State of Illinois
CAPITAL DEVELOPMENT BOARD

PROJECT //
CDB PROJECT #: 830-030-167

DRUG DISCOVERY AND CANCER RESEARCH PAVILION

FOR UNIVERSITY OF ILLINOIS CHICAGO
CHICAGO (COOK COUNTY), ILLINOIS
CONTRACT: DESIGN-BUILD

CLIENT AGENCY //
UNIVERSITY OF ILLINOIS CHICAGO

ISSUANCE //
BRIDGING DOCUMENTS

FINAL REPORT
MARCH 31, 2026

PREPARED BY //
HOLABIRD & ROOT
140 S DEARBORN ST. SUITE 800
CHICAGO, ILLINOIS 60603

TABLE OF CONTENTS

PARTICIPANTS
PROJECT CONSULTANTS
EXECUTIVE SUMMARY
1.0 PROJECT INFORMATION
1.1 OVERVIEW
1.2 VISION AND OBJECTIVES
1.3 SCHEDULE
2.0 SPATIAL CRITERIA
2.1 SPACE PROGRAM SUMMARY
2.2 SPACE PROGRAM TABULATION
2.3 SPACE PROGRAM GRAPHIC
3.0 SITING CRITERIA
3.1 LOCATION
3.2 CAMPUS CONTEXT
3.3 DEVELOPMENT
3.4 PUBLIC OPEN SPACE AND LANDSCAPE
3.5 PEDESTRIAN ACCESS
3.6 PUBLIC TRANSPORTATION ACCESS
3.7 VEHICULAR ACCESS AND PARKING
3.8 SERVICE ACCESS AND LOADING
3.9 VIBRATION & NOISE
3.10 SITING
3.11 UTILITIES
4.0 CODES + STANDARDS
4.1 AUTHORITY HAVING JURISDICTION (AHJ)
4.2 APPLICABLE CODES
4.3 APPLICABLE STANDARDS
4.4 PRELIMINARY CODE ANALYSIS
4.5 CAMPUS SPECIFICATIONS
5.0 SUSTAINABILITY CRITERIA
5.1 OBJECTIVES
5.2 TACTICS

TABLE OF CONTENTS (CONT.)

6.0 ORGANIZATIONAL CRITERIA
6.1 MODULARIZATION
6.2 RESEARCH NEIGHBORHOODS
6.3 SCIENCE ON DISPLAY
6.4 COLLABORATION CATALYST
6.5 BRIDGE CONNECTION
6.6 TUNNEL CONNECTION
6.7 ADJACENCIES
6.8 STACKING
7.0 ARCHITECTURAL CRITERIA
7.1 BUILDING EXTERIOR
7.2 INTERIORS
7.3 SCOPE AT ADJOINING BUILDINGS
7.4 VERTICAL TRANSPORTATION
8.0 SYSTEMS CRITERIA
8.1 STRUCTURAL
8.2 MECHANICAL SYSTEMS
8.3 PIPING SYSTEMS
8.4 FIRE PROTECTION SYSTEMS
8.5 ELECTRICAL & FIRE ALARM SYSTEMS
8.6 TECHNOLOGY SYSTEMS
8.7 AUDIO VISUAL SYSTEMS
8.8 SECURITY SYSTEMS
8.9 BUILDING AUTOMATION SYSTEM INTEGRATION
8.10 VIBRATION AND NOISE MITIGATION
8.11 LANDSCAPE & HARDSCAPE
8.12 UTILITIES
9.0 LABORATORY CRITERIA
9.1 LABORATORY DESIGN CRITERIA
9.2 BRL (VIVARIUM)
9.3 LOADING DOCK

TABLE OF CONTENTS (CONT.)

10.0 ROOM-SPECIFIC CRITERIA
- 10.1 LAB SPACES
- 10.2 NON-LAB SPACES

11.0 FF&E CRITERIA
- 11.1 FURNITURE
- 11.2 EQUIPMENT RESPONSIBILITY MATRIX

12.0 PROOF OF CONCEPT
- 12.1 CONCEPTUAL SITE PLAN
- 12.2 CONCEPTUAL FLOOR PLANS
- 12.3 CONCEPTUAL BUILDING SECTION
- 12.4 CONCEPTUAL INTERIOR PERSPECTIVE
- 12.5 CONCEPTUAL LIFE SAFETY DIAGRAMS
- 12.6 CONCEPTUAL STRUCTURAL PARTI

13.0 REFERENCE DOCUMENTS
- 13.1 PLAT OF SURVEY
- 13.2 TOPOGRAPHIC SURVEY
- 13.3 GEOTECH REPORT
- 13.4 GROUND PENETRATING RADAR
- 13.5a SITE ENVIRONMENTAL REPORT
- 13.5b BUILDING ENVIRONMENTAL REPORT
- 13.6 AUTOTURN ANALYSIS
- 13.7 CUT SHEETS OF VIVARIUM EQUIPMENT
- 13.8 SITE PHOTOGRAPHS
- 13.9 OWNER'S PROJECT REQUIREMENTS
- 13.10 NO DEVIATIONS LIST
- 13.11 EXISTING DRAWINGS FOR COLLEGE OF PHARMACY BUILDING
- 13.12 COMMISSIONING PLAN
- 13.13 COMMISSIONING SPECIFICATION
- 13.14 SITE SOUND EVALUATION
- 13.15 LEED SCORECARD

PARTICIPANTS

Holabird & Root would like to recongnize the efforts of all who have contributed to developing the Bridging Documents. Many thanks for your valuable input, patience, and insight.

Illinois Capital Development Board
Kenneth Watkins
Dave Heydenberk
Nazih Kafe
Blanca Rivera

University of Illinois Chicago
Ahlam Al-Kodmany
Richard Alpern
Robert Barish
Joanna Burdette
Lisa Freeman
VK Gadi
Joanna Groden
Luke Hanley
Jan Kitajewski
Sandeep Kulkarni
Cinthia Leman
Eric Luchetta-Stendel
Margaret Moser
Elizabeth Ortner
Dale Rush
Glen Schumock
David Taeyaerts
Ebone White
Michael Zenn
and many others

Holabird & Root
Eric Risinger
Rusty Walker
Dennis Vovos
Anne Strane
Laura Gabel
Lei Guo

HERA Laboratory Planners
Carlos Perez-Rubio
Natalie Szymanski
Jeff Owens
Clay Stafford
Rachel Morris

IMEG Corp.
Alyssa Fee

dbHMS
Sachin Anand
Victor Avila
Marcos Guerrero

Terra Engineering
Jamil BouSaab
Danielle Kowalewski
Katherine Kenefake
Matthew Westerkamp

Site Design Group
Rob Reuland
Cody Axness
Sarah Gaines
Melissa Hohensee

Threshold Acoustics, LLC
Laura Brill
Molly Smallcomb
Nick Dulworth

Middleton Construction Consultants
Josh Houston

Farnsworth Group
Matt Cale
Fay-Ling Laures
Jeff Boyer

PROJECT CONSULTANTS

ARCHITECTURE

Holabird & Root
140 S. Dearborn St. Suite 800
Chicago, IL, 60603
(T) 312-357-1771

LABORATORY

HERA Laboratory Planners, Inc.
1447 Peachtree Street NE
Atlanta, Georgia, 30309
(T) 678-591-1257

STRUCTURAL ENGINEERING

IMEG Corp.
225 W. Washington St
Chicago, IL, 60606
(T) 312-294-0501

MEP/FFP/SECURITY ENGINEERING

dbHMS
306 W. Erie St. Suite 600
Chicago, IL, 60606
(T) 312-915-0557

CIVIL ENGINEER

Terra Engineering
225 W. Ohio St. 4th Floor
Chicago, IL, 60654
(T) 630-388-8539

LANDSCAPE ARCHITECT

Site Design Group
888 S. Michigan Ave. Suite 1000
Chicago, IL, 60605
(T) 312-427-7240

TECHNOLOGY/VIBRATION

Threshold Acoustics, LLC
141 W. Jackson Boulevard. Suite 2080
Chicago, IL, 60604
(T) 312-386-1400

COST ESTIMATING

Middleton Construction Consultants
5600 River Road. Suite 950
Rosemont, IL, 60018
(T) 312-445-0000

EXECUTIVE SUMMARY

The Capital Development Board (CDB) proposes to construct a new 188,055 gross square foot building identified as the Drug Discovery and Cancer Research Pavilion (DDCRP) on the west campus of the University of Illinois Chicago (UIC). The building will provide research space to support the University's Retzky College of Pharmacy (CoP), UI Cancer Center, and Department of Chemistry (within the College of Liberal Arts and Sciences).

The Bridging Documents herein were derived from meetings with University personnel and the CDB. The Bridging Document content, along with the codes, standards, and other referenced information, form the Basis of Design criteria for the Design Build Team. Final design and compliance with codes and standards are the responsibility of the Design Build Team.

1.0

PROJECT INFORMATION

1.1 OVERVIEW

The University of Illinois Chicago (UIC) proposes to construct a new 188,055 gross square foot Drug Discovery and Cancer Research Pavilion (DDCRP) at the West Campus.

BUILDING PURPOSE

The DDCRP will strengthen UIC's ability to tackle health disparities collaboratively and do it faster than ever, with new drugs and cancer therapies most needed by underserved populations.

The DDCRP's community spaces and state-of-the-art labs will be constructed with collaboration and engagement in mind. The pharmaceutical innovation and molecular and cellular discoveries it facilitates will be as important as the idea-sharing, teaching and engagement happening in the auditorium and meeting rooms.

This facility, and the transformational research that occurs in its spaces, will launch UIC into a new sphere of scientific research distinction. It will attract significant research funding and help us recruit renowned scientists, leading to new knowledge and improved patient outcomes.

USER GROUPS

The collaborative facility will help harness scientific excellence and expertise from four units across UIC and UI Health. Bringing these units, with their impressive credentials and accomplishments, together in the DDCRP will bring UIC to a new level of scientific research distinction.

About UI Cancer Center

- The Cancer Center is a part of UI Health and partners with schools and colleges across the University.
- The Cancer Center applied for Clinical Cancer Center status in the spring of 2024, after receiving an invitation for submission from the National Cancer Institute (NCI). If approved, this designation could make the Cancer Center one of just 73 elite cancer centers in the U.S.
- Cancer Center research and health equity efforts are recognized and supported by more than $34 million in grants from the National Institutes of Health (NIH) and other funders. For example:
  - The Cancer Center is among the first four institutions ever awarded a Cancer Health Equity Research grant from the American Cancer Society.
  - UIC's Center for Health Equity Research (CHER) is designated a Center of Excellence and supported by funding from the National Institute of Minority Health and Health Disparities. CHER brings together the Cancer Center and other UIC units to explore how social structures and related factors contribute to health and health disparities.
  - The Cancer Center plays a crucial role in the Chicago Cancer Health Equity Collaborative (ChicagoCHEC), a group funded by the National Cancer Institute. The ChicagoCHEC brings together highly regarded Chicago academic research institutions to conduct cancer health equity projects.

About the Department of Chemistry

The Department of Chemistry advances foundational work in chemical biology, drug discovery, and molecular mechanisms of disease, supporting research that spans bioanalytical chemistry, biophysics, and cancer-related protein and DNA studies. The department of chemistry ranks 30th overall nationwide and 39th for published research productivity. The department has 30 active faculty who oversee breakthrough research at the root of drug discovery. Among these drug discoveries is Prezista, a widely used protease inhibitor medication designed for people with treatment-resistant HIV. It has proved to be the most lucrative source of royalties in UIC history.

The majority of the department operates out of the East Campus in the Science & Engineering Laboratory West (SELW) and the Science & Engineering South (SES) buildings. A presence in the DDCRP represents a meaningful link between this department and the concentration of health sciences facilities on the West campus.

About the Retzky College of Pharmacy

The Retzky College of Pharmacy has a proven track record for research leading to drug discovery.

- Retzky College of Pharmacy is consistently ranked among the top ten U.S. colleges of pharmacy for research funding. They're currently ranked #7 in the

U.S. and #1 in Illinois.

- They're the largest and most comprehensive academic-affiliated clinical pharmacy program in the U.S. That advantage allows them to be a model for community-to-bench drug development, which centers around patients' needs and experiences.
- While Retzky College of Pharmacy scientists work on a wide range of research projects, most focus on infectious disease, cancer and women's health issues.
- They are one of the only colleges of pharmacy able to deliver a pipeline of graduate students whose training includes community-to-bench, multidisciplinary drug discovery research.

About UICentre

Established in 2013, the UICentre helps researchers across the university meet the rigorous demands of drug discovery by providing them UIC and UI system resources. Those resources include:

- Seed funding awards ranging from $20,000 to $65,000 for UIC researchers with the most promising ideas.
- Expertise about how to optimize experimental models of disease in the lab for reliability and scale. Such models allow scientists to quickly test thousands of molecules for therapeutic potential. This process is called high-throughput screening, and molecules that appear promising are classified as "hits."
- Experienced medicinal chemists who look for ways to alter hits and improve their desired effects (scientists refer to these desired effects as potency and selectivity). The enhanced molecules, or "leads," may then be evaluated in more realistic models of disease. This type of dedicated staff support is unique among universities in the Chicago area.

In addition, UICentre helps researchers:

- Anticipate and solve scientific challenges.
- Identify outside funding sources and apply for funding.
- Connect with colleagues in other UIC and UI Health units for information-sharing and potential collaborations.
- Work with the Office of Technology Management to navigate patent applications, identify the most promising clinical indications and address other project management issues.

CORE PROGRAMS

To support the University's broad approach to drug discovery and deployment, the new DDCRP is to include the following core programs:

Research Neighborhoods

The new DDCRP is to provide them state-of-art facilities to amplify this culture of innovation and collaboration towards many more life-saving drug discoveries in the future.

Bridge

Rather than conceived as a separate building, the new DDCRP will be an extension of the College of Pharmacy building and its culture. It shall be connected by a two-story elevated bridge that is not only a physical link between the buildings, but also integrates them culturally and socially to strengthen their bond. The Bridge should house formal and informal programmatic elements that draw users from both buildings, and be designed with a strong connection to the DDCRP arrival and vertical circulation experience.

Vivarium

To support the research activities within the labs at the floors above, an underground Vivarium will be provided housing research animals. The Vivarium represents an extension of the functions of the existing nearby Biological Resources Laboratory (BRL) building.

1.2 VISION AND OBJECTIVES

The new DDCRP is envisioned as a “state-of-the-art” facility. The following objectives are meant to define what “state-of-the-art” means for this project and thus represent the project’s overarching criteria for success. The specific requirements described throughout the Bridging Documents are intended to capture these criteria for success in a tangible form. However, when shaping the final design, there will be room for further understanding and application of these principles, so they should additionally serve as an active reference to the Design Build Team.

EMPOWERING INTERDISCIPLINARY THINKING VIA COLLABORATION

RESEARCH THAT IS NOT LIMITED BY RESOURCES OR INFRASTRUCTURE

MAXIMIZED IMPACT OF THE BUDGET

DATA-DRIVEN RESOURCE ALLOCATION / RESEARCH AS A BUSINESS

SCIENCE ON DISPLAY

OPTIMIZED WORKFLOWS

ENABLING RECRUITMENT + FLOURISHING OF THE INDIVIDUAL VIA DESIGN FOR WELLNESS, PRODUCTIVITY + BELONGING

WELCOMING OUTSIDE COLLABORATORS VIA STRONG IDENTITY, AMBIENCE, RESOURCES, AND WAYFINDING

OUTFITTED PERFECTLY FOR DAY ONE

ENABLING QUICK DEPLOYMENT OF NEW RESEARCH LABS

ADAPTABLE TO CHANGING RESEARCH + TECHNOLOGIES

STRATEGIC SHARING OF RESOURCES FOR COLLABORATIVE ENABLEMENT

OPTIMIZED OPERATIONS, MAINTENANCE & LONGEVITY

EXTENSION OF COLLEGE OF PHARMACY BUILDING

1.3 SCHEDULE

The following is UIC's required construction schedule and construction completion date:

NOTICE TO PROCEED	05.03.2027
CONSTRUCTION	05.03.2027 - 08.20.2029
SUBSTANTIAL COMPLETION	08.21.2029
PUNCH LIST	08.22.2029 - 10.16.2029
FINAL CLOSEOUT	10.17.2029 - 01.08.2030

This page is intentionally left blank.

2.0

SPATIAL CRITERIA

2.1 SPACE PROGRAM SUMMARY

This section summarizes the types of spaces that will be provided in the DDCRP. The Program has been organized into five distinct types of space, as identified below:

RESEARCH NEIGHBORHOODS
which are designed as generic wet laboratory research space, laboratory support space, private offices, open desk areas, meeting spaces, and break spaces.

SHARED / CORE LABS
which include a Ground Level Instrumentation Lab (which would provide a “low vibration” area for current and future needs of various users) as well as the Vivarium (which would support the research activities elsewhere in the building).

COMMON SPACES
which includes non-lab spaces that serve all building users, such as lobby / reception, multi-purpose room, and pre-function areas.

BUILDING SUPPORT
which includes various back-of-house spaces that support the overall building functions, including a loading dock.

GROSSING
which is meant to include interior circulation (corridors, stairways, elevators), restrooms, janitor’s closets, and building systems support rooms (mechanical, electrical, plumbing, fire protection, technology, etc.). For purposes of the space tabulation summary, gross square footage is calculated using a grossing factor. For purposes of the itemized space tabulation, only MEP spaces and their approximate sizes are listed out, to aid in the design process; however, they are not factored into the net assignable square foot values of the summary since they are meant to be captured as part of the larger picture of grossing.

2.2 SPACE PROGRAM TABULATION

BUILDING SUMMARY

	Program	Subtotal (nasf)	Total (nasf)
1.0	RESEARCH NEIGHBORHOODS		81,180
	College of Pharmacy	36,439	4 medium + 1 high
	Cancer Research Center	28,137	4 medium density
	Department of Chemistry	16,604	2 high density
2.0	SHARED / CORE LABS		17,367
	Ground Level Instrumentation	2,926	
	Vivarium (BRL)	14,441	10,381 initial build-out + 4,060 future/shelled
3.0	COMMON SPACES		10,047
4.0	BUILDING SUPPORT		4,239
	Vivarium (BRL) @ Loading Dock		1,273
	Other		2,966
	TOTAL NET ASSIGNABLE AREA (nasf)		112,833
	Net to Gross Assumed Building Efficiency		60%
	TOTAL GROSS AREA (gsf)		**188,055**

Note: The Program is presented in terms of Net Assignable Square Feet (NASF) and overall Gross Square Feet (GSF). The Net Assignable area is measured from the inside face of interior walls, except where a modular approach is used in the laboratories, where the width of the lab is measured to the center of a module line.

BUILDING ITEMIZED

		Qty	NASF	Total NASF	Notes	Grand Total NASF
1.0 RESEARCH NEIGHBORHOODS						**81,180**
MEDIUM DENSITY FUME HOOD NEIGHBORHOODS		**8**		**6,068**		**48,544**
quantity of research planning units (PI + 6 staff per unit) per neighborhood >		*4*		*1,517*	*< average NASF per research planning unit*	
1.1 Medium Density Fume Hood Laboratory				**2,420**		
1.1.1	Wet Lab Module (22'-0" x 27'-6")	4	605	2,420	1 per research planning unit (dedicated)	
1.2 Medium Density Fume Hood Laboratory Support				**1,452**		
1.2.1	Laboratory Support Room (11'-0" x 11'-0")	4	121	484	1 per research planning unit (dedicated)	
1.2.2	Laboratory Support Room (11'-0" x 22'-0")	2	242	484	dedicated or strategically shared	
1.2.3	Linear Equipment Rm. / Freezer Farm (11'-0" x 22'-0")	2	242	484	dedicated or strategically shared	
1.3 Medium Density Fume Hood Laboratory Office/Support				**2,196**		
1.3.1	PI Office	4	150	600	1 per research planning unit	
1.3.2	Flex Office	2	150	300	1 per 2 research planning units	
1.3.3	Work Stations	24	54	1,296	6 per research planning unit	
HIGH DENSITY FUME HOOD NEIGHBORHOODS		**3**		**7,336**		**22,008**
quantity of research planning units (PI + 6 staff per unit) per neighborhood >		*6*		*1,223*	*< average NASF per research planning unit*	
1.4 High Density Fume Hood Laboratory				**3,630**		
1.4.1	Wet Lab Module (22'-0" x 27'-6")	6	605	3,630	1 per research planning unit (dedicated)	
1.5 High Density Fume Hood Laboratory Support				**1,210**		
1.5.1	Laboratory Support Room (11'-0" x 22'-0")	3	242	726	dedicated or strategically shared	
1.5.2	Linear Equipment Rm. / Freezer Farm (11'-0" x 22'-0")	2	242	484	dedicated or strategically shared	
1.6 High Density Fume Hood Laboratory Office/Support				**2,496**		
1.6.1	PI Office	6	150	900	1 per research planning unit	
1.6.2	Flex Office	2	150	300	1 per 3 research planning units	
1.6.3	Work Stations	36	36	1,296	6 per research planning unit	
COMMON SUPPORT ACROSS NEIGHBORHOODS				**10,628**		**10,628**
				2,657	*< average per research neighborhood floor*	
1.7 Common Lab Support				**8,228**		
1.7.1	Cold Rooms	8	242	1,936	2 per floor	
1.7.2	Lab Kitchen / Glass Wash	4	484	1,936	1 per floor	
1.7.3	Chemical Storage	4	121	484	1 per floor	
1.7.4	Instrumentation Space (22'-0" x 22'-0")	8	484	3,872	2 per floor	
1.8 Common Office Support				**2,400**		
1.8.4	Conference Room	4	300	1,200	1 per floor	
1.8.5	Breakroom Room/Collaboration Area	4	300	1,200	1 per floor	

		Qty	NASF	Total NASF	Notes	Grand Total NASF
2.0 CORE/SHARED LABS						**17,367**
GROUND LEVEL INSTRUMENTATION				**2,926**		
2.1 High Throughput Screening/Instrumentation Lab & Support		1	1900	**1,900**	MS, HPLC/LCMS	
2.2 Advanced Imaging / Microscopy Suite		1	1026	**1,026**		
VIVARIUM/BRL				**14,441**		
2.3 Vivarium - Initial Build-Out				**10,381**		
2.3.1	Management and Staff Support			1,331		
2.3.1.1	Supervisory Hub	1	242	242	shared workspace for (3) ppl	
2.3.1.2	Staff Break Area	1	484	484		
2.3.1.3	Unisex Ante Room	1	121	121	for future construction access to shelled space	
2.3.1.4	Male/Female Individual Ante Room	2	242	484	toilet and shower, PPE - Don Doff with storage	
2.3.2	Cage Wash & Processing			4,385		
	Dirty					
2.3.2.1	Dirty rack and cage staging	1	363	363		
2.3.2.2	Wash down	1	242	242 v	2 deep sinks, drains and work area	
2.3.2.3	Cage dump area	1	121	121	vented with automated waste removal to dock	
2.3.2.4	Miscellaneous Supplies - Dirty	1	121	121	extra ppe, materials, supplies	
2.3.2.5	Biowaste Cold Room with Carcass Removal	1	121	121		
2.3.2.6	Janitorial Closet	1	90	90		
	Clean					
2.3.2.7	Clean Food	1	242	242	room for 6-10 pallets [16sf ea.] plus refrigeration	
2.3.2.8	Clean Ante Room	1	181	181	Intake for material recieved from loading dock	
2.3.2.9	Large dry heat sterilizer	1	242	242	1 unit with capacity to hold twice the autoclave capacity	
2.3.2.10	Sterilized Storage	1	484	484	Sterilized material, 40 bulk trucks (24"x44"ea.), 24 Water Carts, workspace	
2.3.2.11	Bottle fill stations	1	121	121	3 fill stations - no separate bottle washer	
2.3.2.12	Cage loading & processing	1	363	363	room for rack set up and staging and chem storage	
2.3.2.13	Rack and Cage storage	1	363	363		
2.3.2.14	Miscellaneous Supplies - Clean	1	121	121	extra ppe, materials, supplies	
	Pass-Through Equipment Zone					
2.3.2.15	Tunnel Washer - Cages	1	484	484		
2.3.2.16	Rack Washer [for new and existing racks]	1	363	363		
2.3.2.17	Autoclaves [2]	1	363	363	Two autoclaves capable of holding at least three bulk trucks (24"x44"x79")	

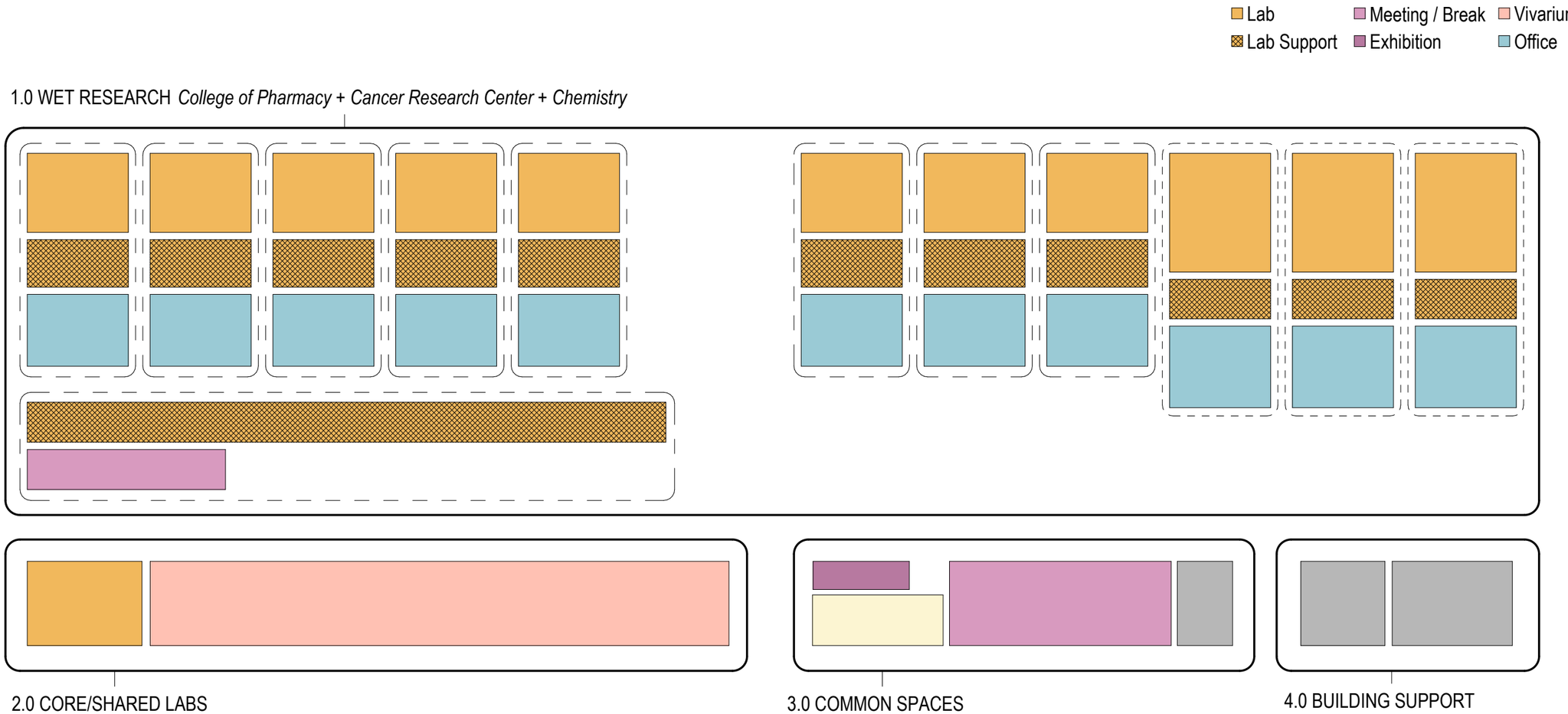
		Qty	NASF	Total NASF	Notes	Grand Total NASF
2.3.4	Animal Rooms and Procedure Spaces			3,322		
	Animal Housing & Procedure					
2.3.4.1	General Holding Room	7	242	1,694		
2.3.4.2	BSL2 Holding Room	2	242	484		
2.3.4.3	BSL2 Holding Room AnteRoom	1	121	121		
	Procedure Spaces					
2.3.4.4	Procedure Rooms Standard	5	121	605	6 procedure for 7-9 holding rooms, 4 dedicated workstations	
2.3.4.5	Procedure Rooms Large/Dual Purpose	1	242	242		
	Support Spaces					
2.3.4.6	Irradiation	1	121	121	with sheilding	
2.3.4.7	Cylinder Closet	1	55	55		
2.3.6	Dedicated Circulation			1,343		
2.4	Vivarium - Shell (Future Build-Out)			**4,060**		
2.4.1	Future Holding	8	242	1,936		
2.4.2	Future Procedure Standard	5	121	605	6 procedure for 7-9 holding rooms, 4 dedicated workstations	
2.4.3	Future Procedure Large	1	242	242		
2.4.4	Future Imaging	1	242	242		
2.4.5	Dedicated Circulation			1,035		
3.0	COMMON SPACES					**10,047**
3.1	Entry			**2,000**		
3.1.1	Lobby / Reception - South	1	1,000	1,000		
3.1.2	Lobby / Reception - North	1	1,000	1,000		
3.2	Exhibition			**820**		
3.2.1	Exhibition	1	500	500		
3.2.2	Exhibition Support/Staging	1	320	320		
3.3	Meeting			**5,760**		
3.3.1	Multi-Purpose Room & Lecture Hall	1	2,600	2,600		
3.3.2	Pre-Function	1	850	850		
3.3.3	Conference, Extra Large / Small Multi-Purpose Room	1	850	850		
3.3.4	Conference, Large	1	560	560		
3.3.5	Conference, Medium	3	300	900		
3.4	Front-of-House Support			**1,467**		
3.4.1	Kitchen	1	250	250	serves Multi-Purpose Room	
3.4.2	Chair / Table Storage	1	600	600	serves Multi-Purpose Room	
3.4.3	Showers	2	120	240	if/as required by LEED; final qty tbd	
3.4.4	Wellness Room	4	75	300	1 per research floor	
3.4.5	Lactation Room	1	77	77		

		Qty	NASF	Total NASF	Notes	Grand Total NASF
4.0	BUILDING SUPPORT					**4,239**
4.1	Building Support			**944**		
4.1.1	Facilities Office	0	130	0		
4.1.2	Facilities Manager	1	130	130		
4.1.3	Facilities Staff	2	100	200		
4.1.4	IT Manager	1	130	130		
4.1.5	Attic Stock Storage / Parts	1	242	242		
4.1.6	Custodial Supplies & Equipment Storage	1	242	242		
4.2	Loading Dock			**3,295**		
4.2.1	Personnel Support Spaces			100		
4.2.1.1	Dock Manager Office	1	100	100		
4.2.1.2	Locker Room /with Toilet	0	242	0	no stated requirement	
4.2.1.3	Janitor's Closet	0	60	0	including in grossing factor but noted here for adjacen	
4.2.3	BRL Function			1,273		
4.2.3.1	Animal Receiving	1	184	184	may be able to be reduced in size	
4.2.3.2	Fresh Food & Bedding Staging	1	242	242		
4.2.3.3	Clean Bedding	1	242	242		
4.2.3.4	Dirty Bedding [enclosed and vented]	1	242	242	automation access for waste auger and several 3/4 yard tilt bins	
4.2.3.6	Chemical Storage - Detergent and cleaning materials	1	363	363	(3) 500 gal. tanks [6'-6"d x 4'w] for detergent - connects to cage wash	
4.2.3.10	30-Yard Compactor	0	0	0	*(1) needed but exterior	
4.2.3.11	Vivarium Truck Bay	0	0	0	*(1) needed but exterior	
4.2.4	Lab Function			591		
4.2.4.1	Bio incoming (Science/Sample Receiving/accessioning)	1	121	121		
4.2.4.2	Biowaste outgoing (Waste/Red Bag)	1	168	168	serves Vivarium as well	
4.2.4.3	Chemical incoming (Stores with Refrigeration)	1	121	121	serves Vivarium as well	
4.2.4.4	Chemical outgoing (Hazardous/Flammable Storage (H3 Room))	0	0	0	Shared accumulation is not allowed. Chem waste is received at source	
4.2.4.5	Gas Cylinder Exchange (Cage/Rack)	1	181	181	interior but not enclosed/conditioned; serves Vivarium as well	
4.2.4.9	Delivery Truck Bay	0	0	0	*(1) needed but exterior	
4.2.5	General Function			1,331		
4.2.5.1	Laydown / Temporary Staging / Main Dock	1	1,089	1,089		
4.2.5.2	Mail Room / Package Holding	1	242	242		
4.2.5.3	Cardboard Compactor	1	0	0	*(1) needed but exterior (but under cover)	
4.2.5.4	General Waste Dumpster	1	0	0	*(1) needed but exterior	
4.2.5.5	Recyclables Dumpsters	1	0	0	*(1) needed but exterior	
4.2.5.6	Swing/Renovation Truck Bay	0	0	0	*(1) needed but exterior	

		Qty	NASF	Total NASF	Notes	Grand Total NASF
5.0	GROSSING					**26,278**
this list is not comprehensive--see notes in Section 2.1						
5.1	Mechanical			**18,500**		
5.1.1	Basement			4,000		
5.1.1.1	Mechanical Gallery for Vivarium			4,000		
5.1.2	Penthouse			14,500		
5.1.2.1	AHU Penthouse			12,000		
5.1.2.1	AHU Penthouse for Vivarium			2,500		
5.2	Electrical			**5,748**		
5.2.1	Basement			1,500		
5.2.1.1	Building Electrical Room	1	1,500	1,500	60' x 25'	
5.2.2	Typical Floor			3,948		
5.2.2.1	Generator Room	1	648	648	first floor only; 36' x 18'	
5.2.2.2	ATS Room	1	300	300	first floor only; 15' x 20'	
5.2.2.3	Typical Floor Electrical Room	10	300	3,000	two per floor; 15' x 20'	
5.2.3	Penthouse			300		
5.2.3.1	Electrical Room	1	300	300	15' x 20'	
5.3	Plumbing / Fire Protection / Med Gas			**1,130**		
5.3.1	Basement			800		
5.3.1.1	Water Service Room	1	250	250	20' x 12'	
5.3.1.2	Domestic Water Heater	1	175	175	12' x 15'	
5.3.1.3	Animal Drinking Water System	1	150	150	10' x 15'	
5.3.1.4	Pure Water System	1	175	175	12' x 15'	
5.3.1.5	Nitrogen System (Bottles w/ Manifold)	1	50	50	10' x 5'	
5.3.2	Typical Floor			180		
5.3.2.1	Local Specialty Gas Storage	12	15	180	multiple throughout; 5'x3'	
5.3.3	Penthouse			150		
5.3.3.1	Lab Vac / Lab Air System	1	150	150	10' x 15'	
5.4	Technology			**900**		
5.4.1	Basement			150		
5.4.1.1	Main Building IDF Room	1	150	150	10' x 15'	
5.4.2	Typical Floor			750		
5.4.2.1	Typical Floor FDF Room	5	150	750	10' x 15'; minimum one per floor	

This page is intentionally left blank.

2.3 SPACE PROGRAM GRAPHIC



3/64" = 1' - 0" 4' 8' 16'

LEGEND
Lab
Lab Support
Meeting / Break
Exhibition
Vivarium
Office
Circulation
Support
Functional Grouping
Functional Subgrouping

1.0 RESEARCH NEIGHBORHOODS

BREAK ROOM /COLLABORATION 1.8.5 300 SF
CONFERENCE ROOM 1.8.4 300 SF
COLD ROOM 1.7.1 180 SF
COLD ROOM 1.7.1 180 SF
LAB KITCHEN / GLASS WASH 1.7.2 484 SF
CHEMICAL STORAGE 1.7.3 121 SF
INSTRUMENTATION SPACE 1.7.4 484 SF
INSTRUMENTATION SPACE 1.7.4 484 SF

Per Floor (x4)

WET LAB MODULE 1.1.1 605 SF
WET LAB MODULE 1.1.1 605 SF
WET LAB MODULE 1.1.1 605 SF
WET LAB MODULE 1.1.1 605 SF
LAB. SUPPORT 1.2.1 121 SF
LAB. SUPPORT 1.2.1 121 SF
LAB. SUPPORT 1.2.1 121 SF
LAB. SUPPORT 1.2.1 121 SF
LAB. SUPPORT 1.2.2 242 SF
LAB. SUPPORT 1.2.2 242 SF
LINEAR EQUIPMENT 1.2.3 242 SF
LINEAR EQUIPMENT 1.2.3 242 SF
PI OFFICE 1.3.1 150 SF
PI OFFICE 1.3.1 150 SF
PI OFFICE 1.3.1 150 SF
PI OFFICE 1.3.1 150 SF
FLEX OFFICE 1.3.2 150 SF
FLEX OFFICE 1.3.2 150 SF
WORK STATION 1.3.3 51 SF (x24)

Per Medium Density Neighborhood (x8)

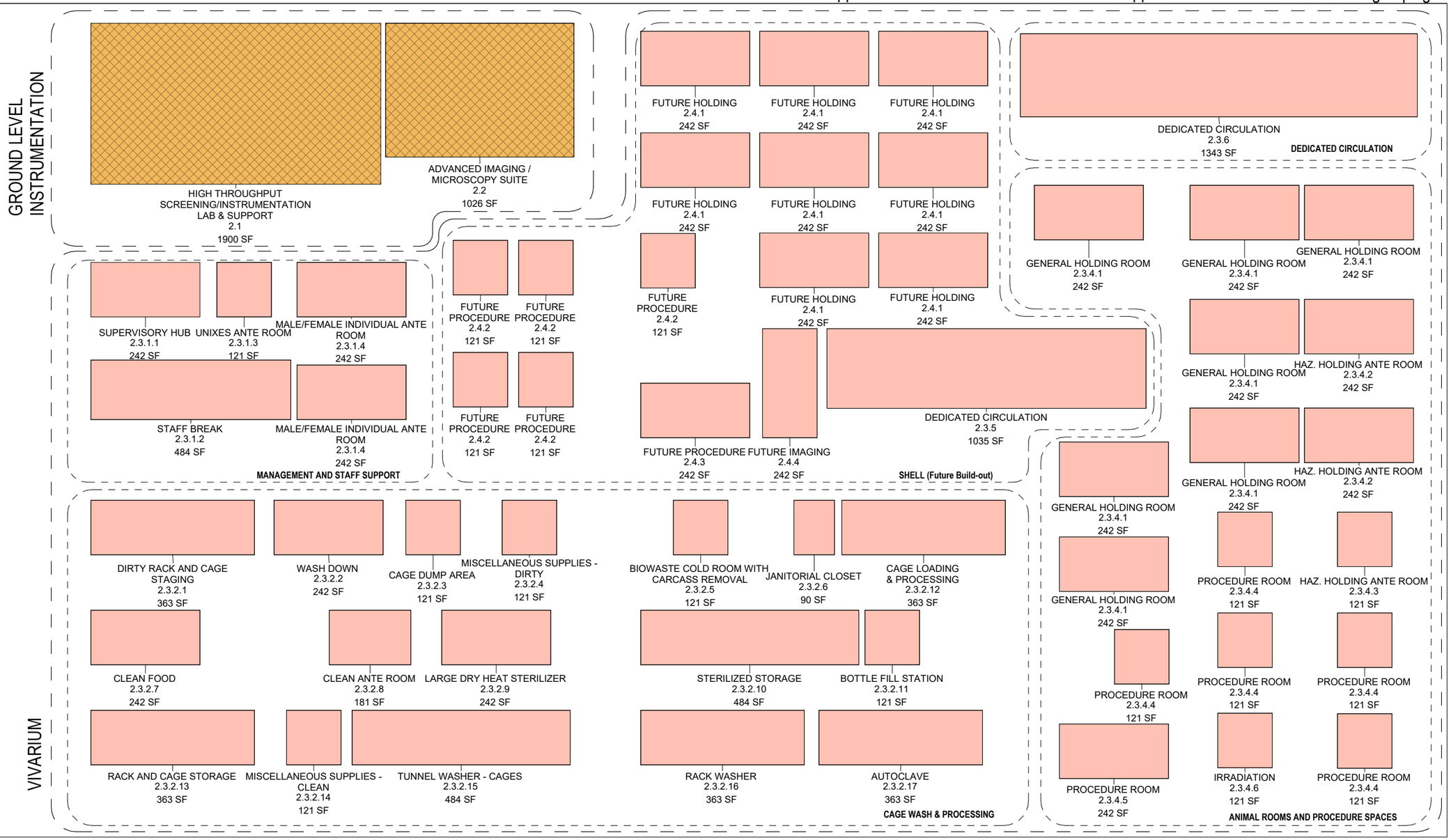
WET LAB MODULE 1.4.1 605 SF
WET LAB MODULE 1.4.1 605 SF
WET LAB MODULE 1.4.1 605 SF
WET LAB MODULE 1.4.1 605 SF
WET LAB MODULE 1.4.1 605 SF
WET LAB MODULE 1.4.1 605 SF
LAB. SUPPORT 1.5.1 242 SF
LAB. SUPPORT 1.5.1 242 SF
LAB. SUPPORT 1.5.1 242 SF
LINEAR EQUIPMENT 1.5.2 242 SF
LINEAR EQUIPMENT 1.5.2 242 SF
PI OFFICE 1.6.1 150 SF
PI OFFICE 1.6.1 150 SF
PI OFFICE 1.6.1 150 SF
PI OFFICE 1.6.1 150 SF
PI OFFICE 1.6.1 150 SF
PI OFFICE 1.6.1 150 SF
FLEX OFFICE 1.6.2 150 SF
FLEX OFFICE 1.6.2 150 SF
WORK STATION 1.6.3 34 SF (x24)

Per High Density Neighborhood (x3)

2.0 CORE/SHARED LABS

3/64" = 1' - 0" 4' 8' 16'

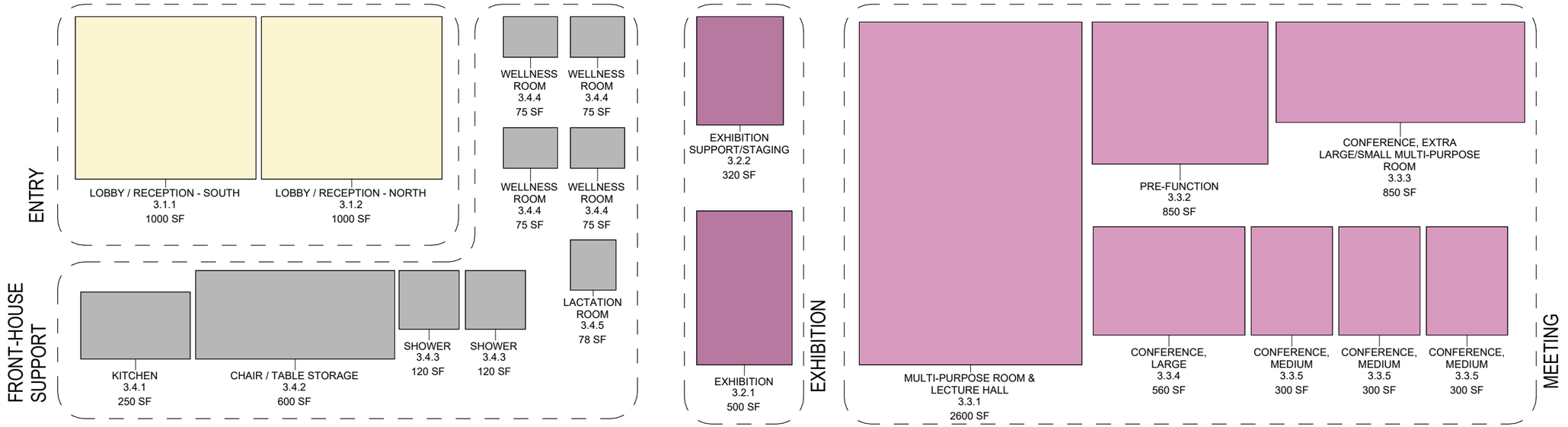
LEGEND
Lab · Lab Support · Meeting / Break · Exhibition · Vivarium · Office · Circulation · Support · Functional Grouping · Functional Subgrouping



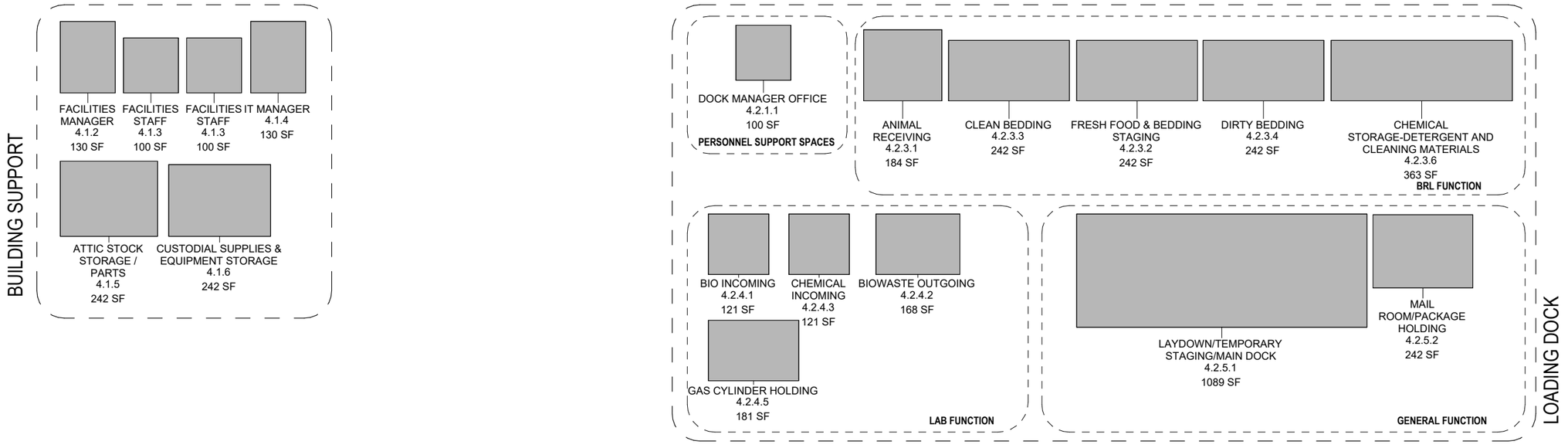
3/64" = 1' - 0" 4' 8' 16'

LEGEND
Lab · Meeting / Break · Vivarium · Circulation · Functional Grouping
Lab Support · Exhibition · Office · Support · Functional Subgrouping

3.0 COMMON SPACES



4.0 BUILDING SUPPORT



3.0

SITING CRITERIA

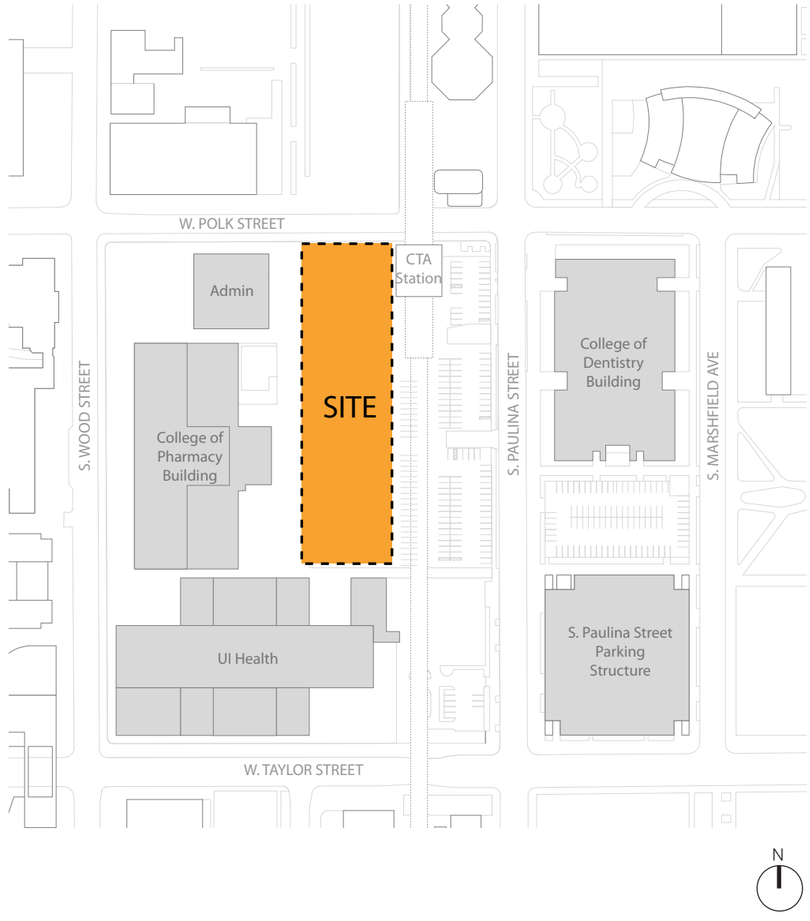
3.1 LOCATION

LOT E

The project will develop a +/- 1.0-acre property bound by West Polk Street to the north, the UIC College of Pharmacy Building and Administration Office Building to the west, the University of Illinois Hospital and Health Sciences to the south, and the Chicago Transit Authority Pink Line to the east.

The presence of the Chicago Transit Authority Pink Line to the east will create a boundary limiting the extent of the proposed building and site development. The CTA easement encroaches into the existing parking lot and maintaining access to this area will be required.

It is anticipated that the On the Mall (OTM) dining facility along Polk Street will be demolished to make way for the new DDCRP and Plaza.



3.2 CAMPUS CONTEXT

EXISTING CONDITIONS

Lot E is located within the West Campus of the University of Illinois Chicago. The below description (taken from the UIC Master Plan Update, published in November 2018), contextualizes the West Campus and portrays how it exists today.

UIC has two distinct campuses located about one mile apart. Taylor Street is the primary pedestrian and bike connector between the two. The East Campus is the undergraduate academic campus that was established in the 1960's as a commuter campus. The campus core was master planned and designed by Walter Netsch in variations of the brutalist style of architecture. While most of the Netsch buildings still exist, the system of elevated plazas, walkways, and bridges that once connected the whole original campus have been removed. Subsequent evolution of East Campus includes the addition of student housing, various landscape improvements, and the successful creation of the mixed-use University Village area along Halsted Street.

The West Campus is the health sciences and medical campus. Unlike the East Campus, this campus does not have one dominant character but instead features a diverse range of historic and contemporary building types and styles that support health sciences teaching and research as well as clinical care for the community. The organization and form of the campus is the urban grid, with taller buildings oriented towards city streets and sidewalks to create the primary circulation system for the campus. Several internal green courtyards, including the Medical Sciences Courtyard and the College of Medicine Courtyard, in the northeast precinct of campus are successful open spaces, but the West Campus lacks an interconnected network of quads and pathways that would create a strong campus identity and improve the pedestrian experience.

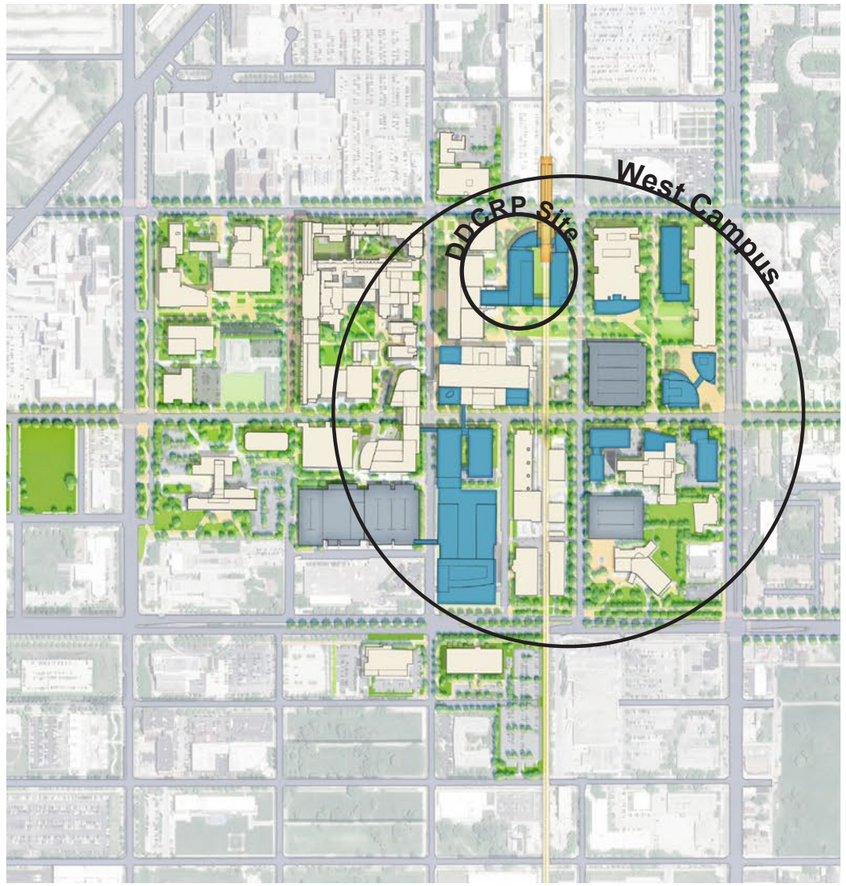


Image Source: UIC Master Plan Update: 2018 Implementation Plan

MASTER PLAN

West Campus Strategy

In November 2018, the UIC Master Plan Update was published which outlines a comprehensive vision for future developments – including its West Campus.
The West Campus strategy focuses on three key elements:

- Improving the Taylor Street Streetscape to enhance the pedestrian experience.
- Reinforcing campus connectivity via an enhanced and extended Health Sciences Greenway; terminating at a new west quad.
- Branding and anchoring the Ashland Avenue and Taylor Street corner as a primary West Campus Gateway.

The new Drug Discovery and Cancer Research Pavilion (including its future expansion), with a bridge connection to the College of Pharmacy building, is specifically included in this vision.

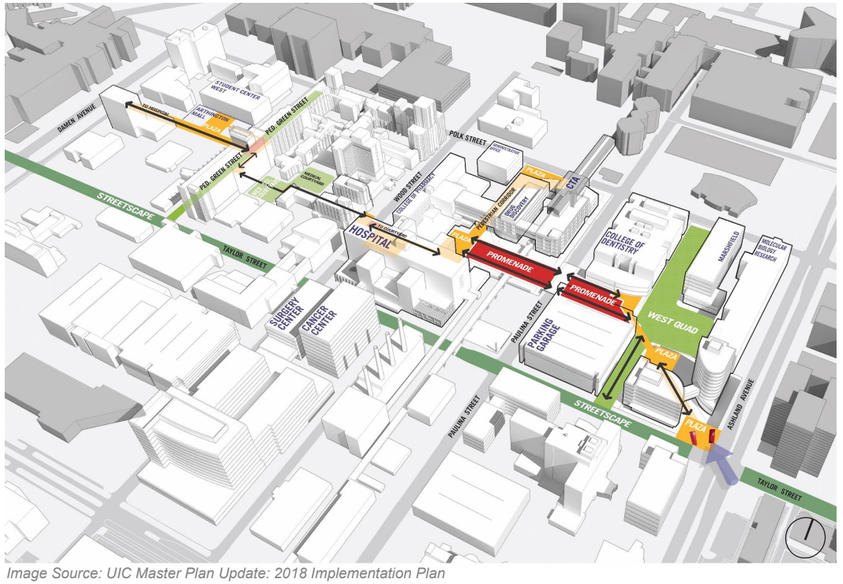
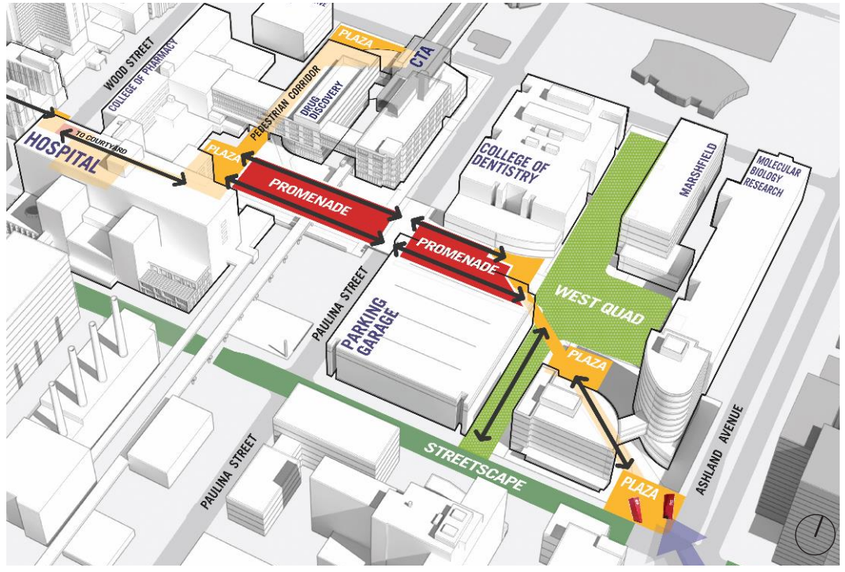


Image Source: UIC Master Plan Update: 2018 Implementation Plan

Promenade

An important Master Plan component for the West Campus is the creation of a Health Sciences Greenway, envisioned as a series of interconnected pedestrian promenades, quads, plazas, and courtyards that will create a sense of a vibrant collegiate campus with improved connectivity and increased opportunities for people to engage and interact.

A new Promenade is planned, extending from the West Quad - in front of the Molecular Biology Research building (MBRB) - to the rear of the College of Pharmacy building, bridging across S. Paulina Street. This will strengthen east-west circulation between the new DDCRP, MBRB and College of Pharmacy building - emphasizing the sense of community within this research hub.



3.3 DEVELOPMENT

The following existing features and/or standards influence buildable area on the site.

CTA CLEARANCES

In the CTA Adjacent Construction Manual (Infrastructure Division, Prepared by Structural Engineering, Revision 01, March 2020), a Basic Safety Envelope (BSE) is defined on page 29 as follows:

> *The area within fifty (50) feet horizontally of edge of track structures or edge of wayside/station platforms, or twenty-five (25) feet outside the property line, whichever is greater. The pair of imaginary lines, which define the outside boundaries of the Basic Safety Envelope, extend vertically up and down infinitely. For the purpose of this Manual, all construction activities within these boundaries will be considered to have the potential to affect the track or CTA operations and will be constrained as necessary by the CTA Employee-in-Charge/Flagger.*

The building design should minimize construction activities within the CTA's BSE that prompt disruption of CTA service and/or flagging. The Design Build team must coordinate further with CTA to understand what types of construction activities trigger this, as well as factor in the constructability considerations of proposed designs.

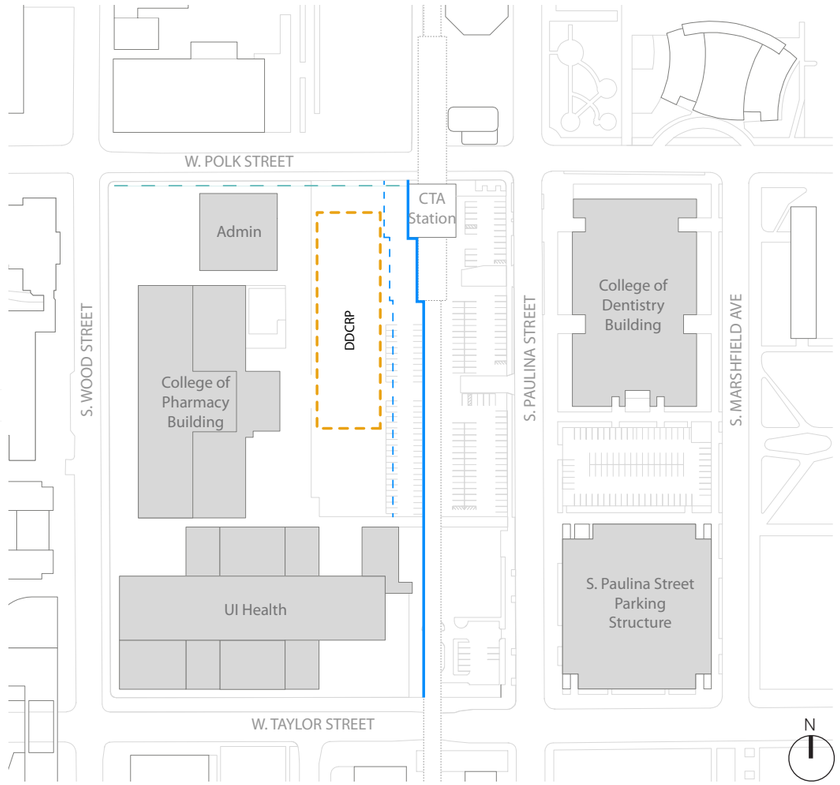
The "edge of wayside/station platforms" within the CTA station was not specifically located on the project survey in Chapter 13.0. For this reason, and because construction logistics are unknown at this time, for purposes of the conceptual design depicted throughout the Bridging Documents, the building is shown as being held off the CTA station extents by 50' (and this is being dimensioned and labeled as a minimum).

PLANNED DEVELOPMENT

The UIC Health Sciences Colleges (including the College of Pharmacy) are physically located within and a member of the Illinois Medical District, a special use zoning district that hosts numerous hospitals, research institutes, and educational institutions. It is established as Planned Development #30 with the city of Chicago and regulated thusly. The Illinois Medical District also has published Design Guidelines from 2015.

Illinois Medical District Design Guidelines
Building Setback 6' from Property Line

CTA Manual
Building Setback 50' from CTA
CTA Extents

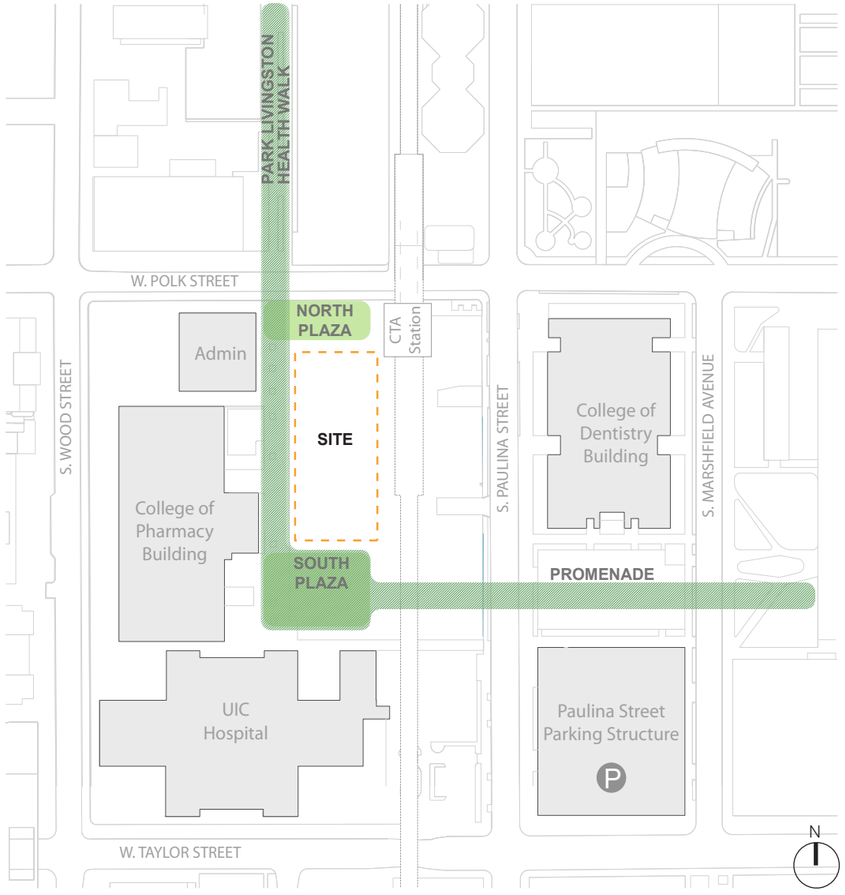


3.4 PUBLIC OPEN SPACE AND LANDSCAPE

The open space framework for the DDCRP site is conceived as an interconnected sequence of civic and campus spaces that support movement, gathering, and identity. The spaces should work together to create a legible and cohesive series of rooms that link transit, streetscapes, and campus circulation with future planned development. They are envisioned to support a range of experiences while reinforcing consistent material language, planting strategies, and spatial character throughout.

- W. Polk Street Parkway is to define the northern threshold of the site and serve as a connector between the DDCRP site, the adjacent CTA rail station, and the broader pedestrian network along Polk Street. The frontage shall reinforce pedestrian continuity and legibility while establishing a clear edge for the site. Parkway design and materials shall be consistent with the adjacent public right-of-way to ensure visual continuity with the surrounding neighborhood.
- North Plaza is to anchor the north end of the site as a welcoming gateway to the campus. Located between the CTA rail station, W. Polk Street, Park Livingston Health Walk, and a primary DDCRP building entry, the plaza will be a natural point of pause and connection with opportunities for public art, shaded seating, and gathering.
- Park Livingston Health Walk is to function as a primary north–south campus pedestrian spine along the western edge of the DDCRP, linking W. Polk Street to the north with the future east–west Promenade to the south through a sequence of interconnected outdoor rooms. The walk should be designed to support campus circulation and outdoor programming while providing necessary access to adjacent vehicular use areas along the east side of the College of Pharmacy building. In addition to its pedestrian role, Park Livingston Health Walk shall accommodate emergency access and function as a designated fire lane.
- South Plaza is to function as a key gathering node at the intersection of the Park Livingston Health Walk and the future east-west Promenade, providing flexible outdoor space that can support a range of activities. The plaza should be designed to accommodate multiple scales of use, from individual or small-group seating beneath shade trees to moderate-sized programming at the terraced seating and sunken lawn. Trees and understory plantings shall create shade and define the edges of the space, and materiality shall provide continuity with the other outdoor spaces that make up the DDCRP site.

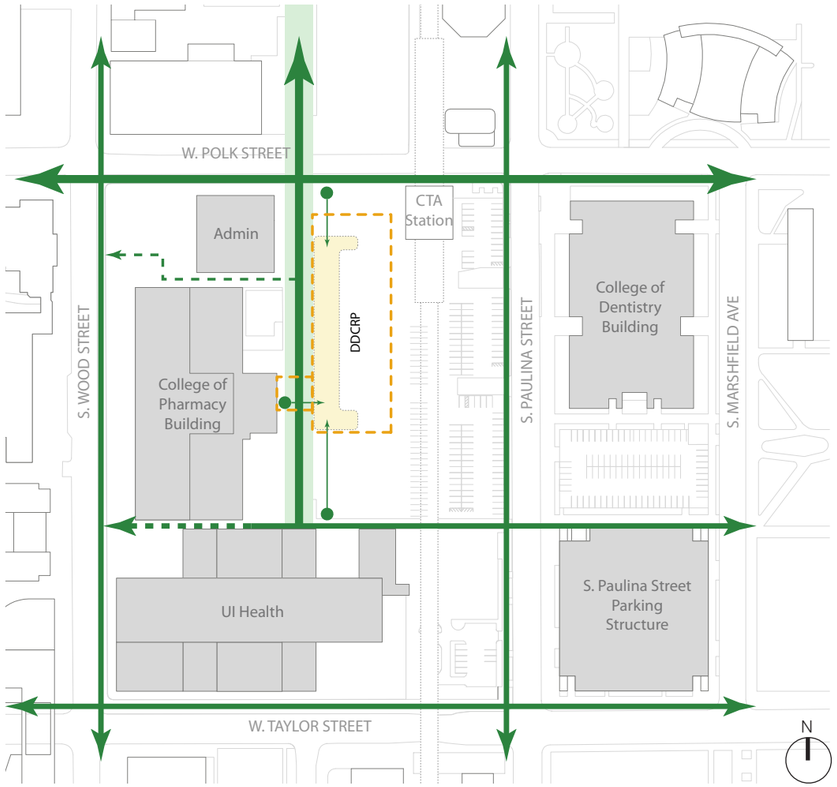
Together, these spaces must offer a range of landscape experiences—formal and informal, active and contemplative—scaled to meet diverse user needs while reinforcing pedestrian circulation and campus identity.



3.5 PEDESTRIAN ACCESS

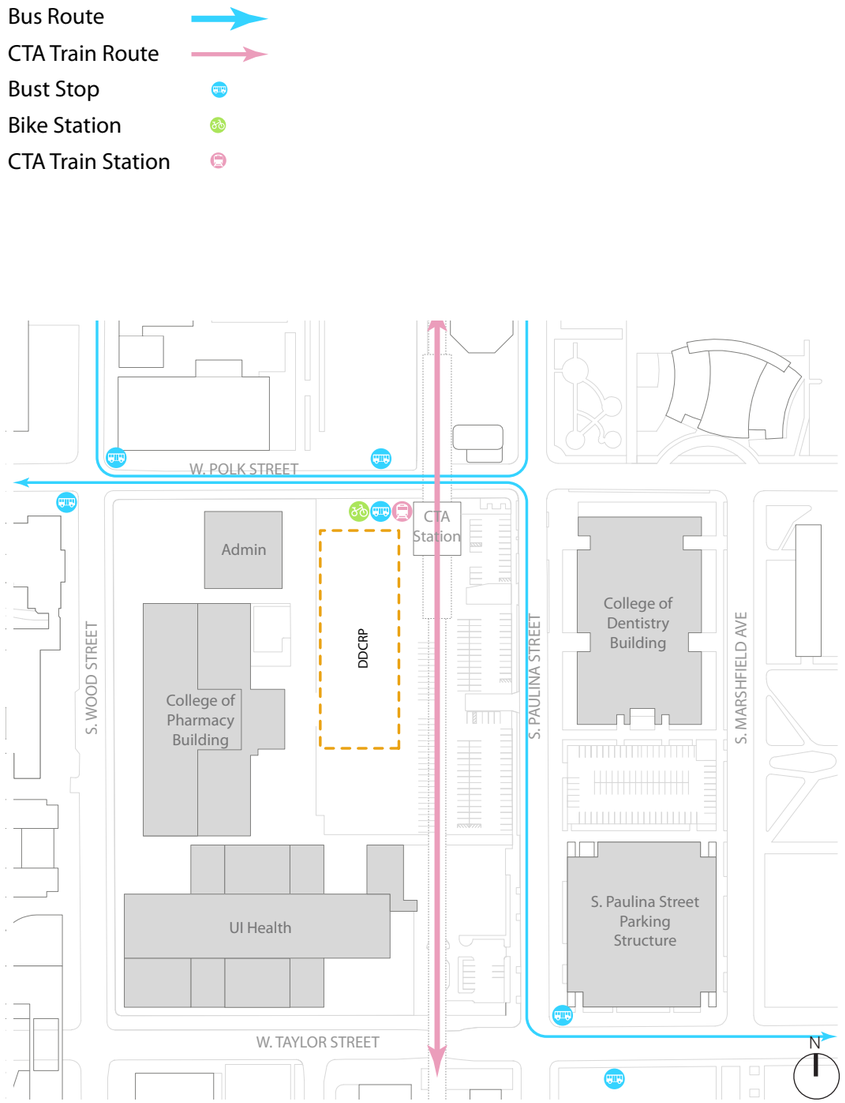
As the campus is set into the urban street grid system, the sidewalk network is the main means of pedestrian connectivity in the area. The public-facing North Plaza interfaces with W. Polk Street as a formal entry plaza. The DDCRP is also situated along a major walkway, Park Livingston Health Walk, which follows the right-of-way of the former S. Hermitage Ave. The Park Livingston Health Walk provides pedestrian and occasional vehicular access to several adjacent buildings, including the Hospital and College of Pharmacy building. An additional interior artery runs east-west along the southern portion of the site, connecting the Hospital to S. Paulina Street. The South Plaza sits adjacent to the intersection of those two pedestrian walkways, serving as a prominent yet sheltered gathering place.

Primary Pedestrian Circulation
Secondary Pedestrian Circulation
Primary Access Points
Proposed Building Boundary
Proposed Lobby/Concourse



3.6 PUBLIC TRANSPORTATION ACCESS

The Polk Street Station for the Chicago Transit Authority (CTA) Pink Line is located just to the northeast of the new DDCRP, providing convenient public transit access to the building. CTA bus lines 157 Streeterville/Taylor and 7 Harrison also stop along Polk Street to the north of the DDCRP. Finally, a Divvy bike sharing station is also located on Polk Street adjacent to the CTA station. The siting of the building and design of the site should support a positive and intuitive arrival experience from these points, and should embrace the magnitude of foot traffic for branding opportunities.



3.7 VEHICULAR ACCESS AND PARKING

Vehicular visitors to the new DDCRP will largely approach the building from S. Paulina Street, from one of these close University parking options highlighted in the graphic below:

- Surface lot parking contiguous with the DDCRP site, beneath and to the east of the CTA elevated tracks
- S. Paulina Street Parking Structure
- Surface parking lot immediately south of the College of Dentistry, across S. Paulina Street

Attention should be paid to this approach and how the building presents itself at the southeast corner on the pedestrian level, from beneath the CTA elevated tracks.

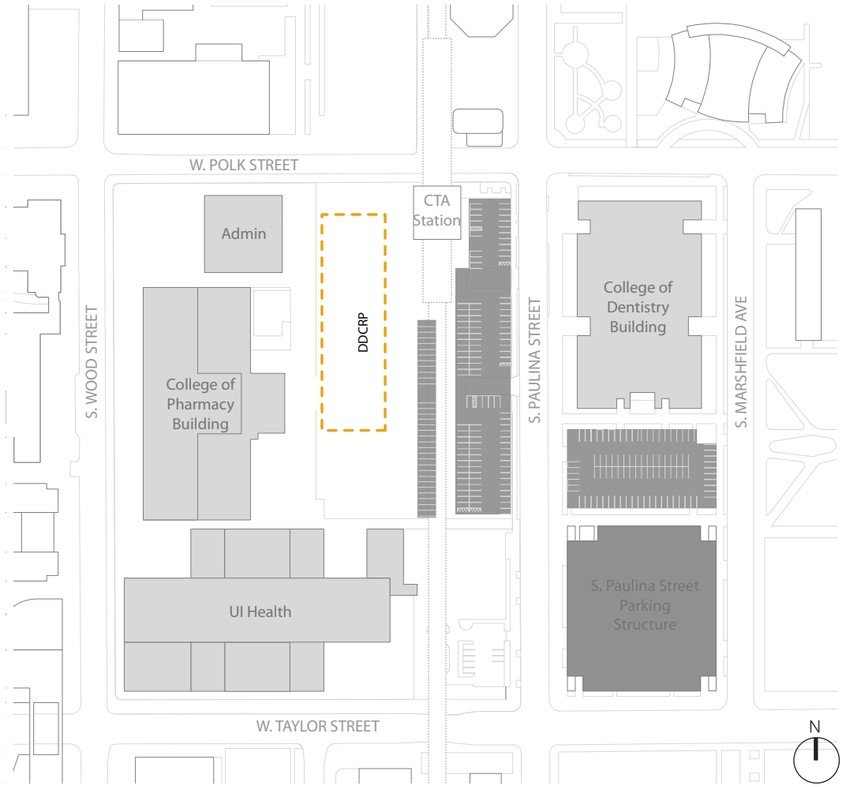
It is anticipated that the site to the east of the new DDCRP will remain as a surface parking lot until further developed as part of the Master Plan.

The small surface parking lot (lot AOB) that is nestled between the existing Administrative Office Building (AOB) and Pharmacy building is currently used by University executives for access to the AOB, but this area (in addition to the College of Pharmacy building's north loading dock access abutting it—see related Section 3.8) will be repurposed to pedestrian-friendly hardscape, landscape and furniture as part of the DDCRP project.

FIRE TRUCK ACCESS

The site shall be designed to allow for fire truck access from all sides: on the east side of the building along Livingston Walkway, on the south edge of the building from the plaza, on the west side of the building from the existing parking lot, and on the north side of the building from Polk St. Livingston Way and the south plaza should thus be designed as a fire lane supporting the weight and maneuverability of fire truck in addition to being designed for the open space and pedestrian experiences described in the other sections of Chapter 3.0.

Parking



3.8 SERVICE ACCESS AND LOADING

The optimal route for service access and loading for the DDCRP has been identified as that shown in the following diagram (coming from S. Paulina Street, through the northernmost existing curb cut / entry point to the adjacent surface parking lot, and beneath the elevated CTA tracks where they are the highest near the station). This would meet a loading dock located at the northeast portion of the new building, with three large truck bays and one van bay. No parking spaces designated for small vehicles or facilities personnel needs to be provided at the loading dock, as the University will rely on the existing surface lot to serve this purpose.

Deliveries will include light utility vehicles, vans, and large delivery trucks. Chapter 13.0 includes an Autoturn Analysis for the prescribed approach across the site. Note that it is anticipated that large delivery trucks will need to “back in” from S. Paulina Street unless additional provisions are made for truck maneuverability within the surface parking lot. The existing entry to surface lot E must be modified to support the new loading dock and all associated work is part of the scope of this project. It is not anticipated that existing curb cuts will require modification.

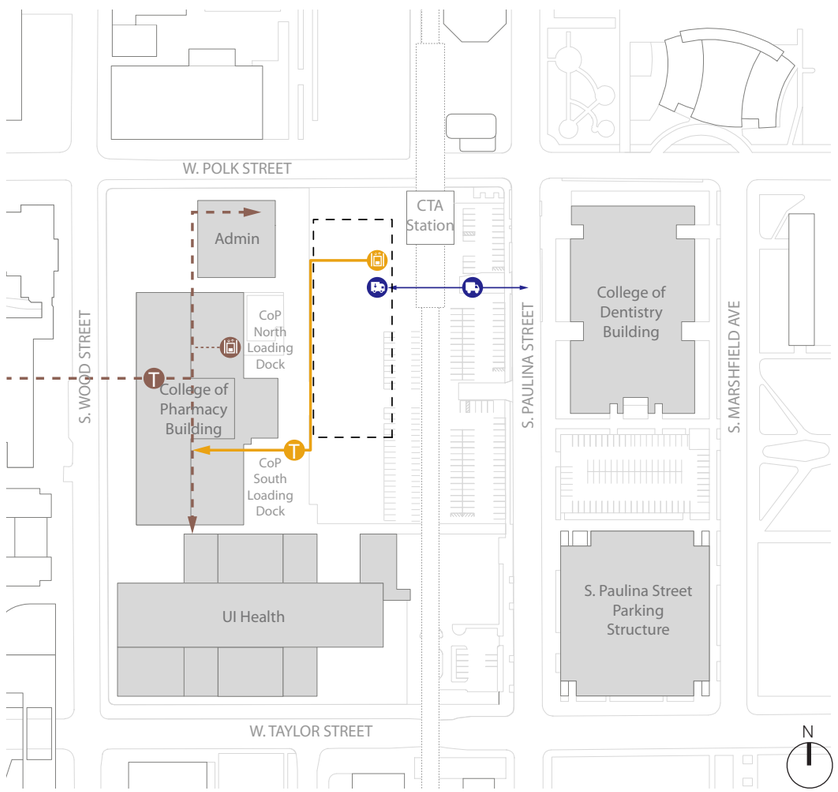
This path of service vehicles has been identified as challenging for users of the College of Dentistry on the other side of S. Paulina Street. Users include clinical patients from the public that already dangerously cross S. Paulina Street outside of pedestrian crosswalks. As part of the DDCRP project, the University plans to convert surface lot E to card access only, to redirect clinical patient parking to the east side of S. Paulina Street to remedy this issue.

The loading dock of the DDCRP will nearly entirely replace the functionality of the existing south and north docks at the College of Pharmacy building, eliminating regular truck traffic along DDCRP to the west (which would be in conflict with the desired pedestrian circulation along Park Livingston Health Walk). Details of this are as follows:

- All regular deliveries to College of Pharmacy building and regular waste haul-off from College of Pharmacy building will be received at the DDCRP loading dock. Materials will be routed through the tunnel system below grade (refer to Section 6.6).
- The Pharmacy Building North Dock will not remain in use after the DDCRP construction. It will be repurposed to pedestrian-friendly hardscape and/or softscape as part of the DDCRP project.
- The College of Pharmacy Building South Dock will remain accessible to vehicles only during early morning hours, before 7 am, when pedestrians are not present on Park Livingston Health Walk. College of Pharmacy Building construction project refuse removal is what is imagined to still be handled through the College of Pharmacy Building South Dock.
- The existing liquid nitrogen (LN2) tank adjacent to the College of Pharmacy Building South Dock will stay where it is, and the monthly refills of this tank will be unimpeded, since the truck normally comes between 12 and 4 am. Site design should enable this continued access. The DDCRP design shall include a new dedicated LN2 tank, to be located along the new DDCRP loading dock.
- Park Livingston Health Walk is to be designed for space shaping and pedestrian experience, but also enable this off-hours truck traffic described above, similar to how it will serve as a fire lane supporting the weight and maneuverability of fire trucks.

The components required at the exterior of the loading dock, in or near the dock apron, include compactors and dumpsters and are outlined in Section 2.2. The loading dock access would then serve as refuse pickup as well. Autoturns and maneuverability of garbage trucks should be studied by the Design Build Team, specifically with regards to existing CTA track structures.

Truck Circulation
Existing Service Circulation
Proposed Service Circulation
Existing Service Elevator
Proposed Service Elevator
Existing Tunnel
Proposed Tunnel
Truck



3.9 VIBRATION & NOISE

When considering the location of various programmatic elements on the site, careful planning and design must be conducted to achieve the vibration and noise control required of some of the laboratory spaces, despite the inherent vibration and noise presented by the CTA line.

The following sections of this book should be referenced on this topic:

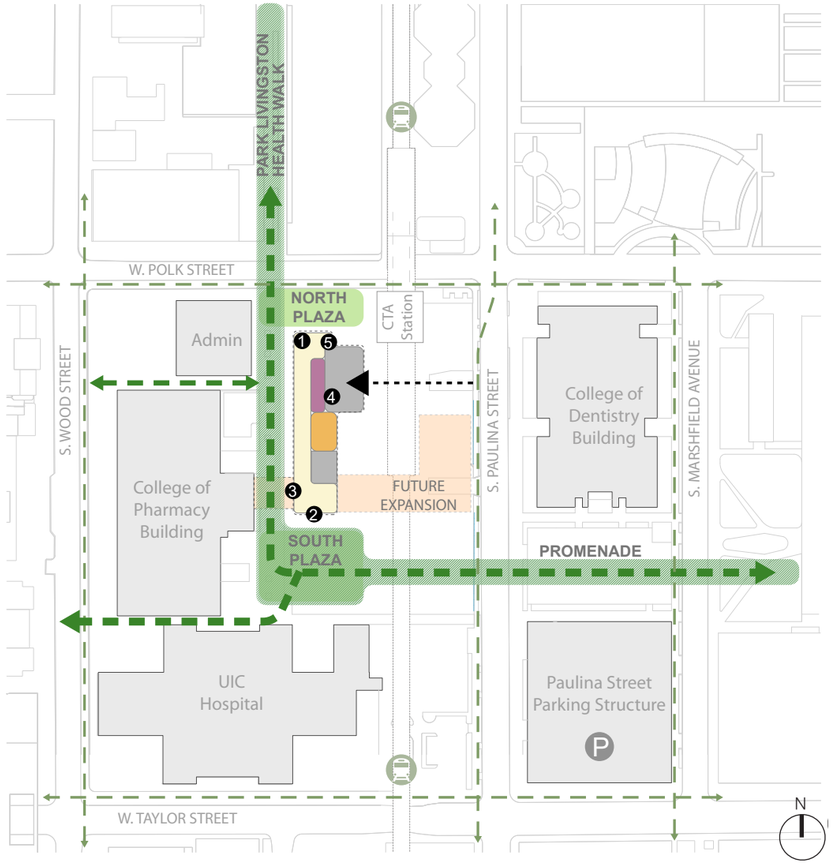
- 8.1 Structural
- 8.10 Vibration and Noise Mitigation
- 10.1 Lab Spaces

An example of this is the Ground Level Instrumentation Lab, which has vibration requirements that could benefit from this space being placed on-grade where there is no basement beneath.

3.10 SITING

This diagram describes the anticipated building siting and major grade-level components, as informed by the various considerations and criteria described in the preceding sections of Chapter 3.0.

Health Sciences Greenway
❶ Main North Entry
❷ Main South Entry
❸ West Entry
❹ Loading Dock
❺ “Science on Display” Labs
◀- Loading Dock Access



3.11 UTILITIES

EXISTING UTILITIES

The Design Build Team should work to avoid displacing active university utilities where possible. However, it is anticipated that the proposed location of the new facility will displace some existing university utilities. The new construction will likely require the removal and reroute of site electrical lines and sewer structures and piping. The vacated Hermitage Ave (also known as Park Livingston Health Walk) may contain existing and abandoned utility lines.

UTILITY IMPROVEMENTS

The new DDCRP will necessitate significant site utility improvements, including storm water, sanitary sewer, water, gas, electrical, and data. Please reference Chapter 8 of this report for more detailed information on site utility requirements.

4.0

CODES + STANDARDS

4.1 AUTHORITY HAVING JURISDICTION

The Authority Having Jurisdiction is the State of Illinois Capital Development Board (CDB).

4.2 APPLICABLE CODES

The following is a list of governing codes:

- International Building Code – IBC 2024 Edition (excluding Chapter 11)
- International Existing Building Code – IEBC 2024 Edition
- International Fire Code – IFC 2024 Edition
- International Mechanical Code – 2024 Edition
- International Property Maintenance Code – IPMC 2024 Edition
- National Electrical Code NFPA 70 – NEC (latest edition adopted by Authority Having Jurisdiction (AHJ))
- Illinois Elevator Safety and Regulation Act – ASME A17.1 2019 Edition
- Illinois Plumbing Code – IPC 2014 Edition
- Illinois Environmental Barriers Act – IEBA 2017 Edition
- Illinois Accessibility Code 2018 – IAC
- Illinois Stretch Energy Code, 20 ILCS 3125/55 (latest edition adopted by Authority Having Jurisdiction (AHJ))
- Green Building Act (20 ILCS 3130/1)
- Office of the State Fire Marshal Administrative Rules
- City of Chicago Building Code Sections – Connections to City of Chicago Utilities

4.3 APPLICABLE STANDARDS

The following list of applicable standards is not all-inclusive. See Chapter 35 – Referenced Standards of the 2024 IBC for complete list of reference standards. Additional standards pertaining to specific building systems are listed and referenced in, but not limited to, Section 7.1, Chapter 8.0, and Chapter 9.0.

- NFPA 10 - Portable Fire Extinguishers, latest edition adopted by Authority Having Jurisdiction (AHJ)
- NFPA 13 - Automatic Sprinkler Systems, latest edition adopted by Authority Having Jurisdiction (AHJ)
- NFPA 14 - Standpipe Systems, latest edition adopted by Authority Having Jurisdiction (AHJ)
- NFPA 17 - Dry Chemical Extinguishing Systems, latest edition adopted by Authority Having Jurisdiction (AHJ)
- NFPA 17a - Wet Chemical Systems, latest edition adopted by Authority Having Jurisdiction (AHJ)
- NFPA 20 - Stationary Pumps, latest edition adopted by Authority Having Jurisdiction (AHJ)
- NFPA 45 - Fire Protection for Laboratories Using Chemicals, latest edition adopted by Authority Having Jurisdiction (AHJ)
- NFPA 70 - National Electrical Code, latest edition adopted by Authority Having Jurisdiction (AHJ)
- NFPA 72 - National Fire Alarm Code, latest edition adopted by Authority Having Jurisdiction (AHJ)
- NFPA 99 - Health Care Facilities, latest edition adopted by Authority Having Jurisdiction (AHJ)
- NFPA 253 - Critical Radiant Flux of Floor Covering, latest edition adopted by Authority Having Jurisdiction (AHJ)
- NFPA 2001 - Clean Agent Fire Extinguishing, latest edition adopted by Authority Having Jurisdiction (AHJ)
- UIC Building Standards, as posted on pspm.uic.edu/project-management/building-standards/
- UIC Campus Ground Design Standards, Spring 2023 Edition
- UIC Informal Learning Space Design Standards, Fall 2023 Edition
- UIC Learning Space Design Standards, Fall 2023 Edition
- UIC Memorial Tree Standard, March 2025 Edition
- UIC Painting Standards, December 2018 Edition
- UIC Signage – Exterior Standards, July 2023 Edition
- UIC Signage – Interior Standards, October 2019 Edition
- UIC Telecommunications Building Standards, 5.2 posted on https://help.uillinois.edu/TDClient/37/uic/KB/ArticleDet?ID=942
- Capital Development Board Design and Construction Manual (DCM), latest edition published by CDB

4.4 PRELIMINARY CODE ANALYSIS

The following code information is based on our review of the 2024 edition of the International Building Code as it relates to the construction of the Drug Discovery and Cancer Research Pavilion. The intent of this preliminary code review is to provide the Design Build Team a basic understanding of the code requirements that may be relevant to the project during the design stage. The information provided is not an all-inclusive code analysis; this level of detail will be required to be developed by the Design Build team.

OVERVIEW

The overall gross area of the building is anticipated to be approximately 188,055 gsf and 112,833 assignable square feet.

The building will be five levels above street level, plus a partial basement and a mechanical roof penthouse. The building height will be approximately 86'-0" to top of Mechanical Penthouse.

BUILDING ASSUMPTIONS:

The building will be fully sprinklered.

It is not anticipated that there will be storage, use or handling of hazardous materials or flammable liquids above the allowable exempt amounts as established by the International Building Code. The University will nonetheless retain a consultant to prepare a Technical Report of Hazardous Materials to confirm types and quantities of such materials are within code limits.

Low quantities of radioactive materials will be present.

BSL2 laboratories space will be included, and no BSL3 space is proposed as a future use within the building.

OCCUPANCY CLASSIFICATION

The DDCRP is to be used as a research facility and is therefore classified as a Business Group B Occupancy.

CONSTRUCTION TYPE

The construction type of the new DDCRP building will be determined by the Design Build team. The Research Labs on the east side of the facility will have a concrete structural system, and the Administrative Office and Support side of the facility could be any type of non-combustible construction (ie concrete or steel) or mass timber. Depending on the selected structural system of the Administrative Office and Support side of the facility, the building could potentially be classified as Type 1B, Type IV-C or IV-HT construction.

ALLOWABLE HEIGHT AND AREA

The anticipated number of stories of the new DDCRP falls within the maximum allowable number of stories above grade plane per Table 504.1 of the IBC for construction Type I-B, Type IV-C and Type IV-HT. If Construction Type IV-C or Type IV-HT is selected, then the building height shall not exceed 85 feet above the grade plane per Table 504.3 of the IBC. If Construction Type I-B is selected, then the allowable maximum building height is 180 feet above the grade plane, which far exceeds the anticipated height of the building.

The anticipated gross building area for the new DDCRP falls within the maximum allowable area for the three potential construction types per Table 506.2 of the IBC

FIRE RESISTIVE CONSTRUCTION FEATURES

The following table summarizes Table 601 and Section 602 of the IBC as it relates to the fire resistive construction requirements (in hours) for Type I-B, Type IV-C and IV-HT buildings:

Building Element	Type I-B	Type IV-C	Type IV-HT
Primary Structural Frame	2 (a) (b) (c)	2 (a) (f)	HT (f)
Bearing Walls - exterior	2	2 (e) (f)	2 (e) (f)
Bearing Walls - interior	2 (a)	2	1 or HT (g)
Nonbearing Walls & Partitions - exterior (< 30' fire separation distance)	1	1	1
Nonbearing Walls & Partitions - exterior (> 30' fire separation distance)	0	0	0
Nonbearing walls and partitions - interior	0	0	See Section 2304.11.2
Floor Construction and associated secondary members	2	2	HT
Roof Construction and associated secondary members	1 (b) (c)	1	HT

(a) Roof supports: Fire-resistance ratings of primary structural frame and bearing walls are permitted to be reduced by 1 hour where supporting a roof only.
(b) Except in Group F-1, H, M, and S-1 occupancies, fire protection of structural members in roof construction shall not be required, including protection of primary structural frame members, roof framing and decking where every part of the roof construction is 20 feet or more above any floor or mezzanine immediately below. Fire-retardant-treated wood members shall be allowed to be used for such unprotected members.
(c) In all occupancies, heavy timber complying with Section 2304.11 shall be allowed for roof construction, including primary structural frame members, where a 1-hour or less fire-resistance rating is required.
(d) Not less than the fire-resistance rating required by other sections of this code.
(e) Not less than the fire-resistance rating based on fire separation distance (see Table 705.5).
(f) Not less than the fire-resistance rating as referenced in Section 704.9.
(g) Heavy timber bearing walls supporting more than two floors or more than a floor and a roof shall have a fire-resistance rating of not less than 1 hour.

Fire-Resistance ratings for interior fire barriers shall comply with IBC Section 428 Higher Education Laboratories and IBC Table 509.1 for separation of Incidental Uses.

Exterior Wall and Opening Protection

Exterior walls shall be fire-resistance rated per IBC Table 601, based on the type of construction, and IBC Table 705.5, based on fire-separation distance. Sizes and protection of exterior wall openings shall comply with IBC Section 705 and Table 705.9.

Projections and Overhangs

All projections and overhangs from the exterior face of building shall be of noncombustible construction to avoid the need for sprinkler protection and shall comply with IBC Section 705.

Fire Resistance Ratings at Bridge and Tunnel Connections

The bridge and tunnel connections allow the new DDCRP to be an extension of the existing College of Pharmacy Building, allowing occupants and services to travel between the two buildings without stepping outside.

From a code standpoint, the new DDCRP will be considered a separate building, triggering requirements for fire-rated assemblies at the point of connection. Refer to the Conceptual Life Safety Diagrams in Section 12.5 for a graphic depiction of the anticipated fire-rated assemblies. Per Table 705.5 of the IBC, exterior walls of buildings that are less than 30’ from an adjacent building require a 1-hour rating. The north and south exterior walls of the bridge are within 30’ from the face of the existing College of Pharmacy Building and are therefore shown as rated. Opening protectives (i.e. rated glazing, sprinkler curtain, etc.) will be required along these walls.

Per Table 706.4 of the IBC, a 3-hour rated firewall will be required to separate the two buildings. The existing exterior wall of the College of Pharmacy Building is masonry, but it is unknown if it currently meets the requirements of a 3-hour rated firewall per IBC section 706 without triggering modifications.

A new exterior wall at the west end of the bridge could be constructed to meet the firewall requirements. New door openings located within the firewall at the point of connection will also require a 3-hour rated assembly per Table 716.1(2) of the IBC. The horizontal assembly separating the bridge from the roof of the second floor of the existing building would also require a 3-hour rating, per IBC Section 510.2.

There are existing windows and louvered openings on the east face of the College of Pharmacy Building that are located outside of the bridge connection that may require modifications to provide fire-rated opening protectives, due to their proximity to the new firewall. Refer to section 706.5.1 of the IBC.

The tunnel connection shall meet requirements in IBC Section 3104 for pedestrian walkways and tunnels.

EGRESS COMPONENTS

Doors serving as part of the egress system shall be a minimum clear opening width of 32 inches and a minimum height of 80 inches. Stairs and corridors serving as part of the egress system shall be a minimum of 44 inches wide. Doors opening into the path of egress travel shall not reduce the required width to less than one-half during the swing. Actual required widths may be greater than those noted based on occupancy loads.

Two egress stairways will be required with an area of refuge within an enlarged floor-level landing. The clear head room in stairs shall not be less than 80 inches.

Occupants in the basement and floors other than the first shall have access to not less than two exits.

Two exits are required for all areas serving an occupant load of 50 or more. Where two exits are required, they shall be placed a distance apart equal to not less than one-third of the maximum overall diagonal dimension of the area served, where a building is equipped throughout with an automatic sprinkler system.

The length of a common path of egress travel shall not be more than 100 feet and the exit access travel distance no more than 300 feet, provided that the building is equipped throughout with an automatic sprinkler system. The maximum length of a dead-end corridor shall not be more than 50 feet, where the building is equipped with an automatic sprinkler system.

The point of connection to the existing College of Pharmacy Building will serve as a horizontal exit for the new DDCRP bridge. Users occupying the programmatic spaces within the bridge will pass through the 3-hour rated firewall to exit into the College of Pharmacy Building. Refer to IBC Section 1026 for horizontal exit requirements.

Refer to the Conceptual Life Safety Diagrams in Section 12.5 for a graphic depiction of the anticipated paths of egress.

FIRE TRUCK ACCESS

The site will be designed to allow for fire truck access from all sides—refer to Section 3.7.

4.5 CAMPUS SPECIFICATIONS

UIC Building Standards contain campus specifications that apply to the new DDCRP. Refer to https://pspm.uic.edu/project-management/building-standards/ for the most up to date standard specification sections, organized by division. These standards establish a quality baseline and any deviations will require approval from UIC.

5.0

SUSTAINABILITY CRITERIA

5.1 OBJECTIVES

The project shall be designed to achieve LEED Gold under the LEED v4 BD+C: New Construction rating system. Note LEED v4 registration closes on 6/30/26 (must be certified by 6/30/2032). Within this rating system, a priority for the owner is addressing long term cost, both in terms of maintenance/operations and energy cost. Other areas the owner and user group are interested in paying special attention to are:

- Indoor Environmental Quality
- Materials Toxicity
- Emodied Carbon
- Water Conservation
- Human Experience
- Flexibility

Refer to section 13.15 for a preliminary LEED Scorecard identifying credits that are required by UIC and other possible credits the Design Build Team could pursue.

5.2 TACTICS

CLIMATE

Any design that attempts to respond to the local environmental condition must be based on a close analysis of that climate. The degree to which the building needs to provide shelter and how the requirements for shelter change over the day and year directly influence the optimal design of the building and its systems. Critical climate factors are air temperature, humidity, and solar radiation.

The Design Build Team shall will explore climate characteristics and how they impact the building and surrounding campus.

MASSING & ENVELOPE

Incident Solar Radiation
Solar radiation, or heat from the sun, is influenced by geometry, location, surroundings, cloud cover and atmospheric factors. In this climate, reducing heat gains from the intense sun during hot summers will be essential for improving energy performance. On the other hand, facades must still transmit daylight and views outside, and there may be some benefit from allowing limited solar heat gains in winter, when the building operates in heating mode.

The performance of facades will be crucial to the overall energy-efficiency of the project. In order to maximize the potential energy savings, solar loads must be reduced as much as possible. Given the importance of solar gains and its effects on the building's cooling load, external shading is an effective strategy to minimize air-conditioning loads while maintaining occupant comfort.

Exterior Shading and High-Performance Glazing

Exterior shading shall be considered for portions of the facade while integrating high performance glazing to offset any anticipated heat gain. North facades will require little external shading. The Design Build Team shall consider maintenance impacts and prevention of potential bird nesting for the design of any exterior shading assemblies.

Daylight

The lab spaces themselves will likely receive little direct sunlight, but lab users to have a visual connection to the outdoors through the tech spaces. Within the lab module, tech spaces, along with other workspaces along the perimeter, shall be well-daylit and should see significant energy savings from daylight controls. Private offices should have transparent or translucent partitions to the corridors so that the corridors can get borrowed daylight through these spaces. Circulation space does not require light levels as high as workspace, so it is likely the corridors can benefit from daylight dimming even though they aren't on the perimeter. Other spaces, such as offices, interaction spaces, and conference rooms, to all be well daylit.

Glare analysis shall be completed by the Design Build Team to test visual comfort for offices or interaction spaces.

CONDITIONING & ENERGY SYSTEMS

High Performance Laboratory Design

In laboratory buildings, ventilation systems constitute a large portion of the building's energy use and cost. Because labs usually require 100% outside air for safety reasons, all air introduced into the lab spaces must be heated or cooled to supply temperature and blown through the ductwork using fans. Air is required both for general (background) ventilation and to make up for air extracted through fume hoods.

For both general lab ventilation and fume hoods, high performance options are available and becoming more standard in academic research facilities. These options can reduce the energy use and ongoing energy cost associated with labs greatly. These should be evaluated and cost benefit analysis completed during the design phase.

Lab Ventilation Rates

Lab ventilation rates often have the largest effect on the whole-building energy performance of lab buildings, and reducing these rates is often the single most effective way to reduce energy use. Due to the large energy use and cost associated with lab ventilation, measures that reduce air exchanges typically have quick paybacks.

Air quality sensing has been identified as a strategy to explore for reducing lab ventilation rates for the DDCRP project. With this approach, air quality sensors continuously sample air quality at preset intervals to detect contamination, making it less important to have continuous elevated air changes. When contaminants are detected, the air change rate increases quickly. These systems require more complex controls tied to the BAS. The type and location of sensors must be chosen based on the likely use and layout of each lab. Air quality sensing will reduce daytime and nighttime energy use, along with peak energy use.

With air quality sensing, the mechanical system is still sized for full ventilation but is allowed to set back to lower ventilation rates when it is safe to do so.

This strategy and others shall be explored by the Design Build Team. Regardless of strategy, effective zoning of lab spaces is important to ensure that the maximum energy savings can be attained.

High Performance Fume Hoods

After lab ventilation rates, fume hoods are often the largest energy users in laboratory buildings. Because they draw large volumes of air to be exhausted, makeup air must be introduced to the labs to maintain fresh air and pressurization. This makeup air is 100% outside air, and therefore requires heating and cooling before being supplied to the labs, and fan power to blow the air through the ductwork.

Reducing the air volume that runs through the fume hoods is one of the most effective ways to reduce the energy use. There are several ways to introduce higher-performing fume hoods into the design, and two that might be most appropriate to explore for this project include:

- Sash Controls: These controls automatically reduce sash height when the hood is not in use, solving the problem of hoods that are accidentally left open. Depending on the design of the mechanical system, the hoods can close completely or can close to a minimum height needed for general room exhaust. To be effective, variable volume hoods must be used so face velocity is kept constant while air volume is reduced.
- Proximity sensors: Sensors are used to reduce face velocity based on the proximity of users to the hood. When lab occupants are far from the hoods, the face velocity is reduced to 60 fpm from a standard rate of 800 or 100 fpm.

These strategies and others shall be explored by the Design Build Team.

Other Energy Efficiency Measures

The Design Build Team shall explore several other energy efficiency measures (EEMs) that contribute to energy efficiency including the following:

- **Chilled Beams**: reduces fan energy by using chilled water to accomplish cooling in a space, rather than relying on air to provide cooling capacity.
- **Process Water Chilled Loop**: This water-based system would obtain its cooling from the same chilled water loop as the chilled beams and would reject heat through the building system rather than reintroducing it into the space.
- **On-site Heat-Recovery Chiller**: provides high temperature and chilled water, allowing the building to produce the hot and chilled water simultaneously needed to accomplish dehumidification and temper outdoor air.
- **Energy Recovery Ventilation**: recommended as a way to reduce energy for conditioning outside air.
- **Demand Control Ventilation**: reduces the amount of air delivered to unoccupied non-lab spaces, such as conference and interaction spaces.
- **Lighting Power Density Reduction and Daylight and Occupancy-Sensing Lighting Controls**: significantly reduces electric consumption.

WATER & LANDSCAPE

The Design Build Team shall provide a whole building water analysis to estimate the quantity of water which will be used in DDCRP, recommend methods for reducing potable water use, and estimate the water savings for LEED Water Efficiency credits. Annual water savings, LEED points and storage needs have been analyzed for several options.

Efficient Fixtures

The most cost effective method for reducing potable water use is to specify and install water efficient fixtures throughout the building where feasible.

- Urinals: 0.1 gpf
- Lavatory Sinks: 0.5 gallons per minute (gpm) with sensors
- Showers: 1.5 gpm
- Kitchen Sinks: 0.5 gpm

Water Reuse Options

UIC does not seem interested in pursuing this option.

MATERIALS

Material selection has a direct impact on occupant health and productivity. It also directly impacts the project's overall carbon footprint. As the design team selects materials for the project, there are several environmental issues to consider:

- Low embodied carbon, including extraction, manufacturing and transportation
- Low toxicity materials
- Low emitting materials
- Local, regional manufacture and extraction
- Other sustainable sourcing issues, such as FSC wood
- Design for durability and ease of cleaning
- Long life, limited maintenance
- Easy to clean with environmentally friendly products
- Reduce material use overall

Building Life-Cycle Impact Reduction

Reduction of impact categories identified by USGBC shall play a role in material selection and overall design. Conduct a whole building life-cycle assessment to demonstrate the minimum reduction required by LEEDv4.

Low-Emitting Materials

Selection of interior materials will play a critical role in promoting occupant health and comfort.

Emissions from materials are a health concern, especially for people with respiratory problems or chemical sensitivity. Many materials "off gas" chemicals for a time after they are installed or manufactured. Once the building is enclosed, these chemicals remain in the indoor air. These emissions also contribute to smog and other forms of outdoor air pollution and produce much of the odor in new buildings. Recent studies have linked the quality of the indoor environment to occupant health, and in some cases air quality has been shown to directly impact occupant performance.

Materials with low VOC (volatile organic compound) content improve indoor air quality and increase health and comfort for inhabitants. Carpets, paints, adhesives, sealants and finishes typically have high VOC content but are now widely available with low- or no-VOC content. In addition, carpets should be selected that meet the Carpet and Rug Institute's Green Label Plus requirements.

Embodied Carbon

Embodied carbon is a measurement of the carbon emitted during the extraction, processing, transport, installation, and eventually discard of a product. Local materials reduce embodied carbon by minimizing transportation. Recycled materials or those with minimal processing will also have lower embodied carbon. Selecting high volume materials with a low transportation and extraction footprint can make a significant impact on the project's embodied carbon footprint.

Cross laminated timber can reduce the carbon footprint of new buildings. Producing one ton of concrete emits nearly one ton of carbon dioxide into the atmosphere. Sustainable wood production sequesters carbon. CLT is a relatively new, but proven, technology that can replace concrete in many large building applications.

Recycled Materials

Recycled materials can either be post- consumer (material that has been through the public recycling process) or post-industrial (material that is a by-product of manufacturing). Post-consumer products are preferable because, in addition to reducing waste, they create incentive for manufacturers to buy recycled material from municipal recycling centers. Post-industrial recycled materials encourage manufacturers to reduce waste, though in many cases re-use of by-products is already standard practice. Concrete with slag and recycled aggregate is a common postindustrial recycled material, and recycled materials can often make attractive finish materials, for instance concrete, glass aggregate, or plastic counter tops, and tiles may incorporate recycled glass or other materials.

FSC Certification

Other sourcing priorities may include rapidly renewable materials (those that come from sources that grow in ten years or less) or sustainable harvested products which carry a third-party certification verifying that the raw materials were grown under environmentally sound conditions.

The most prominent example in the U.S. is the Forest Stewardship Council's (FSC) certification process for wood and wood products. For wood products, FSC certified dimensional lumber and plywood should be used. Laminated wood products, such as LVLs, are resource-efficient and use young-growth trees. Any laminated wood products, including OSB or plywood, should contain no urea formaldehyde adhesives.

6.0

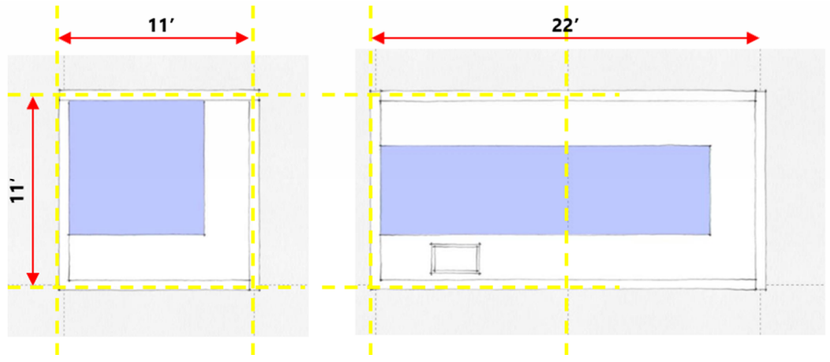
ORGANIZATIONAL CRITERIA

6.1 MODULARIZATION

The laboratory concept is based on modular planning units, utilizing multiples of a standard laboratory module of 11'-0" x 11'-0". The laboratory concept is additionally organized by "research planning unit," a grouping of spaces intended to support a research group of a specific personnel size.

LOGIC BEHIND MODULAR LAB DESIGN

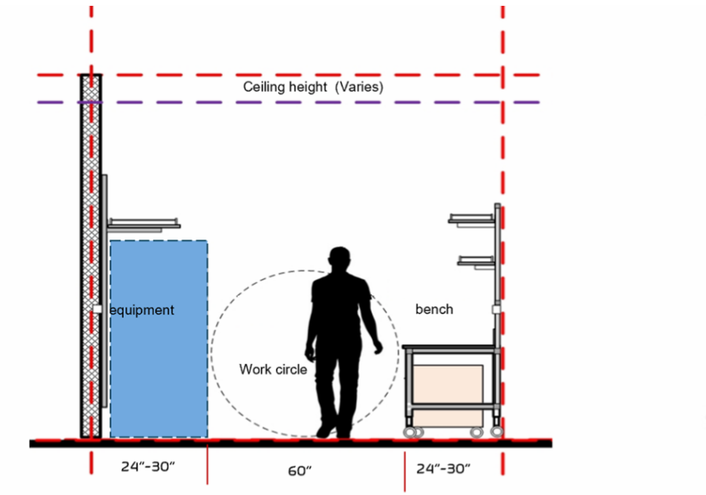
- It allows for flexibility in accommodating future changes
- It establishes a rigorous building system approach for economy of services
- It accommodates diverse users. Modules can be used to create labs of multiple sizes ranging from a single module to 100's of modules
- Working within modules mitigates any wasted spaces and odd shaped rooms



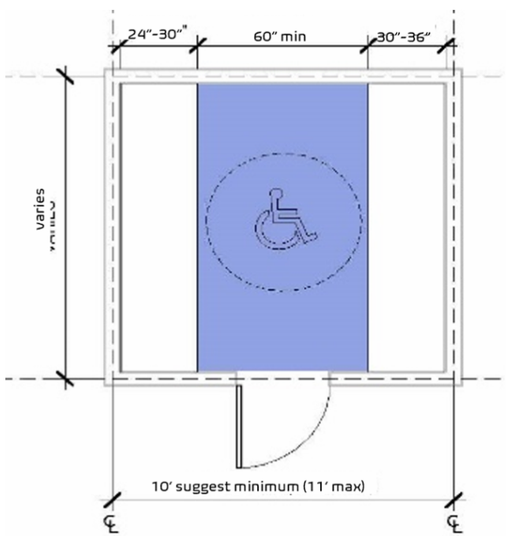
LOGIC BEHIND THE 11'X11' MODULE

Ideal module sizes can range depending on function. For DDCRP, the following describes by the 11' module was chosen.

- It allows for 24"-30" wide wall benches, 5' island benches, and sufficient aisle space for staff working back-to-back.
- It aids in the acoustic mitigation approach. The module is inclusive of wall thickness to each side (where applicable), and typical stud walls are 3 5/8" to accommodate recessed emergency shower, eyewash stations with multiple layers of gypsum board on each side.
- It works in conjunction with typical column grids of 33' by 33' to minimize the intrusion of columns in the labs.
- It provides some future-proofing for unknown equipment sizes of the future and an increase in accessible turning radius as regarded by ICC, which is not adopted by UIC yet but reflects the way things are moving for betterment in this area.



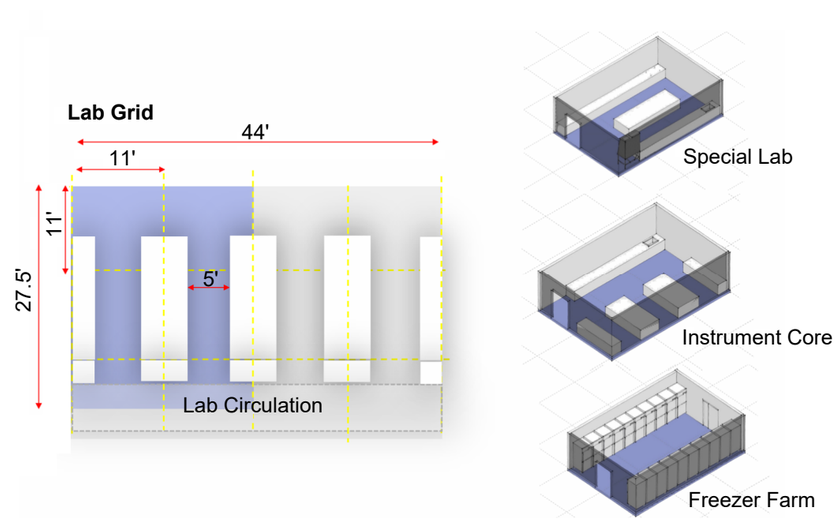
Lab Module (11'x11")



APPLICATION OF THE PLANNING MODULE

For the DDCRP, the following assemblages have been developed to generate the facility program and concept:

- A Wet Lab Module is designed at 2 modules wide by 2.5 modules long (22'-0"x27'-6").
- For the Laboratory Support Rooms:
  - Small research support is designed at 1 module wide by 1 module long (11'-0"x11'-0")
  - Large research support is designed at 1 module wide by 2 modules long (11'-0"x 22'-0")
- A linear equipment zone is designed at 1 module wide by 2 modules long (11'-0"x 22'-0")
- Additional Common Laboratory Support consists of various space types, is designed to varying module quantities, and is described in the area tabulation.



THE RESEARCH PLANNING UNIT

A "research planning unit," as referenced in the program tabulation of Section 2.2, is defined as 1 principal investigator (PI) and 6 research staff. While it is anticipated that the research teams that ultimately occupy the building will vary in size according to equipment needs, funding, PI seniority, etc., and while the intent of the building is to support more flexibility in spatial assignments than other lab buildings on campus, this "research planning unit" is used to establish relative space allocations of lab, lab support, private office, and open workstations of the DDCRP.

The program in Section 2.2 comprises 50 "research planning units," which equates to 50 PIs and 300 research staff.

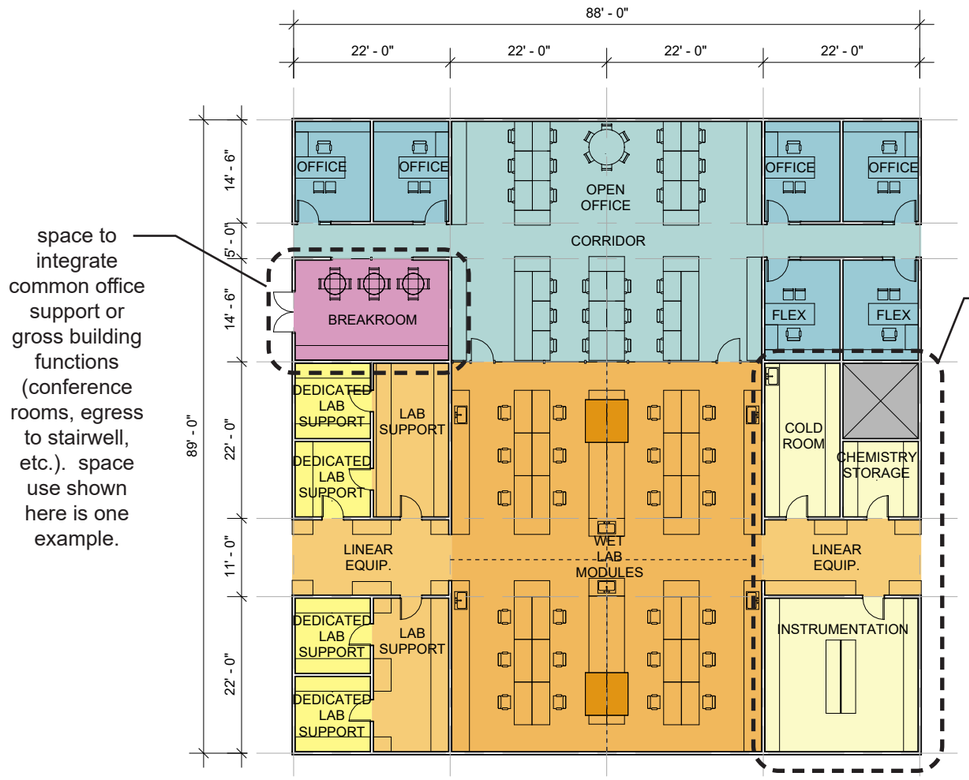
Note that the footprints of a "research planning unit" varies across the two categories of "Medium Density" and "High Density" (refer to Section 6.2 for context).

6.2 RESEARCH NEIGHBORHOODS

Within the wet lab research areas of the building, a specific relationship between labs, lab support, private offices, and open workstations, called “research neighborhoods” in the book, is an important organizational criterion for the University. Such a relationship across spaces will influence the “culture” of the research environment as well as have the power to make or break the criteria for success outlined in Section 1.2. The University’s desired “research neighborhood” relationship is diagrammed on the following pages and described in detail below.

ATTRIBUTES & MERITS

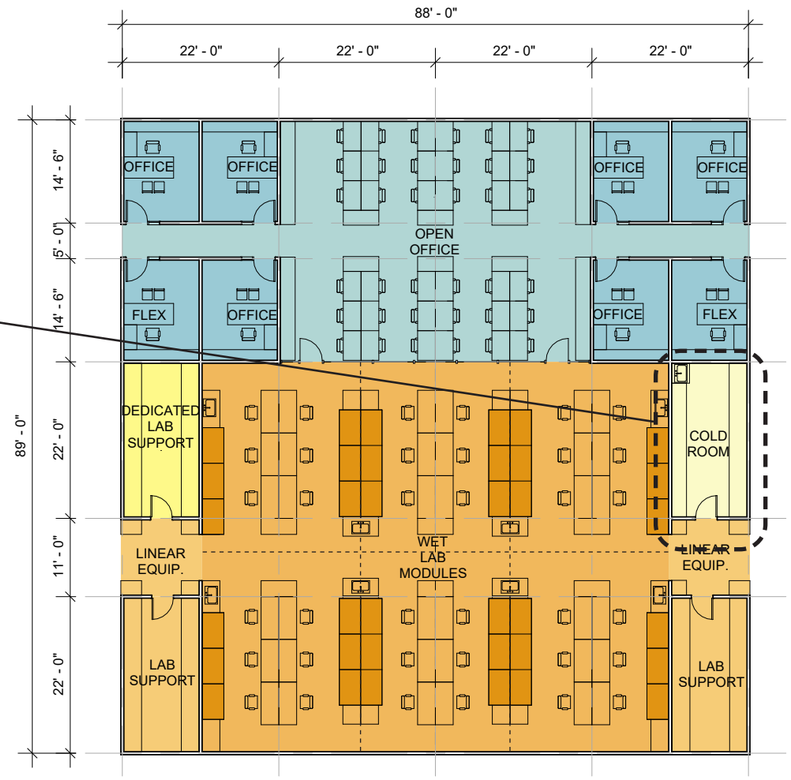
- Wet lab benches (within the “wet lab modules” in the program tabulation) and dry workstations (referred to as “open workstations” in the program tabulation) are to be grouped together to create a single, fluid, open lab or work space, respectively. Benches/desks (and even zones or rows) within them will remain assigned or “dedicated” to a specific research team. However, by having the wet lab modules and dry workstations consolidated together without walls or closed doors between them, (1) the University will be able to expeditiously provide space to emergent research groups over time (sans disruptive construction), (2) the University can optimize resource use by right-sizing assigned workspace both initially and over time (e.g. turn any fraction of underutilized bench/desk space over to another research group who may need it), and (3) the space will be supportive of the desired “osmosis” effect (see Section 6.4) across researchers regularly working from a shared environment. In the case of the dry workstations, lockers or mobile storage units will be provided to secure personal items in the absence of closed doors between research groups.
- With that said, within a given research floor, not all wet lab modules are congregated together, but rather groupings of 4-6 “research planning units” come together to form a neighborhood. This accomplishes several things: (1) it allows lab support to remain convenient and proximate in its location, as a natural break between wet lab modules, (2) it provides a social intimacy, sense of belonging, and coinciding level of responsibility to one’s peers in keeping a neat work space and being respectful of others’ work zones, and (3) allows for a certain amount of sectioning off of labs for functional reasons (e.g. placing all research groups with noisy equipment in a single neighborhood, to reduce the disruption to other research space on the floor).
- The open plan workstations intended for Post Docs / Research Scientists / Graduate Students / Technicians as “write-up” areas are located immediately adjacent to their respective laboratories.
- The relationship of dry space and wet labs divided only by a glass partition is highly desirable. This accomplishes several things: (1) it enables sightlines between wet lab benches and “write-up” desks (dry workstations) for safety and monitoring progress, (2) it creates the desired “osmosis” effect (see Section 6.4) via passive exposure to others’ work along the “commute” to one’s own lab, and (3) it enables further travel of natural light across various times of day, in support of a potential daylight autonomy credit for LEED.
- The Linear Equipment Rooms (1) combine the function of circulation across labs with equipment space for efficiency of space use, (2) provide direct access to all labs from a service elevator without requiring movement through the office environment, (3) link adjacent neighborhoods to create a culture of collaboration and belonging, and (4) serve as neutrally accessible access points into lab support spaces to offer flexibility in lab support assignment and/or sharing over time.
- The arrangement of spaces in the diagram enables natural light and views to be provided across all space types (private offices, open workstations, wet lab modules, lab support) via exterior windows.
- Stackable lab and office zones are established for maximizing impact of the budget.
- Private offices and flex offices (intended for a single Faculty member or Principal Investigator, or shared by Post Doc & Tech staff), and located in close proximity to the open plan work area used by their research staff, their laboratory, as well as one another for purposes of efficient workflows and optimized oversight and collaboration.
- Office and open workstations are set up on a module that relates to the lab module, which enables (1) ease in planning, (2) efficiency in building systems and construction, and (3) maximum flexibility and adaptability for reassignment of space in the future.
- Additionally, the “research neighborhood” as depicted in the diagram roughly maximizes the east-west and north-south building dimensional constraints of the site.



space to integrate common office support or gross building functions (conference rooms, egress to stairwell, etc.). space use shown here is one example.

space to integrate common lab support or gross building functions (shafts, vertical circulation, MEP spaces, etc.) as required. space use shown here is one example.

Medium Density Fume Hood Lab Neighborhood



High Density Fume Hood Lab Neighborhood

LEGEND
- fume hood
- lab
- lab support
- common lab support
- dedicated lab support
- office
- open office
- support

3/64"=1'-0" 0' 5' 10' 20'

FUME HOOD DENSITY

Neighborhoods (and the lab and lab support spaces within them) are thought of in two varieties based on the intensity of infrastructure needs, and in particular, fume hood needs. Wet research lab spaces of greater intensity are categorized as “High Density” and feature up to 6 chemical hoods per “research planning unit.” Wet research lab spaces of lesser intensity are categorized as “Medium Density” and feature 1 chemical fume hood per “research planning unit.”

Approximately 70% of lab space will be comprised of “Medium Density,” (8 neighborhoods) with the remaining 30% comprised of “High Density” (3 neighborhoods) for a total count of approximately 168 fume hoods. However, note that the design of the labs as described in this book is intended to enable lab spaces to be convertible between “Medium Density” and “High Density” as required over time.

PI QUANTITIES

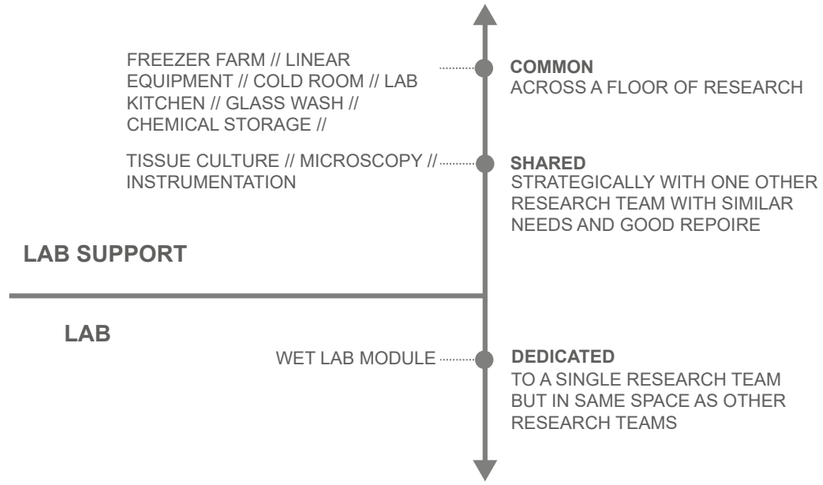
Refer to Section 6.1 and how the term “research planning unit” is defined for this project. Each “research planning unit” is associated with one PI, for planning purposes. With that said, a “Medium Density” neighborhood is anticipated to support four (4) research planning units, or PIs. A “High Density” neighborhood is anticipated to support six (6) research planning units, or PIs.

USER GROUP ASSIGNMENTS

The research areas are intentionally designed without the pre-meditated assignment of spaces between CoP, UI Cancer Center, and Department of Chemistry user groups. The labs are designed to be responsive to and supportive of various interior configurations and equipment/service needs, such that they can serve diverse and evolving needs over time, or even on Day 1. The user groups plan to treat Day 1 lab assignments in a inter-disciplinary fashion, likely placing researchers from various user groups within the same research floor or even research neighborhood. Various factors such as potential for synergy, pre-established collaborative working relationships, and lab functionality, will be taken into consideration when placing groups. See Section 1.3 Implementation Details for related information.

THE SHARING OF SPACE

In keeping with the project objectives of maximizing the impact of the project budget and strategic sharing of resources for collaborative enablement, what “sharing” means to the project was carefully explored. Inside the research neighborhoods, the open/consolidated wet lab modules and neutrally accessible lab support spaces may imply more sharing than is actually intended. As informed by many conversations with University personnel and researchers, the program tabulation of Section 2.2 attempts to be clear about what is appropriate to be “dedicated” versus what is “strategically shared” versus what is “common,” which is mapped out more abstractly in the diagram below. Section 1.3 Implementation Details describes how this concept will come into clearer picture as part of the Design Build process.



IMPLEMENTATION DETAILS

Due to the following realities, the final list of research groups to occupy the new DDCRP wet lab research areas were not identified at the time of the Bridging Documents creation:

- The evolving and sometimes ephemeral nature of scientific research initiatives at higher education institutions
- The goal of the project to be state-of-the-art and thus supporting of the latest research at the time of building opening
- The fact that the actual delivery of the DDCRP will not happen for a number of years from now
- The research team placement across buildings on campus making for a complex puzzle of active discussion

As a result, for the wet lab research areas, the Bridging Documents provide prototypical lab building blocks and identify the likely distribution of intensity level of lab : lab support ratios, as informed by interviews and site visits with university personnel. In order to advance the design and capture the remaining nuanced requirements of the building's "Day 1" research occupants, the following steps are anticipated as part of the Design Build process:

During Design Phase:

- Each department/college provides final list of Principal Investigators (PIs) and assigns # of "research planning units" to them (based on seniority, equipment needs, team size, or other university-determined factor; refer to Section 6.1 for more on "research planning units")
- PI selects from lab building blocks to suit their needs. PIs can opt to share support spaces with another research group to maximize their lab space and would declare this at this time.
- Department/college and PIs share any required or volunteered PI adjacencies
- Design Build Team uses the above information to develop "Day 1" configuration of labs (with the goals of economy of building services + sustainability + qualitative criteria)
- Department/college produces equipment schedules with guidance of Design Build Team

During Late Design Phase or Possibly Construction Phase:

- Specific tweaks required within labs are identified with PIs (specific placement of equipment, fume hoods, services within room, floor v bench space ratios, open shelving v cabinet v drawer quantities, etc.)
- Flex office uses determined

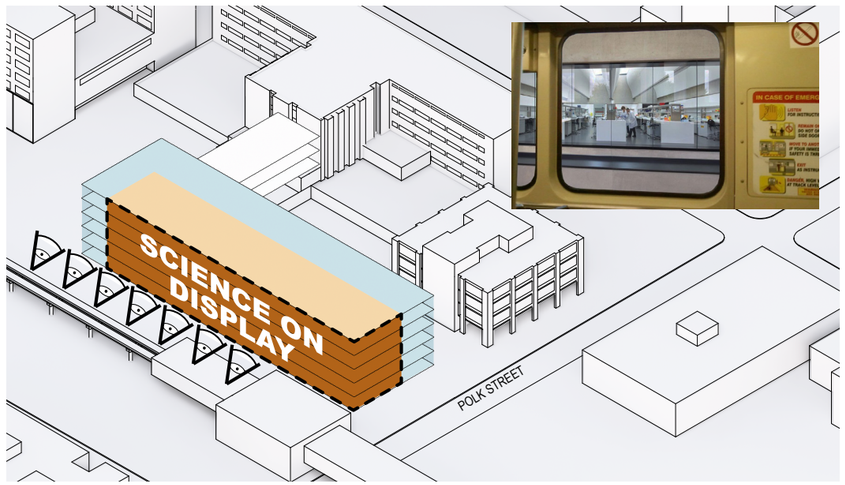
6.3 SCIENCE ON DISPLAY

The adjacent CTA station provides a grand opportunity to put science on display. The DDCRP will not only be seen by the campus but the citywide public. Research labs are to be placed on the east elevation, and the facade designed such that science, particularly the open wet lab modules, is framed and exhibited.

Within the building, the visitor experience should be designed to showcase the research being conducted. The user group has identified two promising opportunities for this:

- The instrumentation lab designed to support High Throughput Screening equipment operated by UICentre is a candidate for placement along the ground floor entry sequence / concourse, with transparency into the lab.
- The Advanced / Microscopy Suite would benefit from being at grade due to its low vibration requirements, and while not a space that lends itself to transparency, could be feeding fascinating imagery to a large digital display along the ground floor entry sequence / concourse.

Additionally, the interior design configuration and qualities should shape curated tour routes to promote ongoing development and fundraising.



6.4 COLLABORATION CATALYST

The building must act as a catalyst for collaboration, specifically of the nature described in this section, as an important piece to its drive for research excellence.

For this project, collaboration is important within and across research groups (e.g. various Principal-Investigator-led teams), within and across disciplines (e.g. microbiology and chemistry), and within and across departments, and colleges (i.e. the CoP, the UI Cancer Center, and the Department of Chemistry). It is most meaningful outside of the lab proper, but the research neighborhood concept with fluid wet lab module space presents opportunity for collaboration at the bench as well.

Three types of collaboration are identified below, with the project-specific tactics for enabling them, and some of the even-more-specific design attributes that are meant to employ them.

CONVENING

1. Frictionless planned convening via:
   - Conference rooms for meetings
   - Multi-purpose rooms for events
2. Frictionless impromptu convening via:
   - Sitelines within research team workspace (across research assistants, and between PIs and research assistants)
3. Exposure to synergistic but interdisciplinary presentation content inside one's campus "home"
   - Multi-purpose rooms that support lectures
4. Writing surfaces prevalent throughout the building

COLLISION

1. Creation of highly utilized common paths of travel via strategic placement of commonly accessed spaces
    - Multi-purpose room located along path of travel between existing College of Pharmacy building and new DDCRP
    - Conference rooms, break rooms, restrooms located along building and floor arrival
2. Conference rooms, break rooms, and certain lab support (cold rooms, etc.) shared by a floor of researchers
3. “Found Spaces” of touchdown furnishings or alcoves integrated where possible along circulation paths to enable users to linger outside of their “homebase” (lab)

OSMOSIS

1. Exhibits and other displays of work along the commute to one’s lab
    - Exhibit space along ground floor entry sequence/concourse
    - An instrumentation lab located on the ground level that offers glimpses into High Throughput Screening equipment or imagery of Microscopy
    - Lab transparency along walk to one’s desk
    - Tackable surfaces and display cases distributed throughout building
2. PostDoc and grad student workstations no longer behind closed doors but rather co-located across several research groups

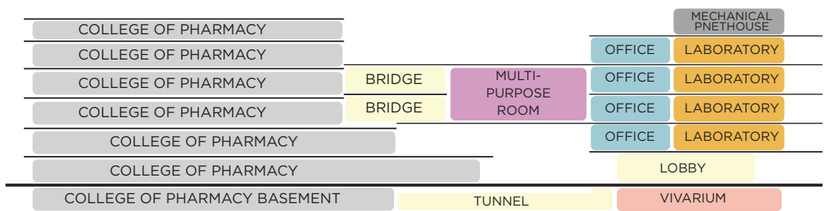
6.5 BRIDGE CONNECTION

The new DDCRP shall be physically connected to the existing College of Pharmacy building via a bridge. The Bridge will be the primary linkage between the two buildings, not just allowing users to conveniently pass between the two, but to culturally connect them together and serve as the “heart of collaboration.”

To activate the Bridge and encourage a vibrant and fluid connection between the buildings, it should:

1. House formal programmatic elements as well as more informal gathering and touchdown space, both of which will draw users from each side. For example, the Multi-Purpose Room, its Pre-Function space and nearby supporting Conference Rooms, as well as an open communicating stair, have been imagined for the Bridge thus far.
2. Be strategically placed approximate to the primary vertical circulation of the DDCRP, with a visual and fluid connection to the DDCRP Lobby / Concourse below.

The Bridge should also be designed to take advantage of natural light and views, particularly to the North along the tree-lined Park Livingston Health Walk. The Multi-Purpose and Conference rooms placed along the north edge of the bridge have been imagined thus far.



Diagrammatic Section Through Bridge

6.6 TUNNEL CONNECTION

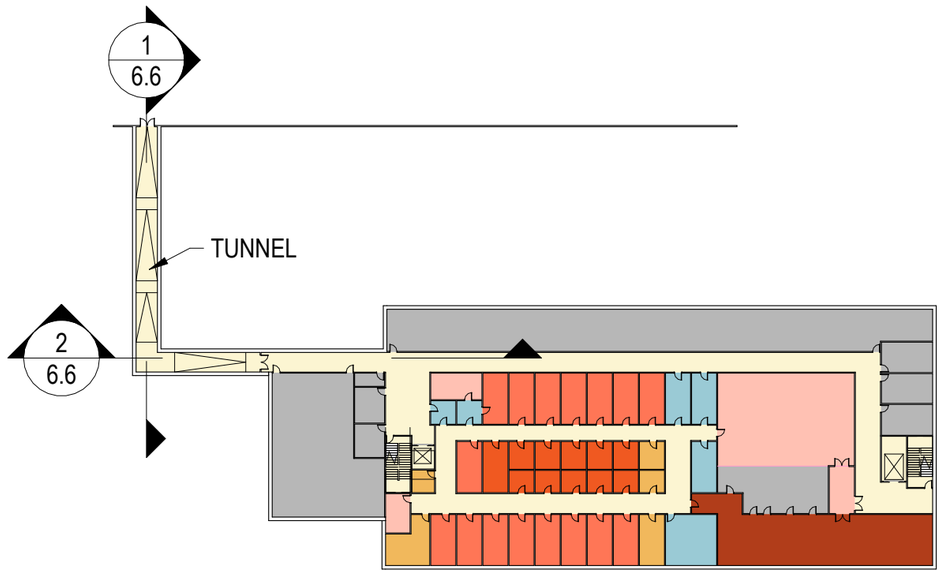
An existing underground tunnel system must be extended to the new DDCRP loading dock to the existing Campus Tunnel System via the existing College of Pharmacy building. This tunnel is intended to:

1. enable the new DDCRP loading dock to serve the existing College of Pharmacy building, replacing the majority of the College of Pharmacy building's current loading dock functionality, and
2. connect the new DDCRP Vivarium to the existing Biological Resources Laboratory (BRL) facility, such that
    - resources can be easily transported across the two locations, and
    - the DDCRP can hold some redundancy to the existing BRL facilities, to allow the BRL to receive renovation in the near future

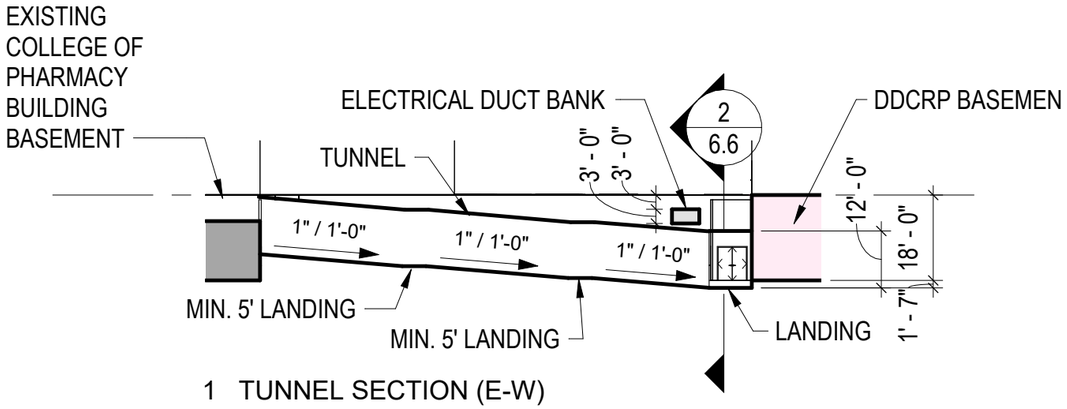
The tunnel thus must be sized to accommodate the maneuverability of any equipment used to haul deliveries and waste back and forth between the DDCRP and the College of Pharmacy building (e.g. a 1 cubic yard utility tilt truck at 6'Lx3'Wx4'H or poly box truck at 4'-6"Lx3'Wx3'H), as well as carts used by the BRL (width varies; approximate examples are 5'x3'x4' transports or 5'x2'x7' bulk carts). Per the user group, width of the existing Campus Tunnel System is sufficient but varies across conditions and buildings. For the new DDCRP tunnel, 9' wide by 9'-6" clear height with 8' wide x 9' high double doors (where required, with hold-opens and/or automatic sensors, and automatic door openers / operators) is required to allow hands-free passage of personnel, vehicles and equipment.

The depth of the tunnel will vary along the length of its extent to align with the existing tunnel system at points of connection, to clear proposed and existing utilities, and to align with the basement elevation of the new DDCRP. The tunnel will need to slope down to pass underneath the relocated electrical ductbank running below Park Livingston Health Walk. The Design Build team will be responsible for coordinating the placement of the ductbank and the final slopes of the tunnel so as to not exceed a 8.3% slope (1 unit vertical in 12 units horizontal). The following are conceptual sections showing the anticipated slopes and landing location.

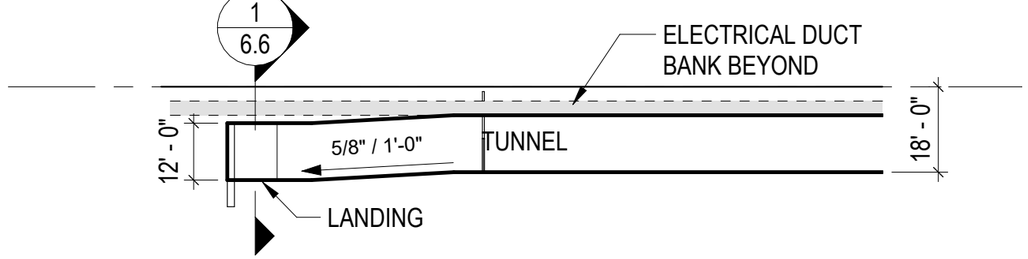
This page is intentionally left blank.



KEY PLAN - BASEMENT & TUNNEL



1 TUNNEL SECTION (E-W)



2 TUNNEL SECTION (N-S)

6.7 ADJACENCIES

The adjacency diagram that follows and the supporting text below outlines additional required organizational relationships between the spaces of the building.

BUILDING ACCESS AND CIRCULATION

Visitor's access to the DDCRP shall be via the ground level Lobby, which is composed of double height spaces at its north and south sides and connected in between by a Concourse. The Concourse is comprised of collaboration spaces - such as Conference Rooms, Lounges and informal seating areas, interconnect with this circulation spine to create multiple opportunities at various scales for social interaction and collisions. The Lobby also includes elevators and grand staircases that provide access to the floors above. Specifically, the south grand stair cascades up to the third floor Bridge (connecting to the College of Pharmacy building). Additional levels of control will occur at the access to laboratories. In order to access the research labs, visitors will need to be escorted or use card key access.

RESEARCH LABS

The Research Labs will likely occupy four floors of the new DDCRP. They are best suited at the top levels of the building, given the Bridge connecting them to the adjacent research floors of the College of Pharmacy building, their additional access control relative to other building program, and the other space types that benefit more from ground level placement (e.g. lobbies, loading dock, generator room, etc.). Connecting the research floors along the cascading circulation spine will foster collaboration between them. To maximize efficiency and future flexibility, these floors should stack as much as possible.

VIVARIUM

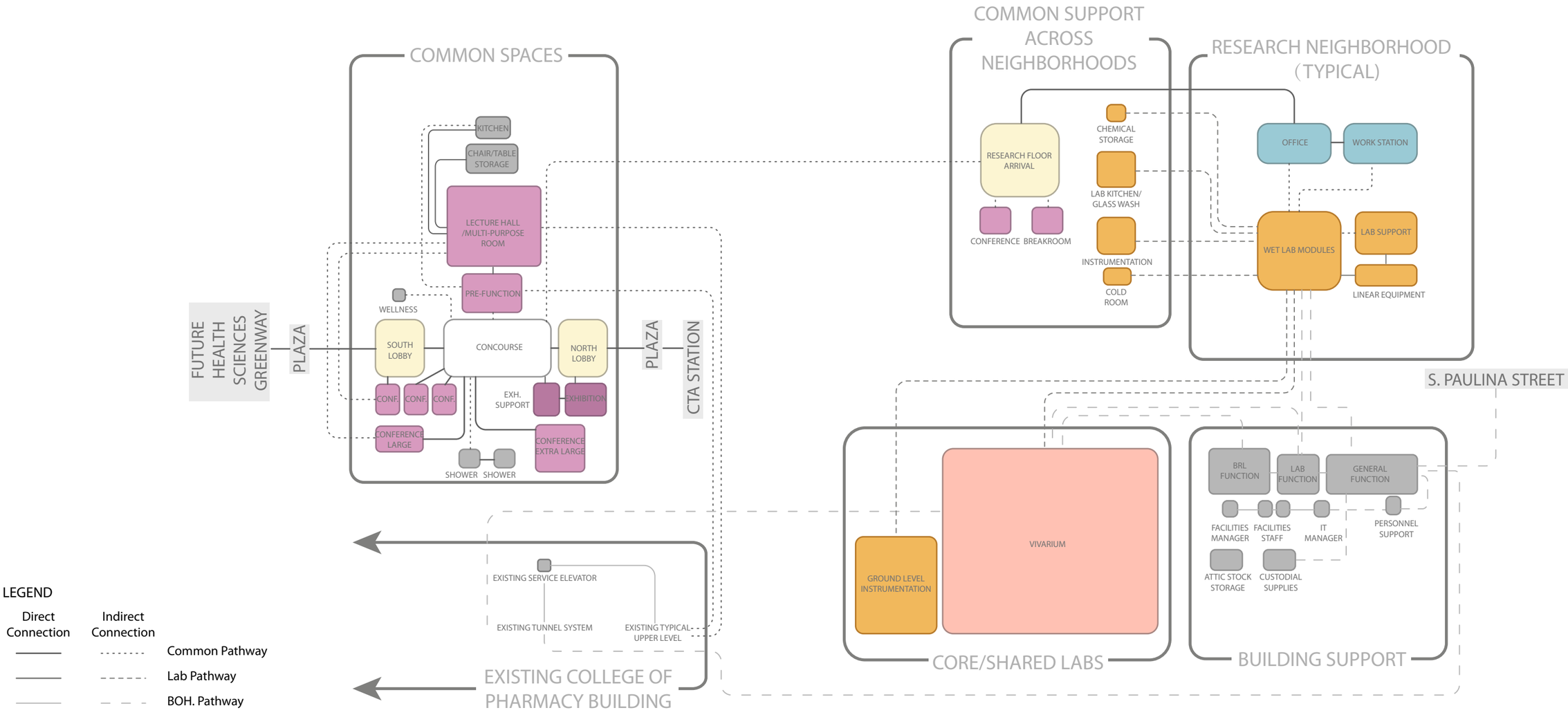
Due to the highly controlled environment required for the animals, this function is best suited for the basement level. However, it must remain reachable by the Principal Investigator (PI) groups coming from the research neighborhood labs, and it must remain serviceable by the loading dock for controlled and efficient movement of animals, supplies, and waste. A service/freight elevator that bridges the loading dock, the lab side of the research floors above, and the Vivarium level is the desirable solution to this.

DELIVERIES / WASTE HANDLING / SERVICE

Deliveries will arrive and waste will leave the DDCRP through the loading dock, which will likely be located in the northeast portion of the building based on the desired truck access (refer to Section 3.8). This will need to include accommodations for recyclables collection and possibly sorting, particularly as required for LEED pre-requisites. The Loading Dock will serve the College of Pharmacy building and the Biological Resources Laboratory down the road as well (refer to Section 6.6).

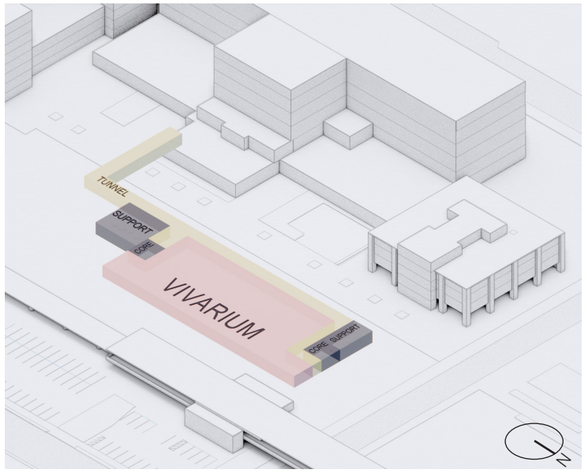
The loading dock functions should thus be connected via back-of-house pathways, as direct as possible, to the research areas, to the Vivarium, and to the Campus Tunnel System. Additional information on the flow of deliveries and waste can be found in Sections 9.3 and 10.1. A service elevator directly adjacent to the loading dock that connects these components (research floors above, Vivarium and Tunnel below) is the currently envisioned solution.

This diagram draws lines to denote required relationships between spaces—whether two spaces should be directly connected, indirectly connected (relatively adjacent), or do not demand adjacency; whether a pathway connecting the two spaces calls for being "common" (part of front-of-house general environments) versus within the lab environment versus as a back-of-house function. It is not intended to portray the actual directional relationships of spaces or site elements relative to one another (for example, components are not arranged north-south-east-west).

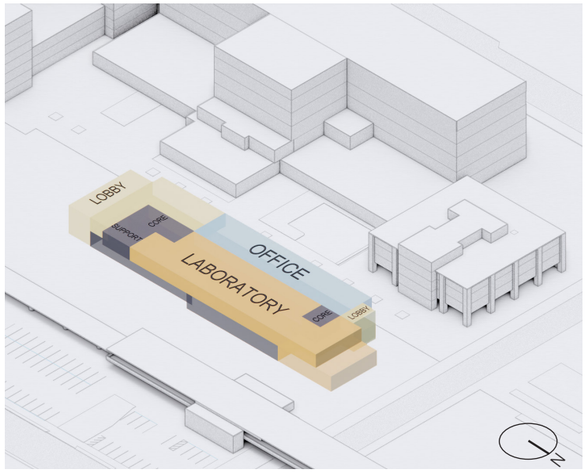


6.8 STACKING

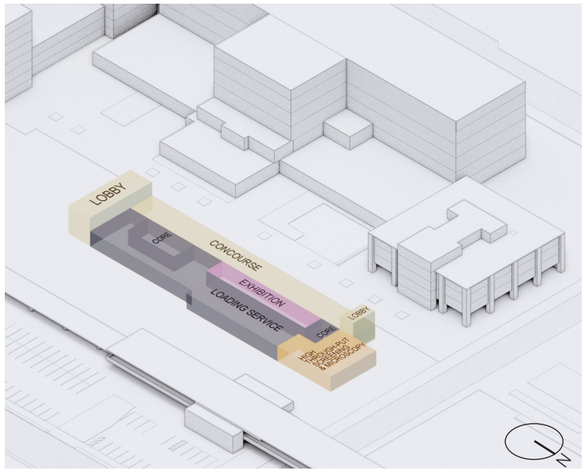
The following axonometric diagrams illustrate the likely stacking of the major programmatic cores over five floors, basement and penthouse. They incorporate requirements for program relationships and adjacencies within the building, as well as illustrate the integration of the Bridge to the DDCRP.



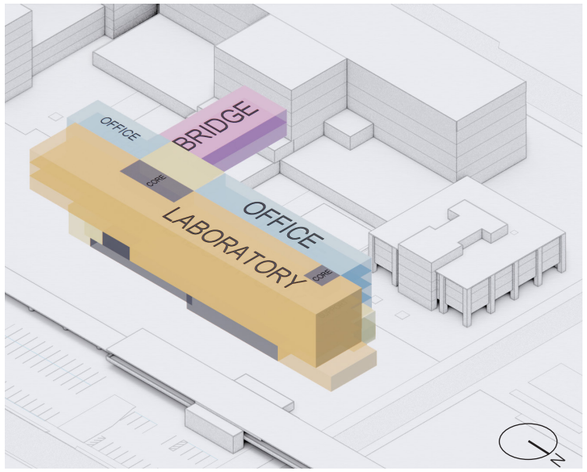
Basement Level



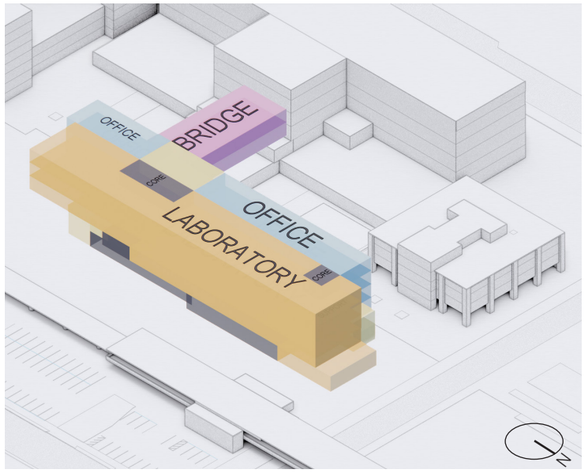
Second Level



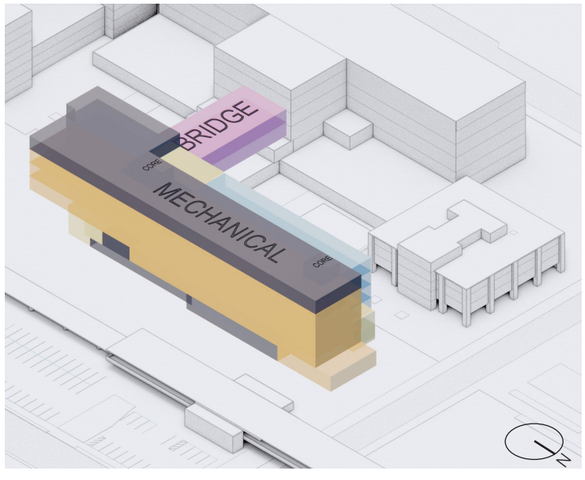
Ground Level



Third-Fourth Level



Fifth Level



Penthouse Level

This page is intentionally left blank.

This page is intentionally left blank.

7.0

ARCHITECTURAL CRITERIA

7.1 BUILDING EXTERIOR

The Design Build team shall take the following into consideration for the design of the building exterior. Building form, massing, and exterior materiality shall also respond to and be informed by the Site Criteria described in Section 3.0 and the Spatial Criteria described in Section 2.0.

UIC MASTER PLAN

Refer to Section 3.0 for master plan considerations related to site design criteria and building siting.

The *UIC Master Plan Update: 2018 Implementation Plan* includes the new Drug Discovery and Cancer Research Pavillion as a near-term project and identifies a future expansion located east of the CTA tracks as a long-term development. A potential bridge connection point at the east elevation of the new DDCRP to the future expansion should be taken into consideration during the Design Build phase to minimize the impact of future modifications of the interior layout and exterior envelope.

The Master Plan classifies the new DDCRP as a “fabric” or context building within the architectural hierarchy that should:

- Play a role in “defining the character of the campus”
- “Complement the massing, height, materiality, and expression of nearby buildings”

The north, west, and south facades of the new DDCRP are identified as “Primary/Prominent Frontage” with “Special Design Consideration” called for the northwest corner of the building that interfaces with a portal between the city and the campus.

- The north facing façade shall be designed to engage with the city.
- The west facing façade shall be designed to define and activate the open space of Park Livingston Health Walk.
- The south facing façade shall be designed to define and activate the open space of the South Plaza and the Health Sciences Greenway.

The east facing façade presents a design opportunity to put science on display to riders of the adjacent elevated CTA Pink Line train.

CAMPUS CONTEXT

The general character and expression of the surrounding West Campus buildings range from a historic Collegiate Gothic Style to Art Deco to post-World War II era functionally focused buildings comprised of precast concrete. Across the various styles, there lies a common theme of durable buildings composed of red brick masonry facades with punched openings.

The adjacent College of Pharmacy Building and the Administrative Office Building both express a strong sense of horizontality composed of bands of fenestration in a field of warm red hued brick. The Administrative Office Building has bands of precast concrete trim along the window heads and along the top of the building emphasizing the horizontality. The ground level is set back from the upper floors at the north and south facades, creating deep covered exterior areas at the building entrances.



Photo: College of Pharmacy Building (East Facing Façade)



Photo: Administrative Office Building (Southeast Corner)

MATERIALS & COLOR

The *UIC New Building Design Guidelines*, published in 2024, calls for the façade materials and colors of new buildings to be an extension of the existing material palette of the surrounding West Campus context. The existing West Campus palette primarily consists of warm red brick with accents of limestone or precast concrete.

Colors of exterior materials should be complementary to the surrounding buildings:

- Select warm red or orange hues to complement existing brick
- Neutral and warm tones preferred for primary materials
- Accent colors should be complementary to primary colors

Exterior materials that are encouraged by UIC:

- Brick
- Glass:
  - Transparent, translucent, frit, or lightly tinted
  - High performance insulated glass units
- Terracotta:
- Painted metal (aluminum, zinc, or copper)
- Natural or cast stone
- Concrete (formed, panelized, scored, and/or textured)

Exterior materials that are strongly discouraged or prohibited by UIC include:

- Jumbo/oversized brick
- Fiber cement panels
- Split face block
- Synthetic stucco/EIFS
- Concrete block
- Vinyl or aluminum siding
- Wood

ENTRANCES & OUTDOOR SPACES

The primary entrance to the new DDCRP shall be located on the north side of the building to welcome and accept visitors approaching from Polk Street and the adjacent CTA Pink Line Station. Entrance should include the following elements:

- Well defined with a deep overhang
- Key card access
- Fully accessible
- Maximize transparency

A secondary entrance to the new DDCRP shall be located on the south side of the building to service and engage with daily users approaching from the Health Sciences Greenway (the east-west pedestrian promenade that runs along the north edge of the Hospital identified in the *UIC Master Plan Update: 2018 Implementation Plan*). Entrance should include the following elements:

- Deep overhang
- Key card access
- Fully accessible

Locate additional service entrances for building access at loading dock and wherever necessary for building services and maintenance. Service entrances should include the following elements:

- Key card access
- Fully accessible

LOADING AND SERVICE AREAS

The loading dock and service entrance of the DDCRP shall be screened and shielded from view. Locate the loading area along the east side of the building so it can be accessed from under the CTA tracks. This will limit the impact on the public realm and screen it from the pedestrian experience along Park Livingston Health Walk.

EQUIPMENT SCREENING

All rooftop equipment shall be screened from view within the mechanical penthouse to minimize the impact on the aesthetic quality of the DDCRP. Any rooftop vent stacks that reside outside of the penthouse shall also be screened from view. The mechanical penthouse and all exterior ventilation louvers on the building façade should be integral to the architectural design. Unique forms of equipment may be expressed as an architectural element.

EXTERIOR SIGNAGE

Exterior signage shall comply with *UIC Exterior Signage Standards*, published July 2023 and *UIC New Building Design Guidelines*, published in 2024. Pedestrian-oriented building signage shall be provided at entry canopies and building address numbers shall be at a location and size that is appropriate for both pedestrians and moving cars along Polk Street.

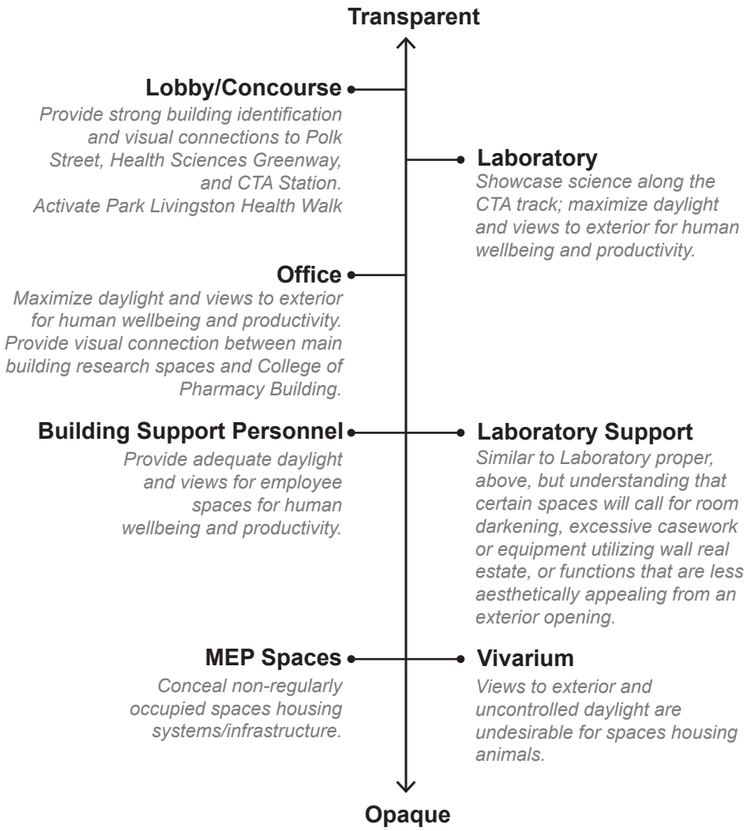
SUSTAINABILITY REQUIREMENTS

Refer to Section 5.0 for sustainable considerations for exterior material selection.

FENESTRATION

Placement, size, and the transparency level of fenestration should be considered to allow for visual connection between the Polk Street frontage, the adjacent campus open spaces and pedestrian pathways along the west and south elevations, and the CTA tracks along the east elevation.

- Provide full transparency at the primary and secondary building entrances and along the ground level concourse.
- Transparent materials along the east elevation provide the opportunity to showcase the activities occurring within the building and put science on display for passengers riding the adjacent CTA Pink Line. Utilize transparency to highlight active lab spaces and use opaque materials on the facade to conceal less active lab support spaces. Refer to section 8.10 for noise transmission control considerations for the adjacent CTA train.
- Use transparent materials to provide natural light and views from offices.
- Large areas of blank opaque material should be avoided. Use transparent materials to break up a field of opaque material in a way that optimizes interior daylighting and programmatic needs.



EXTERIOR ENVELOPE DESIGN CRITERIA

Design of the exterior envelope, including but not limited to all vertical walls, vertical fenestration, horizontal soffits, roof, canopies, and projections should adhere to the following technical performance criteria:

Applicable Codes and Standards

1. Building Codes and Regulations, as listed in Section 4.2
2. ASCE 7-22 Minimum Design Loads and Associated Criteria for Buildings and Other Structures
3. AAMA standards as applicable for selected components of the exterior envelope, including the most recent edition of:
   a. AAMA 501
   b. AAMA 509
4. ASTM standards and test methods as applicable for each individual component selected.
5. American National Standards Institute (ANSI):
   a. ANSI Z97.1-2015, Safety Glazing Material used in Buildings – Safety Performance Specifications and Methods of Test
6. Consumer Products Safety Commission (CPSC):
   a. CPSC 16 CFR Part 1201 Safety Standard for Architectural Glazing Material
7. Aluminum Association (AA):
   a. ADM-2020 Aluminum Design Manual
   b. ASM 35-00 Aluminum Sheet Metal Work in Building Construction (Fourth Edition)
8. Guidelines of the Glass Association of North America (GANA): Glazing Manual
9. Guidelines published by the Federal Occupational Safety and Health Administration (OSHA)
10. Guidelines of the Flat Glass Marketing Association Glazing Manual (FGMA)

11. The Masonry Society (TMS):
    a. TMS 402/602 Building Code Requirements and Specification for Masonry Structures

Thermal and Moisture Criteria

1. All components of the exterior envelope to be sealed and weather tight in a manner that allows for thermal expansion and building movement.
2. Aluminum framed mullions to be thermally broken.
3. Provide thermal breaks at locations where structural members project through the building thermal envelope.
4. Provide continuous insulation.
   a. Offset linear elements supporting opaque cladding from the structure with attachments that allow the continuous insulation to pass behind the cladding support element except at the point of attachment.
   b. Extend continuous insulation up both sides of parapet walls not less than 2 feet above the roof covering or to the top of the parapet, whichever is less.
5. Maintain a continuous vapor barrier that prevents either interior air or exterior air from condensing within the exterior wall assembly.
6. Air leakage performance to comply with Building Envelope Requirements listed in the OPR.
7. Overhead loading dock doors shall be equipped with weather seals that restrict air leakage and provide direct contact along the top and sides of vehicles that are parked in the doorway.
8. Thermal Performance of exterior envelope components and assemblies:
   a. U-values for exterior wall, roof, and glazing assemblies to comply with Building Envelope Requirements listed in the OPR.
   b. U-value of mass floors shall not exceed 0.53; U-value of joist/framing floors shall not exceed 0.033.
   c. C-factor of walls below grade shall not exceed 0.092.
   d. F-factor of unheated slab-on-grade floors shall not exceed 0.52.
   e. U-value of overhead garage doors shall not exceed 0.31.
   f. U-value of opaque swinging doors shall not exceed 0.37.

Waterproofing Criteria

1. Provide waterproofing system including drainage panels at below grade walls to prevent water and moisture intrusion. Refer to Geotechnical Report in Section 13.3 for recommendations.

Fenestration Criteria

1. The vertical fenestration area, not including opaque doors and opaque spandrel panels, shall not be greater than 30 percent of the gross above-grade wall area.
   a. Vertical fenestration area can increase to 40 percent if not less than 25 percent of the net floor area is within a primary sidelit daylight zone or a toplit daylight zone, daylight responsive controls are installed in daylight zones, and visible transmittance of the vertical fenestration is not less than 1.1 times solar heat gain coefficient.
2. Solar Heat Gain Coefficient of fenestration to not exceed the following:
   a. 0.38 for projection factor less than 0.2
   b. 0.46 for projection factor between 0.2 and 0.5
   c. 0.61 for projection factor greater than or equal to 0.5

Bird Collision Prevention:

Buildings can pose risks to migratory birds and local bird populations. Design of the exterior façade should follow the *UIC Bird Collision Prevention Plan* which is based on the Illinois General Assembly – Public Act 102-0119:

1. Opaque materials, including spandrel glass, shall have outside reflectance of 15% or less.
2. Treat ground level glass up to 40 feet above grade or to the height of the highest tree in the surrounding area:
   a. Apply 2”x2” round dot frit pattern on #2 surface.
3. Treat glass at elevated bridge connecting the DDRCP to the existing College of Pharmacy Building:
   a. Apply 2”x2” round dot frit pattern on #2 surface.
4. Consider applying building-integrated structures such as exterior screens, awnings, or sunshades to mute reflection.

Vibration and Noise Mitigation Criteria

Refer to Section 8.11 for requirements and considerations to mitigate vibration and noise from the adjacent CTA tracks that shall inform the design of the exterior envelope.

Deflection and Load Criteria

Refer to structural narrative in Section 8.1 for loading design criteria. The exterior cladding shall be designed and engineered to meet the following deflection limits:

1. Exterior walls backing up Brick Masonry & Terra Cotta:
   a. Maximum Horizontal Deflection of L/600.
2. Exterior walls backing up Glazing & Metal Panel:
   a. Maximum Horizontal Deflection of L/240.

Analysis

1. Calculations and analysis data for the design and engineering of the following components, as applicable to the design, to be performed by a registered Structural Engineer licensed in the State of Illinois:
   a. Cold-Formed Steel Framing
   b. Glazed Aluminum Curtainwall and Storefront Systems
   c. Glazing
   d. High Performance Structural Glazing Systems
   e. Rainscreen Assemblies
   f. Roof Accessories and Equipment Screening
   g. Sun Shading Devices
   h. Unit Masonry

2. Provide computer-based energy modeling to confirm specified performance criteria is being met for:
   a. Solar heat gain
   b. Overall U-Value of assemblies
   c. Resistance to condensation
   d. Daylighting, shading, and glare

3. Provide wind dispersion analysis of the local environment (CFD and/or Wind Tunnel) to verify no re-entrainment potential or impact to adjacent building air intakes.

Envelope commissioning

Farnsworth Group is the designated Commissioning Authority (CxA) who will be responsible for the Building Enclosure Commissioning. The Design Build Team will be required to collaborate with the CxA during the design and construction process. Refer to the Owner's Project Requirements in Section 13.9 and the Commissioning Plan in Section 13.3 for Envelope Commissioning requirements and responsibilities.

Air Leakage Testing

The building envelope air tightness will be tested by a third-party consultant reporting to the Owner's Commissioning Authority for compliance with the thresholds identified in Section C402.6.2 of the 2026 Illinois Stretch Energy Code. The anticipated testing protocol is ASTM E779 (Standard Test Method for Determining Air Leakage Rate by Fan Pressurization). In the event the required performance is not achieved following the execution of the testing protocol, the Design Builder will be responsible for the costs to remediate, retest, and document compliance with Exception 1 under section C402.6.2.

Mockups

Build mockups of the exterior envelope as called for in *UIC Building Standards,* including but not limited to masonry, air barriers, waterproofing, storefront and curtainwall assemblies, to do the following:

- Verify material and color selections made.
- Demonstrate aesthetic effects, the quality of products, and the quality of workmanship.
- Demonstrate acceptable coordination between components and systems
- Perform preconstruction testing.

This page is intentionally left blank.

7.2 INTERIORS

GENERAL

This section lays out the interior space characteristics that the Design Build team shall take into consideration. In general, the selection of interior finish materials shall:

- Meet the following University standards:
  - *UIC Learning Space Design Standards,* published Fall 2023
  - *UIC Informal Learning Space Design Standards,* published Fall 2023
  - *UIC Office Space Guidelines,* published Fall 2025
- Support the sustainability goals of the project (refer to Section 5.0)
- Enhance barrier-free design with fully accessible surface finishes
- Be high quality, durable, and low maintenance

ACCESS

The building will be occupied 24/7. All exterior entrances shall be electronically monitored and fully secured with an access control system. The following breaks down interior access control levels into “Accessible” and “Secured” categories. Refer to Room Data Sheets in Section 10.0 for additional requirements specific to each type of interior space.

- Accessible Program Areas: The following interior spaces will largely remain accessible to visitors in addition to users during normal University hours. These spaces shall be located to provide easy access from the main entry:
  - Lobby and Reception
  - Ground-Level Concourse and Exhibition Space
  - Multi-Purpose Room
- Secured Program Areas: The following interior spaces will require secure and controlled access at all hours:
  - Research Laboratories
  - Research Offices and Support Spaces
  - Vivarium
  - Loading Dock
  - Tunnel
  - Showers, Lactation, and Wellness Rooms

INTERIOR FINISHES AND MATERIALS

Refer to Room Data Sheets in Section 10.0 for interior finish requirements for each assignable programmatic space. Refer to Section 8.11 for requirements and considerations to mitigate noise that shall inform the selection of interior finishes.

The following describes interior finish requirements for horizontal and vertical circulation spaces that do not have a specific Room Data Sheet:

Corridors

- All gypsum drywall shall be impact resistant up to 4’ AFF
- Flooring to be resilient tile (PVC free or rubber), terrazzo, epoxy, or carpet tile.
- Ceilings to be ACT either wall to wall or in cloud form

Open Communicating Stair

- Terrazzo (precast or cast in place) or polished concrete

Enclosed Egress Stairs

- Rubber stair treads

Passenger Elevator Cab

- Laminate finish at wall panels
- Ceramic or porcelain tile flooring

INTERIOR SIGNAGE

Interior signage shall meet new signage requirements including sizing and placement in accordance with *UIC Interior Signage Standard*, and shall include the following:

Directories

- Locate building directory at the ground level passenger elevator lobby
- Locate floor directory by passenger elevators and communicating stairs at each level above the ground floor

Wayfinding Signs

- Locate wayfinding signs at decision making spots within circulation paths to indicate where destinations are located

Room Identification / ADA Signs

- Locate room identification signs at destination spots, adjacent to the entrance door to every room
- Provide department identification signs
- Signage to meet 2018 Illinois Accessibility Code requirements, including easy to see font with contrasting colors and braille

Safety Signs

- Provide Area of Refuge signage
- Locate code required stairwell identification signage at stairs
- Locate signage directing occupants to use stairs in case of fire at elevator lobbies
- Locate Evacuation Route signs at elevators and stairs
- Locate Maximum Occupancy signage at Multi-Purpose Room, Office Suites, and Special Use areas
- Locate elevator car signs inside elevator cabs
- Provide signs identifying emergency eye wash stations and emergency safety showers
- Locate emergency exit signs at building egress
- Provide signs identifying locations of hazardous materials at special use areas

FIRE EXTINGUISHERS & CABINETS

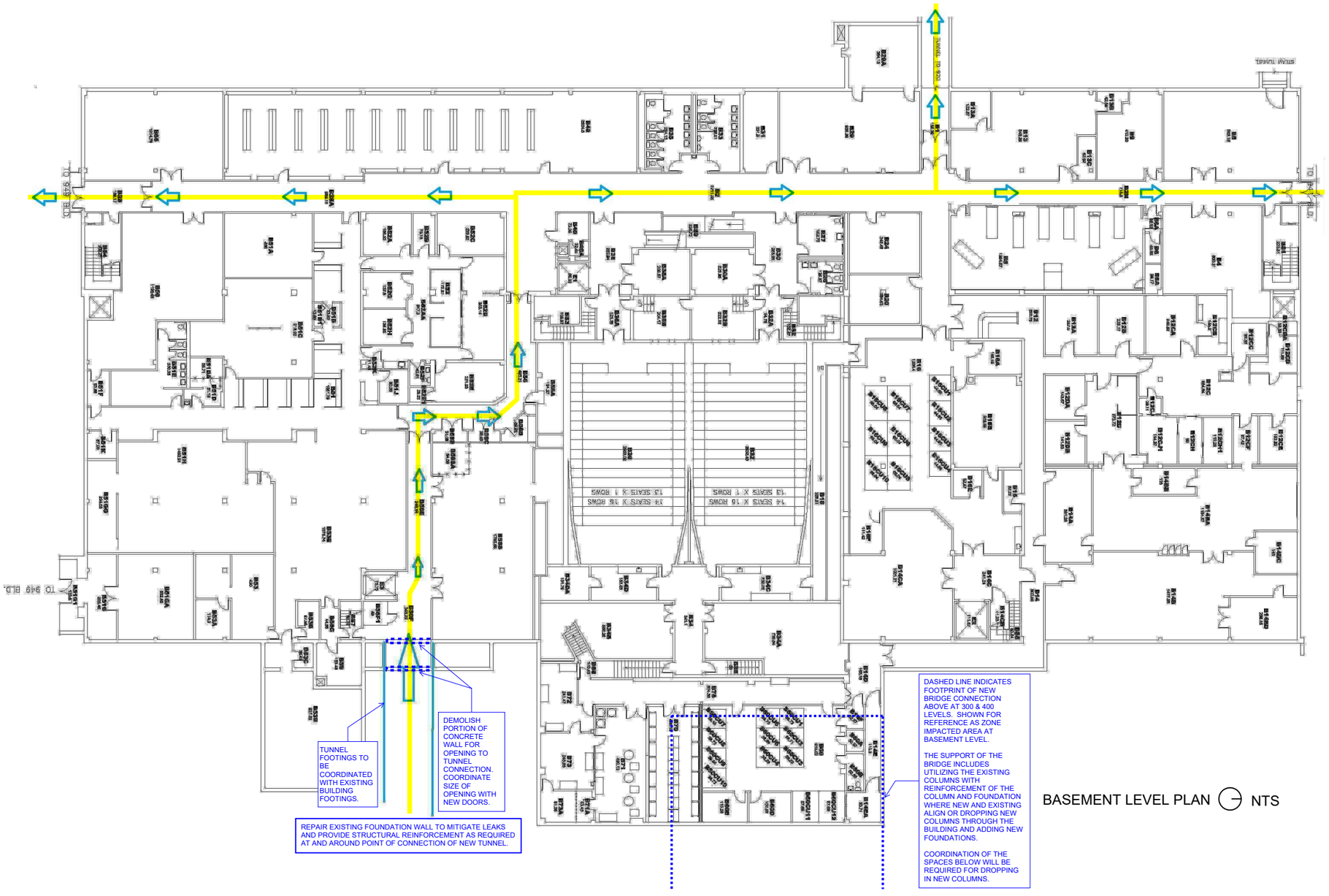
- Fire extinguishers shall be placed in cabinets, unless noted otherwise. Cabinets must not contain locks and must be able to accommodate a 6” diameter extinguisher or a 10lb ABC extinguisher.
- All Electrical and IDF rooms shall be equipped with a 5lb CO2 extinguisher. These do not require a cabinet and may be mounted to the wall with a bracket.
- All Mechanical and Elevator Rooms shall be equipped with a 10lb ABC Extinguisher. These do not require a cabinet and may be mounted to the wall with a bracket.

7.3 SCOPE AT ADJOINING BUILDINGS

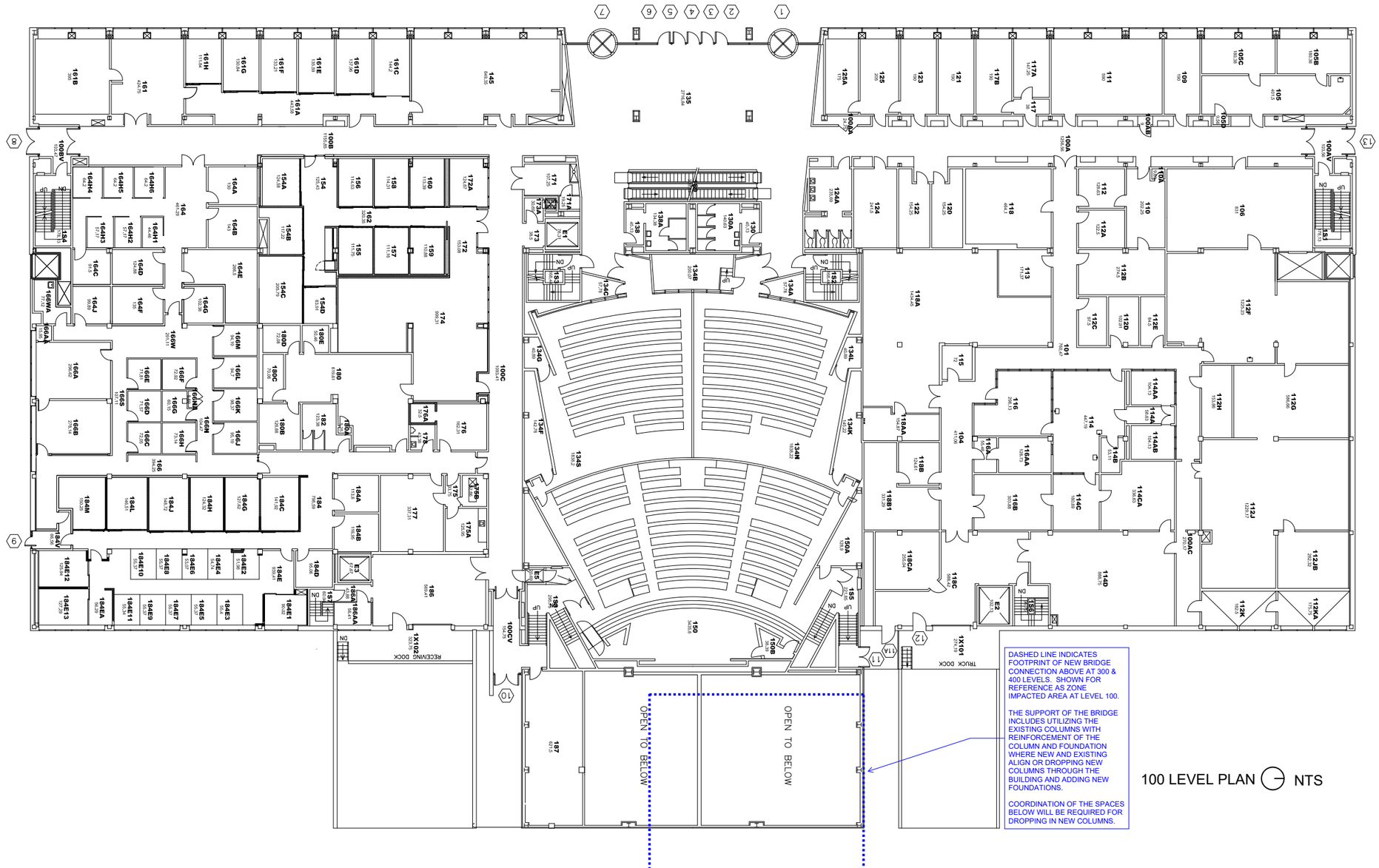
The following diagrams call out the anticipated scope of work that will be required to modify the existing College of Pharmacy building in preparation of accepting the new tunnel and bridge connections. The basement level also calls out modifications that will be needed for the load center related work.

The Design Build Team shall minimize impact to occupants of the existing College of Pharmacy building throughout the construction phase.

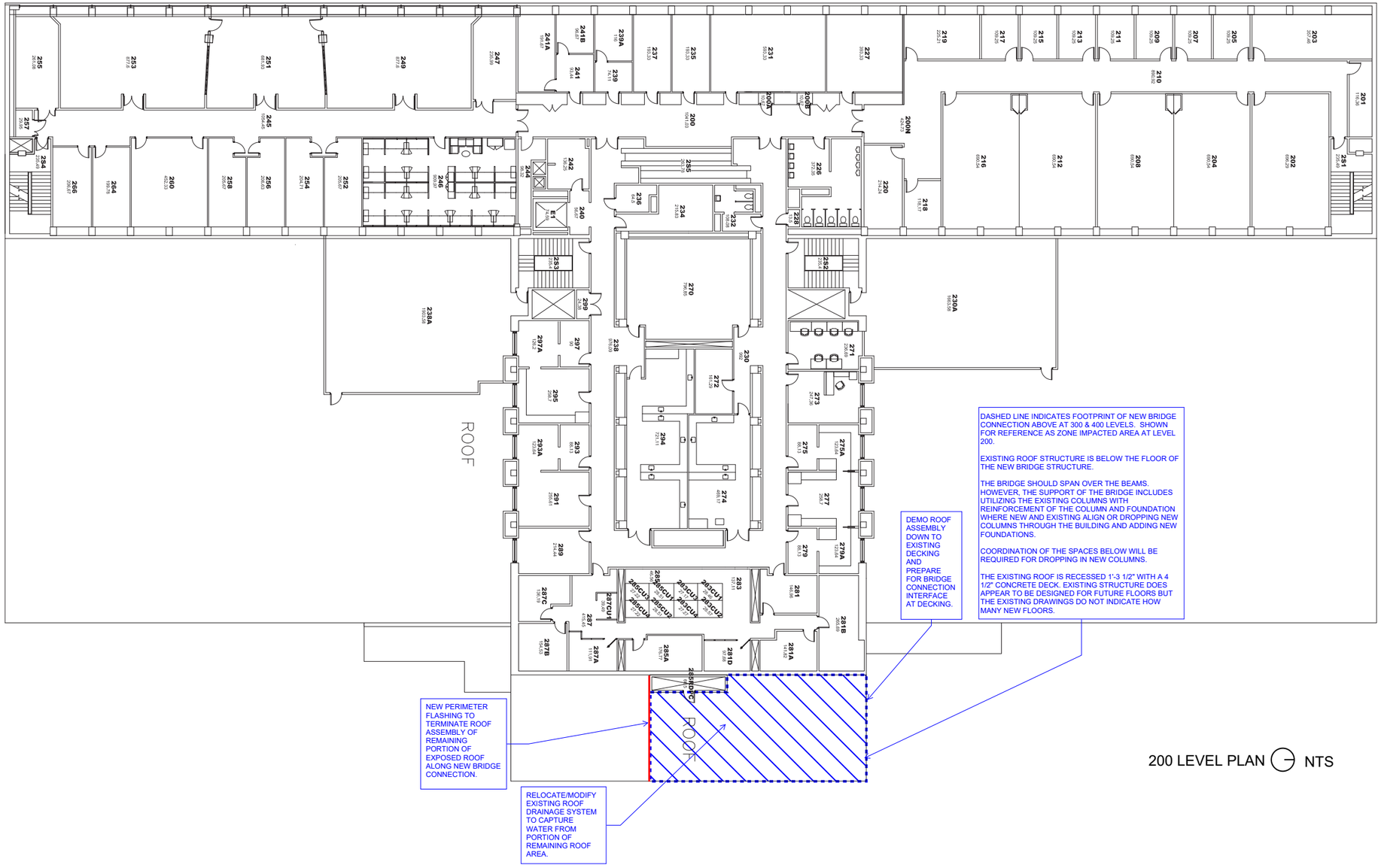
This page is intentionally left blank.



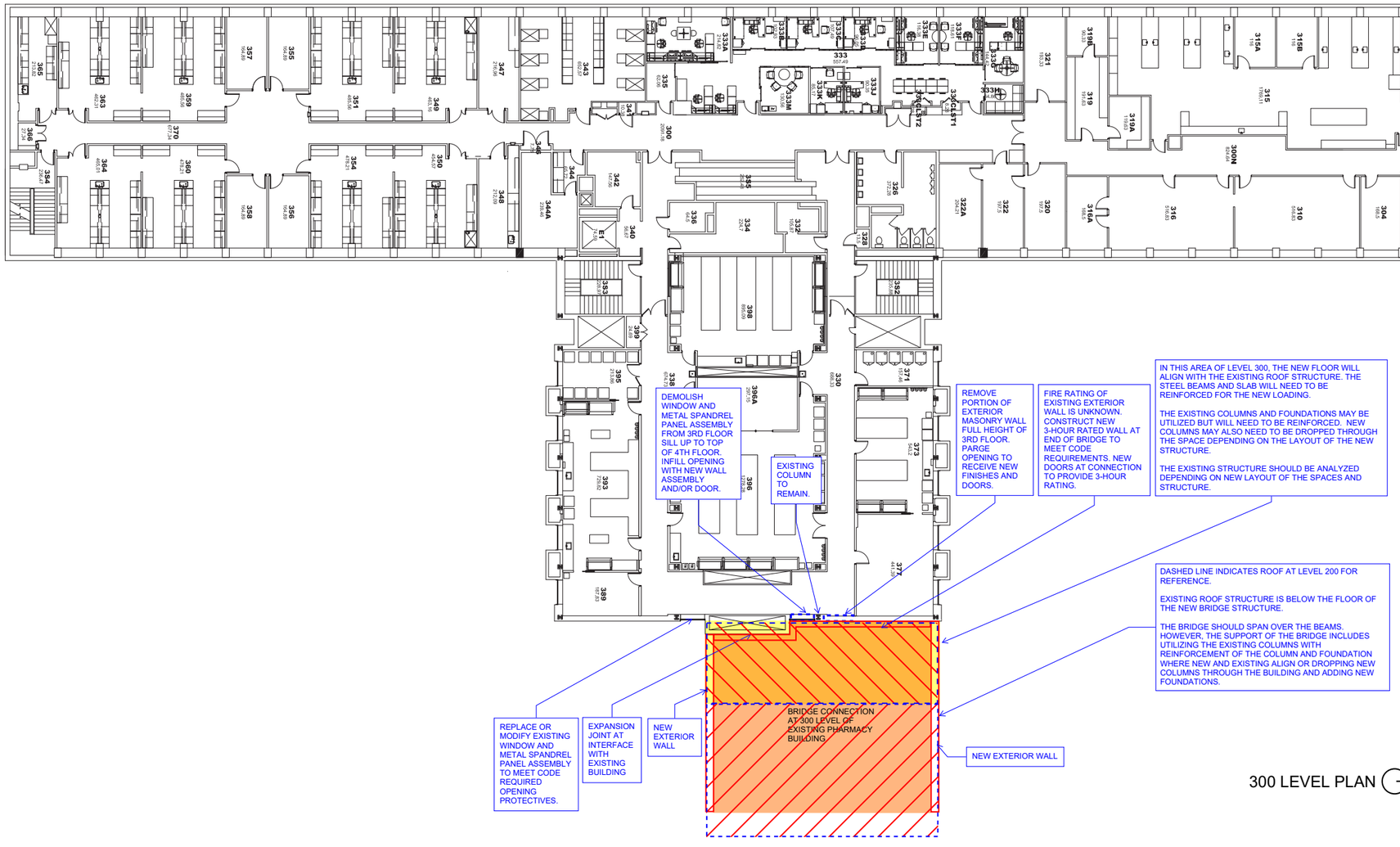
BASEMENT LEVEL PLAN NTS



100 LEVEL PLAN NTS



200 LEVEL PLAN NTS



300 LEVEL PLAN NTS

7.4 VERTICAL TRANSPORTATION

STAIRS

A minimum of two enclosed exit stairs should be integrated into the core to provide for egress during an emergency. The exit stairs shall contain an area of refuge with a two-way communication system within an enlarged landing of the stairwell. Additionally, ornamental convenience stairs shall be included into the corridor system to provide a convenient and attractive option to riding elevators. This will not only reduce the wear and tear on the elevators and reduce operating costs but also afford the users the opportunity for “intellectual collisions” that is the foundation for translational research.

ELEVATORS

A convenient and direct system for vertical transportation is essential in a research building. Because of the highly interdisciplinary collaborative nature of the research to be conducted in this building, elevators will need to be located in highly visible locations at major circulation nodes.

It is essential that the vertical building circulation supports the convenient flow of materials to / from the labs and support spaces. The service elevator should connect directly into the lab service corridor on each level, the mechanical penthouse level, as well as to the basement level tunnel system connecting the DDCRP to other buildings on campus.

Based on the laboratory and office occupancies, the building will need to have passenger elevators as well as a dedicated service elevator. Based on the overall size of the project at approximately 188,055 gsf it is assumed that two passenger elevators and one service elevator will be provided, the exact location will be determined by the Design Build Team.

Passenger Elevators (Elevators 1 & 2)

Capacity: 3500#
Class Loading: Passenger Class A
Speed: 350 fpm
Machine: Geared
Machine Location: Overhead
Stops (Elevator 1): 6
Floors Served (Elevator 1): B1 Level – 500 Level
Stops (Elevator 2): 5
Floors Served (Elevator 2): 100 Level – 500 Level
Platform Size: 7’-0” wide x 6’-2” deep
Cab Size: 6’-8” wide x 5’-5” deep
Entrance Size: 4’-0” wide x 9’-0” high
Access Control: Key card required to access B1 level

Service Elevator (Elevator 3)

Capacity: 5000#
Class Loading: Service Class A
Speed: 350 fpm
Machine: Geared
Machine Location: Overhead
Stops: 7
Floors Served: B1 Level – Mechanical Penthouse Level
Platform Size: 6’-0” wide x 9’-8” deep
Cab Size: 5’-8” wide x 8’-9” deep
Entrance Size: 4’-6” wide x 9’-0” high

LIFE SAFETY COMPONENTS

Fire Department Access

There shall be an elevator key box located within the first floor fire command area for the fire department to operate and access each elevator cab. Coordinate the key box model, lock model, and key model with the Chicago Fire Department.

Communication Systems

Controls for the area of rescue assistance communication system and the elevator communication system shall be located within the first floor fire command area with clear sight lines from the main entrance.

Access Hatch

Provide hatch at elevator hoistways. Coordinate hatch location to allow access to test and maintain smoke detectors that are within the hoistway.

Fire Extinguishers

Refer to Section 7.2 for fire extinguisher requirements at Elevator rooms.

AED Cabinets

An AED cabinet shall be provided near the elevator lobby on the first and third floors.

This page is intentionally left blank.

8.0

SYSTEM CRITERIA

8.1 STRUCTURAL

BUILDING CODE AND PERFORMANCE REQUIREMENTS

The building code is International Building Code 2024 which references ASCE 7-22.

Performance Requirements:

- Live Load:
  - Typical Laboratory Floors — 100 psf (reducible)
  - Typical Office Spaces — 80 psf (reducible)
  - Assembly — 100 psf (non-reducible)
  - Corridors and Public Spaces on the 1st floor — 100 psf (non-reducible)
  - Corridors above the first floor — 80 psf (non-reducible)
  - Penthouse Floors — 100 psf (non-reducible)
  - Mechanical Rooms — 150 psf (non-reducible)

- Snow Load:
  - Ground snow load, Pg — 62 psf
  - Winter wind parameter — 0.55
  - Surface roughness — B
  - Exposure factor, Ce — 0.90
  - Roof thermal resistance — 30.00
  - Thermal factor, Ct — 1.11
  - Importance Factor — 1.0
  - Flat snow load — 43.3 psf
  - Design load — 44 psf

- Wind Load:
  - Design wind speed — 114 mph
  - Importance factor — 1.00
  - Exposure class — B
  - Wind pressure, MWFRS — 30.5 psf

- Seismic Load:
  - Site soil classification — E
  - Risk Category — III
  - Seismic design category — B
  - Spectral response acceleration, Sds — 0.12
  - Spectral response acceleration, Sd1 — 0.098

Floor Flatness/Floor Levelness Criteria:

Based on the intended use of the slab on grade and the elevated slab, the floor flatness and floor levelness criteria will be per industry standards with no special requirements.

Vibration Criteria:

Generic Vibration Criterion (VC) curves have been developed to accommodate different types of sensitive equipment. The proposed design criteria for new lab and mechanical spaces in this project is located in the breakdown of the requirements per lab space.

EXISTING CONDITIONS

The original “East Dentistry – Medicine – Pharmacy Building” is located immediately west of the new building site. It was constructed in several phases, starting in 1951 and finishing in 1966. It consists of cast-in-place concrete substructure with steel framed superstructure. According to the original boring logs, the site is overlain by “very soft blue clay” to a depth of at least 30 feet below grade. Foundation systems differ in the various phases. The earliest construction (1951 and 1955) is founded on driven timber piles, with a 25-ton capacity per pile. The 1957 addition uses caissons bearing on “hardpan”, with an allowable bearing capacity of 12,000 pounds per square foot. The 1966 addition is supported on caissons extending 45 feet below grade to “hard clay”, with a bearing capacity of 20,000 pounds per square foot. Additionally, the 1957 addition employs a structural slab at the basement level, not a typical slab on grade.

A 760-seat auditorium is located on the first floor of the existing Pharmacy Building. Two 14-foot-deep steel transfer trusses span 112 feet over the auditorium in the east-west direction in order to support the building floors above. The trusses are located within the height of the 3rd level of the building. Door openings at that level pass through the trusses at several locations.

The elevated track structure is located east of the new building site. It was reconstructed in 2000. It consists of 12-foot-wide cast-in-place concrete bents, spaced at approximately 50 feet on center, supported by caisson foundations. Steel girders span between the bents to support the tracks. Caisson depths vary from about 30 to 50 feet, with a caisson capacity of 12,000 pounds per square foot.

SUB-STRUCTURE SYSTEM

The geotechnical report was written by GSG Consultants, Inc dated February 10, 2026.

Ten soil borings were completed on the site ranging from depths of 60 feet to 90 feet.

The anticipated first floor elevation is approximately 15.4 feet CCD to match the existing building.

The geotechnical engineer recommends supporting the building on drilled shaft foundations. The geotechnical engineer presented two options for the depth of the drilled shaft foundations.

The first option is drilled shaft piers with bells that extend to the very stiff to hard silty clay soil layer. This layer is approximately 43 feet below existing grade, or -31.5 feet CCD and the maximum bearing capacity is 12 ksf. If higher loads are encountered, the drilled shafts may extend to bear on very dense sandy silt encountered at a depth of 83 feet below existing grade or -71.5 feet CCD with a maximum bearing capacity of 20 ksf.

The second option, for particularly larger interior column loads, would be to support the drilled straight shaft piers on solid limestone bedrock. The drilled piers would be at an approximate depth of 90 feet below existing grade or -78.5 feet CCD. Bedrock was not encountered in the borings but is anticipated to be depths of 92 to 95 feet below grade. Additional borings would need to be performed to confirm. For the drilled piers that extend down to bedrock, the pier would need to be cored or socketed 1 foot into solid rock with a maximum bearing capacity of 120 ksf per Table 1806.2(2) of the Chicago Building Code.

A protective cover will likely be required for the full depth of the drilled pier due to the very soft cohesive soils encountered in the soil borings.

In addition, there is concern that the very soft clay with the high-water content could squeeze into the driller pier shafts. The ratio of overburden pressure divided by the undrained shear strength of the soft clay is over 6 in most locations. Therefore, squeezing into the driller pier shafts should be considered. The geotechnical report includes a summary of the squeeze potential analysis and should be considered in the construction of the drilled piers.

Water levels were monitored at each boring to determine the general groundwater conditions present on the site. Groundwater was observed ranging from 13.5 feet to 48.5 feet (elevation -0.5 feet to -35.5 feet CCD). Based on the color change of the clay from brown to gray, long term groundwater levels may range from 4.6 feet to -0.7 feet CCD.

The seismic site class is E.

The geotechnical report provides lateral soil parameters for the design of the lateral load resisting system.

The concrete basement walls, 12” to 14” thick, will be supported by grade beams that distribute the load to the drilled piers. Waterproofing and perimeter drain tile will be placed at the base of the basement wall for drainage. Backfill along the wall will be clean compacted granular fill material.

The slab on grade will be a minimum 5” concrete thickness. The thickness may be increased, as required, for programmatic spaces, such as imaging equipment and other vibrationally sensitive equipment. Per the geotechnical report, a minimum of 12 inches of soft clay should be removed and replaced with 12 inches of compacted granular fill consisting of CA-6 stone. The granular fill should b

underlain by a minimum of 12 inches of free draining stone that will act as a capillary cutoff layer and would reduce the potential for soil moisture migrating upwards toward the slab.

The geotechnical report includes construction considerations and should be reviewed by the construction team. This includes site preparations, borrow materials and compaction requirements, deep foundation installation, groundwater management, temporary sheeting and soil retention and potential effect of excavation on the existing structures and utilities.

SUPERSTRUCTURE SYSTEM – LABORATORY BAND

The laboratory band will consist of cast-in-place concrete. Cast-in-place concrete has natural characteristics and mass advantages for vibration reduction, so a concrete frame structural system is favored for this project.

It is assumed that the typical bay spacing will be approximately 24'-0" x 24'-0". Based on the bay spacing, the concrete slab will be a 10" to 12" two-way cast-in-place concrete slab with no drop panels and with perimeter edge beams, if required for the support of the facade. The slab reinforcing is approximately 5 pounds per square foot. The columns will be a maximum of 24" x 24" with 1.5 pounds per foot of reinforcing up the height of the column.

Based on the vibration criteria of the lab spaces and the requirements for isolation of the mechanical equipment, dropped and/or thickened isolated slabs may be required for some program spaces. The structure will need to be reviewed in the specific rooms to determine what is required. The floor vibration varies from VC-A to VC-D depending on the use of the Lab space. Some lab spaces can be designed for 2000 MIPS or more stringent. See the room specific data sheets for specific room requirements.

The lateral system will consist of cast-in-place concrete shear walls around the stair and elevator shafts. The shear walls will be 12" to 14".

The concrete used in the building shall be a minimum concrete strength of 4000 psi. Welding of rebar is prohibited and steel fiber reinforced concrete is not allowed to be used.

SUPERSTRUCTURE SYSTEM – OFFICE BAND

The office band structural system is to be decided by the Design-Build team and can consist of a concrete structure, steel structure, a mass timber structure or a combination of the three structure types.

The choice of the gravity support structure should be dependent on the architectural requirements of the building.

The lateral system of the office band may rely on the concrete structure or may have its own lateral system depending on the building layout.

SUPERSTRUCTURE SYSTEM – BRIDGE LINK

The bridge connection (at level 3 and level 4) from the new building to the existing Pharmacy Building will be framed in long span full height, floor to floor Vierendeel steel trusses to allow for the walkway below the link to be column free. At the east end, the bridge will be supported by the new building structure.

At the west end, the proposed design calls for supporting the bridge on the existing structure, starting on line 'L'. The roof over the first floor from column line 'L' to 'P' is a one-story structure with a depressed roof that is approximately 1'-3" lower than the 2nd floor. The roof structure from 'L' to 'J' aligns with the 3rd floor structure. This approach will likely require reinforcement of the existing columns and foundations at that location. See the markups in the Architectural Criteria section 7.0 for additional information.

The bridge structure will consist of steel frame with concrete on steel deck. The steel beams will be composite with the concrete on steel deck. The beams will be supported by steel columns.

The lateral system of the bridge should be independent of the existing building and not add additional lateral load.

SUPERSTRUCTURE SYSTEM – UTILITY TUNNEL

The “cut and cover” method of construction is proposed for construction of a new cast-in-place concrete utility tunnel. Temporary excavation shoring may be required if open cut excavations will otherwise intrude into the public right of way or undermine existing adjacent structures, sidewalks, or driveways.

This page is intentionally left blank.

8.2 MECHANICAL SYSTEMS

APPLICABLE CODES AND STANDARDS

1. International Building Code (IBC) – 2024 Edition
2. International Existing Building Code (IEBC) – 2024 Edition
3. International Fire Code (IFC) – 2024 Edition
4. International Property Maintenance Code (IPMC) – 2024 Edition
5. International Mechanical Code – 2024 Edition
6. National Electrical Code NFPA 70 – NEC Current Edition
7. Illinois Elevator Safety and Regulation Act – ASME A17.1 2019
8. Green Building Act (20 ILCS 3130/1)
9. Illinois Stretch Energy Code – latest adopted by Authority Having Jurisdiction (AHJ)
10. Office of the State Fire Marshal Administrative Rules
11. City of Chicago Building code sections – Connections to City of Chicago Utilities
12. UIC Building Standards
13. ASHRAE Standard 62.1: Ventilation for Acceptable Indoor Air Quality
14. ASHRAE Standard 90.1 – 2022: Energy Standard for Sites and Buildings Except Low-Rise Residential Buildings
15. ASHRAE Standard 170: Ventilation of Health Care Facilities
16. NFPA 90A: Standard for the Installation of Air-Conditioning and Ventilating Systems
17. NFPA 30 - Flammable and Combustible Liquids Code
18. NFPA 54 - National Fuel Gas Code
19. ACGIH Industrial Ventilation - A Manual of Recommended Practice
20. ANSI/AIHA Z9.5-2012 - Laboratory Ventilation Standard
21. OSHA 29 CFR Part 1910 - Occupational Exposures to Hazardous Chemicals in Laboratories
22. ASHRAE Standard 110-2016 - Method of Testing Performance of Laboratory Fume Hoods
23. Biosafety in Microbiological and Biomedical Laboratories, Fifth Edition
24. United States Pharmacopeia (USP) 797-2019
25. United States Pharmacopeia (USP) 800-2016
26. University of Illinois at Chicago Campus Standards
27. Illinois Department of Public Health (IDPH)

OUTDOOR DESIGN CRITERIA

		Dry Bulb Temperature (°F)	Wet Bulb Temperature (°F)
Summer	System Design[i]	95	74.7
	Cooling Coil/Dehumidification Design[ii]	84.0	77.9
	Evaporation/Tower Design[iii]	87.8	77.8
Winter	System Design[iv]	-10	-

i. Exceeds 0.4% Cooling DB/MCWB for Chicago Midway Airport, as published in ASHRAE Fundamentals.
ii. Based on 0.4% Dehumidification DP/MCDB for Chicago Midway Airport, as published in ASHRAE Fundamentals. DP is converted to WB.
iii. Based on 0.4% Evaporation WB/MCDB for Chicago Midway Airport, as published in ASHRAE Fundamentals.
iv. Exceeds 99.6% Heating DB for Chicago Midway Airport, as published in ASHRAE Fundamentals.

SYSTEM DESIGN CRITERIA

System	Design Temperature [i] (°F)	Differential Temperature [i] (°F)
High Pressure Steam	375 at 170 PSIG Saturated	-
Medium Pressure Steam	350 at 80 PSIG Saturated	-
Low Pressure Steam	240 at 10 PSIG Saturated	-
Chilled Water	43	16
Medium Temperature Chilled Water	58	6
Heating Hot Water	130[ii]	30
Preheat Hot Water	130[ii]	20
Perimeter / Reheat Hot Water	130[ii]	20

i. Refers to circulated fluid temperature unless otherwise indicated.
ii. These temperatures allow conversion to condensing boilers in the future without requiring modifications to distributed equipment.

TERMINAL DESIGN CRITERIA

System	Design Temperature [i] (°F)	Differential Temperature [i] (°F)
Cooling Coils	43	16
Chilled Beams	58	6
Preheat Coils	130[ii]	20
Reheat Coils	130[ii]	20
Perimeter/Supplemental Heat	130[ii]	20
Humidifiers	240 (10 PSIG Saturated)	N/A
Lab AHU Supply Air	55[iii]	N/A
Vivarium AHU Supply Air	55[iii]	N/A

i. Refers to circulated fluid temperature unless otherwise indicated.
ii. These temperatures allow conversion to condensing boilers in the future without requiring modifications to distributed equipment.
iii. The low discharge air temperature intended to provide humidity control for summertime laboratory conditions (72°F dry-bulb/ 50% relative humidity maximum)

INDOOR DESIGN CONDITIONS, VENTILATION RATES AND PRESSURE RELATIONSHIPS

The design criteria indicated in the table below represent typical design conditions. Where applicable, Room Data Sheets provided in Section 10 shall be referenced for more detailed or room-specific criteria.

Space Criteria							
Room	Temperature (°F)		Humidity (%RH) [iii]		Minimum Ventilation (ACH)		Pressure Relationship
	Min.[i]	Max.[ii]	Min.	Max.	Occ. [iv]	Unocc. [v]	
Office, Conference, and Admin Support	70	72	30	70	N/A		Neutral or Positive
Lab	72 (Year Round)		30	70	8[vii]	4[viii]	Negative
Linear Equipment Room	72 (Year Round)		30	70	8	4	Negative
Lab Support Space	72 (Year Round)		30	70	8	4	Negative
MDF/IDF Room	80 Max. (Year Round)		30% +/-5 (Year-Round)		NR	NR	Neutral
Computer Server Room	75 Max. (Year Round)		30% +/-5 (Year-Round)		NR	NR	Neutral
Soiled Work	72 (Year Round)		30	70	8	4	Negative
Clean Work	72 (Year Round)		30	70	8	4	Positive
Vivarium	72 (Year Round)		30	70	12	12	Negative
Bio/Chemical Receiving	72 (Year Round)		30	70	10	8	Negative
Toilet Rooms/Janitor Closets	70	75	30	70	N/A	N/A	Negative
Showers	68	75	30	70	N/A	N/A	Negative
Corridor/Misc. Occupiable Spaces	70	75	30	70	N/A	N/A	Positive to Laboratory
Breakroom	70	75	30	70	N/A	N/A	Negative
Lecture Hall/Multi-purpose Room	70	75	30	70	N/A	N/A	Neutral or Positive
Sterilizer Equipment Room	70	78	30	70	5	5	Negative
Mechanical and Electrical Rooms	68	80	N/A	N/A	N/A	N/A	Neutral
Elevator Machine Rooms	75 (Year-Round)		N/A		N/A	N/A	Neutral
Unoccupied Spaces	65	95	N/A		N/A	N/A	Positive

i. Minimum – Winter Heating

ii. Maximum – Summer Cooling
iii. Occ. – Occupied Air Change Rate
iv. Unocc. – Unoccupied Air Change Rate
v. NR – No Requirement
vi. N/A – Not applicable
vii. Systems will be designed to meet the indicated temperature with a ± 2°F accuracy unless otherwise noted.
viii. Systems will be designed to meet the indicated relative humidity with a ± 5% unless otherwise noted.
ix. Total air changes per hour for supply air in positive pressure or neutral rooms, or return/exhaust air in negative pressure rooms.
x. Monitor and record room pressure across door.
xi. Based on Table 6-1 of ASHRAE 62.1.
xii. Design provides capacity for laboratory air change rate at 8 ACH. The project will include air monitoring/sampling system (e.g., Aircuity) as an energy cost measure (ECM) to reduce airflow.
xiii. Additional considerations will be given to providing lower unoccupied airflow during design.

SYSTEMS DIVERSITY

In conjunction with the variable flow systems serving the building, an HVAC equipment sizing diversity will be applied to the design supply air quantities for sizing the primary heating and cooling system equipment.

System	Type	Diversity Factor
Terminal Systems	-	100%
Laboratory Air Handling Systems	Occupant	85%
	Lighting	90%
	Equipment	85%
Vivarium Air Handling Systems	Occupant	85%
	Lighting	90%
	Equipment	85%
High Pressure Steam	-	100%
Low Pressure Steam	Equipment	100%
Chilled Water	-	100%
Medium Temperature Chilled Water	-	100%
Heating Hot Water	-	100%
Preheat Water	-	100%
Perimeter Heating Water	-	100%

LAB EQUIPMENT EXHAUST

Biosafety Cabinet

The current programming indicates both Class II, Type B2 (100% exhaust to building exterior) and Type A2 (30% exhaust to building exterior) biological safety cabinets.

Radioisotope Hoods

No radioisotope hoods have been specifically identified, but a small number of radioisotope hoods may be required. In no case will there be more than one per laboratory floor.

Radioisotope hoods should be constructed from seamless stainless steel with coved corners for easy cleaning. Hood air foils and baffles should be adjustable and removable for cleaning. Radioisotope hoods should be Constant velocity fume hoods and should operate at an average face velocity of 100 fpm. Exhaust ducts and collars should be welded.

Radioisotope hoods should have individual exhaust and should be provided with housing for bag-in and bag-out HEPA and/or Carbon filters.

Perchloric Acid Hoods

No Perchloric Acid use hoods have been specially identified.

Perchloric hoods should be constructed with CPVC liner, exhaust ductwork, and fan. The dedicated exhaust stream must be 100% covered by a wash-down system that drains back the hood trough drain.

Fume Hood

High performance hoods will be considered to minimize the exhaust airflow rate. The exhaust air requirements for fume hoods will be based on maintaining a face velocity of 80 fpm through the open sash with the sash positioned at 18” above work surface. Fume hoods will be tied to the BAS and room pressure controllers.

As-installed testing shall be performed on all new installations and re-commissioning of chemical fume hoods to verify containment per ASHAE 110 requirements.

Acid, combustible, or flammable storage cabinets are not vented unless otherwise noted.

Hood Description/Exhaust Requirement
6’-0 restricted sash (horizontal) bench hood: 720 CFM
6’-0” class II, type B2 (100% exhaust biological safety cabinet: 1,000 CFM ± 5% @ 2.5" WG
6’-0” class II, type A2 (30% exhaust biological safety cabinet: 300 CFM ± 5% @ 2.5" WG
4” point exhaust (snorkel): 50 cfm

HVAC AND PROCESS PIPING SYSTEMS DESCRIPTION

This section includes general descriptions for HVAC and process piping systems.

All HVAC equipment shall be provided with sufficient space surrounding equipment to adequately service, perform routine maintenance, and complete replacement of any internal component, including a clear working aisle. Developer to provide general arrangement plans showing equipment locations for serviceability at every design milestone.

NATURAL GAS SYSTEM

System Description

Provide new medium pressure natural gas line from existing 42” gas main along S. Paulina Street to serve the new generator. Exact connection location will need to be coordinated with Gas Utility Company.

STEAM AND CONDENSATE SYSTEM

System Description

Steam will be generated by the campus boiler plant and distributed through the campus system to the building. Steam will be saturated at 170 psi. The current design steam demand load for the DDCRP Building is anticipated as 30,000 pounds per hour.

Campus Connection and Equipment

A new 8” high pressure steam main will be routed from the 921 Building to the DDCRP via the existing utility bridge (300 feet one-way). The piping will continue across the UIC Hospital Loading Dock Roof before dropping underground into a utility tunnel for the final connection to the DDCRP Building in the mechanical gallery. The pipe shall be pitched no less than 1/8” per linear foot. Allow for expansion/contraction of the new piping by providing anchors, expansion bellows and other devices to properly support new piping. Provide drip traps not less than every 75 feet of run.

A new 4” pumped condensate line will be installed parallel to the new steam service main along the existing utility bridge, loading dock, and underground tunnel. A condensate receiver with triplex pumps will be provided at the utility connection. The condensate receiver shall be sized to allow for a minimum 10 min pump runtime.

The contractor will be required to provide additional supports for the piping on the existing utility bridge over Taylor Street. The cost shall also include structural reinforcement of the UIC Hospital Loading Dock roof and demolition of existing abandoned piping along utility bridge.

All exposed piping shall be constructed of an engineered piping solution. These pipes shall be provided with electric heat trace.

Building Steam System

Incoming campus, high pressure (170 psi) steam will be reduced in separate pressure reducing stations to service the projects medium (80 psi) and low pressure steam (10 psi) requirements.

The steam will be used at the generated pressure and reduced appropriately as a source in the facility for the following applications:

- Steam to Hot Water Convertors
- Domestic and Lab Hot Water Heaters
- Steam Humidification
- Autoclaves/Sterilizers/Process Steam
- Snow Melt Convertors

Each PRV station and system will be provided with meters to measure 100% of the steam flow and be connected to the Building Automation System (BAS).

High pressure and medium pressure flash tanks will be installed to receive the high and medium pressure condensate from the drip traps. High pressure condensate will be flashed to medium pressure condensate in flash tanks. The flash steam will be recovered and utilized in the medium pressure steam distribution. Medium pressure condensate will be flashed to low pressure condensate in flash tanks. The flash steam will be recovered and utilized in the low pressure steam distribution.

Incoming steam to the building will be metered. Meter will be sized to accurately measure 100% of the steam flow to the building, including both high and low use periods. Meter will be fitted with a pulse initiator and wiring connected to the Building Automation System (BAS).

Steam condensate returned to the central boiler plant will be metered. Meter will be fitted with a pulse initiator and wiring connected to the Building Automation System (BAS).

System Warm-Up Method

Supervised warm-up will be used instead of automatic warm-up. Steam main drip length and traps will be sized based on supervised warm-up method.

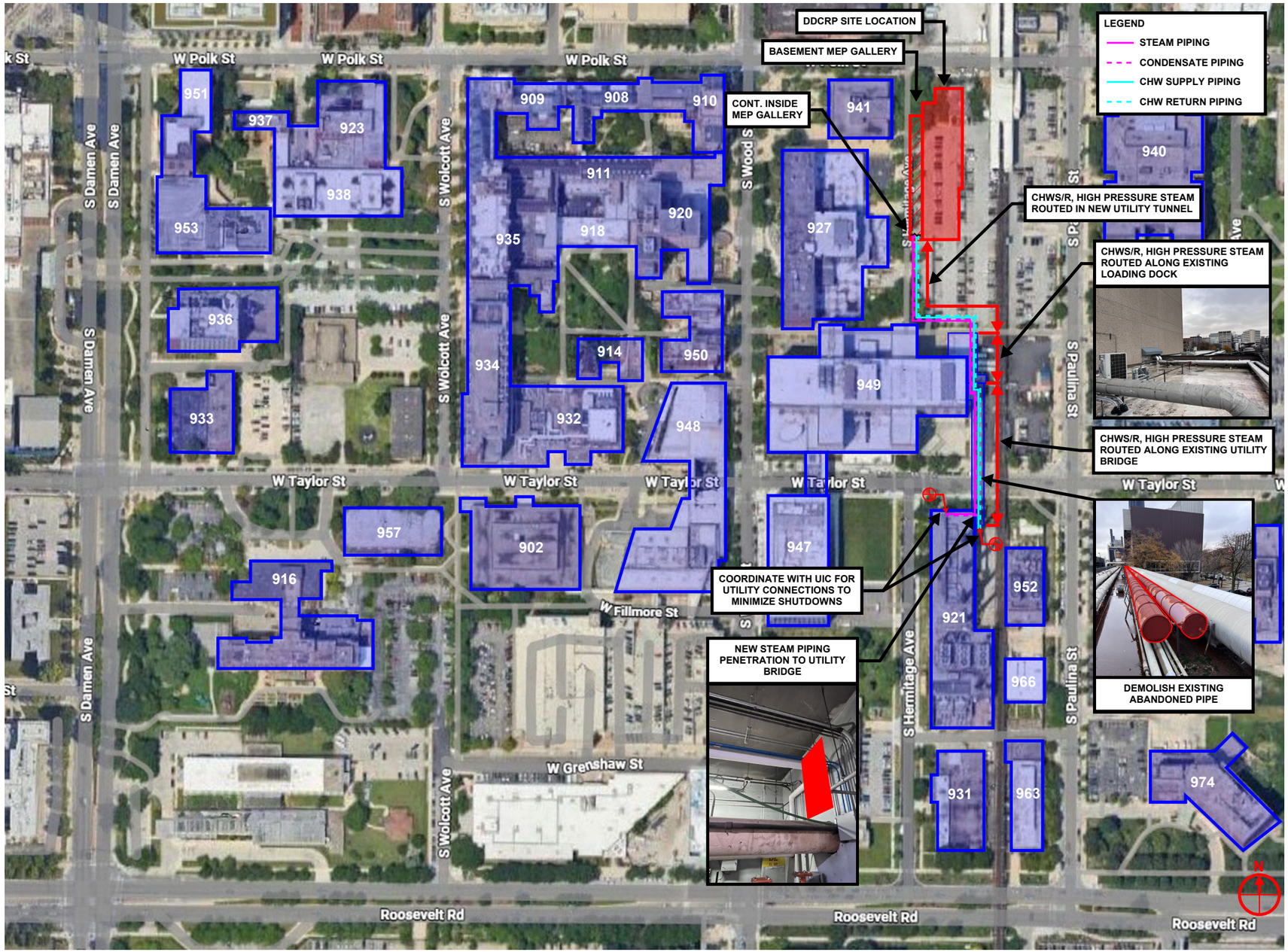
In addition to the pressure reducing valves, a manual bypass valve will be provided for redundancy.

Equipment and Components

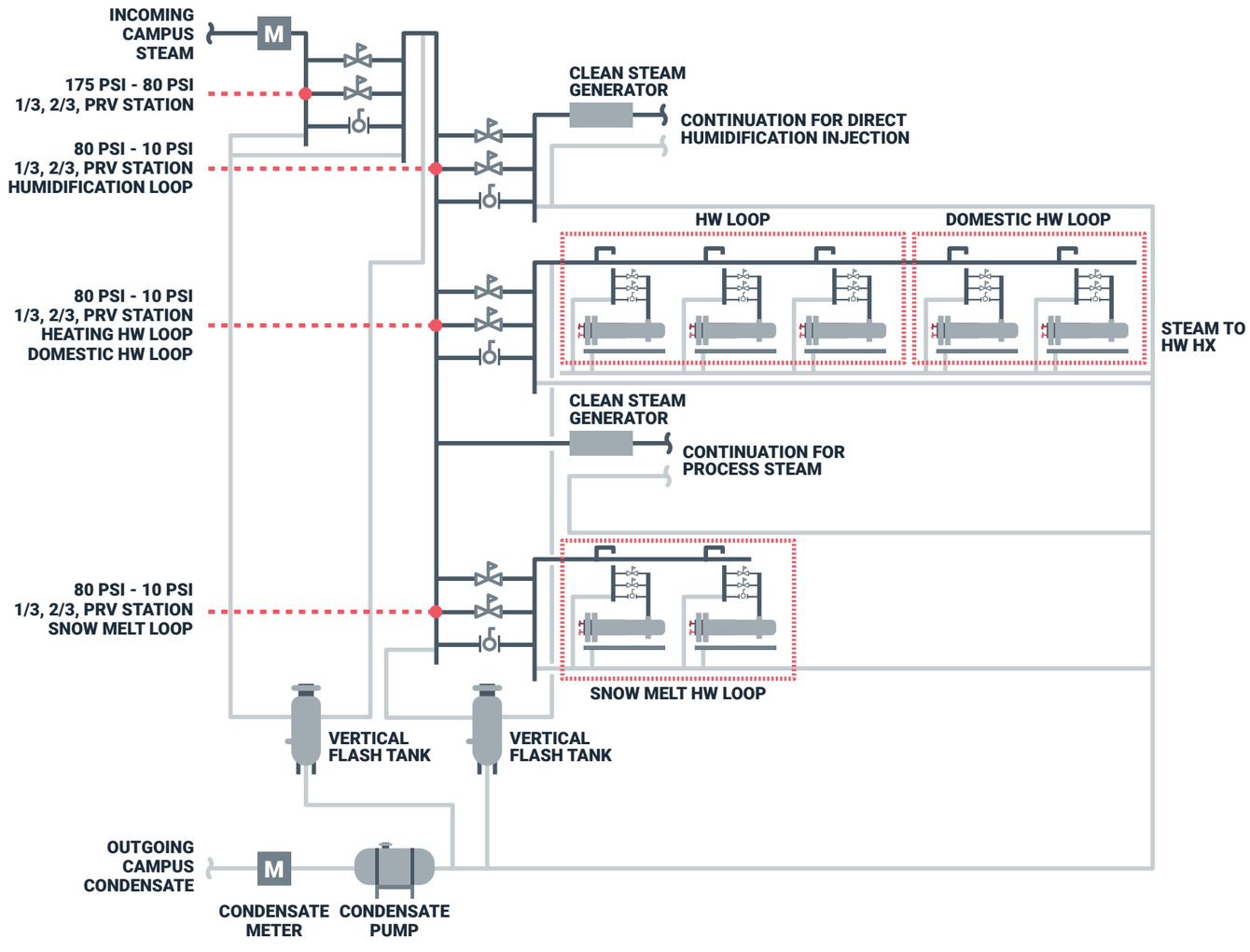
Steam safety valve will be sized based on the capacity of the largest valve of the PRVs, not the total capacity of all PRVs. Safety valve vent pipes will be piped up through the roof to a minimum of 8 feet above roof.

Pressure reducing valves will be self-contained, pilot operated type. Two pressure reducing valves per PRV station will be utilized and valves will be sized at 1/3 and 2/3 of the design load.

This page is intentionally left blank.


DDCRP SITE LOCATION
BASEMENT MEP GALLERY
CONT. INSIDE MEP GALLERY
LEGEND
STEAM PIPING
CONDENSATE PIPING
CHW SUPPLY PIPING
CHW RETURN PIPING
CHWS/R, HIGH PRESSURE STEAM ROUTED IN NEW UTILITY TUNNEL
CHWS/R, HIGH PRESSURE STEAM ROUTED ALONG EXISTING LOADING DOCK
CHWS/R, HIGH PRESSURE STEAM ROUTED ALONG EXISTING UTILITY BRIDGE
DEMOLISH EXISTING ABANDONED PIPE
COORDINATE WITH UIC FOR UTILITY CONNECTIONS TO MINIMIZE SHUTDOWNS
NEW STEAM PIPING PENETRATION TO UTILITY BRIDGE
W Polk St
W Taylor St
W Fillmore St
W Grenshaw St
Roosevelt Rd
S Damen Ave
S Wolcott Ave
S Wood St
S Hermitage Ave
S Paulina St
951
937
923
938
953
936
933
909
908
910
911
920
935
918
914
950
934
932
948
941
927
949
940
957
902
947
916
952
921
966
931
963
974
N

STEAM PLANT


INCOMING CAMPUS STEAM
M
175 PSI - 80 PSI 1/3, 2/3, PRV STATION
80 PSI - 10 PSI 1/3, 2/3, PRV STATION HUMIDIFICATION LOOP
80 PSI - 10 PSI 1/3, 2/3, PRV STATION HEATING HW LOOP DOMESTIC HW LOOP
80 PSI - 10 PSI 1/3, 2/3, PRV STATION SNOW MELT LOOP
CLEAN STEAM GENERATOR
CONTINUATION FOR DIRECT HUMIDIFICATION INJECTION
HW LOOP
DOMESTIC HW LOOP
STEAM TO HW HX
CLEAN STEAM GENERATOR
CONTINUATION FOR PROCESS STEAM
SNOW MELT HW LOOP
VERTICAL FLASH TANK
VERTICAL FLASH TANK
OUTGOING CAMPUS CONDENSATE
M
CONDENSATE METER
CONDENSATE PUMP

HEATING HOT WATER SYSTEM

System Description

Campus steam will be reduced to low pressure through a 1/3-2/3 single stage pressure reducing valves for building heating hot water use.

Equipment and Components

Three (3) new 10,000 MBH shell and tube heat exchangers (N+1 redundancy) will be used to generate heating hot water for the building.

DOMESTIC HOT WATER SYSTEM

System Description

Low pressure steam will be provided from the heating hot water pressure reducing station for building domestic hot water use.

Equipment and Components

Two (2) new 600 MBH shell and tube heat exchangers (N+1 redundancy) will be used to generate domestic hot water for the building.

HUMIDIFICATION SYSTEM

System Description

Campus steam will be reduced to low pressure through a 1/3-2/3 single stage pressure reducing valves for humidification use. Clean steam will be required for humidification. A reverse osmosis (RO) system will be provided including all water treatment, pumps, and hydronic accessories. RO will be used for steam generation via a steam to steam heat exchanger.

The entire building will be humidified to a design level of 30-70% relative humidity (RH). Humidification will be distributed at the main building air handlers serving the laboratory, office and vivarium spaces. Local humidification will be provided for only air valves in the basement gallery serving the vivarium space through multiple stainless steel insulated tubes/panels. The panels will be equipped for pressurized condensate return.

AUTOCLAVE/STERILIZER/PROCESS STEAM SYSTEM

System Description

Medium pressure steam from the building high pressure pressure reducing station will be provided for process steam use. Clean steam will be required for sterilizing equipment. A reverse osmosis (RO) system will be provided including all water treatment, pumps, and hydronic accessories. RO will be used for steam generation via a steam to steam heat exchanger.

Trim process steam piping will be provided for local use as required by equipment or programming needs. The process steam will be by medium pressure steam from the building system.

SNOW MELT SYSTEM

System Description

Campus steam will be reduced to low pressure through a 1/3-2/3 single stage pressure reducing valves for snow melt use.

Equipment and Components

The sidewalk and main entrance area will be provided with a 40% ethylene glycol hot water snow melt system. Two (2) new 1,100 MBH shell and tube heat exchangers (N+1 redundancy) will be used to generate hot water for the snow melt load. The snow melt system loop will be served by two (2) 100 gpm pumps.

The snow melt system will also include the following components:

- Chemical Pot Feeder and filter assembly
- Air and Dirt Separator
- Bladder Type Expansion Tank
- Make-Up Water Assembly
- Appropriate Valving and Piping Specialties

CHILLED WATER SYSTEM

System Description

The new DDCRP building will be connected to the existing campus central chilled water generation system at the Building 952 Central Refrigeration Plant.

Campus Connection and Equipment

Two (2) 18” pipes carrying chilled water supply and return will be routed from the 952 Building to the DDCRP via the existing utility bridge. The piping will continue across the UIC Hospital Loading Dock Roof before dropping underground to the utility tunnel for the final connection to the DDCRP Building.

The Design Build team will be required to provide additional supports for piping on the existing utility bridge over Taylor Street. The scope of work shall also include structural reinforcement of the UIC Hospital Loading Dock roof and demolition of existing abandoned piping along utility bridge. All exposed piping shall be constructed of an engineered piping solution. These pipes shall be provided with electric heat trace.

All exposed piping shall be constructed of an engineered piping solution. These pipes shall be provided with electric heat trace.

Chilled water is provided by the Central Refrigeration Plant with the following parameters:

- Supply Temperature: 43°F
- Supply Pressure: 50 psig
- Return Pressure: 40 psig
- Flow Rate: 1.5 gpm/ton (16°F ΔT)

Building Chilled Water Distribution

Chilled water usage will be metered via automated BTU meter with flow rate, supply temperature and return temperature input. Data will be input to Building Automation System (BAS).

The building chilled water will be hydraulically separated from the campus chilled water by three (3) 900-ton plate and frame heat exchangers. The heat exchangers are sized for N+1 redundancy.

The building chilled water (no glycol) will be distributed in variable-primary configuration with four (4) 1,100 gpm, base-mounted, end-suction pumps. The pumps are sized for N+1 redundancy. Each distribution pump will be provided with variable frequency drive (VFD).

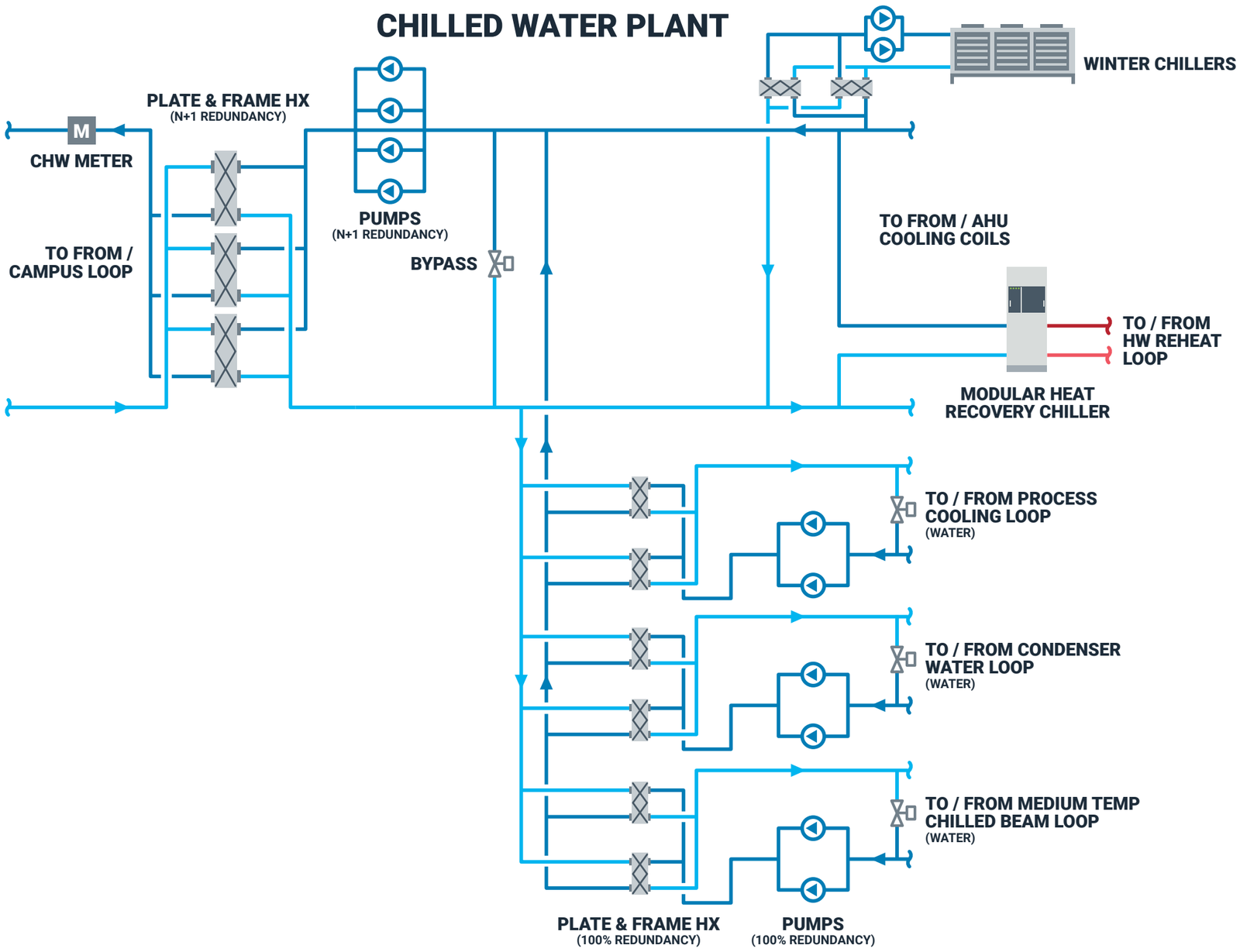
The building chilled water distribution piping will be 14-inch diameter piping. The system will be variable volume system utilizing a modulating 2-way control valve at each cooling coil.

A differential pressure transmitter between the chilled water supply and return mains will be utilized to vary the speed of the pumps, via VFDs, to maintain constant differential pressure between the piping mains.

An automatic bypass valve will be provided to maintain minimum differential pressure between supply and return pipes when pump is operating at minimum speed.

This chilled water system will also include the following components:

- Chemical Pot Feeder and filter assembly
- Air and Dirt Separator
- Bladder Type Expansion Tank
- Make-Up Water Assembly
- Cooling Coils
- Pressure Independent Control Valves
- Appropriate Valving and Piping Specialties.


CHILLED WATER PLANT
WINTER CHILLERS
PLATE & FRAME HX
(N+1 REDUNDANCY)
M
CHW METER
PUMPS
(N+1 REDUNDANCY)
BYPASS
TO FROM / AHU
COOLING COILS
TO FROM /
CAMPUS LOOP
TO / FROM
HW REHEAT
LOOP
MODULAR HEAT
RECOVERY CHILLER
TO / FROM PROCESS
COOLING LOOP
(WATER)
TO / FROM CONDENSER
WATER LOOP
(WATER)
TO / FROM MEDIUM TEMP
CHILLED BEAM LOOP
(WATER)
PLATE & FRAME HX
(100% REDUNDANCY)
PUMPS
(100% REDUNDANCY)

Winter Cooling System

The building will be provided with (3) 450-ton water-cooled chillers with outdoor cooling towers (N+1 redundancy) for winter cooling when the campus chilled water is not available. The winter cooling system will be provided with (3) 675 gpm pumps (N+1 redundancy). This loop shall include 30% ethylene glycol and be decoupled from the building chilled water system via plate and frame heat exchangers.

Heat Recovery Chiller System

The building will be provided with (3) 70-ton air cooled modular heat recovery chillers (N+1 redundancy). Heat recovery chillers will be electric screw type with R-454B or R-32 refrigerant. Each module will be provided with a 105 gpm pump.

Medium Temperature Chilled Water System

The building will be provided with a medium-temperature chilled water system to serve building sensible only cooling loads (e.g., active chilled beams). The medium temperature chilled water will be hydraulically separated from the building chilled water system by two (2) 250-ton plate and frame heat exchangers. The heat exchangers are sized for N+1 redundancy. The medium temperature chilled water loop will be served by two (2) 800 gpm.

The medium temperature chilled water system will also include the following components:

- Chemical Pot Feeder and filter assembly
- Air and Dirt Separator
- Bladder Type Expansion Tank
- Make-Up Water Assembly
- Appropriate Valving and Piping Specialties
- BTU meter with data reported to the BAS

Process Cooling System

The building will be provided with a process cooling chilled water system to serve building process equipment. The process cooling loop will be hydraulically separated from the building chilled water system by two (2) 420-ton plate and frame heat exchangers. The heat exchangers are sized for 2N redundancy. The process cooling chilled water loop will be served by two (2) 650 gpm pumps.

The process cooling system will also include the following components:

- Chemical Pot Feeder and filter assembly
- Air and Dirt Separator
- Bladder Type Expansion Tank
- Make-Up Water Assembly
- Appropriate Valving and Piping Specialties
- BTU meter with data reported to the BAS

This loop provides general infrastructure to support various pieces of equipment that have not been defined as part of this phase and will need to be further developed in the future design phases.

Condenser Water Refrigeration Room System

The building will be provided with a condenser water system to serve building refrigeration room systems. The condenser water loop will be hydraulically separated from the building chilled water system by two (2) 200-ton plate and frame heat exchangers. The heat exchangers are sized for N+1 redundancy. The condenser water loop will be served by two (2) 300 gpm pumps.

The process cooling system will also include the following components:

- Chemical Pot Feeder and filter assembly
- Air and Dirt Separator, Bladder Type Expansion Tank
- Make-Up Water Assembly
- Appropriate Valving and Piping Specialties
- BTU meter with data reported to the BAS

This loop provides general infrastructure to support various types of refrigeration rooms that include both standalone systems and building utility connections for full redundancy. However, the specifics of these systems cannot be defined at this time and will be further developed in the design phase. Any standalone remote condenser units for refrigeration rooms will be required to be located outdoors on mechanical penthouse roof

HEATING HOT WATER SYSTEM

System Description

Steam from the Central Utility Plant (CUP) will be utilized to generate the heating hot water for the building via three (3) 10,000 MBH steam to hot water heat exchangers with N+1 redundancy.

The building heating hot water will be distributed in variable-primary configuration with three (3) 1,000 gpm, base-mounted, end-suction pumps. Each distribution pump will be provided with variable frequency drive.

A differential pressure transmitter between the supply and return mains will be utilized to vary the speed of the pumps, via variable frequency drives, to maintain a constant pressure differential between the piping mains.

An automatic bypass valve will be provided to maintain minimum differential pressure between supply and return pipes when pump is operating at minimum speed.

Refer to provided hot water system schematic below for additional information.

Equipment and Components

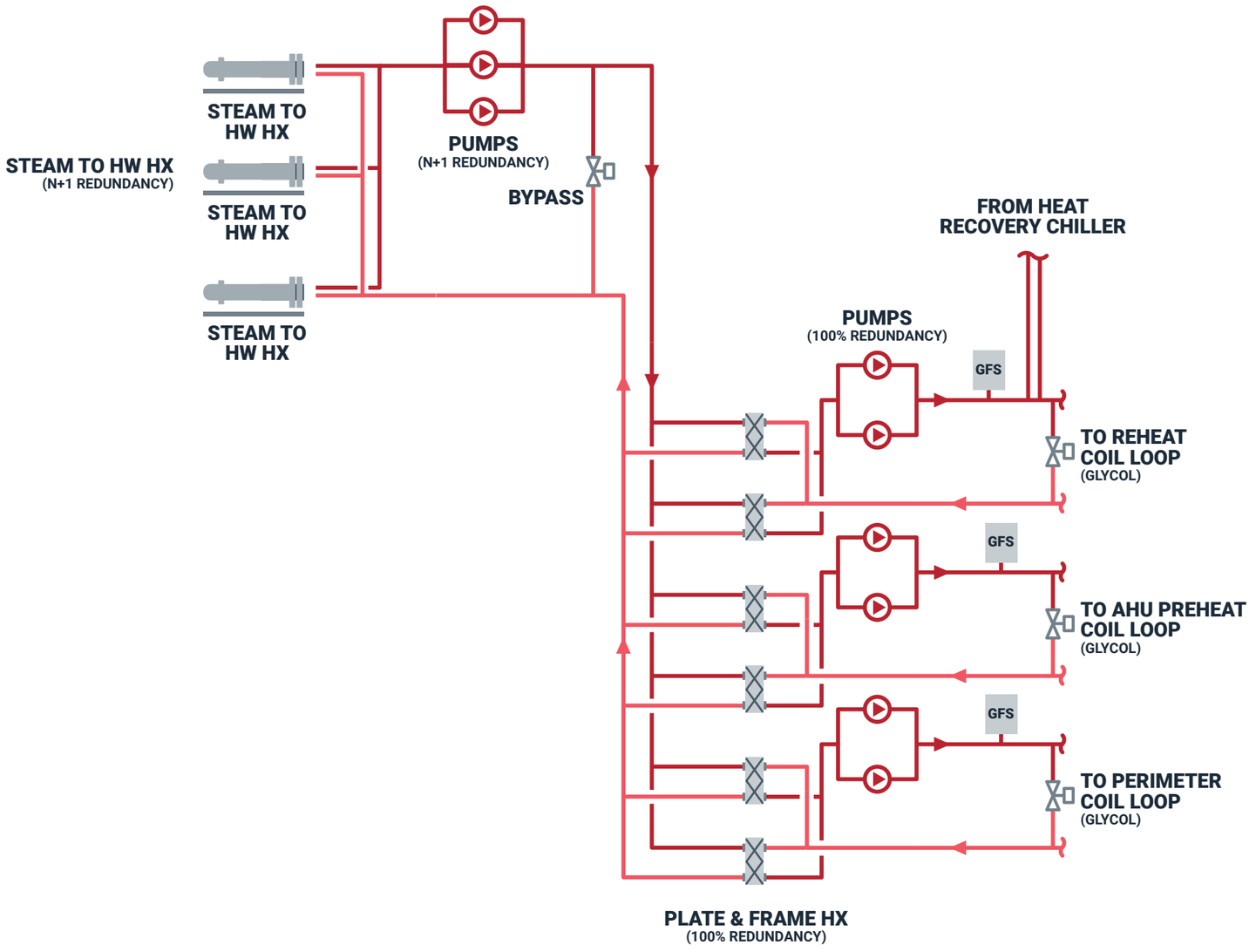
Hot water heat exchangers will be shell and tube type with water in the tubes and steam in the shell.

Distribution pumps will be base mounted end suction centrifugal type with VFDs. Boiler pumps will be in-line type.

The heating and reheat water system will also include the following components:

- Chemical Pot Feeder and filter assembly
- Air Separator
- Bladder Type Expansion Tank
- Make-Up Water Assembly
- Reheat Coils
- Unit Heaters
- Cabinet Unit Heaters
- Pressure Independent Control Valves
- Heat Recovery Chiller Condenser
- Appropriate Valving and Piping Specialties
- BTU meter with data reported to the BAS

HEATING HOT WATER PLANT



PREHEAT WATER SYSTEM

System Description

The air handling unit preheat coils will be provided with a 30% ethylene glycol hot water system. The preheat water loop will be hydraulically separated from the heating hot water system via two (2) 10,000 MBH plate and frame heat exchangers. The heat exchangers are sized for 2N redundancy. The preheat loop will be served by two (2) 700 gpm, base-mounted, end-suction pumps. Each distribution pump will be provided with variable frequency drive.

Preheat water system will be variable volume system utilizing a modulating 2-way control valve at each preheat coil. Distribution pumps will be provided with variable frequency drives (VFD).

A differential pressure transmitter between the preheat water supply and return mains will be utilized to vary the speed of the pumps, via variable frequency drives, to maintain a constant pressure differential between the piping mains.

Each preheat coil will be served by a coil pump circuit which will maintain constant flow through the preheat coil. A modulating 2-way control valve will be provided at each preheat coil pump circuit to maintain the required water temperature in the pumped coil circuit. Coil pumps will be in-line type.

The preheat hot water loop will also include the following components:

- 10% Side-stream Water Filter
- Chemical Pot Feeder
- Air and Dirt Separator
- Bladder Type Expansion Tank
- Make-Up Water Assembly
- Air Handling Unit Preheat Coils
- Pressure Independent Control Valves for Major Equipment
- Glycol Fill Assembly
- Appropriate Valving and Piping Specialties
- BTU meter with data reported to the BAS

PERIMETER HEATING WATER SYSTEM

System Description

The building will be provided with a 30% ethylene glycol hot water system to serve the perimeter radiation throughout the building spaces with exterior exposure. This loop shall be sized to account for the envelope load in spaces with exterior exposure. The perimeter heating loop will be hydraulically separated from the heating hot water system via two (2) 5,000 MBH plate and frame heat exchangers. The heat exchangers are sized for 2N redundancy. The preheat loop will be served by two (2) 350 gpm base-mounted, end-suction pumps. Each distribution pump will be provided with variable frequency drive.

Perimeter heating water will be distributed at supply temperature of 130°F.

Perimeter heating water system will be variable volume system utilizing a modulating 2-way control valve at each preheat coil. Distribution pumps will be provided with variable frequency drives (VFD).

A differential pressure transmitter between the perimeter heating water supply and return mains will be utilized to vary the speed of the pumps, via variable frequency drives, to maintain a constant pressure differential between the piping mains.

The perimeter heating water system will also include the following components:

- 10% Side-stream Water Filter
- Chemical Pot Feeder
- Air and Dirt Separator, Bladder Type Expansion Tank
- Make-Up Water Assembly
- Convectors
- Fin Tube Radiation
- Unit Heaters
- Cabinet Unit Heaters
- Radiant Ceiling Panels
- Pressure Independent Control Valves for Major Equipment
- Appropriate Valving and Piping Specialties
- BTU meter with data reported to the BAS

REHEAT WATER SYSTEM

System Description

The building will be provided with a 30% ethylene glycol hot water system to serve the reheat coils throughout the building. The reheat loop will be hydraulically separated from the heating hot water system via two (2) 4,000 MBH plate and frame heat exchangers. The heat exchangers are sized for 2N redundancy. The preheat loop will be served by two (2) 275 gpm base-mounted, end-suction pumps. Each distribution pump will be provided with variable frequency drive.

Reheat coil water will be distributed at supply temperature of 130°F.

Reheat water system will be variable volume system utilizing a modulating 2-way control valve at each terminal device, except selected devices such as unit heaters will cycle unit fans on and off with constant flow. Distribution pumps will each be provided with VFD.

A differential pressure transmitter between the reheat water supply and return mains will be utilized to vary the speed of the pumps, via variable frequency drives, to maintain a constant pressure differential between the piping mains.

The reheat water system will also include the following components:

- 10% Side-stream Water Filter
- Chemical Pot Feeder
- Air and Dirt Separator
- Bladder Type Expansion Tank
- Reheat coils
- Pressure Independent Control Valves for Major Equipment
- Appropriate Valving and Piping Specialties
- BTU meter with data reported to the BAS

Subcircuits will be selected for linear control characteristics of the terminal device and control valve combination.

Terminal devices will be sized for water temperature drop of approximately 30°F.

MECHANICAL METERED SYSTEMS

Provide energy monitoring system to monitor the following mechanical systems:

1. BTU Meters for each Hot Water loop
2. BTU Meters for each Chilled Water loop
3. BTU Meter for Heat Recovery System
4. Steam and Condensate metering for all steam system end uses
5. BTU Meter for each Air Handling Unit coils
6. Energy metering for any energy end uses that represent 10% or more of the total annual consumption of the building

PIPE DISTRIBUTION CRITERIA

All Mechanical room piping and piping risers shall be color coded. Coordinate final colors with UIC facilities.

All pumps greater than 5 HP to include shaft grounding.

Piping Distribution Criteria			
System	**Material**	**Size Criteria**	**Pipe and Fitting Insulation**
Steam and Condensate System	Steam piping will be Schedule 120. Condensate piping will be Schedule 120. Plant steam and condensate will be distributed through carbon steel piping with threaded fittings for pipes 2" and smaller and welded fittings for pipes 2-1/2" and larger.	Steam piping will be sized to maintain velocities between 6000 and 8000 fpm. Steam piping for steam pressures equal to or less than 15 psig will be sized for a maximum pressure drop of 3/4 psi/100 ft of pipe and a maximum velocity of 6,000 fpm. For gravity condensate	Rigid glass fiber insulation with appropriate insulation jacket

Piping Distribution Criteria			
System	**Material**	**Size Criteria**	**Pipe and Fitting Insulation**
		return piping, sizing criteria on Table 21 of ASHRAE Handbook of Fundamentals Chapter 22 will be used. The capacity of Table 21 which is based on ST steel pipe will be adjusted to XS steel pipe.	
Steam Condensate Pumped Discharge	Condensate piping will be Extra Strong (XS). Condensate will be returned through carbon steel piping with threaded fittings for pipes 2" and smaller and welded fittings for pipes 2-1/2" and larger.	Maximum pressure drop of 4 ft of water/100 ft of pipe for piping 1" and larger. 2 fps minimum velocity to 8 fps maximum velocity.	Rigid glass fiber insulation with appropriate insulation jacket
Humidification	Piping will be carbon steel with threaded fittings for piping 2” and smaller and with welded fittings for piping 2-1/2” and larger.	For steam pressure equal to or less than 15 psig will be sized for a maximum pressure drop of 3/4 psi/100 feet	Rigid glass fiber insulation with appropriate insulation jacket

Piping Distribution Criteria			
System	**Material**	**Size Criteria**	**Pipe and Fitting Insulation**
		of pipe and a maximum velocity of 6000 fpm.	
Chilled Water (Indoors)	Type L copper piping with soldered fittings for pipes 2" and smaller and ST carbon steel piping with welded fittings for pipes 2-1/2" and larger. Grooved end steel piping and fittings are optional in mechanical rooms in lieu of welded fittings. Unions will not be provided at terminal heating devices in copper piping.	Maximum pressure drop of 4 ft of water/100 ft of pipe for piping 6" or smaller. 10 fps maximum velocity for piping 8" and larger.	Closed cell type insulation with appropriate insulation jacket.
Chilled Water (Outdoors Above Ground)	ST carbon steel piping with welded fittings	10 fps maximum velocity for piping 8" and larger.	1.5,” 2.5 pcf density phenolic insulation with vapor retardant barrier similar to ITW SARAN 560-CX Film.

Piping Distribution Criteria			
System	**Material**	**Size Criteria**	**Pipe and Fitting Insulation**
			Wrap with stainless steel jacketing
Chilled Water (Below Ground)	Supply piping will be pre-manufactured insulate piping (standard weight carbon steel carrier pipe, 2” polyurethane insulation and 200 mil HDPE outer jacket). Return piping will be Class 150, DR-11, HDPE pipe.	Maximum pressure drop of 4 ft of water/100 ft of pipe for piping 6” or smaller. 10 fps maximum velocity for piping 8" and larger.	2” polyurethane insulation with appropriate insulation jacket
Medium Temperature Chilled Water	Type L copper piping with soldered fittings for pipes 2" and smaller and ST carbon steel piping with welded fittings for pipes 2-1/2" and larger. Grooved end steel piping and fittings are optional in mechanical rooms in lieu of welded fittings. Unions will not be provided at terminal heating devices in	Maximum pressure drop of 4 ft of water/100 ft of pipe for piping 6" or smaller. 10 fps maximum velocity for piping 8" and larger.	Closed cell type insulation with appropriate insulation jacket.

Piping Distribution Criteria			
System	**Material**	**Size Criteria**	**Pipe and Fitting Insulation**
	copper piping.		
Heating Hot Water	Type L copper piping with soldered fittings for pipes 2" and smaller and ST carbon steel piping with welded fittings for pipes 2-1/2" and larger. Grooved end steel piping and fittings are optional in mechanical rooms in lieu of welded fittings. Unions will not be provided at terminal heating devices in copper piping.	Maximum pressure drop of 4 ft of water/100 ft of pipe for piping 6” or smaller. 10 fps maximum velocity for piping 8" and larger.	Rigid glass fiber insulation with appropriate insulation jacket
Preheat Water	Type L copper piping with soldered fittings for pipes 2" and smaller and ST carbon steel piping with welded fittings for pipes 2-1/2" and larger. Grooved end steel piping and fittings are optional in mechanical rooms in lieu of welded fittings.	Maximum pressure drop of 4 ft of water/100 ft of pipe for piping 6” or smaller. 10 fps maximum velocity for piping 8" and larger.	Rigid glass fiber insulation with appropriate insulation jacket

Piping Distribution Criteria			
System	**Material**	**Size Criteria**	**Pipe and Fitting Insulation**
Perimeter Heat Water	Type L copper piping with soldered fittings for pipes 2" and smaller and ST carbon steel piping with welded fittings for pipes 2-1/2" and larger. Grooved end steel piping and fittings are optional in mechanical rooms in lieu of welded fittings. Unions will not be provided at terminal heating devices in copper piping.	Maximum pressure drop of 4 ft of water/100 ft of pipe for piping 6” or smaller. 10 fps maximum velocity for piping 8" and larger.	Rigid glass fiber insulation with appropriate insulation jacket
Heat Recovery Piping	Schedule 40 steel pipe, wrought-steel fittings and wrought-cast or forged-steel flanges and flange fittings, and welded and flanged joints.	Maximum pressure drop of 4 ft of water/100 ft of pipe for piping 6” or smaller. 10 fps maximum velocity for piping 8" and larger	Rigid glass fiber insulation with appropriate insulation jacket

HVAC AIR SYSTEMS DESCRIPTION

This section includes general description of the HVAC air systems. All HVAC equipment shall be provided with sufficient space surrounding equipment to adequately service, perform routine maintenance, and complete replacement of any internal component. Developer to provide general arrangement plans showing equipment locations for serviceability at every design milestone.

AIR HANDLING SYSTEMS

Laboratory Air Handling Systems

All laboratory areas shall use 100% outside air in a one pass system. Energy recovery between the exhaust air stream and the outside air stream will be considered as applicable including network energy recovery system.

Aircuity chemical fume sensing technology will be provided for energy conservation by reducing lab air change rates when allowed.

Factory fabricated custom air handling units will be manifolded to serve the laboratory, laboratory support, and incubator spaces. The interior of the air handling units will be stainless steel.

A dedicated outdoor air handling system will be provided to provide heating, cooling, and dehumidification for ventilation air. Chilled beams and reheat coils will be used to condition the local space heating and cooling demand. The air valves’ reheat coil control valve shall be configured to fail in position.

Hydronic run-around heat recovery system including coils, heat exchangers, and pumps will be provided to recover heat from fume/general exhaust systems.

Air supplied to all spaces will be exhausted outdoors. No air from the laboratory or support spaces will be returned to the air handling unit. Pressure differential for spaces served by the unit will be developed in future design phase.

Ambient noise levels from the HVAC system shall not exceed NC 35-40 in laboratories. Air handling units will operate 24 hours per day, 365 days per year.

There shall be (4) Laboratory air handling units sized for 50,000 cfm each. Each unit shall be configured with two (2) supply air tunnels.

Office Air Handling Systems

All office, conference, and other occupiable spaces outside of labs, lab support rooms, and vivarium spaces shall be served by a 15,000 CFM primary air handling unit which will provide ventilation, makeup air, and dehumidification. The unit shall be a high percentage outside air unit with energy recovery wheel in addition to mixing.

Chilled beams and reheat coils will be used to condition the local space heating and cooling demand. Airside zoning shall be developed during detailed design to group spaces with similar exposure, occupancy patterns, and internal loads under the same VAV terminal unit where feasible.

Air supplied to all spaces will be returned to the air handling unit energy recovery wheel for energy conservation via return ductwork.

Ambient noise levels from the HVAC system shall not exceed NC 30-35 in all the office spaces.

Air handling units will operate 24 hours per day, 365 days per year.

Air handling units to use air blending devices located within the unit and/or mixed air plenums.

Vivarium Air Handling Systems

The Vivarium shall use 100% outside air in a one pass system. Energy recovery between the exhaust air stream and the outside air stream will be considered as applicable including network energy recovery system.

Aircuity chemical fume sensing technology will be provided for monitoring.

Factory fabricated custom air handling units will be manifolded to serve the vivarium spaces. The interior of the air handling units will be stainless steel.

Hydronic run-around heat recovery system including coils, heat exchangers, and pumps will be provided to recover heat from fume/general exhaust systems.

Air supplied to all spaces will be exhausted outdoors. No air from the vivarium or support spaces will be returned to the air handling unit. Pressure differential for spaces served by the unit will be developed in future design phase.

Ambient noise levels from the HVAC system shall not exceed NC 35-40 in the vivarium spaces.

Air handling units will operate 24 hours per day, 365 days per year.

The vivarium air handling unit shall be sized for 100,000 cfm. The unit shall be configured with two (2) supply air tunnels for 100% redundancy. The 50,000 cfm supply and exhaust air tunnels shall be fully redundant.

Terminal air valve devices for the vivarium spaces shall be located on elevated maintenance platform within mechanical gallery. The air valves' reheat coil control valve shall be configured to fail in position.

Equipment and Components

Components	AHU Systems		
	Laboratory	Vivarium	Office
Supply Air Module			
Outside Air Intake Damper	X	X	X
Run-Around, refrigerant heat recovery coils	X	X	N/A
Energy Recovery Wheel	N/A	N/A	X
Hot Water Preheating Coil	X	X	X
Steam Injection Humidifier	X	X	X
Chilled Water Cooling Coils	X	X	X
Supply Fan Arrangement	Multi-fan array(ii)	Multi-fan array(ii)	Multi-fan array(ii)
Supply Fan to VFD Ratio	1:1	1:1	1:1

Components	AHU Systems		
	Laboratory	Vivarium	Office
Sound Attenuator	Duct Mounted Supply Air	Duct Mounted Supply Air	Duct Mounted Supply Air
MERV 8, 2" Prefilters	X	X	X
MERV 14 Cartridge Final Filters	X	X	X
99.97% Efficient HEPA Filters	As Required	As Required	N/A
Carbon Filters	N/A	N/A	N/A
Bipolar Ionization at Chilled Water Coil	X	X	N/A
Isolation/Smoke Dampers	X	X	X
Electronic Airflow Measuring Stations	X	X	X
Exhaust Air Module			
Isolation/Smoke Dampers	X	X	X
Relief Air Damper	X	X	X
MERV 8 Filter	X	X	X
Refrigerant Energy Recovery Coil	X	X	N/A
Energy Recovery Wheel	N/A	N/A	X
Fan Inlet Side Sound Attenuator	X	X	X
Electronic Airflow Measuring Stations	X	X	X

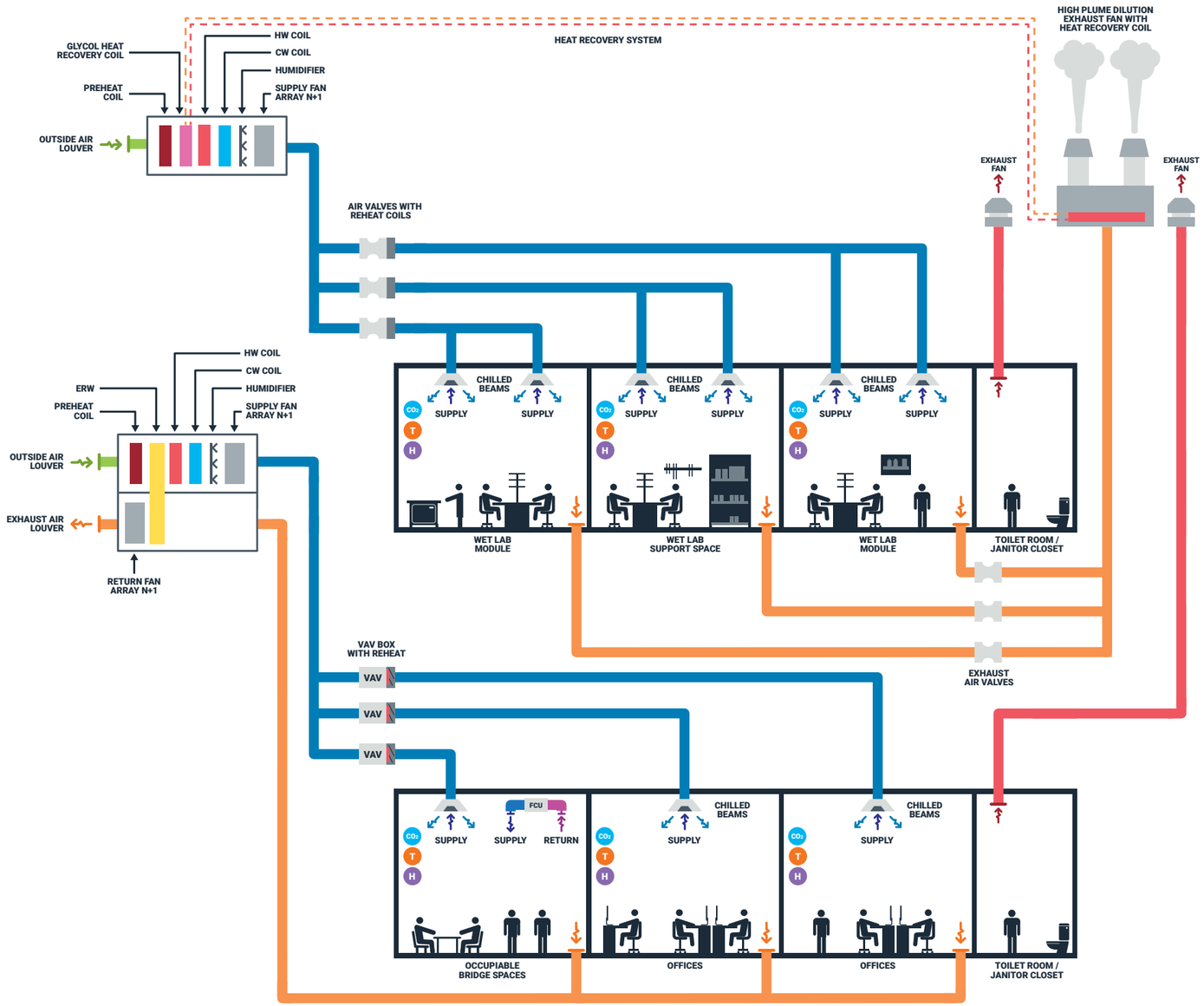
i. Components are not listed in airflow tunnel order
ii. Quantity of fans dependent on size of unit. Utilize economies of scale to select the appropriate number of fans for each individual unit.

Supply fans will be plenum type with airfoil blades. Fan speed and air volume will be modulated through variable frequency drives (VFDs) controlled by supply duct static pressure controller. VFDs to be remotely mounted and wired indoors. Electronically commutated motors (ECM) shall not be permitted. For all the fan walls motors, cells and filter sizes shall be consistent.

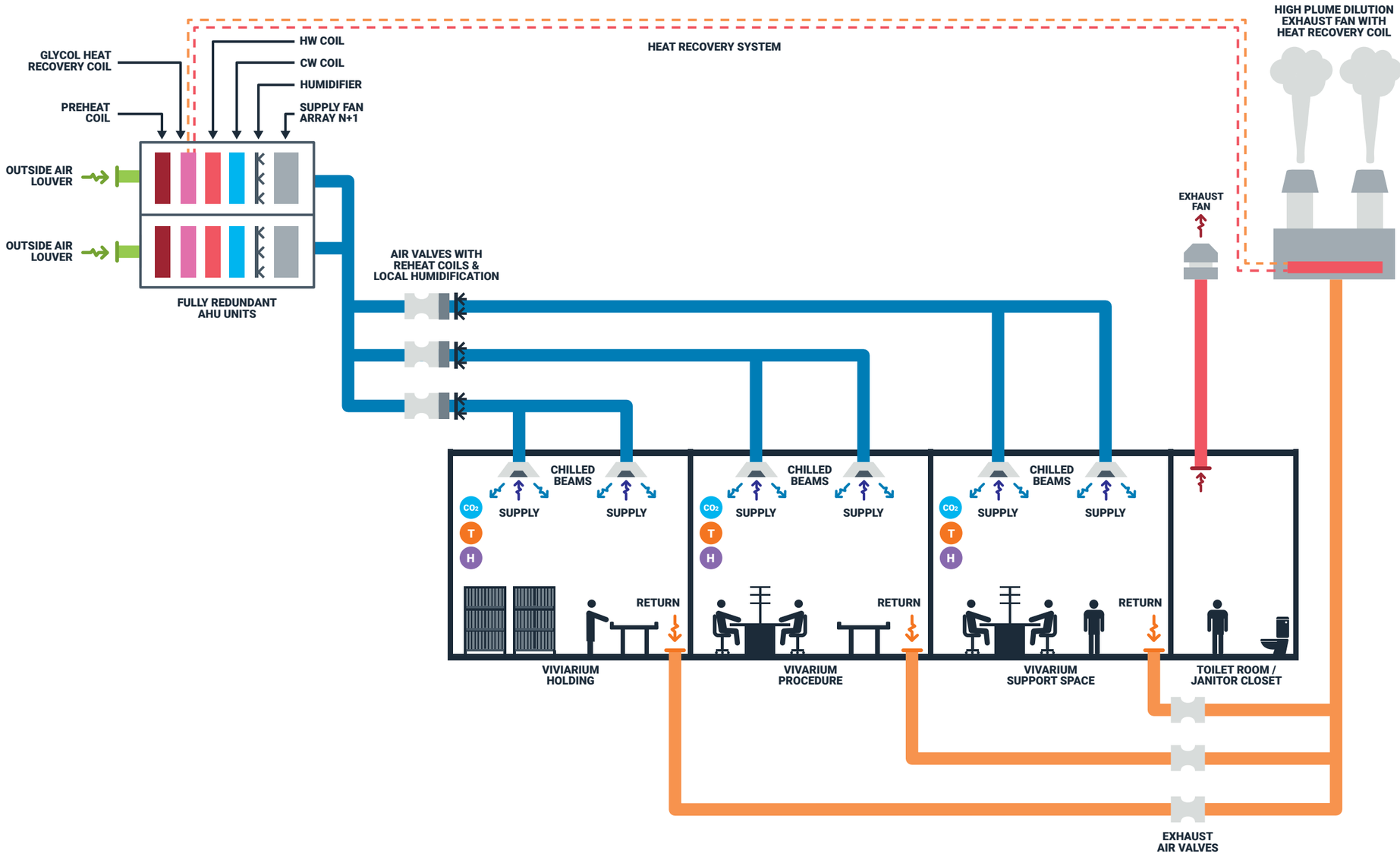
Design Criteria

Air Handling Unit Maximum Allowable Nominal Face Velocities at Maximum Airflow	
Air Intake Louvers	400 fpm through free area of louver
Intake Hoods	400 fpm through free area of louver
Relief Hoods	800 fpm through free area of louver
Hot Water Heating Coils	450 fpm
Energy Recovery Coil	450 fpm
Chilled Water Cooling Coils	450 fpm
Pre-filters	450 fpm
Final filters	450 fpm
HEPA Filter	400 fpm
Sound Attenuating Devices	Located in AHU: 500 fpm Located in ductwork: Maximum 1,200 fpm or maximum 0.25" w.g.

LAB / OFFICE DOAS & EXHAUST SYSTEM DIAGRAM



VIVARIUM DOAS & EXHAUST SYSTEM DIAGRAM



LABORATORY EXHAUST SYSTEMS

Combined Laboratory Exhaust System

Hazardous exhaust ductwork from chemical fume hoods, BSCs, and snorkels, shall be manifolded separately from general lab unit exhaust systems. These ductwork systems shall be combined into a roof mounted exhaust manifold. A laboratory unit is defined in NFPA 45. The system will be sized to accommodate future fume hood layout determined in future design phase.

The laboratory exhaust system will consist of exhaust fans connected to a common exhaust fan inlet plenum and will be located on the penthouse roof. The fans are intended to operate in parallel and will each be sized for a fraction of the design load and include additional fans for N+1 redundancy.

Laboratory exhaust system will be variable air volume. While the system is variable air volume, the exhaust fans operate at constant volume to maintain a constant stack discharge velocity. A static pressure sensor in the exhaust fan inlet plenum modulates an outside air bypass damper, introducing the required outside air into the plenum to maintain a constant flow rate through the fans.

The laboratory exhaust system shall provide six (6) high-plume exhaust fans with a design airflow volume of 50,000 cfm each. Fans shall be configured for N+1 redundancy. Each fan shall be provided with the fan motor out of the airstream and provided with a motor davit for maintenance purposes. VFD to be remotely mounted and wired indoors. Electronically commutated motors (ECM) shall not be permitted.

A dedicated exhaust system will be provided for the vivarium spaces and shall provide two (2) high-plume exhaust fans with a design airflow volume of 50,000 CFM each. Fans shall be configured for 100% redundancy. Each fan shall be provided with the fan motor out of the airstream and provided with a motor davit for maintenance purposes. VFD to be remotely mounted and wired indoors. Electronically commutated motors (ECM) shall not be permitted.

Each system will operate 24 hours per day, 365 days per year.

Equipment and Components

Component	Lab Exhaust Systems
Common exhaust fan intake plenum	X
Sound attenuating device	X
Isolation damper at each fan inlet	X
Exhaust Fans	DWDI Centrifugal Fan
Exhaust stack for each fan discharge	X
Outside air bypass ductwork with sound attenuating device, control damper, and appropriate balancing devices	X

Exhaust fans will be of AMCA Class "C" spark-proof construction with bearings and motors out of the air stream. Motors will have electric brakes to prevent counter rotation during start up.

Laboratory exhaust fans will be provided with standby power.

Fans and heat recovery coils will have baked heresite chemical resistant coating on surfaces in contact with air stream.

Induced flow exhaust fans will be used to dilute contaminated air at the stack outlet and increase outlet air volume.

Fans will have packless type sound attenuating devices on the exhaust main, and the outside air by-pass duct.

Heat recovery coil will be provided at the air handling exhaust air tunnel. 30% pleated filters will be provided at the inlet of coil with face damper and bypass damper/duct around filter and coil to allow serving of filter and coils while the exhaust fans are operating.

The fume exhaust stacks shall be located to facilitate the removal of hazardous materials and ensure safe dilution levels. The height of the fume exhaust stacks

will be carefully determined in conjunction with local codes and regulations. The height of the stacks and their location on the roof are critical to safe building operation and the safety of neighboring sites.

Fume exhaust stacks must be minimum ten feet above the adjacent roof line to avoid exposing the maintenance personnel to the direct upward blast of the fume exhaust.

The discharge velocity from exhaust stacks should be maintained at a minimum of 3,000 feet per minute to counteract any re-entrainment due to varying wind direction or area environmental features. Exhaust stacks should be located outdoors.

Architectural masking structures may be used as long as the requirements of this section are met, and the stack extends at least one diameter above the masking structure.

Recirculation of hazardous fumes from exhaust stacks on the roof to the outside air intakes of building ventilation systems should be prevented. It is recommended that building air intake be located on the lower one-third of the building and high enough above the ground to avoid dust or vehicle exhaust. If located on the roof, air intakes should not be placed near the edges of a wall or roof.

The location of the fume exhaust stacks and the building air intakes should not depend on the prevailing wind directions. More careful risk analysis is desirable to analyze possible cross-contamination as well as the effect of outside wind conditions and surrounding buildings, hills, trees, and other features which cause turbulent flow around the laboratory building. The location and height of the exhaust discharge in relation to the building intakes, the prevailing winds, and the building boundary layer created by the air flow pattern over the building, may need to be studied to minimize any re-entry of exhaust air into this and adjacent buildings. Based on the complexity of the project, the use of specialized techniques such as wind tunnel modeling or numerical simulations may be contracted by the owner.

A ships ladder is to be provided for access to all roof mounted equipment for access, servicing, maintenance, and replacement of any interior component.

Design Criteria

Exhaust System Unit Maximum Allowable Nominal Face Velocities or Pressure Drop	
Heat Recovery Coils	450 fpm
MERV 8 Filters	450 fpm

AIR TERMINAL DEVICES

Up to three individual spaces having a common exterior exposure or a common interior space, and common occupancy, will be served by one supply air terminal (AT) device.

One air terminal device will be provided where individual space temperature control is required.

Final zoning control strategies will be determined during detailed design with finalized floorplans. Developer to submit zoning plans for review at every major deliverable milestone.

Return air terminal devices will be provided for rooms requiring pressure control.

Air terminal devices will be utilized for fume hoods, snorkel exhausts, and general exhaust.

Air Terminal Devices			
Spaces and Systems	**Service**	**Type**	**Sound Attenuation**
Administrative Support	Supply	Galvanized steel single blade damper ATs will have internal liner with airflow measuring ring. (i)	(ii)
	Return/Exhaust	None	N/A
General Lab	Supply	Pressure independent ATs will have vortex shedding airflow	(iii)

Air Terminal Devices			
Spaces and Systems	Service	Type	Sound Attenuation
		measuring station and fast acting 24V actuator. 2-pipe constant volume chilled beam, where sensible cooling would otherwise drive airflow requirements.	
	Exhaust	Pressure independent ATs will have vortex shedding airflow measuring station and fast acting 24V actuator.	(iii)
Vivarium	Supply and Exhaust	Pressure independent ATs will have vortex shedding airflow measuring station. (i)	(iii)

i. ATs will be provided with system pressure independent DDC controllers with 24 V electric actuators.

ii. Ductwork will not be lined. Sound attenuating flexible duct up to 6 ft in total length, will be provided at the diffusers and grilles to control noise. Sound attenuators at the discharge of supply and inlet of exhaust/return air terminal devices will not be provided unless required to meet noise criteria.

iii. Sound attenuating flexible duct up to 6 ft in total length, will be provided at diffusers and grilles to control noise. Sound attenuators at the discharge of supply and inlet of exhaust/return air terminal devices will be provided to meet noise criteria.

iv. Rooms will have room pressure monitors to constantly monitor the status of the room and direction of airflow for alarming if pressure relationship is not maintained. Operational and alarm status will be connected to BAS as well as local indication.

GENERAL EXHAUST SYSTEMS

System Description

General/Sanitary

The system will service toilet rooms, janitor's closets, locker rooms, service sink closets, soiled workroom/utility rooms, soiled holding/linen rooms.

System will consist of exhaust fan(s) that will be controlled via occupied/unoccupied control.

System will consist of exhaust fans connected to a common exhaust fan inlet plenum and will be located on the roof.

The exhaust system will be variable volume.

GENERATOR EXHAUAST SYSTEMS

System Description

System will consist of generator exhaust piping from the outlet of the generator engine exhaust muffler and extend above the roof.

Design Criteria

Exhaust system will be designed per manufacturer’s recommendations or within maximum backpressure of 27” WG.

GENERATOR VENTILATION SYSTEMS

System Description

Emergency Generator ventilation system will provide air for engine makeup combustion and radiator cooling.

Equipment and Components

The ventilation system will consist of the following components:

- Outside air hood
- Outside air intake dampers

- Outside air sound attenuators
- Exhaust air acoustic louvers
- Return air damper
- Exhaust air dampers
- Discharge air sound attenuators
- Supply Fan

Design Criteria

Air Handling Unit Maximum Allowable Nominal Face Velocities at Maximum Airflow	
Air Intake Louvers	350 fpm through free area of louver
Exhaust Louvers	400 fpm through free area of louver
Outside air sound attenuating device (SAD)	400 fpm
Exhaust air sound attenuating device (SAD)	400 fpm

DUCTWORK SYSTEMS

Ductwork will be constructed in accordance with SMACNA Standards for appropriate pressure class. Ductwork will be sealed to meet SMACNA Seal Class A as a minimum and to limit ductwork leakage not exceeding 1% of the design flow rate for high pressure ductwork and 2% for low pressure ductwork.

Duct System Distribution Criteria based on diversified CFM where applicable.

Supply and Return/Exhaust System with Air Terminals

Description	Construction	Design Criteria	Insulation
Shaft	Galvanized Steel +10” Pressure Class	(i)	Fiberglass Insulation
Air Handling Unit to Air Terminal (AT) Device	Galvanized Steel +6” Pressure Class	(i)	Fiberglass Insulation
Air Terminal Device to Supply Diffuser	Galvanized Steel +2“ Pressure class Ductwork will not be lined	(ii)	Fiberglass Insulation
Return/Exhaust Ductwork Sizing (No Air Terminals in System)	Galvanized Steel (-4)” Pressure class	(ii)	(vii)
Return/Exhaust Grille to Air Terminal	Galvanized Steel (-2)“ Pressure class	(ii)	None
Return/Exhaust Air Terminal Device to Fan	Galvanized Steel (-10)“ Pressure class	(i)	None

i. Maximum pressure drop of 0.15"/100 ft when ≤ 10,000 cfm
ii. Maximum velocity of 2,000 fpm, when > 10,000 cfm
iii. Maximum velocity of 2,500 fpm, when > 10,000 cfm in mechanical room, risers in shafts, and where space constraints dictate quantity of fans dependent on size of unit. Utilize economies of scale to select the appropriate number of fans for each individual unit.
iv. Maximum pressure drop of 0.1"/100 ft when ≤ 8,000 cfm
v. Maximum velocity of 1,600 fpm, when > 8,000 cfm
vi. Exhaust duct within 20’ of fan Stainless Steel (-10”) Pressure Class

vii. Return/Exhaust ductwork serving only the noise sensitive labs and Vivarium may be insulated to meet noise criteria described in section 8.10

Lab Exhaust

All fume hood exhaust ductwork shall be under negative pressure.

Balancing and control dampers of the exhaust system shall fail open in event of failure. Fire dampers shall not be placed in fume exhaust ducts.

System	Construction	Design Criteria	Insulation
From Equipment, Grille, etc. to Air Terminal Device	(-4)“ Pressure class galvanized steel and runouts to fume hoods will be 316 stainless steel Longitudinal sections of exhaust ducts should be continuous seamless tube or continuously welded formed sheet.	(i)	None
Air Terminal Device to Main	(-6)“ Pressure class galvanized Steel	(ii)	None
Main to Heat Recovery Device	(-6)“ Pressure class galvanized steel	(ii)	None
Heat Recovery Device to Fan Inlet	(-10)“ Pressure class galvanized steel	(ii)	None
Exhaust Fan Stack Discharge Velocity	+10” Pressure class 316 stainless steel, all welded construction	(iii)	None
Exhaust ductwork within 20’ of fan systems	-10” Pressure class 316 stainless steel all welded construction	(iii)	None

i. Maximum pressure drop of 0.1"/100 ft when ≤ 8,000 cfm
ii. Maximum pressure drop of 0.15"/100 ft when ≤ 10,000 cfm
iii. Maximum velocity of 2,000 fpm, when > 10,000 cfm
iv. Nozzle velocity 3000 - 3500 fpm

General Exhaust

Piping system will utilize welded carbon steel piping with stainless steel bellows type expansion joints.

Piping and muffler will be insulated with 4” hydrous calcium silicate and aluminum jacket.

Generator exhaust system will extend from the outlet of the generator engine exhaust muffler to a minimum of 10 feet above the roof.

Estimated diameter of exhaust piping is 6 inches.

General Ventilation

Duct sizing criteria of outside air ductwork, radiator exhaust air ductwork, outside air dampers, radiator exhaust air dampers, outside air SAD and radiator exhaust air SAD will be sized not to exceed 0.5” WG static pressure.

2” pressure class galvanized steel ductwork will be utilized for all ductwork. Outside air ductwork will be externally insulated with fiberglass insulation.

Sound attenuation will be specified in accordance with section 8.10 Vibration and Noise Mitigation.

MAIN SERVER ROOM COOLING SYSTEM

System Description

Server Room will be provided with floor standing packaged computer room air handling units (CRAH) and ductwork to maintain specified IT equipment inlet temperature.

CRAHs will operate 24 hours per day, 7 days per week.

Equipment and Components

CRAHs are packaged equipment including cabinet, stand, controls, sensors, fans, cooling coils, modulating control valve, filter, and backdraft dampers.

IT cabinet containment to be packaged solutions.

Design Criteria

CRAH airflow based on IT equipment performance of 120 cfm/kW and containment.

70°F air will flood the room and be returned to the unit via return air plenum.

MISCELLANEOUS SYSTEMS

Bridge Lecture Hall Air Handling System

The Bridge Lecture Hall will be provided with a dedicated 7,000 cfm air handling unit with MERV-8 prefilter, MERV-13 final filter Chilled water coil, hot water preheat coil, energy recovery wheel, and centrifugal fan(s). Unit will be configured with outside air and exhaust connections.

The unit will be provided with CO2 and dehumidification control.

The pressure relationships between the College of Pharmacy and DDCRP buildings shall be evaluated during the future design phase of the project to ensure that pressure differentials do not result in uncontrolled air transfer between the two buildings. The final design shall include appropriate air balance to prevent adverse pressurization impacts to either building.

Other occupiable bridge spaces such as conference rooms and lobbies will be provided with self-contained fan-coil units to maintain required space temperature and humidity control.

Fan coil unit to include supply fan driven by electronically commutated motor, filters, hot water coil, and chilled water cooling coil.

Building Loading Dock

The Building Loading Dock will be equipped with hot-water air curtains located above all overhead and swinging doors opening to the outside.

Elevator Machine Rooms

Elevator machine rooms will be provided with single fan coil unit, return/relief fans for economization as required, associated control dampers and ductwork to maintain required space temperatures depending on the room size and HVAC load.

Fan coil unit to include supply fan driven by electronically commutated motor, filters, and chilled water cooling coil.

Imaging Equipment and Control Rooms

Each Imaging equipment and control room will be provided with self-contained fan-coil units to maintain required space temperature and humidity.

Fan coil unit to include supply fan driven by electronically commutated motor, filters, and chilled water cooling coil.

Stairwell Heating and Cooling

Each stairwell having external glazing/exposure and access to the exterior for egress will be provided with cabinet unit heaters to provide heating to the space. If heat gain of the stairwell may cause temperatures more than 85°F, heating and cooling fan coil units will be utilized to provide heating and cooling to the space.

Fan coil unit to include supply fan driven by electronically commutated motor, filters, and chilled water cooling coil.

Technology Space Cooling

Intermediate Distribution Framework (IDF) Rooms that require cooling will be provided with self-contained fan-coil units to maintain required space temperature and humidity.

Fan coil unit to include supply fan driven by electronically commutated motor, filters, and chilled water cooling coil.

In-Floor Radiant Heating System

An in-floor radiant heating system shall be incorporated into the building common areas on the first floor.

ACCEPTABLE MANUFACTURERS

Any equipment not listed shall be referred to the campus building standards. Equipment with a single manufacturer will be sole-sourced by UIC through the CDB process.

The number of different manufacturers for similar types of equipment shall be limited.

Equipment Type	Preferred Manufacturers
Air Handling Units	Buffalo, Ventrol, Thermal Corp, TMI
Exhaust Fans	Twin City, Strobic
Pumps	Bell & Gosset, Armstrong, Grundfos
Venturi Valves	Triatek
Chilled Beams	Semco
Terminal Units (VAV, FCU, etc.)	Nailor, Krueger, Trane
Pressure Sensors	TSI, Serta, Triatek
Tridium	Alerton, Distech
Control Valves, Damper Actuators	Belimo
AFMS	Ebtron, Air Monitor, Paragon
Controls	Alerton & Distech with Tridium N4
VFD	ABB
Expansion Tanks	Bell and Gossett, Wessels, Armstrong, TACO
Air Separators	Bell and Gossett, Wessels, Armstrong, TACO

Steam to Hot Water Heat Exchangers	Armstrong, ITT, B & G, Thrush
Water to Water Heat Exchangers	Armstrong, ITT, B & G, Thrush
Pressure Reducing Valves	AGA/Linde, Norgren, Tescom, B & G
Hydronic Fan Coil Units	Nailor, Engineered Comfort, Enviro-Tech

LOAD CENTER 7 DEMOLITION SCOPE

Remove and relocate existing hydronic piping systems, ductwork systems, conduit not serving existing switchboard, domestic water systems, and sanitary/waste/vent systems that infringe on the code required clearances within Load Center 7. Replace all existing lighting with new LED type fixtures. No existing or new piping shall be allowed above the load center.

All existing plumbing fixtures and associated piping serving the lab casework area in the floor above to be fully demolished, and any penetrations to be sealed and made waterproof. The existing infrastructure located in the lab space west wall shall be cleared out and relocated to outside of the Load Center 7 boundary.

All required shutdowns for Load Center 7 demolition shall be coordinated with UIC to minimize downtimes.



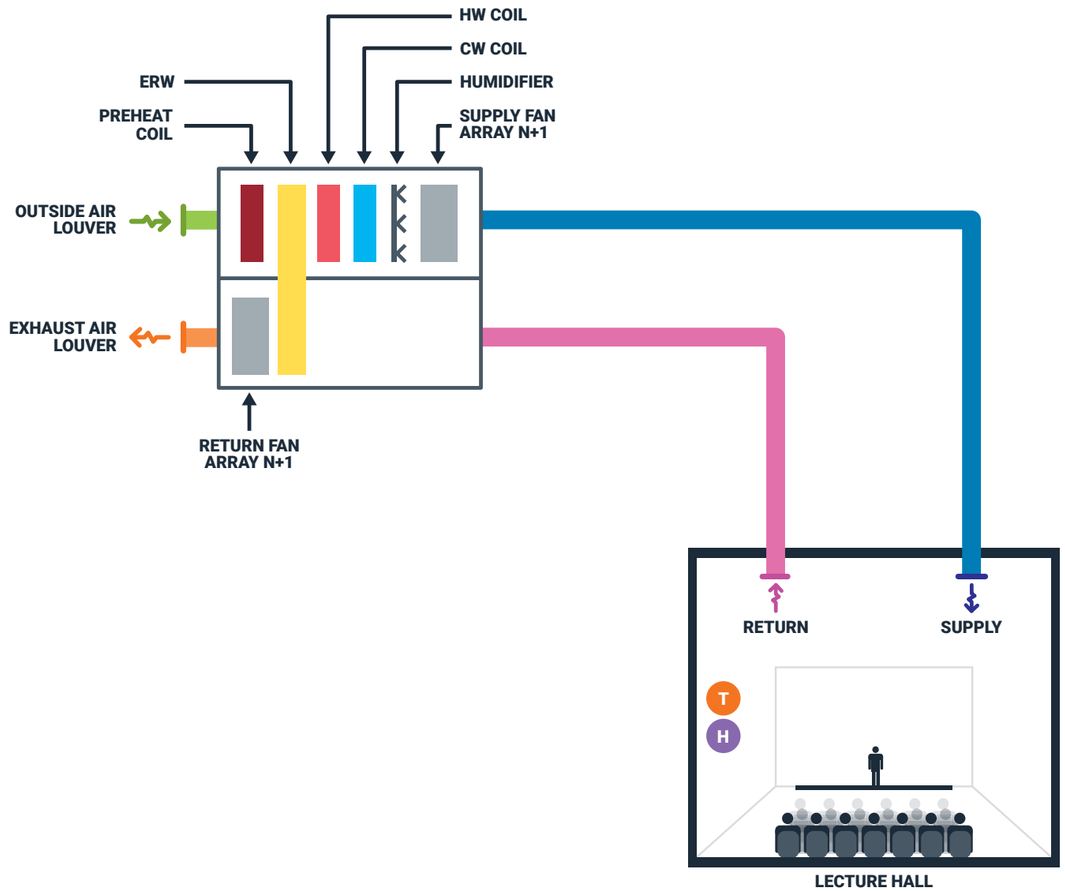
Existing Systems in Load Center 7

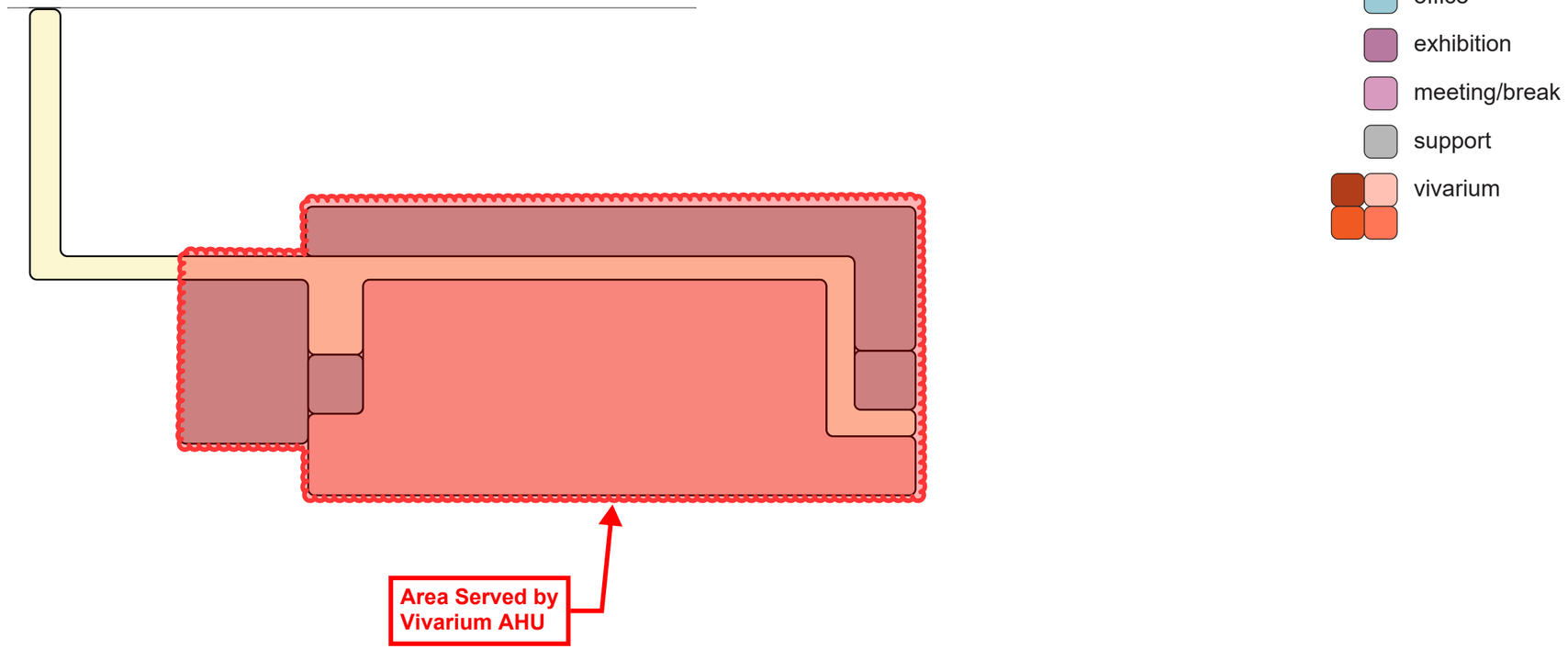


Existing Lab Casework/Sinks

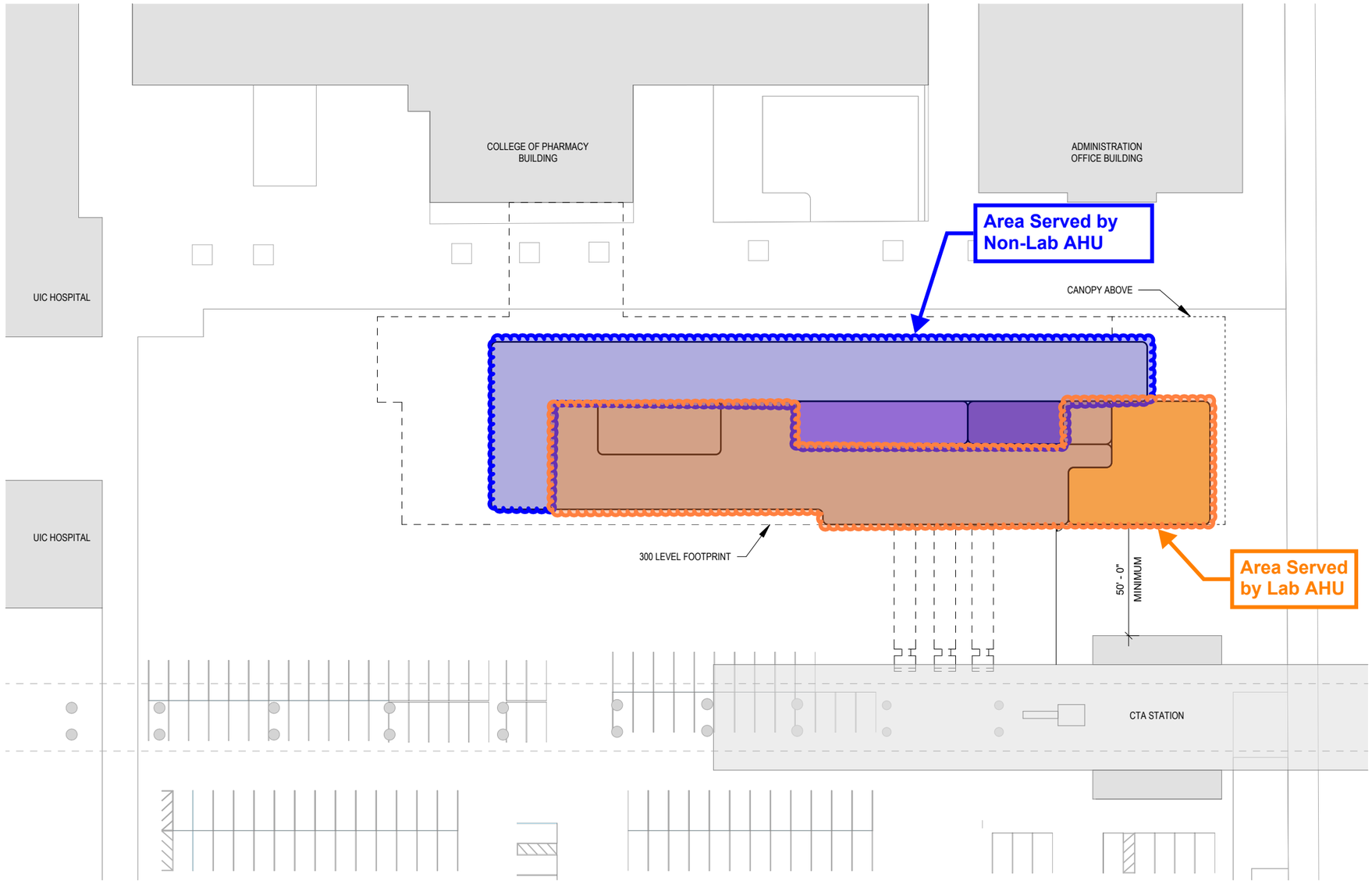
This page is intentionally left blank.

BRIDGE LECTURE HALL SYSTEM DIAGRAM

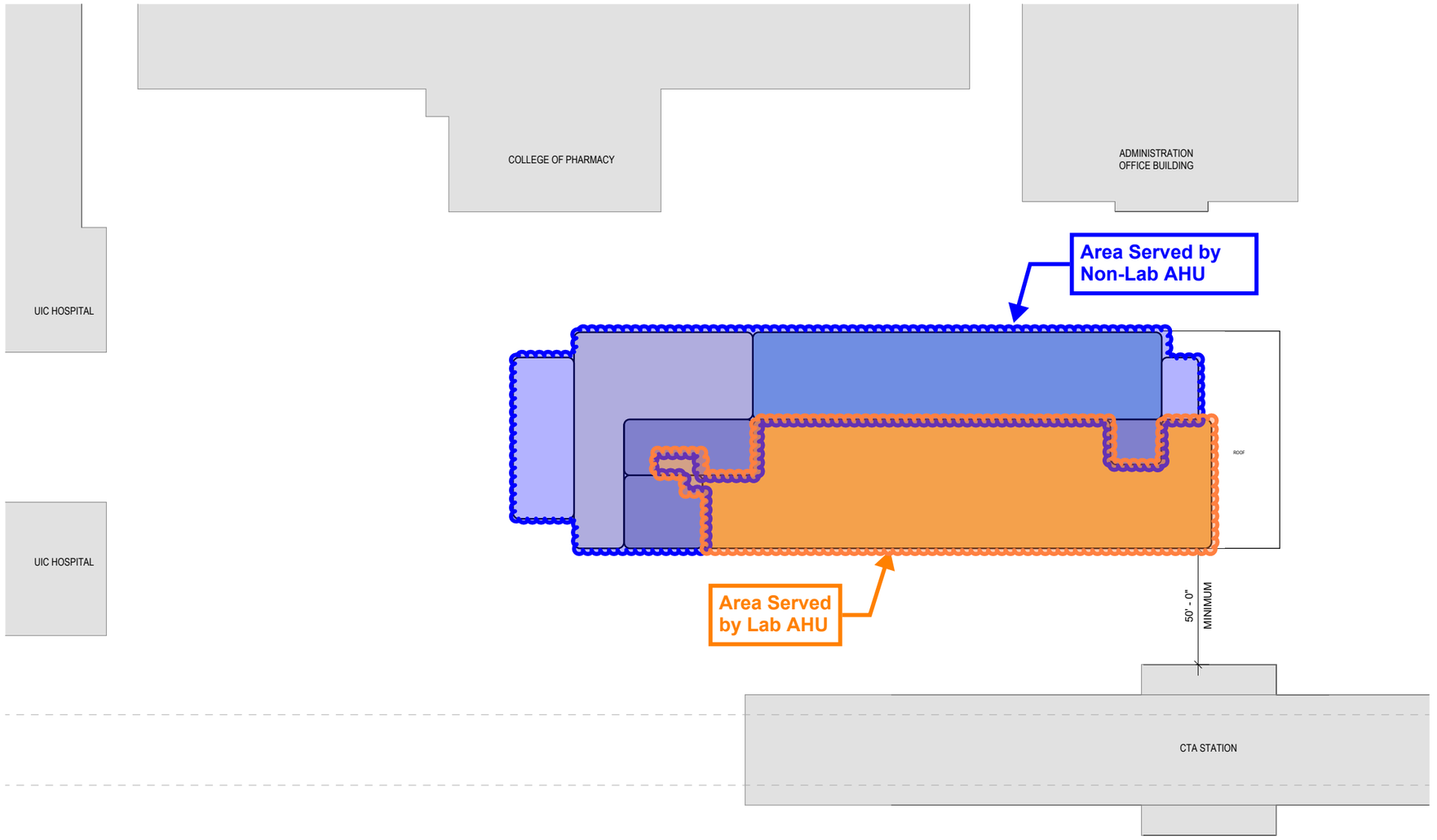




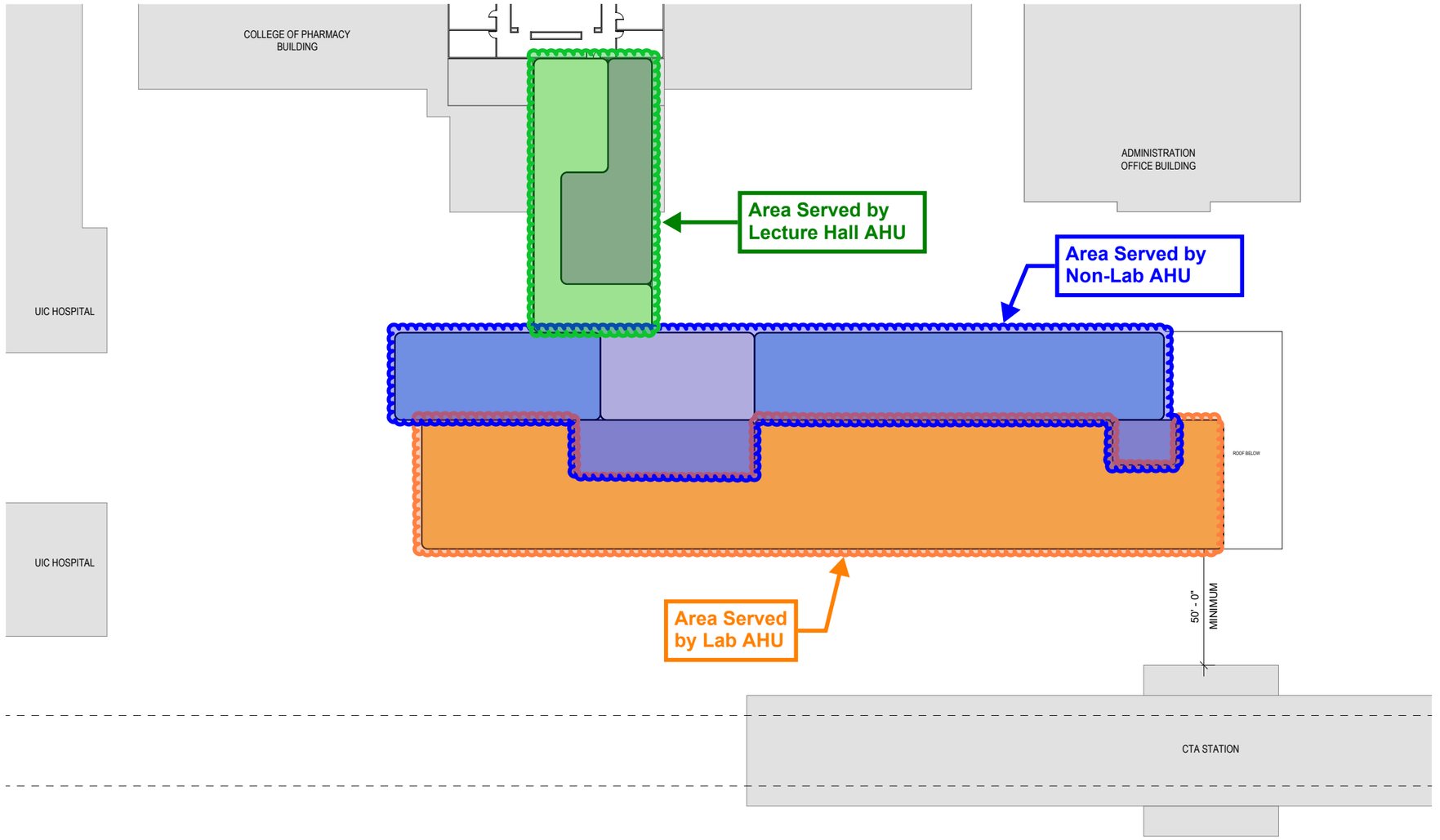
1 B1 LEVEL AHU ZONING PLAN
A2-3



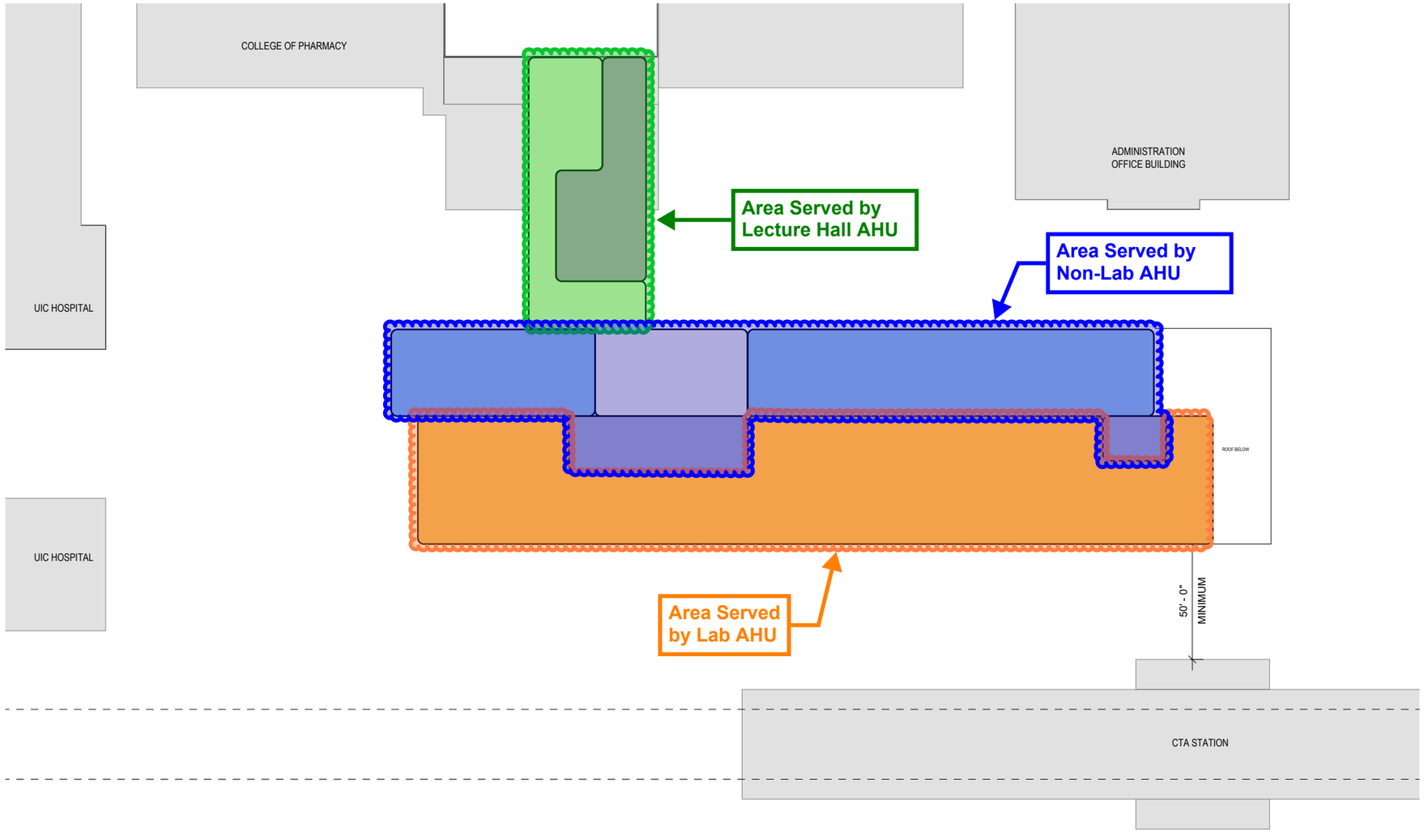
1 100 LEVEL AHU ZONING PLAN
A2-4



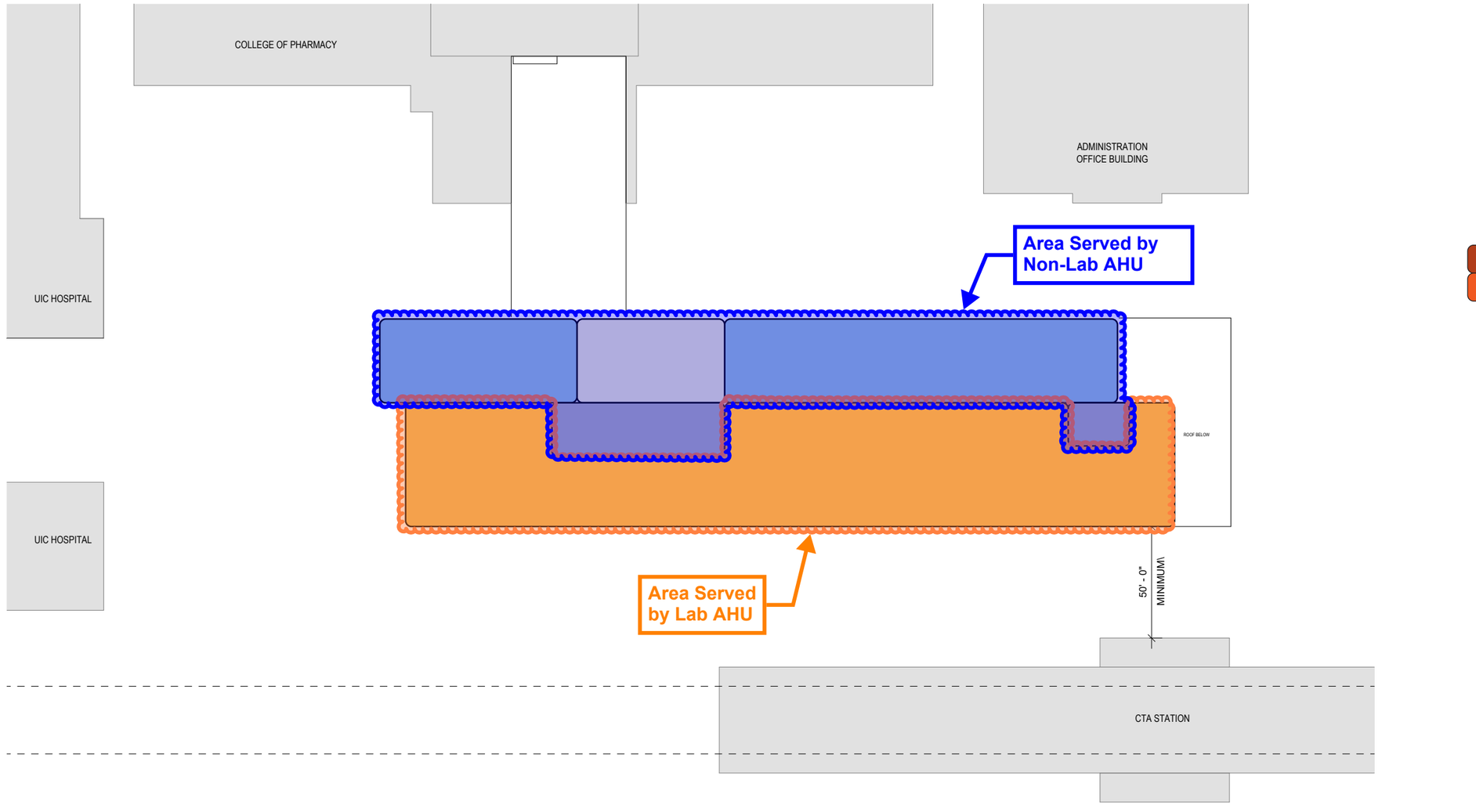
1 200 LEVEL AHU ZONING PLAN
A2-5



1 300 LEVEL AHU ZONING PLAN
A2-6



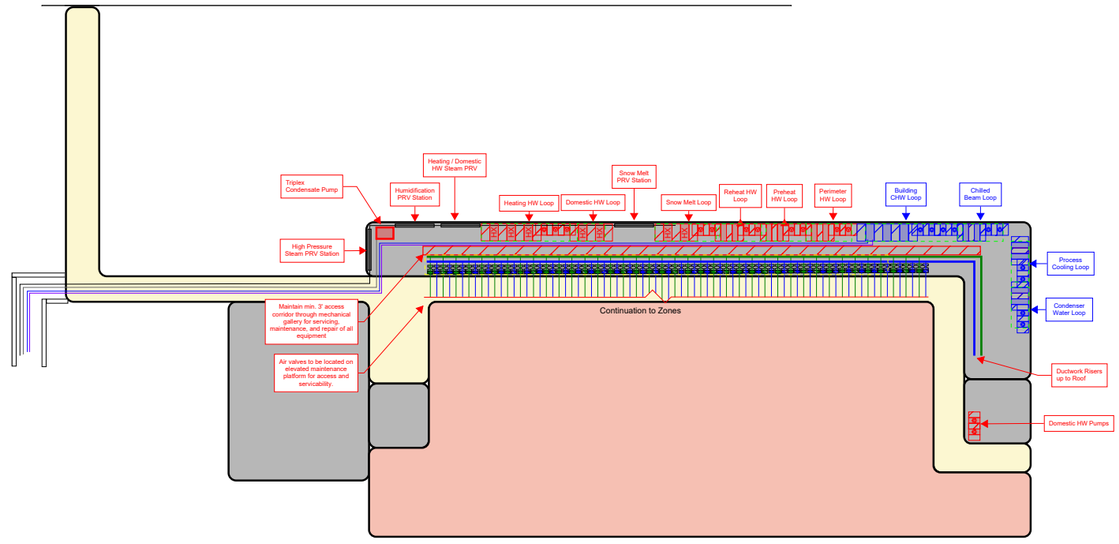
1 A2-8 400 LEVEL AHU ZONING PLAN



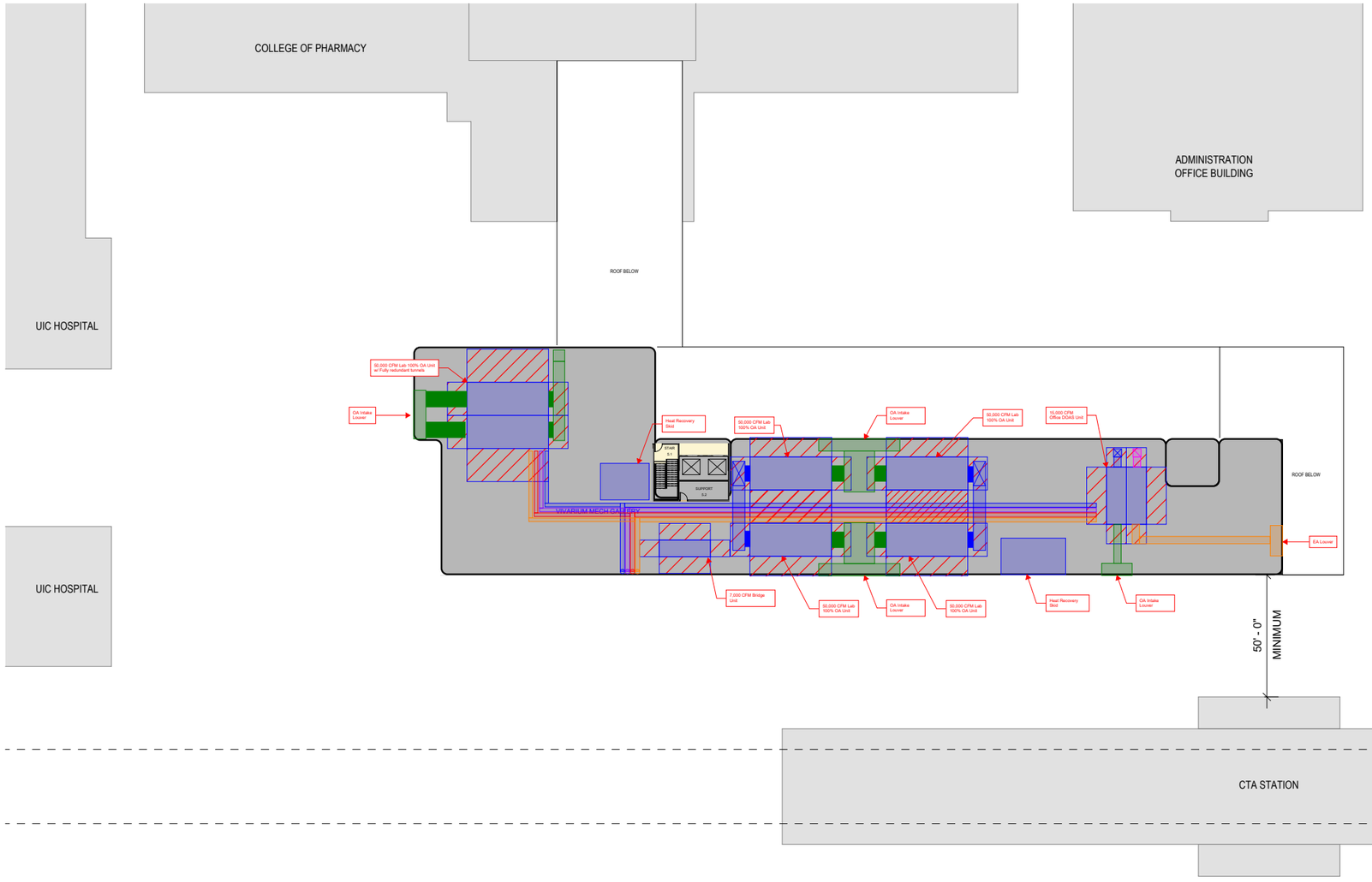
1 500 LEVEL AHU ZONING PLAN
A2-8

LEGEND

- circulation
- lab
- office
- exhibition
- meeting/break
- support
- vivarium



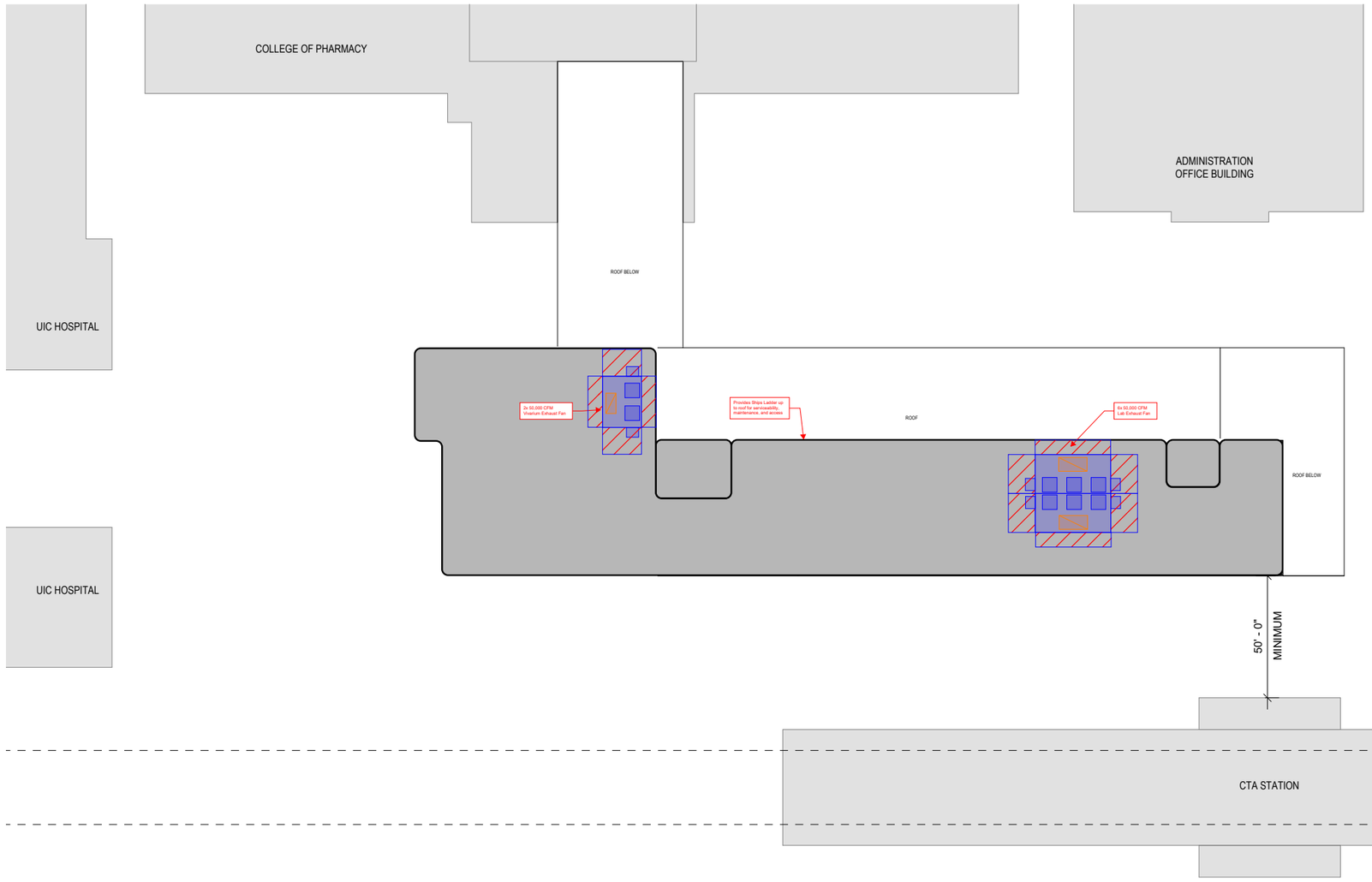
1 B1 LEVEL
A2-3



LEGEND

- circulation
- lab
- office
- exhibition
- meeting/break
- support
- vivarium

1 PENTHOUSE
A2-9



LEGEND

- circulation
- lab
- office
- exhibition
- meeting/break
- support
- vivarium

1 PENTHOUSE ROOF
A2-9

8.3 PIPING SYSTEMS

STORM AND CLEARWATER DRAINAGE

System Description

A storm drainage system will be provided to convey rainwater from flat roofs to site storm detention located prior to connection to the municipal sewer system. The building storm drain is anticipated to be 15” in diameter.

Secondary roof drainage (overflow) will be accomplished by using parapet scuppers or a dedicated piped overflow drainage system separate from the primary storm drainage system which will discharge through the building wall onto grade. Clearwater waste from air handling units, coolers, and other devices and equipment that discharge clearwater will be conveyed by gravity flow through a separate piping system and will connect to the building storm drain.

Primary and secondary roof drain bodies, horizontal storm and overflow drainage piping, and clearwater waste receiving chilled water are to be insulated.

Design Criteria

The primary storm drainage system will be sized based on a maximum rainfall rate of 3.5 in/hr. The secondary storm drainage system will be sized based on the same design criteria as the primary system.

The sizing for all clearwater discharge from equipment system will be based on the maximum flow rate of the equipment.

Equipment and Material

Storm and clearwater drainage systems which cannot discharge to the storm sewer by gravity flow will be drained by gravity to a sump with pump(s) and will be pumped into the building storm drainage system.

Sump pumps will be connected to the emergency (standby) power system to permit operation during a loss of normal power.

Distribution

Storm and Clearwater Waste Systems Materials		
System	**Below Ground**	**Above Ground**
Storm and Clearwater Waste and Vent	• Service-weight hub-and-spigot cast iron pipe with neoprene push-on compression gaskets	• Service-weight hub-and-spigot cast iron pipe with lead and oakum caulked joints • Type M copper tube with soldered joints and wrought copper, cast bronze drainage pattern fittings
Pressurized Storm and Clearwater Waste and Vent	• Copper water tube, Type K, soldered joints, and fittings • Galvanized steel, Sch. 40, threaded fittings.	• Copper water tube, Type K, soldered joints, and fittings • Galvanized steel, Sch. 40, threaded fittings.

SUB-SOIL DRAINAGE

System Description

Subsoil drainage is to be provided both below the lowest basement slab as well as around the perimeter of the foundation walls. The pipe size and distance between below slab draintile piping, as well as the effluent removal flow rate of the sump pumps.

Design Criteria

Design criteria for the subsoil drainage system will be defined by the Geotechnical Report. The report is to include pipe size, distance between below slab piping horizontals, and maximum possible effluent removal rate required.

Equipment and Material

Subsoil drainage systems which cannot discharge to the storm sewer by gravity flow will be drained by gravity to sump pump(s) and will be pumped into the building storm drainage system. Each sump pump will be sized for 100% of the estimated design flow.

Sump pumps will be connected to the emergency (standby) power system to permit operation during a loss of normal power.

Distribution

Subsoil drainage piping shall be:

- Schedule 40 Solid Core PVC, perforated piping with solvent cement socket joints

WASTE AND VENT SYSTEMS

System Description

A sanitary waste and vent system will be provided for all plumbing fixtures and other devices that produce sanitary waste. Plumbing fixtures will be drained by gravity through conventional soil, waste, and vent stacks, building drains and building sewers. Due to limitations in conveying sanitary waste by way of sloped piping and gravity, two 6” building sanitary drains are anticipated to exit the building along the east façade. Civil is to route the drains north for tie-in to the combined building sewer for connection to the municipal sewer system.

Waste from grease producing fixtures in kitchens will be drained by gravity flow in a separate drainage system which will pass through interior interceptor before connecting to the sanitary system.

Plumbing fixtures in laboratories and laboratory support spaces will be provided with a drainage system separate from the sanitary drainage system. The laboratory waste system will drain by gravity flow to a neutralization basin located in the mechanical room. The effluent from the neutralization basin will discharge into the sanitary building drain.

All fixtures will have traps and will be vented through the roof. Vent terminals will be located away from air intakes, exhausts, doors, operable windows, and parapet walls at distances required by the mechanical and plumbing codes.

Sanitary waste drainage systems which cannot discharge to the sanitary sewer by gravity flow will be drained by gravity to a sump with pumps and will be pumped into the building gravity sanitary sewer system.

Design Criteria

The waste and vent piping will be sized in accordance with code requirements and industry best practices and standards.

Equipment and Material

The grease interceptor will be fiberglass reinforced steel or polyethylene with two compartments, manhole extensions to grade and grease monitoring system. Grease venting from the interceptor may tie into the standard sanitary vent system.

Drainage systems containing oil, solvents, or flammable liquids will be run through appropriate oil interceptors before connecting to the sanitary sewer system. Oil waste venting is to be separate from all other sanitary vent systems and will terminate independently to the atmosphere.

Toxic, radioactive, or high concentration wastes will be segregated and disposed of through local “in-lab” safety containers, without dispensing into laboratory piped waste system.

The acid neutralization basin will be a polypropylene basin with sealed and gasketed cover. The discharge will have a pH monitor with alarm that will report locally and to building automation system. Acid waste venting is to be separate from all other sanitary vent systems and will terminate independently to the atmosphere.

All sanitary waste piping which collects clearwater condensate from air handing equipment will be insulated to prevent condensation on the piping.

Distribution

Waste Systems Materials		
System	**Below Ground**	**Above Ground**
Gravity Sanitary Waste and Vent, Gravity Grease Waste and Vent	• Service-weight hub-and-spigot cast iron pipe with neoprene push-on compression gaskets	• Service-weight hub-and-spigot cast iron pipe with lead and oakum caulked joints • Type M copper tube with soldered joints and wrought copper, cast bronze drainage pattern fittings
Pressurized Sanitary Waste	• Copper water tube, Type L, soldered joints, and fittings • Galvanized steel, Sch. 40, threaded fittings.	• Copper water tube, Type L, soldered joints, and fittings • Galvanized steel, Sch. 40, threaded fittings.
Laboratory Waste and Vent	• Schedule 80 flame-retardant polypropylene pipe (PP), ASTM D4101, with socket fusion joints • Schedule 40 polyvinylidene fluoride (PVDF), ASTM D3222 with socket fusion joints	• Schedule 80 flame-retardant polypropylene pipe (PP), ASTM D4101, with socket fusion joints • Schedule 80 flame-retardant polypropylene pipe (PP), ASTM D4101, with mechanical joint • Schedule 40 polyvinylidene fluoride (PVDF), ASTM D3222 with socket fusion joints
Laboratory Waste – High Temperature	• Schedule 40 polyvinylidene fluoride (PVDF), ASTM D3222 with socket fusion joints • 316L stainless steel pipe, ASTM A112.3.1, with hub and spigot joints	• Schedule 40 polyvinylidene fluoride (PVDF), ASTM D3222 with socket fusion joints • 316L stainless steel pipe, ASTM A112.3.1, with hub and spigot joints

Waste piping will be pitched according to code to maintain a minimum velocity of 2 fps when flowing half full.

Vents and the venting systems will be designed and installed so that the water seal of a trap will be subject to a maximum pneumatic pressure differential equal to 1" water column. This will be accomplished by sizing and locating the vents in accordance with the venting tables contained in the plumbing code.

ELEVATOR SUMP PUMPS

System Description

An elevator sump shall be required in the base of each elevator pit. Unless noted otherwise sump pit shall be formed into the elevator hoist-way base. Sump pump discharge indirectly to a sanitary waste.

Design Criteria

Sump pump will be sized in accordance with code requirements. Provide a pump sufficient to discharge 50 gpm per elevator hoist-way.

Equipment and Material

Sump pump shall be submersible type. Sump pumps will be connected to the emergency (standby) power system to permit operation during a loss of normal power.

Distribution

Piping shall be the same material and joint type as sanitary drainage system.

DOMESTIC, LABORATORY, AND NONPOTABLE WATER

System Description

A combined 8” municipal water service is to be provided on the north end of the building. The water supply is to be split upon entering the building into a 4” for domestic water and 6” for fire protection. Domestic water is to be provided with an approved redundant dual water meter assembly, and fire protection is to be provided with an approved detector-type backflow preventer assembly.

Domestic water will be provided to all toilet room fixtures, electric water coolers/drinking fountains, sinks, emergency shower/eyewash units, and any other devices that require a domestic water supply.

Isolation valves are to be provided throughout the facility to promote ease of maintenance of equipment and plumbing fixtures. Isolation valves are to be placed in a manner that isolates equipment, fixtures, or areas of the building so as to not impact function elsewhere as it pertains to domestic water.

Hot water at 130°F is to be provided to all fixtures and devices that require hot water. Public lavatories and showers are to be supplied with point of use mixing valves for scald prevention.

Emergency showers and eyewashes will be supplied with tepid water per the ANSI Z358.1 definition of tepid water.

All sinks and equipment (e.g. cart and rack washers) located in laboratories and lab support spaces that require water will be supplied from a dedicated water system that is isolated from the domestic water system. The laboratory water system will be isolated from the domestic water system by reduced pressure backflow preventers.

Non-potable water systems will be provided for make-up water to irrigation, mechanical (HVAC) systems such as heating hot water, chilled water, and cooling towers. A reduced pressure backflow preventer will protect the domestic water supply.

Design Criteria

The central steam fired water heating plant shall consist of duplex water heaters. Each water heater will be sized for 75% of the total building hot water load at an outlet temperature of 140°F. A master thermostatic mixing valve is to be provided at the water heating plant to reduce the water temperature to 130°F for building distribution.

Equipment and Material

A water meter will be provided on the building service entrance. The water meter will be sized for the building's maximum design flow rate.

A water pressure booster pump system will be provided. The booster pump system will be configured such the system is capable of 100% of the total design flow with the loss of the largest pump.

Domestic hot water for use at all fixtures will be produced by duplex steam-fired, semi-instantaneous water heaters. Tube bundles in water heaters will be double walled. All domestic water to be recirculated to the latest IECC 2024 requirements.

Remote fixtures will be provided with hot water by electric instantaneous water heaters.

Booster water heaters will be provided as part of equipment, dishwashers, laundries, etc., which have water temperature requirements above the normal distribution temperature stated above.

Water born legionella and infectious disease control in the domestic hot water system will be accomplished by heating water to 140°F at the source equipment and recirculating water when distribution temperatures reach 120°F.

The hot water system temperature will be maintained by recirculating the hot water through a continuous loop with an in-line circulating pump.

Water softeners will be installed ahead of the water heaters if required by the manufacturer of the water heaters due to municipal water quality.

Water hammer arrestors will be provided at all quick closing solenoid valves and at other potential water hammer sources, such as flush valves.

Tepid water to emergency fixtures will be provided by a point of use thermostatic mixing valve with cold water bypass device at each fixture.

Distribution

Water System Materials		
Size	**Below Ground**	**Above Ground**
2-1/2" and smaller: Copper	• Copper water tube, Type K, soldered joints and wrought copper fittings	• Type L copper tube with soldered joints and wrought copper or cast bronze fittings
Underground (3" and larger): Ductile Iron	• Ductile iron, Class 52, AWWA C151, cement mortar lined with restrained mechanical joints and ductile iron fittings	• Not applicable
Copper (3" and larger)	• Not applicable	• Type L copper tube with brazed joints and wrought copper, copper alloy fittings with rolled groove couplings

Piping larger than 2-1/2" and located in mechanical equipment rooms may be rolled groove mechanical joints.

The hot water system will be insulated in accordance with IECC 2024. The cold water system will be insulated to prevent condensation from forming. Isolation valves will be provided at all riser connections, branch piping run-outs to fixture groups, and at devices requiring maintenance.

The piping will be sized to limit the velocity in any section of the system to a maximum of 7 fps for cold water system and 4 fps for hot water and hot water circulating systems.

Plumbing Fixtures			
Fixture	**Type Ground**	**Operation**	**Flow Rate**
Water Closets	Wall hung or Floor mounted, vitreous china, with elongated bowls, high efficiency.	Flush valves will be diaphragm type, manual or sensor operated, hard wired	1.28 gallon flush
Urinals	Wall hung, vitreous china, high efficiency	Flush valves will be diaphragm type, manual or sensor operated, hard wired	0.125 gallon flush
Lavatories Public	Wall hung or Self-rimming, vitreous china, or Solid surface integral to countertop. Refer to architectural floor plans for areas with wall hung units and counter mounted units.	Faucets will be hot and cold mixing type, wrist blade handles or sensor operated, hard wired	0.35 gpm
Lavatories	Wall hung or Self-rimming, vitreous china, or Solid surface integral to countertop. Refer to architectural floor plans for areas with wall hung units and counter mounted units.	Faucets will be hot and cold mixing type, wrist blade handles or sensor operated, hard wired	0.35 gpm
Sinks	Countertop mounted stainless steel or Solid surface integral with countertop	Faucets will be hot and cold mixing type. Sinks in break rooms will be fitted with garbage disposals if required.	1.5 gpm flow Control
Laboratory Sinks, Cup Sinks	Integral with casework. Faucets will be furnished with the casework and installed by the Division 22 contractor	Manual controls.	n/a
Showers	Built-up ceramic tile walls and floors with floors drains or Pre-anufactured acrylic enclosures	Thermostatic shower valves. Barrier-free showers will also have with hand spray with hose and adjustable wall bar	2.0 gpm flow Control
Electric Water Coolers	Wall mounted, recessed	Manual push button	

Plumbing Fixtures			
Fixture	**Type Ground**	**Operation**	**Flow Rate**
(Drinking Fountains)	self-contained, dual level with bottle filler	operated, with stainless steel cabinets and disposable activated carbon water filters	
Janitor Sinks	Floor mounted, precast terrazzo, molded stone, or drop front, with stainless steel splash wall panels	Faucets will be hot and cold mixing type with hose connections and elevated vacuum breaker	unrestricted
Exterior Hose Bibbs	Flush or Recessed mounted freeze resistant with vacuum breaker and loose key operator	Manual	unrestricted
Mechanical Room Hose Bibbs	Surface mounted with in-line or elevated vacuum breakers	Manual	unrestricted
Emergency Eyewashes	Counter mounted, fixtures will comply with	Manual, Stay open valve. ANSI Z358.1	0.5 gpm minimum
Emergency Showers and Eyewashes	Unfinished spaces will be free standing	Manual, Stay open valve. ANSI Z358.1	20 gpm

Plumbing Fixtures			
Fixture	**Type Ground**	**Operation**	**Flow Rate**
	combination shower eyewash units with floor mounting flanges. Finished spaces will be emergency showers and eyewashes with recessed stainless steel wall boxes with pulldown eyewash and pulldown shower operator. The showerhead will be wall mounted. Exposed piping will be brushed stainless steel. The fixtures will comply with ANSI Z358.1. Fixtures in laboratory areas will be furnished by the casework contractor and installed by the Division 22 contractor.		

HIGH PURITY WATER

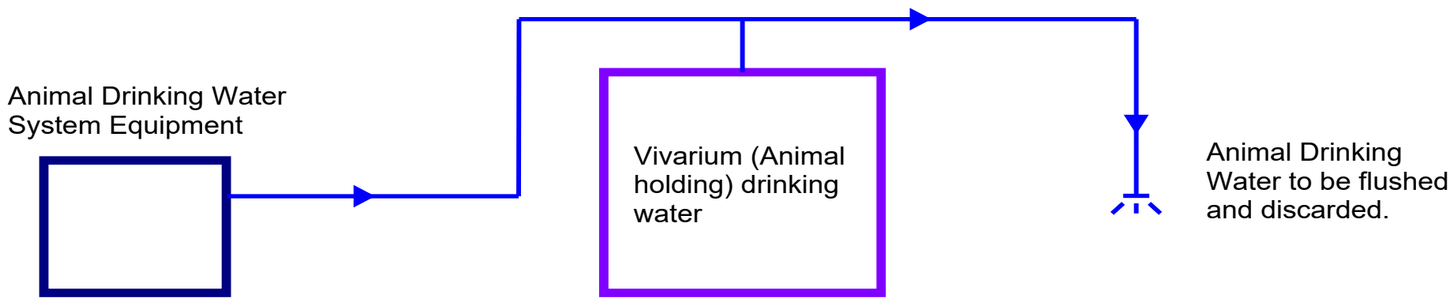
System Description

A system will be provided to produce and distribute water meeting the quality requirements of ASTM Type III and (for ASTM specs only) from the facilities potable water system. The laboratory water system is to be recirculated to maintain purity.

A second, separate and dedicated, pure water system for animal drinking water is to be provided and meet the quality requirements of ASTM Type III. The animal drinking water is to be a dumping system discarding the water rather than recirculating it back to the source equipment.

This page is intentionally left blank.

PURE WATER SYSTEMS



Water Quality				
Design Standard	**Conductivity**	**TOC**	**Bacteria**	**Endotoxin**
USP	<1.3 µS at 25°C	<500 ppb	<100 cfu/ml	No Specification
WFI	<1.3 µS at 25°C	<500 ppb	<10 cfu/ml	< 0.25 EU/ml

Water Quality				
Design Standard	**Resitivity**	**Silica**	**Particulate**	**Bacteria**
NCCLS/CAP Type I	>10 MΩ-cm @25°C	50 µg/L	0.22 mm Filter	<10 cfu/ml
NCCLS/CAP Type II	>1 MΩ-cm @25°C	100 µg/L	No Standard	<1000 cfu/ml
NCCLS/CAP Type III	>0.1 MΩ-cm @25°C	1000 µg/L	No Standard	No standard

Water Quality				
Design Standard	**Resitivity**	**Particulate**	**TOC**	**Bacteria**
CLSI Reagent Water	>10 MΩ-cm @25°C	<0.22 micron	<500 ppb	<10 cfu/ml

Water Quality								
Design Standard	**Resistivity**	**Silica**	**Sodium**	**pH**	**Chlorides**	**TOC**	**Bacteria**	**Endotoxin**
ASTM Type I	≥18.0 MΩ-cm @25°C	≤3µg/L	≤1µg/L	No Limit	≤1µg/L	≤10 µg/L	[1 cfu/100 ml] [10 cfu/100 ml] [1000 cfu/100 ml] [No Limit]	[<,0.03 EU/ml] [<0.25 EU/ML] [No Limit]
ASTM Type II	≥1 MΩ-cm @25°C	≤3µg/L	≤5µg/L	No Limit	≤5µg/L	≤50 µg/L		
ASTM Type III	≥4 MΩ-cm @25°C	≤500 µg/L	≤10µg/L	No Limit	≤10µg/L	≤200 µg/L		
ASTM Type IV	≥0.2 MΩ-cm @25°C	No Limit	≤50µg/L	5.0-8.0 @25°C	≤50µg/L	No Limit		

Water Quality						
Criteria	**ASTM Type E-1**	**ASTM Type E-1.1**	**ASTM Type E-1.2**	**ASTM Type E-2**	**ASTM Type E-3**	**ASTM Type E-4**
Resistivity	≥18.2 MΩ-cm @25°C	≥18.2 MΩ-cm @25°C	≥18.2 MΩ-cm @25°C	≥17.5 MΩ-cm @25°C	≥12 MΩ-cm @25°C	≥0.5 MΩ-cm @25°C
Endotoxin	0.03 EU/ml	0.03 EU/ml	0.03 EU/ml	0.25 EU/ml	No Limit	No Limit
TOC	<5 ppb	<2 ppb	<1 ppb	<50 ppb	<300 ppb	<1000 ppb
Dissolved Oxygen	<1 ppb	<1 ppb	<1 ppb	No Limit	No Limit	No Limit
Online Particles (0.05-0.1 micron)	500	500	100	No Limit	No Limit	No Limit
Online Particles (0.1-0.2 micron)	300	300	50	No Limit	No Limit	No Limit
Online Particles (0.2-0.3 micron)	50	50	20	No Limit	No Limit	No Limit
Online Particles (0.3-0.5 micron)	20	20	10	No Limit	No Limit	No Limit
Online Particles (>0.5 micron)	4	4	1	No Limit	No Limit	No Limit
Bacteria (1L Sample)	1 CFU/100 ml	1 CFU/100 ml	1 CFU/100 ml	10 CFU/100 ml	10 CFU/100 ml	100 CFU/100 Ml
Total Silica	3 ppb	0.5 ppb	0.5 ppb	10 ppb	50 ppb	1000 ppb

Water Quality						
Criteria	**ASTM Type E-1**	**ASTM Type E-1.1**	**ASTM Type E-1.2**	**ASTM Type E-2**	**ASTM Type E-3**	**ASTM Type E-4**
Dissolved Silica	1 ppb	0.1 ppb	0.05 ppb	No Limit	No Limit	No Limit
Chlorine, Nitrate, Phosphate	0.1 ppb	0.05 ppb	0.02 ppb	1 ppb	5 ppb	500 ppb
Bromide, Fluoride, Nitrite	0.1 ppb	0.05 ppb	0.02 ppb	No Limit	No Limit	No Limit
Ammonium	0.1 ppb	0.1 ppb	0.05 ppb	No Limit	No Limit	No Limit
Aluminum, Boron, Lead	0.05 ppb	0.02 ppb	0.005 ppb	No Limit	No Limit	No Limit
Barium, Calcium, Chromium, Iron, Lithium, Magnesium, Manganese	0.05 ppb	0.02 ppb	0.002 ppb	No Limit	No Limit	No Limit
Copper, Nickel	0.05 ppb	0.02 ppb	0.002 ppb	1 ppb	2 ppb	500 ppb
Potassium	0.05 ppb	0.02 ppb	0.005 ppb	2 ppb	5 ppb	500 ppb
Sodium	0.05 ppb	0.02 ppb	0.005 ppb	1 ppb	5 ppb	1000 ppb
Stronium	0.05 ppb	0.02 ppb	0.001 ppb	No Limit	No Limit	No Limit
Zinc	0.05 ppb	0.02 ppb	0.002 ppb	1 ppb	5 ppb	500 ppb

Laboratory pure water will be continuously circulated in closed loops to users throughout the facility.

Point-of-use polishing units will be provided where higher level of quality water.

The system will be automatically monitored and controlled by a dedicated PLC based control system that will send a discrete alarm signal to the Building Automation System in the event of deviations.

Design Criteria

The capacity of the production equipment and the storage tank will be based on the programmed use points and the following consumption estimates:

Use Point Type	Peak Flow Rate	Daily Usage
Laboratory Sink	1 gpm	15 gallons
Water Polisher	1 gpm	10 gallons
Glasswasher	2 gpm	20 gallons
Autoclave	1 gpm	25 gallons

The production equipment shall be sized to produce the total estimated consumption in 16 hours of operation.

The storage tank will be sized to provide storage for 24 hours of estimated usage.

The distribution system will be designed to maintain the temperature of the water under 80°F. The distribution system will be designed to continuously circulate water at a minimum velocity of 3 feet per second. The maximum demand for the distribution system shall be based on the previous peak flow rates with 50% diversity factor.

Equipment and Material

The production equipment is anticipated to consist of a prefilter, multimedia filter, carbon filter, water softener, RO unit, two-bed deionization exchange cylinders, mixed bed deionization exchange cylinders, a one micron post filter, a 185 nm ultraviolet light, and a 0.2 micron final filter.

The distribution system equipment will include centrifugal pump(s) to provide circulation and 254 nm UV lights followed by 0.2 micron filters to control bacterial growth.

Distribution

The distribution system will be comprised multiple branch loops through which water will be continuously circulated.

All tee connections shall be installed to minimize stagnant water dead legs. The distance from the sealing point on the branch to the inside of the main line wall shall be less than six branch line diameters.

Piping will be installed so that it is completely free draining. A minimum slope of 1/8 inch per foot will be maintained.

Sink use points shall be non-recirculating faucets.

The quality of the water in the distribution system will be monitored by the PLC that will send a discrete alarm signal to the Building Management System in the event of deviations.

NITROGEN-LABORATORY SYSTEM

System Description

A central nitrogen system with distribution will be provided to serve outlets as required by the Owner.

Design Criteria

The nitrogen system will be designed to provide 150 psig nitrogen at the most remote lab outlet and will not exceed 200 psig line pressure. The system will be sized based upon a load of 1 scfm per outlet and the total number of connected

outlets connected to the system. Any point loads for specific equipment will be added to the outlet load after any diversity factors are applied. The diversity factors indicated below will be used for determining the load for outlets:

Table 2			
Nitrogen System Diversity Factors			
Number of Outlets	Diversity Factor	Minimum Flow (scfm)	Empirical Formula for Flowrate (scfm)
1-5	1.00	0	No, of Outlets*1
6-12	0.8	5	5+(No. of Outlets-5)*5/7
13-33	0.6	10	10+(No. of Outlets-12)*10/21
34-80	0.5	20	20+(No. of Outlets-33)*20/47
81-150	0.4	40	40+(No. of Outlets-80)*20/70
151-315	0.35	60	60+(No. of Outlets-150)*50/165
316-565	0.3	110	110+(No. of Outlets-315)*60/250
566 and up	0.25	170	170+(No. of Outlets-565)*80/435

The nitrogen piping will be sized to limit the pressure drop across the system to 5 psi.

Equipment and Material

Nitrogen service will be provided by a dedicated central system consisting of a main, automatic switchover manifold regulator system, secure bottle racks for full, standby, and empty bottles. The switching manifold is to be tied to the BAS system to communicate main, reserve, and pressure statuses.

Distribution

Nitrogen piping will be ASTM B-280 Type L, oxygen cleaned, with brazed joints. Laboratory outlets will be quarter-turn or needle-valve type outlets.

SPECIAL GASES-LABORATORY SYSTEM

System Description

Special gases will be provided to all points of use as required by the Owner. Special gases shall include but not be limited to: helium, argon, carbon dioxide, oxygen, and hydrogen. Cylinders may be user provided and placed adjacent to equipment or points of uses.

Design Criteria

The special gas system will be designed to provide 150 psig gas pressure at the most remote lab outlet with line pressure not to exceed 200 psig. The system will be sized based upon a load of 1 scfm per outlet and the total number of connected outlets connected to the system. Any point loads for specific equipment will be added to the outlet load after any diversity factors are applied. The diversity factors indicated below will be used for determining the load for outlets:

Table 2			
Nitrogen System Diversity Factors			
Number of Outlets	Diversity Factor	Minimum Flow (scfm)	Empirical Formula for Flowrate (scfm)
1-5	1.00	0	No, of Outlets*1
6-12	0.8	5	5+(No. of Outlets-5)*5/7
13-33	0.6	10	10+(No. of Outlets-12)*10/21
34-80	0.5	20	20+(No. of Outlets-33)*20/47
81-150	0.4	40	40+(No. of Outlets-80)*20/70
151-315	0.35	60	60+(No. of

Table 2			
Nitrogen System Diversity Factors			
			Outlets-150)*50/165
316-565	0.3	110	110+(No. of Outlets-315)*60/250
566 and up	0.25	170	170+(No. of Outlets-565)*80/435

The special gases piping will be sized to limit the pressure drop across the system to 5 psi.

Equipment and Material

Special gases service will be supplied by a manifold system consisting of primary and reserve cylinders. The number of cylinders on each system will be based upon building use criteria but will not be less than two cylinders per bank. An automatic switching manifold with local visual and audible alarm as well as BAS communication is to be provided.

Toxic and flammable gas shall be used/stored in vented and monitored gas cabinets, either single or double units dependent on demand.

Distribution

Special gases piping will be:

- ASTM B-280 Type L, oxygen cleaned, tube with brazed joints. Laboratory outlets will be quarter-turn or needle-valve type outlets.
- Gases reactive to copper and copper alloys are to be identified and provided with the appropriate piping materials.

LABORATORY COMPRESSED AIR

System Description

Oil free instrument grade Compressed air will be provided to main riser of 100 psig and a dewpoint of 37°F. Compressed air will be provided as required by the Owner. Pressure reducing valves at laboratory points of connection above ceiling will provide 15 PSIG (LA) or other required pressures (CA) at laboratory services.

Design Criteria

Compressed air piping system will be sized based on 1 scfm per outlet plus any flow required for individual pieces of equipment. Diversity factors will be applied to laboratory outlets as indicated below:

Table 2			
Compressed Air System Diversity Factors			
Number of Outlets	**Diversity Factor**	**Minimum Flow (scfm)**	**Empirical Formula for Flowrate (scfm)**
1-5	1.00	0	No, of Outlets*1
6-12	0.8	5	5+(No. of Outlets-5)*5/7
13-33	0.6	10	10+(No. of Outlets-12)*10/21
34-80	0.5	20	20+(No. of Outlets-33)*20/47
81-150	0.4	40	40+(No. of Outlets-80)*20/70
151-315	0.35	60	60+(No. of Outlets-150)*50/165
316-565	0.3	110	110+(No. of Outlets-315)*60/250
566 and up	0.25	170	170+(No. of Outlets-565)*80/435

The compressors will be controlled by pressure switches in receiver set to operate between 100 and 115 psig. Each compressor will be sized for 75% of the maximum total demand. The compressors will be controlled on lead/lag/alternate basis.

Equipment and Material

Laboratory grade compressed air will be produced by oil-free scroll air compressors. Compressors will be base mounted, or tank mounted. Air will be treated with coalescing filters, charcoal filters and particulate filters and dried with desiccant air dryers. Compressed air will be stored in an ASME rated vertical receiver with outlet pressure regulator.

Distribution

Compressed air piping system will be ASTM B-280 Type L, oxygen cleaned copper piping with brazed joints.

LABORATORY VACUUM

System Description

Laboratory vacuum air will be provided to all laboratory areas as programmed. Vacuum will terminate at laboratory outlets or equipment connections as required.

Design Criteria

Laboratory vacuum piping system will be sized based on 0.5 scfm per outlet plus any flow required for individual pieces of equipment. Diversity factors will be applied to laboratory outlets as indicated below:

Table 2

Laboratory Vacuum System Diversity Factors

Number of Outlets	Diversity Factor	Minimum Flow (scfm)	Empirical Formula for Flowrate (scfm)
1-5	1.00	0	No. of Inlets*0.5
6-12	0.8	5	(5+(No. of Inlets-5)*5/7)*0.5
13-33	0.6	10	(10+(No. of Inlets-12)*10/21)*0.5
34-80	0.5	20	(20+(No. of Inlets-33)*20/47)*0.5
81-150	0.4	40	(40+(No. of Inlets-80)*20/70)*0.5
151-315	0.35	60	(60+(No. of Inlets-150)*50/165)*0.5
316-566			
566 and up	0.25	170	170+(No. of Outlets-565)*80/435

The piping system will be sized to limit pressure drop across the system to maximum of 3" of mercury vacuum.

The pumps will be controlled by pressure switched in receiver set to operate between 19" and 23" of mercury vacuum. Each pump will be sized for 75% of the maximum total demand. The pumps will be controlled on lead/lag/alternate basis.

Equipment and Material

Laboratory vacuum will be produced by duplex liquid ring vacuum pumps. Pumps will be base mounted, or tank mounted. Vacuum will pass through a liquid separator and an ASME rated vertical receiver prior to passing through the pumps.

Laboratory vacuum pumps to discharge into laboratory exhaust system. Oil ring vacuum pumps to be provided with oil collector at the lowest end of vertical pipe. When discharge from multiple pumps is manifolded, a check valve should be provided on each individual discharge.

Distribution

Laboratory vacuum piping will be:

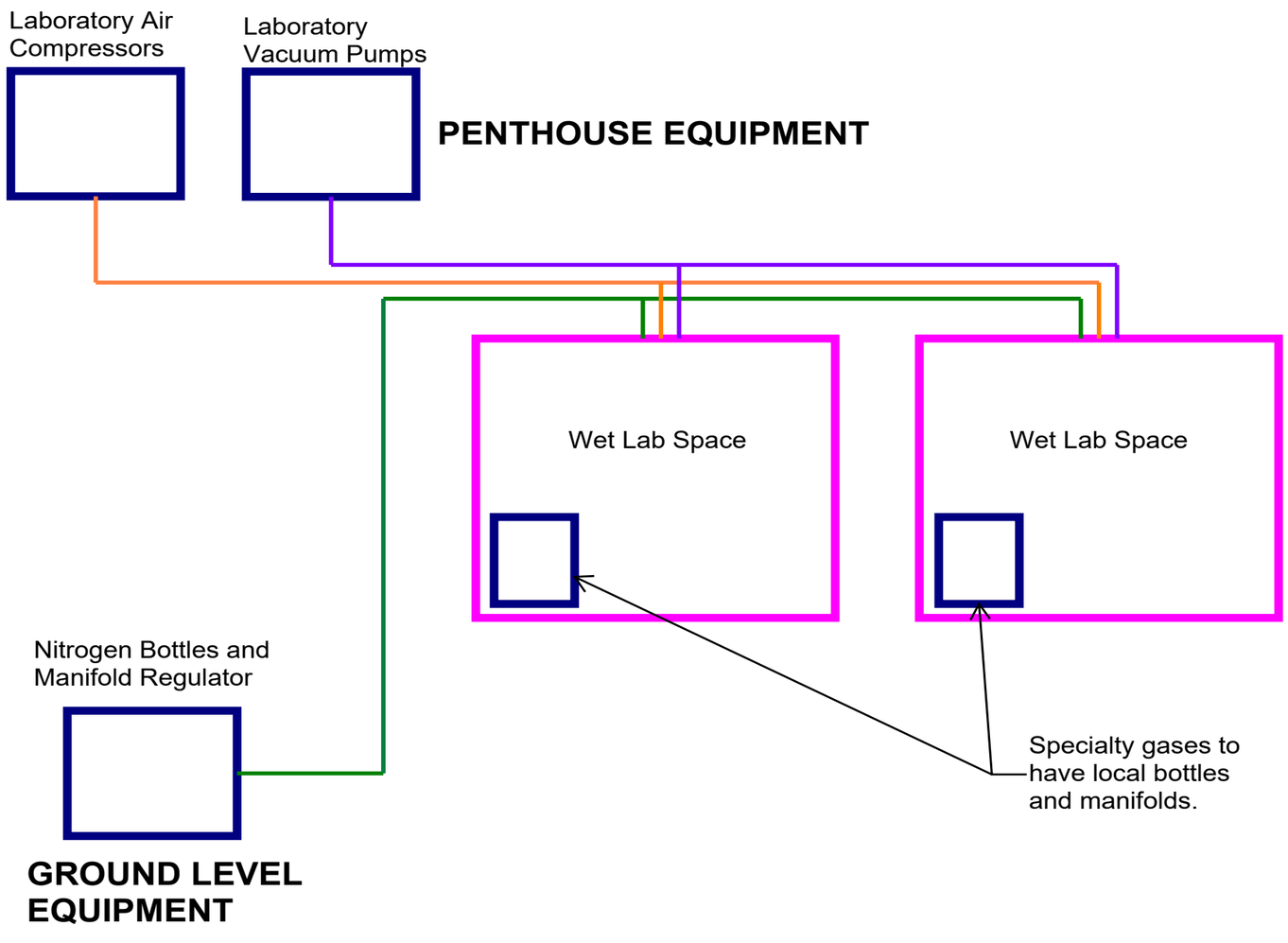
- Type L copper, ASTM B88 with soldered joints

LOAD CENTER 7 DEMOLITION SCOPE

Remove and install new ductwork, piping, sprinklers, and electrical raceway/equipment that infringes on the code required clearances within Load Center 7. There is existing plumbing over the load center that shall be removed and rerouted. No existing or new piping shall be allowed above the load center.

This page is intentionally left blank.

LAB GAS/VAC SYSTEMS



8.4 FIRE PROTECTION SYSTEMS

FIRE SERVICE

System Description

An underground fire line will supply the fire pump, standpipe, and sprinkler systems that will serve the UIC – Drug Discovery and Cancer Research Pavilion building.

Design Criteria

The design of the underground fire lines shall comply with NFPA 24.

Current water supply flow test data will be obtained from the City Water Department in order to determine the capacity of the water mains.

Equipment and Material

Piping for all underground lines will be cement lined ductile iron.

FIRE PUMP

System Description

The building standpipe and sprinkler system will be served by a UL Listed centrifugal fire pump to meet minimum fire protection water pressure demands. The fire pump will be installed in a dedicated fire pump room with direct exterior access or with rated fire department ingress as required by NFPA 20.

Design Criteria

The fire pump will be sized in accordance with NFPA 13, NFPA 14, and NFPA 20. Current water supply flow test data will be obtained from the City Water Department in order to determine the required pressure rating of the fire pump during design. The fire protection contractor is to obtain new fire hydrant flow data prior to designing the fire protection system.

Equipment and Material

The fire pump will be a vertical in-line type. The jockey pump will be a centrifugal type pump and is intended to be utilized for pressure maintenance in the fire protection piping system.

The fire pump controller will include all features required in NFPA 20 with a full digital soft-start soft-stop type controller.

Distribution

The fire pump installation will include a fire pump test header, fire department connection(s), and fire pump bypass line. Piping and valves will be configured in accordance with NFPA 20.

Fire Pump Test Header (FPTH) – A fire pump test header will be provided for the fire pump. The test header will consist of one outlet per 250 gpm of fire pump capacity, and is assumed to be a two-outlet connection (500 gpm fire pump)

An automatic ball drip valve will be installed between the control valve for the test header and the header itself to allow any water to drain out of the piping.

The FPTH location will be coordinated with the local Fire Department, Project Architect, and Civil Engineer to ensure that adequate drainage is provided in the area to prevent any water damage from occurring. The FPTH will be installed on the exterior wall of the building.

Fire Department Connection (FDC) - The FDC will consist of four (2) 2-1/2"inlets with drop clappers, snoots, caps and chains. A check valve will prevent flow from the fire protection system to the FDC. An automatic ball drip valve will be installed between the check valve and the FDC to allow any minor leakage past the check valve to drain out of the system. The FDC location will be coordinated with the local Fire Department and Project Architect. Typically, the design will require a fire hydrant within 100 feet of the FDC. The FDC's will be installed on the exterior wall of the building at 200' intervals unless otherwise approved by the Bureau of Fire Prevention.

STANDPIPE SYSTEM

System Description

The building will be protected by a hydraulically designed, manual wet Class I Standpipe System without hoses or hose cabinets.

Design Criteria

The design of the standpipe system will comply with NFPA 14.

The manual wet standpipe is supplied with water and pressure by the exterior hydrant connection to the FDC when the Fire Department is present only.

Equipment and Material

The standpipe system piping will be black steel. Piping will either be Schedule 10 with welded fittings or roll groove couplings or Schedule 40 with welded fittings or roll groove couplings.

Distribution

Standpipe risers within a standpipe system shall be interconnected.

A 2-1/2" fire department valve will be provided on the stair's floor landings.

Additional fire department valves will be provided on the roof and at other locations as required by Code or the local authority.

All roof exterior fire department valves will be protected from freezing with shutoff valves located inside the thermal envelope of the building.

WET PIPE SPRINKLER SYSTEM

System Description

The building will be protected throughout with hydraulically calculated sprinkler systems, which except for special protection needs, will be wet pipe systems. All areas of the building will be protected per NFPA 13, including electrical rooms (i.e. switchgear rooms, transformer rooms, generator rooms, electrical closets, and similar rooms), loading docks, stair towers, exterior canopies, and mechanical rooms.

Design Criteria

The sprinkler system for the building will be designed and installed in accordance with NFPA 13.

All systems will be hydraulically calculated with a computer calculation program by the installing contractor.

If there are no special Client standards or Client insurance carrier recommendations, the following sprinkler design densities shall apply:

Sprinkler Design Densities			
Hazard-Areas Designated as	**Density-Minimum Sprinkler Flow**	**Remote Area**	**Hose Stream Allowance**
Light Hazard	0.12 gpm per sq ft	1500 sq ft	100 gpm
Ordinary Hazard Group 1	0.15 gpm per sq ft	1500 sq ft	250 gpm
Ordinary Hazard Group 2, where stockpiles of combustibles do not exceed 12 ft.	0.20 gpm per sq ft	2000 sq ft	250 gpm

The pipe sizing for the systems will be as required to satisfy the hydraulic demand.

Equipment and Material

Piping 2" and smaller in size will be Schedule 40 black steel with threaded joints.

Piping larger than 2" will be Schedule 10 black steel with roll grooved couplings or Schedule 40 black steel with welded fittings, threaded joints, or roll groove couplings.

All sprinklers in Light Hazard areas will be quick-response type.

The type of sprinkler installed in a particular area will be selected by the Engineer and the Project Architect. Generally, concealed sprinklers will be installed in areas of high visibility and quality of finishes. Recessed sprinklers will be installed in other areas having suspended ceilings. Pendent or upright sprinklers will be installed in areas without ceilings. Sidewall sprinklers will be provided only when other types cannot be utilized.

Areas subject to temperatures below 40°F will be protected by dry sprinklers when possible. If dry sprinklers cannot be provided, then a dry pipe sprinkler system will be installed. Glycol antifreeze system will not be an option to dry sprinklers or dry pipe system.

Distribution

The sprinkler system will be provided throughout the building in accordance with NFPA 13 and, when required by the Owner, with insurance carrier recommendations.

DRY PIPE SPRINKLER SYSTEM

System Description

Areas of the building subject to temperatures below 40°F will be protected by a dry pipe sprinkler system.

Design Criteria

The dry pipe sprinkler system will be designed and installed in accordance with NFPA 13.

All systems will be hydraulically calculated with a computer calculation program by the installing contractor.

If there are no special client standards or client insurance carrier recommendations, the following sprinkler design densities shall apply:

Sprinkler Design Densities			
Hazard-Areas Designated as	**Density-Minimum Sprinkler Flow**	**Remote Area**	**Hose Stream Allowance**
Light Hazard	0.12 gpm per sq ft	1950 sq ft	100 gpm
Ordinary Hazard Group 1	0.15 gpm per sq ft	1950 sq ft	250 gpm
Ordinary Hazard Group 2, where stockpiles of combustibles do not exceed 12 ft.	0.20 gpm per sq ft	2600 sq ft	250 gpm

The system demand will be based upon the most remote 1950 sq ft for ceilings that are pitched less than or equal to a 2 in 12 slope. Ceilings exceeding this pitch will require that the 1950 sq ft remote area size is increased by 30%.

The pipe sizing for the systems will be as required to satisfy the hydraulic demand.

Equipment and Material

Piping 2" and smaller will be Schedule 40 galvanized steel with threaded joints.

Piping larger than 2" will be Schedule 10 galvanized steel with welded fittings or roll groove couplings or Schedule 40 galvanized with welded fittings, threaded joints, or roll groove couplings.

All sprinklers in Light Hazard areas will be quick-response type.

Depending upon the actual installation method, sprinklers on dry pipe systems will be either: upright type; dry pendent type; or pendent and sidewall type sprinklers installed on return bends, where the sprinklers, return bend, and branch line piping are in an area maintained at or above 40°F.

A UL Listed dry pipe valve with trim will be provided.

Distribution

The sprinkler system will be provided throughout the building in accordance with NFPA 13 and, when required by the Owner, with insurance carrier recommendations.

PREACTION SPRINKLER SYSTEM

System Description

A preaction sprinkler system will be installed to protect the Data Center areas of the building.

Design Criteria

The preaction sprinkler system will be designed and installed in accordance with NFPA 13. The preaction system will be a double interlock system.

The preaction system valve will be actuated by a signal from the fire alarm system. The devices to be provided for actuation are photoelectric smoke detectors and ionization smoke detectors.

All systems will be hydraulically calculated with a computer calculation program by the installing contractor.

If there are no special Client standards or Client insurance carrier recommendations, the following sprinkler design densities shall apply:

Sprinkler Design Densities			
Hazard-Areas Designated as	**Density-Minimum Sprinkler Flow**	**Remote Area**	**Hose Stream Allowance**
Light Hazard	0.12 gpm per sq ft	1950 sq ft	100 gpm
Ordinary Hazard Group 1	0.15 gpm per sq ft	1950 sq ft	250 gpm
Ordinary Hazard Group 2, where stockpiles of combustibles do not exceed 12 ft.	0.20 gpm per sq ft	2600 sq ft	250 gpm

The system demand will be based upon the most remote 1950 sq ft for ceilings that are pitched less than or equal to a 1 in 6 slope. Ceilings exceeding this pitch will require that the 1950 sq ft remote area size is increased by 30%.

The pipe sizing for the systems will be as required to satisfy the hydraulic demand.

Equipment and Material

Piping 2" and smaller will be Schedule 40 galvanized steel with threaded joints.

Piping larger than 2" will be Schedule 10 galvanized steel with welded fittings or roll groove couplings or Schedule 40 galvanized steel with welded fittings, threaded joints, or roll groove couplings.

A UL listed preaction valve with trim will be provided.

All sprinklers in Light Hazard areas will be quick-response type.

Depending upon the actual installation method, sprinklers on dry pipe preaction systems will be either: upright type; dry pendent type; or pendent and sidewall type sprinklers installed on return bends, where the sprinklers, return bend, and branch line piping are in an area maintained at or above 40°F.

Distribution

The sprinkler system will be provided throughout the protected area in accordance with NFPA 13 and, when required by the Owner, with insurance carrier recommendations.

CLEAN AGENT FIRE EXTINGUISHING SYSTEM

System Description

The halocarbon clean agent fire extinguishing system will be the primary fire protection system in areas approved by owner such as Laboratories.

The preaction sprinkler system will be the backup (i.e. secondary) fire protection system for the same areas such as laboratories.

Design Criteria

Clean agent fire extinguishing system will comply with NFPA 2001 as referenced by the project's building code and with the manufacturer's installation instructions.

System will be designed to discharge automatically with an approved fire detection system and shall also incorporate manual discharge.

An approved enclosure integrity (i.e. door fan) test shall be part of the design.

Minimum design concentration as suggested by the manufacturer shall be provided for the protected space. The site's altitude and the room's ambient temperature shall be factors in determining the design concentration required.

Design concentration shall be measured at 3 locations:

1. Inside subfloor at an elevation that is half the distance above the structural floor and raised floor.

2. Inside the protected room at an elevation 3 feet above the raised floor.

3. Inside the protected room at an elevation 1 foot above the tallest data center equipment.

Sequence of Operation:

1. Alert (Level 1) — Activate a visual and audible supervisory signal at the VESDA detector and releasing panel.

2. Action (Level 2) — Activate a visual and audible supervisory signal at the VESDA detector and releasing panel.

3. Fire 1 (Level 3) — Activate a visual and audible fire alarm signal.

4. Fire 2 (Level 4) — Activate a visual and audible fire alarm signal. Electrical power to the room will be designed to automatically deactivate power to room's equipment and air-conditioning units. Dampers close. Start countdown timer to discharge clean agent extinguishing system. Discharge clean agent system after completion of countdown and release preaction system's deluge valve. Note: Lighting in data center shall remain energized.

A wire burn test shall be a part of the air-aspirating smoke detection acceptance testing.

Equipment and Material

System will include discharge nozzles, Schedule 40 pipe and fittings, hangers, supports, storage containers, liquid level indicator, releasing panel with spare dry contacts, manual release switch, abort button, countdown timer, warning/caution signs, air-aspirating smoke detection system such as a VESDA system. Clean agent storage tanks and their releasing panel(s) will be provided in a protected space(s). Releasing panels will be monitored by the building's main fire alarm control panel.

AspireSDS software will be utilized by the fire protection contractor to design the VESDA system.

A reserve set of filled storage containers will not be required for this project.

Pressure venting will be part of the project when recommended by the manufacturer.

Distribution

Total Flooding throughout the protected space, including the raised floor space.

LOAD CENTER 7 DEMOLITION SCOPE

Remove and install new ductwork, piping, sprinklers, and electrical raceway/equipment that infringes on the code required clearances within Load Center 7. There is existing plumbing over the load center that shall be removed and rerouted. No existing or new piping shall be allowed above the load center.

This page is intentionally left blank.

8.5 ELECTRICAL & FIRE ALARM SYSTEMS

APPLICABLE CODES AND STANDARDS

1. International Building Code (IBC) – 2024 Edition (excluding Chapter 11; compliance with Illinois Accessibility Code (IAC) – 2018 Edition.
2. International Existing Building Code (IEBC) – 2024
3. International Fire Code (IFC) – 2024 Edition
4. Illinois Stretch Energy Code – latest adopted by Authority Having Jurisdiction (AHJ)
5. National Electrical Code NFPA 70 – NEC 2026
6. NFPA 72: National Fire Alarm and Signaling Code – Current Edition
7. Illinois Elevator Safety and Regulation Act- ASME A17.1 2019
8. Illinois Environmental Barriers Act (IEBA) 2017 Edition
9. Illinois Accessibility Code 2018 – IAC
10. Green Building Act (20 ILCS 3130/1)
11. Office of the State Fire Marshal Administrative Rules
12. City of Chicago Building code sections – Connections to City of Chicago utilities
13. UIC Building Standards

ELECTRICAL SYSTEMS - OVERVIEW

Electrical systems for the University of Illinois (UIC) Drug Discovery and Cancer Research Pavilion include a normal branch, a critical research branch, and an emergency life-safety branch. UIC Office of Capital Planning Building Standards will be followed to augment electrical system design requirements.

Notable features include:

a. Two separate 12.47kV primary utility feeders will feed to a new electrical substation vault within the basement level of the new building. Two 3750kVA pad (or utility vault) mount transformers will step voltage down to 480/277V and feed each end of a 4000-amp main-tie-main switchboard (MTM) with automatic transfer operation in the event of a power failure. The main–tie–main configuration shall include an Automatic Throw-Over (ATO) PLC with capabilities for closed-transition source-to-source testing. Surge protection shall be provided at the main switchboard. (see surge protection section below).

b. Emergency power system to be NFPA Level 1, Type 10, Class 24 Level 1 per NFPA 110 and sized at 2000 kW, natural gas emergency standby generator. Generator system will also provide power to all Article 700 life safety, Article 701 legally required and Article 702 optional standby systems for a 24-hour duration. Generator shall be sized at 125% of calculated peak emergency load with minimum 20% future capacity. Provisions will be included for load bank hook up at temporary generator docking station. (See load calculation section sizing criteria for generator system load calculation).

c. The generator system will be required due to the size. Provide a natural gas booster pump system complete with a UL Listed high-capacity hermetic gas booster and an associated 20 kW UPS system for uninterrupted power supply. The gas booster pump system shall boost pressure levels by as much as 83 inches WC, with volumes up to 240,000 ICFH. Gas booster pump system to be equipped with a pre-engineered PLC control panel with monitor, heat exchanger, recirculation loop and automatic valves.

d. The generator set will be mounted on a reinforced, concrete-filled, inertia base mounted on spring isolators. It will be located within a dedicated generator room on first floor or in the basement.

e. Redundant loads be distributed between the 2 switchboards. Design will allow facility to operate in at least nominal fashion on one switchboard for maintenance and in event of failure of any one piece of main distribution gear. Where critical equipment is only provided in "N" quantities, manual transfer switches shall be considered for switching power source between switchboards.

f. A 300kVA UPS system rated at 277/480V, 3-phase, 4-wire with internal maintenance bypass for a minimum of 30 minutes of run-time at full load. UPS system to feed a distribution panel which will then feed multiple panels serving critical loads associated with Information Technology equipment rooms and critical lab research equipment. This UPS system will be fed from the emergency/standby generator.

UTILITY & COMMUNICATION SYSTEMS:

Relocation of all existing campus underground electrical utilities including parking lot lighting branch circuit utilities currently routed through the future proposed DDCRP building footprint will be required.

BASE ELECTRICAL DESIGN CRITERIA

Design Voltages

Type	Voltage
Building Service	12.47kV, 3 phase stepped down to 480Y/277V, 3 phase, 4 wire + ground
Motors; ½ HP and larger	480V, 3 phase, 3 wire
Motors; less than ½ HP	120 or 208 Volts, 1 phase, 2 wire + ground
Lighting (≥7' A.F.F)	277 Volts, 1 phase, 2 wire + ground
Lighting (≤7' A.F.F)	120 Volts, 1 phase, 2 wire + ground
Specific Equipment	480 Volts, 3 phase, 3 wire + ground
Lab Support and Specialty Equipment	208Y/120V, 3 phase, 4 wire
General Use / Convenience Receptacles	120V, 1 phase, 2 wire + ground

SYSTEM CAPACITY AND CALCULATED DEMAND LOAD SUMMARY

Peak Connected Service Load Density (VA/sq ft), Peak Connected Emergency/Standby Load Density (VA/sq ft), and the diversity factors, the following are the summary of the results:

Total Electrical Peak Connected Service Load (Lighting, Receptacles, and Specific Lab & Support Spaces)

- 1455kVA/1310 kW with diversity (0.9 power factor)

Total Electrical Peak Connected Mechanical Service Load

- 1784kVA/1606 kW

Peak Connected Electrical Emergency/Standby Service Load

(Lighting, Receptacles, and Specific Lab & Support Spaces)

- 462kVA/416 kW with diversity (0.9 power factor)

Peak Connected Mechanical Emergency/Standby Service Load

- 564kVA/508 kW

Peak Connected Service Load Density (VA/sq ft)

Electrical		Mechanical	
Office Receptacle:	4	Ventilation (V):	2.2
Lighting:	1	Refrigeration Systems (Process and Comfort):	4.75
Lab:	12	Heating Systems (H): N/A at Peak Load	
Lab Support:	30	Piping Systems (P):	0.2
Kitchen:	50	Miscellaneous Equipment (M):	3
Linear Equipment Room:	8	Fire Protection Systems (FP):	0.7
General Receptacle:	2	Elevators (EL):	1.8
Conference Rooms:	2		**12.65** total (VA/sq-ft
Corridor:	1		
Public Space:	4		
Building Support:	2		

Summary-w/ diversity (page 182 of SD doc)			
Electrical	**1,573**	**amps**	
Mechanical	**1,934**	**amps**	
total	**3,507**	**amps**	
	4,383	***1.25**	**amps**

Peak Connected Emergency Standby (VA/sq ft)

Electrical		Mechanical	
Lighting:	0.15	Ventilation (V):	1.3
Lab:	4	Heating Systems (H): N/A at Peak Load	0
Lab Support:	30	Piping Systems (P):	0.2
Linear Equipment Room:	8	Miscellaneous Equipment (M):	1
		Fire Protection Systems (FP):	0.7
		Elevators (EL):	0.8
			4 total (VA/sq-ft

Summary-w/ diversity (page 182 of SD doc)			
Electrical	**478**	**amps**	
Mechanical	**611**	**amps**	
total	**1,090**	**amps**	
	1,362	***1.25**	**amps**

EXHIBIT E01

BRANCH CIRCUIT SIZING CRITERIA

Type	Load
Lighting	Actual Installed VA
Receptacles	180 VA per outlet (duplex or single)
Multiple Outlet Assemblies	180 VA per 2’
Special Outlets	Actual Installed VA of Equipment Served
Motors	125% of Motor VA
Special Equipment	Actual Installed VA

DIVERSITY FACTOR

Diversity factors will be used in establishing power service, feeder, and equipment capacities. The diversity factor represents the ratio of the sum of the individual non-coincident maximum demands of various subdivisions of the system to the maximum demand of the complete system and will be established using historical data from similar buildings in conjunction with industry standards.

LONG CONTINUOUS LOAD/DEMAND FACTORS CRITERIA

Type	LCL Factor
Lighting (Continuous Loads)	125% of installed VA
General Receptacles	100% of first 10 kVA installed plus 50% of remainder
Motors	125% of VA of largest motor plus 100% of VA of all other motors
Fixed Equipment	100% of total installed VA

LOAD CALCULATION CRITERIA

Functional Area Load Density Criteria – Peak Connected

Functional Area	Service Load Density (VA/sq ft)	EM-SB Load Density (VA/sq ft)
Office Receptacle	4.0	0.0
Lab	12.0	4.0
Lab Support	30.0	30.0
Kitchen	50.0	0.0
Linear Equipment Room	8.0	8.0
Conference Rooms	2.0	0.0
Corridor	1.0	0.0
Public Space	4.0	0.0
Building Support	2.0	0.0

Notes:

1. VA/sf values is based on historical data from projects with similar program elements.
2. EM-SB = Emergency -Standby

Mechanical Equipment Load Density Criteria - Peak Connected

Mechanical System	Service Load Density (VA/sq ft)	EM-SB Load Density (VA/sq ft)
Ventilation (V)	2.2	1.3
Refrigeration Systems (Process and Comfort) (R)	4.75	N/A
Heating Systems (H)	N/A at Peak Load	N/A at Peak Load
Piping Systems (P)	0.2	0.2
Miscellaneous Equipment (M)	3	1
Fire Protection Systems (FP)	0.7	0.7
Elevators (EL)	1.8	0.8

Notes:

1. VA/sf values have been calculated using the equipment data list established for use on this project.
2. EM-SB = Emergency - Standby

LOAD TABLES

System Capacity and Calculated Demand Load

Building Load Summary		
	Normal Power	Standby [Essential] Power
kVA	3256	1330kVA Running, 1750 kW Genset
VA/SF	17.6	7.0
W/SF	16.4	6.5

Notes:

1. Refer to service load calculations located in the Load Calculation Criteria above.
2. Includes 25% spare capacity for normal power.
3. Loads are based on historical data per National Institutes of Health (NIH) Design Requirements Manual and will be refined as mechanical and building equipment sizes and quantities are better defined.
4. Critical MEP, process chilled water, life safety, legally required and critical lab systems are on generator. Power factor is anticipated to be approximately 95% and is derived from historical data on recent projects with similar program elements.

ELECTRICAL SYSTEMS DESCRIPTION

Primary Electrical Distribution for new DDCRP

The Primary service to new DDCRP building will be fed via new parallel feeds in new parallel underground duct banks as described below with (2) 12.47kV, 3-phase medium voltage lines. These will enter the building to supply two new 3750kVA transformers in the new double-ended main-tie-main unit substation in the new DDCRP building basement for the new DDCRP building.

Disconnect, remove and relocate all existing ductwork, piping, sprinklers, and electrical raceway/equipment that infringes on the code required clearances within existing Load Center 7. There is existing plumbing piping directly over the Load Center 7 that shall be removed and rerouted. No existing or new piping shall be allowed above the load center.

Any outage of the campus building as part of the DDCRP shall be the contractor's responsibility to provide materials, labor, and rental equipment to ensure uninterrupted power. Provide temporary portable generator systems with sufficient fuel capacity for a continuous running time for each electrical service to be transferred due to shut-down and changeover periods. Provisions will be made for the changeover of these systems and are expected to be between four to five days. Coordinate all outages and changeovers with UIC Facilities.

Electrical Systems- Primary Distribution:

System Description

Existing Load Center #7 is a 600 amp, main-tie-main load center in the basement of the Pharmacy Building room B14B. This is a main-tie-main load center and contains two cubicle spaces (one in each electrically separated section). These spaces will be configured with two (2) refurbished 600 amp motorized medium voltage draw-out breakers. The adjacent room will be configured to provide one new switchgear section with two future breaker space cubicles.

The new Drug Discovery and Cancer Research Pavilion (DDCRP) building will be fed via a new parallel underground duct bank with (2) 12.47kV, 3-phase medium voltage lines system from these two (2) refurbished 600 amp.

Review of the existing peak load data for Load Center 7 (1307.8 kW for LC7 Main 1 and 521.5 kW for LC7 Main 2 maximum recorded peak demand load which has a total load of 60.6 amps and 24.2 amps respectively) confirms that this load center can accommodate the additional load for the new DDCRP building.

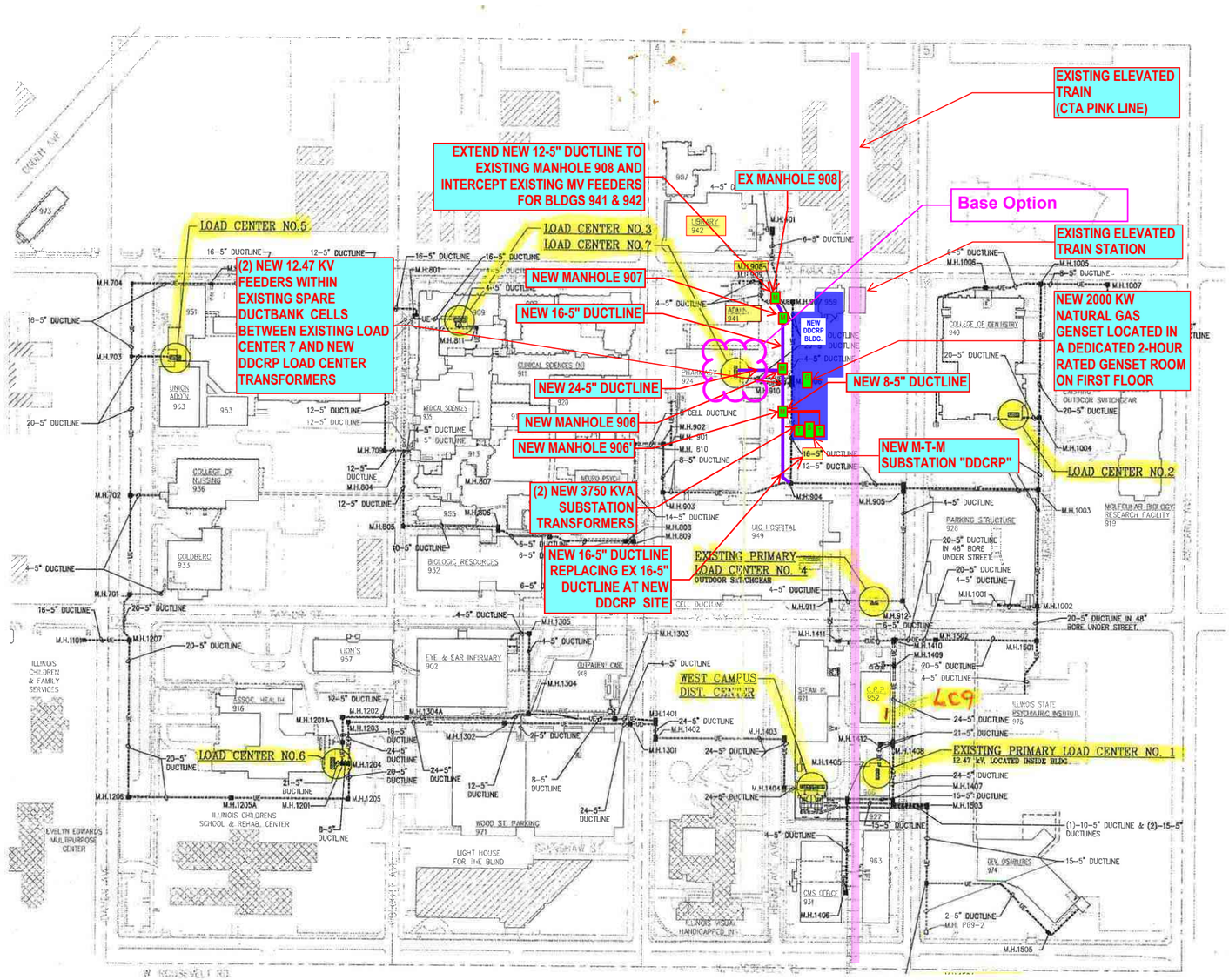
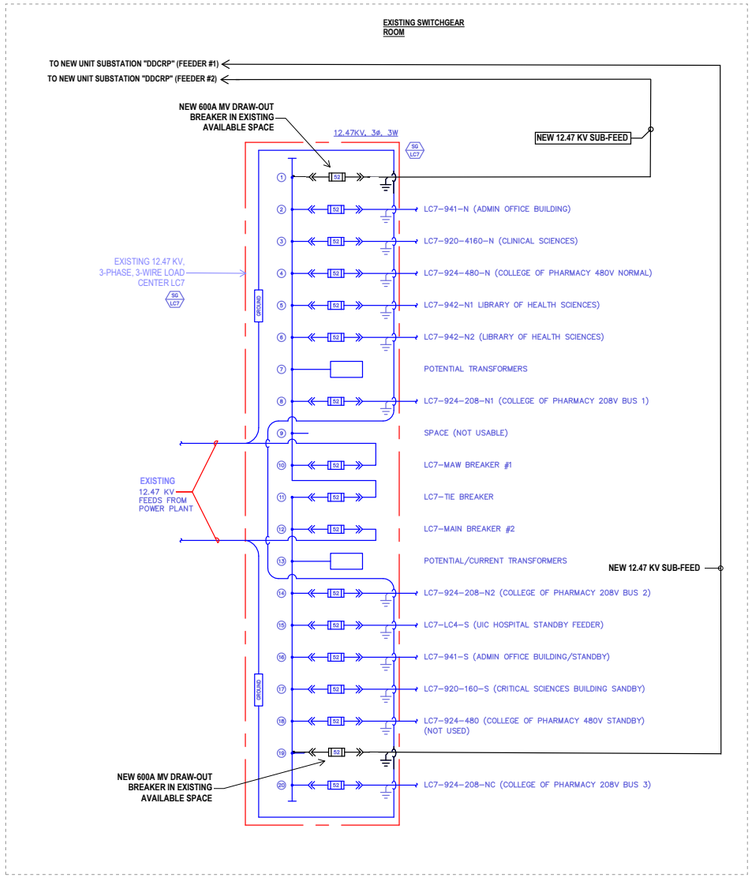

EXISTING ELEVATED TRAIN (CTA PINK LINE)
EXTEND NEW 12-5" DUCTLINE TO EXISTING MANHOLE 908 AND INTERCEPT EXISTING MV FEEDERS FOR BLDGS 941 & 942
EX MANHOLE 908
Base Option
EXISTING ELEVATED TRAIN STATION
LOAD CENTER NO.5
LOAD CENTER NO.3
LOAD CENTER NO.7
(2) NEW 12.47 KV FEEDERS WITHIN EXISTING SPARE DUCTBANK CELLS BETWEEN EXISTING LOAD CENTER 7 AND NEW DDCRP LOAD CENTER TRANSFORMERS
NEW MANHOLE 907
NEW 16-5" DUCTLINE
NEW 2000 KW NATURAL GAS GENSET LOCATED IN A DEDICATED 2-HOUR RATED GENSET ROOM ON FIRST FLOOR
NEW 24-5" DUCTLINE
NEW 8-5" DUCTLINE
NEW MANHOLE 906
NEW MANHOLE 906'
NEW M-T-M SUBSTATION "DDCRP"
LOAD CENTER NO.2
(2) NEW 3750 KVA SUBSTATION TRANSFORMERS
NEW 16-5" DUCTLINE REPLACING EX 16-5" DUCTLINE AT NEW DDCRP SITE
EXISTING PRIMARY LOAD CENTER NO. 4
WEST CAMPUS DIST. CENTER
LOAD CENTER NO.6
EXISTING PRIMARY LOAD CENTER NO. 1
12.47 KV, LOCATED INSIDE BLDG.
LC9
NEW DDCRP BLDG.
UNION ADD'N 953
COLLEGE OF NURSING 936
COLDBERG 933
BIOLOGIC RESOURCES 932
CLINICAL SCIENCES (N) 911
MEDICAL SCIENCES 935
MDUSO PSYCH
CELL 924
LIBRARY 942
ADMIN. 941
COLLEGE OF DENTISTRY 940
UIC HOSPITAL 949
PARKING STRUCTURE 928
MOLECULAR BIOLOGY RESEARCH FACILITY 919
EXISTING OUTDOOR SWITCHGEAR
LION'S 957
EYE & EAR INFIRMARY 902
OUPATIENT CARE 948
ASSOC HEALTH 916
STEAM P. 921
C.H.P. 952
ILLINOIS STATE PSYCHIATRIC INSTITUTE 975
ILLINOIS CHILDREN & FAMILY SERVICES
ILLINOIS CHILDRENS SCHOOL & REHAB. CENTER
EVELYN EDWARDS MULTIPURPOSE CENTER
WOOD ST. PARKING 971
LIGHT HOUSE FOR THE BLIND
CNS OFFICE 938
ILLINOIS VISTA HANDICAPPED IN
DEV. DISABILITIES 974
963
(1)-10-5" DUCTLINE & (2)-15-5" DUCTLINES
15-5" DUCTLINE
2-5" DUCTLINE M.H. P69-2
W ROOSEVELT RD.

EXHIBIT 02



EXISTING LOAD CENTER LC-7 DIAGRAM

SCOPE:

ADD TWO (2) NEW 600 AMP MOTORIZED MV DRAW-OUT BREAKERS TO EXISTING LOAD CENTER LC7 (ONE MV BREAKER AT EACH END DISTRIBUTION SECTION AND NEW 12.47 KV FEEDERS FROM LOAD CENTER LC7 NEW BREAKERS.

PROPOSED SCOPE

DRAWING NAME:
LOAD CENTER LC7 SCHEMATIC DIAGRAM

SCALE:

DRAWING NO.:
E.400-3

UIC DUAL ENDED SUB

FRONT VIEW

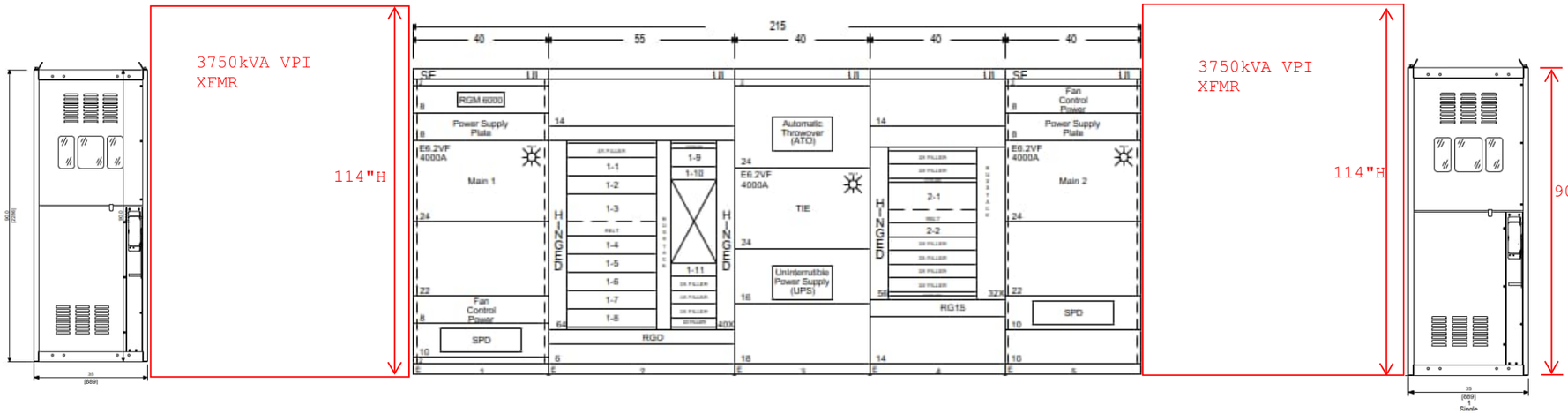


EXHIBIT E03

UIC DUAL ENDED SUB

TOP VIEW

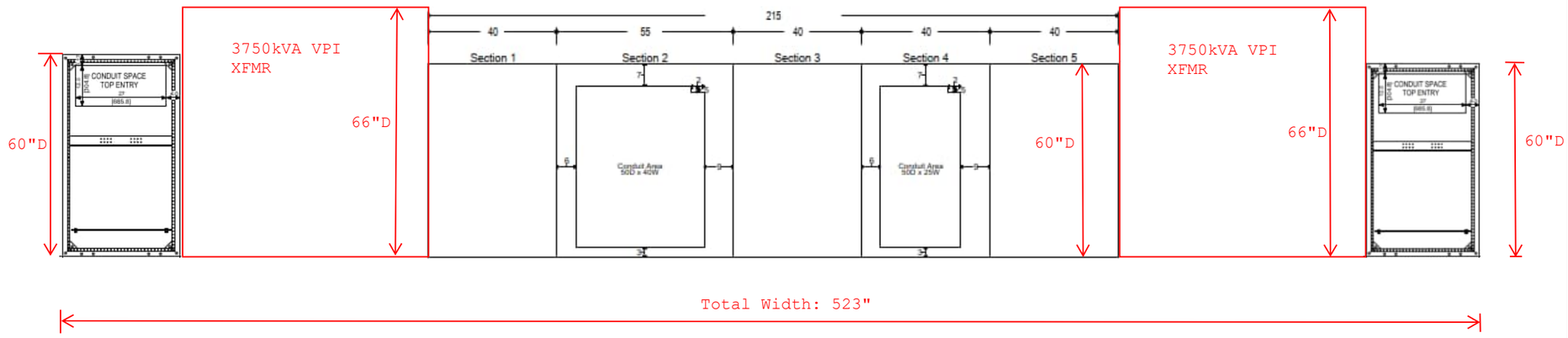
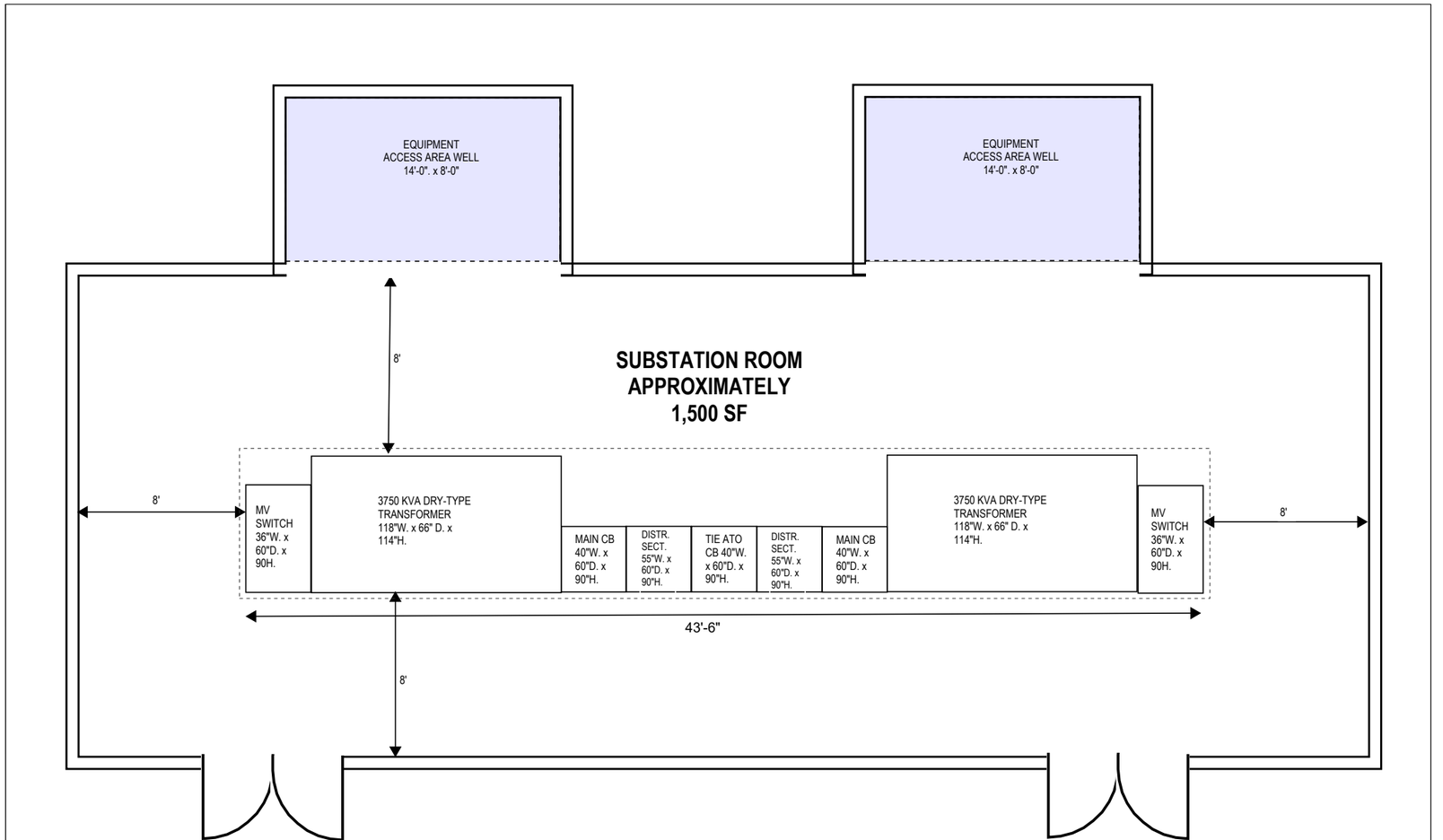


EXHIBIT E03A



MAIN ELECTRICAL ROOM - SWITCHGEAR "DDCRP" (MAIN-TIE-MAIN) LOCATED IN BASEMENT

EXHIBIT E04

ELECTRICAL DUCT BANKS & MANHOLES

Existing Duct Banks & Manholes

There are several existing 12.47kV underground electrical services that originate in the existing College of Pharmacy building Load Center 7 (LC7):

- Two duct banks (one 20-cell and one 4-cell) leave the existing Pharmacy building to the east and enter a manhole that is located on the proposed site of the DDCRP. According to as-built documentation, four of these conduits serve as main feeders to LC7 from the south and five are spare conduits.

Other conduits in the existing underground manhole 904 duct bank system also serve the following buildings:

- Library of Health Sciences (942); Administrative Office Building (941); Clinical Science Building (920) and College of Pharmacy Building (924). Building 924 has two services, one at 208V and the other at 480V.

There are also an existing underground conduit duct bank and associated manholes which currently serve the Parking lot lighting which is routed along the proposed new DDCRP building footprint.
As a result of these existing conditions, the existing duct banks must be constructed, like-for-like matching the existing, to the west of the proposed site **prior** to excavation of DDCRP.

Demolition:

- Demolish existing duct bank, as well as existing MH 906 and 907 as part of DDCRP excavation.
- Demolish existing duct bank and associated manholes currently serving the parking lot lighting and reroute as necessary.

New Duct Banks & Manholes

The underground utility relocation requires the following work, generally sequenced in the order shown:

Construct New Duct Banks & Manholes:

a. Construct new manholes (MH 906 & 907) to the west of existing manholes 906 & 907, outside the footprint of DDCRP. Demolish existing duct bank, as well as existing MH 906 and 907 as part of DDCRP excavation.

b. Construct a new 5x4 (20-cell) underground duct bank between new manhole MH 906 and Pharmacy Building 924 for Load Center 7.

c. Construct a new 2x4 (8-cell) underground duct bank between existing manhole MH 904 and south of the new DDCRP building. An alternative is to install a new manhole (MH 906') south of new manhole 906 near the new substation location for the DDCRP in the basement of the new DDCRP building.

d. Construct a new 4x4 (16-cell) underground duct bank between existing manhole MH 904 and new manhole MH 906. This will provide a new MV service pathway to re-feed existing buildings 941, 942 and 924.

e. Construct a new 4x3 (12-cell) underground duct bank between existing manhole MH 906 and new manhole MH 907. This will provide a new MV service pathway to re-feed existing buildings 941 and 942 by extending the ductbank to existing manhole 908 and intercept the existing MV feeders.

Manhole Dewatering

The Contractor shall be responsible for all dewatering required to keep the manholes and ductbank trenches free of water during installation. Water shall be removed by pumping or other approved methods and discharged in accordance with local environmental regulations and the project's Stormwater Pollution Prevention Plan (SWPPP). Provide crushed stone bedding and sumps as required to facilitate drainage.

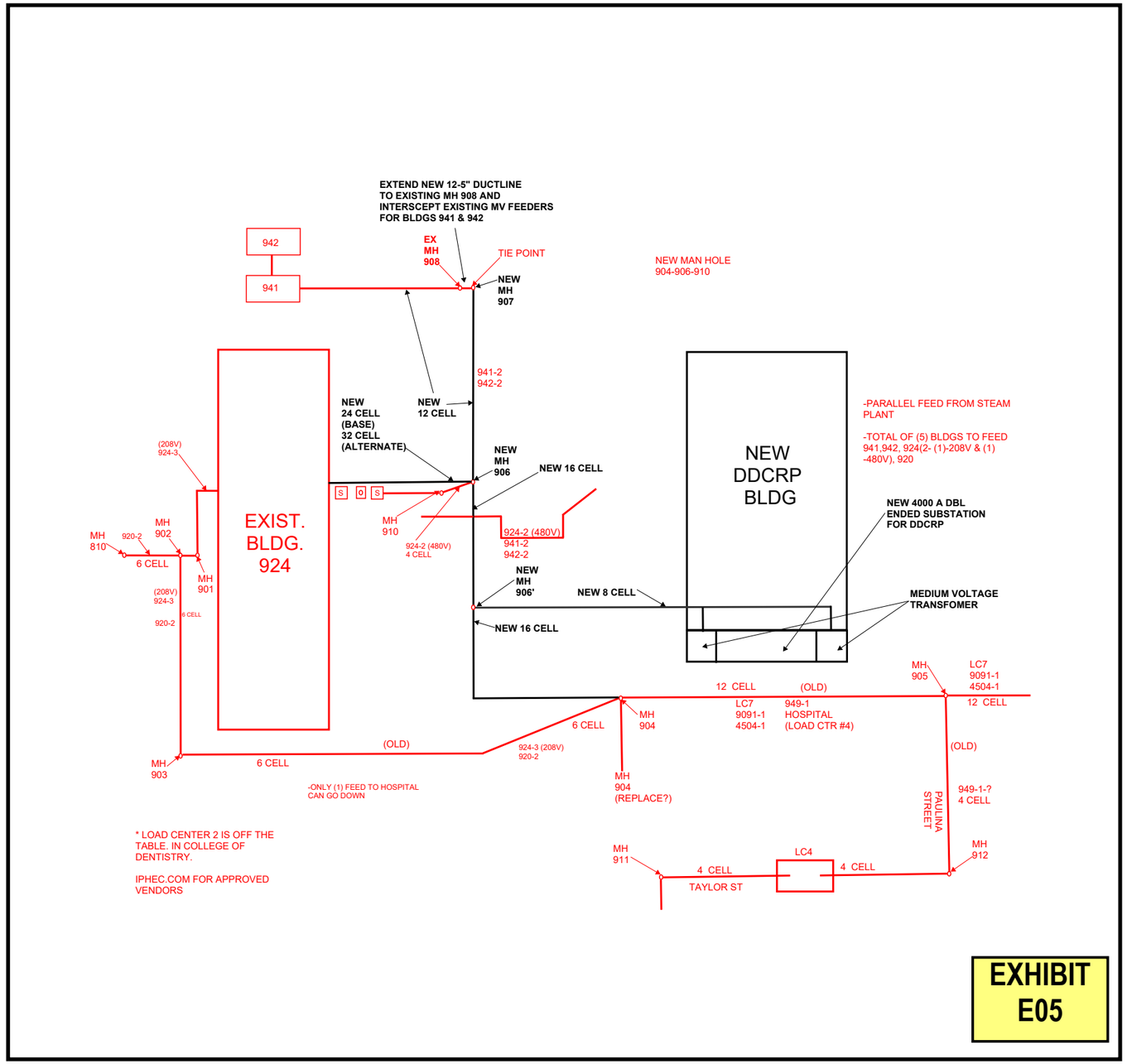
Long-term management of water:

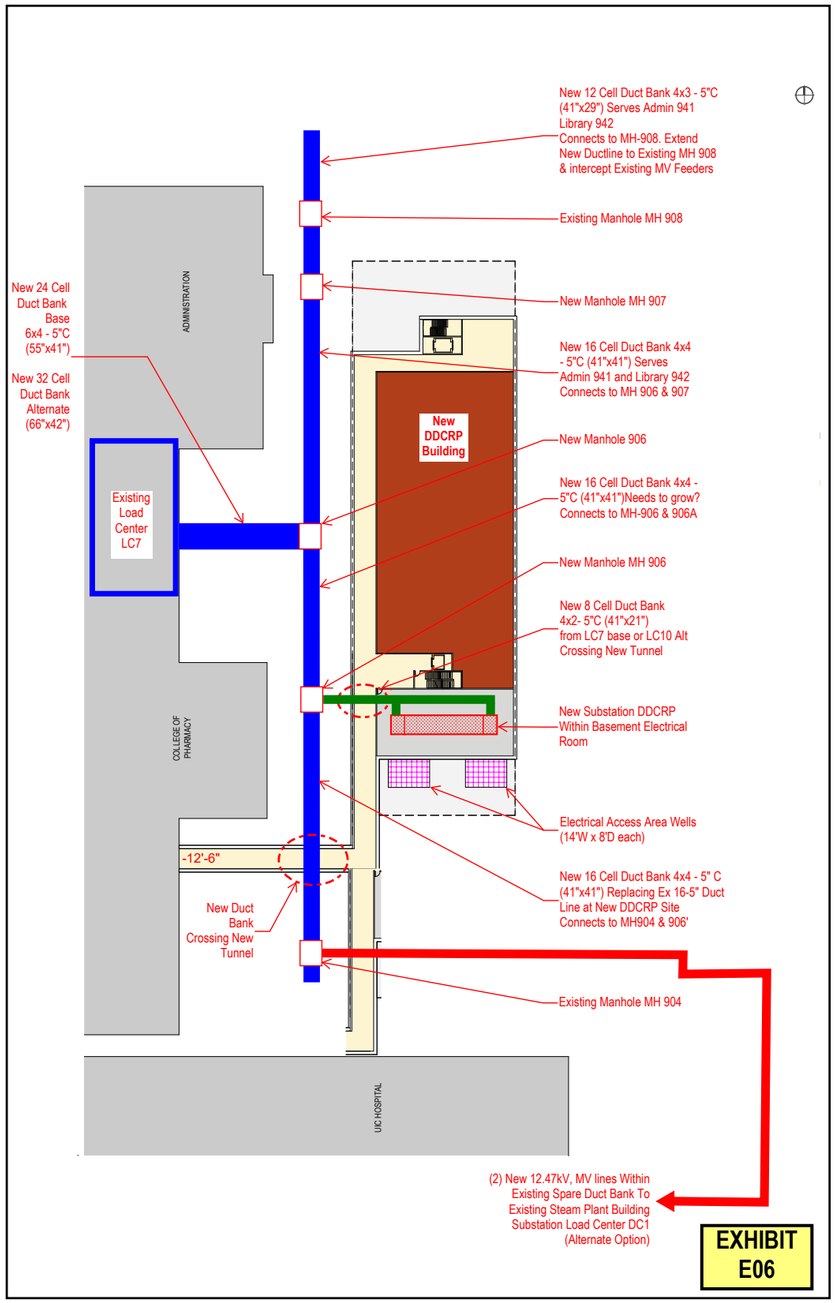
a. For Gravity Drainage: Manholes shall be installed with a minimum floor pitch of 1% toward the drainage sump. Where site conditions permit, a 4-inch diameter PVC drain line shall be connected from the sump to a daylight discharge point or an approved storm drainage system, equipped with a backwater valve to prevent reverse flow.

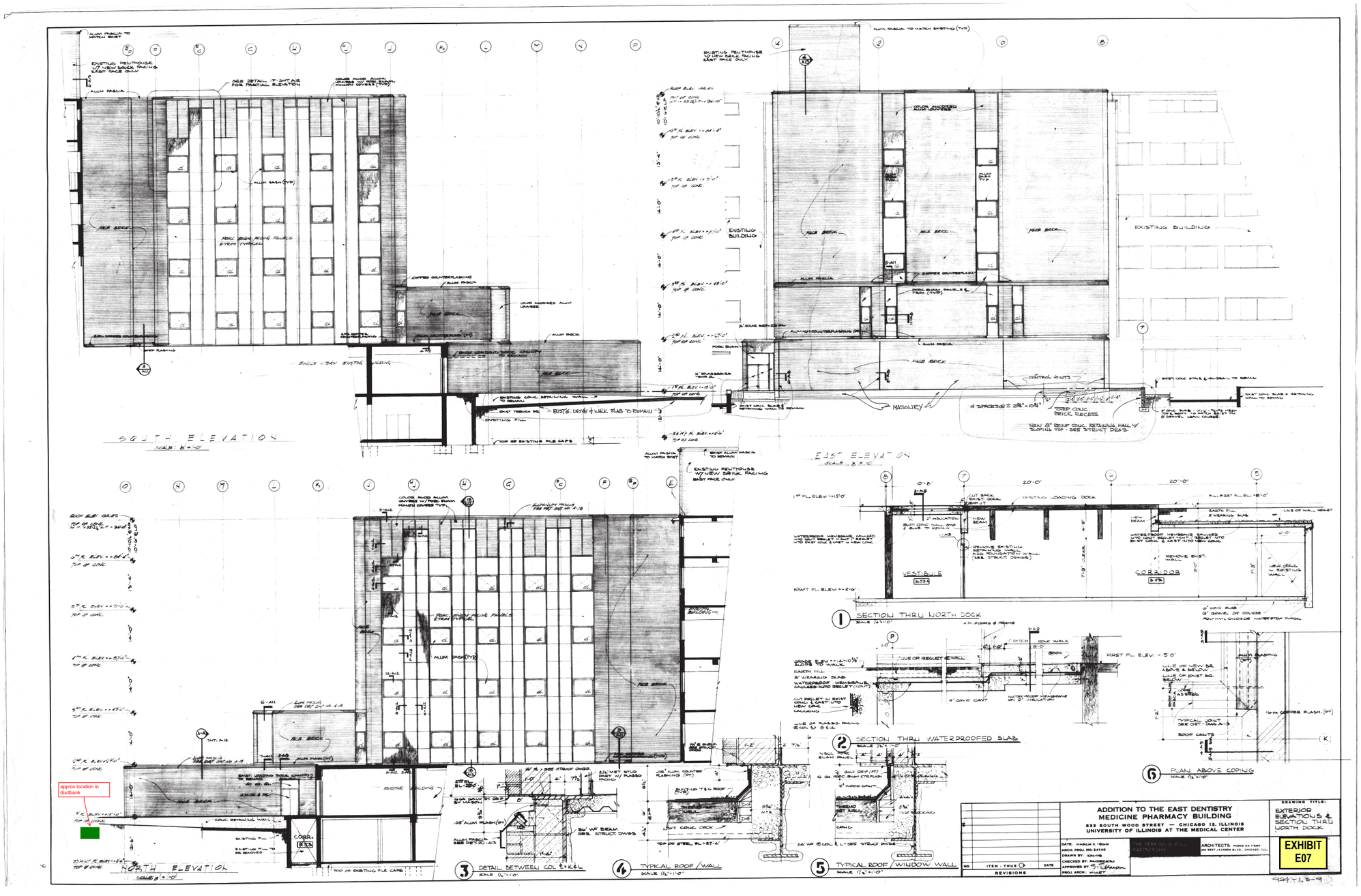
b. For Sump Pump Systems: In locations where gravity drainage is not feasible, the Contractor shall provide a recessed sump pit (12" x 12"x 6") in the manhole floor. Provide a heavy-duty, submersible explosion-proof sump pump rated for calculated Total Dynamic Head (TDH), including all necessary float switches, alarms, and discharge piping.

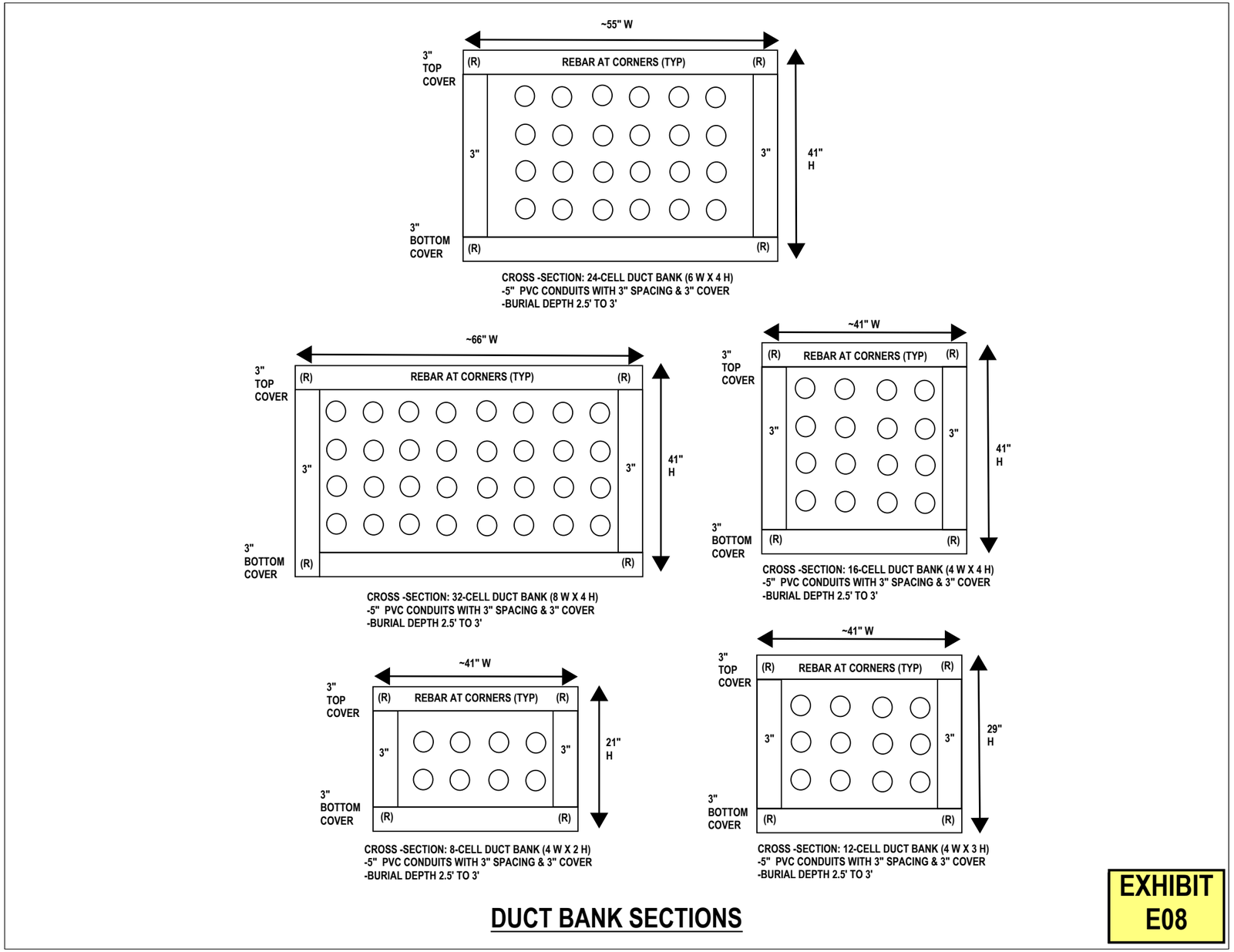
Structural /Waterproofing Focus (SOW): All ductbank-to-manhole entries shall be sealed using high-pressure mechanical modular seals to prevent groundwater ingress. All manhole sections shall be joined using butyl rubber gaskets and exterior bituminous coating. Upon completion of the ductbank system, all conduits shall be mandreled and plugged with water-tight expansions plugs to prevent water migration between structures.

This page is intentionally left blank.


EXTEND NEW 12-5" DUCTLINE TO EXISTING MH 908 AND INTERSCEPT EXISTING MV FEEDERS FOR BLDGS 941 & 942
942
941
EX MH 908
TIE POINT
NEW MH 907
NEW MAN HOLE 904-906-910
941-2
942-2
NEW 24 CELL (BASE) 32 CELL (ALTERNATE)
NEW 12 CELL
NEW MH 906
NEW 16 CELL
S O S
MH 910
924-2 (480V)
4 CELL
924-2 (480V)
941-2
942-2
NEW MH 906'
NEW 8 CELL
NEW 16 CELL
EXIST. BLDG. 924
NEW DDCRP BLDG
-PARALLEL FEED FROM STEAM PLANT
-TOTAL OF (5) BLDGS TO FEED 941,942, 924(2- (1)-208V & (1) -480V), 920
NEW 4000 A DBL ENDED SUBSTATION FOR DDCRP
MEDIUM VOLTAGE TRANSFOMER
(208V) 924-3
MH 810
920-2
6 CELL
MH 902
MH 901
(208V) 924-3
6 CELL
920-2
MH 903
6 CELL
(OLD)
924-3 (208V)
920-2
6 CELL
MH 904
MH 904 (REPLACE?)
-ONLY (1) FEED TO HOSPITAL CAN GO DOWN
12 CELL
(OLD)
LC7 9091-1 4504-1
949-1 HOSPITAL (LOAD CTR #4)
MH 905
LC7 9091-1 4504-1
12 CELL
(OLD)
949-1-? 4 CELL
PAULINA STREET
MH 911
4 CELL
TAYLOR ST
LC4
4 CELL
MH 912
* LOAD CENTER 2 IS OFF THE TABLE. IN COLLEGE OF DENTISTRY.
IPHEC.COM FOR APPROVED VENDORS
EXHIBIT E05


New 12 Cell Duct Bank 4x3 - 5"C (41"x29") Serves Admin 941 Library 942 Connects to MH-908. Extend New Ductline to Existing MH 908 & intercept Existing MV Feeders
Existing Manhole MH 908
New Manhole MH 907
New 16 Cell Duct Bank 4x4 - 5"C (41"x41") Serves Admin 941 and Library 942 Connects to MH 906 & 907
New Manhole 906
New 16 Cell Duct Bank 4x4 - 5"C (41"x41")Needs to grow? Connects to MH-906 & 906A
New Manhole MH 906
New 8 Cell Duct Bank 4x2- 5"C (41"x21") from LC7 base or LC10 Alt Crossing New Tunnel
New Substation DDCRP Within Basement Electrical Room
Electrical Access Area Wells (14'W x 8'D each)
New 16 Cell Duct Bank 4x4 - 5" C (41"x41") Replacing Ex 16-5" Duct Line at New DDCRP Site Connects to MH904 & 906'
Existing Manhole MH 904
New 24 Cell Duct Bank Base 6x4 - 5"C (55"x41")
New 32 Cell Duct Bank Alternate (66"x42")
ADMINISTRATION
New DDCRP Building
Existing Load Center LC7
COLLEGE OF PHARMACY
-12'-6"
New Duct Bank Crossing New Tunnel
UIC HOSPITAL
(2) New 12.47kV, MV lines Within Existing Spare Duct Bank To Existing Steam Plant Building Substation Load Center DC1 (Alternate Option)
EXHIBIT E06


SOUTH ELEVATION
SCALE: 1/8"=1'-0"
EAST ELEVATION
SCALE: 1/8"=1'-0"
NORTH ELEVATION
SCALE: 1/8"=1'-0"
EXISTING BUILDING
FACE BRICK
ALUM FASCIA
ALUM SASH (TYP)
EXISTING PENTHOUSE W/ NEW BRICK FACING EAST FACE ONLY
SEE DETAIL 7"-2"/7"-8" FOR PARTIAL ELEVATION
COLOR ANODIZED ALUM LOUVERS
EXISTING CONC. RETAINING WALL TO REMAIN
BUST'S. DRIVE & WALK SLAB TO REMAIN
EXISTING FILL
TOP OF EXISTING PILE CAPS
MASONRY CONTROL JOINTS
STRIP CONC. BRICK RECESS
NEW 8" REINF CONC. RETAINING WALL W/ SLOPING TOP - SEE STRUCT DRAGS.
EXISTING LOADING DOCK
VESTIBULE
CORRIDOR
EXISTING BUILDING
approx location in ductbank
1 SECTION THRU NORTH DOCK
2 SECTION THRU WATERPROOFED SLAB
3 DETAIL BETWEEN COL E & L
4 TYPICAL ROOF / WALL
5 TYPICAL ROOF / WINDOW WALL
6 PLAN ABOVE COPING
ADDITION TO THE EAST DENTISTRY MEDICINE PHARMACY BUILDING
833 SOUTH WOOD STREET — CHICAGO 12, ILLINOIS
UNIVERSITY OF ILLINOIS AT THE MEDICAL CENTER
DRAWING TITLE: EXTERIOR ELEVATIONS & SECTION THRU NORTH DOCK
EXHIBIT E07



DUCT BANK SECTIONS

EXHIBIT E08

NEW ELECTRICAL CABLES

Pull New Cables:

- Pull 8 sets [3#500 MCM + #2/0G] via new duct bank from existing MH 904 to existing College of Pharmacy. Splice cables in existing MH 904 and terminate within existing College of Pharmacy.
- Pull 4 sets [3#500 MCM + #2/0G] via new duct bank existing College of Pharmacy building to new manhole 907 to the north. Splice cables in new MH 907 to existing cables that serve buildings 941 and 942 to the north. Terminate new cables within existing College of Pharmacy.
- Pull 8 sets [3#500 MCM + #2/0G] via new duct bank from existing MH 904 to the new DDCRP south wall. Alternatively, pull these cables from new MH 906' and terminate at the new DDCRP west wall.
- Sequencing of cable splicing and terminations shall be such that only one main of each main-tie-main unit switchgear off at a time, wherever possible, to reduce outage times to only the time required for switchover of the tie breaker.
- Provide temporary portable generator systems with sufficient fuel capacity for a continuous running time for each electrical service to be transferred due to shut-down and changeover periods. Provisions will be made for the changeover of these systems and are expected to be between four to five days. Coordinate all outages and changeovers with UIC Facilities.

ELECTRICAL & MECHANICAL ROOMS

Main Electrical Room

The main electrical room will be located in the basement to house a new electrical substation, distribution panels, step-down transformers, UPS system, branch circuit panels, etc. This room will also have a 14' wide by 8' high exterior equipment access area well adjacent to the transformer for equipment replacement and maintenance. This room will be approximately 80' wide by 30' deep and will have 3-hour fire rated walls.

Electrical Room Each Level

There will be two electrical rooms on each floor from the first level to the fifth level.

The sizes of these rooms will be approximately 15' wide by 20' deep and will have 2 hour fire rated walls. Fire sprinkler systems shall not be installed in these areas.

IDF Rooms

These rooms will have 2 hour fire rated walls. Fire sprinkler systems shall not be installed in these areas.

Automatic Transfer Switch Room

The ATS room will be located on the first floor and will be approximately 15'wide by 20' deep and will have 2 hour fire rated walls.

Generator Room

As described above, the generator room will be located on the first floor and will be approximately 36' length by 18' width and will have 2 hour fire rated walls.

Electrical & Mechanical Rooms

Electrical equipment rooms (see electrical room sizes section above) will be positioned to facilitate unobstructed initial installation of large equipment, and unobstructed removal and replacement of defective equipment.

Adequate space will be provided for maintenance of electrical equipment and equipment removal.

Pipes and other equipment foreign to the electrical equipment will not be located in, enter, or pass through such spaces or rooms. Pipes are not allowed to pass above electrical equipment in other spaces such as mechanical rooms, including above VFD's.

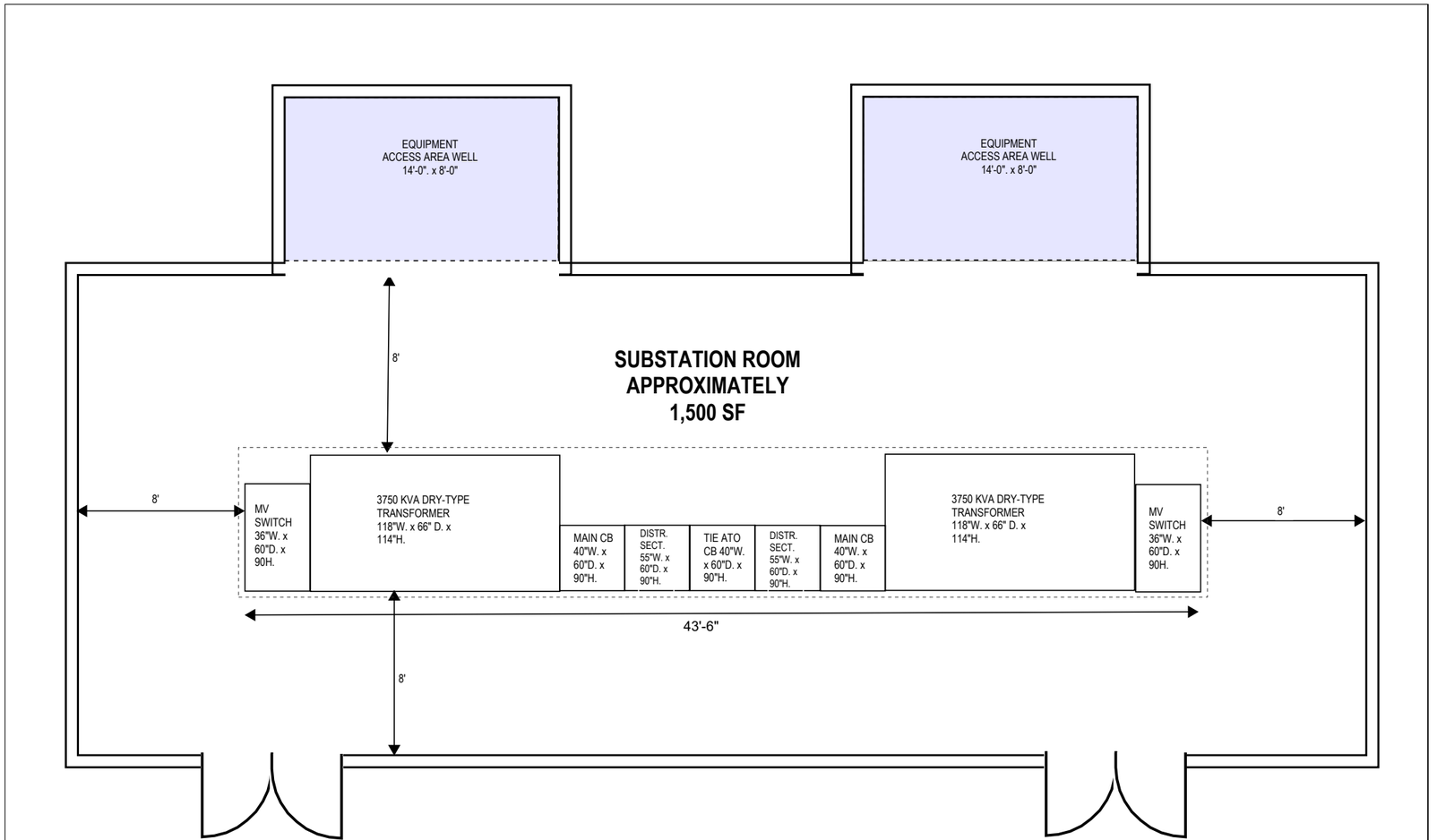
Panelboards will be grouped, surface-mounted, in dedicated ventilated rooms. Electrical rooms will be stacked vertically whenever practicable.

Penthouses and mechanical rooms will be utilized for electrical equipment and panelboard placement where applicable for optimization of space.

Panelboards serving lighting and appliance circuits will be located on the same level as the circuits they serve and will be served from source of supply with a dedicated feeder.

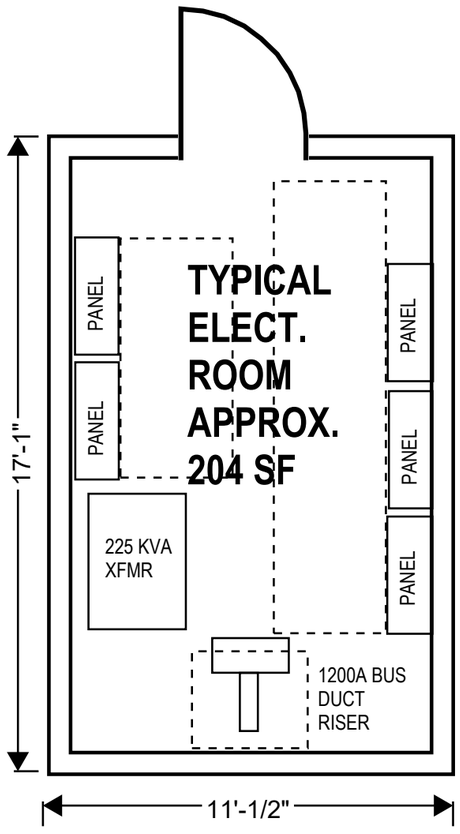
Feed through, sub feed and double section panelboards will not be used unless required to comply with selective coordination requirements.

This page is intentionally left blank.



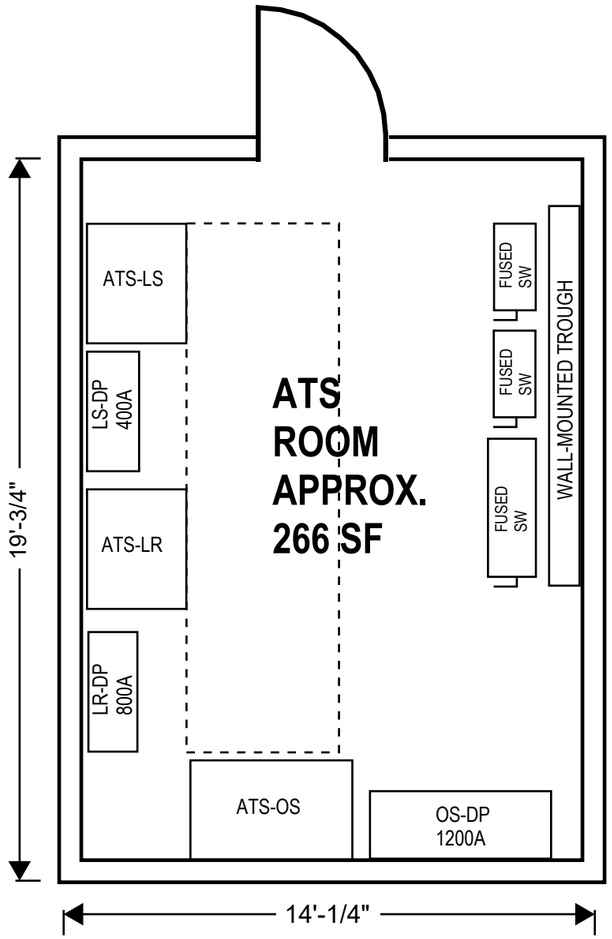
MAIN ELECTRICAL ROOM - SWITCHGEAR "DDCRP" (MAIN-TIE-MAIN) LOCATED IN BASEMENT

EXHIBIT E09



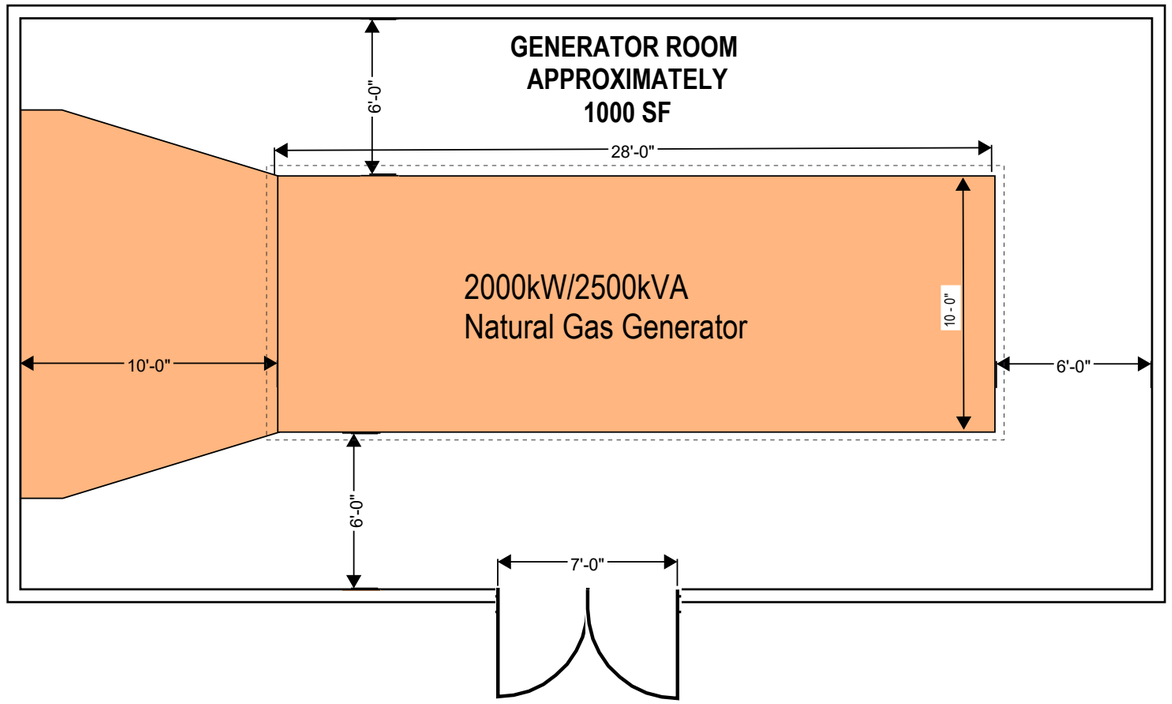
TYPICAL LEVEL ELECTRICAL ROOM - FLOORS 2-5

EXHIBIT E10



AUTOMATIC TRANSFER SWITCH ROOM - GROUND LEVEL

EXHIBIT E11



GENERATOR ROOM - GROUND LEVEL

EXHIBIT E12

ELECTRICAL SYSTEMS- DESIGN CRITERIA

Refer to the UIC DDCRP room data sheets Section 10.0 for lab and non-lab spaces for general electrical requirements. Coordinate the specific electrical requirements for specific equipment with the equipment providers. These room data specifications related to voltage, phase, and grounding are preliminary as of the issuance of this narrative and will be developed further.

The primary system service capacity will be designed to serve the calculated connected load of the facility plus an additional 25 % for anticipated future loads.

Surge protection shall be provided at the unit substation.

Switchgear distribution circuit breakers shall be draw-out power circuit 100% rated breakers with power metering capability.

Building service and distribution equipment sizes will be based on estimated demand plus known or anticipated future loads.

Power distribution equipment will be sized to support 25% spare capacity (amperes) to accommodate functional changes over the life of the building.

Power distribution equipment will be sized to include 25% spare circuit breakers plus spaces for future circuit breakers

Power factor correction will be considered in the design of the power distribution system to bring the calculated power factor to 90% or better

Surge Protection

Surge Protective Devices (SPD) will be used as design dictates. A single SPD device will be installed on the load side of each main service disconnects, the generator switchboard and at the first distribution panel on the load side to each automatic transfer switch. Second-tier SPD devices at branch panelboards and other locations will be incorporated as required. Surge Protection shall be provided on all emergency life safety branch distribution equipment.

EMF and Harmonics

Electrical vaults and major electrical equipment rooms containing transformers larger than 300 kVA to not be located adjacent to occupied workstations.

The power service will be required to meet the requirements of IEEE Standard 519 to ensure proper service. Harmonic distortion will be limited to 5% maximum TDD at the point of common coupling for most standard industrial users where the short-circuit ratio is less than 20. The point of common coupling is being defined as the secondary side of upstream utility transformer**.**

Emergency/Standby Power Distribution

As required by Code, the feeders and branch circuit wiring to emergency loads (lighting, fire alarm, telecommunications, etc.) will be in dedicated raceways.

Individual feeders will originate at the emergency generator to a wire trough and separate service fused disconnect switches located within the automatic transfer switch room and will feed separate automatic transfer switches to serve all life safety, legally required and optional standby loads.

ELECTRICAL DISTRIBUTION

Normal Power

Distribution

The normal distribution system shall include all electrical distribution equipment from the utility service point to the branch distribution outlet device, including those systems and devices as described in the following:

a. The outgoing 277/480V feeder cables will feed directly out of the top of the distribution circuit breaker sections to each 1200-amp bus duct risers and routed vertically serving each level electrical room of the new DDCRP building. Each floor will have two 400 amp rated bus duct breaker tap boxes.

b. Distribution to power and lighting distribution panelboards will consist of conduit and wire. Each distribution panel board will be fed directly from the service entrance switchboard; feed-through lug panelboards will not be used. This approach allows electrical isolation of each panelboard without affecting loads served from other loads.

c. Typical at each level: The riser will deliver normal power to a 400-amp power panelboard, a 200-amp lighting panelboard, and a 225 kVA, 480-208Y/120V secondary distribution transformer.

d. Each 480-208Y/120V secondary distribution transformer will deliver power to a 600A Distribution Panel. The Distribution Panel will deliver power to the branch circuit panel boards located at centralized distribution points. Each Lab will be supplied with a 225A sub-panel supplied from the 600-amp electrical distribution panel.

e. The electrical distribution system shall be 480/277 volt, three phase, four wire from the main switchboard to panelboards throughout the building. The main switchboards will contain molded case, electronic-trip circuit 100% rated breakers and Owner-metering equipment, as well as ground fault protection on the main circuit breakers and surge suppression devices.

f. Dry type transformers shall be provided to supply 208/120 volt, three phase, four wire service to panelboards throughout the building. Panelboards and transformers shall be installed locally throughout the building to minimize voltage drop on branch circuits.

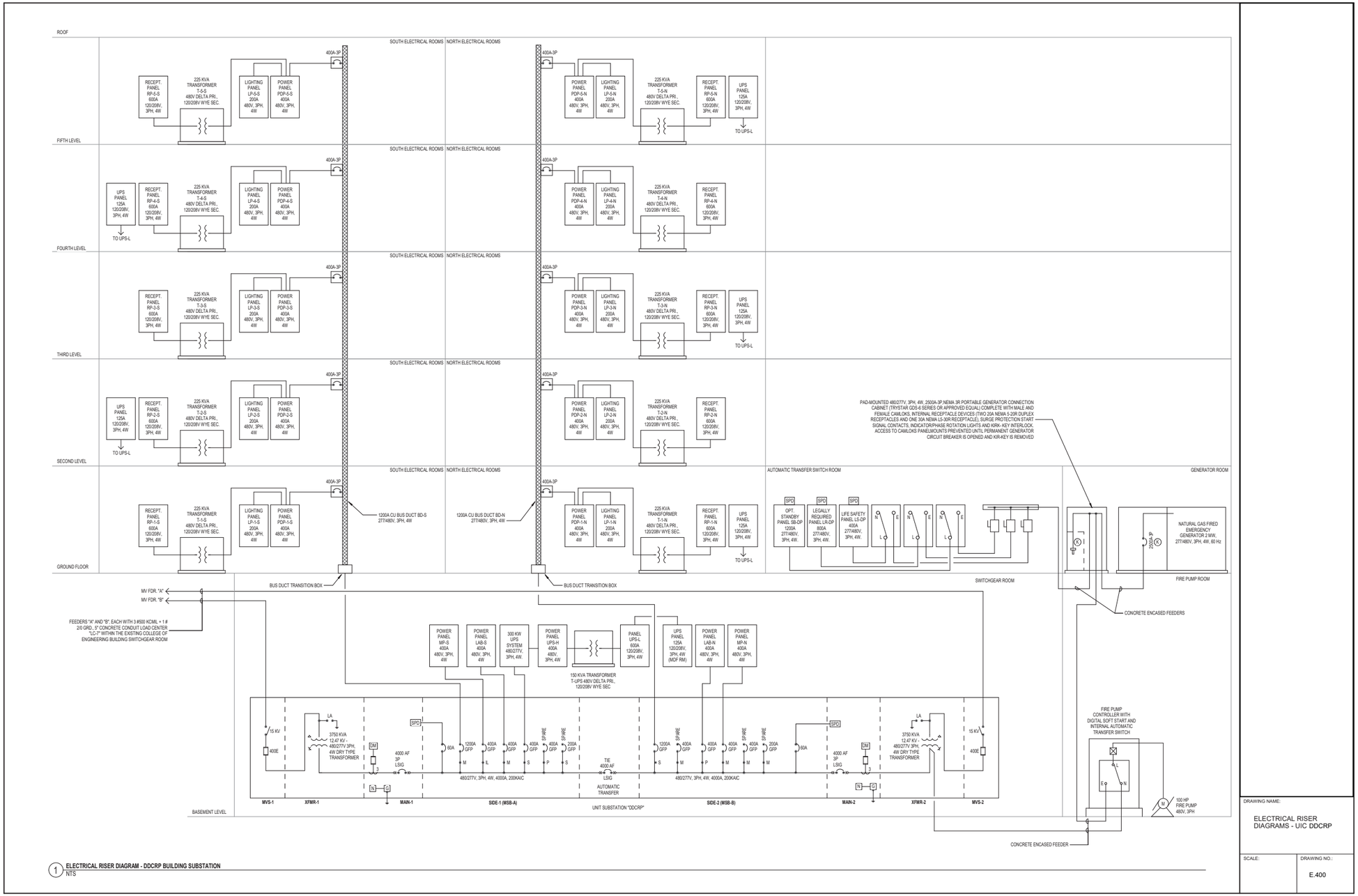
g. Provide a standalone emergency generator with Automatic Transfer Switch (ATS) shall be 4- pole (separately derived source) capable of closed-transition testing without interruption of critical & legally required loads. ATS units shall be isolation-bypass type, allowing safe maintenance, testing, and service without loss of power to emergency circuits. The following features will be provided:

    1. All ATS shall be bypass-isolation type.
    2. Closed transition testing required for generator and source-to-source testing.
    3. Main-Tie-Main shall include ATO PLC logic.
    4. Provide remote monitoring/ alarm or control for generator and ATSs in accordance with UIC and CDB standards
    5. At generator breaker, feed ATS optional standby, and optional standby panel per NEC 700.6 and 700.31.

h. All building grounding, including equipment grounding, shall utilize a Hogan ground system to ensure uniform grounding resistance and compliance with UIC electrical safety standards.

i. No conduits shall be encased in concrete in slabs, decks, or structural elements.

j. Mineral-insulated (MI) cable shall not be used anywhere on the project



1 **ELECTRICAL RISER DIAGRAM - DDCRP BUILDING SUBSTATION**
NTS

UNINTERRUPTIBLE POWER SUPPLY SYSTEM (UPS)

Design Criteria

The UPS system to be rated at 300 kW, 277/480V, 3-phase, 4-wire, complete with maintenance bypass and battery run-time of a minimum of 30 minutes at full load. There will be a UPS distribution panel rated at 400A, 277/480V, 3-phase, 4-wire located adjacent to the UPS system. The UPS will feed a distribution panel "UPS-H" rated at 400A, 277/480V, 3-ph, 4w. to serve 277V and 480V circuits. Panel UPS-H will also feed a 150 kVA dry type transformer which will feed panel UPS-L rated at 600A, 120/208V, 3ph, 4w. Panel UPS-L to feed a total of six (6) 125 amp 120/208V, 3-phase, 4-wire branch circuit panels. Each 125A panel to be located within the typical electrical room riser on alternate floors. These UPS panels will then feed various BAS supervisory controller, room level controllers , field devices, application servers/ workstations and critical Lab loads throughout the building. Panel UPS-L will also serve a dedicated panel rated at 125A, 120/208V, 3ph, 4w within the MDF room to serve all critical IT 120/208V loads.

The UPS system size is based on the estimated VA/sq ft load of Information Technology (IT) equipment and estimated VA/sq ft load of critical lab equipment as follows:

- Total estimated IT equipment load 90 kVA
- Total estimated critical lab equipment load 130 kVA
- Total estimated future growth critical load 65 kVA (approximately 30%)

Total estimated UPS system size of 285 kVA x 0.98 P.F. = 256.5 kW.

Maximum estimated load capacity of UPS system in amps to be approximately 400A at 480/277, 3-phase.

System Description

Provide a UPS System to serve information technology/server equipment, building automation controllers, application servers/ workstations, BAS supervisory controller, room level controllers and field devices to be on UPS power associated with lab environmental control and containment and other lab equipment per facility program requirements. Minimum power factor shall not be less than 0.98. UPS system shall comply with the following requirements:

1. Generator Available: Connect to the generator backed-up source. The generator must provide power to all auxiliary equipment, lighting, air conditioning equipment and ventilation of the UPS room.
2. Spare Capacity: UPS system shall have a minimum of 30% spare capacity to meet future program requirements. UPS system shall have modular expansion capability.
3. Alarm and Monitoring: System status panel shall include and audio/visual alarm feature to alert the proper personnel/operator. Provide a remote alarm at the space served by the UPS and interface to the building automation system (BAS) to indicate alarmed condition. Alarm and monitoring shall include:
    a) System "ON," system "Bypassed," system "Fault"
    b) Out of phase utility fault
    c) Generator "Run" status

ON-SITE RENEWABLE ENERGY SYSTEMS

System Description - Solar photovoltaic system

Under the applicable energy conservation code, commercial buildings are generally required to install a renewable energy system (typically solar) with a minimum capacity (e.g., 0.75 W/sq. ft.}. However, this can bypassed if:

a. Performance Compliance Path (preferred path)**:** If the Total Building Performance path is utilized (applicable energy conservation code Section C407), solar PV can avoided by demonstrating that the building's overall energy cost (or source energy) meets the code's target using alternative high-performance strategies. These include:
    - Enhanced building envelope (better insulation and windows).
    - Higher-efficiency HVAC or lighting systems beyond the prescriptive minimums.
    - Advanced building automation and occupancy controls.

b. If improved Energy Code Compliance cannot be achieved (as described above) , a Solar Photovoltaic System shall be sized for a minimum production of not less than 0.75W/sf multiplied by the sum of the gross conditioned floor area of all floors, not to exceed the combined gross conditioned floor area of the three largest floors. (applicable energy conservation code Section C405.15.1; Climate Zone 5A; 141,050 sq-ft based on the electrical load calculation for all program spaces)

The solar PV system shall be comprised of PV modules, Inverters, DC combiner boxes, disconnects, AC distribution panels, grounding, PV roof structural supports ballasts, monitoring/metering communication equipment, all AV and DC wiring in conduit.

Design Criteria

The Solar PV System to comply with requirements of NFPA 70, Article 690 and NEC 705 for grid connection.

System Description – Battery Energy Storage System

Provide a permanently installed Battery Energy Storage System (BESS) including all inverters, converters, disconnects, conduit and wiring sized for a minimum production of not less than 100% of the installed on-site renewable electric energy (roof solar photovoltaic system) rated power (kWDC). Electrical storage devices shall have minimum capacity of 1.5 watt-hours per sq-ft of gross building area (applicable energy conservation code Section C406.3.5 G04 & Appendix CJ101.1.1). This system to be provided as required per the EOR's analysis of the anticipated total building energy load consumption to offset such building load for resiliency and peak load shaving to comply with the energy code. The BESS system to have a capacity range between 100 kW minimum to 300 kW maximum and a kilowatt-hour rating of 200 kWh to 600 kWh and sized to offset approximately 50% of the total building load for about 2.5 hours.

The BESS System to comply with requirements of NFPA 70, Article 705, 706, 480 and UL 9540. The BESS system shall be interfaced with the solar PV system and shall be located outside on a 6" thick reinforced concrete pad.

ENERGY MONITORING SYSTEM

System Description

Provide an Electrical Energy Monitoring System to monitor the following load categories:

1. Total electrical energy
2. Interior lighting
3. Exterior lighting
4. HVAC systems (heating, cooling, fans, pumps, boilers)
5. Service water heating systems
6. Receptacle/plug loads
7. EV charging
8. Total energy usage >10%. (any comingled loads)

Design Criteria

Provide software integration for all electrical sub-metering to totalize use, to record demand, and to store data over a 36-month period. This software integration protocol shall be provided for both local and web-based monitoring. To meet the advanced energy metering requirements, power meters shall possess the following qualities and capabilities:

1. Data Reporting & Communication: Systems must be capable of automatically communicating data to a centralized data acquisition system, providing graphical reports.
2. Monitoring Methods: Meters, sensors, or Non-intrusive Load Monitoring (NILM) packages can be used. Current sensors must have a ±2% accuracy.
3. The data collection system must use a local area network, building automation system, wireless network, or comparable communication infrastructure.
4. The system must be capable of storing all meter data for at least 36 months.
5. The data must be remotely accessible.
6. All meters in the system must be capable of reporting hourly, daily, monthly, and annual energy use.

7. All new metering equipment shall include OEM factory start up.
8. All new electric metering shall be revenue-grade.
9. Metering shall be Electro Industries Shark 250 Meters with ethernet communications.
10. Metering shall be capable of metering the entire site load including emergency feeds.
11. New meters shall be stand-alone from any metering provided or integral to new gear.
12. New revenue grade current transformers shall be installed on new gear and sized for 80% of rated gear amperage.
13. Electrical design shall allow for submetering and data access, as required to support LEED energy metering and advanced energy metering credits, including the ability to separately monitor major end uses and building systems.
14. Energy data must be recorded at minimum 15-minute intervals with data retained for 36 months.

METERING SYSTEMS AND INSTALLATION:

1. All utilities meters shall be tied directly into campus utilities portal utilizing a dedicated Tridium JACE. This JACE shall not be used for building automation systems.
2. All new metering systems shall be provided, wired and installed by the project controls contractor.
3. UES personnel shall inspect and accept or reject all new revenue-grade metering systems.
4. Integration of new meters to UES systems shall be provided by the UES-designated utilities system's integrator hired by the user agency.

All utility meters and sub-meters shall be connected to the campus network and use a common communication and data collection protocol. A complete energy monitoring system shall be provided which allows for real time energy data and trends to be displayed in a graphic format on a dashboard accessible through the building automation system graphics. The energy management system shall be capable of issuing automated regular reports to the facility operators which are configured to their preferences

EMERGENCY/STANDBY POWER SYSTEM

System Description

The emergency/standby power will be distributed to multiple automatic transfer switches segregated by system. Specific equipment for specific programs for the DDCRP will be coordinated and identified during the design build stage for optional emergency equipment to be backed up as Optional Standby.

A preliminary draft of the Segregated systems is as described below:

System	Associated Loads
Emergency Systems NEC Article 700	Egress Lighting
	Exit Signs
	Fire Alarm Detection and Annunciation Systems
	Elevator Cab Lighting
	Fire Pump / Jockey Pump
	Generator Set Accessories
	Fire Smoke Dampers
	Mechanical smoke control equipment associated with the atrium exhaust and stair pressurization, as required
	Public Safety Communication System
Legally Required Standby Systems NEC Article 701	Ventilation systems where essential to maintain life, fire detection and alarm systems
	Building automation systems associated with control of required ventilation systems
	Sewage ejectors
	One Elevator per Bank
	Sump pumps
Optional Standby Systems NEC Article 702	Telecommunication System
	Building Automation System (BAS) and Accessories
	Access Control System

	Select Mechanical Equipment
	Lab Exhaust System
	Select Mechanical Systems Required for Maintaining Research
	Uninterruptable Power Systems to support critical telecom infrastructure, lab research activities
	Water Booster Pumps and chiller equipment that is required for maintaining research
	Vivarium. (Exact equipment to be coordinated and determined later during design build)

Design Criteria

The capacity of the generator will be sufficient to serve the facility, with approximately 25% future capacity.

EQUIPMENT AND COMPONENTS

Equipment	Description of Components
Switchboards	• UL 891 construction Front access NEMA 1 enclosure Silver-plated copper Bus • Main Circuit Breaker • Group mounted bolt-on feeder circuit breakers • Electronic trip circuit breakers with field-adjustable and field-changeable trip units will be used for all circuit breakers 200 amps and greater and for smaller sizes if special circumstances exist. • Circuit breakers 800 amps and greater will be UL listed for applications at 100% of their continuous ampere rating in their intended enclosure. • Surge Protection Devices. • Infrared viewing windows for each breaker. • 200kAIC rating
Distribution Panelboards	• UL 891 listed, Front access NEMA 1 enclosure switchboards Copper Bus • Main Circuit Breaker • 100% rated fixed-mount circuit breakers • Electronic trip circuit breakers with field-adjustable and field-changeable trip units will be used for all circuit breakers 250 amps and greater and for smaller sizes if special circumstances exist.
Branch Panelboards	• UL 67 listed • 42 Pole, NEMA 1 enclosure, recessed and/or surface mounted Copper Bus • Main Circuit Breaker • Molded case with non-adjustable trip units to be used for all circuit breakers 250 amps and smaller • All circuit breakers will be bolt-on style • Panelboard covers will be hinged trim with door-in-door construction.
Electrical Service Vault Transformers	• FR-3 filled • Copper Winding • Dead front incoming medium voltage feeder connections • Load break, gang operated, oil immersed switch with eye for hot stick operation.

Equipment	Description of Components
	• Infrared view windows mounted in high and low voltage compartments • Units to be provided with secondary containment system to contain fluid leaks.
Distribution Transformers	• 480 Delta to 208Y/120 VAC, Wye, three-phase, four-wire; 3-coil, 2-winding type; 115°C rise above 40°C ambient • Copper Winding • K rated or harmonic mitigating as required based on detailed design, analysis, and studies. • Neutral conductors for K-4 and higher units to be increased in size from the transformer to the first distribution panel and will be able to support 200% of the normal phase current. • Transformers will incorporate vibration isolation pads in their construction located between the core/coil assembly and the transformer case.
Automatic Transfer Switches	• Four pole • Copper Bus • 100kAIC minimum rating Solid Neutral • Closed Transition Transfer Controls: Solid State microprocessor Isolation Bypass: Maintenance Switch Bypass • 30 cycle for use with power circuit breakers short circuit rating

GROUNDING SYSTEM

System Description

A complete low-impedance grounding electrode system will be provided for this facility. The grounding electrode system will include the main water service line, structural steel, and ground ring around the perimeter of the building.

A separate, insulated equipment grounding conductor, sized per the National Electrical Code, will be provided within each raceway and cable tray, with each end terminated on a suitable lug, bus, enclosure, or bushing.

A grounding riser with ground bus bar will be located in each electrical closet.

The equipment grounding system will extend from the building service entrance equipment to the branch circuit. All grounding system connections will be made using exothermic welds and irreversible compression connections (where applicable).

Bonding jumpers will be provided as required across pipe connections to water meters, dielectric couplings in a metallic cold-water system, and across expansion/deflection couplings in conduit and piping systems.

All feeders and branch circuits will be provided with a ground equipment conductor.

Design Criteria

The grounding electrode system will be designed in accordance with NEC article 250.

System resistance to ground will be 5.0 ohms or less.

All conductors will be installed in steel conduit unless installed below grade or in concrete.

Equipment and Components

The reference ground for the equipment grounding system will be established from a structural ground grid as follows:

A No. 4/0 AWG bare copper ground wire will be installed at 30" below grade around the entire perimeter of the building. 3/4”x 10 ft driven copper ground rods (test wells) will be installed and connected to this ground loop at not-greater-than 200’ intervals with a No. 4/0 AWG bare copper conductor. Steel columns in exterior walls will also be connected to this ground loop with 4/0 AWG bare copper at intervals not to exceed 60’. Interior steel columns will be connected to the exterior ground loop on each side of the building at intervals not to exceed 200’ with a No. 4/0 AWG bare copper conductor.

Wall-mounted copper ground bus will be in the main electrical room, floor electrical rooms, and voice/data rooms. The main electrical room ground bus will be connected to exterior ground loop.

Distribution

A separate, insulated 4/0 AWG ground wire will be provided from the main electrical room ground bus to each floor's electrical room ground buses, underground incoming water service line ahead of meter, and underground gas line at the building entrance.

The main service entrance neutral will be bonded to the system ground bar within the switchboard by a removable bus bar link.

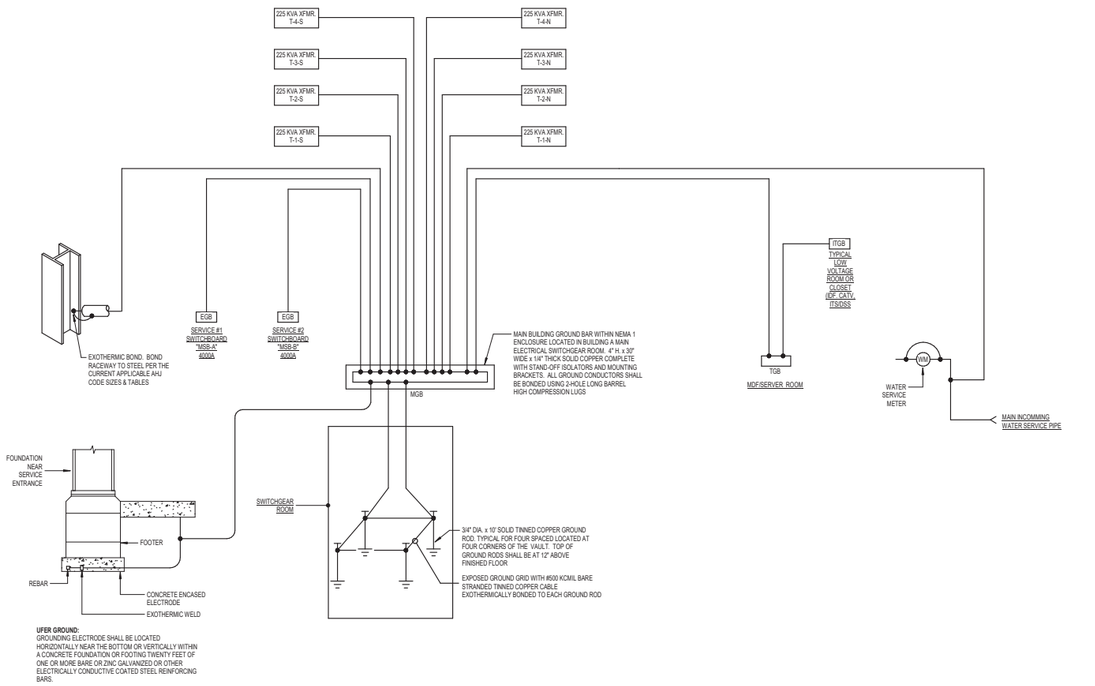
A code-sized, unbroken bond leader will be connecting the electrical room ground bar to the XO terminal of the local transformers.

A No. 4/0 AWG, bare copper, grounding electrode conductor will be extended to all voice/data rooms, so that those systems can be properly bonded.

A separate ground wire will be provided for all circuits.

A ground bus will be installed in each of the two electrical rooms on levels one through five. Each ground bus will be extended to each lab area.

This page is intentionally left blank.



1 **GROUNDING RISER DIAGRAM - DDCRP BUILDING**
NTS

DRAWING NAME:
GROUNDING RISER SCHEMATIC DIAGRAM

SCALE:

E.411

LIGHTNING PROTECTION SYSTEM

System Description

A lightning protection system will be provided to protect structure and associated appurtenances as defined in a future Lightning Risk Assessment which will consist of a system of conductance designed to safely divert the energy of a lightning strike to the earth while minimizing damage to the facility.

Design Criteria

System will comply with NFPA 780 - Standard for the Installation of Lightning Protection Systems.

The installer will be certified with the Lightning Protection Institute, and the installation Contractor will provide a UL Master Label for the completed system.

Equipment and Components

Materials will be rated Class I for structure heights of 75’ or less. Class II for structure heights above 75’.

Air terminals will be solid copper with a tapered point, 10” minimum height and have a mounting base suitable for the location.

Conductors will be bare-stranded copper, except aluminum will be used where installation is in contact with aluminum surfaces.

Ground rods will be copper-clad steel, 3/4” diameter by 10’ long, with a bronze mechanical- type conductor clamp.

A #2 AWG bare, solid buried counterpoise ground conductor to be installed along the entire perimeter of the building footprint and bonded to the perimeter buried ground rod system.

Distribution

The system layout and design will encompass all exterior surfaces of the facilities under a complete zone of protection as defined by NFPA 780. Air terminal spacing will not exceed 20 ft, except spacing up to 50’ is allowed for non-perimeter areas of flat roofs. Locations will comply with NFPA 780 and will generally follow the building roof ridges and/or perimeters.

One (1) down conductor will be provided for every 250 ft of building perimeter, with a minimum of two (2) conductors. Conductors will be configured to provide a two-way path to earth. Metal bodies will be bonded to the conductor system in accordance with NFPA 780.

A ground rod will be connected to each down conductor. The electric power service grounding system will be bonded to the Lightning Protection System.

LIGHTING SYSTEMS

System Description

A complete lighting system for all indoor and outdoor illumination will be provided to meet applicable energy conservation code. General lighting and mechanical equipment shall be served at 480/277 volts, receptacles and office equipment shall be served at 208/120 volts. The indoor and outdoor lighting systems will consist of energy-efficient LED lighting fixtures.

The lighting system will be provided with the following features:

a. A central lighting control system will be provided for lighting throughout the building.

b. Automatic controls will consist of vacancy and/or occupancy sensors to the maximum extent possible.

c. Indoor lighting controls will consist of low-voltage switches controlled by low- voltage lighting control system, room occupancy sensors, and daylighting control in daylit zones.

d. Outdoor lighting controls will utilize photocells and time switches with line voltage manual override switches.

e. Lighting Power Density will reduce the overall of the building by 30% under under applicable energy conservation code and include daylight controls near windows and vacancy or occupancy sensors for at least 75% of the connected load.

f. Multi-occupant spaces should have individual, dimmable lighting controls, including conference rooms and flex space programs.

g. Daylighting is an important element. Interior walls are composed of large areas of glass to enable daylight to penetrate into the building core.

h. The lighting systems will need to be well balanced in order to respond to the goals of including high levels of daylight to ensure that spaces feel inviting and comfortable and to meet the needs of occupants.

Emergency/night lighting will be provided by unswitched branch circuits. These unswitched branch circuits will be fed from an emergency lighting panel. Emergency lighting shall be provided throughout the building and will include:

a. Emergency egress paths, in public rooms, exhibit processing and storage areas.

b. Exit signs and emergency egress lighting throughout the facility to illuminate egress corridors, stairwells, lobbies, etc.

c. Base design intent is that egress lighting circuits will be constant “on” with no toggle switch control.

d. Exit and egress lighting circuits will originate from emergency system branch panels.

e. Emergency lighting circuits shall be connected to the on-site emergency generator power system

ILLUMINANCE LEVELS DESIGN CRITERIA

Space	Average Maintained Footcandles
Office	35-45
Laboratory, Support, Technical Area	50-60
Laboratory Bench and Tabletop	80-100
Animal holding rooms	30-40
Conference	40-60
Corridor	10-25
Lobby	10-25
Toilets	10-25
Storage	10-30
Smal Task	40 -60
Normal Task	35-45
Open Parking	1-5
Covered Parking	1-5
Exterior Lighting	1-2

EQUIPMENT AND COMPONENTS

Space	Fixture Type
Laboratory and Laboratory Support	Dimmable, independently switchable direct/indirect stable illumination (flicker-free) LED fixtures with glare control and the ability to switch between wavelengths and provide a specific light spectrum based on research lab requirements. Additionally, antimicrobial coatings and paints as well as seal fixture types, shall be considered. Chemical, corrosive, wet environment listing shall be considered for the lab where such an environment may be present.

Animal Research Lab, holding area	Light to be dimmable LED type with a flicker free driver allowing for white as well as separate Red Vivarium Lighting and associated switching to provide specific spectrum of light, 630nm, which maintains sleep cycles for nocturnal animals. To prioritize animal welfare, the lighting control system will feature dimming capabilities down to 1% of full brightness. This allows for precise, day-to-day adjustments to accommodate the specific needs of the research subjects.
Office	Dimmable recessed or pendant fixtures with glare control
Common Area	Premium quality architectural LED lighting
Lecture hall	Premium quality architectural LED lighting to be provided with a continues dimming driver to 1%
Circulation	Ceiling or wall mounted dimmable fixture
Building Support	BOH type surface- or pendant-mounted, industrial LED fixture
Cold Rooms	Rated for intended applications
Washrooms and Wet Areas	UL Listed for a wet location
Exterior light	All exit doors to be equipped with an exterior fixture providing min 10fc to the exit door threshold. All other exterior lighting, light poles, and bollards must comply with the UIC standard.

EXIT signs will be code approved LED type, located in all paths of egress.

LED boards and Drivers

In general, LED drivers provide stable flicker free dimming to 1% and the general lighting to be 3500K color temperature, with a color rendering index of 85 for general illumination and 95+ for Lab environment.

Lighting Control

Interior lighting control systems shall comply with applicable energy conservation code and shall consist of occupancy sensors, daylight sensors, switches and user interfaces, load and level controllers, output relays, interconnecting wiring, and associated accessories. The lighting control system shall be totally programmable via software interface (NO DIP switches or any other manual means of configuration).

Occupancy sensors will be passive infrared or a combination infrared/ultrasonic type. Lighting controls systems shall be provided as follows: Acuity Brands, Lutron Athena, Watt Stopper to comply with UIC standards. Site lighting systems shall integrate into existing Lenel site lighting controls, to the extent required.

Dimmers will be provided for all areas and areas. Where no wall mounted dimer is provided, program light level shall be considered as a dimming substitution to allow for the proper light level adjustment during programming (high end trim) All corridor lighting will be controlled by a combination of the time clock and OS sensors.

The system will be software based and will provide flexible control of automatic and manual on/off, recording, and reporting functions. System must have the ability to be interconnected with the BAS and report the occupancy regardless of the light level status (ON/OFF).

Distribution

In general, LED lighting in all spaces will be 277V for fixtures installed greater than 8’-0” above finished floor and 120V for fixtures installed less than 8’-0” above finished floor. All lighting control wiring will be low voltage (CAT 5e) and installed within conduit. All lighting circuit wiring will be in conduit and routed concealed within walls, partitions, or ceiling spaces. Surface-mounted conduits will be minimized and used only in non-finished spaces.

Light fixtures deemed necessary for critical operation will be provided with emergency power as needed.

The ampacity of lighting circuits will be sized for 25% future growth plus 125% continuous loading factor per the National Electric Code.

FIRE ALARM SYSTEM

System Description

The fire alarm system will be a stand-alone, fully addressable system comprised of smoke detectors, heat detectors, duct detectors, manual pull stations, and speaker/visual signaling devices. The current fire alarm system is Honeywell-Notifier. This system will meet UIC building standards and will require a sole source document completed.

Design Criteria

The fire alarm system will comply with requirements of NFPA 72 for a protected premises signaling system except as modified and supplemented by this document.

a. The fire alarm system shall comply with the authorities having jurisdiction.

b. A main fire alarm control panel will be located within the main electrical room.

c. A fire alarm Annunciator/Command Center panel will be mounted at the main building entrance.

d. Notification devices will be installed in all areas of the building in accordance with the NFPA and the ADA Guidelines.

e. Smoke detectors shall be installed as required by the National Fire Protection Association, Internation Building Code and International Fire Protection Code. Smoke detectors will be installed in, but not limited to, the following locations: air handling units, elevator lobbies, elevator machine rooms, and electrical equipment rooms.

f. Heat detectors will be installed in areas that are not feasible for smoke detectors.

g. Manual Pull Stations will be installed adjacent to all exit doors and in each elevator lobby.

h. The fire alarm system will be interconnected with the existing campus fire alarm loop, but it will not be linked with the existing College of Pharmacy Building.

i. The fire alarm system will be interfaced with the University's existing fire alarm control/monitoring loop.

j. A first responder communications booster system shall be installed to provide emergency radio coverage for both the UIC PD and CFD.

k. If no sprinklers are installed in the hoistway a smoke detector shall be installed at the top, along with a hatch through the hoistway to provide access to the smoke detector for testing and maintenance.

l. The elevator annunciator shall be located near the elevator lobby on the first floor as required by Chicago Fire Department (CFD).

m. The atrium area shall be provided with smoke detection, a VESDA system or beam detection for this area, to allow for easy maintenance.

n. The fire command area shall be equipped with an elevator key box: model FKBC, lock model L02KB004, key model K01KB002.

o. All fire alarm components shall include addressable field devices, and multiplexed, programmable, operator interface panels.

p. Fire Command Center shall include fire alarm annunciator panel, one-way voice and two-way voice panels, elevator status panel, air handling status panel, emergency system status panel, fire pump and fire protection device status panel, stair door unlocking controls, detailed fire alarm drawings and zone map, etc. as required by the authority having jurisdiction. The fire alarm, generator annunciator, area of rescue assistance communication system, and elevator communication system controls shall be located with clear site lines from the main entrance, all related public safety controls shall be located at the same place. It can be inside a cabinet with glass doors that are tinted or smoked.

q. Notifier shall be the only approved fire alarm system manufacturer for this building.

r. The fire alarm system shall include an Elevator Communication System Panel located at the building Fire Command Center, in accordance with the latest IBC and NFPA 72 requirements. This panel provides direct communication between elevators and emergency personnel and is now standard for all new UIC buildings. Coordinate equipment selection with UIC IT (Greg, Technology Solutions) to ensure consistency with the model used in recent Buildings.

Equipment and Material

The fire alarm system will be an electronically multiplexed voice communication system. The messages shall be approved by the UIC Fire Marshal, the message does include a temporal three low frequency tone.

Remote transponder and power supply panels will be used to provide supervised amplifiers and signal circuits for notification devices and magnetic door holders.

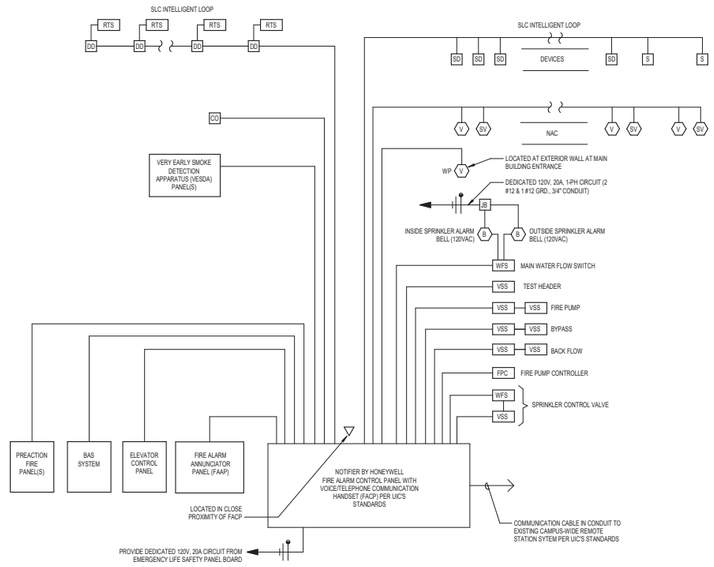
The system will utilize individual, addressable photoelectric smoke detectors; heat detectors; addressable manual pull stations; and addressable monitor and control modules. The system will monitor all sprinkler supervisory and water flow switches and will interface with elevators, HVAC smoke control, and smoke fire dampers.

Distribution

All initiating and signaling devices will operate at 24VDC and will be installed in accordance with manufacturer's specifications.

All wiring will be installed in conduit. Minimum conduit size will be 3/4” and factory painted RED.

This page is intentionally left blank.



2 **FIRE ALARM RISER DIAGRAM - UIC DDCRP BUILDING**
NTS

FIRE ALARM SYSTEM GENERAL NOTES:

1. ALL FIRE ALARM SYSTEMS (INITIATING, DETECTION, NOTIFICATION, RELAY MODULES, ETC..) SHALL BE CLASS "A" WIRING.

2. ALL DEVICES AND EQUIPMENT SHOWN ON PLAN ARE FOR GENERAL LOCATION ONLY AND DO NOT NECESSARILY DEPICT ACTUAL LOCATION. FINAL LOCATION AND PLACEMENT OF DEVICES AND EQUIPMENT SHALL BE FULLY COORDINATED WITH ARCHITECT AND ALL TRADES AND LOCAL FIRE MARSHALL. REFER TO ARCH. DWGS FOR AESTHETIC INTENT.

3. ALL SIGNALING LINE CIRCUITS (SLCv) SHALL BE CLASS "A" WIRING METHOD. THESE CIRCUITS SHALL BE 2/C #16 AWG IN 3/4" CONDUIT UNLESS OTHERWISE NOTED.

4. ALL NOTIFICATION DEVICE/APPLIANCE CIRCUITS (NAC's) SHALL BE CLASS "A" WIRING METHOD. CONNECT THESE DEVICES WITH 2/C #16 AWG IN 3/4" CONDUIT UNLESS OTHERWISE NOTED.

5. ALL INITIATING DEVICE CIRCUITS (IDC's) SHALL BE CLASS "A" WIRING METHOD. CONNECT THESE DEVICES WITH 2/C #16 AWG IN 3/4" CONDUIT UNLESS OTHERWISE NOTED.

6. FIRE ALARM SYSTEM INSTALLATION SHALL BE IN STRICT CONFORMANCE WITH THE **UIC STANDARDS** AND NFPA 72.

7. INSTALLATION MATERIALS (I.E. CONDUIT, WIRE, FITTINGS, HANGERS, AND STANDARD BOXES) SHALL BE PROVIDED BY ELECTRICAL CONTRACTOR.

8. ALL HORN/STROBE AND STROBE DEVICES SHALL BE MOUNTED AT A HEIGHT OF 80" A.F.F. OR 6" BELOW DROPPED CEILING, WHICHEVER IS LESS IN ACCORDANCE WITH ADA (AMERICANS WITH DISABILITIES ACT). REFER TO ARCH. DWGS FOR LOCATIONS.

9. ALL MANUAL PULL STATIONS SHALL BE MOUNTED 48" A.F.F. TO CENTER OF DEVICE. REFER TO ARCH. DWGS FOR LOCATIONS.

10. FIRE ALARM CONTROL PANEL SHALL BE MOUNTED 6' TO THE TOP OF PANEL A.F.F. REFER TO ARCH. DWGS FOR LOCATIONS.

11. ALL FIRE ALARM SYSTEM CONDUITS SHALL BE FACTORY PAINTED RED AND SHALL BE NOT LESS THAN 3/4" EMT UNLESS OTHERWISE NOTED.

12. FIRE ALARM CONTROL PANEL SHALL BE CAPABLE OF MONITORING ALL DETECTION, INITIATION, NOTIFICATION AND CARBON MONOXIDE DEVICES.

13. ALL FIRE ALARM SYSTEM WIRING SHALL BE IN CONDUIT.

14. MOUNT ALL HVAC DUCT MOUNTED SMOKE DETECTORS WITHIN THE MAIN HEADER DUCT INSIDE THE BUILDING. DUCT DETECTORS MOUNTED ON THE EXTERIOR SIDE OF THE BUILDING SHALL NOT BE ACCEPTABLE.

15. ALL SECURED DOORS AT STAIRWELLS EQUIPPED WITH ELECTRIC DOOR STRIKES SHALL UNLOCK UPON ACTIVATION OF FIRE ALARM SYSTEM. WHERE APPLICABLE, PROVIDE SIGNAL WIRING IN CONDUIT AND ASSOCIATED HARDWARE, SOFTWARE, MODULES AND PROGRAMMING AS REQUIRED.

16. MAIN WATER FLOW SWITCH SHALL ACTIVATE ALARM BELLS.

17. PROVIDE FIRE ALARM MAPS COMPLETE WITH DEVICE ADDRESS TO EACH FIRE ALARM CONTROL PANEL AND FIRE ALARM ANNUNCIATOR PANEL LOCATION.

18. CONTRACTOR SHALL REFERENCE THE FIRE PROTECTION DRAWINGS INCLUDING FIRE PROTECTION SYSTEM SHOP DRAWINGS FOR EXACT QUANTITIES AND LOCATIONS OF ALL WATER FLOW SWITCHES AND TAMPER SWITCHES.

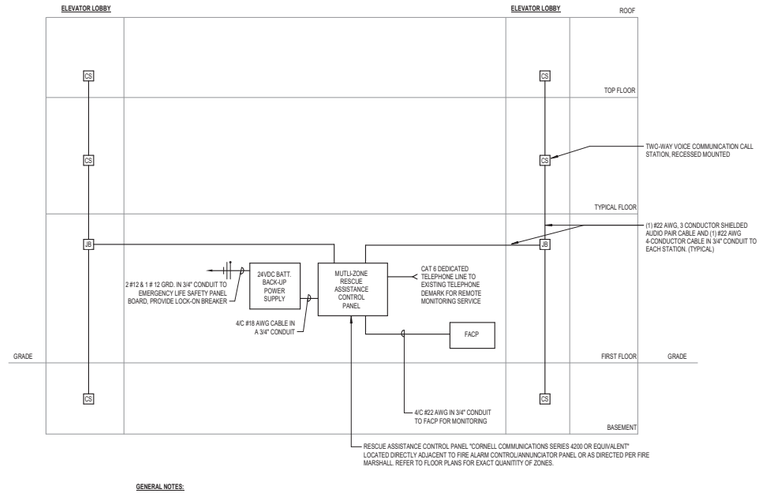
19. FIRE ALARM SYSTEM SHALL BE AN EMERGENCY VOICE/ALARM COMMUNICATION SYSTEM WITH THE CAPABILITY TO BROADCAST LIVE VOICE MESSAGES. PROVIDE AN INTERFACE BETWEEN THIS SYSTEM AND THE PENN OUTDOOR SIREN SYSTEM WHICH WILL ALLOW A VOICE INTELLIGIBLE MESSAGE TO BE TRANSMITTED FROM PENNCOMM INTO THE BUILDING.

20. PROVIDE A DIRECT FIBER OPTIC CONNECTION FOR INTERFACE TO THE RING OF FIBER FIRE ALARM NETWORK UPGRADE PROJECT.

21. ALL DUCT SMOKE DETECTORS SHALL BE PROGRAMMED TO TRANSMIT A SUPERVISORY SIGNAL AND WILL NOT INITIATE AN EVACUATION OF THE BUILDING.

22. THE CONTRACTOR SHALL PERFORM AN ACCEPTANCE TEST ON THE NEW FIRE ALARM SYSTEM PRIOR TO PLACING IT INTO SERVICE. PROVIDE ADVANCED NOTICE (TWO WEEKS MINIMUM) TO FES TO PERMIT WITNESSING OF THIS TEST.

23. PROVIDE THE FOLLOWING SIGNAGE AT EACH FIRE ALARM SYSTEM MANUAL PULL STATION AS FOLLOWS: "IN CASE OF FIRE SOUND ALARM AND CALL FIRE DEPARTMENT".



GENERAL NOTES:

1. PROVIDE RESCUE ASSISTANCE COMMUNICATIONS SYSTEM AS PER AMERICANS WITH DISABILITIES ACT.

1 **AREA OF RESCUE ASSISTANCE SYSTEM RISER DIAGRAM - UIC DDCRP BUILDING**
NTS

DRAWING NAME:
FIRE ALARM RISER SCHEMATIC DIAGRAMS

SCALE:

E.421

ELECTRICAL STUDIES

Short circuit, protective device coordination and arc flash studies are required to be submitted with electrical distribution submittals and prior to approval. Submittals will not be approved without them.

Overcurrent Protective Device Coordination

Overcurrent protective devices supporting Emergency NEC Article 700 (typically exit and egress lighting), Legally Required NEC Article 701 and NEC Article 695 (fire pump) systems will be selectively coordinated from source of supply (normal and emergency) through final device. Selectivity will be through the entire instantaneous region including ground fault as indicated in table below.

Overcurrent protective devices supporting normal power systems and NEC 702 systems will be selectively coordinated with supply side overcurrent protection to the greatest extent possible given the material capabilities of breaker types selected with the exception of the instantaneous regional devices in keeping with industry practice.

Overcurrent protective devices will be selectively coordinated with supply side overcurrent protective devices as follows:

System	Seconds
Emergency System (NEC 700)	0.01
Legally Required System (NEC 701)	0.01
Optional Standby System (NEC 702)	0.10
Fire Pump	0.01
Elevators	0.01
Normal Power System	0.10

Arc Flash

Power system be designed and equipment specified such that arc energy reduction systems required by NEC 240.87 for OCPD 1200A and greater be capable of being used to calculate reduced incident energy at point of use, e.g. main breaker for switchboard needs to be separate/ protected from event in distribution sections, otherwise upstream device must be used to calculate incident energy.

The electrical distribution system will be configured to allow equipment to be worked on energized using reasonable PPE (category 3 or less). Arc flash calculations for Arc Flash Incident Energy (AFIE) levels and flash protection boundary distances will be by the Design Build Team based on the actual equipment supplied using an independent Registered Profession Engineer in the State of Illinois using SKM System Analysis tools.

Fault Current Ratings

The preliminary available fault current will be determined by the design of the project and will be verified by 3rd party calculations provided in contractor submittals.

Equipment will have ratings not less than the calculated symmetrical short circuit value at each point in the distribution system. Mechanical equipment and elevators to be rated for available short circuit current and/or design should aim to limit short circuit current to typically available Short Circuit Current Ratings (SCCR) of mechanical equipment and elevators.

Equipment will be fully rated for the calculated available short circuit. Series ratings will not be allowed.

Short Circuit Ratings	
208Y/120V	**480Y/277V**
10 kAIC where fed via 75kVA and smaller transformers	14 kAIC where fed via 300 kVA and smaller transformers
22 KAIC where fed via 112.5 kVA transformer	30 kAIC where fed via 500 kVA transformer
22 KAIC where fed via 150 kVA transformer	35 kAIC where fed via 750 kVA transformer
42 KAIC where fed via 225 kVA transformer	42 kAIC where fed via 1000 kVA transformer
42 KAIC where fed via 300 kVA transformer	65 kAIC where fed via 1500 kVA transformer
65 KAIC where fed via 500 kVA transformer	100 kAIC where fed via 2000 kVA transformer
-	100 kAIC where fed via 2500 kVA transformer

ELECTRICAL SYSTEM STANDARDS

Feeder And Branch Circuits

Secondary distribution and branch circuit system design will be based on a maximum of 5% voltage drop from the transformer to the utilization equipment

Based on the harmonic analysis, k-rated transformers with neutral conductors derived will be capable of carrying 200% of normal phase current from transformer to first distribution panelboard will be provided. Neutral conductors from distribution panelboard to downstream panelboard or devices will not be increased in size or harmonic mitigating transformers will be provided.

Feeder and branch circuit sizes will be based on the load supplied and adjusted for voltage drop.

Feeder and branch circuit ampacity will not be smaller than the upstream overcurrent device or downstream equipment bus.

Circuit Voltage Length	Wire Size
480Y/277 volt circuits over 150’ in length	Increase wire size one size for each 150’ of length
208Y/120 volt circuits over 60’ in length	Increase wire size one size for each 60’ of length

Receptacles

All receptacles will be labeled with panel source and circuit information.

Receptacles in offices, general support rooms and similar locations, (depending upon room layout) will be provided with a minimum of (4) outlets total or (1) outlet on each wall. Enclosed offices will be provided with a double duplex receptacle at desk location.

Common areas will be provided with at least (1) duplex receptacle per wall. Typically, receptacles to be spaced on 12’ centers.

Conference rooms will be provided with code required receptacle devices including floor boxes or poke-thru devices under each conference table.

Building Support (Equipment rooms, storage rooms) will be provided with (1) duplex receptacle per wall or (1) per every 150 square feet, whichever is greater.

Duplex receptacles in office areas, lounges, lobbies, etc., shall be circuited with a maximum of (6) duplex receptacles per 20A, single pole circuit.

Receptacles designated to serve desktop computer loads shall be circuited with a maximum of (3) duplex receptacles per 20A, single pole circuit.

Each workstation to receive minimum of 4 receptacles that will be circuited with maximum of (4) receptacles per 20A, single pole circuit.

Receptacles along laboratory benches shall be circuited with a maximum of (4) duplex receptacles per 20A, single pole circuit. Receptacles will be provided spaced at 2’-0” O.C. at lab benches. Circuits shall be confined to one side of the bench to allow for flexibility if lab is divided or enlarged in the future.

Equipment such as refrigerators or freezers shall be connected to dedicated

circuits. Alcoves will be provided with a minimum of two dedicated duplex receptacles. Linear equipment rooms will be provided with a minimum of 3 duplex receptacles, and (5) 208V/20A/1PH NEMA 2-20R or NEMA Types as required based on equipment specified.

Each fume hood to be provided with a minimum of (2) 20A single pole circuits.

Ground fault protection will be provided for outlets within 6’ of a sink edge and other wet locations. Electrical outlets will be individually ground fault interrupted (GFCI) protected (not at the circuit breaker or first outlet on the circuit)

One GFCI protected duplex outlet will be provided in corridors on 75’ centers for cleaning equipment. Each receptacle to be individually protected by a 20A breaker and labeled as “CLEANING”.

Ceiling service panels will be installed in the open laboratories, be inset into ceiling grid and will have twist-lock outlets for 120V and 208V service as required to support the laboratory. Each circuit will have a dedicated neutral. Shared neutrals will not be allowed. 208V outlets will not be used to provide two 120V circuits to the lab bench.

Receptacles to be automatically controlled vis automatic lighting sensor controls located within each room/space/area in accordance with energy code.

Conduit and Raceway

Conduit Types and Application	
Conduit Type	**Application**
Electrical Metallic Tubing (EMT)	Low voltage feeders and branch circuit wiring where installed within interior walls and/or above lay-in or exposed ceilings.
Galvanized Rigid Steel (GRS)	Low voltage feeders and branch circuit wiring where exposed below 6’-6” AFF. Exterior locations, Under slab, Areas subject to physical abuse, concrete encased duct bank sweeps greater than 45 degrees
Intermediate Metal Conduit (IMC)	Low voltage feeders and branch circuit wiring where exposed below 6’-6” AFF.
EB-35 Heavy Wall PVC	Concrete encased duct banks

Conduit will be run concealed, unless installed in mechanical, electrical, telecom, interstitial areas and other similar unfinished spaces.

Minimum conduit size for power circuits will be 3/4”. Conduits will be independently supported.

All conduit stub-ups from below floor or in floor (where specifically allowed) will be galvanized rigid steel.

Surface mounted conduits below 6’-6” will be rigid galvanized steel with threaded fittings and boxes will be cast steel.

EMT fittings will be compression type with steel body.

Conduits may be installed below floor slabs on grade, encased in concrete, for incoming electrical utility service.

Conduits and boxes will be installed at a minimum of 1’ and a maximum of 3’ above ceilings. Installation outside of this zone will not be allowed. Special permission may be obtained to run ceiling conduits outside of this zone providing that pull and junction boxes are unobstructed and accessible from floor using a standard 8-foot

ladder. Also, light fixtures, smoke detectors, junction and pull boxes and other equipment that is installed on or directly above the ceiling will be serviced and maintained without damage to ceiling tiles and other building elements.

Raceways for 2-hour rated systems shall be installed in either: UL listed assemblies for 2 hour fire rated applications or in 2-hour rated enclosures.

For lighting conduit homeruns, a junction box will be located above light fixture in an accessible location to allow for future expansion.

No home run will be terminated in a wall mounted device box. A separate junction box will be provided above device box above ceiling in an accessible location.

Wire and Cable

Cable Types		
Voltage Class	**Insulation**	**Notes**
15 kV	EPR , 105 C	133% rated, wire shield, MV-105, UL approved for use at 105°C for continuous operation, 140°C for emergency overload conditions, and 250°C for short-circuit conditions.
600 V	THWN-2 or XHHW-2	Conductors #10 and smaller will be solid copper. Conductors larger than #10 will be stranded copper

All feeder conductors to be 98% conductivity copper.

All branch wiring conductors will be 98% conductivity copper. Minimum wire size #12 AWG, for all areas

Multi-wire branch circuits will be provided with dedicated neutral conductors for each phase; common neutral circuits will not be permitted.

Feeder conductors will be terminated using compression lugs. Mechanical lugs will not be used for feeders. Branch circuit conductors will typically be terminated using mechanical lugs.

Conductor insulation color code will be as follows:

Conductor Color Code	
208Y/120V	**480Y/277V**
Phase A – Black	Phase A – Brown
Phase B – Red	Phase B – Orange
Phase C – Blue	Phase C – Yellow
Neutral – White	Neutral – Gray
Ground – Green	Ground – Green

Wiring Devices

Wiring devices will be specification grade, complete with all accessories.

Isolated ground receptacles will be used only when necessary. If used, isolated grounds will be in addition to equipment ground. Panelboard will have an isolated ground bus that will be connected back to applicable derived system or service.

Receptacle and Switch Color Code	
Normal Power	White
Emergency Power	Red

Receptacles, switches, etc., will have faceplates with labeling indicating system panel and circuit identification.

Motors and Motor Control

Stand-alone motor disconnects (separate from starter or VFD) will be fused and will be installed at each motor.

Motors smaller than 60 HP that are not provided with a variable frequency drive (VFD) will be provided with an across the line combination magnetic motor starter. Motors 60 HP and larger that are not provided with a variable frequency drive (VFD) will be provided with reduced voltage motor starter. Refer to other sections of the narrative for VFD requirements.

Combination motor starters will use circuit breakers or motor circuit protectors in

lieu of fuses to reduce the possibility of single phasing. For mechanical and HVAC equipment that are not provided with a VFD, individual combination motor starters will be located within sight of the motor.

Selected motors will have variable frequency drives (VFDs) as described in other sections of this narrative.

VFD drive specifications will require that the VFDs for the project be provided such that the Special Category harmonic limits recommended in IEEE 519-2022 be maintained. The supplier of the drive will be required to perform harmonic analysis as defined in IEEE 519- 2022 and employ as a minimum 6 pulse VFD to meet the 5% Total Demand Distortion (TDD) which requires 3% to 5% equivalent impedance for the Point of Common Coupling (PCC) employing a combination of line reactors and/or DC bus chokes to achieve the equivalent impedance.

Prohibited Materials and Construction Practices

The entire Emergency/Standby power distribution system will consist of conduit and wire. Busway will not be used in any portion of this system.

Use of wood strips and wood screws to support lighting fixtures. Extra-flexible non-

labeled conduit.

Conduit installation in concrete slabs.

Conduit less than 3/4” diameter will not be used except for switch legs, fixture whips and door controls.

Use of wire ties to support conduit.

Suspension systems for conduits, fixtures, etc. connected to other utility equipment is prohibited. Any suspension system with multiple levels must be hung from trapeze suspension systems.

Use of Incompatible Materials: Aluminum fittings and boxes will not be used with steel conduit. All materials in a raceway system will be compatible.

Direct burial electrical cable.

Power Distribution Acceptance Testing

An independent testing firm will be employed by the Design Build Contractor to assure all electrical equipment, both contractor and Owner supplied, is operational and within industry and manufacturer’s tolerances and is installed in accordance with design specifications.

Testing firm will be a corporate and financially independent testing organization that can function as an unbiased testing authority, professionally independent of the manufacturer, supplier, and installers of equipment or system evaluated by the testing firm. The testing firm’s on-site technical person will be currently certified by the International Electrical Testing Association in electrical power distribution system testing. Items to be tested and inspected are as follows (See Power Distribution Acceptance Tests Section 26 08 12):

Acceptance Tests
600V Conductors and Cables
Automatic Transfer Switches
Distribution Panelboards
Dry Type Transformers (Large)
Dry Type Transformers (Small)
Electrical Metering
Enclosed Circuit Breakers
Engine Generators
Ground Fault Protection Systems
Grounding Systems
Instrument Transformers
Lighting and Appliance Panelboards
Lightning Protection System
Low-Voltage Disconnect Switches
Low-Voltage Insulated-Case/Molded-Case Circuit Breakers
Low-Voltage Power Circuit Breakers

Acceptance Tests
Low-Voltage Switchgear
Medium Voltage Cables
Medium Voltage Metal Enclosed Air Switches
Medium Voltage Surge Arresters
Medium-Voltage Air Circuit Breakers
Medium-Voltage Vacuum Circuit Breakers
Metal Enclosed Busway
Motor Control and Motor Control Centers
Network protectors (600 V class)
Power Distribution Units
Protective Relays
Static and Flywheel Uninterruptable Power Supply Systems
Surge Protective Devices
Switchboards
Thermographic Survey
Uninterruptible Power Systems

This following list establishes the baseline for acceptable equipment manufacturers for the Drug Discovery & Cancer Research Pavilion (DDCRP). Manufacturers listed herein have been verified for performance, maintainability, and compatibility with UIC standards.

Alternate manufacturers must be reviewed and approved by CDB and UIC PSPM prior to submittal acceptance.

Acceptable Manufacturers -Table

Alignment with UIC Building Standards. Any equipment not listed shall be referred to the campus building standards. Equipment with a single manufacturer will be sole-sourced by UIC through the CDB process.

Acceptable Manufacturers	
Medium Voltage Distribution Equipment	ABB, Square D
Medium Voltage Transformers	ABB, Square D
Low Voltage Distribution Equipment	Square D, ABB, Switchboard Apparatus Incorporated
Generators	Caterpillar, Cummins, Kohler
Automatic Transfer Switches	ASCO (Basis of Design, ABB
UPSs	Eaton Powerware, APC, Mitsubishi, Liebert
Meters	Shark 250 V2 series, Square D PM5000 series with integrated display, Nexus 1500 Series
Lighting Controls	Lutron Athena, Acuity Brands, Wattstopper, Lutron Quantum for building interior. Site lighting controlled via Lenel access control system.
Fire Alarm System	Notifier by Honeywell
Wiring Devices	Cooper, Hubbell, Leviton, Pass & Seymour/Legrand
Surface Raceway	Wiremold, Mono-Systems, Post Glover, Square D
Busway	Cutler Hammer, Square D, GE, Siemens
Lighting	Lutron Athena, Acuity, Wattstopper
Surge Protective Devices	Thomas and Betts Division of ABB, Current Technology, Smiths Power, Transtector/LEA International, Liebert Division of Emerson Network Power
Variable Frequency Motor Controllers	ABB (Basis of Design), Danfoss

General Requirements

1. Equipment from listed manufacturers shall be standard production models, not prototypes.
2. Substitutions must include performance data, maintenance documentation, and proof of BAS compatibility.
3. All equipment shall comply with UIC Building Standards and BAS Integration Guidelines.
4. Final acceptance of alternatives is at the discretion of CDB & UIC PSPM and may require testing.
5. Maintain consistency across campus for parts and service.

This page is intentionally left blank.

8.6 TECHNOLOGY SYSTEMS

APPLICABLE CODES & STANDARDS

- International Building Code (IBC) – 2024 Edition (excluding Chapter 11; compliance with Illinois Accessibility Code (IAC) – 2018 Edition.
- International Existing Building Code (IEBC) – 2024
- International Fire Code (IFC) – 2024 Edition
- National Electrical Code NFPA 70 – NEC Current Edition
- Municipal Code of Chicago Relating to Electrical Inspection (City of Chicago Electrical Code)
- Illinois Elevator Safety and Regulation Act - ASME A17.1 2019
- Illinois Accessibility Code 2018 – IAC
- Office of the State Fire Marshal Administrative Rules
- City of Chicago Building code sections – Connections to City of Chicago utilities
- BICSI Telecommunications Distribution Methods Manual
    1. Telecommunications Distribution Methods Manual (TDMM)
    2. Customer-Owned Outside Plant (CO-OSP) Design Reference Manual
    3. Information Transport Systems Installation Method Manual (ITSIMM)
- American National Standards Institute/Telecommunications (ANSI)
    1. ANSI/TIA 526 Optical Fiber Systems Test Procedures
    2. ANSI/TIA/EIA–568-B: Commercial Building Telecommunications Cabling Standard
    3. ANSI/TIA/EIA–568-B.3: Commercial Building Telecommunication Cabling Standard, Part 3: “Optical Fiber Cabling Components Standard”
    4. ANSI/TIA/EIA-568-C Series of standards and Addendums
    5. ANSI/TIA/EIA–569-E: Commercial Building Standard for Telecommunications Pathways and Spaces
    6. ANSI/EIA/TIA-570-D Residential and Light Commercial Telecommunications Wiring Standard
    7. ANSI/EIA/TIA-598-D1 & D2- Optical Fiber Cable Color Coding.
    8. ANSI/TIA-606-D – Administration Standard for Telecommunications Infrastructure of Commercial Buildings
    9. ANSI/TIA/EIA-607-D Commercial Building Grounding and Bonding Requirements for Telecommunications.
    10. ANSI/TIA/EIA-758-B Customer-Owned Outside Plant Telecommunications Cabling Standard.
    11. ANSI/TIA 942-B Telecommunications Infrastructure Standard for Data Centers
- Industry Association/ Electronics Industries Alliance
- Institute of Electrical and Electronics Engineers (IEEE)
    1. IEEE 802 Standards
    2. IEEE 802.3af: Power over Ethernet (POE) Standard
    3. IEEE 802.3at: Power over Ethernet+ (POE+) Standard
    4. IEEE 802.11: Wireless Standard
    5. IEEE Standards: 1100-1992: Powering and Grounding Sensitive Electronic Equipment
- ISO/IEC 11801: Generic Cabling for Customer Premises
- Underwriters' Laboratories
- UIC Telecommunications Standards Manual, latest version

TECHNOLOGY SYSTEMS - OVERVIEW

This section used in conjunction with each separate sub-section is intended to provide the design requirements, administration topics, installation requirements and general information that pertains to the technology infrastructure and systems serving the University of Illinois (UIC) Drug Discovery and Cancer Research Pavilion (DDCRP). The objective is to provide a complete and certified Information Transport System (ITS) including, but not limited to fiber and copper backbone, riser system, horizontal data, and voice cabling with associated terminations, mounting equipment, cable pathway and management systems, testing, and other items/materials, as stated in this section.

The ICT Information Transport System serving the building will consist of a new converged structured cabling system serving networks for the building. The structured cabling system will include a highly flexible, expandable, and robust

structured cabling design to support high speed, high bandwidth voice, data, and video systems per BICSI and ANSI/EIA/TIA standards within the front-of-house, back-of-house, common and public areas of the entire building. This includes adequate space planning, security, cooling, and high-quality structured cabling system. These components shall provide the foundation to support the building IT needs well into the future. The structured cabling system shall be provided as a certified cabling system. The manufacturer(s) of the cable and termination components shall qualify and warranty the performance of the entire system.

The converged IP-based network and structured IT infrastructure needs to:

1. Provide an “intelligent” transport facility that is effective in increasing building performance, functionality, and environmental sustainability.
2. Allow integration, automation, and optimization of all communications systems and equipment that provide services to the building and the occupants, as well as remote monitoring and control of all building systems transported over the network.
3. Maximize the efficiency of its occupants and allows effective resource management with minimum building life cycle costs.
4. Be responsive to user needs and have ability to adapt, integrate and enhance new technology.

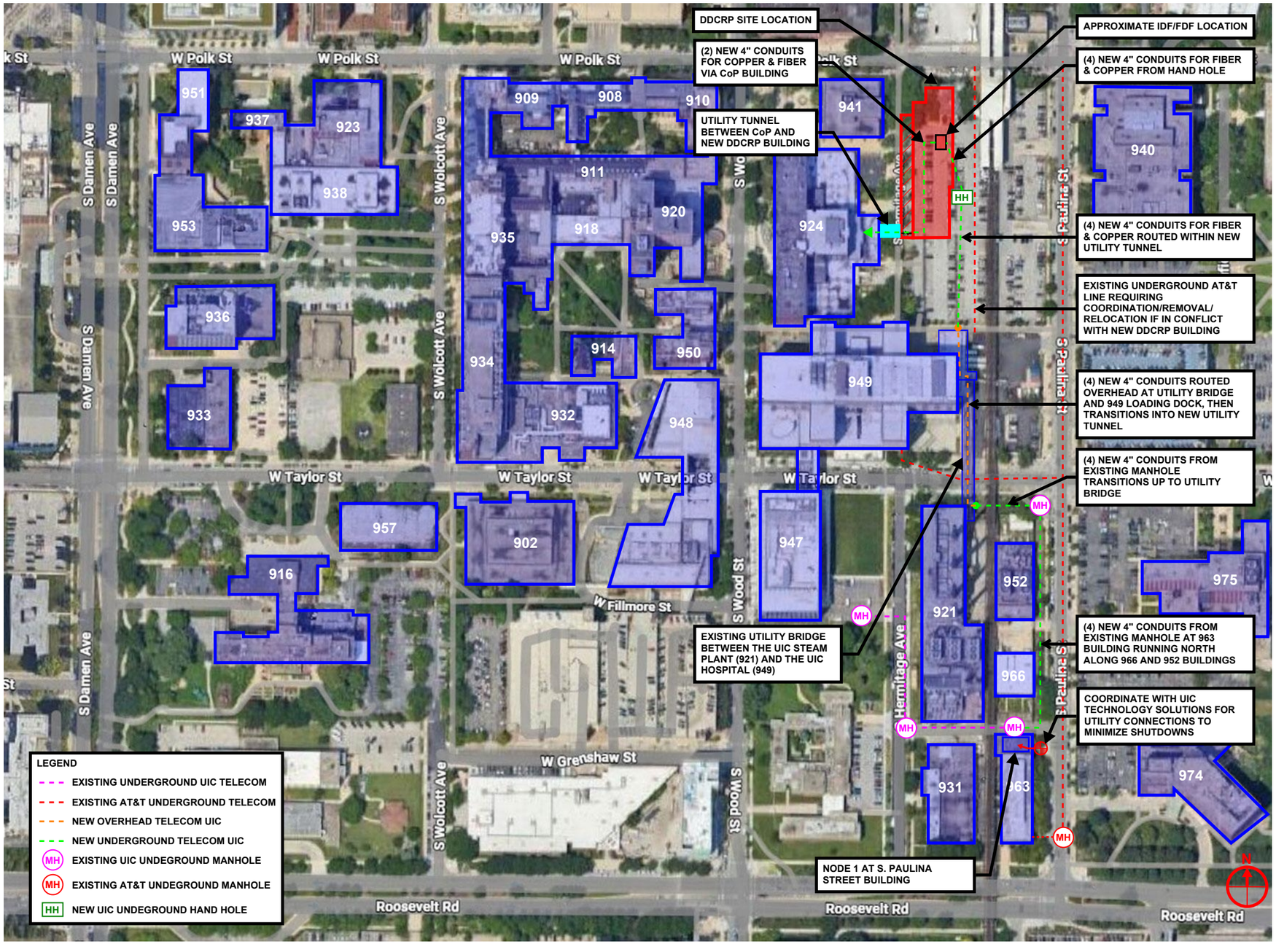
The following building utility systems are anticipated to be accommodated by the facility’s converged IP network:

1. Standard data traffic for computer workstations
2. Internet/Web access
3. IP telephony – Facility wide telephony system
4. WLAN Communications per IEEE 802.11ax (Wi-Fi)
5. Network management and network control related traffic
6. Security and Access Control Systems (monitoring and control)
7. Security Cameras / Surveillance (CCTV)
8. Building Automation Systems
9. Lighting Control Systems
10. Digital Signage System (controls and content)
11. Video and Streaming Media
12. Two-way Voice/Video Elevator Emergency Communications System

BASE DESIGN CRITERIA

Campus Utility Services

The campus utility network is a combination of multi-pair copper cabling and independent fiber optic distribution system that links the various campus buildings together to provide a high speed/high bandwidth data service for its users. Nodes serve as the main distribution hubs throughout the campus connecting campus buildings via copper and fiber optic backbone cabling. Nodes are served with voice, broadband and CATV connections from incoming telecommunications utility providers. Each campus building has an Intermediate Distribution Frame (IDF). The building IDF connects to Floor Distribution Frames (FDF) on each floor which serves horizontal cabling to information outlets. Network supported services are distributed over fiber optic cabling from campus Data Centers to each building IDF and FDF.


DDCRP SITE LOCATION
(2) NEW 4" CONDUITS FOR COPPER & FIBER VIA CoP BUILDING
UTILITY TUNNEL BETWEEN CoP AND NEW DDCRP BUILDING
APPROXIMATE IDF/FDF LOCATION
(4) NEW 4" CONDUITS FOR FIBER & COPPER FROM HAND HOLE
(4) NEW 4" CONDUITS FOR FIBER & COPPER ROUTED WITHIN NEW UTILITY TUNNEL
EXISTING UNDERGROUND AT&T LINE REQUIRING COORDINATION/REMOVAL/ RELOCATION IF IN CONFLICT WITH NEW DDCRP BUILDING
(4) NEW 4" CONDUITS ROUTED OVERHEAD AT UTILITY BRIDGE AND 949 LOADING DOCK, THEN TRANSITIONS INTO NEW UTILITY TUNNEL
(4) NEW 4" CONDUITS FROM EXISTING MANHOLE TRANSITIONS UP TO UTILITY BRIDGE
(4) NEW 4" CONDUITS FROM EXISTING MANHOLE AT 963 BUILDING RUNNING NORTH ALONG 966 AND 952 BUILDINGS
COORDINATE WITH UIC TECHNOLOGY SOLUTIONS FOR UTILITY CONNECTIONS TO MINIMIZE SHUTDOWNS
EXISTING UTILITY BRIDGE BETWEEN THE UIC STEAM PLANT (921) AND THE UIC HOSPITAL (949)
NODE 1 AT S. PAULINA STREET BUILDING
LEGEND
EXISTING UNDERGROUND UIC TELECOM
EXISTING AT&T UNDERGROUND TELECOM
NEW OVERHEAD TELECOM UIC
NEW UNDERGROUND TELECOM UIC
EXISTING UIC UNDEGROUND MANHOLE
EXISTING AT&T UNDEGROUND MANHOLE
NEW UIC UNDEGROUND HAND HOLE
W Polk St
W Taylor St
W Grenshaw St
W Fillmore St
Roosevelt Rd
S Damen Ave
S Wolcott Ave
S Wood St
S Paulina St
Hermitage Ave
951
937
923
938
953
936
933
909
908
910
911
920
918
935
914
950
934
932
948
957
902
916
941
924
940
949
947
921
952
966
975
931
963
974
HH
MH
N

The new building will be served from Node 1 at Paulina Street Building (963) with copper and fiber optic backbone cabling. The telecommunications backbone infrastructure will support data, voice, audiovisual and security systems, complying with UIC standards. The backbone pathway will originate from an existing manhole located in the alley north of the Node 1 Building:

1. Eight (8) existing 4-inch conduits currently connect the exterior manhole to Node 1 within 963 building. Available pathways shall be utilized for routing new cabling.
2. Four (4) new 4-inch concrete encased outside plant conduits from existing manhole shall be provided to new building location. Conduits shall run east (50 feet) and turn north running adjacent to buildings 966 and 952 (500 feet), parallel to Paulina Street. This path is congested with underground utilities and will need to be coordinated with Civil, Utilities and UIC Campus Facilities to maintain required clearances and avoid conflicts with existing services. An alternative path has been identified along the west side of Steam Plant Building (921). An existing generator resides on this path which will need to be coordinated. Above-mentioned Utility Routing Site Plan shall be referenced.
3. Conduit pathway will turn toward (50 feet) and route onto (20 feet) existing Utility Bridge, crossing Taylor Street between 921 and UIC Hospital Building (949) over Bridge (300 feet one-way). The conduits will continue 150 feet across the UIC Hospital Loading Dock Roof before dropping underground (200 feet one-way) for the final connection to the handhole adjacent to DDCRP Building. The total length of each conduit run is approximately 1,320 feet.
4. The Design Build team will provide additional supports for the conduits routing along the existing Utility Bridge over Taylor Street. Final routing details shall be coordinated with UIC and applicable authorities to ensure compliance with structural, clearance, and safety requirements.

A secondary connection will be fed to the new building from BGRC Data Center (933) via the tunnel at the College of Pharmacy Building (924). The backbone pathway and infrastructure design shall provide adequate capacity to support initial installation and future expansion in accordance with University standards. The routing strategy is intended to reflect existing campus infrastructure constraints and to provide a resilient and serviceable connection between Node 1 and the new building as well as building 933 and new building.

All underground conduit pathways shall be provided with fabric-based, multi-cell innerduct system. Innerduct is intended to subdivide pathways into organized, low-friction compartments for fiber optic cabling. Only optical fiber shall be placed in the same path as optical fiber.

Telecommunication Equipment Room/Space Allocations

New building shall consist of a main equipment room (IDF) and individual floor equipment rooms (FDFs).

1. Intermediate Distribution Frame (IDF)

   a. Description: New building will have one main building equipment frame (IDF). The IDF serves as the transition point between the campus' backbone cabling system and the FDFs serving horizontal cabling to each floor. The IDF is the component of the building entrance facility that provides space for the termination of outside plant cabling (copper and fiber) and building riser cables. The IDF may also house equipment such as network interface devices, telecommunication data equipment, fiber optic, entrance protectors and other elements of telecommunications. For the new building, the IDF at the basement level shall also serve as the FDF, housing terminations for horizontal cabling, network switches and servers.

   b. Architectural: The minimum dimensions for the IDF shall be minimum 100 sq. ft. with dimensions of 10'-0" by 10'-0". The ceiling height shall be a minimum of 8'-6" unobstructed with a minimum 3'x7' door opening outward. IDF room floor will be covered with painted/sealed concrete or vinyl composition tile (VCT). There will be no changes in elevation. Walls shall be lined with fire retardant 3/4", 4'x8' plywood covering a height of 8'-6" (when located in basement or flood prone areas) or 8'-0" in all other areas. The IDF shall be locked and secured via building access control system. IDF shall be located such that the cable length from the

telecommunications point of entry to the protectors does not exceed 50 feet. IDF should be located on the basement level as close as possible to the utility building entrance. The room shall be directly accessible from public corridors and spaces and keyed for unrestricted access by Telecommunications personnel.

c. Electrical: The IDF Room requires a dedicated 100-amp, 30 circuit, panel feed from building generator power. This panel is only for circuits dedicated to the IDF. Only circuits terminating in the IDF shall be managed from the IDF sub-panel. To account for harmonics loads that are present in network equipment, the feeder neutral shall be sized at 125% the current rating of the hot conductors. A dedicated 120-volt, 20-amp, grounded, non-switched, quad receptacle, 1 per 10 linear feet of wall space shall be provided on the walls of the IDF. For rack power (per rack), two (2) dedicated 120-volt, 20-amp non-switched duplex receptacle and two (2) dedicated 120-volt, 20-amp L6-20R, grounded, non-switched, receptacles are required. Rack power receptacles are to be mounted on the cable ladder rack above each equipment rack. Two (2) additional 2-pole circuits may be required for network hardware. Provide a pre-drilled 4”x12” ground busbar connected to a #6 ground wire (through 3/0 based on length) enclosed in a 3/4" conduit to the nearest approved metallic ground connection point. Provide with minimum 2” insulated standoff brackets.

d. Lighting: Lighting shall be a minimum of 50-foot candles measured 3 feet above the finished floor, in the middle of all aisles between cabinets and racks.

e. Mechanical: The HVAC system will maintain the temperature of the room at manufacturer’s recommended operating temperatures and moisture levels. For planning, it is assumed that active network equipment will be working at 100% power output. IDF will maintain positive pressure with a minimum of one air change per hour in each equipment room. The atmosphere within the room will be dust-free. Mechanical systems shall be set to industry standard (ASHRAE & TIA/EIA) allowable temperature and humidity parameters:
   i. Low-end temp: 64-degrees Fahrenheit
   ii. High-end temp: 75-degrees Fahrenheit
   iii. Low-end moisture: 30% relative humidity and 41.9 degrees Fahrenheit dew point
   iv. High-end moisture: 55% relative humidity and 59 degrees Fahrenheit dew point.
   v. The filters in the HVAC system should have an ASHRAE dust spot rating of 85% or better.

f. Fire Protection: The space shall be free of automatic fire sprinklers except as required by code. If required, the sprinklers shall be equipped with high temperature heads and protective cages to prevent accidental operation. Sprinkler piping can only enter the room as a branch and cannot pass through the IDF. Drainage troughs shall be placed under the sprinkler pipes to prevent leakage onto the equipment within the room. Consideration should be given to the installation of alternate fire-suppression systems.

g. Miscellaneous: IDF should be free of all safety hazards, danger of flooding and should have no suspended ceilings. The space shall be dedicated to Technology Systems use only. Equipment e.g., access control panels, fire alarm panels, HVAC controllers, BAS controllers, ducts, or similar systems are not allowed to be installed in the IDF. Likewise piping e.g., gas, steam, plumbing, heating, chilled water and condensate will not enter or pass through the room unless they serve the IDF. Items that serve the IDF can only enter and terminate inside the room, they cannot pass through to another area. No electrical conduits can pass through or enter the room unless they serve the room. All equipment, piping, and conduit will be relocated at no additional cost to the Client Agency. The space shall not be shared with building or custodial services or any other entity. Sinks and cleaning material (e.g., mops, buckets, &

solvents) can never be stored in this space. It should not be placed adjacent to electrical rooms or equipment. The walls must be continuous from floor to underside of the floor above. No drains, ducts, or clean-outs will be permitted. If necessary, sump pumps should be incorporated in the environmental design.

h. Technology Equipment: Provide 2-post, 45RU, 19-inch TIA/EIA (310-D) equipment racks in 84-inch height with 6” covered, vertical finger duct wire managers on each side. Provide covered double sided horizontal finger duct wire managers between each patch panel, or space allocated for active equipment. Copper splice cases and associated entrance protectors for incoming cable are to be mounted to backboards unless otherwise indicated, using the appropriate hardware and supports. Refer to Exhibit for typical IDF/FDF layout. Final rack quantities, layout and configuration shall be coordinated with University IT Department.

2. Floor Distribution Frame (FDF)

   a. FDF’s typically house network switches, servers and other remote headend equipment serving data outlets from specific zones within the building.

   b. Pathways: FDF shall be served by a minimum of (3) 4” conduits from the IDF. Where there are multiple FDFs, a minimum of (3) 4” conduits are required between each FDF. The number of conduits can be increased due to complexity of the design and density requirements for the building.

   c. Architectural: The minimum dimensions for the FDF shall be minimum 100 sq. ft. with dimensions of 10’-0” by 10’-0”. The ceiling height shall be a minimum of 8’-6” unobstructed with a minimum 3’x7’ door opening outward. FDF room floor will be covered with painted/sealed concrete or vinyl composition tile (VCT). There will be no changes in elevation. Walls shall be lined with fire retardant 3/4“, 4’x8’ plywood covering a height of 8’-6” (when located in basement or flood prone areas) or 8’-0” in all other areas. The FDF shall be locked and secured via building access control system. FDFs shall be stacked vertically. The room shall be directly accessible from public corridors and spaces and keyed for unrestricted access by Telecommunications personnel. Every floor, basement and above, will have at least one FDF. The UIC numbering scheme used to designate the various FDFs must be followed for this building. The FDF and IDF may share the same room. The FDF location shall be as close as possible to the center of the area it is intended to serve. The area being served should not extend out farther than 150 feet in any direction. This should insure that no horizontal cable run will exceed the maximum of 295 feet. FDFs on any given floor shall be not more than 300 feet apart. This requirement will dictate how many FDFs are required on a given floor. The placement of FDFs adjacent to building columns and exterior walls greatly restricts flexibility with regard to layout of a raceway system and the subsequent routing of cables and should be avoided.

   d. Electrical: The FDF Room requires a dedicated 100-amp, 30 circuit, panel feed from building generator power. This panel is only for circuits dedicated to the FDF. Only circuits terminating in the FDF shall be managed from the FDF sub-panel. To account for harmonics loads that are present in network equipment, the feeder neutral shall be sized at 125% the current rating of the hot conductors. A dedicated 120-volt, 20-amp, grounded, non-switched, quad receptacle, 1 per 10 linear feet of wall space shall be provided on the walls of the FDF. For rack power (per rack), two (2) dedicated 120-volt, 20-amp non-switched duplex receptacle and two (2) dedicated 120-volt, 20-amp L6-20R, grounded, non-switched, receptacles are required. Rack power receptacles are to be mounted on the cable ladder rack above each equipment rack. Two (2) additional 2-pole circuits may be required for network hardware. Provide a pre-drilled 4”x12” ground busbar connected to a #6 ground wire (through 3/0 based on length) enclosed in a 3/4"

conduit to the nearest approved metallic ground connection point. Provide with minimum 2” insulated standoff brackets.

e. Lighting: Lighting shall be a minimum of 50-foot candles measured 3 feet above the finished floor, in the middle of all aisles between cabinets and racks.

f. Mechanical: The HVAC system will maintain the temperature of the room at manufacturer’s recommended operating temperatures and moisture levels. For planning, it is assumed that active network equipment will be working at 100% power output. FDF will maintain positive pressure with a minimum of one air change per hour in each equipment room. The atmosphere within the room will be dust-free. Mechanical systems shall be set to industry standard (ASHRAE & TIA/EIA) allowable temperature and humidity parameters:

   i. Low-end temp: 64-degrees Fahrenheit
   ii. High-end temp: 75-degrees Fahrenheit
   iii. Low-end moisture: 30% relative humidity and 41.9 degrees Fahrenheit dew point
   iv. High-end moisture: 55% relative humidity and 59 degrees Fahrenheit dew point.
   v. The filters in the HVAC system should have an ASHRAE dust spot rating of 85% or better.

g. Fire Protection: The space shall be free of automatic fire sprinklers except as required by code. If required, the sprinklers shall be equipped with high temperature heads and protective cages to prevent accidental operation. Sprinkler piping can only enter the room as a branch and cannot pass through the FDF. Drainage troughs shall be placed under the sprinkler pipes to prevent leakage onto the equipment within the room. Consideration should be given to the installation of alternate fire-suppression systems.

h. Miscellaneous: FDF should be free of all safety hazards, danger of flooding and should have no suspended ceilings. The space shall be dedicated to Technology Systems use only. Equipment e.g., access control panels, fire alarm panels, HVAC controllers, BAS controllers, ducts, or similar systems are not allowed to be installed in the FDF. Likewise piping e.g., gas, steam, plumbing, heating, chilled water and condensate will not enter or pass through the room unless they serve the FDF. Items that serve the FDF can only enter and terminate inside the room, they cannot pass through to another area. No electrical conduits can pass through or enter the room unless they serve the room. All equipment, piping, and conduit will be relocated at no additional cost to the Client Agency. The space shall not be shared with building or custodial services or any other entity. Sinks and cleaning material (e.g., mops, buckets, & solvents) can never be stored in this space. It should not be placed adjacent to electrical rooms or equipment. The walls must be continuous from floor to underside of the floor above. No drains, ducts, or clean-outs will be permitted. If necessary, sump pumps should be incorporated in the environmental design.

   i. Technology Equipment: Provide 2-post, 45RU, 19-inch TIA/EIA (310-D) equipment racks in 84-inch height with 6” covered, vertical finger duct wire managers on each side. Provide covered double sided horizontal finger duct wire managers between each patch panel, or space allocated for active equipment. Room shall accommodate riser cables from riser system. Wall mounted GigaBIX frames shall be provided for termination of ETU station cabling and other analog telephone lines. Refer to Exhibit for typical IDF/FDF layout. Final rack quantities, layout and configuration shall be coordinated with University IT Department.

3. Lab Distribution Frame

   a. Dedicated distribution rooms serving the laboratory and vivarium spaces will be planned and designed in accordance with the FDF requirements listed above. These rooms will support localized network switches, servers, related headend equipment and uninterruptible power supplies (UPS).

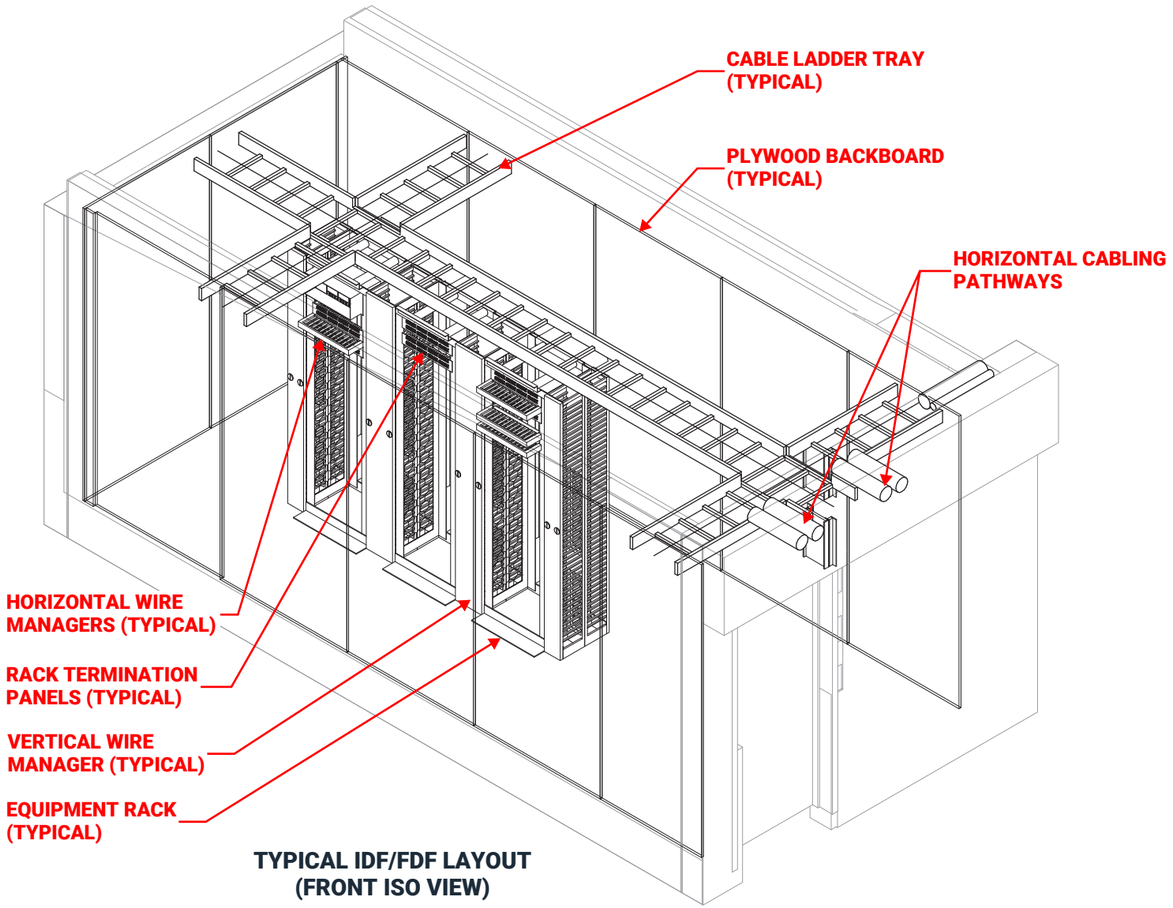
b. Room size, and environmental control shall be consistent with FDF requirements.

c. Infrastructure will include dedicated telecommunications pathways, grounding and bonding system, controlled access and HVAC systems designed to support continuous equipment operation at full load.

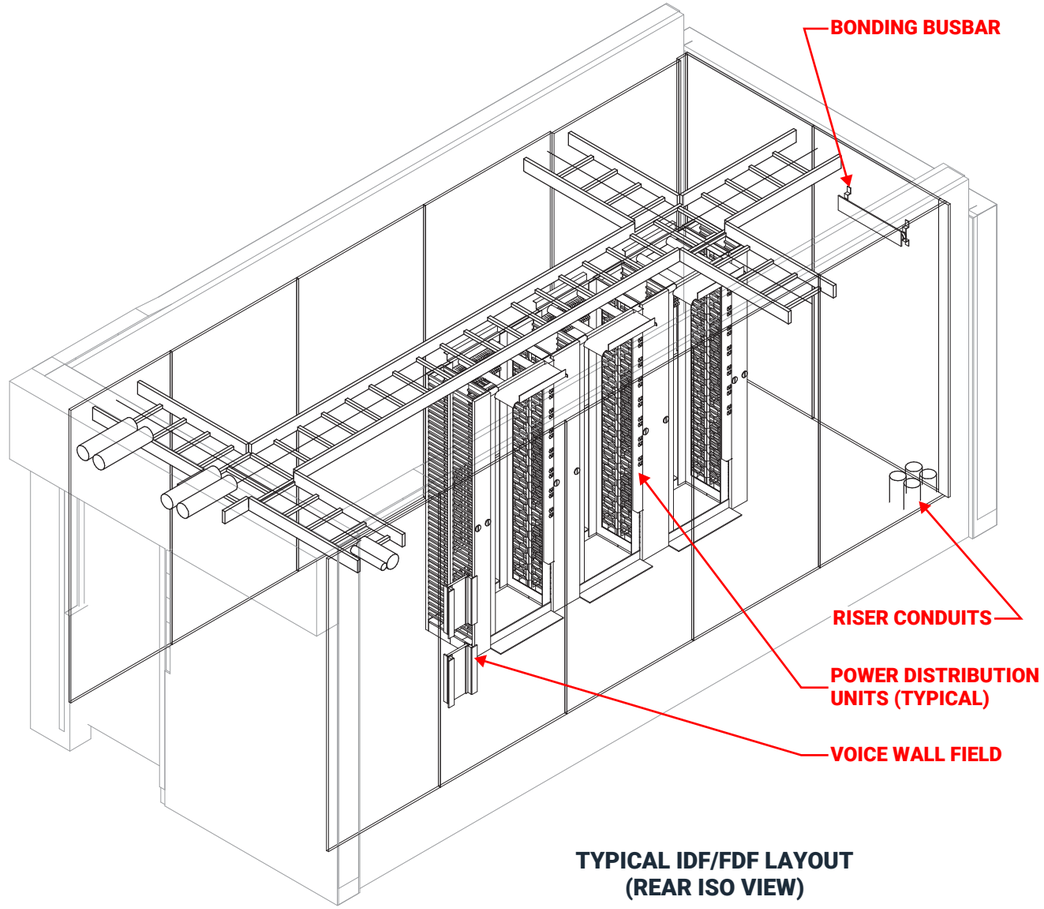
d. High availability will be factored into the electrical design through dedicated normal and emergency power feeds, UPS systems supporting critical network and server equipment. Operational continuity is critical to the functioning of laboratory and vivarium spaces; hence UPS systems will be required to support ongoing research activities, and continuous data collection, analysis and processing.

e. Overall, these rooms will function as mission-critical technology rooms, delivering resilient fiber infrastructure for laboratory and vivarium operations.

This page is intentionally left blank.



TYPICAL IDF/FDF LAYOUT (FRONT ISO VIEW)



TYPICAL IDF/FDF LAYOUT (REAR ISO VIEW)

COMMUNICATIONS STRUCTURED CABLING SYSTEM

Description

The Structured Cabling System (SCS) will have a standards-based design approach to help ensure that the ANSI/TIA compliant cabling infrastructure will support multiple generations of technology being deployed throughout the new building.

Outside Plant (OSP) Inter-building Backbone Cabling

The backbone structured cabling system will provide high bandwidth connectivity infrastructure to connect both Node 1 and BGRC Data Center (via the College of Pharmacy building) to the new building IDF.

1. Fiber Optic Cabling:

   a. The campus backbone fiber optic cabling will consist of single mode cabling.

   b. All single-mode optical fiber cable shall be OS2, laser optimized, capable of Ethernet signal transmission at 10 Gb/s up to 10,000 meters in the 1310nm operating window and shall meet SMF-28e standard. Maximum attenuation for a single-mode indoor/outdoor cable shall be no greater than 0.5dB per kilometer using 1310nm and 1550nm wavelengths.

   c. All underground campus backbone fiber optic cables shall be indoor/outdoor, industrial flame-rated Low Smoke Zero Halogen (LSZH), loose tube, gel-free, corrugated armored cable.

   d. At minimum, 48-strands single mode OS2 fiber optic cabling shall be provided to new building from each of Node 1 and secondary location. Final strand count requires coordination with IT Department.

   e. Pre-polished SC Connectors shall be used for all connectivity. Fusion spliced pre-polished terminated are the only approved method. Field polished terminations are not accepted.

2. Multi-pair Copper Cabling:

   a. All underground campus backbone copper cable shall be standard exchange type telephone cable (Category 3 UTP Copper Cable), which is defined as paired, multi-conductor, thermoplastic insulated, copper cable characterized by a mutual capacitance at 1000 Hz of 0.083 microfarads per mile. All cables provided shall be solid annealed copper (sizes 19, 22, 24 and 26 AWG) with dual insulated conductors with inner layer of foamed polyolefin covered by an outer solid, colored polyolefin skin.

   b. Copper backbone cabling may be provisioned to support analog telephone requirements, ETU stations and other electrical connections such as alarms or serial data requirements.

   c. Multi-pair copper trunk cable shall terminate onto Category 6 GigaBIX blocks (200-pair capacity) with UL listed solid state entrance protection modules. Jumper wires shall provide cross connect between GigaBIX hardware and rack mounted patch panel connections.

Inside Plant (ISP) Intra-building Backbone Cabling

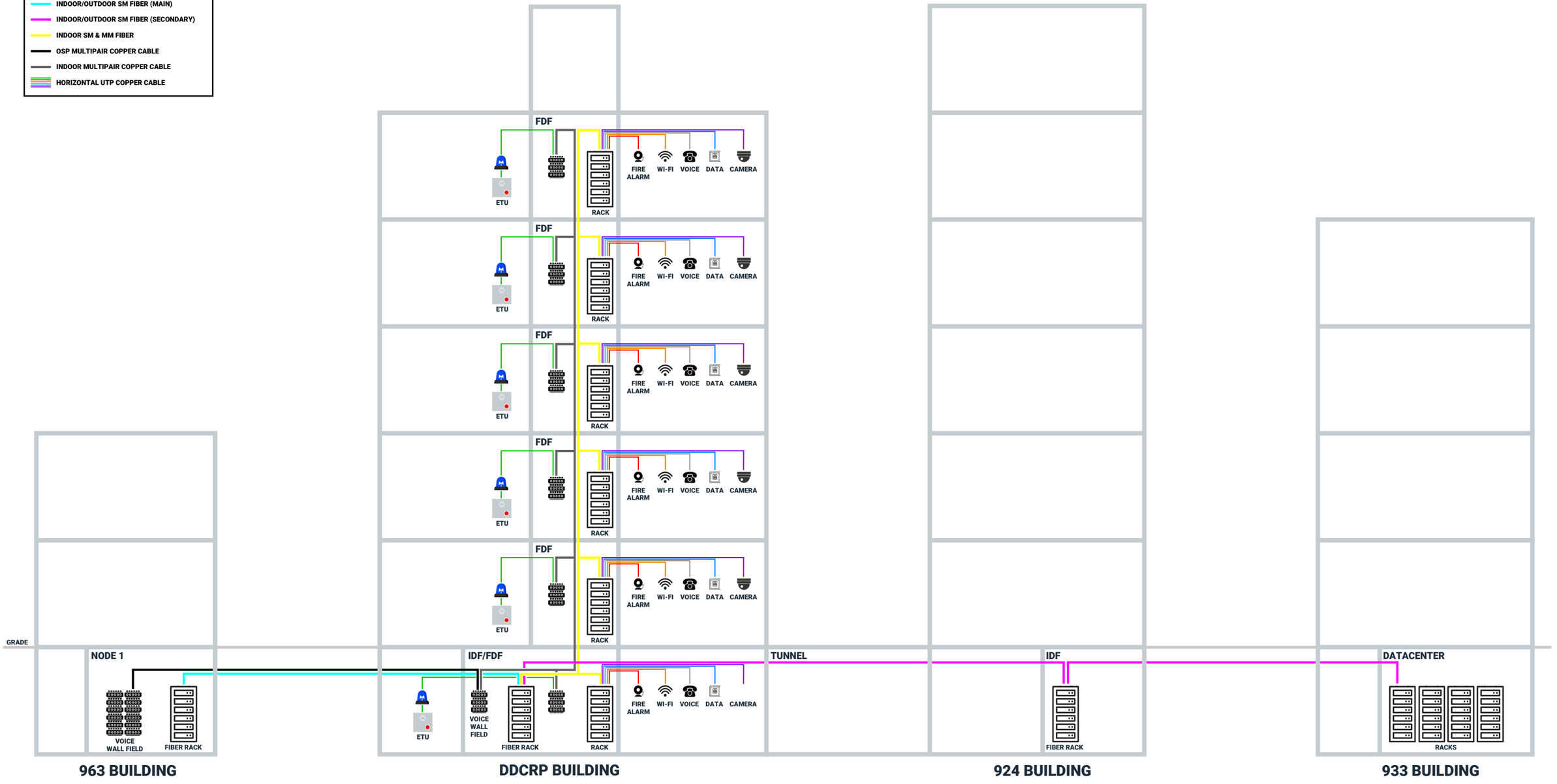
1. Fiber Optic Cabling
    a. Both single mode OS2 and 50/125µm OM4 multimode fiber optic cabling shall be used in intra-building applications, between IDF and FDFs. These fibers should be riser-rated, armored/non-armored, tight buffered cables.
    b. Pre-polished SC Connectors shall be used for all connectivity. Fusion spliced pre-polished terminated are the only approved method. Field polished terminations are not accepted.
2. Multi-pair Copper Cabling
    a. All intrabuilding backbone multi-pair copper cable shall be Category 5e copper backbone cable terminating onto GigaBIX blocks. High-performance twisted-pair copper backbone cable shall be designed for voice and low-speed data distribution connecting IDF to each FDF.
    b. Copper backbone cabling may be provisioned to support analog telephone requirements, ETU stations and other electrical connections such as alarms or serial data requirements.

Horizontal Cabling

1. The base horizontal copper data cabling shall consist of Category 6a 4-pair unshielded twisted pair (UTP) riser rated cabling.
    a. Cable jacket colors shall be coordinated with University IT Department.
2. All Category 6 and 6a cabling shall be terminated on 8P8P modular jacks utilizing the EIA/TIA T568A wiring scheme.
3. Jacks shall be mounted via faceplates at the user end and via patch panels in equipment rooms.
4. Voice/Data Cabling Allocations shall be coordinated with University IT Department for the following:
    a. Classroom/ learning zones
    b. Huddle rooms / conference rooms
    c. Offices
    d. Surveillance camera locations
    e. Wireless access point locations
    f. Wall mounted telephone locations
    g. Fire alarm control panel(s)
    h. Elevator interface panels
    i. BAS panels
    j. Emergency telephone units (ETUs)

LEGEND:

- INDOOR/OUTDOOR SM FIBER (MAIN)
- INDOOR/OUTDOOR SM FIBER (SECONDARY)
- INDOOR SM & MM FIBER
- OSP MULTIPAIR COPPER CABLE
- INDOOR MULTIPAIR COPPER CABLE
- HORIZONTAL UTP COPPER CABLE



Pathways for Technology Systems

1. IDF shall be served by a minimum of four (4) 4” conduits from the exterior manhole serving new building.
2. Each FDF shall be served by a minimum of four (4) 4” conduit.
3. Each data outlet shall be provided with a double-gang junction box with minimum (1) 1-inch conduit to the nearest IDF/FDF or nearest overhead cable tray system.
4. Floor boxes for power, data and AV shall have at a minimum (1) 1-inch conduit for data and (1) 1-1/2-inch conduit for AV. Each conduit shall homerun and not connect to adjacent floor box.
5. Solid bottom and solid sided cable tray system shall be the required raceway method. Ladder type or ladder rack shall not be used outside the telecommunication room. Cable tray shall be complete with all tray supports, materials, and incidental and miscellaneous hardware required for a complete cable tray system.
    a. Only IP based network infrastructure shall be contained withing the cable tray system. Other systems for AV, Security or BAS etc. shall be in their own separate raceway.
    b. Any non-continuous section of tray shall be coupled with conduits.
    c. Cable tray shall be sized for a minimum growth of fifty (50) percent.

Technology Systems Grounding and Bonding Requirements

1. The IDF Room shall be connected to a telecommunications grounding and bonding system with a dedicated telecommunications bonding backbone which connects to a telecommunications primary bonding busbar (PBB).
2. FDF Rooms shall be connected to a telecommunications grounding and bonding system with a dedicated telecommunications bonding backbone which connects to a telecommunications secondary bonding busbar (SBB).
3. Telecommunications bonding backbone (TBB) shall utilize a 6AWG through 3/0 (based on length) that provides a direct bonding between PBB and in-room equipment. All equipment in the IDF/FDF room shall be bonded to the PBB/SBB using two-hole compression lugs. A TBB shall interconnect all SBBs with the PBB.

    a. A TBBs basic function is to reduce or equalize potential differences between telecommunications systems bonded to it. A TBB is not intended to serve as the only conductor providing a ground fault current return path.
4. IDF room shall connect to the electrical main service ground with a conductor sized per ANSI/TIA-607.

EMERGENCY TELEPHONE UNITS (ETUs)

Description

Emergency Telephone Units are vandal resistant, hands-free emergency communication devices that the University utilizes to provide immediate voice communication to the University Police Department or other monitoring center during emergencies. ETUs are primarily installed outdoors in bollards, on poles, on walls and in parking lots and indoors in elevators, elevator lobbies, washrooms, hallways and some building entrances. ETU locations shall be provided in locations indicated above. Final locations require coordination with University Police.

TWO-WAY VOICE/VIDEO ELEVATOR COMMUNICATION

Description

The University has adopted ASME A17.1 2019 which is a critical life safety code for elevators enabling hands-free audio, real-time visual messaging and live video communication between passengers and emergency personnel at monitoring locations. Monitoring locations will include building entrance lobby adjacent to fire alarm annunciator panel and elevator control/machine room at a minimum. The system shall automatically transmit live video and audio upon activation of the emergency call button within cab unit. Equipment shall be IP-based where available utilizing media converters for elevator travel cable connections. Connections shall be monitored for supervision and fault reporting. System shall be backed by generator power as required by code to maintain operation during utility outages. The system shall be designed to ensure reliable performance, accessibility compliance, and seamless coordination with building security and life safety operations.

Acceptable Manufacturers	
Fabric Innerduct	Maxcell Innerduct
Fiber Optic Cabling	General Cable/Prysmian, Panduit, Superior Essex
Fiber Enclosures	Ortronics Q Series Panduit Opticom Quick Net Enclosures
Fiber Splice ON Connectors	Panduit, Sumitomo, AFL
Multi-pair Copper OSP Backbone Cabling (Inter-Building)	General Cable Filled Foam Skin ASP Cable Spec. 2100 BELL SYSTEM, Superior Essex
Multi-pair Copper Backbone Cabling (Intra-Building)	General Cable/Prysmian, Superior Essex, Berk-Tek
Multi-pair Copper Termination Hardware	Belden GigaBIX IDC System
Horizontal Copper Cabling (Category 6)	Panduit TX6000 Enhanced, General Cable GenSPEED 6000 Enhanced, Berk-Tek LANMark-1000 Enhanced, Mohawk AdvanceNet, Belden Enhanced Category 6+, Superior Essex DataGain, Hubbel NextSpeed
Horizontal Copper Cabling (Category 6a)	Panduit TX6A, General Cable GS10 GenSPEED 10 MTP- Gen 4, Leviton 6A LANMark SST, Berk-Tek LANMark-XTP 6A, Superior Essex DataGain, Hubbell NextSpeed
Horizontal Cabling Patch Panels	Panduit, Hubbell, Leviton, Belden, Ortronics (Legrand)
Horizontal Cabling Jacks	Panduit NetKey Series, Leviton Atlas-X1, Millenium, Hubbel Cobra-Lock HJU6WBK, Ortronics Keystone, Belden Key Connect +
Faceplates	Panduit NetKey FIWY Series, Leviton, Belden, Ortronics, Hubbell

This page is intentionally left blank.

8.7 AUDIO VISUAL SYSTEMS

APPLICABLE CODES & STANDARDS

- International Building Code (IBC) – 2024 Edition (excluding Chapter 11; compliance with Illinois Accessibility Code (IAC) – 2018 Edition.
- International Fire Code (IFC) – 2024 Edition
- National Electrical Code NFPA 70 – NEC Current Edition
- Municipal Code of Chicago Relating to Electrical Inspection (City of Chicago Electrical Code)
- Illinois Accessibility Code 2018 – IAC
- City of Chicago Building code sections – Connections to City of Chicago utilities
- BICSI Telecommunications Distribution Methods Manual
    1. Telecommunications Distribution Methods Manual (TDMM)
    2. Information Transport Systems Installation Method Manual (ITSIMM)
- American National Standards Institute/Telecommunications (ANSI)
    1. ANSI/TIA 526 Optical Fiber Systems Test Procedures
    2. ANSI/TIA/EIA–568-B: Commercial Building Telecommunications Cabling Standard
    3. ANSI/TIA/EIA–568-B.3: Commercial Building Telecommunication Cabling Standard, Part 3: “Optical Fiber Cabling Components Standard”
    4. ANSI/TIA/EIA-568-C Series of standards and Addendums
    5. ANSI/TIA/EIA–569-E: Commercial Building Standard for Telecommunications Pathways and Spaces
    6. ANSI/EIA/TIA-570-D Residential and Light Commercial Telecommunications Wiring Standard
    7. ANSI/EIA/TIA-598-D1 & D2- Optical Fiber Cable Color Coding.
    8. ANSI/TIA-606-D - Administration Standard for Telecommunications Infrastructure of Commercial Buildings
    9. ANSI/TIA/EIA-607-D Commercial Building Grounding and Bonding Requirements for Telecommunications.
    10. ANSI/TIA/EIA-758-B Customer-Owned Outside Plant Telecommunications Cabling Standard.
    11. ANSI/TIA 942-B Telecommunications Infrastructure Standard for Data Centers
- Institute of Electrical and Electronics Engineers (IEEE)
    1. IEEE 802 Standards
    2. IEEE 802.3af: Power over Ethernet (POE) Standard
    3. IEEE 802.3at: Power over Ethernet+ (POE+) Standard
    4. IEEE 802.11: Wireless Standard
    5. IEEE Standards: 1100-1992: Powering and Grounding Sensitive Electronic Equipment
- ISO/IEC 11801: Generic Cabling for Customer Premises
- Audiovisual and Integrated Experience Association (AVIXA) Standards (formerly InfoComm)
    1. AVIXA AV/IT Infrastructure Guidelines for Higher Education
    2. AVIXA AV Implementation Handbook
    3. AVIXA S601.01:2021 Energy Management for Audiovisual Systems (revises ANSI/InfoComm 4:2012)
    4. AVIXA F501.01:2015 Cable Labeling for Audiovisual Systems (formerly InfoComm F501.01:2015)
    5. AVIXA V20I.0I:20IX Projected Image System Contrast Ratio (revises 3M-2011)
    6. AVIXA A102.01.2017 Audio Coverage Uniformity in Listener Areas (revises InfoComm 1M-2009)
    7. ANSI/AVIXA D401.01:20IX Standard Guide for Audiovisual Design and Coordination Processes (revises InfoComm 2M-2010)
    8. AVIXA 202.01:2016 Display Image Size for 2D Content in Audiovisual Systems
    9. AVIXA F502.01:2018 Rack Building for Audiovisual Systems
    10. AVIXA F503.01: Audiovisual Systems Serviceability
    11. AVIXA F504.01: Audiovisual Systems Energy Management
    12. AVIXA F505.01: Audiovisual Systems Cable Management

13. AVIXA F506.01: Audiovisual Systems Design (Performance-Based Design Process)
14. AVIXA F507.01: Audiovisual Systems Quality Documentation

- Audio Engineering Society (AES)
    1. AES67-2023: AES Standard for Audio Applications of Networks - High-performance streaming audio-over-IP interoperability
- Underwriters' Laboratories
- UIC Telecommunications Standards Manual, latest version

AUDIO VISUAL SYSTEMS - OVERVIEW

This section is intended to summarize the pathway requirements for the Audio and Video (AV) systems proposed at a conceptual level for the new UIC Drug Discovery & Cancer Research Pavilion. The pathways supporting AV systems will be designed to support teaching, collaboration, conferencing, and presentation within teaching and collaboration spaces, laboratories and vivarium spaces throughout the new building. Design of pathway system will cover the connection of presentation spaces, meeting rooms, research and support spaces to local, centralized and/or distributed equipment locations. This will enable connectivity for reliable content sharing, video collaboration and instructional delivery. The design will prioritize scalability and maintainability, recognizing the evolving requirements of research spaces, laboratory operations and educational needs for the building. Pathways will require coordination with architectural, structural, mechanical, electrical and communications systems to maintain required clearances, minimize equipment conflicts, and support clean installations appropriate for sensitive research and animal care environments. The AV infrastructure will provide a consistent and maintainable platform which supports education, research and operational efficiency.

BASE DESIGN CRITERIA

Description

AV infrastructure pathways shall be provided from Floor Distribution Frames (FDFs) to all teaching spaces, collaboration spaces, laboratories, vivarium spaces and presentation areas which are equipped with AV systems. A combination of conduit and cable tray systems shall be utilized to support cabling. Pathways serving laboratories, vivarium spaces and other sensitive areas shall be routed outside zones designated as clean areas where feasible. Coordination shall be required with infection control and operational teams.

Continuous raceways shall be provided between AV equipment and device locations, with appropriately sized pull boxes installed per ANSI/TIA-569 and NEC requirements. Pathways shall maintain clear separation from EMI sources, power and other building systems. Coordination shall be required to determine AV systems requiring high availability for mission critical spaces. Redundant pathway routes and UPS-backed power may be required at AV equipment locations. Pathways shall be designed to allow for servicing, and future expandability without disruption to laboratory and vivarium spaces.

PATHWAY REQUIREMENTS

Pathways shall be provided to support AV systems within the following typical spaces:

- Multipurpose Room/Assembly Space (>100 seats)
    1. Space shall receive a display consisting ceiling mounted projector and screen. A combination of wall and floor box A/V inputs will provide connectivity to the display to allow viewing presentations. Additional confidence monitor shall be provided for presenter.
    2. Sound reinforcement systems shall be deployed consisting of overhead ceiling speakers to support audio from user inputs as well as a wireless microphone system. A wireless microphone system shall provide sound enhancement for space. Assistive listening system shall be provided as required by code.

3. Video recording equipment (including cameras) shall be integrated into the space to support video-conferencing, recording and/or livestreaming.
4. A control system shall provide an intuitive interface to using the systems installed within the space.
5. A dedicated AV rack will be provided for this space to support sound reinforcement, video equipment and presentation switcher system to control the volume of strategically placed speakers and control the video use-case for the space. Space housing AV rack shall be located within/adjacent to the space.

- Large Conference Room

1. Space shall receive a display consisting of wall mounted flat screen displays. Displays shall primarily be used for viewing presentations and video conferencing. Wall and tabletop A/V input will provide connectivity to the display. A wall mounted PTZ camera shall provide the ability to host video conferencing.
2. Sound reinforcement systems shall be deployed consisting of overhead ceiling speakers to support audio from user inputs as well as a wireless microphone system. A combination of wireless microphone system and tabletop/ceiling mounted microphones shall provide sound enhancement for the space.
3. A control system shall provide an intuitive interface to use the systems installed within the space.
4. A dedicated AV rack will be provided for this space to support sound reinforcement and video presentation switcher system to control the volume of strategically placed speakers and control the video use-case for the space.

- Medium and Small Conference Rooms:

1. Audio/visual systems for these spaces shall consist of local source inputs routed to display devices consisting of flat panel display or interactive whiteboards.
2. Sound reinforcement shall include video soundbars in smaller rooms (< 6 persons) and overhead ceiling speakers with microphones and cameras in larger rooms (> 6 persons). These rooms will enable full AV communication, collaboration and teleconferencing capabilities. The systems will be flexible to accommodate multiple room configurations and various types.

8.8 SECURITY SYSTEMS

SECURITY SYSTEMS – OVERVIEW

The intent is to provide pertinent information to allow the Design Build team to bid the labor, supervision, tooling, programming and miscellaneous consumables to provide a complete and functional Safety and Security System, which shall include 2N Voice Communication System(s) (VCS), Lenel On-Guard Access Control System, Video Surveillance System which shall integrate into the existing campus Genetec VMS and an Emergency Responder Radio Communication System. Security systems shall be installed in accordance with best practices of the trade, and related standards/codes, such as ADA, SIA, TIA/EIA U.L, NFPA, NBFAA.

It is the responsibility of the Design Build team to include any and all items required for a complete, functional and operational security system, even if not identified in related design guidance drawings and narratives. Design Build team shall provide all parts, material, and direct labor for a fully functional security system.

APPLICABLE CODES AND STANDARDS

The following design, cable, component selection, and installation practices reference and standards shall apply to the Design Build team's work. In instances where there is a conflict with these standards/guides, the most stringent requirements shall be applied or rule unless superseded by local code, AHJ or Owner's written direction. References include:

- Owner's Requirements
    a. University Campus Police Security Standards/Specifications
        i. Section 28 00 00 Electronic Safety & Security
        ii. Section 28 13 00 Access Control
        iii. Section 28 23 00 Video Surveillance
    b. State of Illinois 225 ILCS 447 Private Detective, Private Alarm, Private Security, Fingerprint Vendor, and Locksmith Act of 2004
    c. UIC Telecommunications Building Standards
- American With Disabilities Act (ADA)
- Federal Communications Commission (FCC)
- International Fire Code (Section 510)
- National Fire Protection Association (NFPA)
    1. NFPA 70: National Electrical Code.
    2. NFPA 72: National Fire Alarm and Signaling Code (Chapter 24 for Emergency Communications Systems).
    3. NFPA 101: Life Safety Code.
    4. NFPA 731: Standard for the Installation of Electronic Premises Security Systems
    5. NFPA 780: Standard for the Installation of Lightning Protection Systems
    6. NFPA 1225: Standard for Emergency Services Communications
- Underwriters Laboratories (UL)
    1. UL 294: Standard for Access Control System Units
    2. UL 294B: Standard for Power Over Ethernet (PoE) Power Sources for Access Control Systems and Equipment
    3. UL 636: Standard for Holdup Alarm Units and Systems
    4. UL 681: Standard for Installation and Classification of Burglar and Holdup Alarm Systems
    5. UL 969: Marking and Labeling Systems
    6. UL 1610: Standard for Central-Station Burglar-Alarm Units
    7. UL 1635: Standard for Digital Alarm Communicator System Units
    8. UL 2524: Standard for In-building 2-Way Emergency Radio Communication Systems
- Miscellaneous
    1. Local City and County Ordinances
    2. Authority Having Jurisdiction (AHJ)
    3. Security Industry Association (SIA)
    4. Open Network Video Interface Forum (ONVIF)
    5. Physical Security Interoperability Alliance (PSIA)

QUALITY ASSURANCE

The Design Build team that provides security system equipment connection shall be a licensed alarm contractor pursuant to State of Illinois 225 ILCS 447 Private Detective, Private Alarm, Private Security, Fingerprint Vendor, and Locksmith Act of 2004.

EQUIPMENT LOCATIONS

Security Management Systems (SMS) products are distributed throughout the facility but shall be located as follows:

- Access control panels (ACPs) shall be located in electrical closets. ACPs shall not reside within IDF/FDFs.
- Surveillance head-end systems shall be located in Floor Distribution Frame (FDF) telecommunication closets.

SYSTEM DESCRIPTIONS

“SMS” - Security Management System
“ACS” - Access Control System
“IDS” - Intrusion Detection System
“DS” - Duress systems
“SVS” - Surveillance/Video System
“NVR” - Networked Video Recorder
“VCS” - Voice Communication Systems
“ECS” - Emergency Call System

ACCESS CONTROL SYSTEM

Description

General: Expansion to existing Lenel OnGuard electronic access control and alarm monitoring system to include all labor, equipment, materials and supervision to install, program, demonstrate, and document system components shall be required.

Access Control System (ACS): The ACS shall monitor and control the security subsystem devices as indicated herein. The system shall monitor and annunciate the status condition of all sensors, security door hardware, security system control conditions, and other functions as described herein.

Conduit and Cabling: Furnishing and installing all raceways and cabling shall be required for a fully operational expansion of the ACS. Conduit and cabling installations shall be performed in accordance with the electrical systems criteria. Such work shall include, but shall not be limited to, the following:

- Provision of a dedicated, fully enclosed raceway system in support of the ACS expansion.
- Provide all power, signal, and communications cabling as required for a fully operational ACS.
- Provide a power distribution system to include panel and lock power supplies and associated low-voltage wiring for connection to field devices. Unless noted otherwise, all ACS power connections shall be from UPS-backed power circuits.

Furnishing and installing the system expansion and bringing it to operational status requires the following:

- Coordinate with Electrical for the provision of 120VAC power circuits required for security systems.
- Install all required conduit and wiring.
- Install and integrate access control and alarm monitoring hardware.
- Test new devices and controllers to verify that all installed equipment is functioning properly under the direct supervision of the factory-authorized service representative.

The system configuration and downloading of field panels (i.e., controllers) is required to support the system expansion.

Coordination will be required with the University’s Security Team to ensure that the system expansion has been properly installed and is fully functional. Included shall be joint testing involving the Design Build team and the University’s Security Team.

Access Control Panels

The Design Build team shall provide the exact number of ACP(s) required and allow for an additional 25% capacity for future peripheral connections beyond those identified herein. ACPs shall incorporate provisions for uninterrupted standby battery power. Power supplies used shall be designed to send a signal to the ACMS in the event of a power loss, low battery, or short and shall maintain power for not less than eight (8) hours. ACP shall buffer a minimum of 4000 events at the panel when communication with the host/server is interrupted and shall support locally, a minimum of 500 card holders per ACP. ACP's shall be of the same manufacturer as the University's existing ACS.

Door Monitoring

Door position switches shall indicate the position of the associated door, either open, closed, held or forced open. The Design Build team shall provide end-of-line supervision, cable and programming point listings as required. All door position monitoring shall be recessed; surface mounted contacts shall not be permitted. Design Build team shall maintain the fire rating for all doors and frames.

- Only exterior and high-security doors shall be equipped with door monitoring. Only interior high-security doors shall be equipped with request-to-exit micro-switches. Predominately interior doors shall not have door monitoring and shall be equipped with access control readers and locks exclusively.

Duress Button

Duress button shall be under desk/wall mounted and shall be used to discretely notify security of an incidence. Multiple duress buttons shall be wired in series as one logical input and shall be spaced at not greater than 6' unless located at individual desks or rooms. Desk mounted duress button shall require two separate actions to create an activation and support a latching input that shall require a key for reset.

- Duress buttons shall be required at registration, information desks, security desks and similar.

Request-to-Exit Devices

Request-to-exit (REX) devices shall be provided by the door hardware supplier and shall be integrated into the hardware. The Design Build team shall provide cable and programming as required for functionality of the system (door contact shunt, electrified lock release). In some instances, the Design Build team may need to provide a request-to-exit motion device at specific doors, to signal the access control alarm panel which shall shunt the door position switches and energize or de-energize electrified hardware associated to the access control door.

Request-to-exit devices shall only be provided on interior doors that are defined as high-security.

Local Alarm

Recessed local alarm devices shall serve as an audible deterrent to staff, students, visitors to discourage unauthorized use of an "Emergency Only" exit door. Local alarms shall be rated at 82 decibels (dB) from three (3) feet and will be signaled via the door position switch from the associated door. Local alarms shall be at all emergency exterior entrances, (as applicable), and stairwells that exit at grade exits. Local alarms remotely activated by time/day schedule and shall be remotely reset and not equipped with operable key switches. Local Alarms shall be manufactured by Designed Security Inc and shall be model DSI ES4200-K0-T.

Power Supplies

The Design Build team shall furnish individually fused power supplies for electrified hardware, controller and hardware, as required. The Design Build team shall be responsible for the provision and connection of 24 VAC power supplies and associated 12 AWG circuitry/cabling as required for operation of electric locking devices, which shall be wall mounted, key lockable and equipped with a tamper switch. Power supplies shall provide 125% of the current requirements and shall be sized with a (4) four-hour backup battery for continued electrified lockset operation after a power failure. Power supplies shall be equipped with an off-board relay or manufacturer specified module to indicate battery fail and when main power has dropped. Power supplies shall have an integral relay for fire alarm/SLC

connection. Power supplies shall be manufactured by Altronix and shall hold the following characteristics:

- Altronix Trove2M2 enclosure with Lenel backplane
- Altronix TMV2 door backplane
- AL1012ULXB power supply (12VDC @ 10 amp) for controllers
- AL1024ULXB2 power supply (24VDC @ 10 amp) for readers
- ACS power controller with Fire Alarm Interface with 8 fuse protected outputs

Power Supplies Batteries

Batteries shall be sized as required, and shall be manufactured by PowerSonic, Substitutions shall not be permitted. Date of service shall be marked on a vinyl label and placed on the side of the battery that is immediately visible when opening an enclosure.

Interfaces

The Design Build team is responsible for providing interfaces to the following devices:

- Fire Alarm interfaces - door unlocking, door/gate operator activation (sliding/handicapped)
- Integral Request-To-Exit Micro-Switches (within Door Hardware)
- Integration with elevator systems.

Elevators

Elevator access control readers/cameras/intercoms shall be routed to the elevator room, via a traveling cable/wireless connection and subsequently transition to the nearest network closet. Video surveillance signals shall be transmitted within the elevator core via Vidcom transceivers, substitutions shall not be permitted. Access control and intercom shall be routed via traveling cable.

Elevators shall be equipped with access control readers, which shall be surface mounted and within ADA mounting. Presentation of an access control card shall enable the selection of a single floor. The elevator service key shall be alarmed to notify security when used. A corner mount, correctional grade surveillance camera shall be located in the elevator to monitor the cab entry and the floor indicator.

Card readers

Access control readers shall be provided as required (extended range, proximity, Bluetooth), shall be weatherized, where required and support a Wiegand output. Mullion mounted readers shall not be allowed unless otherwise indicated. Access control readers shall be multi-technology type, capable of function with 125 kHz, 13.56MHz proximity and mobile access credentials – exact type to be coordinate with Owner.

Access control readers shall be primarily used at main entrances, IDF/FDF, dock doors, and user defined areas such as: office doors, labs, high-security (narcotics) areas.

Readers shall be manufactured by HID and shall be model: HID multiCLASS SE: RP40, RPK40 or RMP4

In instances where 2 factor authentication is required, the Design Build team shall provide network, ACS connection for a fingerprint access control reader, manufactured by Bioconnect, substitutions shall not be permitted.

Credentials

Credentials shall be provided by the Owner.

SURVEILLANCE VIDEO SYSTEM

Network Video Recorder (NVR)

The Design Build team shall provide surveillance cameras and Network Video Recorder(s) (NVR's) and related storage shall be provided by Owner.

Surveillance Workstation

Surveillance workstations/PCs shall be provided by the Owner.

Surveillance Cameras

Weatherized and rated interior or exterior camera housing shall be provided where applicable. Cameras shall be IP-based and fully support IPv4 (RFC 791). Cameras shall be able to act as DHCP clients and also support static IP addressing. Cameras shall be equipped with at least one (1) 100BASE-TX Fast Ethernet-port, using a standard RJ45 jack. Cameras shall be of a solid-state design and shall incorporate an intensified, interline CCD, CMOS, direct transfer or progressive imaging chip with the following minimum pickup elements: (1280 (H) x 960 (V), and a minimum lighting for usable image of 1.0 LUX. The f-stop rating shall be 1.2/1.4 at 70% reflectance. All camera(s) shall have a minimum digital resolution capability of 1.2 megapixels. Resolution requirements shall be based on Owner direction.

- Cameras shall be located in the following areas: Entrances/exits. Elevators, select hallways, IDF/FDF entry, loading dock, high value areas (research/narcotics, large gathering areas, exterior (all corners of building),
- Shall be compatible with Genetec Video Management System (VMS)

Multi-imager camera

Weatherized and rated interior or exterior camera housings shall be provided where applicable.

With exception to mounting hardware, multi-imager cameras shall be completely integral units, The Design Build team shall order multi-imager cameras to meet anticipated environmental conditions. It is the Design Build team's responsibility to coordinate this work. Integral operable cameras shall be direct, via TCP/IP network connection, and shall not require additional control wiring. multi-imager cameras shall utilize CCD, CMOS, direct transfer or progressive imaging chip with the following minimum pickup elements: 5472 (H) x 3648 (V) and a minimum lighting for usable image of 1.0 LUX.

- Megapixel, multi-imager cameras shall be fully supported and compatible with the Owner's NVR.
- Outdoor Camera Isolation
    - The Design Build team will provide single mode/multi-mode fiber optic cabling and associated fiber optic transceivers for all exterior peripherals and shall be responsible for the connection to power being provided, as required, supporting the video transceivers. Fiber optic transceivers shall be mounted within a key lockable enclosure within the building in an accessible location.
    - Operable dome video/control fiber transmitters shall be used in conjunction with all exterior camera installations. Fiber optic transceivers, where required shall transmit data, back to the security room.

VOICE COMMUNICATION SYSTEM (VCS)

Initiation Station

1. The Voice Communication Systems (VCS) system shall provide duplex communication between Owner's security department and the initiating station. The VCS shall be fully compatible and integrated with Session Initiation Protocol (SIP).
2. Where applicable, the Design Build team shall supply analog intercom stations which shall connect to the network via a media gateway and a Foreign Exchange Office (FXO).
3. The VCS system(s) shall be rated for the environment they are being installed at and shall be vandal resistant and ADA-compliant, hands-free speakerphone communications device.
4. Initiating station shall be manufactured by Axis/2N.
5. VCS imitating stations shall be located at all exterior entrances, staff entries, door interlocks and loading docks.

EMERGENCY RESPONDER RADIO COMMUNICATION SYSTEM (ERRCS)

The Design Build team shall provide the design of a Distributed Antenna System (DAS) to support the Public Safety Radio Network (PSN) and ensure reliable emergency responder radio communications throughout the building. The system shall be designed as a complete and fully functional Emergency Responder Radio Coverage System (ERRCS) including headend equipment, donor antennas, coverage antennas, bi-directional amplifiers (BDAs), fiber optic master and remote units, coaxial cabling and connectors, splitters, combiners, couplers, jumper cables, and all other components required to provide continuous radio coverage. The system shall comply with applicable industry standards and governing codes.

The DAS infrastructure shall include dedicated pathways and cabling designed to meet required circuit survivability levels, including Level 1 survivability for horizontal cabling and Level 2 survivability for vertical backbone cabling through two-hour rated pathways and conduit to rooftop donor antennas. The system headend shall be located in a 2-hr rated room and shall be capable of operating on a standby battery and/or generator system for a minimum of 12 hours during loss of normal power. The system shall be designed to provide a minimum of 95% coverage throughout general building areas and 99% coverage in critical areas such as stairs, elevators, fire pump rooms, and life safety equipment locations, with minimum inbound and outbound signal strengths of -95 dBm. The system shall support all public safety radio frequencies assigned to the University Police Department and local municipal police and fire departments and shall be tested and verified by an FCC licensed operator.

RESPONSIBILITIES

Close coordination is required with University Security Teams to determine and establish clear furnish-and-install responsibilities for all electronic security system components and supporting infrastructure. These responsibilities shall be confirmed during the Design Build process to ensure seamless integration between University-furnished security equipment and Design Build-team-installed pathways, power, mounting provisions, and architectural accommodations. This coordination will be detrimental to avoiding scope gaps and ensure constructability and compliance with the University requirements.

Responsibility Matrix

System	OFOI	OFCI	CFOI	CFCI
Access Control System (ACS)				
ACS Panels & Associated Power Supplies		X		
ACS Cabling				X
Card Reader & Intercoms		X		
REX Sensors & Door Position Switches				X
Field Panels, Locking Hardware & Associated Power Supplies				X
ACS Programming	X			
Video Surveillance Systems (VSS)				
IP Cameras and Mounting Hardware		X		
Surge Protection Device				X
Network Switches and PoE		X		
Network Video Recorder and Server	X			
Horizontal Cabling for Cameras				X
Patch Cords for Cameras (at Switch)		X		
Camera Licenses	X			
VSS Programming	X			
Life Safety Systems				
Emergency Telephone Units (ETUs)	X			
Backboxes for ETUs		X		
Video and Messaging (VAM) System Unit	X			
VAM Command Center	X			
Backboxes for VAMs		X		
Injectors and UPS for VAMs	X			
ERRCS DAS, Associated Hardware, Cabling and Power Supplies				X

OFOI – Owner Furnished Owner Installed
OFCI – Owner Furnished Contractor Installed
CFOI – Contractor Furnished Owner Installed
CFCI – Contractor Furnished Contractor Installed

CABLING/RACEWAY & JUNCTION BOXES

Cabling:

1. Surveillance:
    a. Cameras shall be connected using purple 4-pair 100-ohm balanced, 23- gauge, category 6, solid copper, 250 MHz cable. All category 6 cabling shall be NEC rated for riser or plenum installations and installed in an appropriate raceway (conduit, wire mold, or cable tray). Cameras that are to be mounted to an exterior surface or structure must be connected using properly grounded, shielded CAT6.
2. Access control
    a. Electric lock power wire: Belden 18x2 non-shielded 5300UE
    b. Access control Reader wire: Belden 22x6 shielded 5504FE
    c. Request-to exit wire: Belden 22x2 non-shielded 5502UE
    d. Door position wire: Belden 22x2 non-shielded 5500U

Raceway/Conduit and Junction Boxes:

1. Raceway
    a. Raceway shall be point-to-point and open cable shall not be permitted. Raceway shall be segregated to the specific security systems. Equipment cabling shall not be commingled (i.e. VCS/intercom, access control, surveillance shall be in separate conduit runs)
    b. Access control systems shall be routed in a conduit that shall be painted purple and shall not be less than ¾".
    c. As required, ½" inch minimum flexible metallic conduit shall be used for conduit within door frames. Conduit shall be routed to the nearest electrical room housing an ACP.
    d. Surveillance and VCS systems shall be routed in point-to-point conduit back to the nearest FDF, which shall not be less than 1".
2. Junction boxes
    a. Junction boxes shall be provided as required. Specialty junction boxes shall be provided for surveillance camera ceiling boxes, which shall house network connections.
    b. Specialty junction boxes shall be procured and provided for interior ECS systems. specialty boxes shall not be walled over.

CABLING/RACEWAY & JUNCTION BOXES

1. Station Cabling:

    a. Shall not be routed greater than 295’ from nearest FDF.

Station Cable Application	Cable Type	Cable Quality
ACP	Copper UTP	Category 6
Surveillance Cameras	Copper UTP	Category 6
Exterior surveillance cameras	Copper UTP/ Fiber	Category 6 & fiber optic cables
Voice Communication Systems (VCS)	Copper UTP	Category 6

    b. Patch Cables

        i. Patch cables will be provided to match the data outlet cable and termination hardware. This ensures maximum performance of the cable system by matching station cable impedance with patch cable impedance. Patch colors shall be purple.

    c. ACP Spatial Requirements

        i. Panels shall be in the electrical only. An 8’ x 5’ wall space with 3’ of clearance should be reserved for security equipment.

    d. Electrical Requirements

        i. All security equipment/peripherals indicated shall be on dedicated, non-switched electrical circuits fed from the emergency generator.

This page is intentionally left blank.

8.9 BUILDING AUTOMATION SYSTEM INTEGRATION

SYSTEM DESCRIPTIONS

Mechanical systems will be controlled and monitored through a DDC based Building Automation System (BAS) with distributed processing at the local level. The overall building controls shall be Tridium N4 JACE 9000 controllers with fully open BACnet License. High Voltage Electric actuation will be utilized for all larger control valves and dampers while Low Voltage Electric actuation will be utilized for terminal unit control.

The control system will interface with BACnet open protocol to the existing campus N4 Tridium system. The control system will seamlessly integrate with existing site N4 web server operator interface.

The BAS will reside on a separate dedicated Ethernet network from the campus Enterprise network with cross connections between the networks for remote access to the BAS.

BAS will integrate with the following control systems/ equipment via communication-based interface or dedicated contacts and will provide graphical user interfaces via BAS Web server, as necessary.

BAS Systems	
System	**Description**
Building Chilled Water System	BAS will provide graphical interface including equipment flow diagram showing all sensing and control devices associated with the system and provide ability to monitor, schedule and override applicable controls.
Heat Recovery Chiller	BAS will provide graphical interface including equipment flow diagram showing all sensing and control devices associated with the system and provide ability to monitor, schedule and override applicable controls.
Computer Room Air Conditioning Units (CRAC)	BAS will provide graphical interface including equipment flow diagram showing all sensing and control devices associated with the system and provide ability to monitor, schedule and override applicable controls.
Variable Frequency Drives	BAS will provide additional monitoring and remote notification for alarming.
Generator System	BAS will provide additional monitoring and remote notification for alarming.
Fuel Oil Management System	BAS will provide additional monitoring and remote notification for alarming.
Fire Alarm System (FAS) Monitoring	BAS will be monitoring contact termination points and/or addressable relays for Smoke Control and Equipment Shutdown.
Power Monitoring	BAS will provide additional monitoring for power consumption (LEED) and remote notification for alarming.

BAS Systems	
System	**Description**
Domestic Equipment: Sumps, ejectors, hot water equipment, pure water equipment, pressure boosters, etc.	BAS will provide additional monitoring as needed and remote notification for alarming of all systems.
CO2 Sensors	CO2 sensors will be utilized in all densely occupied spaces (conference rooms, Lecture Hall, etc.) and will be used for local demand-controlled ventilation.
Fume Hood and Laboratory Air Flow Control System	BAS will provide additional monitoring and remote notification for alarming.
Laboratory equipment such as refrigerators/freezers	BAS will provide additional monitoring and remote notification for alarming as required by Owner.

DESIGN CRITERIA

DDC controllers will utilize distributed architecture and will not rely on "front-end" or higher-level controller to perform required control sequence.

Systems with redundant mechanical equipment will have redundant controls installed to prevent a single controller failure from causing a total system failure.

DDC controllers serving major equipment will have a minimum of 2 spare points of each type (DI, DO, AI and AO) at each panel. For universal points, the spares will be divided evenly between the analog and digital types of points.

Control panels and DDC controllers serving equipment fed by emergency/stand-by power shall also be served by emergency/standby power. All BAS and DDC system primary controllers, PC's and communications equipment that monitors life safety and critical points (fire alarm, elevator emergency, etc.) will be supported by emergency generators. Control panels and DDC controllers fed by emergency/standby power will be served by individual UPS for each controller/system with minimum of 5 minutes of backup time.

Control air compressors will operate on emergency power.

Airflow tracking control using DDC will be utilized instead of space pressure control, to maintain the space pressure (positive, neutral, or negative) as required by the programming. Temperature, humidity, room pressure, and airflow shall be continuously monitored in BRL area. Alarms shall be generated when the environment is outside a specified range.

Equipment and Material

All control wiring will be installed in dedicated metal conduit.

BAS Web Application Server will be provided for operator control/monitoring of building control systems.

On new system, graphic displays shall be integrated into existing campus BAS. Graphics shall consist of real time digital representation of equipment schematic that include alarm fields, inputs and output values, setpoints, trending, scheduling. A link to sequences of operations and as-builts shall be present.

Controls System Equipment Reliability, Generator Power, and Capacity Matrix

System	Component	Component Redundancy	Preliminary Capacity	Generator Power
Building Automation System	All BAS Controllers	N	-	100%
Building Automation System	BAS Server	N	-	100%
Building Automation System	Engineering Workstation	N	-	100%
Building Automation System	Alarm Monitoring Workstation(s)	N	-	100%
Building Automation System	High Voltage Control Valves and Dampers	N	-	100%

i. Generator power requirements to be evaluated as design progresses.
ii. Redundancy 2N refers to system requiring N operating components with N operating components idle to provide 100% component redundancy.
iii. Redundancy N+1 refers to system requiring N operating components to provide 100% of load with one additional component provided.

This page is intentionally left blank.

8.10 VIBRATION AND NOISE MITIGATION

This section addresses the acoustic design features of the UIC DDCRP Project.

ROOM-BY-ROOM ACOUSTIC DESIGN CRITERIA

The following table summarizes the overall design approach to background noise, finishes to achieve desired reverberation characteristics, and general isolation requirements. Additional information regarding isolation requirements can be found in the DDCRP Acoustic Adjacency Isolation Matrix * and vibration criteria are stated in the Room Data Sheets provided in Section 10.1.

* If hyperlink to Excel DDCRP Acoustic Adjacency Isolation Matrix is broken, here is the full path to view and download the spreadsheet:
https://www.dropbox.com/scl/fi/msx1l9plvvc2c8q2ranpv/DDCRP-Acoustic-Adjacency-Isolation-Matrix_Issued-260206.xlsx?rlkey=l2rpuvziwslljpqdlqf31nytc&st=iwfemvwc&dl=0

Room Name	Noise Criteria[1]	Finishes - Walls	Finishes - Ceiling	Doors[2]	Additional Notes
1.1 Med Int Wet Lab	NC 35 -40		Cleanable ACT/Absorption covering entire ceiling, NRC 0.7+	Gasketed	
1.2.1 Med LS 11x11	NC 35 -40		Cleanable ACT/Absorption covering entire ceiling, NRC 0.7+	Gasketed	
1.2.2 Med LS 11x22	NC 35 -40		Cleanable ACT/Absorption covering entire ceiling, NRC 0.7+	Gasketed	
1.2.3 Med LER 11x22	NC 35 -40		Cleanable ACT/Absorption covering entire ceiling, NRC 0.7+	Gasketed	
1.4.1 High Int Wet Lab	NC 35 -40		Cleanable ACT/Absorption covering entire ceiling, NRC 0.7+	Gasketed	
1.5.1 High LS 11x22	NC 35 -40		Cleanable ACT/Absorption covering entire ceiling, NRC 0.7+	Gasketed	
1.5.2 High LER 11x22	NC 35 -40		Cleanable ACT/Absorption covering entire ceiling, NRC 0.7+	Gasketed	
1.7.1 Cold Room	NC 35 -40		Cleanable ACT/Absorption covering entire ceiling, NRC 0.7+	Gasketed	
1.7.2 Lab Kitchen Glasswash	NC 35 -40		Cleanable ACT/Absorption covering entire ceiling, NRC 0.7+		

Room Name	Noise Criteria[1]	Finishes - Walls	Finishes - Ceiling	Doors[2]	Additional Notes
1.7.3 Chem Storage	NC 35 -40		Cleanable ACT/Absorption covering entire ceiling, NRC 0.7+		
1.7.4 Instrumentation 22x22	NC 35 -40		Cleanable ACT/Absorption covering entire ceiling, NRC 0.7+	STC 55	AIC Full box-in-box construction with custom engineered structural isolation
2.2 Adv Imaging & Microscopy	NC 35 -40		Cleanable ACT/Absorption covering entire ceiling, NRC 0.7+	STC 55	AIC/AIJ Full box-in-box construction with custom engineered structural isolation
2.1 High Throughput Screening	NC 35 -40		Cleanable ACT/Absorption covering entire ceiling, NRC 0.7+	STC 55	AIC Full box-in-box construction with custom engineered structural isolation
Vivarium Holding	NC 35 -40		Cleanable ACT/Absorption covering entire ceiling, NRC 0.7+	STC 45	AIC Full box-in-box construction with custom engineered structural isolation. Assume CMU walls with GWB cap ceiling.
Vivarium Procedure	NC 35 -40		Cleanable ACT/Absorption covering entire ceiling, NRC 0.7+	STC 45	AIC Full box-in-box construction with custom engineered structural isolation. Assume CMU walls with GWB cap ceiling.
Lobby & Reception	NC 30 - 35		ACT/Absorption covering entire ceiling, NRC 0.7+		
Exhibition	NC 30 - 35	FWAP/Absorption (NRC 0.7+) on minimum 50% of two adjacent walls. Variable curtains if desired	ACT/Absorption covering entire ceiling, NRC 0.7+	STC 52	AIC Isolated ceiling and floor + resilient walls. If adjacent to exterior, double glazing with an airspace is necessary to mitigate outdoor noise

Room Name	Noise Criteria[1]	Finishes - Walls	Finishes - Ceiling	Doors[2]	Additional Notes
Exhibition Support	NC 30 - 35		ACT/Absorption covering entire ceiling, NRC 0.7+		
Multi-Purpose Room	NC 30 - 35	FWAP/Absorption (NRC 0.7+) on minimum 50% of two adjacent walls.	ACT/Absorption covering entire ceiling, NRC 0.7+	Gasketed	
Pre-Function	NC 30 - 35		ACT/Absorption covering entire ceiling, NRC 0.7+	Gasketed	
Conference XL	NC 30 - 35	FWAP/Absorption (NRC 0.7+) on minimum 50% of two adjacent walls.	ACT/Absorption covering entire ceiling, NRC 0.7+	Gasketed	
Conference, Large	NC 30 - 35	FWAP/Absorption (NRC 0.7+) on minimum 50% of two adjacent walls.	ACT/Absorption covering entire ceiling, NRC 0.7+	Gasketed	
Conference, Medium	NC 30 - 35	FWAP/Absorption (NRC 0.7+) on minimum 50% of two adjacent walls.	ACT/Absorption covering entire ceiling, NRC 0.7+	Gasketed	
Lactation Room	NC 30 - 35	FWAP/Absorption (NRC 0.7+) on 50% of two adjacent walls	ACT/Absorption covering entire ceiling, NRC 0.7+	Gasketed	AIC
Wellness Room	NC 30 - 35	FWAP/Absorption (NRC 0.7+) on 50% of two adjacent walls	ACT/Absorption covering entire ceiling, NRC 0.7+	Gasketed	AIC
Facilities Manager	NC 30 - 35	FWAP/Absorption (NRC 0.7+) on 50% of two adjacent walls	ACT/Absorption covering entire ceiling, NRC 0.7+	Gasketed	
Facilities Staff	NC 30 - 35	FWAP/Absorption (NRC 0.7+) on 50% of two adjacent walls	ACT/Absorption covering entire ceiling, NRC 0.7+	Gasketed	
IT Manager	NC 30 - 35	FWAP/Absorption (NRC 0.7+) on 50% of two adjacent walls	ACT/Absorption covering entire ceiling, NRC 0.7+	Gasketed	

Room Name	Noise Criteria[1]	Finishes - Walls	Finishes - Ceiling	Doors[2]	Additional Notes
Fire Control Room			Duct liner or similar absorptive material (high NRC) covering entire area of ceiling or area equivalent to ceiling distributed on walls and/or ceiling.	STC 55	AIC Isolated slabs and resilient head/base condition for walls. Isolation/expansion joint if possible. Spring-hung barrier ceiling or independent cap ceilings in spaces below and isolated slabs in spaces above.
Electrical Load Center			Duct liner or similar absorptive material (high NRC) covering entire area of ceiling or area equivalent to ceiling distributed on walls and/or ceiling.	STC 55	AIC Isolated slabs and resilient head/base condition for walls. Isolation/expansion joint if possible. Spring-hung barrier ceiling or independent cap ceilings in spaces below and isolated slabs in spaces above.
Generator Room			Duct liner or similar absorptive material (high NRC) covering entire area of ceiling or area equivalent to ceiling distributed on walls and/or ceiling.	STC 55	AIC Isolated slabs and resilient head/base condition for walls. Isolation/expansion joint if possible. Spring-hung barrier ceiling or independent cap ceilings in spaces below and isolated slabs in spaces above.
Vivarium MEP Gallery			Duct liner or similar absorptive material (high NRC) covering entire area of ceiling or area equivalent to ceiling distributed on walls and/or ceiling.	STC 55	AIC Isolated slabs and resilient head/base condition for walls. Isolation/expansion joint if possible. Spring-hung barrier ceiling or independent cap ceilings in spaces below and isolated slabs in spaces above.
Dock Manager Office	NC 30 - 35	FWAP/Absorption (NRC 0.7+) on 50% of two adjacent walls	ACT/Absorption covering entire ceiling, NRC 0.7+	Gasketed	

Room Name	Noise Criteria[1]	Finishes - Walls	Finishes - Ceiling	Doors[2]	Additional Notes
Workstation	NC 30 - 35		ACT/Absorption covering entire ceiling, NRC 0.7+	Gasketed	
Flex Office	NC 30 - 35	Absorption (FWAP or other) on available wall surfaces	ACT/Absorption covering entire ceiling, NRC 0.7+	Gasketed	
PI Office	NC 30 - 35	FWAP/Absorption (NRC 0.7+) on 50% of two adjacent walls	ACT/Absorption covering entire ceiling, NRC 0.7+	Gasketed	
Loading	NC 40 - 45		Tectum or similar absorptive material covering entire area of ceiling, NRC 0.7+	STC 55	Resilient head/base condition for walls. Spring-hung barrier ceiling or independent cap ceilings in spaces below and isolated slabs in spaces above.
Open Office	NC 30 - 35	Absorption (FWAP or other) on available wall surfaces	ACT/Absorption covering entire ceiling, NRC 0.7+	Gasketed	

1 – The following special construction requirements apply to rooms with noise criteria of NC 30 or below: all wall/floor/ceiling penetrations for building services must be sealed airtight to the standard of a two-hour fire rating; and all electrical back boxes must be wrapped with firestop putty.

2 – Gasketed doors assume a 1-3/4" solid wood or insulated-core hollow metal door with gaskets applied to a standard frame except where otherwise noted (later efforts will coordinated hardware and gasketing requirements). Gaskets assume an applied gasket on the frame and a fixed bottom seal that closes on a raised threshold. STC-rated doors are provided as a complete frame/leaf/gasket set. STC-rated doors may be provided in solid wood up to STC-50; doors greater than STC-50 will be steel doors, though these may be clad in wood veneer.

ACOUSTIC ISOLATION ADJACENCIES

As adjacencies are not set, the Excel document DDCRP Acoustic Adjacency Isolation Matrix * indicates STC and IIC rating minimums that will need to be met for any given adjacency. In reviewing the isolation assumptions please also note the following:

- Partition and wall/floor/ceiling assembly recommendations are presented as minimum options. Wherever more substantial construction is required for fire ratings or other reasons, this will be acoustically acceptable.
- Unless otherwise noted, partition recommendations assume the following:
  - Walls are full-height and are sealed to underside of deck
  - Gypsum board is to be 5/8" thickness, 42pcf density (normal weight)
  - Studs are to be 3-5/8" thickness, 24ga., at 16” o.c. (note that heavier gauge studs may necessitate the use of resilient clips to maintain acoustic separation)
  - Batt insulation is to be fiberglass at 3-1/2" thickness or mineral wood at 3" thickness
  - Acoustic sealant is to be provided at head and base
- Noise and vibration sensitive spaces also require the following:
  - Building service penetrations will need to be fully packed with insulation and closed with acoustic sealant (details to be coordinated in future design phases)
  - Electrical boxes on opposite sides of the wall must be separated by at least 24” and sealed with backbox putty.
- Double stud (or CMU and separated stud wall) assume a complete separation between studs, with no rigid ties between studs or between studs and CMU. Where bracing is required, a resilient sway brace should be used.
- Where Acoustically-Isolated Construction (AIC) is indicated, the intent is to provide a resilient layer at the boundary of the isolated construction.
  - Concrete Floating Floors
  - Resilient Head/Base Track Isolation
  - Spring-Isolated Ceilings or cap ceiling supported by independent walls
  - Resilient Clips for Walls and Ceilings
- Acoustic Isolation Joints (AIJs) may be necessary to meet isolation requirements, the goal is provide a continuous gap in the building structure and all interior fit out construction.
  - The structural gap should be a minimum of 2”
  - The gap may be reduced in some areas of the fitout construction to minimize the visual gap, but without rigidly crossing the joint.
  - Some vertical structural loads may be carried through custom-designed natural rubber bearing pads. These will be delegated design.

For doors and other manufactured assemblies with a claimed STC performance rating, manufacturer must guarantee an installed Noise Isolation Class (NIC) rating of no less than 5 points below the specified STC rating of the element/assembly when measured in accordance with ASTM E336. Following substantial completion, an independent, qualified laboratory or acoustics consultant shall perform Noise Reduction measurements to demonstrate that the specified performance standards of these elements/assemblies have been met or exceeded.

* If hyperlink to Excel DDCRP Acoustic Adjacency Isolation Matrix is broken, here is the full path to view and download the spreadsheet:
https://www.dropbox.com/scl/fi/h1hhrsfmuy73fuitvvm97/DDCRP-Acoustic-Adjacency-Isolation-Matrix_Issued-260313.xlsx?rlkey=nd3ojye2fknkhlyfub0n26cz1&st=ql4717ni&dl=0

STRUCTURAL VIBRATION CONTROL

The building’s structural system will significantly influence its response and susceptibility to vibration sources. Design the structure to meet a maximum 4,000 micro-inches per second (mips). More stringent vibration criteria will be required at discrete locations based on programmatic needs and equipment sensitivity. These vibration criteria (VC) are stated in the Room Data Sheets provided in Section 10.1. Potential sources of vibration include, but are not limited to, nearby CTA train operations, building MEP systems, vibration producing laboratory equipment, and occupant-induced activities such as footfall. Consideration should be taken to address vibration at the source and limit transmission to adjacent spaces as well as protecting vibration-sensitive equipment.

Section 13.14 provides an overview of the Site Sound Evaluation. Given the presence of vibration-sensitive spaces requiring VC-D/VC-E performance, follow-up vibration measurements during construction are recommended to characterize

below-grade and in-structure vibration conditions. These measurements should be used to confirm design assumptions, assess changes in site conditions due to excavation and construction activities, and verify that structural vibration isolation strategies are appropriately engineered prior to finalization of sensitive space layouts and equipment installation.

FAÇADE ASSUMPTIONS FOR NOISE TRANSMISSION CONTROL

Spaces with glazed façades facing the adjacent CTA rail lines may be exposed to intermittent elevated exterior noise levels associated with train pass events. For spaces requiring controlled acoustic environments, exterior noise transmission through glazing systems should be evaluated as part of the building envelope design.

Several strategies may be considered to limit exterior noise transmission through glazed façades facing the CTA tracks. These approaches can be implemented individually or in combination depending on architectural and programmatic requirements.

High-Performance Glazing

Exterior noise transmission can be reduced through the use of glazing systems designed for improved acoustic performance. Options include laminated glass, insulated glazing units with asymmetric pane thickness, or multi-pane glazing systems with airspace between panes. While these systems are effective, they may not provide sufficient isolation to eliminate awareness of CTA activity.

Secondary Glazing with Deep Airspace

Where higher levels of sound isolation through the façade are required, a secondary interior glazing system separated from the exterior façade by a deep airspace can significantly improve noise reduction. A minimum 6-inch airspace between glazing faces is recommended, but deeper airspaces will improve isolation. In some building configurations, this airspace may be incorporated into the architectural layout as a circulation zone.

Façade Design and Interior Planning

Reducing the amount of glazing on façades facing the rail line can also help reduce transmitted noise levels. Increasing the proportion of opaque wall construction or limiting glazing to select areas can improve the overall façade sound isolation as opaque assemblies provide a greater potential for high sound transmission loss than glazing. Locating circulation or other less noise-sensitive functions may be desirable.

MECHANICAL, ELECTRICAL, PLUMBING, FIRE PROTECTION, AND LOW VOLTAGE SYSTEM NOISE CONTROL

Building Planning and Architectural Considerations for Equipment Rooms

The following are general guidelines for the locations of Mechanical and Electrical Rooms:

- Where possible, locate MERs on-grade at least one structural bay away from noise and vibration sensitive spaces to help limit structure-born vibration.
- If equipment is located on upper levels, position it near major beams and supporting columns. Keep span lengths to a minimum. Locating equipment at mid-spans or on long spans increases the difficulty in controlling the noise in the building structure.
- Where equipment must be located on rooftops, separate from noise and vibrations sensitive spaces by at least two structural bays. Additionally, consideration should be given to the proximity of rooftop equipment to property lines where noise ordinances may present additional restrictions on equipment noise levels.
- Avoid locating Mechanical and Electrical Rooms either horizontally or vertically adjacent to noise and vibration sensitive spaces. Use buffers spaces (e.g. circulation, storage, or other less sensitive rooms) wherever possible. If adjacency cannot be avoided, robust walls, floor, and ceiling will be required.

- Do not place equipment room doors directly in noise sensitive spaces.
- Locate fresh air and exhaust openings away from occupied outdoor areas and away from windows, doors, or vents where noise could re-enter the building.
- Provide housekeeping pads, at least 4” thick under floor mounted mechanical and electrical equipment to provide local mass and stiffness.

Mechanical Systems Noise & Vibration Control

GENERAL REQUIREMENTS

- Size fans for ASHRAE 90.1 efficiency with lowest possible rpm
- Select terminal devices (diffusers, grilles) 10dB below room noise criterion (e.g., NC-25 for RC-35 spaces)
- Fire dampers shall have blades that fully retract from airstream

INTERNAL DUCTWORK LINING

- Internal duct lining required for:
  - All ductwork serving rooms below NC-35
  - Within 30' of fans/AHUs for spaces below NC-35
  - 10' downstream of VAV and fan-powered boxes
  - All transfer ducts and return air intakes

QUIET SPACES (BELOW NC-30)

- Provide 5' sound attenuators at supply/return for all air handling equipment
- Balance airflow using static pressure regain to minimize dampers
- Locate terminal boxes outside room footprint with adequate duct run for noise attenuation to the extent possible
- Use round exposed ductwork with radiused elbows
- Install acoustically-rated flexible connections at diffusers
- Sleeve and seal all duct wall penetrations with insulation and non-hardening caulk
- Provide pressure-relief ducts for non-actively ventilated sound and light locks to avoid door suction

In planning equipment locations and mounting conditions, we recommend the following vibration isolation be assumed for mechanical equipment:

Equipment	Base	Isolator[2]	Additional Notes
Cooling Towers	Steel Frame[1]	Restrained Spring Mounts	Static deflection varies by fan speed
Chillers	Steel Frame[1]	Restrained Spring Mounts	Static deflection varies by chiller type
Boilers	Steel Frame[1]	Restrained Spring Mounts	--
Pump/Compressor – Centrifugal	Inertia Base	Spring Mounts	Size of inertia base determined by pump HP
Pump/Compressor – Inline	Inertia Base (none if hanging)	Spring Mounts or Hangers	Size of inertia base determined by pump HP
Motors (if on separate base)	Steel Frame[1]	Spring Mounts or Hangers	--

Equipment	Base	Isolator[2]	Additional Notes
Fans, AHU's & RTU's	Steel Frame[1] or Curb	Spring Mounts or Hangers	Curbs w/integral springs acceptable for rooftop equipment AHU's with internal fan isolation may be installed on external neoprene pads in lieu of springs
Condensing Unit	Steel Frame[1] or Curb	Restrained Spring Mounts	Curbs w/integral springs acceptable for rooftop equipment
Fan-Powered Boxes and FCU's	None	Spring Hangers	For FPB/FCU > 2,500cfm only; no isolation required for smaller units
Passive Devices (Expansion Tanks, Heat Exchangers, Deaerators, etc.)	None	Neoprene Mounts or Hangers	
Ductwork and Piping Within 30ft. of Equipment	None	Spring Hangers & Flex Connectors at Equipment	Exception is for piping with diameter < 1" which may be wrapped in neoprene and clamped instead
Ductwork & Piping within 8ft. of crossing isolated construction or under a room with noise criteria of < RC 25	None	Neoprene Hangers or All-Direction Wall Mounts	Exception is for piping with diameter < 1" which may be wrapped in neoprene and clamped instead

1 – Steel frame bases may not be required for equipment that can be supported on point loads

2 – Isolation requirements may be relaxed for on-grade installations of some equipment

In preparing preliminary duct layouts, we recommend that the following velocity guidelines be used to size ducts, while also considering the following:

- Where variable air volume systems are used, ducts should be sized assuming the system is operating at full capacity.
- Velocities should not increase or decrease by a factor more than 2:1 along any main or branch.

Velocity Guidelines [FPM]						
Noise Criteria	**At End of Open Slot[1]**	**Face/Neck of Grille/ Diffuser[1]**	**Within 10' of Grille/ Diffuser**	**Within 20' of Grille/ Diffuser**	**Within 50' of Grille/ Diffuser**	**Exposed ducts in Room[3]**
NC 15 supply	350	n/a[2]	350	425	850	800
NC 15 return	350	n/a[2]	350	500	1,000	800
NC 20 supply	500	300	500	550	1,100	800
NC 20 return	500	350	500	650	1,300	800
NC 25 supply	550	350	550	700	1,400	800
NC 25 return	550	425	650	800	1,600	800
NC 30 supply	700	425	700	850	1,700	900
NC 30 return	700	500	800	900	1,800	900
NC 35 supply	800	500	800	1,000	2,000	1,200
NC 35 return	800	600	900	1,100	2,000	1,200
NC 40 supply	900	600	900	1,100	2,000	1,200
NC 40 return	900	700	1000	1,200	2,000	1,200

1 – Velocities up to 25% higher may be permissible with smooth transitions to diffusers, slots, or grilles.

3 – Ducts exhibiting higher velocities will need to be enclosed in soffits, wrapped in lagging, or be constructed of significantly heavier construction than might otherwise be required.

Electrical System Noise & Vibration Control

Electrical systems should be installed in a manner that minimizes transmission of objectionable vibration into the building structure. Required isolation will include, but is not limited to, the resilient mounting of transformers, dimmer racks, motor starters, remote light fixture ballast cabinets, variable frequency motor controllers and related conduit.

GENERAL REQUIREMENTS

- Acoustic cable passes may be acceptable on case-by-case basis
- See attached penetration detail sketches

PARTITION PENETRATIONS

- Separate electrical boxes by 16" minimum within partitions separating rooms with a noise criterion of NC-30 or greater, and by 3' minimum in quieter spaces
- Pack all conduit penetrations with mineral fiber insulation and seal with non-hardening caulk
- Install firestop putty at all back-boxes in partitions for spaces below NC-30
- Route cables in conduit only - no loose cables through partitions serving noise sensitive spaces

EQUIPMENT ISOLATION

- Resiliently mount transformers, dimmer racks, motor starters, ballast cabinets, and VFDs
- Use flexible connections for all electrical connections to isolated equipment

In planning equipment locations and mounting conditions we recommend the following vibration isolation be assumed for electrical equipment:

Equipment	Base	Isolator[2]	Additional Notes
Transformers	Steel Frame[1]	Neoprene Mounts or Hangers	--
Motors (if on separate base)	Steel Frame[1]	Spring Mounts or Hangers	--
Dimmer Racks	Steel Frame[1]	Neoprene Mount	--
Audio System Racks	Steel Frame[1]	Neoprene Mount	--
Motor Control Centers	Steel Frame[1]	Neoprene Mount	--
Emergency Generators	Steel Frame	Restrained Spring Mounts	--
Enclosures/Cabinets containing relays, transformers, ballasts, or choke coils	Steel Frame[1]	Neoprene Mount	--

Equipment	Base	Isolator[2]	Additional Notes
Conduit Within 30ft. of Equipment	None	Spring Hangers & Flex Connectors at Equipment	Exception is for conduit with diameter < 1” which may be wrapped in neoprene and clamped instead Flexible conduit acceptable for conduit <2” diameter (minimum 18” length); Neoprene flexible connector required for larger conduit
Conduit within 8ft. of crossing isolated construction or under a room with noise criteria < NC 25	None	Neoprene Hangers or All-Direction Wall Mounts and Flex Connector	Exception is for conduit with diameter < 1” which may be wrapped in neoprene and clamped instead Minimum length of 18” of flexible conduit where used at crossing of isolated construction

1 - Steel frame bases may not be required for equipment that can be supported on point loads

2 - Isolation requirements may be relaxed for on-grade installations of some equipment

Plumbing Systems Noise & Vibration Control

Acoustic considerations for plumbing systems are not extensive, but some care should be taken with respect to plumbing fixture location and control of fixture generated noise as follows:

FIXTURE LOCATION

- Avoid locating plumbing fixtures directly on walls of rooms below NC-30
- If proximity required, limit to lavatories only and provide independent wall support for plumbing lines

PIPING ROUTES

- Route vent lines outside quiet spaces or within enclosed chases to prevent airborne sound transfer
- Avoid circulating water pipes and rain leaders in rooms below NC-30
- If piping must pass through quiet spaces, enclose in gypsum chase or insulate and wrap with mass-loaded vinyl
- Avoid PVC pipe in rooms below NC-30

PENETRATIONS

- Sleeve and oversize all pipe penetrations through walls of quiet spaces
- Pack penetrations with glass fiber insulation and seal with non-hardening caulk.

In planning equipment locations and mounting conditions we recommend the following vibration isolation be assumed for plumbing equipment:

Equipment	Base	Isolator[2]	Additional Notes
Boilers	Steel Frame[1]	Restrained Spring Mounts	--
Pump/Compressor – Centrifugal	Inertia Base	Spring Mounts	Size of inertia base determined by pump HP
Pump/Compressor – Inline	Inertia Base (none if hanging)	Spring Mounts or Hangers	Size of inertia base determined by pump HP
Sump & Ejector Pumps	None	Neoprene Pads	
Passive Devices (Expansion Tanks, Heat Exchangers, Deaerators, etc.)	None	Neoprene Mounts or Hangers	
Piping Within 30ft. of Equipment	None	Spring Hangers & Flex Connectors at Equipment	Exception is for piping with diameter < 1” which may be wrapped in neoprene and clamped instead
Piping within 8ft. of crossing isolated construction or under a room with noise criteria < NC 25	None	Neoprene Hangers or All-Direction Wall Mounts	Exception is for piping with diameter < 1” which may be wrapped in neoprene and clamped instead

1 - Steel frame bases may not be required for equipment that can be supported on point loads

2 - Isolation requirements may be relaxed for on-grade installations of some equipment

Fire Protection System Noise & Vibration Control

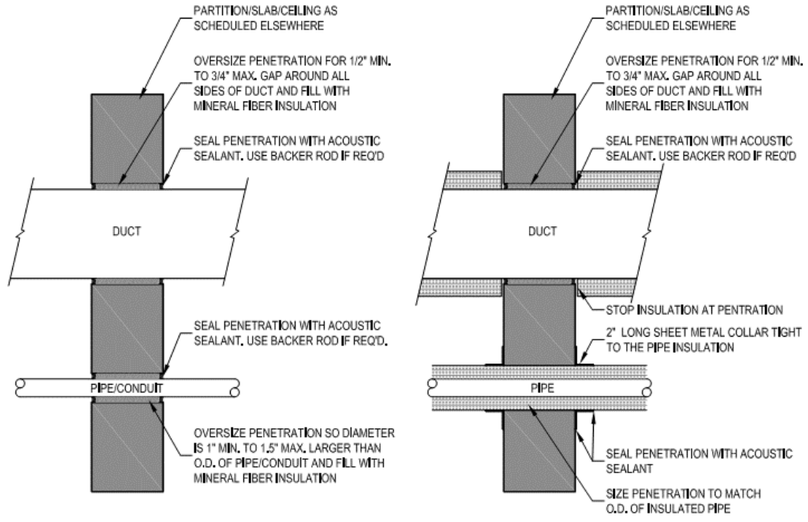
Acoustic considerations for fire protection systems are not extensive, but some care should be taken with respect to fire pump type, location, and operation and sounder type:

- Where wet sprinkler systems are used for rooms with noise criteria less than NC 30, jockey pumps should be sized to maintain pressure in the system while minimizing the frequency of operation of the pump.
- Initialization devices, annunciators, and visual and audible devices should not emit or transfer noise from one room to another except during system activation in an emergency. This may require more extensive home run circuiting for annunciators than is typical.
- It has been our experience that local codes restrict the use of vibration isolation on fire protection systems. If codes allow, however, the recommendations detailed for plumbing noise and vibration control are to be followed.
- All pipe penetrations through partitions of rooms with noise criteria of less than NC 30 should be sealed to prevent the transfer of sound; they should be packed with mineral insulation and sealed with a non-hardening caulk in a manner consistent with fire ratings and other life safety considerations. See the attached penetration details sketches.

Low Voltage (IT, Telecommunications, Controls and AV) System Noise & Vibration Control

- All conduit penetrations through partitions of rooms with noise criterion of less than NC 30 should be sealed to prevent the transfer of sound; they should be packed with mineral fiber insulation and sealed with a non-hardening caulk in a manner consistent with fire ratings and other life safety considerations.
  - Loose cable may not be passed through partitions – cable must be in a conduit when serving the space with a noise criterion below NC 30.
  - An acoustic cable pass may be deemed acceptable – to be determined on a case-by-case basis.

See the attached penetration details sketches.



Penetration with No External Insulation Penetration with External Insulation

Sketch Notes:

- Coordinate pentation details with fire rating requirements.
- Where penetrations occur through multi-wythe partitions, apply sealant at outer face of each wythe.

This page is intentionally left blank.

8.11 LANDSCAPE & HARDSCAPE

PLANTING

Design Approach

The approach to the planting design for the project site establishes the framework for a cohesive and resilient landscape which supports the distinct outdoors spaces adjacent to the DDCRP and reinforces broader UIC campus goals. The approach is guided by UIC campus policies, design standards, and long-term stewardship objectives, with an emphasis on durability, maintainability, and environmental performance.

The overall aesthetic shall be informal in appearance, flowing from one space to the next, using mixed, layered plantings to provide year-round interest. Plantings shall be organized using clear, block-style compositions that reinforce spatial definition, enhance visual clarity, and simplify long-term maintenance of the greenspaces.

The streetscape frontage is an important first impression. Right-of-way trees and the planting at the North Plaza shall have shade or ornamental trees that will provide a full canopy. Using layered masses of understory plantings, the planting design shall allow for 4 season interest. Plant selections should not be monochromatic but should use a focused palette that will be repeated moving down Park Livingston Health Walk.

Park Livingston Health Walk is an opportunity to provide a variety of trees and shrubs that will set the rhythm for the design along the walkway. Perennials, grasses, and shrubs should be used in a way that helps create ‘rooms’, where people are encouraged to pause and interact, while continuing a cadence along the walkway to keep the pedestrians’ eye moving.

The South Plaza is intended to be an area of slower pace: a place to enjoy the lawn, find seating under the trees, with views to larger masses of perennials and shrubs. Larger planting beds provide an opportunity to build on the informal, flowing planting style.

New plantings in the adjacent parking lot shall be hardy enough to withstand the pressures of salt, traffic, and harsher conditions but the character should be in keeping with the rest of the DDCRP landscape. These areas are prime for using similar plantings as the front plaza to reinforce the visual continuity from the front entry plaza around the entire building.

Proposed Plant Palette Considerations

UIC is actively trying to broaden its biodiversity on campus through mix of plant types & species (Campus Pollinator Habitat Plan, 32 93 00 Plants). Proposed planting plans shall be in keeping with style of adjacent UIC planting. All new plantings shall be hardy to zone 6a/5b and locally grown or sold. Nursery stock must meet minimum requirements of the American Standards for Nursery Stock (ASNS) as well as per city code and standards. UIC & CDOT must approve all new plantings in public ROW.

Proposed plantings shall be low maintenance, drought tolerant, and disease resistant. Emphasis shall be placed on native and adaptive plant species selected for durability, ecological performance, and compatibility with site-specific conditions, including urban soils, salt exposure, and variable sun and shade unique to each space. Aesthetically, plantings should be pleasing year-round – considerations include flowering species, fall/winter foliage, unique texture and/or form, and bloom time. The use of vines/climbing and attaching to exterior surfaces are prohibited.

1. New Trees – Tree planting requirements for parkway planting, parking lot planting, and vehicular use area screening planting should abide by the requirements set forth in the Chicago Landscape Ordinance unless otherwise exempted by the Superintendent of Grounds. Avoid planting trees where may impede visibility, damage sidewalks/buildings/utilities, or create other unsafe conditions. At street, driveway, and alley intersections follow the planting setbacks and sight triangle requirements set forth in the Chicago Landscape Ordinance. Avoid planting trees too close together and allow room for mature spread of each adjacent tree (2020 Tree Care Plan 3.4.5.4). New tree plantings must follow the planting policies and sourcing guidelines written in the UIC Tree Care Plan (2020 Tree Care Plan 3.5.3). Choose species that can tolerate given soil conditions and volumes. Plan for the mature size of the tree above ground. Be sure tree heights will not interfere with overhead utilities, pedestrians, or adjacent buildings. Trees

should create minimal debris (2020 Tree Care Plan 3.5.1). Refer to the Campus Tree Care Plan and CDOT guidelines for the list of prohibited tree species.

2. Street/ROW Trees – All new street & right-of-way trees must comply with CDOT and UIC rules when appropriate (2020 Tree Care Plan 3.1.4). Provide landscape plans that comply with the Guide to the Chicago Landscape Ordinance. 2.5" – 3" caliper trees are required. Street trees shall be planted 25' on center. A rule of note – CDOT allows tree species in groups of 3 or less. Genera maximization is determined by the overall quantity of trees/ project and the limit of 10%-15% representation. Both CDOT & UIC will not use Acer as that species is overplanted both on campus and in Chicago streetscapes (2020 Tree Care Plan Appendix 1).

   Suggested tree selections: *Catalpa speciosa, Celtis occidentalis, Ginkgo biloba* (male cultivars only), *Gymnocladus dioicus 'Espresso', Quercus bicolor, Quercus imbricaria, Quercus muehlenbergii, Taxodium distichum, Ulmus 'Patriot'*, 'New Horizon', 'Prairie Expedition', or 'Princeton' (UIC New Building Design Guidelines, Fall 2024)

3. Park Livingston Health Walk & North Plaza – Verify light conditions are full sun to part shade. Include a mix of shade trees, evergreens, and multi-stem/ornamental trees. Use deciduous shrubs, evergreen shrubs, and a mix of grasses, flowering perennials, and bulbs to reinforce the different 'rooms' of the design. Utilize microclimate differences where appropriate to create shade gardens, semi-private study and gathering spaces, and a procession north to south.

   Suggested tree selections: *Carpinus caroliana, Catalpa speciosa, Celtis occidentalis, Ginkgo biloba* (male cultivars only), *Gymnocladus dioicus 'Espresso', Liriodendron tulipifera, Platanus 'Exclamation', Quercus bicolor, Quercus imbricaria, Taxodium distichum, Tilia spp., Amelanchier grandiflora 'Autumn Brilliance', Betula nigra, Cercis canadensis, Cornus mas 'Golden Glory'* (UIC New Building Design Guidelines, Fall 2024)

4. South Plaza – Trees/multi-stems/ornamentals chosen for this area should have appropriate branching height for passing pedestrians, a canopy that allows dappled shade, and uniform habit. Any understory plantings shall be shade tolerant. Use a variety of textures and colors to create an interesting ground plane that does not interfere with lower branching heights.

   Suggested tree selections: *Amelanchier grandiflora 'Autumn Brilliance', Betula nigra, Populous tremuloides, Tilia spp.* (UIC New Building Design Guidelines, Fall 2024)

5. Parking Lot – All planting in this area shall have salt tolerance, especially in immediate vicinity to vehicular traffic areas. Verify light conditions are full sun to part shade. Include a mix of both shade trees and multi-stem/ornamental trees. Trees should create minimal debris as not to affect the adjacent parked cars.

   Suggested tree selections: *Aesculus glabra 'JN Select', Catalpa speciosa, Gymnocladus dioicus 'Espresso', Taxodium distichum, Amelanchier grandiflora 'Autumn Brilliance', Betula nigra, Populous tremuloides* (UIC New Building Design Guidelines, Fall 2024)

6. New Shrubs – New shrub plantings should be laid out in a block-style planting scheme: groups/masses of single plant species, making for a graphic planting design that is easier to maintain. Single specimen shrubs can be used as accents. All shrubs should be appropriately chosen for sun/shade requirements, water availability, salt tolerance, and mature size. Include a variety of species/cultivars for multi-seasonal interest (UIC New Building Design Guidelines, Fall 2024). Group plants with alike maintenance and cultural needs. Different areas of the garden can have different themes but should have an overall cohesive nature. Campus is generally lacking in evergreens so incorporating evergreen species where appropriate is encouraged.

Suggested shrub selections: *Taxus densiformis* (note: avoid large massings as they can act as burrows for rodents)*, Juniperus spp., Spirea betulifolia* 'Tor*', Hydrangea paniculata* 'Jane*', Cornus spp., Ilex verticillata, Viburnum spp., Syringa spp.* (UIC New Building Design Guidelines, Fall 2024)

7. New Perennials – New perennial plantings should be laid out in a block-style planting scheme: groups/masses of single plant species, making for a graphic planting design that is easier to maintain. All perennial/grasses/groundcovers should be appropriately chosen for sun/shade requirements, water availability, salt tolerance, and mature size. Include a variety of species/cultivars for multi-seasonal interest (UIC New Building Design Guidelines, Fall 2024). Group plants with alike maintenance and cultural needs. UIC encourages the planting of pollinator plants. Different areas of the garden can have different themes but should have an overall cohesive nature.

   Suggested perennial selections: *Hemerocallis* 'Little Wine Cup'*, Perovskia* 'Little Spire'*, Salvia nemerosa* 'Caradonna'*, Allium* 'Summer Beauty'*, Nepeta* 'Walkers Low'*, Hosta* 'August Moon'*, Echinacea pallida, Panicum virgatum* 'Shenandoah'*, Calamagrostis x acutliflora* 'Karl Foerester'*, Sporobolus heterolepis* (UIC New Building Design Guidelines, Fall 2024, 240208_Campus Grounds Design Standards)

8. Turf – Seed or sodding are permitted for use as the primary groundcover in campus softscapes, including between building perimeters and sidewalks, property lines and in open green space. Spring and Fall are ideal for seeding and sod installation. If the construction schedule does not accommodate this, installation can occur at any time (except winter) with adequate watering. If using seed, the seed mix shall consist of: 30% Kentucky Bluegrass, 30% Creeping Red Fescue and 40% containing two of the following turf-type perennial Ryegrasses: Accent, APM, Caddishack or Monterey II. If using sod, the sod will be Black beauty tall fescue overseeded with a mix of Kentucky Bluegrass and Ryegrass (240208_Campus Grounds Design Standards).

9. Bulbs – Bulbs are encouraged for providing spring seasonal interest. Consider planting bulb mixes or a mixture of varieties with different bloom times for an extended display. Choose perennial bulbs for multi-year use. Use a mixture of forms, textures, and colors. Use both leaf and flower as an opportunity for visual interest.

Refer to Campus Grounds Design Standards for additional information.

Existing Trees

Development of the DDCRP landscape design shall prioritize preservation of existing trees where possible. All proposed construction shall refer to the Tree Care Plan with counsel from UIC Facilities Management (Grounds) in order to assess the number and value of potential tree loss in the area. Refer to UIC's inventory of trees on campus via ArborScope (2020 Tree Care Plan, 2.2). Bartlett Tree Experts serve as UIC's primary consulting arborist and tree service company for tree removals, canopy pruning, root pruning, air spading, among other services.

1. Tree Inventory – Construction projects should refer to the tree inventory map on ArborScope prepared by Bartlett Tree Experts to gather information on all trees located on the project site. Upon reference of the inventory map and current plans, potentially affected trees should be placed in one of three categories: not salvageable, low priority, and high priority (2020 Tree Care Plan, 3.4.1). A tree preservation plan must be drafted in preparation for construction during which trees might be negatively impacted (2020 Tree Care Plan, 2.2). The tree preservation plan must include the tree identification numbers noted on the ArborScope inventory, size, species, common name, condition, and indicate whether the tree is proposed to be protected in place or removed. Refer to the UIC Tree Care Plan for more information.

2. Tree Protection – A tree protection zone (TPZ) must be established for all trees selected for preservation during construction. These zones are meant to protect the root systems, and woody tissues from construction related

damage. Fencing of the TPZ shall extend 1 foot from the trunk for each inch in trunk diameter measured at a height of 4.5 feet. Signage shall be placed on the outside of the TPZ which clearly states the purpose of the zone, with instructions to keep construction activities outside of fencing (2020 Tree Care Plan, 3.4.3 & 32 93 00 Plants). If construction activities cannot clear the extent of trees' preservation zones, those trees are assumed to be damaged during construction and must be accounted for protection and fencing must adhere to the guidelines stipulated within the UIC Tree Care Plan.

3. Repair – Damage to existing campus landscape materials is the responsibility of the contractor and must be restored to original condition or satisfactory terms (240208_Campus Grounds Design Standards Section 2 a). Contractors will be held accountable for all damage sustained to campus trees as a result of construction processes. Tree damage repairs are based on the recorded value of the existing tree impacted. In the event of tree damage, the designee of the Vice Chancellor for Administrative Services may specify alternate landscape improvements that equal the dollar value of the loss incurred by the tree damage. Refer to Campus Grounds Design Standards – Landscape & Plant Materials – Construction Requirements – Repair for further information.

Refer to Campus Grounds Design Standards for additional information.

Irrigation

Landscapes and plant material that are a component of a transformational grounds project or new building site are to be provided with a complete underground irrigation system. Aquamist is the irrigation contractor for all campus irrigation. They are responsible for plans, details, installation, & maintenance. During the design process provide Aqauamist with finalized plans so they can design system accordingly (32 84 00 Plant Irrigation).

The irrigation system shall include a Wi-Fi-enabled irrigation controller located interior to the building. The controller location, power supply, and network connectivity should be coordinated with electrical and telecommunication trades to ensure proper integration with building infrastructure.

Refer to Campus Grounds Design Standards for additional information.

Soils

Per the UIC Tree Care Plan, In-situ soils are generally assumed to be poor since campus was built over fill. Perform soil testing to obtain recommendations to better inform tree placement (240208_Campus Grounds Design Standards), species selection, & planting details. It is important to include detailed soils plans/information of the proposed soil conditions. Where detrimental soil conditions are observed, digging a planting hole 2-3 times the width of the root ball diameter is recommended. If space is limited or other project constraints exist, the planting hole should be made as wide as possible. Under-drainage is recommended.

Refer to Campus Grounds Design Standards for additional information.

HARDSCAPE

Design Approach

The design approach for hardscape materials focuses on campus cohesion and creating comfortable and meaningful outdoor spaces. Balancing function with aesthetics and visual interest, the hardscape palette is envisioned to include materials such as cast-in-place concrete, precast concrete, concrete unit pavers, and limestone. Hardscape elements shall adhere to the general requirements set out in the UIC Campus Grounds Design Standards, including safety requirements, construction requirements, and snow removal considerations. The specified materials shall also follow the basis of design parameters laid out in the UIC Campus Grounds Design Standards.

- W. Polk Street Parkway – The street frontage shall carry through a consistent design language from the adjacent streetscape. This shall

include concrete sidewalk and trees in metal grates. The materials shall follow the Guide to the Chicago Landscape Ordinance and CDOT standards.

- North Plaza – The plaza at the north end of the site is designed to accommodate daily movement while also providing a welcoming gathering place. The plaza integrates decorative concrete unit pavers and curbed plant beds with built-in informal seating to complement the building.
- Park Livingston Health Walk – Categorized as a 'major walkway', Park Livingston Health Walk shall be primarily vehicular cast-in-place concrete, comply with fire lane requirements, and be fully accessible per ADA requirements. Quieter pocket spaces adjacent to the main walk shall consider unit pavers to delineate these spaces from the primary circulation route. The pocket spaces are defined by raised concrete planters with wooden seat toppers to encourage small group gathering. Raised planters provide opportunities for tree planting on-structure at areas above the basement MEP spaces.
- South Plaza – The South Plaza is planned as a gathering node for the campus, featuring a sunken lawn with a prominent precast concrete terraced seating element, as well as a large stone stepped seating feature. The lawn is to be accessible by concrete stairs and a ramp. The upper plaza area shall consider concrete unit pavers to match the North Plaza and Park Livingston Health Walk nooks, providing material continuity across the site.

Material Criteria

Refer to UIC New Building Design Guidelines, Fall 2024, UIC Campus Grounds and CDOT Design Standards for additional information.

Pavement / Surfaces

- ROW sidewalk concrete paving
  - Materials: 5" thick with epoxy coated welded wire fabric placed on 6" of compacted CA-6
  - Color: per campus standard
  - Finish: light broom
- Campus concrete paving
  - Materials: 8" thick with epoxy coated welded wire fabric placed on 6" of compacted CA-7
  - Color: per campus standard
  - Finish: light broom
- Permeable pedestrian unit pavers
  - Materials: 12" square pavers placed on 6" of CA-7 and 6" of compacted CA-6
  - Color: per campus standards, or approved alternate
  - Finish: per campus standards, or approved alternate
- Non-permeable pedestrian unit pavers
  - Materials: 4"x12" square pavers placed on 5" CIP concrete on 6" of compacted CA-6
  - Color: per campus standards, or approved alternate
  - Finish: per campus standards, or approved alternate
- Vehicular unit pavers
  - Materials: 4"x12" square pavers placed on 8" CIP concrete on 8" of compacted CA-6
  - Color: per campus standards, or approved alternate
  - Finish: per campus standards, or approved alternate
- Metal tree grates
  - Materials: Neenah Foundry 4' x 10' Cast gray iron "R-8815-B4", or approved alternate
  - Finish: Not painted

Walls / Curbs

- Concrete seat walls
  - Materials: Precast concrete
  - Size: 18" H x 18" D
  - Color: Light grey
  - Finish: Light acid wash
- Raised planter wall
  - Materials: Precast concrete
  - Size: 18" H x 12" D
  - Color: Natural
  - Finish: Light broom

- Concrete stadium seating
  - Materials: Precast concrete
  - Size: 18” H x 18” D
  - Color: Light grey
  - Finish: Light acid wash
- Stone outcropping
  - Materials: Limestone on 6” of compacted CA-6
  - Color: LA to select from standard options
  - Finish: Natural
- Raised planter curb
  - Materials: Cast-in-place concrete
  - Size: 6” H x 6” D
  - Color: Natural
  - Finish: Light acid wash

Stairs

- Precast concrete stairs
  - Materials: Precast concrete
  - Size: Varies
  - Color: Light grey
  - Finish: Light acid Wash
- Metal handrails
  - Materials: Stainless Steel
  - Size: Varies
  - Color: N/A
  - Finish: Brushed

SITE FURNISHINGS

Design Approach

The site furnishings design approach utilizes the campus-wide suite of standard elements while incorporating custom furnishings selectively. Furnishings shall adhere to the location, installation, and construction requirements outlined in the UIC Campus Grounds Design Standards. Site furnishings are to be anchored to the hardscape surface and interactive furnishings shall be ADA compliant. The site furnishings palette follows a cohesive material language, consisting of hardwood seating and silver colored metal elements. The selections include a variety of seating types for different applications, including freestanding benches, picnic tables, fixed tables and chairs, and custom metal planters with wooden seating. The raised concrete planters located along Park Livingston Health Walk shall be topped with custom wood seat toppers for additional seating opportunities. Other standard campus-wide elements include trash receptacles, light poles, bollards, and bike racks.

- W. Polk Street Parkway – As it lies within the City of Chicago right-of-way, the Street Frontage shall be clear of new site furnishings. Removable safety bollards shall be placed immediately within the property line at Park Livingston Health Walk. Bike racks will also be located within the property line.
- North Plaza – The furnishings in the North Plaza are kept minimal. The planter walls are topped with wood bench seating, providing opportunities for respite under the shade of the trees. A block of bike racks shall be located at the eastern edge of the plaza, adjacent to the CTA station. Finally, the plaza will be lit with pedestrian light poles.
- Park Livingston Health Walk – shall be clear of furnishings in the designated fire lane, but its sides will feature freestanding benches, trash and recycling receptacles, and pedestrian light poles at regular intervals. In addition, the east side adjacent to the proposed building facade shall feature furnished pocket spaces with seating to encourage small group gathering. The raised concrete planters will be topped with custom wood benches similar to those in the North Plaza. At both ends of the walk, there will be removable safety bollards spaced at 5’ OC for pedestrian safety.
- South Plaza – The South Plaza is primarily a large gathering space, with plentiful built-in and freestanding seating options for gathering. The upper spaces surrounding the sunken lawn provide ample space for fixed tables and chairs, along with trash and recycling receptacles adjacent to the seating areas. The upper plaza spaces and sunken lawn area will be lit with pedestrian light poles.

Design Criteria

Refer to UIC New Building Design Guidelines, Fall 2024, Campus Grounds and CDOT Design Standards for additional information.

- Custom wood bench (seat wall topper)
  - Materials: Ipe wood with FSC certification, steel armrests and frame
  - Size: varies
  - Color: N/A
  - Finish: Steel armrests and frames to match Forms + Surfaces ‘silver texture’ powdercoated finish
- Picnic table
  - Materials: Forms + Surfaces Knight table ensemble, Ipe wood with FSC certification
  - Size: 8’-0” L
  - Color: N/A
  - Finish: Steel frames to have Forms + Surfaces ‘silver texture’ powdercoated finish
- Freestanding bench
  - Materials: Forms + Surfaces Pacifica bench, Ipe wood with FSC certification
  - Size: 8’-0” L
  - Color: N/A
  - Finish: Armrests and steel frames to have Forms + Surfaces ‘silver texture’ powdercoated finish
- Fixed tables and chairs
  - Materials: Forms + Surfaces 4-seat Tangent table, Ipe wood with FSC certification
  - Size: N/A
  - Color: N/A
  - Finish: Steel frames to have Forms + Surfaces ‘silver texture’ powdercoated finish
  - Standard four seat option is required for ADA compliant wheelchair accessibility
- Trash and recycling receptacle
  - Materials: Forms + Surfaces Tonyo receptacle, 60 gal, split-stream configuration
  - Size: N/A
  - Color: N/A
  - Finish: Forms + Surfaces ‘silver texture’ powdercoated finish
  - 36” OC spacing
- Bike rack
  - Materials: Landscape Forms Emmerson rack
  - Size: N/A
  - Color: N/A
  - Finish: Powdercoated silver
  - 36” OC spacing
- Removable safety bollard
  - Materials: Calpipe Security SSP04040-316-36
  - Size: 6” dia, 40” H
  - Color: N/A
  - Finish: Forms + Surfaces ‘silver texture’ powdercoated finish
  - 5’ OC spacing
  - External Padlocking Bollard and Stanchions, with Flat “Viking” Top
- Light Pole
  - Materials: Selux Astro 1 straight aluminum pole light fixture
  - Site: 12’ H
  - Color: N/A
  - Finish: Silver
  - Must meet minimum Chicago windloads

8.12 UTILITIES

UTILITIES SOURCES

Storm Sewer

One 15” storm sewer will exit the DDCRP and be intercepted by storm sewer serving site drainage and routed to the proposed stormwater detention facility. The 8” outlet from the stormwater detention facility will make its connection to the 15-foot City combined sewer main in W Polk St.

Sanitary Sewer

Two 6” sanitary sewers will exit the DDCRP and will be routed towards W Polk St where it will be combined with the stormwater detention facility outlet to make one combined connection to the 15-foot City combined sewer main in W Polk St.

Water Service

An 8” water service will be pulled from the 12” City water main in W Polk St. A valve in a vault will be placed directly adjacent to the City water main within the north side of W Polk St. The water meter will be required to be located along the north face of the building, within 5-feet of the exterior wall. Horizontal or vertical bends are not allowed within the alignment of the water service.

UTILITIES SCOPE

Existing Utilities

This portion of the UIC campus stretches across a vacated City right of way, S Hermitage Ave, now known as the Park Livingston Health Walk, which contains existing 9” & 12” combined sewers. Coordination with the Sewer Section of the Department of Water Management will be required to abandon and remove the existing combined sewers in conflict with the location of the new DDCRP. An electrical package also exists through the parking lot, directly east of Park Livingston Health Walk, which will need to be relocated.

Stormwater Management

The proposed project is a regulated development per the City of Chicago Department of Water Management Stormwater Ordinance. As such, stormwater detention will be required for the project. The stormwater ordinance regulates three stormwater-related components: Release Rate Control (detention storage), Volume Control (retention storage), Run Off Control (sewer and overland conveyance). An intake meeting with the Department of Water Management will be held to verify the stormwater strategy and proposed storm sewer connection. Final stormwater management design will be determined in subsequent design phases per conversations with the City and soil conditions found in the forthcoming geotechnical investigation. The proposed project will be an independent site watershed with a restricted outfall to the 15-foot City combined sewer main in W Polk St. The project area is currently 108,436 sq-ft with mostly impervious coverage of 87,909 sq-ft and some pervious site areas equaling 23,639 sq-ft. These areas were used to calculate the required rate control and volume control per City of Chicago Stormwater Ordinance requirements. The 2024 City of Chicago Stormwater Tool was used for concept design calculations. Given the sewer connection is to a City sewer main >42”, the outlet sewer capacity for Laflin (0.38 cfs/ac) was used to determine the site release rate.

Based on these above assumptions, the calculated stormwater management volumes are as follows:

- Rate Control (detention): ±30,900 cu-ft
- Volume Control (retention): ±3,550 cu-ft or impervious cover reduction
    - If future site plans can achieve a maximum impervious cover of 72.6%, volume control will not be required. The current site plan provides 78.2% impervious cover.

As such, the following detention and retention strategies are options for the stormwater management of the DDCRP site:

- Rate Control (detention):
    - Underground Vault – 5’-0” depth; 6,720 SF
    - Oversized Pipes – 1,620 LF of 48” diameter pipe with CA-7 backfill
- Volume Control (retention):
    - 3,100 sf Permeable Pavers; meets impervious reduction, no stormwater storage required
    - 3,100 sf Green Roof; meets impervious reduction, no stormwater storage required

- Convert detention into an open system for infiltration to provide storage required. Feasibility will be determined based on future site soil infiltration testing.

Storm Sewer

Storm sewer shall be installed in accordance with the following:

1. All underground utility improvements shall be constructed in accordance with the City of Chicago Stormwater Regulations 2024.
2. Select granular trench backfill will be required for all storm sewer trenches lying under existing or proposed streets, loading dock or sidewalks, and within 24" thereof. Trench materials shall be Illinois Department of Transportation CA-6 gradation.
3. Manholes, catch basins, and inlets shall be constructed of reinforced precast concrete ring construction with tongue and groove joints in conformance with ASTM C-478.
4. Pipe material shall be reinforced concrete pipe for pipes greater than 15 inches, ASTM C-76, Class III, Wall-B O-ring joints is the minimum requirement. Pipe material shall be DIP or PVC-SDR-26 for pipes 12” and smaller in diameter.
5. Pipe bedding shall consist of Illinois Department of Transportation CA-11 gradation compacted from 6" below to the spring line of the pipe and compacted CA-11 or CA-16 from spring line of the pipe to 12” above, over the trench width. Up to 25% RAP allowable for base course aggregate as long as required gradation is maintained.
6. Frame and lids shall be as specified by the City of Chicago.

Sanitary Sewer

Sanitary sewer shall be installed in accordance with the following:

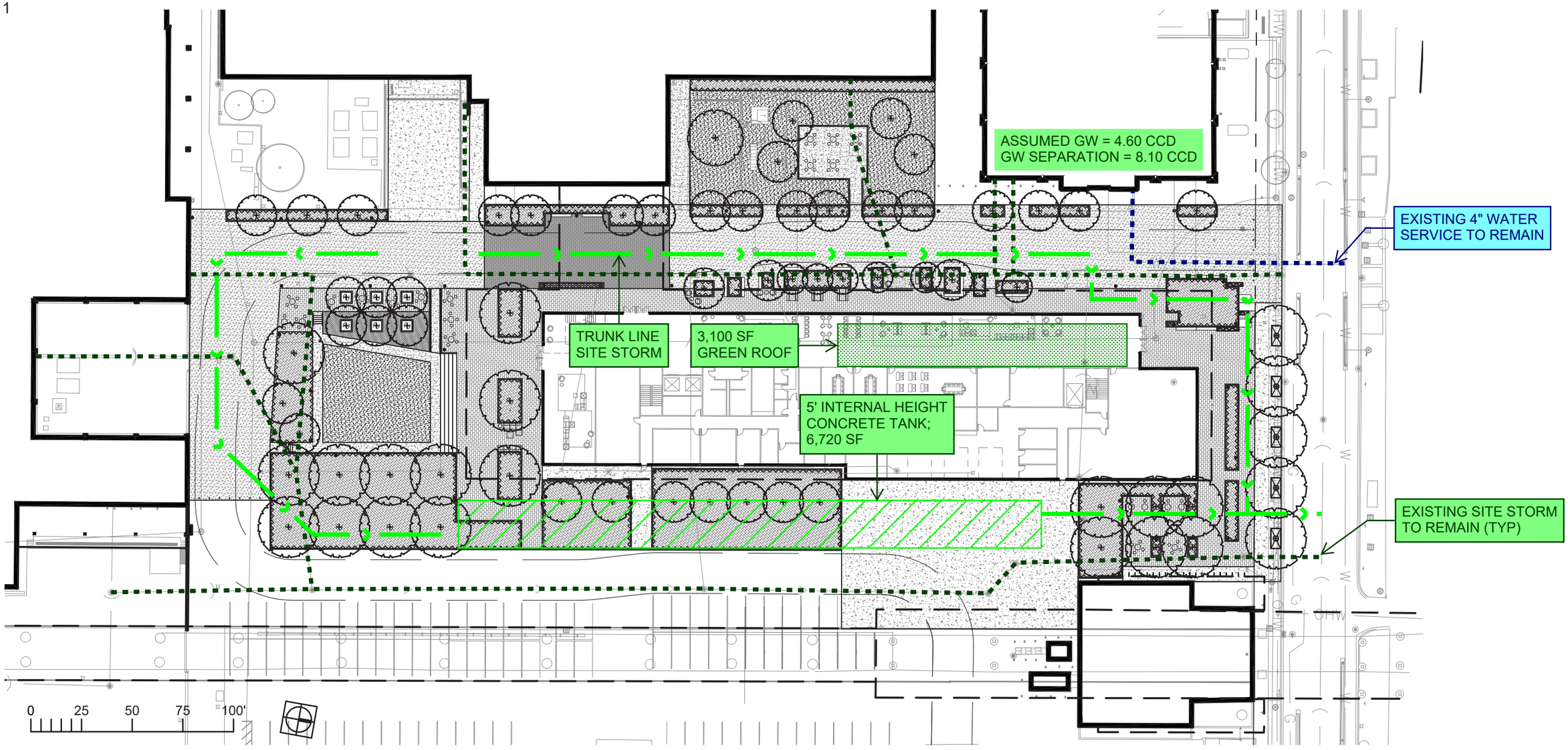
1. All underground utility improvements shall be constructed in accordance with the City of Chicago.
2. Select granular trench backfill will be required for all storm sewer trenches lying under existing or proposed streets, loading dock or sidewalks, and within 24" thereof. Trench materials shall be Illinois Department of Transportation CA-6 gradation.
3. Manholes, catch basins, and inlets shall be constructed of reinforced precast concrete ring construction with tongue and groove joints in conformance with ASTM C-478.
4. Pipe material shall be of water main quality, Ductile Iron Pipe (DIP), Class 56 or equivalent, ASTM C-700 specification, with PVC compression collar seal type joints conforming to ASTM Specification D 1784.
5. Pipe bedding shall consist of compacted aggregate, CA-11, placed 6" below to springline of pipe, and compacted FA-6 from springline of the pipe to 12” above for the width of the trench. Up to 25% RAP allowable for base course aggregate as long as required gradation is maintained.
6. Frames and lids shall be as specified by the City of Chicago and shall include an external 10" elastomeric band extending from the frame to the manhole.

Water Service

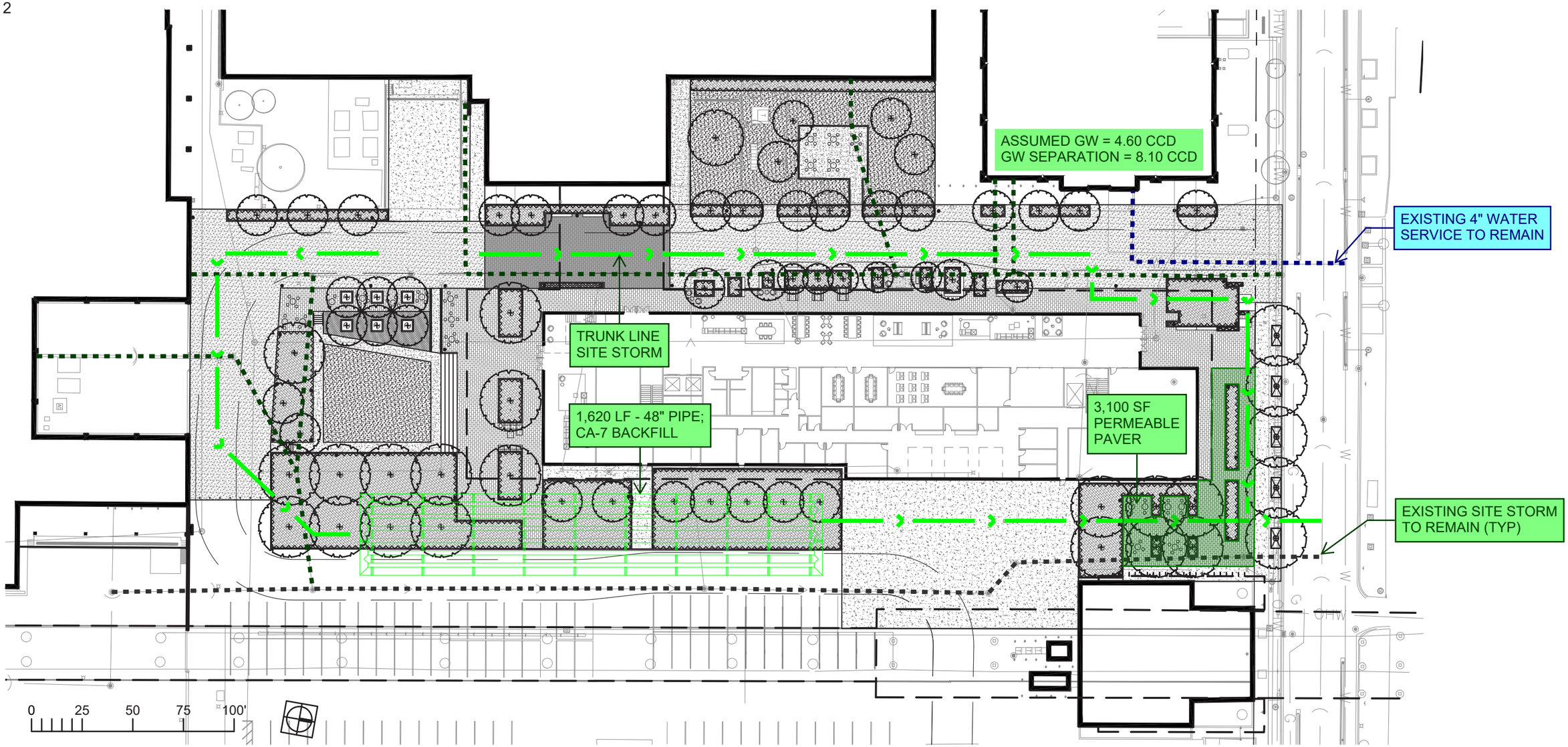
Water service shall be installed in accordance with the following:

1. All underground utility improvements shall be constructed in accordance with the City of Chicago.
2. Select granular trench backfill will be required for all storm sewer trenches lying under existing or proposed streets, loading dock or sidewalks, and within 24" thereof. Trench materials shall be Illinois Department of Transportation CA-6 gradation.
3. Valve vaults shall be constructed of reinforced precast concrete ring construction with tongue and groove joints in conformance with ASTM C-478.
4. Pipe material shall be Ductile Iron Pipe, Class 56 or equivalent with mechanical joints.
5. Pipe bedding shall consist of compacted aggregate, CA-11 or CA-16, placed 6" below and to springline of pipe, and compacted CA-16 from spring line to 12" above the pipe for the width of the trench. Up to 25% RAP allowable for base course aggregate as long as required gradation is maintained.
6. Frame and lids shall be as specified by the City of Chicago.
7. Thrust blocking will be required at all bends greater than 11¼" degrees.
8. Testing shall be in conformance with the City of Chicago.

Stormwater Detention
Option 1
KMK



Stormwater Detention
Option 2
KMK



9.0

LABORATORY CRITERIA

9.1 LABORATORY DESIGN CRITERIA

The new Drug Discovery and Cancer Research Pavillion (DDCRP) will serve as a modern benchmark for advanced pharmaceutical science, drug discovery, cancer research, and chemistry programs. Designed to attract top faculty and research funding, the facility will support interdisciplinary collaboration, translational research, and long-term institutional growth. The new DDCRP will emphasize flexibility, safety, and performance, with adaptable laboratory spaces, robust engineering systems, and a collaborative environment that supports innovation and results-oriented science. This investment will position the University to remain competitive in securing federal, private, and industry-sponsored research while providing a durable, future-ready research infrastructure.

This section of the document presents laboratory performance requirements for the new Drug Discovery and Cancer Research Pavilion (DDCRP) based current industry practices and the University of Illinois Chicago's (UIC) current Performance Guidelines for laboratory, laboratory support, and laboratory servicing areas.

To maintain creative flexibility for the future design team, this narrative is not tied to a specific laboratory layout or architectural solution. Instead, it establishes performance expectations, functional requirements, and planning principles that allow the final design to evolve in response to scientific advancements, emerging technologies, and budgetary constraints. Illustrations included in this document serve only to validate requirements, flow patterns, and key adjacencies.

RESEARCH OBJECTIVES

- Support wet-lab research in chemistry, cancer biology, medicinal chemistry, and related disciplines
- Enable translational research by bridging basic science, applied chemistry, and therapeutic development
- Encourage interdisciplinary collaboration among faculty, graduate students, post-doctoral researchers, and industry partners
- Attract and retain top-tier faculty, research funding, and partnerships

DESIGN PHILOSOPHY

- Safety-first laboratory planning
- Flexibility and adaptability to accommodate evolving research programs
- Transparency and collaboration, balanced with security and containment
- Operational efficiency and long-term sustainability
- Scalability for future research growth
- Science on Display

DATA COLLECTION AND REFINEMENT

To respect the demanding schedules of the research teams, the process for updating project information was intentionally streamlined. The refinement effort consisted of the following key activities:

- Department-focused work sessions to validate program needs, clarify research activities, and confirm functional priorities.
- Collaborative science/tool–focused sessions to review equipment needs, workflow considerations, and shared resource requirements.
- A targeted questionnaire to capture additional detail, fill information gaps, and confirm assumptions.
- An executive-level review to validate findings, confirm direction, and ensure alignment with institutional priorities.

Additional meetings were conducted to refine the program for the Biological Resources Laboratory (BRL/Vivarium), including confirmation of species and census, process flow, interconnectivity with existing animal facilities, servicing, and adjacency requirements. Dedicated sessions were also held to verify requirements for the new loading dock and service apron. Both the Vivarium and the Loading Dock/Apron will be directly influenced by the adjacent Chicago Transit Authority station, necessitating heightened attention to operational constraints, circulation, sensitivities, and safety.

Current project information has been reconciled with the record (2021 Conceptual Design Report and meeting minutes) of the initial engagement and now informs the current documentation effort. As with the original study, findings reflect what is

known at this stage and are intentionally presented in a manner that preserves flexibility for future scientific, operational, and technological advancements.

As the project progresses, several challenges will require continued attention, including budget constraints, site limitations, and evolving laboratory space and systems requirements. The site demands careful alignment with scale and contextual sensitivities, the budget remains fixed, and laboratory needs continue to shift in response to new research opportunities, tools, and personnel. These factors underscore the importance of maintaining an adaptable planning framework as the project advances.

LABORATORY BASIS OF DESIGN NARRATIVE

This document establishes the foundational design divers, performance objectives, and technical assumptions for the proposed interdisciplinary research laboratory focused on pharmaceutical science, cancer research, and chemistry. The document translates the general mission and research objectives into design intent, guiding the subsequent architectural, engineering, and planning decisions to be developed throughout design and construction. This BOD is intended to describe a flexible, high-performance research environment that fosters interdisciplinary collaboration, ensures safety and regulatory compliance, and accommodates evolving scientific methodologies. *Where appropriate, laboratory specific excerpts from the UIC Design Performance Standards for Laboratories (published 2025) have been incorporated into this narrative for easy reference.*

Assigned Research Spaces

- Biology focused BSL-2 Wet Laboratories (micro, cell, DNA)
- Chemistry focused laboratories (synthetic, analytical, instrumentation)
- Support alcoves (cell culture suites, tissue culture, microscopy, instrumentation)
- Shared core laboratories (advanced imaging, spectroscopy, mass spectrometry)
- Specialized cancer research labs (molecular biology, drug screening)
- Computational/Data Science support

Support Spaces

- Write-up areas adjacent to labs
- Cold rooms and Freezer Farms
- Chemical storage rooms (flammable, corrosive, toxic)
- Autoclave and glass wash facilities
- Shared equipment rooms
- Controlled-access storage for hazardous materials
- Ground floor Core Lab to showcase High Throughput Screening and High-Fidelity Microscopy

Regulatory Compliance – See Section 4.2: Applicable Codes

- International Building Code – IBC 2024 Edition (excluding Chapter 11)
- International Existing Building Code – IEBC 2024 Edition
- International Fire Code – IFC 2024 Edition
- Illinois Plumbing Code – IPC 2014 Edition

Laboratory Compliance

- Biosafety in Microbiological and Biomedical Laboratories, BMBL
- NIH-Design Requirements Manual (DRM)
- National Electrical Code, NEC, NFPA 70
- NFPA 101-Life Safety Code
- NFPA 30- Flammable and Combustible Liquids Code
- NFPA 45- Standard for Fire Protection for Laboratories using Chemicals.
- Gases in Portable Cylinders
- NFPA 55- Standard for the Storage, Use, and Handling of Compressed and Liquefied
- National Electrical Code NFPA 70 – NEC Current Edition
- Laboratory Fire Hazard Classification
- All laboratory spaces on campus shall be designed with NFPA 45- Standard for Fire Protection for Laboratories using Chemicals.
- Laboratory units shall be classified as Class A (high fire hazard), Class B (moderate fire hazard), Class C (low fire hazard), or Class D (minimal fire hazard), according to the quantities of flammable and combustible liquids

specified in Table 9.1.1(a) and Table 9.1.1(b) of NFPA 45. Example laboratories with appropriate classified Fire Hazards:
  - Class A- Organic Chemistry, Chemical Engineering, Chemical and Hazardous Material Storage, Pyrophoric Gas Systems, and Medicinal Chemistry Laboratories
  - Class B- Biological, Biochemistry, Medical, Clinical, Instrument and Non-Chemical Engineering Laboratories
  - Class C- Instructional Chemistry, Engineering, and Physics Labs
  - Class D- Instructional Biological Laboratories
- I2SL Best Practices Guide-Energy, Water, and Cooling/Heating
- ANSI Z358.1 Eyewash and Safety Shower
- ANSI Z9.5-Laboratory Ventilation
- ANSI/ASSE Z9.14 Testing and Performance-Verification Methodologies for Ventilation
- Systems for Biosafety Level 3 (BSL-3) and Animal Biosafety Level 3 (ABSL-3) Facilities
- ANSI Z136.1-2014-Lasers
- ISO- Cleanroom Standards
- ASHRAE 110-Fume Hood Testing ASHRAE 90.1
- Illinois Energy Conservation Code (2018 or most current version)
- UIC Building Standards
- IL Accessibility Code, ADA (1990 current adopted edition)

UIC Design and Performance Standards for Biological and Chemical Laboratories

Research laboratories are a crucial component of the success of UIC. This standard is designed to provide a reliable safe environment to support a variety of research activities, while keeping in mind the energy demands of laboratory research. Because laboratories are large consumers of campus resources, UIC promotes sustainability and efficient use of energy and water resources when planning laboratory spaces and specifying equipment and fixtures to be used in the laboratory facilities. A major campus goal is to minimize energy and water usage while optimizing user safety for all research laboratories on campus.

Biological Research Laboratories

- Bio-research laboratories where pathogens, recombinant DNA materials, bio- toxins, oncogenic viruses, or chemical carcinogens will be handled or stored shall be designed according to the level of risk associated with the research and/or instruction to be conducted therein, as classified by the Centers for Disease Control and Prevention (CDC), National Institutes of Health (NIH), and the National Cancer Institute (NCI) or as determined by the UIC Environment, Health and Safety office.
- During the design phase, develop a commissioning plan for each new or renovated laboratory/research area by following the UIC Standard 01 91 13 - General Commissioning Requirements.
- Laboratory doors should be self-closing and have locks in accordance with the institutional policies.
- Laboratories must have a sink for hand washing. The sink may be manually, hands-free, or automatically operated and must be Water Sense labeled or achieve a maximum flow rate as outlined in the UIC Standard 22 40 00 - Plumbing fixtures should be located near the exit door.
- The laboratory should be designed so that it can be easily cleaned and decontaminated. Carpets and rugs in laboratories are not permitted.
- Laboratory furniture must be capable of supporting anticipated loads and uses. Spaces between benches, cabinets, and equipment should be accessible for cleaning.
- Bench tops must be impervious to water and resistant to heat, organic solvents, acids, alkalis, and other chemicals.
- Chairs used in laboratory work must be covered with nonporous material that can be easily cleaned and decontaminated with appropriate disinfectants.
- Laboratory windows are to be non-operable.
- Biological Safety Cabinets (BSCs) must be installed so that fluctuations of the room air supply and exhaust do not interfere with proper operations. BSCs should be located away from doors, windows that can be opened, heavily traveled laboratory areas, and other airflow disruptions.
- Planning for the new facilities should consider mechanical ventilation systems that provide an inward flow of air without recirculation to spaces outside of the laboratory. Need to highlight this as it needs to drive lab/office interface

- Air change rates (ACR) in BSL 1 and 2 laboratories should be no less than 6/hr. for labs and 10/hr. for animal facilities.
- Energy efficiency for ventilation shall also be addressed by optimizing ventilation, airflow, and reducing associated energy use while maintaining or improving safety. Do not use excessively conservative rates without due analysis and consideration of alternatives.
- Follow the Energy Performance requirements for ventilation in UIC Building Standards 01 81 13 - Sustainable Design Requirements, ASHRAE 90.1 (current version), and the 2018 Illinois Energy Conservation Code, or most recent version. Adhere to best practices outlined by the U.S Environmental Protection Agency and the U.S. Department of Energy Efficiency and Renewable Energy Federal Energy Management Program.
- Right-size mechanical equipment by improving estimates of heat gain from laboratory equipment. Prevent over-sized mechanical and electrical equipment when overestimating heat loads from laboratory equipment. Measured data should be used for estimating loads, and allowances for future growth should be taken judiciously.
- Equipment Cooling: “Once through” or city water thru equipment to drain, laboratory equipment cooling is not allowed on campus.

Chemical Research Laboratories

- Spaces designed for the use of organic chemistry, analytical chemistry, general chemistry, and medicinal chemistry shall be designed in accordance with NFPA 45- Standard for Fire Protection for Laboratories using Chemicals. Laboratory units shall be classified as Class A (high fire hazard). Biochemistry and instructional organic chemistry laboratories shall be Class B (moderate fire hazard) according to the quantities of flammable and combustible liquids specified in Table 9.1.1(a) and Table 9.1.1(b) of NFPA 45.
- Chemical Fume Hoods must be installed so that fluctuations of the room air supply and exhaust do not interfere with proper operations. Fume hoods should be located away from doors, windows that can be opened, heavily traveled laboratory areas, and other airflow disruptions.
- Flammable liquid storage cabinets shall be self-closing.
- Corrosive cabinets shall be lined to prevent corrosion.

- Organic Chemistry laboratories will need equipment space along a wall to house flammable liquid storage refrigerators, solvent purification dispensing equipment, and other equipment that will need to be grounded.
- Mechanical pump cabinets under the fume hood with electrical outlets should be considered for organic chemistry laboratories.
- Chemical storage cabinets are not required to be ventilated for fire protection purposes nor recommended by the NFPA. If venting cabinets are considered, the vent openings shall be ducted directly to a safe location outdoors or to a treatment device designed to control volatile organic compounds and ignitable vapors.
- Ventilated Chemical storage cabinets shall be designed with a flame arrestor at each ventilation port with the lowest bung hole being the port for the exhaust line and the highest bung hole being the air intake for the cabinet. The exhaust lines should be rigid stainless steel or copper pipe. PVC or plastic piping shall not be used.
- Flooring shall be chemical resistant with the ability to prevent any chemical spill from leaking to the floor beneath the laboratory. Sharp pointed anti-slip flooring should not be considered for chemistry laboratories due to the considerable risk of shattering laboratory glass equipment.
- Laboratories must have a sink for hand washing. The sink may be manually, hands-free, or automatically operated. It should be located near the exit door with additional laboratory sinks considered for special research requirements. It must be Water Sense labeled or achieve a maximum flow rate as outlined in the UIC Standard 22 40 00 -Plumbing Fixtures.

Special Support Spaces

- Radiological laboratories that use x-ray equipment or an irradiator shall be designed or modified in accordance with the UIC radiation license, the Illinois Emergency Management Agency (IEMA) requirements, and all other pertinent security requirements by UIC Police.
- Chemical and Flammable Storage Room: Spaces designed for the storage of chemicals that are completely separated from the laboratory shall be designed in accordance with NFPA 30 and NFPA 45. All chemical storage rooms will be classified as Class A fire hazards with additional requirements for spill containment, exhaust ventilation, grounded flammable cabinets, and

other requirements of NFPA 30. UIC does not allow flammable liquid dispensing rooms to be installed or built in campus research facilities.

- Laser Laboratories: Spaces designed for use of Class 3b or Class 4 laser systems shall include the following engineering controls: (1) visible warning lights that are illuminated when the laser system(s) are energized; (2) baffles, partition walls, or other barriers that prevent the laser radiation from leaving the laser controlled areas (as an alternative, interlocks may be installed on entrances to the laser control area that will interrupt the laser beam when the door is opened); (3) remote firing locations and/or viewing systems when practicable.
- Scientific Instrument and Imaging Laboratories: Spaces designed for the use of atmospheric gases that are an asphyxiation risk to the building must be installed with gas detection sensors, room alarms, adjacent hallway alarms and tie into the building ventilation system for a purge of the gas. Where required blackout/laser curtains may be required to create “dark” space. These spaces will require vibration isolation which can be achieved through structural design, Acoustical design, and isolation furnishings (such as float, optics, or anti-vibration tables). Vibration criteria of 2,000 MIPS (VC-A) to 4,000 MIPS (operating Theater) at a minimum.

LABORATORY FIT OUT AND FINISH

Flexibility and responsiveness

- Modularity helps establish a rigorous building system approach for economy of services and accommodating diverse users
- Bench layouts should support the needs of wet chemistry, biological research, or instrumentation
- Overhead service carriers or ceiling utility zones to minimize future disruption
- Logical wet walls to support reconfiguration
- Combination of open laboratories for collaborative research
- Enclosed labs for specialized, hazardous, or sensitive research activities
- Visual transparency through interior glazing where appropriate

Laboratory Casework

- Painted metal casework, flush overlay with square corners. Two-coat, chemical resistant, baked-on finish.
- Mixture of fixed casework (approx. 50%) and height adjustable tables / workstations (approx. 50%).
- Fully welded table frame construction.
- Workstations to be pre-wired and pre-plumbed with utility services.
- Base cabinets with 50% door and 50% drawer configuration.
- Mobile base cabinets at tables / workstations.
- All casework with upper storage.
- Upper cabinets with glass fronts.
- Wall rail and benchtop upright shelving systems with adjustable metal shelves; rear shelf edge protection at exposed conditions.
- Cabinet Hardware: 5-knuckle stainless steel hinges, drawer and door pulls, door catches, heavy-duty ball bearing drawer slides, label holders, countertop sleeves.
- Worksurface and backsplash of either 1” thick epoxy or ¾” thick lab grade phenolic (Trespa TopLab Plus); gray color, meet or exceed SEFA 3 guidelines.
- Epoxy lab sinks with strainer, tailpiece, and overflow. Epoxy cup sinks.
- Pegboards (drying racks) at every sink, material to match the worksurface.
- At center island locations: Umbilical to bring utilities down to fixed casework. Tables / workstations to plug into overhead utility ceiling panels.

Overhead Utilities Access

- All utilities except for drains shall be delivered to the benchtops and instrumentations via overhead systems. Expected utilities will range from exhaust devices, gases, water, and/or electrical and data ports. Various systems for providing utilities are currently being explored:
  - Overhead Service Carriers: Carriers are very sturdy and can carry heavy loads including pumps and instruments over optical tables. Carriers can be fitted out with shelving and a

full complement of utilities including task exhaust devices. However, carriers are bulky and expensive.

- Overhead utility panels: These panels are lighter and can fit within the structure of a typical ceiling grid. They offer more flexibility; however, they are generally located at the ceiling height and difficult to reach, as such a secondary utility system is required from the panel to the bench for daily use.
- Umbilical: The purpose of the umbilical is to bring utilities to the bench when other methods of bringing utilities such as walls, fume hoods, and overhead service carriers are not practical. The use of the umbilical's is not encouraged, but where necessary, they shall be 30"x6" painted metal to match casework with a 4" curb to match worksurface, and a ceiling collar. Alternately, material finish may be upgraded to resin panels. Basis of Design 3form.
- Laboratory Water and Gas Service Fittings:
  - SEFA 7.
  - Satin nickel plated finish with baked-on clear epoxy coating.
  - Where gases are indicated on room data sheets, assume fixtures every 8 linear feet of casework.
- Electrical:
  - NFPA 70.
  - At fixed casework islands with upper shelving, provide dual channel vertical service pedestals integral to the shelving uprights.

Walls and Wall Protection

- Walls – Drywall (gypsum board) walls are standard for most labs.
- It is suggested that the Linear Equipment Room (LER) utilize an impact resistant drywall.
- Moisture resistant dry wall should be used in areas with sinks as well as Emergency Shower/Eyewash Station.
- Epoxy paint should be used to help resist water and chemical splashes. Applied base is adequate for most labs; this is a thin layer of rubber or plastic material from the floor to around 4" above the floor, which helps prevent the walls from being scuffed from footwear and maintenance activities.
- Wall protection - All outside corners within the laboratories shall have corner guards. Corner guards shall be stainless steel and span from 6" to 84" above finished floor.

Flooring

- Basis of design flooring for the laboratories shall be Rubber Flooring, which offers similar chemical resistivity and more cushion than epoxy. Installation shall require heat welding at seams to create a homogenous surface. the following alternate is being explored as well:
- Epoxy resin offers superior cleanability, chemical resistivity, and longevity. Epoxy resin flooring to extend under casework and include an integral base at the walls.
- Flooring at high performance and optics labs shall have electrostatic dissipative flooring.
- All penetrations on the floors shall be sealed "liquid tight" to mitigate any spills, flooding, or other liquid occurrence that may affect the floor below. This may be achieved structurally or through proper gasketing and/or sealing as approved by the university.

Ceilings

- Basis of Design for general wet labs and lab support spaces is 2x2 medium textured 5/8" acoustical ceiling tile.
- Alternates include:
  - Open Ceiling in Laboratories without ceilings required for the specific function of the science being performed. No exposed conduit, piping, or ductwork is to be located below the datum line set by the general architectural design. The bottom of all lighting, grills, sprinklers, and other ceiling specific items are to be located at this specific datum line unless noted otherwise. At locations where ceilings are required, the following ceiling types will be considered:
  - Upgraded gypsum ceiling system.
  - At high performance and optic laboratories, upgraded gypsum ceiling system shall be provided. Ceilings are to be designed to be light-tight . As such, all fixtures penetrating through the ceiling shall be fully gasketed or sealed.

Doors

- Doors shall include some form of vision panel unless room is required to be light tight. High traffic doors shall have stainless steel armour plates while others will have mop or kick plates as appropriate to the function. Perimeter doors providing entry to the lab suite will be secure.

Interior Glazing

- Interior glazing should be tempered and installed in frames to match the doors' profile. Ideally, windows will be installed along the corridor to allow visitors to see into the lab areas, and at the very least, windows will be installed between lab areas to allow staff to monitor the technical spaces. Additionally, the outer and inner walls of the bio-vestibules and the demising walls will also include windows.

SAFETY

Life Safety

- Compliance with all applicable and adopted building, fire, and life safety codes
- Clear egress paths and emergency signage
- Fire-rated separations between laboratory hazard zones to be delineated by design architect

Laboratory Safety

- Safety Stations:
  - A safety shower with floor drain and eyewash station shall be found in every laboratory in the corridor, within 100 feet or 10 second travel distance and shall be immediately available or within 25 feet of a chemical fume hood. This equipment to be clearly identified for that purpose according to the UIC Design and Performance Guidelines. The specific number and location will be based on the most stringent of the following: building configuration, code or current UIC Design and Performance Guidelines.

  - Eye/face wash to operate independently of deluge shower and tied into building sanitary system.
  - . Height of eye/face wash basin, deluge shower pull ring and deluge showerhead shall meet ADA and ANSI requirements.
  - Water shall be tempered.
  - Safety stations shall be equipped with flow alarm tied to the central security.
  - Fixture style and installation to meet ANSI and ADA requirements.
  - Hand-held, eye, face and body wash/drench hose unit shall be provided at each designated sink in the laboratory.

- Fire Extinguishers:
  - Fire extinguishers count and location shall be determined per the UIC Fire Marshal in accordance with code or by UIC standard, whichever is more stringent. Specific requirements related to chemical reactivity to fire extinguishers shall be revisited on a lab by-lab-basis to avoid incompatibility with specific extinguisher types.

- Oxygen Depletion Sensors:
  - Provide sensors in laboratories and storage spaces where chemical usage is present. Location and quantity to be determined by the engineering team providing final design. Code and UIC Standards apply, the team shall follow whichever is more stringent.

- Signage:
  - Appropriate signage indicating, but not limited to Radioisotope, Flammable, Caustic, Microwave, or Magnetic Fields should be posted at each appropriate laboratory entry door. Signage to be furnished by Owner or accommodated in the wall-mounted room name/occupants signage system.
  - Signage related to safety showers, eye-washes, fire-extinguishers and other safety devices should be posted according to manufacturer/ ANSI requirements. Signage to be furnished by product manufacturer and accommodated by the signage system approved by UIC.
  - Signage Size should fit a 8.5 x 11 sign created by UIC

LABORATORY EQUIPMENT

- Laboratory Glassware Washer/Dryers:
  - Two per Lab Kitchen/Glass Wash Room
- Laboratory Glassware Drying Oven:
  - One for each Lab Kitchen/Glass Wash Room.
- Laboratory Steam Sterilizers/autoclaves:
  - Medium size (26” x 26” x 41” chamber) autoclaves, Two for each Glass Wash Room. Location and quantity to be confirmed during subsequent design phases of the project.
  - Provide water miser to minimize water consumption when autoclaves use water to pull vacuum.
  - For additional water conservation, pre-program with a 5-minute standard dry time.
  - Where possible, use house-steam for chamber and jacket for energy efficiency.
  - Consider autoclaves with the following energy saving features:
  - Programmable to automatically turn off steam to jacket when not in use.
  - Capable of returning jacket steam to the house system.
  - Programmable to turn off jacket steam during exhaust.
  - Contain an online internet system for users to maximize autoclave use and minimize the need to purchase additional autoclaves.
  - Locate a canopy hood above the autoclave to exhaust escaping steam and heat.
  - Provide a floor drain in the autoclave area.
- Under-Counter Glassware Washers:
  - Two per Laboratory Neighborhood. Proposed Basis of Design Product – Labconco Corporation, Flask-Scrubber Laboratory Glassware Washer, Model 4420321. Location, model, and quantity to be confirmed during subsequent design phases of the project.
- Ice Machines: One per Lab Kitchen/Glass Wash Room:
  - Proposed Basis of Design Product – Hoshizaki America, Inc., Self-Contained Cuber with Built-In Storage Bin, Model AM-50BAE. Location, model and quantity to be confirmed during subsequent design phases of the project.
- Scullery Sink: One per Lab Kitchen/Glass Wash Room.
- Gas Cylinder Restraints or Racks: Final location and quantity to be confirmed during subsequent design phases of the project.
- Biological Safety Cabinets (BSCs):
  - Up to 4 Class II Type A2 BSCs per laboratory neighborhood for a total of approximately 32. Basis of Design Product – Labconco Corp., Purifier Logic+ Biosafety Cabinets. Final location, model and quantity to be confirmed during subsequent design phases of the project.
  - NSF Class II, Type A2 – 30% of air exhausted to the room through HEPA filters.
  - NSF Class II, Type B2 – 100% of air exhausted lab exhaust system through HEPA filters. If required, Location, model and quantity to be confirmed during subsequent design phases of the project.
  - Cold rolled steel, powder coat finish exterior; type 304 stainless steel interior.
  - Adjustable height base stand, accessory shelf, cord and cable portal, IV bar and hooks.
- Chemical Fume Hoods:
  - All Chemical Fume hoods are to be high-efficiency bench-top fume hoods with automatic sash closers, and combination sashes to provide maximum safety as well as efficiency. Hoods in the open labs with no ceilings shall not have ceiling shrouds.
  - Fume hood quantity and length should be verified per user/lab during the design phase.
  - The current test fit shown on the Room Data Sheets has 6’ fume hoods in the Medium Density Wet Lab and 5’ fume hoods in the High Density Wet Lab.
  - Fume hoods shall be installed opposite the means of egress from a space and furthest away from any door openings.
  - Ductless fume hoods shall not be installed in laboratories as a substitute for a chemical fume hood or other local exhaust system to remove hazardous or flammable vapors from a laboratory.

- Fume hoods shall tie into the building automation system (BAS)
- Fume hood shall have airflow alarms as set forth in ANSI Z9.5 and NFPA 45.
- All fume hood utility services currently assume specialty gas, air, vacuum, cold water, specialty gas, a cup sink at each end, and 4 - 120V duplex. Unless otherwise noted, 208 outlets are not required.
- Each bench fume hood shall also include ventilated specialty purpose cabinets below such as Flammable, corrosives, other hazardous materials, and vacuum pump cabinets. Cabinets are to be the same color and finish as the hoods.
- Epoxy work tops, laboratory sinks, and cup sinks within fume hoods; color to match casework worksurface.
- Restricted by-pass (VAV – variable air volume) fume hoods; controls and alarms specified with Division 23 section of the UIC Facility Performance Requirements (laboratory exhaust system).
    - Fume hoods should be tied to the BAS and lab air pressure monitoring systems.
    - Piping and wiring within fume hoods for service fittings, light fixture and other electrical devices included with fume hoods.
    - Exterior: Steel with chemical-resistant finish.
    - Interior Lining and Baffles: Glass-fiber-reinforced polyester.
    - Hood Accessories: Sash stops at 18-inches; lattice rod assembly; cord pass-throughs.
    - ASHRAE 110 “as-installed” testing shall be performed on all new installations and re-commissioning (installation of new exhaust fan) of chemical fume hoods to verify containment.
    - Average Face Velocity – Combination Vertical Rising / Horizontal Sliding Sash: 80 fpm with horizontal sash open to maximum width of sliding panels; 80 fpm with vertical sash at operating height of 18-inches; not less than 60 fpm with sash full open for set-up.
    - As-Manufactured (AM) Rating: AM 0.05 (0.05 ppm).
    - As-Installed (AI) Rating: AI 0.10 (0.01 ppm).
- Controlled Temperature Rooms:
    - (CTRs) will be operated at 4°C. Prefabricated panelized units will sit on the slab (not recessed) and be provided with an interior ramp. Floor panels will be 2” thick. Wall and ceiling panels will be 4” thick. Standard cold room doors with view panel will be provided. Room interiors will be furnished with sink and stainless-steel bench tops and shelving. Compressors will be in an enclosed room and be water cooled.
- Ultra-Low Temperature (ULT) Freezers: If ULT freezer is purchased as part of the project, provide energy efficient ULT.
- Owner furnished and installed (OFOI) includes floor or bench mounted equipment that requires only an electrical plug-in to install. Examples are refrigerators, freezers, incubators, shakers, centrifuges and biological safety cabinets that are not connected to an exhaust system. OFOI also includes bench and floor mounted analytical equipment such as microscopes, mass spectrophotometers and flow cytometers. Point-of-use water polishers will be considered Owner Furnished/Owner Installed equipment. These will be fed by the building pure water system.
- A more detailed laboratory equipment list to be developed in future phases in collaboration with the user groups.

Lab Services

- Please refer to section 10 Room - Specific Criteria section of this document.

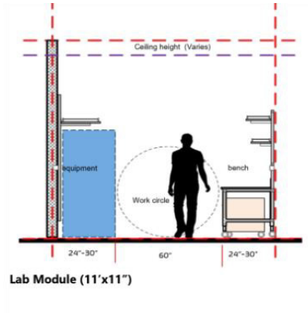
Laboratory Accessories

- Gas Cylinder Brackets: Proposed Basis-of-Design Product – Safe-T-Rack Systems, Inc., Safe-T-Rack Block Models CB-1C (high) and CB-1 (low); Unistrut P-1000. Provide 2 brackets per cylinder; mount adjoining groups of cylinders on Unistrut rail.
- Gas Cylinder Racks: Proposed Basis-of-Design Product – Safe-T-Rack Systems, Inc., Safe-T-Rack Cylinder Rack; cylinder module sizes and rack configurations TBD in design.
- Lab Coat Racks: Proposed Basis-of-Design Product – Peter Pepper Products Model 214XL Coat Rack – 5 Hooks on Flush Plate; provide (2) racks (high and low) at each location.
- Special Purpose Safety Cabinets: Proposed Basis-of-Design Manufacturer – Justrite Manufacturing Co. Tall 45-gallon corrosives storage cabinets, flammable liquid, and hazardous material storage cabinets (NFPA-30, UL, FM approvals). Provide with 4 shelves.

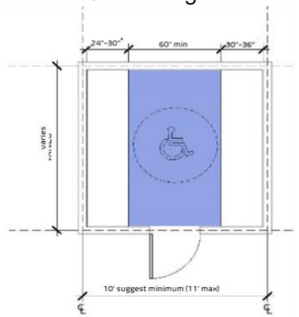
LABORATORY ACCESSIBILITY APPROACH

The labs should be usable by everyone, including those with disabilities. Specific items in labs that support accessible design include sink cabinets and fume hoods designed for someone in a wheelchair to be able to roll under, and sink faucets and fume hood gas controls at heights that allow reach by someone in a wheelchair; additionally, providing levered faucets accommodates a person with limited grip and 5'-0" aisles allow someone in a wheelchair to move around safely in the lab. Other examples that are more specific to universal design include the use of task lights or magnifiers for those with reduced vision and adjustable height tables that can be made comfortable for all students and instructors of different heights.

- Accessible routes, turning radius, doorways, and door clearances shall be provided throughout the laboratories. Safety stations will also be ADA accessible.
- Laboratory casework, sinks, and fume hoods will be planned to accommodate casework ADA modifications in the future when the need arises.
- Eye wash stations provided at casework sinks will be in addition to the accessible safety stations, and therefore not required to be accessible.
- If IBC 2021 is accepted prior to design and construction, please validate the new dimension in the code such as a 67" turning radius in lieu of 60".



Lab Module (11'x11")



This page is intentionally left blank.

9.2 BRL (VIVARIUM)

VIVARIUM/BIOLOGICAL RESOURCES LAB (BRL) GOALS

- Designed to exceed AAALAC and other laboratory animal usage guidelines
- Individually vented/containment caging
- Tried and true cage wash and animal husbandry
- Comfortable and supportive staff areas
- Securable and discreet
- Proximity to building support and loading dock
- Appropriately sized vivarium specific mechanical, electrical and plumbing systems

FIT OUT AND FINISH

Animal Research and Study is a vital component of the University of Illinois Chicago. It is a priority to provide a safe environment for research and animal housing within facilities designed for this purpose. The new Drug Discovery and Cancer Research Pavillion (DDCRP) is a collaboration between the Retzky College of Pharmacy, UI Cancer Center, and College of Liberal Arts and Sciences and will contain a new laboratory animal vivarium.

COMPLIANCE

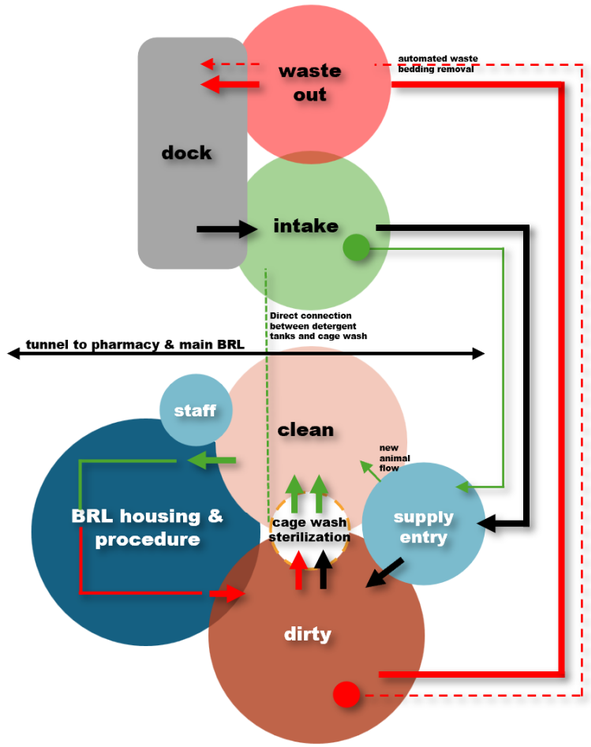
- American Association for the Accreditation of Laboratory Animal Care (AAALAC)
- National Institutes of Health (NIH) criteria for the housing, handling and caring of laboratory animals
- If a conflict should arise during facility design related to the vivarium, the requirements of AAALAC and NIH will typically take precedence. Consult with the UIC Project Manager who will coordinate with UIC Animal Care Committee (ACC) and the Attending Veterinarian (AV).
- The Enforcing Agency for Animal Facilities is the ACC, which includes the University's AV. The UIC Project Manager will arrange for consultations with the ACC Office and the AV early in Schematic Design.
- UIC Biologic Resources Laboratory (BRL)

LOCATION AND SPACE GUIDELINES

- Animal suites including procedure rooms should be separated from offices and main pedestrian corridors to discourage unauthorized access and to mitigate odors.
- Wherever possible, provide ready access to an elevator that can be segregated and secured from the public for the transportation of animals, cages, feed, bedding, waste, etc.
- Provide animal circulation corridors separate from public circulation.
- Note that "testing" areas shall meet housing requirements if the testing timeframe is greater than 24 hours.
- Animal areas need to be secured with access restricted to only authorized personnel. Confirm with BRL and researcher(s).
- Discuss/confirm with BRL and researchers whether a closed-circuit TV system is needed for the facility.
- Do not locate the animal suite above electrical rooms, telephone/data rooms, or other rooms that could be damaged if water leaks occur.
- When positioned along a perimeter wall, do not install exterior windows in animal rooms.
- Verify exterior walls have sufficient insulation and a vapor barrier that will allow the space maintenance temperature and humidity set points.
- House noisy species apart from other quieter species.
- Consider impacts of building environmental noise when locating individual species housing and procedure areas:
  - Electromagnetic
  - Vibrations from equipment or adjacent bus/vehicle traffic.
  - Fans/pumps general HVAC noise levels.
  - Adjacent non compatible occupancies and functions (Classrooms, busy corridors etc.).
- Strategically locate support areas (including but not limited to food and bedding storage rooms, hazardous agent storage rooms, clean and soiled cage holding rooms, cage washer rooms, refuse rooms, animal care equipment storage rooms, and animal care personnel lavatory, shower and locker rooms, laundry) to isolate housing rooms from rooms requiring more frequent / less restricted access.

FLOW AND CONNECTIVITY

The following diagram illustrates the macro view of facility flow and connectivity to service and support spaces. The ultimate flow, including operational choreography, will need to be refined and tested with the BRL staff.



ROOM CRITERIA

Animal Bedding & Waste

- Provide storage for animal bedding and waste disposal at the loading dock. A pneumatic delivery and removal system shall be provided with direct connection from loading dock to/from vivarium.

Corridors

- Tunnel Connection Corridor shall be a minimum of 7 feet wide
- Main internal corridors shall be a minimum of 7 feet wide. Branch corridors shall not be less than 5 feet-6 inches wide.
- Corridor paths shall be considered for research use versus public use. Research animals shall not cross paths with individual public use.
- Double doors with automatic door operators within corridors to assist with cart movement.
- Epoxy painted walls.
- Protect walls with guard rails.
- Provide corner guards at all exterior corners in areas that receive cart traffic.

Unisex Ante Room

- A small room on the Tunnel Connection Corridor side will provide unisex entrance to the vivarium.
  - Shelving and cabinets will be provided for PPE storage.
  - The Unisex Ante Room will serve as the Construction Entrance for the Phase 2 vivarium expansion.

Male/Female Individual Ante and Locker Room

- Two separate rooms will be provided for male and female locker/change functions.
  - The “clean” side will contain benches and lockers
  - The “dirty” side will contain shelving and cabinets for PPE as well as a toilet and handwashing sink.

- Consider including personal shower capabilities between the two functions.

Staff Support

- Provide enclosed area within the vivarium for staff respite/small group meetings/training.
  - Room should provide space for tables, chairs, cabinets/shelves, and a small sink.
- Ensure Staff Support space is in close proximity to the Clean Zone Areas and away from Dirty Zone Areas.

Clean Zone / Area

- **Clean Cage Processing**
  - Provide staging area within the Clean Zone for unloading and staging clean cages and racks immediately adjacent to Pass-Through Equipment Zone (e.g. tunnel washer, rack washer, autoclaves).
- **Animal Feed**
  - Provide storage area within the vivarium Clean Zone and consider food logistics from delivery to storage to serving and disposal.
  - Food sources may require refrigeration, freezers, dry storage for canned goods / boxes, and storage for fresh greens or hay. Food storage shall be below 70 degrees and 50% relative humidity. Note that some foods may need more stringent environmental requirements.

- **Animal Watering**
  - The DDCRP animal facility will utilize bottled water and auto-water system.
  - Provide an animal water/bottle filling area within the vivarium Clean Zone.
  - Some animal watering needs have specific requirements. Consult with AV and BRL to determine clarity of water to be utilized to minimize waterborne contaminants that can impact research. Examples include 0.5 micron filters, RO water etc. PRV minimum pressure range to support normal and flush pressures.

- **Rack & Cage Storage**
  - Provide enclosed area within the Clean Zone to house sterilized cages and racks before they are re-introduced into the vivarium Holding Rooms.
  - A pass-through or similar dry heat sterilizer should be available.
  - Consider a miscellaneous clean storage room/space.

Pass-Through Equipment Zone for Cage Processing

- And enclosed barrier between Clean and Dirty Zones will house a tunnel washer, rack washer and two pass-through autoclaves.
  - The edge of the equipment on the Dirty Zone side will use a panel and bio-seal system.
  - The edge of the equipment on the Clean Zone side will use removable/accessible panels to access the equipment for maintenance from the Clean Zone side.

Dirty Zone/Area

- **Dirty Cage Processing**
  - Provide staging area within the Dirty Zone for cage dump, preliminary washdown, and loading of dirty cages and racks immediately adjacent to Pass-Through Equipment Zone (e.g. tunnel washer, rack washer, autoclaves).

- **Biowaste Cold Room with Carcass Removal**
  - Provide dedicated storage (refrigerated) and means to remove animal carcasses.

Holding Rooms

- Holding rooms shall be able to accommodate six Individual Ventilated Cage (IVC) racks.
- The sixth IVC rack can be replaced with either 1) an Animal Transfer Station, or 2) a Class II A2 recirculating, non-ducted nor thimble-connected Biosafety Cabinet.

- Ventilation systems shall be designed according to IVC manufacturer requirements.
- Deep basin sinks shall be provided in each holding room for handwashing and immediate need equipment cleaning.

Procedure Rooms

- Procedure Rooms cannot be used as offices, laboratories, or storage rooms.
- A Procedure Room (or Rooms) can also be used for the function of Euthanasia.
- Supply and exhaust grilles must be located to provide proper airflow within an occupied room. Typically, non-aspirating (perforated) supply air diffusers should be selected.
- Typically provide the following:
  - Appropriate scavenging vacuum or alternate means of gas exhaust or point exhaust snorkel.
  - Plumbed med air from a central tank location.
  - Hot and cold water at sink.
  - Coordinate receptacle locations with desired equipment.
  - Standard procedure rooms should accommodate one thimble connected Class II A2 Biosafety Cabinet.
  - Expanded procedure rooms should accommodate one thimble connected Class II A2 Biosafety Cabinet and one hard ducted Class II. B2 Biosafety Cabinet.
  - Coordinate safety requirements with UIC Environmental Health and Safety Office (EHSO) (e.g. Emergency shower and eye wash). Refer to “BRL Safety” Section below.
  - UIC Preference to have an additional exhaust port in each for items such as a snorkel. Define further in design phase.

Irradiation

- Provide small room for floor-mounted irradiator (e.g. PXi X-RAD 320 or similar).
- Space to accommodate 2-3 carts.

- Cabinet sink with shelving above.

Imaging

- Provide shell space (Phase 2) for future In Vivo Imaging System (IVIS) such as Lumina S5 or Spectrum microCT.
- Ensure vibration criteria established by IVIS manufacturer can be achieved either through structural means (e.g. VC-C) or by damped optical tables or vibration isolation systems.

BRL DESIGN CRITERIA

Walls

- Epoxy painted walls.
- Protect walls with guard rails.
- All outside corners within the laboratories shall have corner guards. Corner guards shall be stainless steel and span from 6” to 84” above finished floor

Flooring

- Vivarium flooring shall be of smooth texture, acid and solvent resistant, monolithic with an integral coved base.
- Basis of design flooring for the vivarium shall be Epoxy Resin.
  - It is strongly recommended to include/add grit to the Epoxy Resin in cagewash area flooring to improve grip and mitigate slips, trips and falls.
- Epoxy resin offers superior cleanability, chemical resistivity, and longevity.
- Epoxy resin flooring to extend under casework and include an integral base at the walls.

Ceilings

- No exposed conduit, piping, or ductwork is to be located below the datum line set by the general architectural design. The bottom of all lighting, grills, sprinklers, and other ceiling specific items are to be located at this specific datum line unless noted otherwise. At locations where ceilings are required, the following ceiling type is suggested:

- Upgraded epoxy coated, washable gypsum ceiling system. Ceilings are to be designed to be light tight. As such, all fixtures penetrating through the ceiling shall be fully gasketed or sealed.
- Ceiling Finish:
  - Smooth and non-porous.
  - Moisture resistant & non-absorbent.
  - Resistant to routine cleaning, disinfectants and decontamination procedures.
  - Resistant to damage form impacts or equipment movement

Doors

- Size: 42 inches wide by 84 inches high minimum. Discuss with BRL and Researcher as 42” may not be applicable in all locations.
- Type: Galvanized solid core metal door and frames. Review viewing window and related light control requirements with BRL.
  - UIC current preference is to exclude the viewing window.
- Configuration: Typically, in-swinging into housing rooms; however, direction may vary based on code requirements and traffic flow. In some locations, closing direction should be coordinated with air flow direction.
- Include door sweeps on all doors within the BRL to assist/support pest control and management.
- If door lites are present on doors to Holding Rooms, consideration should be given to applying red film to ensure proper photoperiod management for the animals.

Hardware

- Electronic access control with card readers.
  - Must be provided on all facility entrances, holding and procedure rooms.
- Delayed action closer.
- Door protection - armor plates and trim protection.
- Tight fitting self-sealing neoprene sweeps or surface mounted automatic door bottoms.
- Avoid projecting thresholds for ease of cart traffic.

Casework

- All casework fit out and finish shall be coordinated and approved between the University and design team. Casework shall be designed to support the general design while providing full safety and compliance with the Scientific Equipment Furniture Association (SEFA) and UIC standards.
- Stainless Steel casework, flush overlay with square corners.
- Base cabinets with 50% door and 50% drawer configuration.
- All casework with upper storage. To be stainless steel upper cabinets with glass fronts.
- Cabinet Hardware: 5-knuckle stainless steel hinges, drawer and door pulls, door catches, heavy-duty ball bearing drawer slides, label holders, countertop sleeves.
- Worksurface and backsplash Stainless steel
- Stainless Steel Sinks with strainer, tailpiece and overflow.
- Laboratory Water and Gas Service Fittings:
  - SEFA 7
  - Where gases are indicated on room data sheets, assume fixtures every 6 linear feet of casework.

Lighting

- Lighting requirements shall be based on species (dogs, cats, rabbits, rodents, birds, primates etc.). Discuss with UIC PM, BRL and researchers to understand how to handle requirements by species. Options for operations, staff entering space, night vision goggles, etc.
- Typically, illumination should be dual level with a high level of 60 to 100 fc (measured at 36" AFF with all lights on) and a low level of 30 to 50 fc (measured at 36" AFF). Lights will be controlled by a timer (manual or DDC) located just inside of the room door, under a waterproof cover. Optical sensors (photocells) shall provide feedback to BAS for the trending of both room light levels.
- Lighting types, intensity and color are variable based on species planned for research. The following should be considered:
  - Clarify white versus red light.

    - Consider two level lighting for stepped on/off (e.g. dawn/dusk versus abrupt on/off).
    - Consider hours of lighting and intensity.
    - Consider temporary “on” for cleaning during species switch over.
  - Provide waterproof lighting fixtures to prevent entry of insects and water spray from wash-down hoses, this includes all areas the utilize animal research subjects. Electrical receptacles shall have waterproof covers. Provide GFCI receptacles in all areas subject to wash-down or within 6 feet of sinks.
  - Refer to Chapter 13.0 in this document.
- Procedure lights:
  - Proposed Basis of Design Product - Steris Corp., HarmonyAIR G5 Series Surgical Light; ceiling mounted LED surgical light.

Standby Power

- Standby power may be critical to maintain animal health in a power outage, especially in locations using ventilated racks. Early in the design process, review the following considerations with the Design Team:
  - Need for standby power including, how much power, how quickly, and for how long.
  - Specific loads requiring power.
  - Spare capacity of existing generators.
  - Ability to add a generator, including available space, available fuel, and exhaust, noise and vibration impacts.
  - Cost impact on the project.
  - Alternatives, such as moving the animals elsewhere, connecting a portable generator to the building within a few hours, etc.
  - Consider HVAC for temperature and ventilation during power outage.

Plumbing

- Animal holding rooms should have hot and cold water and a stainless steel wall sink with a drain board. Provide hot and cold water hose bibs located under the sink.
- Floor drains capable of being capped (4") are desirable in all rooms, but may be excluded in certain circumstances. Wash down areas shall have the floor sloped 1/4" per yard and contain rim-flush drains. Drains should have locking covers and contain a bucket trap.

BRL SAFETY

It is recommended that the following safety features be provided in or accessible to each laboratory and meet OSHA and/or ANSI requirements for configuration, operation and location.

Safety Stations

- Provide recessed-style safety stations, consisting of a combination deluge shower, eye/face wash, and a chemical spill kit in each lab within 10 seconds travel distance of any area within all laboratory areas. The specific number and location will be based on the most stringent of the following: building configuration, code or UIC standard. Eye/face wash to operate independently of deluge shower. Height of eye/face wash basin, deluge shower pull ring and deluge showerhead shall meet ADA and ANSI requirements. Water shall be tempered. Safety stations shall be equipped with flow alarms tied to the central security:
  - Fixture style and installation to meet ANSI and ADA requirements.
  - Tempered water.
  - Eye/face wash to be tied into building sanitary system.
  - No floor drain.
  - UIC preference to include a safety station near each janitor closet.

Eye/Face Wash

- Hand-held, eye, face and body wash/drench hose unit shall be provided at each designated sink in the laboratory.

Fire Extinguishers

- Fire extinguishers count and location shall be determined per the UIC Fire Marshal in accordance with code or by UIC standard, whichever is more

stringent. Specific requirements related to chemical reactivity to fire extinguishers shall be revisited on a space by space-basis to avoid incompatibility with specific extinguisher types.
- UIC preference to provide recessed fire extinguisher housings.

Data & Fire Alarm

- Review needs for data jacks with waterproof covers in each animal housing and procedure room.
- Review wall phone locations with Project Team.
- Wi-Fi access points should be available throughout the space to accommodate research connectivity. Coordinate with UIC IT.
- Provide waterproof fire alarm devices in all areas subject to wash-down. *For animal spaces (e.g. Holding Rooms, Procedure Rooms), verify with BRL and PM the type of fire alarm sound and frequency.* Consider/review the following:
  - Fire alarm audible sound shall be a Temporal Code 3 slow whoop with a peak frequency of less than 500 Hz.
  - Contact UIC Facilities Management through the Project Manager for the latest recommendation on audible devices.
- Fire Alarm in cage wash areas shall be waterproof/steam proof and high temperature tolerant devices.
- Fire alarm visual (strobe lights) and audible devices shall be located in animal facility corridors, with special consideration given to notification devices, if necessary, within animal holding/procedure rooms based on code, local Authority Having Jurisdiction (AHJ), and/or UIC/BRL policy requirements.
- UIC preference to have a voice system.
- All fire alarms to be approved by the UIC Fire Marshal.

Signage

- Appropriate signage indicating, but not limited to Radioisotope, Flammable, Caustic, Microwave, or Magnetic Fields should be posted at each appropriate laboratory entry door. Signage to be furnished by Owner or accommodated in the wall-mounted room name/occupants signage system.
- Signage related to safety showers, eye-washes, fire-extinguishers and other safety devices should be posted according to manufacturer/ ANSI requirements. Signage to be furnished by product manufacturer and accommodated by the signage system approved by UIC.

BRL EQUIPMENT

Refer to appendix for Vivarium BOD cutsheets

Tunnel Washer

- Proposed Basis of Design Product – Better Built T2000 Series Tunnel Cage Washer – an Allentown Company
- Automatic, heavy-duty washer with high volume units designed to clean, sanitize and dry metal or plastic cages, water bottles in racks, pans and utensils used in the care and housing of research animals.

IVC Racks

- Proposed Basis of Design Product - NexGen Max Mouse Model #77 by Allentown
- Single Sided Cage Unit with top mounted blower. 60” x 24.5”, capacity 385 mice

Dry Heat Sterilizer

- Proposed Basis of Design Product – Better Built D600 Series Dry Heat Sterilizer– an Allentown Company
- This unit uses electric generated forced-air convection technology for reduced energy consumption. Compared to steam autoclaves, no water usage is required, maintenance is less and cost to own and operate is lower. Installation is simple and flexible with onsite assembly capability.

Bottle Filler

- Proposed Basis of Design Product – Better Built BFS Series Bottle Filling Stations – an Allentown Company
- Model BFS36
- Bottle Fillers are manually operated, manifold type fillers designed to fill feeder bottles loaded into wire bottle baskets. All Stainless-steel construction, under shelf for storage, adjustable fill time and interchangeable fill header designed to pivot upwards, making the fill station easy to clean.

Cage and Rack Washer

- Proposed Basis of Design Product – Better Built R600 Series Cage & Rack Washers– an Allentown Company
- Model based on conversation with vivarium director regarding future needs
- Cage and rack washers are automatic, heavy duty, multi-cycle, single chamber, floor loading, hydro-spray washers, using either an overlapping rotary spray arm system, a travelling manifold system, or an oscillating spray jet system for complete coverage.

Waste Disposal Station (WDS)

- Proposed Basis of Design Product – IWT – EOLUS System – a Techniplast Company
- The WDS is the point where the operator dumps the dirty bedding material which is then automatically and safely transported into the shredder via a conveyor belt.
- This piece of EQ needs approval from UIC after a conversation with Vivarium Manager

Autoclaves / Sterilizers

- Proposed Basis of Design Product – Allentown
- Built-In Pass-through Autoclave, double door.
- For decontamination of vivarium waste.
- Biocontainment features include bio-seal, uni-directional operation (one door always sealed), door seal with compressed air back-up, effluent sterilization system, isolation valves, and chemical decontamination injection port

BRL ACCESSIBILITY APPROACH

Accessible routes, 60” turning radius per 2018 IBC (67” per 2021 IBC), doorways, and door clearances shall be provided throughout the laboratories. Safety stations will also be ADA accessible.

- Casework, sinks, and fume hoods will be planned to accommodate casework ADA modifications in the future if feasible and when the need arises.
- Eye wash stations provided at casework sinks will be in addition to the accessible safety stations, and therefore not required to be accessible.

9.3 LOADING DOCK

In addition to the service and support of facility functionality, the new dock will support the unique needs of multidepartment research and BRL activities. Research delivery will be consumables, chemicals, biological samples, animals and equipment. This area may be overseen by a building manager who will control the reception of all materials into the DDCRP. Departmental personnel will require direct access to freight elevators serving both the upper-level research labs and the new BRL location. The service elevators will open directly into a secure vestibule on the other floors.

Chemical, Biological and BRL related waste materials will leave the DDCRP through the loading dock reversing their initial course via the freight elevators. Several large trash compactors and waste dumpsters will be located on the apron.

The ultimate size, parking, dumpster count and configuration of the dock apron must be confirmed and balanced with the University's desire for efficient operation and ultimate scale.

Research Support

The design for the loading dock should consider the following areas and activities to service research operations:

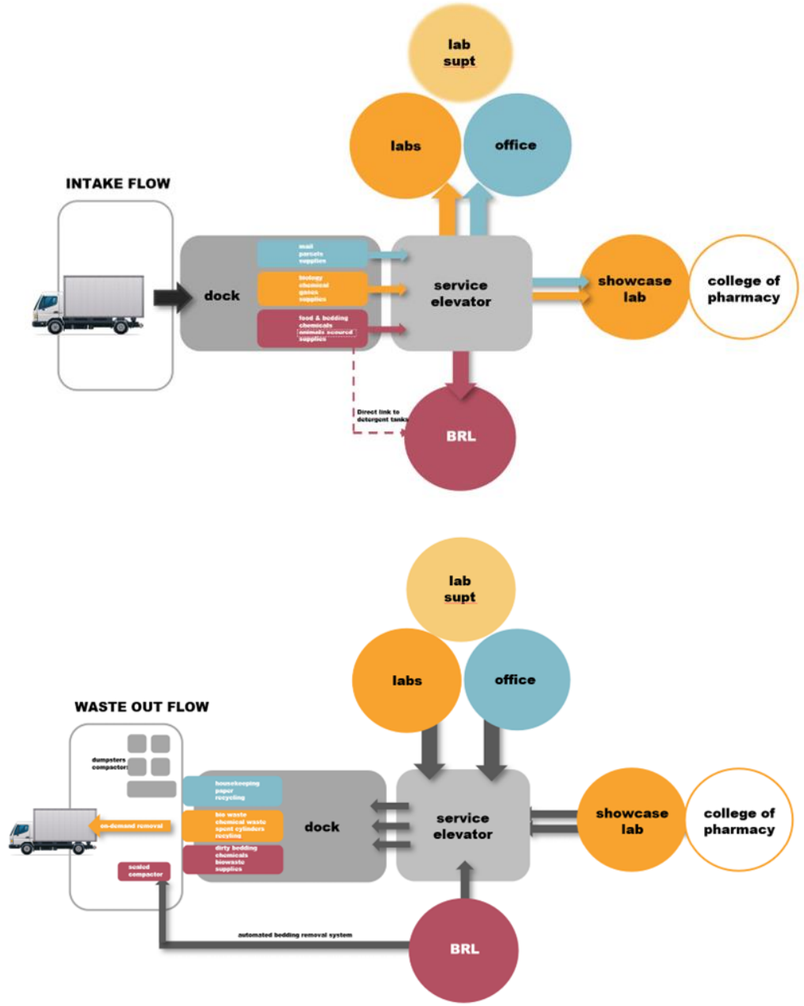
- New sealed pre-portioned chemicals, biology sample accessioning and lab consumables will be managed departmentally and coordinated with dock staff to maintain orderly operations. Note: UIC does not allow flammable liquid dispensing rooms to be installed or built in campus research facilities.
- Research equipment and instrumentation reception, with workspace for container breakdown and staging.
- Delivery and removal frequencies:
  - 4-5 deliveries per week expected for research consumables and chemicals, and materials.
  - Multiple daily mail and parcel carrier deliveries
  - Monthly cylinder exchange for compressed gases -6-7 deliveries/year for cryogens
  - Bio waste collection – weekly vendor removal cycle
  - Chemical waste collection – as required and collected from source by UIC EHSO personnel per regulation.
- Biological waste accumulation will occur at the dock as the final consolidation activity for materials collected from the individual labs until removal by the University's designated staff.
- All bays at the dock to have auto-levelers.

BRL Support

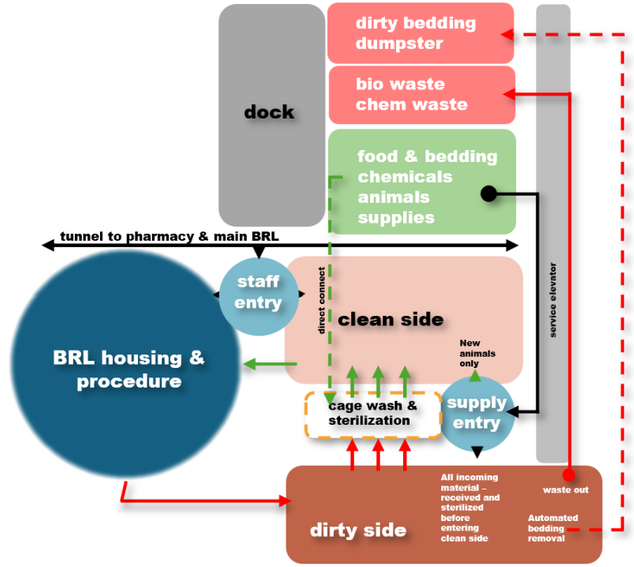
The design for the loading dock should include a specific and secure dock to support BRL operations**:**

- One of the 3 bays to be dedicated to BRL.
- The dock may require full-time staffing if animals are to be received at the DDCRP dock.
- Animal Receiving will occur at the DDCRP dock and is on a Monday/Wednesday schedule as follows:
  - Monday – up to 35 crates
  - Wednesday – and additional 20 crates
- Typical crate is 15”x24” to be staged in a small secure room with light, temperature and noise attenuation.
- Chemicals, specialty gases and bulk detergents to be received, secured and possibly held adjacent to the loading dock.
- Delivery and removal frequencies:
  - 6-10 pallets of Food and clean bedding are expected each week.
  - 2-3 pallets of PPE each week
  - Approximately 1,500-gallons of chemical detergent are expected to be once per month and will be stored in three interconnected 500-gallon tanks
  - Up to 10 yards of waste food/bedding generated daily. Collection/accumulation area to be enclosed and directly connected to the BRL dirty processing area via automated system.
- BRL Biological waste will be consolidated with the accumulation/staging area supporting the DDCRP.

DDCRP Service and Logistics Diagrams



BRL Loading Dock & Support Logistics



10.0

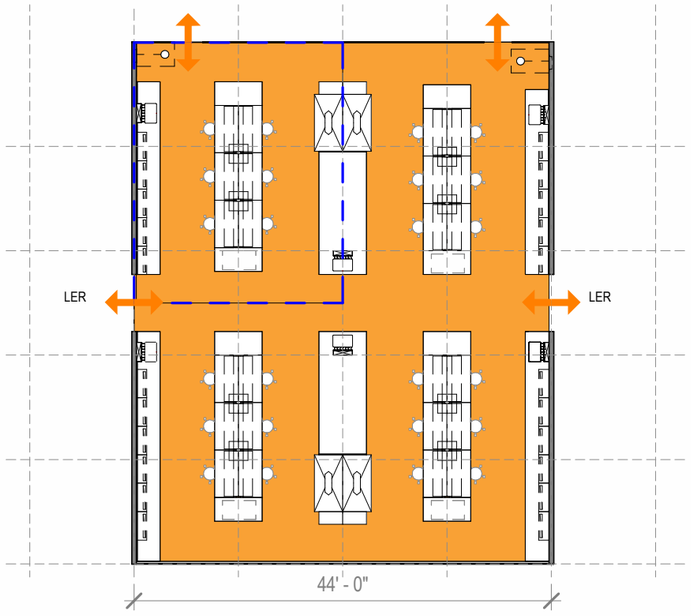
ROOM-SPECIFIC CRITERIA

10.1 LAB SPACES

Table of Contents - Laboratory

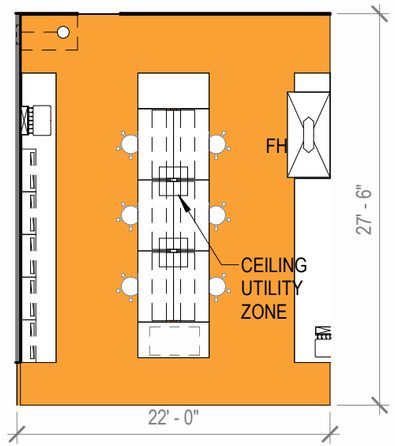
1.0	ROOM DATA SHEET TABLE OF CONTENTS
1.1.1	MEDIUM DENSITY FUME HOOD LABORATORY WET LAB MODULE (22' X 27'-6")
1.2.1	MEDIUM DENSITY LAB SUPPORT ROOM (11' X 11')
1.2.2	MEDIUM DENSITY LAB SUPPORT ROOM (11' x 22')
1.2.3	MEDIUM DENSITY LINEAR EQUIPMENT ROOM (LER) (11' x 22')
1.4.1	HIGH DENSITY FUME HOOD LABORATORY WET LAB MODULE (22' x 27.5')
1.5.1	HIGH DENSITY LAB SUPPORT ROOM 11' x 22'
1.5.2	MED / HIGH DENSITY LINEAR EQUIPMENT ROOM (LER) 11' x 22'
1.7.1	COLD ROOM
1.7.2	LAB KITCHEN / GLASSWASH
1.7.3	CHEMISTRY STORAGE
1.7.4	INSTRUMENTATION SPACE (22' X 22')
2.1	HIGH THROUGHPUT SCREENING / INSTRUMENTATION LAB & SUPPORT
2.2	ADVANCED IMAGING / MICROSCOPY SUITE
2.3	BRL/VIVARIUM
2.3.1.3	UNISEX ANTE ROOM
2.3.1.4	MALE/FEMALE INDIVIDUAL ANTE ROOM
2.3.2.1-6	DIRTY
2.3.2.7-15	CLEAN
2.3.2.16-18	PASS-THROUGH EQUIPMENT ZONE
2.3.4.1	GENERAL HOLDING ROOM
2.3.4.2	HAZARDOUS HOLDING ROOM
2.3.4.4	PROCEDURE ROOM STANDARD
2.3.4.5	PROCEDURE ROOM LARGE / DUAL PURPOSE
2.3.4.6	IRRADIATION
2.4.4	FUTURE IMAGING
4.2	LOADING DOCK
4.2.3.1	ANIMAL RECEIVING
4.2.3.2	CLEAN BEDDING STAGING
4.2.3.3	DIRTY BEDDING
4.2.3.5	CHEMICAL STORAGE - DETERGENT AND CLEANING MATERIALS
4.2.4.1	BIO INCOMING (SCIENCE / SAMPLE RECEIVING / ACCESSIONING)
4.2.4.2	BIOWASTE OUTGOING
4.2.4.3	CHEMICAL INCOMING (STORES WITH REFRIGERATION)

1.1.1 MEDIUM DENSITY FUME HOOD LABORATORY WET LAB MODULE (22' X 27'-6")



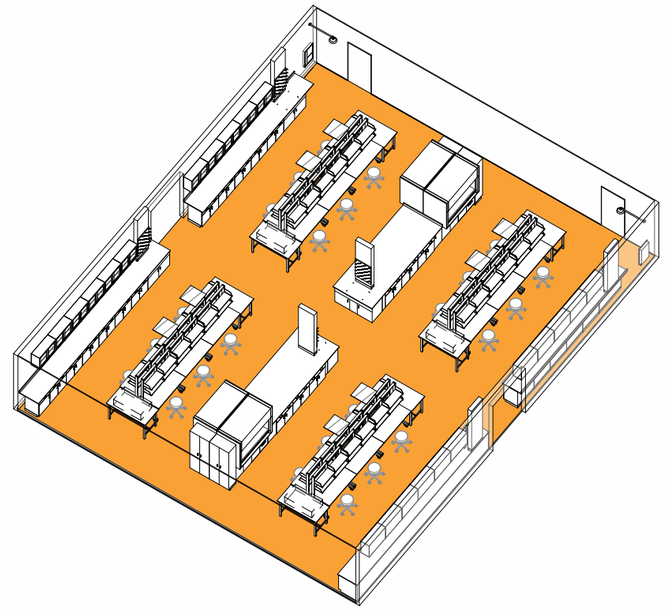
1.1 ORGANIZATIONAL CONCEPT 1/16" = 1'-0"

0' - 0" 16' - 0" 32' - 0"



1.1.1 RESEARCH PLANNING MODULE 3/32" = 1'-0"

0' - 0" 8' - 0" 16' - 0"



1.1 AXON

Room Data

Department / Type:	Medium Density Fume Hood Wet Lab
Notes:	1 PI Team per Research Planning Module
Program Qty:	4
Program NSF:	605 NSF
Program ASF:	2,420 ASF

Architectural:

Ceiling Height:	9' Min.
Ceiling:	ACT
Floors:	Rubber Flooring
Wall Finish:	Epoxy Paint
Wall Base:	Cove
Shielding Criteria:	No
Fire Separation:	Per Current Adopted Code
Natural Light:	Direct Desired

Lab Standards

Bench Height	34" - 36"
Accessible Workstation:	Provide Adjustable Bench per lab
Chemical Storage:	Under Fume Hoods
Coat Hook:	Near Lab Entry
Marker Board:	Yes

EQ Design Considerations

Vibration Sensitive Equipment:	TBD
Vibration Producing Equipment:	Yes
Heat Sensitive Equipment:	TBD
Heat Producing Equipment:	Yes
Light Sensitive Equipment:	No
Noise Producing Equipment:	Yes
Vibration Criteria:	min. 4000 mips

Fire Protection/Safety/Security

Fire Suppression System:	Sprinkler
Gas Leak Detection:	TBD
Video Camera:	No
Request to Exit Button:	No
Intercom/Public Address:	Yes

Plumbing:

Water:	Hot & Cold
Pure Water:	Central RO, Local DI Polisher as needed
Eyewash:	Drench Hose at each sink
Combo Eyewash/Shower:	per ANSI Z358.1
Eyewash/Shower Drain:	Per UIC Standards
Steam:	No
Specialty Gasses:	TBD

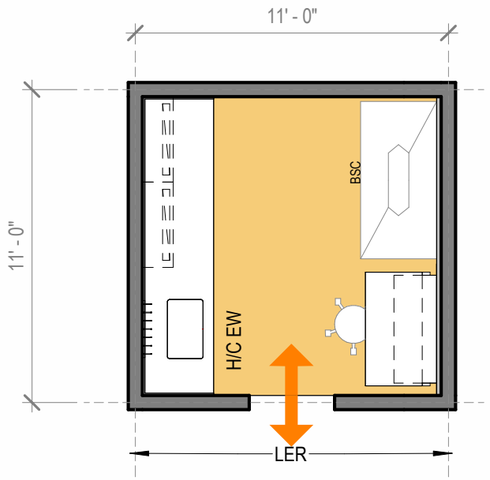
Electrical:

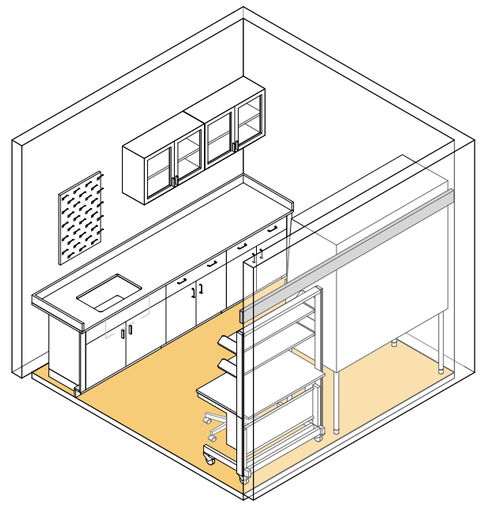
120V Normal Power:	Yes
208V Normal Power:	(2) per double sided bench
Data:	Yes
UPS Receptacles:	Yes
Lighting Level:	80 - 100 FC
Task Lighting	Under Shelves
Emergency Shut-Off:	Locate electrical panel near lab door
Light Control:	Occupancy Sensor
In-Use Light:	No
TV/Monitor/MATV:	Yes

Mechanical:

Temperature	72d F
Temperature Control:	(+/-) 2 degrees
Humidity:	65% RH or less
Pressurization:	Negative
Air Changes:	6 to 8
Laminar Flow:	No
High/Low Ventilation:	No
Heat Load:	Medium
Fume Hood:	1 per PI Planning Module
Bio-Safety Cabinet:	Non-ducted
Canopy Hood:	No
Point Exhaust:	TBD

1.2.1 MEDIUM DENSITY LAB SUPPORT ROOM (11' X 11')





1.2.1 PLANNING MODULE 3/16" = 1'-0"

0' - 0" 4' - 0" 8' - 0"

1.2.1 AXON

Room Data

Department / Type:	Medium Density Lab Support 11'x11'
Notes:	1 per PI Planning Unit
Program Qty:	6
Program NSF:	121 NSF
Program ASF:	726 ASF

Architectural:

Ceiling Height:	9' Min.
Ceiling:	ACT
Floors:	Rubber Flooring
Wall Finish:	Epoxy Paint
Wall Base:	Cove
Shielding Criteria:	No
Fire Separation:	Per Current Adopted Code
Natural Light:	None Required

Lab Standards

Bench Height:	30" Sitting, 34"-36" Standing
Accessible Workstation:	Provide Adjustable Bench per lab
Chemical Storage:	No
Coat Hook:	No
Marker Board:	TBD

EQ Design Considerations

Vibration Sensitive Equipment:	Yes
Vibration Producing Equipment:	Yes
Heat Sensitive Equipment:	TBD
Heat Producing Equipment:	Yes
Light Sensitive Equipment:	No
Noise Producing Equipment:	Yes
Vibration Criteria:	min. 4000 mips

Fire Protection/Safety/Security

Fire Suppression System:	Sprinkler
Gas Leak Detection:	TBD
Video Camera:	No
Request to Exit Button:	No
Intercom/Public Address:	Yes

Plumbing:

Water:	Hot & Cold
Pure Water:	Central RO, Local DI Polisher as needed
Eyewash:	Drench Hose at each sink
Combo Eyewash/Shower:	per ANSI Z358.1
Eyewash/Shower Drain:	Per UIC Standards
Steam:	No
Specialty Gasses:	TBD

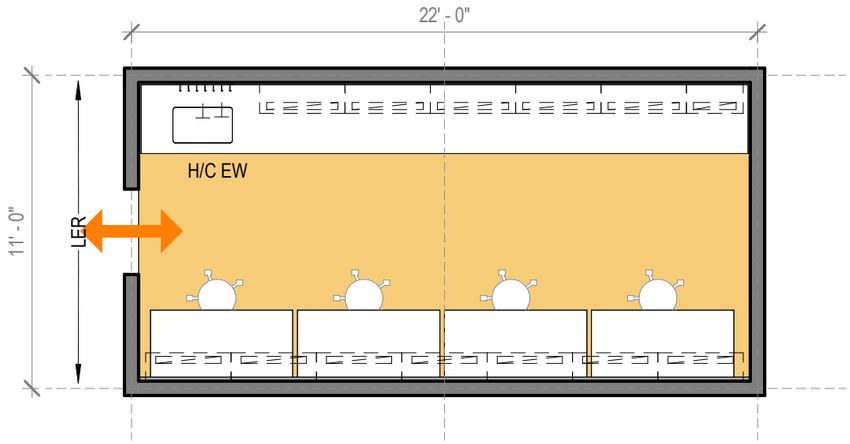
Mechanical:

120V Normal Power:	Yes
208V Normal Power:	Yes
Data:	Yes
UPS Receptacles:	Yes
Lighting Level:	60 - 80 FC
Task Lighting	Under Shelves
Emergency Shut-Off:	Locate electrical panel near lab door
Light Control:	Occupancy Sensor & Dimmer
In-Use Light:	TBD
TV/Monitor/MATV:	Yes

Electrical:

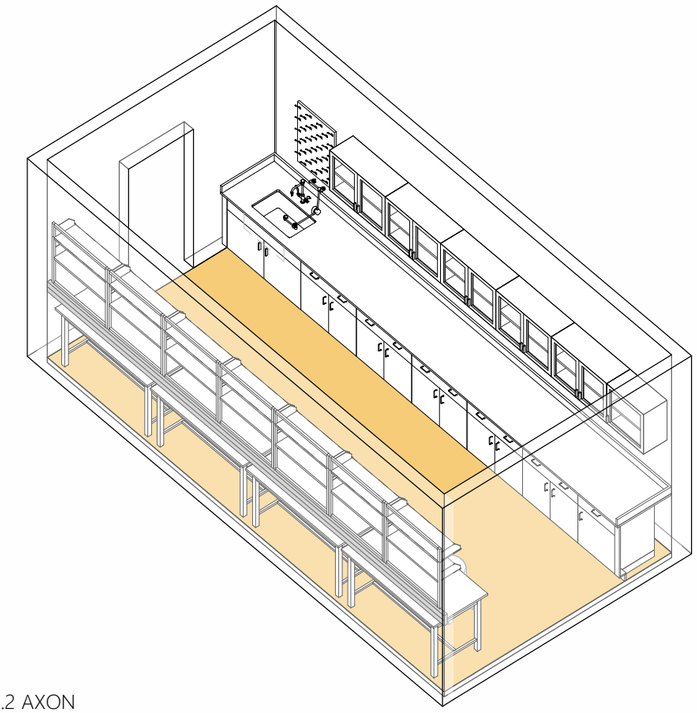
Temperature	72d F
Temperature Control:	(+/-) 2 degrees
Humidity:	65% RH or less
Pressurization:	Negative
Air Changes:	6 to 8
Laminar Flow:	No
High/Low Ventilation:	No
Heat Load:	Medium - High
Fume Hood:	No
Bio-Safety Cabinet:	Class II, A2 - Possible Thimble Connection Required
Canopy Hood:	No

1.2.2 MEDIUM DENSITY LAB SUPPORT ROOM (11' x 22')



1.2.2 PLANNING MODULE 3/16" = 1'-0"

0' - 0" 4' - 0" 8' - 0"



1.2.2 AXON

Room Data

Department / Type:	Medium Density Lab Support 11'x22'
Notes:	Shared or Split/Dedicated
Program Qty:	2
Program NSF:	242 NSF
Program ASF:	484 ASF

Architectural:

Ceiling Height:	9' Min.
Ceiling:	ACT
Floors:	Rubber Flooring
Wall Finish:	Epoxy Paint
Wall Base:	Cove
Shielding Criteria:	No
Fire Separation:	Per Current Adopted Code
Natural Light:	None Required

Lab Standards

Bench Height	30" Sitting, 34"-36" Standing
Accessible Workstation:	Provide Adjustable Bench per lab
Chemical Storage:	No
Coat Hook:	No
Marker Board:	TBD

EQ Design Considerations

Vibration Sensitive Equipment:	Yes
Vibration Producing Equipment:	Yes
Heat Sensitive Equipment:	TBD
Heat Producing Equipment:	Yes
Light Sensitive Equipment:	No
Noise Producing Equipment:	Yes
Vibration Criteria:	min. 4000 mips

Fire Protection/Safety/Security

Fire Suppression System:	Sprinkler
Gas Leak Detection:	TBD
Video Camera:	No
Request to Exit Button:	No
Intercom/Public Address:	Yes

Plumbing:

Water:	Hot & Cold
Pure Water:	Central RO, Local DI Polisher as needed
Eyewash:	Drench Hose at each sink
Combo Eyewash/Shower:	per ANSI Z358.1
Eyewash/Shower Drain:	Per UIC Standards
Steam:	No
Specialty Gasses:	TBD

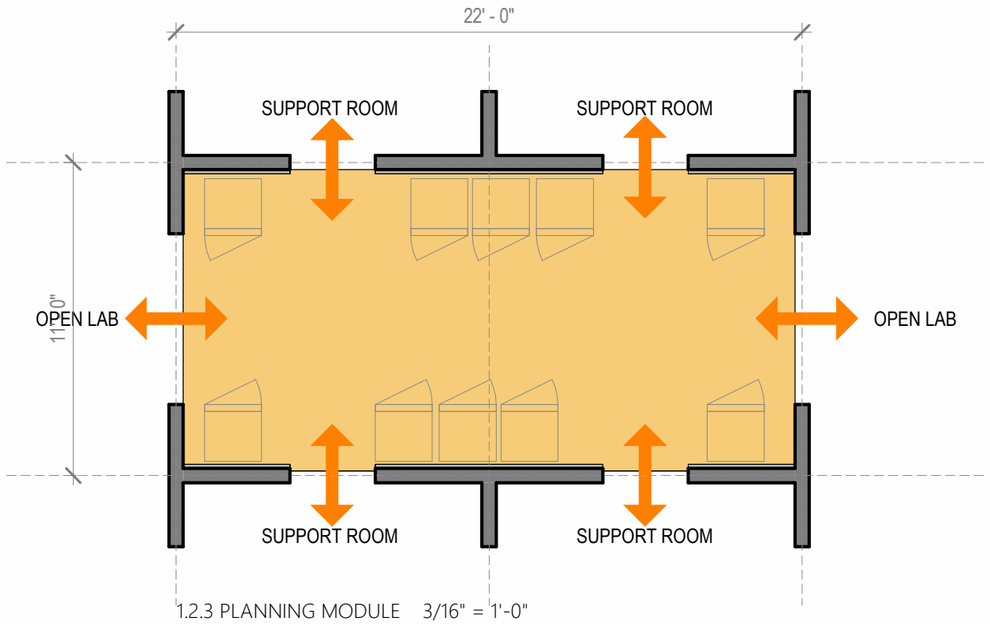
Electrical:

120V Normal Power:	Yes
208V Normal Power:	Yes
Data:	Yes
UPS Receptacles:	Yes
Lighting Level:	60 - 80 FC
Task Lighting	Under Shelves
Emergency Shut-Off:	Locate electrical panel near lab door
Light Control:	Occupancy Sensor & Dimmer
In-Use Light:	TBD
TV/Monitor/MATV:	Yes

Mechanical:

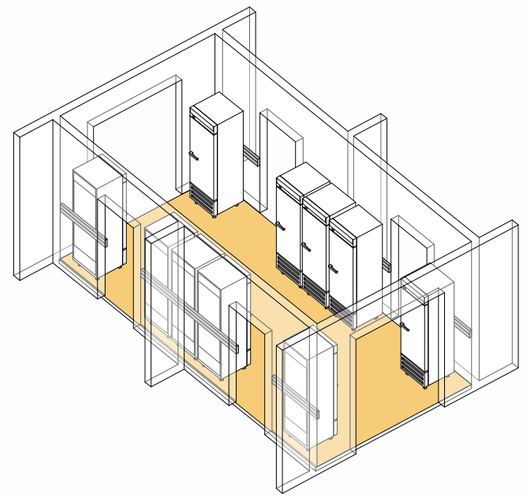
Temperature	72d F
Temperature Control:	(+/-) 2 degrees
Humidity:	65% RH or less
Pressurization:	Negative
Air Changes:	6 to 8
Laminar Flow:	No
High/Low Ventilation:	No
Heat Load:	Medium - High
Fume Hood:	No
Bio-Safety Cabinet:	No
Canopy Hood:	No

1.2.3 MEDIUM DENSITY LINEAR EQUIPMENT ROOM (LER) (11' x 22')



1.2.3 PLANNING MODULE 3/16" = 1'-0"

0' - 0" 4' - 0" 8' - 0"



1.2.3 AXON

Room Data

Department / Type:	Medium Density Linear EQ. Rm (LER) 11'x22'
Notes:	Shared
Program Qty:	2
Program NSF:	242 NSF
Program ASF:	484 ASF

Architectural:

Ceiling Height:	9' Min.
Ceiling:	None Required
Floors:	Sealed Concrete
Wall Finish:	Paint
Wall Base:	Cove
Shielding Criteria:	No
Fire Separation:	Per Current Adopted Code
Natural Light:	None Required

Lab Standards

Bench Height	34"-36" Standing
Accessible Workstation:	No
Chemical Storage:	No
Coat Hook:	No
Marker Board:	TBD

EQ Design Considerations

Vibration Sensitive Equipment:	No
Vibration Producing Equipment:	Yes
Heat Sensitive Equipment:	No
Heat Producing Equipment:	Yes
Light Sensitive Equipment:	No
Noise Producing Equipment:	Yes
Vibration Criteria:	min. 4000 mips

Fire Protection/Safety/Security

Fire Suppression System:	Sprinkler
Gas Leak Detection:	TBD
Video Camera:	No
Request to Exit Button:	No
Intercom/Public Address:	Yes

Plumbing:

Water:	No
Pure Water:	No
Eyewash:	No
Combo Eyewash/Shower:	per ANSI Z358.1
Eyewash/Shower Drain:	Per UIC Standards
Steam:	No
Specialty Gasses:	TBD

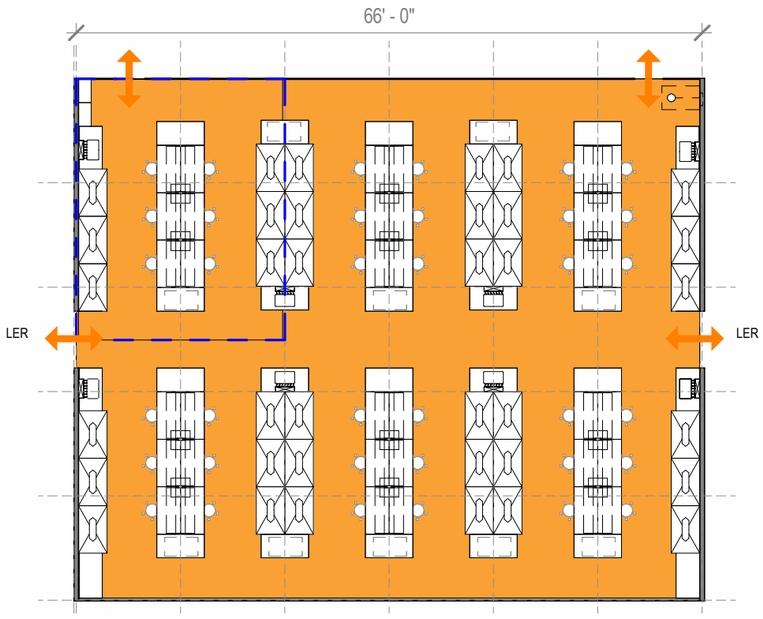
Electrical:

120V Normal Power:	Yes
208V Normal Power:	Yes
Data:	Yes
UPS Receptacles:	Yes
Lighting Level:	60 - 80 FC
Task Lighting	No
Emergency Shut-Off:	Locate electrical panel near lab door
Light Control:	Occupancy Sensor
In-Use Light:	No
TV/Monitor/MATV:	No

Mechanical:

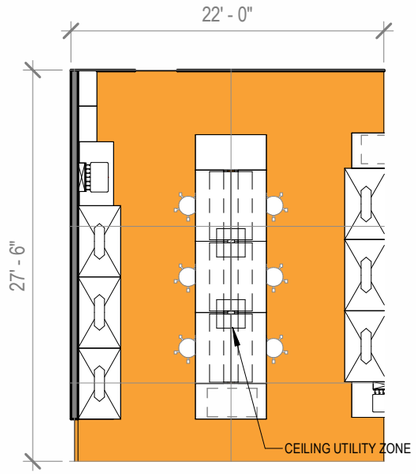
Temperature	72d F
Temperature Control:	(+/-) 2 degrees
Humidity:	65% RH or less
Pressurization:	Negative
Air Changes:	6 to 8
Laminar Flow:	No
High/Low Ventilation:	No
Heat Load:	High
Fume Hood:	No
Bio-Safety Cabinet:	No
Canopy Hood:	TBD

1.4.1 HIGH DENSITY FUME HOOD LABORATORY WET LAB MODULE (22' x 27.5')



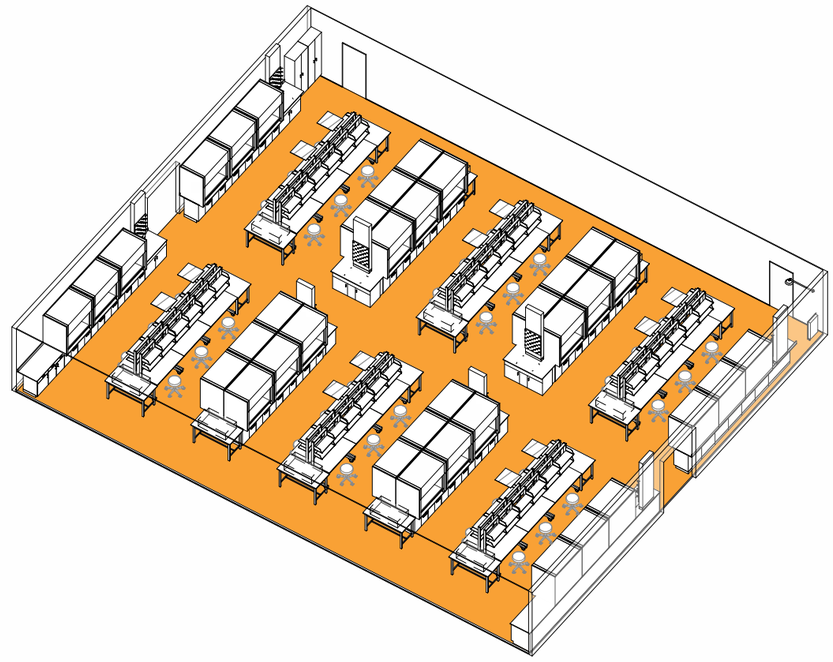
1.4 ORGANIZATIONAL CONCEPT 1/16" = 1'-0"

0' - 0" 16' - 0" 32' - 0"



1.4.1 RESEARCH PLANNING MODULE 3/32" = 1'-0"

0' - 0" 8' - 0" 16' - 0"



1.4 AXON

Room Data

Department / Type:	High Density Fume Hood Wet Lab 22'x27.5'
Notes:	1 PI Team per Research Planning Module
Program Qty:	6
Program NSF:	605 NSF
Program ASF:	3,630 ASF

Architectural:

Ceiling Height:	9' Min.
Ceiling:	ACT
Floors:	Rubber Flooring
Wall Finish:	Epoxy Paint
Wall Base:	Cove
Shielding Criteria:	No
Fire Separation:	Per Current Adopted Code
Natural Light:	Direct Desired

Lab Standards

Bench Height	34" - 36"
Accessible Workstation:	Provide Adjustable Bench per lab
Chemical Storage:	Under Fume Hoods
Coat Hook:	Near Lab Entry
Marker Board:	Yes

EQ Design Considerations

Vibration Sensitive Equipment:	TBD
Vibration Producing Equipment:	Yes
Heat Sensitive Equipment:	TBD
Heat Producing Equipment:	Yes
Light Sensitive Equipment:	No
Noise Producing Equipment:	Yes
Vibration Criteria:	min. 4000 mips

Fire Protection/Safety/Security

Fire Suppression System:	Sprinkler
Gas Leak Detection:	TBD
Video Camera:	No
Request to Exit Button:	No
Intercom/Public Address:	Yes

Plumbing:

Water:	Hot & Cold
Pure Water:	Central RO, Local DI Polisher as needed
Eyewash:	Drench Hose at each sink
Combo Eyewash/Shower:	per ANSI Z358.1
Eyewash/Shower Drain:	Per UIC Standards
Steam:	No
Specialty Gasses:	TBD

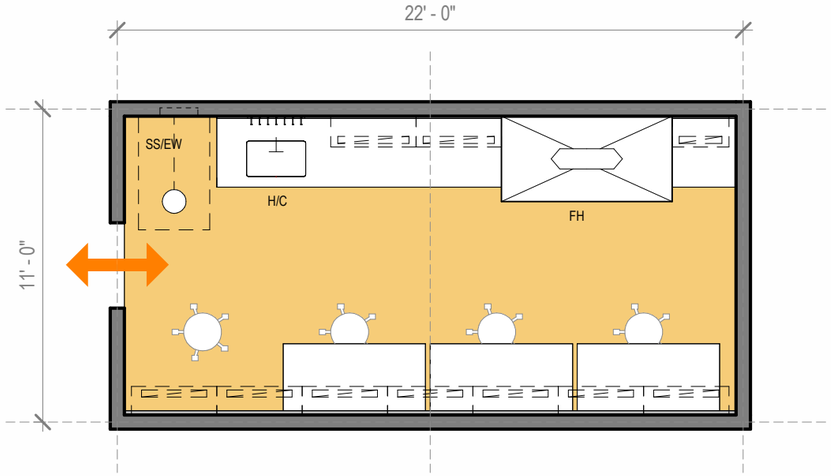
Electrical:

120V Normal Power:	Yes
208V Normal Power:	(2) per double sided bench
Data:	Yes
UPS Receptacles:	Yes
Lighting Level:	80 - 100 FC
Task Lighting	Under Shelves
Emergency Shut-Off:	Locate electrical panel near lab door
Light Control:	Occupancy Sensor
In-Use Light:	No
TV/Monitor/MATV:	Yes

Mechanical:

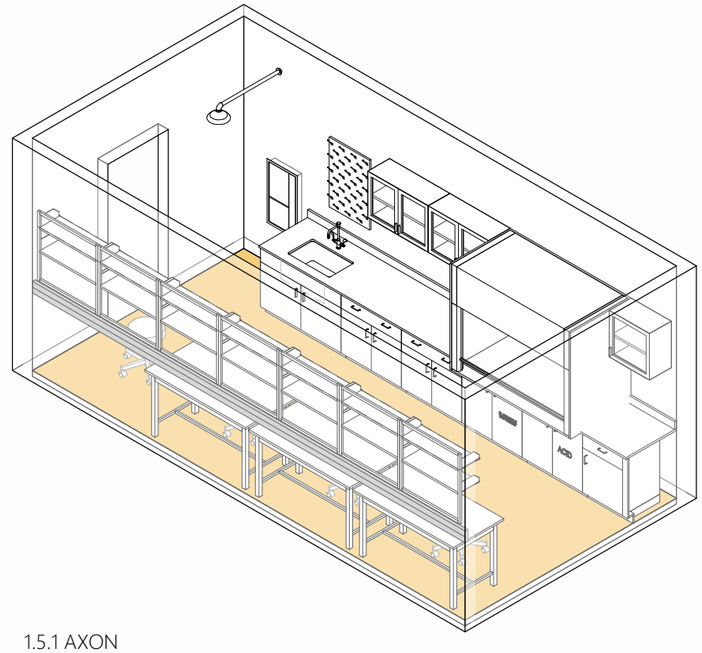
Temperature	72d F
Temperature Control:	(+/-) 2 degrees
Humidity:	65% RH or less
Pressurization:	Negative
Air Changes:	6 to 8
Laminar Flow:	No
High/Low Ventilation:	No
Heat Load:	High
Fume Hood:	Up to 6 Per PI Planning Module
Bio-Safety Cabinet:	Non-ducted
Canopy Hood:	No
Point Exhaust:	TBD

1.5.1 HIGH DENSITY LAB SUPPORT ROOM 11' x 22'



1.5.1 PLANNING MODULE 3/16" = 1'-0"

0' - 0" 4' - 0" 8' - 0"



1.5.1 AXON

Room Data

Department / Type:	High Density Lab Support 11'x22'
Notes:	Shared or Split/Dedicated
Program Qty:	1
Program NSF:	242 NSF
Program ASF:	242 ASF

Architectural:

Ceiling Height:	9' Min.
Ceiling:	ACT
Floors:	Rubber Flooring
Wall Finish:	Epoxy Paint
Wall Base:	Cove
Shielding Criteria:	No
Fire Separation:	Per Current Adopted Code
Natural Light:	None Required

Lab Standards

Bench Height	30" Sitting, 34"-36" Standing
Accessible Workstation:	Provide Adjustable Bench per lab
Chemical Storage:	Under Fume Hoods
Coat Hook:	No
Marker Board:	Yes

EQ Design Considerations

Vibration Sensitive Equipment:	TBD
Vibration Producing Equipment:	Yes
Heat Sensitive Equipment:	TBD
Heat Producing Equipment:	Yes
Light Sensitive Equipment:	No
Noise Producing Equipment:	Yes
Vibration Criteria:	min. 4000 mips

Fire Protection/Safety/Security

Fire Suppression System:	Sprinkler
Gas Leak Detection:	TBD
Video Camera:	No
Request to Exit Button:	No
Intercom/Public Address:	Yes

Plumbing:

Water:	Hot & Cold
Pure Water:	Central RO, Local DI Polisher as needed
Eyewash:	Drench Hose at each sink
Combo Eyewash/Shower:	per ANSI Z358.1
Eyewash/Shower Drain:	Per UIC Standards
Steam:	No
Specialty Gasses:	TBD

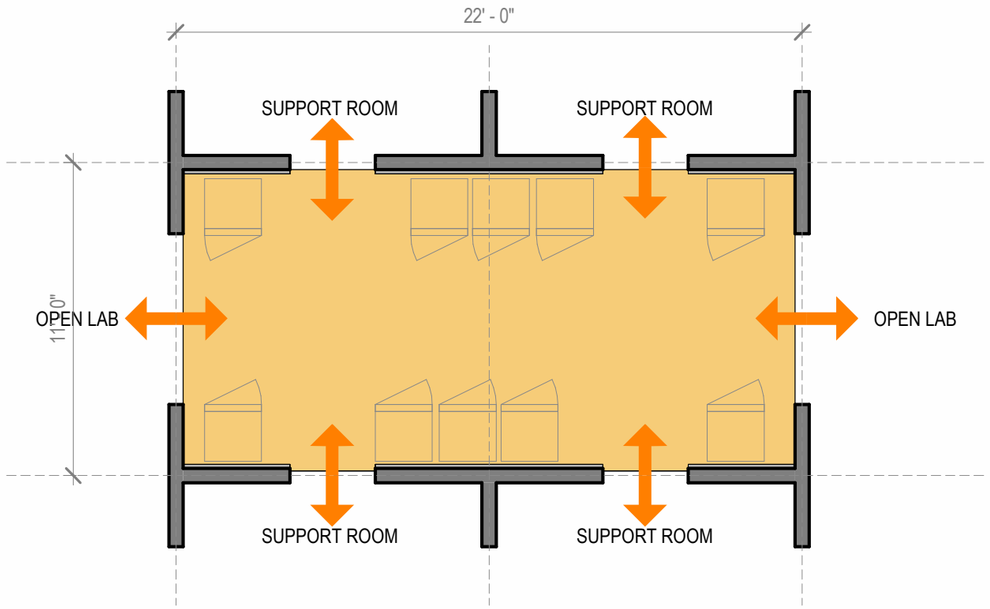
Electrical:

120V Normal Power:	Yes
208V Normal Power:	Yes
Data:	Yes
UPS Receptacles:	Yes
Lighting Level:	60 - 80 FC
Task Lighting	Under Shelves
Emergency Shut-Off:	Locate electrical panel near lab door
Light Control:	Occupancy Sensor & Dimmer
In-Use Light:	TBD
TV/Monitor/MATV:	Yes

Mechanical:

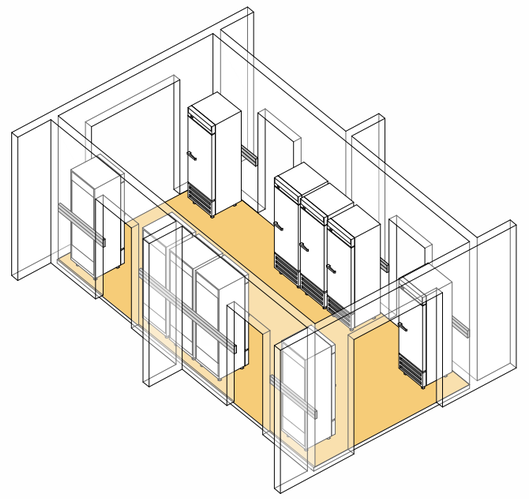
Temperature	72d F
Temperature Control:	(+/-) 2 degrees
Humidity:	65% RH or less
Pressurization:	Negative
Air Changes:	6 to 8
Laminar Flow:	No
High/Low Ventilation:	No
Heat Load:	Medium - High
Fume Hood:	Yes
Bio-Safety Cabinet:	Class II, A2
Canopy Hood:	No

1.5.2 MED / HIGH DENSITY LINEAR EQUIPMENT ROOM (LER) 11' x 22'



1.2.3 PLANNING MODULE - 3/16" = 1'-0"





1.2.3 AXON -

Room Data

Department / Type:	Medium Density Linear EQ. Rm (LER) 11'x22'
Notes:	Shared
Program Qty:	2
Program NSF:	242 NSF
Program ASF:	484 ASF

Architectural:

Ceiling Height:	9' Min.
Ceiling:	None Required
Floors:	Sealed Concrete
Wall Finish:	Paint
Wall Base:	Cove
Shielding Criteria:	No
Fire Separation:	Per Current Adopted Code
Natural Light:	None Required

Lab Standards

Bench Height	34"-36" Standing
Accessible Workstation:	No
Chemical Storage:	No
Coat Hook:	No
Marker Board:	TBD

EQ Design Considerations

Vibration Sensitive Equipment:	No
Vibration Producing Equipment:	Yes
Heat Sensitive Equipment:	No
Heat Producing Equipment:	Yes
Light Sensitive Equipment:	No
Noise Producing Equipment:	Yes
Vibration Criteria:	min. 4000 mips

Fire Protection/Safety/Security

Fire Suppression System:	Sprinkler
Gas Leak Detection:	TBD
Video Camera:	No
Request to Exit Button:	No
Intercom/Public Address:	Yes

Plumbing:

Water:	No
Pure Water:	No
Eyewash:	No
Combo Eyewash/Shower:	per ANSI Z358.1
Eyewash/Shower Drain:	Per UIC Standards
Steam:	No
Specialty Gasses:	TBD

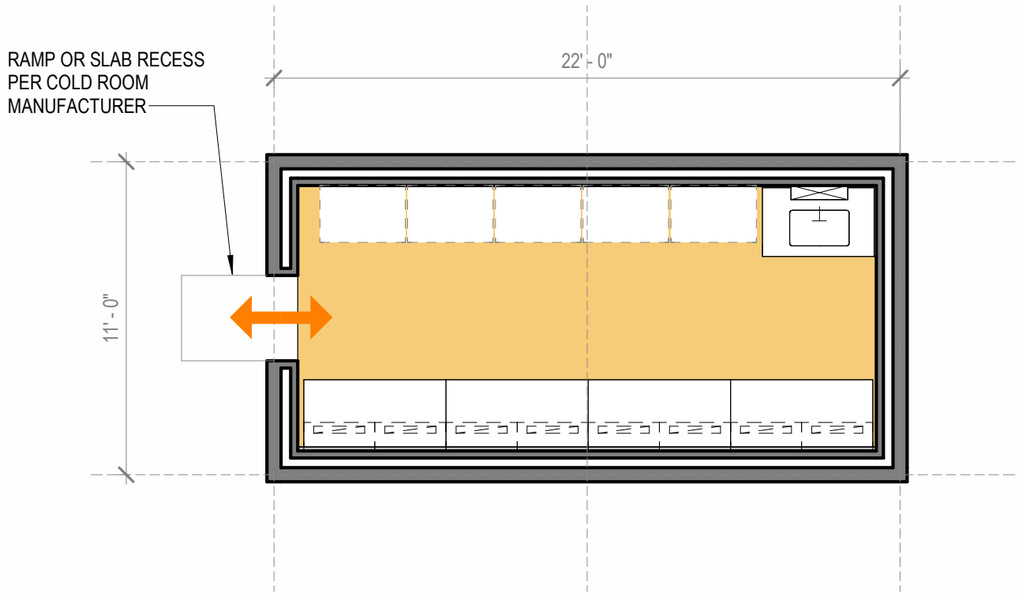
Electrical:

120V Normal Power:	Yes
208V Normal Power:	Yes
Data:	Yes
UPS Receptacles:	Yes
Lighting Level:	60 - 80 FC
Task Lighting	No
Emergency Shut-Off:	Locate electrical panel near lab door
Light Control:	Occupancy Sensor
In-Use Light:	No
TV/Monitor/MATV:	No

Mechanical:

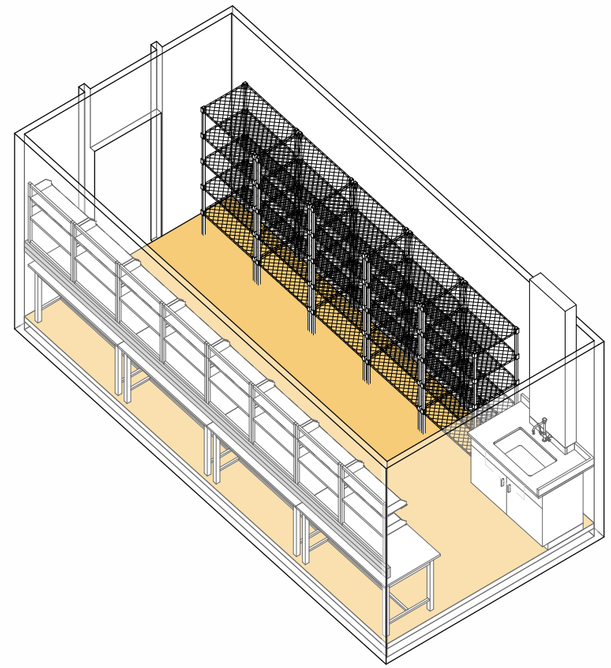
Temperature	72d F
Temperature Control:	(+/-) 2 degrees
Humidity:	65% RH or less
Pressurization:	Negative
Air Changes:	6 to 8
Laminar Flow:	No
High/Low Ventilation:	No
Heat Load:	High
Fume Hood:	No
Bio-Safety Cabinet:	No
Canopy Hood:	TBD

1.7.1 COLD ROOM



1.7.1 PLANNING MODULE 3/16" = 1'-0"

0' - 0" 4' - 0" 8' - 0"



1.7.1 AXON

Room Data

Department / Type:	Cold Room
Notes:	2 Per Floor
Program Qty:	8
Program NSF:	180 SF
Program ASF:	1440 SF

Architectural:

Ceiling Height:	10' Min. enclosure height
Ceiling:	Environmental Rm. Enclosure
Floors:	Rubber Flooring
Wall Finish:	Environmental Rm. Enclosure
Wall Base:	Rubber Cove
Shielding Criteria:	No
Fire Separation:	Per Current Adopted Code
Natural Light:	None Required

Lab Standards

Bench Height	30" Sitting, 34"-36" Standing
Accesible Workstation:	Provide Adjustable Bench per lab
Chemical Storage:	No
Coat Hook:	No
Marker Board:	TBD

EQ Design Considerations

Vibration Sensitive Equipment:	Yes
Vibration Producing Equipment:	Yes
Heat Sensitive Equipment:	TBD
Heat Producing Equipment:	Yes
Light Sensitive Equipment:	No
Noise Producing Equipment:	Yes

Fire Protection/Safety/Security

Fire Suppression System:	Sprinkler
Gas Leak Detection:	TBD
Video Camera:	No
Request to Exit Button:	No
Intercom/Public Address:	Yes

Plumbing:

Water:	Hot & Cold
Pure Water:	No
Eyewash:	No
Combo Eyewash/Shower:	per ANSI Z358.1
Eyewash/Shower Drain:	Per UIC Standards
Steam:	No

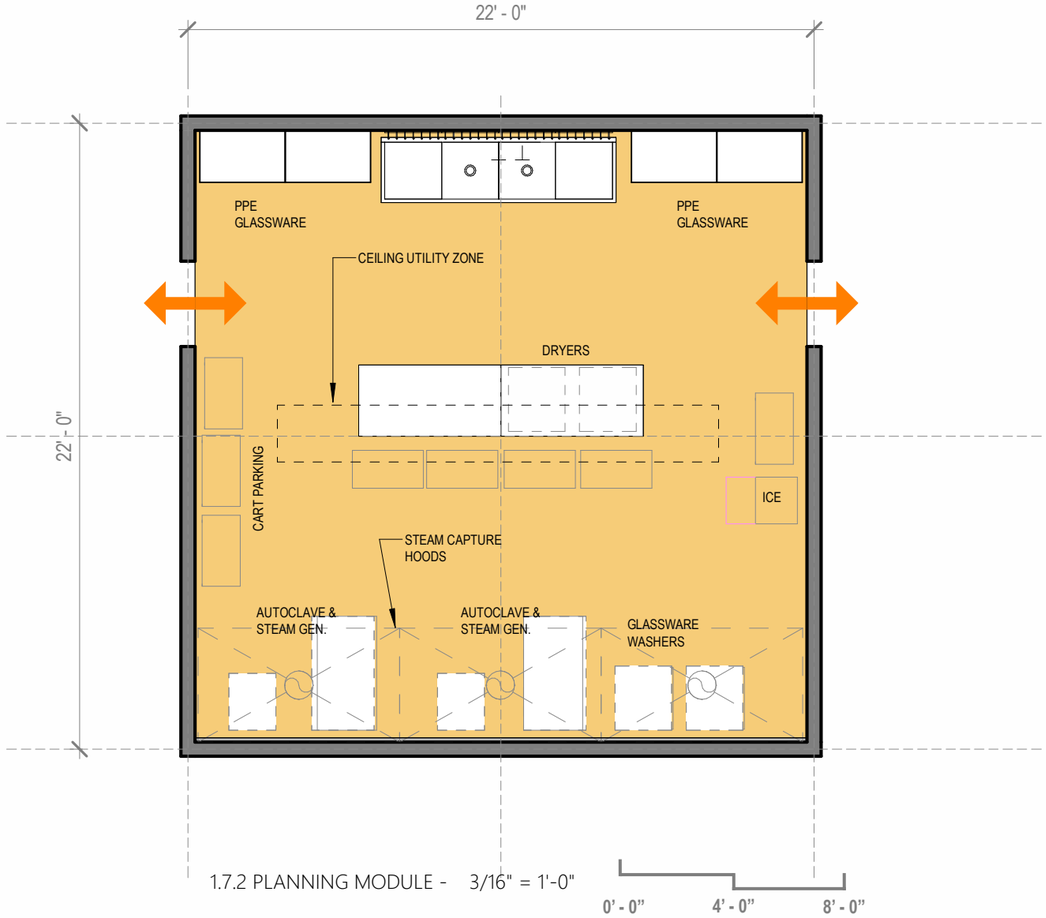
Electrical:

120V Normal Power:	Yes
208V Normal Power:	Yes
Data:	Yes
UPS Receptacles:	Yes
Lighting Level:	60 - 80 FC
Task Lighting	No
Emergency Shut-Off:	Locate electrical panel near lab door
Light Control:	Occupancy Sensor
In-Use Light:	TBD
TV/Monitor/MATV:	No

Mechanical:

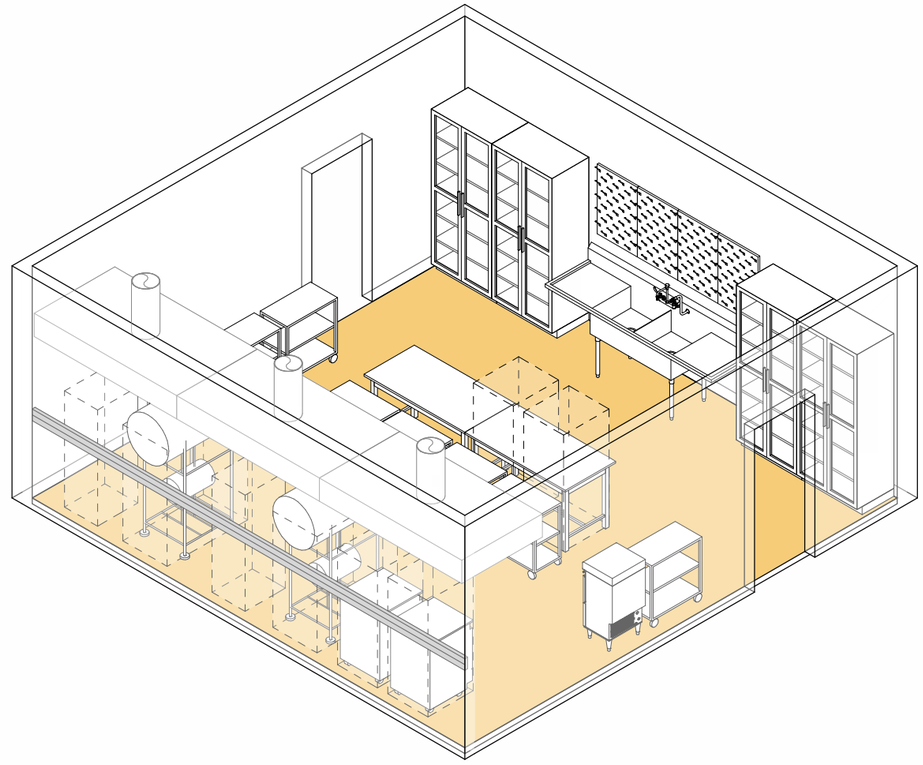
Temperature	4d C
Temperature Control:	Per manufacturer recommendation
Humidity:	Per manufacturer recommendation
Pressurization:	Negative
Air Changes:	Per manufacturer recommendation
Laminar Flow:	Per manufacturer recommendation
High/Low Ventilation:	Per manufacturer recommendation
Heat Load:	High
Fume Hood:	No
Bio-Safety Cabinet:	No
Canopy Hood:	No

1.7.2 LAB KITCHEN / GLASSWASH



1.7.2 PLANNING MODULE - 3/16" = 1'-0"

0' - 0" 4' - 0" 8' - 0"



1.7.2 AXON

Room Data

Department / Type:	Lab Kitchen/Glasswash
Notes:	1 per Floor
Program Qty:	4
Program NSF:	484 NSF
Program ASF:	1936 ASF

Architectural:

Ceiling Height:	9' Min.
Ceiling:	ACT or FRP
Floors:	Rubber Flooring/Slip-Resistant
Wall Finish:	Epoxy or FRP
Wall Base:	Integral Cove
Shielding Criteria:	No
Fire Separation:	Per Current Adopted Code
Natural Light:	None required

Lab Standards

Bench Height	Standing
Accessible Workstation:	N/A
Chemical Storage:	Flammable Cabinet
Coat Hook:	No
Marker Board:	TBD

EQ Design Considerations

Vibration Sensitive Equipment:	No
Vibration Producing Equipment:	Yes
Heat Sensitive Equipment:	No
Heat Producing Equipment:	Yes
Light Sensitive Equipment:	No
Noise Producing Equipment:	Yes
Vibration Criteria:	min. 4000 mips

Fire Protection/Safety/Security

Fire Suppression System:	Sprinkler
Gas Leak Detection:	TBD
Video Camera:	No
Request to Exit Button:	No
Intercom/Public Address:	Yes

Plumbing:

Water:	Hot & Cold, Pre-wash faucet at scullery sink
Pure Water:	Central RO, Local DI Polisher as needed
Eyewash:	Drench Hose at each sink
Combo Eyewash/Shower:	per ANSI Z358.1
Eyewash/Shower Drain:	Per UIC Standards
Steam:	Yes
Specialty Gasses:	TBD

Electrical:

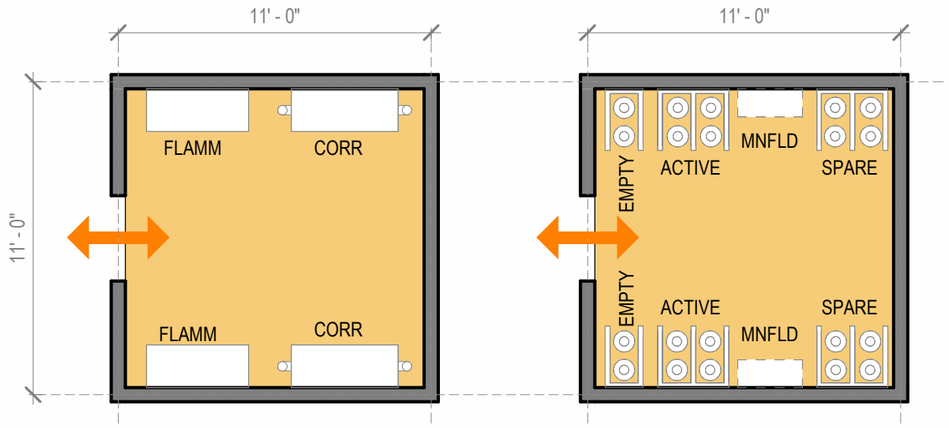
120V Normal Power:	Yes
208V Normal Power:	Yes
Data:	Yes
UPS Receptacles:	No
Lighting Level:	60 - 80 FC
Task Lighting	No
Emergency Shut-Off:	Locate electrical panel near lab door
Light Control:	Occupancy Sensor
In-Use Light:	No
TV/Monitor/MATV:	No

Mechanical:

Temperature	72d F
Temperature Control:	(+/-) 2 degrees
Humidity:	65% RH or less
Pressurization:	Negative
Air Changes:	6 to 8
Laminar Flow:	No
High/Low Ventilation:	No
Heat Load:	High
Fume Hood:	No
Bio-Safety Cabinet:	No
Canopy Hood:	Yes
Point Exhaust:	TBD

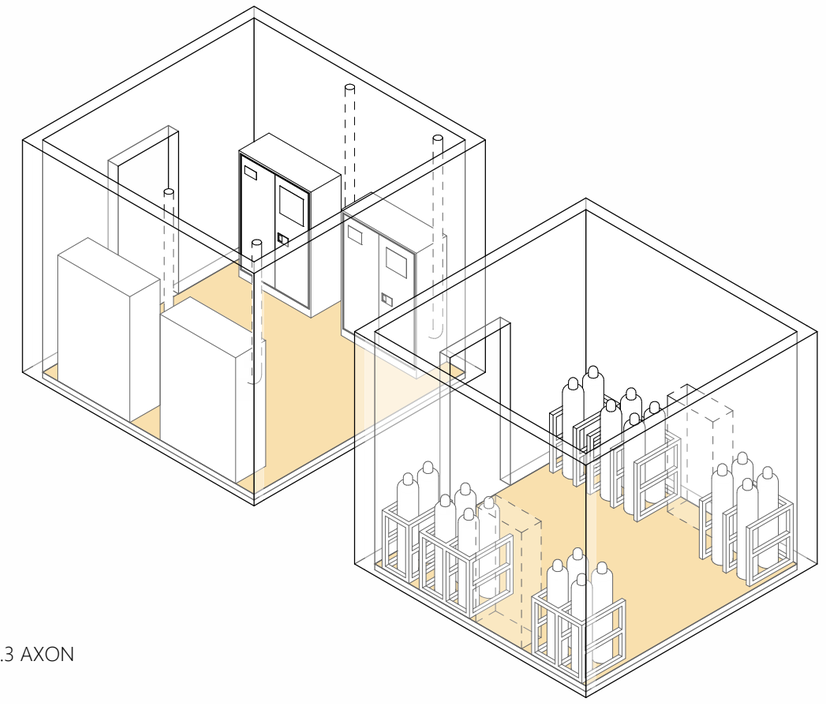
1.7.3 CHEMISTRY STORAGE

DIFFERENT OPTIONS FOR CONFIGURATION
- FINAL CONFIGURATION, FF&E TO BE DETERMINED BY THE DESIGN BUILD TEAM BASED ON CONTROL ZONES AND CHEMICAL QUANTITIES



1.7.3 PLANNING MODULE 3/16" = 1'-0"





1.7.3 AXON

Room Data

Department / Type:	Chemical Storage
Notes:	1 Per Floor
Program Qty:	4
Program NSF:	121 NSF
Program ASF:	484 SF

Architectural:

Ceiling Height:	8'-6"min.
Ceiling:	ACT
Floors:	Epoxy
Wall Finish:	Epoxy
Wall Base:	Integral Epoxy Cove
Shielding Criteria:	No
Fire Separation:	Per Current Adopted Code
Natural Light:	No

Lab Standards

Bench Height	None
Accessible Workstation:	None
Chemical Storage:	Cylinder racks & Gas Cabinets
Coat Hook:	No
Marker Board:	No

EQ Design Considerations

Vibration Sensitive Equipment:	No
Vibration Producing Equipment:	No
Heat Sensitive Equipment:	No
Heat Producing Equipment:	No
Light Sensitive Equipment:	No
Noise Producing Equipment:	No

Fire Protection/Safety/Security

Fire Suppression System:	H3 room design criteria
Gas Leak Detection:	Yes
Video Camera:	No
Request to Exit Button:	No
Intercom/Public Address:	Yes

Plumbing:

Water:	No
Pure Water:	No
Eyewash:	No
Combo Eyewash/Shower:	per ANSI Z358.1
Eyewash/Shower Drain:	Per UIC Standards
Steam:	No

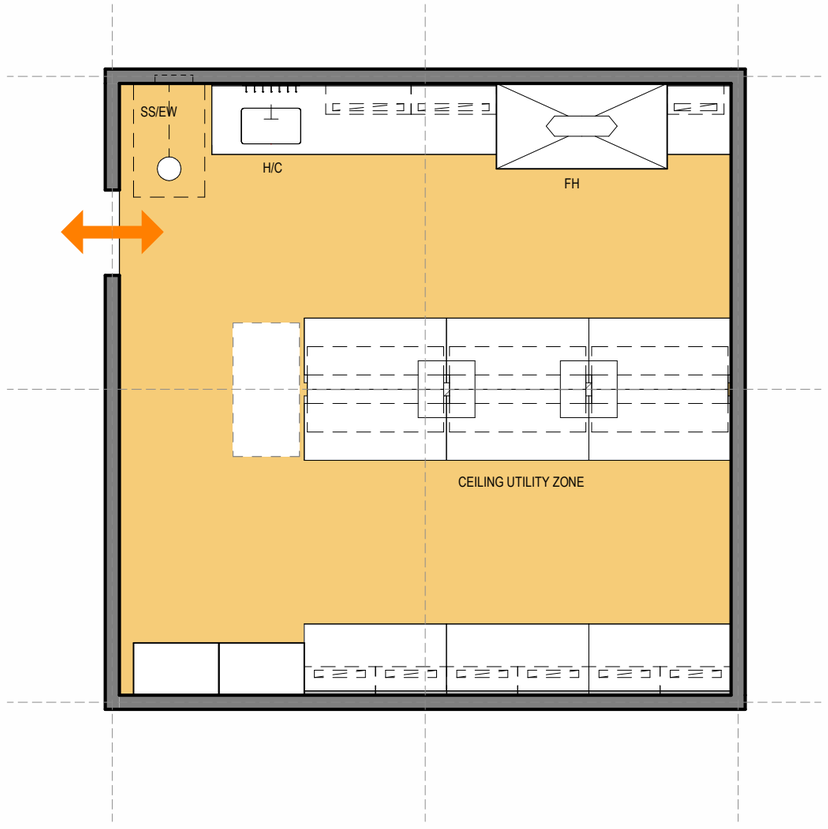
Electrical:

120V Normal Power:	Manifold System + Convenience
208V Normal Power:	No
Data:	Yes
UPS Receptacles:	No
Lighting Level:	40 - 60 FC
Task Lighting	No
Emergency Shut-Off:	Yes
Light Control:	No
In-Use Light:	No
TV/Monitor/MATV:	No

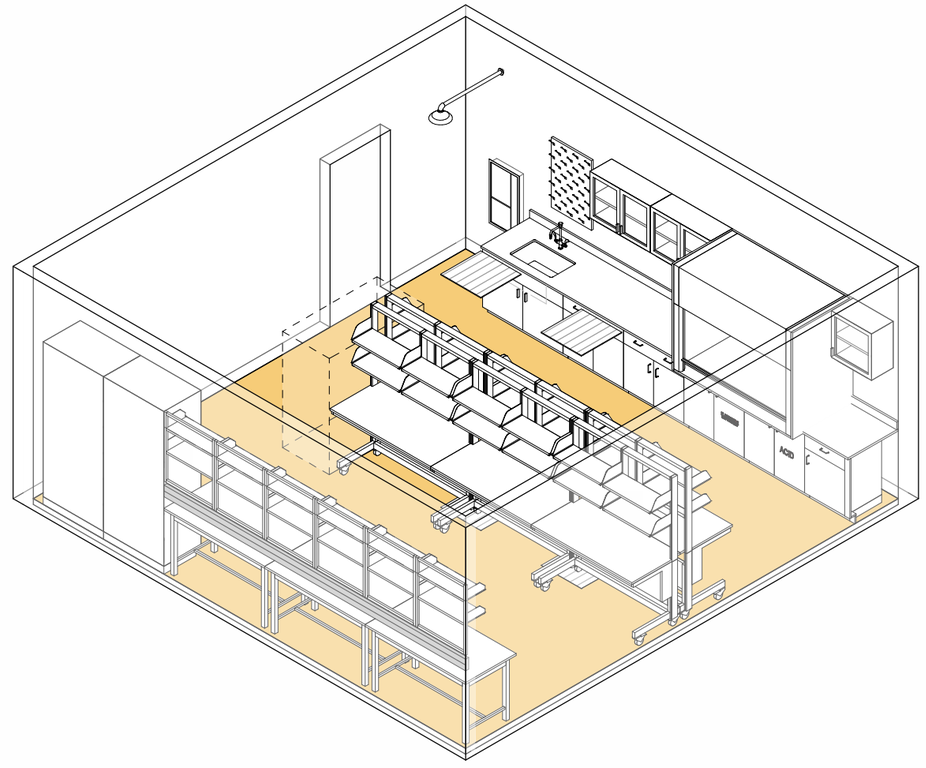
Mechanical:

Temperature	72d
Temperature Control:	(+/-) 2 d
Humidity:	65% RH or less
Pressurization:	Negative
Air Changes:	6
Laminar Flow:	No
High/Low Ventilation:	No
Heat Load:	Low
Fume Hood:	No
Bio-Safety Cabinet:	No
Canopy Hood:	No
Point Exhaust:	No

1.7.4 INSTRUMENTATION SPACE (22' X 22')



1.7.4 PLANNING MODULE 3/16" = 1'-0"



1.7.4 AXON

Room Data

Department / Type:	Instrumentation Space 22'x22'
Notes:	2 Per Floor
Program Qty:	8
Program NSF:	484 NSF
Program ASF:	3872 ASF

Architectural:

Ceiling Height:	9' Min.
Ceiling:	ACT
Floors:	Rubber Flooring
Wall Finish:	Epoxy Paint
Wall Base:	Cove
Shielding Criteria:	No
Fire Separation:	Per Current Adopted Code
Natural Light:	Blackout Shades

Lab Standards

Bench Height	30" Sitting, 34"-36" Standing
Accessible Workstation:	Provide Adjustable Bench per lab
Chemical Storage:	Cylinder Closet
Coat Hook:	Near Lab Entry
Marker Board:	Yes

EQ Design Considerations

Vibration Sensitive Equipment:	Yes
Vibration Producing Equipment:	Yes
Heat Sensitive Equipment:	TBD
Heat Producing Equipment:	Yes
Light Sensitive Equipment:	TBD
Noise Producing Equipment:	Yes
Vibration Criteria:	VC-A or better

Fire Protection/Safety/Security

Fire Suppression System:	Sprinkler
Gas Leak Detection:	O2 Sensor
Video Camera:	No
Request to Exit Button:	No
Intercom/Public Address:	Yes

Plumbing:

Water:	Hot & Cold
Pure Water:	Central RO, Local DI Polisher as needed
Eyewash:	Drench Hose at each sink
Combo Eyewash/Shower:	per ANSI Z358.1
Eyewash/Shower Drain:	Per UIC Standards
Steam:	No
Specialty Gasses:	Yes, TBD type

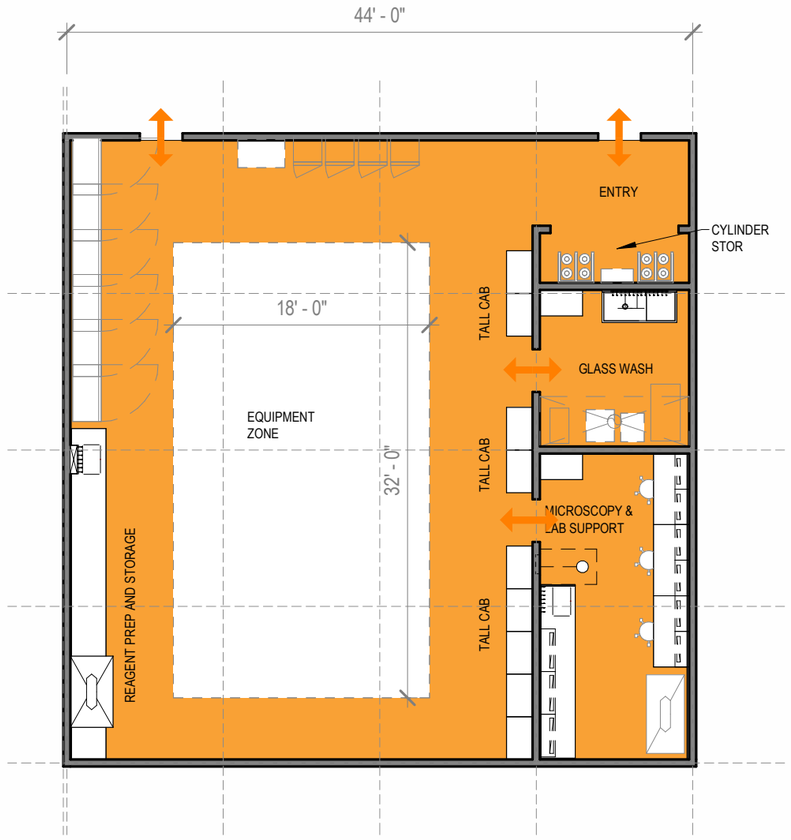
Electrical:

120V Normal Power:	Yes
208V Normal Power:	Yes
Data:	Yes
UPS Receptacles:	Yes
Lighting Level:	60 - 80 FC
Task Lighting	Under Shelves
Emergency Shut-Off:	Locate electrical panel near lab door
Light Control:	Occupancy Sensor & Dimmer
In-Use Light:	TBD
TV/Monitor/MATV:	TBD

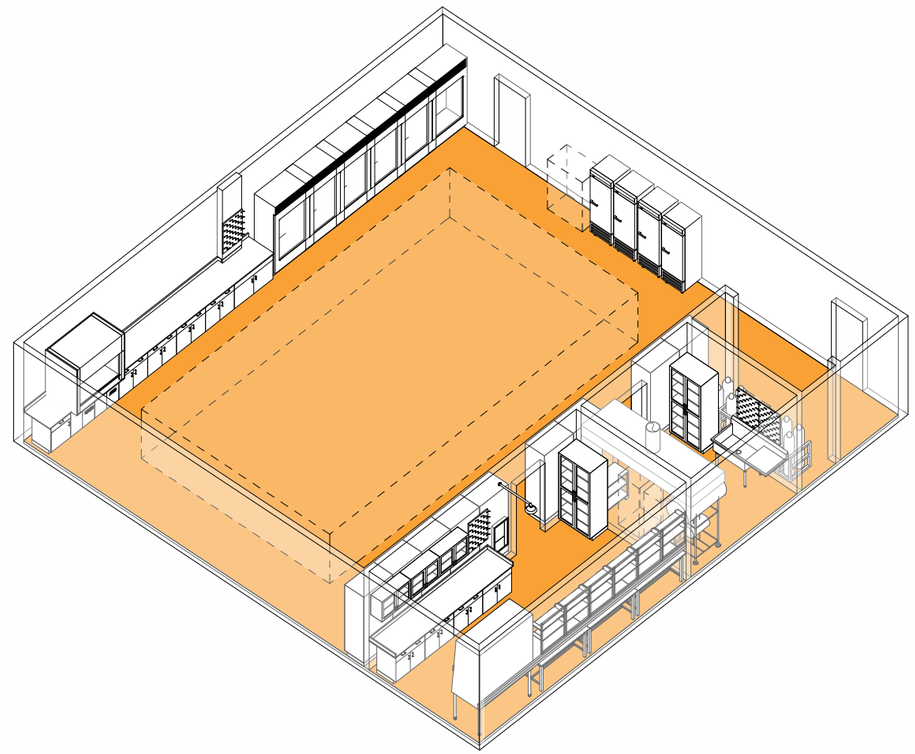
Mechanical:

Temperature	72d F
Temperature Control:	(+/-) 2 degrees
Humidity:	65% RH or less
Pressurization:	Negative
Air Changes:	6 to 8
Laminar Flow:	No
High/Low Ventilation:	No
Heat Load:	Medium - High
Fume Hood:	No
Bio-Safety Cabinet:	No
Canopy Hood:	No

2.1 HIGH THROUGHPUT SCREENING / INSTRUMENTATION LAB & SUPPORT



2.1 ORGANIZATIONAL CONCEPT - 3/32" = 1'-0"



2.1 AXON

Room Data

Department / Type:	High Throughput Screening
Notes:	MS, HPLC/LCMS
Program Qty:	1
Program NSF:	1900 NSF
Program ASF:	1900 ASF

Architectural:

Ceiling Height:	9' Min.
Ceiling:	ACT
Floors:	Rubber Flooring
Wall Finish:	Epoxy Paint
Wall Base:	Cove
Shielding Criteria:	No
Fire Separation:	Per Current Adopted Code
Natural Light:	Blackout Shades

Lab Standards

Bench Height	30" Sitting, 34"-36" Standing
Accessible Workstation:	Provide Adjustable Bench per lab
Chemical Storage:	Cylinder Closet
Coat Hook:	Near Lab Entry
Marker Board:	Yes

EQ Design Considerations

Vibration Sensitive Equipment:	Yes
Vibration Producing Equipment:	Yes
Heat Sensitive Equipment:	TBD
Heat Producing Equipment:	Yes
Light Sensitive Equipment:	TBD
Noise Producing Equipment:	Yes
Vibration Criteria:	VC-A or better

Fire Protection/Safety/Security

Fire Suppression System:	Sprinkler
Gas Leak Detection:	O2 Sensor
Video Camera:	No
Request to Exit Button:	No
Intercom/Public Address:	Yes

Plumbing:

Water:	Hot & Cold
Pure Water:	Central RO, Local DI Polisher as needed
Eyewash:	Drench Hose at each sink
Combo Eyewash/Shower:	per ANSI Z358.1
Eyewash/Shower Drain:	Per UIC Standards
Steam:	No
Specialty Gasses:	Yes, TBD type

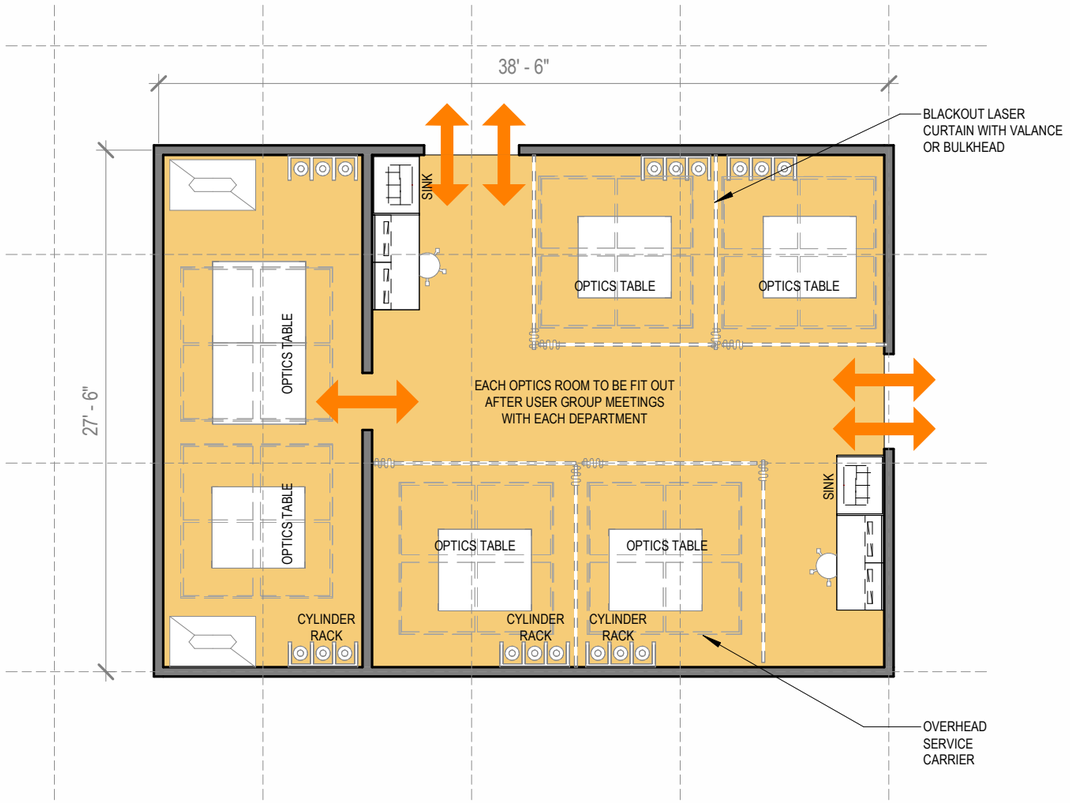
Electrical:

120V Normal Power:	Yes
208V Normal Power:	Yes
Data:	Yes
UPS Receptacles:	Yes
Lighting Level:	60 - 80 FC
Task Lighting	Under Shelves
Emergency Shut-Off:	Locate electrical panel near lab door
Light Control:	Occupancy Sensor & Dimmer
In-Use Light:	TBD
TV/Monitor/MATV:	TBD

Mechanical:

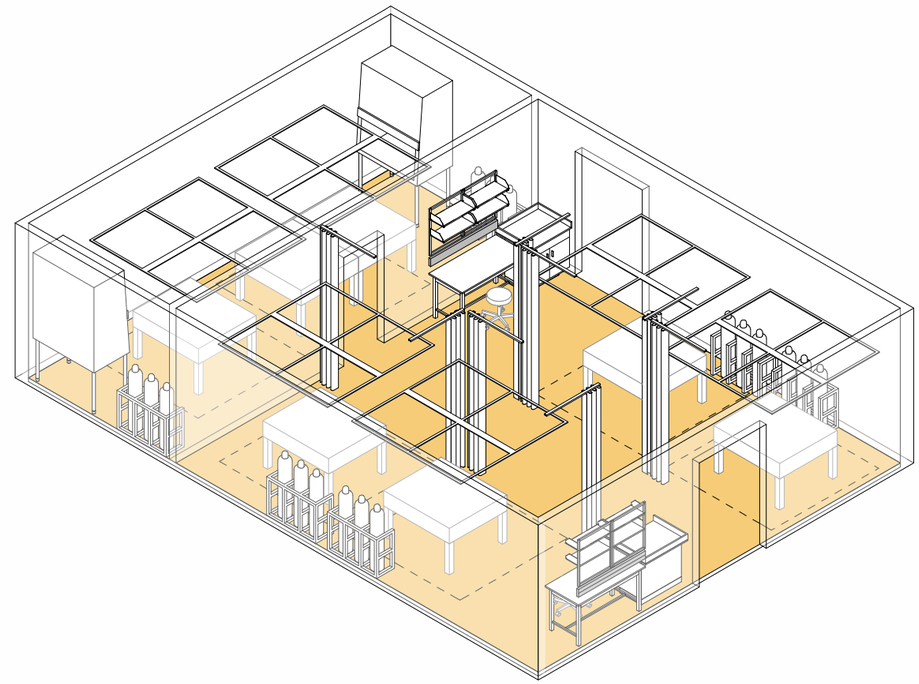
Temperature	72d F
Temperature Control:	(+/-) 2 degrees
Humidity:	65% RH or less
Pressurization:	Negative
Air Changes:	6 to 8
Laminar Flow:	No
High/Low Ventilation:	No
Heat Load:	Medium - High
Fume Hood:	TBD
Bio-Safety Cabinet:	Class II, A2
Canopy Hood:	TBD

2.2 ADVANCED IMAGING / MICROSCOPY SUITE



2.2 ORGANIZATIONAL CONCEPT 1/8" = 1'-0"

0' - 0" 8' - 0" 16' - 0"



2.2 AXON

Room Data

Department / Type:	Advanced Imaging/Microscopy Suite
Notes:	Optics Tables
Program Qty:	1
Program NSF:	1026 NSF
Program ASF:	1026 ASF

Architectural:

Ceiling Height:	9' Min.
Ceiling:	ACT
Floors:	Rubber Flooring
Wall Finish:	Epoxy Paint
Wall Base:	Cove
Shielding Criteria:	No
Fire Separation:	Per Current Adopted Code
Natural Light:	Blackout Shades

Lab Standards

Bench Height	30" Sitting, 34"-36" Standing
Accessible Workstation:	Provide Adjustable Bench per lab
Chemical Storage:	Cylinder Closet
Coat Hook:	Near Lab Entry
Marker Board:	Yes

EQ Design Considerations

Vibration Sensitive Equipment:	Yes
Vibration Producing Equipment:	Yes
Heat Sensitive Equipment:	TBD
Heat Producing Equipment:	Yes
Light Sensitive Equipment:	TBD
Noise Producing Equipment:	Yes
Vibration Criteria:	VC-D or better

Fire Protection/Safety/Security

Fire Suppression System:	Sprinkler
Gas Leak Detection:	O2 Sensor
Video Camera:	Yes to TV in Lobby/Hallway/Conference room
Request to Exit Button:	No
Intercom/Public Address:	Yes

Plumbing:

Water:	Hot & Cold
Pure Water:	Central RO, Local DI Polisher as needed
Eyewash:	Drench Hose at each sink
Combo Eyewash/Shower:	per ANSI Z358.1
Eyewash/Shower Drain:	Per UIC Standards
Steam:	No
Specialty Gasses:	Yes, TBD type

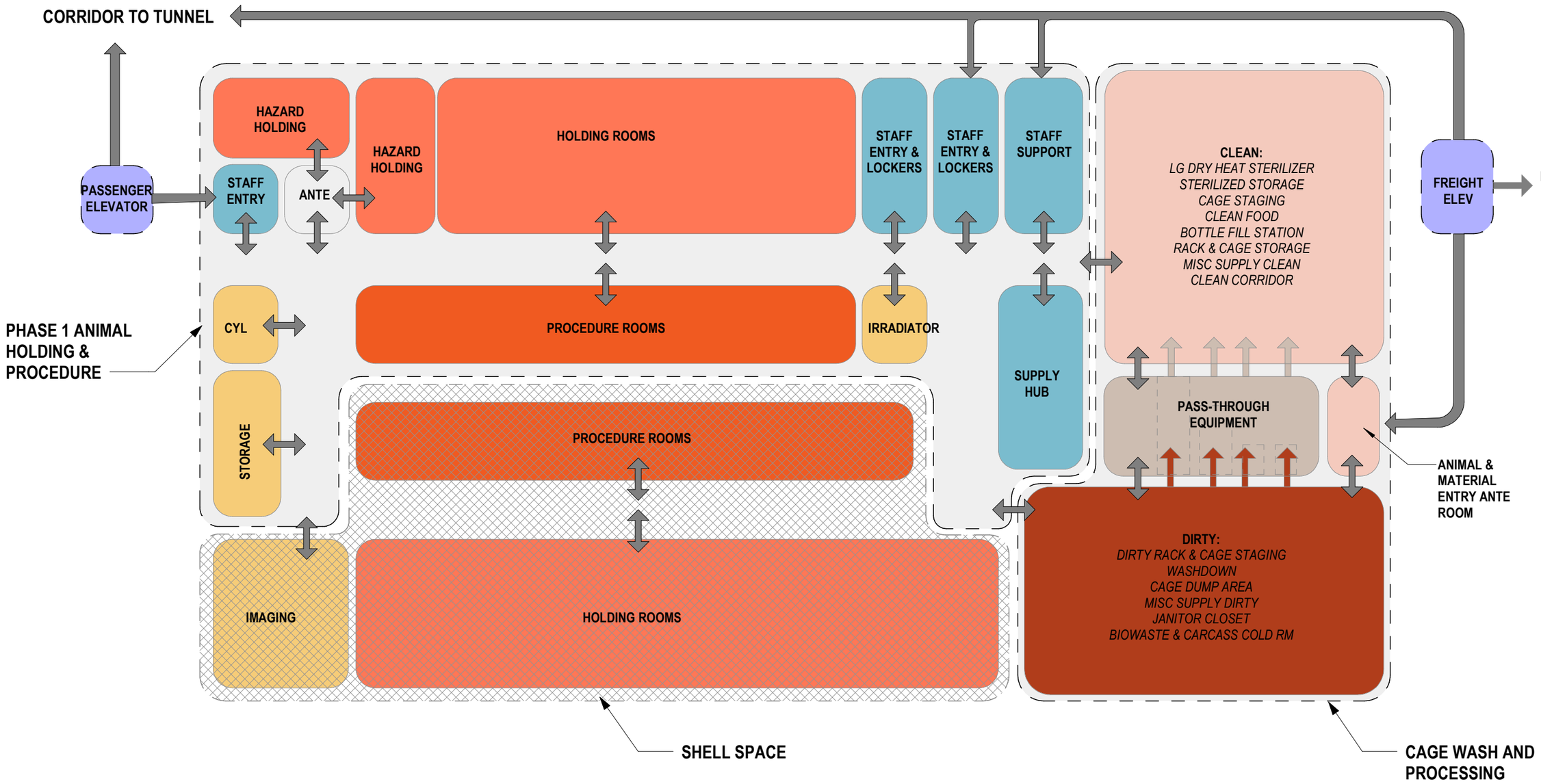
Electrical:

120V Normal Power:	Yes
208V Normal Power:	Yes
Data:	Yes
UPS Receptacles:	Yes
Lighting Level:	60 - 80 FC
Task Lighting	Under Shelves
Emergency Shut-Off:	Locate electrical panel near lab door
Light Control:	Dimmer
In-Use Light:	TBD
TV/Monitor/MATV:	TBD

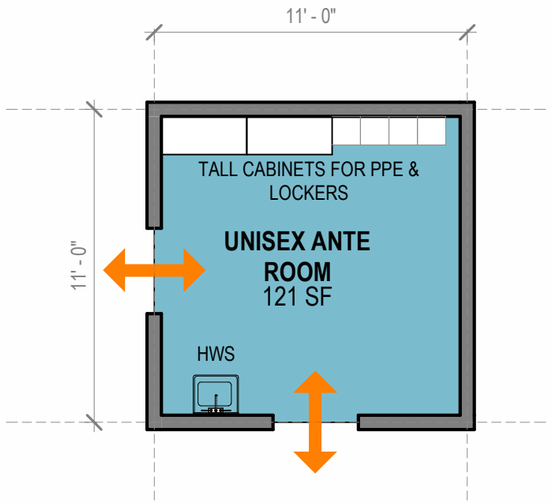
Mechanical:

Temperature	72d F
Temperature Control:	(+/-) 2 degrees
Humidity:	65% RH or less
Pressurization:	Negative
Air Changes:	6 to 8
Laminar Flow:	Yes
High/Low Ventilation:	Yes
Heat Load:	Medium - High
Fume Hood:	No
Bio-Safety Cabinet:	Class II, A2
Canopy Hood:	No

2.3 BRL/VIVARIUM

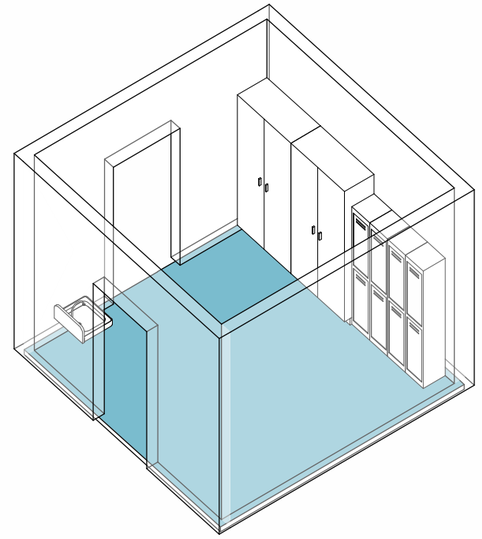


2.3.1.3 UNISEX ANTE ROOM



2.3.1.3 PLANNING MODULE 3/16" = 1'-0"

0' - 0" 4' - 0" 8' - 0"



2.3.1.3 AXON

Room Data

Department / Type:	Unisex Ante Room
Notes:	Use during construction
Program Qty:	1
Program NSF:	121 NFS
Program ASF:	121 ASF

Architectural:

Ceiling Height:	9' Min.
Ceiling:	ACT
Floors:	Epoxy Flooring
Wall Finish:	Epoxy Paint
Wall Base:	Cove
Shielding Criteria:	No
Fire Separation:	Per Current Adopted Code
Natural Light:	No

Lab Standards

Bench Height	No
Accessible Workstation:	No
Chemical Storage:	No
Coat Hook:	Yes
Marker Board:	No

EQ Design Considerations

Vibration Sensitive Equipment:	No
Vibration Producing Equipment:	No
Heat Sensitive Equipment:	No
Heat Producing Equipment:	No
Light Sensitive Equipment:	No
Noise Producing Equipment:	No
Vibration Criteria:	VC-A or better

Fire Protection/Safety/Security

Fire Suppression System:	See BRL Narrative for specifics
Gas Leak Detection:	TBD
Video Camera:	TBD
Request to Exit Button:	No
Intercom/Public Address:	Yes

Plumbing:

Water:	Hot & Cold
Pure Water:	No
Eyewash:	No
Combo Eyewash/Shower:	per ANSI Z358.1
Eyewash/Shower Drain:	Per UIC Standards
Steam:	No
Specialty Gasses:	No

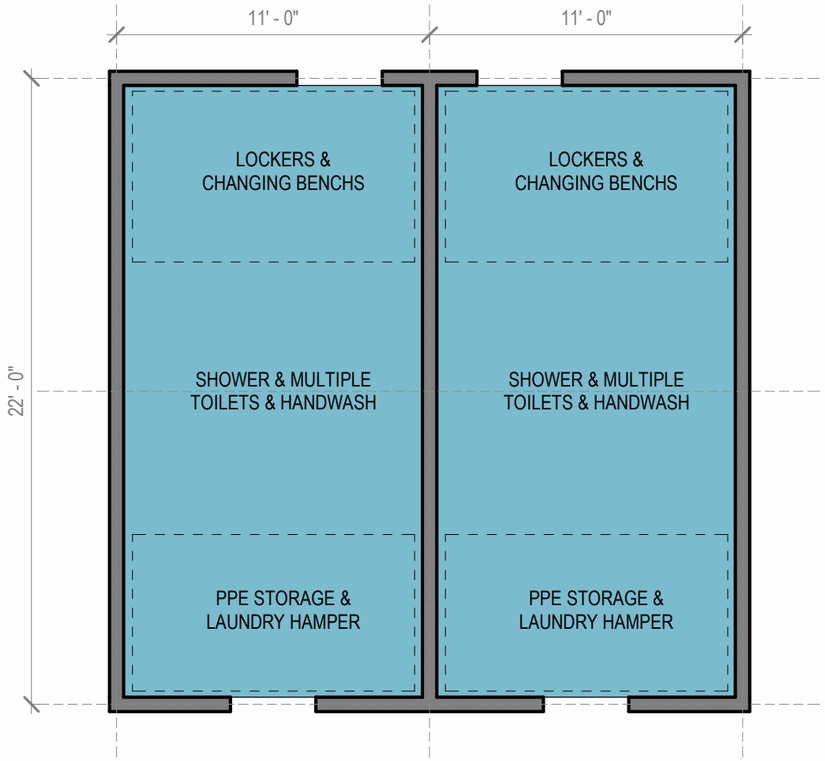
Electrical:

120V Normal Power:	Yes
208V Normal Power:	No
Data:	TBD
UPS Receptacles:	No
Lighting Level:	40-60FC
Task Lighting	No
Emergency Shut-Off:	No
Light Control:	Standard
In-Use Light:	No
TV/Monitor/MATV:	No

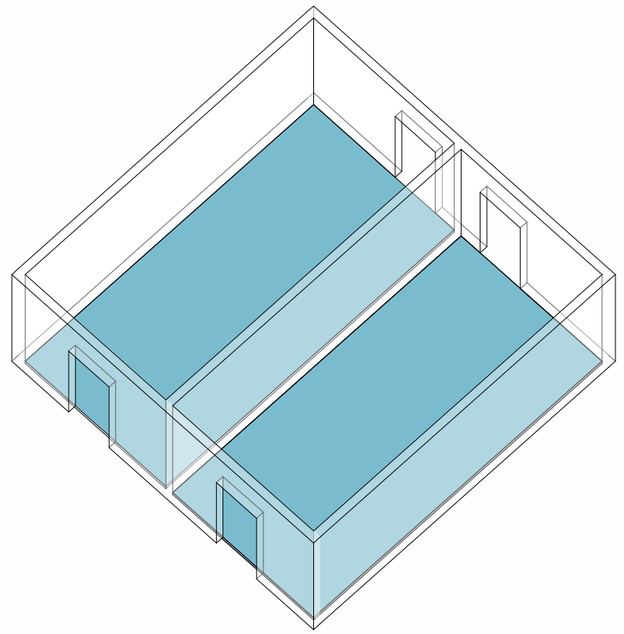
Mechanical:

Temperature	72d F
Temperature Control:	(+/-) 2 degrees
Humidity:	65% RH or less
Pressurization:	Negative
Air Changes:	6
Laminar Flow:	No
High/Low Ventilation:	No
Heat Load:	Low
Fume Hood:	No
Bio-Safety Cabinet:	No
Canopy Hood:	No

2.3.1.4 MALE/FEMALE INDIVIDUAL ANTE ROOM



2.3.1.4 ORAGNIZATIONAL CONCEPT 3/16" = 1'-0"



2.3.1.4 - AXON

Room Data

Department / Type:	(1) Male (1) Female Ante Room
Notes:	Don Doff w/storage
Program Qty:	2
Program NSF:	242 NSF
Program ASF:	242 ASF

Architectural:

Ceiling Height:	9' Min.
Ceiling:	ACT
Floors:	Epoxy Flooring
Wall Finish:	Epoxy Paint
Wall Base:	Cove
Shielding Criteria:	No
Fire Separation:	Per Current Adopted Code
Natural Light:	No

Lab Standards

Bench Height	No
Accessible Workstation:	No
Chemical Storage:	No
Coat Hook:	Yes
Marker Board:	No

EQ Design Considerations

Vibration Sensitive Equipment:	No
Vibration Producing Equipment:	No
Heat Sensitive Equipment:	No
Heat Producing Equipment:	No
Light Sensitive Equipment:	No
Noise Producing Equipment:	No
Vibration Criteria:	VC-A or better

Fire Protection/Safety/Security

Fire Suppression System:	See BRL Narrative for specifics
Gas Leak Detection:	TBD
Video Camera:	TBD
Request to Exit Button:	No
Intercom/Public Address:	Yes

Plumbing:

Water:	Hot & Cold
Pure Water:	No
Eyewash:	No
Combo Eyewash/Shower:	per ANSI Z358.1
Eyewash/Shower Drain:	Per UIC Standards
Steam:	No
Specialty Gasses:	No

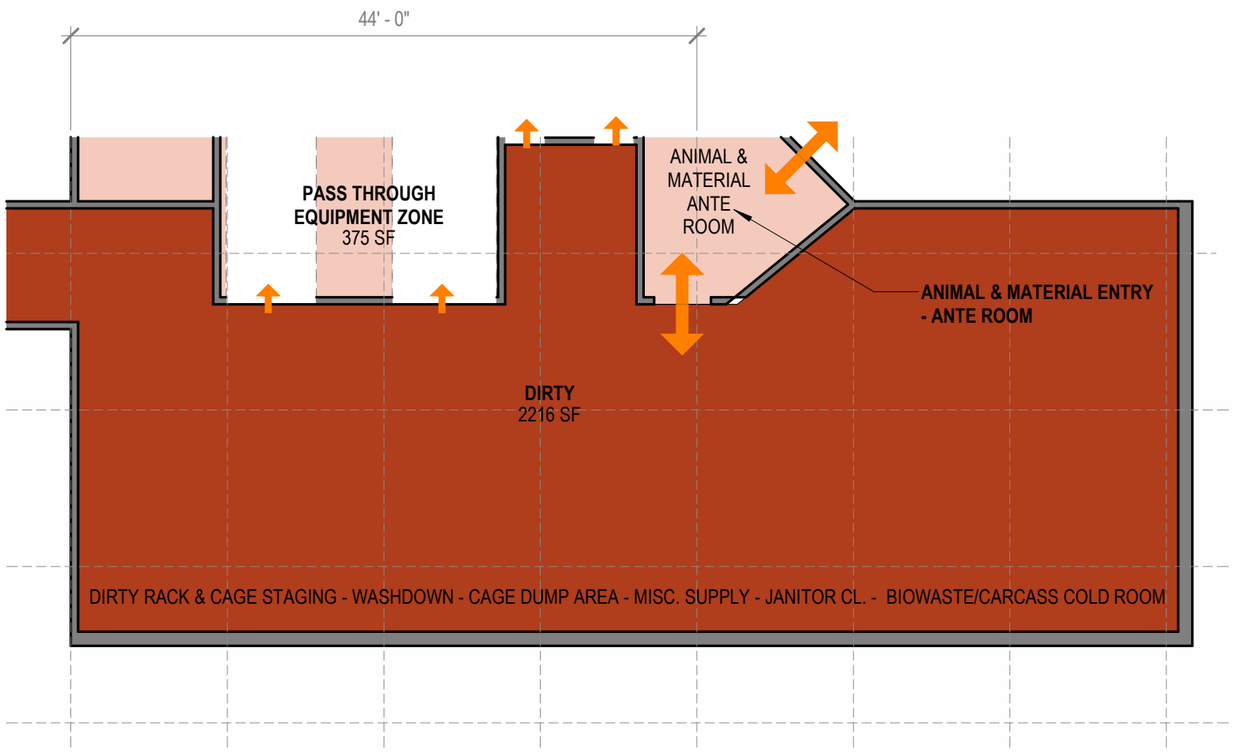
Electrical:

120V Normal Power:	Yes
208V Normal Power:	No
Data:	TBD
UPS Receptacles:	No
Lighting Level:	40-60FC
Task Lighting	No
Emergency Shut-Off:	No
Light Control:	Standard
In-Use Light:	No
TV/Monitor/MATV:	No

Mechanical:

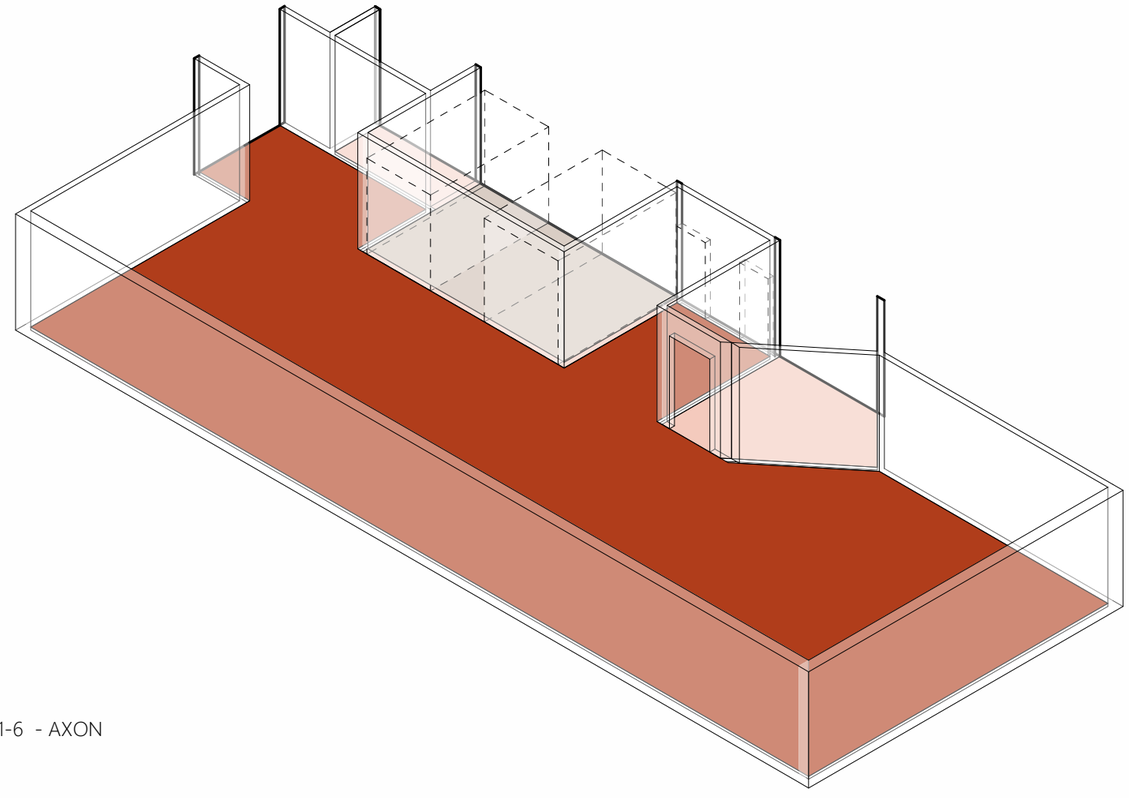
Temperature	72d F
Temperature Control:	(+/-) 2 degrees
Humidity:	65% RH or less
Pressurization:	Negative
Air Changes:	6
Laminar Flow:	No
High/Low Ventilation:	No
Heat Load:	Low
Fume Hood:	No
Bio-Safety Cabinet:	No
Canopy Hood:	No

2.3.2.1-6 DIRTY



2.3.2.1-6 PROGRAM AREA 3/32" = 1'-0"

0' - 0" 8' - 0" 16' - 0"



2.3.2.1-6 - AXON

Room Data

Department / Type:	Dirty Area
Notes:	
Program Qty:	1
Program NSF:	1,058 NSF
Program ASF:	1,058 NSF

Architectural:

Ceiling Height:	9' Min.
Ceiling:	ACT or FRP
Floors:	Rubber Flooring/Slip-Resistant
Wall Finish:	Epoxy or FRP
Wall Base:	Integral Cove
Shielding Criteria:	No
Fire Separation:	Per Current Adopted Code
Natural Light:	None required

Lab Standards

Bench Height	Standing
Accessible Workstation:	N/A
Chemical Storage:	Flammable Cabinet
Coat Hook:	No
Marker Board:	TBD

EQ Design Considerations

Vibration Sensitive Equipment:	No
Vibration Producing Equipment:	Yes
Heat Sensitive Equipment:	No
Heat Producing Equipment:	Yes
Light Sensitive Equipment:	No
Noise Producing Equipment:	Yes
Vibration Criteria:	min. 4000 mips

Fire Protection/Safety/Security

Fire Suppression System:	Sprinkler
Gas Leak Detection:	TBD
Video Camera:	No
Request to Exit Button:	No
Intercom/Public Address:	Yes

Plumbing:

Water:	Hot & Cold, Pre-wash faucet at scullery sink
Pure Water:	Central RO, Local DI Polisher as needed
Eyewash:	Drench Hose at each sink
Combo Eyewash/Shower:	per ANSI Z358.1
Eyewash/Shower Drain:	Per UIC Standards
Steam:	Yes
Specialty Gasses:	TBD

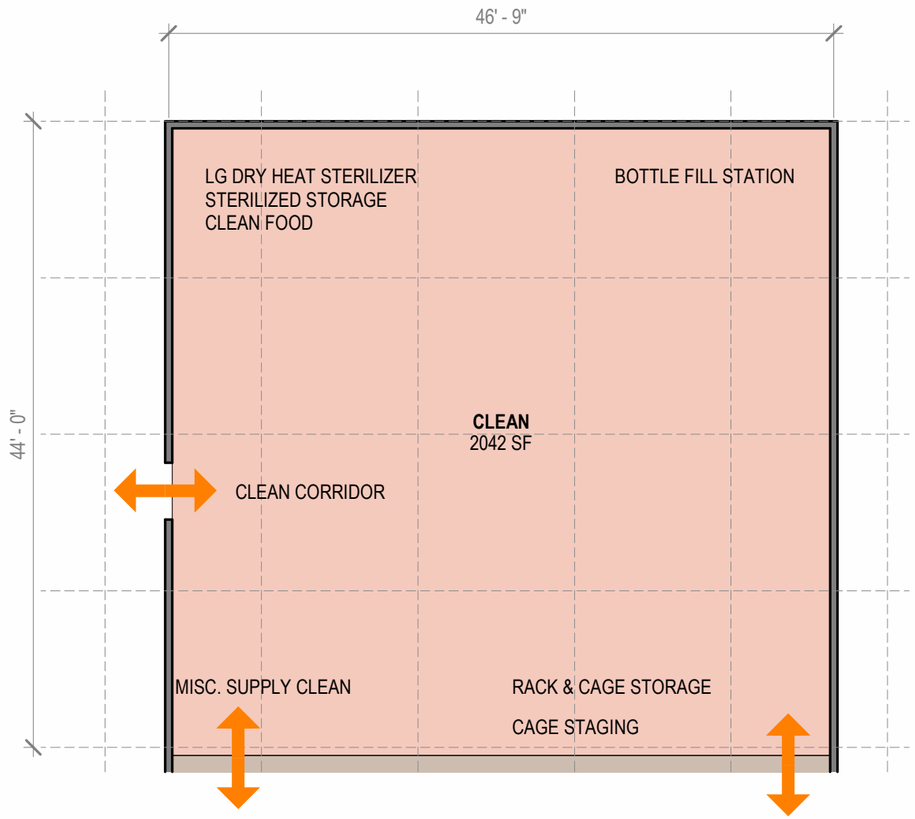
Electrical:

120V Normal Power:	Yes
208V Normal Power:	Yes
Data:	Yes
UPS Receptacles:	No
Lighting Level:	60 - 80 FC
Task Lighting	No
Emergency Shut-Off:	Locate electrical panel near lab door
Light Control:	Occupancy Sensor
In-Use Light:	No
TV/Monitor/MATV:	No

Mechanical:

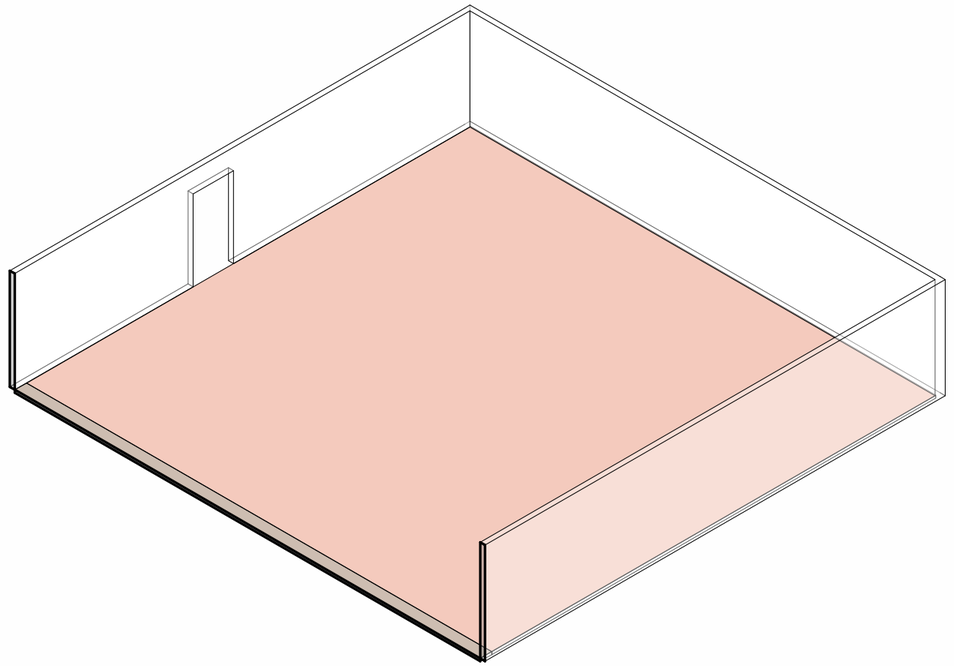
Temperature	72d F
Temperature Control:	(+/-) 2 degrees
Humidity:	65% RH or less
Pressurization:	Negative
Air Changes:	6 to 8
Laminar Flow:	No
High/Low Ventilation:	No
Heat Load:	High
Fume Hood:	No
Bio-Safety Cabinet:	No
Canopy Hood:	Yes
Point Exhaust:	TBD

2.3.2.7-15 CLEAN



2.3.2.7-15 - PROGRAM AREA 3/32" = 1'-0"

0' - 0" 8' - 0" 16' - 0"



2.3.2.7-15 - AXON

Room Data

Department / Type:	Clean Area
Notes:	
Program Qty:	1
Program NSF:	1452 NSF
Program ASF:	1452 ASF

Architectural:

Ceiling Height:	9' Min.
Ceiling:	ACT or FRP
Floors:	Rubber Flooring/Slip-Resistant
Wall Finish:	Epoxy or FRP
Wall Base:	Integral Cove
Shielding Criteria:	No
Fire Separation:	Per Current Adopted Code
Natural Light:	None required

Lab Standards

Bench Height	Standing
Accessible Workstation:	N/A
Chemical Storage:	Flammable Cabinet
Coat Hook:	No
Marker Board:	TBD

EQ Design Considerations

Vibration Sensitive Equipment:	No
Vibration Producing Equipment:	Yes
Heat Sensitive Equipment:	No
Heat Producing Equipment:	Yes
Light Sensitive Equipment:	No
Noise Producing Equipment:	Yes
Vibration Criteria:	min. 4000 mips

Fire Protection/Safety/Security

Fire Suppression System:	Sprinkler
Gas Leak Detection:	TBD
Video Camera:	No
Request to Exit Button:	No
Intercom/Public Address:	Yes

Plumbing:

Water:	Hot & Cold, Pre-wash faucet at scullery sink
Pure Water:	Central RO, Local DI Polisher as needed
Eyewash:	Drench Hose at each sink
Combo Eyewash/Shower:	per ANSI Z358.1
Eyewash/Shower Drain:	Per UIC Standards
Steam:	Yes
Specialty Gasses:	TBD

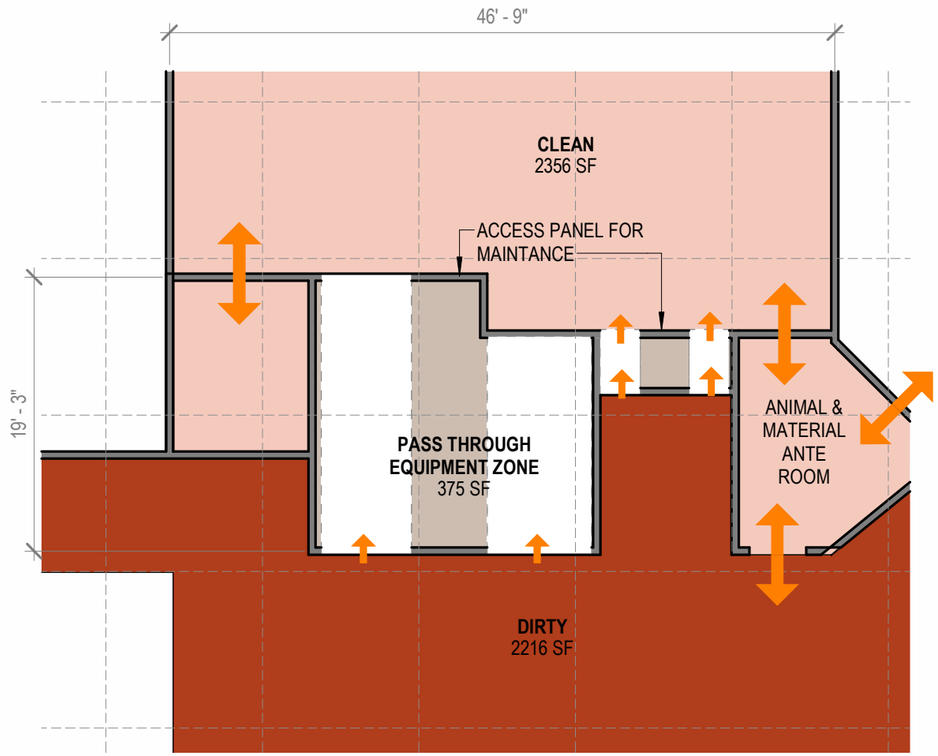
Electrical:

120V Normal Power:	Yes
208V Normal Power:	Yes
Data:	Yes
UPS Receptacles:	No
Lighting Level:	60 - 80 FC
Task Lighting	No
Emergency Shut-Off:	Locate electrical panel near lab door
Light Control:	Occupancy Sensor
In-Use Light:	No
TV/Monitor/MATV:	No

Mechanical:

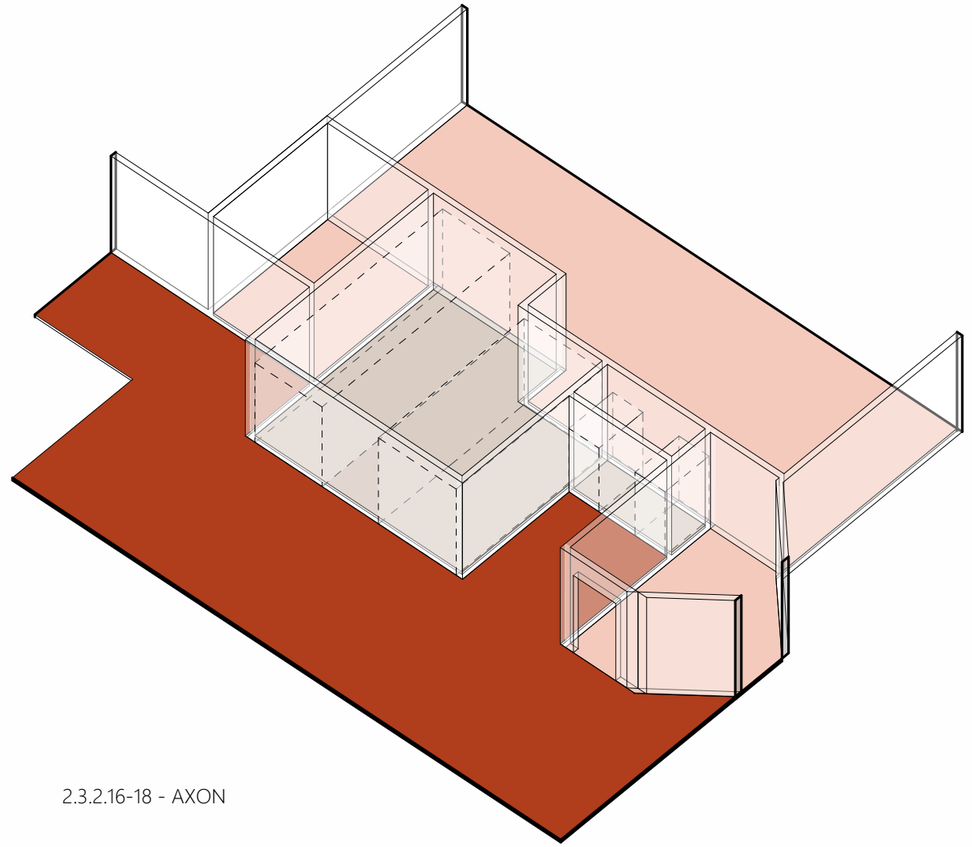
Temperature	72d F
Temperature Control:	(+/-) 2 degrees
Humidity:	65% RH or less
Pressurization:	Negative
Air Changes:	6 to 8
Laminar Flow:	No
High/Low Ventilation:	No
Heat Load:	High
Fume Hood:	No
Bio-Safety Cabinet:	No
Canopy Hood:	Yes
Point Exhaust:	TBD

2.3.2.16-18 PASS-THROUGH EQUIPMENT ZONE



2.3.2.16-18 - PASS THROUGH EQUIPMENT ZONE 3/32" = 1'-0"

0' - 0" 8' - 0" 16' - 0"



2.3.2.16-18 - AXON

Room Data

Department / Type:	Pass-Through Equipment Zone
Notes:	
Program Qty:	1
Program NSF:	1,210 NSF
Program ASF:	1,210 ASF

Architectural:

Ceiling Height:	As clear as possible
Ceiling:	No Ceiling
Floors:	Pit for EQ drainage
Wall Finish:	Epoxy or FRP
Wall Base:	Integral Cove
Shielding Criteria:	No
Fire Separation:	Per Current Adopted Code
Natural Light:	None required

Lab Standards

Bench Height	None
Accessible Workstation:	N/A
Chemical Storage:	No
Coat Hook:	No
Marker Board:	No

EQ Design Considerations

Vibration Sensitive Equipment:	No
Vibration Producing Equipment:	Yes
Heat Sensitive Equipment:	No
Heat Producing Equipment:	Yes
Light Sensitive Equipment:	No
Noise Producing Equipment:	Yes
Vibration Criteria:	min. 4000 mips

Fire Protection/Safety/Security

Fire Suppression System:	Sprinkler
Gas Leak Detection:	TBD
Video Camera:	No
Request to Exit Button:	No
Intercom/Public Address:	No

Plumbing:

Water:	Per EQ Cutsheets
Pure Water:	Per EQ Cutsheets
Eyewash:	no
Combo Eyewash/Shower:	per ANSI Z358.1
Eyewash/Shower Drain:	Per UIC Standards
Steam:	Yes
Specialty Gasses:	TBD

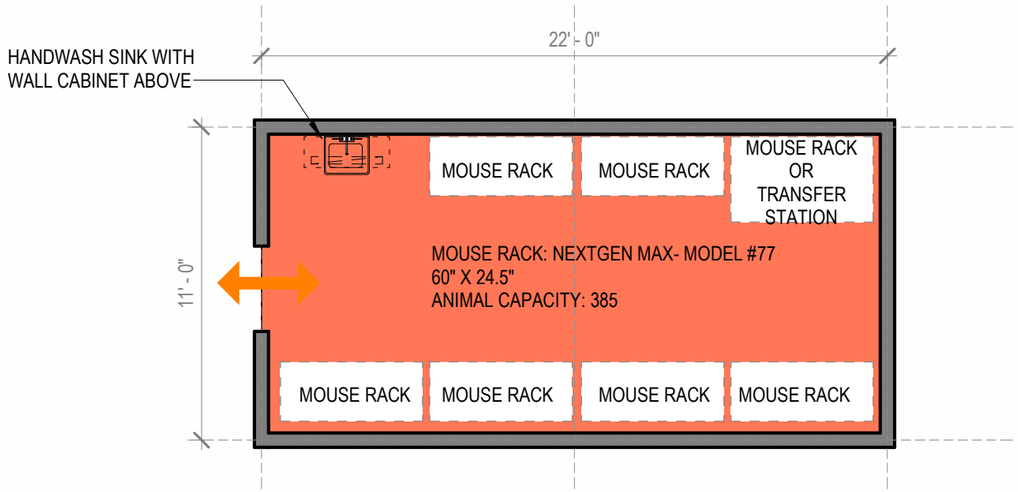
Electrical:

120V Normal Power:	Yes
208V Normal Power:	Yes
Data:	Yes
UPS Receptacles:	No
Lighting Level:	40-60 fc
Task Lighting	No
Emergency Shut-Off:	Locate electrical panel near lab door
Light Control:	No
In-Use Light:	No
TV/Monitor/MATV:	No

Mechanical:

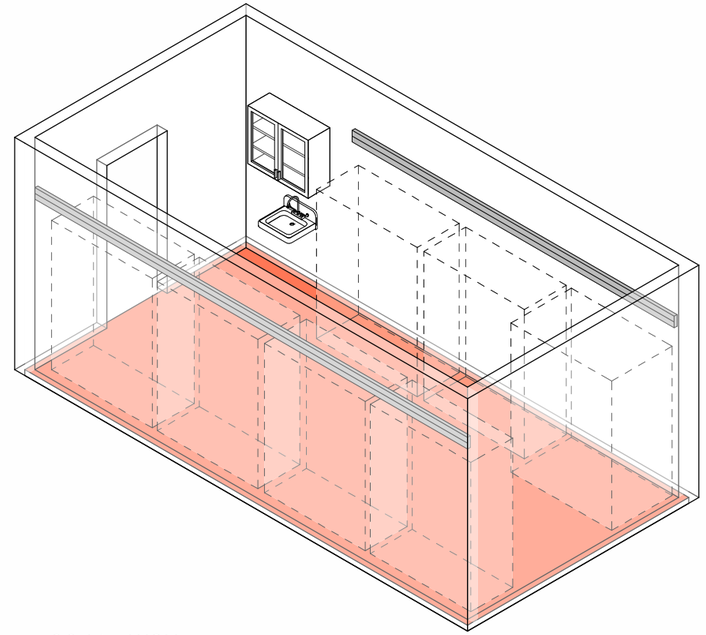
Temperature	72d F
Temperature Control:	(+/-) 2 degrees
Humidity:	65% RH or less
Pressurization:	Negative
Air Changes:	6 to 8
Laminar Flow:	No
High/Low Ventilation:	No
Heat Load:	High
Fume Hood:	No
Bio-Safety Cabinet:	No
Canopy Hood:	Yes
Point Exhaust:	No

2.3.4.1 GENERAL HOLDING ROOM



2.3.4.1 PLANNING MODULE 3/16" = 1'-0"

0' - 0" 4' - 0" 8' - 0"



2.3.4.1 - AXON

Room Data

Department / Type:	Animal Holding - General
Notes:	Animal Capacity: 2,450
Program Qty:	8
Program NSF:	242 NSF
Program ASF:	1946 ASF

Architectural:

Ceiling Height:	9' Min.
Ceiling:	ACT
Floors:	Rubber Flooring
Wall Finish:	Epoxy Paint
Wall Base:	Cove
Shielding Criteria:	No
Fire Separation:	Per Current Adopted Code
Natural Light:	Blackout Shades

Lab Standards

Bench Height	34"-36" Standing
Accessible Workstation:	No
Chemical Storage:	No
Coat Hook:	Locker Room
Marker Board:	TBD

EQ Design Considerations

Vibration Sensitive Equipment:	Yes
Vibration Producing Equipment:	No
Heat Sensitive Equipment:	Yes
Heat Producing Equipment:	Yes
Light Sensitive Equipment:	Yes
Noise Producing Equipment:	Yes
Vibration Criteria:	VC-A or better

Fire Protection/Safety/Security

Fire Suppression System:	See BRL Narrative for specifics
Gas Leak Detection:	TBD
Video Camera:	TBD
Request to Exit Button:	No
Intercom/Public Address:	No - Corridor and Staff spaces only

Plumbing:

Water:	Hot & Cold
Pure Water:	No
Eyewash:	Drench Hose at each sink
Combo Eyewash/Shower:	per ANSI Z358.1
Eyewash/Shower Drain:	Per UIC Standards
Steam:	No
Specialty Gasses:	No

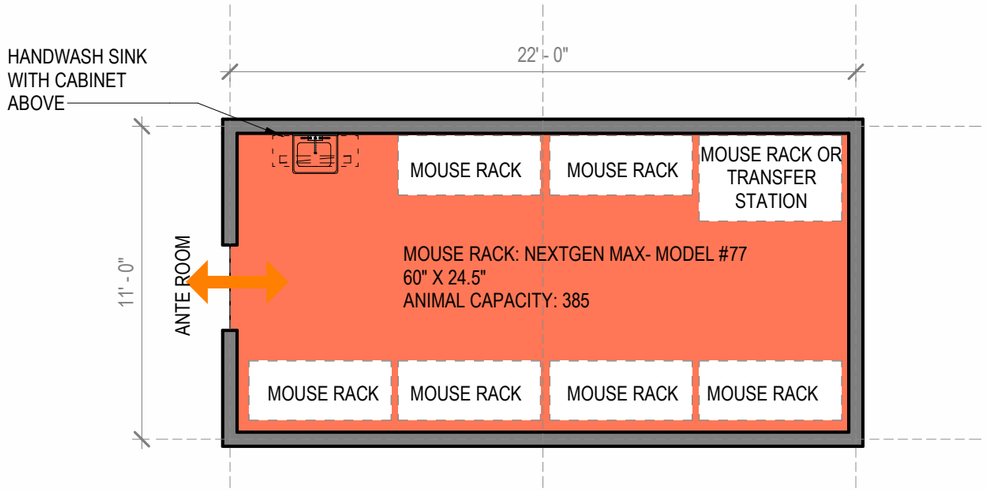
Electrical:

120V Normal Power:	Yes
208V Normal Power:	No
Data:	Yes
UPS Receptacles:	Yes
Lighting Level:	Amber Light, 40-60FC fluorescent light, dual light
Task Lighting	No
Emergency Shut-Off:	Locate electrical panel near lab door
Light Control:	Dimmer & consider circadian rhythm
In-Use Light:	No
TV/Monitor/MATV:	No

Mechanical:

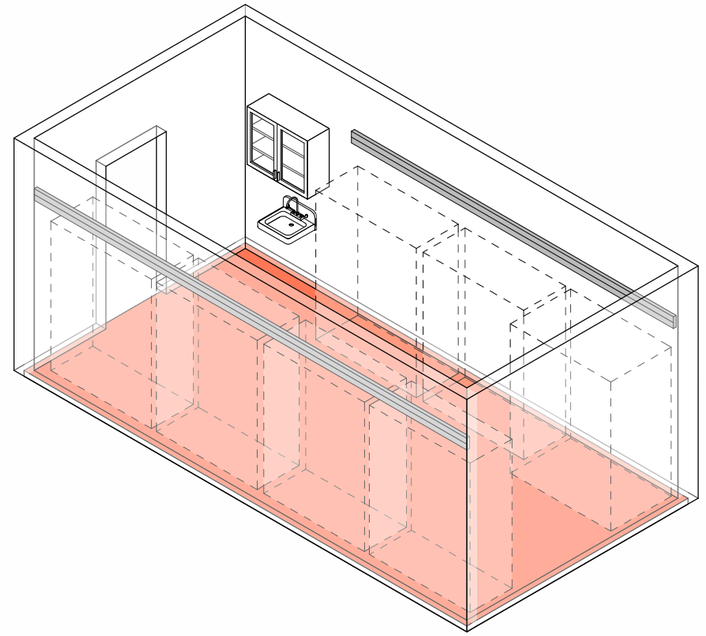
Temperature	72d F
Temperature Control:	(+/-) 2 degrees
Humidity:	30% All Year
Pressurization:	Negative
Air Changes:	12
Laminar Flow:	No
High/Low Ventilation:	No
Heat Load:	Medium
Fume Hood:	No
Bio-Safety Cabinet:	No
Canopy Hood:	No

2.3.4.2 HAZARDOUS HOLDING ROOM



2.3.4.2 PLANNING MODULE 3/16" = 1'-0"





2.3.4.2 AXON

Room Data

Department / Type:	Animal Holding - Hazardous/BSL2
Notes:	BSL2 plus Ante Room
Program Qty:	2
Program NSF:	242 NSF
Program ASF:	484 ASF

Architectural:

Ceiling Height:	9' Min.
Ceiling:	ACT
Floors:	Rubber Flooring
Wall Finish:	Epoxy Paint
Wall Base:	Cove
Shielding Criteria:	No
Fire Separation:	Per Current Adopted Code
Natural Light:	Blackout Shades

Lab Standards

Bench Height	34"-36" Standing
Accessible Workstation:	No
Chemical Storage:	No
Coat Hook:	Locker Room
Marker Board:	TBD

EQ Design Considerations

Vibration Sensitive Equipment:	Yes
Vibration Producing Equipment:	No
Heat Sensitive Equipment:	Yes
Heat Producing Equipment:	Yes
Light Sensitive Equipment:	Yes
Noise Producing Equipment:	Yes
Vibration Criteria:	VC-A or better

Fire Protection/Safety/Security

Fire Suppression System:	See BRL Narrative for specifics
Gas Leak Detection:	TBD
Video Camera:	TBD
Request to Exit Button:	No
Intercom/Public Address:	No - Corridor and Staff spaces only

Plumbing:

Water:	Hot & Cold
Pure Water:	No
Eyewash:	Drench Hose at each sink
Combo Eyewash/Shower:	per ANSI Z358.1
Eyewash/Shower Drain:	Per UIC Standards
Steam:	No
Specialty Gasses:	No

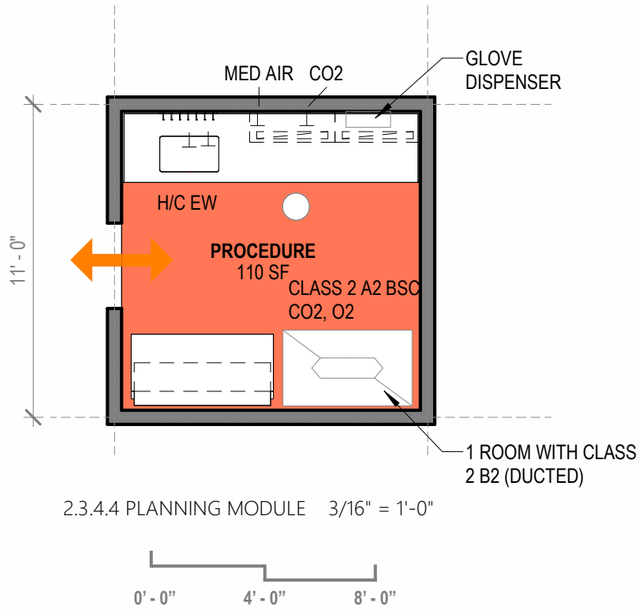
Electrical:

120V Normal Power:	Yes
208V Normal Power:	No
Data:	Yes
UPS Receptacles:	Yes
Lighting Level:	Amber Light, 40-60FC fluorescent light, dual light
Task Lighting	No
Emergency Shut-Off:	Locate electrical panel near lab door
Light Control:	Dimmer & consider circadian rhythm
In-Use Light:	No
TV/Monitor/MATV:	No

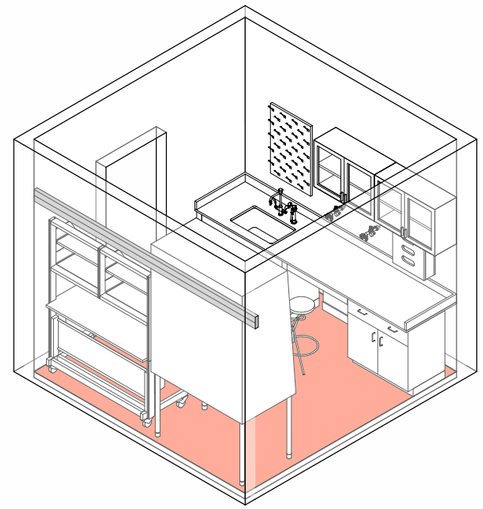
Mechanical:

Temperature	72d F
Temperature Control:	(+/-) 2 degrees
Humidity:	30% All Year
Pressurization:	Negative
Air Changes:	12
Laminar Flow:	No
High/Low Ventilation:	No
Heat Load:	Medium
Fume Hood:	No
Bio-Safety Cabinet:	No
Canopy Hood:	No

2.3.4.4 PROCEDURE ROOM STANDARD



2.3.4.4 PLANNING MODULE 3/16" = 1'-0"



2.3.4.4 AXON

Room Data

Department / Type:	Procedure Room Standard
Notes:	1 for every 2 Holding Rooms
Program Qty:	4
Program NSF:	121 NSF
Program ASF:	484 ASF

Architectural:

Ceiling Height:	9' Min.
Ceiling:	ACT
Floors:	Rubber Flooring
Wall Finish:	Epoxy Paint
Wall Base:	Cove
Shielding Criteria:	No
Fire Separation:	Per Current Adopted Code
Natural Light:	Blackout Shades

Lab Standards

Bench Height	30" Sitting, 34"-36" Standing
Accessible Workstation:	No
Chemical Storage:	No
Coat Hook:	Locker Room
Marker Board:	TBD

EQ Design Considerations

Vibration Sensitive Equipment:	Yes
Vibration Producing Equipment:	No
Heat Sensitive Equipment:	Yes
Heat Producing Equipment:	Yes
Light Sensitive Equipment:	Yes
Noise Producing Equipment:	Yes
Vibration Criteria:	VC-A or better

Fire Protection/Safety/Security

Fire Suppression System:	See BRL Narrative for specifics
Gas Leak Detection:	TBD
Video Camera:	TBD
Request to Exit Button:	No
Intercom/Public Address:	No - Corridor and Staff spaces only

Plumbing:

Water:	Hot & Cold
Pure Water:	No
Eyewash:	Drench Hose at each sink
Combo Eyewash/Shower:	per ANSI Z358.1
Eyewash/Shower Drain:	Per UIC Standards
Steam:	No
Specialty Gasses:	Med Air/CO2

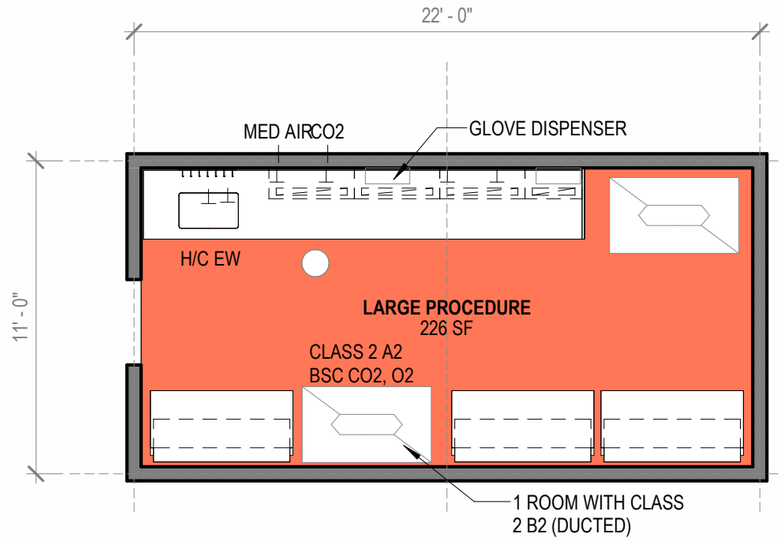
Electrical:

120V Normal Power:	Yes
208V Normal Power:	No
Data:	Yes
ER / UPS Receptacles:	1 ER Duplex/ Yes
Lighting Level:	Amber Light, 40-60FC fluorescent light, dual light
Task Lighting	Under Shelves
Emergency Shut-Off:	Locate electrical panel near lab door
Light Control:	Dimmer
In-Use Light:	Yes
TV/Monitor/MATV:	No

Mechanical:

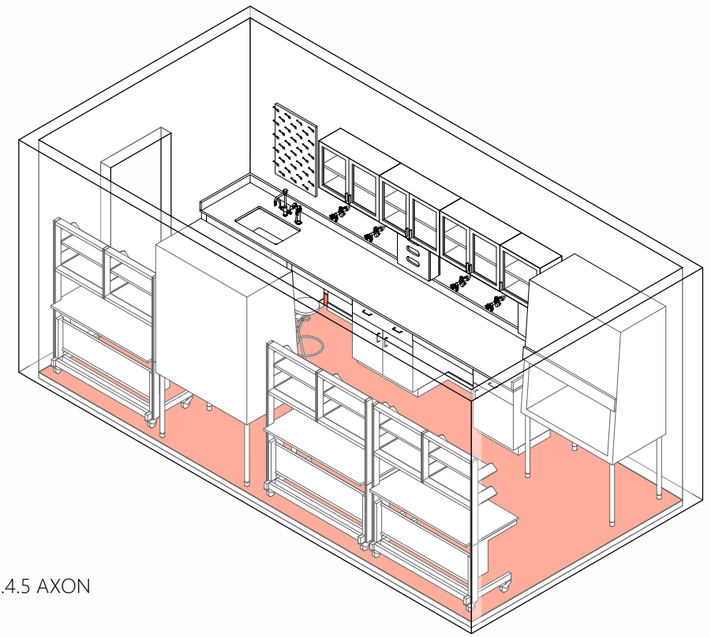
Temperature	72d F
Temperature Control:	(+/-) 2 degrees
Humidity:	30% All Year
Pressurization:	Negative
Air Changes:	12
Laminar Flow:	No
High/Low Ventilation:	No
Heat Load:	low to medium
Fume Hood:	No
Bio-Safety Cabinet:	Thimble Connected Class II, A2
Canopy Hood:	No

2.3.4.5 PROCEDURE ROOM LARGE / DUAL PURPOSE



2.3.4.5 PLANNING MODULE 3/16" = 1'-0"

0' - 0" 4' - 0" 8' - 0"



2.3.4.5 AXON

Room Data

Department / Type:	Procedure Room Large/Dual Purpose
Notes:	
Program Qty:	2
Program NSF:	242 NSF
Program ASF:	484 ASF

Architectural:

Ceiling Height:	9' Min.
Ceiling:	ACT
Floors:	Rubber Flooring
Wall Finish:	Epoxy Paint
Wall Base:	Cove
Shielding Criteria:	No
Fire Separation:	Per Current Adopted Code
Natural Light:	Blackout Shades

Lab Standards

Bench Height	30" Sitting, 34"-36" Standing
Accessible Workstation:	No
Chemical Storage:	No
Coat Hook:	Locker Room
Marker Board:	TBD

EQ Design Considerations

Vibration Sensitive Equipment:	Yes
Vibration Producing Equipment:	No
Heat Sensitive Equipment:	Yes
Heat Producing Equipment:	Yes
Light Sensitive Equipment:	Yes
Noise Producing Equipment:	Yes
Vibration Criteria:	VC-A or better

Fire Protection/Safety/Security

Fire Suppression System:	See BRL Narrative for specifics
Gas Leak Detection:	TBD
Video Camera:	TBD
Request to Exit Button:	No
Intercom/Public Address:	No - Corridor and Staff spaces only

Plumbing:

Water:	Hot & Cold
Pure Water:	No
Eyewash:	Drench Hose at each sink
Combo Eyewash/Shower:	per ANSI Z358.1
Eyewash/Shower Drain:	Per UIC Standards
Steam:	No
Specialty Gasses:	Med Air/CO2

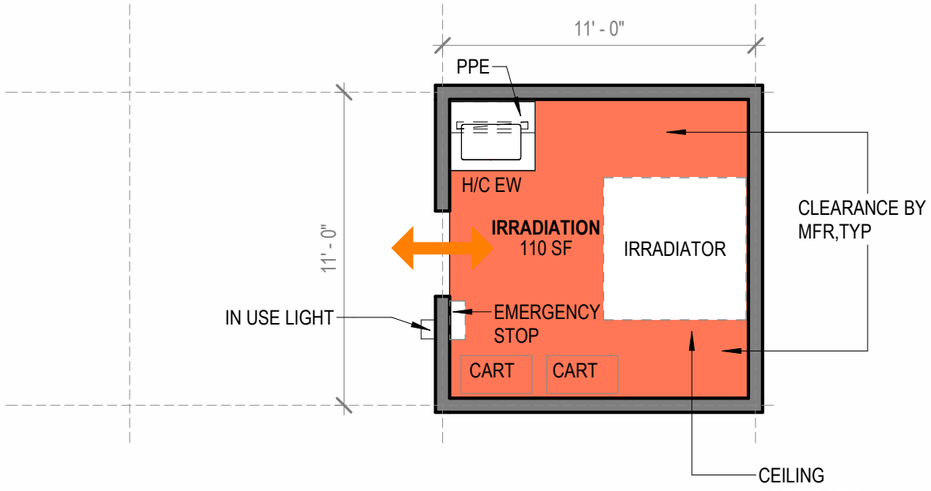
Electrical:

120V Normal Power:	Yes
208V Normal Power:	No
Data:	Yes
ER / UPS Receptacles:	1 ER Duplex/ Yes
Lighting Level:	Amber Light, 40-60FC fluorescent light, dual light
Task Lighting	Under Shelves
Emergency Shut-Off:	Locate electrical panel near lab door
Light Control:	Dimmer
In-Use Light:	Yes
TV/Monitor/MATV:	No

Mechanical:

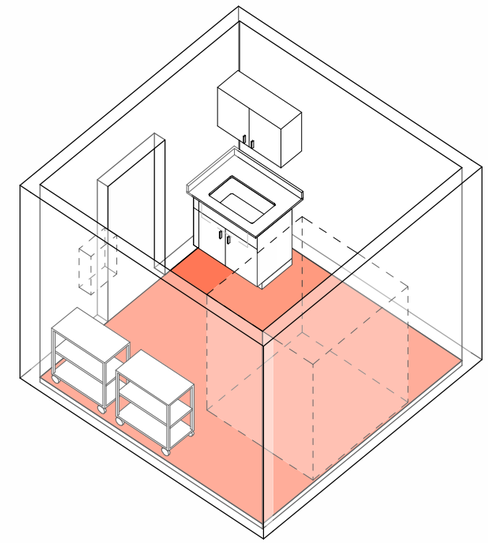
Temperature	72d F
Temperature Control:	(+/-) 2 degrees
Humidity:	30% All Year
Pressurization:	Negative
Air Changes:	12
Laminar Flow:	No
High/Low Ventilation:	No
Heat Load:	low to medium
Fume Hood:	No
Bio-Safety Cabinet:	(1) Class II, B2 - Ducted & (1) Class II, A2 Thimble Connected
Canopy Hood:	No

2.3.4.6 IRRADIATION



2.3.4.6 PLANNING MODULE 3/16" = 1'-0"

0' - 0" 4' - 0" 8' - 0"



2.3.4.6 AXON

Room Data

Department / Type:	Irradiation
Notes:	
Program Qty:	1
Program NSF:	121 NSF
Program ASF:	121 ASF

Architectural:

Ceiling Height:	9' Min.
Ceiling:	ACT
Floors:	Rubber Flooring
Wall Finish:	Epoxy Paint
Wall Base:	Cove
Shielding Criteria:	Yes
Fire Separation:	Per Current Adopted Code
Natural Light:	No

Lab Standards

Bench Height	30" Sitting, 34"-36" Standing
Accessible Workstation:	TBD
Chemical Storage:	No
Coat Hook:	Locker Room
Marker Board:	TBD

EQ Design Considerations

Vibration Sensitive Equipment:	Yes
Vibration Producing Equipment:	TBD
Heat Sensitive Equipment:	Yes
Heat Producing Equipment:	Yes
Light Sensitive Equipment:	Yes
Noise Producing Equipment:	Yes
Vibration Criteria:	VC-A or better

Fire Protection/Safety/Security

Fire Suppression System:	See BRL Narrative for specifics
Gas Leak Detection:	Yes
Video Camera:	TBD
Request to Exit Button:	No
Intercom/Public Address:	No - Corridor and Staff spaces only

Plumbing:

Water:	Hot & Cold
Pure Water:	TBD
Eyewash:	Drench Hose at each sink
Combo Eyewash/Shower:	per ANSI Z358.1
Eyewash/Shower Drain:	Per UIC Standards
Steam:	No
Specialty Gasses:	Med Air/CO2

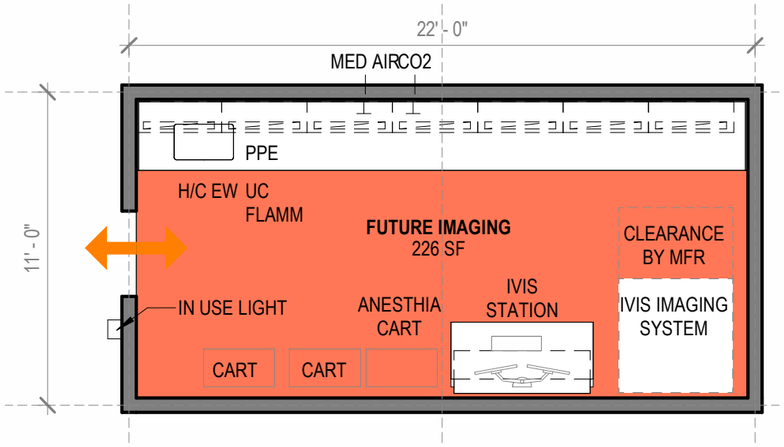
Electrical:

120V Normal Power:	Yes
208V Normal Power:	TBD
Data:	Yes
ER / UPS Receptacles:	1 ER Duplex/ Yes
Lighting Level:	40-60 FC
Task Lighting	Under Shelves
Emergency Shut-Off:	Locate electrical panel near lab door
Light Control:	Dimmer
In-Use Light:	Yes
TV/Monitor/MATV:	No

Mechanical:

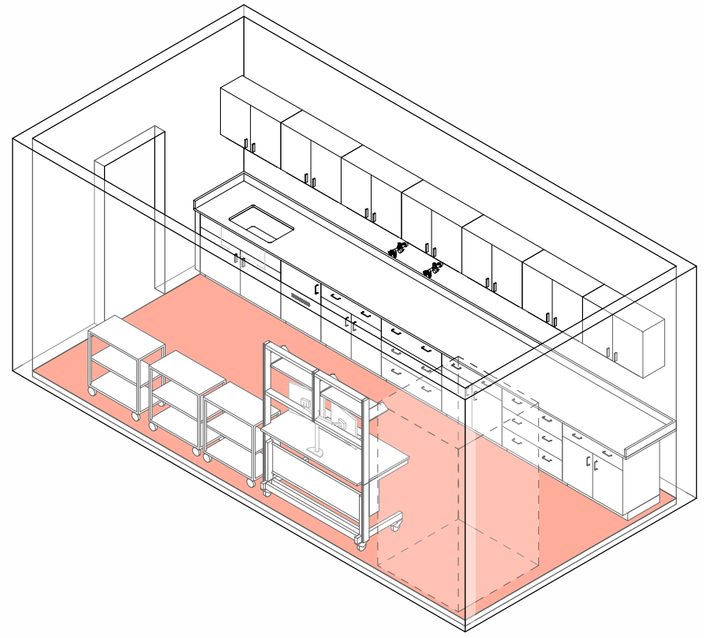
Temperature	72d F
Temperature Control:	(+/-) 2 degrees
Humidity:	65% RH or less
Pressurization:	Negative
Air Changes:	12
Laminar Flow:	No
High/Low Ventilation:	No
Heat Load:	low to medium
Fume Hood:	No
Bio-Safety Cabinet:	No
Canopy Hood:	No

2.4.4 FUTURE IMAGING



2.4.4 PLANNING MODULE 3/16" = 1'-0"

0' - 0" 4' - 0" 8' - 0"



2.4.4 AXON

Room Data

Department / Type:	Future Imaging
Notes:	Can combine with procedure
Program Qty:	1
Program NSF:	242 NSF
Program ASF:	242 ASF

Architectural:

Ceiling Height:	9' Min.
Ceiling:	ACT
Floors:	Rubber Flooring
Wall Finish:	Epoxy Paint
Wall Base:	Cove
Shielding Criteria:	Yes
Fire Separation:	Per Current Adopted Code
Natural Light:	No

Lab Standards

Bench Height	30" Sitting, 34"-36" Standing
Accessible Workstation:	TBD
Chemical Storage:	No
Coat Hook:	Locker Room
Marker Board:	TBD

EQ Design Considerations

Vibration Sensitive Equipment:	Yes
Vibration Producing Equipment:	TBD
Heat Sensitive Equipment:	Yes
Heat Producing Equipment:	Yes
Light Sensitive Equipment:	Yes
Noise Producing Equipment:	Yes
Vibration Criteria:	VC-A or better

Fire Protection/Safety/Security

Fire Suppression System:	See BRL Narrative for specifics
Gas Leak Detection:	Yes
Video Camera:	TBD
Request to Exit Button:	No
Intercom/Public Address:	No - Corridor and Staff spaces only

Plumbing:

Water:	Hot & Cold
Pure Water:	TBD
Eyewash:	Drench Hose at each sink
Combo Eyewash/Shower:	per ANSI Z358.1
Eyewash/Shower Drain:	Per UIC Standards
Steam:	No
Specialty Gasses:	Med Air/CO2

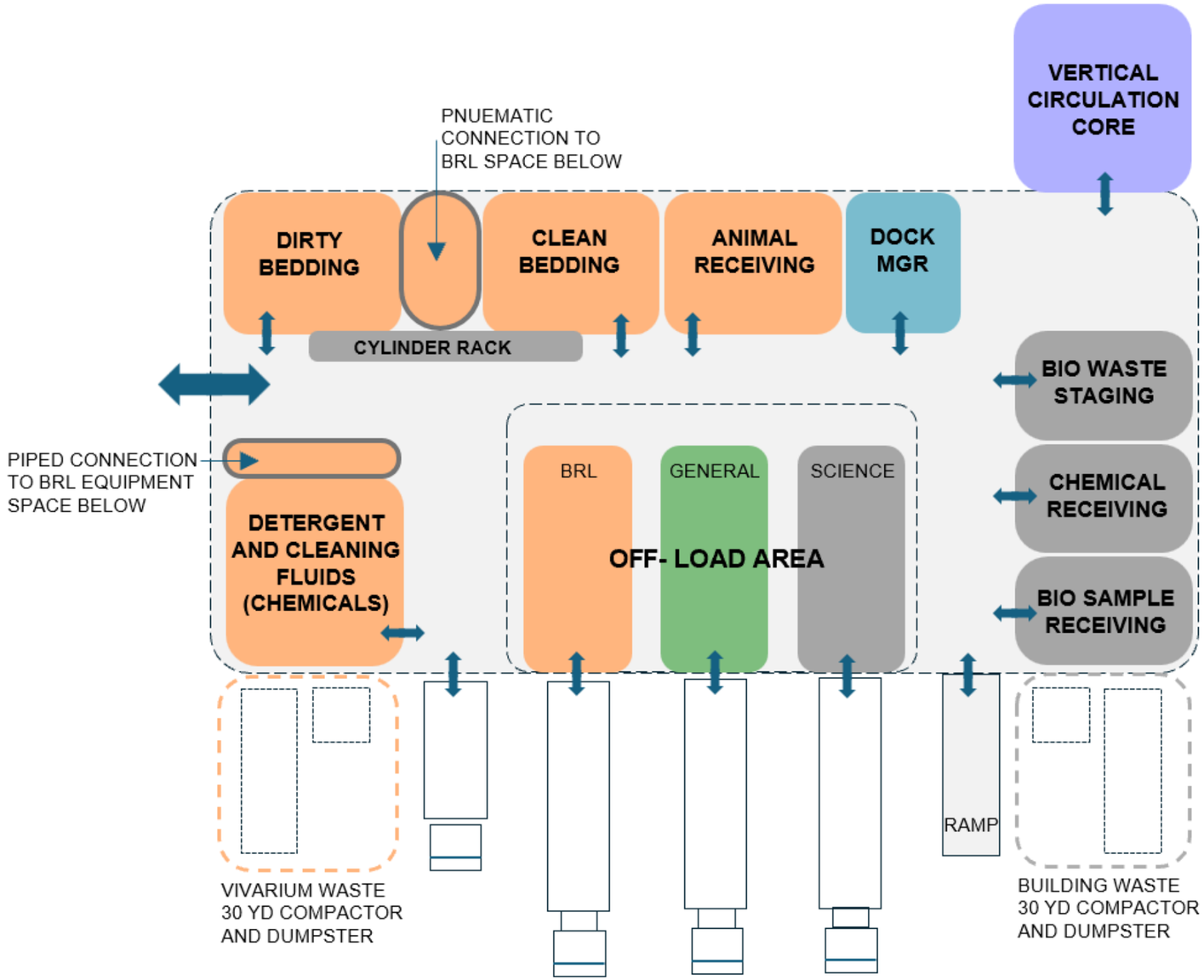
Electrical:

120V Normal Power:	Yes
208V Normal Power:	TBD
Data:	Yes
ER / UPS Receptacles:	1 ER Duplex/ Yes
Lighting Level:	40-60 FC
Task Lighting	Under Shelves
Emergency Shut-Off:	Locate electrical panel near lab door
Light Control:	Dimmer
In-Use Light:	Yes
TV/Monitor/MATV:	No

Mechanical:

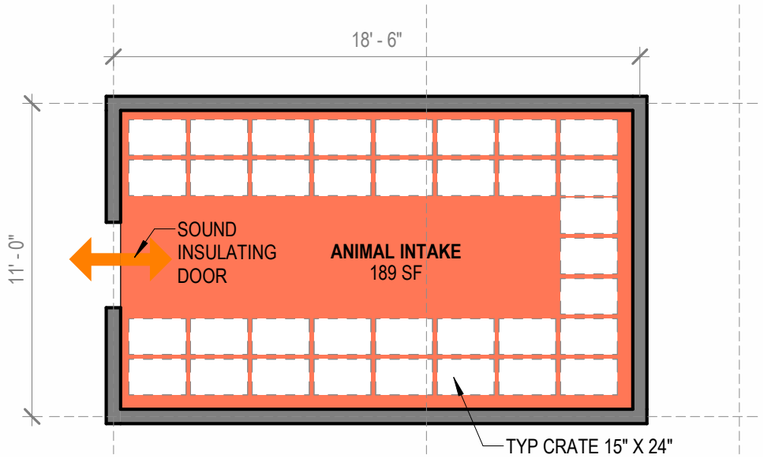
Temperature	72d F
Temperature Control:	(+/-) 2 degrees
Humidity:	65% RH or less
Pressurization:	Negative
Air Changes:	12
Laminar Flow:	No
High/Low Ventilation:	No
Heat Load:	low to medium
Fume Hood:	No
Bio-Safety Cabinet:	No
Canopy Hood:	No

4.2 LOADING DOCK



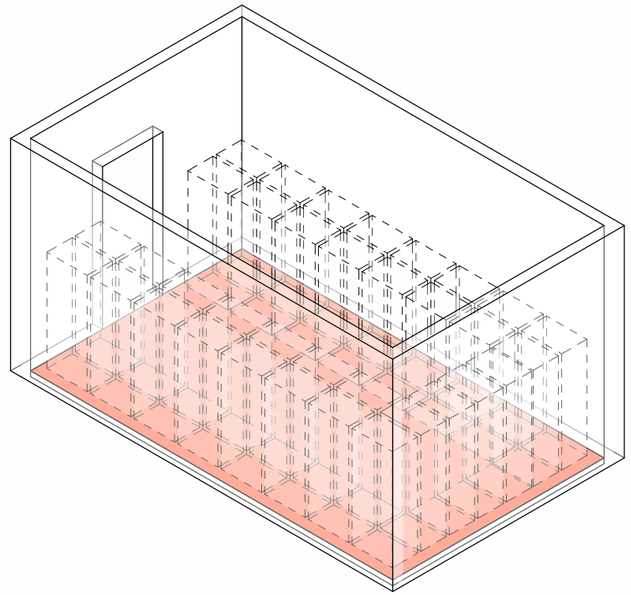
ANIMAL RECEIVING:
TWICE WEEKLY DELIVERIES
MONDAY - 35 CRATES (15"X24")
WEDNESDAY - 20 CRATES (15"X24")

4.2.3.1 ANIMAL RECEIVING



4.2.3.1 PLANNING MODULE 3/16" = 1'-0"





4.2.3.1 AXON

Room Data

Department / Type:	Animal Receiving
Notes:	
Program Qty:	1
Program NSF:	184 NSF
Program ASF:	184 ASF

Architectural:

Ceiling Height:	10' Min.
Ceiling:	ACT
Floors:	Sealed Concrete
Wall Finish:	Epoxy Paint
Wall Base:	Cove
Shielding Criteria:	No
Fire Separation:	Per Current Adopted Code
Natural Light:	No

Lab Standards

Bench Height	No
Accessible Workstation:	No
Chemical Storage:	No
Coat Hook:	No
Marker Board:	No

EQ Design Considerations

Vibration Sensitive Equipment:	Yes
Vibration Producing Equipment:	No
Heat Sensitive Equipment:	Yes
Heat Producing Equipment:	No
Light Sensitive Equipment:	Yes
Noise Producing Equipment:	No
Vibration Criteria:	VC-A or better

Fire Protection/Safety/Security

Fire Suppression System:	See BRL Narrative for specifics
Gas Leak Detection:	TBD
Video Camera:	TBD
Request to Exit Button:	No
Intercom/Public Address:	No - Corridor and Staff spaces only

Plumbing:

Water:	No
Pure Water:	No
Eyewash:	No
Combo Eyewash/Shower:	per ANSI Z358.1
Eyewash/Shower Drain:	Per UIC Standards
Steam:	No
Specialty Gasses:	No

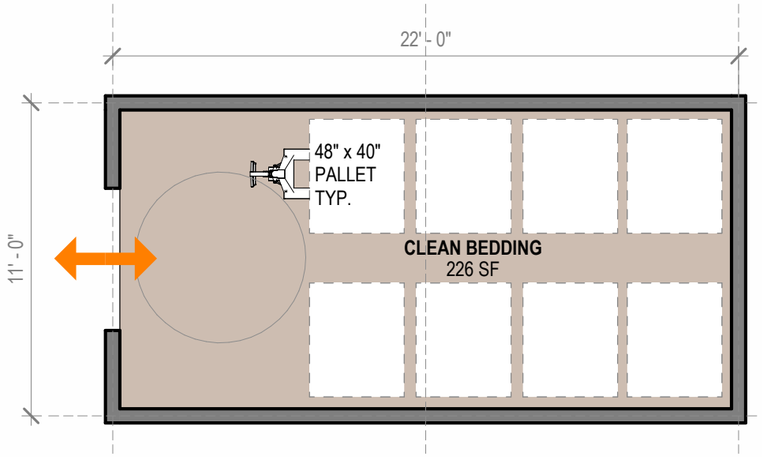
Electrical:

120V Normal Power:	Yes
208V Normal Power:	No
Data:	Yes
UPS Receptacles:	Yes
Lighting Level:	Amber Light, 40-60FC fluorescent light, dual light
Task Lighting	No
Emergency Shut-Off:	No
Light Control:	Dimmer
In-Use Light:	No
TV/Monitor/MATV:	No

Mechanical:

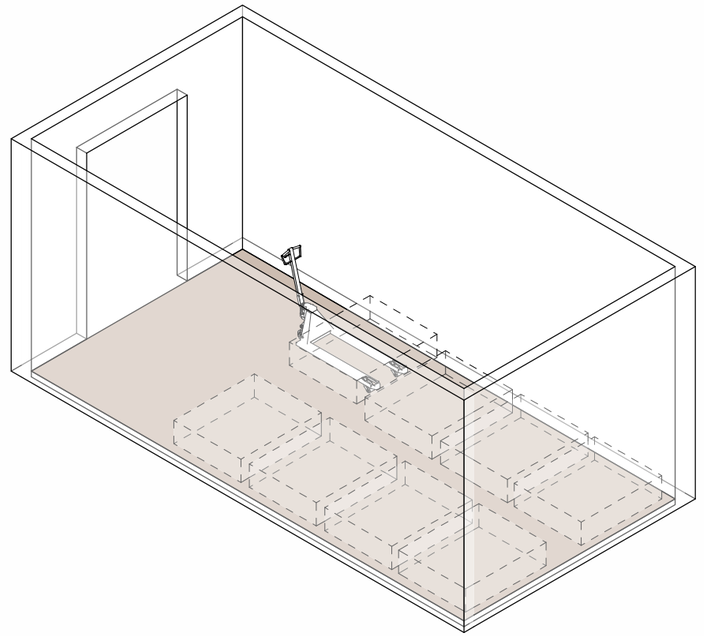
Temperature	72d F
Temperature Control:	(+/-) 2 degrees
Humidity:	65% RH or less
Pressurization:	Negative
Air Changes:	12
Laminar Flow:	No
High/Low Ventilation:	No
Heat Load:	Medium
Fume Hood:	No
Bio-Safety Cabinet:	No
Canopy Hood:	No

4.2.3.2 CLEAN BEDDING STAGING



4.2.3.2 PLANNING MODULE 3/16" = 1'-0"





4.2.3.2 AXON

Room Data

Department / Type:	Clean Food & Bedding
Notes:	
Program Qty:	1
Program NSF:	253 NSF
Program ASF:	253 NSF

Architectural:

Ceiling Height:	10' Min.
Ceiling:	ACT
Floors:	Sealed Concrete
Wall Finish:	Epoxy Paint
Wall Base:	Cove
Shielding Criteria:	No
Fire Separation:	Per Current Adopted Code
Natural Light:	No

Lab Standards

Bench Height	No
Accessible Workstation:	No
Chemical Storage:	No
Coat Hook:	No
Marker Board:	No

EQ Design Considerations

Vibration Sensitive Equipment:	Yes
Vibration Producing Equipment:	No
Heat Sensitive Equipment:	Yes
Heat Producing Equipment:	No
Light Sensitive Equipment:	Yes
Noise Producing Equipment:	No
Vibration Criteria:	VC-A or better

Fire Protection/Safety/Security

Fire Suppression System:	See BRL Narrative for specifics
Gas Leak Detection:	TBD
Video Camera:	TBD
Request to Exit Button:	No
Intercom/Public Address:	No - Corridor and Staff spaces only

Plumbing:

Water:	No
Pure Water:	No
Eyewash:	No
Combo Eyewash/Shower:	per ANSI Z358.1
Eyewash/Shower Drain:	Per UIC Standards
Steam:	No
Specialty Gasses:	No

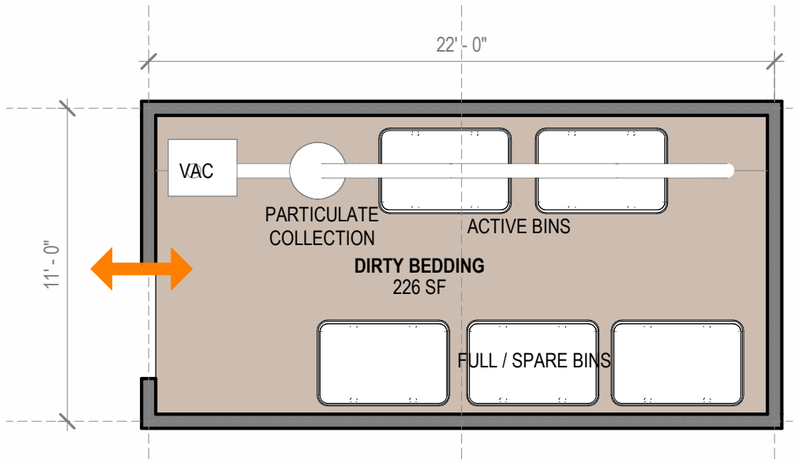
Electrical:

120V Normal Power:	Yes
208V Normal Power:	No
Data:	Yes
UPS Receptacles:	Yes
Lighting Level:	Amber Light, 40-60FC fluorescent light, dual light
Task Lighting	No
Emergency Shut-Off:	No
Light Control:	Dimmer
In-Use Light:	No
TV/Monitor/MATV:	No

Mechanical:

Temperature	72d F
Temperature Control:	(+/-) 2 degrees
Humidity:	65% RH or less
Pressurization:	Negative
Air Changes:	10
Laminar Flow:	No
High/Low Ventilation:	No
Heat Load:	Medium
Fume Hood:	No
Bio-Safety Cabinet:	No
Canopy Hood:	No

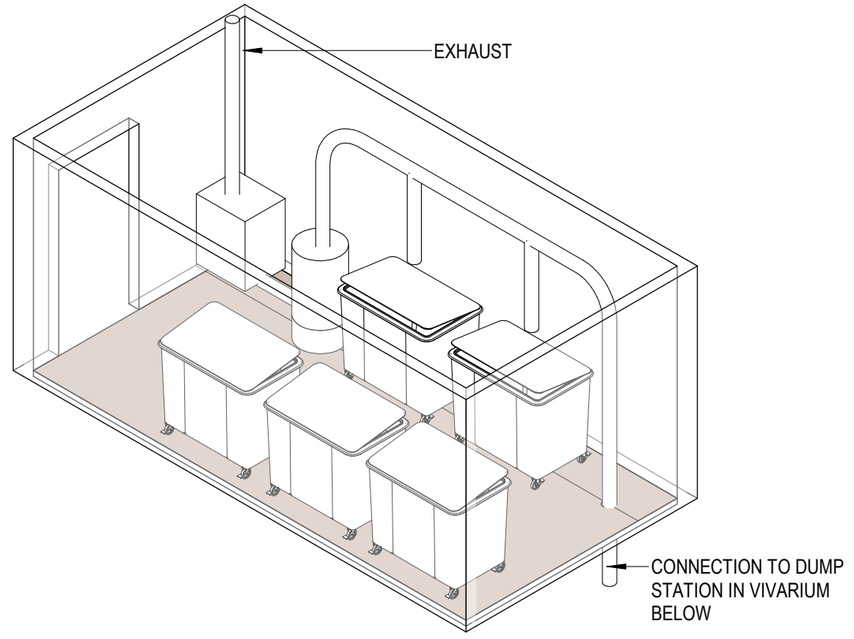
4.2.3.3 DIRTY BEDDING



INTERIOR ALTERNATIVE TO FULLY EXTERIOR AUGER SYSTEM

4.2.3.3 PLANNING MODULE 3/16" = 1'-0"

0' - 0" 4' - 0" 8' - 0"



4.2.3.3 AXON

Room Data

Department / Type:	Dirty Bedding
Notes:	
Program Qty:	1
Program NSF:	195 NSF
Program ASF:	195 ASF

Architectural:

Ceiling Height:	10' Min.
Ceiling:	None
Floors:	Sealed Concrete
Wall Finish:	Epoxy Paint
Wall Base:	Cove
Shielding Criteria:	No
Fire Separation:	Per Current Adopted Code
Natural Light:	No

Lab Standards

Bench Height	No
Accessible Workstation:	No
Chemical Storage:	No
Coat Hook:	No
Marker Board:	No

EQ Design Considerations

Vibration Sensitive Equipment:	No
Vibration Producing Equipment:	No
Heat Sensitive Equipment:	No
Heat Producing Equipment:	No
Light Sensitive Equipment:	No
Noise Producing Equipment:	No
Vibration Criteria:	VC-A or better

Fire Protection/Safety/Security

Fire Suppression System:	Per Current Adopted Code
Gas Leak Detection:	No
Video Camera:	No
Request to Exit Button:	No
Intercom/Public Address:	No

Plumbing:

Water:	No
Pure Water:	No
Eyewash:	No
Combo Eyewash/Shower:	per ANSI Z358.1
Eyewash/Shower Drain:	Per UIC Standards
Steam:	No
Specialty Gasses:	No

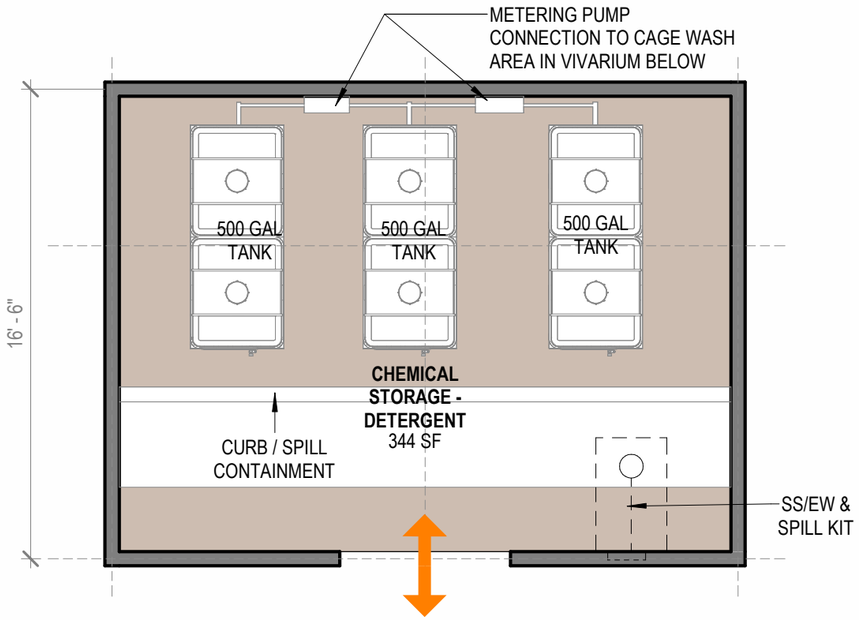
Electrical:

120V Normal Power:	Yes
208V Normal Power:	No
Data:	No
UPS Receptacles:	No
Lighting Level:	40-60 FC
Task Lighting	No
Emergency Shut-Off:	No
Light Control:	On/Off
In-Use Light:	No
TV/Monitor/MATV:	No

Mechanical:

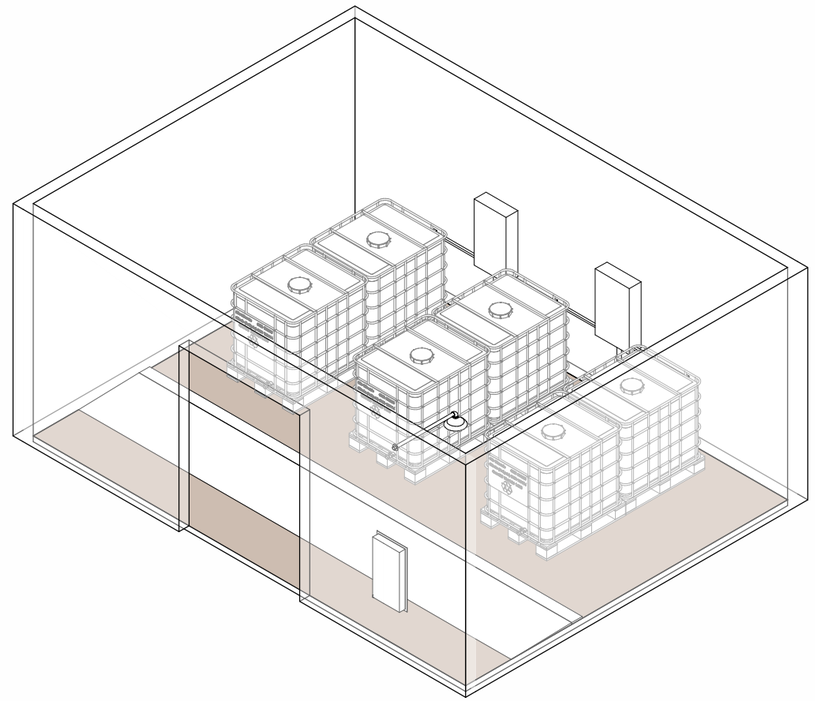
Temperature	72d F
Temperature Control:	(+/-) 2 degrees
Humidity:	65% RH or less
Pressurization:	Negative
Air Changes:	12
Laminar Flow:	No
High/Low Ventilation:	No
Heat Load:	Low
Fume Hood:	No
Bio-Safety Cabinet:	No
Canopy Hood:	No

4.2.3.5 CHEMICAL STORAGE - DETERGENT AND CLEANING MATERIALS



4.2.3.5 PLANNING MODULE 3/16" = 1'-0"





4.2.3.5 AXON

Room Data

Department / Type:	Chem. Storage - Derergent
Notes:	Hold (3) Tanks
Program Qty:	1
Program NSF:	312 NSF
Program ASF:	312 NSF

Architectural:

Ceiling Height:	10' Min.
Ceiling:	ACT
Floors:	Sealed Concrete/ Slip Resistant
Wall Finish:	Epoxy
Wall Base:	Integral Epoxy Cove
Shielding Criteria:	No
Fire Separation:	Per Current Adopted Code
Natural Light:	No

Lab Standards

Bench Height	None
Accessible Workstation:	None
Chemical Storage:	Tanks - OFOI
Coat Hook:	No
Marker Board:	No

EQ Design Considerations

Vibration Sensitive Equipment:	No
Vibration Producing Equipment:	No
Heat Sensitive Equipment:	No
Heat Producing Equipment:	No
Light Sensitive Equipment:	No
Noise Producing Equipment:	No
Vibration Criteria:	min. 4000 mips

Fire Protection/Safety/Security

Fire Suppression System:	Per Current Adopted Code
Gas Leak Detection:	TBD
Video Camera:	No
Request to Exit Button:	No
Intercom/Public Address:	Yes

Plumbing:

Water:	No
Pure Water:	No
Eyewash:	No
Combo Eyewash/Shower:	per ANSI Z358.1
Eyewash/Shower Drain:	Per UIC Standards
Steam:	No
Specialty Gasses:	Yes

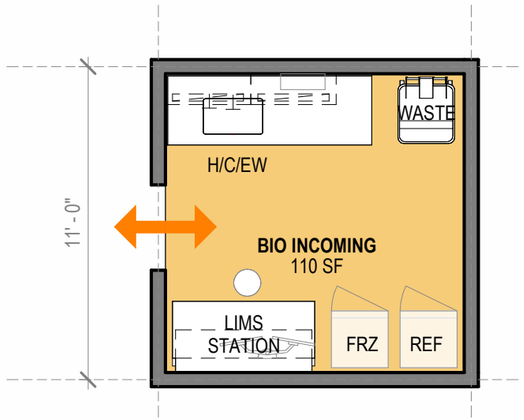
Electrical:

120V Normal Power:	Yes
208V Normal Power:	TBD
Data:	TBD
UPS Receptacles:	No
Lighting Level:	40 - 60 FC
Task Lighting	No
Emergency Shut-Off:	Yes
Light Control:	No
In-Use Light:	No
TV/Monitor/MATV:	No

Mechanical:

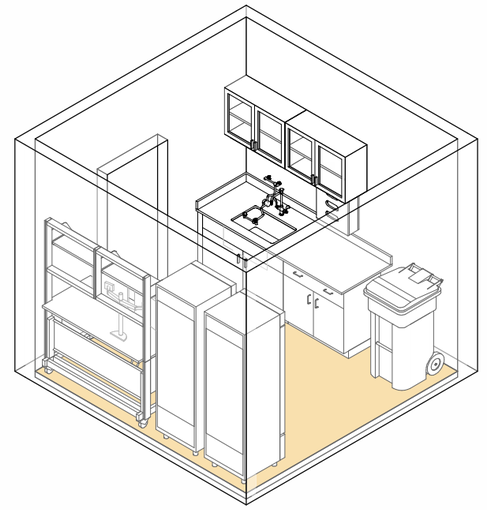
Temperature	72d
Temperature Control:	(+/-) 2 d
Humidity:	65% RH or less
Pressurization:	Negative
Air Changes:	6 to 8
Laminar Flow:	No
High/Low Ventilation:	No
Heat Load:	Low
Fume Hood:	No
Bio-Safety Cabinet:	No
Canopy Hood:	No
Point Exhaust:	No

4.2.4.1 BIO INCOMING (SCIENCE / SAMPLE RECEIVING / ACCESSIONING)



4.2.4.1 PLANNING MODULE 3/16" = 1'-0"





4.2.4.1 AXON

Room Data

Department / Type:	Bio. Receiving
Notes:	1 Per Floor
Program Qty:	1
Program NSF:	121 NSF
Program ASF:	121 ASF

Architectural:

Ceiling Height:	8'-6"min.
Ceiling:	ACT
Floors:	Sealed Concrete/ Slip Resistant
Wall Finish:	Epoxy
Wall Base:	Integral Epoxy Cove
Shielding Criteria:	No
Fire Separation:	Per Current Adopted Code
Natural Light:	No

Lab Standards

Bench Height	None
Accessible Workstation:	None
Chemical Storage:	Cylinder racks & Gas Cabinets
Coat Hook:	No
Marker Board:	No

EQ Design Considerations

Vibration Sensitive Equipment:	No
Vibration Producing Equipment:	No
Heat Sensitive Equipment:	No
Heat Producing Equipment:	No
Light Sensitive Equipment:	No
Noise Producing Equipment:	No
Vibration Criteria:	min. 4000 mips

Fire Protection/Safety/Security

Fire Suppression System:	H3 room design criteria
Gas Leak Detection:	Yes
Video Camera:	No
Request to Exit Button:	No
Intercom/Public Address:	Yes

Plumbing:

Water:	No
Pure Water:	No
Eyewash:	No
Combo Eyewash/Shower:	per ANSI Z358.1
Eyewash/Shower Drain:	Per UIC Standards
Steam:	No
Specialty Gasses:	Yes

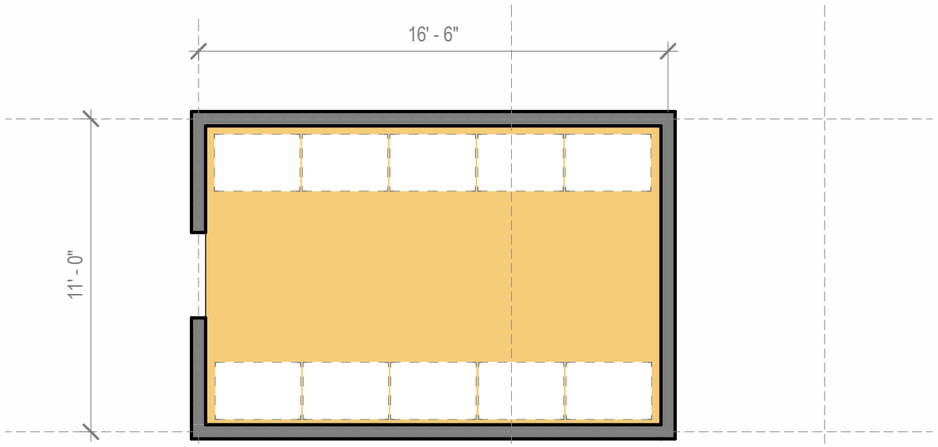
Electrical:

120V Normal Power:	Convenience + Ref. Eq.
208V Normal Power:	No
Data:	No
UPS Receptacles:	No
Lighting Level:	40 - 60 FC
Task Lighting	No
Emergency Shut-Off:	No
Light Control:	No
In-Use Light:	No
TV/Monitor/MATV:	No

Mechanical:

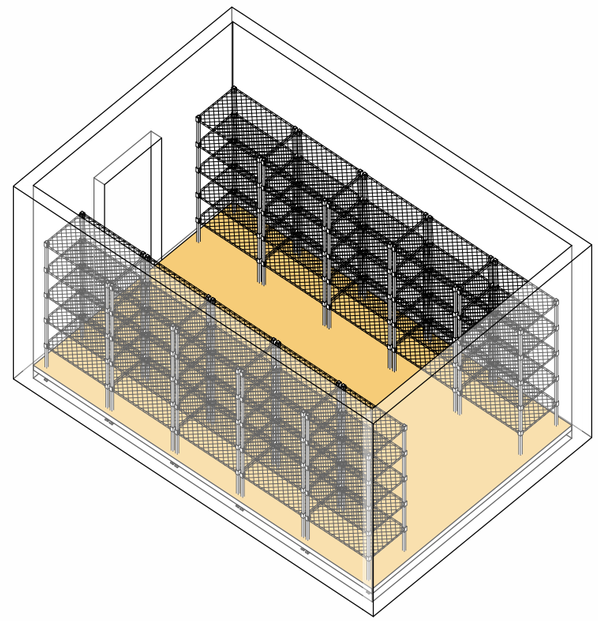
Temperature	72d
Temperature Control:	(+/-) 2 d
Humidity:	65% RH or less
Pressurization:	Negative
Air Changes:	8 to 10
Laminar Flow:	No
High/Low Ventilation:	No
Heat Load:	Low
Fume Hood:	No
Bio-Safety Cabinet:	No
Canopy Hood:	No
Point Exhaust:	No

4.2.4.2 BIOWASTE OUTGOING



4.2.4.2 PLANNING MODULE 3/16" = 1'-0"

0' - 0" 4' - 0" 8' - 0"



4.2.4.2 AXON

Room Data

Department / Type:	Biowaste Outgoing
Notes:	1
Program Qty:	8
Program NSF:	168 NSF
Program ASF:	168 ASF

Architectural:

Ceiling Height:	10' Min.
Ceiling:	Epoxy Coated Gyp.
Floors:	Sealed Concrete/ Slip Resistant
Wall Finish:	FRP or similar for washdown
Wall Base:	Rubber Cove
Shielding Criteria:	No
Fire Separation:	Per Current Adopted Code
Natural Light:	None Required

Lab Standards

Bench Height	No
Accesible Workstation:	No
Chemical Storage:	No
Coat Hook:	No
Marker Board:	No

EQ Design Considerations

Vibration Sensitive Equipment:	No
Vibration Producing Equipment:	No
Heat Sensitive Equipment:	No
Heat Producing Equipment:	No
Light Sensitive Equipment:	No
Noise Producing Equipment:	No
Vibration Criteria:	min. 4000 mips

Fire Protection/Safety/Security

Fire Suppression System:	Per Current Adopted Code
Gas Leak Detection:	TBD
Video Camera:	No
Request to Exit Button:	No
Intercom/Public Address:	Yes

Plumbing:

Water:	Provide floor drain for washdown
Pure Water:	No
Eyewash:	No
Combo Eyewash/Shower:	per ANSI Z358.1
Eyewash/Shower Drain:	Per UIC Standards
Steam:	No
Specialty Gasses:	No

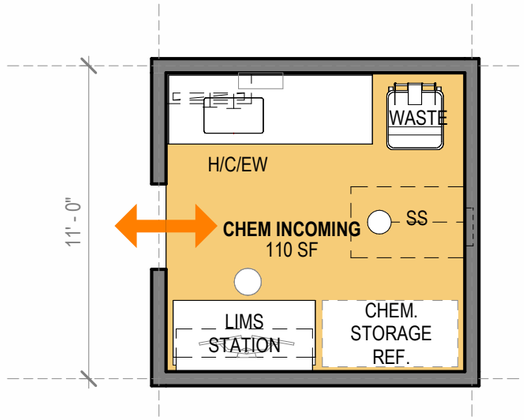
Electrical:

120V Normal Power:	Yes
208V Normal Power:	No
Data:	No
UPS Receptacles:	No
Lighting Level:	40 - 60 FC
Task Lighting	No
Emergency Shut-Off:	Locate electrical panel near lab door
Light Control:	Occupancy Sensor
In-Use Light:	No
TV/Monitor/MATV:	No

Mechanical:

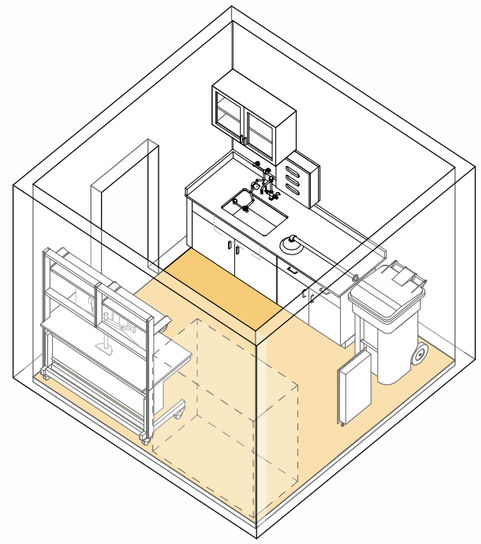
Temperature	72d
Temperature Control:	(+/-) 2 d
Humidity:	65% RH or less
Pressurization:	Negative
Air Changes:	10 to 15
Laminar Flow:	No
High/Low Ventilation:	100% Exhaust
Heat Load:	Low
Fume Hood:	No
Bio-Safety Cabinet:	No
Canopy Hood:	No
Point Exhaust:	No

4.2.4.3 CHEMICAL INCOMING (STORES WITH REFRIGERATION)



4.2.4.3 PLANNING MODULE 3/16" = 1'-0"

0' - 0" 4' - 0" 8' - 0"



4.2.4.3 AXON

Room Data

Department / Type:	Chemical Receiving
Notes:	1 Per Floor
Program Qty:	1
Program NSF:	121 NSF
Program ASF:	121 ASF

Architectural:

Ceiling Height:	8'-6"min.
Ceiling:	ACT
Floors:	Sealed Concrete/ Slip Resistant
Wall Finish:	Epoxy
Wall Base:	Integral Epoxy Cove
Shielding Criteria:	No
Fire Separation:	Per Current Adopted Code
Natural Light:	No

Lab Standards

Bench Height	None
Accessible Workstation:	None
Chemical Storage:	Cylinder racks & Gas Cabinets
Coat Hook:	No
Marker Board:	No

EQ Design Considerations

Vibration Sensitive Equipment:	No
Vibration Producing Equipment:	No
Heat Sensitive Equipment:	No
Heat Producing Equipment:	No
Light Sensitive Equipment:	No
Noise Producing Equipment:	No
Vibration Criteria:	min. 4000 mips

Fire Protection/Safety/Security

Fire Suppression System:	H3 room design criteria
Gas Leak Detection:	Yes
Video Camera:	No
Request to Exit Button:	No
Intercom/Public Address:	Yes

Plumbing:

Water:	No
Pure Water:	No
Eyewash:	No
Combo Eyewash/Shower:	per ANSI Z358.1
Eyewash/Shower Drain:	Per UIC Standards
Steam:	No
Specialty Gasses:	Yes

Electrical:

120V Normal Power:	Convenience + Ref. Eq.
208V Normal Power:	No
Data:	No
UPS Receptacles:	No
Lighting Level:	40 - 60 FC
Task Lighting	No
Emergency Shut-Off:	No
Light Control:	No
In-Use Light:	No
TV/Monitor/MATV:	No

Mechanical:

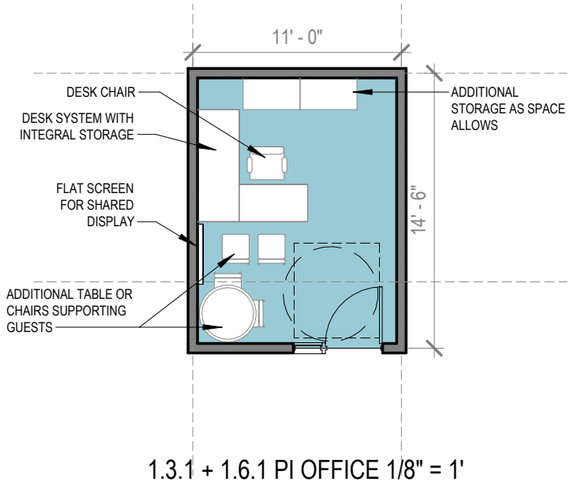
Temperature	72d
Temperature Control:	(+/-) 2 d
Humidity:	65% RH or less
Pressurization:	Negative
Air Changes:	8 to 10
Laminar Flow:	No
High/Low Ventilation:	No
Heat Load:	Low
Fume Hood:	No
Bio-Safety Cabinet:	No
Canopy Hood:	No
Point Exhaust:	No

10.2 NON-LAB SPACES

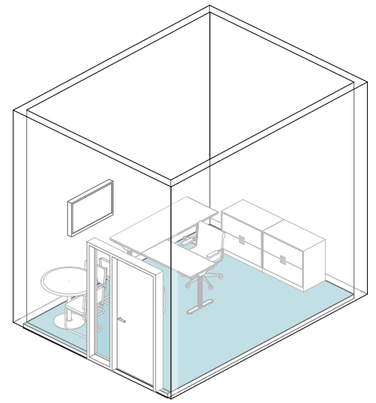
Table of Contents – Non-Laboratory

1.3.1 + 1.6.1	PI OFFICE
1.3.2 + 1.6.2	FLEX OFFICE
1.3.3	WORK STATIONS (MEDIUM DENSITY)
1.6.3	WORK STATIONS (HIGH DENSITY)
1.8.5	BREAKROOM / COLLABORATION AREA
2.3.1.1	SUPERVISORY HUB
2.3.1.2	STAFF BREAK AREA
3.1.1	LOBBY / RECEPTION – SOUTH
3.1.2	LOBBY / RECEPTION – NORTH
3.2.1	EXHIBITION
3.2.2	EXHIBITION SUPPORT / STAGING
3.3.1	MULTI-PURPOSE ROOM & LECTURE HALL
3.3.2	PRE-FUNCTION
3.3.3	CONFERENCE, EXTRA LARGE / SMALL MULTI-PURPOSE ROOM
3.3.4	CONFERENCE, LARGE
3.3.5	CONFERENCE, MEDIUM
3.4.1	KITCHEN
3.4.2	CHAIR / TABLE STORAGE
3.4.3	SHOWERS
3.4.4	WELLNESS ROOM
3.4.5	LACTATION ROOM
4.1.2	FACILITIES MANAGER
4.1.3	FACILITIES STAFF
4.1.4	IT MANAGER
4.1.5	ATTIC STOCK STORAGE / PARTS
4.1.6	CUSTODIAL SUPPLIES & EQUIPMENT STORAGE
4.2.1.1	DOCK MANAGER OFFICE
4.2.1.3	JANITOR'S CLOSET
4.2.5.1	LAYDOWN / TEMPORARY STAGING / MAIN DOCK
4.2.5.2	MAIL ROOM / PACKAGE HANDLING
5.0.0	MEP SPACES
5.0.1	RESTROOMS

1.3.1 + 1.6.1 | PI OFFICE



1.3.1 + 1.6.1 PI OFFICE 1/8" = 1'



Room Data:

Department / Type:	PI Office
Notes:	N/A
Program Qty:	18 HD+32 MD = 50
Program NSF:	150 NSF
Program ASF:	7,500 ASF

Architectural:

Ceiling Height:	Min 9'
Ceiling:	Sound absorbing material (ie ACT)
Floors:	Sound absorbing material (ie Carpet Tile)
Walls:	GWB or Glass
Wall Finish:	Paint (low VOC)
Wall Base:	4" High Vinyl or Rubber
Doors (Material, Size, Rating):	WD
Door (Lite):	None
Door Frames:	HM
Door Hardware:	Mortise - Office Function
Shielding Criteria:	No
Acoustic Criteria:	Refer to Section 8.11
Fire Separation:	No
Natural Light:	Preferred
Exterior Window Treatment:	Address glare and sunlight

Fire Protection/Safety/Security:

Fire Supression System:	Sprinkler
Gas Leak Detection:	O2 Sensor
Video Camera:	No
Request to Exit Button:	No

AV/IT:

Intercom/Public Address:	No
Video Projector:	No
TV/Monitor/MATV:	TBD
Projection Screen:	No
Marker Board:	TBD
Sound System:	No
Data:	Yes

Electrical:

120V Normal Power:	Yes
208V Normal Power:	TBD
UPS Receptacles:	TBD
Lighting Level:	Min. 50 FC
Task Lighting	No
Emergency Shut-Off:	No
Light Control:	Dimmable, occupancy sensor
In-Use Light:	No

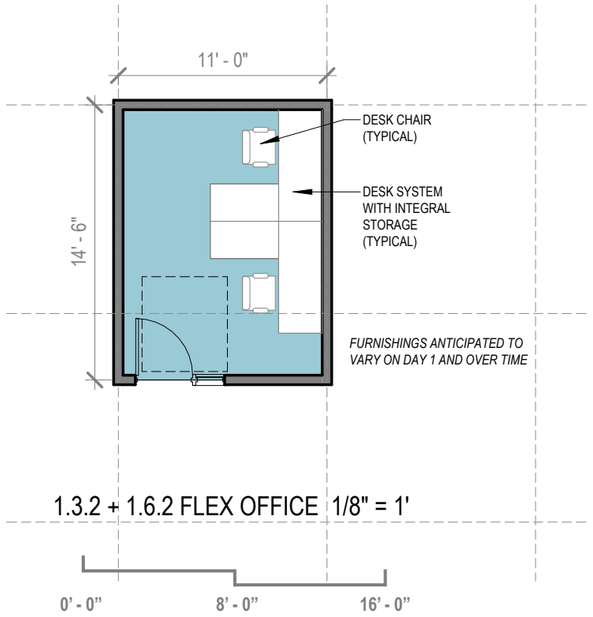
Plumbing:

Water:	No
RO Water:	No
Eyewash:	No
Combo Eyewash/Shower:	No
Eyewash/Shower Drain:	No
Steam:	No
Compressed Air:	No
Vacuum:	No

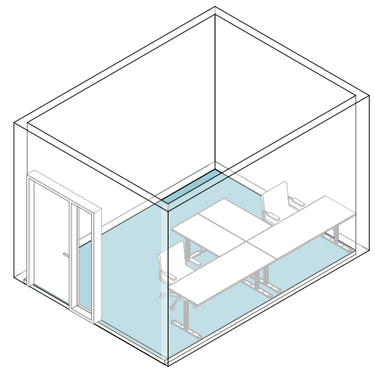
Mechanical:

Temperature	70-72d F
Temperature Control:	(+/-) 2 degrees
Humidity:	50% RH Max
Pressurization:	Neutral or Positive
Air Changes:	N/A
Laminar Flow:	No
High/Low Ventilation:	No
Heat Load:	Low
Fume Hood:	No
Bio-Safety Cabinet:	No
Canopy Hood:	No
Point Exhaust:	No

1.3.2 + 1.6.2 | FLEX OFFICE



1.3.2 + 1.6.2 FLEX OFFICE 1/8" = 1'



Room Data:

Department / Type:	Flex Office
Notes:	N/A
Program Qty:	6HD+16MD= 22
Program NSF:	150 NSF
Program ASF:	3,300 ASF

Architectural:

Ceiling Height:	Min 9'
Ceiling:	Sound absorbing material (ie ACT)
Floors:	Sound absorbing material (ie Carpet TIle)
Walls:	GWB or Glass
Wall Finish:	Paint (low VOC)
Wall Base:	4" High Vinyl or Rubber
Doors (Material, Size, Rating):	WD
Door (Lite):	None
Door Frames:	HM
Door Hardware:	Mortise - Office Function
Shielding Criteria:	No
Acoustic Criteria:	Refer to Section 8.11
Fire Separation:	No
Natural Light:	Preferred
Exterior Window Treatment:	Address glare and sunlight

Fire Protection/Safety/Security:

Fire Supression System:	Sprinkler
Gas Leak Detection:	O2 Sensor
Video Camera:	No
Request to Exit Button:	No

AV/IT:

Intercom/Public Address:	No
Video Projector:	No
TV/Monitor/MATV:	TBD
Projection Screen:	No
Marker Board:	TBD
Sound System:	No
Data:	Yes

Electrical:

120V Normal Power:	Yes
208V Normal Power:	TBD
UPS Receptacles:	TBD
Lighting Level:	Min. 50 FC
Task Lighting	No
Emergency Shut-Off:	No
Light Control:	Dimmable, occupancy sensor
In-Use Light:	No

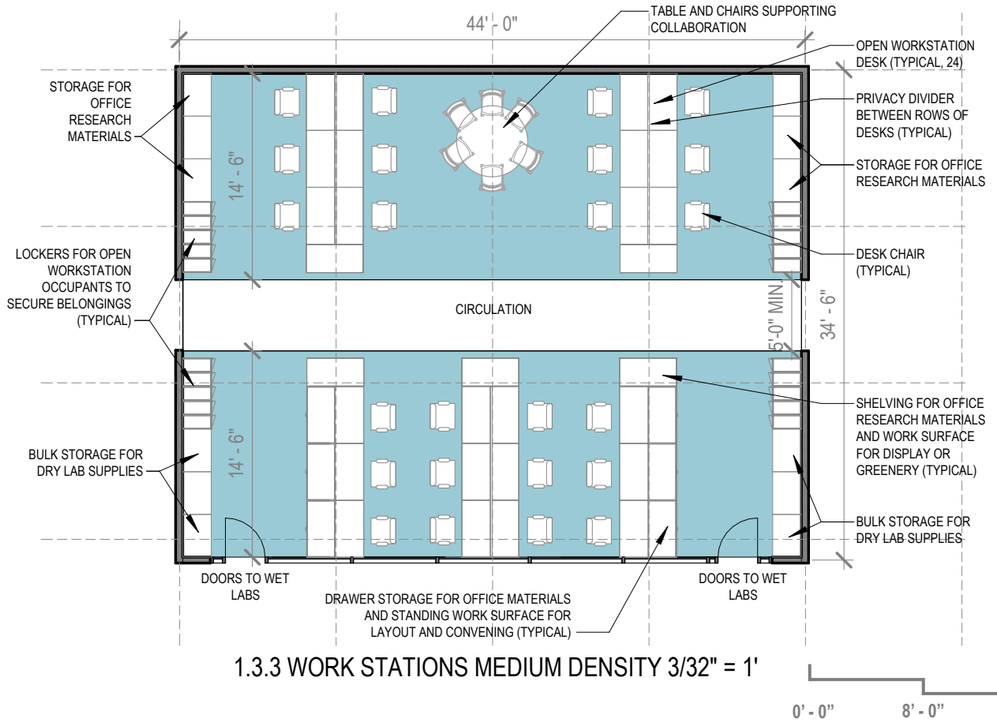
Plumbing:

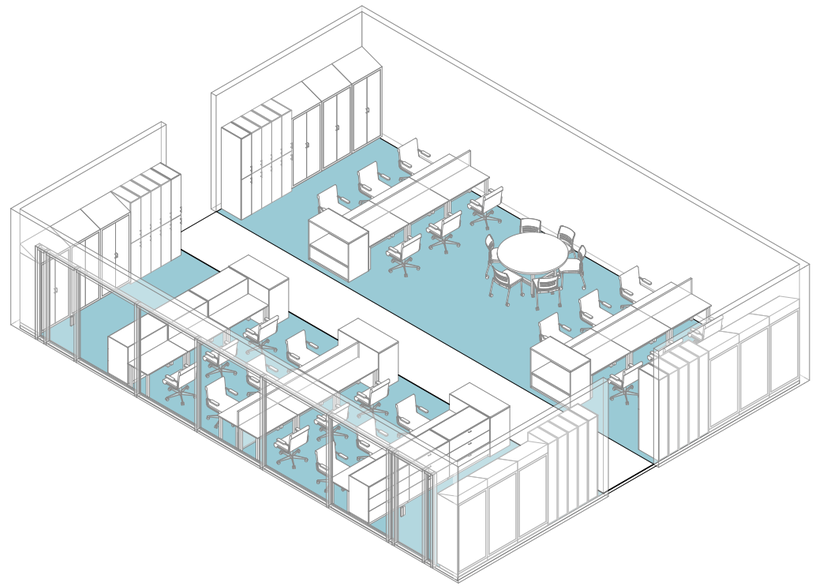
Water:	No
RO Water:	No
Eyewash:	No
Combo Eyewash/Shower:	No
Steam:	No
Compressed Air:	No
Vacuum:	No

Mechanical:

Temperature	70-72d F
Temperature Control:	(+/-) 2 degrees
Humidity:	50% RH Max
Pressurization:	Neutral or Positive
Air Changes:	N/A
Laminar Flow:	No
High/Low Ventilation:	No
Heat Load:	Low
Fume Hood:	No
Bio-Safety Cabinet:	No
Canopy Hood:	No
Point Exhaust:	No

1.3.3 | WORK STATIONS (MEDIUM DENSITY)





Room Data:

Department / Type:	Workstation
Notes:	N/A
Program Qty:	24 (x 8 nbhd)
Program NSF:	54 NSF
Program ASF:	10,368 ASF

Architectural:

Ceiling Height:	Min 9'
Ceiling:	Sound absorbing material (ie ACT)
Floors:	Sound absorbing material (ie Carpet TIle)
Walls:	GWB or Glass
Wall Finish:	Paint (low VOC)
Wall Base:	4" High Vinyl or Rubber
Doors (Material, Size, Rating):	WD or Glass
Door (Lite):	None
Door Frames:	HM
Door Hardware:	Mortise - office function
Shielding Criteria:	No
Acoustic Criteria:	Refer to Section 8.11
Fire Separation:	No
Natural Light:	Preferred
Exterior Window Treatment:	Address glare and sunlight

Fire Protection/Safety/Security:

Fire Supression System:	Sprinkler
Gas Leak Detection:	O2 Sensor
Video Camera:	No
Request to Exit Button:	No

AV/IT:

Intercom/Public Address:	No
Video Projector:	No
TV/Monitor/MATV:	TBD
Projection Screen:	No
Marker Board:	TBD
Sound System:	No
Data:	Yes

Electrical:

120V Normal Power:	Yes
208V Normal Power:	TBD
UPS Receptacles:	TBD
Lighting Level:	Min. 50 FC
Task Lighting	No
Emergency Shut-Off:	No
Light Control:	Dimmable, occupancy sensor
In-Use Light:	No

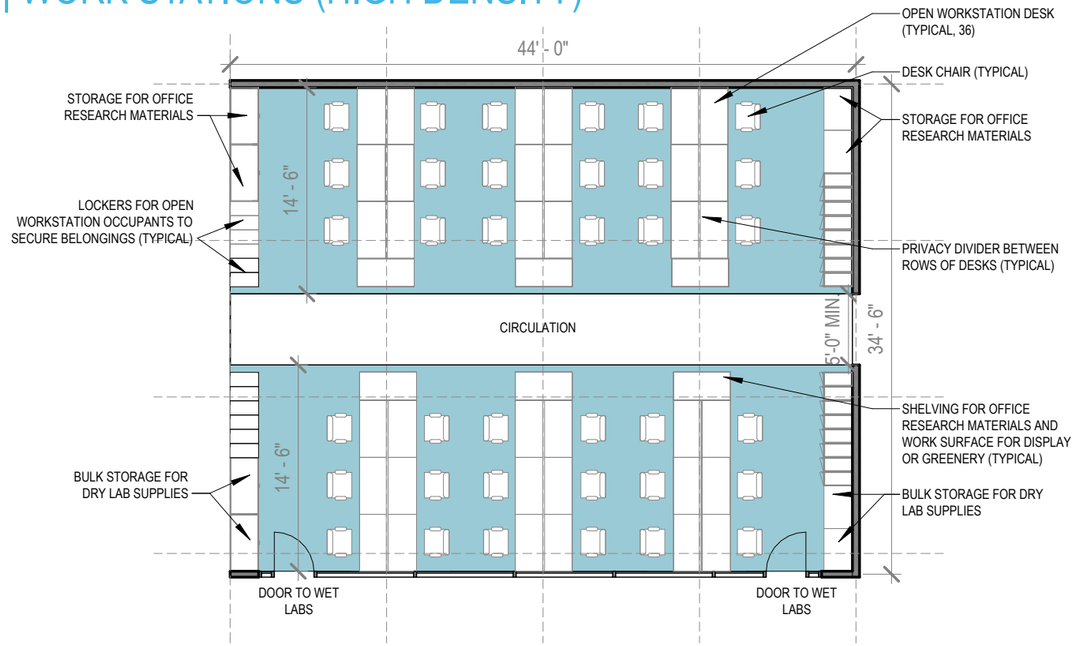
Plumbing:

Water:	No
RO Water:	No
Eyewash:	No
Combo Eyewash/Shower:	No
Eyewash/Shower Drain:	No
Steam:	No
Compressed Air:	No
Vacuum:	No

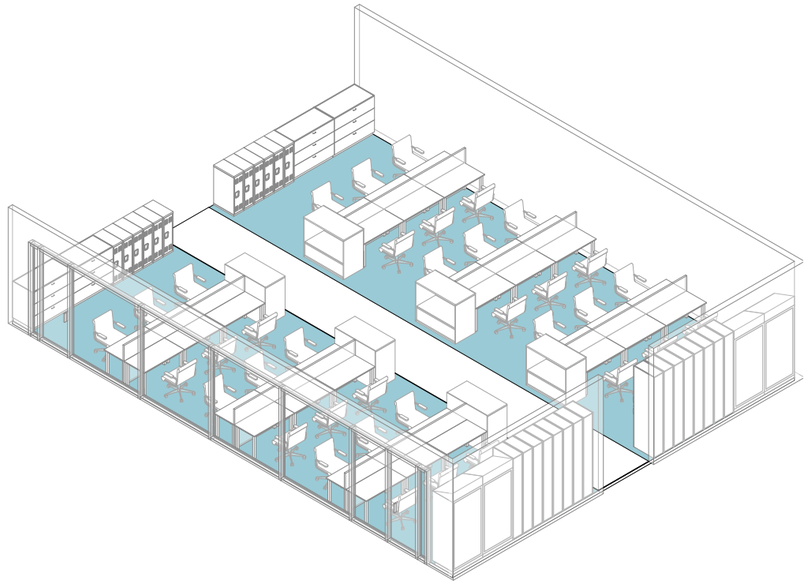
Mechanical:

Temperature	70-72d F
Temperature Control:	(+/-) 2 degrees
Humidity:	50% RH Max
Pressurization:	Neutral or Positive
Air Changes:	N/A
Laminar Flow:	No
High/Low Ventilation:	No
Heat Load:	Low
Fume Hood:	No
Bio-Safety Cabinet:	No
Canopy Hood:	No
Point Exhaust:	No

1.6.3 | WORK STATIONS (HIGH DENSITY)



1.6.3 WORK STATIONS HIGH DENSITY 3/32" = 1'



Room Data:

Department / Type:	Workstation
Notes:	N/A
Program Qty:	36 (x 3 nbhd)
Program NSF:	36 NSF
Program ASF:	3,888 ASF

Architectural:

Ceiling Height:	Min 9'
Ceiling:	Sound absorbing material (ie ACT)
Floors:	Sound absorbing material (ie Carpet TIle)
Walls:	GWB or Glass
Wall Finish:	Paint (low VOC)
Wall Base:	4" High Vinyl or Rubber
Doors (Material, Size, Rating):	WD or Glass
Door (Lite):	None
Door Frames:	HM
Door Hardware:	Mortise - office function
Shielding Criteria:	No
Acoustic Criteria:	Refer to Section 8.11
Fire Separation:	No
Natural Light:	Preferred
Exterior Window Treatment:	Address glare and sunlight

Fire Protection/Safety/Security:

Fire Supression System:	Sprinkler
Gas Leak Detection:	O2 Sensor
Video Camera:	No
Request to Exit Button:	No

AV/IT:

Intercom/Public Address:	No
Video Projector:	No
TV/Monitor/MATV:	TBD
Projection Screen:	No
Marker Board:	TBD
Sound System:	No
Data:	Yes

Electrical:

120V Normal Power:	Yes
208V Normal Power:	TBD
UPS Receptacles:	TBD
Lighting Level:	Min. 50 FC
Task Lighting	No
Emergency Shut-Off:	No
Light Control:	Dimmable, occupancy sensor
In-Use Light:	No

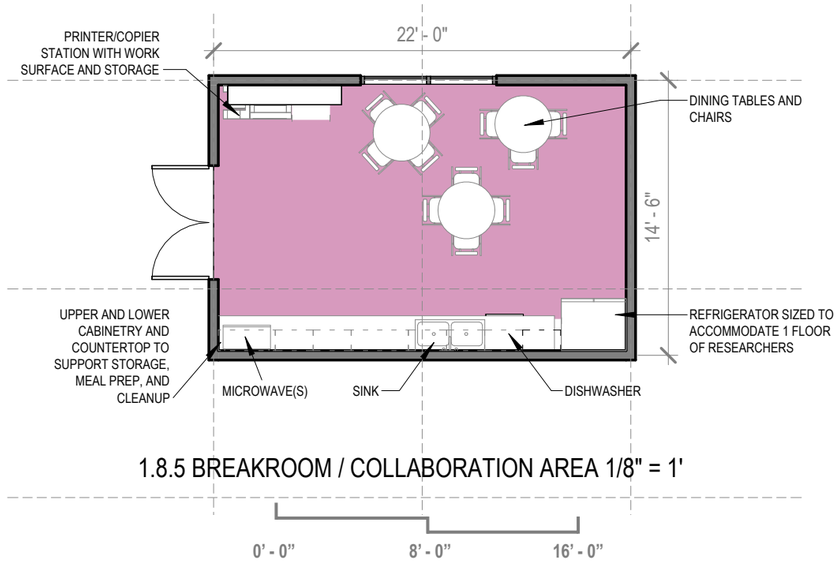
Plumbing:

Water:	No
RO Water:	No
Eyewash:	No
Combo Eyewash/Shower:	No
Eyewash/Shower Drain:	No
Steam:	No
Compressed Air:	No
Vacuum:	No

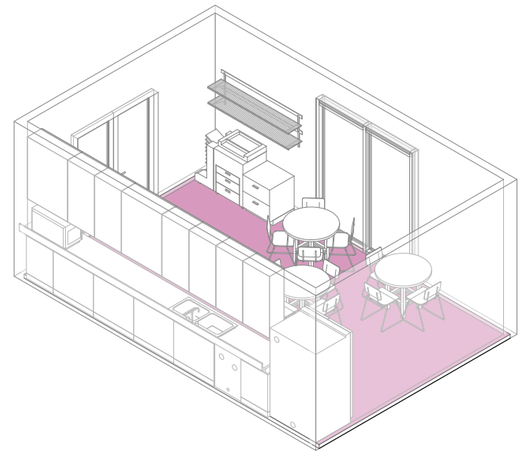
Mechanical:

Temperature	70-72d F
Temperature Control:	(+/-) 2 degrees
Humidity:	50% RH Max
Pressurization:	Neutral or Positive
Air Changes:	N/A
Laminar Flow:	No
High/Low Ventilation:	No
Heat Load:	Low
Fume Hood:	No
Bio-Safety Cabinet:	No
Canopy Hood:	No
Point Exhaust:	No

1.8.5 | BREAKROOM ROOM / COLLABORATION AREA



1.8.5 BREAKROOM / COLLABORATION AREA 1/8" = 1'



Room Data:

Department / Type:	Breakroom Room / Collaboration Area
Notes:	N/A
Program Qty:	4
Program NSF:	300 NSF
Program ASF:	1,200 ASF

Architectural:

Ceiling Height:	Min 9'
Ceiling:	ACT
Floors:	Resilient
Walls:	GWB (Impact Resistant to 4' AFF)
Wall Finish:	Durable, darker finishes/colors
Wall Base:	4" High Vinyl or Rubber
Doors (Material, Size, Rating):	WD
Door (Lite):	None
Door Frames:	HM
Door Hardware:	Mortise - Passage
Shielding Criteria:	No
Acoustic Criteria:	Refer to Section 8.11
Fire Separation:	No
Natural Light:	Not Required
Exterior Window Treatment:	None

Fire Protection/Safety/Security:

Fire Supression System:	Sprinkler
Gas Leak Detection:	O2 Sensor
Video Camera:	No
Request to Exit Button:	No

AV/IT:

Intercom/Public Address:	No
Video Projector:	No
TV/Monitor/MATV:	No
Projection Screen:	No
Marker Board:	No
Bulletin Board:	Yes
Sound System:	No
Data:	No

Electrical:

120V Normal Power:	Yes
208V Normal Power:	TBD
UPS Receptacles:	No
Lighting Level:	Min. 50 FC
Task Lighting	TBD
Emergency Shut-Off:	No
Light Control:	Dimmable, occupancy sensor
In-Use Light:	No

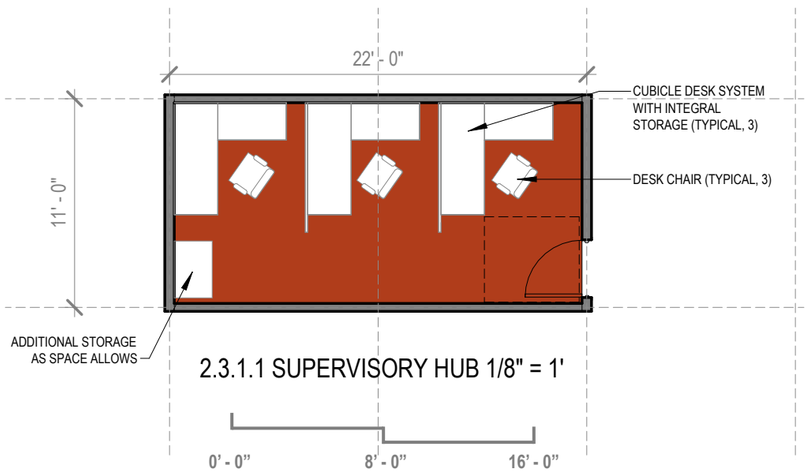
Plumbing:

Water:	Yes
RO Water:	No
Eyewash:	No
Combo Eyewash/Shower:	No
Eyewash/Shower Drain:	No
Steam:	No
Compressed Air:	No
Vacuum:	No

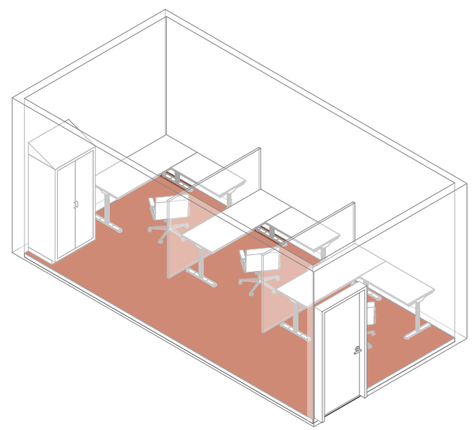
Mechanical:

Temperature	70-75d F
Temperature Control:	(+/-) 2 degrees
Humidity:	55% RH Max
Pressurization:	Negative
Air Changes:	N/A
Laminar Flow:	No
High/Low Ventilation:	No
Heat Load:	Low
Fume Hood:	No
Bio-Safety Cabinet:	No
Canopy Hood:	No
Point Exhaust:	No

2.3.1.1 | SUPERVISORY HUB



2.3.1.1 SUPERVISORY HUB 1/8" = 1'



Room Data:

Department / Type:	Supervisory Hub
Notes:	for Vivarium
Program Qty:	1
Program NSF:	242 NSF
Program ASF:	242 ASF

Architectural:

Ceiling Height:	Min 9'
Ceiling:	Sound absorbing material (ie ACT)
Floors:	Sound absorbing material (ie Carpet TIle)
Walls:	GWB or Glass
Wall Finish:	Paint (low VOC)
Wall Base:	4" High Vinyl or Rubber
Doors (Material, Size, Rating):	WD or Glass
Door (Lite):	None
Door Frames:	HM
Door Hardware:	Mortise - office function
Shielding Criteria:	No
Acoustic Criteria:	Refer to Section 8.11
Fire Separation:	No
Natural Light:	Preferred
Exterior Window Treatment:	Address glare and sunlight

Fire Protection/Safety/Security:

Fire Supression System:	Sprinkler
Gas Leak Detection:	O2 Sensor
Video Camera:	No
Request to Exit Button:	No

AV/IT:

Intercom/Public Address:	No
Video Projector:	No
TV/Monitor/MATV:	TBD
Projection Screen:	No
Marker Board:	TBD
Sound System:	No
Data:	Yes

Electrical:

120V Normal Power:	Yes
208V Normal Power:	TBD
UPS Receptacles:	TBD
Lighting Level:	Min. 50 FC
Task Lighting	No
Emergency Shut-Off:	No
Light Control:	Dimmable, occupancy sensor
In-Use Light:	No

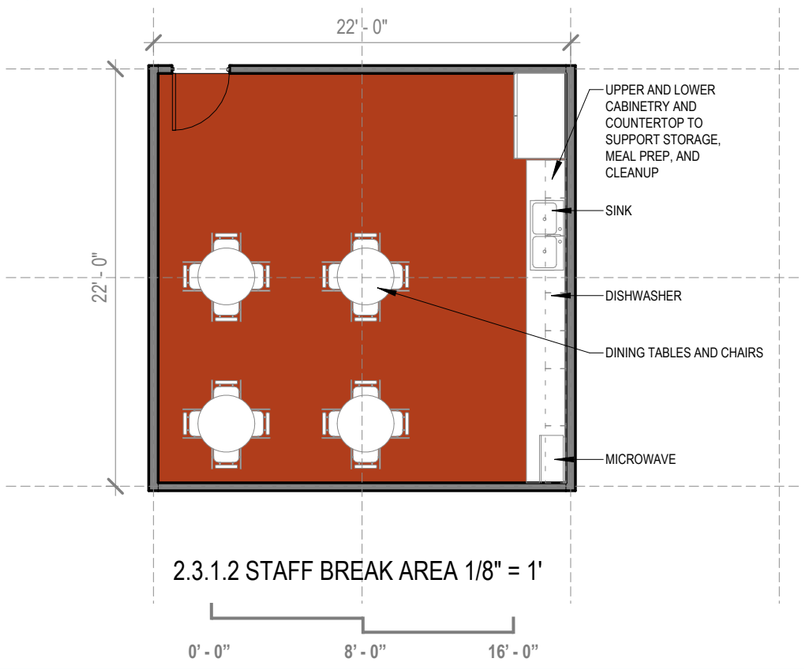
Plumbing:

Water:	No
RO Water:	No
Eyewash:	No
Combo Eyewash/Shower:	No
Eyewash/Shower Drain:	No
Steam:	No
Compressed Air:	No
Vacuum:	No

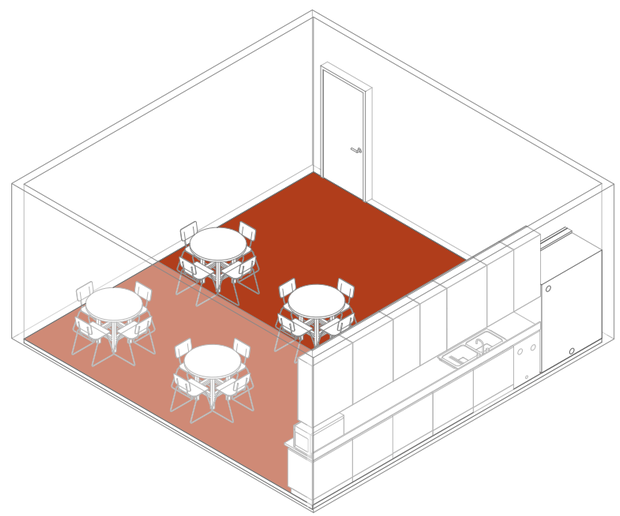
Mechanical:

Temperature	70-72d F
Temperature Control:	(+/-) 2 degrees
Humidity:	50% RH Max
Pressurization:	Neutral or Positive
Air Changes:	N/A
Laminar Flow:	No
High/Low Ventilation:	No
Heat Load:	Low
Fume Hood:	No
Bio-Safety Cabinet:	No
Canopy Hood:	No
Point Exhaust:	No

2.3.1.2 | STAFF BREAK AREA



2.3.1.2 STAFF BREAK AREA 1/8" = 1'



Room Data:

Department / Type:	Staff Break Area
Notes:	for Vivarium
Program Qty:	1
Program NSF:	484 NSF
Program ASF:	484 ASF

Architectural:

Ceiling Height:	Min 9'
Ceiling:	ACT
Floors:	Resilient
Walls:	GWB (Impact Resistant to 4' AFF)
Wall Finish:	Durable, darker finishes/colors
Wall Base:	4" High Vinyl or Rubber
Doors (Material, Size, Rating):	WD
Door (Lite):	None
Door Frames:	HM
Door Hardware:	Mortise - Passage
Shielding Criteria:	No
Acoustic Criteria:	Refer to Section 8.11
Fire Separation:	No
Natural Light:	Not Required
Exterior Window Treatment:	None

Fire Protection/Safety/Security:

Fire Supression System:	Sprinkler
Gas Leak Detection:	O2 Sensor
Video Camera:	No
Request to Exit Button:	No

AV/IT:

Intercom/Public Address:	No
Video Projector:	No
TV/Monitor/MATV:	No
Projection Screen:	No
Marker Board:	No
Bulletin Board:	Yes
Sound System:	No
Data:	No

Electrical:

120V Normal Power:	Yes
208V Normal Power:	TBD
UPS Receptacles:	No
Lighting Level:	Min. 50 FC
Task Lighting	TBD
Emergency Shut-Off:	No
Light Control:	Dimmable, occupancy sensor
In-Use Light:	No

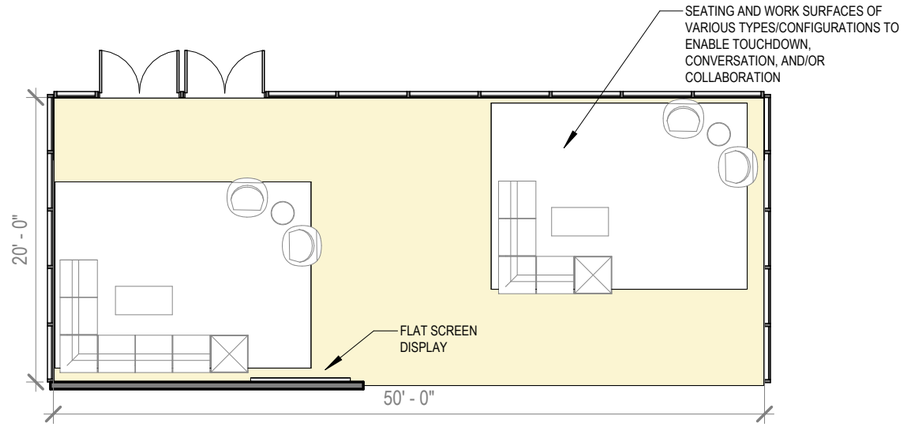
Plumbing:

Water:	Yes
RO Water:	No
Eyewash:	No
Combo Eyewash/Shower:	No
Eyewash/Shower Drain:	No
Steam:	No
Compressed Air:	No
Vacuum:	No

Mechanical:

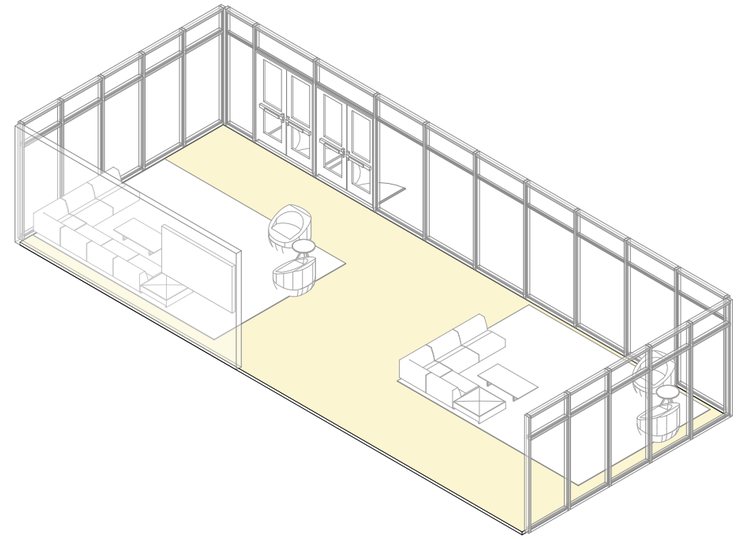
Temperature	70-75d F
Temperature Control:	(+/-) 2 degrees
Humidity:	55% RH Max
Pressurization:	Negative
Air Changes:	N/A
Laminar Flow:	No
High/Low Ventilation:	No
Heat Load:	Low
Fume Hood:	No
Bio-Safety Cabinet:	No
Canopy Hood:	No
Point Exhaust:	No

3.1.1 | LOBBY/RECEPTION - SOUTH



3.1.1 LOBBY/RECEPTION - SOUTH 3/32" = 1'

0' - 0" 8' - 0" 16' - 0"



Room Data:

Department / Type:	Lobby/Reception
Notes:	North + South
Program Qty:	2
Program NSF:	1,000 NSF
Program ASF:	2,000 ASF

Architectural:

Ceiling Height:	Maximize height
Ceiling:	ACT or Unique Ceiling Solution
Floors:	Resilient, Terrazzo, Epoxy, or Carpet Tile, Note: flush transitions preferred
Walls:	GWB (Impact Resistant) and Glass
Wall Finish:	Separate, Durable Color/Material/Pattern
Wall Base:	Depends on Floor Selected
Doors (Material, Size, Rating):	Glass (maximize transparency)
Door (Lite):	Full
Door Frames:	Aluminum
Door Hardware:	Exit Device
Shielding Criteria:	No
Acoustic Criteria:	Refer to Section 8.11
Fire Separation:	No
Natural Light:	Yes
Exterior Window Treatment:	Address glare and sunlight

Fire Protection/Safety/Security:

Fire Supression System:	Sprinkler
Gas Leak Detection:	O2 Sensor
Video Camera:	Yes
Request to Exit Button:	Yes

AV/IT:

Intercom/Public Address:	No
Video Projector:	No
TV/Monitor/MATV:	Display Monitor
Projection Screen:	No
Marker Board:	No
Sound System:	Yes
Data:	Yes

Electrical:

120V Normal Power:	Yes
208V Normal Power:	No
UPS Receptacles:	No
Lighting Level:	Between 20 and 70 FC @ Informal Learning Space, 10-25 FC in Rest of Lobby
Task Lighting	Above Informal Learning Spaces As Needed
Emergency Shut-Off:	No
Light Control:	Dimmable, occupancy sensor
In-Use Light:	No

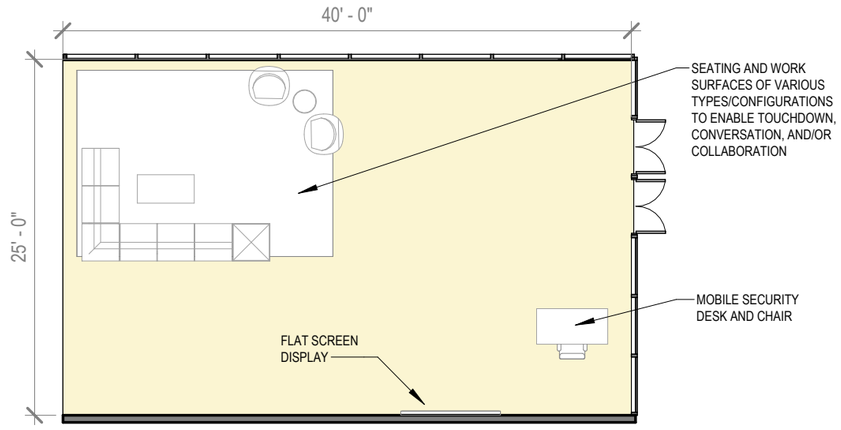
Plumbing:

Water:	No
RO Water:	No
Eyewash:	No
Combo Eyewash/Shower:	No
Eyewash/Shower Drain:	No
Steam:	No
Compressed Air:	No
Vacuum:	No

Mechanical:

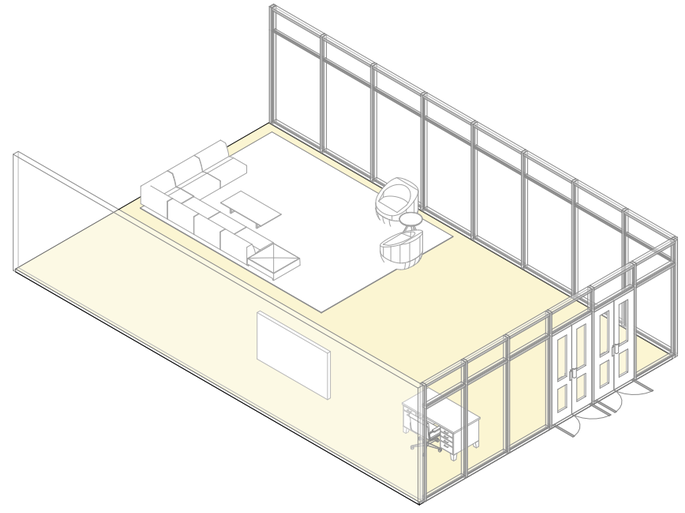
Temperature	70-75d F
Temperature Control:	(+/-) 2 degrees
Humidity:	60% RH Max
Pressurization:	Positive
Air Changes:	N/A
Laminar Flow:	No
High/Low Ventilation:	No
Heat Load:	Low
Fume Hood:	No
Bio-Safety Cabinet:	No
Canopy Hood:	No
Point Exhaust:	No

3.1.2 | LOBBY / RECEPTION - NORTH



3.1.2 LOBBY/RECEPTION - NORTH 3/32" = 1'

0' - 0" 8' - 0" 16' - 0"



Room Data:

Department / Type:	Lobby/Reception
Notes:	North + South
Program Qty:	2
Program NSF:	1,000 NSF
Program ASF:	2,000 ASF

Architectural:

Ceiling Height:	Maximize height
Ceiling:	ACT or Unique Ceiling Solution
Floors:	Resilient, Terrazzo, Epoxy, or Carpet Tile, Note: flush transitions preferred
Walls:	GWB (Impact Resistant) and Glass
Wall Finish:	Separate, Durable Color/Material/Pattern
Wall Base:	Depends on Floor Selected
Doors (Material, Size, Rating):	Glass (maximize transparency)
Door (Lite):	Full
Door Frames:	Aluminum
Door Hardware:	Exit Device
Shielding Criteria:	No
Acoustic Criteria:	Refer to Section 8.11
Fire Separation:	No
Natural Light:	Yes
Exterior Window Treatment:	Address glare and sunlight

Fire Protection/Safety/Security:

Fire Supression System:	Sprinkler
Gas Leak Detection:	O2 Sensor
Video Camera:	Yes
Request to Exit Button:	Yes

AV/IT:

Intercom/Public Address:	No
Video Projector:	No
TV/Monitor/MATV:	Display Monitor
Projection Screen:	No
Marker Board:	No
Sound System:	Yes
Data:	Yes

Electrical:

120V Normal Power:	Yes
208V Normal Power:	No
UPS Receptacles:	No
Lighting Level:	Between 20 and 70 FC @ Informal Learning Space, 10-25 FC in Rest of Lobby
Task Lighting	Above Informal Learning Spaces As Needed
Emergency Shut-Off:	No
Light Control:	Dimmable, occupancy sensor
In-Use Light:	No

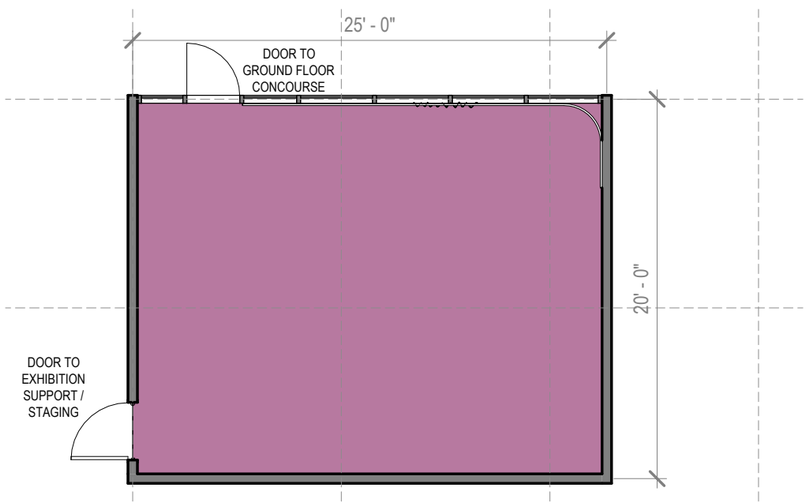
Plumbing:

Water:	No
RO Water:	No
Eyewash:	No
Combo Eyewash/Shower:	No
Eyewash/Shower Drain:	No
Steam:	No
Compressed Air:	No
Vacuum:	No

Mechanical:

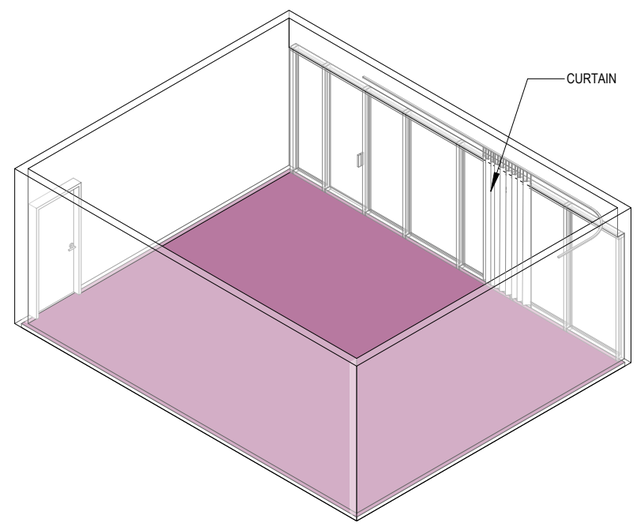
Temperature	70-75d F
Temperature Control:	(+/-) 2 degrees
Humidity:	60% RH Max
Pressurization:	Positive
Air Changes:	N/A
Laminar Flow:	No
High/Low Ventilation:	No
Heat Load:	Low
Fume Hood:	No
Bio-Safety Cabinet:	No
Canopy Hood:	No
Point Exhaust:	No

3.2.1 | EXHIBITION



3.2.1 EXHIBITION 1/8" = 1'

0' - 0" 8' - 0" 16' - 0"



Room Data:

Department / Type:	Exhibition
Notes:	N/A
Program Qty:	1
Program NSF:	500 NSF
Program ASF:	500 ASF

Architectural:

Ceiling Height:	Maximize height
Ceiling:	ACT or Specialty
Floors:	Resilient, Terrazzo, Epoxy, or Carpeting
Walls:	GWB (Impact Resistant) and Glass
Wall Finish:	Paint (low VOC)
Wall Base:	Depends on Floor Selected
Doors (Material, Size, Rating):	WD or Glass
Door (Lite):	None
Door Frames:	HM
Door Hardware:	Mortise
Shielding Criteria:	No
Acoustic Criteria:	Refer to Section 8.11
Fire Separation:	No
Natural Light:	Not required
Exterior Window Treatment:	Curtain

Fire Protection/Safety/Security:

Fire Supression System:	Sprinkler
Gas Leak Detection:	O2 Sensor
Video Camera:	No
Request to Exit Button:	No

AV/IT:

Intercom/Public Address:	No
Video Projector:	Yes
TV/Monitor/MATV:	Yes
Projection Screen:	Yes
Marker Board:	No
Sound System:	Yes
Data:	Yes

Electrical:

120V Normal Power:	Yes
208V Normal Power:	TBD
UPS Receptacles:	No
Lighting Level:	TBD
Task Lighting	TBD
Emergency Shut-Off:	No
Light Control:	Dimmable, occupancy sensor
In-Use Light:	No

Plumbing:

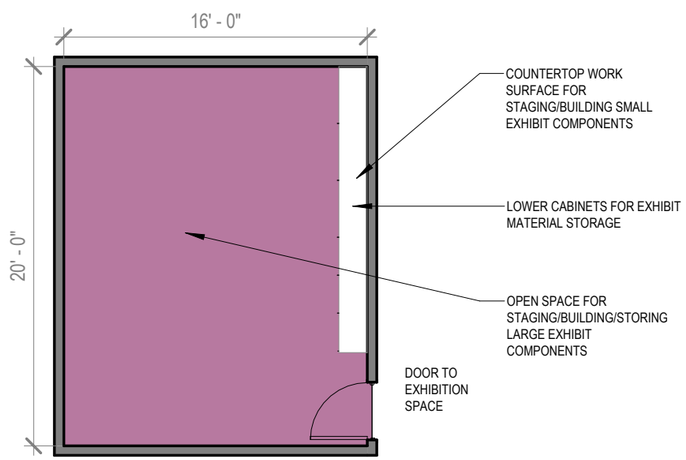
Water:	No
RO Water:	No
Eyewash:	No
Combo Eyewash/Shower:	No
Eyewash/Shower Drain:	No
Steam:	No
Compressed Air:	No
Vacuum:	No

Mechanical:

Temperature	70-75d F
Temperature Control:	(+/-) 2 degrees
Humidity:	50% RH Max
Pressurization:	N/A
Air Changes:	N/A
Laminar Flow:	No
High/Low Ventilation:	No
Heat Load:	Medium
Fume Hood:	No
Bio-Safety Cabinet:	No
Canopy Hood:	No
Point Exhaust:	No

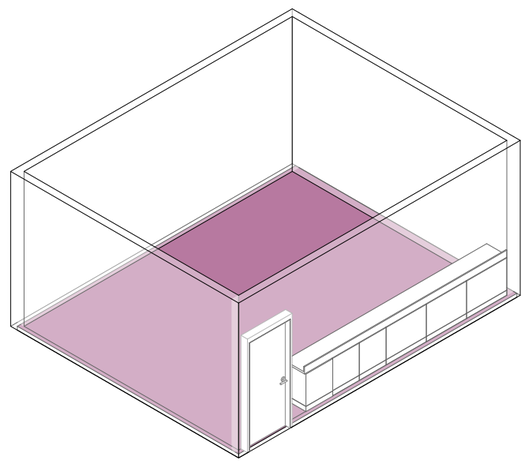
Additional Needs:	Green Screen, Sound Proof

3.2.2 | EXHIBITION SUPPORT/STAGING



3.2.2 EXHIBITION SUPPORT/ STAGING 1/8" = 1'

0' - 0" 8' - 0" 16' - 0"



Room Data:

Department / Type:	Exhibition Support
Notes:	N/A
Program Qty:	1
Program NSF:	320 NSF
Program ASF:	320 ASF

Architectural:

Ceiling Height:	Min 9'
Ceiling:	ACT or Specialty
Floors:	Resilient, Terrazzo, Epoxy, or Carpeting
Walls:	GWB (Impact Resistant)
Wall Finish:	Paint (low VOC)
Wall Base:	Depends on Floor Selected
Doors (Material, Size, Rating):	WD
Door (Lite):	None
Door Frames:	HM
Door Hardware:	Mortise - Storage Function
Shielding Criteria:	No
Acoustic Criteria:	Refer to Section 8.11
Fire Separation:	No
Natural Light:	No
Exterior Window Treatment:	Not Applicable

Fire Protection/Safety/Security:

Fire Supression System:	Sprinkler
Gas Leak Detection:	O2 Sensor
Video Camera:	No
Request to Exit Button:	No

AV/IT:

Intercom/Public Address:	No
Video Projector:	No
TV/Monitor/MATV:	No
Projection Screen:	No
Marker Board:	No
Sound System:	No
Data:	No

Electrical:

120V Normal Power:	Yes
208V Normal Power:	No
UPS Receptacles:	No
Lighting Level:	Avg of 10-30 FC
Task Lighting	No
Emergency Shut-Off:	No
Light Control:	Occupancy sensor
In-Use Light:	No

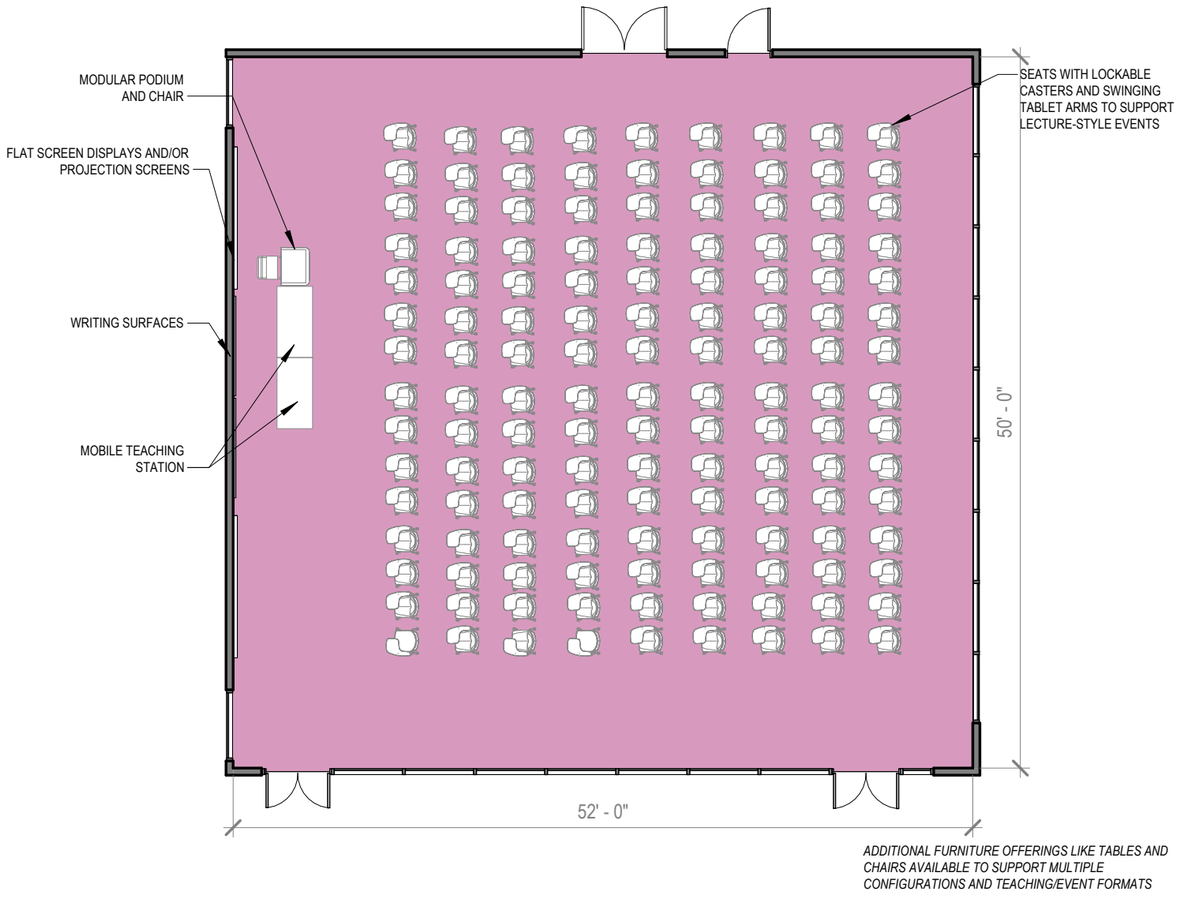
Plumbing:

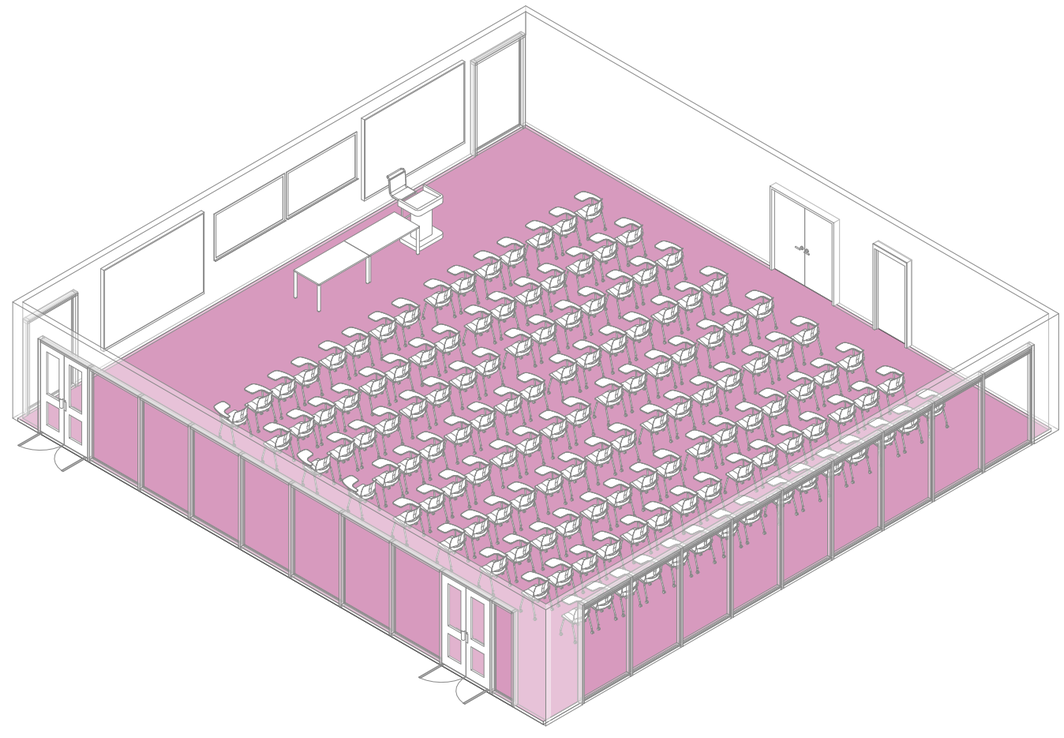
Water:	No
RO Water:	No
Eyewash:	No
Combo Eyewash/Shower:	No
Eyewash/Shower Drain:	No
Steam:	No
Compressed Air:	No
Vacuum:	No

Mechanical:

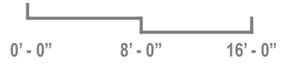
Temperature	65-80d F
Temperature Control:	(+/-) 2 degrees
Humidity:	N/A
Pressurization:	N/A
Air Changes:	N/A
Laminar Flow:	No
High/Low Ventilation:	No
Heat Load:	Low
Fume Hood:	No
Bio-Safety Cabinet:	No
Canopy Hood:	No
Point Exhaust:	No

3.3.1 | MULTI-PURPOSE ROOM & LECTURE HALL





3.3.1 MULTI PURPOSE ROOM & LECTURE HALL 3/32 = 1'



3.3.1 | MULTI-PURPOSE ROOM & LECTURE HALL (CONTINUED)

Room Data:

Department / Type:	Multi-Purpose Room
Notes:	Multi-Purpose Room / Lecture Hall
Program Qty:	1
Program NSF:	2,600 NSF
Program ASF:	2,600 ASF

Architectural:

Ceiling Height:	Maximize height
Ceiling:	ACT tiles or panels, 16" dropped ceiling airspace or large measured form above ceiling to underside of structure
Floors:	Resilient Floor (Basis of Design: Quartz Tile, refer to UIC Learning Space Design Standards, Rubber tile may be preferred if there are acoustical/durability requirements)
Walls:	GWB (Impact Resistant to 4' AFF) and Glass, Note: Demountable/Interior architecture wall systems may be used
Wall Finish:	Acoustic Panels (Above 7' on Walls)
Wall Base:	4" Rubber (If Resilient Floor)
Doors (Material, Size, Rating):	WD, Min. 36" wide per door leaf
Door (Lite):	Vision panel of shatterproof glass to match the fire-rating of the door, with acoustically rated seals <100 square inches positioned to meet ADA standards. Side light adjacent to door is acceptable for vision panel.
Door Frames:	HM with semi-gloss paint
Door Hardware:	Concave wall bumper, silent openers and closers, no transfer grilles, no center strike mullion at double doors
Shielding Criteria:	No
Acoustic Criteria:	Refer to Section 8.11
Fire Separation:	TBD
Natural Light:	Yes
Exterior Window Treatment:	Mecho-Shades with Lutron Controls

Fire Protection/Safety/Security:

Fire Supression System:	Sprinkler
Gas Leak Detection:	O2 Sensor
Video Camera:	Yes
Request to Exit Button:	No

AV/IT:

Intercom/Public Address:	No
Video Projector:	Yes
TV/Monitor/MATV:	Yes
Projection Screen:	Yes
Marker Board:	Yes
Sound System:	Yes
Data:	Yes

Electrical:

120V Normal Power:	Yes; power made available to all room occupants throughout space (solutions may include floorboxes and/or furniture-integration)
208V Normal Power:	TBD
UPS Receptacles:	TBD
Lighting Level:	40-50 FC; Emergency light setting should isolate emergency light radiation away from the projection screen.
Task Lighting	TBD
Emergency Shut-Off:	No
Light Control:	360 Degree Occupancy Sensor that turns lights on to 50% power upon entry, and control at the IML control panel with preset scenes: All On, Presentation, Video, All Off.
In-Use Light:	No

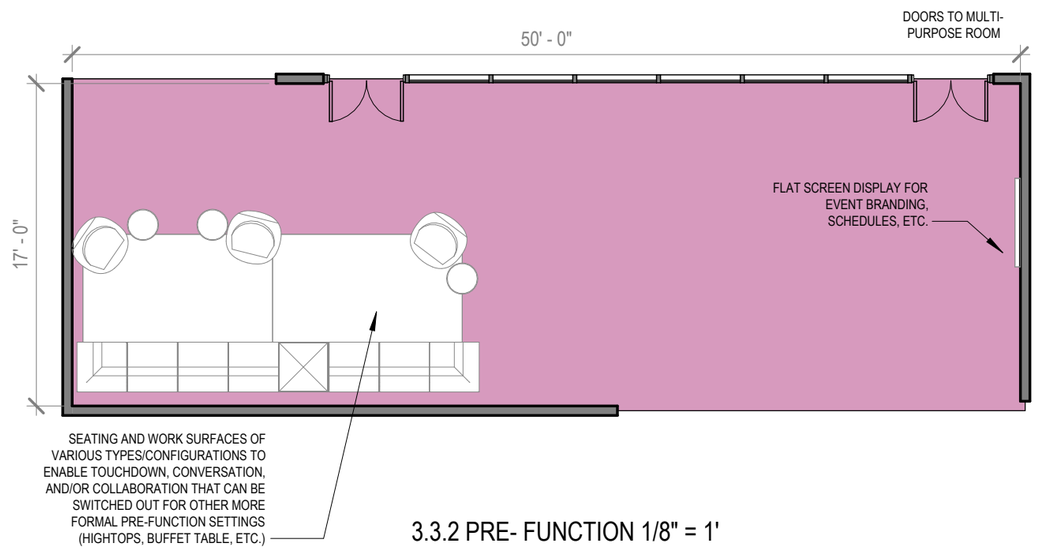
Plumbing:

Water:	No
RO Water:	No
Eyewash:	No
Combo Eyewash/Shower:	No
Eyewash/Shower Drain:	No
Steam:	No
Compressed Air:	No
Vacuum:	No

Mechanical:

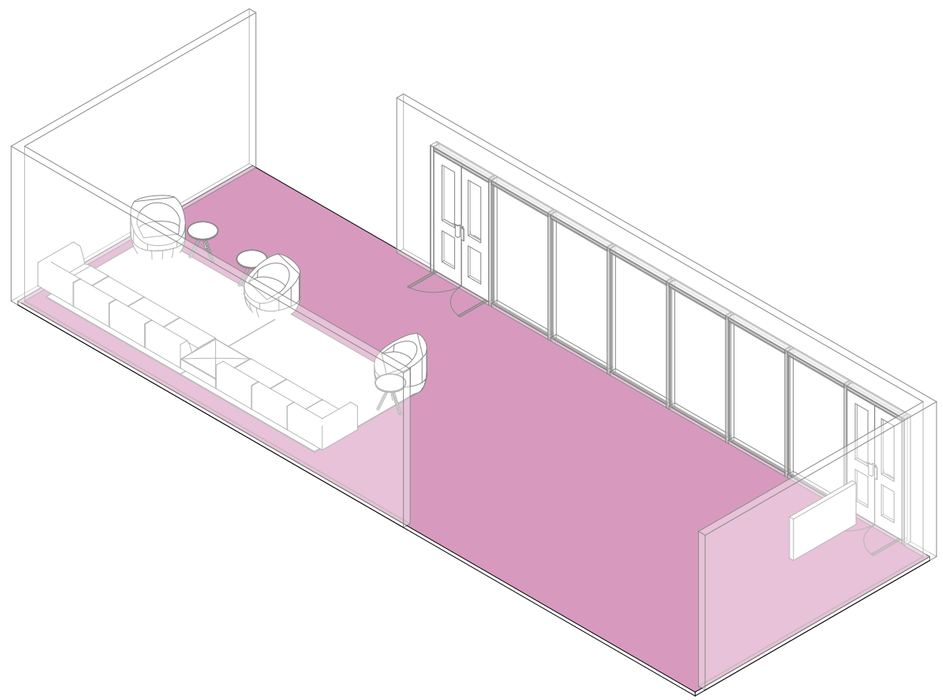
Temperature	71d to 75d F
Temperature Control:	(+/-) 2 degrees
Humidity:	60% RH max
Pressurization:	Neutral or Positive
Air Changes:	N/A
Laminar Flow:	No
High/Low Ventilation:	No
Heat Load:	Medium
Fume Hood:	No
Bio-Safety Cabinet:	No
Canopy Hood:	No
Point Exhaust:	No

3.3.2 | PRE-FUNCTION



3.3.2 PRE- FUNCTION 1/8" = 1'

0' - 0" 8' - 0" 16' - 0"



Room Data:

Department / Type:	Pre-Function
Notes:	N/A
Program Qty:	1
Program NSF:	850 NSF
Program ASF:	850 ASF

Architectural:

Ceiling Height:	Maximize height
Ceiling:	ACT or Unique Ceiling Solution
Floors:	Carpet Tile (non-directional or organic patterns)
Walls:	GWB (Impact Resistant to 4' AFF) and Glass
Wall Finish:	Separate, Durable Color/Material/Pattern for Informal Learning Space
Wall Base:	Depends on Floor Selected
Doors (Material, Size, Rating):	N/A
Door (Lite):	N/A
Door Frames:	N/A
Door Hardware:	N/A
Shielding Criteria:	No
Acoustic Criteria:	Refer to Section 8.11
Fire Separation:	No
Natural Light:	Yes
Exterior Window Treatment:	Address glare and sunlight

Fire Protection/Safety/Security:

Fire Supression System:	Sprinkler
Gas Leak Detection:	O2 Sensor
Video Camera:	Yes
Request to Exit Button:	No

AV/IT:

Intercom/Public Address:	No
Video Projector:	No
TV/Monitor/MATV:	No
Projection Screen:	No
Marker Board:	No
Sound System:	No
Data:	No

Electrical:

120V Normal Power:	Yes
208V Normal Power:	No
UPS Receptacles:	No
Lighting Level:	Between 20 and 70 FC @ Informal Learning Space
Task Lighting	Above Informal Learning Spaces As Needed
Emergency Shut-Off:	No
Light Control:	Dimmable, occupancy sensor
In-Use Light:	No

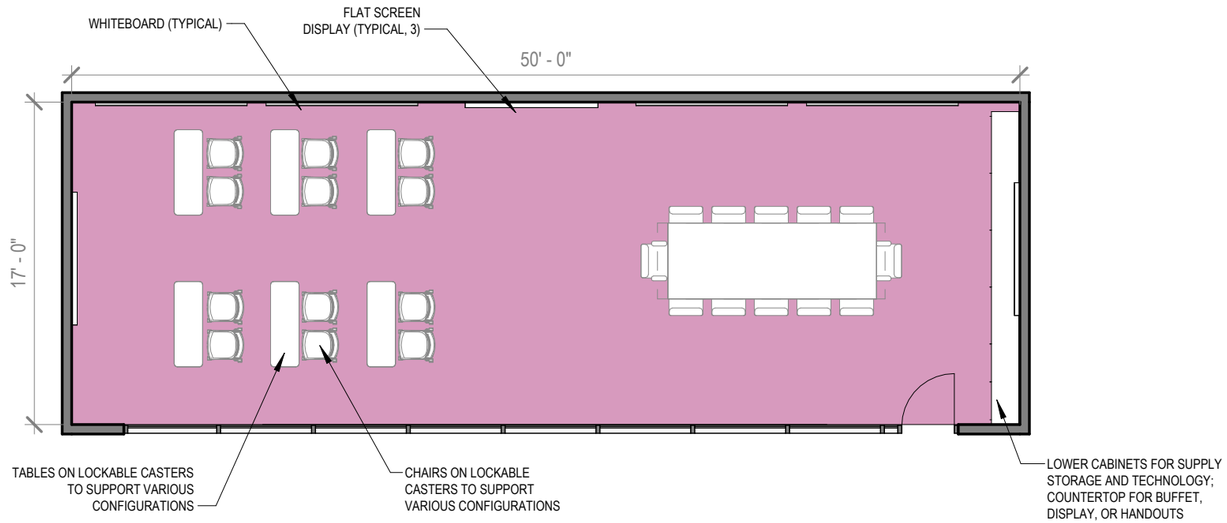
Plumbing:

Water:	No
RO Water:	No
Eyewash:	No
Combo Eyewash/Shower:	No
Eyewash/Shower Drain:	No
Steam:	No
Compressed Air:	No
Vacuum:	No

Mechanical:

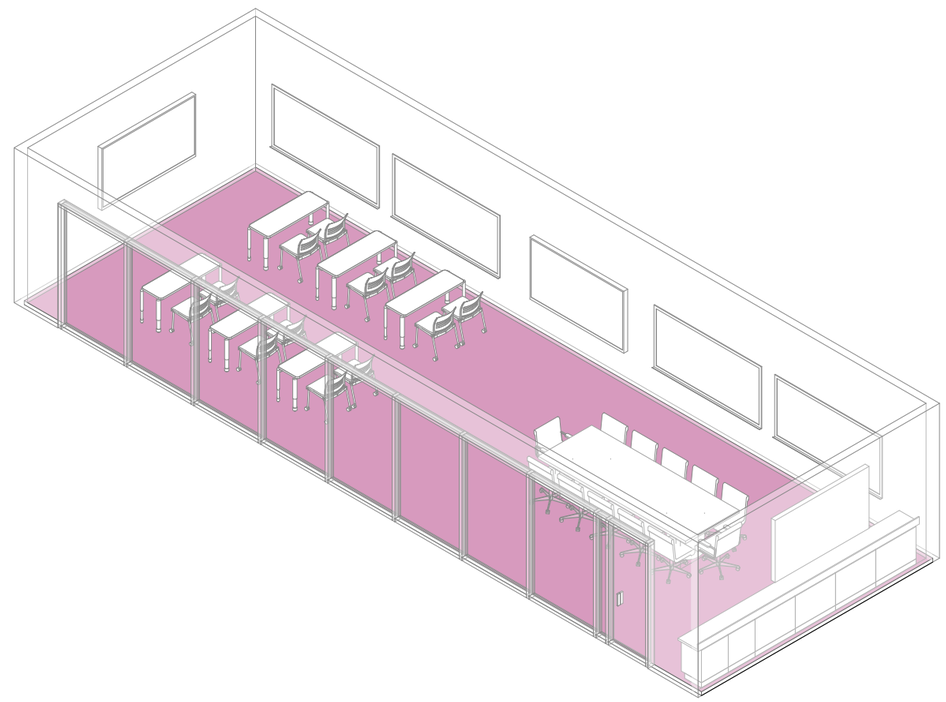
Temperature	70d to 75d F
Temperature Control:	(+/-) 2 degrees
Humidity:	60% RH max
Pressurization:	N/A
Air Changes:	N/A
Laminar Flow:	No
High/Low Ventilation:	No
Heat Load:	Medium
Fume Hood:	No
Bio-Safety Cabinet:	No
Canopy Hood:	No
Point Exhaust:	No

3.3.3 | CONFERENCE, EXTRA LARGE (SMALL MULTI-PURPOSE ROOM)



3.3.3 CONFERENCE XL, SMALL MULTI-PURPOSE ROOM 1/8" = 1'

0' - 0" 8' - 0" 16' - 0"



Room Data:

Department / Type:	Conference, XL
Notes:	N/A
Program Qty:	1
Program NSF:	850 NSF
Program ASF:	850 ASF

Architectural:

Ceiling Height:	Min 9'
Ceiling:	Sound absorbing material (ie ACT)
Floors:	Sound absorbing material (ie Carpet TIle)
Walls:	GWB or Glass
Wall Finish:	Durable, darker finishes/colors
Wall Base:	Depends on Floor Selected
Doors (Material, Size, Rating):	WD or Glass
Door (Lite):	None
Door Frames:	HM
Door Hardware:	Exit Device or Mortise
Shielding Criteria:	No
Acoustic Criteria:	Refer to Section 8.11
Fire Separation:	No
Natural Light:	Not required
Exterior Window Treatment:	Address glare and sunlight

Fire Protection/Safety/Security:

Fire Supression System:	Sprinkler
Gas Leak Detection:	O2 Sensor
Video Camera:	No
Request to Exit Button:	No

AV/IT:

Intercom/Public Address:	No
Video Projector:	TBD
TV/Monitor/MATV:	Display Monitor
Projection Screen:	TBD
Marker Board:	Yes
Sound System:	TBD
Data:	Yes

Electrical:

120V Normal Power:	Yes
208V Normal Power:	TBD
UPS Receptacles:	No
Lighting Level:	Min. 50 FC
Task Lighting	No
Emergency Shut-Off:	No
Light Control:	Dimmable, occupancy sensor
In-Use Light:	No

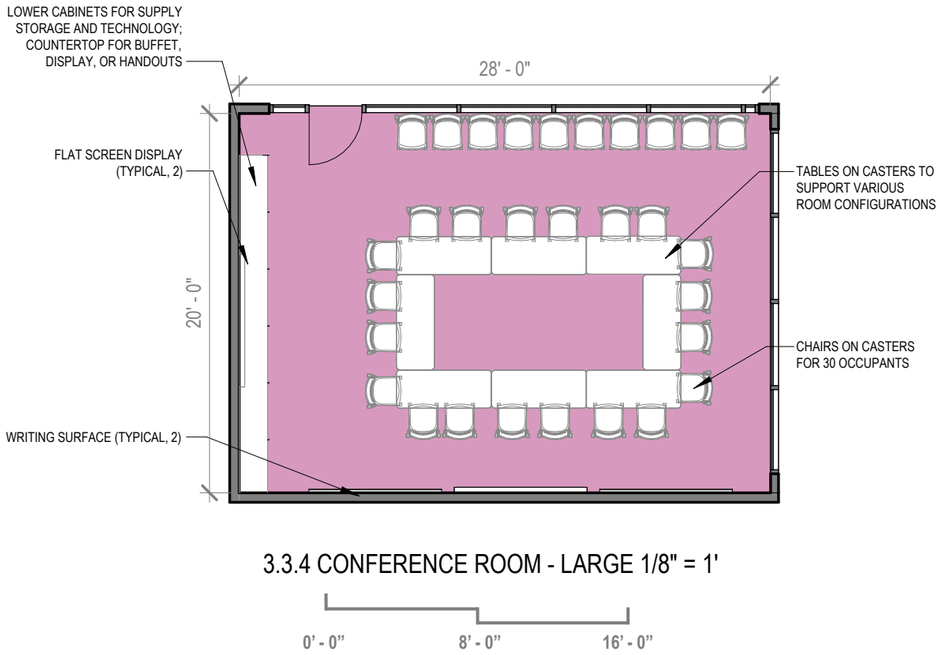
Plumbing:

Water:	No
RO Water:	No
Eyewash:	No
Combo Eyewash/Shower:	No
Eyewash/Shower Drain:	No
Steam:	No
Compressed Air:	No
Vacuum:	No

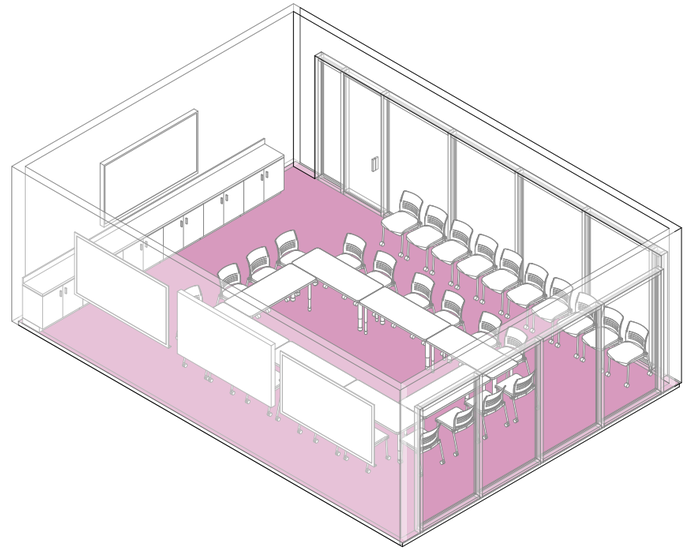
Mechanical:

Temperature	70-72d F
Temperature Control:	(+/-) 2 degrees
Humidity:	50% RH Max
Pressurization:	Neutral or Positive
Air Changes:	N/A
Laminar Flow:	No
High/Low Ventilation:	No
Heat Load:	Low
Fume Hood:	No
Bio-Safety Cabinet:	No
Canopy Hood:	No
Point Exhaust:	No

3.3.4 | CONFERENCE, LARGE



3.3.4 CONFERENCE ROOM - LARGE 1/8" = 1'



Room Data:

Department / Type:	Conference, Large
Notes:	N/A
Program Qty:	1
Program NSF:	560 NSF
Program ASF:	450 ASF

Architectural:

Ceiling Height:	Min 9'
Ceiling:	Sound absorbing material (ie ACT)
Floors:	Sound absorbing material (ie Carpet TIle)
Walls:	GWB or Glass
Wall Finish:	Durable, darker finishes/colors
Wall Base:	Depends on Floor Selected
Doors (Material, Size, Rating):	WD or Glass
Door (Lite):	None
Door Frames:	HM
Door Hardware:	Exit Device or Mortise
Shielding Criteria:	No
Acoustic Criteria:	Refer to Section 8.11
Fire Separation:	No
Natural Light:	Not required
Exterior Window Treatment:	Address glare and sunlight

Fire Protection/Safety/Security:

Fire Supression System:	Sprinkler
Gas Leak Detection:	O2 Sensor
Video Camera:	No
Request to Exit Button:	No

AV/IT:

Intercom/Public Address:	No
Video Projector:	TBD
TV/Monitor/MATV:	Display Monitor
Projection Screen:	TBD
Marker Board:	Yes
Sound System:	TBD
Data:	Yes

Electrical:

120V Normal Power:	Yes
208V Normal Power:	TBD
UPS Receptacles:	No
Lighting Level:	Min. 50 FC
Task Lighting	No
Emergency Shut-Off:	No
Light Control:	Dimmable, occupancy sensor
In-Use Light:	No

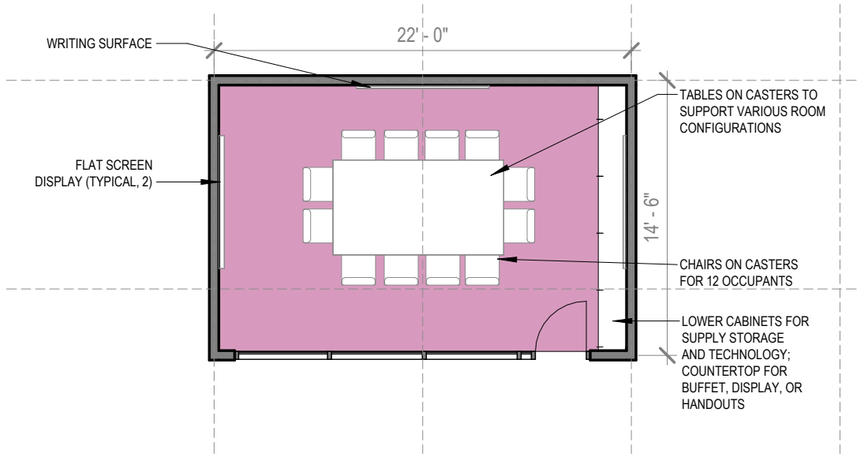
Plumbing:

Water:	No
RO Water:	No
Eyewash:	No
Combo Eyewash/Shower:	No
Eyewash/Shower Drain:	No
Steam:	No
Compressed Air:	No
Vacuum:	No

Mechanical:

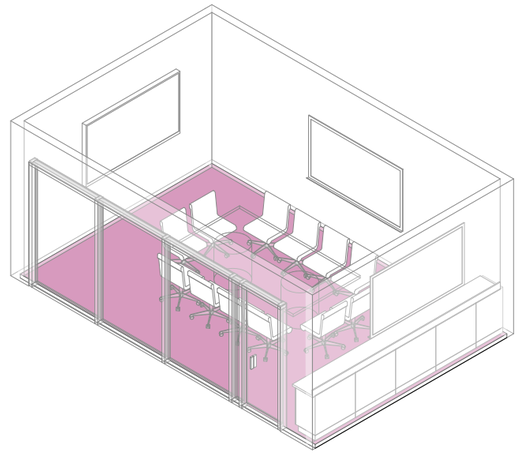
Temperature	70-72d F
Temperature Control:	(+/-) 2 degrees
Humidity:	50% RH Max
Pressurization:	Neutral or Positive
Air Changes:	N/A
Laminar Flow:	No
High/Low Ventilation:	No
Heat Load:	Low
Fume Hood:	No
Bio-Safety Cabinet:	No
Canopy Hood:	No
Point Exhaust:	No

3.3.5 | CONFERENCE, MEDIUM



3.3.5 CONFERENCE ROOM MEDIUM 1/8" = 1'

0' - 0" 8' - 0" 16' - 0"



Room Data:

Department / Type:	Conference, Medium
Notes:	N/A
Program Qty:	7
Program NSF:	300 NSF
Program ASF:	2,100 ASF

Architectural:

Ceiling Height:	Min 9'
Ceiling:	Sound absorbing material (ie ACT)
Floors:	Sound absorbing material (ie Carpet TIle)
Walls:	GWB or Glass
Wall Finish:	Durable, darker finishes/colors
Wall Base:	Depends on Floor Selected
Doors (Material, Size, Rating):	WD or Glass
Door (Lite):	None
Door Frames:	HM
Door Hardware:	Exit Device or Mortise
Shielding Criteria:	No
Acoustic Criteria:	Refer to Section 8.11
Fire Separation:	No
Natural Light:	Not required
Exterior Window Treatment:	Address glare and sunlight

Fire Protection/Safety/Security:

Fire Supression System:	Sprinkler
Gas Leak Detection:	O2 Sensor
Video Camera:	No
Request to Exit Button:	No

AV/IT:

Intercom/Public Address:	No
Video Projector:	TBD
TV/Monitor/MATV:	Display Monitor
Projection Screen:	TBD
Marker Board:	Yes
Sound System:	TBD
Data:	Yes

Electrical:

120V Normal Power:	Yes
208V Normal Power:	TBD
UPS Receptacles:	No
Lighting Level:	Min. 50 FC
Task Lighting	No
Emergency Shut-Off:	No
Light Control:	Dimmable, occupancy sensor
In-Use Light:	No

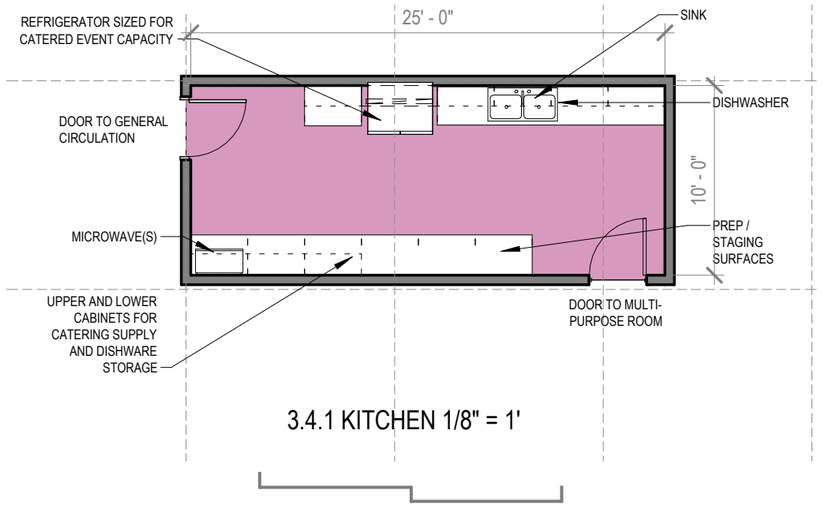
Plumbing:

Water:	No
RO Water:	No
Eyewash:	No
Combo Eyewash/Shower:	No
Eyewash/Shower Drain:	No
Steam:	No
Compressed Air:	No
Vacuum:	No

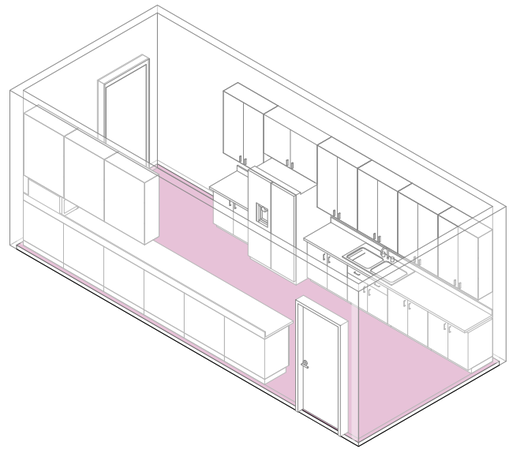
Mechanical:

Temperature	70-72d F
Temperature Control:	(+/-) 2 degrees
Humidity:	50% RH Max
Pressurization:	Neutral or Positive
Air Changes:	N/A
Laminar Flow:	No
High/Low Ventilation:	No
Heat Load:	Low
Fume Hood:	No
Bio-Safety Cabinet:	No
Canopy Hood:	No
Point Exhaust:	No

3.4.1 | KITCHEN



3.4.1 KITCHEN 1/8" = 1'



Room Data:

Department / Type:	Kitchen
Notes:	N/A
Program Qty:	1
Program NSF:	250 NSF
Program ASF:	250 ASF

Architectural:

Ceiling Height:	Min 9'
Ceiling:	ACT
Floors:	Resilient
Walls:	GWB
Wall Finish:	Paint (low VOC)
Wall Base:	4" High Vinyl or Rubber
Doors (Material, Size, Rating):	HM or WD
Door (Lite):	None
Door Frames:	HM
Door Hardware:	Exit Device or Mortise
Shielding Criteria:	No
Acoustic Criteria:	Refer to Section 8.11
Fire Separation:	TBD
Natural Light:	No
Exterior Window Treatment:	No

Fire Protection/Safety/Security:

Fire Supression System:	Sprinkler
Gas Leak Detection:	O2 Sensor
Video Camera:	No
Request to Exit Button:	No

AV/IT:

Intercom/Public Address:	No
Video Projector:	No
TV/Monitor/MATV:	No
Projection Screen:	No
Marker Board:	No
Sound System:	No
Data:	No

Electrical:

120V Normal Power:	Yes
208V Normal Power:	TBD
UPS Receptacles:	No
Lighting Level:	Min. 50 FC
Task Lighting	TBD
Emergency Shut-Off:	No
Light Control:	Occupancy sensor
In-Use Light:	No

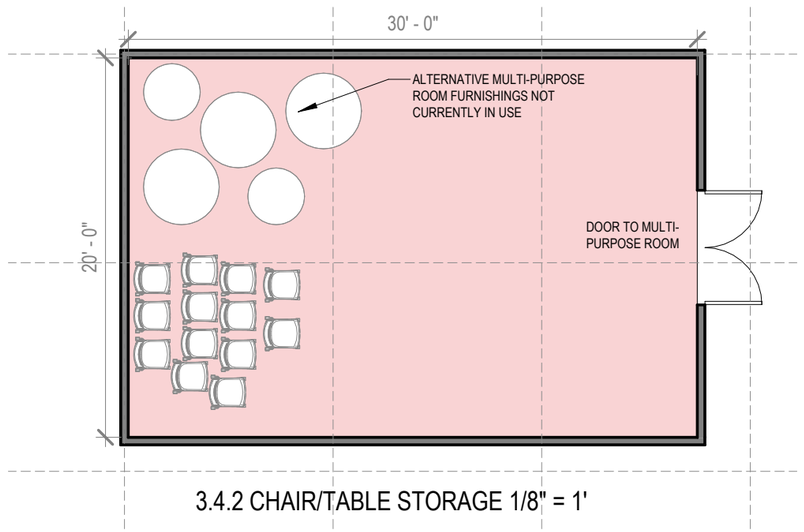
Plumbing:

Water:	Hot & Cold
RO Water:	No
Eyewash:	No
Combo Eyewash/Shower:	No
Eyewash/Shower Drain:	No
Steam:	No
Compressed Air:	No
Vacuum:	No

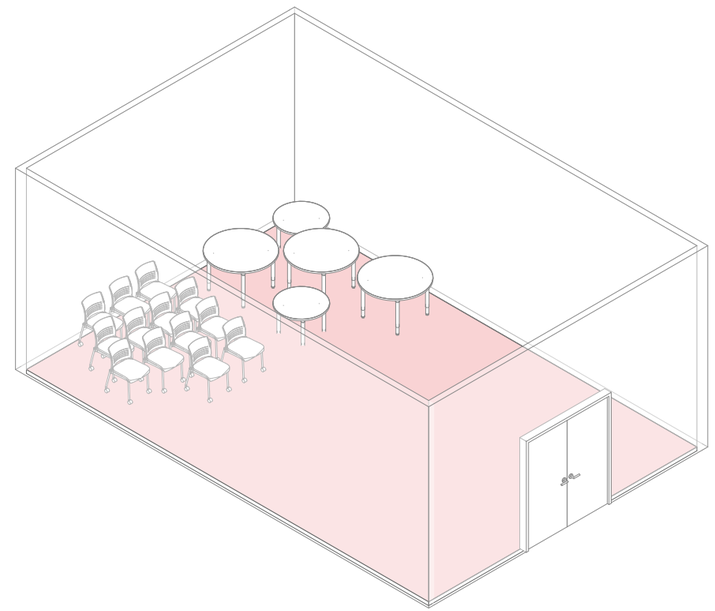
Mechanical:

Temperature	68-78d F
Temperature Control:	(+/-) 2 degrees
Humidity:	60% RH Max
Pressurization:	Negative
Air Changes:	N/A
Laminar Flow:	No
High/Low Ventilation:	High
Heat Load:	High
Fume Hood:	No
Bio-Safety Cabinet:	No
Canopy Hood:	Yes
Point Exhaust:	No

3.4.2 | CHAIR / TABLE STORAGE



3.4.2 CHAIR/TABLE STORAGE 1/8" = 1'



Room Data:

Department / Type:	Chair/Table Storage
Notes:	N/A
Program Qty:	1
Program NSF:	600 NSF
Program ASF:	600 ASF

Architectural:

Ceiling Height:	N/A
Ceiling:	None
Floors:	Resilent
Walls:	GWB (Impact Resistant)
Wall Finish:	Paint (low VOC)
Wall Base:	4" High Vinyl or Rubber
Doors (Material, Size, Rating):	HM
Door (Lite):	None
Door Frames:	HM
Door Hardware:	Mortise - Storeroom Function
Shielding Criteria:	No
Acoustic Criteria:	Refer to Section 8.11
Fire Separation:	No
Natural Light:	No
Exterior Window Treatment:	No

Fire Protection/Safety/Security:

Fire Supression System:	Sprinkler
Gas Leak Detection:	O2 Sensor
Video Camera:	No
Request to Exit Button:	No

AV/IT:

Intercom/Public Address:	No
Video Projector:	No
TV/Monitor/MATV:	No
Projection Screen:	No
Marker Board:	No
Sound System:	No
Data:	No

Electrical:

120V Normal Power:	Yes
208V Normal Power:	No
UPS Receptacles:	No
Lighting Level:	Avg of 10-30 FC
Task Lighting	No
Emergency Shut-Off:	No
Light Control:	Occupancy Sensor
In-Use Light:	No

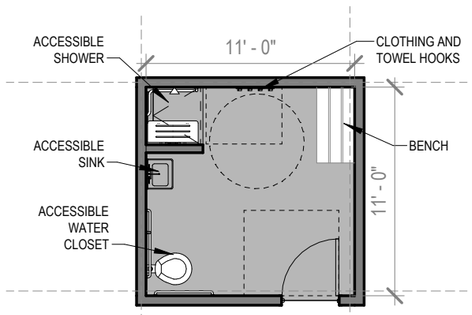
Plumbing:

Water:	No
RO Water:	No
Eyewash:	No
Combo Eyewash/Shower:	No
Eyewash/Shower Drain:	No
Steam:	No
Compressed Air:	No
Vacuum:	No

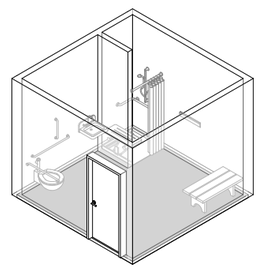
Mechanical:

Temperature	65-80d F
Temperature Control:	(+/-) 2 degrees
Humidity:	N/A
Pressurization:	N/A
Air Changes:	N/A
Laminar Flow:	No
High/Low Ventilation:	No
Heat Load:	Low
Fume Hood:	No
Bio-Safety Cabinet:	No
Canopy Hood:	No
Point Exhaust:	No

3.4.3 | SHOWERS



3.4.3 SHOWERS 1/8" = 1'



Room Data:

Department / Type:	Showers
Notes:	N/A
Program Qty:	2
Program NSF:	120 NSF
Program ASF:	240 ASF

Architectural:

Ceiling Height:	Min 8'
Ceiling:	2x2 Waterproof ACT
Floors:	Ceramic or Porcelain Tile w/ Floor Drains or Pre-manufactured acrylic enclosures
Walls:	Ceramic or Porcelain Tile
Wall Finish:	Ceramic or Porcelain Tile
Wall Base:	Ceramic or Porcelain Tile
Doors (Material, Size, Rating):	HM
Door (Lite):	No
Door Frames:	HM
Door Hardware:	Mortise - Privacy with Occupancy Indicator
Shielding Criteria:	No
Acoustic Criteria:	Refer to Section 8.11
Fire Separation:	No
Natural Light:	No
Exterior Window Treatment:	No

Fire Protection/Safety/Security:

Fire Supression System:	Sprinkler
Gas Leak Detection:	O2 Sensor
Video Camera:	No
Request to Exit Button:	No

AV/IT:

Intercom/Public Address:	No
Video Projector:	No
TV/Monitor/MATV:	No
Projection Screen:	No
Marker Board:	No
Sound System:	No
Data:	No

Electrical:

120V Normal Power:	Yes
208V Normal Power:	No
UPS Receptacles:	No
Lighting Level:	Avg of 5-20 FC
Task Lighting	No
Emergency Shut-Off:	No
Light Control:	Occupancy Sensor
In-Use Light:	No

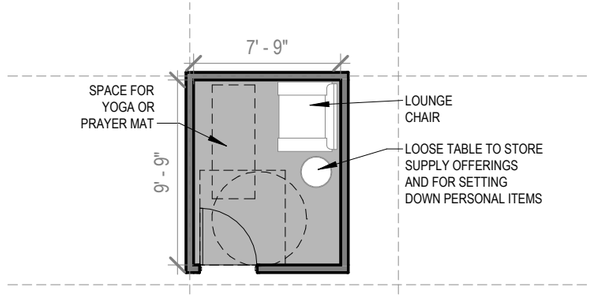
Plumbing:

Water:	Hot and Cold
RO Water:	No
Eyewash:	No
Combo Eyewash/Shower:	No
Eyewash/Shower Drain:	Shower Drain
Steam:	No
Compressed Air:	No
Vacuum:	No

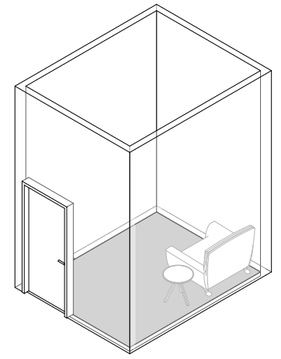
Mechanical:

Temperature	68-75d F
Temperature Control:	(+/-) 2 degrees
Humidity:	50% RH Max
Pressurization:	Negative
Air Changes:	N/A
Laminar Flow:	No
High/Low Ventilation:	No
Heat Load:	High
Fume Hood:	No
Bio-Safety Cabinet:	No
Canopy Hood:	No
Point Exhaust:	TBD

3.4.4 | WELLNESS ROOM



3.4.4 WELLNESS ROOM 1/8" = 1'



Room Data:

Department / Type:	Wellness Room
Notes:	N/A
Program Qty:	5
Program NSF:	75 NSF
Program ASF:	400 ASF

Architectural:

Ceiling Height:	Min 9'
Ceiling:	Sound absorbing material (ie ACT)
Floors:	Sound absorbing material (ie Carpet TIle)
Walls:	GWB
Wall Finish:	Paint (low VOC)
Wall Base:	4" High Vinyl or Rubber
Doors (Material, Size, Rating):	WD
Door (Lite):	No
Door Frames:	HM
Door Hardware:	Mortise - Privacy with Occupancy Indicator
Shielding Criteria:	No
Acoustic Criteria:	Refer to Section 8.11
Fire Separation:	No
Natural Light:	No
Exterior Window Treatment:	None

Fire Protection/Safety/Security:

Fire Supression System:	Sprinkler
Gas Leak Detection:	O2 Sensor
Video Camera:	No
Request to Exit Button:	No

AV/IT:

Intercom/Public Address:	No
Video Projector:	No
TV/Monitor/MATV:	No
Projection Screen:	No
Marker Board:	No
Sound System:	No
Data:	TBD

Electrical:

120V Normal Power:	Yes
208V Normal Power:	No
UPS Receptacles:	No
Lighting Level:	Min. 50 FC
Task Lighting	TBD
Emergency Shut-Off:	No
Light Control:	Dimmable, occupancy sensor
In-Use Light:	No

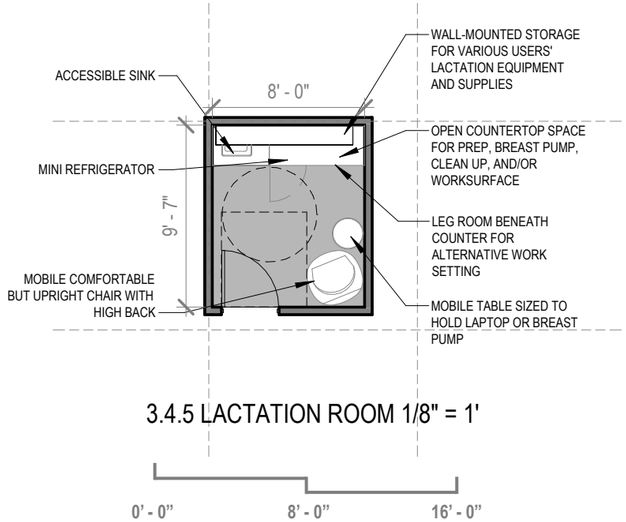
Plumbing:

Water:	Yes
RO Water:	No
Eyewash:	No
Combo Eyewash/Shower:	No
Eyewash/Shower Drain:	No
Steam:	No
Compressed Air:	No
Vacuum:	No

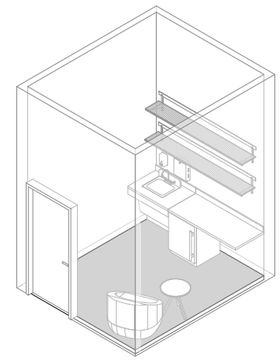
Mechanical:

Temperature	70-72d F
Temperature Control:	(+/-) 2 degrees
Humidity:	50% RH Max, No Control Min.
Pressurization:	Neutral or Positive
Air Changes:	N/A
Laminar Flow:	No
High/Low Ventilation:	No
Heat Load:	Low
Fume Hood:	No
Bio-Safety Cabinet:	No
Canopy Hood:	No
Point Exhaust:	No

3.4.5 | LACTATION ROOM



3.4.5 LACTATION ROOM 1/8" = 1'



Room Data:

Department / Type:	Lactation Room
Notes:	N/A
Program Qty:	5
Program NSF:	77 NSF
Program ASF:	400 ASF

Architectural:

Ceiling Height:	Min 9'
Ceiling:	Sound absorbing material (ie ACT)
Floors:	Sound absorbing material (ie Carpet TIle)
Walls:	GWB
Wall Finish:	Paint (low VOC)
Wall Base:	4" High Vinyl or Rubber
Doors (Material, Size, Rating):	WD
Door (Lite):	No
Door Frames:	HM
Door Hardware:	Mortise - Privacy with Occupancy Indicator
Shielding Criteria:	No
Acoustic Criteria:	Refer to Section 8.11
Fire Separation:	No
Natural Light:	No
Exterior Window Treatment:	None

Fire Protection/Safety/Security:

Fire Supression System:	Sprinkler
Gas Leak Detection:	O2 Sensor
Video Camera:	No
Request to Exit Button:	No

AV/IT:

Intercom/Public Address:	No
Video Projector:	No
TV/Monitor/MATV:	No
Projection Screen:	No
Marker Board:	No
Sound System:	No
Data:	TBD

Electrical:

120V Normal Power:	Yes
208V Normal Power:	No
UPS Receptacles:	No
Lighting Level:	Min. 50 FC
Task Lighting	TBD
Emergency Shut-Off:	No
Light Control:	Dimmable, occupancy sensor
In-Use Light:	No

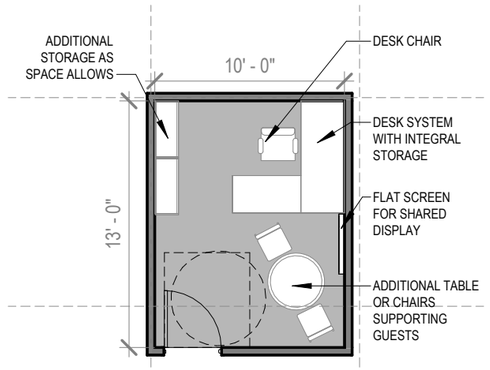
Plumbing:

Water:	Yes
RO Water:	No
Eyewash:	No
Combo Eyewash/Shower:	No
Eyewash/Shower Drain:	No
Steam:	No
Compressed Air:	No
Vacuum:	No

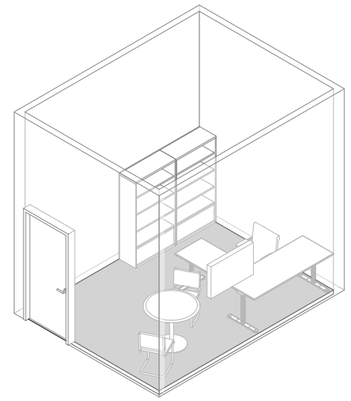
Mechanical:

Temperature	70-72d F
Temperature Control:	(+/-) 2 degrees
Humidity:	50% RH Max, No Control Min.
Pressurization:	Neutral or Positive
Air Changes:	N/A
Laminar Flow:	No
High/Low Ventilation:	No
Heat Load:	Low
Fume Hood:	No
Bio-Safety Cabinet:	No
Canopy Hood:	No
Point Exhaust:	No

4.1.2 | FACILITIES MANAGER



4.1.2 FACILITIES MANAGER 1/8" = 1'



Room Data:

Department / Type:	Facilities Manager Office
Notes:	N/A
Program Qty:	1
Program NSF:	130 NSF
Program ASF:	130 ASF

Architectural:

Ceiling Height:	Min 9'
Ceiling:	Sound absorbing material (ie ACT)
Floors:	Sound absorbing material (ie Carpet TIle)
Walls:	GWB or Glass
Wall Finish:	Paint (low VOC)
Wall Base:	4" High Vinyl or Rubber
Doors (Material, Size, Rating):	WD
Door (Lite):	None
Door Frames:	HM
Door Hardware:	Mortise - Office Function
Shielding Criteria:	No
Acoustic Criteria:	Refer to Section 8.11
Fire Separation:	No
Natural Light:	Preferred
Exterior Window Treatment:	Address glare and sunlight

Fire Protection/Safety/Security:

Fire Supression System:	Sprinkler
Gas Leak Detection:	O2 Sensor
Video Camera:	No
Request to Exit Button:	No

AV/IT:

Intercom/Public Address:	No
Video Projector:	No
TV/Monitor/MATV:	TBD
Projection Screen:	No
Marker Board:	TBD
Sound System:	No
Data:	Yes

Electrical:

120V Normal Power:	Yes
208V Normal Power:	TBD
UPS Receptacles:	No
Lighting Level:	Min. 50 FC
Task Lighting	No
Emergency Shut-Off:	No
Light Control:	Dimmable, occupancy sensor
In-Use Light:	No

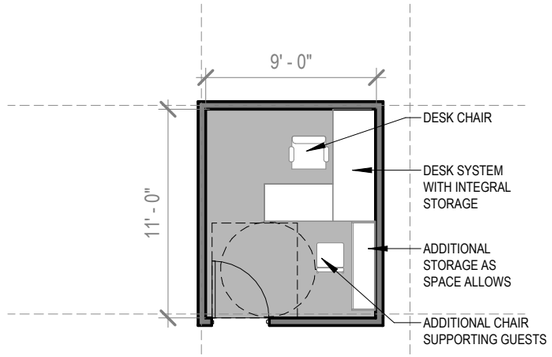
Plumbing:

Water:	No
RO Water:	No
Eyewash:	No
Combo Eyewash/Shower:	No
Eyewash/Shower Drain:	No
Steam:	No
Compressed Air:	No
Vacuum:	No

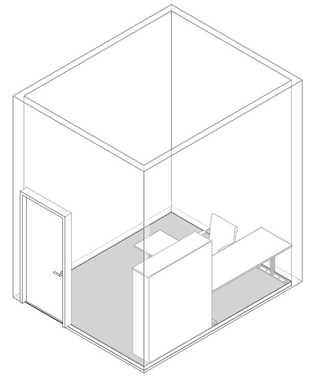
Mechanical:

Temperature	70-72d F
Temperature Control:	(+/-) 2 degrees
Humidity:	50% RH Max
Pressurization:	Neutral or Positive
Air Changes:	N/A
Laminar Flow:	No
High/Low Ventilation:	No
Heat Load:	Low
Fume Hood:	No
Bio-Safety Cabinet:	No
Canopy Hood:	No
Point Exhaust:	No

4.1.3 | FACILITIES STAFF



4.1.3 FACILITIES STAFF 1/8" = 1'



Room Data:

Department / Type:	Facilities Staff Office
Notes:	N/A
Program Qty:	2
Program NSF:	100 NSF
Program ASF:	200 ASF

Architectural:

Ceiling Height:	Min 9'
Ceiling:	Sound absorbing material (ie ACT)
Floors:	Sound absorbing material (ie Carpet TIle)
Walls:	GWB or Glass
Wall Finish:	Paint (low VOC)
Wall Base:	4" High Vinyl or Rubber
Doors (Material, Size, Rating):	WD
Door (Lite):	None
Door Frames:	HM
Door Hardware:	Mortise - Office Function
Shielding Criteria:	No
Acoustic Criteria:	Refer to Section 8.11
Fire Separation:	No
Natural Light:	Preferred
Exterior Window Treatment:	Address glare and sunlight

Fire Protection/Safety/Security:

Fire Supression System:	Sprinkler
Gas Leak Detection:	O2 Sensor
Video Camera:	No
Request to Exit Button:	No

AV/IT:

Intercom/Public Address:	No
Video Projector:	No
TV/Monitor/MATV:	TBD
Projection Screen:	No
Marker Board:	TBD
Sound System:	No
Data:	Yes

Electrical:

120V Normal Power:	Yes
208V Normal Power:	TBD
UPS Receptacles:	No
Lighting Level:	Min. 50 FC
Task Lighting	No
Emergency Shut-Off:	No
Light Control:	Dimmable, occupancy sensor
In-Use Light:	No

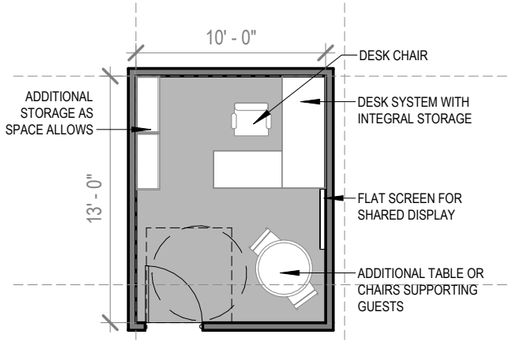
Plumbing:

Water:	No
RO Water:	No
Eyewash:	No
Combo Eyewash/Shower:	No
Eyewash/Shower Drain:	No
Steam:	No
Compressed Air:	No
Vacuum:	No

Mechanical:

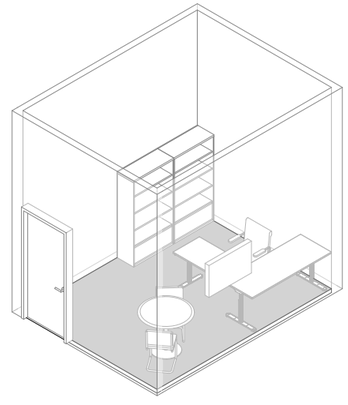
Temperature	70-72d F
Temperature Control:	(+/-) 2 degrees
Humidity:	50% RH Max
Pressurization:	Neutral or Positive
Air Changes:	N/A
Laminar Flow:	No
High/Low Ventilation:	No
Heat Load:	Low
Fume Hood:	No
Bio-Safety Cabinet:	No
Canopy Hood:	No
Point Exhaust:	No

4.1.4 | IT MANAGER



4.1.4 IT MANAGER 1/8" = 1'

0' - 0" 8' - 0" 16' - 0"



Room Data:

Department / Type:	IT Manager Office
Notes:	N/A
Program Qty:	1
Program NSF:	130 NSF
Program ASF:	130 ASF

Architectural:

Ceiling Height:	Min 9'
Ceiling:	Sound absorbing material (ie ACT)
Floors:	Sound absorbing material (ie Carpet TIle)
Walls:	GWB or Glass
Wall Finish:	Paint (low VOC)
Wall Base:	4" High Vinyl or Rubber
Doors (Material, Size, Rating):	WD
Door (Lite):	None
Door Frames:	HM
Door Hardware:	Mortise - Office Function
Shielding Criteria:	No
Acoustic Criteria:	Refer to Section 8.11
Fire Separation:	No
Natural Light:	Preferred
Exterior Window Treatment:	Address glare and sunlight

Fire Protection/Safety/Security:

Fire Supression System:	Sprinkler
Gas Leak Detection:	O2 Sensor
Video Camera:	No
Request to Exit Button:	No

AV/IT:

Intercom/Public Address:	No
Video Projector:	No
TV/Monitor/MATV:	TBD
Projection Screen:	No
Marker Board:	TBD
Sound System:	No
Data:	Yes

Electrical:

120V Normal Power:	Yes
208V Normal Power:	TBD
UPS Receptacles:	No
Lighting Level:	Min. 50 FC
Task Lighting	No
Emergency Shut-Off:	No
Light Control:	Dimmable, occupancy sensor
In-Use Light:	No

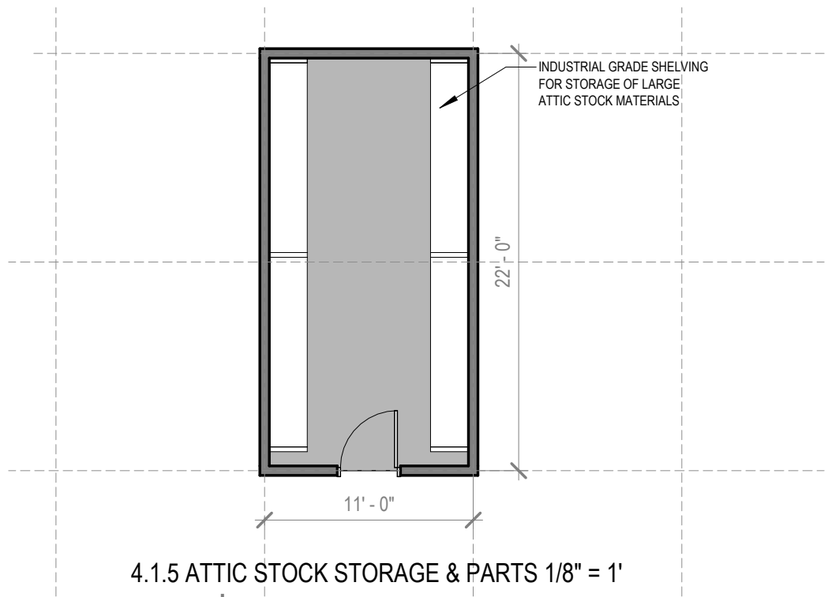
Plumbing:

Water:	No
RO Water:	No
Eyewash:	No
Combo Eyewash/Shower:	No
Eyewash/Shower Drain:	No
Steam:	No
Compressed Air:	No
Vacuum:	No

Mechanical:

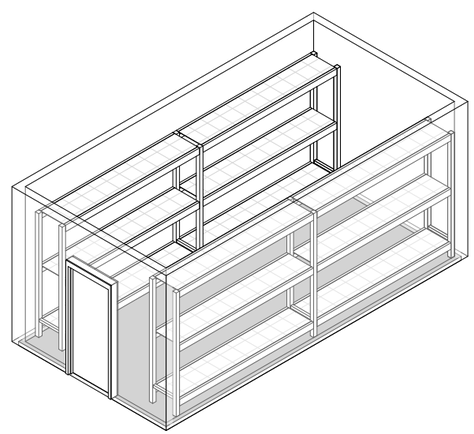
Temperature	70-72d F
Temperature Control:	(+/-) 2 degrees
Humidity:	50% RH Max
Pressurization:	Neutral or Positive
Air Changes:	N/A
Laminar Flow:	No
High/Low Ventilation:	No
Heat Load:	Low
Fume Hood:	No
Bio-Safety Cabinet:	No
Canopy Hood:	No
Point Exhaust:	No

4.1.5 | ATTIC STOCK STORAGE / PARTS



4.1.5 ATTIC STOCK STORAGE & PARTS 1/8" = 1'

0' - 0" 8' - 0" 16' - 0"



Room Data:

Department / Type:	Attic Stock Storage / Parts
Notes:	N/A
Program Qty:	1
Program NSF:	242 NSF
Program ASF:	242 ASF

Architectural:

Ceiling Height:	N/A
Ceiling:	No
Floors:	Sealed Concrete
Walls:	CMU or GWB
Wall Finish:	Paint
Wall Base:	None
Doors (Material, Size, Rating):	HM, fire-rated
Door (Lite):	No
Door Frames:	HM
Door Hardware:	Mortise - Storage Function
Shielding Criteria:	No
Acoustic Criteria:	Refer to Section 8.11
Fire Separation:	No
Natural Light:	No
Exterior Window Treatment:	No

Fire Protection/Safety/Security:

Fire Supression System:	Sprinkler
Gas Leak Detection:	O2 Sensor
Video Camera:	No
Request to Exit Button:	No

AV/IT:

Intercom/Public Address:	No
Video Projector:	No
TV/Monitor/MATV:	No
Projection Screen:	No
Marker Board:	No
Sound System:	No
Data:	No

Electrical:

120V Normal Power:	Yes
208V Normal Power:	No
UPS Receptacles:	No
Lighting Level:	Avg of 10-30 FC
Task Lighting	No
Emergency Shut-Off:	No
Light Control:	Occupancy Sensor
In-Use Light:	No

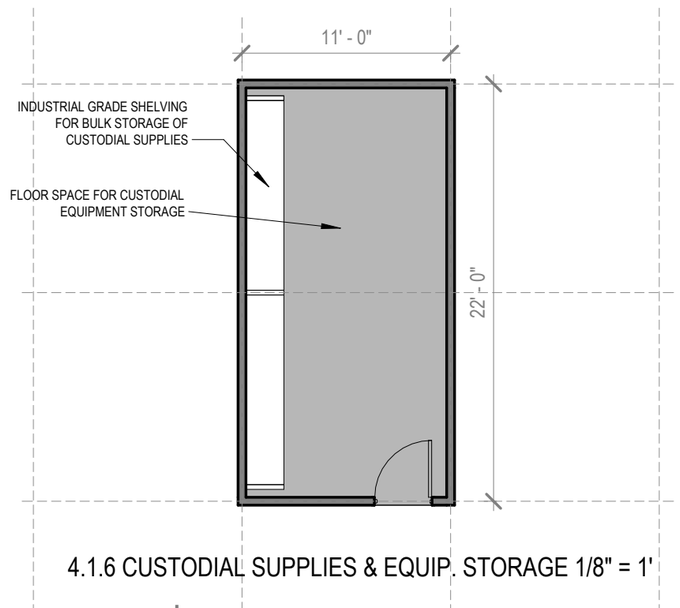
Plumbing:

Water:	No
RO Water:	No
Eyewash:	No
Combo Eyewash/Shower:	No
Eyewash/Shower Drain:	No
Steam:	No
Compressed Air:	No
Vacuum:	No

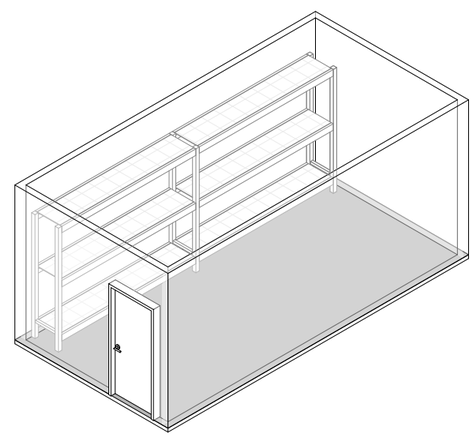
Mechanical:

Temperature	65-80d F
Temperature Control:	(+/-) 2 degrees
Humidity:	N/A
Pressurization:	N/A
Air Changes:	N/A
Laminar Flow:	No
High/Low Ventilation:	No
Heat Load:	Low
Fume Hood:	No
Bio-Safety Cabinet:	No
Canopy Hood:	No
Point Exhaust:	No

4.1.6 | CUSTODIAL SUPPLIES & EQUIPMENT STORAGE



4.1.6 CUSTODIAL SUPPLIES & EQUIP. STORAGE 1/8" = 1'



Room Data:

Department / Type:	Custodial Supplies + Equipment Storage
Notes:	N/A
Program Qty:	1
Program NSF:	242 NSF
Program ASF:	242 ASF

Architectural:

Ceiling Height:	N/A
Ceiling:	No
Floors:	Sealed Concrete
Walls:	CMU or GWB
Wall Finish:	Paint
Wall Base:	None
Doors (Material, Size, Rating):	HM, fire-rated
Door (Lite):	No
Door Frames:	HM
Door Hardware:	Mortise - Storage Function
Shielding Criteria:	No
Acoustic Criteria:	Refer to Section 8.11
Fire Separation:	No
Natural Light:	No
Exterior Window Treatment:	No

Fire Protection/Safety/Security:

Fire Supression System:	Sprinkler
Gas Leak Detection:	O2 Sensor
Video Camera:	No
Request to Exit Button:	No

AV/IT:

Intercom/Public Address:	No
Video Projector:	No
TV/Monitor/MATV:	No
Projection Screen:	No
Marker Board:	No
Sound System:	No
Data:	No

Electrical:

120V Normal Power:	Yes
208V Normal Power:	No
UPS Receptacles:	No
Lighting Level:	Avg of 10-30 FC
Task Lighting	No
Emergency Shut-Off:	No
Light Control:	Occupancy Sensor
In-Use Light:	No

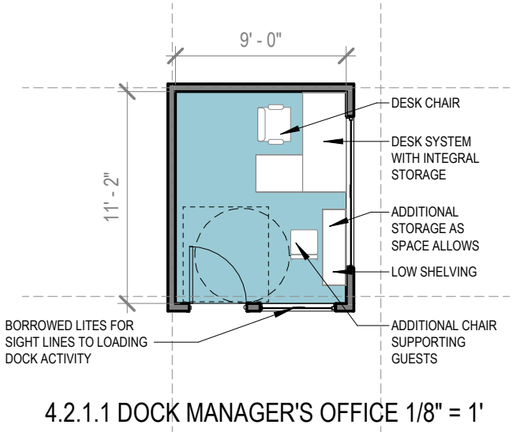
Plumbing:

Water:	No
RO Water:	No
Eyewash:	No
Combo Eyewash/Shower:	No
Eyewash/Shower Drain:	No
Steam:	No
Compressed Air:	No
Vacuum:	No

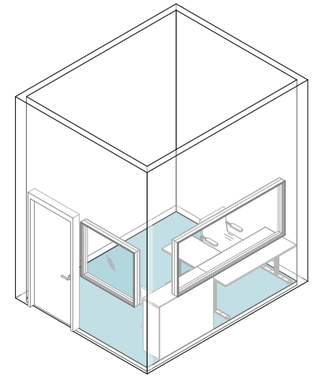
Mechanical:

Temperature	65-80d F
Temperature Control:	(+/-) 2 degrees
Humidity:	N/A
Pressurization:	N/A
Air Changes:	N/A
Laminar Flow:	No
High/Low Ventilation:	No
Heat Load:	Low
Fume Hood:	No
Bio-Safety Cabinet:	No
Canopy Hood:	No
Point Exhaust:	No

4.2.1.1 | DOCK MANAGER OFFICE



4.2.1.1 DOCK MANAGER'S OFFICE 1/8" = 1'



Room Data:

Department / Type:	Dock Manager Office
Notes:	N/A
Program Qty:	1
Program NSF:	100 NSF
Program ASF:	100 ASF

Architectural:

Ceiling Height:	Min 9'
Ceiling:	Sound absorbing material (ie ACT)
Floors:	Sound absorbing material (ie Carpet Tlle)
Walls:	GWB or Glass
Wall Finish:	Paint (low VOC)
Wall Base:	4" High Vinyl or Rubber
Doors (Material, Size, Rating):	WD
Door (Lite):	None
Door Frames:	HM
Door Hardware:	Mortise - Office Function
Shielding Criteria:	No
Acoustic Criteria:	Refer to Section 8.11
Fire Separation:	No
Natural Light:	Preferred
Exterior Window Treatment:	Address glare and sunlight

Fire Protection/Safety/Security:

Fire Supression System:	Sprinkler
Gas Leak Detection:	O2 Sensor
Video Camera:	No
Request to Exit Button:	No

AV/IT:

Intercom/Public Address:	No
Video Projector:	No
TV/Monitor/MATV:	No
Projection Screen:	No
Marker Board:	TBD
Sound System:	No
Data:	Yes

Electrical:

120V Normal Power:	Yes
208V Normal Power:	TBD
UPS Receptacles:	No
Lighting Level:	Min. 50 FC
Task Lighting	No
Emergency Shut-Off:	No
Light Control:	Dimmable, occupancy sensor
In-Use Light:	No

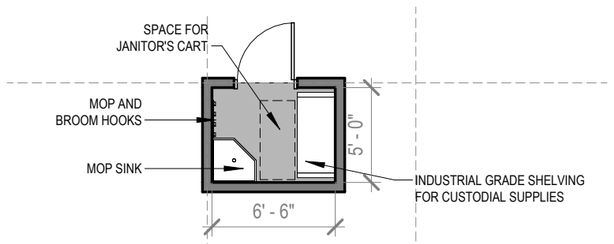
Plumbing:

Water:	No
RO Water:	No
Eyewash:	No
Combo Eyewash/Shower:	No
Eyewash/Shower Drain:	No
Steam:	No
Compressed Air:	No
Vacuum:	No

Mechanical:

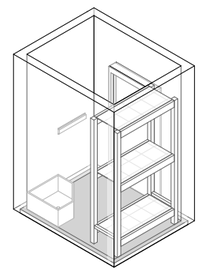
Temperature	70-72d F
Temperature Control:	(+/-) 2 degrees
Humidity:	50% RH Max
Pressurization:	Neutral or Positive
Air Changes:	N/A
Laminar Flow:	No
High/Low Ventilation:	No
Heat Load:	Low
Fume Hood:	No
Bio-Safety Cabinet:	No
Canopy Hood:	No
Point Exhaust:	No

4.2.1.3 | JANITOR'S CLOSET



4.2.1.3 JANITOR'S CLOSET 1/8" = 1'

0' - 0" 8' - 0" 16' - 0"



Room Data:

Department / Type:	Janitor's Closet
Notes:	Typ. 1 per floor
Program Qty:	6
Program NSF:	33 NSF
Program ASF:	360 SF

Architectural:

Ceiling Height:	N/A
Ceiling:	No
Floors:	Sealed Concrete
Walls:	CMU or GWB
Wall Finish:	Paint
Wall Base:	None
Doors (Material, Size, Rating):	HM, fire-rated
Door (Lite):	No
Door Frames:	HM
Door Hardware:	Mortise - Storage Function
Shielding Criteria:	No
Acoustic Criteria:	No
Fire Separation:	No
Natural Light:	No
Exterior Window Treatment:	No

Fire Protection/Safety/Security:

Fire Supression System:	Sprinkler
Gas Leak Detection:	O2 Sensor
Video Camera:	No
Request to Exit Button:	No

AV/IT:

Intercom/Public Address:	No
Video Projector:	No
TV/Monitor/MATV:	No
Projection Screen:	No
Marker Board:	No
Sound System:	No
Data:	No

Electrical:

120V Normal Power:	To be determined by Engineer
208V Normal Power:	To be determined by Engineer
UPS Receptacles:	To be determined by Engineer
Lighting Level:	To be determined by Engineer
Task Lighting	To be determined by Engineer
Emergency Shut-Off:	To be determined by Engineer
Light Control:	To be determined by Engineer
In-Use Light:	To be determined by Engineer

Plumbing:

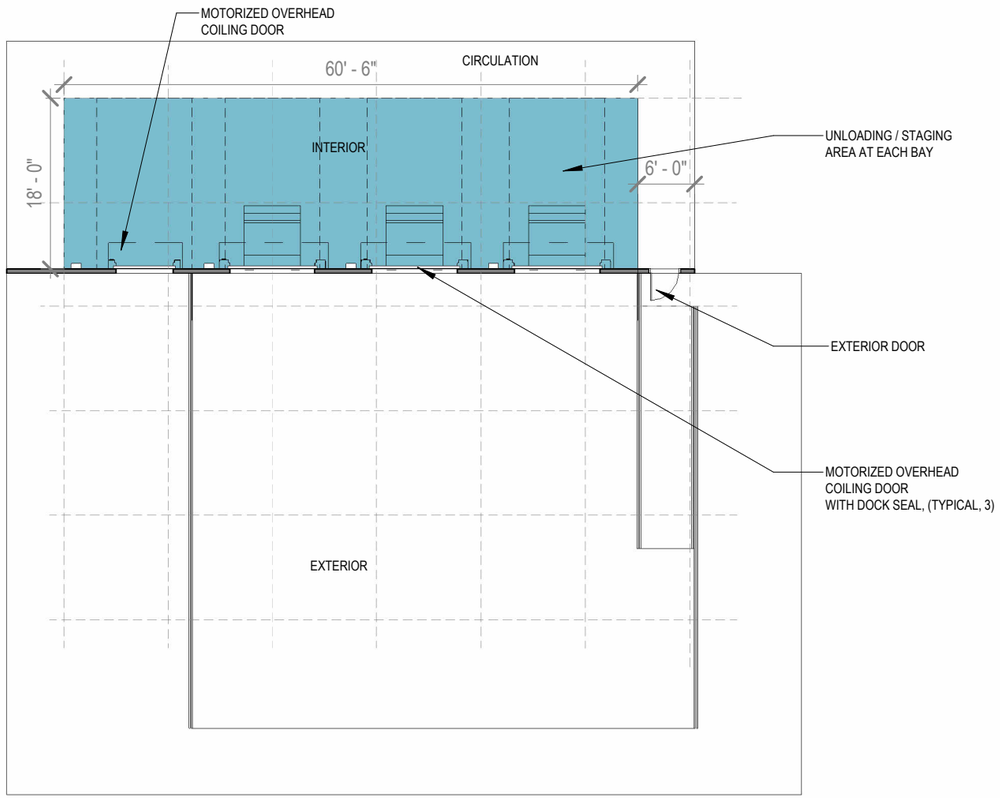
Water:	Yes
RO Water:	No
Eyewash:	No
Combo Eyewash/Shower:	No
Eyewash/Shower Drain:	No
Steam:	No
Compressed Air:	No
Vacuum:	No

Mechanical:

Temperature	68-75d F
Temperature Control:	(+/-) 2 degrees
Humidity:	50% RH Max
Pressurization:	Negative
Air Changes:	N/A
Laminar Flow:	No
High/Low Ventilation:	No
Heat Load:	Low
Fume Hood:	No
Bio-Safety Cabinet:	No
Canopy Hood:	No
Point Exhaust:	No

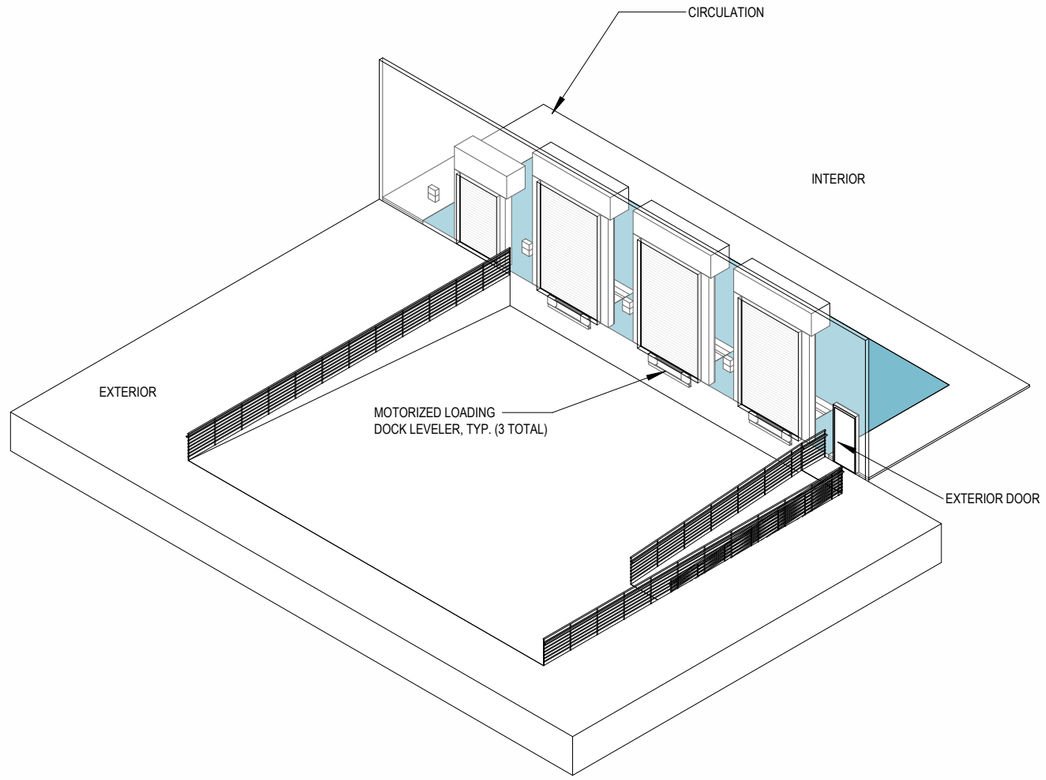
Additional Requirements	Mop Sink, Mop Holder, Shelving

4.2.5.1 | LAYDOWN / TEMPORARY STAGING / MAIN DOCK



4.2.5.1 LAYDOWN / TEMP STAGING / MAIN DOCK 1/16" = 1'





4.2.5.1 | LAYDOWN / TEMPORARY STAGING / MAIN DOCK

Room Data:

Department / Type:	Laydown / Temporary Staging / Main Dock
Notes:	N/A
Program Qty:	1
Program NSF:	1,089 NSF
Program ASF:	1,089 NSF

Architectural:

Ceiling Height:	N/A
Ceiling:	None
Floors:	Sealed Concrete
Walls:	GWB (Impact Resistant)
Wall Finish:	Paint (low VOC)
Wall Base:	4" High Vinyl or Rubber
Doors (Material, Size, Rating):	HM
Door (Lite):	None
Door Frames:	HM
Door Hardware:	Mortise - Storeroom Function
Shielding Criteria:	No
Acoustic Criteria:	Refer to Section 8.11
Fire Separation:	TBD
Natural Light:	No
Exterior Window Treatment:	No

Fire Protection/Safety/Security:

Fire Supression System:	Sprinkler
Gas Leak Detection:	O2 Sensor
Video Camera:	TBD
Request to Exit Button:	No

AV/IT:

Intercom/Public Address:	No
Video Projector:	No
TV/Monitor/MATV:	No
Projection Screen:	No
Marker Board:	No
Sound System:	No
Data:	TBD

Electrical:

120V Normal Power:	Yes
208V Normal Power:	TBD
UPS Receptacles:	No
Lighting Level:	TBD
Task Lighting	No
Emergency Shut-Off:	No
Light Control:	Occupancy Sensor
In-Use Light:	No

Plumbing:

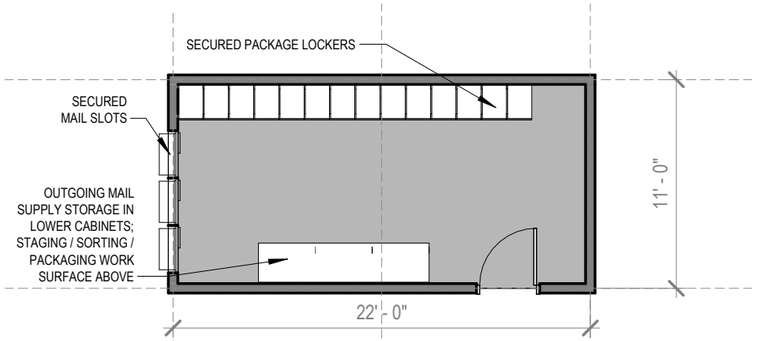
Water:	No
RO Water:	No
Eyewash:	No
Combo Eyewash/Shower:	No
Eyewash/Shower Drain:	No
Steam:	No
Compressed Air:	No
Vacuum:	No

Mechanical:

Temperature	65-80d F
Temperature Control:	(+/-) 2 degrees
Humidity:	N/A
Pressurization:	Positive
Air Changes:	N/A
Laminar Flow:	No
High/Low Ventilation:	No
Heat Load:	Medium
Fume Hood:	No
Bio-Safety Cabinet:	No
Canopy Hood:	No
Point Exhaust:	Yes

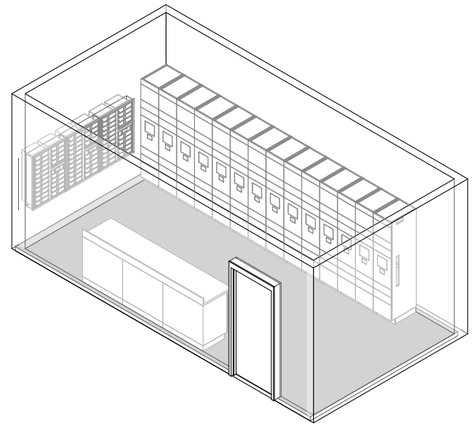
Additional Requirements	Dock Leveler, Bumpers, OH doors

4.2.5.2 | MAIL ROOM / PACKAGE HANDLING



4.2.5.2 MAIL ROOM / PACKAGE HOLDING 1/8" = 1'

0' - 0" 8' - 0" 16' - 0"



Room Data:

Department / Type:	Mail Room / Package Holding
Notes:	N/A
Program Qty:	1
Program NSF:	242 NSF
Program ASF:	242 NSF

Architectural:

Ceiling Height:	N/A
Ceiling:	None
Floors:	Resilent
Walls:	GWB (Impact Resistant)
Wall Finish:	Paint (low VOC)
Wall Base:	4" High Vinyl or Rubber
Doors (Material, Size, Rating):	HM
Door (Lite):	None
Door Frames:	HM
Door Hardware:	Mortise - Storeroom Function
Shielding Criteria:	No
Acoustic Criteria:	Refer to Section 8.11
Fire Separation:	No
Natural Light:	No
Exterior Window Treatment:	No

Fire Protection/Safety/Security:

Fire Supression System:	Sprinkler
Gas Leak Detection:	O2 Sensor
Video Camera:	TBD
Request to Exit Button:	No

AV/IT:

Intercom/Public Address:	No
Video Projector:	No
TV/Monitor/MATV:	No
Projection Screen:	No
Marker Board:	No
Sound System:	No
Data:	TBD

Electrical:

120V Normal Power:	Yes
208V Normal Power:	No
UPS Receptacles:	No
Lighting Level:	Avg of 10-30 FC
Task Lighting	No
Emergency Shut-Off:	No
Light Control:	Occupancy Sensor
In-Use Light:	No

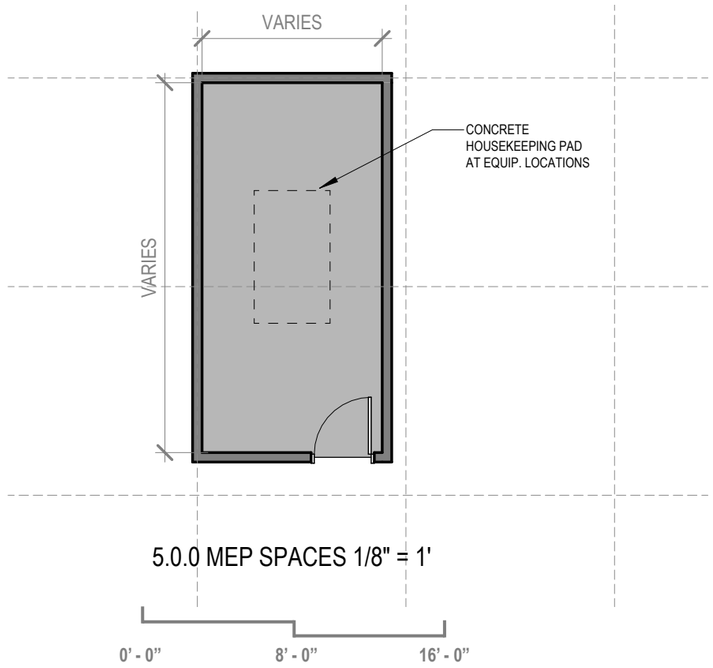
Plumbing:

Water:	No
RO Water:	No
Eyewash:	No
Combo Eyewash/Shower:	No
Eyewash/Shower Drain:	No
Steam:	No
Compressed Air:	No
Vacuum:	No

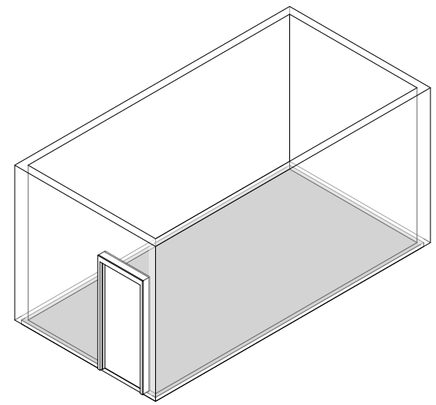
Mechanical:

Temperature	65-80d F
Temperature Control:	(+/-) 2 degrees
Humidity:	N/A
Pressurization:	N/A
Air Changes:	N/A
Laminar Flow:	No
High/Low Ventilation:	No
Heat Load:	Low
Fume Hood:	No
Bio-Safety Cabinet:	No
Canopy Hood:	No
Point Exhaust:	No

5.0.0 | MEP SPACES



5.0.0 MEP SPACES 1/8" = 1'



Room Data:

Department / Type:	Grossing
Notes:	N/A
Program Qty:	1
Program NSF:	Varies
Program ASF:	Varies

Architectural:

Ceiling Height:	N/A
Ceiling:	No
Floors:	Sealed concrete at electrical spaces; slip resistant and water proof epoxy flooring at mechanical spaces
Walls:	CMU or GWB
Wall Finish:	Paint
Wall Base:	None
Doors (Material, Size, Rating):	HM, fire-rated
Door (Lite):	No
Door Frames:	HM
Door Hardware:	Mortise - Storage Function
Shielding Criteria:	No
Acoustic Criteria:	Refer to Section 8.11
Fire Separation:	Yes - Varies
Natural Light:	No
Exterior Window Treatment:	No

Fire Protection/Safety/Security:

Fire Supression System:	Sprinkler
Gas Leak Detection:	O2 Sensor
Video Camera:	No
Request to Exit Button:	No

AV/IT:

Intercom/Public Address:	No
Video Projector:	No
TV/Monitor/MATV:	No
Projection Screen:	No
Marker Board:	No
Sound System:	No
Data:	Yes

Electrical:

120V Normal Power:	Yes
208V Normal Power:	TBD
UPS Receptacles:	TBD
Lighting Level:	TBD
Task Lighting	No
Emergency Shut-Off:	TBD
Light Control:	Occupancy Sensor
In-Use Light:	No

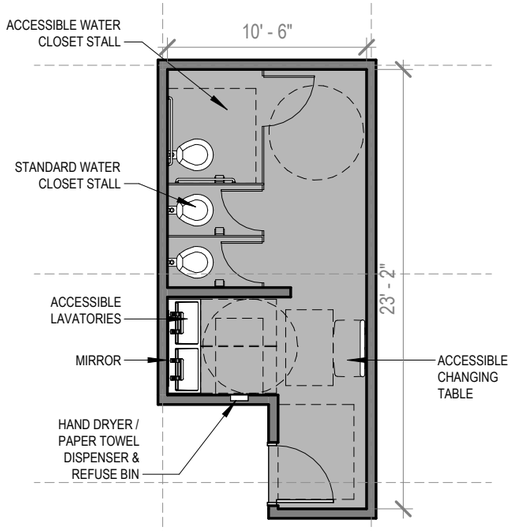
Plumbing:

Water:	No
RO Water:	No
Eyewash:	No
Combo Eyewash/Shower:	No
Eyewash/Shower Drain:	No
Steam:	No
Compressed Air:	No
Vacuum:	No

Mechanical:

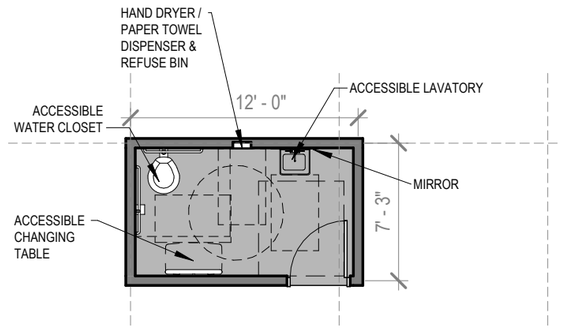
Temperature	68-80d F
Temperature Control:	(+/-) 2 degrees
Humidity:	N/A
Pressurization:	Neutral
Air Changes:	N/A
Laminar Flow:	No
High/Low Ventilation:	No
Heat Load:	High
Fume Hood:	No
Bio-Safety Cabinet:	No
Canopy Hood:	No
Point Exhaust:	No

5.0.1 | RESTROOMS



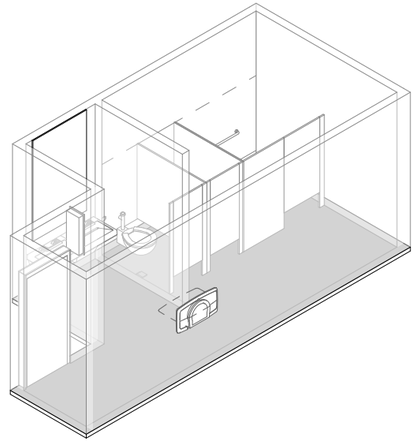
5.0.1 RESTROOMS 1/8" = 1'

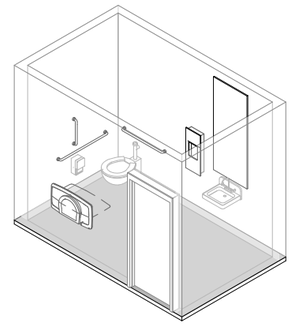
0' - 0" 8' - 0" 16' - 0"



5.0.1 RESTROOM 1/8" = 1'

0' - 0" 8' - 0" 16' - 0"





Room Data:

Department / Type:	Restrooms
Notes:	N/A
Program Qty:	1M&1W / floor; min 1 unisex / floor
Program NSF:	Varies
Program ASF:	Grossing

Architectural:

Ceiling Height:	Min 8'
Ceiling:	2x2 Waterproof ACT
Floors:	Ceramic or Porcelain Tile
Walls:	Ceramic or Porcelain Tile
Wall Finish:	Ceramic or Porcelain Tile
Wall Base:	Ceramic or Porcelain Tile
Doors (Material, Size, Rating):	HM
Door (Lite):	No
Door Frames:	HM
Door Hardware:	Mortise - Privacy with Occupancy Indicator at Single User Rest Rooms
Shielding Criteria:	No
Acoustic Criteria:	Refer to Section 8.11
Fire Separation:	No
Natural Light:	No
Exterior Window Treatment:	No

Fire Protection/Safety/Security:

Fire Supression System:	Sprinkler
Gas Leak Detection:	O2 Sensor
Video Camera:	No
Request to Exit Button:	No

AV/IT:

Intercom/Public Address:	No
Video Projector:	No
TV/Monitor/MATV:	No
Projection Screen:	No
Marker Board:	No
Sound System:	No
Data:	No

Electrical:

120V Normal Power:	Yes
208V Normal Power:	No
UPS Receptacles:	No
Lighting Level:	Avg of 5-20 FC
Task Lighting	No
Emergency Shut-Off:	No
Light Control:	Occupancy Sensor
In-Use Light:	No

Plumbing:

Water:	Hot and Cold
RO Water:	No
Eyewash:	No
Combo Eyewash/Shower:	No
Eyewash/Shower Drain:	No
Steam:	No
Compressed Air:	No
Vacuum:	No

Mechanical:

Temperature	68-75d F
Temperature Control:	(+/-) 2 degrees
Humidity:	50% RH Max
Pressurization:	Negative
Air Changes:	N/A
Laminar Flow:	No
High/Low Ventilation:	No
Heat Load:	High
Fume Hood:	No
Bio-Safety Cabinet:	No
Canopy Hood:	No
Point Exhaust:	TBD

11.0

FF&E CRITERIA

11.1 FURNITURE

The room data sheets (Chapter 10.0) and the conceptual floor plans (Section 12.2) in this book describe placeholders for furniture in order to provide scale and proof of concept for each space in the floor plan. The Design Build Team is responsible for final furniture development, selection, layouts and specifications, in a process that garners owner and user group input, feedback, and approval. All furniture selections must comply with university standards (see the link pspm.uic.edu).

Furniture will be purchased and installed by the University. All furniture must be provided by vendors who are a part of the IPECH Cooperative. The Illinois Public Higher Education Cooperative, “IPHEC,” is a cooperative organization comprised of all thirteen public institutions of higher education in Illinois, formed to advance the collective activities of the state’s public institutions primarily in the cooperative or group purchasing arena.

This page is intentionally left blank.

11.2 EQUIPMENT RESPONSIBILITY MATRIX

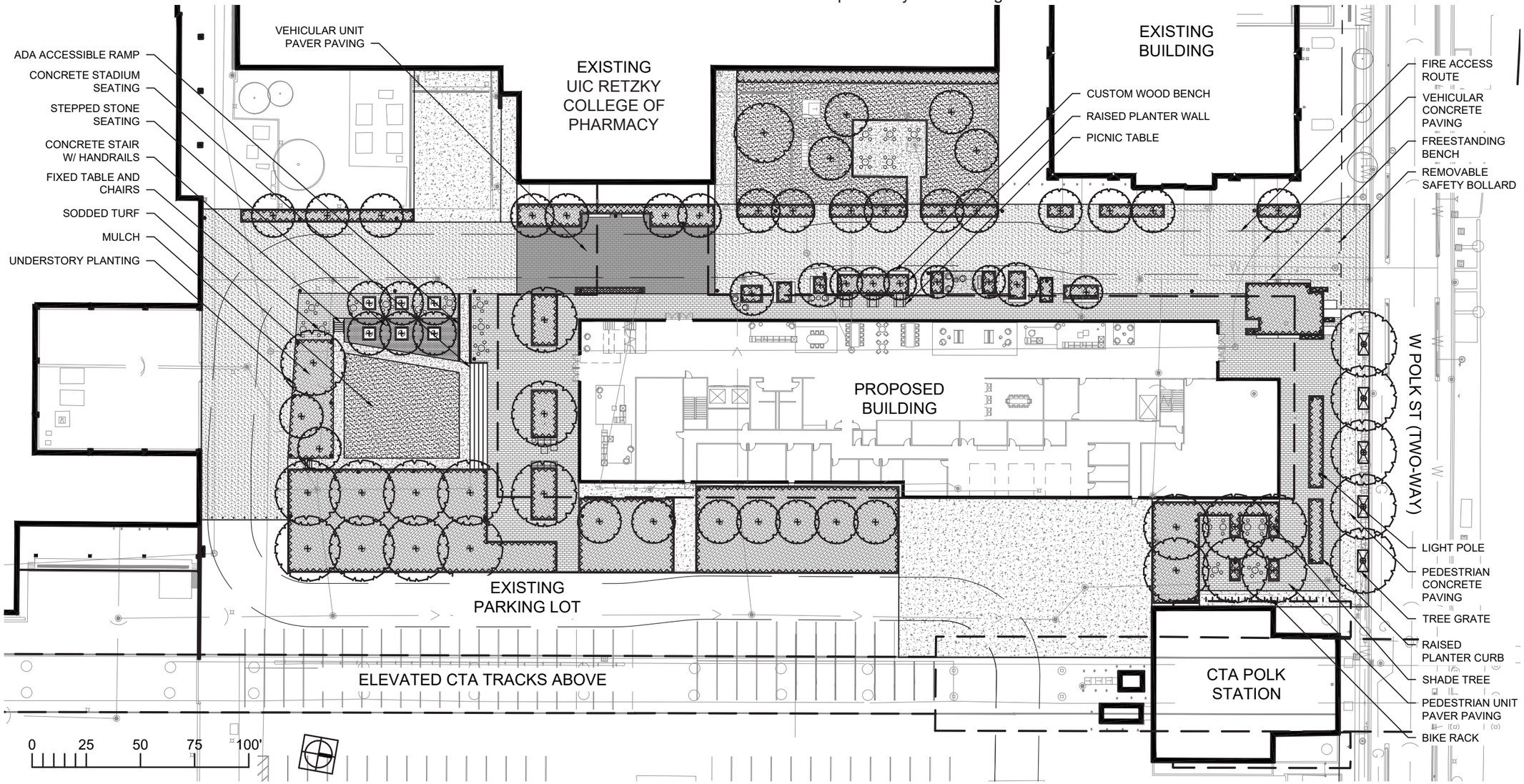
FIXTURES, FURNISHINGS, EQUIPMENT	FURNISHED BY			INSTALLED BY				TESTED & CERTIFIED BY			NOTES
	OWNER - UIC	*FUTURE FACULTY*	*DB CONTRACTOR*	*OWNER - UIC*	*FUTURE FACULTY*	*OWNER'S VENDOR*	*DB CONTRACTOR*	*OWNER - UIC*	*OWNER'S VENDOR*	*DB CONTRACTOR*	
Furniture	X					X			X		
Video Projectors	X					X			X		
Display Monitors	X					X			X		
Projection Screen			X				X			X	
Sound System			X				X			X	
Markerboard / Writing Surface			X				X			X	
Kitchen / Breakroom Appliances			X				X			X	
Other Office Equipment (Printers, etc.)	X	X		X	X			X			
LAB EQUIPMENT:											
Acid/Corrosive/Flammable Cabinets (Freestanding)			X				X			X	-
Acid/Corrosive/Flammable Cabinets (Under Fume Hood)			X				X			X	-
Advanced Imaging Microscopy - Core Lab	X	X		X		X	X	X			-
Analyzers	X	X		X				X			-
Autoclave / Sterilizer			X				X			X	-
Dryers for Glasswash	X						X		X		-
Bio Safety Cabinet (A2)			X				X			X	-
Bio Safety Cabinet (B2)			X				X			X	-
Blackout Shade / Curtain, Track & Side Channels			X				X				-
(Ultra) Centrifuge & Shakers	X	X		X				X			-
Coat Hooks			X				X				-
Cold Room (Walk-In) w/casework & fixtures			X				X			X	-
Computer	X			X				X			-
Core Lab	X					X	X	X	X		-
Cryofreezers	X	X		X	X						-
Cryostat	X	X		X	X						-
Deli Fridge	X	X		X	X						-
Drying Racks			X				X				-
Emergency Shower & Eyewash			X				X				-
Ultra Low Freezer (-20)	X	X		X							-
Ultra Low Freezer (-80)	X	X		X	X						-
Fume Hoods			X				X			X	-
Gas Cylinder Maniofolds			X				X			X	-
Gas Cylinder Racks & Restraints			X				X				-
Glasswasher			X				X			X	-
Ice Machine			X				X			X	-
Incubator	X	X		X	X			X	X		-
Lab Casework - (Fixed, Bench, Mobile, Tables, Tall storage, shelving, wall cabinets, Countertops)			X				X			X	-
Laser Curtain, Track and Valance			X				X				-
LC/MS, qTOF, GCMS, HPLC	X	X		X	X	X			X		-
Loading Dock - Compactors			X				X			X	-
Loading Dock - Leveler, Lift			X				X			X	-
Loading Dock & Vivarium - Pallet Jack	X			X				X			-
Microscopes	X	X		X	X						-
Misc. Research Equipment	X	X		X	X	X		X	X		-
Overhead Ceiling Utility Service Panel			X				X			X	-
PCR	X			X		X		X	X		-
Refrigerator (4C)	X	X		X	X						-
Server Racks			X			X	X		X	X	-
VIVARIUM EQUIPMENT:											-
Cage Rack (Mice)			X				X			X	-
Transfer Station			X				X			X	-
Tunnel Washer			X				X			X	-
Sterilizer			X				X			X	-
Cage and Rack Washer			X				X			X	-
Bottle Filling Station			X				X			X	-
Bedding Dispenser Unit			X				X		X		-
Bedding Disposal Unit			X				X		X		-
Dump Station			X				X		X		-
Irradiator (X-RAD320)	X					X			X		-
Isoflurane Machines	X					X			X		-
Euthanex	X			X				X	X		-
Anesthesia Delivery System (Somnosuite)	X			X				X	X		-
X-ray/Imaging Equipment	X			X		X			X		-
Refrigerator for research diet	X			X				X			-

12.0

PROOF OF CONCEPT

12.1 CONCEPTUAL SITE PLAN

This site plan is a proof of concept, used to help the owner and Bridging Documents team make decisions in defining the program of requirements, and testing the ability of the site to accommodate the majority of the owner's requirements at a conceptual level. It is not intended to imply the final design solution. Final design and compliance with codes and standards are the responsibility of the Design Build Team.



12.2 CONCEPTUAL FLOOR PLANS

B1 LEVEL

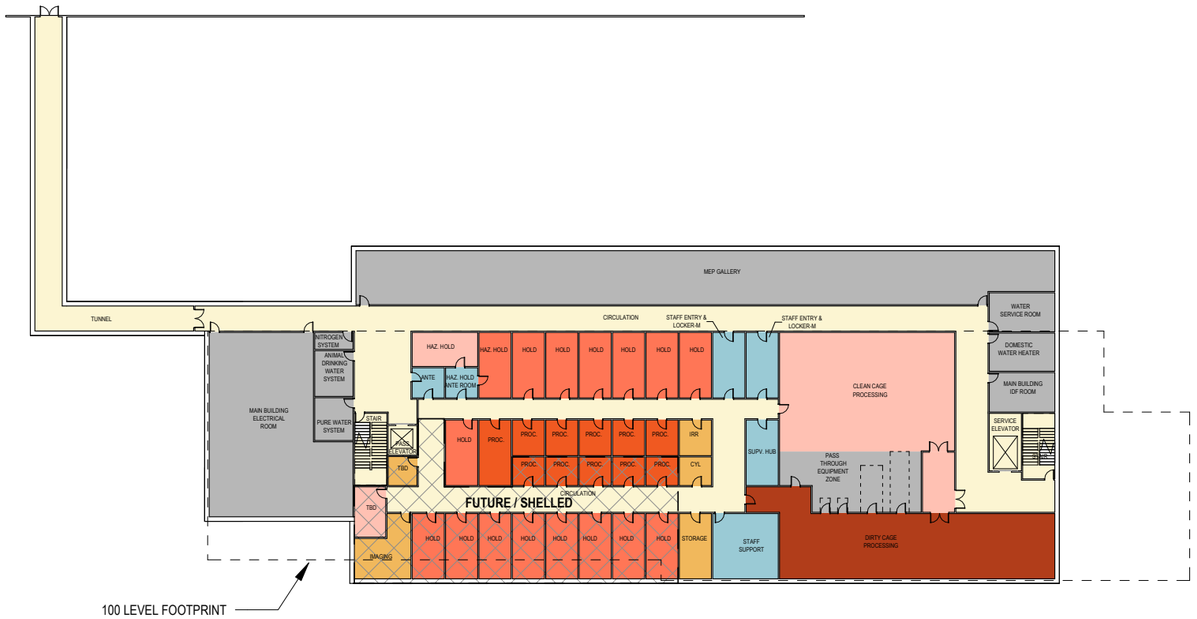
1" = 50'

0' 25' 50' 100'

N

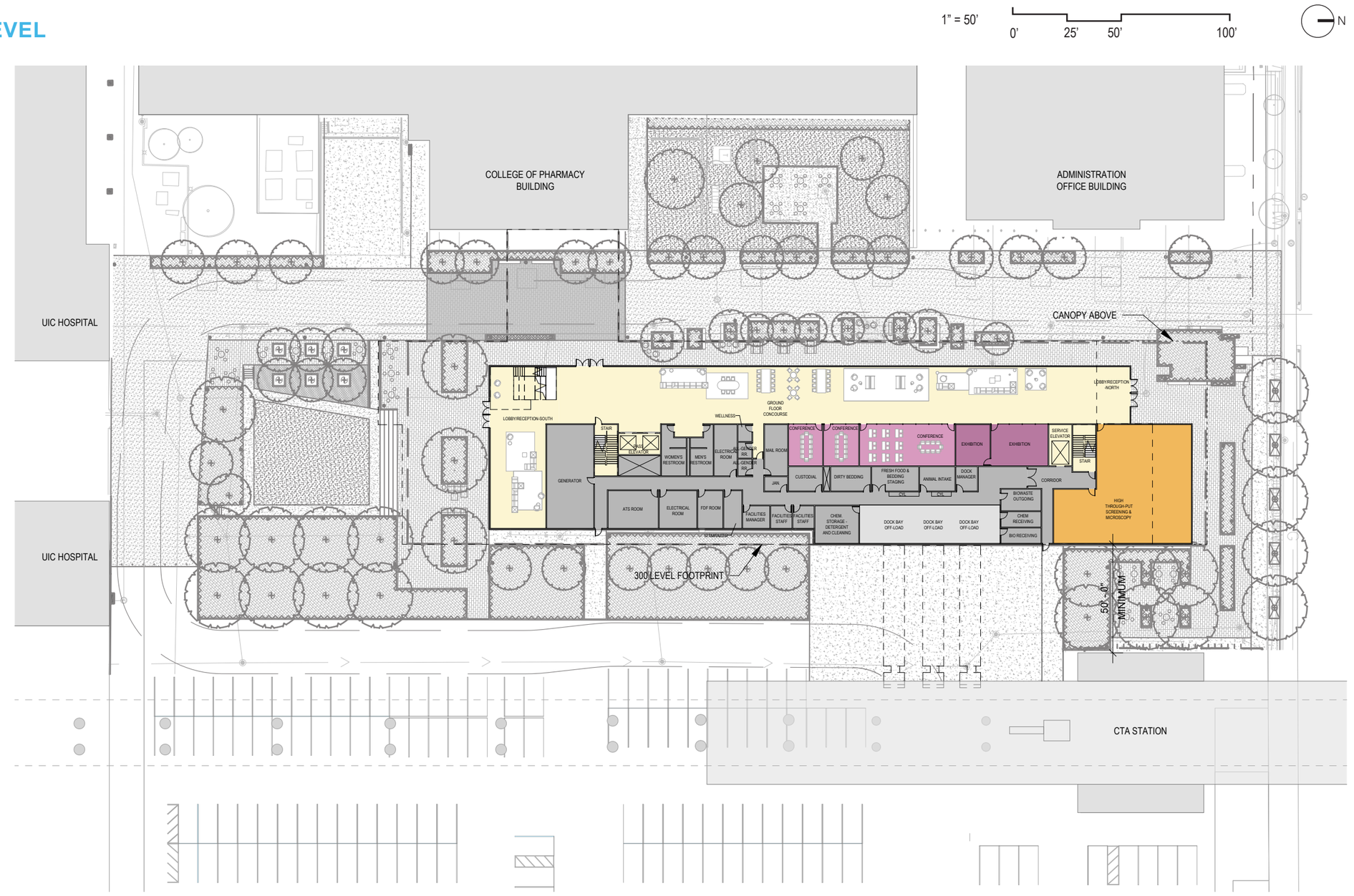
LEGEND

- circulation
- lab
- office
- exhibition
- meeting/break
- support
- vivarium



These floor plans are a proof of concept, used to help the owner and Bridging Documents team make decisions in defining the program of requirements, and testing the ability of the site to accommodate the majority of the owner's requirements at a conceptual level. It is not intended to imply the final design solution. Final design and compliance with codes and standards are the responsibility of the Design Build Team.

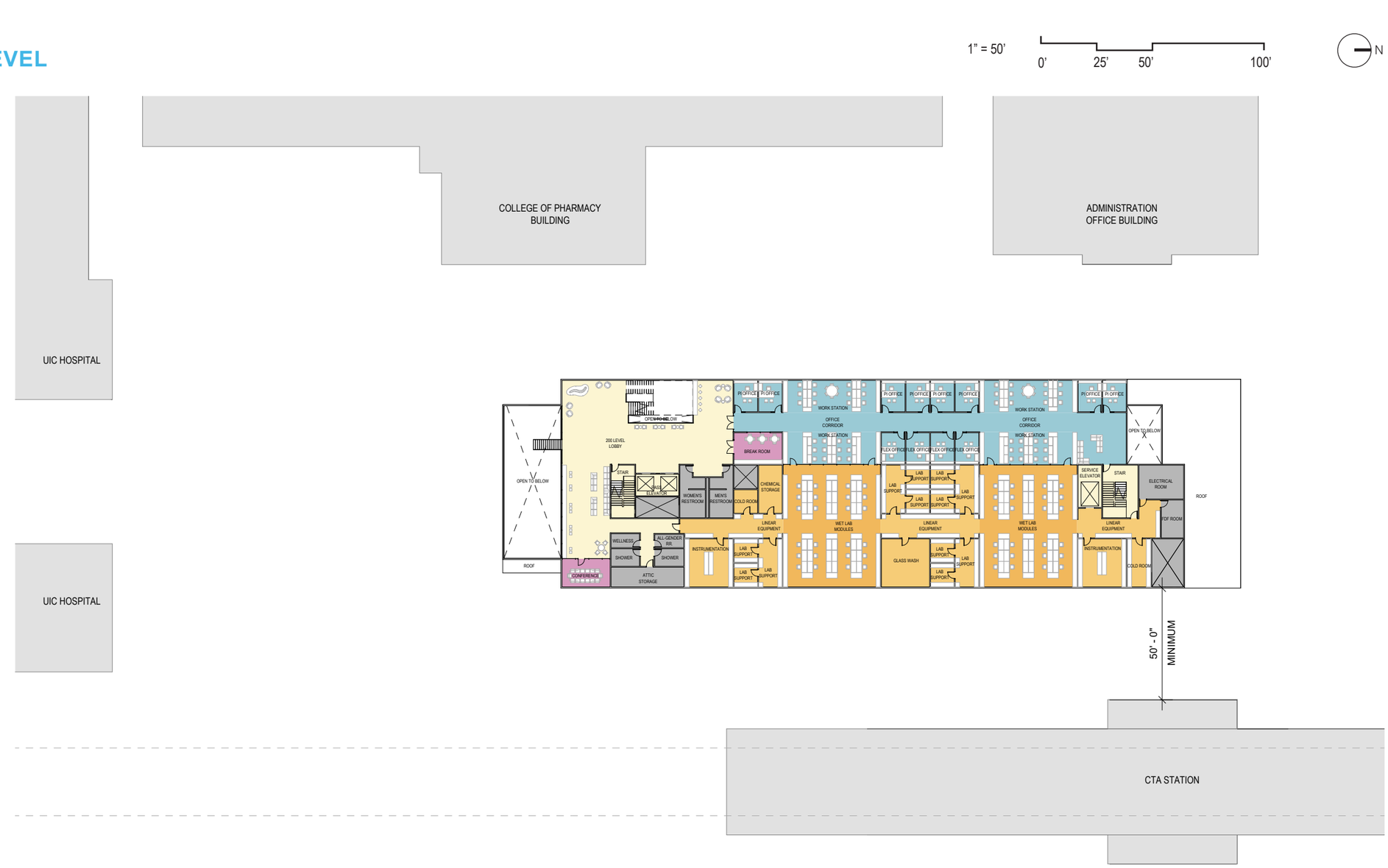
100 LEVEL



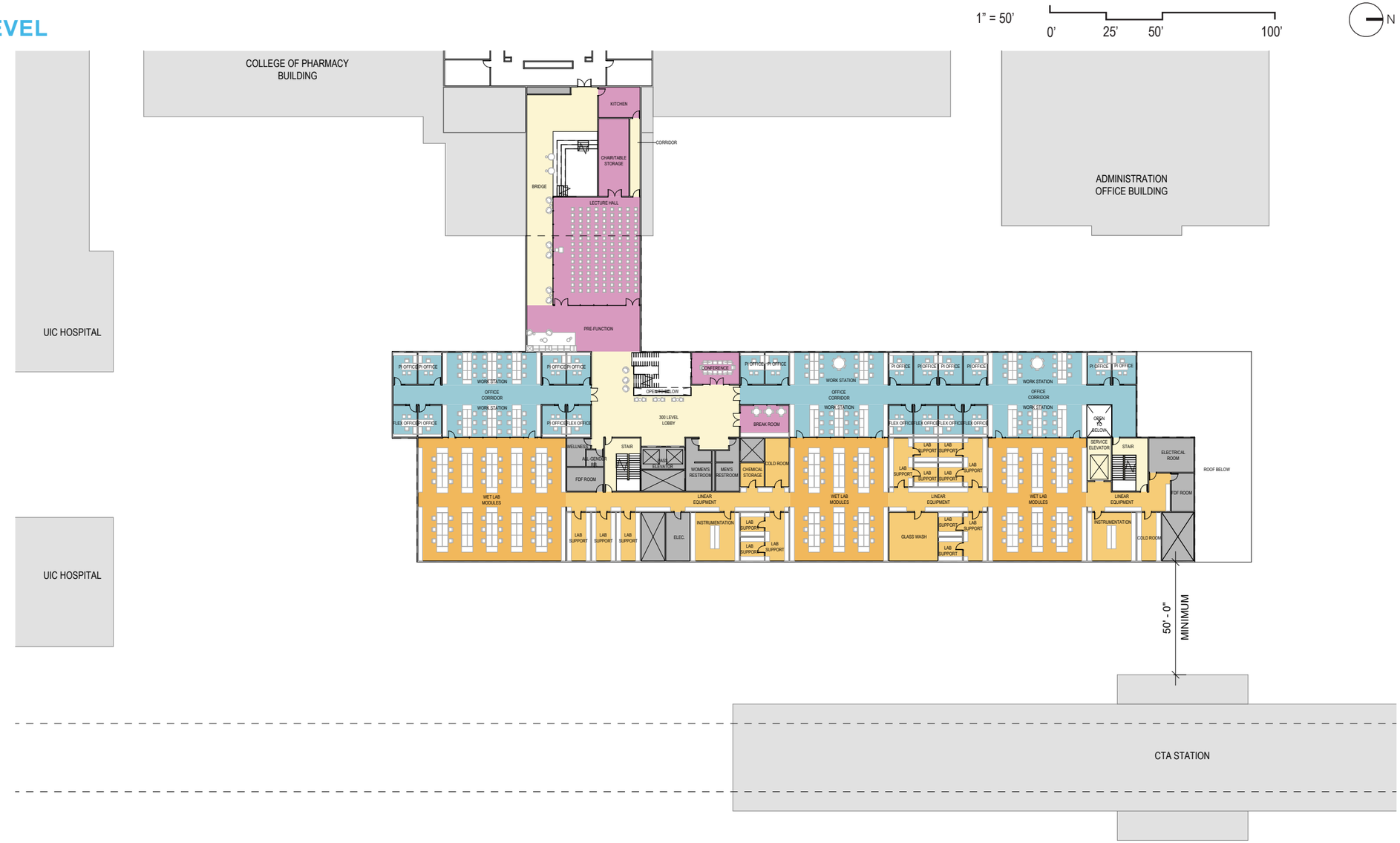
LEGEND

- circulation
- lab
- office
- exhibition
- meeting/break
- support
- vivarium

200 LEVEL


1" = 50'
0'
25'
50'
100'
N
LEGEND
circulation
lab
office
exhibition
meeting/break
support
vivarium
UIC HOSPITAL
COLLEGE OF PHARMACY BUILDING
ADMINISTRATION OFFICE BUILDING
200 LEVEL LOBBY
OPEN TO BELOW
BREAK ROOM
WORK STATION
OFFICE CORRIDOR
PI OFFICE
FLEX OFFICE
LAB SUPPORT
CHEMICAL STORAGE
COLD ROOM
WOMEN'S RESTROOM
MEN'S RESTROOM
STAIR
CARGO ELEVATOR
SERVICE ELEVATOR
ELECTRICAL ROOM
PENTHOUSE
ROOF
WELLNESS
SHOWER
ALL-GENDER RR
ATTIC STORAGE
CONFERENCE
LINEAR EQUIPMENT
WET LAB MODULES
INSTRUMENTATION
GLASS WASH
50' - 0" MINIMUM
CTA STATION

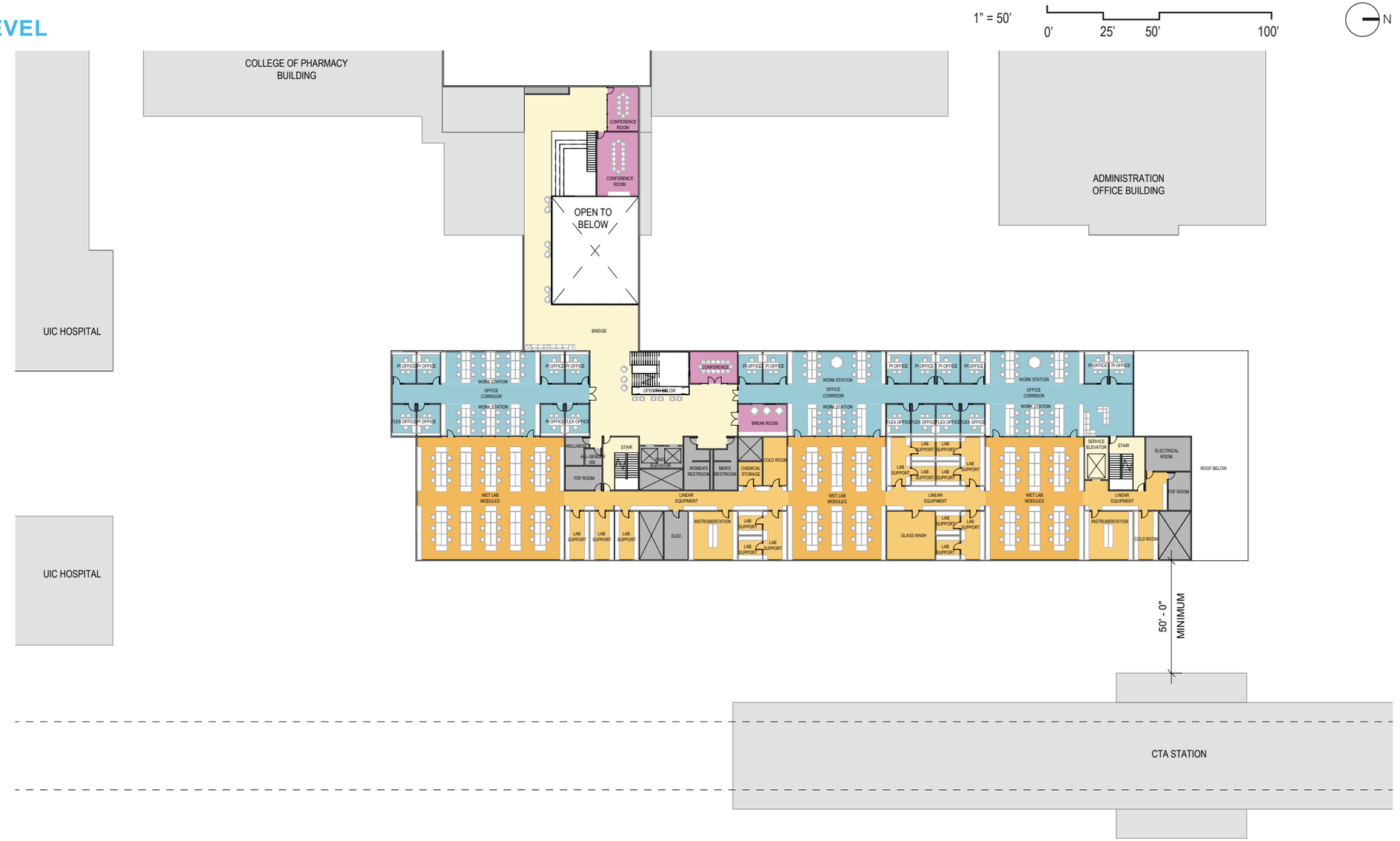
300 LEVEL



LEGEND

- circulation
- lab
- office
- exhibition
- meeting/break
- support
- vivarium

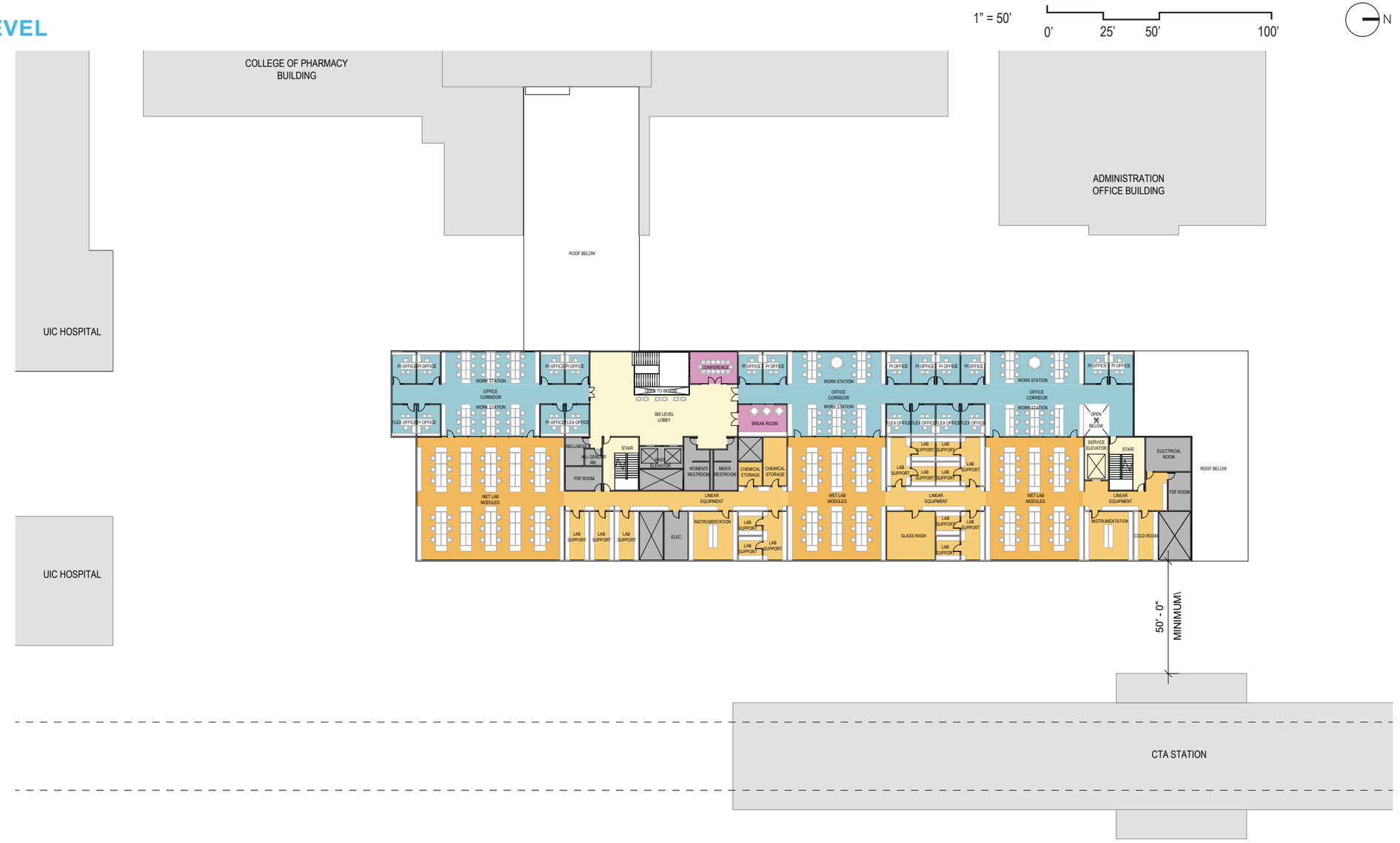
400 LEVEL



LEGEND

- circulation
- lab
- office
- exhibition
- meeting/break
- support
- vivarium

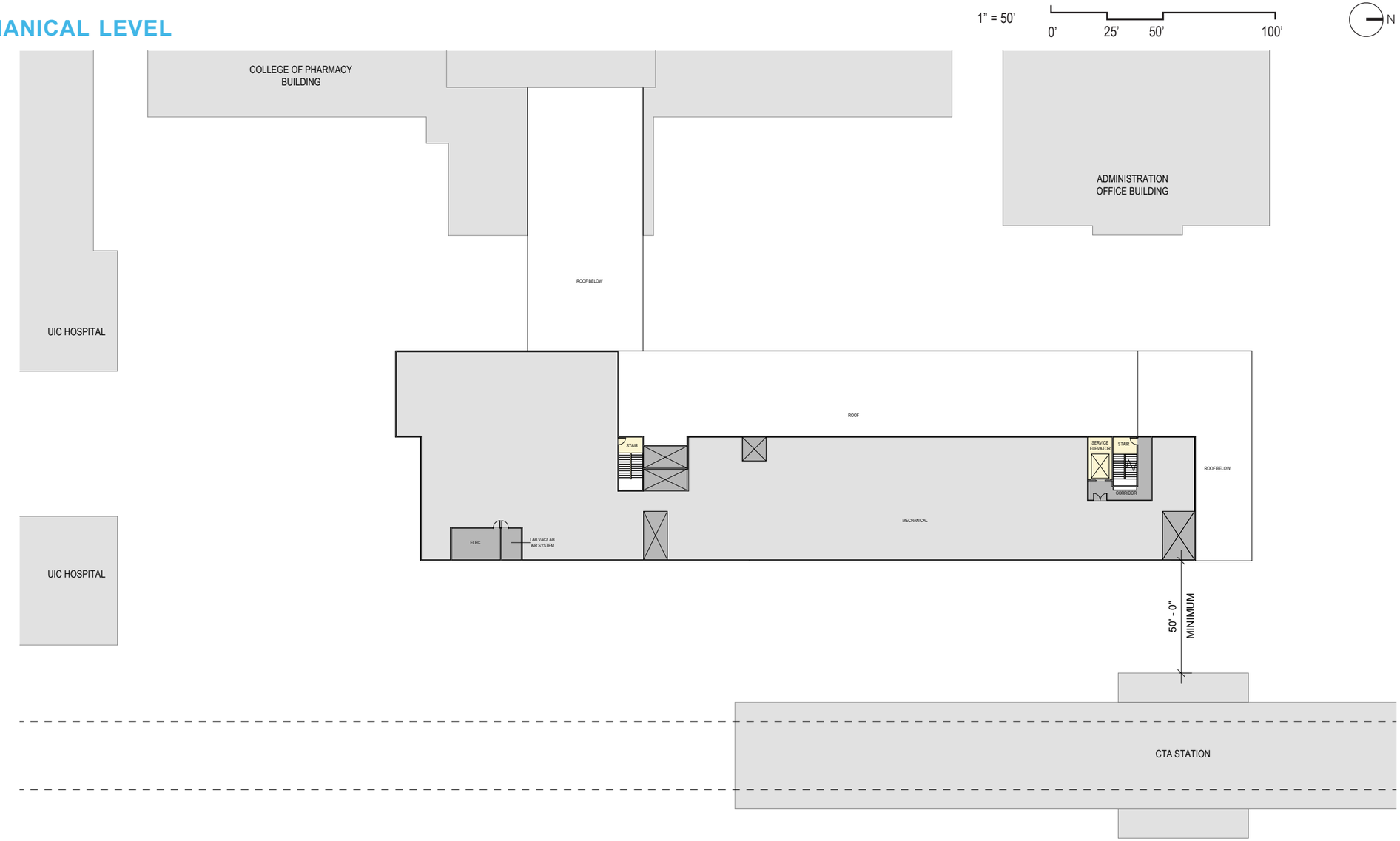
500 LEVEL



LEGEND

- circulation
- lab
- office
- exhibition
- meeting/break
- support
- vivarium

MECHANICAL LEVEL

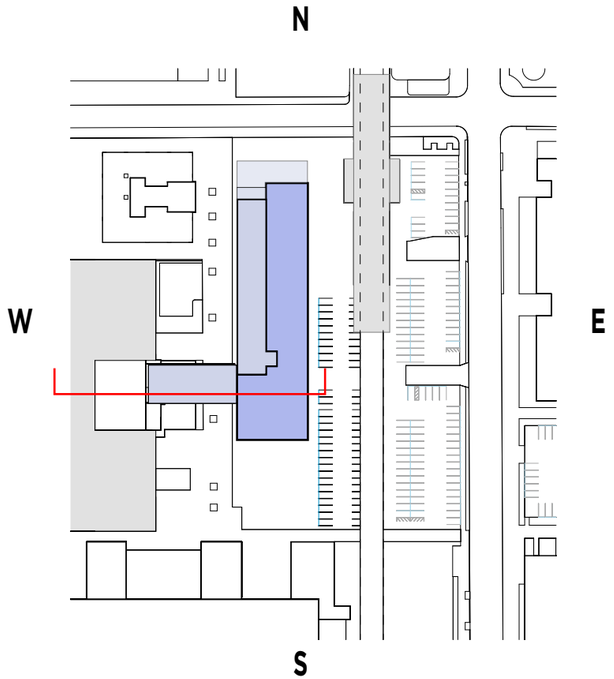


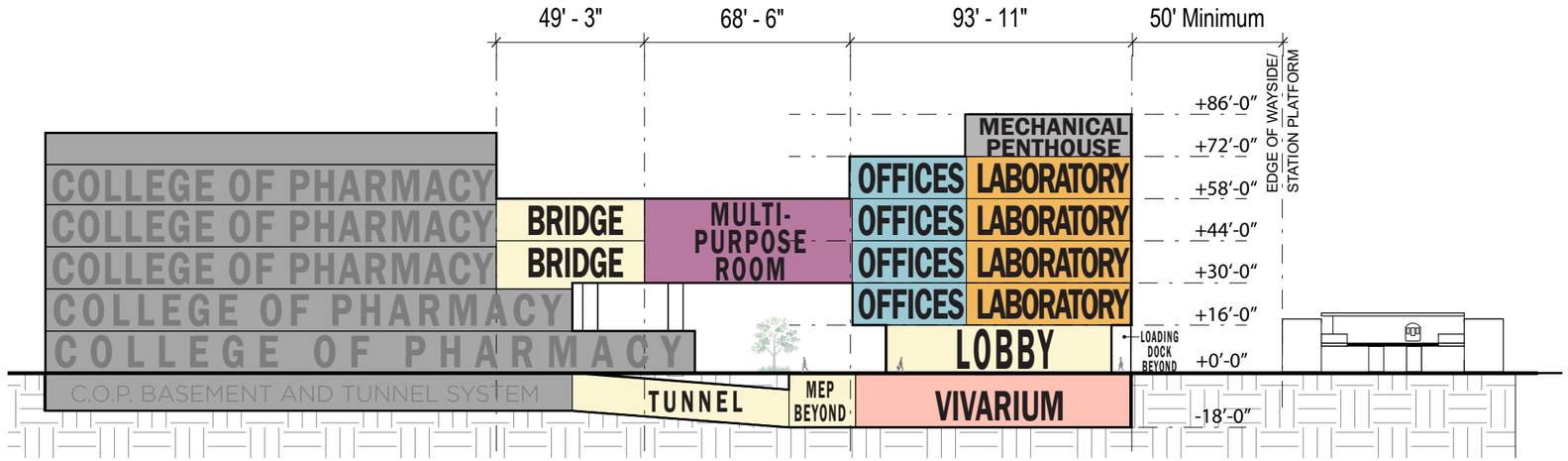
LEGEND

- circulation
- lab
- office
- exhibition
- meeting/break
- support
- vivarium

12.3 CONCEPTUAL BUILDING SECTION

This building section is a proof of concept, used to help the owner and Bridging Documents team make decisions in defining the program of requirements, and testing the ability of the site to accommodate the majority of the owner's requirements at a conceptual level. It is not intended to imply the final design solution. Final design and compliance with codes and standards are the responsibility of the Design Build Team.





12.4 CONCEPTUAL INTERIOR PERSPECTIVE

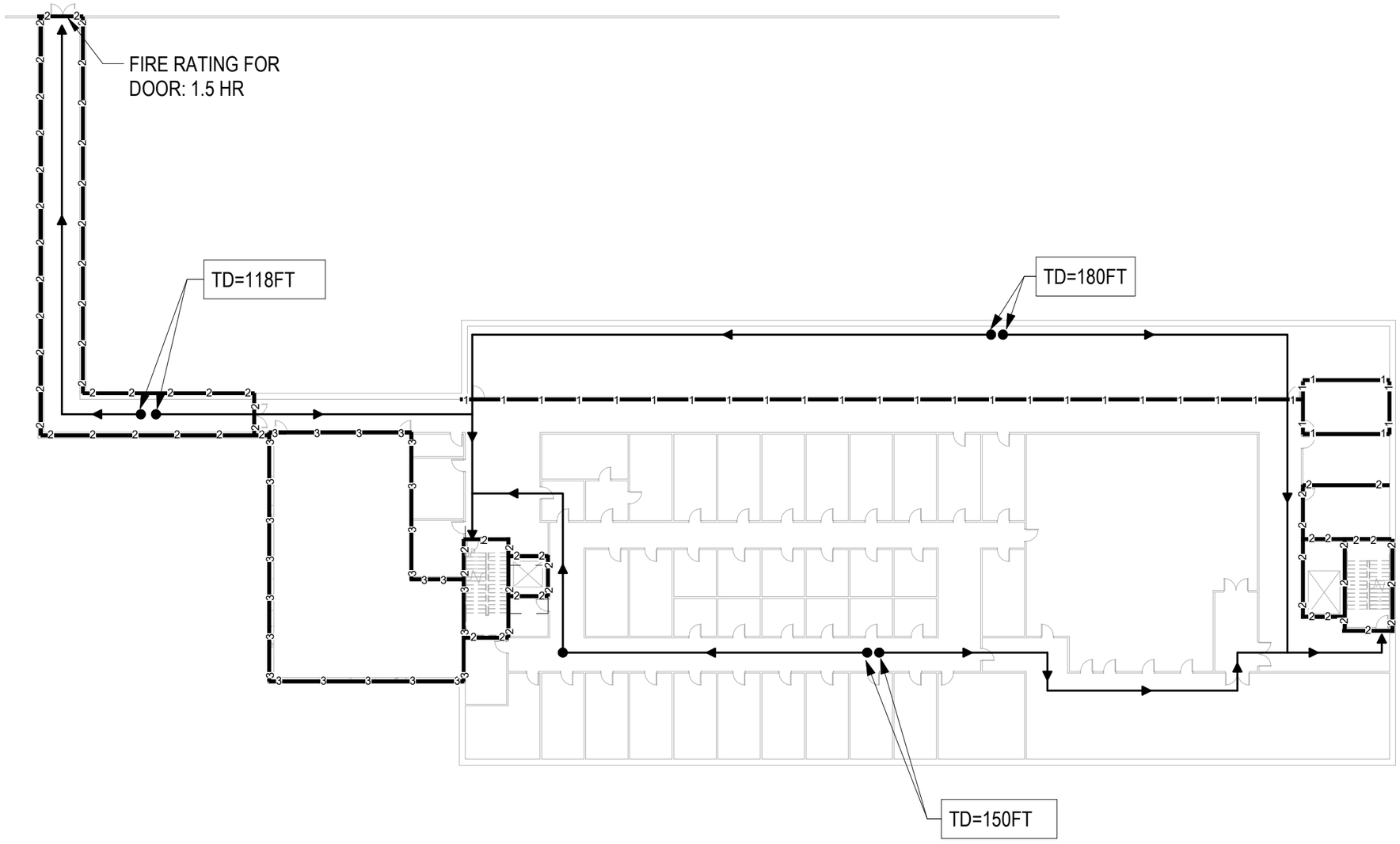
This rendering is illustrative and represents conceptual design intent only. It is not intended to imply the final design solution or required materials or systems. Final design and compliance with codes and standards are the responsibility of the Design Build Team.



12.5 CONCEPTUAL LIFE SAFETY DIAGRAMS

These life safety diagrams are a proof of concept, used to help the owner and Bridging Documents team make decisions in defining the program of requirements, and testing the ability of the site to accommodate the majority of the owner's requirements at a conceptual level and life safety. They are not intended to reflect the final design solution or code compliance. Final design and compliance with codes and standards are the responsibility of the Design Build Team.

BASEMENT LEVEL

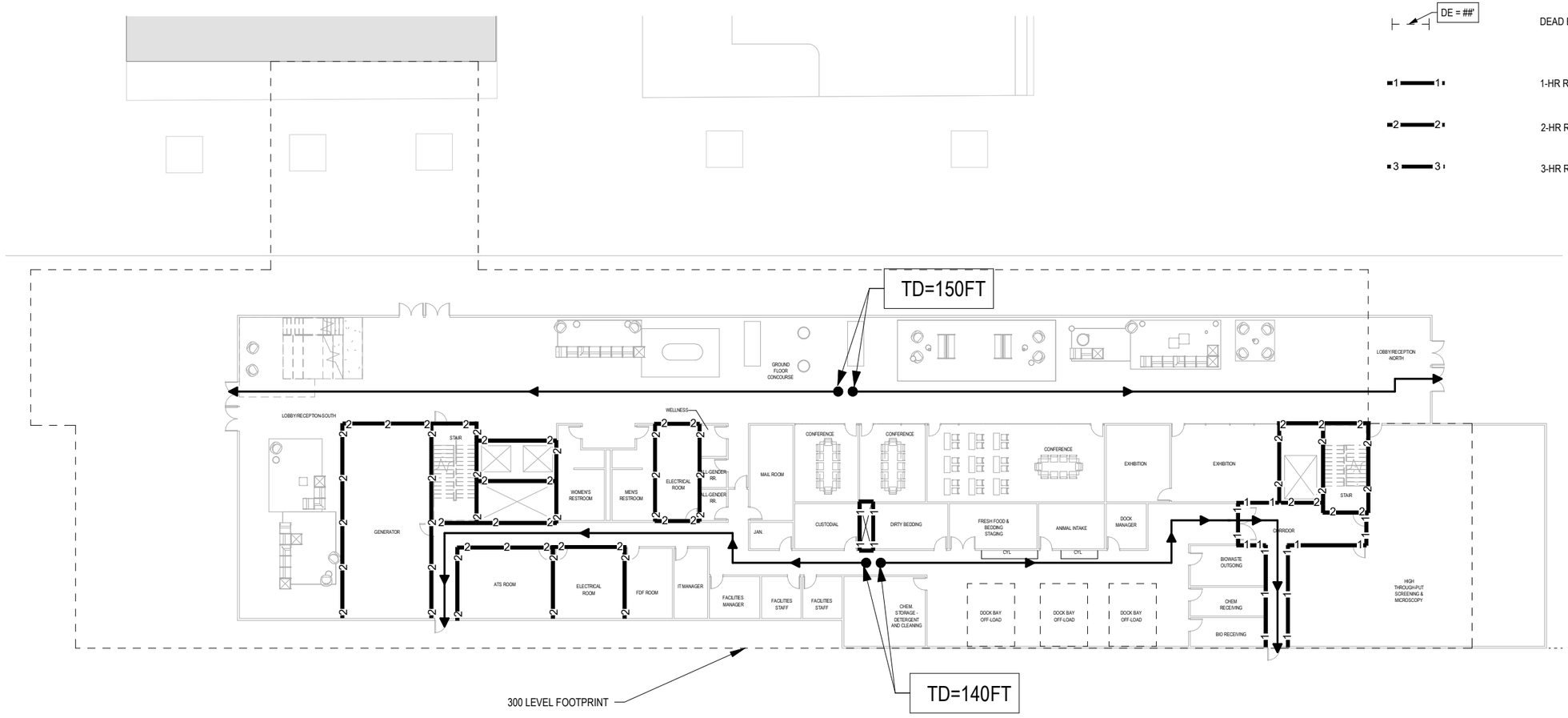


SYMBOLS: LIFE SAFETY PLAN

- TD = ##' — EXIT TRAVEL DISTANCE
- DE = ##' — DEAD END CORRIDOR DISTANCE
- 1-HR RATED WALL
- 2-HR RATED WALL
- 3-HR RATED WALL

N

100 LEVEL



SYMBOLS: LIFE SAFETY PLAN

TD = ##' — EXIT TRAVEL DISTANCE

DE = ##' — DEAD END CORRIDOR DISTANCE

1 — 1-HR RATED WALL

2 — 2-HR RATED WALL

3 — 3-HR RATED WALL

N

200 LEVEL

SYMBOLS: LIFE SAFETY PLAN

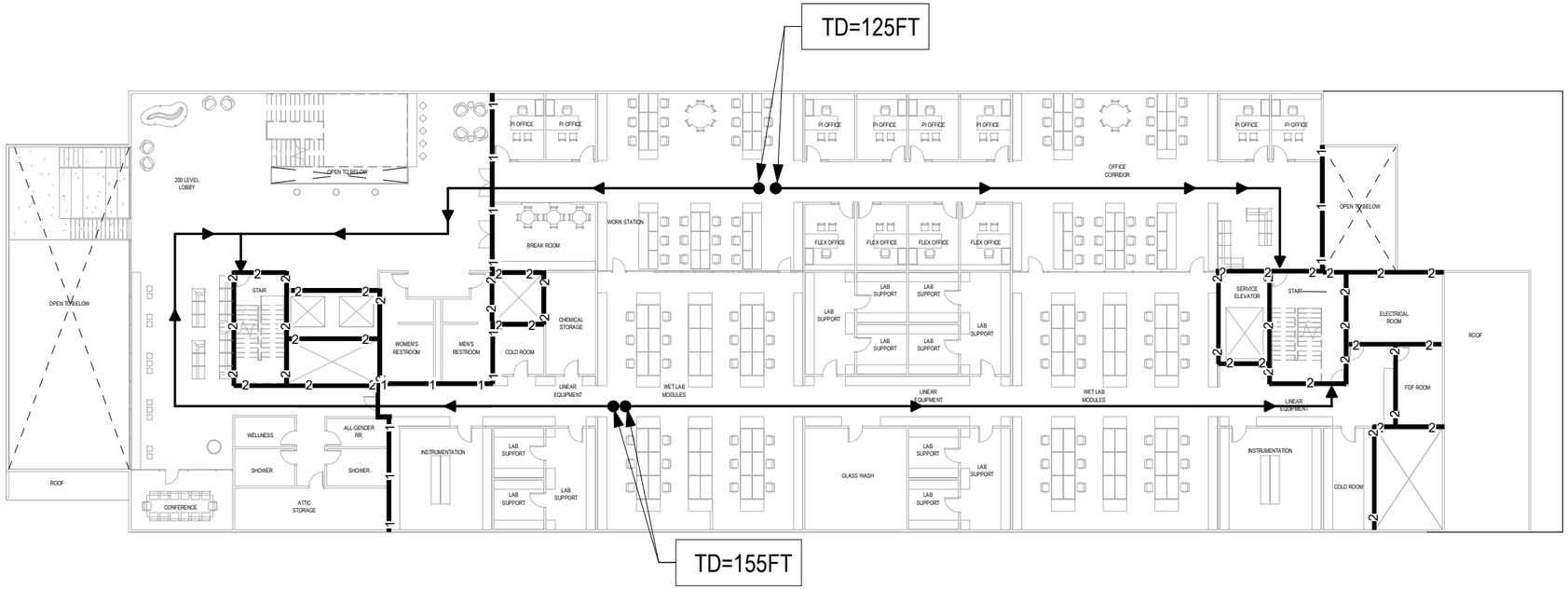
TD = ##' EXIT TRAVEL DISTANCE

DE = ##' DEAD END CORRIDOR DISTANCE

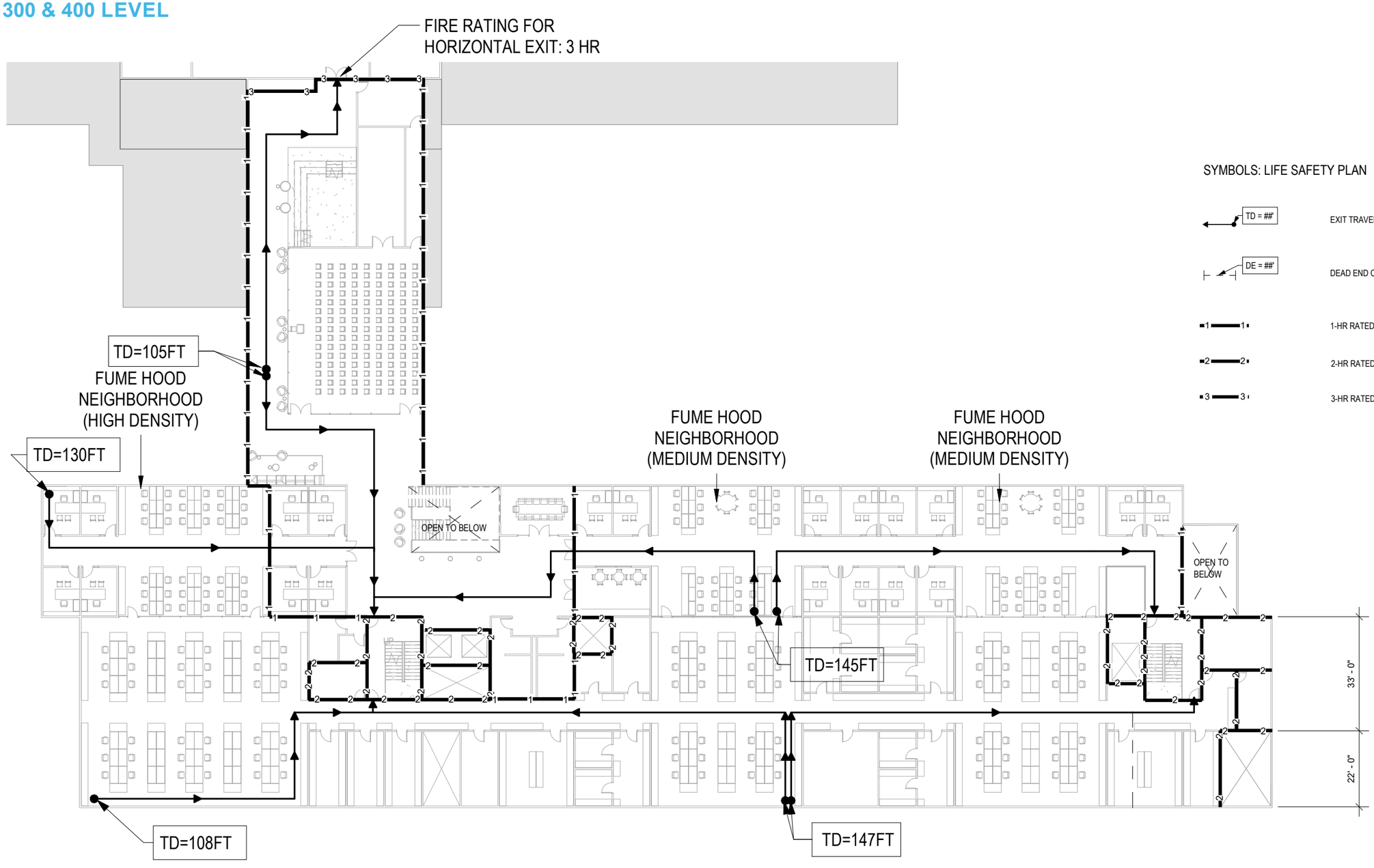
1-HR RATED WALL

2-HR RATED WALL

3-HR RATED WALL



300 & 400 LEVEL



SYMBOLS: LIFE SAFETY PLAN

- TD = ##' — EXIT TRAVEL DISTANCE
- DE = ##' — DEAD END CORRIDOR DISTANCE
- 1-HR RATED WALL
- 2-HR RATED WALL
- 3-HR RATED WALL

500 LEVEL

SYMBOLS: LIFE SAFETY PLAN

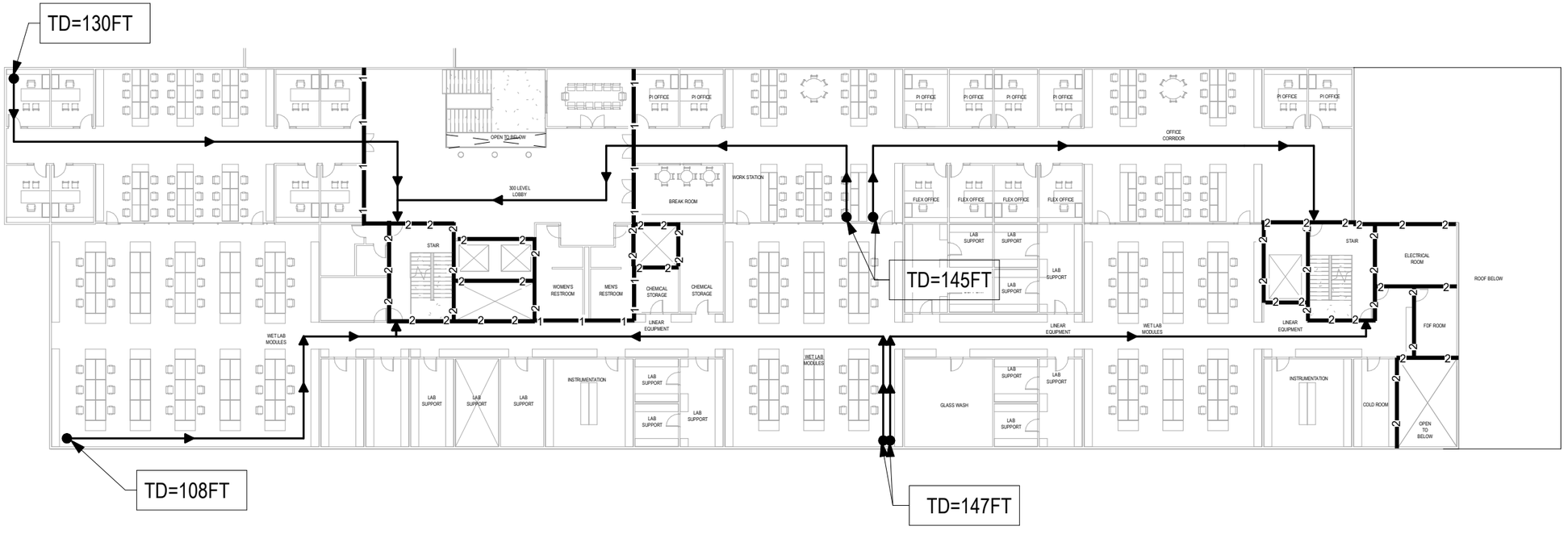
TD = ##' EXIT TRAVEL DISTANCE

DE = ##' DEAD END CORRIDOR DISTANCE

1-HR RATED WALL

2-HR RATED WALL

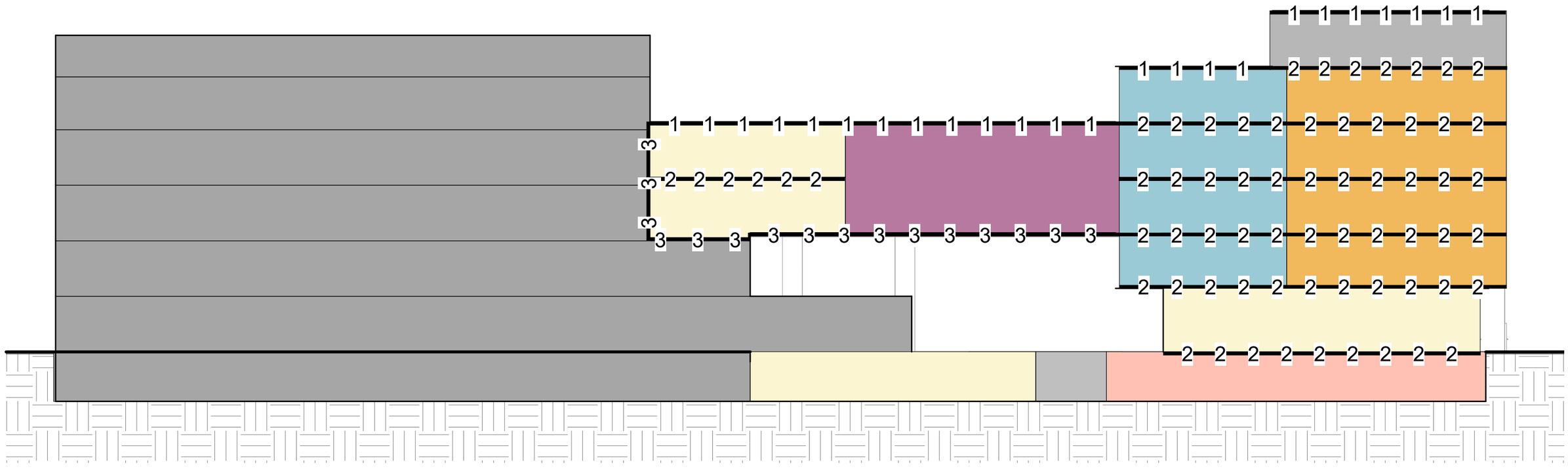
3-HR RATED WALL



SECTION

LEGEND

- circulation
- lab
- office
- exhibition
- meeting/break
- support
- vivarium



12.6 CONCEPTUAL STRUCTURAL PARTI

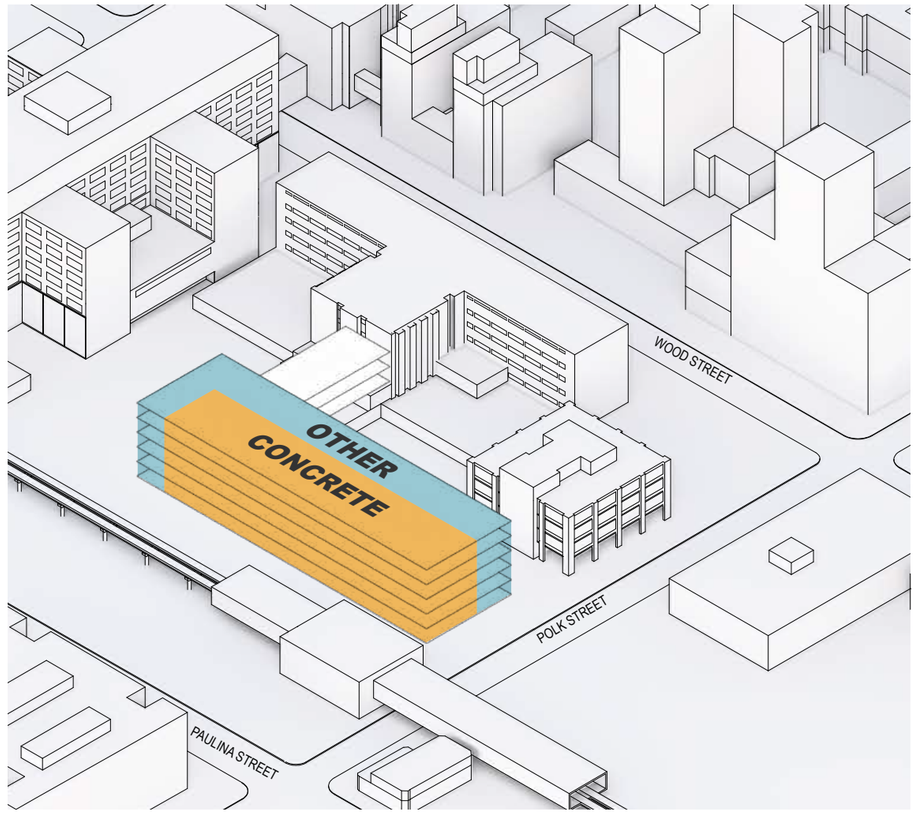
HYBRID STRUCTURAL SYSTEM

In this concept, the massing is split into the offices on the west side and the research labs on the east side. The two programs also define the structural system. The research labs, requiring restrictive vibration criteria, would have a concrete structural system. This leaves the office to explore other options for flexibility, aesthetics, or sustainability. The new DDCRP building design would also express this hybrid structural system through its architecture.

This structural parti is a proof of concept, used to help the owner and Bridging Documents team make decisions in defining the program of requirements, and testing the ability of the site to accommodate the majority of the owner's requirements at a conceptual level. It is not intended to imply the final design solution or code compliance. Final design and compliance with codes and standards are the responsibility of the Design Build Team.

LEGEND

- lab
- office

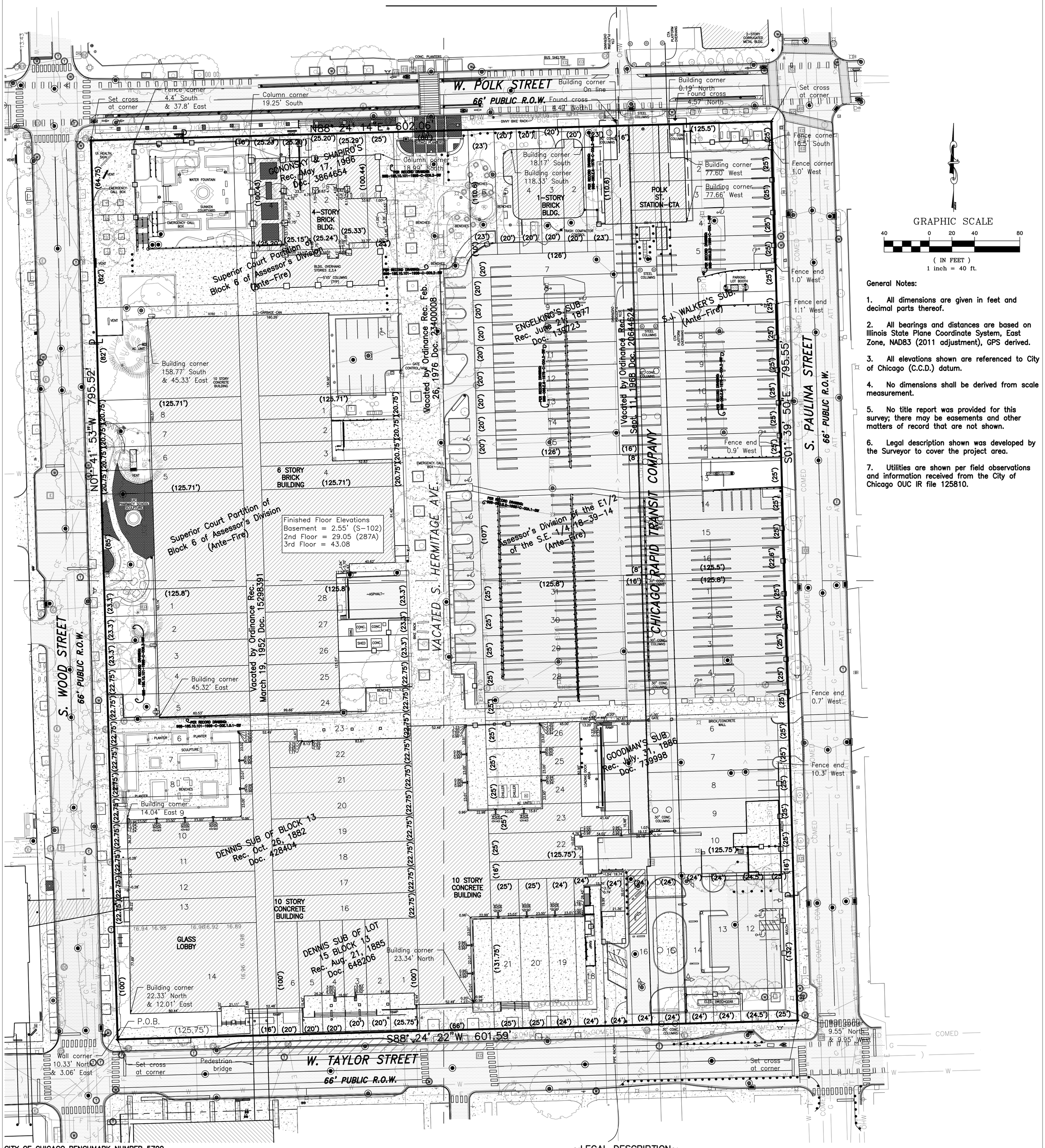


13.0

REFERENCE DOCUMENTS

13.1 PLAT OF SURVEY

PLAT OF SURVEY



GRAPHIC SCALE

40 0 20 40 80

(IN FEET)
1 inch = 40 ft.

General Notes:

1. All dimensions are given in feet and decimal parts thereof.
2. All bearings and distances are based on Illinois State Plane Coordinate System, East Zone, NAD83 (2011 adjustment), GPS derived.
3. All elevations shown are referenced to City of Chicago (C.C.D.) datum.
4. No dimensions shall be derived from scale measurement.
5. No title report was provided for this survey; there may be easements and other matters of record that are not shown.
6. Legal description shown was developed by the Surveyor to cover the project area.
7. Utilities are shown per field observations and information received from the City of Chicago OUC IR file 125810.

CITY OF CHICAGO BENCHMARK NUMBER 5700
Mark cut at the Northwest corner and top of "ventilation well" concrete wall on the North side of multi story brick building. Located approximately 44 feet south of the centerline of W. Polk Street and 201 feet East of the centerline of South Damen Avenue.

Elevation = 17.114'

CITY OF CHICAGO BENCHMARK NUMBER 5701
Mark cut at the Southeast corner of stone window-sill on the East side of 2 story brick building. Mark is about 3 feet about the sidewalk. Located approximately 54 feet North of the North line of West Taylor Street and on the West line of S. Oakley Boulevard.

Elevation = 16.391'

Site Benchmark #1
Chain bolt of fire hydrant on West Line of S. Wolcott Avenue at the intersection of W. Grenshaw Street (south of project area; not shown)

Elevation = 14.37'

Site Benchmark #2
Chain bolt of fire hydrant at the southeast corner of W. Taylor Street and S. Wolcott Avenue (west of project area; not shown)

Elevation = 14.56'

Site Benchmark #4
Chiseled "X" on northeasterly bolt of fire hydrant at the northeast corner of W. Taylor Street and S. Wood Street

Elevation = 14.12'

The accompanying plat is a scaled representation of the physical situation which was found in the field and shows the location of visible evidence of utilities which was found at the time of the field survey of these premises; underground lines are based on supplied plans, unless otherwise specified. No attempt has been made as part of this survey to excavate, uncover or expose those facilities to field check the existence, size, depth, condition, capacity or exact location of those facilities. For more information concerning those utilities, please contact the appropriate public agencies or utility company.

LEGEND AND ABBREVIATIONS:

	PROPERTY LINE
	BUILDING
	CONCRETE
	ASPHALT
x x	CHAIN LINK FENCE
	IRON FENCE
	WOOD FENCE
	GUARDRAIL
●	FOUND PK NAIL
●	FOUND REBAR
○	SET IRON ROD/PIPE
○	SET MAG NAIL
+	SET/FOUND CUT CROSS
(100.00')	RECORD DIMENSION
100.00'	MEASURED DIMENSION

~LEGAL DESCRIPTION~

That part of the East Half of the Southeast Quarter of Section 18, Township 39 North, Range 14 East of the Third Principal Meridian described as follows:

Beginning at the Southwest corner of Lot 14 in Dennis Subdivision of Block 13 in Assessor's Subdivision of the East Half of the Southeast Quarter of said Section 18, according to the plat thereof recorded October 26, 1882 as Document number 428404, said point also being on the East line of South Wood Street and on the North line of West Taylor Street; thence North 1 degree 41 minutes 53 seconds West along the East line of said South Wood Street 795.52 feet to the South line of West Polk Street, said point also being the Northwest corner of Superior Court Partition of Block 6 of said Assessor's Division; thence North 88 degrees 24 minutes 14 seconds East along the South line of said West Polk Street 602.06 feet to the West line of South Paulina Street, said point also being the Northeast corner of Lot 1 in S.J. Walker's Subdivision; thence South 1 degree 39 minutes 50 seconds East along the West line of said South Paulina Street 795.55 feet to the North line of said West Taylor Street, said point also being the Southeast corner of Lot 11 in Goodman's Subdivision according to the plat thereof recorded July 31, 1886 as Document number 739998; thence South 88 degrees 24 minutes 22 seconds West, along the North line of said West Taylor Street, 601.59 feet to the Point of Beginning, EXCEPT that part taken for Railroad right of way, in Cook County, Illinois.

Said Parcel containing 10.991 acres (478,774 sq. ft.), more or less.

STATE OF ILLINOIS
COUNTY OF COOK

We, Terra Engineering, Ltd., Illinois Professional Design Firm 184-003610, hereby certify that the property hereon described was surveyed under the direct supervision of an Illinois Professional Land Surveyor and that this Professional Service conforms to the current Illinois Minimum Standards for a Boundary & Topographic Survey.

Given under my hand and seal in Chicago, Illinois, this 11th day of December, 2025.

Terra Engineering, Ltd.

MATTHEW A. WESTERKAMP, ILLINOIS LAND SURVEYOR NO. 4148
LICENSE EXPIRATION 11-30-2026

Field work completed November 19, 2025

PROFESSIONAL LAND SURVEYOR * MATTHEW A. WESTERKAMP 35-4148 CHICAGO * STATE OF ILLINOIS

* SEE SHEETS 2 THROUGH 5 FOR TOPOGRAPHIC INFORMATION

#	Date	Description
0	12-11-25	Issued

TERRA ENGINEERING LTD.
225 W. Ohio Street, 4th Floor, Chicago, IL 60654
TEL: (312) 467-0123
FAX: (312) 467-0220
www.terraengineering.com
ILLINOIS PROFESSIONAL DESIGN FIRM 184-003610

Project Information
PROJECT #: 25-279
DRAWN BY: DF/IS
CHECKED BY: MAW
APPROVED BY: MAW
CLIENT:
HOLABIRD & ROOT
410 S. DEARBORN ST., SUITE 500
CHICAGO, IL 60603

CDB UIC DDCRP
1732 W TAYLOR STREET
CHICAGO,IL 60612

Dec 11, 2025 - 6:39pm
V:_2025\(25-142) UIH CDU\SURVEY\DRAWING\25-279 CDB UIC DDCRP.dwg
MatthewW

13.2 TOPOGRAPHIC SURVEY

PLAT OF SURVEY

SEE SHEET 3

SEE SHEET 5

VACATED S. HERMITAGE AVE.

MH-7051
CATCHBASIN
RIM ELEV.=12.54
INV. NE(8")=8.00
T/W ELEV.=7.84
T/D ELEV.=7.74

MH-6260
CATCHBASIN
RIM ELEV.=14.62
INV. N(36")=7.46
INV. S(36")=7.78
T/W ELEV.=7.32
T/D ELEV.=5.12

MH-7217
SANITARY SEWER
RIM ELEV.=14.36
INV. NE(18")=6.45
INV. S(12")=5.89
INV. S(15")=6.10

MH-6542
SANITARY SEWER
RIM ELEV.=12.04
INV. N(24")=4.34
INV. E(24")=4.54

MH-6540
SANITARY SEWER
RIM ELEV.=13.06
INV. E(24")=5.36
INV. S(18")=5.56

MH-5814
CURB INLET
RIM ELEV.=12.83
INV. E(8")=10.67

MH-5845
CURB INLET
RIM ELEV.=12.52
INV. W(8")=9.82

MH-5846
CATCHBASIN
RIM ELEV.=13.44
INV. SW(12")=9.74
T/W ELEV.=9.74
T/D ELEV.=6.34

MH-5812
SANITARY SEWER
RIM ELEV.=13.91
INV. NE(12")=6.89
INV. N(12")=6.88
INV. S(12")=6.51

MH-5813
CATCHBASIN
RIM ELEV.=13.57
INV. SE(12")=6.17
T/W ELEV.=7.27
T/D ELEV.=4.97

MH-5917
COMBINATION SEWER
RIM ELEV.=12.93
INV. E(8")=7.33
INV. S(8")=7.41
INV. NE(8")=7.23
INV. N(8")=7.33

MH-5918
CATCHBASIN
RIM ELEV.=12.73
INV. E(8")=6.48
T/W ELEV.=7.43
T/D ELEV.=3.23

MH-10524
SANITARY SEWER
RIM ELEV.=14.00
INV. SW(18")=6.30
INV. N(18")=6.10
INV. SE(12")=8.30

MH-10523
CATCHBASIN
RIM ELEV.=13.84
INV. NW(12")=5.04
T/W ELEV.=4.84
T/D ELEV.=2.29

MH-5016
CURB INLET
RIM ELEV.=12.71
INV. E(8")=10.21
T/W ELEV.=10.16
T/D ELEV.=8.21

MH-5014
SANITARY SEWER
RIM ELEV.=13.88
INV. N(12")=6.13
INV. S(15")=6.13
INV. E(8")=6.88
INV. W(8")=6.98

MH-5107
CURB INLET
RIM ELEV.=12.86
INV. E(8")=11.14

MH-5108
CATCHBASIN
RIM ELEV.=13.57
INV. W(8")=10.77
T/W ELEV.=7.57
T/D ELEV.=6.57

MH-5110
CATCHBASIN
RIM ELEV.=13.48
INV. W(8")=9.88
INV. E(8")=8.88
T/W ELEV.=9.48
T/D ELEV.=4.83

MH-5111
CURB INLET
RIM ELEV.=12.63
INV. W(8")=9.73

MH-5109
SANITARY SEWER
RIM ELEV.=13.93
INV. N(15")=6.18
INV. NE(8")=6.43

MH-10480
CATCHBASIN
RIM ELEV.=13.23
INV. N(8")=7.59
INV. S(4")=9.93
T/W ELEV.=8.11
T/D ELEV.=4.78
Bench

MH-5138
WATER VALVE VAULT
RIM ELEV.=13.90
*PIPE SUBMERGED IN WATER
T/K ELEV.=9.75
T/D ELEV.=8.30

MH-5139
WATER VALVE VAULT
RIM ELEV.=13.72
T/P N/S(12")=8.46
T/K ELEV.=10.47
T/D ELEV.=7.42

MH-5140
WATER VALVE VAULT
RIM ELEV.=13.76
*PIPE SUBMERGED IN WATER
T/K ELEV.=10.16
T/D ELEV.=8.46

MH-10565
WATER VALVE VAULT
RIM ELEV.=14.86
T/P E/W(8")=8.61
T/P E/W(8")=8.60
T/K ELEV.=7.56
T/D ELEV.=6.76

MH-107933
CATCHBASIN
RIM ELEV.=12.33
CAR ON TOP

MH-5768
CATCHBASIN
RIM ELEV.=12.36
CAR ON TOP

MH-107661
SANITARY SEWER
RIM ELEV.=13.69
INV. E(12" VCP)=6.29
INV. W(12" VCP)=6.29

MH-5751
SANITARY SEWER
RIM ELEV.=13.57
INV. E(12" VCP)=6.42
INV. W(12" VCP)=6.42

MH-27
WATER VALVE VAULT
RIM ELEV.=13.23
T/P N-S(8" DIP)=8.73
T/K ELEV.=10.73
T/D ELEV.=7.93

MH-105560
SANITARY SEWER
RIM ELEV.=13.69
INV. E(12" VCP)=6.04
INV. W(12" VCP)=6.04

MH-5536
CATCHBASIN
RIM ELEV.=12.97
INV. NE(8" VCP)=9.97
INV. S(8" VCP)=7.67
T/W ELEV.=7.67
T/D ELEV.=5.37

MH-5349
CATCHBASIN
RIM ELEV.=13.02
UNABLE TO OPEN

MH-5535
INLET
RIM ELEV.=12.76
INV. SW(8" VCP)=10.26

MH-5350
CURB INLET
RIM ELEV.=12.74
INV. NW(8" VCP)=10.24

AT&T MH

10 STORY CONCRETE BUILDING

CHICAGO RAPID TRANSIT COMPANY

GOODMAN'S SUB
Rec. July. 31, 1886
Doc. 739988

S. PAULINA STREET
66' PUBLIC R.O.W.

W. TAYLOR STREET
66' PUBLIC R.O.W.

22"W 601.59'

BRICK/CONCRETE WALL

30" CONC. COLUMNS

CHILLER
CHILLER
AC
AC UNITS

LOADING DOCK AREA

RAMP

GATE

Camera
Camera
Camera

Entry card reader

Electric box

4' Iron fence

Brick fence

5.5' Iron fence

36" conc. planter

Vault

ELEC. SWITCHGEAR

Bike rack

Bike rack

Trash can

Drain

Pipe bridge

PIPE RACKS

CTA elevated tracks

Steel column (Typ.)

Conc. column (Typ.)

Edge of CTA structures

Rubber bollards (typ.)

8" WATER
15" SEWER
36" WATER
12" WATER
24" GAS
42" GAS
15" SEWER

MULCH

GRAPHIC SCALE

20 0 10 20 40

(IN FEET)
1 inch = 20 ft.

LEGEND AND ABBREVIATIONS:

PROPERTY LINE	))	COMBINATION SEWER	MANHOLE	BUSH
BUILDING	)	SANITARY SEWER	WATER MANHOLE	POST
	>	STORM SEWER	ELECTRIC MANHOLE	SIGN
	W	WATER LINE	TELEPHONE MANHOLE	BOLLARD
CONCRETE	G	GAS LINE	CURB INLET	SPRINKLER
	COM	COMMUNICATION LINE	CATCH BASIN	CLEANOUT
	T	TELEPHONE LINE	AREA DRAIN	STAND PIPE 1 CONNECTION
ASPHALT	ATT	AT&T LINE	UTILITY POLE	STAND PIPE 2 CONNECTIONS
	OHW	OVERHEAD WIRE LINE	POWER POLE W/LIGHT	STAND PIPE 3 CONNECTIONS
	COMED	COMED ELECTRIC LINE	POWER POLE W/TRANSFORMER	STAND PIPE (STAND ALONE)
GRAVEL	E	UNDERGROUND ELECTRIC LINE	LIGHT POLE	ELECTRIC OUTLET
	F	FIBER OPTIC LINE	FIRE HYDRANT	GUY WIRE
SAND	SBC	SBC COMMUNICATION LINE	GAS VALVE	GARBAGE CAN
	MCI	MCI COMMUNICATION LINE	GAS METER	FLAG POLE
DEPRESSED CURB	x 100.00	GROUND ELEVATION	ELECTRIC METER	LUMIN (LANDSCAPE LIGHTING)
CHAIN LINK FENCE	x BC17.09	BACK OF CURB ELEVATION	BUFFALO BOX	MAILBOX
IRON FENCE	x FL17.68	FLOW LINE ELEVATION	WATER VALVE	SHRUB
WOOD FENCE	x EP17.23	EDGE OF PAVEMENT ELEVATION	TREE-DECIDUOUS	STUMP
GUARDRAIL	x TW17.23	TOP OF WALL ELEVATION		
	FF17.38	FINISH FLOOR ELEVATION	TREE-EVERGREEN	

*SEE SHEET 1 FOR SURVEYOR'S CERTIFICATE AND BENCHMARK INFORMATION

The accompanying plat is a scaled representation of the physical situation which was found in the field and shows the location of visible evidence of utilities which was found at the time of the field survey of these premises; underground lines are based on supplied plans, unless otherwise specified. No attempt has been made as part of this survey to excavate, uncover or expose those facilities to field check the existence, size, depth, condition, capacity or exact location of those facilities. For more information concerning those utilities, please contact the appropriate public agencies or utility company.

#	Date	Description
0	12-11-25	Issued

TERRA ENGINEERING LTD.
225 W. Ohio Street
4th Floor
Chicago, IL 60654
TEL: (312) 467-0123
FAX: (312) 467-0220
www.terraengineering.com
ILLINOIS PROFESSIONAL DESIGN FIRM 184-003610

Project Information
PROJECT #: 25-279
DRAWN BY: DF/IS
CHECKED BY: MAW
APPROVED BY: MAW
CLIENT:
HOLABIRD & ROOT
410 S. DEARBORN ST.,
SUITE 500
CHICAGO, IL 60603

CDB UIC DDCRP
1732 W TAYLOR STREET
CHICAGO,IL 60612

Dec 11, 2025 - 6:39pm
V:_2025\(25-142) UIH CDU\SURVEY\DRAWING\25-279 CDB UIC DDCRP.dwg
MatthewW

PLAT OF SURVEY

MH-20624
WATER VALVE VAULT
RIM ELEV.=12.42
*FULL OF DEBRIS
PIPE DIA. UNKNOWN
T/K ELEV.=7.92
T/D ELEV.=6.12

MH-20620
CATCHBASIN
RIM ELEV.=11.67
INV. S(12")=5.57
T/W ELEV.=6.55
T/D ELEV.=5.37

MH-20622
CATCHBASIN
RIM ELEV.=11.73
INV. N(8")=6.48
T/W ELEV.=7.03
T/D ELEV.=3.93

MH-20623
SANITARY SEWER
RIM ELEV.=12.73
INV. E(180")=9.07

MH-20545
CATCHBASIN
RIM ELEV.=12.53
INV. S(8")=8.53
T/W ELEV.=8.13
T/D ELEV.=4.83

MH-20544
CURB INLET
RIM ELEV.=12.19
INV. N(8")=11.09

MH-20536
CATCHBASIN
RIM ELEV.=12.13
INV. S(8")=7.33
T/W ELEV.=7.83
T/D ELEV.=6.13

MH-9137
WATER VALVE VAULT
RIM ELEV.=13.10
T/P N/S(12")*TOP OF PIPE
COVERED IN DEBRIS
T/K ELEV.=10.30
T/D ELEV.=9.50

MH-9034
CATCHBASIN
RIM ELEV.=12.45
INV. N(8")=7.25
T/W ELEV.=8.05
T/D ELEV.=4.65

MH-9157
SANITARY SEWER
RIM ELEV.=13.56
INV. N(24")=4.16

GRAPHIC SCALE
20 0 10 20 40
(IN FEET)
1 inch = 20 ft.

MH-9203
CATCHBASIN
RIM ELEV.=12.40
*NO PIPES VISIBLE
T/W ELEV.=8.20
T/D ELEV.=6.30

MH-9162
WATER VALVE VAULT
RIM ELEV.=12.78
T/P E/W(UNK)-PIPE COVERE
IN DEBRIS
T/K ELEV.=9.38
T/D ELEV.=7.48

MH-9028
CATCHBASIN
RIM ELEV.=12.36
INV. W(8")=9.56
T/W ELEV.=8.11
T/D ELEV.=5.56

MH-9018
CURB INLET
RIM ELEV.=12.32
INV. N(8")=10.62

MH-9031
SANITARY SEWER
RIM ELEV.=13.25
INV. N(12")=6.00

MH-8102
CATCHBASIN
RIM ELEV.=13.15
INV. W(8")=10.55
INV. S(8")=10.45
T/W ELEV.=8.90
T/D ELEV.=7.15

MH-8152
CATCHBASIN
RIM ELEV.=13.15
INV. E(12")=10.15
T/W ELEV.=9.80
T/D ELEV.=7.50

MH-8153
CURB INLET
RIM ELEV.=12.80
INV. W(12")=10.35

MH-8103
SANITARY SEWER
RIM ELEV.=13.79
INV. N(12")=7.27
INV. SE(12")=7.49
INV. SW(12")=7.59

MH-6852
WATER VALVE VAULT
RIM ELEV.=13.29
T/P N/S(8")=9.64
T/K ELEV.=11.99
T/D ELEV.=8.89

MH-6790
SANITARY SEWER
RIM ELEV.=13.75
INV. E(12")=7.65
INV. S(12")=7.31

MH-6795
SANITARY SEWER
RIM ELEV.=13.84
INV. NW(12")=7.74
INV. S(12")=7.44

MH-6800
CATCHBASIN
RIM ELEV.=12.77
*NO VISIBLE PIPES
T/W ELEV.=10.77
T/D ELEV.=6.27

MH-5900
SANITARY SEWER
RIM ELEV.=13.83
INV. N(12")=6.83

W. POLK STREET
66' PUBLIC R.O.W.

BUS SHELTER

CTA Railway steel columns (typ.)

CTA PLATFORM OVERHANG

2-STORY CORRUGATED METAL BLDG.

4" PL GAS LINE

DIVVY BIKE RACK

STEEL COLUMNS

30" CONC. COLUMNS

Emergency call box

1-STORY BRICK BLDG.

POLK ST. STATION-CTA

BENCHES

MH-9352
CATCHBASIN
RIM ELEV.=13.62
*NO VISIBLE PIPES
T/D ELEV.=10.92

TRASH COMPACTOR CONTROL

MH-8888
SANITARY SEWER
RIM ELEV.=12.77
INV. NW(8")=7.86

MH-8856
GREASE BASIN
RIM ELEV.=13.74
INV. N(4")=9.68
T/W ELEV.=9.33
T/D ELEV.=5.93

MH-7685
SANITARY SEWER
RIM ELEV.=13.93
INV. N(6")=8.19
INV. W(8")=8.13
INV. E(8")=8.13

MH-7408
CATCHBASIN
RIM ELEV.=13.53
INV. N(36")=3.29
INV. S(36")=3.38

MH-7407
CATCHBASIN
RIM ELEV.=13.82
INV. NW(36")=3.49
INV. SE(36")=3.45

MH-7696
SANITARY SEWER
RIM ELEV.=14.29
*NO PIPES VISIBLE
T/D ELEV.=7.89

MH-8462
CATCHBASIN
RIM ELEV.=13.37
INV. N(8")=8.71
T/D ELEV.=8.87

MH-8391
SANITARY SEWER
RIM ELEV.=14.32
INV. W(4")=9.43
INV. N(6")=9.24
INV. E(4")=9.40

MH-8087
WATER VALVE VAULT
RIM ELEV.=13.38
T/P N/S(12")=8.30
T/K ELEV.=10.43
T/D ELEV.=7.24

MH-8086
WATER VALVE VAULT
RIM ELEV.=13.34
T/P N/S(12")=8.15
T/K ELEV.=10.47
T/D ELEV.=7.14

PARKING LOT BOOTH

MH-8187
CATCHBASIN
RIM ELEV.=13.33
INV. E(12")=7.80
T/W ELEV.=8.68
T/D ELEV.=6.03

MH-8101
CURB INLET
RIM ELEV.=12.69
INV. E(8")=10.09

MH-7400
CATCHBASIN
RIM ELEV.=14.27
INV. N(36")=4.22
INV. S(36")=4.82
INV. W(12")=6.94
T/W ELEV.=7.22
T/D ELEV.=4.87

MH-7910
CATCHBASIN
RIM ELEV.=13.05
INV. E(12")=6.68
INV. W(12")=7.03
T/W ELEV.=7.75
T/D ELEV.=6.45

MH-7652
SANITARY SEWER
RIM ELEV.=13.91
INV. N(12")=7.76

MH-7374
CATCHBASIN
RIM ELEV.=12.21
INV. SW(8")=7.67
T/W ELEV.=8.51
T/D ELEV.=7.97

MH-7347
CATCHBASIN
RIM ELEV.=12.53
INV. NW(8")=7.97
T/W ELEV.=8.83
T/D ELEV.=8.23

MH-6731
CATCHBASIN
RIM ELEV.=12.71
INV. NE(12")=7.81
T/W ELEV.=7.91
T/D ELEV.=5.51

MH-6875
CATCHBASIN
RIM ELEV.=13.34
*NO PIPES VISIBLE
T/W ELEV.=4.32
T/D ELEV.=5.15

Gate Control/ Arms

12" WATER MAIN

S. PAULINA STREET
66' PUBLIC R.O.W.

42" STEEL GAS LINE

CHICAGO RAPID TRANSIT COMPANY

S.J. WALKER'S SUB. (Ante-Fire)

ENGELKING'S SUB. June 21, 1877 Rec. 139723 Doc.

Assessor's Division of the E1/2 of the S.E. 1/4 18-39-14 (Ante-Fire)

Vacated by Ordinance Rec. 20644624 Sept. 11, 1968 Doc.

PER RECORD DRAWING: 998-060.E.6-1978-C-00A.2-SW

PER RECORD DRAWING: 998-060.G.2-1966-C-00A.1-SW

PER RECORD DRAWING: 998-060.G.2-1966-C-00A.2-SW

S01° 39' 50"E 795.55'

SEE SHEET 4

SEE SHEET 2

LEGEND AND ABBREVIATIONS:

PROPERTY LINE
BUILDING
CONCRETE
ASPHALT
GRAVEL
SAND
DEPRESSED CURB
CHAIN LINK FENCE
IRON FENCE
WOOD FENCE
GUARDRAIL

COMBINATION SEWER
SANITARY SEWER
STORM SEWER
WATER LINE
GAS LINE
COMMUNICATION LINE
TELEPHONE LINE
AT&T LINE
OVERHEAD WIRE LINE
COMED ELECTRIC LINE
UNDERGROUND ELECTRIC LINE
FIBER OPTIC LINE
SBC COMMUNICATION LINE
MCI COMMUNICATION LINE
x 100.00 GROUND ELEVATION
x BC17.09 BACK OF CURB ELEVATION
x FL17.68 FLOW LINE ELEVATION
x EP17.23 EDGE OF PAVEMENT ELEVATION
x TW17.23 TOP OF WALL ELEVATION
FF17.38 FINISH FLOOR ELEVATION

MANHOLE
WATER MANHOLE
ELECTRIC MANHOLE
TELEPHONE MANHOLE
CURB INLET
CATCH BASIN
AREA DRAIN
UTILITY POLE
POWER POLE W/LIGHT
POWER POLE W/TRANSFORMER
LIGHT POLE
FIRE HYDRANT
GAS VALVE
GAS METER
ELECTRIC METER
BUFFALO BOX
WATER VALVE
TREE-DECIDUOUS
TREE-EVERGREEN

BUSH
POST
SIGN
BOLLARD
SPRINKLER
CLEANOUT
STAND PIPE 1 CONNECTION
STAND PIPE 2 CONNECTIONS
STAND PIPE 3 CONNECTIONS
STAND PIPE (STAND ALONE)
ELECTRIC OUTLET
GUY WIRE
GARBAGE CAN
FLAG POLE
LUMIN (LANDSCAPE LIGHTING)
MAILBOX
SHRUB
STUMP

*SEE SHEET 1 FOR SURVEYOR'S CERTIFICATE AND BENCHMARK INFORMATION

The accompanying plat is a scaled representation of the physical situation which was found in the field and shows the location of visible evidence of utilities which was found at the time of the field survey of these premises; underground lines are based on supplied plans, unless otherwise specified. No attempt has been made as part of this survey to excavate, uncover or expose those facilities to field check the existence, size, depth, condition, capacity or exact location of those facilities. For more information concerning those utilities, please contact the appropriate public agencies or utility company.

#	Date	Description
0	12-11-25	Issued

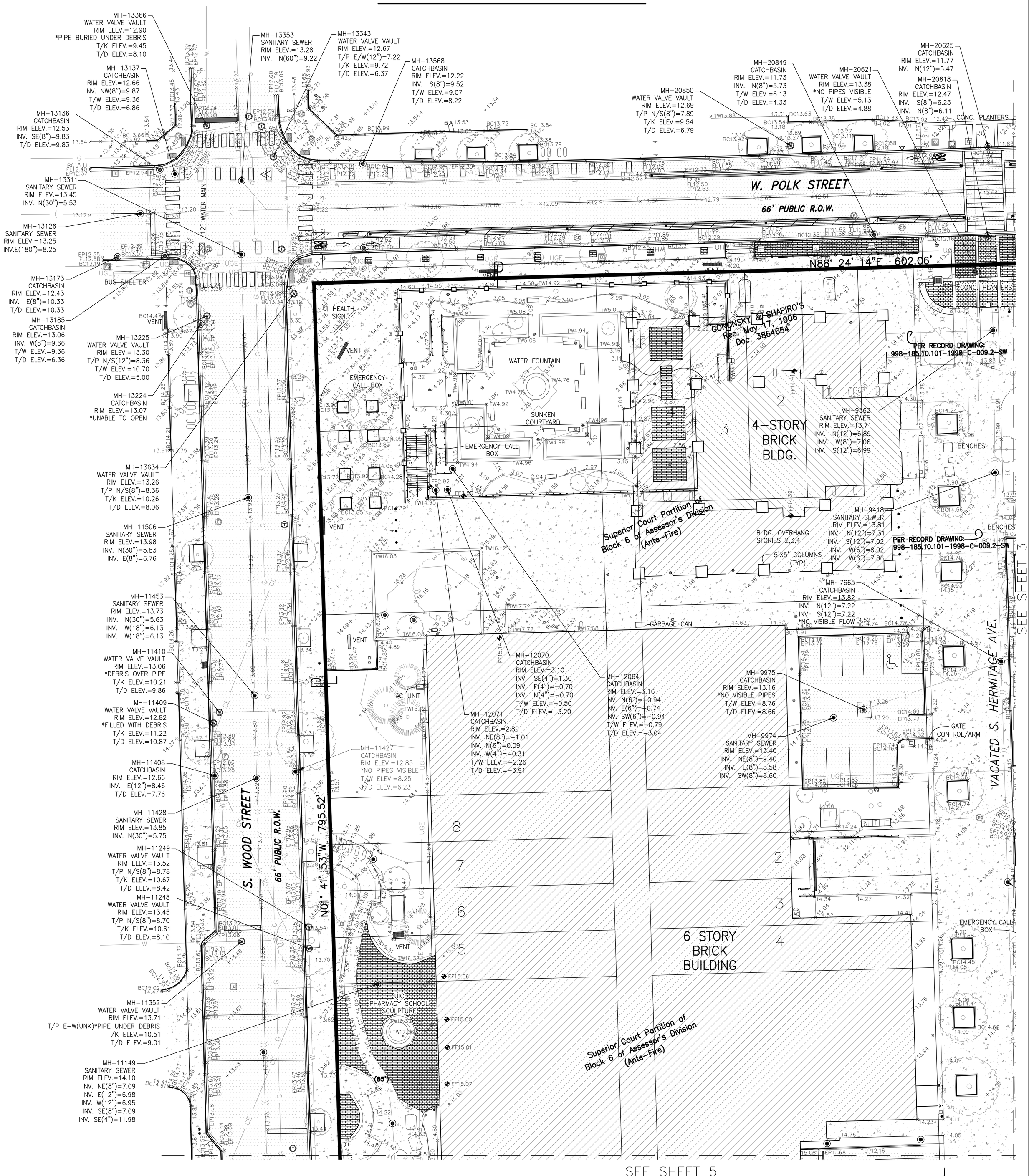
TERRA ENGINEERING LTD.
225 W. Ohio Street
4th Floor
Chicago, IL 60654
TEL: (312) 467-0123
FAX: (312) 467-0220
www.terraengineering.com
ILLINOIS PROFESSIONAL DESIGN FIRM 184-003610

Project Information
PROJECT #: 25-279
DRAWN BY: DF/IS
CHECKED BY: MAW
APPROVED BY: MAW
CLIENT:
HOLABIRD & ROOT
410 S. DEARBORN ST., SUITE 500
CHICAGO, IL 60603

CDB UIC DDCRP
1732 W TAYLOR STREET
CHICAGO,IL 60612

Dec 11, 2025 - 6:39pm
V:_2025\(25-142) UIH CDU\SURVEY\DRAWING\25-279 CDB UIC DDCRP.dwg
MatthewW

PLAT OF SURVEY



LEGEND AND ABBREVIATIONS:

PROPERTY LINE	))	COMBINATION SEWER		MANHOLE	BUSH
BUILDING	)	SANITARY SEWER		WATER MANHOLE	POST
	>	STORM SEWER		ELECTRIC MANHOLE	SIGN
CONCRETE	W	WATER LINE		TELEPHONE MANHOLE	BOLLARD
	G	GAS LINE		CURB INLET	SPRINKLER
ASPHALT	COM	COMMUNICATION LINE		CATCH BASIN	CLEANOUT
	T	TELEPHONE LINE		AREA DRAIN	STAND PIPE 1 CONNECTION
GRAVEL	ATT	AT&T LINE		UTILITY POLE	STAND PIPE 2 CONNECTIONS
	OHW	OVERHEAD WIRE LINE		POWER POLE W/LIGHT	STAND PIPE 3 CONNECTIONS
SAND	COMED	COMED ELECTRIC LINE		POWER POLE W/TRANSFORMER	STAND PIPE (STAND ALONE)
	E	UNDERGROUND ELECTRIC LINE		LIGHT POLE	ELECTRIC OUTLET
DEPRESSED CURB	F	FIBER OPTIC LINE		FIRE HYDRANT	GUY WIRE
CHAIN LINK FENCE	SBC	SBC COMMUNICATION LINE		GAS VALVE	GARBAGE CAN
IRON FENCE	MCI	MCI COMMUNICATION LINE		GAS METER	FLAG POLE
WOOD FENCE	x 100.00	GROUND ELEVATION		ELECTRIC METER	LUMIN (LANDSCAPE LIGHTING)
GUARDRAIL	x BC17.09	BACK OF CURB ELEVATION		BUFFALO BOX	MAILBOX
	x FL17.68	FLOW LINE ELEVATION		WATER VALVE	SHRUB
	x EP17.23	EDGE OF PAVEMENT ELEVATION		TREE-DECIDUOUS	STUMP
	x TW17.23	TOP OF WALL ELEVATION			
	FF17.38	FINISH FLOOR ELEVATION		TREE-EVERGREEN	

GRAPHIC SCALE

20 0 10 20 40

(IN FEET)

1 inch = 20 ft.

*SEE SHEET 1 FOR SURVEYOR'S CERTIFICATE AND BENCHMARK INFORMATION

#	Date	Description
0	12-11-25	Issued

The accompanying plat is a scaled representation of the physical situation which was found in the field and shows the location of visible evidence of utilities which was found at the time of the field survey of these premises; underground lines are based on supplied plans, unless otherwise specified. No attempt has been made as part of this survey to excavate, uncover or expose those facilities to field check the existence, size, depth, condition, capacity or exact location of those facilities. For more information concerning those utilities, please contact the appropriate public agencies or utility company.

TERRA ENGINEERING LTD.
225 W. Ohio Street
4th Floor
Chicago, IL 60654
TEL: (312) 467-0123
FAX: (312) 467-0220
www.terraengineering.com
ILLINOIS PROFESSIONAL DESIGN FIRM 184-003610

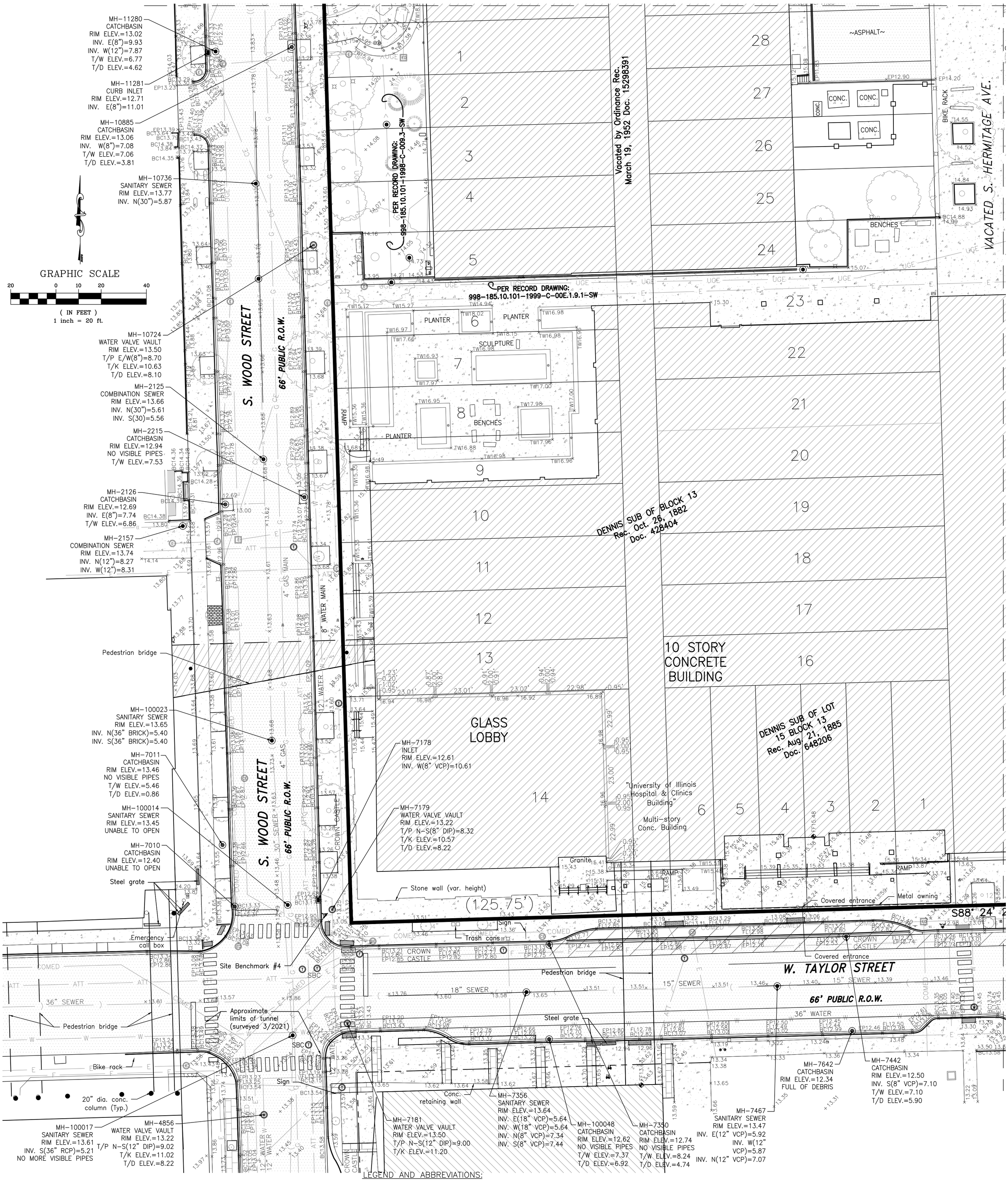
Project Information
PROJECT #: 25-279
DRAWN BY: DF/IS
CHECKED BY: MAW
APPROVED BY: MAW
CLIENT:
HOLABIRD & ROOT
410 S. DEARBORN ST.,
SUITE 500
CHICAGO, IL 60603

CDB UIC DDCRP
1732 W TAYLOR STREET
CHICAGO,IL 60612

Dec 11, 2025 - 6:39pm
V:_2025\(25-142) UIH CDU\SURVEY\DRAWING\25-279 CDB UIC DDCRP.dwg
MatthewW

PLAT OF SURVEY

SEE SHEET 4



LEGEND AND ABBREVIATIONS:

PROPERTY LINE	COMBINATION SEWER	MANHOLE	BUSH
BUILDING	SANITARY SEWER	WATER MANHOLE	POST
CONCRETE	STORM SEWER	ELECTRIC MANHOLE	SIGN
ASPHALT	WATER LINE	TELEPHONE MANHOLE	BOLLARD
GRAVEL	GAS LINE	CURB INLET	SPRINKLER
SAND	COMMUNICATION LINE	CATCH BASIN	CLEANOUT
DEPRESSED CURB	TELEPHONE LINE	AREA DRAIN	STAND PIPE 1 CONNECTION
CHAIN LINK FENCE	AT&T LINE	UTILITY POLE	STAND PIPE 2 CONNECTIONS
IRON FENCE	OVERHEAD WIRE LINE	POWER POLE W/LIGHT	STAND PIPE 3 CONNECTIONS
WOOD FENCE	COMED ELECTRIC LINE	POWER POLE W/TRANSFORMER	STAND PIPE (STAND ALONE)
GUARDRAIL	UNDERGROUND ELECTRIC LINE	LIGHT POLE	ELECTRIC OUTLET
	FIBER OPTIC LINE	FIRE HYDRANT	GUY WIRE
	SBC COMMUNICATION LINE	GAS VALVE	GARBAGE CAN
	MCI COMMUNICATION LINE	GAS METER	FLAG POLE
x 100.00	GROUND ELEVATION	ELECTRIC METER	LUMIN (LANDSCAPE LIGHTING)
x BC17.09	BACK OF CURB ELEVATION	BUFFALO BOX	MAILBOX
x FL17.68	FLOW LINE ELEVATION	WATER VALVE	SHRUB
x EP17.23	EDGE OF PAVEMENT ELEVATION	TREE-DECIDUOUS	STUMP
x TW17.23	TOP OF WALL ELEVATION		
FF17.38	FINISH FLOOR ELEVATION	TREE-EVERGREEN	

*SEE SHEET 1 FOR SURVEYOR'S CERTIFICATE AND BENCHMARK INFORMATION

The accompanying plat is a scaled representation of the physical situation which was found in the field and shows the location of visible evidence of utilities which was found at the time of the field survey of these premises; underground lines are based on supplied plans, unless otherwise specified. No attempt has been made as part of this survey to excavate, uncover or expose those facilities to field check the existence, size, depth, condition, capacity or exact location of those facilities. For more information concerning those utilities, please contact the appropriate public agencies or utility company.

#	Date	Description
0	12-11-25	Issued

TERRA ENGINEERING LTD.
225 W. Ohio Street
4th Floor
Chicago, IL 60654
TEL: (312) 467-0123
FAX: (312) 467-0220
www.terraengineering.com
ILLINOIS PROFESSIONAL DESIGN FIRM 184-003610

Project Information
PROJECT #: 25-279
DRAWN BY: DF/IS
CHECKED BY: MAW
APPROVED BY: MAW
CLIENT:
HOLABIRD & ROOT
410 S. DEARBORN ST.,
SUITE 500
CHICAGO, IL 60603

CDB UIC DDCRP
1732 W TAYLOR STREET
CHICAGO,IL 60612

Dec 11, 2025 - 6:39pm
V:_2025\(25-142) UIH CDU\SURVEY\DRAWING\25-279 CDB UIC DDCRP.dwg
MatthewW

13.3 GEOTECH REPORT

Geotechnical Investigation Report

UIC Drug Discovery Center
W. Polk Street and S. Paulina Street
Chicago, Illinois

Prepared for:

Primary Consultant:

Holabird & Root, LLC

Prepared by:

GSG CONSULTANTS, INC.
Engineers. Scientists. Construction Managers
735 Remington Road, Schaumburg IL 60173
Tel: 630.994.2600, www.gsg-consultants.com

February 10, 2026

GSG CONSULTANTS, INC.

735 Remington Road
Schaumburg, IL 60173
Tel: 630.994.2600
www.gsg-consultants.com

February 10, 2026

Mr. Dennis Vovos
Principal
Holabird & Root, LLC
140 S. Dearborn Street, Suite 500
Chicago, IL 60603

Geotechnical Investigation Report
UIC Drug Discovery Center
W. Polk Street and S. Paulina Street
Chicago, Illinois

Dear Mr. Vovos:

Attached is a copy of the Geotechnical Investigation Report for the proposed UIC Drug Discovery Center project. The report provides a brief description of the site investigation, site conditions and foundation recommendations for the proposed building improvements. The site investigation included advancing ten (10) soil borings to depths of 60 to 90 feet below the existing surface and one (1) in-situ vane shear test.

Should you have any questions or require additional information, please call us at 630-994-2600.

Sincerely,

A. Alyousef

Abdulaziz Alyousef, E.I.T.
Project Engineer

Dawn Edgell.

Dawn Edgell, P.E.
Sr. Project Engineer

Executive Summary
Geotechnical Investigation Report
Proposed UIC Drug Discovery Center
Chicago, IL

GSG completed a geotechnical investigation for the proposed UIC Drug Discovery Center building which will be located near the intersection of W. Polk Street and S. Paulina Street in Chicago, Illinois. The geotechnical investigation included advancing a total of 10 soil borings across the site, with vane shear testing performed at one (1) soil boring location. Below is a summary table of the borings completed at the site.

Soil Boring Summary Table

Boring	Ground Surface Elevation (CCD)[1]	Depth (ft)
B-1	13.0	60.0
B-2	12.1	60.0
B-3	11.5	90.0
B-4	12.9	60.0
B-5	13.1	60.0
B-6	12.8	60.0
B-7	13.1	60.0
B-8[2]	13.0	60.0
B-9	12.8	60.0
B-10	13.3	60.0

(1) City of Chicago Datum
(2) Vane Shear Testing completed

Project Information

GSG understands that the proposed building will be a new 5-story structure, with a partial basement supported on drilled shaft foundations.

Foundation Recommendation

Based on the subsurface soil conditions and anticipated column loads, GSG recommends supporting the building upon caisson foundations on bearing on the hard silty clay encountered near elevation -31 CCD, or very dense sandy silt encountered near -71.5 CCD. GSG recommends

utilizing a maximum allowable bearing capacity of 12.0 ksf for the proposed caissons bearing on the hard silty clay at approximate depths of 43.5 to 45.0 feet below existing grade (El. -31.5) CCD. Alternatively, the drilled shaft foundations could extend to the very dense sandy silt at an approximate depth of 83.5 feet (El. -71.5) CCD with a maximum allowable soil bearing capacity of 20.0 ksf.

Construction Consideration

Measures for potential squeezing into caisson shafts should be included with the caisson installations based on site conditions. A temporary steel casing will be required from the top of the caissons to a maximum depth of up to 43.5 feet based on the site conditions. The casing will prevent the squeezing of the upper portion of the soft clay during the caisson installation. Based on the vane shear test results, the ratio of overburden pressure divided by the undrained shear strength of the clay at depths ranging from 12 to 43.5 feet exceeds the limit values at some locations.

TABLE OF CONTENTS

1.0 INTRODUCTION 1
1.1 Existing Site Conditions 1
1.2 Proposed Project Information 2
1.3 Project and Scope of Services 2
1.4 Site Geology 2

2.0 SITE SUBSURFACE EXPLORATION PROGRAM 4
2.1 Subsurface Site Investigation 4
2.2 In-Situ Vane Shear Test 5
2.3 Laboratory Testing Program 6
2.4 Subsurface Soil Conditions 6
2.5 Groundwater Conditions 7

3.0 GEOTECHNICAL ANALYSIS 9
3.1 Derivation of Soil Parameters 9
3.2 Derivation of Soil Parameters Upon Chicago Code 11
3.3 Seismic Parameters 12

4.0 GEOTECHNICAL RECOMMENDATIONS 13
4.1 Deep Foundation Analysis and Design 13
4.2 Drilled Shaft Uplift Capacity 15
4.3 Lateral Load Resistance for Drilled Shafts 15
4.4 Lateral Earth Pressure – Below Grade Structures 17
4.5 Basement Floor Slab 17
4.6 Shallow Foundation 18

5.0 CONSTRUCTION CONSIDERATIONS 20
5.1 Site Preparation 20
5.2 Excavations 21
5.3 Borrow Material and Compaction Requirements 21
5.4 Deep Foundation Installation 21
5.5 Groundwater Management 22
5.6 Temporary Sheeting and Soil Retention 23
5.7 Potential Effect of Excavation on Existing Structures and Utilities 23
5.8 Building Condition Survey and Construction Monitoring 23

6.0 LIMITATIONS 25

Appendices

Appendix A Boring Location Plan
Appendix B Soil Borings
Appendix C Laboratory Results
Appendix D Squeeze Potential Analysis

Geotechnical Investigation Report
UIC Drug Discovery Center
Chicago, Illinois

1.0 INTRODUCTION

GSG Consultants, Inc. (GSG) completed a geotechnical investigation for the design of the proposed UIC Drug Discovery Center. The proposed building will be located near the intersection of W. Polk Street and S. Paulina Street in Chicago, Illinois. The purpose of the investigation was to explore and characterize the subsurface soil and groundwater conditions to determine engineering properties of the subsurface soil, and to develop design and construction recommendations for the project. **Exhibit 1** shows the general project location of the proposed building.

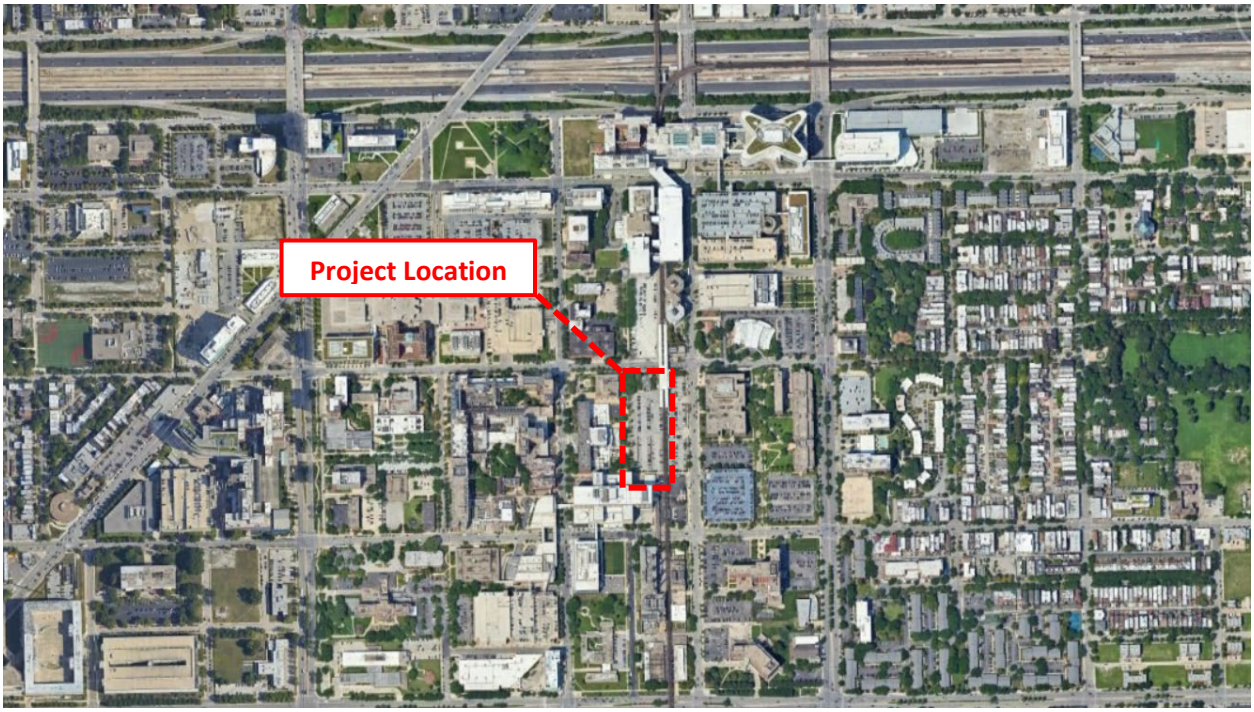


Exhibit 1: Project Location Map

1.1 Existing Site Conditions

The project site consists of a surface parking lot, located between S. Hermitage Avenue and the Elevated CTA train tracks near W. Polk Street at the University of Illinois at Chicago (UIC) campus.

To the west, the site is bordered by the UIC College of Pharmacy building. To the east, the site is adjacent to the elevated train tracks and additional UIC surface parking lots. The site currently functions as a surface parking facility serving the adjacent UIC buildings and the hospital.

1.2 Proposed Project Information

Based on preliminary concept information provided by the design team, the proposed project will include the construction of a new multi-story building. The proposed structure will consist of five (5) stories above grade with one (1) additional level below grade. The basement level is anticipated to extend approximately 18 feet below existing grade. The building is expected to have an approximate footprint of 400 feet by 120 feet. The building will house vibration sensitive equipment, and foundation design may be governed by vibration performance criteria in addition to conventional strength and settlement considerations. As such, deep foundations bearing on rock may be required to satisfy vibration and performance requirements.

1.3 Project and Scope of Services

The objective of this study was to explore and characterize the subsurface soil conditions and provide recommendations regarding the suitability of the subsurface soil to support the proposed improvements. The scope of the geotechnical investigation included the following:

1. Advancing a total of ten (10) soil borings to depths of 60 to 90 feet each for the proposed building.
2. Complete one (1) in-situ vane shear test for the upper soft clay layers.
3. Perform the geotechnical laboratory testing program on selected representative soil samples obtained during the field investigation to evaluate relevant engineering parameters of the subsurface soils.
4. Perform engineering analysis and evaluation of the data collected during the field investigation and laboratory testing to develop geotechnical engineering design recommendations for the proposed improvements.

1.4 Site Geology

GSG reviewed several published documents to determine the regional geological setting in the area. The site is in east-central Cook County, in Chicago, Illinois. The surficial deposits in this area are typically glacial drift deposited during the Wisconsin Glacial Age and sediments from Lake Michigan. The subsurface profile in the area consists of deposits of silty clay and gravel extending

approximately 90 to 100 feet below ground surface, at which point bedrock is typically encountered, consistent with the soil borings.

Deposits in the area consist of Carmi Member of Equality Formation. The Carmi Member consists of “Largely quiet-water lake sediments; dominantly well bedded silt, locally laminated and containing thin beds of clay; local lenses of sand and sandy gravel along beaches.” Underlying the surficial deposits, the bedrock consists of the Silurian System, Niagaran Series, which consist of “almost entirely dolomite that varies from extremely argillaceous, silty and cherty to exceptionally pure.”

2.0 SITE SUBSURFACE EXPLORATION PROGRAM

This section describes the subsurface exploration program and laboratory testing program completed as part of this project. The subsurface exploration program was performed in accordance with applicable IDOT geotechnical manuals and AASHTO requirements.

2.1 Subsurface Site Investigation

The subsurface investigation was conducted on January 14 and January 16, 2026, and included advancing ten (10) soil borings. The borings were each advanced to depths of 60 to 90 feet below the existing ground surface. The locations of the soil borings were coordinated with Holabird & Root and were completed based on field conditions and accessibility. The existing ground surface elevations shown in the soil boring logs were obtained by GSG's field crew using hand-held GPS equipment. The **Boring Location Plan (Appendix A)** shows the as-drilled locations of the soil borings completed; **Table 1** presents a summary of the borings.

Table 1 – Summary of Subsurface Exploration Borings

Boring	Northing (ft)	Easting (ft)	Ground Surface Elevation (CCD)*	Depth (ft)
B-1	1896376.885	1164898.724	13.0	60.0
B-2	1896339.769	1164992.562	12.1	60.0
B-3	1896297.238	1164940.909	11.5	90.0
B-4	1896244.280	1164898.150	12.9	60.0
B-5	1896247.809	1164993.474	13.1	60.0
B-6	1896104.653	1164902.761	12.8	60.0
B-7	1896107.931	1164996.611	13.1	60.0
B-8	1896076.938	1164947.994	13.0	60.0
B-9	1895995.971	1164905.439	12.8	60.0
B-10	1896000.405	1164997.000	13.3	60.0

*Chicago City Datum.

The soil borings were drilled using all terrain Geoprobe 7822DT, truck mounted Diedrich D-50 (Blue), CME-75 (Yellow) drill rigs, each equipped with 3¼-inch I.D. hollow stem augers and an

automatic hammer. Soil sampling was performed according to AASHTO T 206, "Penetration Test and Split Barrel Sampling of Soils." Soil samples were obtained at 2.5-foot intervals to depths of 15 feet below existing grade, and at 5-foot intervals thereafter using a split spoon soil sampler. Water level measurements were made in each boring when evidence of free groundwater was detected on the drill rods or in the samples. The boreholes were also checked for free water immediately after auger removal, and before filling the open boreholes with soil cuttings.

GSG's field representative inspected, visually classified and logged the soil samples during the subsurface exploration activities and performed unconfined compressive strength tests on cohesive soil samples using a calibrated Rimac compression tester and a calibrated hand penetrometer. Representative soil samples were collected from each sample interval and returned to the laboratory for further testing and evaluation.

2.2 In-Situ Vane Shear Test

GSG performed in-situ vane shear testing during the field investigation activities. The vane shear test was performed in one boring (B-8) in accordance with ASTM D 2573 and was completed in conjunction with soil boring drilling activities. The vane shear test consisted of advancing a four-bladed vane into undisturbed cohesive soil at the bottom of a borehole and applying a measured torque at a constant rate until the material fails in shear along a cylindrical surface. Test results can be affected by the presence of gravel or sand layers. The torque measured at failure provides the undrained shear strength of the soil. A second test run immediately after the soil has failed at the same depth provides the remolded strength of the soil and, thus, information on soil sensitivity can be obtained. The soil sensitivity (St = intact vane shear strength/remolded vane shear strength) is normally described as follows:

Table 2 – Vane Shear Descriptions

Sensitivity	Descriptive Term
0-1	Insensitive
1-2	Low Sensitivity
2-4	Medium Sensitivity
4-8	Sensitive
8-16	Extra Sensitive
>16	Quick

The vane shear test revealed undrained shear strength ranging from approximately 1,227 to 1,382 pounds per square foot (psf) for undisturbed samples, and from approximately 777 to 982 psf for the remolded samples. The clay sensitivity ranged from 1.3 to 1.7, which is considered low sensitivity. The vane shear test results are shown on the attached boring logs.

A summary of the vane shear test results and the sensitivity in the boring tested is presented in **Table 3**.

Table 3 - Vane Shear Test Results

Boring ID	Depth (ft)	Shear Strength (psf)	Remolded (psf)	Sensitivity
B-8	17.0	1,382	900	1.5
	22.0	1,317	920	1.4
	27.0	1,288	777	1.7
	32.0	1,227	982	1.3

2.3 Laboratory Testing Program

All samples were inspected in the laboratory to verify the field classifications. A laboratory testing program was undertaken to characterize and determine engineering properties of the subsurface soils encountered in the area of the proposed improvements. The following laboratory tests were performed on representative soil samples:

- Moisture Content – ASTM D2216 / AASHTO T-265
- Atterberg Limits – ASTM D4318 / AASHTO T-89 / AASHTO T-90

The laboratory tests were performed in accordance with test procedures outlined in the IDOT Geotechnical Manual (2020), and per ASTM and AASHTO requirements. Based on the laboratory test results, the soils encountered were classified according to the AASHTO classification systems. The results of the laboratory testing program are included in the Laboratory Test Results (**Appendix C**) and are also shown along with the field test results in the Soil Boring Logs (**Appendix B**).

2.4 Subsurface Soil Conditions

This section provides a brief description of the soils encountered in the borings. Variations in the general subsurface soil profile were noted during the drilling activities. Detailed descriptions of

the subsurface soils are provided in the Soil Boring Logs (**Appendix B**). The soil boring logs provide specific conditions encountered at the boring locations. The logs include soil descriptions, stratifications, penetration resistance, elevations, and laboratory test data. Unless otherwise noted, soil descriptions indicated on boring logs are visual identifications. The stratifications shown on the boring logs represent the conditions only at the actual boring locations and represent the approximate boundary between subsurface materials; however, the actual transition may be gradual.

Borings B-2 through B-10 were drilled on the existing parking lot and encountered between 4 to 8 inches of asphalt. Boring B-1 was drilled in a landscape area and initially noted 2 inches of topsoil. Beneath the surficial layers, the borings encountered fill material with debris consisting generally of dark brown and dark gray silty clay, silt, and sand to depths of 6 to 8.5 feet.

Below the fill material, soft to hard brown and gray silty clay soil was encountered to depths of 8.5 to 13.5 feet. Below, the borings encountered very soft to medium stiff gray silty clay to depths of 38.5 to 43.5 feet, followed by stiff to hard gray silty clay/silty clay loam to boring termination depths. Borings B-1, B-5, and B-8 encountered medium dense to very dense gray silt soils at depths of 38.5 and 48.5 to termination depth of 60 feet. Boring B-3 noted gray dense sandy silt layer at a depth of 80 feet to boring termination depth at 90 feet.

The brown and gray silty clay had unconfined compressive strengths ranging from 0.25 to 4.17 tons per square foot (tsf), with most values between 1.6 to 2.7 tsf, and an average strength of 1.9 tsf. The upper gray soft to medium stiff silty clay had unconfined compressive strengths ranging from 0.0 to 0.8 tsf, with an average strength of 0.4 tsf. The lower gray hard silty clay had unconfined compressive strengths ranging from 1.04 to 8.0 tsf, with most values ranging between 1.04 and 7.3 tsf. The silt/sandy silt soil had SPT blow count 'N' values between 27 and 54 blows per foot (bpf), with an average 'N' value of 40 bpf.

2.5 Groundwater Conditions

Water levels were checked in each boring to determine the general groundwater conditions present at the site and were measured while drilling and after each boring was completed. Groundwater was observed in borings B-1, B-6, and B-8 during drilling activities at depths ranging from 13.5 to 48.5 feet below grade (El. -0.5 to -35.5 CCD). Water was also checked after the augers were removed and prior to backfilling the boreholes with soil cuttings. No water was

noted after the completion of drilling. Long term readings made in cased piezometers would accurately determine the groundwater table elevation for this site.

Based on the color change of the clay from brown to gray, it is anticipated that the long-term groundwater level may range between elevations 4.6 to -0.7 CCD. Water level readings were made in the boreholes at times and under conditions shown on the boring logs and stated in the text of this report. However, it should be noted that fluctuations in groundwater level may occur due to variations in rainfall, seasonal changes, other climatic conditions, or other factors not evident at the time measurements were made and reported herein.

3.0 GEOTECHNICAL ANALYSIS

This section provides GSG's geotechnical analysis for the design of the proposed facility based on the results of the field exploration and laboratory testing. All applicable requirements within IDOT reference and design manuals, as well as the AASHTO design manual were followed.

3.1 Derivation of Soil Parameters

GSG determined the geotechnical parameters to be used for the project design based on the results of field and laboratory test data on individual boring logs as well as our experience. Unit weights, friction angles and shear strength parameters were estimated using corrected standard penetration test (SPT) using published correlations for N values results for the fill and cohesionless soils and in-situ and laboratory test results for cohesive soils. The SPT values were corrected for hammer efficiency. The hammer efficiency correction factor considers the use of a safety hammer/rope/cat-head system, generally estimated to be 60% efficient. Thus, correlations should be based upon what is currently termed as N60 data. The efficiencies of the automatic hammers used for this exploration were estimated to be approximately 96.2% for the Geoprobe 7822DT, 86.8% for the Diedrich D-50 (Blue), and 90.8% for the CME-75 (Yellow) drill rigs based on recent calibration testing. The correction for hammer efficiency is a direct ratio of relative efficiencies as follows:

$N_{60} = N_{Field} * (96.2/60)$: Geoprobe 7822DT

$N_{60} = N_{Field} * (86.8/60)$: Diedrich D-50 (Blue)

$N_{60} = N_{Field} * (90.8/60)$: CME-75 (Yellow)

Where the N_{Field} value is the field recorded blow counts.

Based on the field investigation data collected, generalized soil parameters for use in design are presented in **Table 4**.

Table 4 – Summary of Soil Parameters

Depth (Elevation, CCD)	Soil Description	In situ Unit Weight γ (pcf)	Undrained		Drained	
			Cohesion c (psf)	Friction Angle ϕ (°)	Cohesion c (psf)	Friction Angle ϕ (°)
	New Engineered Clay Fill	125	1,000	0	50	25
	New Engineered Granular Fill	125	0	30	0	30
Fill Soils						
0.5 – 6.0 (12.8 – 6.6) ***B-1, B-2, B-6 through B-10 Only**	Dark Brown and Dark Gray Silt/ Sand Fill	122	0	30	0	30
0.5 – 7.0 (12.5 – 6.0) ***B-2 through B-5 Only**	Dark Brown and Dark Gray Silty Clay Fill	125	1,500	0	150	25
Native Soils						
6.0 – 12.0 (6.3 – 1.5)	Brown and Gray Medium Stiff to Very Stiff Silty Clay	136	1,700	0	170	28
12.0 – 43.0 (1.5 – (-30.5))	Gray Very Soft to Medium Stiff Silty Clay	118	400	0	40	25
43.0 – (60 to 80) ((-30.5) – ((-47.1) to (-68.5)))	Gray Stiff to Hard Silty Clay	138	4,000	0	400	28
48.5 – 60.0 ((-35.5) – (-47.0)) ***B-1, B-5, & B-8 Only**	Gray Medium Dense to Very Dense Silt	134	0	42	0	42
80.0 – 90.0 ((-68.5) – (-78.5)) ***B-8 Only**	Gray Very Dense Sandy Silt	137	0	42	0	42

3.2 Derivation of Soil Parameters Upon Chicago Code

A set of soil parameters is also derived based on Section 1806 Presumptive Load-Bearing Values of Soils in the 2021 Chicago Building Code. **Table 5** Summarizes the soil parameters based on Table 1806.2(1) through 1806.2(3).

Table 5 - Summary of Presumptive Load-Bearing Values of Soils

Depth (CCD)	Class	Description	Qu (tsf)	SPT (blf)	Consistency/ Relative Density	Allowable Net Bearing Pressure	Lateral Bearing Pressure	Lateral Sliding Friction Coefficient	Lateral Sliding Cohesion
feet	**1806.2(2)**	**1806.2(2)**	**1806.2(3)**		**1806.2(2)/1806.2(3)**	**1806.2(2)**	**1806.2(1)**		
0.5 – 6.0 (12.8 – 6.6) ***B-1, B-2, B-6 through B-10 Only**	7	Non-Engineered Fill	-	7	NA	500	50	0.1	NA
0.5 – 7.0 (12.5 – 6.0) ***B-2 through B-5 Only**	7	Non-Engineered Fill	1.5	-	NA	500	20	NA	NA
6.0 – 12.0 (6.3 – 1.5)	5	Silty Clay	1.7	-	Medium Stiff to Very Stiff	1,500	100	-	130
12.0 – 43.0 (1.5 – (-30.5))	5	Silty Clay	0.4	-	Very Soft to Medium Stiff	NA	NA	-	NA
43.0 – (60 to 80) ((-30.5) – ((-47.1) to (-68.5)))	5	Silty Clay	4.0	-	Hard	4,000	100	-	130
48.5 – 60.0 ((-35.5) – (-47.0)) ***B-1, B-5, & B-8 Only**	4	Silt	-	37	Dense to Very Dense	3,000	150	0.25	NA
80.0 – 90.0 ((-68.5) – (-78.5)) ***B-8 Only**	4	Sandy Silt	-	50	Very Dense	3,000	150	0.25	NA

3.3 Seismic Parameters

The seismic hazard was evaluated per the Chicago Building Code (CBC) Section 1613, which determines the seismic parameters in accordance with ASCE 7. The code specifies that the seismic hazard should be evaluated for the maximum considered earthquake and design earthquake for short and long (1-second) periods. The Short Period and Long Period maximum considered earthquake Spectral Acceleration (S_S and S_1) adjusted for site class effects (S_{MS} and $S_{M1)}$ and design earthquake spectral Acceleration ($\mathbf{S_{DS}}$ and $\mathbf{S_{D1}}$) for the project location are summarized in **Table 6** with a site class for soil as Class E.

Table 6 - Seismic Design Parameters

Building Code Reference	Risk Category	Seismic Design Category	S_S	S_1	S_{MS}	S_{M1}	S_{DS}	S_{D1}
Chicago Building Code and ASCE 7	II	B	0.15g	0.07g	0.19g	0.15g	0.12g	0.098g

As per CBC, for seismic design category (SDC) C and D, liquefaction analysis should be performed. The subject site is classified as seismic design category B; therefore, a liquefaction analysis was not performed.

4.0 GEOTECHNICAL RECOMMENDATIONS

This section provides GSG's geotechnical recommendations for the design of the proposed building based on the project information provided by Holabird & Root, results of the field exploration, and laboratory testing. Subsurface conditions in unexplored locations may vary from those encountered at the boring locations. If structure locations, loadings, or elevations are changed, we request that you contact GSG so that we may re-evaluate our recommendations.

GSG understands that the proposed project will consist of 5-story building; the northern portion of the building will also include a basement extending approximately 18 feet below grade. Preliminary foundation loads were assumed to be 1,600 kips for the worst-case gravity loading for one of the columns.

The type of foundation utilized for a structure is normally dependent upon soil type, soil consistency, and magnitude of loads. GSG evaluated several foundation alternatives for the site. Based on GSG's analysis, shallow foundation system, spread footings or mat foundation, are not feasible options for this project due to the anticipated loads and the presence of very soft clay. The building should be supported upon a deep foundation system of drilled shafts bearing on competent soils.

4.1 Deep Foundation Analysis and Design

GSG completed engineering analysis of drilled shaft foundations using the subsurface data collected during the site investigation. GSG recommends supporting the building upon drilled shaft foundations extending to the very stiff to hard silty clay encountered at a depth of 43 feet below existing grade (El -31.5), with a maximum allowable bearing capacity of 12.0 ksf. For columns with higher structural loads, drilled shafts may be extended to bear on the very dense sandy silt encountered at a depth of 83 feet below existing grade (El. -71.5 CCD), with a maximum allowable bearing capacity of 20.0 ksf. A protective cover will likely be required for the full depth of the caissons due to the very soft cohesive soils encountered in the soil borings.

As an alternative for the caissons to bear on the silty clay or sandy silt, the proposed building, particularly the larger interior column loads, could be supported upon drilled shaft foundation extending to solid limestone bedrock. Drilled shafts bearing on bedrock should be straight shaft, with no bell, and should be placed on top of solid bedrock at depths below 90 feet below existing grade. Bedrock was not encountered in the borings and is anticipated to be at depths of 92 to 95 feet below grade. For caisson cored or socketed one (1) foot into the solid rock, the maximum net allowable soil bearing capacity of the bedrock is 60 tons per square foot (tsf) as per Table 1806.2(2) of the City Building Code. Drilled shafts bearing on bedrock should be straight shaft, with no bell, and should be placed on top of solid bedrock. Additional borings would be necessary to confirm the depth to the top of bedrock and to collect bedrock cores to confirm the allowable bearing capacity.

The maximum net allowable bearing capacity is that pressure that can be transmitted to the soils in excess of the final overburden pressure. We recommend a minimum shaft diameter of 3 feet, and the bell diameter should not exceed three (3) times the shaft diameter. We recommend that the drilled shafts be installed with a minimum center-to-center spacing of at least 3 shaft diameters, because drilling the shafts at close spacing can reduce the effective stresses against both the side and base of the adjacent shafts and will thus reduce the total capacity. The drilled piers should be spaced such that there is a minimum distance between the edges of the bell of one foot. The bell angle should not be more than 60 degrees from horizontal. The bell size should be oversized by a minimum of 6 to 12 inches, and any excess spoil could be back-bladed to the bell periphery. Bottom cleanliness should be observed from the ground surface with the use of a camera since the workers should not enter the shaft to manually clean the bell for safety reasons. In cases where an over-sized bell is not possible due to bell encroachment on property lines or conflict with other foundations, the over-sizing can be eliminated by using a down-hole camera to directly observe the effectiveness of the cleaning operations.

Settlement values and differential settlement values due to soil compression under drilled shafts cannot be provided until design loads on each shaft is provided. For drilled shafts bearing on fair to very good bedrock, elastic settlement can be assumed to be less than 0.5 inch. The maximum differential settlement between drilled shafts will be on the order of ½ of the total settlement. These settlement values are for soil compression only, and the elastic compression of the caisson shaft concrete should be added to these values.

One concern for caisson construction is that the very soft clay with high water content could squeeze into the caisson shafts. This material was encountered at depths ranging from 12 to 43 feet below existing grade. Based on the vane shear, penetrometer and rimac test results, the ratio of overburden pressure divided by the undrained shear strength of the soft clay at depths ranging from 12 to 43 feet is over 6 at most locations. Therefore, squeezing into caisson shafts should be considered. A summary of the squeeze potential analysis is attached in **Appendix D**. Accordingly, construction measures will be required to maintain excavation stability, as discussed in Section 5.4.

4.2 Drilled Shaft Uplift Capacity

For belled drilled shafts with full length of reinforcement extending to the bottom of the bell, the uplift capacity can be calculated using the dead weight of the concrete plus the effective weight of the soil adjacent to the shaft within the cylindrical vertical projection of the bell diameter.

4.3 Lateral Load Resistance for Drilled Shafts

Lateral loadings applied to deep foundations are typically resisted by the soil/structure interaction, pile flexure, or a combination of these factors. The lateral resistance will be provided by the drilled piers which extend below the grade beams. In the soft clay, a coefficient of horizontal subgrade reaction of 5 tons per cubic foot per foot of depth multiplied by the depth below grade and divided by the square root of the diameter of the drilled pier can be used for determining the lateral soil resistance. Below a depth of approximately 43 feet, stiff clay soils are generally present and a constant value of horizontal subgrade reaction of 70 tons per cubic foot divided by the square root of the diameter of the drilled pier shaft could be used. If the lateral resistance of the soil is to be determined using the L-pile computer program, **Table 8** provide recommended lateral soil modulus and soil strain parameters that can be used for laterally loaded pile analysis via the p-y curve method based on the encountered subsurface conditions.

Table 8 – Lateral Soil Parameters

Depth (Elevation, CCD)	Soil Description	Active Earth Pressure Coefficient (K_a)	Passive Earth Pressure Coefficient (K_p)	At-Rest Earth Pressure Coefficient (K_o)	Subgrade Modulus* k_{py} (pci)	Horizontal Strain Factor E_{50}	L-Pile Soil Type
	New Engineered Clay Fill	0.41	2.46	0.58	500	0.007	Stiff Clay w/o Free Water
	New Engineered Granular Fill	0.33	3.00	0.50	90	N/A	Sand (Reese)
0.5 – 6.0 (12.8 – 6.6) ***B-1, B-2, B-6 through B-10 Only**	Dark Brown and Dark Gray Silt/ Sand Fill	0.34	1.89	0.50	25	N/A	Sand (Reese)
0.5 – 7.0 (12.5 – 6.0) ***B-2 through B-5 Only**	Dark Brown and Dark Gray Silty Clay Fill	0.09	2.20	0.58	500	0.07	Stiff Clay w/o Free Water
6.0 – 12.0 (6.3 – 1.5)	Brown and Gray Medium Stiff to Very Stiff Silty Clay	0.10	2.46	0.53	500	0.07	Stiff Clay w/o Free Water
12.0 – 43.0 (1.5 – (-30.5))	Gray Very Soft to Medium Stiff Silty Clay	0.09	3.00	0.58	30	0.02	Soft Clay (Matlock)
43.0 – (60 to 80) ((-30.5) – ((-47.1) to (-68.5)))	Gray Stiff to Hard Silty Clay	0.10	2.77	0.53	1,000	0.005	Stiff Clay w/o Free Water
48.5 – 60.0 ((-35.5) – (-47.0)) ***B-1, B-5, & B-8 Only**	Gray Medium Dense to Very Dense Silt	0.16	2.46	0.33	125	N/A	Silt/Cemented Soil
80.0 – 90.0 ((-68.5) – (-78.5)) ***B-8 Only**	Gray Very Dense Sandy Silt	0.16	4.60	0.33	125	N/A	Silt/Cemented Soil

*The initial p-y modulus, E_{py} , varies linearly with depth. To obtain E_{py} use the equation $E_{py} = k_{py} * z$, where k_{py} is the subgrade modulus given in the table and z is the distance from the surface to the center point of the layer in feet.

4.4 Lateral Earth Pressure – Below Grade Structures

Lateral earth pressure is normally influenced by the structural design of the below grade (basement) walls, restrained condition of the wall, and strength of materials being restrained. For this project, two types of restrained conditions are anticipated, active and at-rest condition. The active earth pressure is normally used for the design of freestanding cantilever walls and assumes wall movement. The at-rest condition assumes no wall rotation and is usually applicable for basement walls. The actual earth pressure on the walls will vary based on type of backfill materials used and how backfill is compacted. Temporary and permanent surcharge loads should be included with the earth and hydrostatic lateral pressures applied to the walls. This may include sidewalks, floor slabs, construction equipment, and loads due to any adjacent shallow footings that are placed within a zone of influence, which includes a 45-degree line extending upward and outward from the base of the wall.

Based on the anticipated excavation depth, and the estimated long-term groundwater table, the below grade walls should also include the hydrostatic lateral pressures. **Table 4** can be used in conjunction with **Table 8** for the lateral soil properties.

Vertical surcharge loads should be multiplied by the factor of 0.35 for the active case, and by the factor of 0.5 for at-rest case to calculate lateral earth pressure. For the drained wall condition, GSG recommends placing free-draining granular backfill, such as CA-7, behind the walls to provide proper drainage. The free draining backfill should extend horizontally a minimum of 2 feet from the back of the wall and should extend from the bottom of the wall to within 2 feet of the final surface grade.

4.5 Basement Floor Slab

Design subgrade for the basement floor slab will be located approximately 18 feet below existing grade. The basement level floor slab area should be inspected for zones of loose native soils or unsuitable materials. Based on the soil boring logs, the proposed bottom of the basement will bear on very soft to soft clay soils. It is recommended that a minimum of 12 inches of soft clay be removed from below the design elevation of the basement slab and be replaced with 12 inches of compacted granular fill consisting of crushed stone such as IDOT CA-6 gradation. In addition, the crushed stone should be underlain by a minimum of 12 inches of free draining stone that will act as a capillary cutoff layer and would reduce the potential for soil moisture migrating upwards toward the slab to provide drainage and minimize dampness in the floor slab. GSG also recommends placing a flexible sheet membrane that serves as a water and/or moisture vapor

retarder. The membrane should be installed in accordance with manufacturer's recommendations to provide a vapor tight barrier. Tears and punctures in the membrane should be completely repaired prior to placement of concrete. Assuming the floor slab subgrade is prepared as recommended, a modulus of subgrade reaction of 150 pounds per cubic inch (pci) should be used.

4.6 Shallow Foundation

The south portion of the proposed building is anticipated to be supported upon conventional shallow spread and/or continuous footing foundation system. Due to the presence of existing unsuitable fill materials extending to depths of about 6 to 8 feet, undercuts of about 2.5 to 4 feet are anticipated to reach suitable bearing soils.

Due to the presence of very soft soils below 11 feet, foundations should be placed on new engineered fill backfilled to design frost depth at 3.5 feet below grade to limit stress influence on the underlying very soft clay and cause excessive settlement. For the shallow foundation system bearing on new engineered granular fill at a depth of 3.5 feet below grade, a net allowable bearing capacity of 3,000 psf may be used, provided the engineered fill and subgrade are prepared in accordance with the recommendations in this report. Spread footing bearing on the new engineered fill at frost depth should generally be limited to a maximum plan dimension of 6 feet to limit total settlement to less than 1 inch.

An assumed allowable total settlement of 1 inch and an allowable differential settlement of ½ of an inch were used while calculating the bearing capacity. If any of the assumptions or design loading information above is not correct or has been changed, GSG should be contacted to re-evaluate the foundation design recommendations.

Spread footings should have a minimum plan dimension of 4 feet and should be at least 12 inches thick. Continuous footings should have a minimum width of 2.5 feet and should be at least 10 inches thick. The actual footing thickness and reinforcement should be determined by a structural analysis of the individual footings with chosen plan dimensions.

For undercut areas, the structural fill, such as CA-6 stone, should be placed in 9" thickness lifts and compacted to 95% of the material maximum dry density (Modified Proctor ASTM D1557). For CA-7 stone, the stone should be placed in 12-inch lifts and compacted using on-site equipment or backhoe bucket. The base of the excavation should exceed the footing dimensions

by at least 6" along each side. Suitable structural fill consisting of approved granular materials should be used to backfill to the proposed footing grade elevation. The lateral limits of structural fill placement should extend laterally beyond all edges of the footings at least 12" per foot of structural fill thickness below the footing base. The lateral limit of structural fill placed beneath the footing should extend a minimum 1 foot beyond the outside edges of the footing, and from that point outward laterally 1 foot for every 2 feet of fill thickness below the footing. **Exhibit 2** illustrates the structural fill placement below the footings.

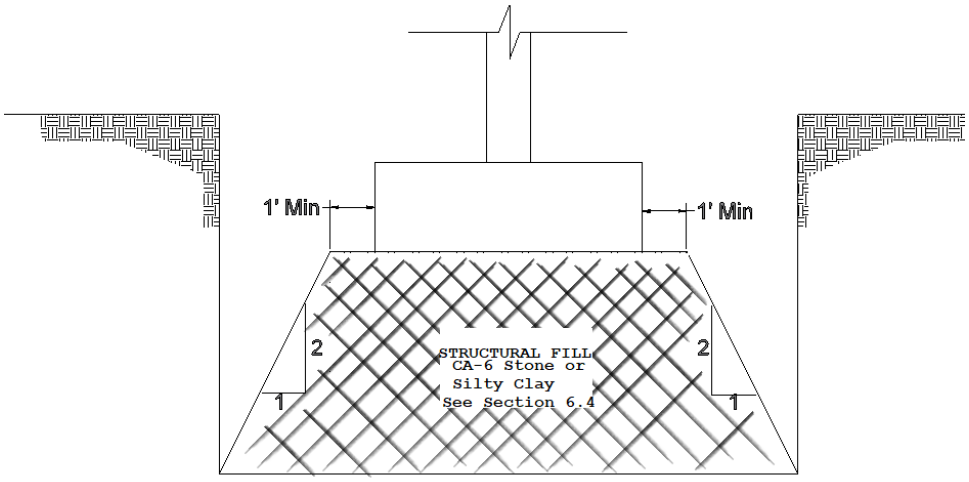


Exhibit 2: Structural Fill Placement Below Footings

The geotechnical engineer or designated representative should confirm suitable bearing conditions and evaluate all footing subgrades before placing reinforcing steel and concrete placement. Observations should also confirm that loose or soft material, organics, and unsuitable fill are removed. Localized undercut of footings may be required to remove any deleterious materials.

5.0 CONSTRUCTION CONSIDERATIONS

All work performed for the proposed project should conform to the requirements in the IDOT Standard Specifications for Construction (2021). Any deviation from the requirements in the manuals above should be approved by the design engineer.

5.1 Site Preparation

GSG also recommends removing all existing asphalt pavement, debris, and any soft or unsuitable/deleterious materials, across the site within the proposed new building footprint. After any unsuitable material is removed from the site, the exposed subgrade soils should be evaluated, and any unsuitable/deleterious material should be removed.

Although not encountered in the borings, any underground utility lines, buried slabs and foundation remnants that remain on the site and will impact the proposed building footprint and excavations should also be completely removed from beneath the proposed structure. Existing utility lines that are to be abandoned should be removed to the property line and should be plugged with cement grout. All excavations resulting from foundation and underground utilities removal activities should be cleaned of loose and disturbed materials, including all previously placed backfill, and backfilled with suitable fill materials. During the clearing and stripping operations, positive surface drainage should be maintained to prevent the accumulation of water.

Suitable structural fill materials shall be of a nature that will compact and develop stability satisfactory to the geotechnical engineer. It is recommended that structural fill generally consist of crushed limestone or recycled concrete consistent with IDOT CA-6 gradation. Materials to be used as structural fill shall be inorganic, free of waste and debris, and shall not contain frozen material or any material which, by decay or otherwise, might cause settlement. Structural fill shall be placed in lifts not to exceed 8 inches in loose thickness and should be compacted to a minimum of 95% of the material's modified proctor maximum dry density obtained according to the ASTM D1557 method.

No foundation concrete or structural fill should be placed upon wet or frozen subgrade soils. Rainfall and runoff can soften soils and affect the load bearing capacity of the soils. All water entering the foundation excavations should be removed prior to placement backfill materials above the footings.

5.2 Excavations

The contractor will be responsible for providing a safe excavation during the construction activities of the project. All excavations should be conducted in accordance with applicable federal, state, and local safety regulations, including, but not limited to the Occupational Safety and Health administration (OSHA) excavation safety standards. Excavation stability is dependent on soil conditions, depth of excavations and the magnitude of any surcharge loads on the ground surface adjacent to the excavation. Excavation near existing structures and underground utilities should be performed with extreme care to avoid undermining existing structures.

Based on the proposed improvement, we anticipate that the building excavation for the basement will require temporary shoring around the perimeter of the site. Excavation stability and soil pressures on temporary shoring are dependent on soil conditions, depth of excavations, installation procedures, and the magnitude of surcharge loads on the ground surface adjacent to the excavation. It is the responsibility of the contractor for field determinations of applicable conditions and providing adequate shoring for all excavation activities,

5.3 Borrow Material and Compaction Requirements

If borrow material is to be used for onsite construction, it should conform to Section 204 "Borrow and Furnish Excavations" of the IDOT Construction Manual (2020). The fill material should be free of organic matter and debris and should be placed and compacted in accordance with Section 205, Embankment, of the IDOT Construction Manual. Earth-moving operations should be avoided during excessively cold or wet weather to avoid freezing or softening of subgrade soils.

GSG recommends that subgrade preparation and compaction be inspected by a GSG geotechnical engineer to verify the type and strength of soil materials present at the site and their conformance with the geotechnical recommendations in this report.

5.4 Deep Foundation Installation

Due to the presence of very soft clay between approximately 12 and 43 feet below existing grade, special construction measures will be required during drilled shaft installation to prevent soil squeezing of the soft clay into the caissons. Based on subsurface test results, the City of Chicago may require utilizing a temporary steel casing during the caisson drilling activities to prevent squeezing into the caisson shafts. A permanent steel casing consisting of corrugated liner should be installed inside the temporary casing prior to removal of the temporary casing. The outer

space between the permanent and temporary casing, should be grouted using lean cement grout.

A wet construction method may be necessary for the caisson installation if temporary or permanent casing cannot seal off water infiltration into the shaft. Any water encountered should be removed from the base of the drilled shaft base prior to placing any concrete. The placement method of concrete for the drilled shaft foundation should be based on the amount of water present at the base of the shaft just prior to placing the concrete. Concrete may be placed using the free fall method, provided less than 2 inches of water is present at the base of the shaft at the time the concrete is being placed. If more than 2 inches of water is present, a tremie should be used in an effort to displace the water to the surface for removal.

GSG recommends that the caisson concrete be ready on site as the drilled shaft excavation is completed, so that the concrete can be placed immediately after completing the excavation. This will reduce the potential of water accumulation in the bottom of the shaft. Bottom cleanliness of the drilled shaft excavation should be observed from the ground surface with the use of flood light or down-hole camera. Workers should not enter the shaft to manually clean the base of the shaft due to safety reasons.

5.5 Groundwater Management

Based on the color change of the clay from brown to gray, it is anticipated that the long-term groundwater level is between elevations 4.6 to -0.7 CCD. Based on the proposed depths for the excavations for the basement to depths of up to 18 feet below grade, these areas may encounter some water within the excavation area, and a groundwater management system will likely be required for the site.

The upper fill soils may also contain perched water that could present wet conditions during construction of the at-grade improvements, which can be managed using sump and pump procedures. If temporary sheet piles are used for the excavations, GSG recommends installing interlock sheet piles in order to prevent water infiltration and maintain a dry excavation. If rainwater run-off or perched water is accumulated at the base of excavation, the contractor should remove accumulated water using conventional sump pit and pump procedures and maintain a dry and stable excavation.

During construction, the contractor should then remove all water entering excavation using conventional sump pits and pump procedures and maintain a dry and stable excavation. The

location of the sump should be determined by the contractor based on field conditions. During earthmoving activities at the site, grading should be performed to ensure that drainage is maintained throughout the construction period. Water should not be allowed to accumulate in the base of the excavation. Undercut and excavated areas should be sloped toward one corner to facilitate removal of any collected rainwater or surface run-off.

5.6 Temporary Sheeting and Soil Retention

Temporary soil retention systems are anticipated for the below-grade structure excavations. Either a cantilevered or tie-back sheet pile system could be considered for this project dependent upon available right-of-way available and final excavation plans. The sheet pile retaining system should be designed in accordance with the IDOT Bridge Design Manual, Section 3.13.1, *Temporary Sheet Piling Design, Temporary Soil Retention Systems and Braced Excavations* and the IDOT Design Guide, Section 3.13.1, *Temporary Sheet Piling Design.*

A cantilevered sheet pile system may have to be restrained with tie-back anchors. The deep sheet pile system restrained with tie-backs would then be subjected to "trapezoidal' lateral soil pressures that will result in greater lateral forces and moments compared to the cantilevered design.

5.7 Potential Effect of Excavation on Existing Structures and Utilities

Excavations adjacent to existing structures and utilities will reduce support to the foundation of these structures and utilities. Excavations should not extend below the level of adjacent existing foundations or utilities unless underpinning or other support is installed. It is the responsibility of the contractor for field determinations of applicable conditions and providing adequate shoring for all excavation activities.

Based on the proposed improvements, we anticipate excavations may extend to depths of 18 feet below existing grade. Existing structures, utilities, and CTA tracks are present adjacent to the project site; therefore, earth retention system or foundation underpinning may be required to limit ground movements and protect adjacent facilities during construction.

5.8 Building Condition Survey and Construction Monitoring

Existing structures around the site, including CTA elevated tracks and associated facilities, could be impacted by construction activities such as ground vibration during foundation installation,

basement excavations or ground vibration due to operation of heavy construction equipment. GSG recommends completing a pre-construction condition survey for all structures located around the site to document the existing conditions of the structures. The survey should include documentation of cracks, opening of joints, and other defects and deficiencies.

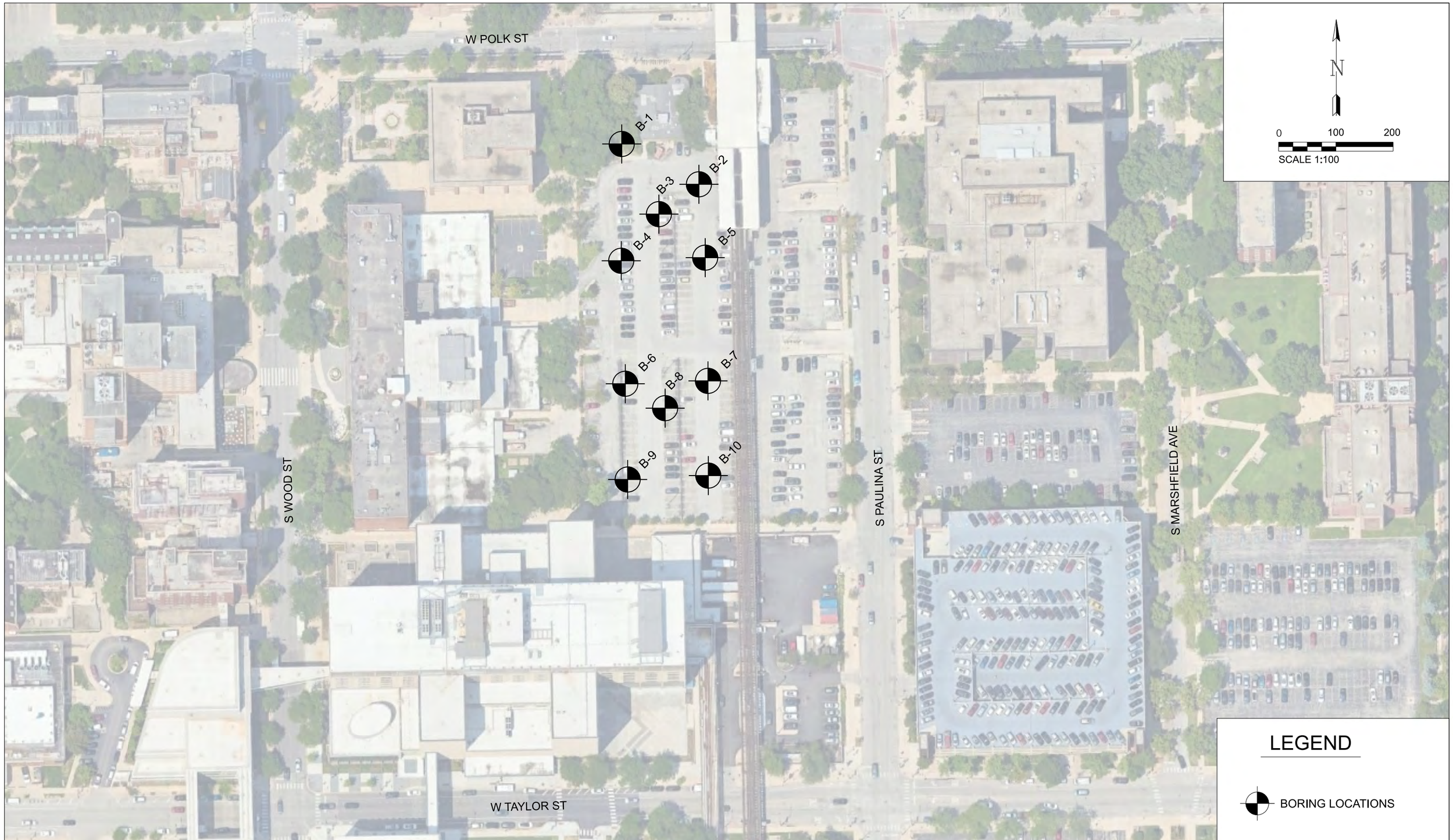
In addition, GSG recommends implementing a construction monitoring program during basement excavation and deep foundation installation to confirm that ground movements remain within acceptable limits and to protect adjacent facilities. The monitoring program should include settlement monitoring points installed on adjacent structures, at representative ground surface locations along the perimeter of the excavation, and along the side adjacent to the CTA tracks. Where construction activities may generate vibration, vibration monitoring should also be performed. If monitored movements or vibration levels exceed established thresholds, construction methods should be evaluated and modified as necessary to mitigate further movement. Coordination with the CTA may be required prior to construction to confirm applicable protection measures, monitoring requirements, and construction restrictions.

6.0 LIMITATIONS

This report has been prepared for the exclusive use of the UIC and its design consultant, Holabird & Root. The recommendations provided in the report are specific to the project described herein and are based on the information obtained from the soil boring locations within the proposed project limits. The analyses performed and the recommendations provided in this report are based on subsurface conditions determined at the location of the borings. This report may not reflect all variations that may occur between boring locations or at some other time, the nature and extent of which may not become evident until the time of construction. If variations in subsurface conditions become evident after submission of this report, it will be necessary to evaluate their nature and review the recommendations presented herein.

APPENDIX A

BORING LOCATION PLAN



GSG CONSULTANTS, INC.
735 E. REMINGTON RD, SCHAUMBURG, IL 60173
TEL: +1630.994.2600 | WWW.GSG-CONSULTANTS.COM

DRAWN BY:	NN
CHECKED BY:	AA
DATE:	01/19/2026
SCALE:	1:100

HOLABIRD & ROOT

APPENDIX A: SOIL BORING LOCATION PLAN

UIC DRUG DISCOVERY CENTER
WEST POLK STREET AND SOUTH PAULINA STREET
CHICAGO, ILLINOIS

FILE NAME: Z:\Projects\Holabird & Root\UIC Drug Discovery Center\Geotechnical\Exhibits\GSG\UIC Drug Discovery Center-PL-01.dgn
PEN TABLE: C:\Program Files\Bentley\MicroStation\CONNECT Edition\Standards\PenTables\Monochrome.tbl
PLOT DATE: 1/20/2026
PLOTTED BY: Nick Nowak
USER NAME: #15049

APPENDIX B

SOIL BORING LOGS

GSG CONSULTANTS, INC.
735 Remington Road, Schaumburg, IL 60173
Tel: 630.994.2600, www.gsg-consultants.com

BORING NUMBER B-1

CLIENT Holabrid & Root
PROJECT NAME UIC Drug Discovery Center
PROJECT NUMBER 25-2103
PROJECT LOCATION W. Polk St. and S. Paulina St., Chicago, Illinois
DATE STARTED 1/15/26 **COMPLETED** 1/15/26
GROUND ELEVATION 13.00 ft CCD **HOLE SIZE** 3 1/4
DRILLING CONTRACTOR GSG Drilling
GROUND WATER LEVELS:
DRILLING METHOD HSA
AT TIME OF DRILLING 48.50 ft / Elev -35.50 ft
LOGGED BY DV **CHECKED BY** AA
AT END OF DRILLING --- N/A
NOTES
AFTER DRILLING --- N/A

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY (%)	BLOW COUNTS (N VALUE)	UNCONFINED COMPRESSION (tsf)
0		2 inches of Topsoil				
		FILL: SILTY SAND, trace gravel - Dark Brown - Moist	SS 1	33	4-2-2 (4)	
		FILL: SILT, trace gravel, sand, bricks - Dark Brown - Very Moist	SS 2	56	2-2-3 (5)	
5						
		SILTY CLAY, trace gravel (CL/ML) - Brown and Gray - Very Stiff - Moist	SS 3	67	2-3-2 (5)	2.29
			SS 4	61	1-2-2 (4)	2.92
10						
		SILTY CLAY, trace gravel (CL/ML) - Gray - Medium Stiff to Stiff - Very Moist	SS 5	100	2-2-3 (5)	1.04
			SS 6	100	0-0-1 (1)	0.84
15						
		SILTY CLAY (CL/ML) - Gray - Soft to Medium Stiff - Moist to Very Moist	SS 7	100	0-0-0 (0)	0.42
20						
			SS 8	100	0-0-0 (0)	0.42
25						
			SS 9	100	0-0-0 (0)	0.62
30						

▲ SPT N VALUE
20 40 60 80
● Moisture Content
10 20 30 40
□ Unconfined Compression (tsf)
2 4 6 8

(Continued Next Page)

GEOTECH BH PLOTS - GINT STD US.GDT - 1/27/26 12:55 - Z:\PROJECTS\HOLABIRD & ROOT\UIC DRUG DISCOVERY CENTER\GEOTECHNICAL\FIELD TESTING\UIC BUILDING.GPJ

GSG CONSULTANTS, INC.
735 Remington Road, Schaumburg, IL 60173
Tel: 630.994.2600, www.gsg-consultants.com

BORING NUMBER B-1

CLIENT Holabrid & Root **PROJECT NAME** UIC Drug Discovery Center

PROJECT NUMBER 25-2103 **PROJECT LOCATION** W. Polk St. and S. Paulina St., Chicago, Illinois

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY (%)	BLOW COUNTS (N VALUE)	UNCONFINED COMPRESSION (tsf)
30		SILTY CLAY (CL/ML) - Gray - Soft to Medium Stiff - Moist to Very Moist *(continued)*				
35			SS 10	78	0-0-0 (0)	0.50
40			SS 11	67	0-0-2 (2)	0.83
45		CLAYEY SILT, trace gravel (ML/CL) - Gray - Hard - Moist	SS 12	78	19-23-24 (47)	7.29
50			SS 13	100	8-13-22 (35)	7.91
55		SILT, trace gravel, clay (ML) - Gray - Medium Dense to Dense - Moist	SS 14	89	10-14-15 (29)	
60			SS 15	78	11-16-31 (47)	

▲ SPT N VALUE
20 40 60 80
● Moisture Content
10 20 30 40
□ Unconfined Compression (tsf)
2 4 6 8

Bottom of borehole at 60.0 feet.

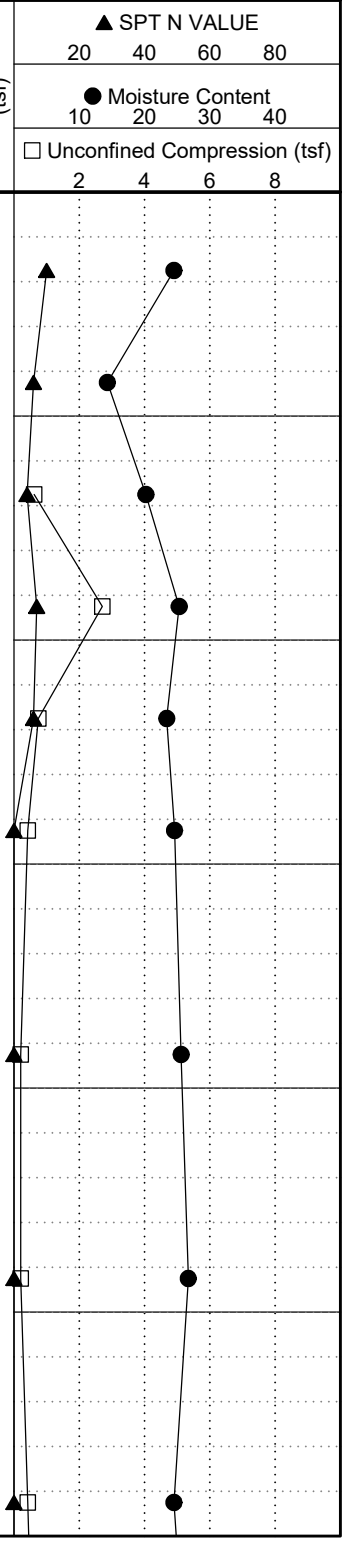
GEOTECH BH PLOTS - GINT STD US.GDT - 1/27/26 12:55 - Z:\PROJECTS\HOLABIRD & ROOT\UIC DRUG DISCOVERY CENTER\GEOTECHNICAL\FIELD TESTING\UIC BUILDING.GPJ

GSG CONSULTANTS, INC.
735 Remington Road, Schaumburg, IL 60173
Tel: 630.994.2600, www.gsg-consultants.com

BORING NUMBER B-2

CLIENT Holabrid & Root
PROJECT NAME UIC Drug Discovery Center
PROJECT NUMBER 25-2103
PROJECT LOCATION W. Polk St. and S. Paulina St., Chicago, Illinois
DATE STARTED 1/16/26 **COMPLETED** 1/16/26
GROUND ELEVATION 12.10 ft CCD **HOLE SIZE** 3 1/4
DRILLING CONTRACTOR GSG Drilling
GROUND WATER LEVELS:
DRILLING METHOD Mud Rotary
AT TIME OF DRILLING --- N/A
LOGGED BY MP **CHECKED BY** AA
AT END OF DRILLING --- N/A
NOTES Boring was offset 31 feet south from original location
AFTER DRILLING --- N/A

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY (%)	BLOW COUNTS (N VALUE)	UNCONFINED COMPRESSION (tsf)
0		8 inches of Asphalt				
		FILL: SILT, some bricks, sand, trace bricks - Black - Very Moist	SS 1	67	10-4-6 (10)	
			SS 2	56	2-3-3 (6)	
5						
		SILTY CLAY, trace sand, gravel - Brown and Gray - Medium Stiff to Very Stiff - Moist to Very Moist	SS 3	83	2-2-2 (4)	0.62
			SS 4	83	2-2-5 (7)	2.71
10						
		SILTY CLAY, trace gravel (CL/ML) - Gray - Very Soft to Medium Stiff - Moist to Very moist	SS 5	28	2-3-3 (6)	0.75
			SS 6	72	0-0-0 (0)	0.42
15						
			SS 7	67	0-0-0 (0)	0.21
20						
			SS 8	100	0-0-0 (0)	0.21
25						
			SS 9	100	0-0-0 (0)	0.42
30						



(Continued Next Page)

GEOTECH BH PLOTS - GINT STD US.GDT - 1/27/26 12:55 - Z:\PROJECTS\HOLABIRD & ROOT\UIC DRUG DISCOVERY CENTER\GEOTECHNICAL\FIELD TESTING\UIC BUILDING.GPJ

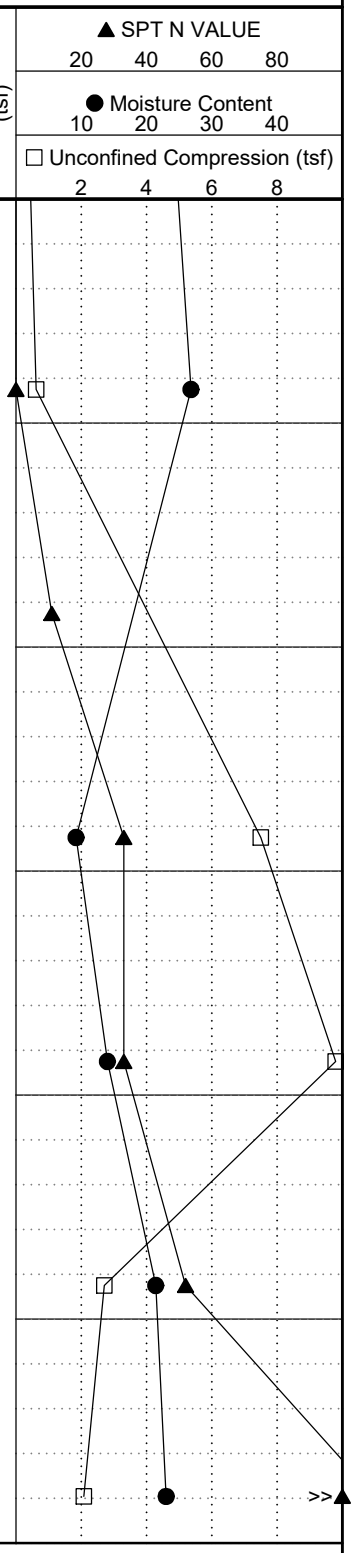
GSG CONSULTANTS, INC.
735 Remington Road, Schaumburg, IL 60173
Tel: 630.994.2600, www.gsg-consultants.com

BORING NUMBER B-2

CLIENT Holabrid & Root **PROJECT NAME** UIC Drug Discovery Center

PROJECT NUMBER 25-2103 **PROJECT LOCATION** W. Polk St. and S. Paulina St., Chicago, Illinois

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY (%)	BLOW COUNTS (N VALUE)	UNCONFINED COMPRESSION (tsf)
30		SILTY CLAY, trace gravel (CL/ML) - Gray - Very Soft to Medium Stiff - Moist to Very moist *(continued)*				
			SS 10	100	0-0-0 (0)	0.62
35						
		No recovery	SS 11	0	0-6-5 (11)	
40						
		SILTY CLAY, some shale fragments, trace sand (CL/ML) - Gray - Hard to Very Hard - Moist	SS 12	100	10-14-19 (33)	7.50
45						
			SS 13	67	11-16-17 (33)	9.79
50						
		CLAYEY SILT, trace gravel (ML/CL) - Gray - Very Stiff - Moist	SS 14	67	16-25-27 (52)	2.71
55						
			SS 15	64	11-50/5"	2.08
60		Bottom of borehole at 60.0 feet.				



GEOTECH BH PLOTS - GINT STD US.GDT - 1/27/26 12:55 - Z:\PROJECTS\HOLABIRD & ROOT\UIC DRUG DISCOVERY CENTER\GEOTECHNICAL\FIELD TESTING\UIC BUILDING.GPJ

GSG CONSULTANTS, INC.
735 Remington Road, Schaumburg, IL 60173
Tel: 630.994.2600, www.gsg-consultants.com

BORING NUMBER B-3

CLIENT Holabrid & Root
PROJECT NAME UIC Drug Discovery Center
PROJECT NUMBER 25-2103
PROJECT LOCATION W. Polk St. and S. Paulina St., Chicago, Illinois
DATE STARTED 1/14/26 **COMPLETED** 1/14/26
GROUND ELEVATION 11.50 ft CCD **HOLE SIZE** 3 1/4
DRILLING CONTRACTOR GSG Drilling
GROUND WATER LEVELS:
DRILLING METHOD Mud Rotary
AT TIME OF DRILLING --- N/A
LOGGED BY MP **CHECKED BY** AA
AT END OF DRILLING --- N/A
NOTES Water Level below 10' is N/A due to Mud Rotary Techniques
AFTER DRILLING --- N/A

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY (%)	BLOW COUNTS (N VALUE)	UNCONFINED COMPRESSION (tsf)
0		6 inches of Asphalt				
		FILL: SILTY CLAY, trace sand, gravel, with bricks - Black and Dark Gray - Moist	SS 1	50	9-12-15 (27)	3.29
			SS 2	17	3-2-2 (4)	1.25
5		FILL: SILTY CLAY, trace gravel, sand - Brown and Gray - Moist	SS 3	67	3-2-3 (5)	4.30
		SILTY CLAY, trace gravel, sand (CL/ML) - Brown and Gray - Hard - Moist	SS 4	100	3-3-3 (6)	4.17
10		SILTY CLAY, trace gravel (CL/ML) - Gray - Very Soft to Soft - Very Moist	SS 5	100	3-3-4 (7)	0.63
			SS 6	100	0-0-0 (0)	0.21
15						
			SS 7	100	0-0-0 (0)	0.21
20						
			SS 8	100	0-0-0 (0)	0.21
25						
			SS 9	100	0-0-0 (0)	0.21
30						

▲ SPT N VALUE
20 40 60 80
● Moisture Content
10 20 30 40
□ Unconfined Compression (tsf)
2 4 6 8

(Continued Next Page)

GEOTECH BH PLOTS - GINT STD US.GDT - 1/27/26 12:55 - Z:\PROJECTS\HOLABIRD & ROOT\UIC DRUG DISCOVERY CENTER\GEOTECHNICAL\FIELD TESTING\UIC BUILDING.GPJ

GSG CONSULTANTS, INC.
735 Remington Road, Schaumburg, IL 60173
Tel: 630.994.2600, www.gsg-consultants.com

BORING NUMBER B-3

CLIENT Holabrid & Root **PROJECT NAME** UIC Drug Discovery Center

PROJECT NUMBER 25-2103 **PROJECT LOCATION** W. Polk St. and S. Paulina St., Chicago, Illinois

DEPTH (ft)	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY (%)	BLOW COUNTS (N VALUE)	UNCONFINED COMPRESSION (tsf)
30	SILTY CLAY, trace gravel (CL/ML) - Gray - Very Soft to Soft - Very Moist *(continued)*				
35		SS 10	100	0-0-0 (0)	0.42
40	SILTY CLAY, trace gravel, sand (CL/ML) - Gray - Stiff - Moist	SS 11	67	4-4-5 (9)	1.67
45	CLAYEY SILT, trace gravel, sand (ML/CL) - Gray - Stiff to Hard - Moist	SS 12	67	14-14-17 (31)	8.95
50		SS 13	67	17-21-25 (46)	2.5
55		SS 14	67	14-12-11 (23)	1.25
60	Sand layer at 58.5 feet SILTY CLAY, trace gravel, sand (CL/ML) - Dark Gray - Hard to Very Hard - Moist	SS 15	78	14-12-19 (31)	5.83
		SS		19-26-33	

▲ SPT N VALUE
20 40 60 80
● Moisture Content
10 20 30 40
□ Unconfined Compression (tsf)
2 4 6 8

(Continued Next Page)

GEOTECH BH PLOTS - GINT STD US.GDT - 1/27/26 12:55 - Z:\PROJECTS\HOLABIRD & ROOT\UIC DRUG DISCOVERY CENTER\GEOTECHNICAL\FIELD TESTING\UIC BUILDING.GPJ

GSG CONSULTANTS, INC.
735 Remington Road, Schaumburg, IL 60173
Tel: 630.994.2600, www.gsg-consultants.com

BORING NUMBER B-3

CLIENT Holabrid & Root **PROJECT NAME** UIC Drug Discovery Center

PROJECT NUMBER 25-2103 **PROJECT LOCATION** W. Polk St. and S. Paulina St., Chicago, Illinois

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY (%)	BLOW COUNTS (N VALUE)	UNCONFINED COMPRESSION (tsf)
65		SILTY CLAY, trace gravel, sand (CL/ML) - Dark Gray - Hard to Very Hard - Moist *(continued)*	SS 16	100	(59)	8.95
70			SS 17	100	20-24-30 (54)	8.33
75			SS 18	22	34-41-45 (86)	3.96
80			SS 19	100	11-13-29 (42)	4.17
85		SANDY SILT, trace gravel, silt (MLS) - Gray - Very Dense - Moist	SS 20	36	48-50/5"	
90			SS 21	50	50/4"	

Bottom of borehole at 90.0 feet.

▲ SPT N VALUE
20 40 60 80
● Moisture Content
10 20 30 40
□ Unconfined Compression (tsf)
2 4 6 8

GEOTECH BH PLOTS - GINT STD US.GDT - 1/27/26 12:55 - Z:\PROJECTS\HOLABIRD & ROOT\UIC DRUG DISCOVERY CENTER\GEOTECHNICAL\FIELD TESTING\UIC BUILDING.GPJ

GSG CONSULTANTS, INC.
735 Remington Road, Schaumburg, IL 60173
Tel: 630.994.2600, www.gsg-consultants.com

BORING NUMBER B-4

CLIENT Holabrid & Root
PROJECT NAME UIC Drug Discovery Center
PROJECT NUMBER 25-2103
PROJECT LOCATION W. Polk St. and S. Paulina St., Chicago, Illinois
DATE STARTED 1/15/26 **COMPLETED** 1/15/26
GROUND ELEVATION 12.90 ft CCD **HOLE SIZE** 3 1/4
DRILLING CONTRACTOR GSG Drilling
GROUND WATER LEVELS:
DRILLING METHOD Mud Rotary
AT TIME OF DRILLING --- N/A
LOGGED BY MP **CHECKED BY** AA
AT END OF DRILLING --- N/A
NOTES
AFTER DRILLING --- N/A

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY (%)	BLOW COUNTS (N VALUE)	UNCONFINED COMPRESSION (tsf)
0		6 inches of Asphalt				
		FILL: SILTY CLAY, little gravel, sand, trace brick - Brown, Gray, and Black - Moist	SS 1	61	4-3-3 (6)	1.87
			SS 2	67	2-3-3 (6)	1.04
5						
		SILTY CLAY, trace gravel (CL/ML) - Brown and Gray - Medium Stiff - Moist	SS 3	100	2-2-3 (5)	0.83
			SS 4	17	2-2-3 (5)	0.50
10						
		SILTY CLAY, trace gravel (CL/ML) - Gray - Very Soft to Medium Stiff - Moist to Very Moist	SS 5	100	2-3-3 (6)	0.42
			SS 6	100	2-1-2 (3)	0.62
15						
			SS 7	100	0-0-0 (0)	0.21
20						
			SS 8	100	0-0-0 (0)	0.21
25						
			SS 9	100	0-0-0 (0)	0.42
30						

▲ SPT N VALUE
20 40 60 80
● Moisture Content
10 20 30 40
□ Unconfined Compression (tsf)
2 4 6 8

(Continued Next Page)

GEOTECH BH PLOTS - GINT STD US.GDT - 2/2/26 15:48 - Z:\PROJECTS\HOLABIRD & ROOT\UIC DRUG DISCOVERY CENTER\GEOTECHNICAL\FIELD TESTING\UIC BUILDING.GPJ

GSG CONSULTANTS, INC.
735 Remington Road, Schaumburg, IL 60173
Tel: 630.994.2600, www.gsg-consultants.com

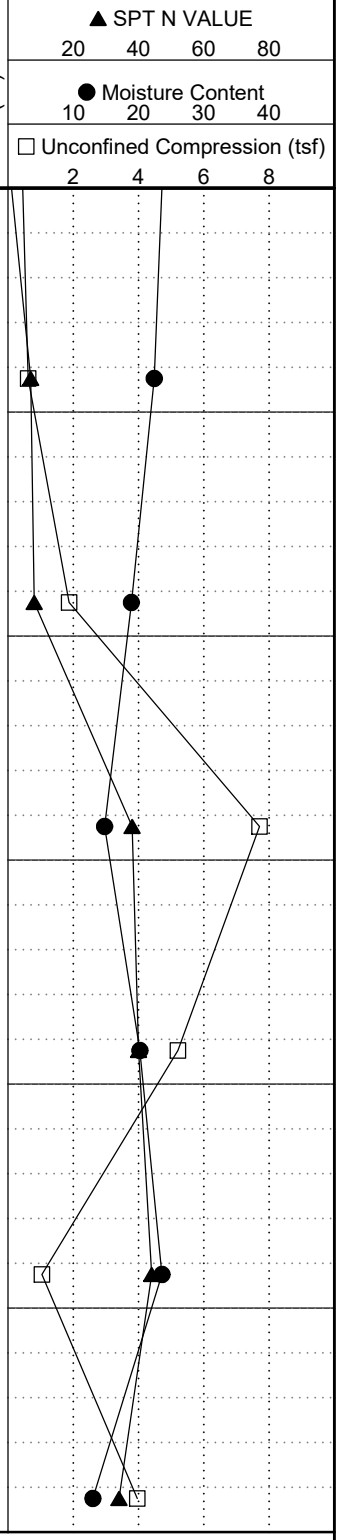
BORING NUMBER B-4

CLIENT Holabrid & Root **PROJECT NAME** UIC Drug Discovery Center

PROJECT NUMBER 25-2103 **PROJECT LOCATION** W. Polk St. and S. Paulina St., Chicago, Illinois

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY (%)	BLOW COUNTS (N VALUE)	UNCONFINED COMPRESSION (tsf)
30		SILTY CLAY, trace gravel (CL/ML) - Gray - Very Soft to Medium Stiff - Moist to Very Moist *(continued)*				
35			SS 10	72	0-3-4 (7)	0.62
40		SILTY CLAY, trace sand, gravel (CL/ML) - Gray to Dark Gray - Stiff to Hard - Moist	SS 11	67	4-4-4 (8)	1.87
45			SS 12	100	14-14-24 (38)	7.71
50		CLAYEY SILT, trace gravel (ML/CL) - Gray to Dark Gray - Stiff to Hard - Moist	SS 13	100	16-18-22 (40)	5.21
55			SS 14	56	17-20-24 (44)	1.04
60		CLAYEY SILT, little sand, trace gravel (ML/CL) - Dark Gray - Very Stiff - Moist	SS 15	100	13-16-18 (34)	3.96

Bottom of borehole at 60.0 feet.



GEOTECH BH PLOTS - GINT STD US.GDT - 2/2/26 15:48 - Z:\PROJECTS\HOLABIRD & ROOT\UIC DRUG DISCOVERY CENTER\GEOTECHNICAL\FIELD TESTING\UIC BUILDING.GPJ

GSG CONSULTANTS, INC.
735 Remington Road, Schaumburg, IL 60173
Tel: 630.994.2600, www.gsg-consultants.com

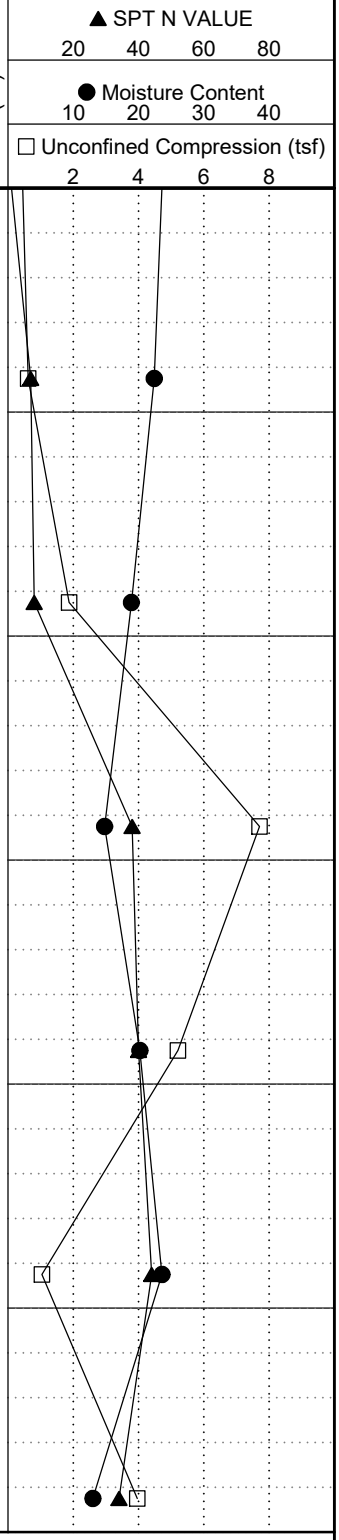
BORING NUMBER B-4

CLIENT Holabrid & Root **PROJECT NAME** UIC Drug Discovery Center

PROJECT NUMBER 25-2103 **PROJECT LOCATION** W. Polk St. and S. Paulina St., Chicago, Illinois

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY (%)	BLOW COUNTS (N VALUE)	UNCONFINED COMPRESSION (tsf)
30		SILTY CLAY, trace gravel (CL/ML) - Gray - Very Soft to Medium Stiff - Moist to Very Moist *(continued)*				
35			SS 10	72	0-3-4 (7)	0.62
40		SILTY CLAY, trace sand, gravel (CL/ML) - Gray to Dark Gray - Stiff to Hard - Moist	SS 11	67	4-4-4 (8)	1.87
45			SS 12	100	14-14-24 (38)	7.71
50		CLAYEY SILT, trace gravel (ML/CL) - Gray to Dark Gray - Stiff to Hard - Moist	SS 13	100	16-18-22 (40)	5.21
55			SS 14	56	17-20-24 (44)	1.04
60		CLAYEY SILT, little sand, trace gravel (ML/CL) - Dark Gray - Very Stiff - Moist	SS 15	100	13-16-18 (34)	3.96

Bottom of borehole at 60.0 feet.



GEOTECH BH PLOTS - GINT STD US.GDT - 1/27/26 12:55 - Z:\PROJECTS\HOLABIRD & ROOT\UIC DRUG DISCOVERY CENTER\GEOTECHNICAL\FIELD TESTING\UIC BUILDING.GPJ

GSG CONSULTANTS, INC.
735 Remington Road, Schaumburg, IL 60173
Tel: 630.994.2600, www.gsg-consultants.com

BORING NUMBER B-5

CLIENT Holabrid & Root
PROJECT NAME UIC Drug Discovery Center
PROJECT NUMBER 25-2103
PROJECT LOCATION W. Polk St. and S. Paulina St., Chicago, Illinois
DATE STARTED 1/16/26 **COMPLETED** 1/16/26
GROUND ELEVATION 13.10 ft CCD **HOLE SIZE** 3 1/4
DRILLING CONTRACTOR GSG Drilling
GROUND WATER LEVELS:
DRILLING METHOD HSA
AT TIME OF DRILLING --- N/A
LOGGED BY DV **CHECKED BY** AA
AT END OF DRILLING --- N/A
NOTES
AFTER DRILLING --- N/A

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY (%)	BLOW COUNTS (N VALUE)	UNCONFINED COMPRESSION (tsf)
0		6 inches of Asphalt				
		FILL: SILTY CLAY, trace gravel - Dark Brown - Moist	SS 1	67	5-3-4 (7)	0.83
		FILL: SAND, with silt, trace gravel, sand - Dark Brown - Very Moist	SS 2	44	4-2-2 (4)	
5		SILTY CLAY, trace gravel (CL/ML) - Brown and Gray - Soft - Moist	SS 3	44	1-2-4 (6)	0.25
		SILTY CLAY, trace gravel (CL/ML) - Gray - Soft to Very Stiff - Moist	SS 4	56	2-1-2 (3)	0.42
10			SS 5	100	2-3-4 (7)	2.29
		SILTY CLAY (CL/ML) - Gray - Very Soft to Soft - Very Moist	SS 6	100	2-2-2 (4)	0.42
15						
			SS 7	89	3-1-1 (2)	0.21
20						
			SS 8	6	2-2-2 (4)	
25						
			SS 9	89	0-2-2 (4)	0.21
30						

▲ SPT N VALUE
20 40 60 80
● Moisture Content
10 20 30 40
□ Unconfined Compression (tsf)
2 4 6 8

(Continued Next Page)

GEOTECH BH PLOTS - GINT STD US.GDT - 1/27/26 12:55 - Z:\PROJECTS\HOLABIRD & ROOT\UIC DRUG DISCOVERY CENTER\GEOTECHNICAL\FIELD TESTING\UIC BUILDING.GPJ

GSG CONSULTANTS, INC.
735 Remington Road, Schaumburg, IL 60173
Tel: 630.994.2600, www.gsg-consultants.com

BORING NUMBER B-5

CLIENT Holabrid & Root **PROJECT NAME** UIC Drug Discovery Center

PROJECT NUMBER 25-2103 **PROJECT LOCATION** W. Polk St. and S. Paulina St., Chicago, Illinois

DEPTH (ft)	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY (%)	BLOW COUNTS (N VALUE)	UNCONFINED COMPRESSION (tsf)
30	SILTY CLAY (CL/ML) - Gray - Very Soft to Soft - Very Moist *(continued)*				
35		SS 10	67	0-2-2 (4)	0.21
40	CLAYEY SILT, trace gravel (ML/CL) - Gray - Very Stiff - Moist	SS 11	67	5-6-7 (13)	3.75
45	SILT (ML) - Gray - Medium Dense to Dense - Moist to Very Moist	SS 12	89	6-18-26 (44)	
50		SS 13	100	10-26-28 (54)	
55		SS 14	89	10-17-18 (35)	
60		SS 15	89	8-13-15 (28)	

▲ SPT N VALUE
20 40 60 80
● Moisture Content
10 20 30 40
□ Unconfined Compression (tsf)
2 4 6 8

Bottom of borehole at 60.0 feet.

GEOTECH BH PLOTS - GINT STD US.GDT - 1/27/26 12:55 - Z:\PROJECTS\HOLABIRD & ROOT\UIC DRUG DISCOVERY CENTER\GEOTECHNICAL\FIELD TESTING\UIC BUILDING.GPJ

GSG CONSULTANTS, INC.
735 Remington Road, Schaumburg, IL 60173
Tel: 630.994.2600, www.gsg-consultants.com

BORING NUMBER B-6

CLIENT Holabrid & Root
PROJECT NAME UIC Drug Discovery Center
PROJECT NUMBER 25-2103
PROJECT LOCATION W. Polk St. and S. Paulina St., Chicago, Illinois
DATE STARTED 1/15/26 **COMPLETED** 1/15/26
GROUND ELEVATION 12.80 ft CCD **HOLE SIZE** 3 1/4
DRILLING CONTRACTOR GSG Drilling
GROUND WATER LEVELS:
DRILLING METHOD HSA
AT TIME OF DRILLING 18.50 ft / Elev -5.70 ft
LOGGED BY CC **CHECKED BY** AA
AT END OF DRILLING --- N/A
NOTES
AFTER DRILLING --- N/A

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY (%)	BLOW COUNTS (N VALUE)	UNCONFINED COMPRESSION (tsf)
0		4 inches of Asphalt				
		FILL: SILTY SAND, trace gravel, with bricks - Brown - Moist to Very Moist	SS 1	22	6-3-4 (7)	
			SS 2	21	1-2-50/2"	
5		Wood at 4.5 feet				
		SILTY CLAY, trace gravel (CL/ML) - Brown and Gray - Medium Stiff to Vey Stiff - Moist	SS 3	39	1-1-2 (3)	1.67
			SS 4	89	2-3-2 (5)	2.71
10			SS 5	72	2-1-2 (3)	0.5
		SILTY CLAY (CL/ML) - Gray - Very Soft to Medium Stiff - Very Moist	SS 6	100	1-1-1 (2)	0.62
15						
	▽		SS 7	100	0-0-0 (0)	0.0
20						
		Low recovery	SS 8	6	2-1-1 (2)	
25						
			SS 9	100	0-0-1 (1)	0.42
30						

▲ SPT N VALUE
20 40 60 80
● Moisture Content
10 20 30 40
□ Unconfined Compression (tsf)
2 4 6 8

>>63.1

(Continued Next Page)

GEOTECH BH PLOTS - GINT STD US.GDT - 1/27/26 12:55 - Z:\PROJECTS\HOLABIRD & ROOT\UIC DRUG DISCOVERY CENTER\GEOTECHNICAL\FIELD TESTING\UIC BUILDING.GPJ

GSG CONSULTANTS, INC.
735 Remington Road, Schaumburg, IL 60173
Tel: 630.994.2600, www.gsg-consultants.com

BORING NUMBER B-6

CLIENT Holabrid & Root **PROJECT NAME** UIC Drug Discovery Center

PROJECT NUMBER 25-2103 **PROJECT LOCATION** W. Polk St. and S. Paulina St., Chicago, Illinois

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY (%)	BLOW COUNTS (N VALUE)	UNCONFINED COMPRESSION (tsf)
30		SILTY CLAY (CL/ML) - Gray - Very Soft to Medium Stiff - Very Moist *(continued)*				
35			SS 10	100	0-0-0 (0)	0.42
40		No recovery	SS 11	0	0-3-4 (7)	
45		SILTY CLAY, trace gravel, sand (CL/ML) - Gray - Very Stiff to Hard - Moist	SS 12	100	5-9-10 (19)	5.83
50			SS 13	100	9-11-16 (27)	2.08
55		SILTY CLAY, trace gravel, sand (CL/ML) - Gray - Stiff to Hard - Very Moist	SS 14	100	8-13-14 (27)	1.04
60		SAND (SP) - Gray - Loose - Moist	SS 15	100	2-4-5 (9)	

Bottom of borehole at 60.0 feet.

▲ SPT N VALUE
20 40 60 80
● Moisture Content
10 20 30 40
□ Unconfined Compression (tsf)
2 4 6 8

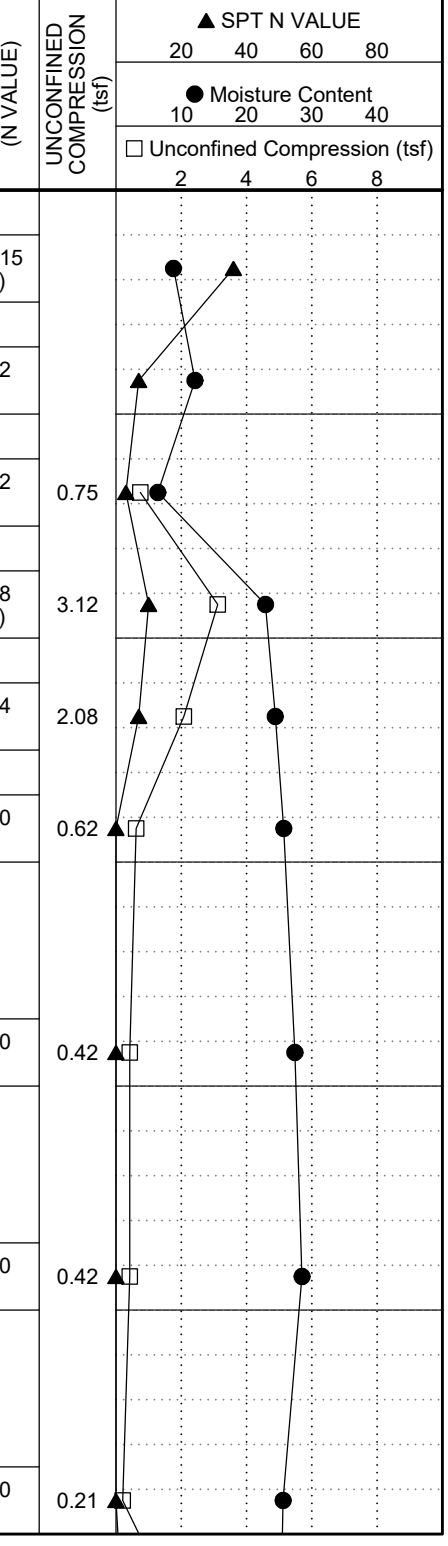
GEOTECH BH PLOTS - GINT STD US.GDT - 1/27/26 12:55 - Z:\PROJECTS\HOLABIRD & ROOT\UIC DRUG DISCOVERY CENTER\GEOTECHNICAL\FIELD TESTING\UIC BUILDING.GPJ

GSG CONSULTANTS, INC.
735 Remington Road, Schaumburg, IL 60173
Tel: 630.994.2600, www.gsg-consultants.com

BORING NUMBER B-7

CLIENT Holabrid & Root
PROJECT NAME UIC Drug Discovery Center
PROJECT NUMBER 25-2103
PROJECT LOCATION W. Polk St. and S. Paulina St., Chicago, Illinois
DATE STARTED 1/16/26 **COMPLETED** 1/16/26
GROUND ELEVATION 13.10 ft CCD **HOLE SIZE** 3 1/4
DRILLING CONTRACTOR GSG Drilling
GROUND WATER LEVELS:
DRILLING METHOD Mud Rotary
AT TIME OF DRILLING --- N/A
LOGGED BY MP **CHECKED BY** AA
AT END OF DRILLING --- N/A
NOTES
AFTER DRILLING --- N/A

DEPTH (ft)	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY (%)	BLOW COUNTS (N VALUE)	UNCONFINED COMPRESSION (tsf)
0	6 inches of Asphalt				
	FILL: SANDY SILT, with broken rocks - Black and Tan - Moist Push rock from 1.5 to 2.5 feet	SS 1	28	6-21-15 (36)	
5		SS 2	17	4-5-2 (7)	
	FILL: SILTY CLAY, with silt - Blue and Brown - Moist	SS 3	22	2-1-2 (3)	0.75
10	SILTY CLAY, little sand, trace gravel (CL/ML) - Brown and Gray - Very Stiff - Moist	SS 4	100	2-2-8 (10)	3.12
		SS 5	100	3-3-4 (7)	2.08
15	SILTY CLAY, trace gravel (CL/ML) - Gray - Very Soft to Medium Stiff - Very Moist	SS 6	100	0-0-0 (0)	0.62
		SS 7	100	0-0-0 (0)	0.42
20					
25		SS 8	100	0-0-0 (0)	0.42
30		SS 9	100	0-0-0 (0)	0.21



(Continued Next Page)

GEOTECH BH PLOTS - GINT STD US.GDT - 1/27/26 12:55 - Z:\PROJECTS\HOLABIRD & ROOT\UIC DRUG DISCOVERY CENTER\GEOTECHNICAL\FIELD TESTING\UIC BUILDING.GPJ

GSG CONSULTANTS, INC.
735 Remington Road, Schaumburg, IL 60173
Tel: 630.994.2600, www.gsg-consultants.com

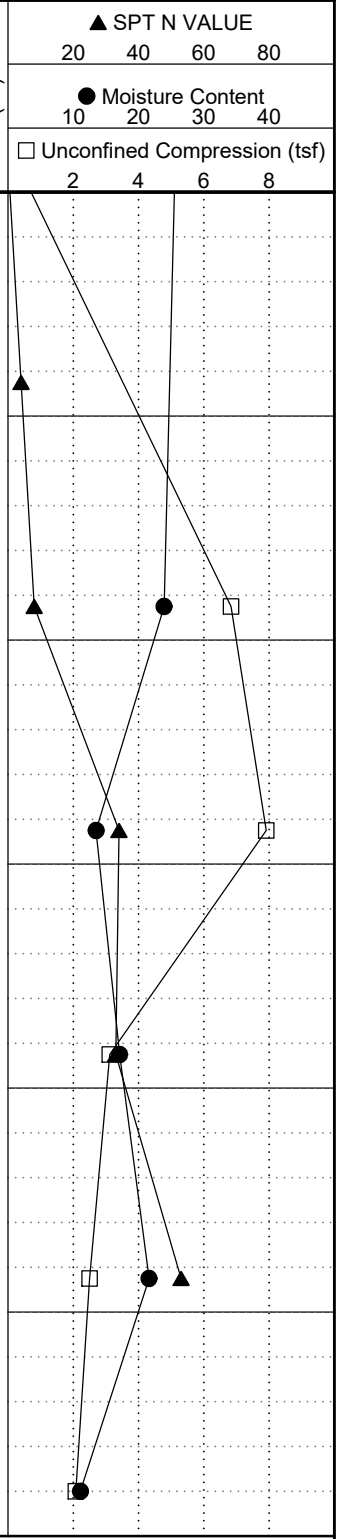
BORING NUMBER B-7

CLIENT Holabrid & Root **PROJECT NAME** UIC Drug Discovery Center

PROJECT NUMBER 25-2103 **PROJECT LOCATION** W. Polk St. and S. Paulina St., Chicago, Illinois

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY (%)	BLOW COUNTS (N VALUE)	UNCONFINED COMPRESSION (tsf)
30		SILTY CLAY, trace gravel (CL/ML) - Gray - Very Soft to Medium Stiff - Very Moist *(continued)*				
35		No recovery	SS 10	0	0-2-2 (4)	
40		SILTY CLAY, trace gravel (CL/ML) - Dark Gray - Very Stiff to Hard - Moist	SS 11	100	2-3-5 (8)	6.83
45			SS 12	100	14-14-20 (34)	7.91
50			SS 13	100	9-14-19 (33)	3.12
55		CLAYEY SILT, little sand (ML/CL) - Gray - Very Stiff - Moist Sand layer at 53.5 feet	SS 14	100	18-22-31 (53)	2.50
60			SS 15	100	20-50	2.08

Bottom of borehole at 60.0 feet.



GEOTECH BH PLOTS - GINT STD US.GDT - 1/27/26 12:55 - Z:\PROJECTS\HOLABIRD & ROOT\UIC DRUG DISCOVERY CENTER\GEOTECHNICAL\FIELD TESTING\UIC BUILDING.GPJ

GSG CONSULTANTS, INC.
735 Remington Road, Schaumburg, IL 60173
Tel: 630.994.2600, www.gsg-consultants.com

BORING NUMBER B-8

CLIENT Holabrid & Root
PROJECT NAME UIC Drug Discovery Center
PROJECT NUMBER 25-2103
PROJECT LOCATION W. Polk St. and S. Paulina St., Chicago, Illinois
DATE STARTED 1/16/26 **COMPLETED** 1/16/26
GROUND ELEVATION 13.00 ft CCD **HOLE SIZE** 3 1/4
DRILLING CONTRACTOR GSG Drilling
GROUND WATER LEVELS:
DRILLING METHOD HSA
AT TIME OF DRILLING 13.50 ft / Elev -0.50 ft
LOGGED BY DV **CHECKED BY** AA
AT END OF DRILLING --- N/A
NOTES
AFTER DRILLING --- N/A

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY (%)	BLOW COUNTS (N VALUE)	UNCONFINED COMPRESSION (tsf)
0		7 inches of Asphalt				
		FILL: SAND, with brick - Dark Brown - Moist	SS 1	17	9-7-8 (15)	
		FILL: GRAVEL, with sand - Gray - Moist	SS 2	11	10-6-1 (7)	
5						
		SILTY CLAY, trace gravel, sand (CL/ML) - Gray - Stiff to Very Stiff - Moist	SS 3	33	5-2-3 (5)	1.67
			SS 4	67	1-3-4 (7)	2.92
10						
		SILTY CLAY, trace gravel (CL/ML) - Gray - Very Soft to Medium stiff - Moist to Very Moist	SS 5	100	2-3-2 (5)	0.83
		▽	SS 6	78	2-1-2 (3)	0.62
15						
		Vane Shear at 17 feet Shear Strength = 0.44 tsf Remolded = 0.29 tsf	SS 7	100	0-0-0 (0)	0.21
20						
		Vane Shear at 22 feet Shear Strength = 0.41 tsf Remolded = 0.25 tsf	SS 8	100	0-1-2 (3)	0.42
25						
			SS 9	100	0-0-0 (0)	0.42
30						

▲ SPT N VALUE
20 40 60 80
● Moisture Content
10 20 30 40
□ Unconfined Compression (tsf)
2 4 6 8

(Continued Next Page)

GEOTECH BH PLOTS - GINT STD US.GDT - 1/27/26 12:55 - Z:\PROJECTS\HOLABIRD & ROOT\UIC DRUG DISCOVERY CENTER\GEOTECHNICAL\FIELD TESTING\UIC BUILDING.GPJ

GSG CONSULTANTS, INC.
735 Remington Road, Schaumburg, IL 60173
Tel: 630.994.2600, www.gsg-consultants.com

BORING NUMBER B-8

CLIENT Holabrid & Root **PROJECT NAME** UIC Drug Discovery Center

PROJECT NUMBER 25-2103 **PROJECT LOCATION** W. Polk St. and S. Paulina St., Chicago, Illinois

DEPTH (ft)	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY (%)	BLOW COUNTS (N VALUE)	UNCONFINED COMPRESSION (tsf)
30	SILTY CLAY, trace gravel (CL/ML) - Gray - Very Soft to Medium stiff - Moist to Very Moist *(continued)*				
	Vane Shear at 32 feet Shear Strength = 0.39 tsf Remolded = 0.31 tsf				
35		SS 10	100	1-2-2 (4)	0.62
40		SS 11	100	3-2-7 (9)	0.62
45	CLAYEY SILT, trace gravel (ML-CL) - Gray - Hard - Moist	SS 12	89	6-12-15 (27)	7.91
50	SILT, trace gravel (ML) - Gray - Dense - Moist to Very Moist	SS 13	78	7-17-25 (42)	
55		SS 14	100	9-15-12 (27)	
60		SS 15	100	11-18-23 (41)	

Bottom of borehole at 60.0 feet.

▲ SPT N VALUE
20 40 60 80
● Moisture Content
10 20 30 40
□ Unconfined Compression (tsf)
2 4 6 8

GEOTECH BH PLOTS - GINT STD US.GDT - 1/27/26 12:55 - Z:\PROJECTS\HOLABIRD & ROOT\UIC DRUG DISCOVERY CENTER\GEOTECHNICAL\FIELD TESTING\UIC BUILDING.GPJ

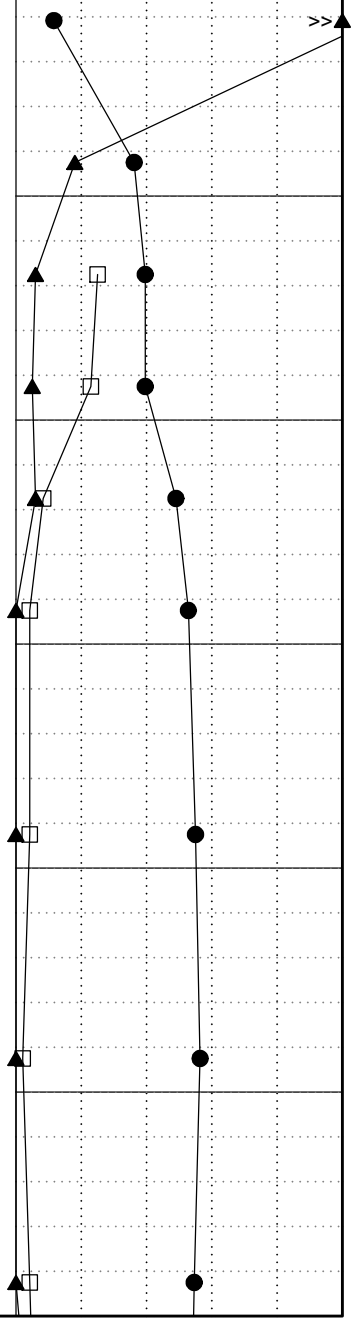
GSG CONSULTANTS, INC.
735 Remington Road, Schaumburg, IL 60173
Tel: 630.994.2600, www.gsg-consultants.com

BORING NUMBER B-9

CLIENT Holabrid & Root
PROJECT NAME UIC Drug Discovery Center
PROJECT NUMBER 25-2103
PROJECT LOCATION W. Polk St. and S. Paulina St., Chicago, Illinois
DATE STARTED 1/15/26 **COMPLETED** 1/15/26
GROUND ELEVATION 12.80 ft CCD **HOLE SIZE** 3 1/4
DRILLING CONTRACTOR GSG Drilling
GROUND WATER LEVELS:
DRILLING METHOD Mud Rotary
AT TIME OF DRILLING --- N/A
LOGGED BY MP **CHECKED BY** AA
AT END OF DRILLING --- N/A
NOTES
AFTER DRILLING --- N/A

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY (%)	BLOW COUNTS (N VALUE)	UNCONFINED COMPRESSION (tsf)
0		6 inches of Asphalt				
		FILL: SILTY SAND, with gravel, limestone fragments - Gray - Moist	SS 1	100	50/2"	
5			SS 2	39	21-9-9 (18)	
		SILTY CLAY, trace sand, gravel (CL/ML) - Brown and Gray - Very Stiff - Moist	SS 3	61	3-3-3 (6)	2.50
10			SS 4	100	3-2-3 (5)	2.29
		SILTY CLAY, trace gravel (CL/ML) - Gray - Very Soft to Medium Stiff - Moist to Very Moist	SS 5	100	3-3-3 (6)	0.83
15			SS 6	100	0-0-0 (0)	0.42
20			SS 7	100	0-0-0 (0)	0.42
25			SS 8	100	0-0-0 (0)	0.21
30			SS 9	100	0-0-0 (0)	0.42

▲ SPT N VALUE
20 40 60 80
● Moisture Content
10 20 30 40
□ Unconfined Compression (tsf)
2 4 6 8



(Continued Next Page)

GEOTECH BH PLOTS - GINT STD US.GDT - 1/27/26 12:55 - Z:\PROJECTS\HOLABIRD & ROOT\UIC DRUG DISCOVERY CENTER\GEOTECHNICAL\FIELD TESTING\UIC BUILDING.GPJ

GSG CONSULTANTS, INC.
735 Remington Road, Schaumburg, IL 60173
Tel: 630.994.2600, www.gsg-consultants.com

BORING NUMBER B-9

CLIENT Holabrid & Root **PROJECT NAME** UIC Drug Discovery Center

PROJECT NUMBER 25-2103 **PROJECT LOCATION** W. Polk St. and S. Paulina St., Chicago, Illinois

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY (%)	BLOW COUNTS (N VALUE)	UNCONFINED COMPRESSION (tsf)
30		SILTY CLAY, trace gravel (CL/ML) - Gray - Very Soft to Medium Stiff - Moist to Very Moist *(continued)*				
35			SS 10	100	0-3-3 (6)	0.63
40			SS 11	67	3-4-4 (8)	0.83
45		CLAYEY SILT, trace sand, gravel (ML/CL) - Gray to Dark Gray - Very Stiff to Hard - Moist	SS 12	67	17-19-29 (48)	6.46
50			SS 13	100	21-23-25 (48)	2.50
55			SS 14	78	23-24-21 (45)	2.29
60			SS 15	100	16-18-24 (42)	3.12

Bottom of borehole at 60.0 feet.

▲ SPT N VALUE
20 40 60 80
● Moisture Content
10 20 30 40
□ Unconfined Compression (tsf)
2 4 6 8

GEOTECH BH PLOTS - GINT STD US.GDT - 1/27/26 12:55 - Z:\PROJECTS\HOLABIRD & ROOT\UIC DRUG DISCOVERY CENTER\GEOTECHNICAL\FIELD TESTING\UIC BUILDING.GPJ

GSG CONSULTANTS, INC.
735 Remington Road, Schaumburg, IL 60173
Tel: 630.994.2600, www.gsg-consultants.com

BORING NUMBER B-10

CLIENT Holabrid & Root
PROJECT NAME UIC Drug Discovery Center
PROJECT NUMBER 25-2103
PROJECT LOCATION W. Polk St. and S. Paulina St., Chicago, Illinois
DATE STARTED 1/15/26 **COMPLETED** 1/15/26
GROUND ELEVATION 13.30 ft CCD **HOLE SIZE** 3 1/4
DRILLING CONTRACTOR GSG Drilling
GROUND WATER LEVELS:
DRILLING METHOD HSA
AT TIME OF DRILLING --- N/A
LOGGED BY CC **CHECKED BY** AA
AT END OF DRILLING --- N/A
NOTES
AFTER DRILLING --- N/A

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY (%)	BLOW COUNTS (N VALUE)	UNCONFINED COMPRESSION (tsf)
0		4 inches of Asphalt				
		FILL: SILTY SAND, with gravel, bricks - Dark Brown - Wet	SS 1	44	3-2-2 (4)	
		FILL: SILT, trace clay - Dark Gray - Very Moist	SS 2	67	2-1-0 (1)	0.5
5		SILTY CLAY, trace gravel (CL/ML) - Brown and Gray - Medium Stiff to Very Stiff - Moist to Very Moist	SS 3	78	0-1-1 (2)	0.62
			SS 4	100	1-2-4 (6)	3.75
10		SILTY CLAY, trace gravel (CL/ML) - Gray - Stiff - Moist	SS 5	100	0-1-2 (3)	1.04
		SILTY CLAY (CL/ML) - Gray - Very Soft to Soft - Very Moist	SS 6	100	0-0-1 (1)	0.42
15						
			SS 7	100	0-0-0 (0)	0.0
20						
			SS 8	100	0-0-0 (0)	0.21
25						
			SS 9	67	0-0-0 (0)	0.21
30						

▲ SPT N VALUE
20 40 60 80
● Moisture Content
10 20 30 40
□ Unconfined Compression (tsf)
2 4 6 8

(Continued Next Page)

GEOTECH BH PLOTS - GINT STD US.GDT - 2/2/26 15:48 - Z:\PROJECTS\HOLABIRD & ROOT\UIC DRUG DISCOVERY CENTER\GEOTECHNICAL\FIELD TESTING\UIC BUILDING.GPJ

GSG CONSULTANTS, INC.
735 Remington Road, Schaumburg, IL 60173
Tel: 630.994.2600, www.gsg-consultants.com

BORING NUMBER B-10

CLIENT Holabrid & Root **PROJECT NAME** UIC Drug Discovery Center

PROJECT NUMBER 25-2103 **PROJECT LOCATION** W. Polk St. and S. Paulina St., Chicago, Illinois

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY (%)	BLOW COUNTS (N VALUE)	UNCONFINED COMPRESSION (tsf)
30		SILTY CLAY (CL/ML) - Gray - Very Soft to Soft - Very Moist *(continued)*				
35			SS 10	56	0-0-1 (1)	0.21
40			SS 11	33	1-2-2 (4)	0.42
45		SILTY CLAY (CL/ML) - Gray - Hard - Moist	SS 12	78	8-11-15 (26)	4.17
50		CLAYEY SILT (ML/CL) - Gray - Medium Stiff to Hard - Moist	SS 13	50	9-17-24 (41)	1.04
55			SS 14	78	16-23-27 (50)	0.62
60			SS 15	100	21-23-20 (43)	4.0

Bottom of borehole at 60.0 feet.

▲ SPT N VALUE
20 40 60 80
● Moisture Content
10 20 30 40
□ Unconfined Compression (tsf)
2 4 6 8

GEOTECH BH PLOTS - GINT STD US.GDT - 2/2/26 15:48 - Z:\PROJECTS\HOLABIRD & ROOT\UIC DRUG DISCOVERY CENTER\GEOTECHNICAL\FIELD TESTING\UIC BUILDING.GPJ

GSG CONSULTANTS, INC.
735 Remington Road, Schaumburg, IL 60173
Tel: 630.994.2600, www.gsg-consultants.com

Unified Soil Classification

Soil Classification is based on the Unified Soil Classification System and ASTM Designations D-2487 and D-2488. Coarse Grained Soils have more than 50% of their dry weight retained on a #200 sieve; they are described as: clays, if they are plastic, and silts if they are slightly Plastic or non-plastic. Major constituents may be added as modifiers and minor constituents may be added according to the basis of their relative in-place density and fine grained soils on the basis of their consistency. Example: Lean clay with sand, trace gravel, stiff (CL); silty sand, trace gravel, medium dense (SM).

Drilling & Sampling Symbols

SS : Split Spoon
ST : Thin-Walled Tube
HA: Hand Auger
AU: Auger Sample
HS: Hand Sample

Water Level (ft)
▽ While Drilling
▽ After Drilling
▼ 24-hour

Standard "N" Penetration: Blows per foot of a 140 pound hammer falling 30 inches on a 2 inch OD split spoon, except where noted.

Major Divisions			Group Symbols	Typical Names
Coarse Grained Soils (More than Half of material is larger than No. 200 sieve size)	**Gravels** (More than hall of coarse fraction is larger than No. 4 sieve size)	**Clean Gravels** (Little or no fines)	GW	Well graded gravels, gravel-sand mixtures, little or no fines
			GP	Poorly graded gravels, gravel-sand mixtures, little or no fines
		Gravels with fines (Appreciable amount of fines)	GM d / u	Silty gravels, gravel-sand-clay mixtures
			GC	Clayey gravels, gravel-sand-clay mixtures
	Sands (More than hall of coarse fraction is smaller than No. 4 sieve size)	**Clean Sands** (Little or no fines)	SW	Well graded sands, gravelly sands, little or no fines
			SP	Poorly graded sands, gravelly sands, little or no fines
		Sands with fines (Appreciable amount of fines)	SM d / u	Silty sands, sand-silt mixtures
			SC	Clayey sands, sand-clay mixtures
Fine Grained Soils More than half of material is smaller than No. 200 sieve size)	**Silts and Clays** (liquid limit less than 50)		ML	Inorganic silts and very fine sands, rock flour, silty or claye fine sands or clayey silts with slight plasticity
			CL	Inorganic clay of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays
			OL	Organic silts and organic silty clays of low plasticity
	Silts and Clays (liquid limit greater than 50)		MH	Inorganic silts, micaceous or diatomaceous fine sandy or silty soils, elastic silts
			CH	Inorganic clays of high plasticity, fat clays
			OH	Organic clays of medium to high plasticity, organic silts
	Highly Organic Soils		Pt	Peat and other highly organic soils

Consistency of Cohesive Soil

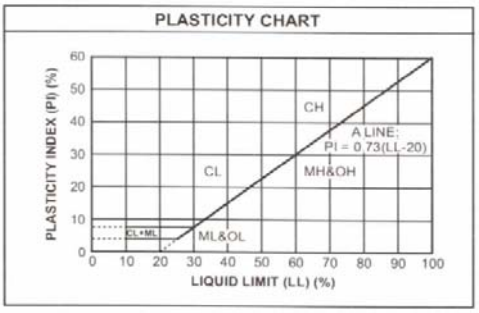
Unconfined Compressive strength, Qu, tsf			N-Blows/ft.		Consistency
<		0.25	Below 2	<	Very Soft
0.25	-	0.50	2-4	-	Soft
0.50	-	1.0	4-8	-	Medium Stiff
1.0	-	2.0	8-15	-	Stiff
2.0	-	4.0	15-30	-	Very Stiff
4.0	-	8.0	30-50	-	Hard
>	-	8.0	> 50	-	Very Hard

Relative Density of Coarse-Grained Soils

N-Blows/ft.	Relative Density
0-3	Very Loose
4-10	Loose
11-29	Medium Dense
30-49	Dense
50-80	Very Dense
>80	Extremely Dense

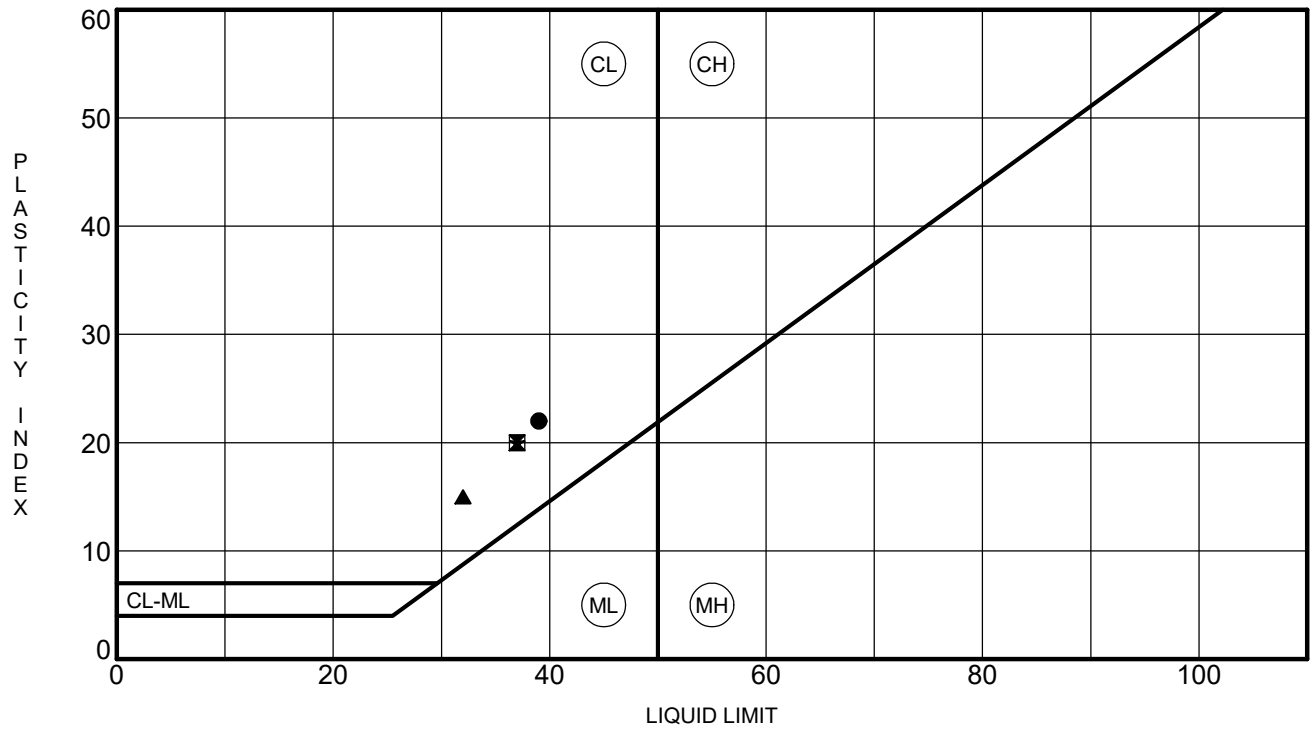
Description Term(s) of Components Present in Sample

Trace < 10% Little 10-19%
Some 20-34% And 35-50%



APPENDIX C

LABORATORY TEST RESULTS



	Specimen Identification		LL	PL	PI	Fines	Classification
●	**B-3**	**23.50**	**39.0**	**17.0**	**22.0**		
⊠	**B-6**	**33.50**	**37.0**	**17.0**	**20.0**		
▲	**B-8**	**23.50**	**32.0**	**17.0**	**15.0**		
★	**B-10**	**33.50**	**37.0**	**17.0**	**20.0**		

GSG CONSULTANTS, INC.
735 Remington Road, Schaumburg, IL 60173
Tel: 630.994.2600, www.gsg-consultants.com

ATTERBERG LIMITS' RESULTS

Route:

Section:

County:

ATTERBERG_LIMITS_UIC BUILDING.GPJ IL_DOT.GDT 1/27/26

APPENDIX D

SQUEEZE POTENTIAL ANALYSIS

Squeeze Potential Analysis

UIC Building B-1

σv : Total Overburden Stress
Su: Undrained Shear Strength
D: Shaft Diameter

Caisson Squeeze Potential Criteria

Depth / D	σv / Su
4	5
8	6
12	6.5
16	7
20	7.5
24	8
28	8
32	8

Shaft Diameter:	3	ft
Site Elev:	13	CCD
Average Unit Weight:	125	pcf

Depth (ft)	Elevation (CCD)	Total Overburden (psf)	Su (psf)	Depth to Shaft (D) Ratio	Limiting Value Required to Avoid Squeeze (see table above)	Total Overburden/Su	Will Squeeze Occur (Yes / No)
23	-10	2875	420	7.7	5.9	6.8	Yes
25	-12	3125	420	8.3	6.0	7.4	Yes
30	-17	3750	620	10.0	6.3	6.0	No
35	-22	4375	500	11.7	6.5	8.8	Yes
40	-27	5000	830	13.3	6.7	6.0	No
45	-32	5625	7290	15.0	6.9	0.8	No
50	-37	6250	7910	16.7	7.1	0.8	No

Squeeze Potential Analysis

UIC Building B-2

σv : Total Overburden Stress
Su: Undrained Shear Strength
D: Shaft Diameter

Caisson Squeeze Potential Criteria	
Depth / D	σv / Su
4	5
8	6
12	6.5
16	7
20	7.5
24	8
28	8
32	8

Shaft Diameter:	3	ft
Site Elev:	12.1	CCD
Average Unit Weight:	125	pcf

Depth (ft)	Elevation (CCD)	Total Overburden (psf)	Su (psf)	Depth to Shaft (D) Ratio	Limiting Value Required to Avoid Squeeze (see table above)	Total Overburden/Su	Will Squeeze Occur (Yes / No)
23	-10.9	2875	210	7.7	5.9	13.7	Yes
25	-12.9	3125	210	8.3	6.0	14.9	Yes
30	-17.9	3750	420	10.0	6.3	8.9	Yes
35	-22.9	4375	620	11.7	6.5	7.1	Yes
40	-27.9	5000	620	13.3	6.7	8.1	Yes
45	-32.9	5625	7500	15.0	6.9	0.8	No
50	-37.9	6250	9790	16.7	7.1	0.6	No

Squeeze Potential Analysis

UIC Building B-3

σv : Total Overburden Stress
Su: Undrained Shear Strength
D: Shaft Diameter

Caisson Squeeze Potential Criteria	
Depth / D	σv / Su
4	5
8	6
12	6.5
16	7
20	7.5
24	8
28	8
32	8

Shaft Diameter:	3	ft
Site Elev:	11.5	CCD
Average Unit Weight:	125	pcf

Depth (ft)	Elevation (CCD)	Total Overburden (psf)	Su (psf)	Depth to Shaft (D) Ratio	Limiting Value Required to Avoid Squeeze (see table above)	Total Overburden/Su	Will Squeeze Occur (Yes / No)
23	-11.5	2875	210	7.7	5.9	13.7	Yes
25	-13.5	3125	210	8.3	6.0	14.9	Yes
30	-18.5	3750	210	10.0	6.3	17.9	Yes
35	-23.5	4375	420	11.7	6.5	10.4	Yes
40	-28.5	5000	1670	13.3	6.7	3.0	No
45	-33.5	5625	8950	15.0	6.9	0.6	No
50	-38.5	6250	2500	16.7	7.1	2.5	No

Squeeze Potential Analysis

UIC Building B-4

σv : Total Overburden Stress
Su: Undrained Shear Strength
D: Shaft Diameter

Caisson Squeeze Potential Criteria	
Depth / D	σv / Su
4	5
8	6
12	6.5
16	7
20	7.5
24	8
28	8
32	8

Shaft Diameter:	3	ft
Site Elev:	12.9	CCD
Average Unit Weight:	125	pcf

Depth (ft)	Elevation (CCD)	Total Overburden (psf)	Su (psf)	Depth to Shaft (D) Ratio	Limiting Value Required to Avoid Squeeze (see table above)	Total Overburden/Su	Will Squeeze Occur (Yes / No)
23	-10.1	2875	210	7.7	5.9	13.7	Yes
25	-12.1	3125	210	8.3	6.0	14.9	Yes
30	-17.1	3750	420	10.0	6.3	8.9	Yes
35	-22.1	4375	620	11.7	6.5	7.1	Yes
40	-27.1	5000	1870	13.3	6.7	2.7	No
45	-32.1	5625	7710	15.0	6.9	0.7	No
50	-37.1	6250	5210	16.7	7.1	1.2	No

Squeeze Potential Analysis

UIC Building B-5

σv : Total Overburden Stress
Su: Undrained Shear Strength
D: Shaft Diameter

Caisson Squeeze Potential Criteria	
Depth / D	σv / Su
4	5
8	6
12	6.5
16	7
20	7.5
24	8
28	8
32	8

Shaft Diameter:	3	ft
Site Elev:	13.1	CCD
Average Unit Weight:	125	pcf

Depth (ft)	Elevation (CCD)	Total Overburden (psf)	Su (psf)	Depth to Shaft (D) Ratio	Limiting Value Required to Avoid Squeeze (see table above)	Total Overburden/Su	Will Squeeze Occur (Yes / No)
23	-9.9	2875	210	7.7	5.9	13.7	Yes
25	-11.9	3125	210	8.3	6.0	14.9	Yes
30	-16.9	3750	210	10.0	6.3	17.9	Yes
35	-21.9	4375	210	11.7	6.5	20.8	Yes
40	-26.9	5000	3750	13.3	6.7	1.3	No

Squeeze Potential Analysis

UIC Building B-6

σv : Total Overburden Stress
Su: Undrained Shear Strength
D: Shaft Diameter

Caisson Squeeze Potential Criteria	
Depth / D	σv / Su
4	5
8	6
12	6.5
16	7
20	7.5
24	8
28	8
32	8

Shaft Diameter:	3	ft
Site Elev:	12.8	CCD
Average Unit Weight:	125	pcf

Depth (ft)	Elevation (CCD)	Total Overburden (psf)	Su (psf)	Depth to Shaft (D) Ratio	Limiting Value Required to Avoid Squeeze (see table above)	Total Overburden/Su	Will Squeeze Occur (Yes / No)
23	-10.2	2875	100	7.7	5.9	28.8	Yes
25	-12.2	3125	100	8.3	6.0	31.3	Yes
30	-17.2	3750	420	10.0	6.3	8.9	Yes
35	-22.2	4375	420	11.7	6.5	10.4	Yes
40	-27.2	5000	420	13.3	6.7	11.9	Yes
45	-32.2	5625	5830	15.0	6.9	1.0	No
50	-37.2	6250	2080	16.7	7.1	3.0	No

13.4 GROUND PENETRATING RADAR

GSG CONSULTANTS, INC.

735 Remington Road
Schaumburg, IL 60173
Tel: 630.994.2600
www.gsg-consultants.com

January 5, 2026 Project number: 25-2103

Mr. Dennis Vovos
Holabird & Root
140 S. Dearborn St, Ste 800
Chicago, IL 60603

Non-Destructive Geophysical Survey (Ground Penetrating Radar Survey)
UIC Drug Discovery Center
W. Polk and S. Paulina
Chicago, IL

Mr. Vovos:

This letter report presents the results of the Non-Destructive Geophysical Survey which included Ground Penetrating Radar (GPR) within the proposed improvements for UIC parking lot, west of the elevated rail line, Chicago, Illinois (Site). The survey area, as provided by Holabird & Root, is shown in the attached **Exhibit 1 – Project Area Map**.

This survey was intended to provide a non-intrusive investigation for potential buried objects that may represent underground storage tanks, buried drums, utilities, building foundations, or other similar objects within the survey area. Investigation results are included in the **SURVEY FINDINGS** section.

FIELD INVESTIGATION – GEOPHYSICAL SURVEY

The geophysical survey was conducted by Mr. Nick Widhalm on November 14, 2025. The site covers approximately 1.7 square acres (175 feet by 425 feet).

GSG utilized a GSSI SIR® 4000 GPR system with a 400 MHz ground coupled antenna to scan the site. Ground scanning was performed in 5 to 10 foot grid pattern across the site. GSG's field representative reviewed "real time" data from the GPR processing unit. The survey area was obstructed by retaining walls, planter boxes, and concrete with wire mesh reinforcement on multiple parts of the property. It should be noted that the locations and depths in this report are approximate based on average measurements taken from the GPR data. GSG also utilized a vLoc3-Pro utility locating system. GSG's field representative attached the transmitter to know utilities above ground and used the handheld receiver to trace out where the utility goes underground.

GROUND PENETRATING RADAR METHODOLOGY

The GPR's antenna is located in a protective housing within the center of the unit's pushcart, thus GPR surveys are limited around areas with raised or gapped surfaces. In addition, the survey cannot be performed in areas with obstructing features such as fences, tall vegetation, snow piles, parked cars, or other impeding structures.

GPR works by sending a pulse of radar energy into the subsurface material and recording the strength and the time required for the return of reflected signal. The two main anomaly patterns produced by the radar are interfaces (bands) and point objects. Interfaces (bands) are continuous returns, which typically represents a layer or strata within the subsurface. Point objects are displayed as a hyperbolic pattern in profile scans. Point objects can represent any type of anomaly in the subsurface from an air-filled void to a buried object. The continuous profile displayed by the radar unit produces many types of images, which could be attributed to reinforcement, steel pipes, PVC conduits, underground storage tanks (USTs), voids, foundations, etc.

The GPR is capable of detecting metal and some non-metallic objects as well as determining depth to the objects based on differences in dielectric properties of scanned materials. The depth of detection/penetration is dependent on the subsurface conditions of the scanned material. Reflections are produced whenever the energy pulse enters a material with different dielectric properties from the material it left. The strength of the reflection is determined by the contrast in the dielectric properties of the two materials. When the signal is reflected from a material with a different dielectric constant, the signal is displayed on the screen as an anomaly pattern. Depth can also be determined by processing the sampling interval and determining the size and comparing relative data of other objects detected. While some of the GPR energy pulse is reflected to the antenna, energy also keeps traveling through the material until it either dissipates or the GPR control unit has closed its time. The rate of signal dissipation varies widely and is dependent on the dielectric properties of the material through which the pulse is passing. Characteristics of the underlying subsurface affect the penetration of the radar pulse through the scanned surface. Concrete, sands, and gravels offer the best results with the greatest depth penetration and clearest resolution. Whereas dense saturated clays offer limited penetration of the radar signal resulting in limited data to process from the returning signal. Materials with a high dielectric are very conductive and thus dissipate the signal rapidly. Water saturation dramatically raises the dielectric of a material, so a survey area should be carefully inspected for signs of water penetration. Radar surveys should never be conducted through standing water. Depth penetration through a material with a high dielectric is limited and will likely result in poor quality data. Metals are considered a complete reflector and do not allow any amount of signal to pass through. **Materials beneath a metal sheet, metal mesh, newly placed concrete, heavily reinforced concrete, pan decking, or other materials with high dielectric properties will not be visible due to the deterioration of radar signals.**

The survey area was obstructed by retaining walls, planter boxes, reinforced concrete, and playground equipment as shown in **Attachment B – Photo Log** and **Exhibit 1 – Project Area Map**.

SURVEY FINDINGS

The geophysical survey found one (1) area anomaly in the northwest portion of the site. Based on the nature of the anomaly, we believe it is an unknown object underneath a reinforced concrete pad at a depth of one foot. GPS coordinates were collected at the corners of the area that were identified on the site as shown in **Table 1** and have been updated on **Exhibit 2**.

Table 1 – Anomaly corner Locations

Anomaly corner	Northing	Easting	Comments/Photo Reference
Northwest Corner	1896238.053	1164894.117	Photo 1
Southwest Corner	1896216.972	1164895.271	
Southeast Corner	1896217.388	1164912.803	
Northeast corner	1896239.503	1164912.872	

The directions of representative GPR scans are shown in **Exhibit 2 – Geophysical Survey Map. Attachment A – Geophysical Survey Data** shows representative GPR cross sections of the site; photos of the site are included in **Attachment B – Photo Log**.

It is GSG's opinion that, based on the nature of the reflected signal patterns, most of the survey area is interpreted to consist of intermittent urban fill and debris materials extending from the ground surface to about three (3) feet below ground surface.

Should you have any questions regarding this report, please contact us at (630) 994-2600.
Sincerely,
GSG Consultants, Inc.

Nick Widhalm
Staff Scientist

Dawn Edgell, P.E.
Geotechnical Department Manager

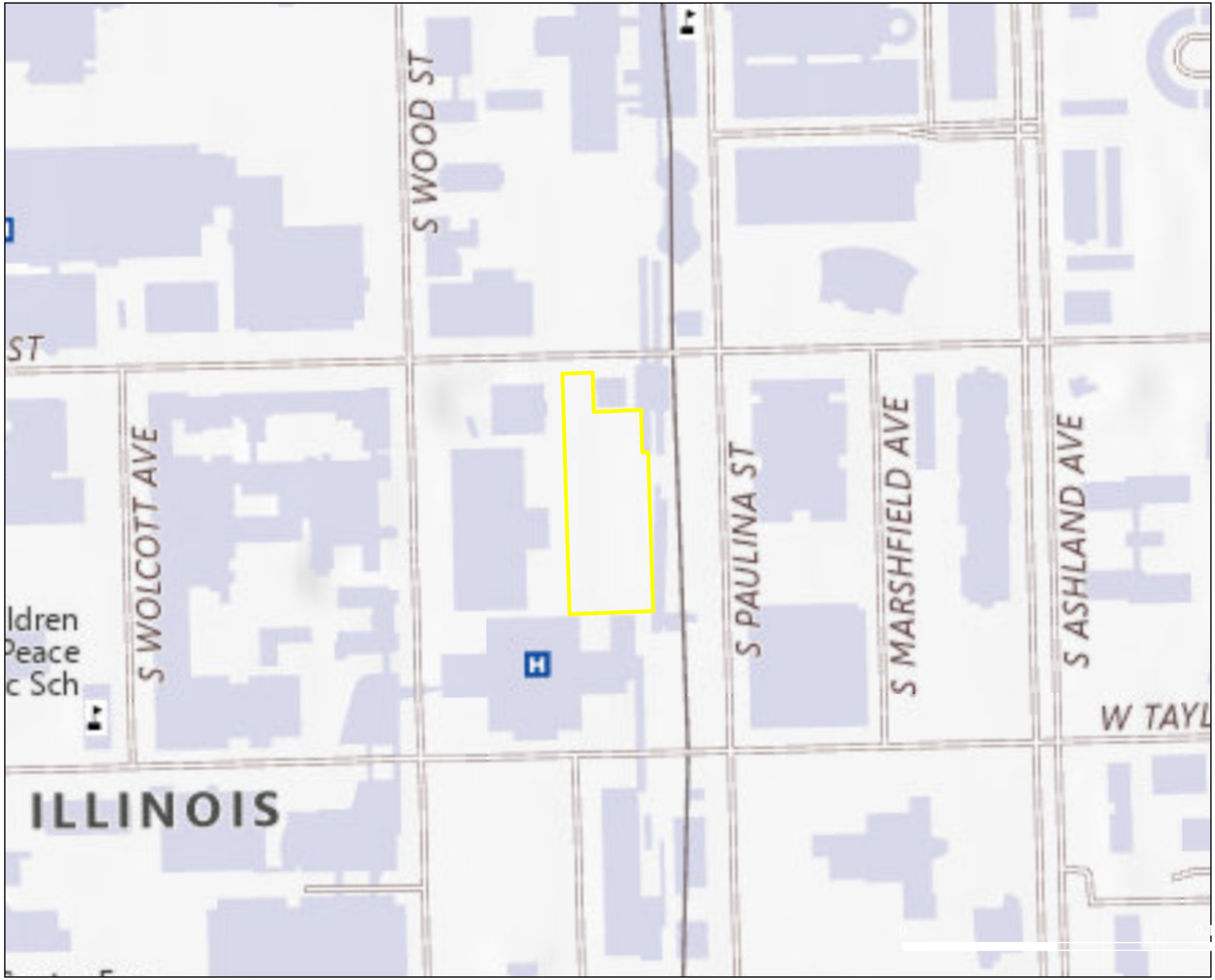
EXHIBITS
Exhibit 1 – Project Area Map
Exhibit 2 – Geophysical Survey Map

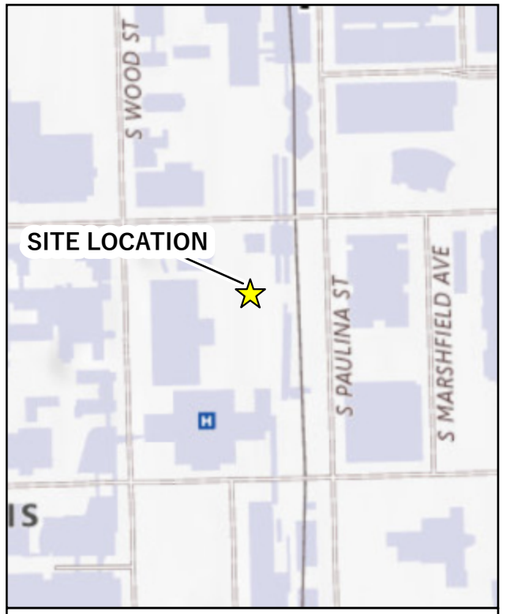
ATTACHMENTS
Attachment A – Geophysical Survey Data
Attachment B – Photo Log

EXHIBITS

Exhibit 1 – Project Area Map

Exhibit 2 – Geophysical Survey Map





LEGEND

SUBJECT PROPERTY

N
W E
S

0 100 200 300 400
US Feet

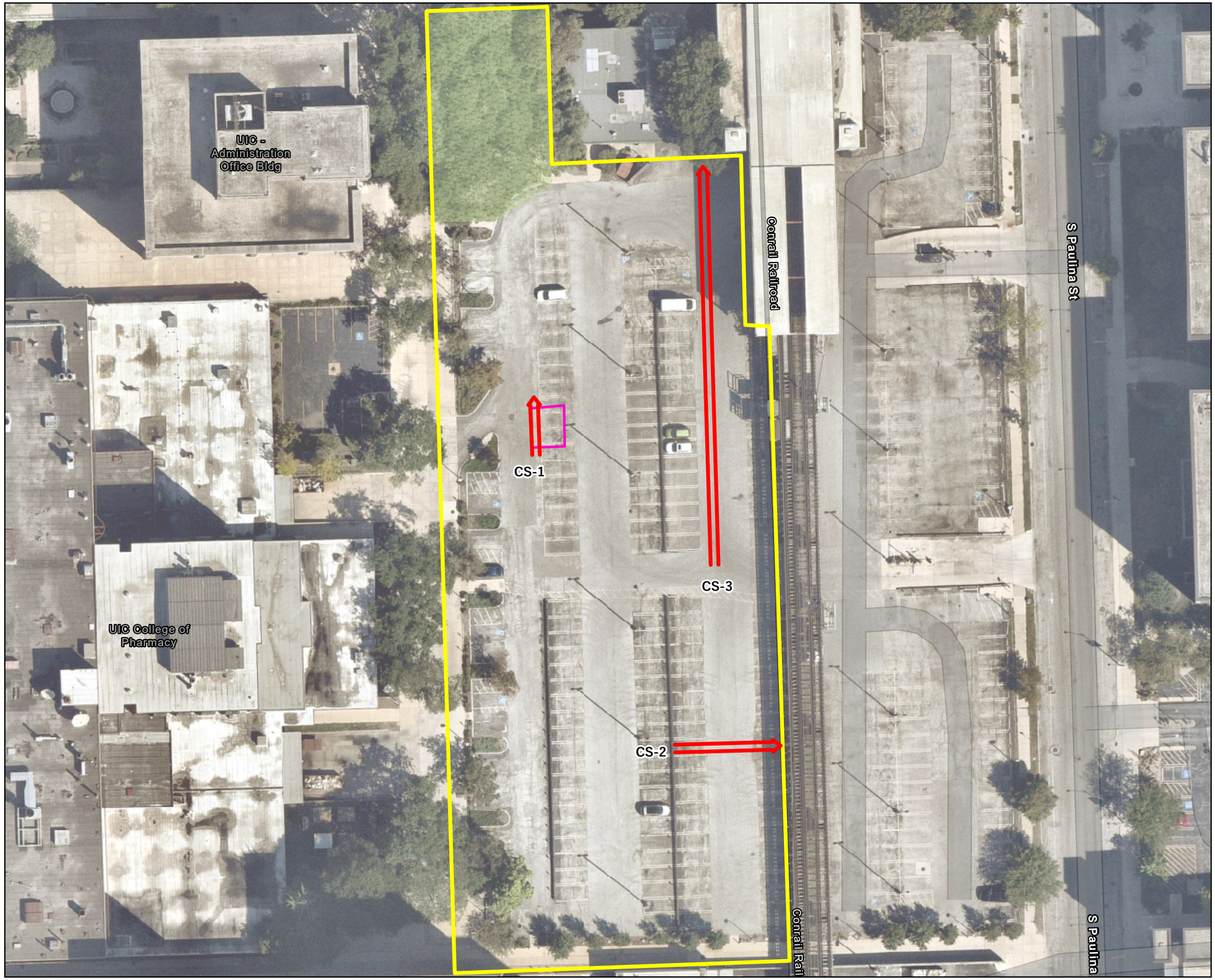
1" = 200'

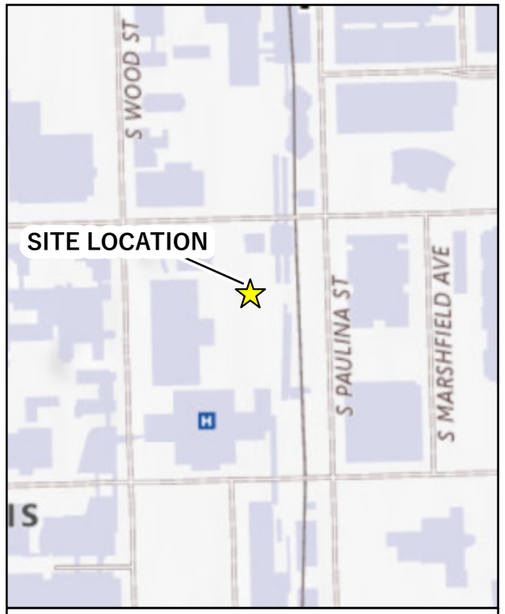
EXHIBIT 1
SITE LOCATION MAP

UIC DRUG DISCOVERY CENTER
CHICAGO, COOK, IL

GSG

G:\Holabird & Root\UIC Drug Discovery Center\Geotech\UIC_Drug_Discovery_Center\UIC_Drug_Discovery_Center.aprx, 12/23/2025 9:59 AM, znabeel





LEGEND

- SUBJECT PROPERTY
- PLANTERS AND OBSTRUCATION
- ANOMALIES
- GPR LINE SCANS

N
W E
S

0 25 50 75 100 US Feet

1" = 50'

EXHIBIT 2
GEOPHYSICAL MAP

UIC DRUG DISCOVERY CENTER
CHICAGO, COOK, IL

GSG

G:\Holabird & Root\UIC Drug Discovery Center\Geotech\UIC_Drug_Discovery_Center\UIC_Drug_Discovery_Center.aprx, 12/23/2025 9:59 AM, znabeel

ATTACHMENTS

Attachment A – Geophysical Survey Data

Attachment B – Photo Log

ATTACHMENT A – GEOPHYSICAL SURVEY DATA

Representative GPR cross sections

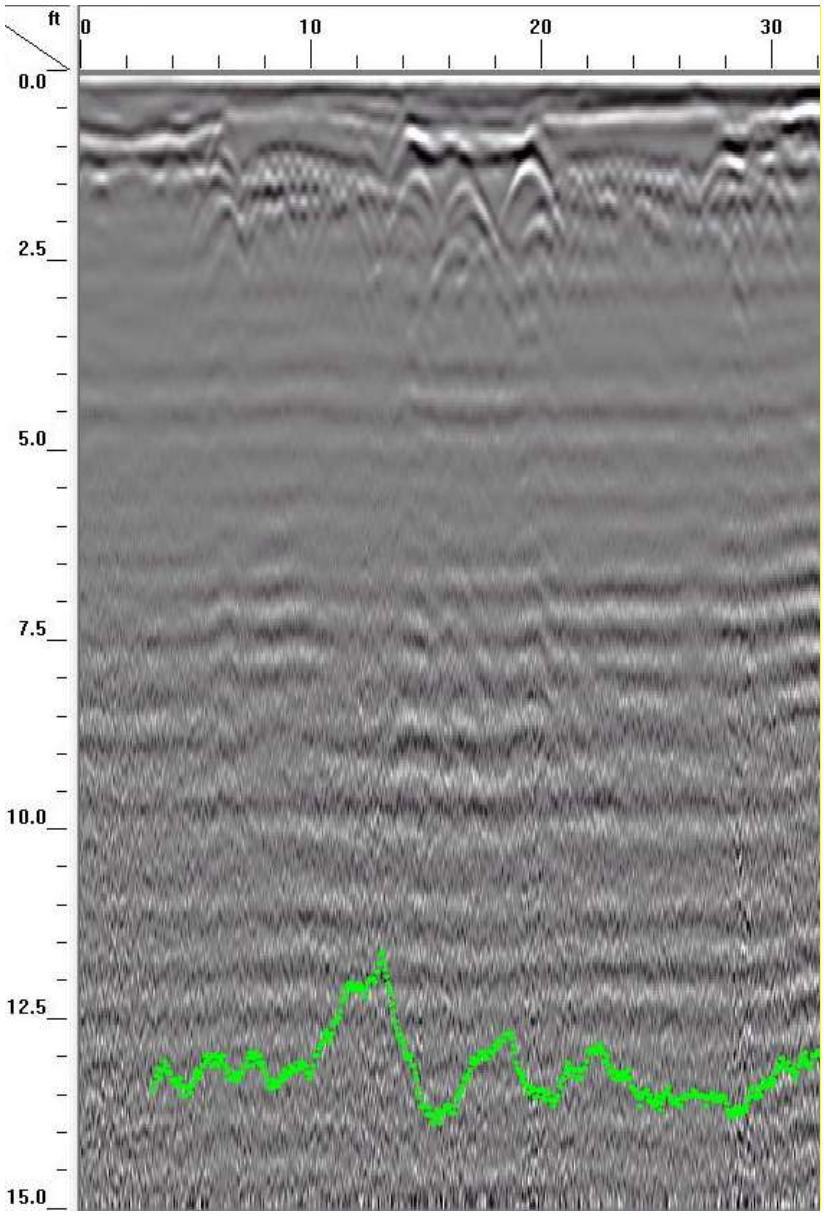


Figure 1 – Example GPR Cross Section 1 (CS-1).

A representative cross section taken south to north over pavement in the survey area (as seen in Photo 1). The GPR scan revealed anomalies that were interpreted to represent from left to right, reinforced concrete, buried anomalies, and more reinforced concrete. The green line at the bottom of the scan represents the signal floor.

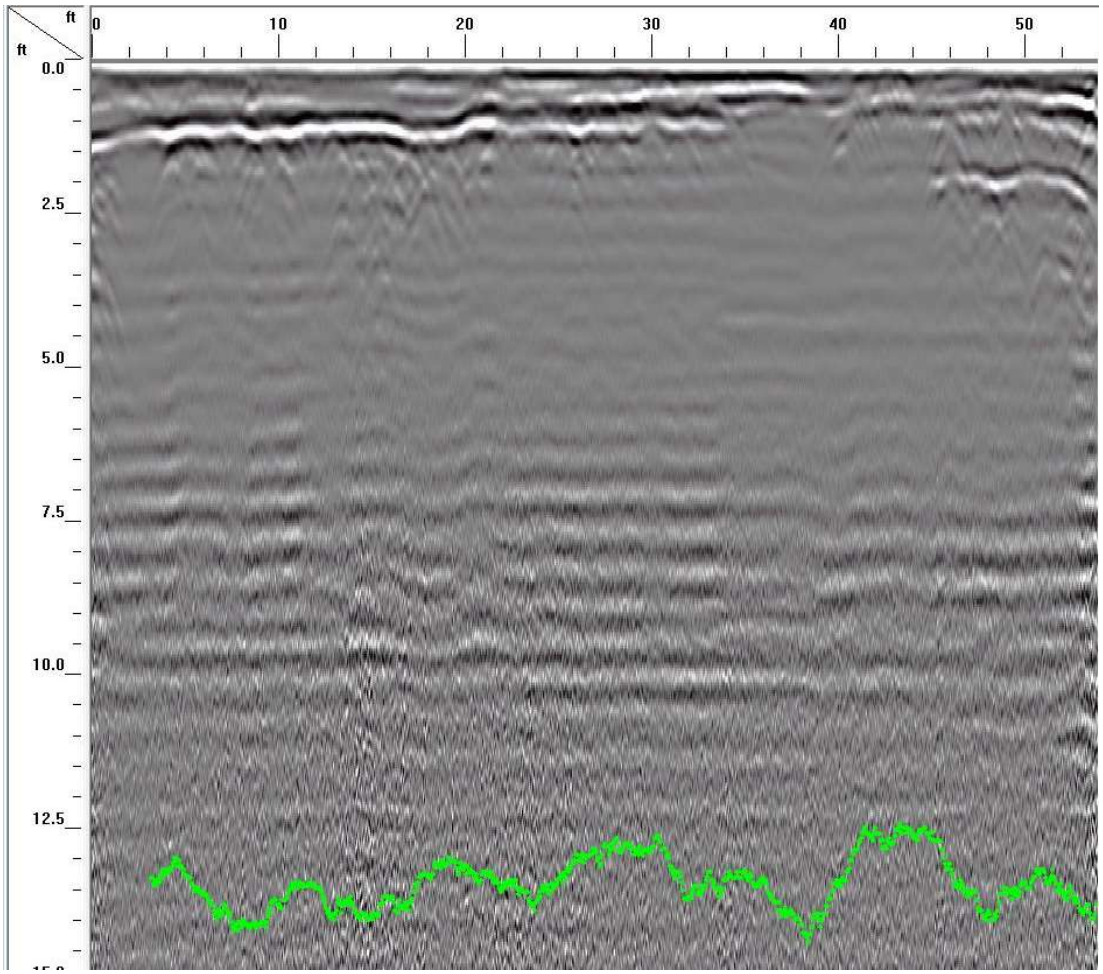


Figure 2 – Example GPR Cross Section 2 (CS-2).

A representative cross section taken west to east over pavement within the survey area just west of the rail line. This scan shows the typical fill and debris to a depth of (3) three feet. The green line at the bottom of the scan represents the signal floor.

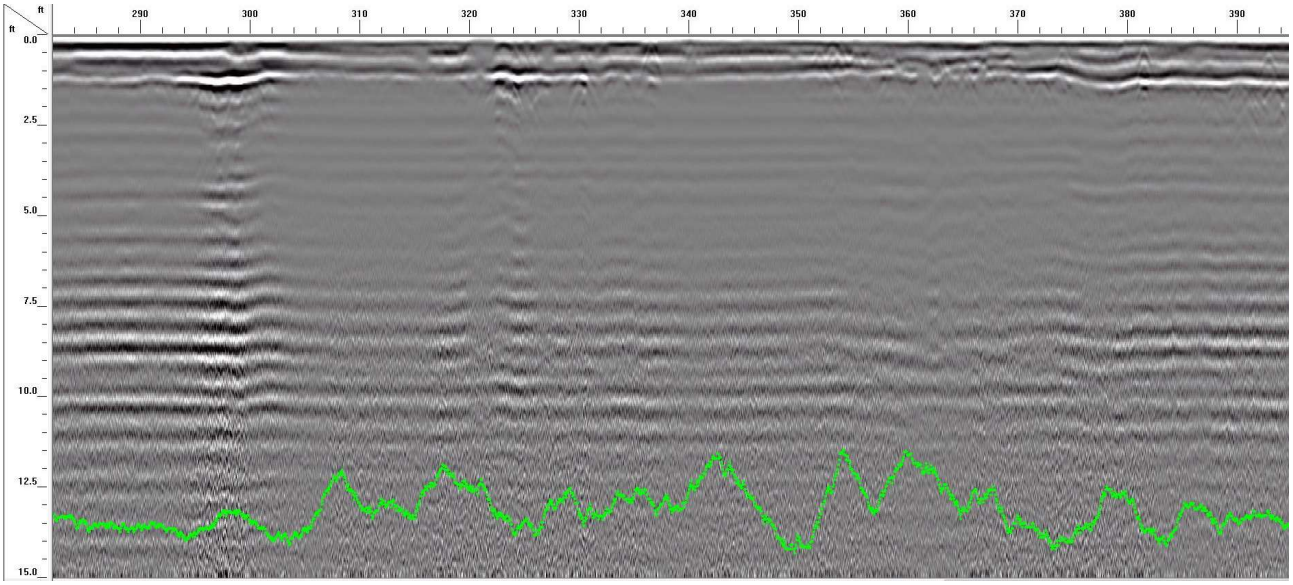


Figure 3 – Example GPR Cross Section 3 (CS-3).

A representative cross section taken south to north over the parking area in the northeast portion of the survey area. The GPR scan shows the typical fill and debris to a depth of (3) three feet. The green line at the bottom of the scan represents the signal floor.

ATTACHMENT B – PHOTO LOG



Date: 11/14/2025
Taken By: NW
Photo 1 – View of the anomaly area in the northwest portion of the geophysical survey area showing the area marked out. Photo taken facing northeast.



Date: 11/14/2025
Taken By: NW
Photo 2 – Overall view of the of the geophysical survey area. Photo taken facing north.



Date: 11/14/2025
Taken By: NW
Photo 3 – Overall view of the parking lot in the geophysical survey area. Photo taken facing north.

13.5a SITE ENVIRONMENTAL REPORT

GSG CONSULTANTS, INC.

735 Remington Road
Schaumburg, IL 60173
Tel: 630.994.2600
www.gsg-consultants.com

February 10, 2026

Mr. Dennis Vovos
Holabird & Root
140 S. Dearborn Street, Ste 500
Chicago, IL 60603

Clean Construction Demolition Debris Investigation
UIC Parking Lot E1 (UIC Drug Discovery Building)
820 S. Paulina Street,
Chicago, IL 60612

Dear Mr. Vovos:

This letter report presents the results of GSG Consultants, Inc. (GSG) CCDD Assessment for the above referenced project for the University of Illinois Chicago (UIC). The purpose of the assessment is to determine soil handling and management during construction activities on site associated with the proposed construction activities for the UIC Drug Discovery Building.

The Project Area consists of the west side of UIC parking lot E1, an asphalt parking lot. The purpose of the project is the construction of the proposed UIC Drug Discovery Building within the west side of UIC Parking Lot E1.

Based on information provided, the proposed improvements will consist of a portion of the existing parking lot being demolished and replaced with a new 400 feet by 100 feet five-story building with one-story basement constructed beginning at 18 feet below grade.

On January 14, 15, and 16, 2026, GSG advanced ten (10) soil borings at the site. The locations of the soil borings were selected based on the suspected location soil disturbance during construction/demolition activities at the site. **Exhibit 1**, Soil Boring Location Map, shows the soil boring locations and location of the Project Area.

1. HISTORICAL REVIEW

GSG conducted a review of available historical records, including a survey of environmental databases, and aerial photographs, and Sanborn Maps.

Aerial photographs were available for the site for the years 1938, 1952, 1962, 1972, 1978, 1980, 1988, 1994, 1999, 2005, 2009, 2012, 2015, 2019, and 2023. From some time before 1938 until sometime before 1962, the Site is depicted as developed with a public road running north-south on the west side of the site with the remainder of the Site developed with what appears to be residential dwellings. By 1962 the

residential dwellings on the Site are depicted as mostly demolished. By 1972 the Site had been razed and redeveloped into its current day configuration as a parking lot.

Sanborn Maps were available for the site for the years 1917, 1950, 1975, 1988, 1991, 1992, and 2004. The 1938 Sanborn Map depicts the Site occupied by S. Hermitage Avenue in the west, stores in the north of the Site along W. Polk Street and primarily residential dwellings in the remainder of the Site with one exception. "United Dairy Co." and "Milk Plant" are depicted in the middle of the Site. No USTs are depicted. By the 1975 Sanborn Map, most of the Site is depicted razed beside for a single store in the north of the Site along W. Polk Street. The west-adjacent structure is also depicted for the first time. The 1988 Sanborn Map depicts the final store razed and redeveloped as a larger singular building. The final Sanborn Map in 2004 labels the Site as utilized for parking.

GSG obtained environmental database information from Environmental Data Resources, Inc. (EDR), a commercial provider of that service. The following is a list of database listings for the entire Site consisting of the west side of the UIC E1 parking lot: Underground Storage Tank (UST), SPILLS, FINDS, Asbestos, Inspect, Permits, and E Manifest. The information listed below is assumed to be associated with the on-site parking lot and adjoining property to the west where noted.

On-Site:
The site is listed as "UIC/LAUNDRY BUILDING" at 931 S. Hermitage Avenue. We are unable to locate any references of a "UIC Laundry Building," however the address is associated with the center of the Site. As such, the property at 931 S. Hermitage Avenue is listed in the UST, TANKS, CHICAGO INSPECT and PERMITS databases. The TANKS and UST database list one (1) 550-gallon diesel fuel UST removed from the site on 5/18/2001. No release or spill was reported. The tank had a last used date listed as 12/31/1969. Facility ID 2040216 and Owner ID U0022907 are listed.

West-Adjoining:
The west-adjoining site at 833 S. Wood Street is listed in the SPILLS, FINDS, Asbestos, Inspect, and E Manifest databases. According to the information reviewed:

- The site is listed in the SPILLS database twice for a singular incident that occurred on 10/29/1990 where an unknown amount of nitric acid and other unknown chemicals was released at the site. A possible evacuation was listed in addition to the Chicago Fire Department Hazmat Team taking care of the cleanup activities. Incident number 903189 and incident ID 19903189 are provided. The incident was not listed as a LUST incident.

- The E MANIFEST database lists the site as "UIC COLLEGE OF PHARMACY" under Generator EPA ID ILD984906198, Facility EPA ID IND000646943, and Transporter EPA ID INR000123497 for the removal of waste from the site. The last updated date is 9/9/2019.

- The ASBESTOS and INSPECT database list the site as "COLLEGE OF PHARMACY UIC BLDG 924" and "COLLEGE OF PHARMACY 4TH FLOOR" for the removal of Asbestos Containing Materials and associated inspections. Dates listed are through 2023. Site ID is 031600IJQ.

- The site is listed in the FINDA database under "COLLEGE OF PHARMACY 4TH FLOOR" with Registry ID 110037152354.

Aerial photographs, Sanborn Maps, and the complete EDR database search report can be found in **Appendix A**.

2. FIELD INVESTIGATION

GSG advanced a total of ten (10) soil borings to a maximum depth of 15 feet below surface grade (bsg) and collected a total of sixteen (16) samples during the CCDD investigation, in accordance with the sampling plan approved by the project Design Corridor Manager (DCM). The soil borings were drilled using a Diedrich D-50 drill rig, equipped with 3¼-inch I.D. hollow stem augers and an automatic hammer, in addition to a track-mounted Geoprobe equipped with 2¼-inch I.D. hollow stem augers and an automatic hammer. Soil sampling was performed according to AASHTO T 206, "Penetration Test and Split Barrel Sampling of Soils." Soil samples were obtained at 2.5-foot intervals to the boring termination depths using a split spoon soil sampler. **Exhibit 1 – Boring Location Map** shows the soil sample locations. GSG's field representative screened the soil samples for the presence of volatile chemical constituents using a photo-ionization detector (PID) and inspected each soil sleeve for the presence of soil staining and/or olfactory impacts. All soil samples were labeled with a unique identifier, placed in a cooler packed with ice, transported to Sterling Labs: Environmental Testing Laboratory. Refer to **Appendix C, Soil Boring Logs** for further information.

3. SOIL ANALYTICAL TESTING PROGRAM

GSG collected one (1) sample from B-2, B-4, B-7, and B-9 and two (2) samples from B-1, B-3, B-5, B-6, B-8, and B-10 for a total of sixteen (16) soil samples during the site investigation activities. The soil samples were submitted to Sterling Labs, an IEPA accredited laboratory, for analytical testing. The soil samples were analyzed for some or all of the following constituents:

- Volatile Organic Compounds (VOCs): US EPA Method SW5035;
- Semi Volatile Organic Compounds (SVOCs) and Polynuclear Aromatic Hydrocarbons (PNAs): USEPA Method SW8270C;
- Total Resource Conservation and Recovery Act (RCRA) Metals: US EPA Methods 6020/7470A/7471A;
- Toxicity Characteristic Leaching Procedure (TCLP) Iron: USEPA Methods SW6020B/SW1311/SW3015/1311;
- Polychlorinated Biphenyls (PCBs): US EPA Method SW8082A;

- Pesticides: US EPA Method SW8081B;
- Herbicides: US EPA Method SW8321B / SW3546;
- Polychlorinated Biphenyls (PCBs): US EPA Method 8082A; and
- pH: US EPA Method 9045C.

4. ANALYTICAL RESULTS EVALUATION

4.1 Comparison to TACO Tier 1 Soil Remediation Objectives

Soil analytical results were compared to the Tiered Approached to Corrective Action Objectives (TACO) Tier 1 Soil Remediation Objectives (SROs) for Residential Properties for the Ingestion, inhalation, and the Soil Component of the Groundwater (SCGW) (Class I) Ingestion exposure routes listed in *35 IAC Part 742, Appendix B, Table A (Illinois Pollution Control Board (IPCB), 2013).* As part of this evaluation, Ionizable Organics [*Appendix B, Table A, footnote (i)*] and Inorganics [*Appendix B, Table A, footnote (m)*] with pH-dependent solubility were compared to pH-specific SROs for the SCGW (Class I) Ingestion exposure route, presented in *35 IAC Part 742, Appendix B, Tables C and D (IPCB, 2013).* **Table 3-1** presents the soil analytical results compared to the TACO Tier 1 SROs with exceedances of applicable SROs. Laboratory Analytical Results are provided in **Appendix B**.

Based on the analytical data, soils at seven (7) of the sixteen (16) sample locations exceeded the TACO Residential Ingestion Route SROs and/or the Soil Component for Class I Groundwater (SCGW) exposure route.

4.2 Clean Construction or Demolition Debris Evaluation

GSG compared the soil analytical results to the most stringent Maximum Allowable Concentrations (MACs) values listed in *35 IAC Part 1100.605, Subpart F (IPCB, 2012)*. Soil with values exceeding the MAC values, and/or exhibiting PID readings above background levels and/or exhibiting pH values outside the IEPA established acceptable range of values of 6.25 to 9.0, should be classified as non-CCDD material and should be disposed of at a Subtitle D landfill. PNAs were compared to the Metropolitan Statistical Area (MSA) Counties background values for CCDD disposal options. **Table 3-1** presents the soil analytical results compared to the CCDD MAC Values with exceedances of applicable MAC values. Laboratory Analytical Results are provided in **Appendix B**.

- Eight (8) of the sixteen (16) samples exceeded the CCDD Most Stringent MAC Values;
- Six (6) of the sixteen (16) Samples exceeded the CCDD MSA County MAC Values;
- Two (2) of the sixteen (16) samples were outside of the CCDD-acceptable pH range; and
- None of the sixteen (16) samples exhibited PID readings above ambient air.

Table 3-1, TACO Tier 1 Residential SRO and CCDD MAC Exceedances, lists COCs with concentrations exceeding the corresponding CCDD MAC screening criteria.

TABLE 3-1
TACO TIER 1 SROS AND CCDD MAC EXCEEDANCES

Sample ID	Exceeding Constituent	Result	Residential		SCGW SROs	CCDD MAC Values	Elevation Range of Impacted Soil
			Ingestion	Inhalation	Class I	MSA/Most Stringent	
		(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(ft. msl)
B-1							
B-1-0506	Lead	200	800	NC	107[a]	107	587.89 - 580.89
	Benzo(a)pyrene	0.488	1.3[b]	NC	8	2.1 / 0.09	
	Manganese	755	41,000	91,000	NC	636 / 630	
B-1-1213	Benzo(a)pyrene	0.2	1.3[b]	NC	8	2.1 / 0.09	580.89 – 579.89*
B-2							
B-2-1314	Benzo(a)pyrene	1.43	1.3[b]	NC	8	2.1 / 0.09	592.37 - 578.37*
	Benzo(a)anthracene	1.2	8	NC	2	1.8 / 0.9	
	Benzo(b)fluoranthene	1.93	8	NC	5	2.1 / 0.9	
	Dibenzo(a,h)anthracene	0.252	0.8	NC	2	0.42 / 0.09	
	Indeno(1,2,3-cd)pyrene	1.06	8	NC	14	1.6 / 0.9	
	pH	9.44	NC	NC	NC	6.25 - 9.0	
B-3							
B-3-0304	Benzo(a)pyrene	0.18	1.3[b]	NC	8	2.1 / 0.09	588.44 - 580.44
	Lead	187	800	NC	107[a]	107	
	pH	9.14	NC	NC	NC	6.25 - 9.0	
B-4							
B-4-0607	Benzo(a)pyrene	0.116	1.3[b]	NC	8	2.1 / 0.09	586.82 - 585.82*
B-5							
B-5-0506	Benzo(a)anthracene	5.56	8	NC	2	1.8 / 0.9	588.00 – 579.00
	Benzo(a)pyrene	5.57	1.3[b]	NC	8	2.1 / 0.09	
	Benzo(b)fluoranthene	6.72	8	NC	5	2.1 / 0.9	
	Dibenzo(a,h)anthracene	0.855	0.8	NC	2	0.42 / 0.09	
	Arsenic	13.8	13	1,200	30	13 / 11.3	
	Lead	1400	800	NC	107[a]	107	
	Indeno(1,2,3-cd)pyrene	3.59	8	NC	14	1.6 / 0.9	
	Mercury (Total)	1.92	610	16	6.4[a]	0.89	
	Selenium	2.06	10,000	NC	3.3[a]	1.3	
B-5-1415	Benzo(a)pyrene	0.221	1.3[b]	NC	8	2.1 / 0.09	579.00 – 578.00*
B-7							
B-7-0809	Benzo(a)anthracene	2.35	8	NC	2	1.8 / 0.9	584.98 – 583.98*
	Benzo(a)pyrene	2.31	1.3	NC	8	2.1 / 0.09	
	Benzo(b)fluoranthene	3.25	8	NC	5	2.1 / 0.9	
	Dibenzo(a,h)anthracene	0.395	0.8	NC	2	0.42 / 0.09	
	Indeno(1,2,3-cd)pyrene	1.59	8	NC	14	1.6 / 0.9	

TABLE 3-1
TACO TIER 1 SROS AND CCDD MAC EXCEEDANCES

Sample ID	Exceeding Constituent	Result	Residential		SCGW SROs	CCDD MAC Values	Elevation Range of Impacted Soil
			Ingestion	Inhalation	Class I	MSA/Most Stringent	
		(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(ft. msl)
B-8							
B-8-0607	Benzo(a)pyrene	**1.49**	**1.3**	NC	8	2.1 / **0.09**	586.91 – 581.91
	Lead	**122**	800	NC	**107**[a]	**107**	
	Benzo(a)anthracene	**1.59**	8	NC	2	1.8 / **0.9**	
	Benzo(b)fluoranthene	**1.93**	8	NC	5	2.1 / **0.9**	
	Dibenzo(a,h)anthracene	**0.244**	0.8	NC	2	0.42 / **0.09**	
	Indeno(1,2,3-cd)pyrene	**0.992**	8	NC	14	1.6 / **0.9**	
B-8-1112	Arsenic	**15.7**	**13**	1,200	30	**13 / 11.3**	581.91 – 580.91*
	Benzo(a)pyrene	**0.118**	1.3	NC	8	2.1 / **0.09**	

Bold Residential SRO Exceeded
Bold SCGW SRO Exceeded
Bold CCDD MSA MAC Value Exceeded
Bold CCDD Most Stringent MAC for PNAs Exceeded
Bold CCDD Most Stringent MAC for Inorganics Exceeded
[a] pH specific SCGW SROs, 35 IAC 742, Appendix B, Table D
[b] Location specific background value
NC No toxicity criteria set for this exposure route
* Impacted soil extends below the limits of the boring; Contractor should assume impacted soil extends to full depth of excavation.

4.3 Comparison to TACO Tier 1 Construction Worker Soil Remediation Objectives

GSG compared soil analytical data to the TACO Tier 1 Construction Worker (CW) SROs for the Soil Ingestion and Soil Inhalation exposure routes, listed in 35 IAC Part 742, Appendix B, Table B (IPCB, 2013), to determine locations of areas that may require construction worker precautions during construction activities at the site.

Following a comparison review of the data, one (1) of the sixteen (16) samples exceeded the TACO Tier 1 Construction Worker Ingestion SRO for Lead. It is noted that the presence or use of elemental Lead was not established in the due diligence review. Based on [*35 IAC Part 742, Appendix B, Table B, footnote (s)]*, elemental mercury is not a chemical of concern for the Project Area, therefore, the inhalation SRO for mercury does not apply to the Project Area. Following a comparison review of the data, sample B-5 exceeded the TACO Tier 1 Construction Worker SROs.

TACO Tier 1 Construction Worker SROs. ***Table 3-2, TACO Tier 1 Construction Worker SRO Exceedances***, provides a list of the constituents that exceeded the TACO Tier 1 CW SROs.

TABLE 3-2 TACO TIER 1 CONSTRUCTION WORKER SRO EXCEEDANCES					
Sample ID	Exceeding Constituent	Result	Construction Worker SROs		Elevation Range of Impacted Soil
			Ingestion	Inhalation	
		(mg/kg)	(mg/kg)	(mg/kg)	(ft. msl)
B-5					
B-5-0506	Lead	**1,400**	**700**	NC	588.00 – 579.00

Bold Regulatory Value Exceeded

* Impacted soil extends below the limits of the boring; Contractor should assume impacted soil extends to full depth of excavation.

5. SUMMARY AND CONCLUSION

The CCDD assessment did not identify the presence of recognized environmental conditions within the project area.

Following the comparison review of the analytical data, soil samples B-1-0506, B-2-1314, B-3-0304, B-5-0506, B-7-0809, and B-8-1112, exceeded the TACO Tier 1 Residential SROs and/or the Soil Component for Class I Groundwater (SCGW) exposure route This material cannot be reused within the Project Area and must be disposed of at a licensed Subtitle D facility.

Following the comparison review of the analytical data, soil samples B-4-0607 B-5-14-15, exceeded the Most Stringent CCDD MAC Values. This material may be reused on the site, and any excess or unsuitable soils may be disposed of at a licensed CCDD facility in an MSA County.

Following the comparison review of the analytical data, soil sample B-5-0506 exceeded the TACO Tier 1 Construction Worker SROs. Construction Worker Precautions are necessary when working in this area.

Soils at all other locations can be reused on site if structurally suitable, and any excess or unsuitable soils may be disposed of at a licensed CCDD facility.

Exhibit 2, Soil Management Plan, shows the location of soils exceeding the TACO Tier 1 SROs for Industrial/Commercial properties, CCDD exclusion zone, and construction workers precautions area.

If you have any questions or comments, please feel free to call us at 630-994-2600.

Respectfully submitted,

GSG CONSULTANTS, INC.

Michael Nuccio
Environmental Scientist

Ted Cagney, LPG
Manager of Environmental Services

Attachments:

Exhibits

Exhibit 1 – Soil Boring Location Map

Exhibit 2 – Soil Management Plan

Appendices

Appendix A -- EDR Historical Environmental Data

Appendix B – Analytical Tables

Appendix C – Soil Boring Logs

Appendix D – Laboratory Analytical Reports

Tables

Table 1 – Soil Analytical Results Compared to Tier 1 Residential SROs

Table 2 – Soil Analytical Results Compared to CCDD MAC Values

Table 3 – Soil Analytical Results Compared to Construction Worker SROs

EXHIBITS

EXHIBIT 1 **Soil Boring Location Map**
EXHIBIT 2 **Soil Management Plan**

EXHIBIT 1

Soil Boring Location Map



/(*(1'

68%-(&7 3523(57<

%25,1* /2&$7,216

86)HHW

(;+,%,7
%25,1* /2&$7,21 0$3

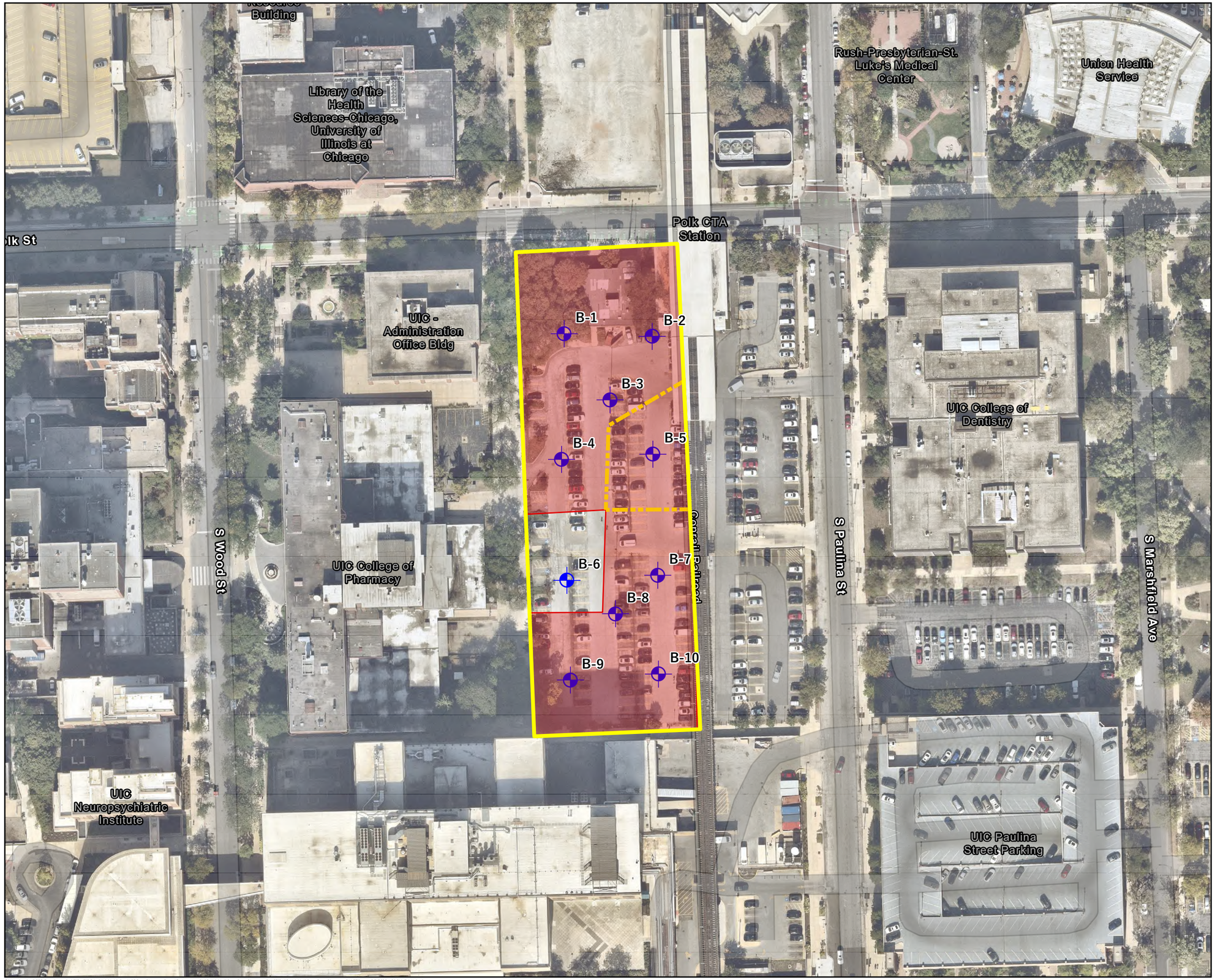
8,& '58* ',6&29(5< &(17(5
+2/$%,5' $1' 5227 3+$6(,,
&+,&$*2 &22. ,/

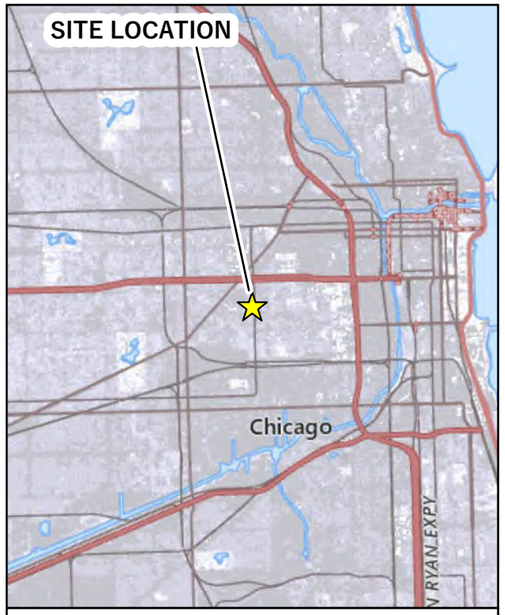
GSG

& 78VHUV?]QDEHHO?7*6* &RQVXOWDQWV .QF?*,6 *.6 'ULYH?+RDGHLUG 5RRW?8,& 'UXJ 'LVFRYHU\ &HQWHU?QYLURQPHQWDO?8,&B+RDGHLUG 5RRW8'UXJB'LVFRYHU\B3+$6(..?8,&B+RDGHLUG 5RRW8'UXJB'LVFRYHU\B3+$6(.. DSU[30 =DLQ1DEHHO

EXHIBIT 2

Soil Management Plan





LEGEND

- SUBJECT PROPERTY
- CANNOT BE REUSED ON-SITE, MUST BE DISPOSED OF AT A SUBTITLE D FACILITY
- CONSTRUCTION WORKER PRECAUTION AREA
- BORING LOCATIONS

N
W E
S

0 50 100 150 200 US Feet

1" = 100'

EXHIBIT 2
SOIL MANAGEMENT PLAN

UIC DRUG DISCOVERY CENTER
HOLABIRD AND ROOT PHASE II
CHICAGO, COOK, IL

GSG

C:\Users\znabeel\GSG Consultants, Inc\GIS - GIS Drive\Holabird & Root\UIC Drug Discovery Center\Environmental\UIC_Holabird&Root_Drug_Discovery_PHASEII\UIC_Holabird&Root_Drug_Discovery_PHASEII.aprx, 2/2/2026 1:38 PM, ZainNabeel

APPENDICES

APPENDIX A **EDR Historical Environmental Data**
APPENDIX B **Analytical Tables**
APPENDIX C **Soil Boring Logs**
APPENDIX D **Laboratory Analytical Reports**

APPENDIX A

EDR Historical Environmental Data

UIC Drug Discovery Center

833 S. Wood Street

Chicago, IL 60612

Inquiry Number: 8220050.8

January 12, 2026

The EDR Aerial Photo Decade Package

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

01/12/26

Site Name:

UIC Drug Discovery Center
833 S. Wood Street
Chicago, IL 60612
EDR Inquiry # 8220050.8

Client Name:

GSG Consultants, Inc
623 Cooper Court
SCHAUMBURG, IL 60173
Contact: Michael Nuccio

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

Search Results:

Year	*Scale*	*Details*	*Source*
2023	1"=500'	Flight Year: 2023	USDA/NAIP
2019	1"=500'	Flight Year: 2019	USDA/NAIP
2015	1"=500'	Flight Year: 2015	USDA/NAIP
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2005	1"=500'	Flight Year: 2005	USDA/NAIP
1999	1"=500'	Acquisition Date: March 27, 1999	USGS/DOQQ
1994	1"=500'	Flight Date: March 25, 1994	NAPP
1988	1"=500'	Flight Date: April 12, 1988	NAPP
1980	1"=500'	Flight Date: January 01, 1980	USGS
1978	1"=500'	Flight Date: October 30, 1978	USGS
1972	1"=500'	Flight Date: October 26, 1972	USGS
1962	1"=500'	Flight Date: April 20, 1962	USGS
1952	1"=500'	Flight Date: March 29, 1952	USGS
1938	1"=500'	Flight Date: November 29, 1938	ILGS

When delivered electronically by EDR, the aerial photo images included with this report are for ONE TIME USE ONLY. Further reproduction of these aerial photo images is prohibited without permission from EDR. For more information contact your EDR Account Executive.

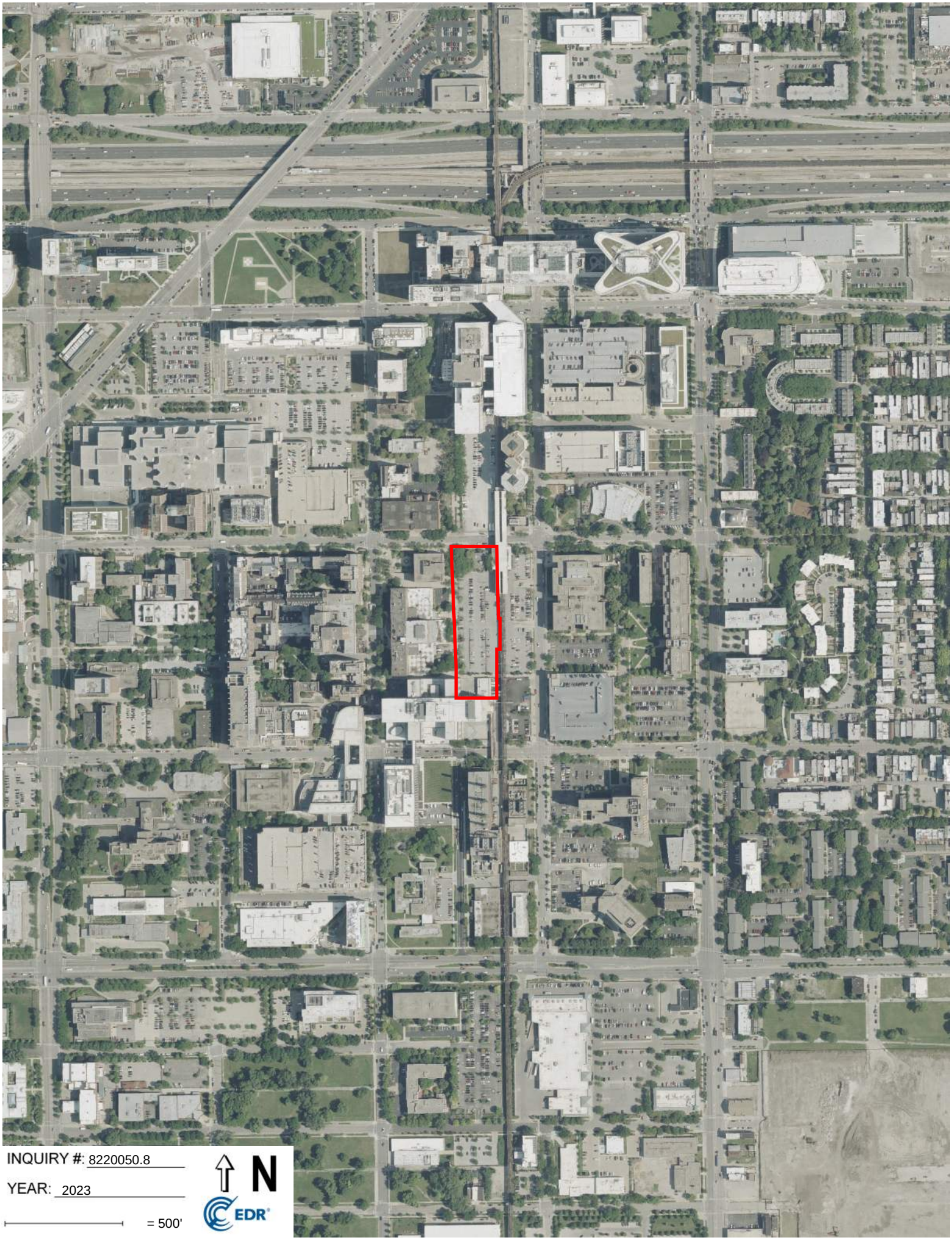
Disclaimer - Copyright and Trademark Notice

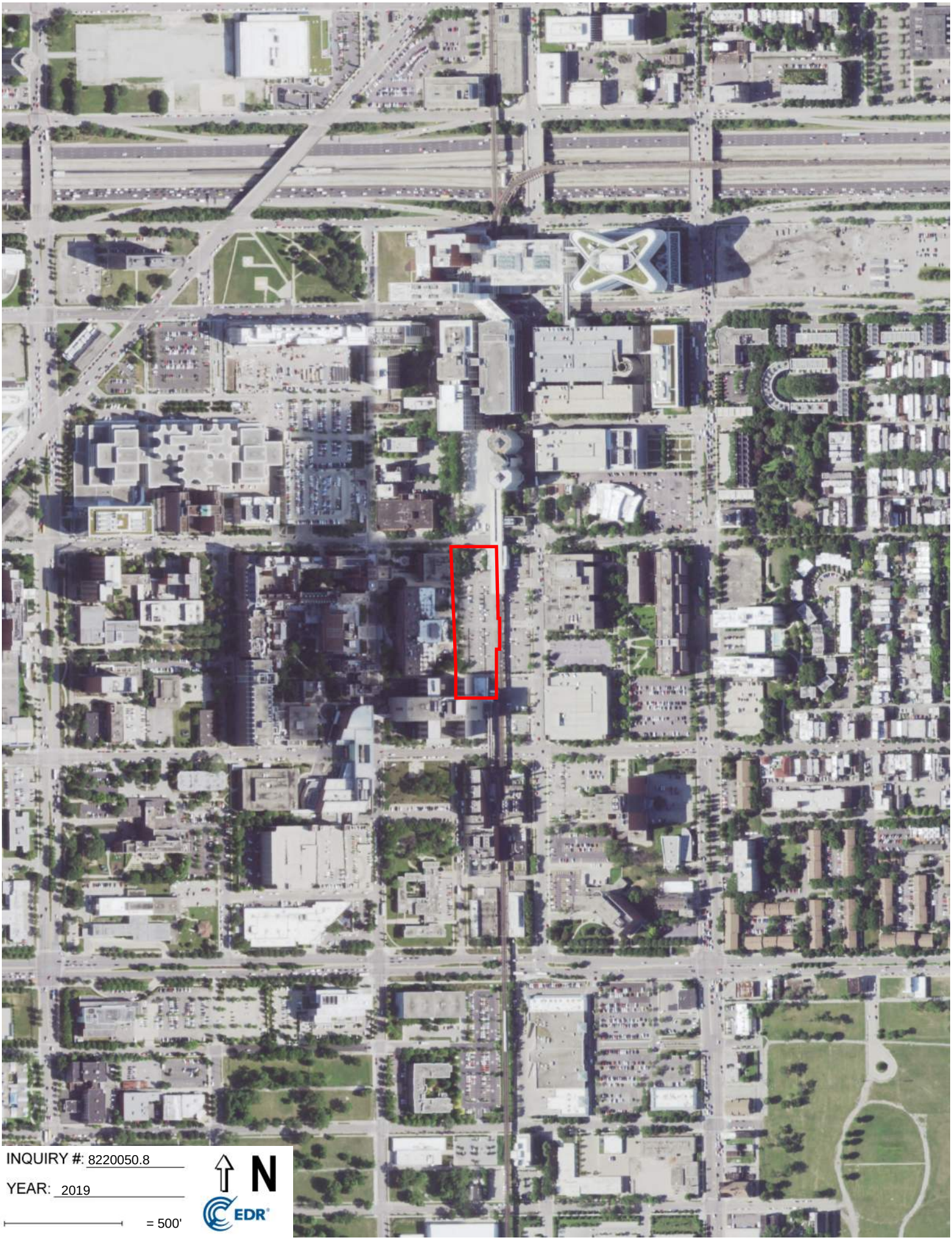
This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, LLC. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. This Report is provided on an "AS IS", "AS AVAILABLE" basis. NO WARRANTY EXPRESS OR IMPLIED IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, LLC AND ITS SUBSIDIARIES, AFFILIATES AND THIRD PARTY SUPPLIERS DISCLAIM ALL WARRANTIES, OF ANY KIND OR NATURE, EXPRESS OR IMPLIED, ARISING OUT OF OR RELATED TO THIS REPORT OR ANY OF THE DATA AND INFORMATION PROVIDED IN THIS REPORT, INCLUDING WITHOUT LIMITATION, ANY WARRANTIES REGARDING ACCURACY, QUALITY, CORRECTNESS, COMPLETENESS, COMPREHENSIVENESS, SUITABILITY, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE, NON-INFRINGEMENT, MISAPPROPRIATION, OR OTHERWISE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, LLC OR ITS SUBSIDIARIES, AFFILIATES OR THIRD PARTY SUPPLIERS BE LIABLE TO ANYONE FOR ANY DIRECT, INCIDENTAL, INDIRECT, SPECIAL, CONSEQUENTIAL OR OTHER DAMAGES OF ANY TYPE OR KIND (INCLUDING BUT NOT LIMITED TO LOSS OF PROFITS, LOSS OF USE, OR LOSS OF DATA), ARISING OUT OF OR IN ANY WAY CONNECTED WITH THIS REPORT OR ANY OF THE DATA AND INFORMATION PROVIDED IN THIS REPORT.

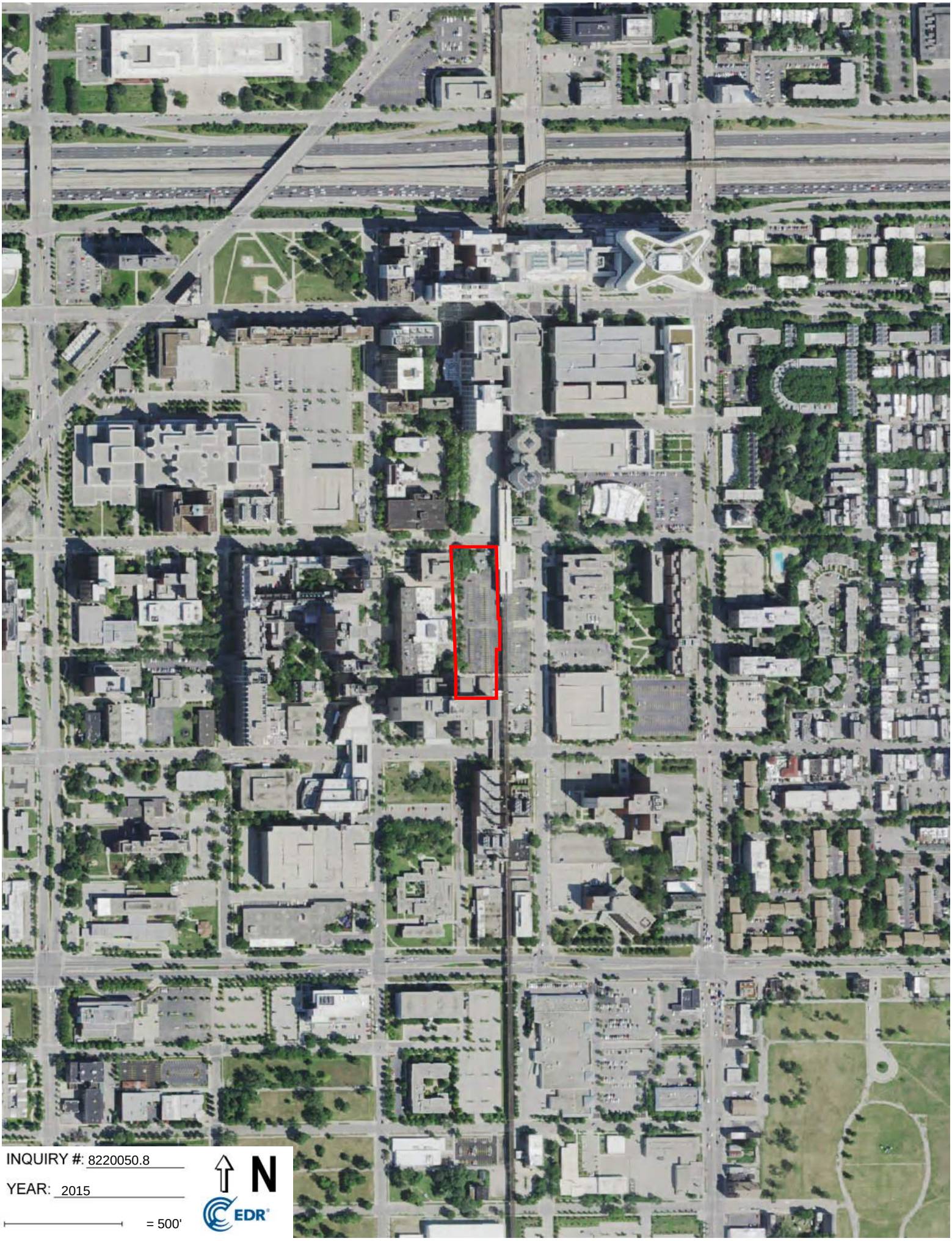
Any analyses, estimates, ratings, environmental risk levels, or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only an assessment performed by a qualified environmental professional can provide findings, opinions or conclusions regarding the environmental risk or conditions in, on or at any property.

Copyright 2026 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, LLC or its affiliates. All other trademarks used herein are the property of their respective owners.

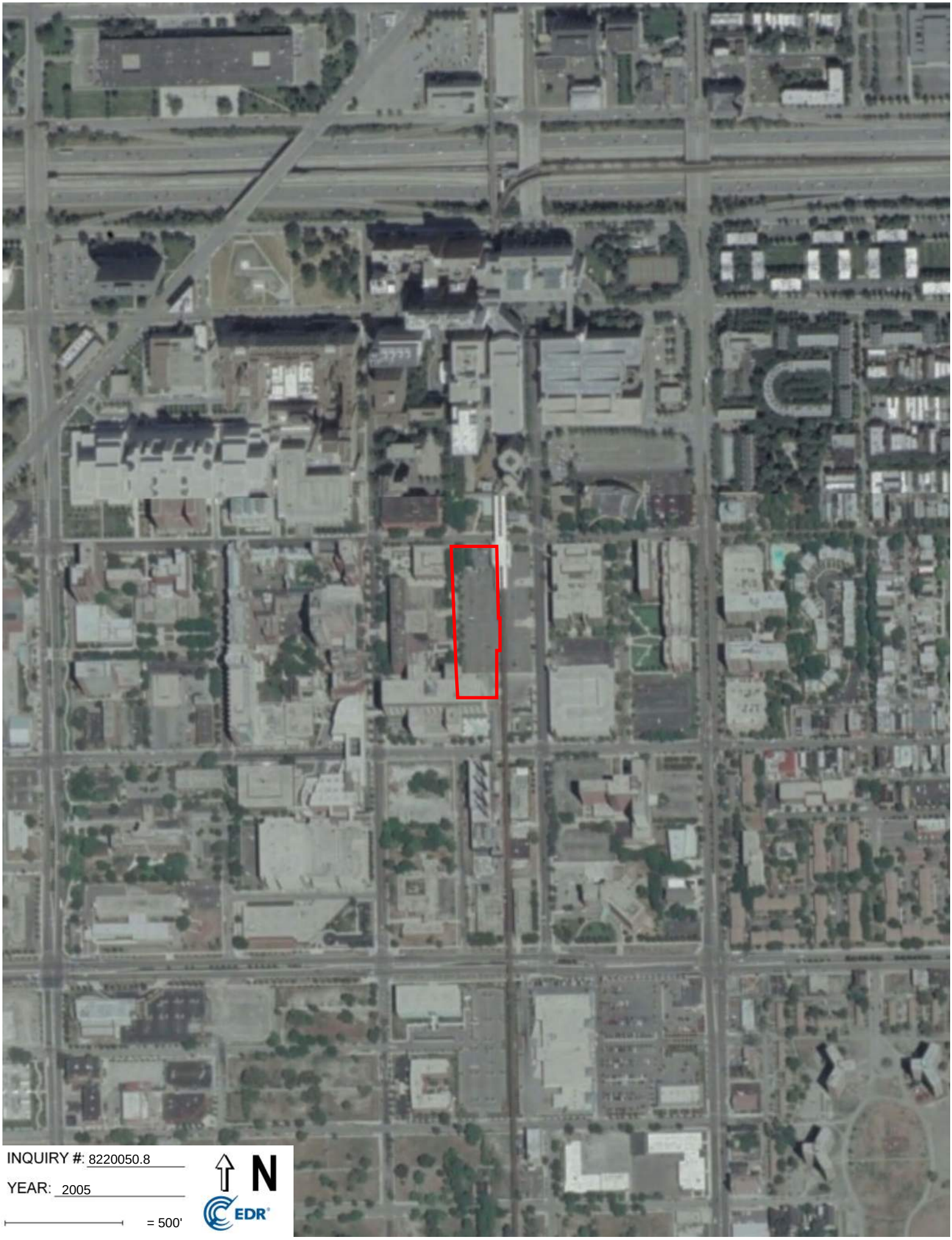

INQUIRY #: 8220050.8
YEAR: 2023
= 500'
N
EDR


INQUIRY #: 8220050.8
YEAR: 2019
= 500'
N
EDR

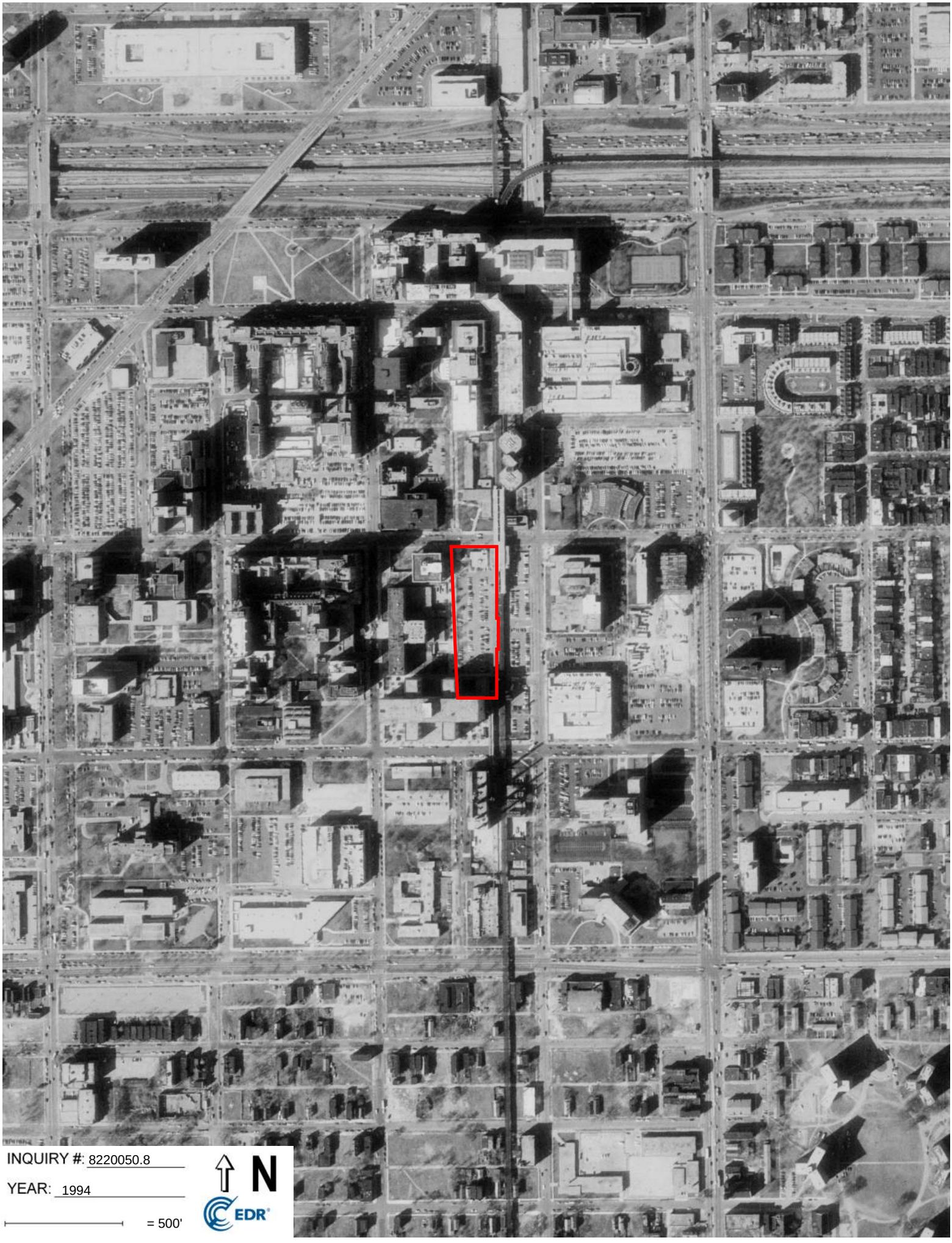

INQUIRY #: 8220050.8
YEAR: 2015
= 500'
N
EDR

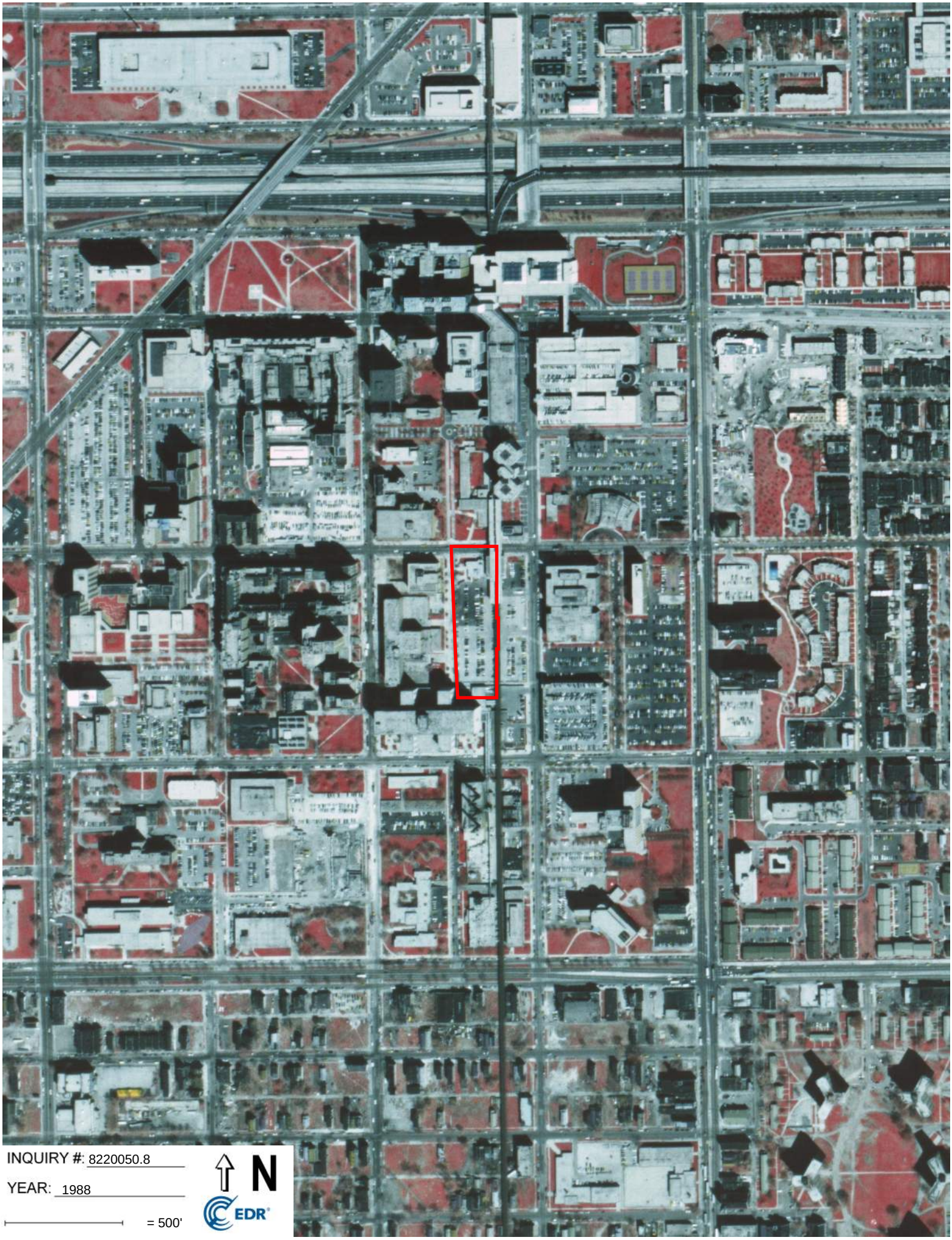

INQUIRY #: 8220050.8
YEAR: 2012
= 500'
N
EDR

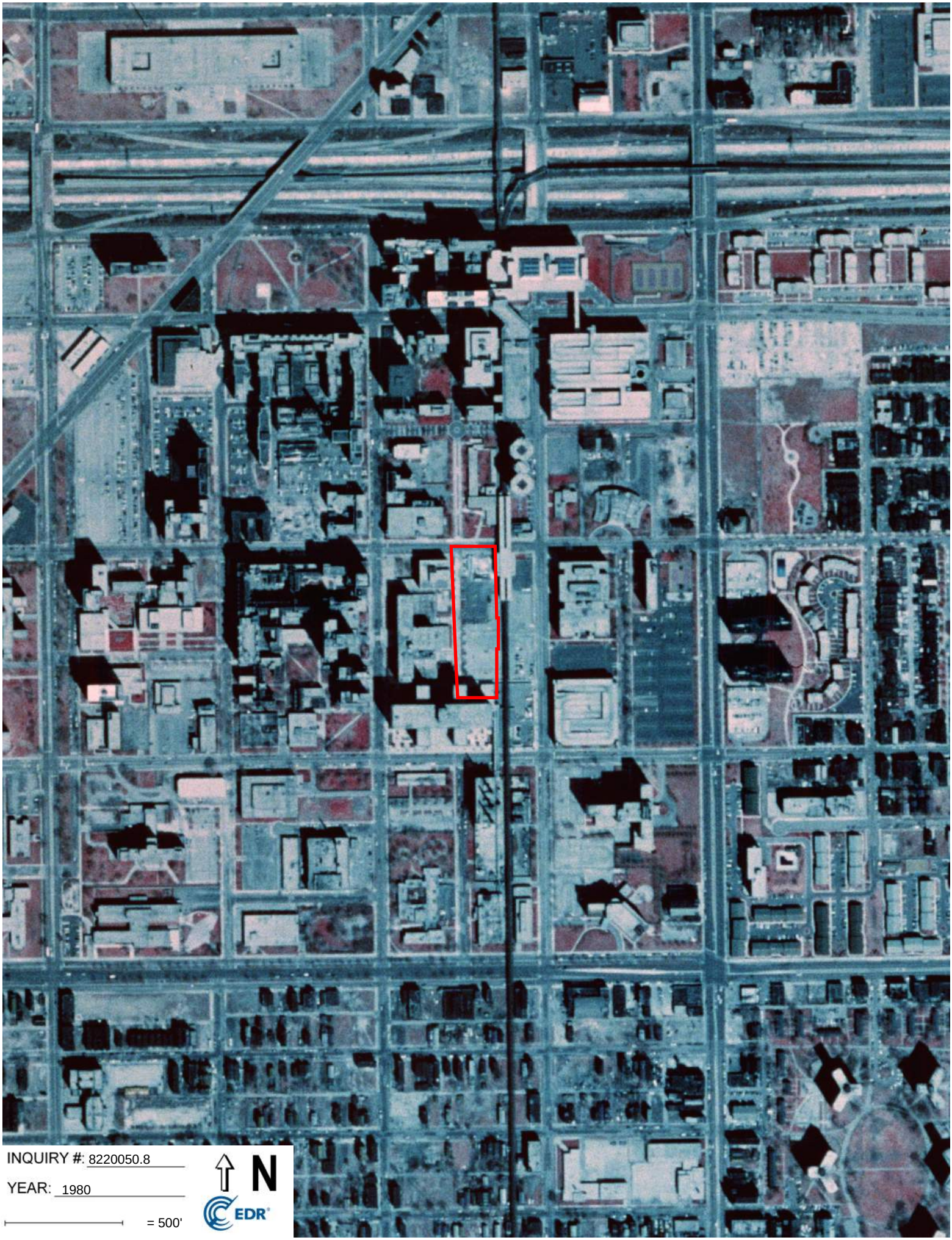

INQUIRY #: 8220050.8
YEAR: 2009
= 500'
N
EDR


INQUIRY #: 8220050.8
YEAR: 2005
= 500'
N
EDR


INQUIRY #: 8220050.8
YEAR: 1999
= 500'
N
EDR


INQUIRY #: 8220050.8
YEAR: 1994
= 500'
N
EDR


INQUIRY #: 8220050.8
YEAR: 1988
= 500'
N
EDR


INQUIRY #: 8220050.8
YEAR: 1980
= 500'
N
EDR



INQUIRY #: 8220050.8

YEAR: 1978

= 500'

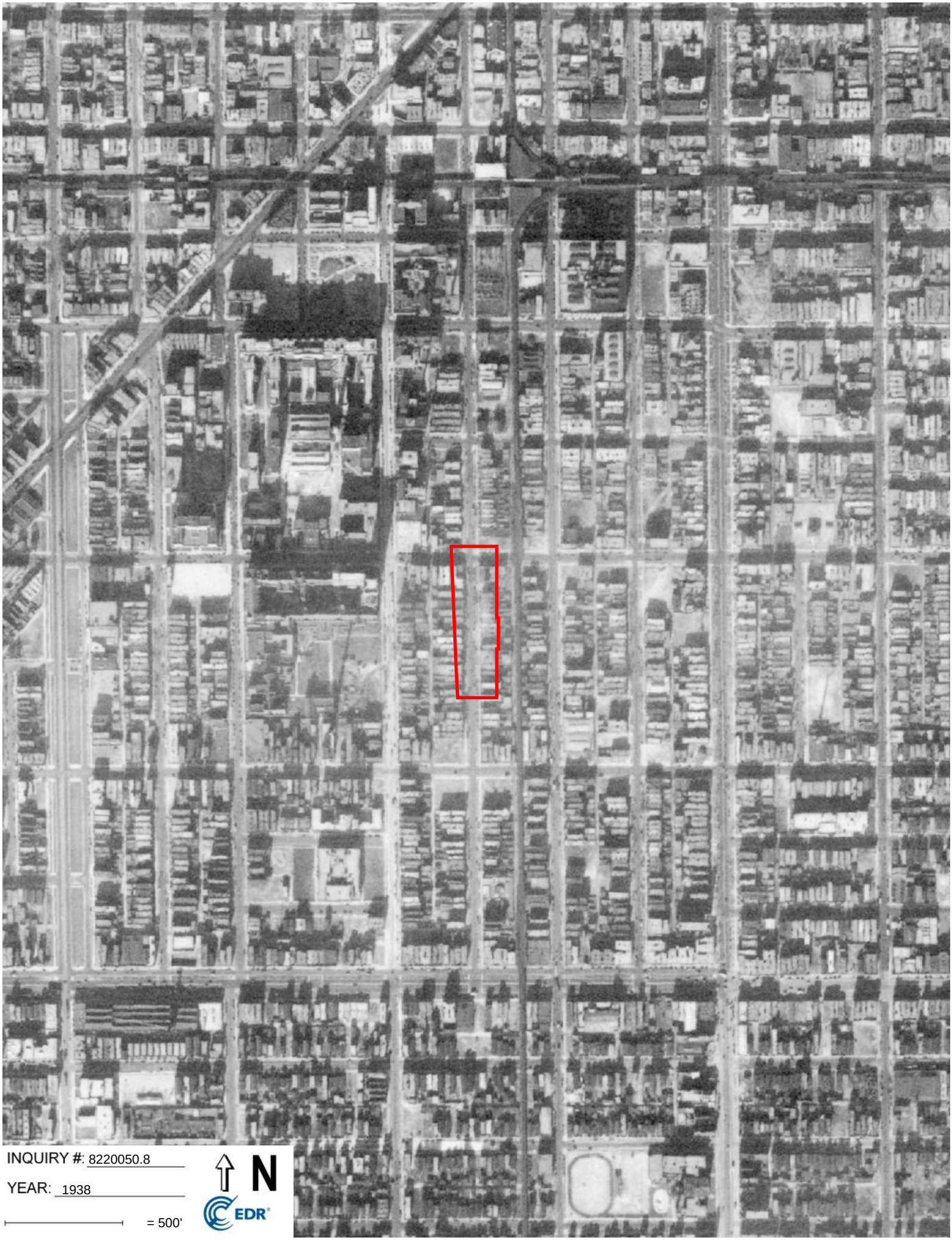
N

EDR


INQUIRY #: 8220050.8
YEAR: 1972
= 500'
N
EDR


INQUIRY #: 8220050.8
YEAR: 1962
= 500'
N
EDR


INQUIRY #: 8220050.8
YEAR: 1952
= 500'
N
EDR



INQUIRY #: 8220050.8

YEAR: 1938

= 500'

N

EDR

UIC Drug Discovery Center
833 S. Wood Street
Chicago, IL 60612

Inquiry Number: 8220050.4
January 12, 2026

EDR Historical Topo Map Report

with QuadMatch™

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topo Map Report

01/12/26

Site Name:

UIC Drug Discovery Center
833 S. Wood Street
Chicago, IL 60612
EDR Inquiry # 8220050.4

Client Name:

GSG Consultants, Inc
623 Cooper Court
SCHAUMBURG, IL 60173
Contact: Michael Nuccio

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by GSG Consultants, Inc were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:

P.O.# 25-2103

Project: UIC Drug Discovery Center

Coordinates:

Latitude:	41.871285 41° 52' 17" North
Longitude:	-87.669969 -87° 40' 12" West
UTM Zone:	Zone 16 North
UTM X Meters:	444402.94
UTM Y Meters:	4635702.27
Elevation:	593.00' above sea level

Maps Provided:

2024	1972
2021	1963
2018	1953
2015	1929
2012	1901
1997	1900
1993	1891
1978, 1980	1889

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, LLC. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. This Report is provided on an "AS IS", "AS AVAILABLE" basis. NO WARRANTY EXPRESS OR IMPLIED IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, LLC AND ITS SUBSIDIARIES, AFFILIATES AND THIRD PARTY SUPPLIERS DISCLAIM ALL WARRANTIES, OF ANY KIND OR NATURE, EXPRESS OR IMPLIED, ARISING OUT OF OR RELATED TO THIS REPORT OR ANY OF THE DATA AND INFORMATION PROVIDED IN THIS REPORT, INCLUDING WITHOUT LIMITATION, ANY WARRANTIES REGARDING ACCURACY, QUALITY, CORRECTNESS, COMPLETENESS, COMPREHENSIVENESS, SUITABILITY, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE, NON-INFRINGEMENT, MISAPPROPRIATION, OR OTHERWISE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, LLC OR ITS SUBSIDIARIES, AFFILIATES OR THIRD PARTY SUPPLIERS BE LIABLE TO ANYONE FOR ANY DIRECT, INCIDENTAL, INDIRECT, SPECIAL, CONSEQUENTIAL OR OTHER DAMAGES OF ANY TYPE OR KIND (INCLUDING BUT NOT LIMITED TO LOSS OF PROFITS, LOSS OF USE, OR LOSS OF DATA), ARISING OUT OF OR IN ANY WAY CONNECTED WITH THIS REPORT OR ANY OF THE DATA AND INFORMATION PROVIDED IN THIS REPORT. Any analyses, estimates, ratings, environmental risk levels, or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only an assessment performed by a qualified environmental professional can provide findings, opinions or conclusions regarding the environmental risk or conditions in, on or at any property.

Copyright 2026 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, LLC or its affiliates. All other trademarks used herein are the property of their respective owners.

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2024 Source Sheets



Englewood
2024
7.5-minute, 24000



Chicago Loop
2024
7.5-minute, 24000

2021 Source Sheets



Englewood
2021
7.5-minute, 24000



Chicago Loop
2021
7.5-minute, 24000

2018 Source Sheets



Englewood
2018
7.5-minute, 24000



Chicago Loop
2018
7.5-minute, 24000

2015 Source Sheets



Englewood
2015
7.5-minute, 24000



Chicago Loop
2015
7.5-minute, 24000

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2012 Source Sheets



Englewood
2012
7.5-minute, 24000



Chicago Loop
2012
7.5-minute, 24000

1997 Source Sheets



Englewood
1997
7.5-minute, 24000
Aerial Photo Revised 1997



Chicago Loop
1997
7.5-minute, 24000
Aerial Photo Revised 1988

1993 Source Sheets



Englewood
1993
7.5-minute, 24000
Aerial Photo Revised 1988



Chicago Loop
1993
7.5-minute, 24000
Aerial Photo Revised 1988

1978, 1980 Source Sheets



Chicago Loop
1978
7.5-minute, 24000
Aerial Photo Revised 1972



Englewood
1980
7.5-minute, 24000
Aerial Photo Revised 1978

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1972 Source Sheets



Englewood
1972
7.5-minute, 24000
Aerial Photo Revised 1972



Chicago Loop
1972
7.5-minute, 24000
Aerial Photo Revised 1972

1963 Source Sheets



Englewood
1963
7.5-minute, 24000
Aerial Photo Revised 1963



Chicago Loop
1963
7.5-minute, 24000
Aerial Photo Revised 1962

1953 Source Sheets



Englewood
1953
7.5-minute, 24000



Chicago Loop
1953
7.5-minute, 24000

1929 Source Sheets



Englewood
1929
7.5-minute, 24000



Chicago Loop
1929
7.5-minute, 24000

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1901 Source Sheets



Chicago
1901
15-minute, 62500

1900 Source Sheets



Chicago
1900
15-minute, 62500

1891 Source Sheets



Chicago
1891
15-minute, 62500

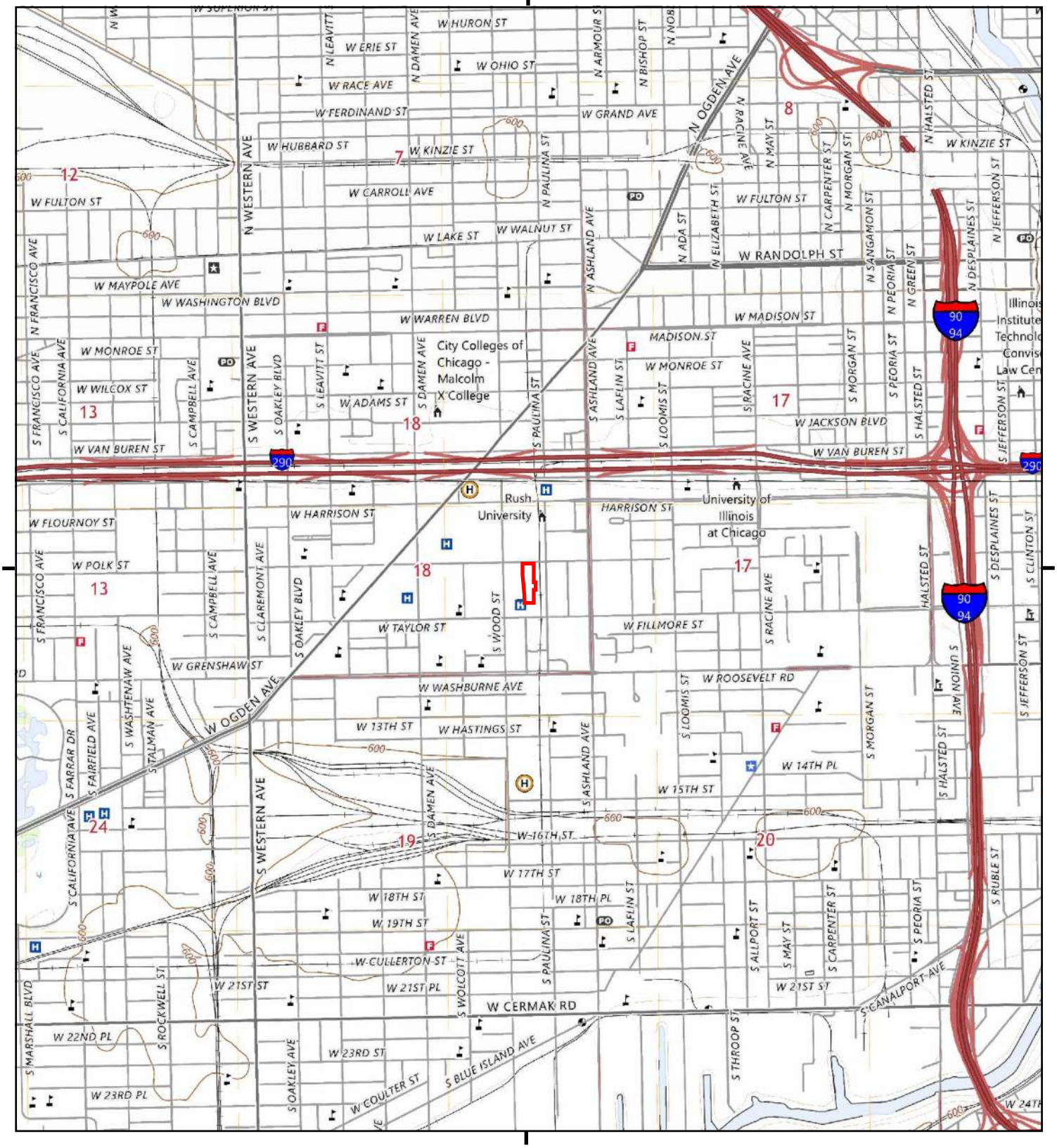
1889 Source Sheets



Chicago
1889
15-minute, 62500

Historical Topo Map

2024



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

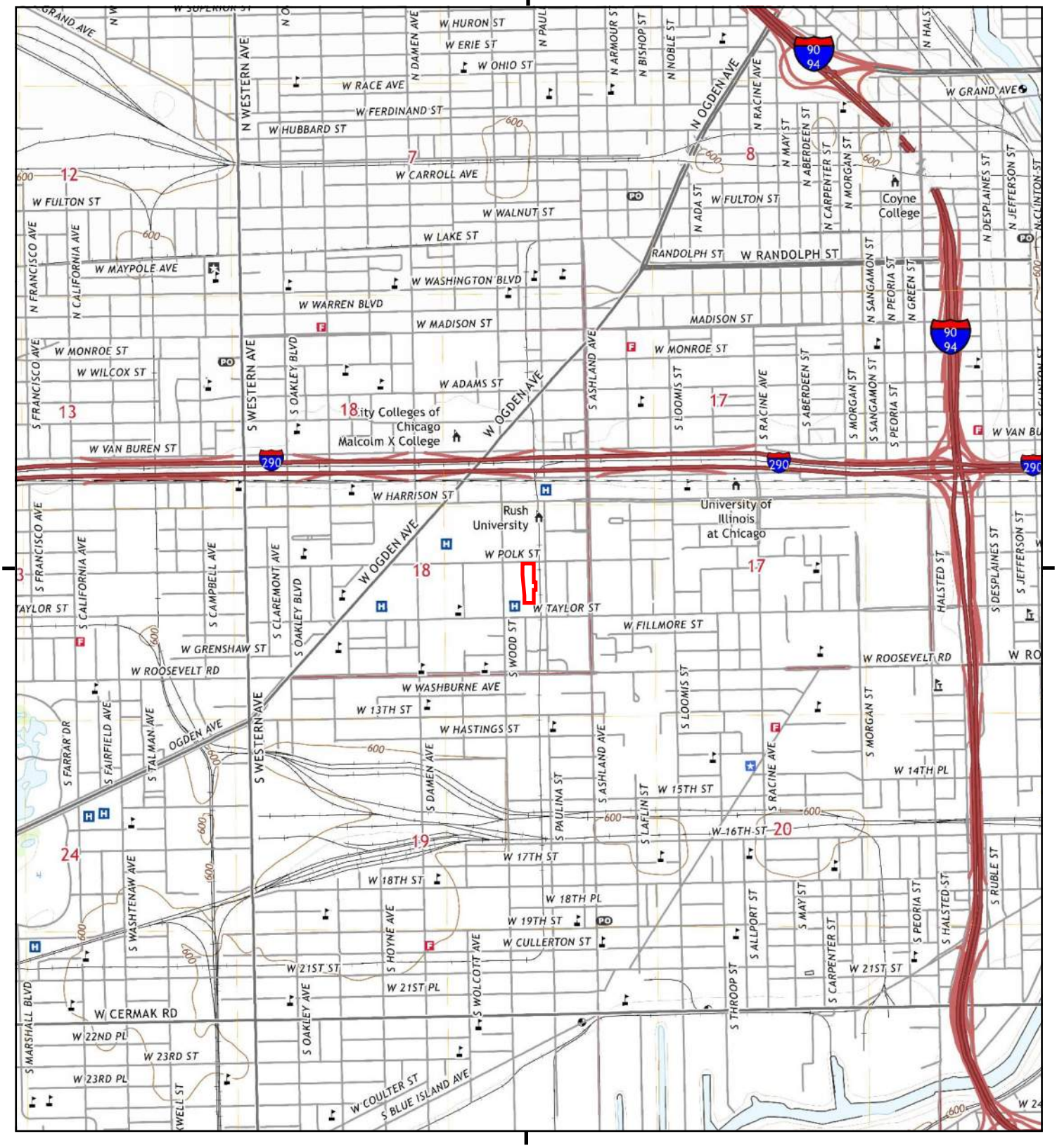
SE, Englewood, 2024, 7.5-minute
SE, Chicago Loop, 2024, 7.5-minute

SITE NAME: UIC Drug Discovery Center
ADDRESS: 833 S. Wood Street
Chicago, IL 60612
CLIENT: GSG Consultants, Inc

N

Historical Topo Map

2021



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

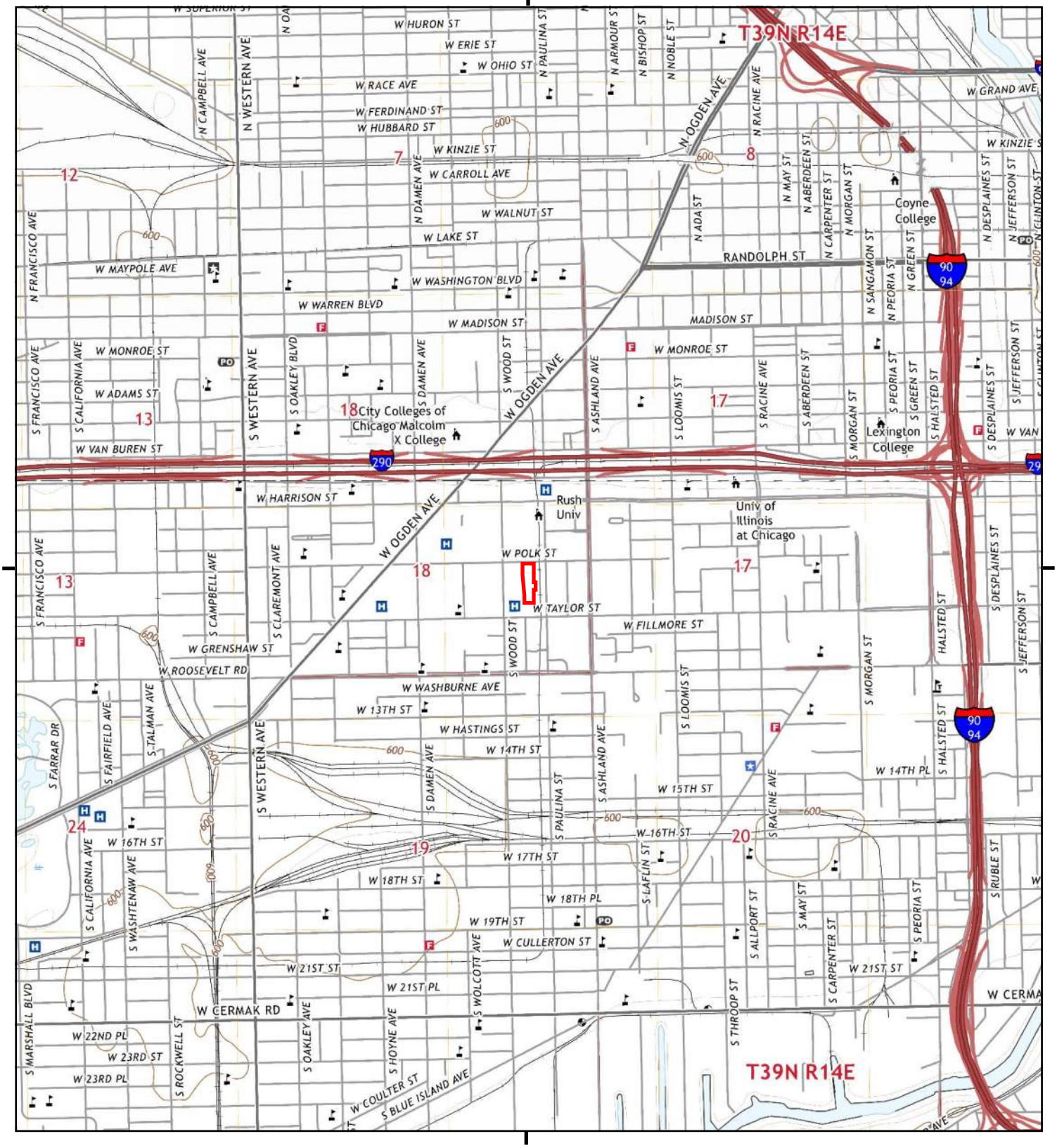
TP, Englewood, 2021, 7.5-minute
N, Chicago Loop, 2021, 7.5-minute

SITE NAME: UIC Drug Discovery Center
ADDRESS: 833 S. Wood Street
Chicago, IL 60612
CLIENT: GSG Consultants, Inc

N

Historical Topo Map

2018



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

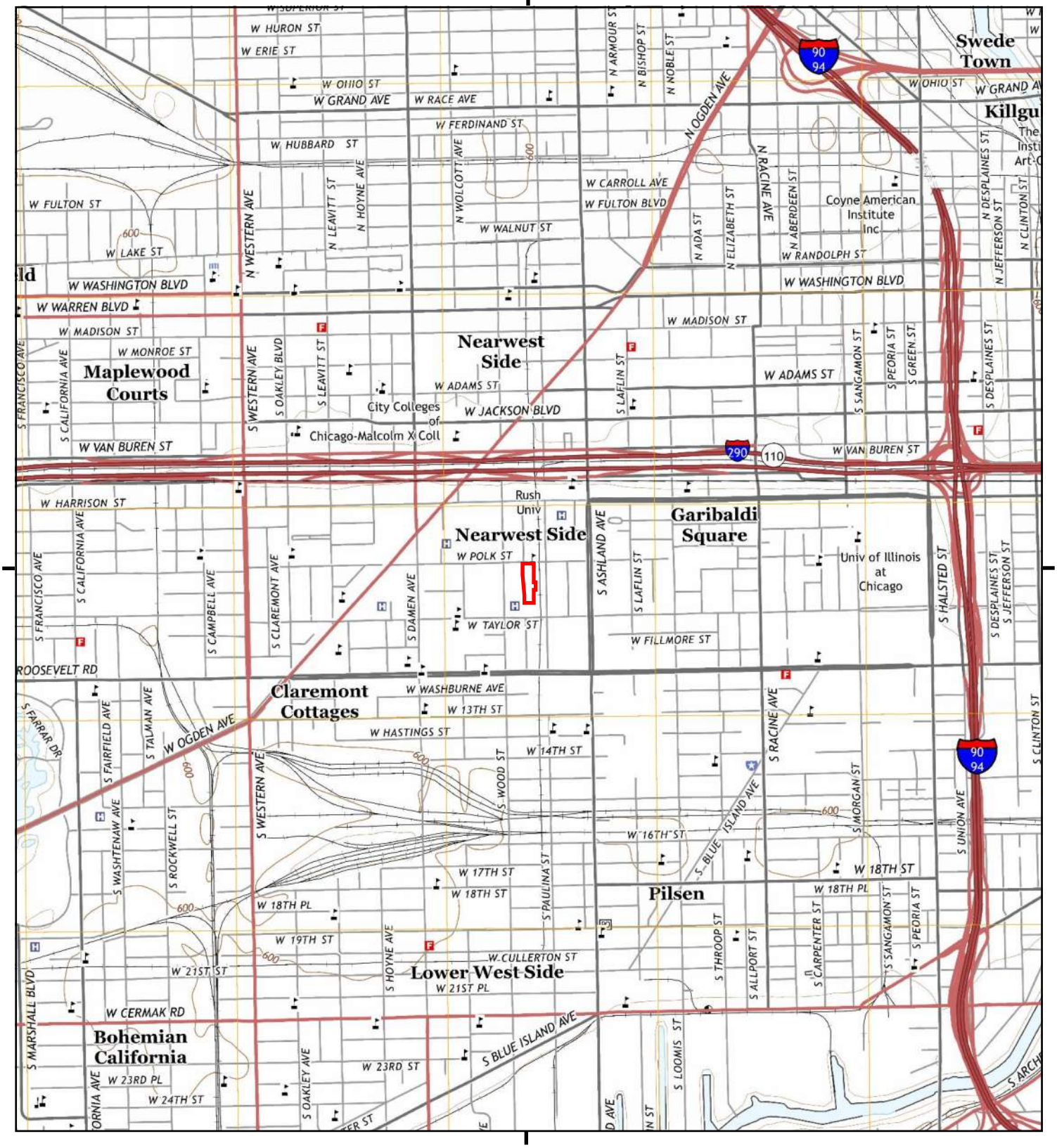
TP, Englewood, 2018, 7.5-minute
N, Chicago Loop, 2018, 7.5-minute

SITE NAME: UIC Drug Discovery Center
ADDRESS: 833 S. Wood Street
Chicago, IL 60612
CLIENT: GSG Consultants, Inc

N

Historical Topo Map

2015



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Englewood, 2015, 7.5-minute
N, Chicago Loop, 2015, 7.5-minute

SITE NAME: UIC Drug Discovery Center
ADDRESS: 833 S. Wood Street
Chicago, IL 60612
CLIENT: GSG Consultants, Inc

N

Historical Topo Map

2012



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

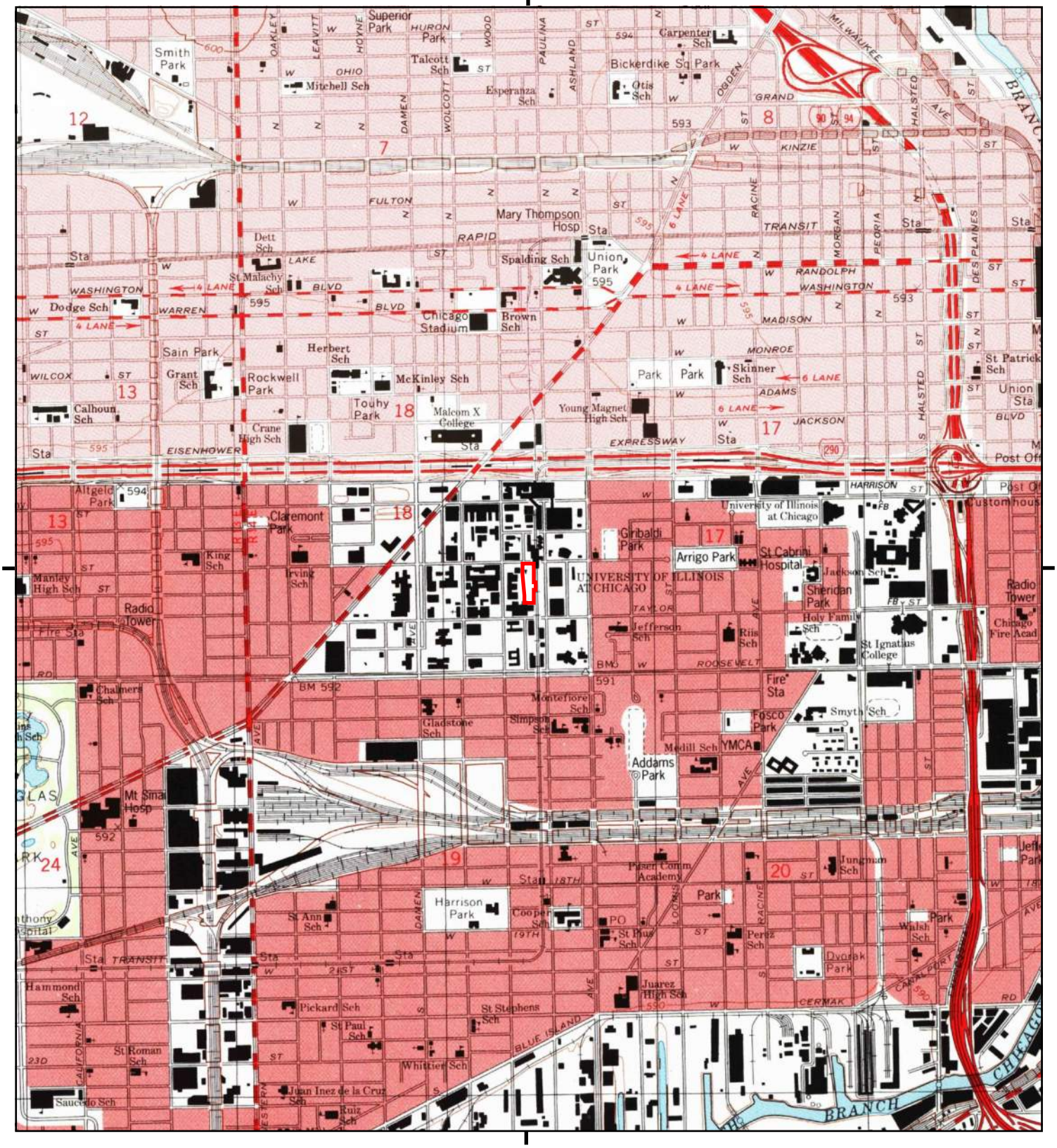
TP, Englewood, 2012, 7.5-minute
N, Chicago Loop, 2012, 7.5-minute

SITE NAME: UIC Drug Discovery Center
ADDRESS: 833 S. Wood Street
Chicago, IL 60612
CLIENT: GSG Consultants, Inc

N

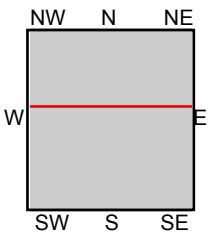
Historical Topo Map

1997



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5



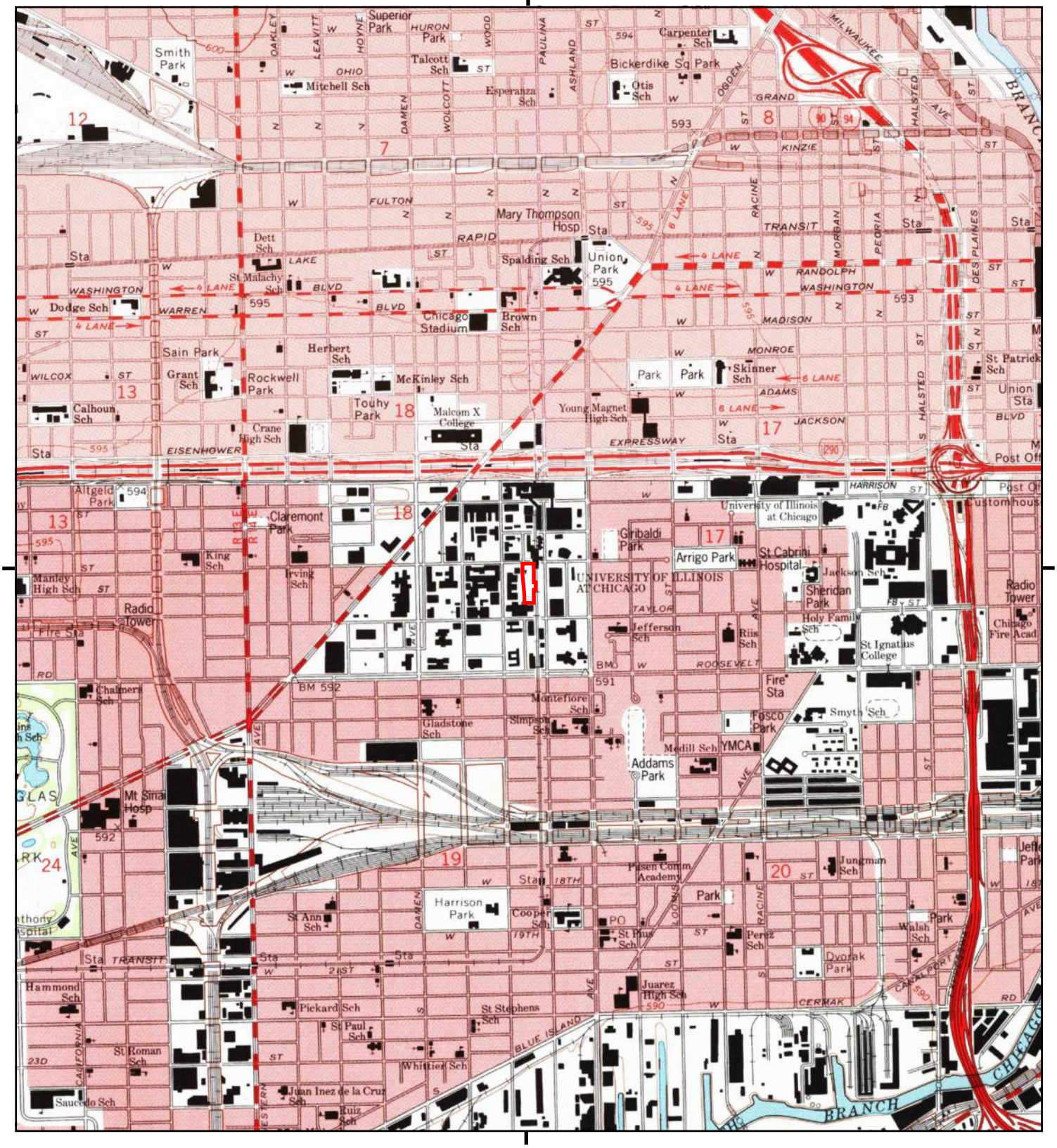
TP, Englewood, 1997, 7.5-minute
N, Chicago Loop, 1997, 7.5-minute

SITE NAME: UIC Drug Discovery Center
ADDRESS: 833 S. Wood Street
Chicago, IL 60612
CLIENT: GSG Consultants, Inc

N

Historical Topo Map

1993



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

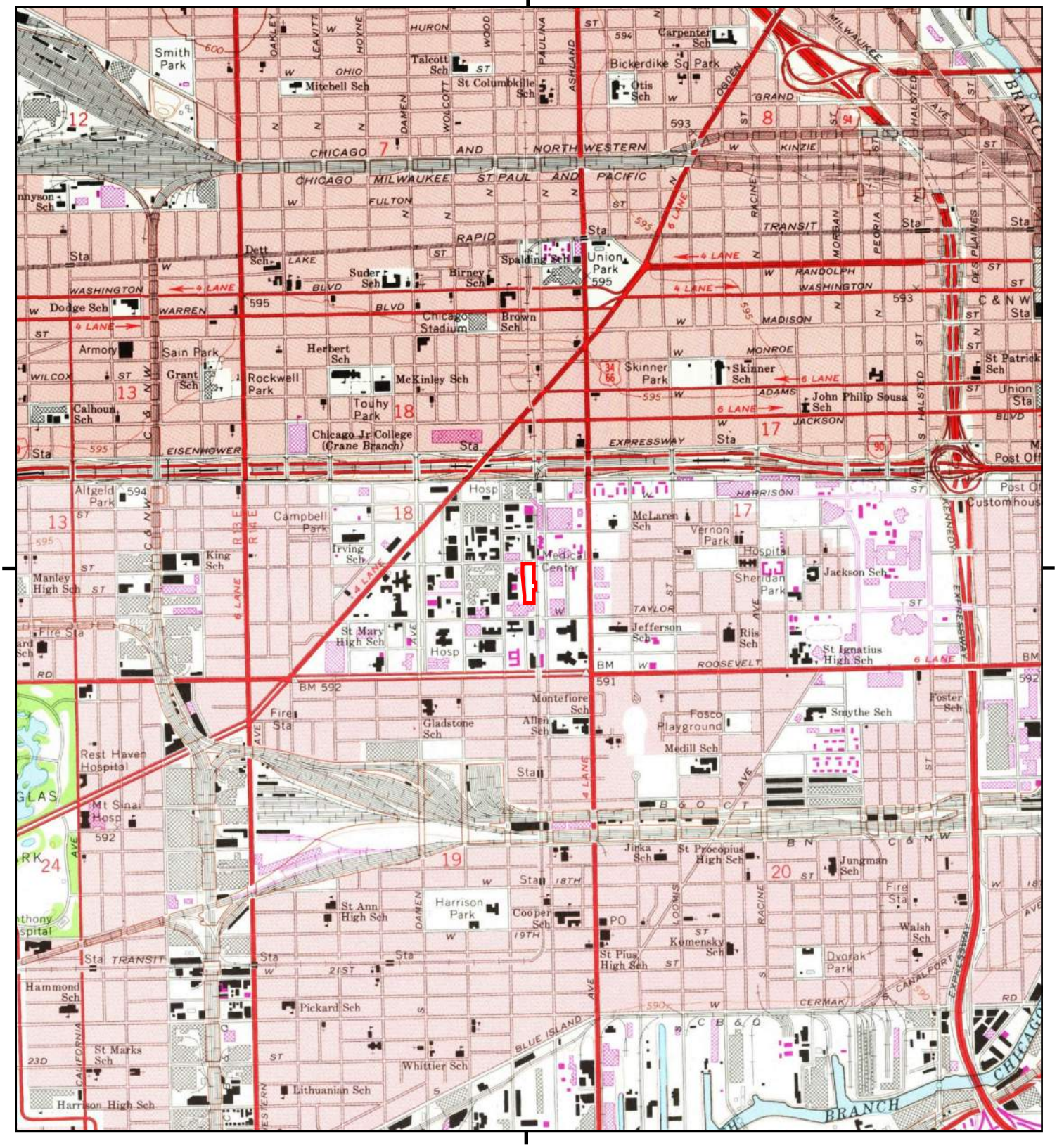
TP, Englewood, 1993, 7.5-minute
N, Chicago Loop, 1993, 7.5-minute

SITE NAME: UIC Drug Discovery Center
ADDRESS: 833 S. Wood Street
Chicago, IL 60612
CLIENT: GSG Consultants, Inc

N

Historical Topo Map

1978, 1980



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

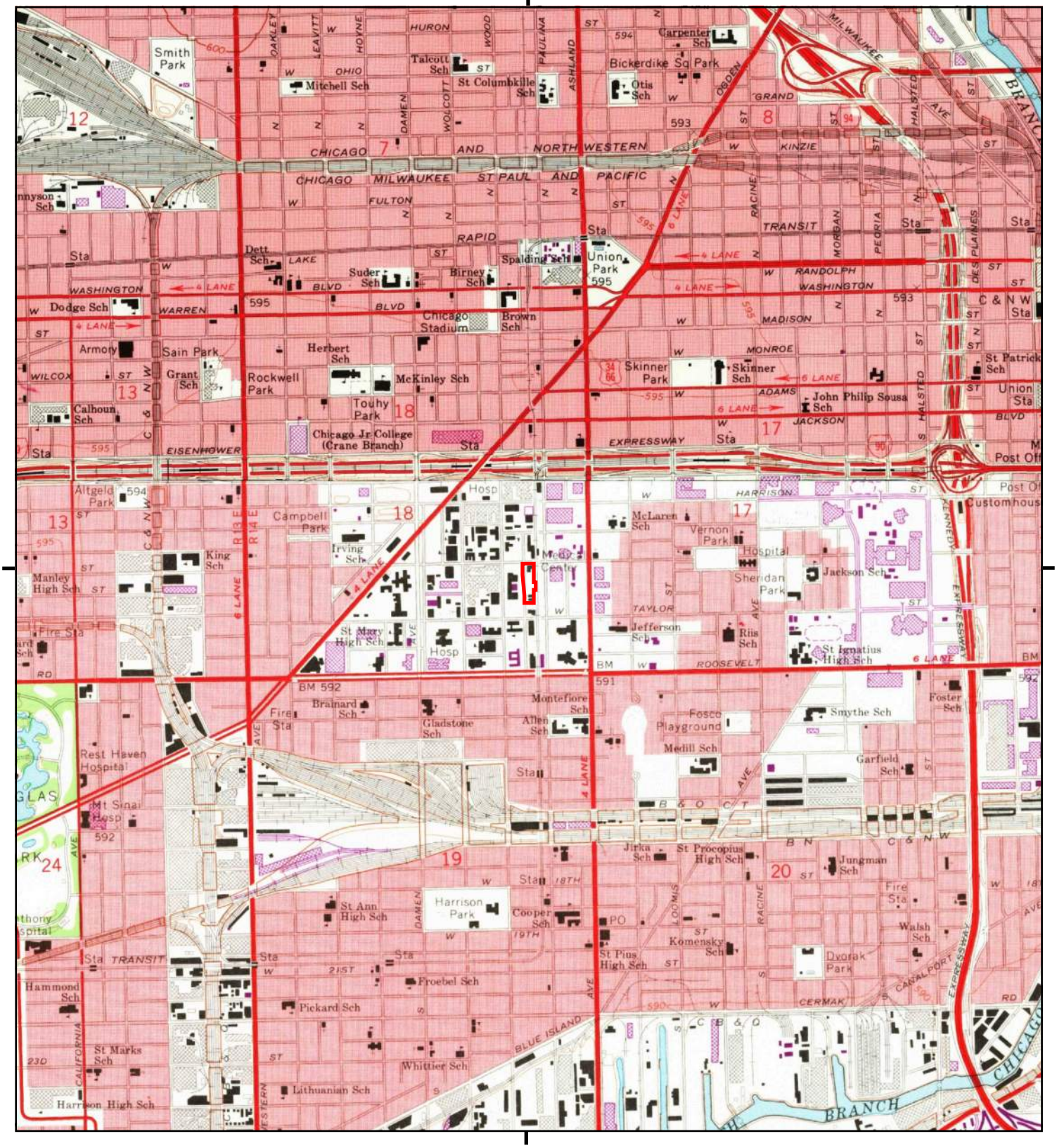
TP, Englewood, 1980, 7.5-minute
N, Chicago Loop, 1978, 7.5-minute

SITE NAME: UIC Drug Discovery Center
ADDRESS: 833 S. Wood Street
Chicago, IL 60612
CLIENT: GSG Consultants, Inc

N

Historical Topo Map

1972



This report includes information from the following map sheet(s).

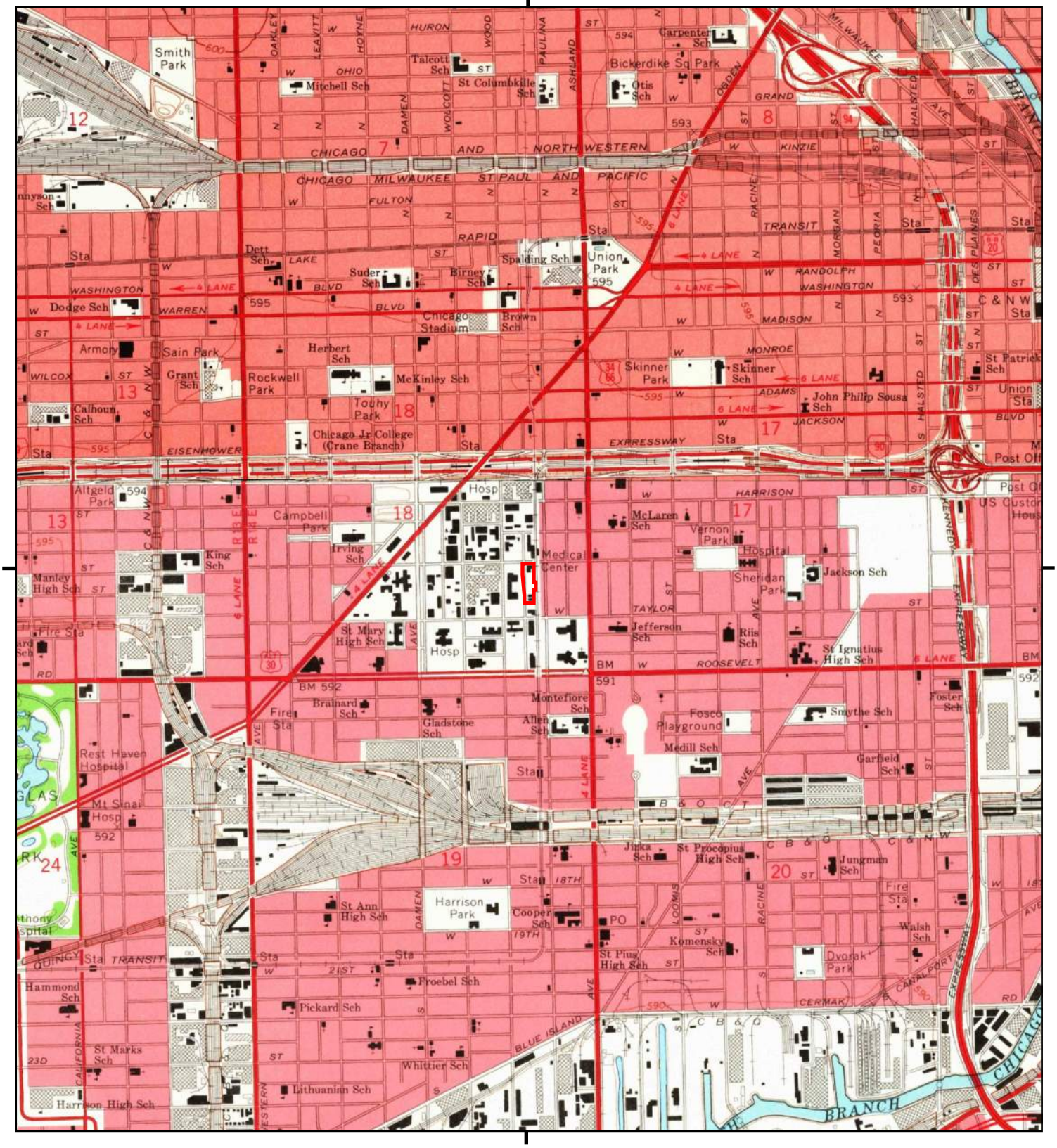
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Englewood, 1972, 7.5-minute
N, Chicago Loop, 1972, 7.5-minute

SITE NAME: UIC Drug Discovery Center
ADDRESS: 833 S. Wood Street
Chicago, IL 60612
CLIENT: GSG Consultants, Inc

N



This report includes information from the following map sheet(s).

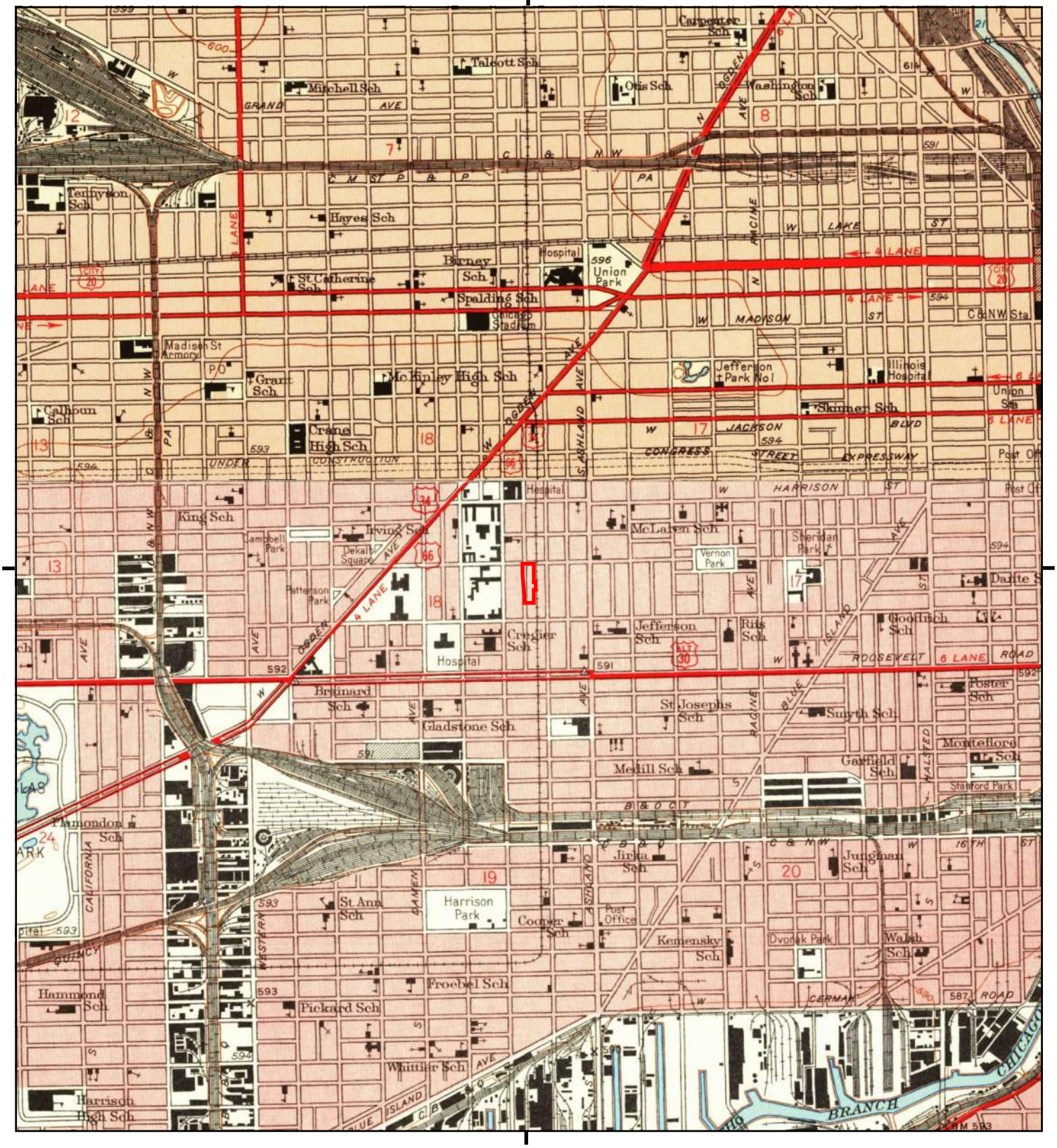
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Englewood, 1963, 7.5-minute
N, Chicago Loop, 1963, 7.5-minute

SITE NAME: UIC Drug Discovery Center
ADDRESS: 833 S. Wood Street
Chicago, IL 60612
CLIENT: GSG Consultants, Inc

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

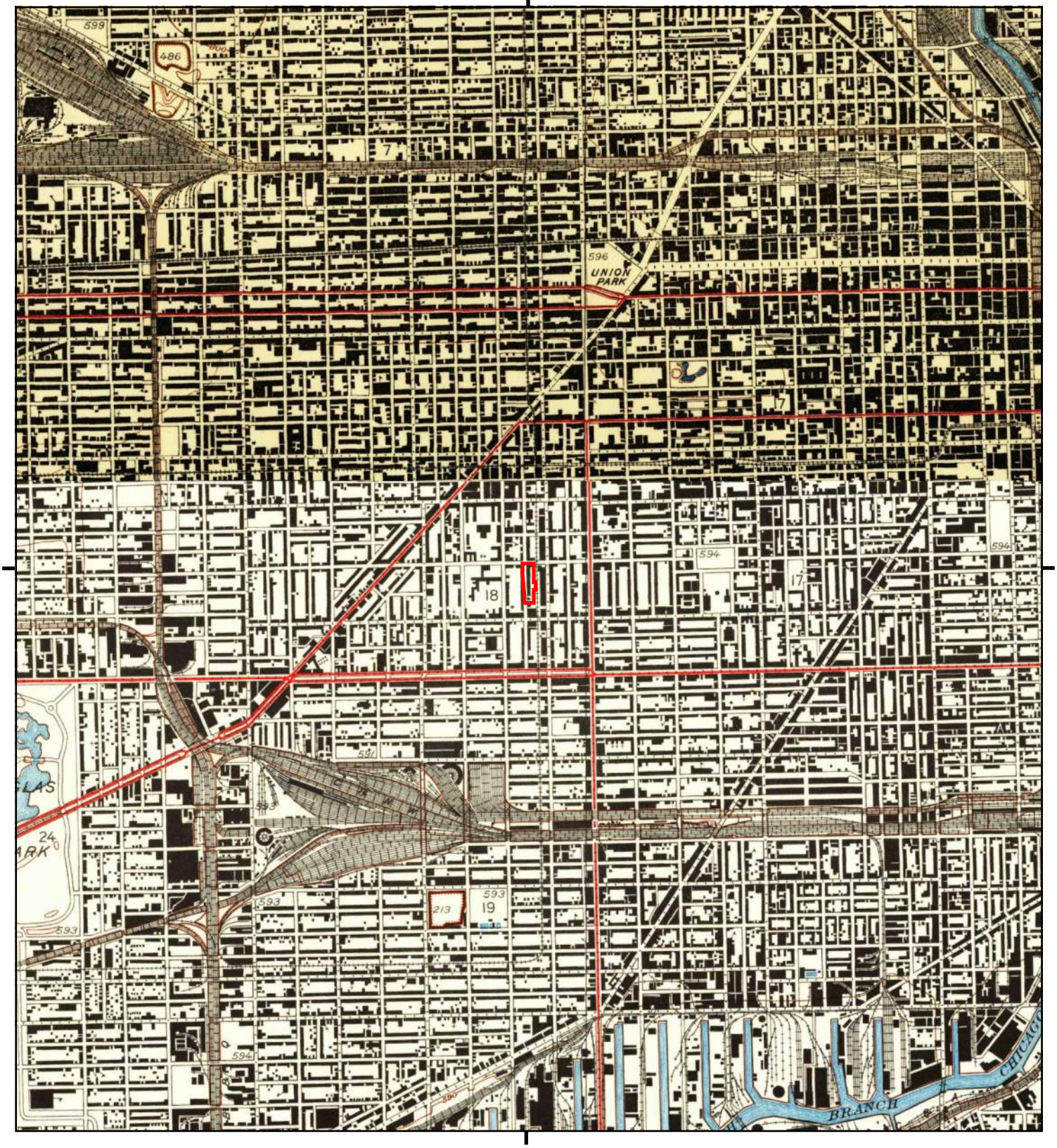
TP, Englewood, 1953, 7.5-minute
N, Chicago Loop, 1953, 7.5-minute

SITE NAME: UIC Drug Discovery Center
ADDRESS: 833 S. Wood Street
Chicago, IL 60612
CLIENT: GSG Consultants, Inc

N

Historical Topo Map

1929



This report includes information from the following map sheet(s).

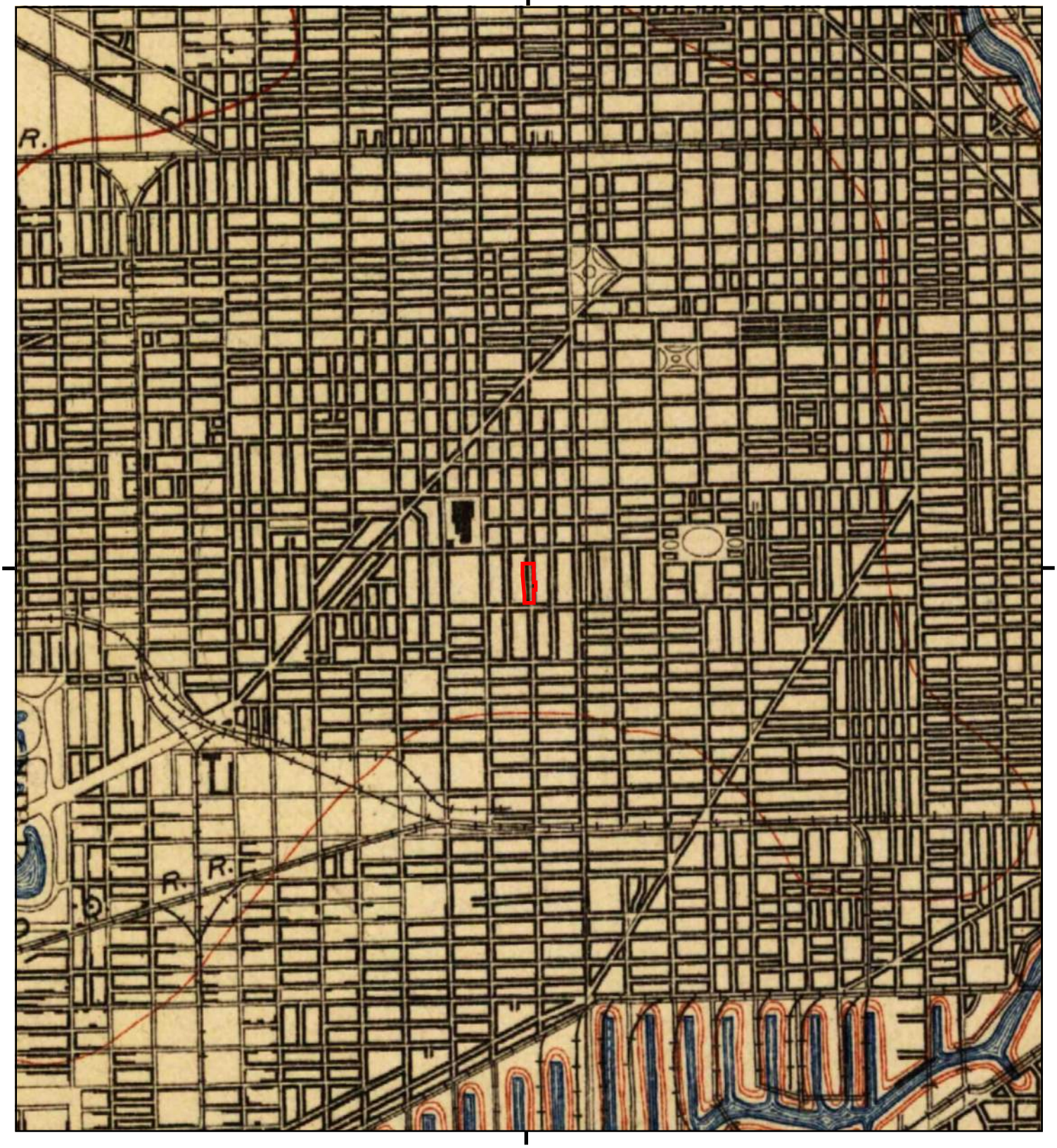
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Englewood, 1929, 7.5-minute
N, Chicago Loop, 1929, 7.5-minute

SITE NAME: UIC Drug Discovery Center
ADDRESS: 833 S. Wood Street
Chicago, IL 60612
CLIENT: GSG Consultants, Inc

N



This report includes information from the following map sheet(s).

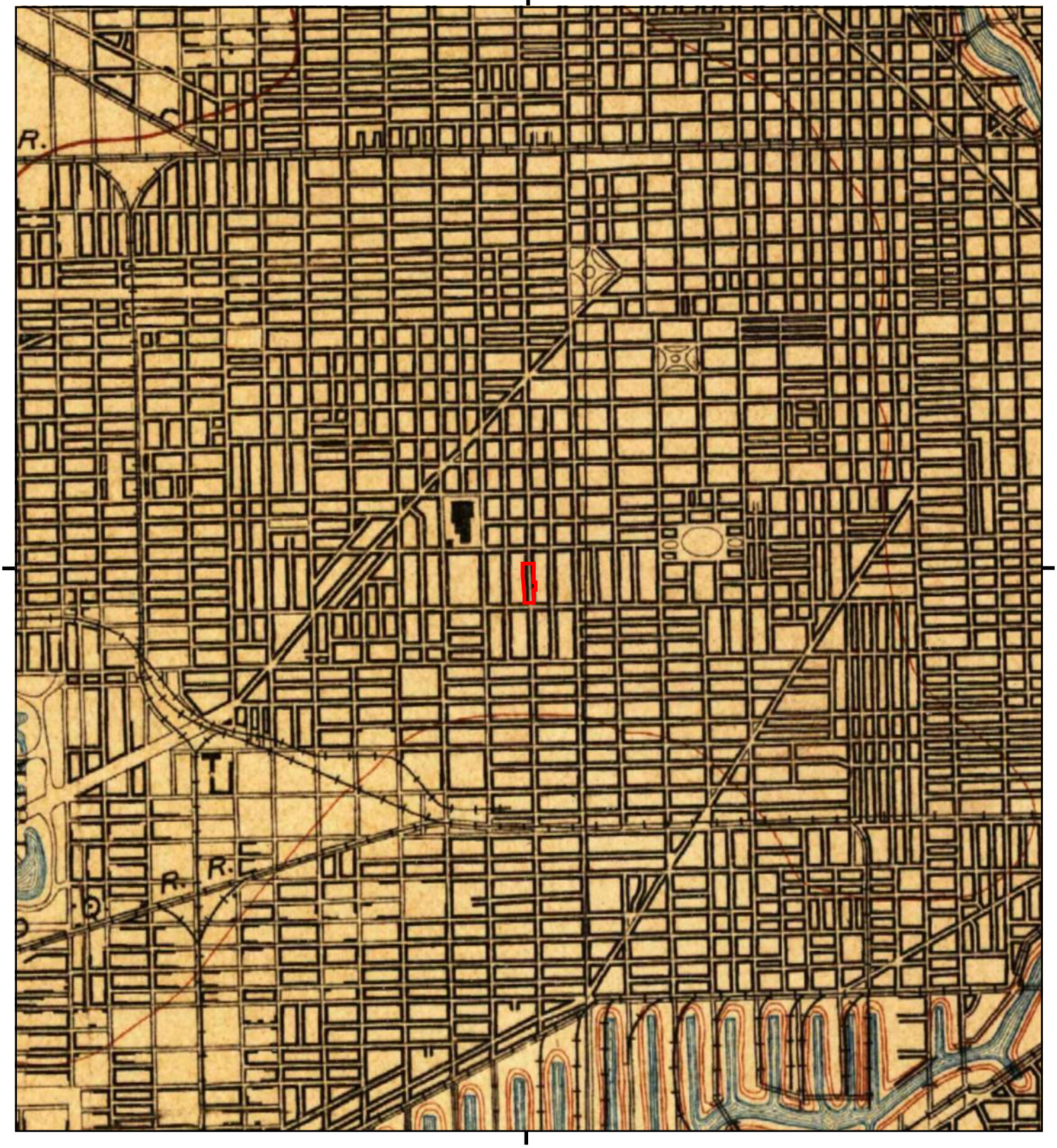
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Chicago, 1901, 15-minute

SITE NAME: UIC Drug Discovery Center
ADDRESS: 833 S. Wood Street
Chicago, IL 60612
CLIENT: GSG Consultants, Inc

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

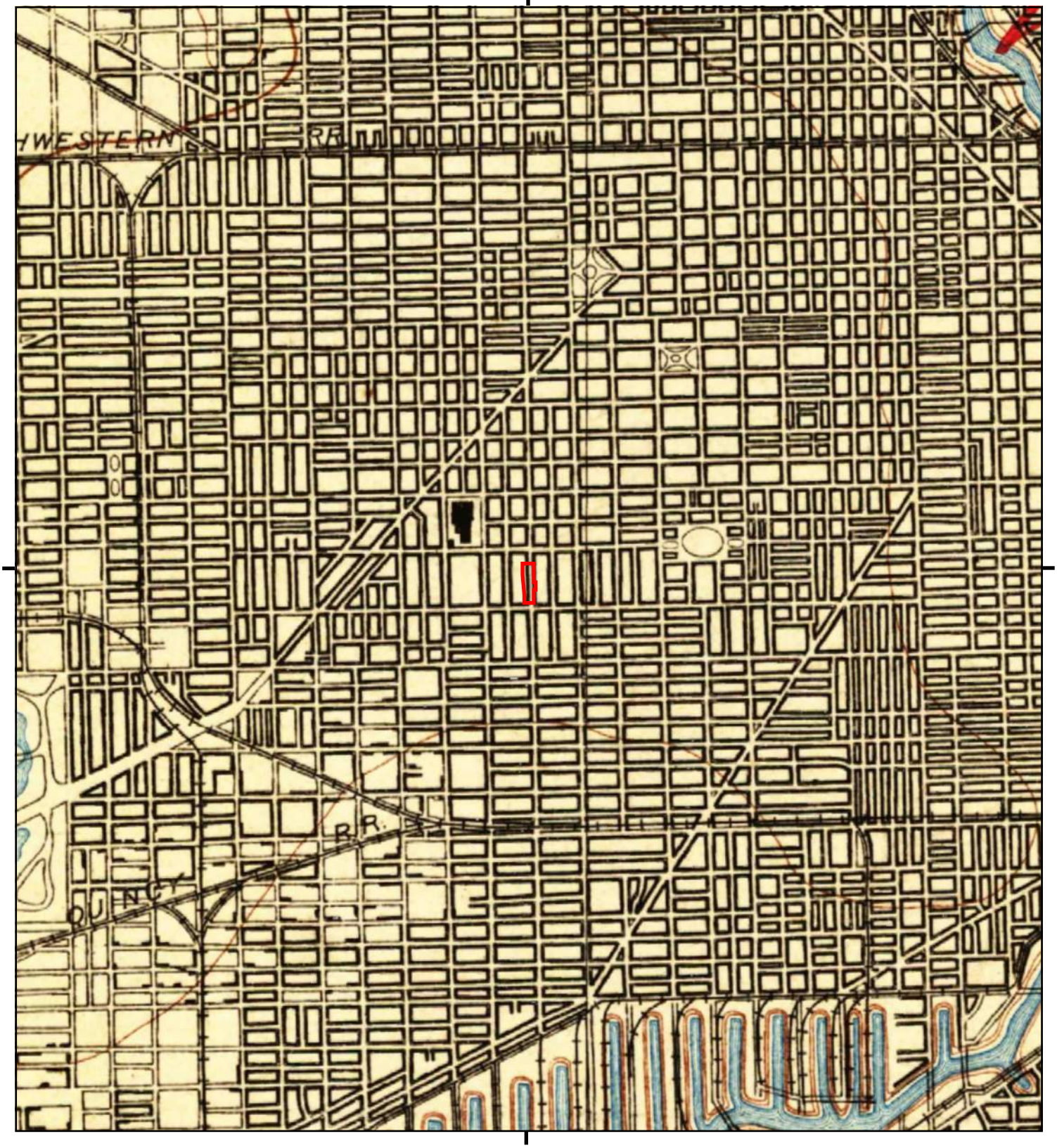
TP, Chicago, 1900, 15-minute

SITE NAME: UIC Drug Discovery Center
ADDRESS: 833 S. Wood Street
Chicago, IL 60612
CLIENT: GSG Consultants, Inc

N

Historical Topo Map

1891



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

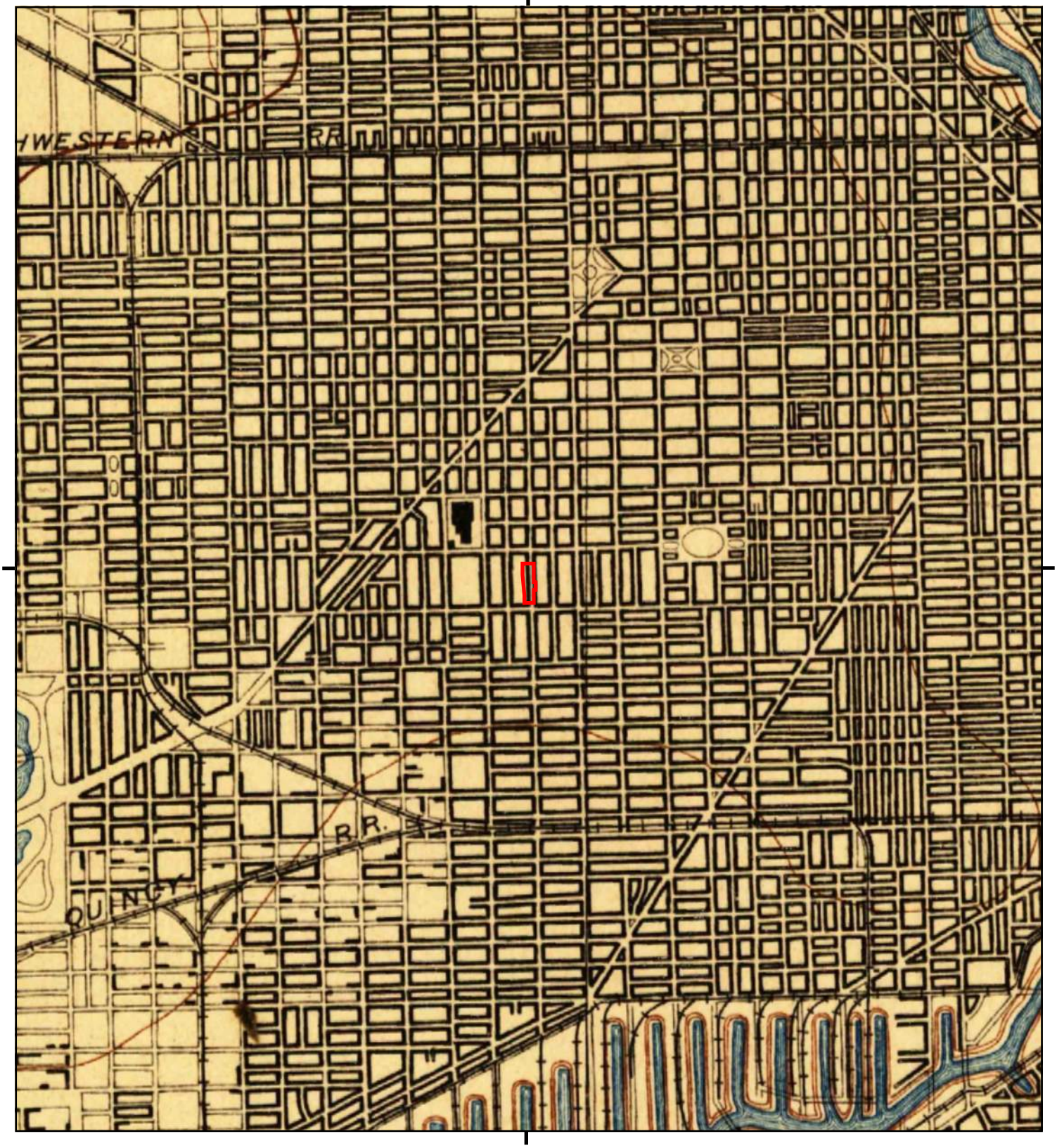
TP, Chicago, 1891, 15-minute

SITE NAME: UIC Drug Discovery Center
ADDRESS: 833 S. Wood Street
Chicago, IL 60612
CLIENT: GSG Consultants, Inc

N

Historical Topo Map

1889



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Chicago, 1889, 15-minute

SITE NAME: UIC Drug Discovery Center
ADDRESS: 833 S. Wood Street
Chicago, IL 60612
CLIENT: GSG Consultants, Inc

N

UIC Drug Discovery Center
833 S. Wood Street
Chicago, IL 60612

Inquiry Number: 8220050.3
January 12, 2026

Certified Sanborn® Map Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

01/12/26

Site Name:

UIC Drug Discovery Center
833 S. Wood Street
Chicago, IL 60612
EDR Inquiry # 8220050.3

Client Name:

GSG Consultants, Inc
623 Cooper Court
SCHAUMBURG, IL 60173
Contact: Michael Nuccio

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by GSG Consultants, Inc were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Certification # 59DF-4AE1-96F7

PO # 25-2103

Project UIC Drug Discovery Center

Maps Provided:

2004
1992
1991
1988
1975
1950
1917

Sanborn® Library search results

Certification #: 59DF-4AE1-96F7

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ☑ Library of Congress
- ☑ University Publications of America
- ☑ EDR Private Collection

The Sanborn Library LLC Since 1866™

Limited Permission To Make Copies

GSG Consultants, Inc (the client) is permitted to make up to FIVE photocopies of this Sanborn Map transmittal and each fire insurance map accompanying this report solely for the limited use of its customer. No one other than the client is authorized to make copies. Upon request made directly to an EDR Account Executive, the client may be permitted to make a limited number of additional photocopies. This permission is conditioned upon compliance by the client, its customer and their agents with EDR's copyright policy; a copy of which is available upon request.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, LLC. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. This Report is provided on an "AS IS", "AS AVAILABLE" basis. NO WARRANTY EXPRESS OR IMPLIED IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, LLC AND ITS SUBSIDIARIES, AFFILIATES AND THIRD PARTY SUPPLIERS DISCLAIM ALL WARRANTIES, OF ANY KIND OR NATURE, EXPRESS OR IMPLIED, ARISING OUT OF OR RELATED TO THIS REPORT OR ANY OF THE DATA AND INFORMATION PROVIDED IN THIS REPORT, INCLUDING WITHOUT LIMITATION, ANY WARRANTIES REGARDING ACCURACY, QUALITY, CORRECTNESS, COMPLETENESS, COMPREHENSIVENESS, SUITABILITY, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE, NON-INFRINGEMENT, MISAPPROPRIATION, OR OTHERWISE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, LLC OR ITS SUBSIDIARIES, AFFILIATES OR THIRD PARTY SUPPLIERS BE LIABLE TO ANYONE FOR ANY DIRECT, INCIDENTAL, INDIRECT, SPECIAL, CONSEQUENTIAL OR OTHER DAMAGES OF ANY TYPE OR KIND (INCLUDING BUT NOT LIMITED TO LOSS OF PROFITS, LOSS OF USE, OR LOSS OF DATA), ARISING OUT OF OR IN ANY WAY CONNECTED WITH THIS REPORT OR ANY OF THE DATA AND INFORMATION PROVIDED IN THIS REPORT. Any analyses, estimates, ratings, environmental risk levels, or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only an assessment performed by a qualified environmental professional can provide findings, opinions or conclusions regarding the environmental risk or conditions in, on or at any property.

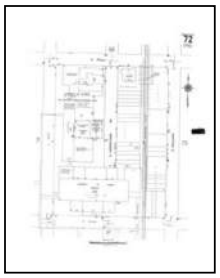
Copyright 2026 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

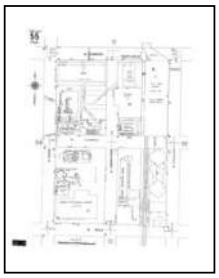
EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, LLC or its affiliates. All other trademarks used herein are the property of their respective owners.

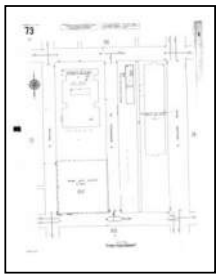
Sanborn Sheet Key

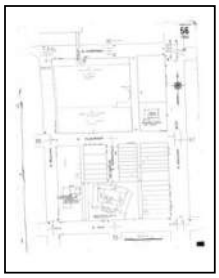
This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

2004 Source Sheets

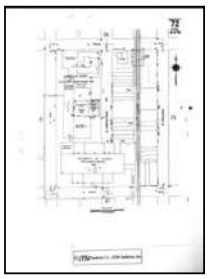

Volume 7, Sheet 72
2004

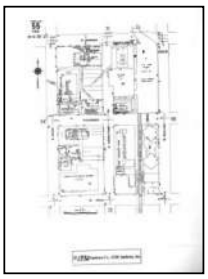

Volume 7, Sheet 55
2004

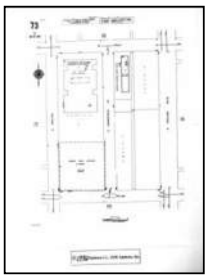

Volume 7, Sheet 73
2004

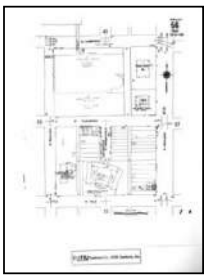

Volume 7, Sheet 56
2004

1992 Source Sheets


Volume 7, Sheet 72
1992

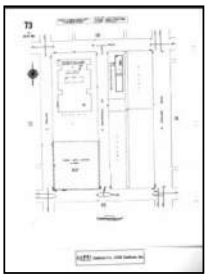

Volume 7, Sheet 55
1992

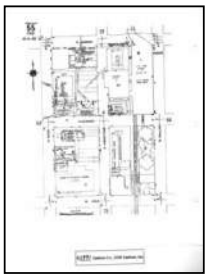

Volume 7, Sheet 73
1992

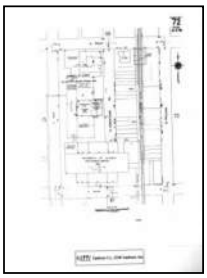

Volume 7, Sheet 56
1992

1991 Source Sheets

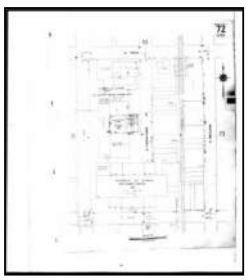

Volume 7, Sheet 56
1991

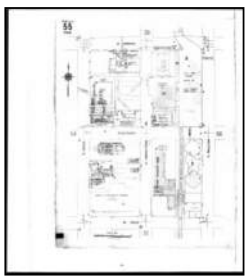

Volume 7, Sheet 73
1991

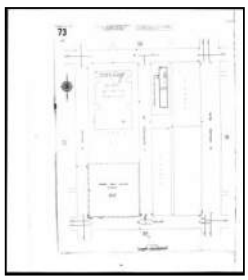

Volume 7, Sheet 55
1991

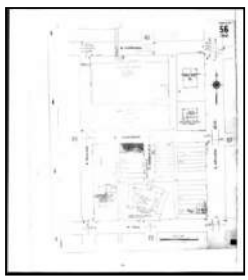

Volume 7, Sheet 72
1991

1988 Source Sheets


Volume 7, Sheet 72
1988


Volume 7, Sheet 55
1988

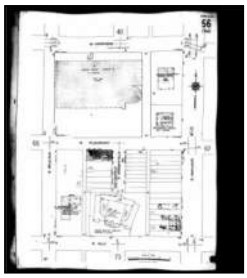

Volume 7, Sheet 73
1988


Volume 7, Sheet 56
1988

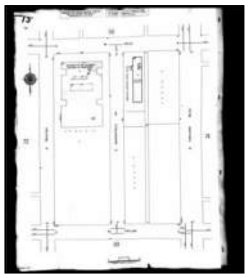
Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

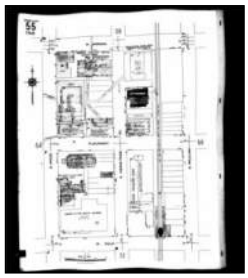
1975 Source Sheets



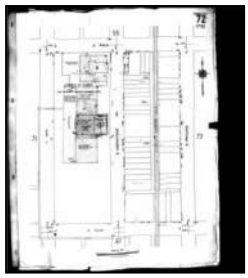
Volume 7, Sheet 56
1975



Volume 7, Sheet 73
1975

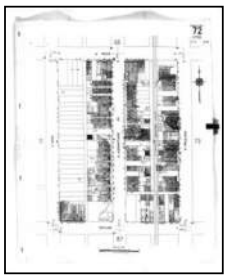


Volume 7, Sheet 55
1975

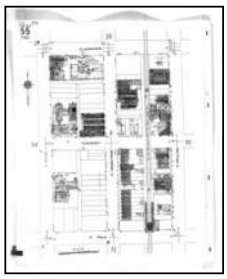


Volume 7, Sheet 72
1975

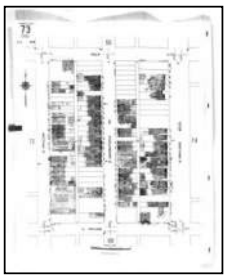
1950 Source Sheets



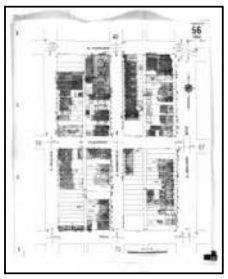
Volume 7, Sheet 72
1950



Volume 7, Sheet 55
1950

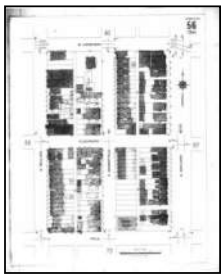


Volume 7, Sheet 73
1950

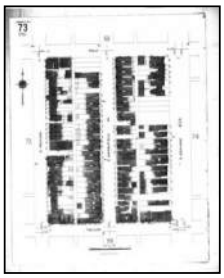


Volume 7, Sheet 56
1950

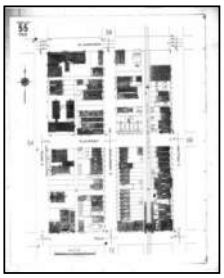
1917 Source Sheets



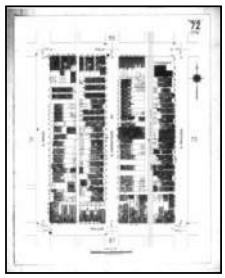
Volume 7, Sheet 56
1917



Volume 7, Sheet 73
1917



Volume 7, Sheet 55
1917

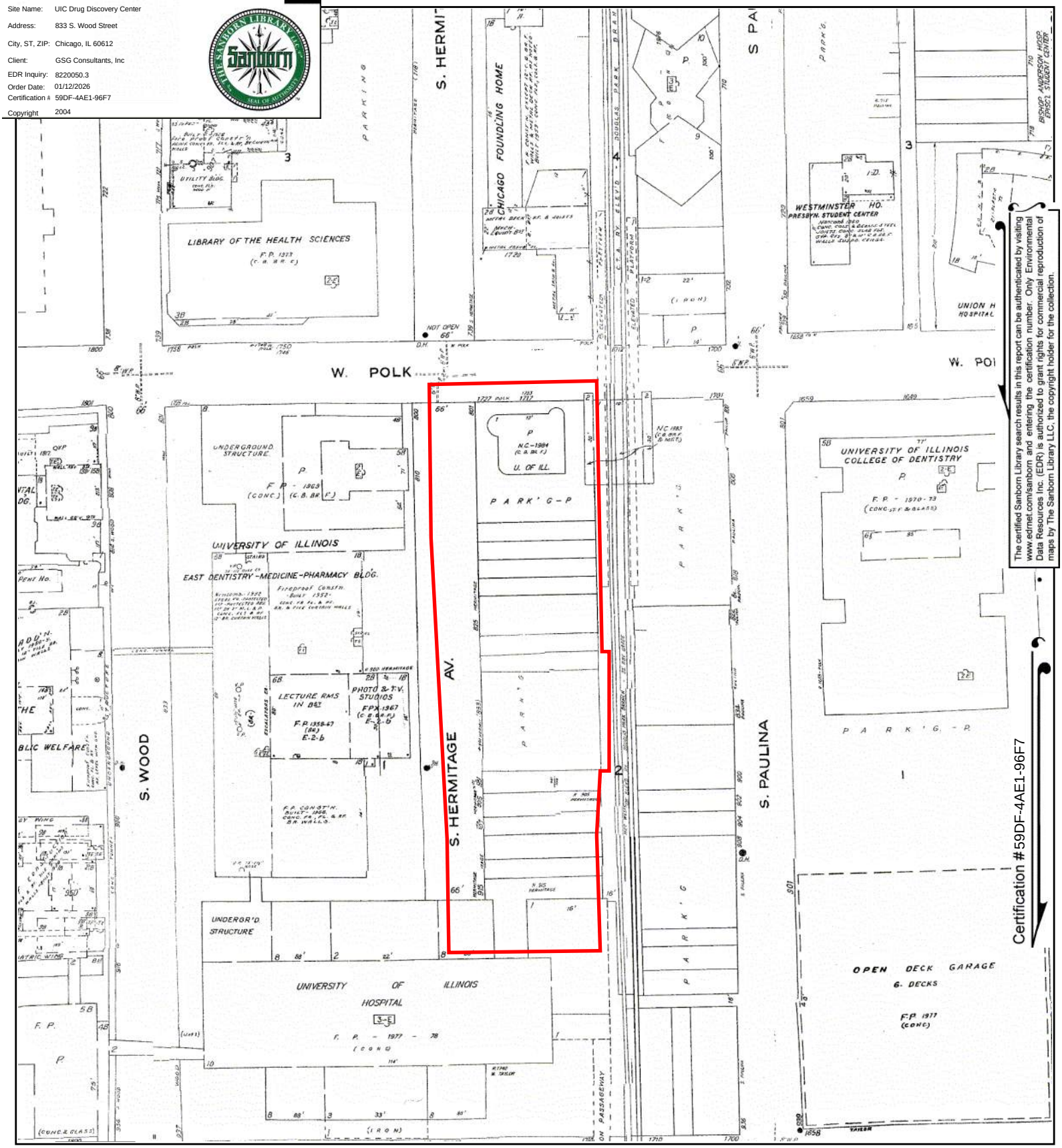


Volume 7, Sheet 72
1917

Certified Sanborn® Map

2004

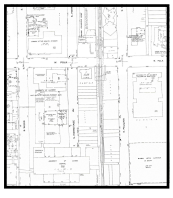
Site Name:	UIC Drug Discovery Center
Address:	833 S. Wood Street
City, ST, ZIP:	Chicago, IL 60612
Client:	GSG Consultants, Inc
EDR Inquiry:	8220050.3
Order Date:	01/12/2026
Certification #:	59DF-4AE1-96F7
Copyright	2004

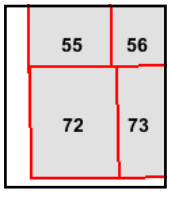


The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

0 Feet 150 300 600





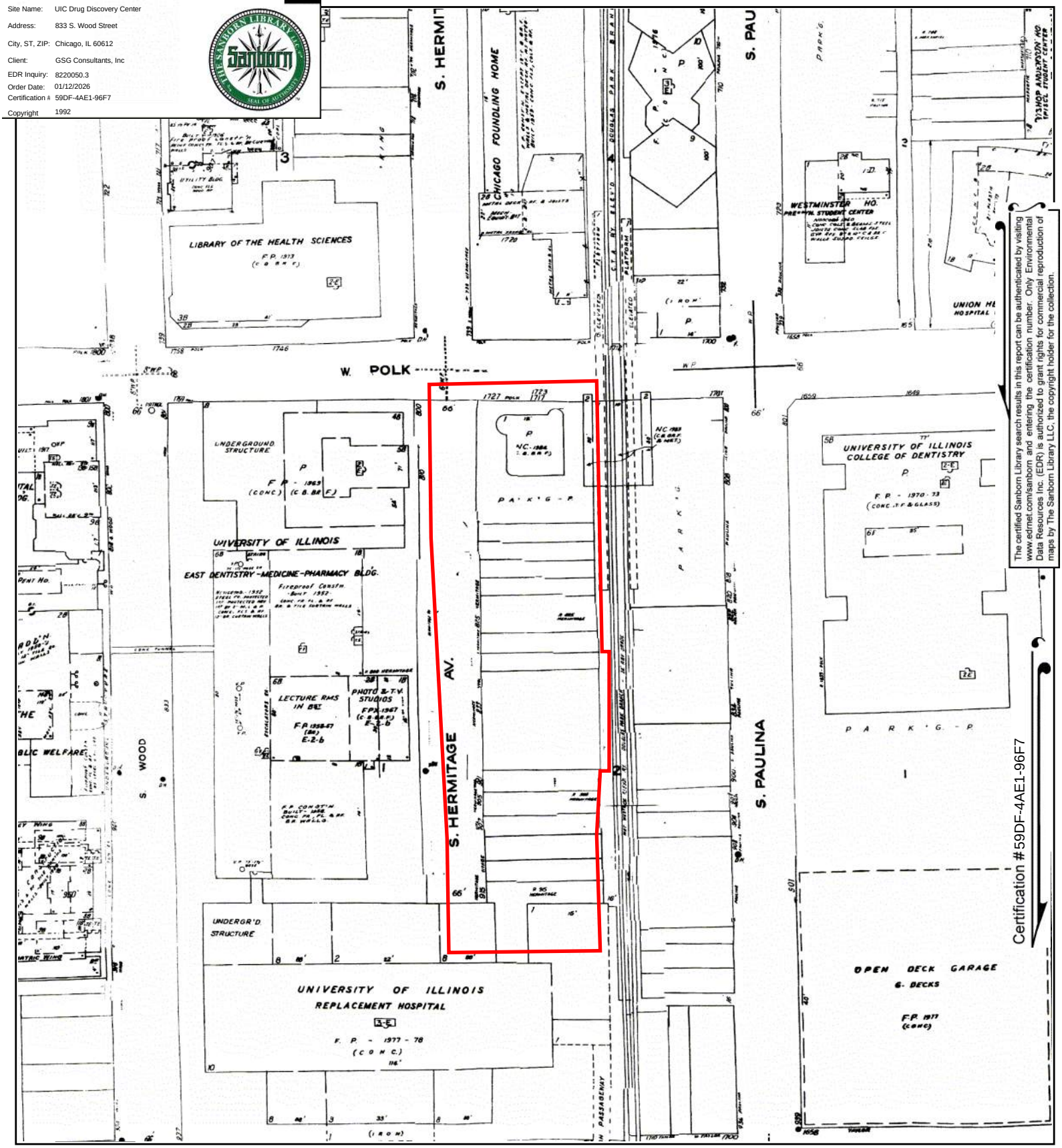
Volume 7, Sheet 56
Volume 7, Sheet 73
Volume 7, Sheet 55
Volume 7, Sheet 72

N

Certified Sanborn® Map

1992

Site Name: UIC Drug Discovery Center
Address: 833 S. Wood Street
City, ST, ZIP: Chicago, IL 60612
Client: GSG Consultants, Inc
EDR Inquiry: 8220050.3
Order Date: 01/12/2026
Certification #: 59DF-4AE1-96F7
Copyright 1992

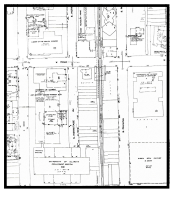


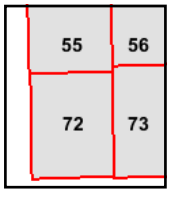
The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification #59DF-4AE1-96F7

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

0 Feet 150 300 600





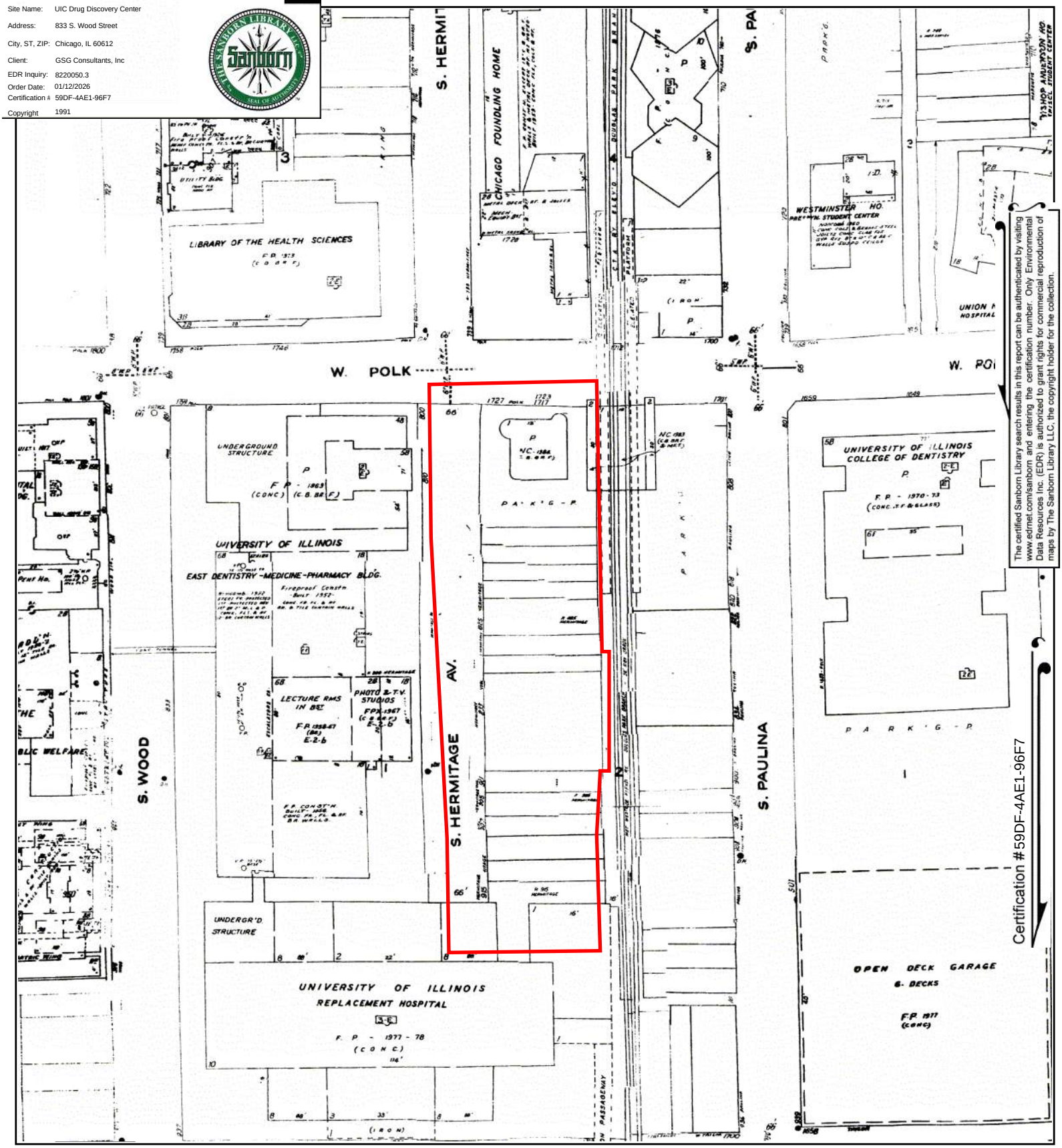
Volume 7, Sheet 56
Volume 7, Sheet 73
Volume 7, Sheet 55
Volume 7, Sheet 72

N

Certified Sanborn® Map

1991

Site Name:	UIC Drug Discovery Center
Address:	833 S. Wood Street
City, ST, ZIP:	Chicago, IL 60612
Client:	GSG Consultants, Inc
EDR Inquiry:	8220050.3
Order Date:	01/12/2026
Certification #	59DF-4AE1-96F7
Copyright	1991

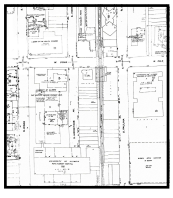


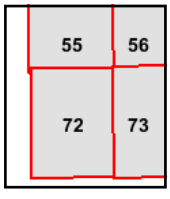
The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification #59DF-4AE1-96F7

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

0 Feet 150 300 600



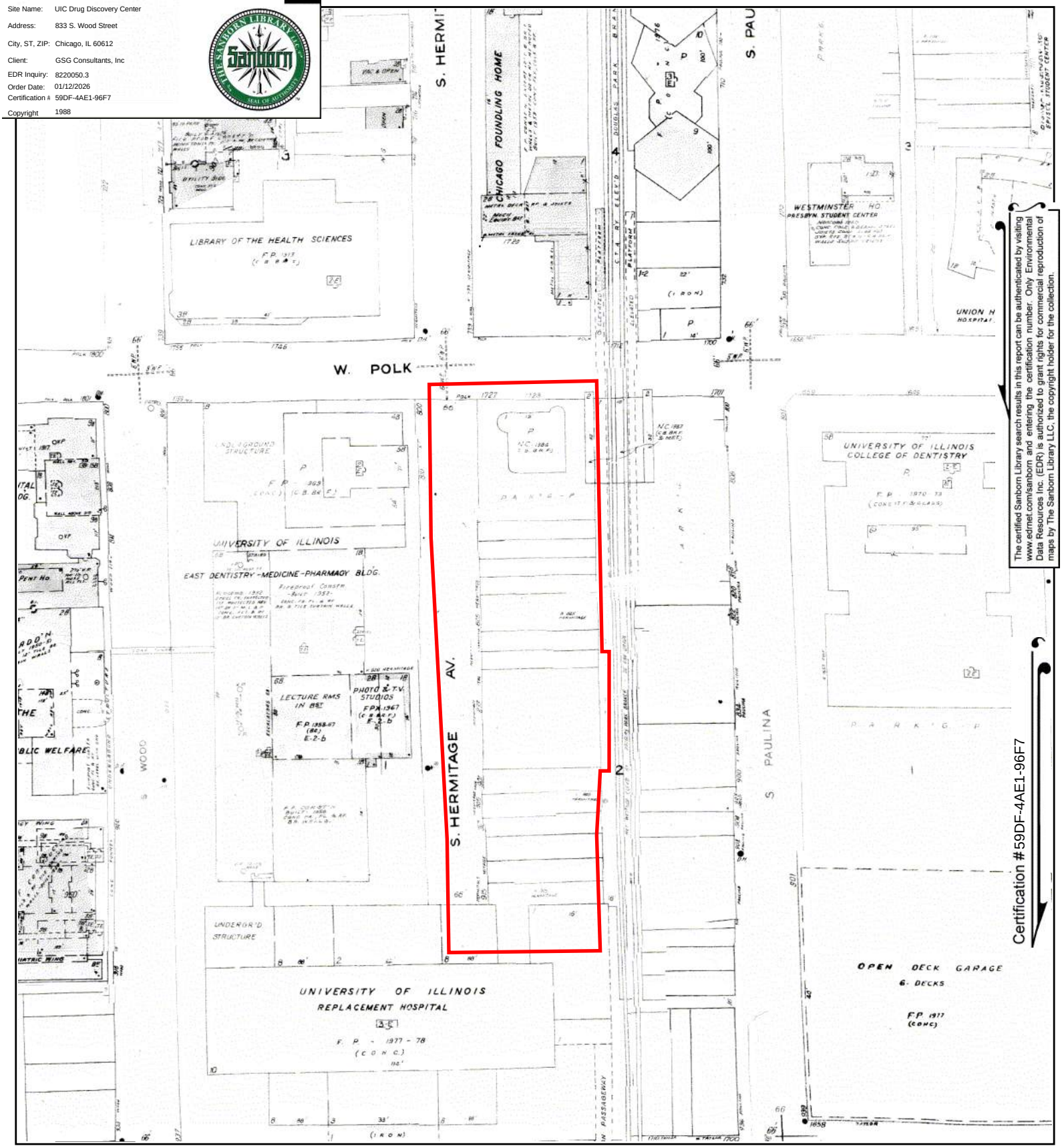


Volume 7, Sheet 72
Volume 7, Sheet 55
Volume 7, Sheet 73
Volume 7, Sheet 56

Certified Sanborn® Map

1988

Site Name:	UIC Drug Discovery Center
Address:	833 S. Wood Street
City, ST, ZIP:	Chicago, IL 60612
Client:	GSG Consultants, Inc
EDR Inquiry:	8220050.3
Order Date:	01/12/2026
Certification #	59DF-4AE1-96F7
Copyright	1988



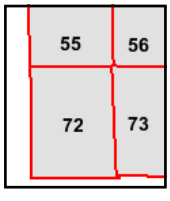
The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification #59DF-4AE1-96F7

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

0 Feet 150 300 600





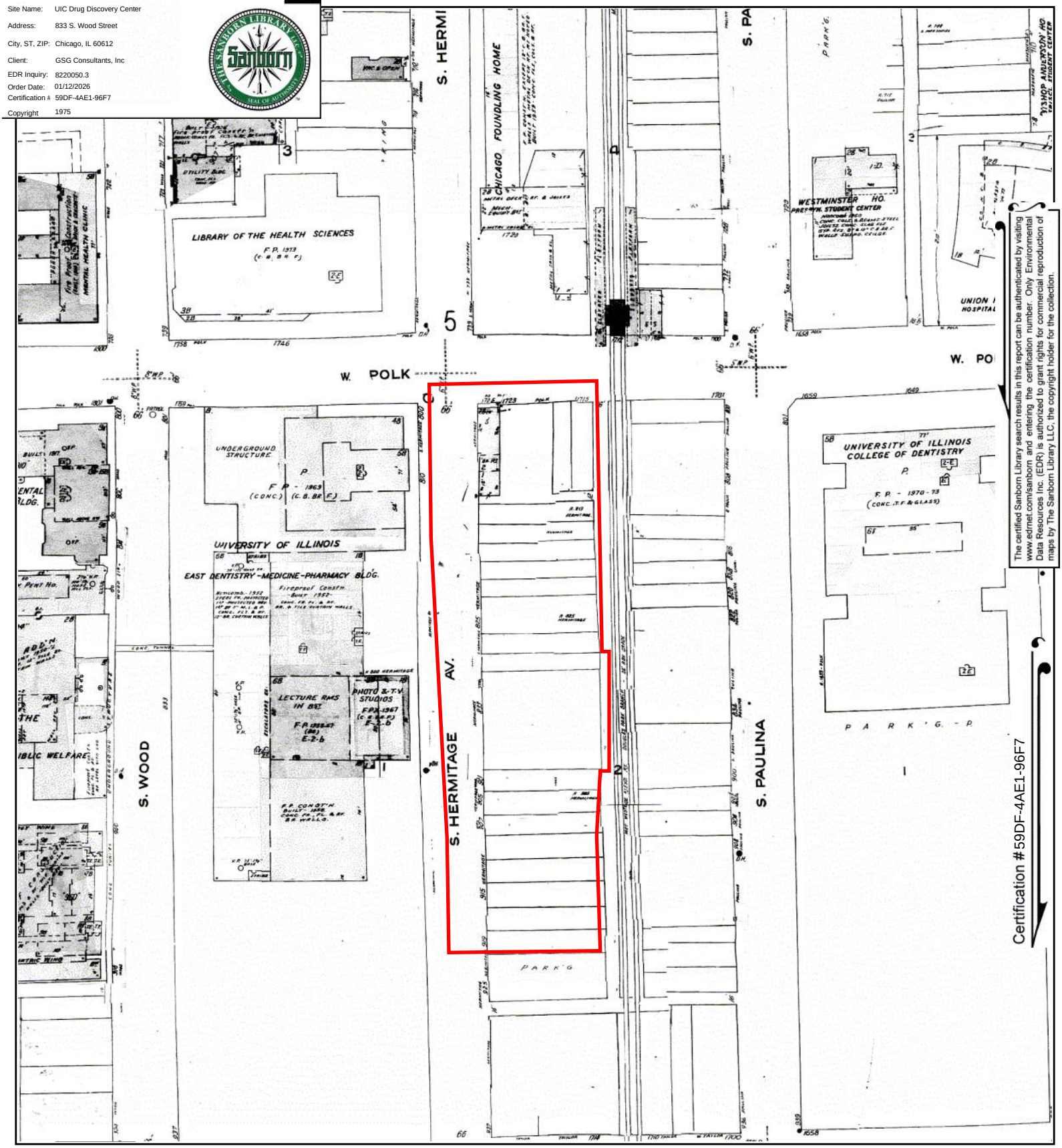
Volume 7, Sheet 56
Volume 7, Sheet 73
Volume 7, Sheet 55
Volume 7, Sheet 72

N

Certified Sanborn® Map

1975

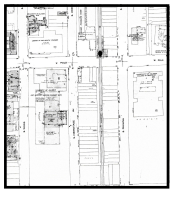
Site Name:	UIC Drug Discovery Center
Address:	833 S. Wood Street
City, ST, ZIP:	Chicago, IL 60612
Client:	GSG Consultants, Inc
EDR Inquiry:	8220050.3
Order Date:	01/12/2026
Certification #:	59DF-4AE1-96F7
Copyright	1975

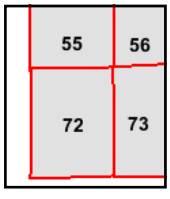


The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

0 Feet 150 300 600



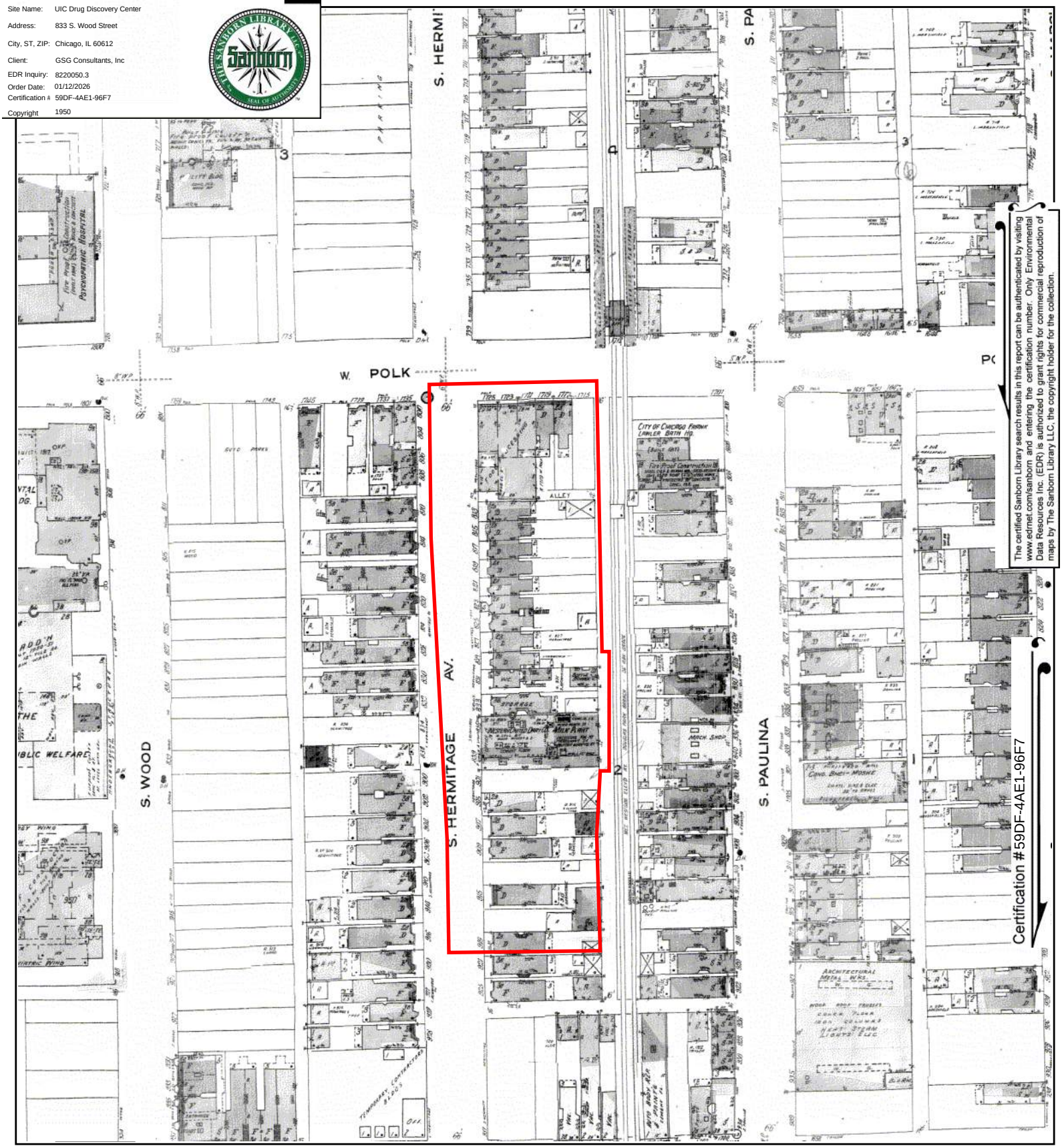


Volume 7, Sheet 72
Volume 7, Sheet 55
Volume 7, Sheet 73
Volume 7, Sheet 56

Certified Sanborn® Map

1950

Site Name:	UIC Drug Discovery Center
Address:	833 S. Wood Street
City, ST, ZIP:	Chicago, IL 60612
Client:	GSG Consultants, Inc
EDR Inquiry:	8220050.3
Order Date:	01/12/2026
Certification #	59DF-4AE1-96F7
Copyright	1950

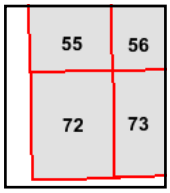


The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

0 Feet 150 300 600





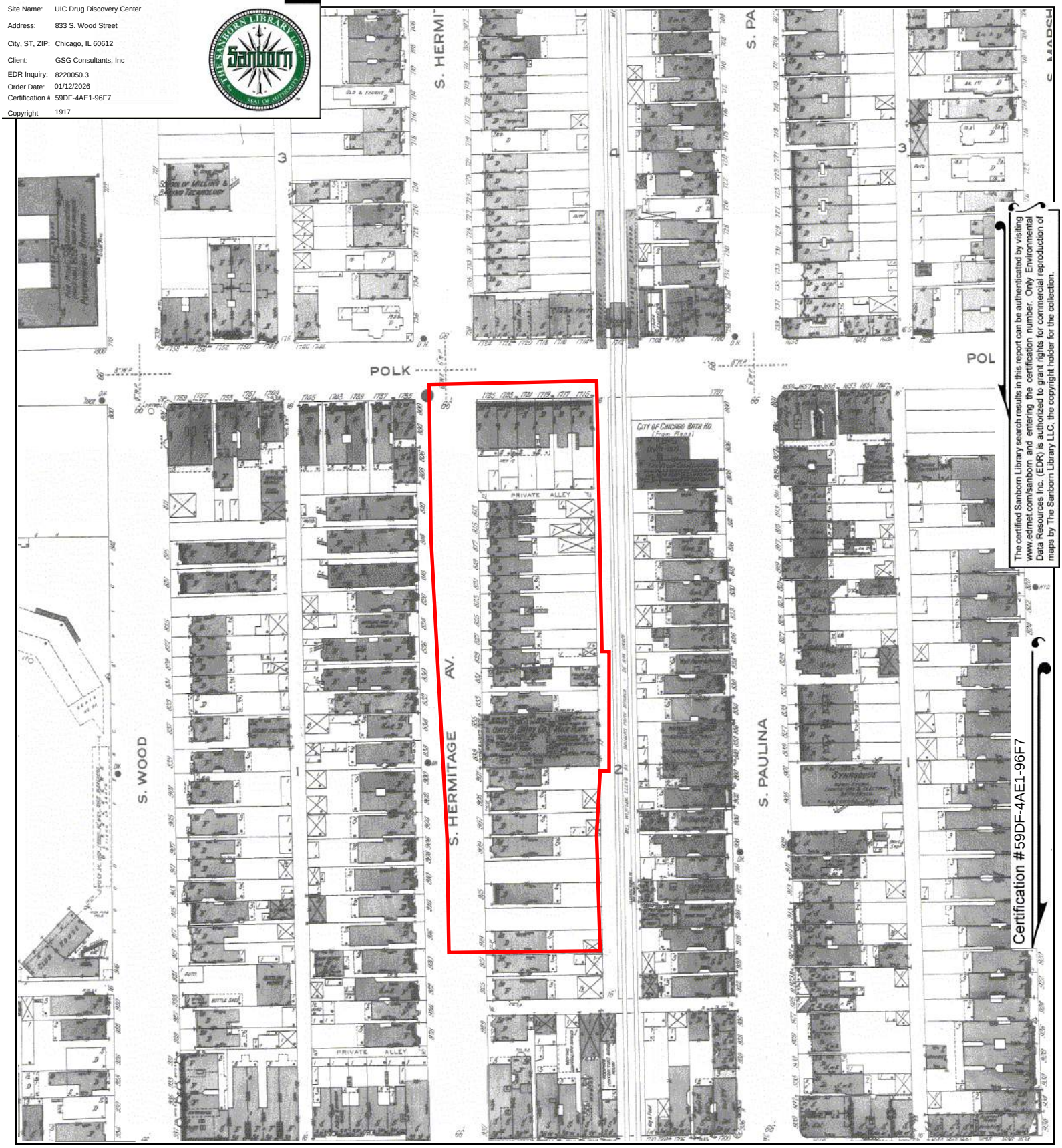
Volume 7, Sheet 56
Volume 7, Sheet 73
Volume 7, Sheet 55
Volume 7, Sheet 72

N

Certified Sanborn® Map

1917

Site Name:	UIC Drug Discovery Center
Address:	833 S. Wood Street
City, ST, ZIP:	Chicago, IL 60612
Client:	GSG Consultants, Inc
EDR Inquiry:	8220050.3
Order Date:	01/12/2026
Certification #	59DF-4AE1-96F7
Copyright	1917



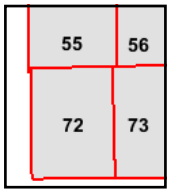
The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification #59DF-4AE1-96F7

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

0 Feet 150 300 600





Volume 7, Sheet 72
Volume 7, Sheet 55
Volume 7, Sheet 73
Volume 7, Sheet 56

N

UIC Drug Discovery Center
833 S. Wood Street
Chicago, IL 60612

Inquiry Number: 8220050.5
January 12, 2026

The EDR-City Directory Abstract

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

City Directory Images

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, LLC. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. This Report is provided on an "AS IS", "AS AVAILABLE" basis. **NO WARRANTY EXPRESS OR IMPLIED IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, LLC AND ITS SUBSIDIARIES, AFFILIATES AND THIRD PARTY SUPPLIERS DISCLAIM ALL WARRANTIES, OF ANY KIND OR NATURE, EXPRESS OR IMPLIED, ARISING OUT OF OR RELATED TO THIS REPORT OR ANY OF THE DATA AND INFORMATION PROVIDED IN THIS REPORT, INCLUDING WITHOUT LIMITATION, ANY WARRANTIES REGARDING ACCURACY, QUALITY, CORRECTNESS, COMPLETENESS, COMPREHENSIVENESS, SUITABILITY, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE, NON-INFRINGEMENT, MISAPPROPRIATION, OR OTHERWISE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, LLC OR ITS SUBSIDIARIES, AFFILIATES OR THIRD PARTY SUPPLIERS BE LIABLE TO ANYONE FOR ANY DIRECT, INCIDENTAL, INDIRECT, SPECIAL, CONSEQUENTIAL OR OTHER DAMAGES OF ANY TYPE OR KIND (INCLUDING BUT NOT LIMITED TO LOSS OF PROFITS, LOSS OF USE, OR LOSS OF DATA), ARISING OUT OF OR IN ANY WAY CONNECTED WITH THIS REPORT OR ANY OF THE DATA AND INFORMATION PROVIDED IN THIS REPORT.** Any analyses, estimates, ratings, environmental risk levels, or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only an assessment performed by a qualified environmental professional can provide findings, opinions or conclusions regarding the environmental risk or conditions in, on or at any property.

Copyright 2023 by Environmental Data Resources, LLC. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, LLC, or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, LLC or its affiliates. All other trademarks used herein are the property of their respective owners.

EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at approximately five year intervals.

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1923 through current. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 200 feet of the target property.

Summary information obtained is provided in the text of this report.

RECORD SOURCES

The EDR City Directory Report accesses a variety of business directory sources, including Haines, InfoUSA, Polk, Cole, Bresser, and Stewart. Listings marked as EDR Digital Archive access Cole and InfoUSA records. The various directory sources enhance and complement each other to provide a more thorough and accurate report.

EDR is licensed to reproduce certain City Directory works by the copyright holders of those works. The purchaser of this EDR City Directory Report may include it in report(s) delivered to a customer.

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

Year	Source	TP	Adjoining	Text Abstract	Source Image
2022	Cole Information	X	X	X	-
2020	EDR Digital Archive	-	-	-	-
2017	Cole Information	-	X	X	-
2014	Cole Information	-	X	X	-
2010	Cole Information	X	X	X	-
2005	Cole Information	X	X	X	-
	Haines Company Inc.	X	X	X	-
2000	Cole Information	-	X	X	-
1999	Haines Company	-	-	-	-
1995	Cole Information	X	X	X	-
1993	Illinois Bell	-	-	-	-
1992	Cole Information	X	X	X	-
1986	Illinois Bell Telephone	X	X	X	-
1981	Reuben H. Donnelley Telephone	X	X	X	-
1976	Illinois Bell Telephone	-	X	X	-

EXECUTIVE SUMMARY

Year	Source	TP	Adjoining	Text Abstract	Source Image
1971	The Reuben H. Donnelley Corporation Telephone	-	X	X	-
1966	The Reuben H. Donnelley Telephone Directory Company	X	X	X	-
1961	Illinois Bell Telephone	X	X	X	-
1957	Illinois Bell Telephone	X	X	X	-
1951	Illinois Bell Telephone	-	X	X	-
1949	Illinois Bell Telephone	-	-	-	-
1947	Illinois Bell Telephone	-	X	X	-
1941	The Reuben H. Donelley Corporation	-	X	X	-
1932	Illinois Bell Telephone	-	-	-	-
1931	Illinois Bell Telephone	X	X	X	-
1928	R. L. Polk & Co.	X	X	X	-
1923	R. L. Polk & Co.	X	X	X	-

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

833 S. Wood Street
Chicago, IL 60612

FINDINGS DETAIL

Target Property research detail.

S WOOD ST

833 S WOOD ST

Year	*Uses*	*Source*
2022	APHA ASP	Cole Information
	APHA ASP UIC	Cole Information
	BORJAN JOVAN	Cole Information
	BRAD MERRILL	Cole Information
	IVY HSIEH	Cole Information
	MARK JAO	Cole Information
	MICHAEL J GANNON	Cole Information
	ROBERT DIDOMENICO	Cole Information
	TOMPKINS DANIELLE	Cole Information
	UNIVERSITY OF ILLINOIS	Cole Information
	UNIVERSITY OF ILLINOIS - CHICAGO	Cole Information
	UNIVERSITY OF ILLINOIS AT CHICAGO COLLEGE OF PHARMACY	Cole Information
2010	AUGUST CONTRACTORS	Cole Information
2005	JAMES GRAHAM	Cole Information
	UNIVERSITY IL CHICAGO COLLEGE PHARMA	Cole Information
	XIAOGUANG XU	Cole Information
1995	LIU, CHUAN	Cole Information
1992	O C S CONSTRUCTION	Cole Information

FINDINGS

WOOD

833 WOOD

Year	Uses	Source
1986	LEXTEK INC	Illinois Bell Telephone
1981	Business Affairs Ofc	Reuben H. Donnelley Telephone
	Pharmacy College Of	Reuben H. Donnelley Telephone
1966	MEDICAL CENTER CAMPUS RESEARCH & EDUCATIONAL HOSPS	The Reuben H. Donnelley Telephone Directory Company
1961	UNIVERSITY OF ILLINOIS CHGO UNDERGRADUATE DIV ADMIN & DEAN S OFS NAVY PIER	Illinois Bell Telephone
1957	UNIVERSITY OF ILLINOIS CHGO UNDERGRADUATE DIV	Illinois Bell Telephone
1931	DAVIS Chas r	Illinois Bell Telephone
1923	Rosen Harry bagmkr	R. L. Polk & Co.
	Zsitz Jacob lab	R. L. Polk & Co.
	Zsitz Phillip driver	R. L. Polk & Co.

WOOD ST

833 WOOD ST

Year	Uses	Source
2005	XO XX	Haines Company Inc.
1928	Clinkscales Frank Susan	R. L. Polk & Co.
	McFadden Otha Laura	R. L. Polk & Co.

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

POLK ST

1787 POLK ST

Year	Uses	Source
1923	FIORE Jas ship elk Robt O Law Co	R. L. Polk & Co.

1812 POLK ST

Year	Uses	Source
1923	ADLER H M tchr Univ of Ill	R. L. Polk & Co.

S WOOD ST

808 S WOOD ST

Year	Uses	Source
2022	AARON M DWORIN MD	Cole Information
	JACOB W CHARNY MD	Cole Information
	JANET Y LIN MD	Cole Information
	VIJAY YELDANDI	Cole Information
	MARK LEO MACKEY MD	Cole Information
	TREVONNE M THOMPSON	Cole Information
	UIC	Cole Information
	RUSH UNIVERSITY MEDICAL CENTER	Cole Information
	RICHARD M NOVAK MD	Cole Information
	PROFESSIONAL GROUP	Cole Information
	UNIVERSITY OF ILLINOIS DEPARTMENT OF PHARMACOLOGY	Cole Information
	FOUNDATION FOR THE EDUCATION	Cole Information
	IRIS K ARONSON MD	Cole Information
	VINAY K MIKKILINENI	Cole Information
	SUSAN C BLEASDALE MD	Cole Information
	CARLOTTA JEAN HILL MD	Cole Information
	MAXIMO O BRITO MD	Cole Information

FINDINGS

Year	Uses	Source
2022	STACEY CHAMBERLAIN	Cole Information
	LMSA	Cole Information
	UNIVERSITY ILL ALUMNI ASSOCIATION	Cole Information
	ELSPETH K PEARCE MD	Cole Information
	ST. ANTHONY MEMORIAL	Cole Information
	AU JEREMIAH MD	Cole Information
	ADRIAN D REED MD	Cole Information
	URBAN HEALTH PROGRAM	Cole Information
	MICHELLE A BENE BAIN MD	Cole Information
	AHMAD HASSAN	Cole Information
	PERD CENTRE	Cole Information
	ADRIAN REED	Cole Information
	ALEXANDER LYUBIMOV	Cole Information
	SUSAN BLEASDALE	Cole Information
	MARK MACKEY	Cole Information
	STACEY CHAMBERLAIN	Cole Information
	AHMAD HASSAN	Cole Information
	TREVONNE THOMPSON	Cole Information
	VIJAY YELDANDI	Cole Information
	NEIL BAHROOS	Cole Information
	MICHELLE BAIN	Cole Information
	PHIL DE CHAVEZ	Cole Information
	ELSPETH PEARCE	Cole Information
	REZA ZARIFFARD	Cole Information
	JACOB CHARNY	Cole Information
	AARON DWORIN	Cole Information
	ROXANNA HUNSLEY	Cole Information
	VINAY MIKKILINENI	Cole Information
	JAMILA RASHID	Cole Information
	E SLOAN	Cole Information
	IRIS ARONSON	Cole Information
	MAXIMO BRITO	Cole Information

FINDINGS

Year	Uses	Source
2022	CARLOTTA HILL	Cole Information
	JACOB KOSHY	Cole Information
	JANET LIN	Cole Information
	RICHARD NOVAK	Cole Information
2014	FERNE	Cole Information
	RHEA BEGEMAN	Cole Information
2010	CHAN LAWRENCE SI MD	Cole Information
	KITAZONO HIDETAKA MD	Cole Information
	URBAN HEALTH PROGRAM	Cole Information
	UNIVERSITY ILLINOIS	Cole Information
	UNIVERSITY OF ILLINOIS	Cole Information
	JARRETT OLAMIDE D MD	Cole Information
	LIN JANET Y MD	Cole Information
	FOUNDATION FOR THE EDUCATION	Cole Information
	HERNANDEZ CLAUDIA MD	Cole Information
	UNIVERSITY IL AT CHICAGO HOSP	Cole Information
	UNIVERSITY OF IL AT CHICAGO	Cole Information
	DAVIS TERESA E MD	Cole Information
	BENEBAIN MICHELLE A MD	Cole Information
	BRAUN MARK A MD	Cole Information
	CLARK NINA MARIE MD	Cole Information
	UY JONATHAN P MD	Cole Information
2005	MAHA AHMAD	Cole Information
1995	BRIAN COOK MD	Cole Information
	THOMAS PAUL A MD	Cole Information
1992	SILVERMAN NORMAN MD	Cole Information

820 S WOOD ST

Year	Uses	Source
2022	ALEXIS BRAVERMAN MD	Cole Information
	MEGAN E APP MD	Cole Information
	LAWRENCE ST ROSS MD	Cole Information
	DAVID T GREENWALD MD	Cole Information

FINDINGS

Year	Uses	Source
2022	SARANG B THAKER MD	Cole Information
	LAUREL A SOFER MD	Cole Information
	ISABELLE A WILKINS MD	Cole Information
	NANDINI DATTA MD	Cole Information
	JUDITH USHE HIBBARD MD	Cole Information
	PROFESSIONAL GROUP	Cole Information
	MONICA P WENTWORTH	Cole Information
	HUMBERTO SCOCCIA MD	Cole Information
	RUSH UNIVERSITY MEDICAL CENTER	Cole Information
	RASHMI V BARAGI MD	Cole Information
	ALEXIS M CHESROW MD	Cole Information
	KENYA R THOMAS MD	Cole Information
	MUHAMMED A KHAN MD	Cole Information
	CHANNING A BURKS MD	Cole Information
	UNIVERSITY-IL COLLEGE OF MEDICAL	Cole Information
	ZAHRAA HAJJIRI	Cole Information
	TAMIKA A ALEXANDER MD	Cole Information
	UNIVERSITY OF IL PLASTIC SURG	Cole Information
	GELILA K GOBA	Cole Information
	RICHARD E LEACH MD	Cole Information
	SANMEET SINGH MD	Cole Information
	DANIEL M MOREIRA	Cole Information
	KALYANI PERUMAL MD	Cole Information
	GLORIA L ELAM MD	Cole Information
	RAJUL G KOTHARI	Cole Information
	ROSHAN PATEL	Cole Information
	LALA MONA MD	Cole Information
	NATALIA O LITBARG	Cole Information
	MATTHEW RANZER	Cole Information
	FRANK GONZALEZ MD	Cole Information
	JENNIFER L ENNIS	Cole Information
	ERICA KAITLIN HINZ	Cole Information

FINDINGS

Year	Uses	Source
2022	UNIVERSITY-IL UROLOGY	Cole Information
	TARUN JAIN MD	Cole Information
	KRISTIN SHERMAN	Cole Information
	LAURENCE I BURD MD	Cole Information
	ANNA C PORTER MD	Cole Information
	VICTOR R GORDEUK MD	Cole Information
	RABEEA K CHOUDHARY	Cole Information
	LORAINE K ENDRES MD	Cole Information
	DR CLAUDIA MERCEDES LORA MD	Cole Information
	APARNA RAMANATHAN	Cole Information
	GARY LISTON LOY MD	Cole Information
	MICAELA DELLA TORRE	Cole Information
	ABIGAIL R LITWILLER MD	Cole Information
	CHICAGO COLLEGE OF MEDICINE	Cole Information
	STEWART B LIPSON MD	Cole Information
	LAURA C BEAMER	Cole Information
	MEREDITH O CRUZ MD	Cole Information
	BRYNA J HARWOOD MD	Cole Information
	JOSHI AMIT MD	Cole Information
	LOREN JONES MD	Cole Information
	DEANNA J HOWARD MD	Cole Information
	OWAIS S ABDUL-KAFI MD	Cole Information
	DAVID E MORRIS MD	Cole Information
	YVONNE CATH COLLINS MD	Cole Information
	AYMAN AL-HENDY MD	Cole Information
	CRAIG S NIEDERBERGER MD	Cole Information
	LESLIE A DEANE MD	Cole Information
	SHARMILEE M NYENHUIS MD	Cole Information
	NITA K LEE MD	Cole Information
	JOSE ANTONIO L ARRUDA MD	Cole Information
	DANIEL F GARVEY	Cole Information
	NICHOLAS ZWANG MD	Cole Information

FINDINGS

Year	Uses	Source
2022	COHEN MIMIS MD	Cole Information
	LAURIE BACHRACH MD	Cole Information
	ALLISON A COWETT MD	Cole Information
	MICHAEL R ABERN MD	Cole Information
	ERIN CAVANAUGH	Cole Information
	JULIE VU	Cole Information
	TRACY E IRWIN MD	Cole Information
	ANDREA D KEMP MD	Cole Information
	KARA T BOS	Cole Information
	ROBERT M MOORE MD	Cole Information
	STEPHEN THE LIETZ MD	Cole Information
	CATHERINE E FORD MD MPH	Cole Information
	CATHERINE N WHEATLEY MD	Cole Information
	JENNIFER LAYDEN MD	Cole Information
	WILLIAM HENRY KOBAK MD	Cole Information
	SHERRY K NORDSTROM MD	Cole Information
	STEPHANIE E HARRIS MD	Cole Information
	RANA ROSE ABRAHAM	Cole Information
	KARA T BOS	Cole Information
	LAURENCE BURD	Cole Information
	RABEEA CHOUDHARY	Cole Information
	LORAINE ENDRES	Cole Information
	JENNIFER ENNIS	Cole Information
	GELILA GOBA	Cole Information
	LOREN JONES	Cole Information
	MIKE LEWIS	Cole Information
	CRAIG NIEDERBERGER	Cole Information
	CATHERINE WHEATLEY	Cole Information
	NICHOLAS ZWANG	Cole Information
	JOSE ARRUDA	Cole Information
	ALEXIS BRAVERMAN	Cole Information
	ERIN CAVANAUGH	Cole Information

FINDINGS

Year	*Uses*	*Source*
2022	MIMIS COHEN	Cole Information
	LESLIE DEANE	Cole Information
	BRYNA J HARWOOD	Cole Information
	DEANNA HOWARD	Cole Information
	AMIT JOSHI	Cole Information
	WILLIAM KOBAK	Cole Information
	ABIGAIL LITWILLER	Cole Information
	SHARMILEE NYENHUIS	Cole Information
	JULIE VU	Cole Information
	OWAIS ABDUL-KAFI	Cole Information
	LAURA BEAMER	Cole Information
	FRANK GONZALEZ	Cole Information
	DAVID GREENWALD	Cole Information
	JENNIFER LAYDEN	Cole Information
	NATALIA LITBARG	Cole Information
	SINGH SANMEET	Cole Information
	CHANNING BURKS	Cole Information
	ALLISON COWETT	Cole Information
	NANDINI DATTA	Cole Information
	CATHERINE E FORD	Cole Information
	VICTOR GORDEUK	Cole Information
	ZAHRAA HAJJIRI	Cole Information
	NITA LEE	Cole Information
	STEPHEN LIETZ	Cole Information
	GARY LOY	Cole Information
	SHERRY NORDSTROM	Cole Information
	ANNA PORTER	Cole Information
	APARNA RAMANATHAN	Cole Information
	MICAELA TORRE	Cole Information
	TAMIKA A ALEXANDER	Cole Information
	STEPHANIE HARRIS	Cole Information
	ANITA HOUTSMA	Cole Information

FINDINGS

Year	*Uses*	*Source*
2022	TARUN JAIN	Cole Information
	RICHARD LEACH	Cole Information
	ROBERT MOORE	Cole Information
	MARY MOUW	Cole Information
	HUMBERTO SCOCCIA	Cole Information
	LAUREL SOFER	Cole Information
	JUDITH USHE HIBBARD	Cole Information
	MONICA P WENTWORTH	Cole Information
	MEGAN APP	Cole Information
	RAJUL KOTHARI	Cole Information
	STEWART LIPSON	Cole Information
	ROSHAN PATEL	Cole Information
	MATTHEW RANZER	Cole Information
	SARANG THAKER	Cole Information
	MICHAEL ABERN	Cole Information
	LAURIE BACHRACH	Cole Information
	RASHMI BARAGI	Cole Information
	ANDREA KEMP	Cole Information
	MONA LALA	Cole Information
	DANIEL MOREIRA	Cole Information
	KALYANI PERUMAL	Cole Information
	LAWRENCE ST ROSS	Cole Information
	ISABELLE WILKINS	Cole Information
	AYMAN AL-HENDY	Cole Information
	ALEXIS CHESROW	Cole Information
	YVONNE COLLINS	Cole Information
	MEREDITH CRUZ	Cole Information
	GLORIA ELAM	Cole Information
	DANIEL F GARVEY	Cole Information
	ERICA HINZ	Cole Information
	TRACY IRWIN	Cole Information
	MUHAMMED KHAN	Cole Information

FINDINGS

Year	Uses	Source
2022	DAVID E MORRIS	Cole Information
	KRISTIN SHERMAN	Cole Information
	KENYA R THOMAS	Cole Information
2010	LOY GARY LISTON MD	Cole Information
	ENDRES LORAINE K MD	Cole Information
	IRWIN TRACY E MD	Cole Information
	NORDSTROM SHERRY K MD	Cole Information
	HIBBARD JUDITH USHE MD	Cole Information
	WILKINS ISABELLE A MD	Cole Information
	BEAMER LAURA C	Cole Information
	JAIN TARUN MD	Cole Information
	UNIVERSITY OF IL PLASTIC SURG	Cole Information
	UNIVERSITY OF IL AT CHICAGO	Cole Information
	UNIVERSITY OF ILLINOISCHICAGO	Cole Information
	LAYDEN JENNIFER MD	Cole Information
	KHAN MUHAMMED A MD	Cole Information
	ELAM GLORIA L MD	Cole Information
	PERUMAL KALYANI MD	Cole Information
	COWETT ALLISON A MD	Cole Information
	UNIVERSITYIL COLLEGE OF MED	Cole Information
	SCOCCIA HUMBERTO MD	Cole Information
	CHESROW ALEXIS M MD	Cole Information
	HARRIS STEPHANIE E MD	Cole Information
	COLLINS YVONNE CATH MD	Cole Information
	MOORE ROBERT M MD	Cole Information
	APP MEGAN E MD	Cole Information
	BURD LAURENCE I MD	Cole Information
	BARAGI RASHMI V MD	Cole Information
	ROSS LAWRENCE ST MD	Cole Information
	HOWARD DEANNA J MD	Cole Information
	LEVINE JERROLD S MD	Cole Information
	LEACH RICHARD E MD	Cole Information

FINDINGS

Year	Uses	Source
2010	SHERMAN KRISTIN	Cole Information
	KEMP ANDREA D MD	Cole Information
	LEE NITA K MD	Cole Information
	LIPSON STEWART B MD	Cole Information
	UNIV OF ILLINOIS AT CHICAGO	Cole Information
	LIETZ STEPHEN THE MD	Cole Information
	UNIVERSITY ILCHICAGO	Cole Information
	CRUZ MEREDITH O MD	Cole Information

840 S WOOD ST

Year	Uses	Source
2022	HEMA KRISHNA	Cole Information
	LAWRENCE E FELDMAN MD	Cole Information
	DANIEL A FELDMAN MD	Cole Information
	KAMARYNSKY IRENE I MD	Cole Information
	SAURABHKUMAR PATEL	Cole Information
	PATRICIA KEMERLEY	Cole Information
	ARTHUR L FRANK MD	Cole Information
	KAREN HAYANI MD	Cole Information
	SAAD A ARAIN MD	Cole Information
	HOWARD A JAFFE MD	Cole Information
	AL RAHMANI FARAH MD	Cole Information
	NANDINI KALAKOTA	Cole Information
	MONIQUE DIAZ	Cole Information
	CURESEARCH FOR CHILDRENS CANCER	Cole Information
	ASIM SHUJA	Cole Information
	PROFESSIONAL GROUP	Cole Information
	ALLAN G HALLINE MD	Cole Information
	JOAN BRILLER MD	Cole Information
	DAVID J PEREZ-ORTIZ MD	Cole Information
	KEMPE MEGAN HICKS	Cole Information
	ANNA M LIPOWSKA MD	Cole Information
	ANIL P GEORGE MD	Cole Information

FINDINGS

Year	Uses	Source
2022	ANDREW M WATSON	Cole Information
	PEDIATRICS OF INFECTIOUS DISEASE	Cole Information
	SORIN LAZAR	Cole Information
	MARYLEE ANN BRANIECKI MD	Cole Information
	ADHIR SHROFF MD	Cole Information
	SABA AHMAD MD	Cole Information
	ANJAN DEKA	Cole Information
	MICHAEL A CUDWORTH	Cole Information
	MARY L SCHMIDT MD	Cole Information
	PIER C GIULIANOTTI MD	Cole Information
	NIYADA NAKSUK	Cole Information
	ANTHONY M VERGIS MD	Cole Information
	ELISE A MALECKI MD	Cole Information
	WADIH G CHACRA MD	Cole Information
	BRENT WHITE	Cole Information
	KHALED ABDELHADY	Cole Information
	VIBHAV S RANGARAJAN	Cole Information
	ROSALIND FRANKLIN UNIVERSITY	Cole Information
	AJAY K DHADWAL MD	Cole Information
	PAVAN K SRIVASTAVA	Cole Information
	SEAN KOPPE	Cole Information
	BHARGAVA N GANNAVARAPU MD	Cole Information
	MITCHELL R PRICE MD	Cole Information
	ANNE POLICK	Cole Information
	VENKATESAN RANGANATHAN MD	Cole Information
	MARTIN BORHANI MD	Cole Information
	BHARATI PRASAD	Cole Information
	ROBERT A WINN	Cole Information
	GUNJA ATEKA	Cole Information
	JASON R ZIMMERMANN MD	Cole Information
	VIJAY S KHIANI	Cole Information
	ASIM R ZAIDI	Cole Information

FINDINGS

Year	*Uses*	*Source*
2022	ADRIANA M URTUBEY MD	Cole Information
	BEN STEVEN GERBER MD	Cole Information
	ALTAF DAWOOD	Cole Information
	MARK D MINIER	Cole Information
	REED A BERGER MD	Cole Information
	ANDREA A PAPPALARDO MD	Cole Information
	JEREMY J SUGRUE MD	Cole Information
	SARAH E PERKINS MD	Cole Information
	SCOTT J ZIPORIN MD	Cole Information
	STAMOS THOMAS DEAN	Cole Information
	EUNICE G JOHN MD	Cole Information
	GARY JOHN MERLOTTI MD	Cole Information
	ITISHREE TRIVEDI MD	Cole Information
	GEORGE E HOGANSON JR MD	Cole Information
	KARTHIK K CHALLA	Cole Information
	DAVID J AMSTEL MD	Cole Information
	RACHEL K BERNARD MD	Cole Information
	BENJAMIN ROMER MD	Cole Information
	KRYSTAL REVAI	Cole Information
	HECKERLING, PAUL MD	Cole Information
	ALEMZADEH RAMIN MD	Cole Information
	STEPHANIE A BERG MD	Cole Information
	HUMA A KHAN MD	Cole Information
	ADNAN PERVEZ MD	Cole Information
	PETER A NORONHA MD	Cole Information
	LUCY F CHEN	Cole Information
	ALI ESMAILI MD	Cole Information
	JESSICA J TILTON	Cole Information
	MATEO TOLE	Cole Information
	BROWN, RUSSELL D MD	Cole Information
	ROBERT E CARROLL MD	Cole Information
	JORDAN HUPERT MD	Cole Information

FINDINGS

Year	Uses	Source
2022	ERGUN ONAL MD	Cole Information
	SACHIN C AMIN	Cole Information
	JEFFREY R JACOBSON	Cole Information
	ANNE C MEIER	Cole Information
	CANDICE SCHWARTZ	Cole Information
	JOHAN F NORDENSTAM	Cole Information
	JAMES W ANTOON MD	Cole Information
	AHMED NAHREEN H	Cole Information
	ELIZABETH T KAPLAN	Cole Information
	VIBHU SHARMA MD	Cole Information
	HIRA TANWIR	Cole Information
	KEVIN HAAS	Cole Information
	RESHMA P SHAH MD	Cole Information
	KRISHNA GHIMIRE	Cole Information
	ANANYA G GANGOPADHYAYA MD	Cole Information
	SYLVIA MARIE R BISO MD	Cole Information
	ROBERT E MOLOKIE MD	Cole Information
	MUNIRAH A CURTIS	Cole Information
	IRUM KHAN	Cole Information
	TAYLOR D HICKS MD	Cole Information
	PRITI NUTHAKKI	Cole Information
	STEVEN M DUDEK MD	Cole Information
	SATISH J CHACKO	Cole Information
	SUZANNE E FALCK	Cole Information
	ANNETTE ZACHARIA	Cole Information
	GIFTY BHAT	Cole Information
	ANDREW I BRILL MD	Cole Information
	MICHELLE M BARNES MD	Cole Information
	JAMES P LASH MD	Cole Information
	DAVID J PEACE MD	Cole Information
	MALEK G MASSAD MD	Cole Information
	BRUCE I SHARON MD	Cole Information

FINDINGS

Year	Uses	Source
2022	JUSTIN H LEE MD	Cole Information
	SARAH E MESSMER MD	Cole Information
	IGOR A ALTMAN	Cole Information
	JAY GOLDSTEIN MD	Cole Information
	LINDSAY M JANDA	Cole Information
	RACHEL CASKEY	Cole Information
	RICHARD LABOTKA MD	Cole Information
	HERBERT STEVEN SIMS MD	Cole Information
	DENISE D DEWALD MD	Cole Information
	MEENAKSHI HEGDE MD	Cole Information
	MARIO A MASRUR	Cole Information
	DR ANDREW J ARONSON MD	Cole Information
	CHANTALE N STEPHENS-ARCHE MD	Cole Information
	CHICAGO PLASTIC SURGERY	Cole Information
	COLIN D GOODMAN MD	Cole Information
	JYOTHI I TIRUMALASETTY	Cole Information
	ANTONIO GANGEMI	Cole Information
	CHANDRA HASSAN MD	Cole Information
	DAVID M JANDURA MD	Cole Information
	IGNATIUS NYATSANZA MD	Cole Information
	YEON K SONG	Cole Information
	DAVID B CASEY	Cole Information
	SATYAJIT REDDY MD	Cole Information
	INDORKAR RAKSHA	Cole Information
	ALANA BIGGERS	Cole Information
	SIDDIQUI SAIFULLAH MD	Cole Information
	DEVIN D MEHTA MD	Cole Information
	REBECCA A SHILLING MD	Cole Information
	KELLEY E KOZMA	Cole Information
	VITHIDA SUEBLINVONG MD	Cole Information
	DEVANG PARIKH	Cole Information
	PRANSHU A ADAVADKAR MD	Cole Information

FINDINGS

Year	Uses	Source
2022	GABRIEL ESTREMERA	Cole Information
	SAMER A NAFFOUJE MD	Cole Information
	BANDEPALLI REKHA MD	Cole Information
	JENNIFER F JUE	Cole Information
	SHANNON K SPARROW MD	Cole Information
	SHIHTIEN WANG MD	Cole Information
	PAUL KEITH SCHLESINGER MD	Cole Information
	DENADA PALM MD	Cole Information
	MARIAM ANIS	Cole Information
	HERNAN SIERRA-FERNANDEZ	Cole Information
	ELLIOTT GROVES MD	Cole Information
	JOSE OBERHOLZER	Cole Information
	MICHAEL TRYBULA	Cole Information
	AMMARA NAVEED MD	Cole Information
	SEJAL D DANAWALA MD	Cole Information
	SUBHASH C KUKREJA MD	Cole Information
	WILLIAM TROYER MD	Cole Information
	RYAN M GINDI	Cole Information
	HECHT BRYAN R MD	Cole Information
	DAVID STEVAN TOFOVIC MD	Cole Information
	ANDREW J GRIFFIN MD	Cole Information
	MARIO SPAGGIARI	Cole Information
	NAVEEN IMRAN	Cole Information
	MICHAEL A MARKOS MD	Cole Information
	XIXI LUO	Cole Information
	DIGESTIVE DISEASES & NUTRITION	Cole Information
	JOSEPH VARTAN DANAVI DO	Cole Information
	KANSAL, MAYANK M. MD	Cole Information
	MICHAEL J MALINOWSKI MD	Cole Information
	FRED A ZAR MD	Cole Information
	JOANNE TOBACMAN	Cole Information
	WILLIAM A FRESE	Cole Information

FINDINGS

Year	Uses	Source
2022	ELAINE M PAPINEAU	Cole Information
	NIKHIL J SHASTRI	Cole Information
	GAYLE SARITA MD	Cole Information
	DANIEL K CHOI MD	Cole Information
	CLIPP, MEGAN M M.D.	Cole Information
	GUILLERMO HIDALGO MD	Cole Information
	PRIYA SATEESHA MD	Cole Information
	SALLY A STEINHISER	Cole Information
	CEMAL YAZICI	Cole Information
	KHAN, RUBEN HASAN MD	Cole Information
	SHIVI JAIN	Cole Information
	HELEN H KUSI MD	Cole Information
	KENT HOSKINS	Cole Information
	ROBERT THOMAS ROSMAN MD	Cole Information
	AMANDA OSTA MD	Cole Information
	EDMUNDO PADILLA CORTEZ MD	Cole Information
	YOSHII AKIRA MD	Cole Information
	SONGYA PANG MD	Cole Information
	CHUNG JAEHOON MD	Cole Information
	ALLISON R ZIELINSKI	Cole Information
	MCQUEEN DANA BERG	Cole Information
	BENJAMIN W VAN VOORHEES	Cole Information
	DR LUCY L MUNOZ MEDINA MD	Cole Information
	GIOVANNI A INFUSINO MD	Cole Information
	SINDHUJA HARSHA VARDHAN	Cole Information
	SONIA M KRISHNAN MD	Cole Information
	ALMA R BICKNESE MD	Cole Information
	BENJAMIN R LEVIN	Cole Information
	ASCOLI CHRISTIAN	Cole Information
	CHICAGO DIABETES PROJECT	Cole Information
	MELISSA J BROOK	Cole Information
	PATRICE R FREDERICK MD	Cole Information

FINDINGS

Year	*Uses*	*Source*
2022	ARZU SOYBILGIC	Cole Information
	RANYA N SWEIS MD	Cole Information
	BLUMENKRANTS DMITRY MD	Cole Information
	ALINA BRENER	Cole Information
	ALEJANDRA M PEREZ-TAMAYO	Cole Information
	JONATHAN D MEYER MD	Cole Information
	ACADEMIC INTERNAL MEDICINE DEPARTMENT OF MEDICINE	Cole Information
	HWANG JUNG SOOK DO	Cole Information
	BARTOSZ A BUCHCIC MD	Cole Information
	LILA G GLOTFELTY MD	Cole Information
	WILLIAM LEE GALANTER MD	Cole Information
	SHENGCHUAN DAI	Cole Information
	GERALD A GANTT JR	Cole Information
	IVIE D ESANGBEDO MD	Cole Information
	JENNIFER L HARTWELL MD	Cole Information
	PATRICIA W FINN MD	Cole Information
	PATRICK G BELVITCH	Cole Information
	ROBERT S DANZIGER	Cole Information
	CARDIO-THORACIC SURGERY	Cole Information
	MUGUREL BAZAVAN	Cole Information
	ANDREW J KREPPEL	Cole Information
	GEORGE E HAVELKA MD	Cole Information
	JAYE R SCHREIER MD	Cole Information
	SARAH A USMANI MD	Cole Information
	JAMES P RONAYNE MD	Cole Information
	CLAUDIA BOUCHER-BERRY	Cole Information
	BRIAN R BOULAY MD	Cole Information
	AVITALL, BOAZ	Cole Information
	MIRIAM A DREIFUSS MD	Cole Information
	FREDERICK G BEHM MD	Cole Information
	MLADEN I VIDOVICH MD	Cole Information
	NILOUFAR TABATABAEI MD	Cole Information

FINDINGS

Year	Uses	Source
2022	ERIK WISSNER MD	Cole Information
	JOHN G QUIGLEY MD	Cole Information
	JASMINE SAAVEDRA	Cole Information
	BARBARA H JUNG MD	Cole Information
	HOWARD OZER MD	Cole Information
	FADY T CHARBEL MD	Cole Information
	YU M HTWE MD	Cole Information
	MIN JOO	Cole Information
	CHARMAINE A STEWART	Cole Information
	BLAKE E FLEEMAN	Cole Information
	SEELER RUTH MD	Cole Information
	CHITHRA POONGKUNRAN MD	Cole Information
	LAUREN M HUGHES MD	Cole Information
	DARBAR DAWOOD	Cole Information
	ANANTHA K HARIJITH MD	Cole Information
	PAUL A LEDERER MD	Cole Information
	GRACE M ARTEAGA MD	Cole Information
	ZOHRA SHAD	Cole Information
	ASHIMA S SAHNI	Cole Information
	KALEIGH L EVANS	Cole Information
	KRISTIN J ELWART	Cole Information
	OMER M MIRZA	Cole Information
	DACIA A PICKERING MD	Cole Information
	PRAVIN K MUNIYAPPA MD	Cole Information
	MARK VAJARANANT MD	Cole Information
	DAVID M LEONE MD	Cole Information
	TIMOTHY L SHIH DO	Cole Information
	JEFFERSON H LEE	Cole Information
	CYBIL R CORNING MD	Cole Information
	TIMOTHY M MCGORISK	Cole Information
	MOLLY A MARTIN MD	Cole Information
	JONATHAN D KLEIN MD	Cole Information

FINDINGS

Year	*Uses*	*Source*
2022	MARK STEPHEN KUSHNER MD	Cole Information
	SABA AHMAD	Cole Information
	IGOR ALTMAN	Cole Information
	JAMES ANTOON	Cole Information
	ANDREW J ARONSON	Cole Information
	MARTIN BORHANI	Cole Information
	ROBERT CARROLL	Cole Information
	EDMUNDO CORTEZ	Cole Information
	ALTAF DAWOOD	Cole Information
	ANJAN DEKA	Cole Information
	DENISE D DEWALD	Cole Information
	MONIQUE DIAZ	Cole Information
	KRISTIN ELWART	Cole Information
	ONAL ERGUN	Cole Information
	ALI ESMAILI	Cole Information
	KALEIGH EVANS	Cole Information
	LAWRENCE FELDMAN	Cole Information
	BHARGAVA GANNAVARAPU	Cole Information
	PIER GIULIANOTTI	Cole Information
	LILA GLOTFELTY	Cole Information
	ANDREW GRIFFIN	Cole Information
	ELLIOTT GROVES	Cole Information
	ANANTHA HARIJITH	Cole Information
	BRYAN HECHT	Cole Information
	TAYLOR D HICKS	Cole Information
	KENT HOSKINS	Cole Information
	MIN JOO	Cole Information
	ELISE MALECKI	Cole Information
	ROBERT MOLOKIE	Cole Information
	PRAVIN MUNIYAPPA	Cole Information
	NIYADA NAKSUK	Cole Information
	IGNATIUS NYATSANZA	Cole Information

FINDINGS

Year	*Uses*	*Source*
2022	DEVANG PARIKH	Cole Information
	SARAH E PERKINS	Cole Information
	VENKATESAN RANGANATHAN	Cole Information
	BENJAMIN ROMER	Cole Information
	ASHIMA SAHNI	Cole Information
	WANG SHIHTIEN	Cole Information
	ADHIR SHROFF	Cole Information
	CHANTALE N STEPHENS-ARCHE	Cole Information
	THOMAS STAMOS	Cole Information
	JEREMY SUGRUE	Cole Information
	DAVID TOFOVIC	Cole Information
	SARAH USMANI	Cole Information
	ANTHONY VERGIS	Cole Information
	PRANSHU ADAVADKAR	Cole Information
	DR. BOAZ AVITALL	Cole Information
	RACHEL BERNARD	Cole Information
	DMITRY BLUMENKRANTS	Cole Information
	JOAN BRILLER	Cole Information
	BARTOSZ BUCHCIC	Cole Information
	WADIH G CHACRA	Cole Information
	FADY T CHARBEL	Cole Information
	MEGAN CLIPP	Cole Information
	MICHAEL CUDWORTH	Cole Information
	MUNIRAH CURTIS	Cole Information
	DANIEL FELDMAN	Cole Information
	ANTONIO GANGEMI	Cole Information
	COLIN GOODMAN	Cole Information
	CHANDRA HASSAN	Cole Information
	YU HTWE	Cole Information
	RAKSHA INDORKAR	Cole Information
	GIOVANNI INFUSINO	Cole Information
	TRIVEDI ITISHREE	Cole Information

FINDINGS

Year	*Uses*	*Source*
2022	JEFFREY R JACOBSON	Cole Information
	KELLEY E KOZMA	Cole Information
	SUBHASH KUKREJA	Cole Information
	GARY MERLOTTI	Cole Information
	JONATHAN MEYER	Cole Information
	SAMER NAFFOUJE	Cole Information
	PETER NORONHA	Cole Information
	ANDREA PAPPALARDO	Cole Information
	ALEJANDRA PEREZ-TAMAYO	Cole Information
	KRYSTAL REVAI	Cole Information
	PAUL SCHLESINGER	Cole Information
	JAIN SHIVI	Cole Information
	ARZU SOYBILGIC	Cole Information
	SALLY STEINHISER	Cole Information
	NILOUFAR TABATABAEI	Cole Information
	JYOTHI I TIRUMALASETTY	Cole Information
	ERIK WISSNER	Cole Information
	AKIRA YOSHII	Cole Information
	ANNETTE ZACHARIA	Cole Information
	FRED ZAR	Cole Information
	JASON ZIMMERMANN	Cole Information
	DAVID AMSTEL	Cole Information
	ALMA BICKNESE	Cole Information
	RACHEL CASKEY	Cole Information
	EDGAR CHEDRAWY	Cole Information
	BLAKE E FLEEMAN	Cole Information
	ANANYA GANGOPADHYAYA	Cole Information
	JENNIFER HARTWELL	Cole Information
	HOWARD JAFFE	Cole Information
	LINDSAY JANDA	Cole Information
	EUNICE JOHN	Cole Information
	JENNIFER F JUE	Cole Information

FINDINGS

Year	*Uses*	*Source*
2022	MARK KUSHNER	Cole Information
	RICHARD LABOTKA	Cole Information
	JAMES LASH	Cole Information
	DAVID LEONE	Cole Information
	ANNA LIPOWSKA	Cole Information
	MICHAEL J MALINOWSKI	Cole Information
	HOWARD OZER	Cole Information
	ELAINE PAPINEAU	Cole Information
	DAVID J PEREZ-ORTIZ	Cole Information
	BRUCE I SHARON	Cole Information
	YEON K SONG	Cole Information
	MARIO SPAGGIARI	Cole Information
	WILLIAM TROYER	Cole Information
	JOANNE TOBACMAN	Cole Information
	MICHAEL TRYBULA	Cole Information
	MARK VAJARANANT	Cole Information
	MEENAKSHI HEGDE	Cole Information
	MARIAM ANIS	Cole Information
	REED BERGER	Cole Information
	SYLVIA BISO	Cole Information
	ALINA BRENER	Cole Information
	ANDREW BRILL	Cole Information
	KARTHIK K CHALLA	Cole Information
	LUCY F CHEN	Cole Information
	POONGKUNRAN CHITHRA	Cole Information
	CYBIL R CORNING	Cole Information
	PALM DENADA	Cole Information
	IVIE D ESANGBEDO	Cole Information
	SUZANNE FALCK	Cole Information
	AL FARAH	Cole Information
	BEN GERBER	Cole Information
	RYAN GINDI	Cole Information

FINDINGS

Year	Uses	Source
2022	ATEKA GUNJA	Cole Information
	KEVIN HAAS	Cole Information
	ALLAN HALLINE	Cole Information
	PAUL HECKERLING	Cole Information
	BARBARA H JUNG	Cole Information
	SONIA KRISHNAN	Cole Information
	PAUL LEDERER	Cole Information
	MICHAEL MARKOS	Cole Information
	MOLLY MARTIN	Cole Information
	TIMOTHY MCGORISK	Cole Information
	DEVIN MEHTA	Cole Information
	SARAH MESSMER	Cole Information
	MITCHELL PRICE	Cole Information
	VIBHAV S RANGARAJAN	Cole Information
	JASMINE SAAVEDRA	Cole Information
	PATEL SAURABHKUMAR	Cole Information
	MARY SCHMIDT	Cole Information
	CANDICE SCHWARTZ	Cole Information
	SAIFULLAH SIDDIQUI	Cole Information
	SHANNON SPARROW	Cole Information
	PAVAN K SRIVASTAVA	Cole Information
	CHARMAINE STEWART	Cole Information
	JESSICA J TILTON	Cole Information
	MATEO TOLE	Cole Information
	ALLISON R ZIELINSKI	Cole Information
	SAAD ARAIN	Cole Information
	CHRISTIAN ASCOLI	Cole Information
	MARYLEE BRANIECKI	Cole Information
	RUSSELL BROWN	Cole Information
	JOSEPH DANAVI	Cole Information
	ROBERT DANZIGER	Cole Information
	DAWOOD DARBAR	Cole Information

FINDINGS

Year	*Uses*	*Source*
2022	STEVEN DUDEK	Cole Information
	ANIL GEORGE	Cole Information
	LAUREN HUGHES	Cole Information
	DAVID JANDURA	Cole Information
	PATRICIA KEMERLEY	Cole Information
	MEGAN KEMPE	Cole Information
	SEAN KOPPE	Cole Information
	HELEN H KUSI	Cole Information
	SORIN LAZAR	Cole Information
	JEFFERSON H LEE	Cole Information
	JUSTIN LEE	Cole Information
	MARIO MASRUR	Cole Information
	MALEK MASSAD	Cole Information
	DANA MCQUEEN	Cole Information
	MARK D MINIER	Cole Information
	JOHAN NORDENSTAM	Cole Information
	PRITI NUTHAKKI	Cole Information
	JOHN G QUIGLEY	Cole Information
	PRIYA SATEESHA	Cole Information
	RESHMA SHAH	Cole Information
	ADRIANA URTUBEY	Cole Information
	BENJAMIN VANVOORHEES	Cole Information
	MLADEN I VIDOVICH	Cole Information
	SUEBLINVONG VITHIDA	Cole Information
	ROBERT WINN	Cole Information
	ASIM R ZAIDI	Cole Information
	SCOTT ZIPORIN	Cole Information
	JORDAN HUPERT	Cole Information
	SACHIN C AMIN	Cole Information
	CRAIG BEATTIE	Cole Information
	FREDERICK BEHM	Cole Information
	PATRICK G BELVITCH	Cole Information

FINDINGS

Year	*Uses*	*Source*
2022	GIFTY BHAT	Cole Information
	ALANA BIGGERS	Cole Information
	BRIAN BOULAY	Cole Information
	DAVID B CASEY	Cole Information
	SATISH J CHACKO	Cole Information
	JAEHOON CHUNG	Cole Information
	SHENGCHUAN DAI	Cole Information
	AJAY DHADWAL	Cole Information
	PATRICIA W FINN	Cole Information
	SARITA GAYLE	Cole Information
	KRISHNA GHIMIRE	Cole Information
	KAREN HAYANI	Cole Information
	GEORGE E HOGANSON	Cole Information
	VIJAY S KHIANI	Cole Information
	JONATHAN KLEIN	Cole Information
	ANDREW J KREPPEL	Cole Information
	HEMA KRISHNA	Cole Information
	ADNAN PERVEZ	Cole Information
	DACIA PICKERING	Cole Information
	ANNE POLICK	Cole Information
	ROBERT ROSMAN	Cole Information
	RUTH SEELER	Cole Information
	VIBHU SHARMA	Cole Information
	REBECCA SHILLING	Cole Information
	HERBERT SIMS	Cole Information
	PANG SONGYA	Cole Information
	CEMAL YAZICI	Cole Information
	KHALED ABDELHADY	Cole Information
	RAMIN ALEMZADEH	Cole Information
	MICHELLE BARNES	Cole Information
	MUGUREL BAZAVAN	Cole Information
	STEPHANIE BERG	Cole Information

FINDINGS

Year	Uses	Source
2022	DANIEL CHOI	Cole Information
	SEJAL DANAWALA	Cole Information
	GABRIEL ESTREMERA	Cole Information
	GERALD GANTT	Cole Information
	GEORGE HAVELKA	Cole Information
	GUILLERMO HIDALGO	Cole Information
	NAVEEN IMRAN	Cole Information
	RUBEN KHAN	Cole Information
	HUMA KHAN	Cole Information
	BENJAMIN LEVIN	Cole Information
	XIXI LUO	Cole Information
	AMMARA NAVEED	Cole Information
	JOSE OBERHOLZER	Cole Information
	AMANDA OSTA	Cole Information
	DAVID PEACE	Cole Information
	JAYE SCHREIER	Cole Information
	ANIL SHAH	Cole Information
	TIMOTHY SHIH	Cole Information
	ASIM SHUJA	Cole Information
	HERNAN SIERRA-FERNANDEZ	Cole Information
	HIRA TANWIR	Cole Information
	SINDHUJA VARDHAN	Cole Information
	ANDREW WATSON	Cole Information
	NAHREEN H AHMED	Cole Information
	ALETHEA APPAVU	Cole Information
	GRACE ARTEAGA	Cole Information
	REKHA BANDEPALLI	Cole Information
	CLAUDIA BOUCHER-BERRY	Cole Information
	MELISSA BROOK	Cole Information
	MIRIAM A DREIFUSS	Cole Information
	ARTHUR FRANK	Cole Information
	PATRICE FREDERICK	Cole Information

FINDINGS

Year	Uses	Source
2022	WILLIAM FRESE	Cole Information
	WILLIAM GALANTER	Cole Information
	JAY GOLDSTEIN	Cole Information
	KHAN IRUM	Cole Information
	IRENE I KAMARYNSKY	Cole Information
	NANDINI KALAKOTA	Cole Information
	MAYANK KANSAL	Cole Information
	TESS MATTINGLY	Cole Information
	ANNE MEIER	Cole Information
	OMER MIRZA	Cole Information
	MARC OVADIA	Cole Information
	BHARATI PRASAD	Cole Information
	SATYAJIT REDDY	Cole Information
	JAMES RONAYNE	Cole Information
	ZOHRA SHAD	Cole Information
	RANYA SWEIS	Cole Information
	BRENT WHITE	Cole Information
	NIKHIL J SHASTRI	Cole Information
2017	KAMARYNSKY IRENE I MD	Cole Information
	UNIVERSITY OF ILLINOIS MEDICAL CENTE	Cole Information
	ANDREW J DR ARONSON MD	Cole Information
2014	KAMARYNSKY IRENE I MD	Cole Information
	HECHT BRYAN R MD	Cole Information
	UNIVERSITY OF ILLINOIS MEDICAL CENTE	Cole Information
2010	KAMARYNSKY IRENE I MD	Cole Information
	UNIVERSITYILLINOIS AT CHICAGO	Cole Information
	RAIBLE MICHELE D MD	Cole Information
	MOURIA MICHELLE MD	Cole Information
	NAPOLES PHYLLIS MD	Cole Information
	SBRANA FABIO MD	Cole Information
	ARTEAGA GRACE M MD	Cole Information
	HEART INSTITUTE FOR CHILDREN	Cole Information

FINDINGS

Year	Uses	Source
2010	SCHMIDT MARY L MD	Cole Information
	SHAH AMI MD	Cole Information
	UIC HOSPITAL	Cole Information
	DIVISIONINFECTIOUS DISEASES	Cole Information
	SUEBLINVONG VITHIDA MD	Cole Information
	STEHURA MICHELLE J MD	Cole Information
	UNIVERSITY OF IL AT CHICAGO	Cole Information
	HECHT GAIL A MD	Cole Information
	CHAUDHRY AHMAD Z MD	Cole Information
	KECSKES SUSAN A MD	Cole Information
	PEACE DAVID J MD	Cole Information
	UNIVERSITY	Cole Information
	UNIVERSITYIL CHICAGO MDCL CTR	Cole Information
	CHANG GRACE MD	Cole Information
	KUTTY RAFIQ M MD	Cole Information
	LAYDEN THOMAS J MD	Cole Information
	CRUZ MADRID KATYA Y MD	Cole Information
	GARREAN SEAN MD	Cole Information
	UBOGY DAVID J MD	Cole Information
	UNIVERSITY OF ILLINOISCHICAGO	Cole Information
	NORONHA PETER A MD	Cole Information
	UNIVERSITY ILLINOIS	Cole Information
	UNIVERSITY OF IL	Cole Information
	HECHT BRYAN MD	Cole Information
	WEBER THOMAS MD	Cole Information
	MERLOTTI GARY J MD	Cole Information
	UIC MEDICAL CTR	Cole Information
	GRUBB KENDRA MD	Cole Information
	DIGESTIVE DISEASES & NUTRITION	Cole Information
	BENYA RICHARD MD	Cole Information
	UNIV OF ILLINOIS AT CHICAGO	Cole Information
	UNIVERSITY OF IL CHICAGO	Cole Information

FINDINGS

Year	Uses	Source
2010	BANDEPALLI CHANDRAREKH MD	Cole Information
	NEGRETE GEORGE MD	Cole Information
	GIULIANOTTI PIER C MD	Cole Information
	UNIV OF ILLINOIS AT CHICAGO	Cole Information
	UNIVERSITY OF ILLINOIS	Cole Information
	UNIVERSITY OF ILLINOISPED	Cole Information
	REDDY MADHAVI MD	Cole Information
	BRILL ANDREW I MD	Cole Information
	UNIVERSITY OF ILLINOISCOLON	Cole Information
	UIC	Cole Information
	MOLOKIE ROBERT E MD	Cole Information
	DEPARTMENT OF PEDIATRICS	Cole Information
2005	UIC MEDICAL CENTER MKGT	Cole Information
	UNIVERSITY ILLINOIS CHICAGO GEN	Cole Information
	AHPBA PUBLICATIONS	Cole Information
	M GUERRERO	Cole Information
	JOYCE HO	Cole Information
2000	KAMARYNSKY IRENE I MD	Cole Information
	HECHT BRYAN R MD	Cole Information
1995	KAMARYNSKY IRENE MD	Cole Information
	ROBERT IRSAY	Cole Information
	UNIVERSITY OF ILLINOIS CLINICS	Cole Information
	VIRGINIA C FIEDLER MD	Cole Information
	KAMARYNSKY, IRENE I	Cole Information
	IRSAY, ROBERT	Cole Information
	CSEREP, GABOR	Cole Information
1992	UI HLTH SV	Cole Information
	AYYAGARI R MD	Cole Information
	IL RESEARCH HSPTL	Cole Information

FINDINGS

S WOOD ST MC 856

840 S WOOD ST MC 856

Year	*Uses*	*Source*
2017	ANDREW J ARONSON MD	Cole Information

WOOD

800 WOOD

Year	*Uses*	*Source*
1957	UNIVERSITY OF ILLINOIS CHGO UNDERGRADUATE DIV	Illinois Bell Telephone

805 WOOD

Year	*Uses*	*Source*
1957	ALBERT HAROLD F	Illinois Bell Telephone

808 WOOD

Year	*Uses*	*Source*
1986	Levitsky Sidney MD	Illinois Bell Telephone
	If No Answer	Illinois Bell Telephone
	Silverman Norman A MD	Illinois Bell Telephone
	If No Answer	Illinois Bell Telephone
	Thomas Paul A MD	Illinois Bell Telephone
	If No Answer	Illinois Bell Telephone
1981	Graduate College	Reuben H. Donnelley Telephone
1966	MEDICAL CENTER CAMPUS RESEARCH & EDUCATIONAL HOSPS	The Reuben H. Donnelley Telephone Directory Company
	MEDICAL CENTER CAMPUS RESEARCH & EDUCATIONAL HOSPS	The Reuben H. Donnelley Telephone Directory Company
1961	UNIVERSITY OF ILLINOIS CHGO UNDERGRADUATE DIV ADMIN & DEAN S OFS NAVY PIER	Illinois Bell Telephone
	UNIVERSITY OF ILLINOIS CHGO UNDERGRADUATE DIV ADMIN & DEAN S OFS NAVY PIER	Illinois Bell Telephone
	UNIVERSITY OF ILLINOIS CHGO CONTINUED FROM PRECEDING COLUMN HOSPITALS & CLI	Illinois Bell Telephone

Year	Uses	Source
1957	UNIVERSITY OF ILLINOIS CHGO UNDERGRADUATE DIV	Illinois Bell Telephone
	UNIVERSITY OF ILLINOIS CHGO UNDERGRADUATE DIV	Illinois Bell Telephone
1951	UNIVERSITY OF ILLINOIS	Illinois Bell Telephone
	UNIVERSITY OF ILLINOIS	Illinois Bell Telephone
	UNIVERSITY OF ILLINOIS	Illinois Bell Telephone
1947	LACKAWANNA DENTAL SOC	Illinois Bell Telephone
	LEVINSON SAML A MD OTC	Illinois Bell Telephone
	CHGO PROFESSIONAL COLLEGES DENTISTRY	Illinois Bell Telephone
	CHGO PROFESSIONAL COLLEGES DENTISTRY	Illinois Bell Telephone
	CHGO PROFESSIONAL COLLEGES DENTISTRY	Illinois Bell Telephone
1941	Levinson Saml A MD ofc	The Reuben H. Donelley Corporation
	dental infirmary	The Reuben H. Donelley Corporation
	Univ of Ill Chgo depts Colleges dentistry	The Reuben H. Donelley Corporation

815 WOOD

Year	Uses	Source
1981	Harper Pamela J D	Reuben H. Donnelley Telephone
1947	JACKSON RUBY	Illinois Bell Telephone
1941	Fields Donnie	The Reuben H. Donelley Corporation
1923	BECKER Chas tailor Bernstein & Colitz	R. L. Polk & Co.
	Cota Issac gro	R. L. Polk & Co.
	IZZO Tony	R. L. Polk & Co.
	Lang Jos auto repr	R. L. Polk & Co.
	Musporello Fred E driyer	R. L. Polk & Co.
	Rothblatt Isadore ctr	R. L. Polk & Co.
	Weinleam Benj slsmn	R. L. Polk & Co.
	WEINSTEIN Benj slsmn Sola Bros	R. L. Polk & Co.
	WEIS Max lab	R. L. Polk & Co.

FINDINGS

821 WOOD

Year	Uses	Source
1931	DRAPER Idell Mrs r	Illinois Bell Telephone
	RENFRO Mc Ewen Mrs r	Illinois Bell Telephone
	WHITE Elder Geo r	Illinois Bell Telephone
1923	COHN Anna E bkpr	R. L. Polk & Co.
	COHN Louis shoe repr	R. L. Polk & Co.
	COHN Sylvia clk	R. L. Polk & Co.
	GOODMAN Isaac	R. L. Polk & Co.
	Honig Gertrude mach opr	R. L. Polk & Co.
	Honit Morricl presser	R. L. Polk & Co.
	KANTER Victor tailor	R. L. Polk & Co.
	Raimondo Michl barber	R. L. Polk & Co.
	RAYMOND Michl barber	R. L. Polk & Co.
	Slaw itsky Mollie Mrs cash Randolph Bag & Burlap Co	R. L. Polk & Co.

825 WOOD

Year	Uses	Source
1947	JONES MYRTLE	Illinois Bell Telephone
	MINNIEFIELD PERRY	Illinois Bell Telephone
1931	DInverno Vincent r	Illinois Bell Telephone
	HODRICK Sylvester r	Illinois Bell Telephone
1923	Burbage Wm lab	R. L. Polk & Co.
	Sonno Imie pdlr	R. L. Polk & Co.
	Steinman Jean slaldy Rothschild & Co	R. L. Polk & Co.
	STIMSON Saml Indymn	R. L. Polk & Co.

826 WOOD

Year	Uses	Source
1931	KAVERT Helen Mrs r	Illinois Bell Telephone

827 WOOD

Year	Uses	Source
1957	KLIMEK EDW W	Illinois Bell Telephone
1947	DEIS HARRY	Illinois Bell Telephone

Year	Uses	Source
1941	Smith Anna	The Reuben H. Donelley Corporation
1923	Alex Saml pdlr	R. L. Polk & Co.
	LERNER Jos tailor	R. L. Polk & Co.
	PARK Geo W cook	R. L. Polk & Co.

829 WOOD

Year	Uses	Source
1923	BAKER Saml Luto mech	R. L. Polk & Co.
	JOHNSON Wm lab	R. L. Polk & Co.
	Manella Amico drill hd	R. L. Polk & Co.
	Manella Antonie lab	R. L. Polk & Co.
	SMITH Edw clk Owen Thomas	R. L. Polk & Co.

830 WOOD

Year	Uses	Source
1947	CHGO PROFESSIONAL COLLEGES DENTISTRY	Illinois Bell Telephone
1941	College of Medicine Free Dispnsry	The Reuben H. Donelley Corporation
1931	College of Medicine Free Dispensary	Illinois Bell Telephone

831 WOOD

Year	Uses	Source
1947	THORNTON JOHN L	Illinois Bell Telephone
1923	BECKER Morris butcher	R. L. Polk & Co.
	Orbach Danl lab	R. L. Polk & Co.

837 WOOD

Year	Uses	Source
1947	BROWN JOHNAH	Illinois Bell Telephone
1941	Brown Johnah	The Reuben H. Donelley Corporation
	Tepper Bros cgrs	The Reuben H. Donelley Corporation
1931	TEPPER Bros cgrs	Illinois Bell Telephone
1923	Goldson Herman bottler	R. L. Polk & Co.
	Tepper Herman cigarmkr	R. L. Polk & Co.

839 WOOD

Year	*Uses*	*Source*
1947	TANG ARMANDO M	Illinois Bell Telephone
1931	Castillo C r	Illinois Bell Telephone
	SAMDLER Dora Mrs r	Illinois Bell Telephone
1923	Lavin Goda clk	R. L. Polk & Co.
	Lavin Harry lab	R. L. Polk & Co.
	Lavin Saml lab	R. L. Polk & Co.
	Lavine Jacob lab	R. L. Polk & Co.
	LEVIN Saml cap opr	R. L. Polk & Co.
	Sanders Abert slsmn Rothschild & Co	R. L. Polk & Co.
	Sandler Albert clk	R. L. Polk & Co.
	Sandler Frieda slsldy Rothschild & Co	R. L. Polk & Co.
	SANDLER Jacob leather w kr	R. L. Polk & Co.
	SANDLER Mary clk	R. L. Polk & Co.
	Ungar Robt clk Mandel	R. L. Polk & Co.
	Zevin Lillie compto opr The Hub	R. L. Polk & Co.
	Zevin Saml pntr	R. L. Polk & Co.

840 WOOD

Year	*Uses*	*Source*
1986	Ayyagari Ramchandra MD	Illinois Bell Telephone
	Beckmann C R B MD	Illinois Bell Telephone
	Clarke Pearson Daniel MD	Illinois Bell Telephone
	Daw ood M Yusoff MD	Illinois Bell Telephone
	Eden Robert DMD	Illinois Bell Telephone
	Gall Stanley AMD	Illinois Bell Telephone
	Ill Research Hospital	Illinois Bell Telephone
	James Janine MD	Illinois Bell Telephone
	Jarrett John C II MD	Illinois Bell Telephone
	Kamarynsky Irene I MD	Illinois Bell Telephone
	Lew is Vivian MD	Illinois Bell Telephone
	Parsons Michael T MD	Illinois Bell Telephone
	Sampson Milo BMD	Illinois Bell Telephone

FINDINGS

Year	Uses	Source
1986	Snow den Ellen UMD	Illinois Bell Telephone
	Spellacy William N MD	Illinois Bell Telephone
	Thomason Jessica L MD	Illinois Bell Telephone
	Tomasi Ana MD	Illinois Bell Telephone
	Tunca Josh C MD	Illinois Bell Telephone
	Center For Handicapped Children	Illinois Bell Telephone
	Cleft Palate Ctr For Cranio Facial Anomaly	Illinois Bell Telephone
	Dentistry	Illinois Bell Telephone
	Dermatology	Illinois Bell Telephone
	Diagnostic	Illinois Bell Telephone
	Endocrinology	Illinois Bell Telephone
	Epilepsy Consultation Clinic For	Illinois Bell Telephone
	Family Planning	Illinois Bell Telephone
	Family Practice	Illinois Bell Telephone
	Gastroscopy	Illinois Bell Telephone
	Gynecology	Illinois Bell Telephone
	Hematology	Illinois Bell Telephone
	Hypertension	Illinois Bell Telephone
	Infectious Diseases	Illinois Bell Telephone
	Maxillofacial Prosthetic	Illinois Bell Telephone
	Medicine	Illinois Bell Telephone
	Metabolic	Illinois Bell Telephone
	Neurology & Neurosurgery	Illinois Bell Telephone
	Nutrition	Illinois Bell Telephone
	Obstetrics & Gynecology	Illinois Bell Telephone
	Occupational Therapy Outpatient	Illinois Bell Telephone
	Ophthalmology Lions Of Illinois Eye Research Institute	Illinois Bell Telephone
	Oral & Maxillotacial Surgery	Illinois Bell Telephone
	Orthopedic Surgery	Illinois Bell Telephone
	Otolaryngotogy	Illinois Bell Telephone
	Pain	Illinois Bell Telephone
	Pediatrics	Illinois Bell Telephone

FINDINGS

Year	Uses	Source
1986	Physical Medicine & Rehabilitation	Illinois Bell Telephone
	Psychiatry Adults	Illinois Bell Telephone
	Children	Illinois Bell Telephone
	Rehabilitation	Illinois Bell Telephone
	University Of Illinois At Chicago Clinics & Ambulatory Care	Illinois Bell Telephone
	Urology	Illinois Bell Telephone
	Walk In Clinic	Illinois Bell Telephone
	Colleges Architecture Art & Urban Planning Information	Illinois Bell Telephone
	Dean	Illinois Bell Telephone
	Architecture	Illinois Bell Telephone
	Art & Design	Illinois Bell Telephone
	Art Therapy Program	Illinois Bell Telephone
	History Of A & A	Illinois Bell Telephone
	Urban Planning & Policy	Illinois Bell Telephone
	Associated Health Professions Information	Illinois Bell Telephone
	Dean	Illinois Bell Telephone
	Biocommunication Arts	Illinois Bell Telephone
	Medical Laboratory Sciences	Illinois Bell Telephone
	Medical Record Administration	Illinois Bell Telephone
	Medical Social Work	Illinois Bell Telephone
	Nutrition & Medical Dietetics	Illinois Bell Telephone
	Occupational Therapy	Illinois Bell Telephone
	Physical Therapy	Illinois Bell Telephone
	Business Administration Information Undergraduate	Illinois Bell Telephone
	Information Graduate	Illinois Bell Telephone
	Dean	Illinois Bell Telephone
	Accounting	Illinois Bell Telephone
	Coop Education	Illinois Bell Telephone
	Economics	Illinois Bell Telephone
	Entrepreneurial Studies	Illinois Bell Telephone
	External Affairs	Illinois Bell Telephone

FINDINGS

Year	*Uses*	*Source*
1986	Finance	Illinois Bell Telephone
	Information & Decision Sciences	Illinois Bell Telephone
	Management	Illinois Bell Telephone
	Management Development Program	Illinois Bell Telephone
	Marketing	Illinois Bell Telephone
	Dentistry Information Dean	Illinois Bell Telephone
	Clinics	Illinois Bell Telephone
	Education Information	Illinois Bell Telephone
	Dean	Illinois Bell Telephone
	Curriculum Instruction & Evaluation	Illinois Bell Telephone
	Educational Psychology	Illinois Bell Telephone
	Graduate Studies	Illinois Bell Telephone
	Policy Studies	Illinois Bell Telephone
	Remedial Reading Research Center	Illinois Bell Telephone
	Special Education	Illinois Bell Telephone
	Engineering Information	Illinois Bell Telephone
	Dean	Illinois Bell Telephone
	Bioengineering	Illinois Bell Telephone
	Chemical Engineering	Illinois Bell Telephone
	Civil Engineering Mechanics & Metallurgy	Illinois Bell Telephone
	Electrical Engineering & Computer Science	Illinois Bell Telephone
	Mechanical Engineering	Illinois Bell Telephone
	Industrial & Systems Engineering	Illinois Bell Telephone
	Intergrated Systems Lab	Illinois Bell Telephone
	Robotics & Automation Lab	Illinois Bell Telephone
	Graduate Information	Illinois Bell Telephone
	Dean	Illinois Bell Telephone
	Health Physical Education & Recreation Information Dean	Illinois Bell Telephone
	Graduate Program	Illinois Bell Telephone
	Physical Ed	Illinois Bell Telephone
	Recreation	Illinois Bell Telephone
	Honors Information Dean	Illinois Bell Telephone

FINDINGS

Year	*Uses*	*Source*
1986	Liberal Arts & Sciences Information	Illinois Bell Telephone
	Dean	Illinois Bell Telephone
	Anthropology	Illinois Bell Telephone
	Biological Sciences	Illinois Bell Telephone
	Black Studies	Illinois Bell Telephone
	Chemistry	Illinois Bell Telephone
	Classics	Illinois Bell Telephone
	Communications & Theatre	Illinois Bell Telephone
	Criminal Justice	Illinois Bell Telephone
	English	Illinois Bell Telephone
	French	Illinois Bell Telephone
	Geography	Illinois Bell Telephone
	Geological Sciences	Illinois Bell Telephone
	German	Illinois Bell Telephone
	History	Illinois Bell Telephone
	Interdisciplinary Studies	Illinois Bell Telephone
	Latin American Studies	Illinois Bell Telephone
	Linguistics	Illinois Bell Telephone
	Mathematics Statistics & Computer Science	Illinois Bell Telephone
	Music	Illinois Bell Telephone
	Philosophy	Illinois Bell Telephone
	Physics	Illinois Bell Telephone
	Political Science	Illinois Bell Telephone
	Psychology	Illinois Bell Telephone
	Slavic & Baltic Languages & Literatures	Illinois Bell Telephone
	Sociology	Illinois Bell Telephone
	Spanish Italian & Portugese	Illinois Bell Telephone
	Womens Studies Program	Illinois Bell Telephone
	Medicine Information Dean	Illinois Bell Telephone
	Anatomy	Illinois Bell Telephone
	Anesthesiology	Illinois Bell Telephone
	Biological Chemistry	Illinois Bell Telephone

FINDINGS

Year	*Uses*	*Source*
1986	Dermatology	Illinois Bell Telephone
	Family Practice	Illinois Bell Telephone
	University Of Illinois At Chicago	Illinois Bell Telephone
	Colleges Medicine Genetics Ctr For	Illinois Bell Telephone
	Medicine	Illinois Bell Telephone
	Microbiology & Immunology	Illinois Bell Telephone
	Neurology	Illinois Bell Telephone
	Neurosurgery	Illinois Bell Telephone
	Obstetrics & Gynecology	Illinois Bell Telephone
	Ophthalmology	Illinois Bell Telephone
	Orthopaedics	Illinois Bell Telephone
	Otolaryngology	Illinois Bell Telephone
	Pathology	Illinois Bell Telephone
	Pediatrics	Illinois Bell Telephone
	Pharmacology	Illinois Bell Telephone
	Physical Medicine & Rehabilitation	Illinois Bell Telephone
	Physiology & Biophysics	Illinois Bell Telephone
	Preventive Medicine & Community Health	Illinois Bell Telephone
	Psychiatry	Illinois Bell Telephone
	Radiology	Illinois Bell Telephone
	Surgery	Illinois Bell Telephone
	Nursing Information	Illinois Bell Telephone
	Dean	Illinois Bell Telephone
	Pharmacy Information	Illinois Bell Telephone
	Dean	Illinois Bell Telephone
	Continuing Education	Illinois Bell Telephone
	Medicinal Chemistry Pharmacognosy	Illinois Bell Telephone
	Pharmacodynamics	Illinois Bell Telephone
	Pharmaceutics	Illinois Bell Telephone
	Pharmacy Practice	Illinois Bell Telephone
	Pharmacy Administration	Illinois Bell Telephone
	Clinical Pharmacokinetics Lab	Illinois Bell Telephone

FINDINGS

Year	Uses	Source
1986	Program Of Collaborative Research In Pharmaceutical Sciences	Illinois Bell Telephone
	Public Health Sch Of Information Dean	Illinois Bell Telephone
	Continuing Education & Public Service	Illinois Bell Telephone
	Community Health Sciences	Illinois Bell Telephone
	Environmental & Occupational Health Sciences	Illinois Bell Telephone
	Epidemiology & Biometry	Illinois Bell Telephone
	Health Resources Management	Illinois Bell Telephone
	Information Services	Illinois Bell Telephone
	Reference Ctr	Illinois Bell Telephone
	Social Work Jane Addams College Of Information	Illinois Bell Telephone
	Dean	Illinois Bell Telephone
	Computer Center	Illinois Bell Telephone
	Continuing Education	Illinois Bell Telephone
	Continuing Education & Public Service	Illinois Bell Telephone
	Conferences & Institutes	Illinois Bell Telephone
	Work Bruce A Jr MD	Illinois Bell Telephone
	Yaqub Nizar A MD	Illinois Bell Telephone
	Zarandy Sohila MD	Illinois Bell Telephone
	Zuidema Laura J MD	Illinois Bell Telephone
1981	Ill Research Hospital	Reuben H. Donnelley Telephone
	Miller Marilyn MD	Reuben H. Donnelley Telephone
	General Info	Reuben H. Donnelley Telephone
	Center For Handicapped Children	Reuben H. Donnelley Telephone
	Cleft Palate	Reuben H. Donnelley Telephone
	Consultation For Epilepsy	Reuben H. Donnelley Telephone
	Dentistry	Reuben H. Donnelley Telephone
	Dermatology Skin	Reuben H. Donnelley Telephone
	Diagnostic	Reuben H. Donnelley Telephone
	Endocrinology 9967880	Reuben H. Donnelley Telephone
	Maxilofacial Anomales	Reuben H. Donnelley Telephone
	Medicine General	Reuben H. Donnelley Telephone

FINDINGS

Year	*Uses*	*Source*
1981	Metabolic	Reuben H. Donnelley Telephone
	Neurology Neurosurgery Head & Brain	Reuben H. Donnelley Telephone
	Nutrition Diet Counseling	Reuben H. Donnelley Telephone
	Obstetrics Gynecology	Reuben H. Donnelley Telephone
	Occupational Therapy Outpatient	Reuben H. Donnelley Telephone
	Oncology	Reuben H. Donnelley Telephone
	Ophthalmology Eye	Reuben H. Donnelley Telephone
	Oral & Maxillofacial Surgery	Reuben H. Donnelley Telephone
	Orthopedic Surgery Bones	Reuben H. Donnelley Telephone
	Otolaryngology Ear Nose & Throat	Reuben H. Donnelley Telephone
	Pain	Reuben H. Donnelley Telephone
	Pediatrics Children & Infants	Reuben H. Donnelley Telephone
	Physical Medicine & Rehabilitation	Reuben H. Donnelley Telephone
	Plastic Surgery	Reuben H. Donnelley Telephone
	Psychiatry Adults	Reuben H. Donnelley Telephone
	Psychiatry Children	Reuben H. Donnelley Telephone
	Rehabilitation	Reuben H. Donnelley Telephone
	Sickle Cell Center	Reuben H. Donnelley Telephone
	Special Medicine	Reuben H. Donnelley Telephone
	Surgery	Reuben H. Donnelley Telephone
	Urology	Reuben H. Donnelley Telephone
	Walk In	Reuben H. Donnelley Telephone
	X Ray Outpatient Appointment	Reuben H. Donnelley Telephone
	Crippled Children Div Servs For	Reuben H. Donnelley Telephone
	Medical Social Work	Reuben H. Donnelley Telephone
1976	ILL RESEARCH HOSPITAL	Illinois Bell Telephone
	RESEARCH & EDUCATIONAL HOSPITALS UNIVERSITY OF ILL	Illinois Bell Telephone
	UIC	Illinois Bell Telephone
1971	ARAUZ G	The Reuben H. Donnelley Corporation Telephone
	CHIEJINA JOSEPHINE	The Reuben H. Donnelley Corporation Telephone
	CHITRE D A	The Reuben H. Donnelley Corporation Telephone

FINDINGS

Year	Uses	Source
1971	DANCEL MARINA	The Reuben H. Donnelley Corporation Telephone
	HAMLET LORNA	The Reuben H. Donnelley Corporation Telephone
	HATCHER CYNTHIA	The Reuben H. Donnelley Corporation Telephone
	HEITZMAN CAROL A	The Reuben H. Donnelley Corporation Telephone
	LICO DELIA	The Reuben H. Donnelley Corporation Telephone
	NGOWSUWNAN AMARA	The Reuben H. Donnelley Corporation Telephone
	NIEVES ANITA R	The Reuben H. Donnelley Corporation Telephone
	PADHAMACHITRA ORRATHAI	The Reuben H. Donnelley Corporation Telephone
	PANUPINPU WANNEE	The Reuben H. Donnelley Corporation Telephone
	RESEARCH & EDUCATIONAL HOSPS UNIV OF ILL	The Reuben H. Donnelley Corporation Telephone
	THRASHER J	The Reuben H. Donnelley Corporation Telephone
1966	BROWN DOROTHY B	The Reuben H. Donnelley Telephone Directory Company
	MUELLER MARIE C	The Reuben H. Donnelley Telephone Directory Company
	NIEVES ANITA R	The Reuben H. Donnelley Telephone Directory Company
	THOMAS M K	The Reuben H. Donnelley Telephone Directory Company
	MEDICAL CENTER CAMPUS RESEARCH & EDUCATIONAL HOSPS	The Reuben H. Donnelley Telephone Directory Company
1961	ILLINOIS STATE OF	Illinois Bell Telephone
	UNIVERSITY OF ILLINOIS CHGO CONTINUED FROM PRECEDING COLUMN HOSPITALS & CLI	Illinois Bell Telephone
	UNIVERSITY OF ILLINOIS CHGO CONTINUED FROM PRECEDING COLUMN HOSPITALS & CLI	Illinois Bell Telephone
1957	PUBLIC SAFETY DEPT OF CRIME PREVENTION DIV	Illinois Bell Telephone
	UNIVERSITY OF ILLINOIS CHGO UNDERGRADUATE DIV	Illinois Bell Telephone

Year	Uses	Source
1957	UNIVERSITY OF ILLINOIS CHGO UNDERGRADUATE DIV	Illinois Bell Telephone

845 WOOD

Year	Uses	Source
1923	Miesowek Anna fnshr	R. L. Polk & Co.

858 WOOD

Year	Uses	Source
1923	Kollenda Jno T clk Hibbard Spencer Bartlett & Co	R. L. Polk & Co.

0811 WOOD

Year	Uses	Source
1971	LARMON MICHAEL J	The Reuben H. Donnelley Corporation Telephone

0822 WOOD

Year	Uses	Source
1961	DAVIS FRANCIS R JR	Illinois Bell Telephone

WOOD ST

800 WOOD ST

Year	Uses	Source
2005	HART Rose	Haines Company Inc.
	JOINER Helen	Haines Company Inc.

815 WOOD ST

Year	Uses	Source
2005	B E 2 EYEthe	Haines Company Inc.
1928	Hodrick Sylvester Mozell	R. L. Polk & Co.
	Towers David Cecelia	R. L. Polk & Co.
	Turner Mortimer Sallie	R. L. Polk & Co.
	White G W Bessie	R. L. Polk & Co.

821 WOOD ST

Year	Uses	Source
1928	Bartlett Irvin Beatrice	R. L. Polk & Co.

FINDINGS

Year	Uses	Source
1928	Hawkins Bev Kittle	R. L. Polk & Co.
	Johnson Anna	R. L. Polk & Co.
	Moss J B Lena	R. L. Polk & Co.
	Price Joshua Estella	R. L. Polk & Co.
	Taylor Ralph	R. L. Polk & Co.
	Weddy Walter Margt	R. L. Polk & Co.
1923	LEVIN Louis Lamb Bottling Wks	R. L. Polk & Co.

825 WOOD ST

Year	Uses	Source
1928	Dinverno Vincent Tina	R. L. Polk & Co.

827 WOOD ST

Year	Uses	Source
1928	Daly Mary Mrs	R. L. Polk & Co.
	Kavert Helen Mrs	R. L. Polk & Co.

829 WOOD ST

Year	Uses	Source
1928	Mannello M A Mary	R. L. Polk & Co.

831 WOOD ST

Year	Uses	Source
1928	Dongrada Nicholas Adeline	R. L. Polk & Co.
	Scott V C Ruby E	R. L. Polk & Co.

834 WOOD ST

Year	Uses	Source
2005	OSELLERS Clara	Haines Company Inc.

836 WOOD ST

Year	Uses	Source
2005	HOWELL Treundes	Haines Company Inc.
	KELLEY Raynard	Haines Company Inc.

FINDINGS

837 WOOD ST

Year	Uses	Source
1928	DiNova Dominick Consetta	R. L. Polk & Co.
	Tepper Herman	R. L. Polk & Co.
	Tepper Bros cigar mfrs	R. L. Polk & Co.

839 WOOD ST

Year	Uses	Source
1928	Orosco John Margt	R. L. Polk & Co.
	Pitre Jos Rosanna	R. L. Polk & Co.
	Schullo Dominick Mary	R. L. Polk & Co.

840 WOOD ST

Year	Uses	Source
2005	NECHTBRYAN R MD	Haines Company Inc.
	KMARYNSKY IRENEI	Haines Company Inc.
1981	In Touch Hotline	Reuben H. Donnelley Telephone
	Speech Clinic 996	Reuben H. Donnelley Telephone
	Testing Unit 996	Reuben H. Donnelley Telephone
	Financial Aid 996	Reuben H. Donnelley Telephone
	Health Service 996	Reuben H. Donnelley Telephone
	Organization & Activities Career Placement 996	Reuben H. Donnelley Telephone
	Student Employment 996	Reuben H. Donnelley Telephone
	Veteran Affairs 996	Reuben H. Donnelley Telephone
	Foreign Student Affairs 996	Reuben H. Donnelley Telephone
	Survey Research Laboratory 996	Reuben H. Donnelley Telephone
	Office Of The Senate 996	Reuben H. Donnelley Telephone
	Housing Info 996	Reuben H. Donnelley Telephone
	Jane Addams Hull House 996	Reuben H. Donnelley Telephone
	Parking Info 996	Reuben H. Donnelley Telephone
	Photo ID Ofc 996	Reuben H. Donnelley Telephone
	Reservations Rooms 9961	Reuben H. Donnelley Telephone
	Info 996	Reuben H. Donnelley Telephone
	Bookstore 996	Reuben H. Donnelley Telephone

FINDINGS

Year	Uses	Source
1981	Food Service 996	Reuben H. Donnelley Telephone
	Recreation 996	Reuben H. Donnelley Telephone
	UNVERSITY OF ILLINOIS CHICAGOChicago Circle CampusChicago Circle Center	Reuben H. Donnelley Telephone
	Reservations Rooms	Reuben H. Donnelley Telephone
	Employment Non Faculty	Reuben H. Donnelley Telephone

853 WOOD ST

Year	Uses	Source
2005	SCFOSTERPARK	Haines Company Inc.

855 WOOD ST

Year	Uses	Source
2005	PITTS Debra	Haines Company Inc.

FINDINGS

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

Address Researched	Address Not Identified in Research Source
0811 WOOD	2022, 2020, 2017, 2014, 2010, 2005, 2000, 1999, 1995, 1993, 1992, 1986, 1981, 1976, 1966, 1961, 1957, 1951, 1949, 1947, 1941, 1932, 1931, 1928, 1923
0822 WOOD	2022, 2020, 2017, 2014, 2010, 2005, 2000, 1999, 1995, 1993, 1992, 1986, 1981, 1976, 1971, 1966, 1957, 1951, 1949, 1947, 1941, 1932, 1931, 1928, 1923
1787 POLK ST	2022, 2020, 2017, 2014, 2010, 2005, 2000, 1999, 1995, 1993, 1992, 1986, 1981, 1976, 1971, 1966, 1961, 1957, 1951, 1949, 1947, 1941, 1932, 1931, 1928
1812 POLK ST	2022, 2020, 2017, 2014, 2010, 2005, 2000, 1999, 1995, 1993, 1992, 1986, 1981, 1976, 1971, 1966, 1961, 1957, 1951, 1949, 1947, 1941, 1932, 1931, 1928
800 WOOD	2022, 2020, 2017, 2014, 2010, 2005, 2000, 1999, 1995, 1993, 1992, 1986, 1981, 1976, 1971, 1966, 1961, 1951, 1949, 1947, 1941, 1932, 1931, 1928, 1923
800 WOOD ST	2022, 2020, 2017, 2014, 2010, 2000, 1999, 1995, 1993, 1992, 1986, 1981, 1976, 1971, 1966, 1961, 1957, 1951, 1949, 1947, 1941, 1932, 1931, 1928, 1923
805 WOOD	2022, 2020, 2017, 2014, 2010, 2005, 2000, 1999, 1995, 1993, 1992, 1986, 1981, 1976, 1971, 1966, 1961, 1951, 1949, 1947, 1941, 1932, 1931, 1928, 1923
808 S WOOD ST	2020, 2017, 2000, 1999, 1993, 1986, 1981, 1976, 1971, 1966, 1961, 1957, 1951, 1949, 1947, 1941, 1932, 1931, 1928, 1923
808 WOOD	2022, 2020, 2017, 2014, 2010, 2005, 2000, 1999, 1995, 1993, 1992, 1976, 1971, 1949, 1932, 1931, 1928, 1923
815 WOOD	2022, 2020, 2017, 2014, 2010, 2005, 2000, 1999, 1995, 1993, 1992, 1986, 1976, 1971, 1966, 1961, 1957, 1951, 1949, 1932, 1931, 1928
815 WOOD ST	2022, 2020, 2017, 2014, 2010, 2000, 1999, 1995, 1993, 1992, 1986, 1981, 1976, 1971, 1966, 1961, 1957, 1951, 1949, 1947, 1941, 1932, 1931, 1923
820 S WOOD ST	2020, 2017, 2014, 2005, 2000, 1999, 1995, 1993, 1992, 1986, 1981, 1976, 1971, 1966, 1961, 1957, 1951, 1949, 1947, 1941, 1932, 1931, 1928, 1923
821 WOOD	2022, 2020, 2017, 2014, 2010, 2005, 2000, 1999, 1995, 1993, 1992, 1986, 1981, 1976, 1971, 1966, 1961, 1957, 1951, 1949, 1947, 1941, 1932, 1928
821 WOOD ST	2022, 2020, 2017, 2014, 2010, 2005, 2000, 1999, 1995, 1993, 1992, 1986, 1981, 1976, 1971, 1966, 1961, 1957, 1951, 1949, 1947, 1941, 1932, 1931
825 WOOD	2022, 2020, 2017, 2014, 2010, 2005, 2000, 1999, 1995, 1993, 1992, 1986, 1981, 1976, 1971, 1966, 1961, 1957, 1951, 1949, 1941, 1932, 1928
825 WOOD ST	2022, 2020, 2017, 2014, 2010, 2005, 2000, 1999, 1995, 1993, 1992, 1986, 1981, 1976, 1971, 1966, 1961, 1957, 1951, 1949, 1947, 1941, 1932, 1931, 1923
826 WOOD	2022, 2020, 2017, 2014, 2010, 2005, 2000, 1999, 1995, 1993, 1992, 1986, 1981, 1976, 1971, 1966, 1961, 1957, 1951, 1949, 1947, 1941, 1932, 1928, 1923
827 WOOD	2022, 2020, 2017, 2014, 2010, 2005, 2000, 1999, 1995, 1993, 1992, 1986, 1981, 1976, 1971, 1966, 1961, 1951, 1949, 1932, 1931, 1928
827 WOOD ST	2022, 2020, 2017, 2014, 2010, 2005, 2000, 1999, 1995, 1993, 1992, 1986, 1981, 1976, 1971, 1966, 1961, 1957, 1951, 1949, 1947, 1941, 1932, 1931, 1923

FINDINGS

Address Researched	Address Not Identified in Research Source
829 WOOD	2022, 2020, 2017, 2014, 2010, 2005, 2000, 1999, 1995, 1993, 1992, 1986, 1981, 1976, 1971, 1966, 1961, 1957, 1951, 1949, 1947, 1941, 1932, 1931, 1928
829 WOOD ST	2022, 2020, 2017, 2014, 2010, 2005, 2000, 1999, 1995, 1993, 1992, 1986, 1981, 1976, 1971, 1966, 1961, 1957, 1951, 1949, 1947, 1941, 1932, 1931, 1923
830 WOOD	2022, 2020, 2017, 2014, 2010, 2005, 2000, 1999, 1995, 1993, 1992, 1986, 1981, 1976, 1971, 1966, 1961, 1957, 1951, 1949, 1932, 1928, 1923
831 WOOD	2022, 2020, 2017, 2014, 2010, 2005, 2000, 1999, 1995, 1993, 1992, 1986, 1981, 1976, 1971, 1966, 1961, 1957, 1951, 1949, 1941, 1932, 1931, 1928
831 WOOD ST	2022, 2020, 2017, 2014, 2010, 2005, 2000, 1999, 1995, 1993, 1992, 1986, 1981, 1976, 1971, 1966, 1961, 1957, 1951, 1949, 1947, 1941, 1932, 1931, 1923
834 WOOD ST	2022, 2020, 2017, 2014, 2010, 2000, 1999, 1995, 1993, 1992, 1986, 1981, 1976, 1971, 1966, 1961, 1957, 1951, 1949, 1947, 1941, 1932, 1931, 1928, 1923
836 WOOD ST	2022, 2020, 2017, 2014, 2010, 2000, 1999, 1995, 1993, 1992, 1986, 1981, 1976, 1971, 1966, 1961, 1957, 1951, 1949, 1947, 1941, 1932, 1931, 1928, 1923
837 WOOD	2022, 2020, 2017, 2014, 2010, 2005, 2000, 1999, 1995, 1993, 1992, 1986, 1981, 1976, 1971, 1966, 1961, 1957, 1951, 1949, 1932, 1928
837 WOOD ST	2022, 2020, 2017, 2014, 2010, 2005, 2000, 1999, 1995, 1993, 1992, 1986, 1981, 1976, 1971, 1966, 1961, 1957, 1951, 1949, 1947, 1941, 1932, 1931, 1923
839 WOOD	2022, 2020, 2017, 2014, 2010, 2005, 2000, 1999, 1995, 1993, 1992, 1986, 1981, 1976, 1971, 1966, 1961, 1957, 1951, 1949, 1941, 1932, 1928
839 WOOD ST	2022, 2020, 2017, 2014, 2010, 2005, 2000, 1999, 1995, 1993, 1992, 1986, 1981, 1976, 1971, 1966, 1961, 1957, 1951, 1949, 1947, 1941, 1932, 1931, 1923
840 S WOOD ST	2020, 1999, 1993, 1986, 1981, 1976, 1971, 1966, 1961, 1957, 1951, 1949, 1947, 1941, 1932, 1931, 1928, 1923
840 S WOOD ST MC 856	2022, 2020, 2014, 2010, 2005, 2000, 1999, 1995, 1993, 1992, 1986, 1981, 1976, 1971, 1966, 1961, 1957, 1951, 1949, 1947, 1941, 1932, 1931, 1928, 1923
840 WOOD	2022, 2020, 2017, 2014, 2010, 2005, 2000, 1999, 1995, 1993, 1992, 1951, 1949, 1947, 1941, 1932, 1931, 1928, 1923
840 WOOD ST	2022, 2020, 2017, 2014, 2010, 2000, 1999, 1995, 1993, 1992, 1986, 1976, 1971, 1966, 1961, 1957, 1951, 1949, 1947, 1941, 1932, 1931, 1928, 1923
845 WOOD	2022, 2020, 2017, 2014, 2010, 2005, 2000, 1999, 1995, 1993, 1992, 1986, 1981, 1976, 1971, 1966, 1961, 1957, 1951, 1949, 1947, 1941, 1932, 1931, 1928
853 WOOD ST	2022, 2020, 2017, 2014, 2010, 2000, 1999, 1995, 1993, 1992, 1986, 1981, 1976, 1971, 1966, 1961, 1957, 1951, 1949, 1947, 1941, 1932, 1931, 1928, 1923
855 WOOD ST	2022, 2020, 2017, 2014, 2010, 2000, 1999, 1995, 1993, 1992, 1986, 1981, 1976, 1971, 1966, 1961, 1957, 1951, 1949, 1947, 1941, 1932, 1931, 1928, 1923
858 WOOD	2022, 2020, 2017, 2014, 2010, 2005, 2000, 1999, 1995, 1993, 1992, 1986, 1981, 1976, 1971, 1966, 1961, 1957, 1951, 1949, 1947, 1941, 1932, 1931, 1928

TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

Address Researched	Address Not Identified in Research Source
833 S. Wood Street	2020, 2017, 2014, 2000, 1999, 1993, 1976, 1971, 1951, 1949, 1947, 1941, 1932

UIC Drug Discovery Center
833 S. Wood Street
Chicago, IL 60612

Inquiry Number: 8220050.2s
January 12, 2026

EDR Summary Radius Map Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

TABLE OF CONTENTS

LIGHTBOX LIVE

Open LightBox Live to access data, tools, and advanced analytics in one online platform.

http://www.web.edrnet.com/ordering/switchboard/login.aspx?s=goto_lightbox&pguid=01127A75-935B-4BAA-AFC6-5F8217A291B5

SECTION	PAGE
Executive Summary	ES1
Overview Map	2
Detail Map	3
Map Findings Summary	4
Map Findings	8
Orphan Summary	746
Government Records Searched/Data Currency Tracking	GR-1

GEOCHECK ADDENDUM

Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting Source Map	A-12
Physical Setting Source Map Findings	A-13
Physical Setting Source Records Searched	PSGR-1

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, LLC. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. This Report is provided on an "AS IS", "AS AVAILABLE" basis. **NO WARRANTY EXPRESS OR IMPLIED IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, LLC AND ITS SUBSIDIARIES, AFFILIATES AND THIRD PARTY SUPPLIERS DISCLAIM ALL WARRANTIES, OF ANY KIND OR NATURE, EXPRESS OR IMPLIED, ARISING OUT OF OR RELATED TO THIS REPORT OR ANY OF THE DATA AND INFORMATION PROVIDED IN THIS REPORT, INCLUDING WITHOUT LIMITATION, ANY WARRANTIES REGARDING ACCURACY, QUALITY, CORRECTNESS, COMPLETENESS, COMPREHENSIVENESS, SUITABILITY, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE, NON-INFRINGEMENT, MISAPPROPRIATION, OR OTHERWISE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, LLC OR ITS SUBSIDIARIES, AFFILIATES OR THIRD PARTY SUPPLIERS BE LIABLE TO ANYONE FOR ANY DIRECT, INCIDENTAL, INDIRECT, SPECIAL, CONSEQUENTIAL OR OTHER DAMAGES OF ANY TYPE OR KIND (INCLUDING BUT NOT LIMITED TO LOSS OF PROFITS, LOSS OF USE, OR LOSS OF DATA) INFORMATION PROVIDED IN THIS REPORT.** Any analyses, estimates, ratings, environmental risk levels, or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only an assessment performed by a qualified environmental professional can provide findings, opinions or conclusions regarding the environmental risk or conditions in, on or at any property.

Copyright 2026 by Environmental Data Resources, LLC. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, LLC, or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, LLC or its affiliates. All other trademarks used herein are the property of their respective owners.

EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E1527 - 21), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E2247 - 23), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E1528 - 22) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

833 S. WOOD STREET
CHICAGO, IL 60612

COORDINATES

Latitude (North):	41.8712850 - 41° 52' 16.62''
Longitude (West):	87.6699690 - 87° 40' 11.88''
Universal Tranverse Mercator:	Zone 16
UTM X (Meters):	444401.4
UTM Y (Meters):	4635489.0
Elevation:	593 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property:	TP
Source:	U.S. Geological Survey

Target Property:	N
Source:	U.S. Geological Survey

AERIAL PHOTOGRAPHY IN THIS REPORT

Photo Year:	2023
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
833 S. WOOD STREET
CHICAGO, IL 60612

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	UIC COLLEGE OF PHARM	833 833 S. WOOD ST.	E MANIFEST		TP
A2	COLLEGE OF PHARMACY	833 S WOOD ST	IL ASBESTOS, IL CHICAGO INSPECT		TP
A3	COLLEGE OF PHARMACY	833 S WOOD	IL ASBESTOS		TP
A4		833 S. WOODS ST.	IL SPILLS		TP
A5		833 S WOODS ST	IL SPILLS		TP
A6	COLLEGE OF PHARMACY	833 S WOOD	FINDS		TP
B7	UIC/LAUNDRY BUILDING	931 S HERMITAGE	IL TANKS		TP
B8		931 S HERMITAGE AVE	IL CHICAGO INSPECT, IL PERMITS		TP
B9	LAUNDRY BUILDING	931 S HERMITAGE AVE	IL UST		TP
A10	DELAURENTIS TONY	813 S PAULINA	EDR Hist Auto	Higher	72, 0.014, ESE
A11	WAH KEE	1708 POLK	EDR Hist Cleaner	Higher	86, 0.016, NNE
B12	KAPLAN JACOB	934 S WOOD	EDR Hist Cleaner	Higher	103, 0.020, SSW
B13	UNIV OF IL CHICAGO E	912 S PAULINA STREET	E MANIFEST	Higher	109, 0.021, SSE
B14	MICHIGAN DYE HOUSE	912 S PAULINA	EDR Hist Cleaner	Higher	109, 0.021, SSE
B15	U OF IL - HOSP & HEL	912 S PAULINA STREET	E MANIFEST	Higher	109, 0.021, SSE
B16	UNIV OF IL-HOSP & HL	912 S PAULINA STREET	E MANIFEST	Higher	109, 0.021, SSE
B17	RXW/U OF IL-HOSP & H	912 S PAULINA STREET	E MANIFEST	Higher	109, 0.021, SSE
B18	UNIVERSITY OF ILLINO	912 S PAULINA ST	E MANIFEST	Higher	109, 0.021, SSE
B19	RXW/U OF IL HOSP & H	912 S PAULINA ST	E MANIFEST	Higher	109, 0.021, SSE
B20	U OF IL-HOSP & HLTH	912 S PAULINA STREET	E MANIFEST	Higher	109, 0.021, SSE
B21	U OF IL-HOSP & HLTH	912 S PAULINA STREET	E MANIFEST	Higher	109, 0.021, SSE
B22	UNIV OF IL CHICAGO E	912 S PAULINA ST	E MANIFEST	Higher	109, 0.021, SSE
B23	U OF IL-HOSP & WITH	912 S PAULINA STREET	E MANIFEST	Higher	109, 0.021, SSE
B24	UNIV OF IL HOSPITAL	912 S PAULINA ST	E MANIFEST	Higher	109, 0.021, SSE
B25	UNIVERSITY OF ILLINO	912 S PAULINA ST	E MANIFEST	Higher	109, 0.021, SSE
C26	LEE CHONG	1736 TAYLOR	EDR Hist Cleaner	Higher	182, 0.034, SSW
C27	U OF IL-HOSP & HLTH-	1740 W TAYLOR ST ROO	E MANIFEST	Higher	188, 0.036, SSW
C28	UNIVERSITY OF ILLINO	1740 W TAYLOR STREET	E MANIFEST	Higher	188, 0.036, SSW
C29	U OF IL HOSP & HLTH	1740 W TAYLOR ST, RM	E MANIFEST	Higher	188, 0.036, SSW
C30	U OF IL HOSP & HLTH	1110 1740 W TAYLOR S	E MANIFEST	Higher	188, 0.036, SSW
C31	U OF IL HOSP & HITH-	1740 W TAYLOR ST ROO	E MANIFEST	Higher	188, 0.036, SSW
C32	U OF IL HOSP & HLTH	1110 1740 W TAYLOR S	E MANIFEST	Higher	188, 0.036, SSW
C33	U OF IL-HOSP & HLTH-	1740 W TAYLOR ST, RM	E MANIFEST	Higher	188, 0.036, SSW
D34	MANGOS HARRY	1002 S PAULINA	EDR Hist Cleaner	Higher	266, 0.050, SSE
E35	REPPLE ARCH METAL IN	933 S PAULINA ST	IL TANKS	Higher	270, 0.051, SSE
E36	POPES GARAGE	933 S PAULINA	EDR Hist Auto	Higher	270, 0.051, SSE
F37	WESTMINSTER FOUNDATI	729 S PAULINA ST	IL TANKS, IL CHICAGO INSPECT	Higher	288, 0.055, NE
D38	MOY SAM	1721 TAYLOR	EDR Hist Cleaner	Higher	294, 0.056, South
C39	TUCKER WM	1749 TAYLOR	EDR Hist Auto	Higher	305, 0.058, South

MAPPED SITES SUMMARY

Target Property Address:
833 S. WOOD STREET
CHICAGO, IL 60612

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
G40	UIC COLLEGE OF MEDIC	808 808 S. WOOD STRE	E MANIFEST	Higher	319, 0.060, West
G41	UNIVERSITY OF IL AT	840 S WOOD ST	CORRACTS, RCRA NonGen / NLR, E MANIFEST	Higher	358, 0.068, West
C42	RXW/UI HEALTH SPECIA	1009 S WOOD ST	E MANIFEST	Higher	360, 0.068, SSW
F43	RUSH/JOHNSTON R BOWM	710 S PAULINA ST	IL TANKS	Higher	369, 0.070, NNE
H44	UNIVERSITY OF ILLINO	715 S WOOD ST	NY MANIFEST	Higher	398, 0.075, NW
H45	UNIVERSITY OF ILLINO	715 S WOOD ST	CORRACTS, RCRA NonGen / NLR	Higher	398, 0.075, NW
I46	RUSH PRESBYTERIAN ME	700 SOUTH PAULINA ST	IL LUST	Higher	422, 0.080, NNE
I47	JOHNSTON R. BOWMAN B	700 S. PAULINA	UST FINDER	Higher	422, 0.080, NNE
I48	RUSH PRESBYTERIAN HO	700 S PAULINA ST	IL TANKS	Higher	422, 0.080, NNE
I49	JOHNSTON R. BOWMAN B	700 S. PAULINA	IL UST	Higher	422, 0.080, NNE
D50	WEST CAMPUS CO GENER	1717 WEST TAYLOR STR	UST FINDER	Higher	439, 0.083, South
D51	UIC COGENERATION FAC	1717 W TAYLOR ST	IL TANKS, IL PERMITS	Higher	439, 0.083, South
D52	UNIVSITY ILLINOIS OF	1717 W TAYLOR ST	E MANIFEST	Higher	439, 0.083, South
D53	UNIVERSITY OF ILLINO	1717 W TAYLOR ST	IL TANKS	Higher	439, 0.083, South
D54	UNIVERSITY OF IL @ C	1717 WEST TAYLOR	IL LUST	Higher	439, 0.083, South
D55	WEST CAMPUS CO GENER	1717 WEST TAYLOR STR	IL UST	Higher	439, 0.083, South
D56	METRO TANK VIC	1717 TAYLOR	E MANIFEST	Higher	439, 0.083, South
D57	UNIVERSITY OF ILLINO	1717 W TAYLOR ST	E MANIFEST	Higher	439, 0.083, South
D58		1717 WEST TAYLOR STR	MI MANIFEST	Higher	439, 0.083, South
D59	UNIVERSITY OF IL @ C	1717 WEST TAYLOR	UST FINDER RELEASE	Higher	439, 0.083, South
D60	MEDICAL CENTER	1717 W TAYLOR ST	IL TANKS	Higher	439, 0.083, South
H61	NATIONAL CENTER FOR	707 SOUTH WOOD STREE	IL LUST	Higher	440, 0.083, NNW
H62	COOK COUNTY SCHOOL O	707 S WOOD ST	IL TANKS	Higher	440, 0.083, NNW
H63	NATIONAL CENTER FOR	707 SOUTH WOOD STREE	UST FINDER RELEASE	Higher	440, 0.083, NNW
H64	NATL CTR FOR ADVANCE	707 S WOOD ST	IL UST	Higher	440, 0.083, NNW
65	UNIVERSITY OF ILLINO	1801 W TAYLOR ST	RCRA NonGen / NLR, E MANIFEST	Higher	445, 0.084, SSW
D66	WAH CHAS	1643 TAYLOR	EDR Hist Cleaner	Higher	452, 0.086, SSE
J67	PETRONE LUCIAN	1611 TAYLOR	EDR Hist Cleaner	Higher	483, 0.091, SSE
G68	COLLEGE OF MEDICINE	1819 W POLK ST	IL UST	Higher	492, 0.093, West
G69	COLLEGE OF MEDICINE	1819 W POLK ST	IL TANKS	Higher	492, 0.093, West
I70	COMED MANHOLE	W FLOURNOY & S PAULI	RCRA NonGen / NLR	Higher	505, 0.096, NNE
F71	UNION HEALTH SERVICE	1634 W POLK ST	RCRA NonGen / NLR, FINDS, ECHO, E MANIFEST	Higher	514, 0.097, ENE
K72	MEDICAL CENTRAL STEA	1001 S HERMITAGE AVE	IL TANKS	Higher	524, 0.099, South
L73	RUSH UNIVERSITY MEDI	1625 W FLOURNOY ST	IL TANKS, IL CHICAGO INSPECT, IL PERMITS	Higher	552, 0.105, NE
L74	RUSH MEDICAL CENTRAL	1625 W FLOURNOY ST	IL TANKS	Higher	552, 0.105, NE
H75	COOK COUNT HOSPITAL	700 S WOOD ST	IL TANKS	Higher	574, 0.109, NW
M76	RUSH UNIVERSITY	630 S HERMITAGE AVE	E MANIFEST	Higher	592, 0.112, NNW
H77	COOK COUNTY HOSPITAL	637 S. WOOD STREET	E MANIFEST	Higher	595, 0.113, NNW
H78	COOK COUNTY HOSPITAL	637 WOOD ST	RCRA NonGen / NLR, E MANIFEST	Higher	595, 0.113, NNW

MAPPED SITES SUMMARY

Target Property Address:
833 S. WOOD STREET
CHICAGO, IL 60612

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
J79	LUCAS ISIDORE	1624 TAYLOR	EDR Hist Cleaner	Higher	614, 0.116, SE
I80	SUPERCHARGED SPARKLI	624 S PAULINA ST	IL TANKS	Higher	640, 0.121, NNE
M81	RUSH UNIVERSITY MEDI	1725 W HARRISON ST	IL TANKS, IL ASBESTOS	Lower	691, 0.131, North
N82	UIC MOLECULAR BIOLOG	900 S ASHLAND AVE	IL TANKS	Higher	712, 0.135, ESE
N83	MOLECULAR BIOLOGY RE	900 SOUTH ASHLAND AV	UST FINDER	Higher	712, 0.135, ESE
N84	MOLECULAR BIOLOGY RE	900 S. ASHLAND AVE.	IL UST	Higher	712, 0.135, ESE
N85	STANDARD OIL COMPANY	938 S ASHLAND AVE	IL TANKS	Higher	712, 0.135, East
J86	DURSO MICHAEL SCHOOL	1601 W TAYLOR ST	RCRA-VSQG, FINDS, ECHO	Higher	721, 0.137, SE
M87	COOK COUNTY HOSPITAL	627 S. WOOD STREET	E MANIFEST	Lower	723, 0.137, NNW
K88	UNIVERSITY OF ILLINO	1110 S PAULINA ST #	MN MANIFEST	Higher	725, 0.137, South
K89	RXW/U OF IL HOSP & H	1110 912 S PAULINA S	E MANIFEST	Higher	725, 0.137, South
K90	UNIV OF IL CHICAGO E	1110 S PAULINA ST	E MANIFEST	Higher	725, 0.137, South
K91	UNIV OF IL CHICAGO E	1110 S. PAULINA	SEMS-ARCHIVE, RCRA-LQG, E MANIFEST	Higher	725, 0.137, South
O92	MALCOLM X COLLEGE PA	216 S WINCHESTER AVE	IL TANKS	Higher	731, 0.138, West
O93	MALCOLM X COLLEGE PA	216 S. WINCHESTER AV	IL UST	Higher	731, 0.138, West
O94	CITY COLLEGES OF CHI	216 SOUTH WINCHESTER	IL LUST	Higher	731, 0.138, West
O95	FRANK PONTERES	334 S WINCHESTER AVE	IL TANKS	Higher	734, 0.139, West
M96	CHICAGO TRANSIT AUTH	619 S HERMITAGE AVE	RCRA NonGen / NLR, FINDS, ECHO, E MANIFEST	Lower	803, 0.152, North
97	EDWARD C BAUM LITHOG	608 S PAULINA ST	IL TANKS	Lower	808, 0.153, North
98	UIC HEALTH & SAFETY		PFAS RCRA MANIFEST	Higher	834, 0.158, SSE
O99	COOK COUNTY HOSPITAL	1900 W POLK ST	IL TANKS	Higher	841, 0.159, WNW
O100	STROGER HOSPITAL ADM	1900 POLK ST	RCRA NonGen / NLR, FINDS	Higher	841, 0.159, WNW
O101	COOK COUNTY HOSPITAL	1900 WEST POLK ST.	UST FINDER RELEASE	Higher	841, 0.159, WNW
O102	COOK COUNTY HOSPITAL	1900 WEST POLK ST.	IL LUST	Higher	841, 0.159, WNW
P103	COHN RESEARCH BUILDI	1735 W. HARRISON STR	IL UST	Lower	862, 0.163, NNW
P104	COHN RESEARCH BUILDI	1735 W HARRISON ST	IL TANKS	Lower	862, 0.163, NNW
P105	COHN RESEARCH BUILDI	1735 W. HARRISON STR	UST FINDER	Lower	862, 0.163, NNW
P106	ST LUKES HOSPITAL	1743 W HARRISON	WI MANIFEST	Lower	882, 0.167, NNW
Q107	RUSH UNIVERSITY HOSP	1800 1800 W. HARRISO	E MANIFEST	Higher	908, 0.172, NW
108	UNIVERSITY OF ILL IN	1640 W ROOSEVELT RD	RCRA NonGen / NLR, FINDS, ECHO	Higher	974, 0.184, SSE
O109	NEW COOK COUNTY HOSP	1850 W POLK ST	IL TANKS	Higher	990, 0.188, West
O110	NEW COOK COUNTY HOSP	1850 W POLK	IL UST	Higher	990, 0.188, West
O111	NEW COOK COUNTY HOSP	1850 W POLK	UST FINDER	Higher	990, 0.188, West
R112	STATE OF ILL. MEDICA	1830 W GRENSHAW ST	IL TANKS	Higher	1016, 0.192, SSW
113	HOLY TRINITY CHURCH	918 S WOLCOTT AVE	IL TANKS	Higher	1031, 0.195, WSW
S114	COMPUS GREEN PARTNER	901 S ASHLAND AVE	IL TANKS	Higher	1046, 0.198, ESE
S115	CAMPUS GREEN APARTME	901 S ASHLAND AND 20	RCRA NonGen / NLR, FINDS, ECHO	Higher	1046, 0.198, ESE
116	UIC PUBLICATIONS	828 828 SOUTH WOLCOT	E MANIFEST	Higher	1052, 0.199, West
Q117	COOK CNTY HOSPITAL	1835 W HARRISON	WI MANIFEST	Lower	1087, 0.206, NW

MAPPED SITES SUMMARY

Target Property Address:
833 S. WOOD STREET
CHICAGO, IL 60612

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
Q118	COOK COUNTY HOSPITAL	1835 WEST HARRISON S	IL LUST	Lower	1087, 0.206, NW
Q119	FORMER COOK COUNTY H	1835 W HARRISON ST	IL TANKS	Lower	1087, 0.206, NW
Q120	COMED MANHOLE	1835 W HARRISON-B	RCRA NonGen / NLR	Lower	1087, 0.206, NW
Q121	COOK COUNTY HOSPITAL	1835 W HARRISON ST	IL TANKS	Lower	1087, 0.206, NW
Q122	COOK COUNT HOSPITAL	1835 W HARRISON ST	IL TANKS	Lower	1087, 0.206, NW
Q123	DELTA PIPING	1835 W HARRISON ST	IL TANKS	Lower	1087, 0.206, NW
Q124	COOK COUNTY HOSPITAL	1835 W. HARRISON STR	UST FINDER	Lower	1087, 0.206, NW
Q125	COOK COUNTY HOSPITAL	1835 W. HARRISON STR	IL UST	Lower	1087, 0.206, NW
Q126	COOK OUNTY HOSPITAL	1835 W HARRISON ST	IL TANKS	Lower	1087, 0.206, NW
R127	CHICAGO LIGHTHOUSE F	1850 WEST ROOSEVELT	PFAS ECHO	Higher	1141, 0.216, SSW
T128	ECONOMY MECH INDUSTR	1650 W HARRISON ST	IL TANKS	Lower	1144, 0.217, NNE
U129	JOHN STROGER HOSPITA	1969 1969 WEST OGDEN	E MANIFEST	Higher	1167, 0.221, WNW
U130	HAZ/JOHN H STROGER H	1969 W OGDEN AVE	E MANIFEST	Higher	1167, 0.221, WNW
U131	JOHN H STROGER HOSPI	1969 OGDEN AVENUE SU	E MANIFEST	Higher	1167, 0.221, WNW
U132	RXW/JOHN H STROGER H	1969 OGDEN AVE STE 1	E MANIFEST	Higher	1167, 0.221, WNW
T133	RUSH UNIVERSITY PATH	1653 W CONGRESS PARK	E MANIFEST	Lower	1181, 0.224, North
T134	RUSH UNIVERISTY MEDI	1653 WEST CONGRESS P	E MANIFEST	Lower	1181, 0.224, North
T135	RUSH UNIVERISTY MEDI	1653 W CONGRESS PKWY	E MANIFEST	Lower	1181, 0.224, North
T136	RUSH UMC - 108 KIDST	1653 W CONGRESS PKWY	E MANIFEST	Lower	1181, 0.224, North
T137	RUSH PRESBYTERIAN ST	1653 W. CONGRESS PKW	IL UST	Lower	1181, 0.224, North
T138	RUSH UNIVERSITY MEDI	1653 W CONGRESS PKWY	RCRA-LQG	Lower	1181, 0.224, North
T139	RUSH UNIVERSITY MEDI	1653 W CONGRESS PKWY	E MANIFEST	Lower	1181, 0.224, North
T140	RUSH UNIVERSITY	1653 W CONGRESS PKWY	E MANIFEST	Lower	1181, 0.224, North
T141	RUSH MEDICAL CTR.	1653 WEST CONGRESS P	IL LUST, IL ENG CONTROLS, IL INST CONTROL, IL SRP	Lower	1181, 0.224, North
T142	RUSH PRESBYTERIAN ST	1653 W. CONGRESS PKW	UST FINDER	Lower	1181, 0.224, North
T143	RUSH MEDICAL /ATRIUM	1653 W CONGRESS PKWY	IL TANKS	Lower	1181, 0.224, North
T144		1653 W CONGRESS PKWY	MI MANIFEST	Lower	1181, 0.224, North
T145	RUSH UNIVERSITY MEDI	1653 WEST CONGRESS P	E MANIFEST	Lower	1181, 0.224, North
V146	RUSH PRESBRYTERIAN S	1753 W CONGRESS PKWY	MN MANIFEST	Lower	1194, 0.226, NNW
V147	RUSH PRESBYTERIAN ST	1753 W CONGRESS PKWY	MN MANIFEST	Lower	1194, 0.226, NNW
148	U & I CLEANERS AND T	1657 W ROOSEVELT RD	IL DRYCLEANERS	Higher	1204, 0.228, South
V149	RUSH PRESBYTERIAN HO	1725 W CONGRESS PKWY	IL TANKS	Lower	1230, 0.233, North
W150	VACANT PROPERTY	1725 W ROOSEVELT RD	IL TANKS	Higher	1234, 0.234, South
W151	VACANT PROPERTY	1725 W ROOSEVELT RD	IL UST	Higher	1234, 0.234, South
T152	ATRIUM BUILDING	500 S. PAULINA	IL UST	Lower	1239, 0.235, North
T153	RUSH HOSP/WOMEN CANC	500 S PAULINA ST	IL TANKS	Lower	1239, 0.235, North
X154	RUSH HOSPITAL/KELLOG	1717 W CONGRESS PKWY	IL TANKS	Lower	1239, 0.235, North
X155	RUSH UNIVERSITY MEDI	1717 W CONGRESS PKWY	IL TANKS	Lower	1239, 0.235, North
X156	KELLOGG BUILDING	1717 WEST CONGRESS P	IL UST	Lower	1239, 0.235, North

MAPPED SITES SUMMARY

Target Property Address:
833 S. WOOD STREET
CHICAGO, IL 60612

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
V157	PRESBYTERIAN HOSPITA	1751 W CONGRESS PKWY	IL TANKS	Lower	1250, 0.237, NNW
U158	COUNTY OF COOK	735 S WINCHESTER AVE	IL TANKS	Higher	1252, 0.237, WNW
W159	IRVING NUGER	1731 W ROOSEVELT RD	IL TANKS	Higher	1256, 0.238, South
Y160	OK CLEANERS	1528 W TAYLOR ST	E MANIFEST	Higher	1261, 0.239, ESE
Y161	OK CLEANERS	1528 W TAYLOR	RCRA-SQG, IL INST CONTROL, IL SRP, FINDS, ECHO, IL...	Higher	1261, 0.239, ESE
Z162	RUSH UNIVERSITY MEDI	CORNER OF HARRISON &	IL LUST	Lower	1272, 0.241, NE
Z163	RUSH UNIVERSITY MEDI	CORNER OF HARRISON &	UST FINDER RELEASE	Lower	1272, 0.241, NE
AA164	CONSTRUCTION SITE/HO	1620 W HARRISON ST	IL TANKS	Lower	1277, 0.242, NNE
AA165	CONSTRUCTION SITE	1620 W. HARRISON	IL UST	Lower	1277, 0.242, NNE
AB166	BALABAU & KATZ	1641 W ROOSEVELT RD	IL TANKS	Higher	1302, 0.247, SSE
AC167	RXW/JOHN H STROGER H	1901 W HARRISON ST,	RCRA-SQG, ICIS, US AIRS, E MANIFEST	Higher	1305, 0.247, NW
AC168	COOK COUNTY HOSPITAL	1901 W HARRISON ST	NY MANIFEST	Higher	1305, 0.247, NW
AC169		1901 W HARRISON ST	MI MANIFEST	Higher	1305, 0.247, NW
AD170	LAUGHILL CONSTRUCTIO	ROOSEVELT & ASHLAND	IL LUST, IL SPILLS	Higher	1418, 0.269, SSE
AD171	LAUGHILL CONSTRUCTIO	ROOSEVELT & ASHLAND	UST FINDER RELEASE	Higher	1418, 0.269, SSE
172	MILE SQUARE HEALTH C	1220 SOUTH WOOD STRE	IL SRP	Higher	1419, 0.269, SSW
AB173	IL MEDICAL DIST.	S.W. CORNER ASHLAND	IL LUST	Higher	1466, 0.278, SSE
AB174	IL MEDICAL DIST.	N.W. CORNER ASHLAND	IL LUST	Higher	1466, 0.278, SSE
AB175	IL MEDICAL DIST.	S.E. CORNER PAULINA	IL LUST	Higher	1466, 0.278, SSE
AB176	IL MEDICAL DIST.	N.E. CORNER PAULINA	IL LUST	Higher	1466, 0.278, SSE
AD177	FORMER SHELL SERVICE	1549 WEST ROOSEVELT	UST FINDER RELEASE	Higher	1572, 0.298, SSE
AD178	FORMER SHELL SERVICE	1549 WEST ROOSEVELT	IL LUST	Higher	1572, 0.298, SSE
AD179	RAPATAS, PETER	1225 SOUTH ASHLAND A	UST FINDER RELEASE	Higher	1667, 0.316, SSE
AD180	RAPATAS, PETER	1225 SOUTH ASHLAND A	IL LUST	Higher	1667, 0.316, SSE
181	CVS PHARMACY 283	1926 W. HARRISON ST.	IL ENG CONTROLS, IL INST CONTROL, IL SRP, IL...	Lower	1714, 0.325, NW
182	RUSH PRESBYTERIAN ST	1700 W VAN BUREN	IL INST CONTROL, IL SRP, IL BOL	Lower	1818, 0.344, North
AE183	NATIONAL ITALIAN AME	1425-1431 WEST TAYLO	UST FINDER RELEASE	Higher	1845, 0.349, ESE
AE184	NATIONAL ITALIAN AME	1425-1431 WEST TAYLO	IL LUST	Higher	1845, 0.349, ESE
AF185	JESSE BROWN VA MEDIC	820 SOUTH DAMEN AVEN	IL LUST, IL TIER 2	Higher	1870, 0.354, West
AF186	LARA'S AUTO REPAIR	820 NORTH DAMEN AVE.	IL LUST	Higher	1870, 0.354, West
AG187	TEAMSTERS LOCAL 705	321 SOUTH PAULINA ST	IL ENG CONTROLS, IL INST CONTROL, IL SRP, IL...	Lower	2017, 0.382, North
188	AMOCO OIL CO. #18576	VANBUREN & ASHLAND	IL LUST	Lower	2018, 0.382, NNE
AG189	WEST SIDE REALTY COR	1655 WEST JACKSON	UST FINDER RELEASE	Lower	2101, 0.398, North
AG190	WEST SIDE REALTY COR	1655 WEST JACKSON	IL LUST	Lower	2101, 0.398, North
AG191	MATOCHA ASSOC.	1645 WEST JACKSON	UST FINDER RELEASE	Lower	2102, 0.398, North
AG192	MATOCHA ASSOC.	1645 WEST JACKSON	IL LUST	Lower	2102, 0.398, North
193	V.A. HOSPITAL WEST S	2079 WEST OGDEN AVE.	IL LUST	Higher	2139, 0.405, West
AH194	BLACKHAWK COMM ICE R	1801-1851 WEST JACKS	IL LUST	Lower	2158, 0.409, NNW
AH195	BLACKHAWK COMM ICE R	1801-1851 WEST JACKS	IL LUST	Lower	2158, 0.409, NNW

MAPPED SITES SUMMARY

Target Property Address:
833 S. WOOD STREET
CHICAGO, IL 60612

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
AH196	BLACKHAWK COMM ICE R	1801-1851 WEST JACKS	UST FINDER RELEASE	Lower	2158, 0.409, NNW
AH197	BLACKHAWK COMM ICE R	1801-1851 WEST JACKS	UST FINDER RELEASE	Lower	2158, 0.409, NNW
AI198	CITY COLLEGES OF CHI	1900 WEST VAN BUREN	UST FINDER RELEASE	Lower	2231, 0.423, NNW
AI199	CHICAGO, CITY OF FLE	1900 WEST VAN BUREN	UST FINDER RELEASE	Lower	2231, 0.423, NNW
AI200	MALCOLM X COLLEGE	1900 WEST VAN BUREN	IL ENG CONTROLS, IL INST CONTROL, IL SRP	Lower	2231, 0.423, NNW
AI201	CHICAGO, CITY OF FLE	1900 WEST VAN BUREN	IL LUST	Lower	2231, 0.423, NNW
AI202	CITY COLLEGES OF CHI	1900 WEST VAN BUREN	IL LUST	Lower	2231, 0.423, NNW
203	1300 ASHLAND OPPORTU	1319 SOUTH ASHLAND A	IL LUST, IL TANKS, IL ASBESTOS, IL Enforcement, IL...	Higher	2236, 0.423, SSE
204	LEAD PRODUCT PLANT	2639 WEST LEXINGTON	SEMS-ARCHIVE	Higher	2362, 0.447, West
AJ205	LA SALLE NATIONAL BA	1736-52 WEST OGDEN A	UST FINDER RELEASE	Lower	2366, 0.448, North
AJ206	N/A VACANT PARKING L	1736-52 WEST OGDEN A	IL LUST, IL UST	Lower	2366, 0.448, North
AK207	NOVAK CONSTRUCTION C	1430 SOUTH ASHLAND	IL LUST, IL TIER 2	Higher	2372, 0.449, South
AL208	PUBLIC BLDG. COMMISS	1240 SOUTH DAMEN AVE	IL LUST, IL ENG CONTROLS, IL INST CONTROL, IL SRP	Higher	2407, 0.456, SW
AL209	PUBLIC BLDG. COMMISS	1240 SOUTH DAMEN AVE	UST FINDER RELEASE	Higher	2407, 0.456, SW
210	TAYLOR ST LIBRARY &	1346 W TAYLOR ST	IL LUST, IL ENG CONTROLS, IL INST CONTROL, IL SRP,...	Higher	2431, 0.460, ESE
AM211	CIRCLE PARK APARTMEN	NW CORNER OF WEST RO	IL ENG CONTROLS, IL INST CONTROL, IL SRP	Higher	2447, 0.463, SE
212	CHICAGO HOUSING AUTH	1313 WEST ARTHINGTON	IL LUST	Higher	2485, 0.471, East
AK213	MEDICAL CTR. COMMISS	1705 WEST 14TH ST.	UST FINDER RELEASE	Higher	2510, 0.475, South
AK214	MEDICAL CTR. COMMISS	1705 WEST 14TH ST.	IL LUST	Higher	2510, 0.475, South
AM215	ABLA PHASE II - SOS	1350 WEST ROOSEVELT	IL ENG CONTROLS, IL INST CONTROL, IL SRP	Higher	2547, 0.482, ESE
216	UNION MEDICAL CENTER	1649 WEST ADAMS ST.	IL LUST	Higher	2598, 0.492, North
217	MIDWEST ELECTRIC MAN	1639 WEST WALNUT STR	SEMS-ARCHIVE, CORRACTS, RCRA-TSDF, IL LUST, IL ENG..	Higher	5229, 0.990, North

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 8 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
UIC COLLEGE OF PHARM 833 833 S. WOOD ST. CHICAGO, IL 60612	E MANIFEST	N/A
COLLEGE OF PHARMACY 833 S WOOD ST CHICAGO, IL	IL ASBESTOS Database: ASBESTOS, Date of Government Version: 05/23/2025 Database: CHICAGO ASBESTOS, Date of Government Version: 09/08/2025 IL CHICAGO INSPECT	N/A
COLLEGE OF PHARMACY 833 S WOOD CHICAGO, IL 60612	IL ASBESTOS Database: ASBESTOS, Date of Government Version: 05/23/2025	N/A
833 S. WOODS ST. 833 S. WOODS ST. CHICAGO, IL	IL SPILLS Database: IEMA SPILLS, Date of Government Version: 10/20/2025	N/A
833 S WOODS ST 833 S WOODS ST CHICAGO, IL	IL SPILLS Database: SPILLS, Date of Government Version: 07/10/2025 Incident ID: 19903189	N/A
COLLEGE OF PHARMACY 833 S WOOD CHICAGO, IL 60612	FINDS Registry ID:: 110037152354	N/A
UIC/LAUNDRY BUILDING 931 S HERMITAGE CHICAGO, IL	IL TANKS	N/A
931 S HERMITAGE AVE 931 S HERMITAGE AVE CHICAGO, IL	IL CHICAGO INSPECT IL PERMITS	N/A
LAUNDRY BUILDING 931 S HERMITAGE AVE CHICAGO, IL 60612	IL UST Facility Id: 2040216 Tank Status: Removed Status: EXEMPT	N/A

EXECUTIVE SUMMARY

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE: A review of the SEMS-ARCHIVE list, as provided by EDR, and dated 09/29/2025 has revealed that there are 2 SEMS-ARCHIVE sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
UNIV OF IL CHICAGO E Site ID: 0507505 EPA Id: ILD984906198	***1110 S. PAULINA***	***S 1/8 - 1/4 (0.137 mi.)***	***K91***	***24***
LEAD PRODUCT PLANT Site ID: 0500616 EPA Id: ILD980606461	2639 WEST LEXINGTON	W 1/4 - 1/2 (0.447 mi.)	204	48

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: A review of the CORRACTS list, as provided by EDR, and dated 11/30/2025 has revealed that there are 3 CORRACTS sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
UNIVERSITY OF IL AT EPA ID:: ILD984910414	***840 S WOOD ST***	***W 0 - 1/8 (0.068 mi.)***	***G41***	***14***
UNIVERSITY OF ILLINO EPA ID:: ILD074400946	***715 S WOOD ST***	***NW 0 - 1/8 (0.075 mi.)***	***H45***	***15***
MIDWEST ELECTRIC MAN EPA ID:: ILD059453373	***1639 WEST WALNUT STR***	***N 1/2 - 1 (0.990 mi.)***	***217***	***52***

EXECUTIVE SUMMARY

Lists of Federal RCRA generators

RCRA-LQG: A review of the RCRA-LQG list, as provided by EDR, and dated 11/30/2025 has revealed that there are 2 RCRA-LQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
UNIV OF IL CHICAGO E EPA ID:: ILD984906198	***1110 S. PAULINA***	***S 1/8 - 1/4 (0.137 mi.)***	***K91***	***24***

Lower Elevation	Address	Direction / Distance	Map ID	Page
RUSH UNIVERSITY MEDI EPA ID:: ILD068610245	1653 W CONGRESS PKWY	N 1/8 - 1/4 (0.224 mi.)	T138	34

RCRA-SQG: A review of the RCRA-SQG list, as provided by EDR, and dated 11/30/2025 has revealed that there are 2 RCRA-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
OK CLEANERS EPA ID:: ILD984851014	***1528 W TAYLOR***	***ESE 1/8 - 1/4 (0.239 mi.)***	***Y161***	***38***
RXW/JOHN H STROGER H EPA ID:: ILD021295738	***1901 W HARRISON ST,***	***NW 1/8 - 1/4 (0.247 mi.)***	***AC167***	***40***

RCRA-VSQG: A review of the RCRA-VSQG list, as provided by EDR, and dated 11/30/2025 has revealed that there is 1 RCRA-VSQG site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DURSO MICHAEL SCHOOL EPA ID:: ILD093173490	***1601 W TAYLOR ST***	***SE 1/8 - 1/4 (0.137 mi.)***	***J86***	***23***

Lists of state and tribal leaking storage tanks

IL LUST: A review of the IL LUST list, as provided by EDR, and dated 10/13/2025 has revealed that there are 34 IL LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
RUSH PRESBYTERIAN ME Incident Num: 20020468 IL EPA Id: 0316286262	700 SOUTH PAULINA ST	NNE 0 - 1/8 (0.080 mi.)	I46	15
UNIVERSITY OF IL @ C Incident Num: 20002244 IL EPA Id: 0316005597	1717 WEST TAYLOR	S 0 - 1/8 (0.083 mi.)	D54	17
NATIONAL CENTER FOR	707 SOUTH WOOD STREE	NNW 0 - 1/8 (0.083 mi.)	H61	18

NFA/NFR Letter: 1994-06-01 Incident Num: 940017 IL EPA Id: 0316286251				
CITY COLLEGES OF CHI Incident Num: 20131200 IL EPA Id: 0316275359	216 SOUTH WINCHESTER	W 1/8 - 1/4 (0.138 mi.)	O94	25
COOK COUNTY HOSPITAL Incident Num: 961004 IL EPA Id: 0316275102	1900 WEST POLK ST.	WNW 1/8 - 1/4 (0.159 mi.)	O102	27
LAUGHILL CONSTRUCTIO Incident Num: 20070299 IL EPA Id: 0316325462	***ROOSEVELT & ASHLAND***	***SSE 1/4 - 1/2 (0.269 mi.)***	***AD170***	***40***
IL MEDICAL DIST. NFA/NFR Letter: 2001-03-01 Incident Num: 20001600 IL EPA Id: 0316275187	S.W. CORNER ASHLAND	SSE 1/4 - 1/2 (0.278 mi.)	AB173	41
IL MEDICAL DIST. NFA/NFR Letter: 2001-03-01 Incident Num: 20001601 IL EPA Id: 0316275187	N.W. CORNER ASHLAND	SSE 1/4 - 1/2 (0.278 mi.)	AB174	41
IL MEDICAL DIST. NFA/NFR Letter: 2001-03-01 Incident Num: 20001599 IL EPA Id: 0316275187	S.E. CORNER PAULINA	SSE 1/4 - 1/2 (0.278 mi.)	AB175	41
IL MEDICAL DIST. NFA/NFR Letter: 2001-03-01 Incident Num: 20001598 IL EPA Id: 0316275187	N.E. CORNER PAULINA	SSE 1/4 - 1/2 (0.278 mi.)	AB176	42
FORMER SHELL SERVICE NFA/NFR Letter: 2004-06-15 Incident Num: 992426 IL EPA Id: 0316286256	1549 WEST ROOSEVELT	SSE 1/4 - 1/2 (0.298 mi.)	AD178	42
RAPATAS, PETER NFA/NFR Letter: 2004-11-01 Incident Num: 20021258 IL EPA Id: 0316315255	1225 SOUTH ASHLAND A	SSE 1/4 - 1/2 (0.316 mi.)	AD180	42
NATIONAL ITALIAN AME NFA/NFR Letter: 2000-11-29 Incident Num: 20000466 IL EPA Id: 0316286486	1425-1431 WEST TAYLO	ESE 1/4 - 1/2 (0.349 mi.)	AE184	44
JESSE BROWN VA MEDIC Incident Num: 20190627 IL EPA Id: 0316280051	***820 SOUTH DAMEN AVEN***	***W 1/4 - 1/2 (0.354 mi.)***	***AF185***	***44***
LARA'S AUTO REPAIR Incident Num: 20120725 Incident Num: 912826 IL EPA Id: 0316280051 IL EPA Id: 0316245093	820 NORTH DAMEN AVE.	W 1/4 - 1/2 (0.354 mi.)	AF186	44
V.A. HOSPITAL WEST S Incident Num: 20031376	2079 WEST OGDEN AVE.	W 1/4 - 1/2 (0.405 mi.)	193	46

IL EPA Id: 0316280051				
1300 ASHLAND OPPORTU	***1319 SOUTH ASHLAND A***	***SSE 1/4 - 1/2 (0.423 mi.)***	***203***	***48***
NFA/NFR Letter: 2020-07-28 Incident Num: 20200015 IL EPA Id: 0316315341				
NOVAK CONSTRUCTION C	***1430 SOUTH ASHLAND***	***S 1/4 - 1/2 (0.449 mi.)***	***AK207***	***49***
Incident Num: 20120317 IL EPA Id: 0316605149				
PUBLIC BLDG. COMMISS	***1240 SOUTH DAMEN AVE***	***SW 1/4 - 1/2 (0.456 mi.)***	***AL208***	***49***
Incident Num: 20000159 IL EPA Id: 0316315210				
TAYLOR ST LIBRARY &	***1346 W TAYLOR ST***	***ESE 1/4 - 1/2 (0.460 mi.)***	***210***	***49***
Incident Num: 20181076 IL EPA Id: 0316287086				
CHICAGO HOUSING AUTH	1313 WEST ARTHINGTON	E 1/4 - 1/2 (0.471 mi.)	212	50
Incident Num: 20070786 IL EPA Id: 0316286496				
MEDICAL CTR. COMMISS	1705 WEST 14TH ST.	S 1/4 - 1/2 (0.475 mi.)	AK214	51
NFA/NFR Letter: 2012-09-04 Incident Num: 902290 IL EPA Id: 0311625059				
UNION MEDICAL CENTER	1649 WEST ADAMS ST.	N 1/4 - 1/2 (0.492 mi.)	216	51
Incident Num: 970047 IL EPA Id: 0316286381				

Lower Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
COOK COUNTY HOSPITAL	1835 WEST HARRISON S	NW 1/8 - 1/4 (0.206 mi.)	Q118	30
NFA/NFR Letter: 2009-01-27 Incident Num: 20080452 IL EPA Id: 0316285031				
RUSH MEDICAL CTR.	***1653 WEST CONGRESS P***	***N 1/8 - 1/4 (0.224 mi.)***	***T141***	***34***
Incident Num: 940566 IL EPA Id: 0316286262				
RUSH UNIVERSITY MEDI	CORNER OF HARRISON &	NE 1/8 - 1/4 (0.241 mi.)	Z162	39
NFA/NFR Letter: 2012-03-06 Incident Num: 20081667 IL EPA Id: 0316275076				
AMOCO OIL CO. #18576	VANBUREN & ASHLAND	NNE 1/4 - 1/2 (0.382 mi.)	188	45
NFA/NFR Letter: 2001-03-13 Incident Num: 931678 IL EPA Id: 0316275049				
WEST SIDE REALTY COR	1655 WEST JACKSON	N 1/4 - 1/2 (0.398 mi.)	AG190	45
NFA/NFR Letter: 1994-01-03 Incident Num: 920737 IL EPA Id: 0316275063				
MATOCHA ASSOC.	1645 WEST JACKSON	N 1/4 - 1/2 (0.398 mi.)	AG192	45
NFA/NFR Letter: 1993-09-14 Incident Num: 922126 IL EPA Id: 0316275070				
BLACKHAWK COMM ICE R	1801-1851 WEST JACKS	NNW 1/4 - 1/2 (0.409 mi.)	AH194	46

Incident Num: 20160834 IL EPA Id: 0316275378				
BLACKHAWK COMM ICE R Incident Num: 20170384 IL EPA Id: 0316275378	1801-1851 WEST JACKS	NNW 1/4 - 1/2 (0.409 mi.)	AH195	46
CHICAGO, CITY OF FLE Incident Num: 20160323 IL EPA Id: 0316275016	1900 WEST VAN BUREN	NNW 1/4 - 1/2 (0.423 mi.)	AI201	47
CITY COLLEGES OF CHI Incident Num: 20160240 IL EPA Id: 0316275016	1900 WEST VAN BUREN	NNW 1/4 - 1/2 (0.423 mi.)	AI202	47
N/A VACANT PARKING L NFA/NFR Letter: 1999-06-17 Incident Num: 981300 IL EPA Id: 0316275150	***1736-52 WEST OGDEN A***	***N 1/4 - 1/2 (0.448 mi.)***	***AJ206***	***48***

Lists of state and tribal registered storage tanks

IL UST: A review of the IL UST list, as provided by EDR, and dated 10/03/2025 has revealed that there are 14 IL UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
JOHNSTON R. BOWMAN B Facility Id: 2043098 Tank Status: Currently in use Status: ACTIVE	700 S. PAULINA	NNE 0 - 1/8 (0.080 mi.)	I49	16
WEST CAMPUS CO GENER Facility Id: 2035818 Tank Status: Currently in use Status: ACTIVE	1717 WEST TAYLOR STR	S 0 - 1/8 (0.083 mi.)	D55	17
NATL CTR FOR ADVANCE Facility Id: 2032991 Tank Status: Removed Status: EXEMPT	707 S WOOD ST	NNW 0 - 1/8 (0.083 mi.)	H64	19
COLLEGE OF MEDICINE Facility Id: 2036827 Tank Status: Pre 1974 Status: EXEMPT	1819 W POLK ST	W 0 - 1/8 (0.093 mi.)	G68	20
MOLECULAR BIOLOGY RE Facility Id: 2043956 Tank Status: Currently in use Status: ACTIVE	900 S. ASHLAND AVE.	ESE 1/8 - 1/4 (0.135 mi.)	N84	23
MALCOLM X COLLEGE PA Facility Id: 2045504 Tank Status: Removed Status: EXEMPT	216 S. WINCHESTER AV	W 1/8 - 1/4 (0.138 mi.)	O93	25
NEW COOK COUNTY HOSP	1850 W POLK	W 1/8 - 1/4 (0.188 mi.)	O110	28

Facility Id: 2040139 Tank Status: Currently in use Status: ACTIVE				
VACANT PROPERTY Facility Id: 2041024 Tank Status: Removed Status: EXEMPT	1725 W ROOSEVELT RD	S 1/8 - 1/4 (0.234 mi.)	W151	36

Lower Elevation	Address	Direction / Distance	Map ID	Page
COHN RESEARCH BUILDI Facility Id: 2039410 Tank Status: Currently in use Status: ACTIVE	1735 W. HARRISON STR	NNW 1/8 - 1/4 (0.163 mi.)	P103	27
COOK COUNTY HOSPITAL Facility Id: 2036012 Tank Status: Removed Tank Status: Aboveground Status: CLOSED	1835 W. HARRISON STR	NW 1/8 - 1/4 (0.206 mi.)	Q125	31
RUSH PRESBYTERIAN ST Facility Id: 2030979 Tank Status: Removed Tank Status: Moved Status: CLOSED	1653 W. CONGRESS PKW	N 1/8 - 1/4 (0.224 mi.)	T137	33
ATRIUM BUILDING Facility Id: 2043096 Tank Status: Abandoned in place Status: CLOSED	500 S. PAULINA	N 1/8 - 1/4 (0.235 mi.)	T152	36
KELLOGG BUILDING Facility Id: 2043097 Tank Status: Abandoned in place Status: CLOSED	1717 WEST CONGRESS P	N 1/8 - 1/4 (0.235 mi.)	X156	37
CONSTRUCTION SITE Facility Id: 2044210 Tank Status: Removed Status: EXEMPT	1620 W. HARRISON	NNE 1/8 - 1/4 (0.242 mi.)	AA165	39

State and tribal institutional control / engineering control registries

IL ENG CONTROLS: A review of the IL ENG CONTROLS list, as provided by EDR, and dated 12/10/2025 has revealed that there are 8 IL ENG CONTROLS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PUBLIC BLDG. COMMISS Illinois Epa Id: 316315210	***1240 SOUTH DAMEN AVE***	***SW 1/4 - 1/2 (0.456 mi.)***	***AL208***	***49***
TAYLOR ST LIBRARY & Illinois Epa Id: 316287086	***1346 W TAYLOR ST***	***ESE 1/4 - 1/2 (0.460 mi.)***	***210***	***49***
CIRCLE PARK APARTMEN	***NW CORNER OF WEST RO***	***SE 1/4 - 1/2 (0.463 mi.)***	***AM211***	***50***

Illinois Epa Id: 316605178

ABLA PHASE II - SOS Illinois Epa Id: 316605065	***1350 WEST ROOSEVELT***	***ESE 1/4 - 1/2 (0.482 mi.)***	***AM215***	***51***

Lower Elevation	Address	Direction / Distance	Map ID	Page
RUSH MEDICAL CTR. Illinois Epa Id: 316286262	***1653 WEST CONGRESS P***	***N 1/8 - 1/4 (0.224 mi.)***	***T141***	***34***
CVS PHARMACY 283 Illinois Epa Id: 316275353	***1926 W. HARRISON ST.***	***NW 1/4 - 1/2 (0.325 mi.)***	***181***	***43***
TEAMSTERS LOCAL 705 Illinois Epa Id: 316275386	***321 SOUTH PAULINA ST***	***N 1/4 - 1/2 (0.382 mi.)***	***AG187***	***44***
MALCOLM X COLLEGE Illinois Epa Id: 316275016	***1900 WEST VAN BUREN***	***NNW 1/4 - 1/2 (0.423 mi.)***	***AI200***	***47***

IL INST CONTROL: A review of the IL INST CONTROL list, as provided by EDR, and dated 12/10/2025 has revealed that there are 10 IL INST CONTROL sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
OK CLEANERS Illinois EPA Id: 316285170	***1528 W TAYLOR***	***ESE 1/8 - 1/4 (0.239 mi.)***	***Y161***	***38***
PUBLIC BLDG. COMMISS Illinois EPA Id: 316315210	***1240 SOUTH DAMEN AVE***	***SW 1/4 - 1/2 (0.456 mi.)***	***AL208***	***49***
TAYLOR ST LIBRARY & Illinois EPA Id: 316287086	***1346 W TAYLOR ST***	***ESE 1/4 - 1/2 (0.460 mi.)***	***210***	***49***
CIRCLE PARK APARTMEN Illinois EPA Id: 316605178	***NW CORNER OF WEST RO***	***SE 1/4 - 1/2 (0.463 mi.)***	***AM211***	***50***
ABLA PHASE II - SOS Illinois EPA Id: 316605065	***1350 WEST ROOSEVELT***	***ESE 1/4 - 1/2 (0.482 mi.)***	***AM215***	***51***

Lower Elevation	Address	Direction / Distance	Map ID	Page
RUSH MEDICAL CTR. Illinois EPA Id: 316286262	***1653 WEST CONGRESS P***	***N 1/8 - 1/4 (0.224 mi.)***	***T141***	***34***
CVS PHARMACY 283 Illinois EPA Id: 316275353	***1926 W. HARRISON ST.***	***NW 1/4 - 1/2 (0.325 mi.)***	***181***	***43***
RUSH PRESBYTERIAN ST Illinois EPA Id: 316275223	***1700 W VAN BUREN***	***N 1/4 - 1/2 (0.344 mi.)***	***182***	***43***
TEAMSTERS LOCAL 705 Illinois EPA Id: 316275386	***321 SOUTH PAULINA ST***	***N 1/4 - 1/2 (0.382 mi.)***	***AG187***	***44***
MALCOLM X COLLEGE Illinois EPA Id: 316275016	***1900 WEST VAN BUREN***	***NNW 1/4 - 1/2 (0.423 mi.)***	***AI200***	***47***

Lists of state and tribal voluntary cleanup sites

IL SRP: A review of the IL SRP list, as provided by EDR, and dated 12/10/2025 has revealed that there are 11 IL SRP sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
OK CLEANERS IL EPA Id: 316285170	***1528 W TAYLOR***	***ESE 1/8 - 1/4 (0.239 mi.)***	***Y161***	***38***
MILE SQUARE HEALTH C IL EPA Id: 316605154	1220 SOUTH WOOD STRE	SSW 1/4 - 1/2 (0.269 mi.)	172	41
PUBLIC BLDG. COMMISS IL EPA Id: 316315210	***1240 SOUTH DAMEN AVE***	***SW 1/4 - 1/2 (0.456 mi.)***	***AL208***	***49***
TAYLOR ST LIBRARY & IL EPA Id: 316287086	***1346 W TAYLOR ST***	***ESE 1/4 - 1/2 (0.460 mi.)***	***210***	***49***
CIRCLE PARK APARTMEN IL EPA Id: 316605178	***NW CORNER OF WEST RO***	***SE 1/4 - 1/2 (0.463 mi.)***	***AM211***	***50***
ABLA PHASE II - SOS IL EPA Id: 316605065	***1350 WEST ROOSEVELT***	***ESE 1/4 - 1/2 (0.482 mi.)***	***AM215***	***51***

Lower Elevation	Address	Direction / Distance	Map ID	Page
RUSH MEDICAL CTR. IL EPA Id: 316286262	***1653 WEST CONGRESS P***	***N 1/8 - 1/4 (0.224 mi.)***	***T141***	***34***
CVS PHARMACY 283 IL EPA Id: 316275353	***1926 W. HARRISON ST.***	***NW 1/4 - 1/2 (0.325 mi.)***	***181***	***43***
RUSH PRESBYTERIAN ST IL EPA Id: 316275223	***1700 W VAN BUREN***	***N 1/4 - 1/2 (0.344 mi.)***	***182***	***43***
TEAMSTERS LOCAL 705 IL EPA Id: 316275386	***321 SOUTH PAULINA ST***	***N 1/4 - 1/2 (0.382 mi.)***	***AG187***	***44***
MALCOLM X COLLEGE IL EPA Id: 316275016	***1900 WEST VAN BUREN***	***NNW 1/4 - 1/2 (0.423 mi.)***	***AI200***	***47***

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Registered Storage Tanks

IL TANKS: A review of the IL TANKS list, as provided by EDR, and dated 03/31/2025 has revealed that there are 43 IL TANKS sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
REPPLE ARCH METAL IN	933 S PAULINA ST	SSE 0 - 1/8 (0.051 mi.)	E35	13
WESTMINSTER FOUNDATI	***729 S PAULINA ST***	***NE 0 - 1/8 (0.055 mi.)***	***F37***	***14***
RUSH/JOHNSTON R BOWM	710 S PAULINA ST	NNE 0 - 1/8 (0.070 mi.)	F43	15
RUSH PRESBYTERIAN HO	700 S PAULINA ST	NNE 0 - 1/8 (0.080 mi.)	I48	16
UIC COGENERATION FAC	***1717 W TAYLOR ST***	***S 0 - 1/8 (0.083 mi.)***	***D51***	***16***
UNIVERSITY OF ILLINO	1717 W TAYLOR ST	S 0 - 1/8 (0.083 mi.)	D53	17
MEDICAL CENTER	1717 W TAYLOR ST	S 0 - 1/8 (0.083 mi.)	D60	18

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
COOK COUNTY SCHOOL O	707 S WOOD ST	NNW 0 - 1/8 (0.083 mi.)	H62	19
COLLEGE OF MEDICINE	1819 W POLK ST	W 0 - 1/8 (0.093 mi.)	G69	20
MEDICAL CENTRAL STEA	1001 S HERMITAGE AVE	S 0 - 1/8 (0.099 mi.)	K72	21
RUSH UNIVERSITY MEDI	***1625 W FLOURNOY ST***	***NE 0 - 1/8 (0.105 mi.)***	***L73***	***21***
RUSH MEDICAL CENTRAL	1625 W FLOURNOY ST	NE 0 - 1/8 (0.105 mi.)	L74	21
COOK COUNT HOSPITAL	700 S WOOD ST	NW 0 - 1/8 (0.109 mi.)	H75	21
SUPERCHARGED SPARKLI	624 S PAULINA ST	NNE 0 - 1/8 (0.121 mi.)	I80	22
UIC MOLECULAR BIOLOG	900 S ASHLAND AVE	ESE 1/8 - 1/4 (0.135 mi.)	N82	22
STANDARD OIL COMPANY	938 S ASHLAND AVE	E 1/8 - 1/4 (0.135 mi.)	N85	23
MALCOLM X COLLEGE PA	216 S WINCHESTER AVE	W 1/8 - 1/4 (0.138 mi.)	O92	25
FRANK PONTERES	334 S WINCHESTER AVE	W 1/8 - 1/4 (0.139 mi.)	O95	25
COOK COUNTY HOSPITAL	1900 W POLK ST	WNW 1/8 - 1/4 (0.159 mi.)	O99	26
NEW COOK COUNTY HOSP	1850 W POLK ST	W 1/8 - 1/4 (0.188 mi.)	O109	28
STATE OF ILL. MEDICA	1830 W GRENSHAW ST	SSW 1/8 - 1/4 (0.192 mi.)	R112	29
HOLY TRINITY CHURCH	918 S WOLCOTT AVE	WSW 1/8 - 1/4 (0.195 mi.)	113	29
COMPUS GREEN PARTNER	901 S ASHLAND AVE	ESE 1/8 - 1/4 (0.198 mi.)	S114	29
VACANT PROPERTY	1725 W ROOSEVELT RD	S 1/8 - 1/4 (0.234 mi.)	W150	36
COUNTY OF COOK	735 S WINCHESTER AVE	WNW 1/8 - 1/4 (0.237 mi.)	U158	38
IRVING NUGER	1731 W ROOSEVELT RD	S 1/8 - 1/4 (0.238 mi.)	W159	38
BALABAU & KATZ	1641 W ROOSEVELT RD	SSE 1/8 - 1/4 (0.247 mi.)	AB166	39

Lower Elevation	Address	Direction / Distance	Map ID	Page
RUSH UNIVERSITY MEDI	***1725 W HARRISON ST***	***N 1/8 - 1/4 (0.131 mi.)***	***M81***	***22***
EDWARD C BAUM LITHOG	608 S PAULINA ST	N 1/8 - 1/4 (0.153 mi.)	97	26
COHN RESEARCH BUILDI	1735 W HARRISON ST	NNW 1/8 - 1/4 (0.163 mi.)	P104	27
FORMER COOK COUNTY H	1835 W HARRISON ST	NW 1/8 - 1/4 (0.206 mi.)	Q119	30
COOK COUNTY HOSPITAL	1835 W HARRISON ST	NW 1/8 - 1/4 (0.206 mi.)	Q121	31
COOK COUNT HOSPITAL	1835 W HARRISON ST	NW 1/8 - 1/4 (0.206 mi.)	Q122	31
DELTA PIPING	1835 W HARRISON ST	NW 1/8 - 1/4 (0.206 mi.)	Q123	31
COOK OUNTY HOSPITAL	1835 W HARRISON ST	NW 1/8 - 1/4 (0.206 mi.)	Q126	32
ECONOMY MECH INDUSTR	1650 W HARRISON ST	NNE 1/8 - 1/4 (0.217 mi.)	T128	32
RUSH MEDICAL /ATRIUM	1653 W CONGRESS PKWY	N 1/8 - 1/4 (0.224 mi.)	T143	35
RUSH PRESBYTERIAN HO	1725 W CONGRESS PKWY	N 1/8 - 1/4 (0.233 mi.)	V149	36
RUSH HOSP/WOMEN CANC	500 S PAULINA ST	N 1/8 - 1/4 (0.235 mi.)	T153	37
RUSH HOSPITAL/KELLOG	1717 W CONGRESS PKWY	N 1/8 - 1/4 (0.235 mi.)	X154	37
RUSH UNIVERSITY MEDI	1717 W CONGRESS PKWY	N 1/8 - 1/4 (0.235 mi.)	X155	37
PRESBYTERIAN HOSPITA	1751 W CONGRESS PKWY	NNW 1/8 - 1/4 (0.237 mi.)	V157	37
CONSTRUCTION SITE/HO	1620 W HARRISON ST	NNE 1/8 - 1/4 (0.242 mi.)	AA164	39

Other Ascertainable Records

RCRA NonGen / NLR: A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 11/30/2025 has revealed that there are 11 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
UNIVERSITY OF IL AT EPA ID:: ILD984910414	***840 S WOOD ST***	***W 0 - 1/8 (0.068 mi.)***	***G41***	***14***
UNIVERSITY OF ILLINO	***715 S WOOD ST***	***NW 0 - 1/8 (0.075 mi.)***	***H45***	***15***

EPA ID:: ILD074400946				
UNIVERSITY OF ILLINO	***1801 W TAYLOR ST***	***SSW 0 - 1/8 (0.084 mi.)***	***65***	***19***
EPA ID:: ILR000210930				
COMED MANHOLE	W FLOURNOY & S PAULI	NNE 0 - 1/8 (0.096 mi.)	I70	20
EPA ID:: ILR000150805				
UNION HEALTH SERVICE	***1634 W POLK ST***	***ENE 0 - 1/8 (0.097 mi.)***	***F71***	***20***
EPA ID:: ILD984786822				
COOK COUNTY HOSPITAL	***637 WOOD ST***	***NNW 0 - 1/8 (0.113 mi.)***	***H78***	***22***
EPA ID:: ILR000206953				
STROGER HOSPITAL ADM	***1900 POLK ST***	***WNW 1/8 - 1/4 (0.159 mi.)***	***O100***	***26***
EPA ID:: ILR000196493				
UNIVERSITY OF ILL IN	***1640 W ROOSEVELT RD***	***SSE 1/8 - 1/4 (0.184 mi.)***	***108***	***28***
EPA ID:: ILD026948281				
CAMPUS GREEN APARTME	***901 S ASHLAND AND 20***	***ESE 1/8 - 1/4 (0.198 mi.)***	***S115***	***29***
EPA ID:: ILD984906552				

Lower Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
CHICAGO TRANSIT AUTH	***619 S HERMITAGE AVE***	***N 1/8 - 1/4 (0.152 mi.)***	***M96***	***25***
EPA ID:: ILD984780189				
COMED MANHOLE	1835 W HARRISON-B	NW 1/8 - 1/4 (0.206 mi.)	Q120	30
EPA ID:: ILR000152504				

PFAS RCRA MANIFEST: A review of the PFAS RCRA MANIFEST list, as provided by EDR, and dated 12/17/2025 has revealed that there is 1 PFAS RCRA MANIFEST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
UIC HEALTH & SAFETY		SSE 1/8 - 1/4 (0.158 mi.)	98	26

PFAS ECHO: A review of the PFAS ECHO list, as provided by EDR, and dated 12/17/2025 has revealed that there is 1 PFAS ECHO site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
CHICAGO LIGHTHOUSE F	1850 WEST ROOSEVELT	SSW 1/8 - 1/4 (0.216 mi.)	R127	32

UST FINDER: A review of the UST FINDER list, as provided by EDR, and dated 06/08/2023 has revealed that there are 7 UST FINDER sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
JOHNSTON R. BOWMAN B	700 S. PAULINA	NNE 0 - 1/8 (0.080 mi.)	I47	16
WEST CAMPUS CO GENER	1717 WEST TAYLOR STR	S 0 - 1/8 (0.083 mi.)	D50	16
MOLECULAR BIOLOGY RE	900 SOUTH ASHLAND AV	ESE 1/8 - 1/4 (0.135 mi.)	N83	23
NEW COOK COUNTY HOSP	1850 W POLK	W 1/8 - 1/4 (0.188 mi.)	O111	29

Lower Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
COHN RESEARCH BUILDI	1735 W. HARRISON STR	NNW 1/8 - 1/4 (0.163 mi.)	P105	27

EXECUTIVE SUMMARY

Lower Elevation	Address	Direction / Distance	Map ID	Page
COOK COUNTY HOSPITAL	1835 W. HARRISON STR	NW 1/8 - 1/4 (0.206 mi.)	Q124	31
RUSH PRESBYTERIAN ST	1653 W. CONGRESS PKW	N 1/8 - 1/4 (0.224 mi.)	T142	35

UST FINDER RELEASE: A review of the UST FINDER RELEASE list, as provided by EDR, and dated 06/08/2023 has revealed that there are 17 UST FINDER RELEASE sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
UNIVERSITY OF IL @ C	1717 WEST TAYLOR	S 0 - 1/8 (0.083 mi.)	D59	18
NATIONAL CENTER FOR	707 SOUTH WOOD STREE	NNW 0 - 1/8 (0.083 mi.)	H63	19
COOK COUNTY HOSPITAL	1900 WEST POLK ST.	WNW 1/8 - 1/4 (0.159 mi.)	O101	26
LAUGHILL CONSTRUCTIO	ROOSEVELT & ASHLAND	SSE 1/4 - 1/2 (0.269 mi.)	AD171	41
FORMER SHELL SERVICE	1549 WEST ROOSEVELT	SSE 1/4 - 1/2 (0.298 mi.)	AD177	42
RAPATAS, PETER	1225 SOUTH ASHLAND A	SSE 1/4 - 1/2 (0.316 mi.)	AD179	42
NATIONAL ITALIAN AME	1425-1431 WEST TAYLO	ESE 1/4 - 1/2 (0.349 mi.)	AE183	43
PUBLIC BLDG. COMMISS	1240 SOUTH DAMEN AVE	SW 1/4 - 1/2 (0.456 mi.)	AL209	49
MEDICAL CTR. COMMISS	1705 WEST 14TH ST.	S 1/4 - 1/2 (0.475 mi.)	AK213	51

Lower Elevation	Address	Direction / Distance	Map ID	Page
RUSH UNIVERSITY MEDI	CORNER OF HARRISON &	NE 1/8 - 1/4 (0.241 mi.)	Z163	39
WEST SIDE REALTY COR	1655 WEST JACKSON	N 1/4 - 1/2 (0.398 mi.)	AG189	45
MATOCHA ASSOC.	1645 WEST JACKSON	N 1/4 - 1/2 (0.398 mi.)	AG191	45
BLACKHAWK COMM ICE R	1801-1851 WEST JACKS	NNW 1/4 - 1/2 (0.409 mi.)	AH196	46
BLACKHAWK COMM ICE R	1801-1851 WEST JACKS	NNW 1/4 - 1/2 (0.409 mi.)	AH197	46
CITY COLLEGES OF CHI	1900 WEST VAN BUREN	NNW 1/4 - 1/2 (0.423 mi.)	AI198	47
CHICAGO, CITY OF FLE	1900 WEST VAN BUREN	NNW 1/4 - 1/2 (0.423 mi.)	AI199	47
LA SALLE NATIONAL BA	1736-52 WEST OGDEN A	N 1/4 - 1/2 (0.448 mi.)	AJ205	48

E MANIFEST: A review of the E MANIFEST list, as provided by EDR, and dated 11/30/2025 has revealed that there are 50 E MANIFEST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
UNIV OF IL CHICAGO E	912 S PAULINA STREET	SSE 0 - 1/8 (0.021 mi.)	B13	10
U OF IL - HOSP & HEL	912 S PAULINA STREET	SSE 0 - 1/8 (0.021 mi.)	B15	10
UNIV OF IL-HOSP & HL	912 S PAULINA STREET	SSE 0 - 1/8 (0.021 mi.)	B16	10
RXW/U OF IL-HOSP & H	912 S PAULINA STREET	SSE 0 - 1/8 (0.021 mi.)	B17	10
UNIVERSITY OF ILLINO	912 S PAULINA ST	SSE 0 - 1/8 (0.021 mi.)	B18	11
RXW/U OF IL HOSP & H	912 S PAULINA ST	SSE 0 - 1/8 (0.021 mi.)	B19	11
U OF IL-HOSP & HLTH	912 S PAULINA STREET	SSE 0 - 1/8 (0.021 mi.)	B20	11
U OF IL-HOSP & HLTH	912 S PAULINA STREET	SSE 0 - 1/8 (0.021 mi.)	B21	11
UNIV OF IL CHICAGO E	912 S PAULINA ST	SSE 0 - 1/8 (0.021 mi.)	B22	11
U OF IL-HOSP & WITH	912 S PAULINA STREET	SSE 0 - 1/8 (0.021 mi.)	B23	11
UNIV OF IL HOSPITAL	912 S PAULINA ST	SSE 0 - 1/8 (0.021 mi.)	B24	12
UNIVERSITY OF ILLINO	912 S PAULINA ST	SSE 0 - 1/8 (0.021 mi.)	B25	12
U OF IL-HOSP & HLTH-	1740 W TAYLOR ST ROO	SSW 0 - 1/8 (0.036 mi.)	C27	12
UNIVERSITY OF ILLINO	1740 W TAYLOR STREET	SSW 0 - 1/8 (0.036 mi.)	C28	12
U OF IL HOSP & HLTH	1740 W TAYLOR ST, RM	SSW 0 - 1/8 (0.036 mi.)	C29	12
U OF IL HOSP & HLTH	1110 1740 W TAYLOR S	SSW 0 - 1/8 (0.036 mi.)	C30	13
U OF IL HOSP & HITH-	1740 W TAYLOR ST ROO	SSW 0 - 1/8 (0.036 mi.)	C31	13

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
U OF IL HOSP & HLTH	1110 1740 W TAYLOR S	SSW 0 - 1/8 (0.036 mi.)	C32	13
U OF IL-HOSP & HLTH-	1740 W TAYLOR ST, RM	SSW 0 - 1/8 (0.036 mi.)	C33	13
UIC COLLEGE OF MEDIC	808 808 S. WOOD STRE	W 0 - 1/8 (0.060 mi.)	G40	14
UNIVERSITY OF IL AT	***840 S WOOD ST***	***W 0 - 1/8 (0.068 mi.)***	***G41***	***14***
RXW/UI HEALTH SPECIA	1009 S WOOD ST	SSW 0 - 1/8 (0.068 mi.)	C42	15
UNIVSITY ILLINOIS OF	1717 W TAYLOR ST	S 0 - 1/8 (0.083 mi.)	D52	17
METRO TANK VIC	1717 TAYLOR	S 0 - 1/8 (0.083 mi.)	D56	17
UNIVERSITY OF ILLINO	1717 W TAYLOR ST	S 0 - 1/8 (0.083 mi.)	D57	18
UNIVERSITY OF ILLINO	***1801 W TAYLOR ST***	***SSW 0 - 1/8 (0.084 mi.)***	***65***	***19***
UNION HEALTH SERVICE	***1634 W POLK ST***	***ENE 0 - 1/8 (0.097 mi.)***	***F71***	***20***
RUSH UNIVERSITY	630 S HERMITAGE AVE	NNW 0 - 1/8 (0.112 mi.)	M76	21
COOK COUNTY HOSPITAL	637 S. WOOD STREET	NNW 0 - 1/8 (0.113 mi.)	H77	22
COOK COUNTY HOSPITAL	***637 WOOD ST***	***NNW 0 - 1/8 (0.113 mi.)***	***H78***	***22***
RXW/U OF IL HOSP & H	1110 912 S PAULINA S	S 1/8 - 1/4 (0.137 mi.)	K89	24
UNIV OF IL CHICAGO E	1110 S PAULINA ST	S 1/8 - 1/4 (0.137 mi.)	K90	24
UNIV OF IL CHICAGO E	***1110 S. PAULINA***	***S 1/8 - 1/4 (0.137 mi.)***	***K91***	***24***
RUSH UNIVERSITY HOSP	1800 1800 W. HARRISO	NW 1/8 - 1/4 (0.172 mi.)	Q107	28
UIC PUBLICATIONS	828 828 SOUTH WOLCOT	W 1/8 - 1/4 (0.199 mi.)	116	30
JOHN STROGER HOSPITA	1969 1969 WEST OGDEN	WNW 1/8 - 1/4 (0.221 mi.)	U129	32
HAZ/JOHN H STROGER H	1969 W OGDEN AVE	WNW 1/8 - 1/4 (0.221 mi.)	U130	32
JOHN H STROGER HOSPI	1969 OGDEN AVENUE SU	WNW 1/8 - 1/4 (0.221 mi.)	U131	32
RXW/JOHN H STROGER H	1969 OGDEN AVE STE 1	WNW 1/8 - 1/4 (0.221 mi.)	U132	33
OK CLEANERS	1528 W TAYLOR ST	ESE 1/8 - 1/4 (0.239 mi.)	Y160	38
RXW/JOHN H STROGER H	***1901 W HARRISON ST,***	***NW 1/8 - 1/4 (0.247 mi.)***	***AC167***	***40***

Lower Elevation	Address	Direction / Distance	Map ID	Page
COOK COUNTY HOSPITAL	627 S. WOOD STREET	NNW 1/8 - 1/4 (0.137 mi.)	M87	24
CHICAGO TRANSIT AUTH	***619 S HERMITAGE AVE***	***N 1/8 - 1/4 (0.152 mi.)***	***M96***	***25***
RUSH UNIVERSITY PATH	1653 W CONGRESS PARK	N 1/8 - 1/4 (0.224 mi.)	T133	33
RUSH UNIVERISTY MEDI	1653 WEST CONGRESS P	N 1/8 - 1/4 (0.224 mi.)	T134	33
RUSH UNIVERISTY MEDI	1653 W CONGRESS PKWY	N 1/8 - 1/4 (0.224 mi.)	T135	33
RUSH UMC - 108 KIDST	1653 W CONGRESS PKWY	N 1/8 - 1/4 (0.224 mi.)	T136	33
RUSH UNIVERSITY MEDI	1653 W CONGRESS PKWY	N 1/8 - 1/4 (0.224 mi.)	T139	34
RUSH UNIVERSITY	1653 W CONGRESS PKWY	N 1/8 - 1/4 (0.224 mi.)	T140	34
RUSH UNIVERSITY MEDI	1653 WEST CONGRESS P	N 1/8 - 1/4 (0.224 mi.)	T145	35

IL DRYCLEANERS: A review of the IL DRYCLEANERS list, as provided by EDR, and dated 07/16/2025 has revealed that there are 2 IL DRYCLEANERS sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
U & I CLEANERS AND T	1657 W ROOSEVELT RD	S 1/8 - 1/4 (0.228 mi.)	148	36
OK CLEANERS	***1528 W TAYLOR***	***ESE 1/8 - 1/4 (0.239 mi.)***	***Y161***	***38***

EXECUTIVE SUMMARY

WI MANIFEST: A review of the WI MANIFEST list, as provided by EDR, and dated 05/31/2018 has revealed that there are 2 WI MANIFEST sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
ST LUKES HOSPITAL ACT Status: A FID: 999429310 EPA ID: ILD068610245	1743 W HARRISON	NNW 1/8 - 1/4 (0.167 mi.)	P106	27
COOK CNTY HOSPITAL ACT Status: A FID: 999412480 EPA ID: ILD021295738	1835 W HARRISON	NW 1/8 - 1/4 (0.206 mi.)	Q117	30

MN MANIFEST: A review of the MN MANIFEST list, as provided by EDR, and dated 06/30/2016 has revealed that there are 3 MN MANIFEST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
UNIVERSITY OF ILLINO	1110 S PAULINA ST #	S 1/8 - 1/4 (0.137 mi.)	K88	24

Lower Elevation	Address	Direction / Distance	Map ID	Page
RUSH PRESBRYTERIAN S	1753 W CONGRESS PKWY	NNW 1/8 - 1/4 (0.226 mi.)	V146	35
RUSH PRESBYTERIAN ST	1753 W CONGRESS PKWY	NNW 1/8 - 1/4 (0.226 mi.)	V147	35

MI MANIFEST: A review of the MI MANIFEST list, as provided by EDR, and dated 06/30/2018 has revealed that there are 3 MI MANIFEST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
Not reported	1717 WEST TAYLOR STR	S 0 - 1/8 (0.083 mi.)	D58	18
Not reported	1901 W HARRISON ST	NW 1/8 - 1/4 (0.247 mi.)	AC169	40

Lower Elevation	Address	Direction / Distance	Map ID	Page
Not reported	1653 W CONGRESS PKWY	N 1/8 - 1/4 (0.224 mi.)	T144	35

NY MANIFEST: A review of the NY MANIFEST list, as provided by EDR, and dated 12/31/2019 has revealed that there are 2 NY MANIFEST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
UNIVERSITY OF ILLINO EPA ID: ILD074400946	715 S WOOD ST	NW 0 - 1/8 (0.075 mi.)	H44	15
COOK COUNTY HOSPITAL EPA ID: ILD021295738	1901 W HARRISON ST	NW 1/8 - 1/4 (0.247 mi.)	AC168	40

EXECUTIVE SUMMARY

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR Hist Auto: A review of the EDR Hist Auto list, as provided by EDR, has revealed that there are 3 EDR Hist Auto sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DELAURENTIS TONY	813 S PAULINA	ESE 0 - 1/8 (0.014 mi.)	A10	9
POPES GARAGE	933 S PAULINA	SSE 0 - 1/8 (0.051 mi.)	E36	14
TUCKER WM	1749 TAYLOR	S 0 - 1/8 (0.058 mi.)	C39	14

EDR Hist Cleaner: A review of the EDR Hist Cleaner list, as provided by EDR, has revealed that there are 9 EDR Hist Cleaner sites within approximately 0.125 miles of the target property.

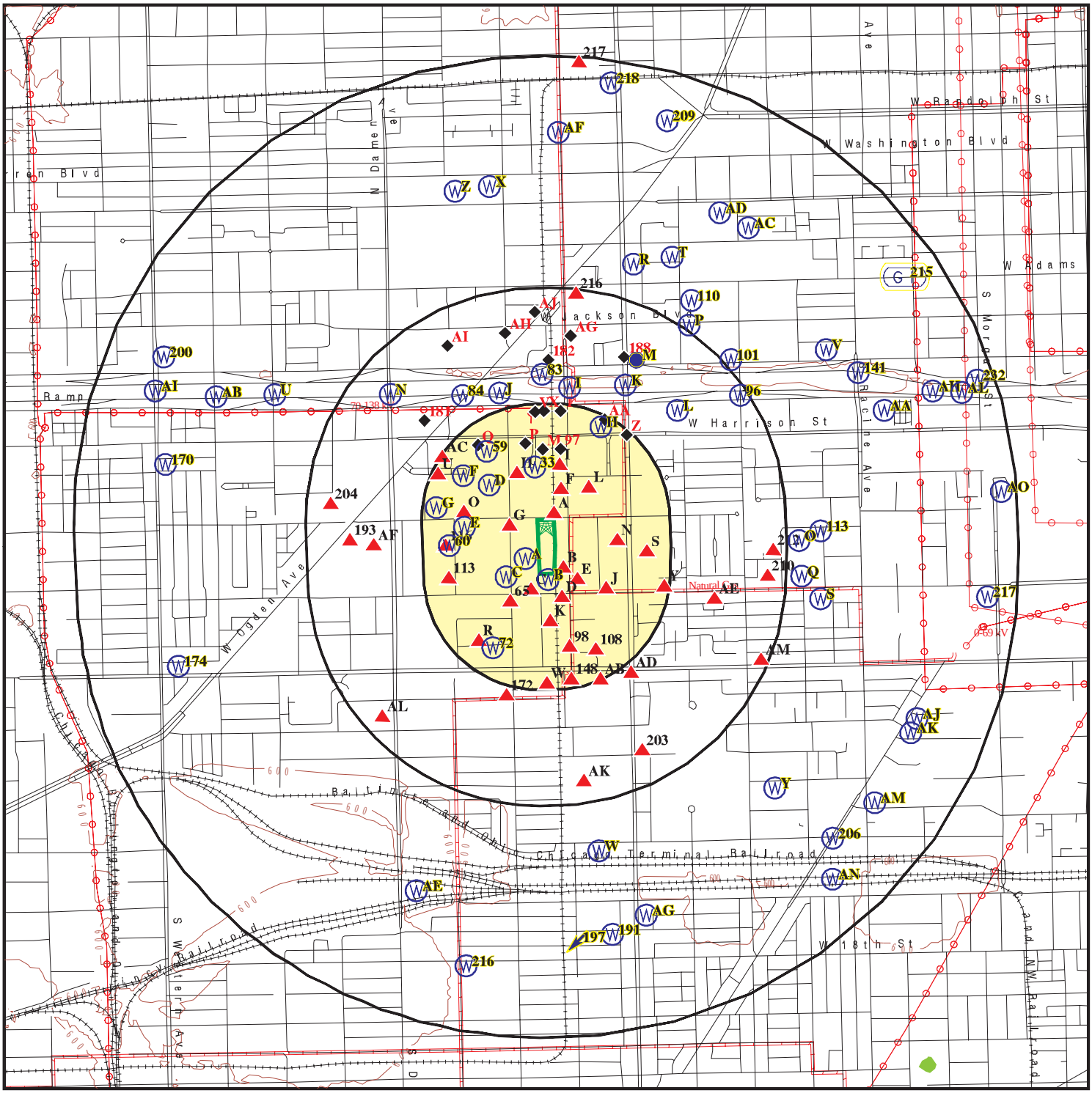
Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
WAH KEE	1708 POLK	NNE 0 - 1/8 (0.016 mi.)	A11	9
KAPLAN JACOB	934 S WOOD	SSW 0 - 1/8 (0.020 mi.)	B12	10
MICHIGAN DYE HOUSE	912 S PAULINA	SSE 0 - 1/8 (0.021 mi.)	B14	10
LEE CHONG	1736 TAYLOR	SSW 0 - 1/8 (0.034 mi.)	C26	12
MANGOS HARRY	1002 S PAULINA	SSE 0 - 1/8 (0.050 mi.)	D34	13
MOY SAM	1721 TAYLOR	S 0 - 1/8 (0.056 mi.)	D38	14
WAH CHAS	1643 TAYLOR	SSE 0 - 1/8 (0.086 mi.)	D66	19
PETRONE LUCIAN	1611 TAYLOR	SSE 0 - 1/8 (0.091 mi.)	J67	20
LUCAS ISIDORE	1624 TAYLOR	SE 0 - 1/8 (0.116 mi.)	J79	22

Count: 2 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
CHICAGO	1018148787	PILSEN AREA SOILS	RR & ALLEY ADJACENT TO LOOMIS	60608	SEMS, PRP, LEAD SMELTERS
CHICAGO	1003872926	UNITED LEAD CO.	INTERSECTION WASHINGTON & LEXI	60612	SEMS-ARCHIVE

OVERVIEW MAP - 8220050.2S



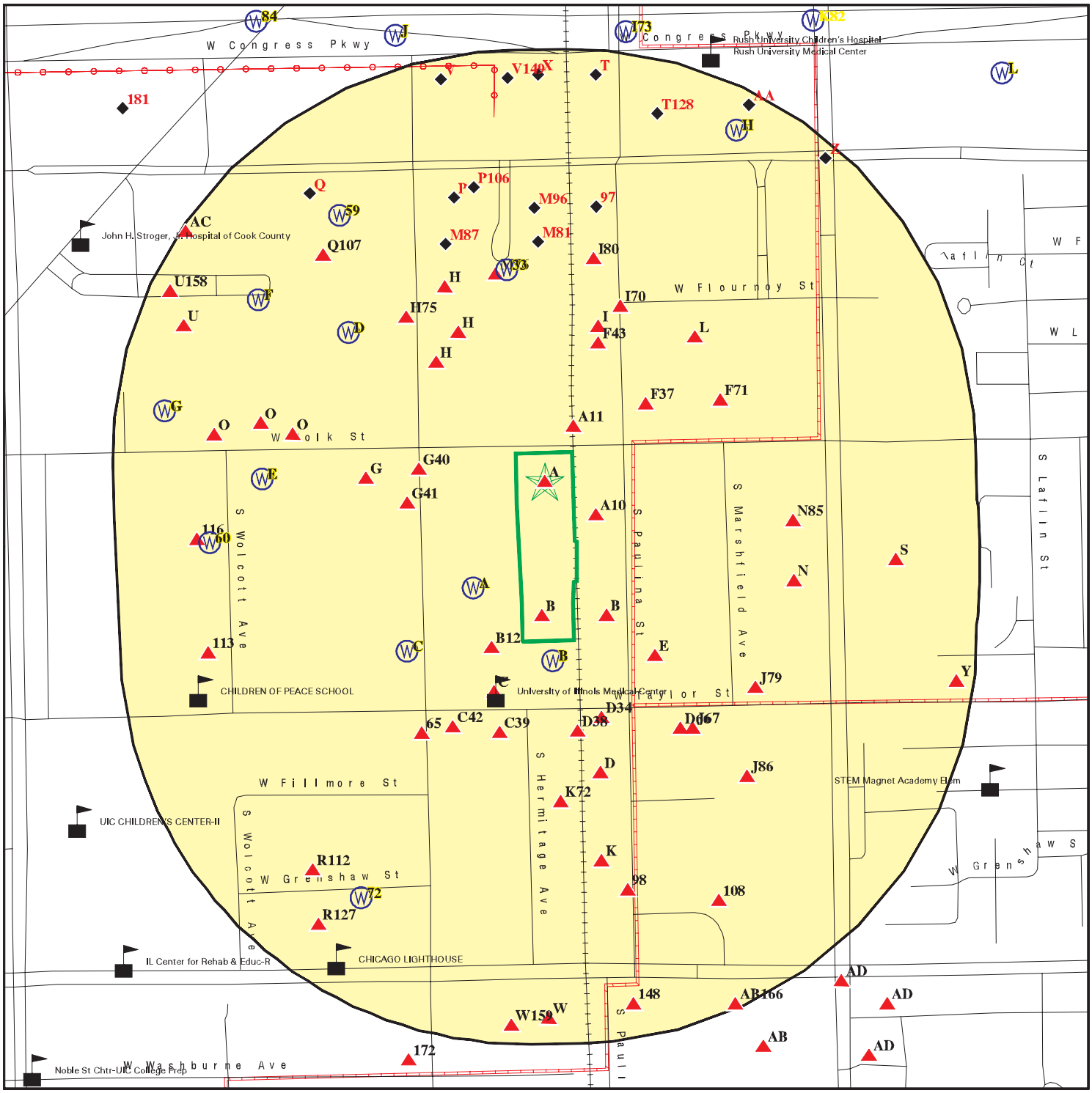
- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Pipelines
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- National Wetland Inventory
- State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	UIC Drug Discovery Center	CLIENT:	GSG Consultants, Inc
ADDRESS:	833 S. Wood Street Chicago IL 60612	CONTACT:	Michael Nuccio
LAT/LONG:	41.871285 / 87.669969	INQUIRY #:	8220050.2s
		DATE:	January 12, 2026 10:39 am

Copyright © 2026 EDR, Inc. © 2015 TomTom Rel. 2015.

DETAIL MAP - 8220050.2S



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Pipelines
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	UIC Drug Discovery Center	CLIENT:	GSG Consultants, Inc
ADDRESS:	833 S. Wood Street Chicago IL 60612	CONTACT:	Michael Nuccio
LAT/LONG:	41.871285 / 87.669969	INQUIRY #:	8220050.2s
		DATE:	January 12, 2026 10:39 am

Copyright © 2026 EDR, Inc. © 2015 TomTom Rel. 2015.

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Lists of Federal NPL (Superfund) sites								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
Lists of Federal Delisted NPL sites								
Delisted NPL	1.000		0	0	0	0	NR	0
Lists of Federal sites subject to CERCLA removals and CERCLA orders								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
Lists of Federal CERCLA sites with NFRAP								
SEMS-ARCHIVE	0.500		0	1	1	NR	NR	2
Lists of Federal RCRA facilities undergoing Corrective Action								
CORRACTS	1.000		2	0	0	1	NR	3
Lists of Federal RCRA TSD facilities								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA generators								
RCRA-LQG	0.250		0	2	NR	NR	NR	2
RCRA-SQG	0.250		0	2	NR	NR	NR	2
RCRA-VSQG	0.250		0	1	NR	NR	NR	1
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
Lists of state- and tribal hazardous waste facilities								
IL SSU	1.000		0	0	0	0	NR	0
Lists of state and tribal landfills and solid waste disposal facilities								
IL SWF/LF	0.500		0	0	0	NR	NR	0
IL CCDD	0.500		0	0	0	NR	NR	0
IL LF SPECIAL WASTE	0.500		0	0	0	NR	NR	0
IL NIPC	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
Lists of state and tribal leaking storage tanks								
IL LUST	0.500		3	5	26	NR	NR	34
INDIAN LUST	0.500		0	0	0	NR	NR	0
IL LUST TRUST	0.500		0	0	0	NR	NR	0
Lists of state and tribal registered storage tanks								
FEMA UST	0.250		0	0	NR	NR	NR	0
IL UST	0.250	1	4	10	NR	NR	NR	15
IL AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
IL ENG CONTROLS	0.500		0	1	7	NR	NR	8
IL INST CONTROL	0.500		0	2	8	NR	NR	10
Lists of state and tribal voluntary cleanup sites								
IL SRP	0.500		0	2	9	NR	NR	11
INDIAN VCP	0.500		0	0	0	NR	NR	0
Lists of state and tribal brownfield sites								
IL BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
IL CDL	TP		NR	NR	NR	NR	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
IL TANKS	0.250	1	14	29	NR	NR	NR	44
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
IL COMPLAINTS	TP		NR	NR	NR	NR	NR	0
IL SPILLS	TP	2	NR	NR	NR	NR	NR	2
IL SPILLS 90	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		6	5	NR	NR	NR	11
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
MINES MRDS	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP	1	NR	NR	NR	NR	NR	1
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
ECHO	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
PFAS NPL	0.250		0	0	NR	NR	NR	0
PFAS FEDERAL SITES	0.250		0	0	NR	NR	NR	0
PFAS TRIS	0.250		0	0	NR	NR	NR	0
PFAS TSCA	0.250		0	0	NR	NR	NR	0
PFAS RCRA MANIFEST	0.250		0	1	NR	NR	NR	1
PFAS ATSDR	0.250		0	0	NR	NR	NR	0
PFAS WQP	0.250		0	0	NR	NR	NR	0
PFAS PROJECT	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
PFAS NPDES	0.250		0	0	NR	NR	NR	0
PFAS ECHO	0.250		0	1	NR	NR	NR	1
PFAS ECHO FIRE TRAIN	0.250		0	0	NR	NR	NR	0
PFAS PT 139 AIRPORT	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM NRC	0.250		0	0	NR	NR	NR	0
BIOSOLIDS	TP		NR	NR	NR	NR	NR	0
UST FINDER	0.250		2	5	NR	NR	NR	7
UST FINDER RELEASE	0.500		2	2	13	NR	NR	17
E MANIFEST	0.250	1	30	20	NR	NR	NR	51
IL PFAS	0.250		0	0	NR	NR	NR	0
IL AIRS	TP		NR	NR	NR	NR	NR	0
IL ASBESTOS	TP	2	NR	NR	NR	NR	NR	2
IL BOL	TP		NR	NR	NR	NR	NR	0
IL COAL ASH	0.500		0	0	0	NR	NR	0
IL DRYCLEANERS	0.250		0	2	NR	NR	NR	2
IL Enforcement	TP		NR	NR	NR	NR	NR	0
IL CHICAGO INSPECT	TP	2	NR	NR	NR	NR	NR	2
IL Financial Assurance	TP		NR	NR	NR	NR	NR	0
IL HWAR	TP		NR	NR	NR	NR	NR	0
IL IMPDMENT	0.500		0	0	0	NR	NR	0
WI MANIFEST	0.250		0	2	NR	NR	NR	2
MN MANIFEST	0.250		0	3	NR	NR	NR	3
MI MANIFEST	0.250		1	2	NR	NR	NR	3
NY MANIFEST	0.250		1	1	NR	NR	NR	2
IL NPDES	TP		NR	NR	NR	NR	NR	0
IL PERMITS	TP	1	NR	NR	NR	NR	NR	1
IL PIMW	0.250		0	0	NR	NR	NR	0
IL TIER 2	TP		NR	NR	NR	NR	NR	0
IL UIC	TP		NR	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		3	NR	NR	NR	NR	3
EDR Hist Cleaner	0.125		9	NR	NR	NR	NR	9
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
IL RGA HWS	TP		NR	NR	NR	NR	NR	0
IL RGA LF	TP		NR	NR	NR	NR	NR	0
IL RGA LUST	TP		NR	NR	NR	NR	NR	0
- Totals --		11	77	99	64	1	0	252

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1
Target Property
UIC COLLEGE OF PHARMACY
833 833 S. WOOD ST. (M/C 874)
CHICAGO, IL 60612

E MANIFEST

1032352474
N/A

Actual:
593 ft.

Click here for full text details

A2
Target Property
COLLEGE OF PHARMACY UIC BLDG 924
833 S WOOD ST
CHICAGO, IL

IL ASBESTOS
IL CHICAGO INSPECT

S117529729
N/A

Actual:
593 ft.

Click here for full text details

A3
Target Property
COLLEGE OF PHARMACY 4TH FLOOR
833 S WOOD
CHICAGO, IL 60612

IL ASBESTOS

S121934092
N/A

Actual:
593 ft.

Click here for full text details

A4
Target Property
833 S. WOODS ST.
CHICAGO, IL

IL SPILLS

S115726865
N/A

Actual:
593 ft.

Click here for full text details

A5
Target Property
833 S WOODS ST
CHICAGO, IL

IL SPILLS

S111878366
N/A

Actual:
593 ft.

Click here for full text details

IL SPILLS
Incident ID 19903189

A6
Target Property
COLLEGE OF PHARMACY 4TH FLOOR
833 S WOOD
CHICAGO, IL 60612

FINDS

1011853065
N/A

Actual:
593 ft.

Click here for full text details

FINDS
Registry ID: 110037152354

Map ID / Direction / Distance / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
B7 **Target Property** **Actual: 593 ft.**	**UIC/LAUNDRY BUILDING** **931 S HERMITAGE** **CHICAGO, IL** Click here for full text details	**IL TANKS**	**S121841181** **N/A**
B8 **Target Property** **Actual: 593 ft.**	**931 S HERMITAGE AVE** **CHICAGO, IL** Click here for full text details	**IL CHICAGO INSPECT** **IL PERMITS**	**S117532765** **N/A**
B9 **Target Property** **Actual: 593 ft.**	**LAUNDRY BUILDING** **931 S HERMITAGE AVE** **CHICAGO, IL 60612** Click here for full text details **IL UST** Facility Id 2040216 Tank Status Removed Status EXEMPT	**IL UST**	**U003762967** **N/A**
A10 **ESE** **< 1/8** **0.014 mi.** **72 ft.** **Relative: Higher**	**DELAURENTIS TONY** **813 S PAULINA** **CHICAGO, IL** Click here for full text details	**EDR Hist Auto**	**1009103184** **N/A**
A11 **NNE** **< 1/8** **0.016 mi.** **86 ft.** **Relative: Higher**	**WAH KEE** **1708 POLK** **CHICAGO, IL** Click here for full text details	**EDR Hist Cleaner**	**1009203345** **N/A**

B12
SSW
< 1/8
0.020 mi.
103 ft.

Relative:
Higher

KAPLAN JACOB
934 S WOOD
CHICAGO, IL

EDR Hist Cleaner

1009211090
N/A

Click here for full text details

B13
SSE
< 1/8
0.021 mi.
109 ft.

Relative:
Higher

UNIV OF IL CHICAGO ENV SAFETY
912 S PAULINA STREET
CHICAGO, IL 60612

E MANIFEST

1032358712
N/A

Click here for full text details

B14
SSE
< 1/8
0.021 mi.
109 ft.

Relative:
Higher

MICHIGAN DYE HOUSE
912 S PAULINA
CHICAGO, IL

EDR Hist Cleaner

1009204919
N/A

Click here for full text details

B15
SSE
< 1/8
0.021 mi.
109 ft.

Relative:
Higher

U OF IL - HOSP & HELTH SCIENCES
912 S PAULINA STREET
CHICAGO, IL 60612

E MANIFEST

1032351093
N/A

Click here for full text details

B16
SSE
< 1/8
0.021 mi.
109 ft.

Relative:
Higher

UNIV OF IL-HOSP & HLTH SCIENCES
912 S PAULINA STREET
CHICAGO, IL 60612

E MANIFEST

1032358714
N/A

Click here for full text details

B17
SSE
< 1/8
0.021 mi.
109 ft.

Relative:
Higher

RXW/U OF IL-HOSP & HLTH SCIE
912 S PAULINA STREET,
CHICAGO, IL 60612

E MANIFEST

1032279249
N/A

Click here for full text details

B18
SSE
< 1/8
0.021 mi.
109 ft.

Relative:
Higher

UNIVERSITY OF ILLINOIS HOSPITAL
912 S PAULINA ST
CHICAGO, IL 60612

Click here for full text details

E MANIFEST

1032359832
N/A

B19
SSE
< 1/8
0.021 mi.
109 ft.

Relative:
Higher

RXW/U OF IL HOSP & HLTH SCIE
912 S PAULINA ST
CHICAGO, IL 60612

Click here for full text details

E MANIFEST

1032279248
N/A

B20
SSE
< 1/8
0.021 mi.
109 ft.

Relative:
Higher

U OF IL-HOSP & HLTH SCIENCES
912 S PAULINA STREET,
CHICAGO, IL 60612

Click here for full text details

E MANIFEST

1032351098
N/A

B21
SSE
< 1/8
0.021 mi.
109 ft.

Relative:
Higher

U OF IL-HOSP & HLTH SCIENCES
912 S PAULINA STREET
CHICAGO, IL 60612

Click here for full text details

E MANIFEST

1032351099
N/A

B22
SSE
< 1/8
0.021 mi.
109 ft.

Relative:
Higher

UNIV OF IL CHICAGO ENV SAFETY
912 S PAULINA ST
CHICAGO, IL 60612

Click here for full text details

E MANIFEST

1032358711
N/A

B23
SSE
< 1/8
0.021 mi.
109 ft.

Relative:
Higher

U OF IL-HOSP & WITH SCIENCES
912 S PAULINA STREET
CHICAGO, IL 69612

Click here for full text details

E MANIFEST

1032351102
N/A

B24
SSE
< 1/8
0.021 mi.
109 ft.

Relative:
Higher

UNIV OF IL HOSPITAL AND HEALTH SCIENCE SYSTEM PATH
912 S PAULINA ST
CHICAGO, IL 60612

Click here for full text details

E MANIFEST **1032358713**
N/A

B25
SSE
< 1/8
0.021 mi.
109 ft.

Relative:
Higher

UNIVERSITY OF ILLINOIS HOSPITAL AND HEALTH SCIENCE
912 S PAULINA ST
CHICAGO, IL 60612

Click here for full text details

E MANIFEST **1032359831**
N/A

C26
SSW
< 1/8
0.034 mi.
182 ft.

Relative:
Higher

LEE CHONG
1736 TAYLOR
CHICAGO, IL

Click here for full text details

EDR Hist Cleaner **1009200907**
N/A

C27
SSW
< 1/8
0.036 mi.
188 ft.

Relative:
Higher

U OF IL-HOSP & HLTH-PATHOLOGY
1740 W TAYLOR ST ROOM 3134 (M/C750)
CHICAGO, IL 60612

Click here for full text details

E MANIFEST **1032351100**
N/A

C28
SSW
< 1/8
0.036 mi.
188 ft.

Relative:
Higher

UNIVERSITY OF ILLINOIS HOPSITAL & HEALTH SCIENCE S
1740 W TAYLOR STREET ROOM 3134
CHICAGO, IL 60612

Click here for full text details

E MANIFEST **1032359830**
N/A

C29
SSW
< 1/8
0.036 mi.
188 ft.

Relative:
Higher

U OF IL HOSP & HLTH PATHOLOGY
1740 W TAYLOR ST, RM MC750
CHICAGO, IL 60612

Click here for full text details

E MANIFEST **1032351097**
N/A

Map ID / Direction / Distance / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
C30 **SSW** **< 1/8** **0.036 mi.** **188 ft.** **Relative: Higher**	**U OF IL HOSP & HLTH PATHOLOGY** **1110 1740 W TAYLOR ST, RM MC750** **CHICAGO, IL 60612** Click here for full text details	**E MANIFEST**	**1032351096** **N/A**
C31 **SSW** **< 1/8** **0.036 mi.** **188 ft.** **Relative: Higher**	**U OF IL HOSP & HITH-PATHOLOGY** **1740 W TAYLOR ST ROOM 3134 (M/C750)** **CHICAGO, IL 60612** Click here for full text details	**E MANIFEST**	**1032351094** **N/A**
C32 **SSW** **< 1/8** **0.036 mi.** **188 ft.** **Relative: Higher**	**U OF IL HOSP & HLTH PATHOLOGY** **1110 1740 W TAYLOR ST RM MC750** **CHICAGO, IL 60612** Click here for full text details	**E MANIFEST**	**1032351095** **N/A**
C33 **SSW** **< 1/8** **0.036 mi.** **188 ft.** **Relative: Higher**	**U OF IL-HOSP & HLTH-PATHOLOGY** **1740 W TAYLOR ST, RM MC750** **CHICAGO, IL 60612** Click here for full text details	**E MANIFEST**	**1032351101** **N/A**
D34 **SSE** **< 1/8** **0.050 mi.** **266 ft.** **Relative: Higher**	**MANGOS HARRY** **1002 S PAULINA** **CHICAGO, IL** Click here for full text details	**EDR Hist Cleaner**	**1009205884** **N/A**
E35 **SSE** **< 1/8** **0.051 mi.** **270 ft.** **Relative: Higher**	**REPPLE ARCH METAL INC.** **933 S PAULINA ST** **CHICAGO, IL** Click here for full text details	**IL TANKS**	**S121865377** **N/A**

E36
SSE
< 1/8
0.051 mi.
270 ft.

Relative:
Higher

POPES GARAGE
933 S PAULINA
CHICAGO, IL

Click here for full text details

EDR Hist Auto **1009102876**
N/A

F37
NE
< 1/8
0.055 mi.
288 ft.

Relative:
Higher

WESTMINSTER FOUNDATION
729 S PAULINA ST
CHICAGO, IL

Click here for full text details

IL TANKS **S121862495**
IL CHICAGO INSPECT **N/A**

D38
South
< 1/8
0.056 mi.
294 ft.

Relative:
Higher

MOY SAM
1721 TAYLOR
CHICAGO, IL

Click here for full text details

EDR Hist Cleaner **1009214417**
N/A

C39
South
< 1/8
0.058 mi.
305 ft.

Relative:
Higher

TUCKER WM
1749 TAYLOR
CHICAGO, IL

Click here for full text details

EDR Hist Auto **1009103685**
N/A

G40
West
< 1/8
0.060 mi.
319 ft.

Relative:
Higher

UIC COLLEGE OF MEDICINE EAST TOWER
808 808 S. WOOD STREET
CHICAGO, IL 60612

Click here for full text details

E MANIFEST **1032583359**
N/A

G41
West
< 1/8
0.068 mi.
358 ft.

Relative:
Higher

UNIVERSITY OF IL AT CHICAGO
840 S WOOD ST
CHICAGO, IL 60612

Click here for full text details

CORRACTS **1000824663**
RCRA NonGen / NLR **ILD984910414**
E MANIFEST

CORRACTS
EPA ID: ILD984910414

RCRA NonGen / NLR

UNIVERSITY OF IL AT CHICAGO (Continued) **1000824663**

EPA Id ILD984910414

C42
SSW
< 1/8
0.068 mi.
360 ft.

Relative:
Higher

RXW/UI HEALTH SPECIALTY CARE B **E MANIFEST** **1032279289**
1009 S WOOD ST **N/A**
CHICAGO, IL 60612

Click here for full text details

F43
NNE
< 1/8
0.070 mi.
369 ft.

Relative:
Higher

RUSH/JOHNSTON R BOWMAN BLDG. **IL TANKS** **S121842213**
710 S PAULINA ST **N/A**
CHICAGO, IL

Click here for full text details

H44
NW
< 1/8
0.075 mi.
398 ft.

Relative:
Higher

UNIVERSITY OF ILLINOIS **NY MANIFEST** **S119069400**
715 S WOOD ST **N/A**
CHICAGO, IL 60612

Click here for full text details

NY MANIFEST
EPA ID ILD074400946

H45
NW
< 1/8
0.075 mi.
398 ft.

Relative:
Higher

UNIVERSITY OF ILLINOIS MEDICAL CENTER **CORRACTS** **1000431449**
715 S WOOD ST **RCRA NonGen / NLR** **ILD074400946**
CHICAGO, IL 60612

Click here for full text details

CORRACTS
EPA ID: ILD074400946

RCRA NonGen / NLR
EPA Id ILD074400946

I46
NNE
< 1/8
0.080 mi.
422 ft.

Relative:
Higher

RUSH PRESBYTERIAN MEDICAL CENTER **IL LUST** **S105428782**
700 SOUTH PAULINA ST. **N/A**
CHICAGO, IL 60612

Click here for full text details

IL LUST
Incident Num 20020468

RUSH PRESBYTERIAN MEDICAL CENTER (Continued) **S105428782**

IL EPA Id 0316286262

I47 **JOHNSTON R. BOWMAN BUILDING** **UST FINDER** **1028318808**
NNE **700 S. PAULINA** **N/A**
< 1/8 **CHICAGO, IL 60612**
0.080 mi.
422 ft.

Relative: Higher

Click here for full text details

I48 **RUSH PRESBYTERIAN HOSPITAL** **IL TANKS** **S121861837**
NNE **700 S PAULINA ST** **N/A**
< 1/8 **CHICAGO, IL**
0.080 mi.
422 ft.

Relative: Higher

Click here for full text details

I49 **JOHNSTON R. BOWMAN BUILDING** **IL UST** **U004022862**
NNE **700 S. PAULINA** **N/A**
< 1/8 **CHICAGO, IL 60612**
0.080 mi.
422 ft.

Relative: Higher

Click here for full text details

IL UST
Facility Id 2043098
Tank Status Currently in use
Status ACTIVE

D50 **WEST CAMPUS CO GENERATION FACILITY** **UST FINDER** **1028317625**
South **1717 WEST TAYLOR STREET** **N/A**
< 1/8 **CHICAGO, IL 60607**
0.083 mi.
439 ft.

Relative: Higher

Click here for full text details

D51 **UIC COGENERATION FACILITY** **IL TANKS** **S121840283**
South **1717 W TAYLOR ST** **IL PERMITS** **N/A**
< 1/8 **CHICAGO, IL**
0.083 mi.
439 ft.

Relative: Higher

Click here for full text details

D52
South
< 1/8
0.083 mi.
439 ft.

Relative:
Higher

UNIVSITY ILLINOIS OF CHGO
1717 W TAYLOR ST
CHICAGO, IL 60612

E MANIFEST

1032360612
N/A

Click here for full text details

D53
South
< 1/8
0.083 mi.
439 ft.

Relative:
Higher

UNIVERSITY OF ILLINOIS AT CHICAGO
1717 W TAYLOR ST
CHICAGO, IL

IL TANKS

S121835562
N/A

Click here for full text details

D54
South
< 1/8
0.083 mi.
439 ft.

Relative:
Higher

UNIVERSITY OF IL @ CHICAGO
1717 WEST TAYLOR
CHICAGO, IL 60612

IL LUST

S104967986
N/A

Click here for full text details

IL LUST
Incident Num 20002244
IL EPA Id 0316005597

D55
South
< 1/8
0.083 mi.
439 ft.

Relative:
Higher

WEST CAMPUS CO GENERATION FACILITY
1717 WEST TAYLOR STREET
CHICAGO, IL 60607

IL UST

U003193658
N/A

Click here for full text details

IL UST
Facility Id 2035818
Tank Status Currently in use
Status ACTIVE

D56
South
< 1/8
0.083 mi.
439 ft.

Relative:
Higher

METRO TANK VIC
1717 TAYLOR
CHICAGO, IL 00000

E MANIFEST

1032176891
N/A

Click here for full text details

D57
South
< 1/8
0.083 mi.
439 ft.

Relative:
Higher

UNIVERSITY OF ILLINOIS CHICAGO
1717 W TAYLOR ST
CHICAGO, IL 60612

E MANIFEST **1032359826**
N/A

Click here for full text details

D58
South
< 1/8
0.083 mi.
439 ft.

Relative:
Higher

1717 WEST TAYLOR STREET
CHICAGO, IL 60612

MI MANIFEST **S130522678**
N/A

Click here for full text details

D59
South
< 1/8
0.083 mi.
439 ft.

Relative:
Higher

UNIVERSITY OF IL @ CHICAGO
1717 WEST TAYLOR
CHICAGO, IL 0

UST FINDER RELEASE **1028993012**
N/A

Click here for full text details

D60
South
< 1/8
0.083 mi.
439 ft.

Relative:
Higher

MEDICAL CENTER
1717 W TAYLOR ST
CHICAGO, IL

IL TANKS **S121835554**
N/A

Click here for full text details

H61
NNW
< 1/8
0.083 mi.
440 ft.

Relative:
Higher

NATIONAL CENTER FOR ADVANCED MEDICAL EDUCATION
707 SOUTH WOOD STREET
CHICAGO, IL 60612

IL LUST **S105815573**
N/A

Click here for full text details

IL LUST
NFA/NFR Letter 1994-06-01
Incident Num 940017
IL EPA Id 0316286251

H62
NNW
< 1/8
0.083 mi.
440 ft.

Relative:
Higher

COOK COUNTY SCHOOL OF MEDICINE
707 S WOOD ST
CHICAGO, IL

IL TANKS **S121830012**
N/A

Click here for full text details

H63
NNW
< 1/8
0.083 mi.
440 ft.

Relative:
Higher

NATIONAL CENTER FOR ADVANCED MEDICAL EDUCATION
707 SOUTH WOOD STREET
CHICAGO, IL 0

UST FINDER RELEASE **1028994946**
N/A

Click here for full text details

H64
NNW
< 1/8
0.083 mi.
440 ft.

Relative:
Higher

NATL CTR FOR ADVANCED MED EDUCATION
707 S WOOD ST
CHICAGO, IL 60608

IL UST **U001965171**
N/A

Click here for full text details

IL UST
Facility Id 2032991
Tank Status Removed
Status EXEMPT

65
SSW
< 1/8
0.084 mi.
445 ft.

Relative:
Higher

UNIVERSITY OF ILLINOIS HOSPITAL
1801 W TAYLOR ST
CHICAGO, IL 60612

RCRA NonGen / NLR **1027097413**
E MANIFEST **ILR000210930**

Click here for full text details

RCRA NonGen / NLR
EPA Id ILR000210930

D66
SSE
< 1/8
0.086 mi.
452 ft.

Relative:
Higher

WAH CHAS
1643 TAYLOR
CHICAGO, IL

EDR Hist Cleaner **1009200751**
N/A

Click here for full text details

J67
SSE
< 1/8
0.091 mi.
483 ft.

Relative:
Higher

PETRONE LUCIAN
1611 TAYLOR
CHICAGO, IL

EDR Hist Cleaner

1009213651
N/A

Click here for full text details

G68
West
< 1/8
0.093 mi.
492 ft.

Relative:
Higher

COLLEGE OF MEDICINE COURTYARD
1819 W POLK ST
CHICAGO, IL 60612

IL UST

U003667986
N/A

Click here for full text details

IL UST
Facility Id 2036827
Tank Status Pre 1974
Status EXEMPT

G69
West
< 1/8
0.093 mi.
492 ft.

Relative:
Higher

COLLEGE OF MEDICINE (COURTYARD)
1819 W POLK ST
CHICAGO, IL

IL TANKS

S121840498
N/A

Click here for full text details

I70
NNE
< 1/8
0.096 mi.
505 ft.

Relative:
Higher

COMED MANHOLE
W FLOURNOY & S PAULINA ST
CHICAGO, IL 60612

RCRA NonGen / NLR

1010563672
ILR000150805

Click here for full text details

RCRA NonGen / NLR
EPA Id ILR000150805

F71
ENE
< 1/8
0.097 mi.
514 ft.

Relative:
Higher

UNION HEALTH SERVICE
1634 W POLK ST
CHICAGO, IL 60612

RCRA NonGen / NLR
FINDS
ECHO
E MANIFEST

1000336867
ILD984786822

Click here for full text details

RCRA NonGen / NLR
EPA Id ILD984786822

FINDS
Registry ID: 110005874866

ECHO

UNION HEALTH SERVICE (Continued) **1000336867**

Registry ID 110005874866

K72
South
< 1/8
0.099 mi.
524 ft.

Relative:
Higher

MEDICAL CENTRAL STEAM COMPANY
1001 S HERMITAGE AVE
CHICAGO, IL

IL TANKS **S121830719**
N/A

Click here for full text details

L73
NE
< 1/8
0.105 mi.
552 ft.

Relative:
Higher

RUSH UNIVERSITY MEDICAL CENTER
1625 W FLOURNOY ST
CHICAGO, IL

IL TANKS **S121835140**
IL CHICAGO INSPECT **N/A**
IL PERMITS

Click here for full text details

L74
NE
< 1/8
0.105 mi.
552 ft.

Relative:
Higher

RUSH MEDICAL CENTRAL ENERGY PLANT
1625 W FLOURNOY ST
CHICAGO, IL

IL TANKS **S121835141**
N/A

Click here for full text details

H75
NW
< 1/8
0.109 mi.
574 ft.

Relative:
Higher

COOK COUNT HOSPITAL
700 S WOOD ST
CHICAGO, IL

IL TANKS **S121840358**
N/A

Click here for full text details

M76
NNW
< 1/8
0.112 mi.
592 ft.

Relative:
Higher

RUSH UNIVERSITY
630 S HERMITAGE AVE SUITE #108
CHICAGO, IL 60612

E MANIFEST **1032273421**
N/A

Click here for full text details

H77
NNW
< 1/8
0.113 mi.
595 ft.

Relative:
Higher

COOK COUNTY HOSPITAL DURAND BUILDING
637 S. WOOD STREET
CHICAGO, IL 60608

Click here for full text details

E MANIFEST **1031980620**
N/A

H78
NNW
< 1/8
0.113 mi.
595 ft.

Relative:
Higher

COOK COUNTY HOSPITAL
637 WOOD ST
CHICAGO, IL 60612

Click here for full text details

RCRA NonGen / NLR
EPA Id ILR000206953

RCRA NonGen / NLR **1026495537**
E MANIFEST **ILR000206953**

J79
SE
< 1/8
0.116 mi.
614 ft.

Relative:
Higher

LUCAS ISIDORE
1624 TAYLOR
CHICAGO, IL

Click here for full text details

EDR Hist Cleaner **1009214510**
N/A

I80
NNE
< 1/8
0.121 mi.
640 ft.

Relative:
Higher

SUPERCHARGED SPARKLING WATER CO.
624 S PAULINA ST
CHICAGO, IL

Click here for full text details

IL TANKS **S121860021**
N/A

M81
North
1/8-1/4
0.131 mi.
691 ft.

Relative:
Lower

RUSH UNIVERSITY MEDICAL CENTER (JELKE 3RD FLOOR)
1725 W HARRISON ST
CHICAGO, IL

Click here for full text details

IL TANKS **S121835644**
IL ASBESTOS **N/A**

N82
ESE
1/8-1/4
0.135 mi.
712 ft.

Relative:
Higher

UIC MOLECULAR BIOLOGY RESEARCH BLDG
900 S ASHLAND AVE
CHICAGO, IL

Click here for full text details

IL TANKS **S121842523**
N/A

N83
ESE
1/8-1/4
0.135 mi.
712 ft.

Relative:
Higher

MOLECULAR BIOLOGY RESEARCH BUILDING
900 SOUTH ASHLAND AVENUE
CHICAGO, IL 60607

UST FINDER **1028318900**
N/A

Click here for full text details

N84
ESE
1/8-1/4
0.135 mi.
712 ft.

Relative:
Higher

MOLECULAR BIOLOGY RESEARCH BUILDING
900 S. ASHLAND AVE.
CHICAGO, IL 60612

IL UST **U004115107**
N/A

Click here for full text details

IL UST
Facility Id 2043956
Tank Status Currently in use
Status ACTIVE

N85
East
1/8-1/4
0.135 mi.
712 ft.

Relative:
Higher

STANDARD OIL COMPANY
938 S ASHLAND AVE
CHICAGO, IL

IL TANKS **S121865393**
N/A

Click here for full text details

J86
SE
1/8-1/4
0.137 mi.
721 ft.

Relative:
Higher

DURSO MICHAEL SCHOOL
1601 W TAYLOR ST
CHICAGO, IL 60612

RCRA-VSQG **1000258092**
FINDS **ILD093173490**
ECHO

Click here for full text details

RCRA-VSQG
EPA Id ILD093173490

FINDS
Registry ID: 110009371786

ECHO
Registry ID 110009371786

M87
NNW
1/8-1/4
0.137 mi.
723 ft.

Relative:
Lower

COOK COUNTY HOSPITAL - HEKTOEN BUILDING
627 S. WOOD STREET
CHICAGO, IL 60608

E MANIFEST **1031980619**
N/A

Click here for full text details

K88
South
1/8-1/4
0.137 mi.
725 ft.

Relative:
Higher

UNIVERSITY OF ILLINOIS AT CHICAGO
1110 S PAULINA ST # MC646
CHICAGO, IL 60612

MN MANIFEST **S119126294**
N/A

Click here for full text details

K89
South
1/8-1/4
0.137 mi.
725 ft.

Relative:
Higher

RXW/U OF IL HOSP & HLTH SCIE
1110 912 S PAULINA ST
CHICAGO, IL 60612

E MANIFEST **1032279247**
N/A

Click here for full text details

K90
South
1/8-1/4
0.137 mi.
725 ft.

Relative:
Higher

UNIV OF IL CHICAGO ENV SAFETY
1110 S PAULINA ST
CHICAGO, IL 60612

E MANIFEST **1032358710**
N/A

Click here for full text details

K91
South
1/8-1/4
0.137 mi.
725 ft.

Relative:
Higher

UNIV OF IL CHICAGO ENV SAFETY
1110 S. PAULINA
CHICAGO, IL 60612

SEMS-ARCHIVE **1015733798**
RCRA-LQG **ILD984906198**
E MANIFEST

Click here for full text details

SEMS-ARCHIVE
Site ID 0507505
EPA Id ILD984906198

RCRA-LQG
EPA Id ILD984906198

O92
West
1/8-1/4
0.138 mi.
731 ft.

Relative:
Higher

MALCOLM X COLLEGE PARKING LOT
216 S WINCHESTER AVE
CHICAGO, IL

IL TANKS **S121842915**
N/A

Click here for full text details

O93
West
1/8-1/4
0.138 mi.
731 ft.

Relative:
Higher

MALCOLM X COLLEGE PARKING LOT / FORMER RESIDENCE
216 S. WINCHESTER AVE.
CHICAGO, IL 60612

IL UST **U004200814**
N/A

Click here for full text details

IL UST
Facility Id 2045504
Tank Status Removed
Status EXEMPT

O94
West
1/8-1/4
0.138 mi.
731 ft.

Relative:
Higher

CITY COLLEGES OF CHICAGO
216 SOUTH WINCHESTER
CHICAGO, IL 60612

IL LUST **S115487313**
N/A

Click here for full text details

IL LUST
Incident Num 20131200
IL EPA Id 0316275359

O95
West
1/8-1/4
0.139 mi.
734 ft.

Relative:
Higher

FRANK PONTERES
334 S WINCHESTER AVE
CHICAGO, IL

IL TANKS **S121829448**
N/A

Click here for full text details

M96
North
1/8-1/4
0.152 mi.
803 ft.

Relative:
Lower

CHICAGO TRANSIT AUTHORITY
619 S HERMITAGE AVE
CHICAGO, IL 60612

RCRA NonGen / NLR **1000166355**
FINDS **ILD984780189**
ECHO
E MANIFEST

Click here for full text details

RCRA NonGen / NLR
EPA Id ILD984780189

FINDS
Registry ID: 110005870879

ECHO

CHICAGO TRANSIT AUTHORITY (Continued) **1000166355**

Registry ID 110005870879

97
North
1/8-1/4
0.153 mi.
808 ft.

Relative:
Lower

EDWARD C BAUM LITHOGRAPHING **IL TANKS** **S121859518**
608 S PAULINA ST **N/A**
CHICAGO, IL

Click here for full text details

98
SSE
1/8-1/4
0.158 mi.
834 ft.

Relative:
Higher

UIC HEALTH & SAFETY SECTION MC 645 **PFAS RCRA MANIFEST** **1027318124**
N/A
CHICAGO, IL

Click here for full text details

O99
WNW
1/8-1/4
0.159 mi.
841 ft.

Relative:
Higher

COOK COUNTY HOSPITAL/ADM. BILDING **IL TANKS** **S121836395**
1900 W POLK ST **N/A**
CHICAGO, IL

Click here for full text details

O100
WNW
1/8-1/4
0.159 mi.
841 ft.

Relative:
Higher

STROGER HOSPITAL ADMIN BLDG **RCRA NonGen / NLR** **1023967580**
1900 POLK ST **FINDS** **ILR000196493**
CHICAGO, IL 60612

Click here for full text details

RCRA NonGen / NLR
EPA Id ILR000196493

FINDS
Registry ID: 110070206459

O101
WNW
1/8-1/4
0.159 mi.
841 ft.

Relative:
Higher

COOK COUNTY HOSPITAL **UST FINDER RELEASE** **1028994812**
1900 WEST POLK ST. **N/A**
CHICAGO, IL 0

Click here for full text details

O102
WNW
1/8-1/4
0.159 mi.
841 ft.

Relative:
Higher

COOK COUNTY HOSPITAL
1900 WEST POLK ST.
CHICAGO, IL 60612

IL LUST **S104522036**
N/A

Click here for full text details

IL LUST
Incident Num 961004
IL EPA Id 0316275102

P103
NNW
1/8-1/4
0.163 mi.
862 ft.

Relative:
Lower

COHN RESEARCH BUILDING
1735 W. HARRISON STREET
CHICAGO, IL 60612

IL UST **U003715178**
N/A

Click here for full text details

IL UST
Facility Id 2039410
Tank Status Currently in use
Status ACTIVE

P104
NNW
1/8-1/4
0.163 mi.
862 ft.

Relative:
Lower

COHN RESEARCH BUILDING
1735 W HARRISON ST
CHICAGO, IL

IL TANKS **S121835720**
N/A

Click here for full text details

P105
NNW
1/8-1/4
0.163 mi.
862 ft.

Relative:
Lower

COHN RESEARCH BUILDING
1735 W. HARRISON STREET
CHICAGO, IL 60612

UST FINDER **1028318242**
N/A

Click here for full text details

P106
NNW
1/8-1/4
0.167 mi.
882 ft.

Relative:
Lower

ST LUKES HOSPITAL
1743 W HARRISON
CHICAGO, IL 60612

WI MANIFEST **S113872177**
N/A

Click here for full text details

WI MANIFEST
ACT Status A
FID 999429310
EPA ID ILD068610245

Q107
NW
1/8-1/4
0.172 mi.
908 ft.

Relative:
Higher

RUSH UNIVERSITY HOSPITAL
1800 1800 W. HARRISON
CHICAGO, IL 60612

E MANIFEST **1032273416**
N/A

Click here for full text details

108
SSE
1/8-1/4
0.184 mi.
974 ft.

Relative:
Higher

UNIVERSITY OF ILL INST STUDY DEV DISAB
1640 W ROOSEVELT RD
CHICAGO, IL 60608

RCRA NonGen / NLR **1000431439**
FINDS **ILD026948281**
ECHO

Click here for full text details

RCRA NonGen / NLR
EPA Id ILD026948281

FINDS
Registry ID: 110005825704

ECHO
Registry ID 110005825704

O109
West
1/8-1/4
0.188 mi.
990 ft.

Relative:
Higher

NEW COOK COUNTY HOSP. POWER HOUSE
1850 W POLK ST
CHICAGO, IL

IL TANKS **S121841155**
N/A

Click here for full text details

O110
West
1/8-1/4
0.188 mi.
990 ft.

Relative:
Higher

NEW COOK COUNTY HOSPITAL POWER HOUSE
1850 W POLK
CHICAGO, IL 60612

IL UST **U003762930**
N/A

Click here for full text details

IL UST
Facility Id 2040139
Tank Status Currently in use
Status ACTIVE

O111
West
1/8-1/4
0.188 mi.
990 ft.

Relative:
Higher

NEW COOK COUNTY HOSPITAL POWER HOUSE
1850 W POLK
CHICAGO, IL 60612

UST FINDER

1028318370
N/A

Click here for full text details

R112
SSW
1/8-1/4
0.192 mi.
1016 ft.

Relative:
Higher

STATE OF ILL. MEDICAL CENTER
1830 W GRENSHAW ST
CHICAGO, IL

IL TANKS

S121836166
N/A

Click here for full text details

113
WSW
1/8-1/4
0.195 mi.
1031 ft.

Relative:
Higher

HOLY TRINITY CHURCH
918 S WOLCOTT AVE
CHICAGO, IL

IL TANKS

S121830260
N/A

Click here for full text details

S114
ESE
1/8-1/4
0.198 mi.
1046 ft.

Relative:
Higher

COMPUS GREEN PARTNERSHIP
901 S ASHLAND AVE
CHICAGO, IL

IL TANKS

S121865098
N/A

Click here for full text details

S115
ESE
1/8-1/4
0.198 mi.
1046 ft.

Relative:
Higher

CAMPUS GREEN APARTMENTS
901 S ASHLAND AND 201 A
CHICAGO, IL 60607

RCRA NonGen / NLR
FINDS
ECHO

1000824283
ILD984906552

Click here for full text details

RCRA NonGen / NLR
EPA Id ILD984906552

FINDS
Registry ID: 110007548074

ECHO
Registry ID 110007548074

116
West
1/8-1/4
0.199 mi.
1052 ft.

Relative:
Higher

UIC PUBLICATIONS — **E MANIFEST** — **1032352477**
828 828 SOUTH WOLCOTT AVENUE — **N/A**
CHICAGO, IL 60612

Click here for full text details

Q117
NW
1/8-1/4
0.206 mi.
1087 ft.

Relative:
Lower

COOK CNTY HOSPITAL — **WI MANIFEST** — **S111157344**
1835 W HARRISON — **N/A**
CHICAGO, IL 60612

Click here for full text details

WI MANIFEST
ACT Status A
FID 999412480
EPA ID ILD021295738

Q118
NW
1/8-1/4
0.206 mi.
1087 ft.

Relative:
Lower

COOK COUNTY HOSPITAL — **IL LUST** — **S109027232**
1835 WEST HARRISON STREET — **N/A**
CHICAGO, IL 60612

Click here for full text details

IL LUST
NFA/NFR Letter 2009-01-27
Incident Num 20080452
IL EPA Id 0316285031

Q119
NW
1/8-1/4
0.206 mi.
1087 ft.

Relative:
Lower

FORMER COOK COUNTY HOSPITAL — **IL TANKS** — **S121840306**
1835 W HARRISON ST — **N/A**
CHICAGO, IL

Click here for full text details

Q120
NW
1/8-1/4
0.206 mi.
1087 ft.

Relative:
Lower

COMED MANHOLE — **RCRA NonGen / NLR** — **1010784267**
1835 W HARRISON-B — **ILR000152504**
CHICAGO, IL 60612

Click here for full text details

RCRA NonGen / NLR
EPA Id ILR000152504

Q121
NW
1/8-1/4
0.206 mi.
1087 ft.

Relative:
Lower

COOK COUNTY HOSPITAL — **IL TANKS** — **S121836213**
1835 W HARRISON ST — **N/A**
CHICAGO, IL

Click here for full text details

Q122
NW
1/8-1/4
0.206 mi.
1087 ft.

Relative:
Lower

COOK COUNT HOSPITAL CAMPUS — **IL TANKS** — **S121836214**
1835 W HARRISON ST — **N/A**
CHICAGO, IL

Click here for full text details

Q123
NW
1/8-1/4
0.206 mi.
1087 ft.

Relative:
Lower

DELTA PIPING — **IL TANKS** — **S121836208**
1835 W HARRISON ST — **N/A**
CHICAGO, IL

Click here for full text details

Q124
NW
1/8-1/4
0.206 mi.
1087 ft.

Relative:
Lower

COOK COUNTY HOSPITAL — **UST FINDER** — **1028317667**
1835 W. HARRISON STREET — **N/A**
CHICAGO, IL 60612

Click here for full text details

Q125
NW
1/8-1/4
0.206 mi.
1087 ft.

Relative:
Lower

COOK COUNTY HOSPITAL — **IL UST** — **U003298393**
1835 W. HARRISON STREET — **N/A**
CHICAGO, IL 60612

Click here for full text details

IL UST
Facility Id 2036012
Tank Status Removed
Tank Status Aboveground
Status CLOSED

Q126
NW
1/8-1/4
0.206 mi.
1087 ft.

Relative:
Lower

COOK OUNTY HOSPITAL
1835 W HARRISON ST
CHICAGO, IL

Click here for full text details

Database(s): IL TANKS
EDR ID Number: S121836210
EPA ID Number: N/A

R127
SSW
1/8-1/4
0.216 mi.
1141 ft.

Relative:
Higher

CHICAGO LIGHTHOUSE FOR THE BLIND
1850 WEST ROOSEVELT RD
CHICAGO, IL 60608

Click here for full text details

Database(s): PFAS ECHO
EDR ID Number: 1027340782
EPA ID Number: N/A

T128
NNE
1/8-1/4
0.217 mi.
1144 ft.

Relative:
Lower

ECONOMY MECH INDUSTRIES
1650 W HARRISON ST
CHICAGO, IL

Click here for full text details

Database(s): IL TANKS
EDR ID Number: S121835285
EPA ID Number: N/A

U129
WNW
1/8-1/4
0.221 mi.
1167 ft.

Relative:
Higher

JOHN STROGER HOSPITAL
1969 1969 WEST OGDEN AVENUE
CHICAGO, IL 60612

Click here for full text details

Database(s): E MANIFEST
EDR ID Number: 1032112912
EPA ID Number: N/A

U130
WNW
1/8-1/4
0.221 mi.
1167 ft.

Relative:
Higher

HAZ/JOHN H STROGER HOSPITAL
1969 W OGDEN AVE
CHICAGO, IL 60612

Click here for full text details

Database(s): E MANIFEST
EDR ID Number: 1032080230
EPA ID Number: N/A

U131
WNW
1/8-1/4
0.221 mi.
1167 ft.

Relative:
Higher

JOHN H STROGER HOSPITAL OF COOK COUNTY
1969 OGDEN AVENUE SUITE 5854
CHICAGO, IL 60612

Click here for full text details

Database(s): E MANIFEST
EDR ID Number: 1032112544
EPA ID Number: N/A

U132
WNW
1/8-1/4
0.221 mi.
1167 ft.

Relative:
Higher

RXW/JOHN H STROGER HOSPITAL
1969 OGDEN AVE STE 130
CHICAGO, IL 60612

Click here for full text details

E MANIFEST

1032276443
N/A

T133
North
1/8-1/4
0.224 mi.
1181 ft.

Relative:
Lower

RUSH UNIVERSITY PATHOLOGISTS
1653 W CONGRESS PARKWAY
CHICAGO, IL 60612

Click here for full text details

E MANIFEST

1032273419
N/A

T134
North
1/8-1/4
0.224 mi.
1181 ft.

Relative:
Lower

RUSH UNIVERISTY MEDICAL CENTER
1653 WEST CONGRESS PARKWAY
CHICAGO, IL 60612

Click here for full text details

E MANIFEST

1032273413
N/A

T135
North
1/8-1/4
0.224 mi.
1181 ft.

Relative:
Lower

RUSH UNIVERISTY MEDICAL CENTER
1653 W CONGRESS PKWY
CHICAGO, IL 60612

Click here for full text details

E MANIFEST

1032273412
N/A

T136
North
1/8-1/4
0.224 mi.
1181 ft.

Relative:
Lower

RUSH UMC - 108 KIDSTON HOUSE
1653 W CONGRESS PKWY
CHICAGO, IL 60612

Click here for full text details

E MANIFEST

1032273411
N/A

T137
North
1/8-1/4
0.224 mi.
1181 ft.

Relative:
Lower

RUSH PRESBYTERIAN ST LUKES MED CENTER
1653 W. CONGRESS PKWY
CHICAGO, IL 60612

Click here for full text details

IL UST
Facility Id 2030979
Tank Status Removed

IL UST

U001143032
N/A

RUSH PRESBYTERIAN ST LUKES MED CENTER (Continued) **U001143032**

Tank Status Moved
Status CLOSED

T138
North
1/8-1/4
0.224 mi.
1181 ft.

Relative:
Lower

RUSH UNIVERSITY MEDICAL CTR
1653 W CONGRESS PKWY
CHICAGO, IL 60612

RCRA-LQG **1000238453**
ILD068610245

Click here for full text details

RCRA-LQG
EPA Id ILD068610245

T139
North
1/8-1/4
0.224 mi.
1181 ft.

Relative:
Lower

RUSH UNIVERSITY MEDICAL CTR
1653 W CONGRESS PKWY
CHICAGO, IL 60612

E MANIFEST **1032273418**
N/A

Click here for full text details

T140
North
1/8-1/4
0.224 mi.
1181 ft.

Relative:
Lower

RUSH UNIVERSITY
1653 W CONGRESS PKWY
CHICAGO, IL 60612

E MANIFEST **1032273420**
N/A

Click here for full text details

T141
North
1/8-1/4
0.224 mi.
1181 ft.

Relative:
Lower

RUSH MEDICAL CTR.
1653 WEST CONGRESS PKWY.
CHICAGO, IL 60612

IL LUST **S109953920**
IL ENG CONTROLS **N/A**
IL INST CONTROL
IL SRP

Click here for full text details

IL LUST
Incident Num 940566
IL EPA Id 0316286262

IL ENG CONTROLS
Illinois Epa Id 316286262

IL INST CONTROL
Illinois EPA Id 316286262

IL SRP
IL EPA Id 316286262

T142
North
1/8-1/4
0.224 mi.
1181 ft.

Relative:
Lower

RUSH PRESBYTERIAN ST LUKES MED CENTER
1653 W. CONGRESS PKWY
CHICAGO, IL 60612

UST FINDER

1028316482
N/A

Click here for full text details

T143
North
1/8-1/4
0.224 mi.
1181 ft.

Relative:
Lower

RUSH MEDICAL /ATRIUM BUILDING
1653 W CONGRESS PKWY
CHICAGO, IL

IL TANKS

S121839636
N/A

Click here for full text details

T144
North
1/8-1/4
0.224 mi.
1181 ft.

Relative:
Lower

1653 W CONGRESS PKWY
CHICAGO, IL 60612

MI MANIFEST

S130522420
N/A

Click here for full text details

T145
North
1/8-1/4
0.224 mi.
1181 ft.

Relative:
Lower

RUSH UNIVERSITY MEDICAL CENTER
1653 WEST CONGRESS PARKWAY
CHICAGO, IL 60612

E MANIFEST

1032273417
N/A

Click here for full text details

V146
NNW
1/8-1/4
0.226 mi.
1194 ft.

Relative:
Lower

RUSH PRESBRYTERIAN ST LUKES MED CTR
1753 W CONGRESS PKWY
CHICAGO, IL 60612

MN MANIFEST

S119126102
N/A

Click here for full text details

V147
NNW
1/8-1/4
0.226 mi.
1194 ft.

Relative:
Lower

RUSH PRESBYTERIAN ST LUKES MEDICAL CTR
1753 W CONGRESS PKWY
CHICAGO, IL 60612

MN MANIFEST

S119126101
N/A

Click here for full text details

148
South
1/8-1/4
0.228 mi.
1204 ft.

Relative:
Higher

U & I CLEANERS AND TAILORS
1657 W ROOSEVELT RD FL A8
CHICAGO, IL 60608

IL DRYCLEANERS **S127498090**
N/A

Click here for full text details

V149
North
1/8-1/4
0.233 mi.
1230 ft.

Relative:
Lower

RUSH PRESBYTERIAN HOSPITAL
1725 W CONGRESS PKWY
CHICAGO, IL

IL TANKS **S121835636**
N/A

Click here for full text details

W150
South
1/8-1/4
0.234 mi.
1234 ft.

Relative:
Higher

VACANT PROPERTY
1725 W ROOSEVELT RD
CHICAGO, IL

IL TANKS **S121841451**
N/A

Click here for full text details

W151
South
1/8-1/4
0.234 mi.
1234 ft.

Relative:
Higher

VACANT PROPERTY
1725 W ROOSEVELT RD THRID PARTY REMOVAL
CHICAGO, IL 60608

IL UST **U003853386**
N/A

Click here for full text details

IL UST
Facility Id 2041024
Tank Status Removed
Status EXEMPT

T152
North
1/8-1/4
0.235 mi.
1239 ft.

Relative:
Lower

ATRIUM BUILDING
500 S. PAULINA
CHICAGO, IL 60612

IL UST **U004022848**
N/A

Click here for full text details

IL UST
Facility Id 2043096
Tank Status Abandoned in place
Status CLOSED

T153
North
1/8-1/4
0.235 mi.
1239 ft.

Relative:
Lower

RUSH HOSP/WOMEN CANCER TREATMENT
500 S PAULINA ST
CHICAGO, IL

IL TANKS **S121842211**
N/A

Click here for full text details

X154
North
1/8-1/4
0.235 mi.
1239 ft.

Relative:
Lower

RUSH HOSPITAL/KELLOGG BUILDING
1717 W CONGRESS PKWY
CHICAGO, IL

IL TANKS **S121842212**
N/A

Click here for full text details

X155
North
1/8-1/4
0.235 mi.
1239 ft.

Relative:
Lower

RUSH UNIVERSITY MEDICAL CENTER
1717 W CONGRESS PKWY
CHICAGO, IL

IL TANKS **S121835561**
N/A

Click here for full text details

X156
North
1/8-1/4
0.235 mi.
1239 ft.

Relative:
Lower

KELLOGG BUILDING
1717 WEST CONGRESS PARKWAY
CHICAGO, IL 60612

IL UST **U004022818**
N/A

Click here for full text details

IL UST
Facility Id 2043097
Tank Status Abandoned in place
Status CLOSED

V157
NNW
1/8-1/4
0.237 mi.
1250 ft.

Relative:
Lower

PRESBYTERIAN HOSPITAL
1751 W CONGRESS PKWY
CHICAGO, IL

IL TANKS **S121835817**
N/A

Click here for full text details

U158
WNW
1/8-1/4
0.237 mi.
1252 ft.

Relative:
Higher

COUNTY OF COOK
735 S WINCHESTER AVE
CHICAGO, IL

Click here for full text details

Database(s): IL TANKS
EDR ID Number: S121830069
EPA ID Number: N/A

W159
South
1/8-1/4
0.238 mi.
1256 ft.

Relative:
Higher

IRVING NUGER
1731 W ROOSEVELT RD
CHICAGO, IL

Click here for full text details

Database(s): IL TANKS
EDR ID Number: S121835688
EPA ID Number: N/A

Y160
ESE
1/8-1/4
0.239 mi.
1261 ft.

Relative:
Higher

OK CLEANERS
1528 W TAYLOR ST
CHICAGO, IL 60607

Click here for full text details

Database(s): E MANIFEST
EDR ID Number: 1032220610
EPA ID Number: N/A

Y161
ESE
1/8-1/4
0.239 mi.
1261 ft.

Relative:
Higher

OK CLEANERS
1528 W TAYLOR
CHICAGO, IL 60607

Click here for full text details

Database(s): RCRA-SQG, IL INST CONTROL, IL SRP, FINDS, ECHO, IL DRYCLEANERS
EDR ID Number: 1000614786
EPA ID Number: ILD984851014

RCRA-SQG
EPA Id ILD984851014

IL INST CONTROL
Illinois EPA Id 316285170

IL SRP
IL EPA Id 316285170

FINDS
Registry ID: 110005905618

ECHO
Registry ID 110005905618

Z162
NE
1/8-1/4
0.241 mi.
1272 ft.

Relative:
Lower

RUSH UNIVERSITY MEDICAL CENTER
CORNER OF HARRISON & ASHLAND
CHICAGO, IL 60612

Click here for full text details

IL LUST
NFA/NFR Letter 2012-03-06
Incident Num 20081667
IL EPA Id 0316275076

IL LUST | **S109366180**
N/A

Z163
NE
1/8-1/4
0.241 mi.
1272 ft.

Relative:
Lower

RUSH UNIVERSITY MEDICAL CENTER
CORNER OF HARRISON & ASHLAND
CHICAGO, IL 0

Click here for full text details

UST FINDER RELEASE | **1028994804**
N/A

AA164
NNE
1/8-1/4
0.242 mi.
1277 ft.

Relative:
Lower

CONSTRUCTION SITE/HOSPITAL EXPANSIO
1620 W HARRISON ST
CHICAGO, IL

Click here for full text details

IL TANKS | **S121842599**
N/A

AA165
NNE
1/8-1/4
0.242 mi.
1277 ft.

Relative:
Lower

CONSTRUCTION SITE
1620 W. HARRISON
CHICAGO, IL 60612

Click here for full text details

IL UST
Facility Id 2044210
Tank Status Removed
Status EXEMPT

IL UST | **U004126700**
N/A

AB166
SSE
1/8-1/4
0.247 mi.
1302 ft.

Relative:
Higher

BALABAU & KATZ
1641 W ROOSEVELT RD
CHICAGO, IL

Click here for full text details

IL TANKS | **S121835245**
N/A

AC167
NW
1/8-1/4
0.247 mi.
1305 ft.

Relative:
Higher

RXW/JOHN H STROGER HOSPITAL
1901 W HARRISON ST, STE 130
CHICAGO, IL 60612

RCRA-SQG
ICIS
US AIRS
E MANIFEST

1000266265
ILD021295738

Click here for full text details

RCRA-SQG
EPA Id ILD021295738

ICIS
FRS ID: 110001382691

US AIRS
EPA plant ID: 110001382691

AC168
NW
1/8-1/4
0.247 mi.
1305 ft.

Relative:
Higher

COOK COUNTY HOSPITAL
1901 W HARRISON ST
CHICAGO, IL 60612

NY MANIFEST

S119069387
N/A

Click here for full text details

NY MANIFEST
EPA ID ILD021295738

AC169
NW
1/8-1/4
0.247 mi.
1305 ft.

Relative:
Higher

1901 W HARRISON ST
CHICAGO, IL 60612

MI MANIFEST

S130522328
N/A

Click here for full text details

AD170
SSE
1/4-1/2
0.269 mi.
1418 ft.

Relative:
Higher

LAUGHILL CONSTRUCTION
ROOSEVELT & ASHLAND
CHICAGO, IL 60604

IL LUST
IL SPILLS

S108480202
N/A

Click here for full text details

IL LUST
Incident Num 20070299
IL EPA Id 0316325462

IL SPILLS
Incident ID 20070299

AD171
SSE
1/4-1/2
0.269 mi.
1418 ft.

Relative:
Higher

LAUGHILL CONSTRUCTION — **UST FINDER RELEASE** — **1028995313**
ROOSEVELT & ASHLAND — **N/A**
CHICAGO, IL 0

Click here for full text details

172
SSW
1/4-1/2
0.269 mi.
1419 ft.

Relative:
Higher

MILE SQUARE HEALTH CENTER — **IL SRP** — **S113248892**
1220 SOUTH WOOD STREET — **N/A**
CHICAGO, IL 60608

Click here for full text details

IL SRP
IL EPA Id 316605154

AB173
SSE
1/4-1/2
0.278 mi.
1466 ft.

Relative:
Higher

IL MEDICAL DIST. — **IL LUST** — **S106526676**
S.W. CORNER ASHLAND & WASHBURNE AVE. — **N/A**
CHICAGO, IL

Click here for full text details

IL LUST
NFA/NFR Letter 2001-03-01
Incident Num 20001600
IL EPA Id 0316275187

AB174
SSE
1/4-1/2
0.278 mi.
1466 ft.

Relative:
Higher

IL MEDICAL DIST. — **IL LUST** — **S106526677**
N.W. CORNER ASHLAND & WASHBURNE AVE. — **N/A**
CHICAGO, IL

Click here for full text details

IL LUST
NFA/NFR Letter 2001-03-01
Incident Num 20001601
IL EPA Id 0316275187

AB175
SSE
1/4-1/2
0.278 mi.
1466 ft.

Relative:
Higher

IL MEDICAL DIST. — **IL LUST** — **S106526675**
S.E. CORNER PAULINA ST. & ROOSEVELT RD. — **N/A**
CHICAGO, IL

Click here for full text details

IL LUST
NFA/NFR Letter 2001-03-01
Incident Num 20001599
IL EPA Id 0316275187

AB176
SSE
1/4-1/2
0.278 mi.
1466 ft.

Relative:
Higher

IL MEDICAL DIST.
N.E. CORNER PAULINA ST. & WASHBURNE AVE.
CHICAGO, IL

IL LUST **S106526674**
N/A

Click here for full text details

IL LUST
NFA/NFR Letter 2001-03-01
Incident Num 20001598
IL EPA Id 0316275187

AD177
SSE
1/4-1/2
0.298 mi.
1572 ft.

Relative:
Higher

FORMER SHELL SERVICE STATION #136931
1549 WEST ROOSEVELT RD.
CHICAGO, IL 0

UST FINDER RELEASE **1028994947**
N/A

Click here for full text details

AD178
SSE
1/4-1/2
0.298 mi.
1572 ft.

Relative:
Higher

FORMER SHELL SERVICE STATION #136931
1549 WEST ROOSEVELT RD.
CHICAGO, IL 60608

IL LUST **S105815826**
N/A

Click here for full text details

IL LUST
NFA/NFR Letter 2004-06-15
Incident Num 992426
IL EPA Id 0316286256

AD179
SSE
1/4-1/2
0.316 mi.
1667 ft.

Relative:
Higher

RAPATAS, PETER
1225 SOUTH ASHLAND AVE.
CHICAGO, IL 0

UST FINDER RELEASE **1028995226**
N/A

Click here for full text details

AD180
SSE
1/4-1/2
0.316 mi.
1667 ft.

Relative:
Higher

RAPATAS, PETER
1225 SOUTH ASHLAND AVE.
CHICAGO, IL 60608

IL LUST **S105620747**
N/A

Click here for full text details

IL LUST
NFA/NFR Letter 2004-11-01
Incident Num 20021258
IL EPA Id 0316315255

181
NW
1/4-1/2
0.325 mi.
1714 ft.

Relative:
Lower

CVS PHARMACY 283
1926 W. HARRISON ST.
CHICAGO, IL 60612

Click here for full text details

IL ENG CONTROLS
Illinois Epa Id 316275353

IL INST CONTROL
Illinois EPA Id 316275353

IL SRP
IL EPA Id 316275353

IL SPILLS
Incident ID 20210254

IL ENG CONTROLS
IL INST CONTROL
IL SRP
IL COMPLAINTS
IL SPILLS
IL ASBESTOS
IL Enforcement
IL CHICAGO INSPECT
IL PERMITS

S117472978
N/A

182
North
1/4-1/2
0.344 mi.
1818 ft.

Relative:
Lower

RUSH PRESBYTERIAN ST LUKES
1700 W VAN BUREN
CHICAGO, IL 60612

Click here for full text details

IL INST CONTROL
Illinois EPA Id 316275223

IL SRP
IL EPA Id 316275223

IL BOL
Site Id 170000516868
Inv Num 0316275223

IL INST CONTROL
IL SRP
IL BOL

S113269925
N/A

AE183
ESE
1/4-1/2
0.349 mi.
1845 ft.

Relative:
Higher

NATIONAL ITALIAN AMERICAN SPORTS HALL OF FAME
1425-1431 WEST TAYLOR ST.
CHICAGO, IL 0

Click here for full text details

UST FINDER RELEASE

1028995006
N/A

AE184
ESE
1/4-1/2
0.349 mi.
1845 ft.

Relative:
Higher

NATIONAL ITALIAN AMERICAN SPORTS HALL OF FAME
1425-1431 WEST TAYLOR ST.
CHICAGO, IL 60607

IL LUST **S105815262**
N/A

Click here for full text details

IL LUST
NFA/NFR Letter 2000-11-29
Incident Num 20000466
IL EPA Id 0316286486

AF185
West
1/4-1/2
0.354 mi.
1870 ft.

Relative:
Higher

JESSE BROWN VA MEDICAL CENTER
820 SOUTH DAMEN AVENUE
CHICAGO, IL 60612

IL LUST **S110360349**
IL TIER 2 **N/A**

Click here for full text details

IL LUST
Incident Num 20190627
IL EPA Id 0316280051

AF186
West
1/4-1/2
0.354 mi.
1870 ft.

Relative:
Higher

LARA'S AUTO REPAIR
820 NORTH DAMEN AVE.
CHICAGO, IL 60622

IL LUST **S104525558**
N/A

Click here for full text details

IL LUST
Incident Num 20120725
Incident Num 912826
IL EPA Id 0316280051
IL EPA Id 0316245093

AG187
North
1/4-1/2
0.382 mi.
2017 ft.

Relative:
Lower

TEAMSTERS LOCAL 705 BUILDING CORPORATION
321 SOUTH PAULINA STREET
CHICAGO, IL 60612

IL ENG CONTROLS **S117488795**
IL INST CONTROL **N/A**
IL SRP
IL CHICAGO INSPECT
IL PERMITS

Click here for full text details

IL ENG CONTROLS
Illinois Epa Id 316275386

IL INST CONTROL
Illinois EPA Id 316275386

IL SRP
IL EPA Id 316275386

188
NNE
1/4-1/2
0.382 mi.
2018 ft.

Relative:
Lower

AMOCO OIL CO. #18576 — **IL LUST** — **S103687509**
VANBUREN & ASHLAND — **N/A**
CHICAGO, IL 60612

Click here for full text details

IL LUST
NFA/NFR Letter 2001-03-13
Incident Num 931678
IL EPA Id 0316275049

AG189
North
1/4-1/2
0.398 mi.
2101 ft.

Relative:
Lower

WEST SIDE REALTY CORP. — **UST FINDER RELEASE** — **1028994800**
1655 WEST JACKSON — **N/A**
CHICAGO, IL 0

Click here for full text details

AG190
North
1/4-1/2
0.398 mi.
2101 ft.

Relative:
Lower

WEST SIDE REALTY CORP. — **IL LUST** — **S104525104**
1655 WEST JACKSON — **N/A**
CHICAGO, IL 60612

Click here for full text details

IL LUST
NFA/NFR Letter 1994-01-03
Incident Num 920737
IL EPA Id 0316275063

AG191
North
1/4-1/2
0.398 mi.
2102 ft.

Relative:
Lower

MATOCHA ASSOC. — **UST FINDER RELEASE** — **1028994802**
1645 WEST JACKSON — **N/A**
CHICAGO, IL 0

Click here for full text details

AG192
North
1/4-1/2
0.398 mi.
2102 ft.

Relative:
Lower

MATOCHA ASSOC. — **IL LUST** — **S104524686**
1645 WEST JACKSON — **N/A**
CHICAGO, IL 60612

Click here for full text details

IL LUST
NFA/NFR Letter 1993-09-14
Incident Num 922126
IL EPA Id 0316275070

193
West
1/4-1/2
0.405 mi.
2139 ft.

Relative:
Higher

V.A. HOSPITAL WEST SIDE ENERGY CENTER
2079 WEST OGDEN AVE.
CHICAGO, IL 60608

IL LUST **S106058438**
N/A

Click here for full text details

IL LUST
Incident Num 20031376
IL EPA Id 0316280051

AH194
NNW
1/4-1/2
0.409 mi.
2158 ft.

Relative:
Lower

BLACKHAWK COMM ICE RINK, LLC
1801-1851 WEST JACKSON BOULEVARD
CHICAGO, IL 60612

IL LUST **S119030116**
N/A

Click here for full text details

IL LUST
Incident Num 20160834
IL EPA Id 0316275378

AH195
NNW
1/4-1/2
0.409 mi.
2158 ft.

Relative:
Lower

BLACKHAWK COMM ICE RINK LLC
1801-1851 WEST JACKSON BLVD
CHICAGO, IL 60612

IL LUST **S120826317**
N/A

Click here for full text details

IL LUST
Incident Num 20170384
IL EPA Id 0316275378

AH196
NNW
1/4-1/2
0.409 mi.
2158 ft.

Relative:
Lower

BLACKHAWK COMM ICE RINK LLC
1801-1851 WEST JACKSON BLVD
CHICAGO, IL 0

UST FINDER RELEASE **1028994864**
N/A

Click here for full text details

AH197
NNW
1/4-1/2
0.409 mi.
2158 ft.

Relative:
Lower

BLACKHAWK COMM ICE RINK, LLC
1801-1851 WEST JACKSON BOULEVARD
CHICAGO, IL 0

UST FINDER RELEASE **1028994865**
N/A

Click here for full text details

AI198
NNW
1/4-1/2
0.423 mi.
2231 ft.

Relative:
Lower

CITY COLLEGES OF CHICAGO
1900 WEST VAN BUREN AVENUE
CHICAGO, IL 0

UST FINDER RELEASE

1028994784
N/A

Click here for full text details

AI199
NNW
1/4-1/2
0.423 mi.
2231 ft.

Relative:
Lower

CHICAGO, CITY OF FLEET & FACILITY
1900 WEST VAN BUREN AVENUE
CHICAGO, IL 0

UST FINDER RELEASE

1028994783
N/A

Click here for full text details

AI200
NNW
1/4-1/2
0.423 mi.
2231 ft.

Relative:
Lower

MALCOLM X COLLEGE
1900 WEST VAN BUREN STREET
CHICAGO, IL 60612

IL ENG CONTROLS
IL INST CONTROL
IL SRP

S118664950
N/A

Click here for full text details

IL ENG CONTROLS
Illinois Epa Id 316275016

IL INST CONTROL
Illinois EPA Id 316275016

IL SRP
IL EPA Id 316275016

AI201
NNW
1/4-1/2
0.423 mi.
2231 ft.

Relative:
Lower

CHICAGO, CITY OF FLEET & FACILITY
1900 WEST VAN BUREN AVENUE
CHICAGO, IL 60612

IL LUST

S118837843
N/A

Click here for full text details

IL LUST
Incident Num 20160323
IL EPA Id 0316275016

AI202
NNW
1/4-1/2
0.423 mi.
2231 ft.

Relative:
Lower

CITY COLLEGES OF CHICAGO
1900 WEST VAN BUREN AVENUE
CHICAGO, IL 60612

IL LUST

S118837838
N/A

Click here for full text details

IL LUST
Incident Num 20160240

CITY COLLEGES OF CHICAGO (Continued) **S118837838**

IL EPA Id 0316275016

203
SSE
1/4-1/2
0.423 mi.
2236 ft.

Relative:
Higher

1300 ASHLAND OPPORTUNITY, LLC
1319 SOUTH ASHLAND AVENUE
CHICAGO, IL 60608

IL LUST **S121833544**
IL TANKS **N/A**
IL ASBESTOS
IL Enforcement
IL CHICAGO INSPECT

Click here for full text details

IL LUST
NFA/NFR Letter 2020-07-28
Incident Num 20200015
IL EPA Id 0316315341

204
West
1/4-1/2
0.447 mi.
2362 ft.

Relative:
Higher

LEAD PRODUCT PLANT
2639 WEST LEXINGTON STREET
CHICAGO, IL 60643

SEMS-ARCHIVE **1003870061**
ILD980606461

Click here for full text details

SEMS-ARCHIVE
Site ID 0500616
EPA Id ILD980606461

AJ205
North
1/4-1/2
0.448 mi.
2366 ft.

Relative:
Lower

LA SALLE NATIONAL BANK TRUST #09-39503-10
1736-52 WEST OGDEN AVE.
CHICAGO, IL 0

UST FINDER RELEASE **1028994819**
N/A

Click here for full text details

AJ206
North
1/4-1/2
0.448 mi.
2366 ft.

Relative:
Lower

N/A VACANT PARKING LOT
1736-52 WEST OGDEN AVE
CHICAGO, IL 60674

IL LUST **U003298212**
IL UST **N/A**

Click here for full text details

IL LUST
NFA/NFR Letter 1999-06-17
Incident Num 981300
IL EPA Id 0316275150

IL UST
Facility Id 2036432
Tank Status Removed
Status CLOSED

AK207
South
1/4-1/2
0.449 mi.
2372 ft.

Relative:
Higher

NOVAK CONSTRUCTION COMPANY
1430 SOUTH ASHLAND
CHICAGO, IL 60608

IL LUST **S112056857**
IL TIER 2 **N/A**

Click here for full text details

IL LUST
Incident Num 20120317
IL EPA Id 0316605149

AL208
SW
1/4-1/2
0.456 mi.
2407 ft.

Relative:
Higher

PUBLIC BLDG. COMMISSION OF CHICAGO
1240 SOUTH DAMEN AVENUE
CHICAGO, IL 60608

IL LUST **S106029709**
IL ENG CONTROLS **N/A**
IL INST CONTROL
IL SRP

Click here for full text details

IL LUST
Incident Num 20000159
IL EPA Id 0316315210

IL ENG CONTROLS
Illinois Epa Id 316315210

IL INST CONTROL
Illinois EPA Id 316315210

IL SRP
IL EPA Id 316315210

AL209
SW
1/4-1/2
0.456 mi.
2407 ft.

Relative:
Higher

PUBLIC BLDG. COMMISSION OF CHICAGO
1240 SOUTH DAMEN AVENUE
CHICAGO, IL 0

UST FINDER RELEASE **1028995205**
N/A

Click here for full text details

210
ESE
1/4-1/2
0.460 mi.
2431 ft.

Relative:
Higher

TAYLOR ST LIBRARY & APTS
1346 W TAYLOR ST
CHICAGO, IL 60607

IL LUST **S117464053**
IL ENG CONTROLS **N/A**
IL INST CONTROL
IL SRP
IL SPILLS
IL COMPLAINTS
IL BOL
IL CHICAGO INSPECT
IL PERMITS

Click here for full text details

IL LUST
Incident Num 20181076
IL EPA Id 0316287086

TAYLOR ST LIBRARY & APTS (Continued) **S117464053**

IL ENG CONTROLS
Illinois Epa Id 316287086

IL INST CONTROL
Illinois EPA Id 316287086

IL SRP
IL EPA Id 316287086

IL BOL
Site Id 170002263235
Inv Num 0316287086

AM211
SE
1/4-1/2
0.463 mi.
2447 ft.

Relative:
Higher

CIRCLE PARK APARTMENTS **IL ENG CONTROLS** **S118664952**
NW CORNER OF WEST ROOSEVELT ROAD & SOUTH LOOMIS STREET **IL INST CONTROL** **N/A**
CHICAGO, IL 60608 **IL SRP**

Click here for full text details

IL ENG CONTROLS
Illinois Epa Id 316605178

IL INST CONTROL
Illinois EPA Id 316605178

IL SRP
IL EPA Id 316605178

212
East
1/4-1/2
0.471 mi.
2485 ft.

Relative:
Higher

CHICAGO HOUSING AUTHORITY **IL LUST** **S108649864**
1313 WEST ARTHINGTON **N/A**
CHICAGO, IL 60607

Click here for full text details

IL LUST
Incident Num 20070786
IL EPA Id 0316286496

AK213
South
1/4-1/2
0.475 mi.
2510 ft.

Relative:
Higher

MEDICAL CTR. COMMISSION
1705 WEST 14TH ST.
CHICAGO, IL 0

UST FINDER RELEASE

1028990067
N/A

Click here for full text details

AK214
South
1/4-1/2
0.475 mi.
2510 ft.

Relative:
Higher

MEDICAL CTR. COMMISSION
1705 WEST 14TH ST.
CHICAGO, IL 60608

IL LUST

S104526771
N/A

Click here for full text details

IL LUST
NFA/NFR Letter 2012-09-04
Incident Num 902290
IL EPA Id 0311625059

AM215
ESE
1/4-1/2
0.482 mi.
2547 ft.

Relative:
Higher

ABLA PHASE II - SOS CHILDREN'S VILLAGES
1350 WEST ROOSEVELT ROAD
CHICAGO, IL 60608

IL ENG CONTROLS
IL INST CONTROL
IL SRP

S107739246
N/A

Click here for full text details

IL ENG CONTROLS
Illinois Epa Id 316605065

IL INST CONTROL
Illinois EPA Id 316605065

IL SRP
IL EPA Id 316605065

216
North
1/4-1/2
0.492 mi.
2598 ft.

Relative:
Higher

UNION MEDICAL CENTER
1649 WEST ADAMS ST.
CHICAGO, IL 60612

IL LUST

S104521690
N/A

Click here for full text details

IL LUST
Incident Num 970047
IL EPA Id 0316286381

217
North
1/2-1
0.990 mi.
5229 ft.

Relative:
Higher

MIDWEST ELECTRIC MANUFACTURING CORP.
1639 WEST WALNUT STREET
CHICAGO, IL 60612

Click here for full text details

SEMS-ARCHIVE
CORRACTS
RCRA-TSDF
IL LUST
IL ENG CONTROLS
IL INST CONTROL
IL SRP
RCRA NonGen / NLR
2020 COR ACTION

1000436551
ILD059453373

SEMS-ARCHIVE
Site ID 0506803
EPA Id ILD059453373

CORRACTS
EPA ID: ILD059453373

RCRA-TSDF
EPA Id ILD059453373

IL LUST
NFA/NFR Letter 1994-02-15
Incident Num 930039
IL EPA Id 0316080001

IL ENG CONTROLS
Illinois Epa Id 316080001

IL INST CONTROL
Illinois EPA Id 316080001

IL SRP
IL EPA Id 316080001

RCRA NonGen / NLR
EPA Id ILD059453373

2020 COR ACTION
EPA ID: ILD059453373

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
IL	AIRS	Air Inventory Listing	Illinois EPA	03/07/2025	04/17/2025	07/02/2025
IL	ASBESTOS	Asbestos Notification Tracker Information	Illinois EPA	05/23/2025	07/16/2025	10/06/2025
IL	AST	Above Ground Storage Tanks	State Fire Marshal	05/07/2025	05/13/2025	07/31/2025
IL	BOL	Bureau of Land Inventory Database	Illinois Environmental Protection Agency	10/16/2023	04/23/2024	07/16/2024
IL	BROWNFIELDS	Redevelopment Assessment Database	Illinois Environmental Protection Agency	10/13/2025	10/14/2025	01/06/2026
IL	BROWNFIELDS	Municipal Brownfields Redevelopment Grant Program Project De	Illinois Environmental Protection Agency	02/11/2010	07/31/2014	09/08/2014
IL	CCDD	Clean Construction or Demolition Debris	Illinois EPA	12/16/2025	12/17/2025	12/23/2025
IL	CDL	Meth Drug Lab Site Listing	Department of Public Health	07/08/2025	07/09/2025	10/01/2025
IL	COAL ASH	Coal Ash Site Listing	Illinois EPA	10/01/2011	03/09/2012	04/10/2012
IL	DRYCLEANERS	Illinois Licensed Drycleaners	Drycleaner Environmental Response Trust Fund	07/16/2025	08/07/2025	10/29/2025
IL	ENG CONTROLS	Sites with Engineering Controls	Illinois Environmental Protection Agency	12/10/2025	12/10/2025	12/15/2025
IL	FIN ASSURANCE	Financial Assurance Information Listing	Illinois Environmental Protection Agency	05/22/2025	09/23/2025	12/15/2025
IL	HWAR	Hazard Waste Annual Report	Illinois EPA	12/31/2019	05/11/2021	08/02/2021
IL	IEMA SPILLS	Illinois Emergency Management Agency Spills	Illinois Emergency Management Agency	10/20/2025	10/21/2025	01/08/2026
IL	IL NIPC	Solid Waste Landfill Inventory	Northeastern Illinois Planning Commission	08/01/1988	04/07/2022	07/01/2022
IL	IMPDMENT	Surface Impoundment Inventory	Illinois Waste Management & Research Center	12/31/1980	03/08/2002	06/03/2002
IL	Inst Control	Institutional Controls	Illinois Environmental Protection Agency	12/10/2025	12/10/2025	12/15/2025
IL	LF SPECIAL WASTE	Special Waste Site List	Illinois EPA	01/01/1990	06/17/2009	07/15/2009
IL	LF WMRC	Waste Management & Research Center Landfill Database	Department of Natural Resources	12/31/2001	10/06/2006	11/06/2006
IL	LUST	Leaking Underground Storage Tank Sites	Illinois Environmental Protection Agency	10/13/2025	10/14/2025	01/07/2026
IL	LUST TRUST	Underground Storage Tank Fund Payment Priority List	Illinois EPA	06/06/2016	07/27/2016	10/18/2016
IL	NPDES	A Listing of Active Permits	Illinois EPA	04/16/2014	04/18/2014	05/20/2014
IL	PFAS	PFAS Sampling Listing	Illinois Environmental Protection Agency	12/15/2023	12/27/2023	12/29/2023
IL	PIMW	Potentially Infectious Medical Waste	Illinois EPA	09/05/2025	09/09/2025	12/01/2025
IL	RGA HWS	Recovered Government Archive State Hazardous Waste Facilitie	Department of Natural Resources		07/01/2013	12/30/2013
IL	RGA LF	Recovered Government Archive Solid Waste Facilities List	Illinois Environmental Protection Agency		07/01/2013	01/10/2014
IL	RGA LUST	Recovered Government Archive Leaking Underground Storage Tan	Illinois Environmental Protection Agency		07/01/2013	12/30/2013
IL	SPILLS	State spills	Illinois EPA	07/10/2025	07/16/2025	10/06/2025
IL	SPILLS 90	SPILLS90 data from FirstSearch	FirstSearch	07/18/2012	01/03/2013	03/15/2013
IL	SRP	Site Remediation Program Database	Illinois Environmental Protection Agency	12/10/2025	12/10/2025	12/15/2025
IL	SSU	State Sites Unit Listing	Illinois Environmental Protection Agency	01/16/2025	02/11/2025	04/29/2025
IL	SWF/LF	Available Disposal for Solid Waste in Illinois - Solid Waste	Illinois Environmental Protection Agency	12/31/2024	10/14/2025	01/07/2026
IL	TIER 2	Tier 2 Information Listing	Illinois Emergency Management Agency	12/31/2024	05/06/2025	07/30/2025
IL	UIC	Underground Injection Wells	Illinois EPA	02/15/2024	05/22/2024	08/19/2024
IL	UST	Underground Storage Tank Facility List	Illinois State Fire Marshal	10/03/2025	10/03/2025	10/09/2025
US	2020 COR ACTION	2020 Corrective Action Program List	Environmental Protection Agency	09/30/2017	05/08/2018	07/20/2018
US	ABANDONED MINES	Abandoned Mines	Department of Interior	09/10/2025	09/10/2025	11/12/2025
US	AQUEOUS FOAM NRC	Aqueous Foam Related Incidents Listing	Environmental Protection Agency	09/25/2025	09/26/2025	11/24/2025
US	BIOSOLIDS	ICIS-NPDES Biosolids Facility Data	Environmental Protection Agency	09/27/2025	10/11/2025	01/07/2026
US	BRS	Biennial Reporting System	EPA/NTIS	12/31/2023	02/19/2025	03/07/2025
US	COAL ASH DOE	Steam-Electric Plant Operation Data	Department of Energy	12/31/2023	10/16/2024	01/14/2025
US	COAL ASH EPA	Coal Combustion Residues Surface Impoundments List	Environmental Protection Agency	01/12/2017	03/05/2019	11/11/2019
US	CONSENT	Superfund (CERCLA) Consent Decrees	Department of Justice, Consent Decree Library	06/30/2025	07/29/2025	10/28/2025
US	CORRACTS	Corrective Action Report	EPA	11/30/2025	12/03/2025	12/10/2025
US	DEBRIS REGION 9	Torres Martinez Reservation Illegal Dump Site Locations	EPA, Region 9	01/12/2009	05/07/2009	09/21/2009
US	DOCKET HWC	Hazardous Waste Compliance Docket Listing	Environmental Protection Agency	05/06/2021	05/21/2021	08/11/2021
US	DOD	Department of Defense Sites	USGS	06/07/2021	07/13/2021	03/09/2022

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
US	DOT OPS	Incident and Accident Data	Department of Transporation, Office of Pipeli	06/30/2025	07/17/2025	10/13/2025
US	Delisted NPL	National Priority List Deletions	EPA	09/29/2025	10/01/2025	10/28/2025
US	E MANIFEST	Hazardous Waste Electronic Manifest System	Environmental Protection Agency	11/30/2025	12/05/2025	12/19/2025
US	ECHO	Enforcement & Compliance History Information	Environmental Protection Agency	09/20/2025	09/26/2025	11/24/2025
US	EDR Hist Auto	EDR Exclusive Historical Auto Stations	EDR, Inc.			
US	EDR Hist Cleaner	EDR Exclusive Historical Cleaners	EDR, Inc.			
US	EDR MGP	EDR Proprietary Manufactured Gas Plants	EDR, Inc.			
US	EPA WATCH LIST	EPA Watch List	Environmental Protection Agency	08/30/2013	03/21/2014	06/17/2014
US	ERNS	Emergency Response Notification System	National Response Center, United States Coast	09/23/2025	10/01/2025	12/10/2025
US	FEDERAL FACILITY	Federal Facility Site Information listing	Environmental Protection Agency	09/22/2025	09/23/2025	11/18/2025
US	FEDLAND	Federal and Indian Lands	U.S. Geological Survey	04/02/2018	04/11/2018	11/06/2019
US	FEMA UST	Underground Storage Tank Listing	FEMA	06/06/2025	08/26/2025	11/12/2025
US	FINDS	Facility Index System/Facility Registry System	EPA	09/04/2025	10/01/2025	11/18/2025
US	FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA/Office of Prevention, Pesticides and Toxi	04/09/2009	04/16/2009	05/11/2009
US	FTTS INSP	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA	04/09/2009	04/16/2009	05/11/2009
US	FUDS	Formerly Used Defense Sites	U.S. Army Corps of Engineers	07/23/2025	07/23/2025	07/29/2025
US	FUELS PROGRAM	EPA Fuels Program Registered Listing	EPA	08/07/2025	08/07/2025	11/04/2025
US	FUSRAP	Formerly Utilized Sites Remedial Action Program	Department of Energy	03/03/2023	03/03/2023	06/09/2023
US	HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	HIST FTTS INSP	FIFRA/TSCA Tracking System Inspection & Enforcement Case Lis	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	HMIRS	Hazardous Materials Information Reporting System	U.S. Department of Transportation	09/29/2025	10/01/2025	12/10/2025
US	ICIS	Integrated Compliance Information System	Environmental Protection Agency	11/18/2016	11/23/2016	02/10/2017
US	IHS OPEN DUMPS	Open Dumps on Indian Land	Department of Health & Human Serivces, Indian	02/07/2024	11/13/2024	11/19/2024
US	INDIAN LUST R1	Leaking Underground Storage Tanks on Indian Land	EPA Region 1	04/21/2025	07/10/2025	10/02/2025
US	INDIAN LUST R10	Leaking Underground Storage Tanks on Indian Land	EPA Region 10	05/27/2025	07/10/2025	10/02/2025
US	INDIAN LUST R4	Leaking Underground Storage Tanks on Indian Land	EPA Region 4	04/21/2025	07/10/2025	10/02/2025
US	INDIAN LUST R5	Leaking Underground Storage Tanks on Indian Land	EPA, Region 5	04/21/2025	07/10/2025	10/02/2025
US	INDIAN LUST R6	Leaking Underground Storage Tanks on Indian Land	EPA Region 6	04/21/2025	07/10/2025	10/02/2025
US	INDIAN LUST R7	Leaking Underground Storage Tanks on Indian Land	EPA Region 7	05/22/2025	07/10/2025	10/02/2025
US	INDIAN LUST R8	Leaking Underground Storage Tanks on Indian Land	EPA Region 8	05/22/2025	07/10/2025	10/02/2025
US	INDIAN LUST R9	Leaking Underground Storage Tanks on Indian Land	Environmental Protection Agency	04/21/2025	07/10/2025	10/02/2025
US	INDIAN ODI	Report on the Status of Open Dumps on Indian Lands	Environmental Protection Agency	12/31/1998	12/03/2007	01/24/2008
US	INDIAN RESERV	Indian Reservations	USGS	12/31/2014	07/14/2015	01/10/2017
US	INDIAN UST R1	Underground Storage Tanks on Indian Land	EPA, Region 1	04/21/2025	07/10/2025	10/02/2025
US	INDIAN UST R10	Underground Storage Tanks on Indian Land	EPA Region 10	05/27/2025	07/10/2025	10/02/2025
US	INDIAN UST R4	Underground Storage Tanks on Indian Land	EPA Region 4	04/21/2025	07/10/2025	10/02/2025
US	INDIAN UST R5	Underground Storage Tanks on Indian Land	EPA Region 5	04/21/2025	07/10/2025	10/02/2025
US	INDIAN UST R6	Underground Storage Tanks on Indian Land	EPA Region 6	04/21/2025	07/10/2025	10/02/2025
US	INDIAN UST R7	Underground Storage Tanks on Indian Land	EPA Region 7	05/22/2025	07/10/2025	10/02/2025
US	INDIAN UST R8	Underground Storage Tanks on Indian Land	EPA Region 8	05/22/2025	07/10/2025	10/02/2025
US	INDIAN UST R9	Underground Storage Tanks on Indian Land	EPA Region 9	04/21/2025	07/10/2025	10/02/2025
US	INDIAN VCP R1	Voluntary Cleanup Priority Listing	EPA, Region 1	07/27/2015	09/29/2015	02/18/2016
US	INDIAN VCP R7	Voluntary Cleanup Priority Lisitng	EPA, Region 7	03/20/2008	04/22/2008	05/19/2008
US	LEAD SMELTER 1	Lead Smelter Sites	Environmental Protection Agency	09/29/2025	10/01/2025	10/28/2025
US	LEAD SMELTER 2	Lead Smelter Sites	American Journal of Public Health	04/05/2001	10/27/2010	12/02/2010
US	LIENS 2	CERCLA Lien Information	Environmental Protection Agency	09/29/2025	10/01/2025	10/28/2025
US	LUCIS	Land Use Control Information System	Department of the Navy	03/11/2025	04/02/2025	06/24/2025

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
US	MINES MRDS	Mineral Resources Data System	USGS	06/04/2024	11/22/2024	02/18/2025
US	MINES VIOLATIONS	MSHA Violation Assessment Data	DOL, Mine Safety & Health Admi	01/01/2026	01/06/2026	01/07/2026
US	MLTS	Material Licensing Tracking System	Nuclear Regulatory Commission	08/11/2025	08/12/2025	11/04/2025
US	NPL	National Priority List	EPA	09/29/2025	10/01/2025	10/28/2025
US	NPL LIENS	Federal Superfund Liens	EPA	10/15/1991	02/02/1994	03/30/1994
US	ODI	Open Dump Inventory	Environmental Protection Agency	06/30/1985	08/09/2004	09/17/2004
US	PADS	PCB Activity Database System	EPA	08/12/2025	09/30/2025	11/24/2025
US	PCB TRANSFORMER	PCB Transformer Registration Database	Environmental Protection Agency	09/13/2019	11/06/2019	02/10/2020
US	PCS	Permit Compliance System	EPA, Office of Water	12/16/2016	01/06/2017	03/10/2017
US	PCS ENF	Enforcement data	EPA	12/31/2014	02/05/2015	03/06/2015
US	PFAS ATSDR	PFAS Contamination Site Location Listing	Department of Health & Human Services	11/12/2024	07/21/2025	10/13/2025
US	PFAS ECHO	Facilities in Industries that May Be Handling PFAS Listing	Environmental Protection Agency	12/17/2025	12/18/2025	12/23/2025
US	PFAS ECHO FIRE TRAIN	Facilities in Industries that May Be Handling PFAS Listing	Environmental Protection Agency	12/17/2025	12/18/2025	12/23/2025
US	PFAS FEDERAL SITES	Federal Sites PFAS Information	Environmental Protection Agency	12/17/2025	12/18/2025	12/23/2025
US	PFAS NPDES	Clean Water Act Discharge Monitoring Information	Environmental Protection Agency	12/17/2025	12/19/2025	12/23/2025
US	PFAS NPL	Superfund Sites with PFAS Detections Information	Environmental Protection Agency	12/17/2025	12/18/2025	12/23/2025
US	PFAS PROJECT	NORTHEASTERN UNIVERSITY PFAS PROJECT	Social Science Environmental Health Research	05/15/2024	03/06/2025	06/03/2025
US	PFAS PT 139 AIRPORT	All Certified Part 139 Airports PFAS Information Listing	Environmental Protection Agency	12/17/2025	12/18/2025	12/23/2025
US	PFAS RCRA MANIFEST	PFAS Transfers Identified In the RCRA Database Listing	Environmental Protection Agency	12/17/2025	12/18/2025	12/23/2025
US	PFAS TRIS	List of PFAS Added to the TRI	Environmental Protection Agency	12/17/2025	12/18/2025	12/23/2025
US	PFAS TSCA	PFAS Manufacture and Imports Information	Environmental Protection Agency	12/17/2025	12/18/2025	12/23/2025
US	PFAS WQP	Ambient Environmental Sampling for PFAS	Environmental Protection Agency	12/17/2025	12/18/2025	01/07/2026
US	PRP	Potentially Responsible Parties	EPA	06/26/2025	07/01/2025	07/29/2025
US	Proposed NPL	Proposed National Priority List Sites	EPA	09/29/2025	10/01/2025	10/28/2025
US	RAATS	RCRA Administrative Action Tracking System	EPA	04/17/1995	07/03/1995	08/07/1995
US	RADINFO	Radiation Information Database	Environmental Protection Agency	07/01/2019	07/01/2019	09/23/2019
US	RCRA NonGen / NLR	RCRA - Non Generators / No Longer Regulated	Environmental Protection Agency	11/30/2025	12/03/2025	12/10/2025
US	RCRA-LQG	RCRA - Large Quantity Generators	Environmental Protection Agency	11/30/2025	12/03/2025	12/10/2025
US	RCRA-SQG	RCRA - Small Quantity Generators	Environmental Protection Agency	11/30/2025	12/03/2025	12/10/2025
US	RCRA-TSDF	RCRA - Treatment, Storage and Disposal	Environmental Protection Agency	11/30/2025	12/03/2025	12/10/2025
US	RCRA-VSQG	RCRA - Very Small Quantity Generators (Formerly Conditionall	Environmental Protection Agency	11/30/2025	12/03/2025	12/10/2025
US	RMP	Risk Management Plans	Environmental Protection Agency	07/01/2025	07/29/2025	10/28/2025
US	ROD	Records Of Decision	EPA	10/30/2025	11/03/2025	11/18/2025
US	SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing	Environmental Protection Agency	07/30/2021	02/03/2023	02/10/2023
US	SEMS	Superfund Enterprise Management System	EPA	09/29/2025	10/01/2025	10/28/2025
US	SEMS-ARCHIVE	Superfund Enterprise Management System Archive	EPA	09/29/2025	10/01/2025	10/28/2025
US	SSTS	Section 7 Tracking Systems	EPA	10/13/2025	10/14/2025	01/07/2026
US	TRIS	Toxic Chemical Release Inventory System	EPA	12/31/2023	08/11/2025	11/10/2025
US	TSCA	Toxic Substances Control Act	EPA	12/31/2020	06/14/2022	03/24/2023
US	UMTRA	Uranium Mill Tailings Sites	Department of Energy	05/15/2025	05/15/2025	07/29/2025
US	US AIRS (AFS)	Aerometric Information Retrieval System Facility Subsystem (	EPA	10/12/2016	10/26/2016	02/03/2017
US	US AIRS MINOR	Air Facility System Data	EPA	10/12/2016	10/26/2016	02/03/2017
US	US BROWNFIELDS	A Listing of Brownfields Sites	Environmental Protection Agency	09/19/2025	10/01/2025	11/24/2025
US	US CDL	Clandestine Drug Labs	Drug Enforcement Administration	04/04/2025	06/02/2025	08/12/2025
US	US ENG CONTROLS	Engineering Controls Sites List	Environmental Protection Agency	10/30/2025	11/11/2025	11/12/2025
US	US FIN ASSUR	Financial Assurance Information	Environmental Protection Agency	06/02/2025	06/03/2025	06/16/2025
US	US HIST CDL	National Clandestine Laboratory Register	Drug Enforcement Administration	04/04/2025	06/02/2025	08/12/2025

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
US	US INST CONTROLS	Institutional Controls Sites List	Environmental Protection Agency	10/30/2025	11/11/2025	11/12/2025
US	US MINES	Mines Master Index File	Department of Labor, Mine Safety and Health A	08/08/2025	08/18/2025	11/12/2025
US	US MINES 2	Ferrous and Nonferrous Metal Mines Database Listing	USGS	04/08/2025	05/20/2025	08/12/2025
US	US MINES 3	Active Mines & Mineral Plants Database Listing	USGS	04/14/2011	06/08/2011	09/13/2011
US	UST FINDER	UST Finder Database	Environmental Protection Agency	06/08/2023	10/04/2023	01/18/2024
US	UST FINDER RELEASE	UST Finder Releases Database	Environmental Protecton Agency	06/08/2023	10/31/2023	01/18/2024
US	UXO	Unexploded Ordnance Sites	Department of Defense	07/31/2025	08/14/2025	11/04/2025
CT	CT MANIFEST	Hazardous Waste Manifest Data	Department of Energy & Environmental Protecti	07/30/2025	07/31/2025	10/16/2025
NJ	NJ MANIFEST	Manifest Information	Department of Environmental Protection	12/31/2018	04/10/2019	05/16/2019
NY	NY MANIFEST	Facility and Manifest Data	Department of Environmental Conservation	12/31/2019	11/30/2023	12/01/2023
PA	PA MANIFEST	Manifest Information	Department of Environmental Protection	06/30/2018	07/19/2019	09/10/2019
RI	RI MANIFEST	Manifest information	Department of Environmental Management	12/31/2020	11/30/2021	02/18/2022
WI	WI MANIFEST	Manifest Information	Department of Natural Resources	05/31/2018	06/19/2019	09/03/2019
US	AHA Hospitals	Sensitive Receptor: AHA Hospitals	American Hospital Association, Inc.			
US	Medical Centers	Sensitive Receptor: Medical Centers	Centers for Medicare & Medicaid Services			
US	Nursing Homes	Sensitive Receptor: Nursing Homes	National Institutes of Health			
US	Public Schools	Sensitive Receptor: Public Schools	National Center for Education Statistics			
US	Private Schools	Sensitive Receptor: Private Schools	National Center for Education Statistics			
IL	Daycare Centers	Sensitive Receptor: Homes & Centers Listing	Department of Children & Family Services			
US	Flood Zones	100-year and 500-year flood zones	Emergency Management Agency (FEMA)			
US	NWI	National Wetlands Inventory	U.S. Fish and Wildlife Service			
IL	State Wetlands	Wetland Inventory	Illinois State Geological Survey			
US	Topographic Map		U.S. Geological Survey			
US	Oil/Gas Pipelines		Endeavor Business Media			
US	Electric Power Transmission Line Data		Endeavor Business Media			

STREET AND ADDRESS INFORMATION

© 2015 TomTom North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

UIC DRUG DISCOVERY CENTER
833 S. WOOD STREET
CHICAGO, IL 60612

TARGET PROPERTY COORDINATES

Latitude (North):	41.871285 - 41° 52' 16.63''
Longitude (West):	87.669969 - 87° 40' 11.89''
Universal Tranverse Mercator:	Zone 16
UTM X (Meters):	444401.4
UTM Y (Meters):	4635489.0
Elevation:	593 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	50053855 ENGLEWOOD, IL
Version Date:	2024
North Map:	50053422 CHICAGO LOOP, IL
Version Date:	2024

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

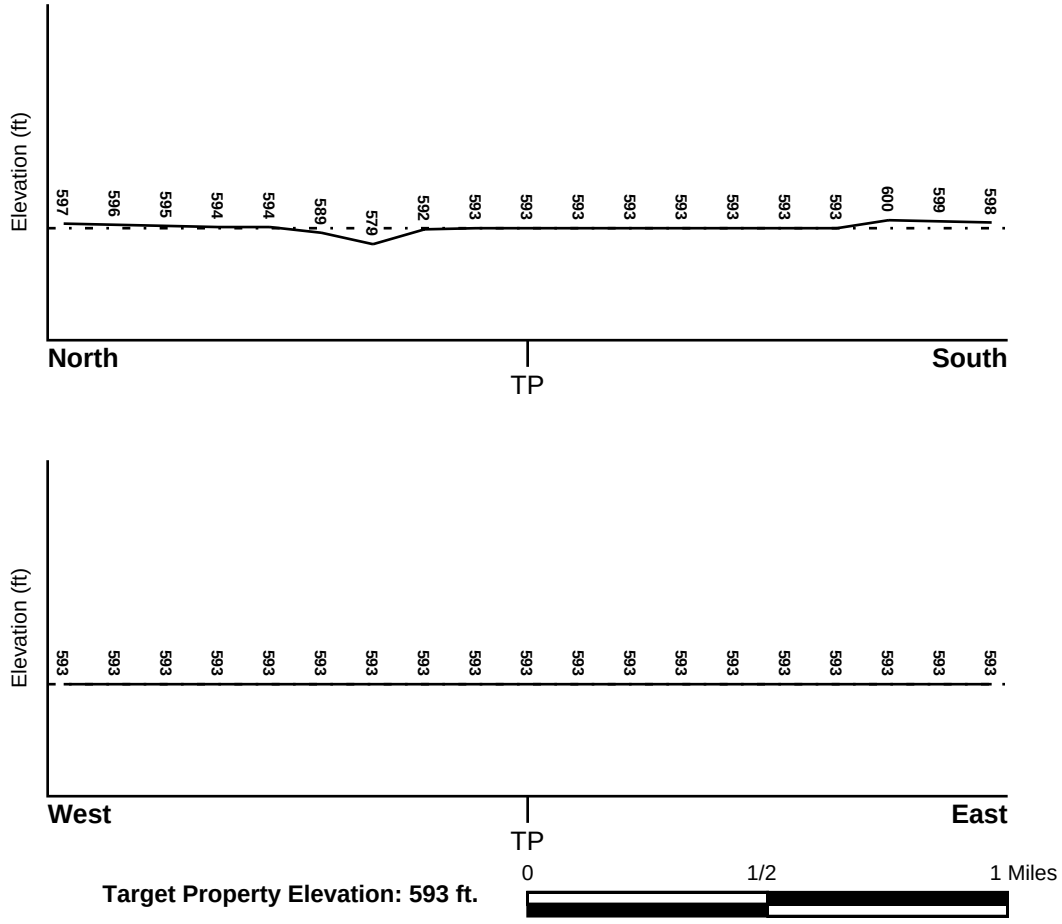
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General NNW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Flood Plain Panel at Target Property	FEMA Source Type
17031C0506J	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
17031C0415J	FEMA FIRM Flood data
17031C0418J	FEMA FIRM Flood data
17031C0419J	FEMA FIRM Flood data
1700740055B	FEMA Q3 Flood data
17031C0507J	FEMA FIRM Flood data
1700740070B	FEMA Q3 Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
ENGLEWOOD	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
M88	1/4 - 1/2 Mile NNE	Not Reported
197	1/2 - 1 Mile South	SW
215	1/2 - 1 Mile NE	Not Reported

* ©1996 Site−specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
1G	1/2 - 1 Mile NE	Not Reported
2G	1/4 - 1/2 Mile NNE	Not Reported
3G	1/2 - 1 Mile South	SW

For additional site information, refer to Physical Setting Source Map Findings.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT **GEOLOGIC AGE IDENTIFICATION**

Era:	Paleozoic	Category:	Stratifed Sequence
System:	Silurian		
Series:	Middle Silurian (Niagoaran)		
Code:	S2 *(decoded above as Era, System & Series)*		

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: URBANLAND

Soil Surface Texture: variable

Hydrologic Group: Not reported

Soil Drainage Class: Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Bedrock Max: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	60 inches	variable	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: silt loam
fine sandy loam
loam
fine sand

Surficial Soil Types: silt loam
fine sandy loam
loam
fine sand

Shallow Soil Types: sandy loam

Deeper Soil Types: silt loam
sand
loamy sand
loam

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A1	ILSG40000065037	0 - 1/8 Mile SW
A2	ILSG40000065034	0 - 1/8 Mile WSW
A3	ILSG40000065036	0 - 1/8 Mile SW
A4	ILSG40000065038	0 - 1/8 Mile SSW
A5	ILSG40000065035	0 - 1/8 Mile WSW
A6	ILSG40000065039	0 - 1/8 Mile SW
A7	ILSG40000065040	0 - 1/8 Mile SW
A8	ILSG40000050341	0 - 1/8 Mile South
A9	ILSG40000065043	0 - 1/8 Mile SSW
A10	ILSG40000065041	0 - 1/8 Mile SW
A11	ILSG40000050329	0 - 1/8 Mile South
A12	ILSG40000050328	0 - 1/8 Mile SSW
B13	ILSG40000050330	0 - 1/8 Mile South
A14	ILSG40000065042	0 - 1/8 Mile SSW
A15	ILSG40000050337	0 - 1/8 Mile SSW
B16	ILSG40000050331	0 - 1/8 Mile SSE
A17	ILSG40000050327	0 - 1/8 Mile SSW
B18	ILSG40000050344	0 - 1/8 Mile South
B19	ILSG40000050345	0 - 1/8 Mile South
B20	ILSG40000050332	0 - 1/8 Mile South
B21	ILSG40000050343	0 - 1/8 Mile South
A22	ILSG40000050336	0 - 1/8 Mile SSW
B23	ILSG40000050325	0 - 1/8 Mile SSW
B24	ILSG40000050340	0 - 1/8 Mile South
B25	ILSG40000050324	0 - 1/8 Mile SSE
A26	ILSG40000059728	0 - 1/8 Mile SW
C27	ILSG40000050322	0 - 1/8 Mile SW
C28	ILSG40000050334	0 - 1/8 Mile SSW
D29	ILSG40000059737	1/8 - 1/4 Mile NW
C30	ILSG40000059727	1/8 - 1/4 Mile SW
C31	ILSG40000050335	1/8 - 1/4 Mile SSW
B32	ILSG40000050333	1/8 - 1/4 Mile South
33	ILSG40000054325	1/8 - 1/4 Mile North
B34	ILSG40000050323	1/8 - 1/4 Mile South
C35	ILSG40000059729	1/8 - 1/4 Mile SW
B36	ILSG40000050342	1/8 - 1/4 Mile South

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
D37	ILSG40000059741	1/8 - 1/4 Mile WNW
B38	ILSG40000050339	1/8 - 1/4 Mile SSW
D39	ILSG40000054324	1/8 - 1/4 Mile NNW
E40	ILSG40000060078	1/8 - 1/4 Mile West
C41	ILSG40000050338	1/8 - 1/4 Mile SSW
E42	ILSG40000059739	1/8 - 1/4 Mile West
C43	ILSG40000050326	1/8 - 1/4 Mile SSW
D44	ILSG40000059738	1/8 - 1/4 Mile NW
C45	ILSG40000061000	1/8 - 1/4 Mile SW
D46	ILSG40000059740	1/8 - 1/4 Mile WNW
E47	ILSG40000060077	1/8 - 1/4 Mile West
D48	ILSG40000059733	1/8 - 1/4 Mile WNW
D49	ILSG40000059732	1/8 - 1/4 Mile WNW
D50	ILSG40000059730	1/8 - 1/4 Mile NW
C51	ILSG40000060999	1/8 - 1/4 Mile SW
E52	ILSG40000060075	1/8 - 1/4 Mile West
D53	ILSG40000059731	1/8 - 1/4 Mile NW
E54	ILSG40000060076	1/8 - 1/4 Mile West
E55	ILSG40000060074	1/8 - 1/4 Mile West
D56	ILSG40000059736	1/8 - 1/4 Mile NW
F57	ILSG40000059743	1/8 - 1/4 Mile WNW
F58	ILSG40000059742	1/8 - 1/4 Mile NW
59	ILSG40000059734	1/8 - 1/4 Mile NW
60	ILSG40000065053	1/8 - 1/4 Mile West
E61	ILSG40000060425	1/8 - 1/4 Mile West
E62	ILSG40000065052	1/8 - 1/4 Mile West
F63	ILSG40000060426	1/8 - 1/4 Mile WNW
G64	ILSG40000060428	1/8 - 1/4 Mile West
F65	ILSG40000059735	1/8 - 1/4 Mile NW
G66	ILSG40000060424	1/8 - 1/4 Mile West
H67	ILSG40000059745	1/8 - 1/4 Mile NNE
H68	ILSG40000059726	1/8 - 1/4 Mile NNE
G69	ILSG40000060427	1/8 - 1/4 Mile WNW
H70	ILSG40000059725	1/4 - 1/2 Mile NNE
H71	ILSG40000059746	1/4 - 1/2 Mile NNE
72	ILSG40000061989	1/4 - 1/2 Mile SSW
I73	ILSG40000058125	1/4 - 1/2 Mile North
J74	ILSG40000060996	1/4 - 1/2 Mile NNW
J75	ILSG40000058351	1/4 - 1/2 Mile NNW
J76	ILSG40000060997	1/4 - 1/2 Mile NNW
J77	ILSG40000060995	1/4 - 1/2 Mile NNW
J78	ILSG40000060998	1/4 - 1/2 Mile NNW
J79	ILSG40000058350	1/4 - 1/2 Mile NNW
J80	ILSG40000058348	1/4 - 1/2 Mile NNW
I81	ILSG40000058124	1/4 - 1/2 Mile North
K82	ILSG40000058352	1/4 - 1/2 Mile NNE
83	ILSG40000060803	1/4 - 1/2 Mile North
84	ILSG40000058349	1/4 - 1/2 Mile NNW
K85	ILSG40000058353	1/4 - 1/2 Mile NNE
L86	ILSG40000059395	1/4 - 1/2 Mile NE
L87	ILSG40000059394	1/4 - 1/2 Mile NE
M89	ILSG40000059063	1/4 - 1/2 Mile NNE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
M90	ILSG40000059062	1/4 - 1/2 Mile NNE
M91	ILSG40000059064	1/4 - 1/2 Mile NNE
M92	ILSG40000037577	1/4 - 1/2 Mile NNE
M93	ILSG40000037576	1/4 - 1/2 Mile NNE
N94	ILSG40000058347	1/4 - 1/2 Mile NW
N95	ILSG40000058346	1/4 - 1/2 Mile NW
96	ILSG40000037574	1/2 - 1 Mile NE
O97	ILSG40000060757	1/2 - 1 Mile East
P98	ILSG40000059857	1/2 - 1 Mile NE
Q99	ILSG40000060758	1/2 - 1 Mile ESE
P100	ILSG40000059856	1/2 - 1 Mile NE
101	ILSG40000037575	1/2 - 1 Mile NE
O102	ILSG40000060763	1/2 - 1 Mile East
P103	ILSG40000059956	1/2 - 1 Mile NNE
Q104	ILSG40000060762	1/2 - 1 Mile ESE
Q105	ILSG40000060760	1/2 - 1 Mile East
R106	ILSG40000059044	1/2 - 1 Mile NNE
Q107	ILSG40000060755	1/2 - 1 Mile East
O108	ILSG40000060764	1/2 - 1 Mile East
Q109	ILSG40000060754	1/2 - 1 Mile ESE
110	ILSG40000059957	1/2 - 1 Mile NNE
Q111	ILSG40000060761	1/2 - 1 Mile East
R112	ILSG40000059045	1/2 - 1 Mile NNE
113	ILSG40000060756	1/2 - 1 Mile East
R114	ILSG40000059046	1/2 - 1 Mile NNE
S115	ILSG40000060759	1/2 - 1 Mile ESE
S116	ILSG40000062007	1/2 - 1 Mile ESE
R117	ILSG40000059033	1/2 - 1 Mile NNE
R118	ILSG40000059034	1/2 - 1 Mile NNE
T119	ILSG40000059954	1/2 - 1 Mile NNE
T120	ILSG40000059958	1/2 - 1 Mile NNE
T121	ILSG40000059955	1/2 - 1 Mile NNE
U122	ILSG40000058344	1/2 - 1 Mile WNW
U123	ILSG40000058345	1/2 - 1 Mile WNW
T124	ILSG40000059959	1/2 - 1 Mile NNE
V125	ILSG40000060795	1/2 - 1 Mile ENE
W126	ILSG40000060398	1/2 - 1 Mile South
V127	ILSG40000060792	1/2 - 1 Mile NE
V128	ILSG40000060793	1/2 - 1 Mile ENE
W129	ILSG40000060397	1/2 - 1 Mile SSE
V130	ILSG40000060794	1/2 - 1 Mile ENE
X131	ILSG40000060127	1/2 - 1 Mile North
Y132	ILSG40000053152	1/2 - 1 Mile SE
Y133	ILSG40000053153	1/2 - 1 Mile SE
Z134	ILSG40000060125	1/2 - 1 Mile NNW
Y135	ILSG40000053158	1/2 - 1 Mile SE
Y136	ILSG40000053154	1/2 - 1 Mile SE
V137	ILSG40000037573	1/2 - 1 Mile ENE
Y138	ILSG40000053159	1/2 - 1 Mile SE
Y139	ILSG40000053157	1/2 - 1 Mile SE
Y140	ILSG40000053155	1/2 - 1 Mile SE
141	ILSG40000037552	1/2 - 1 Mile ENE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

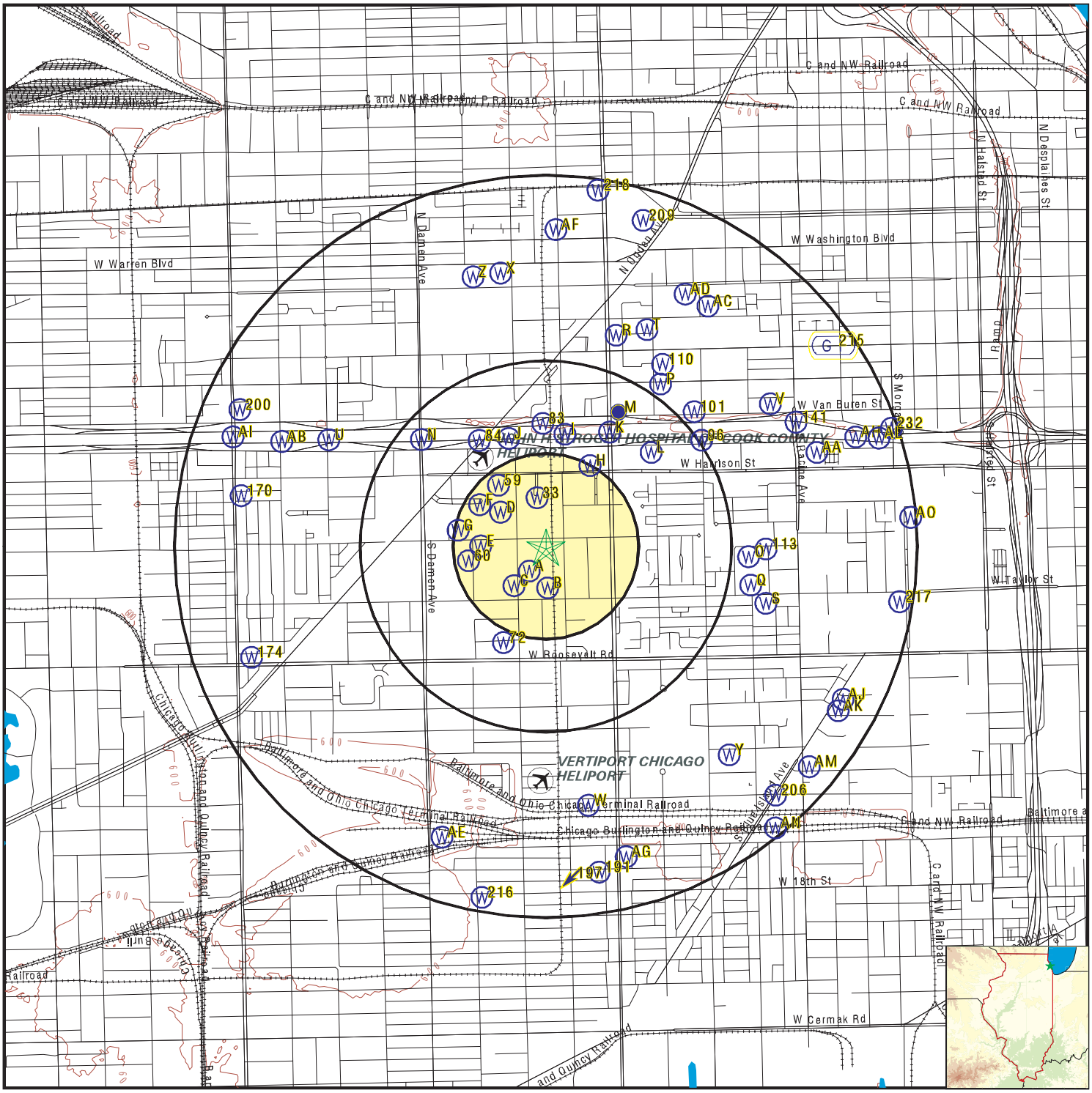
MAP ID	WELL ID	LOCATION FROM TP
X142	ILSG40000060126	1/2 - 1 Mile NNW
Y143	ILSG40000053160	1/2 - 1 Mile SE
Y144	ILSG40000053156	1/2 - 1 Mile SE
AA145	ILPW7087	1/2 - 1 Mile ENE
AA146	ILPW7090	1/2 - 1 Mile ENE
AA147	ILPW7089	1/2 - 1 Mile ENE
AA148	ILPW7088	1/2 - 1 Mile ENE
X149	ILSG40000060123	1/2 - 1 Mile North
Y150	ILSG40000053161	1/2 - 1 Mile SE
Z151	ILSG40000060124	1/2 - 1 Mile NNW
AB152	ILSG40000058342	1/2 - 1 Mile WNW
AB153	ILSG40000058343	1/2 - 1 Mile WNW
AA154	ILSG40000060462	1/2 - 1 Mile ENE
AC155	ILSG40000060235	1/2 - 1 Mile NE
AC156	ILSG40000061742	1/2 - 1 Mile NNE
AD157	ILSG40000061741	1/2 - 1 Mile NNE
AD158	ILSG40000061740	1/2 - 1 Mile NNE
AC159	ILSG40000060232	1/2 - 1 Mile NE
AA160	ILSG40000060463	1/2 - 1 Mile ENE
AA161	ILSG40000037553	1/2 - 1 Mile ENE
AC162	ILSG40000060234	1/2 - 1 Mile NE
AA163	ILSG40000060461	1/2 - 1 Mile ENE
AC164	ILSG40000060233	1/2 - 1 Mile NE
AA165	ILSG40000057271	1/2 - 1 Mile ENE
AE166	ILPW7093	1/2 - 1 Mile SSW
AE167	ILPW7094	1/2 - 1 Mile SSW
AE168	ILPW7095	1/2 - 1 Mile SSW
AE169	ILPW7096	1/2 - 1 Mile SSW
170	ILSG40000049633	1/2 - 1 Mile West
AF171	ILSG40000053396	1/2 - 1 Mile North
AG172	ILSG40000059053	1/2 - 1 Mile SSE
AF173	ILSG40000060871	1/2 - 1 Mile North
174	ILSG40000049634	1/2 - 1 Mile WSW
AG175	ILSG40000059058	1/2 - 1 Mile SSE
AG176	ILSG40000059054	1/2 - 1 Mile SSE
AF177	ILSG40000053395	1/2 - 1 Mile North
AF178	ILSG40000060870	1/2 - 1 Mile North
AH179	ILSG40000037554	1/2 - 1 Mile ENE
AI180	ILSG40000056852	1/2 - 1 Mile WNW
AH181	ILSG40000059393	1/2 - 1 Mile ENE
AG182	ILSG40000059055	1/2 - 1 Mile SSE
AG183	ILSG40000059056	1/2 - 1 Mile SSE
AI184	ILSG40000056854	1/2 - 1 Mile WNW
AE185	ILSG40000036038	1/2 - 1 Mile SSW
AE186	ILSG40000046031	1/2 - 1 Mile SSW
AF187	ILSG40000053397	1/2 - 1 Mile North
AH188	ILSG40000059391	1/2 - 1 Mile ENE
AG189	ILSG40000059057	1/2 - 1 Mile SSE
AI190	ILSG40000056856	1/2 - 1 Mile WNW
191	ILSG40000038425	1/2 - 1 Mile South
AJ192	ILSG40000037582	1/2 - 1 Mile ESE
AI193	ILSG40000056858	1/2 - 1 Mile WNW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
AI194	ILSG40000056851	1/2 - 1 Mile WNW
AJ195	ILSG40000054641	1/2 - 1 Mile ESE
AK196	ILSG40000054642	1/2 - 1 Mile ESE
AH198	ILSG40000037555	1/2 - 1 Mile ENE
AI199	ILSG40000056853	1/2 - 1 Mile WNW
200	ILSG40000049632	1/2 - 1 Mile WNW
AJ201	ILSG40000054640	1/2 - 1 Mile ESE
AI202	ILSG40000058341	1/2 - 1 Mile WNW
AI203	ILSG40000056855	1/2 - 1 Mile WNW
AI204	ILSG40000056857	1/2 - 1 Mile WNW
AK205	ILSG40000054639	1/2 - 1 Mile ESE
206	ILSG40000037581	1/2 - 1 Mile SE
AJ207	ILSG40000054638	1/2 - 1 Mile ESE
AH208	ILSG40000057259	1/2 - 1 Mile ENE
209	ILSG40000040980	1/2 - 1 Mile NNE
AL210	ILSG40000059392	1/2 - 1 Mile ENE
AM211	ILSG40000060466	1/2 - 1 Mile SE
AM212	ILSG40000060464	1/2 - 1 Mile SE
AM213	ILSG40000060465	1/2 - 1 Mile SE
AL214	ILSG40000037556	1/2 - 1 Mile ENE
216	ILSG40000037579	1/2 - 1 Mile South
217	ILSG40000037551	1/2 - 1 Mile East
218	ILSG40000040978	1/2 - 1 Mile North
AL219	ILSG40000057316	1/2 - 1 Mile ENE
AN220	ILPW7103	1/2 - 1 Mile SE
AN221	ILPW7097	1/2 - 1 Mile SE
AN222	ILPW7102	1/2 - 1 Mile SE
AN223	ILPW7101	1/2 - 1 Mile SE
AN224	ILPW7104	1/2 - 1 Mile SE
AN225	ILPW7099	1/2 - 1 Mile SE
AN226	ILPW7100	1/2 - 1 Mile SE
AN227	ILPW7098	1/2 - 1 Mile SE
AO228	ILSG40000065044	1/2 - 1 Mile East
AO229	ILSG40000065046	1/2 - 1 Mile East
AO230	ILSG40000065048	1/2 - 1 Mile East
AO231	ILSG40000065050	1/2 - 1 Mile East
232	ILSG40000037557	1/2 - 1 Mile ENE
AO233	ILSG40000065047	1/2 - 1 Mile East
AO234	ILSG40000065045	1/2 - 1 Mile East
AO235	ILSG40000065049	1/2 - 1 Mile East
AO236	ILSG40000065051	1/2 - 1 Mile East

PHYSICAL SETTING SOURCE MAP - 8220050.2s



- County Boundary
- Major Roads
- Contour Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

0 1/4 1/2 1 Miles

- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location
- HD Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME:	UIC Drug Discovery Center	CLIENT:	GSG Consultants, Inc
ADDRESS:	833 S. Wood Street Chicago IL 60612	CONTACT:	Michael Nuccio
LAT/LONG:	41.871285 / 87.669969	INQUIRY #:	8220050.2s
		DATE:	January 12, 2026 10:40 am

Copyright © 2026 EDR, Inc. © 2015 TomTom Rel. 2015.

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
A1 **SW** **0 - 1/8 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000065037**
A2 **WSW** **0 - 1/8 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000065034**
A3 **SW** **0 - 1/8 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000065036**
A4 **SSW** **0 - 1/8 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000065038**
A5 **WSW** **0 - 1/8 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000065035**
A6 **SW** **0 - 1/8 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000065039**
A7 **SW** **0 - 1/8 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000065040**
A8 **South** **0 - 1/8 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000050341**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
A9 **SSW** **0 - 1/8 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000065043**
A10 **SW** **0 - 1/8 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000065041**
A11 **South** **0 - 1/8 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000050329**
A12 **SSW** **0 - 1/8 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000050328**
B13 **South** **0 - 1/8 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000050330**
A14 **SSW** **0 - 1/8 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000065042**
A15 **SSW** **0 - 1/8 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000050337**
B16 **SSE** **0 - 1/8 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000050331**
A17 **SSW** **0 - 1/8 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000050327**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
B18 **South** **0 - 1/8 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000050344**
B19 **South** **0 - 1/8 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000050345**
B20 **South** **0 - 1/8 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000050332**
B21 **South** **0 - 1/8 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000050343**
A22 **SSW** **0 - 1/8 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000050336**
B23 **SSW** **0 - 1/8 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000050325**
B24 **South** **0 - 1/8 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000050340**
B25 **SSE** **0 - 1/8 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000050324**
A26 **SW** **0 - 1/8 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000059728**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
C27 **SW** **0 - 1/8 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000050322**
C28 **SSW** **0 - 1/8 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000050334**
D29 **NW** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000059737**
C30 **SW** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000059727**
C31 **SSW** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000050335**
B32 **South** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000050333**
33 **North** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000054325**
B34 **South** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000050323**
C35 **SW** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000059729**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
B36 **South** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000050342**
D37 **WNW** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000059741**
B38 **SSW** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000050339**
D39 **NNW** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000054324**
E40 **West** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000060078**
C41 **SSW** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000050338**
E42 **West** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000059739**
C43 **SSW** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000050326**
D44 **NW** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000059738**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
C45 **SW** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000061000**
D46 **WNW** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000059740**
E47 **West** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000060077**
D48 **WNW** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000059733**
D49 **WNW** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000059732**
D50 **NW** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000059730**
C51 **SW** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000060999**
E52 **West** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000060075**
D53 **NW** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000059731**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
E54 **West** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000060076**
E55 **West** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000060074**
D56 **NW** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000059736**
F57 **WNW** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000059743**
F58 **NW** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000059742**
59 **NW** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000059734**
60 **West** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000065053**
E61 **West** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000060425**
E62 **West** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000065052**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
F63 **WNW** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000060426**
G64 **West** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000060428**
F65 **NW** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000059735**
G66 **West** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000060424**
H67 **NNE** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000059745**
H68 **NNE** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000059726**
G69 **WNW** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000060427**
H70 **NNE** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000059725**
H71 **NNE** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000059746**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
72 **SSW** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000061989**
I73 **North** **1/4 - 1/2 Mile** **Lower**	Click here for full text details	**IL WELLS**	**ILSG40000058125**
J74 **NNW** **1/4 - 1/2 Mile** **Lower**	Click here for full text details	**IL WELLS**	**ILSG40000060996**
J75 **NNW** **1/4 - 1/2 Mile** **Lower**	Click here for full text details	**IL WELLS**	**ILSG40000058351**
J76 **NNW** **1/4 - 1/2 Mile** **Lower**	Click here for full text details	**IL WELLS**	**ILSG40000060997**
J77 **NNW** **1/4 - 1/2 Mile** **Lower**	Click here for full text details	**IL WELLS**	**ILSG40000060995**
J78 **NNW** **1/4 - 1/2 Mile** **Lower**	Click here for full text details	**IL WELLS**	**ILSG40000060998**
J79 **NNW** **1/4 - 1/2 Mile** **Lower**	Click here for full text details	**IL WELLS**	**ILSG40000058350**
J80 **NNW** **1/4 - 1/2 Mile** **Lower**	Click here for full text details	**IL WELLS**	**ILSG40000058348**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
I81 **North** **1/4 - 1/2 Mile** **Lower**	Click here for full text details	**IL WELLS**	**ILSG40000058124**
K82 **NNE** **1/4 - 1/2 Mile** **Lower**	Click here for full text details	**IL WELLS**	**ILSG40000058352**
83 **North** **1/4 - 1/2 Mile** **Lower**	Click here for full text details	**IL WELLS**	**ILSG40000060803**
84 **NNW** **1/4 - 1/2 Mile** **Lower**	Click here for full text details	**IL WELLS**	**ILSG40000058349**
K85 **NNE** **1/4 - 1/2 Mile** **Lower**	Click here for full text details	**IL WELLS**	**ILSG40000058353**
L86 **NE** **1/4 - 1/2 Mile** **Lower**	Click here for full text details	**IL WELLS**	**ILSG40000059395**
L87 **NE** **1/4 - 1/2 Mile** **Lower**	Click here for full text details	**IL WELLS**	**ILSG40000059394**
M88 **NNE** **1/4 - 1/2 Mile** **Lower**	Click here for full text details	**AQUIFLOW**	**62961**
M89 **NNE** **1/4 - 1/2 Mile** **Lower**	Click here for full text details	**IL WELLS**	**ILSG40000059063**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
M90 **NNE** **1/4 - 1/2 Mile** **Lower**	Click here for full text details	**IL WELLS**	**ILSG40000059062**
M91 **NNE** **1/4 - 1/2 Mile** **Lower**	Click here for full text details	**IL WELLS**	**ILSG40000059064**
M92 **NNE** **1/4 - 1/2 Mile** **Lower**	Click here for full text details	**IL WELLS**	**ILSG40000037577**
M93 **NNE** **1/4 - 1/2 Mile** **Lower**	Click here for full text details	**IL WELLS**	**ILSG40000037576**
N94 **NW** **1/4 - 1/2 Mile** **Lower**	Click here for full text details	**IL WELLS**	**ILSG40000058347**
N95 **NW** **1/4 - 1/2 Mile** **Lower**	Click here for full text details	**IL WELLS**	**ILSG40000058346**
96 **NE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**IL WELLS**	**ILSG40000037574**
O97 **East** **1/2 - 1 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000060757**
P98 **NE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**IL WELLS**	**ILSG40000059857**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
Q99 **ESE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000060758**
P100 **NE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**IL WELLS**	**ILSG40000059856**
101 **NE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**IL WELLS**	**ILSG40000037575**
O102 **East** **1/2 - 1 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000060763**
P103 **NNE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000059956**
Q104 **ESE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000060762**
Q105 **East** **1/2 - 1 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000060760**
R106 **NNE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000059044**
Q107 **East** **1/2 - 1 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000060755**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
O108 **East** **1/2 - 1 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000060764**
Q109 **ESE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000060754**
110 **NNE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000059957**
Q111 **East** **1/2 - 1 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000060761**
R112 **NNE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000059045**
113 **East** **1/2 - 1 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000060756**
R114 **NNE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000059046**
S115 **ESE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000060759**
S116 **ESE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000062007**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
R117 **NNE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000059033**
R118 **NNE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000059034**
T119 **NNE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000059954**
T120 **NNE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000059958**
T121 **NNE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000059955**
U122 **WNW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**IL WELLS**	**ILSG40000058344**
U123 **WNW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**IL WELLS**	**ILSG40000058345**
T124 **NNE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000059959**
V125 **ENE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**IL WELLS**	**ILSG40000060795**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
W126 **South** **1/2 - 1 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000060398**
V127 **NE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**IL WELLS**	**ILSG40000060792**
V128 **ENE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**IL WELLS**	**ILSG40000060793**
W129 **SSE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000060397**
V130 **ENE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**IL WELLS**	**ILSG40000060794**
X131 **North** **1/2 - 1 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000060127**
Y132 **SE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000053152**
Y133 **SE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000053153**
Z134 **NNW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000060125**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
Y135 **SE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000053158**
Y136 **SE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000053154**
V137 **ENE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**IL WELLS**	**ILSG40000037573**
Y138 **SE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000053159**
Y139 **SE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000053157**
Y140 **SE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000053155**
141 **ENE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**IL WELLS**	**ILSG40000037552**
X142 **NNW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000060126**
Y143 **SE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000053160**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
Y144 **SE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000053156**
AA145 **ENE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**IL WELLS**	**ILPW7087**
AA146 **ENE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**IL WELLS**	**ILPW7090**
AA147 **ENE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**IL WELLS**	**ILPW7089**
AA148 **ENE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**IL WELLS**	**ILPW7088**
X149 **North** **1/2 - 1 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000060123**
Y150 **SE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000053161**
Z151 **NNW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000060124**
AB152 **WNW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**IL WELLS**	**ILSG40000058342**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
AB153 **WNW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**IL WELLS**	**ILSG40000058343**
AA154 **ENE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**IL WELLS**	**ILSG40000060462**
AC155 **NE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000060235**
AC156 **NNE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000061742**
AD157 **NNE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000061741**
AD158 **NNE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000061740**
AC159 **NE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000060232**
AA160 **ENE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**IL WELLS**	**ILSG40000060463**
AA161 **ENE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**IL WELLS**	**ILSG40000037553**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
AC162 **NE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000060234**
AA163 **ENE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**IL WELLS**	**ILSG40000060461**
AC164 **NE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000060233**
AA165 **ENE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**IL WELLS**	**ILSG40000057271**
AE166 **SSW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILPW7093**
AE167 **SSW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILPW7094**
AE168 **SSW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILPW7095**
AE169 **SSW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILPW7096**
170 **West** **1/2 - 1 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000049633**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
AF171 **North** **1/2 - 1 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000053396**
AG172 **SSE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000059053**
AF173 **North** **1/2 - 1 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000060871**
174 **WSW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000049634**
AG175 **SSE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000059058**
AG176 **SSE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000059054**
AF177 **North** **1/2 - 1 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000053395**
AF178 **North** **1/2 - 1 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000060870**
AH179 **ENE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**IL WELLS**	**ILSG40000037554**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
AI180 **WNW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**IL WELLS**	**ILSG40000056852**
AH181 **ENE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**IL WELLS**	**ILSG40000059393**
AG182 **SSE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000059055**
AG183 **SSE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000059056**
AI184 **WNW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**IL WELLS**	**ILSG40000056854**
AE185 **SSW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000036038**
AE186 **SSW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000046031**
AF187 **North** **1/2 - 1 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000053397**
AH188 **ENE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**IL WELLS**	**ILSG40000059391**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
AG189 **SSE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000059057**
AI190 **WNW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**IL WELLS**	**ILSG40000056856**
191 **South** **1/2 - 1 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000038425**
AJ192 **ESE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000037582**
AI193 **WNW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**IL WELLS**	**ILSG40000056858**
AI194 **WNW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**IL WELLS**	**ILSG40000056851**
AJ195 **ESE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000054641**
AK196 **ESE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000054642**
197 **South** **1/2 - 1 Mile** **Higher**	Click here for full text details	**AQUIFLOW**	**27184**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
AH198 **ENE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**IL WELLS**	**ILSG40000037555**
AI199 **WNW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**IL WELLS**	**ILSG40000056853**
200 **WNW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**IL WELLS**	**ILSG40000049632**
AJ201 **ESE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000054640**
AI202 **WNW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**IL WELLS**	**ILSG40000058341**
AI203 **WNW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**IL WELLS**	**ILSG40000056855**
AI204 **WNW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**IL WELLS**	**ILSG40000056857**
AK205 **ESE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000054639**
206 **SE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000037581**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
AJ207 **ESE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000054638**
AH208 **ENE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**IL WELLS**	**ILSG40000057259**
209 **NNE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000040980**
AL210 **ENE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**IL WELLS**	**ILSG40000059392**
AM211 **SE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000060466**
AM212 **SE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000060464**
AM213 **SE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000060465**
AL214 **ENE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**IL WELLS**	**ILSG40000037556**
215 **NE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**AQUIFLOW**	**61872**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
216 **South** **1/2 - 1 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000037579**
217 **East** **1/2 - 1 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000037551**
218 **North** **1/2 - 1 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000040978**
AL219 **ENE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**IL WELLS**	**ILSG40000057316**
AN220 **SE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILPW7103**
AN221 **SE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILPW7097**
AN222 **SE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILPW7102**
AN223 **SE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILPW7101**
AN224 **SE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILPW7104**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
AN225 **SE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILPW7099**
AN226 **SE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILPW7100**
AN227 **SE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILPW7098**
AO228 **East** **1/2 - 1 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000065044**
AO229 **East** **1/2 - 1 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000065046**
AO230 **East** **1/2 - 1 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000065048**
AO231 **East** **1/2 - 1 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000065050**
232 **ENE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**IL WELLS**	**ILSG40000037557**
AO233 **East** **1/2 - 1 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000065047**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
AO234 **East** **1/2 - 1 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000065045**
AO235 **East** **1/2 - 1 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000065049**
AO236 **East** **1/2 - 1 Mile** **Higher**	Click here for full text details	**IL WELLS**	**ILSG40000065051**
1G **NE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**AQUIFLOW**	**61872**
2G **NNE** **1/4 - 1/2 Mile** **Lower**	Click here for full text details	**AQUIFLOW**	**62961**
3G **South** **1/2 - 1 Mile** **Lower**	Click here for full text details	**AQUIFLOW**	**27184**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for COOK County: 2

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for COOK COUNTY, IL

Number of sites tested: 82

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	1.273 pCi/L	96%	4%	0%
Living Area - 2nd Floor	0.900 pCi/L	100%	0%	0%
Basement	1.740 pCi/L	93%	7%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Illinois State Geological Survey
Telephone: 217-333-4747

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

OTHER STATE DATABASE INFORMATION

Oil and Gas Wells Listing
Source: Illinois State Geological Survey
Telephone: 217-333-5109
Oil and gas wells location points from the Illinois State Geological Survey database.

Water Well Records
Source: Illinois Geological Survey
Telephone: 217-333-4747

Illinois Private Well Database and PICS (Public, Industrial, Commercial Survey)
Source: Illinois State Water Survey
Telephone: 217-333-9043

Water Well Location Information
Source: Illinois Environmental Protection Agency
Telephone: 217-782-0810

RADON

State Database: IL Radon
Source: Department of Nuclear Safety
Telephone: 217-785-9958
County Radon Results

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

STREET AND ADDRESS INFORMATION

© 2015 TomTom North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

UIC Drug Discovery Center
833 S. Wood Street
Chicago, IL 60612

Inquiry Number: 8220050.2s
January 20, 2026

EDR Vapor Encroachment Screen

Prepared using EDR's Vapor Encroachment Worksheet

EDR® Environmental Data Resources Inc

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION	PAGE
Executive Summary	**ES1**
Primary Map	**2**
Secondary Map	**3**
Map Findings	**4**
Record Sources and Currency	**GR-1**

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

Disclaimer - Copyright and Trademark Notice

The EDR Vapor Encroachment Worksheet enables EDR's customers to make certain online modifications that effects maps, text and calculations contained in this Report. As a result, maps, text and calculations contained in this Report may have been so modified. EDR has not taken any action to verify any such modifications, and this report and the findings set forth herein must be read in light of this fact. Environmental Data Resources shall not be responsible for any customer's decision to include or not include in any final report any records determined to be within the relevant minimum search distances.

This report contains information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANYSUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OR DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES.ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this report "AS IS". Any analyses, estimates, ratings, or risk codes provided in this report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can produce information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2026 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

EXECUTIVE SUMMARY

A search of available environmental records was conducted by EDR. The report was designed to assist parties seeking to meet the search requirements of the ASTM Standard Practice for Assessment of Vapor Encroachment into Structures on Property Involved in Real Estate Transactions (E 2600).

STANDARD ENVIRONMENTAL RECORDS	Default Area of Concern (Miles)*	property	1/10	> 1/10
Lists of Federal NPL (Superfund) sites	1.0	0	0	0
Lists of Federal Delisted NPL sites	1.0	0	0	0
Lists of Federal sites subject to CERCLA removals and CERCLA orders	0.5	0	0	0
Lists of Federal CERCLA sites with NFRAP	0.5	0	0	1
Lists of Federal RCRA facilities undergoing Corrective Action	1.0	0	0	0
Lists of Federal RCRA TSD facilities	0.5	0	0	0
Lists of Federal RCRA generators	0.25	0	0	2
Federal institutional controls / engineering controls registries	0.5	0	0	0
Federal ERNS list	property	0	-	-
Lists of state- and tribal (Superfund) equivalent sites	not searched	-	-	-
Lists of state- and tribal hazardous waste facilities	1.0	0	0	0
Lists of state and tribal landfills and solid waste disposal facilities	0.5	0	0	0
Lists of state and tribal leaking storage tanks	0.5	0	1	7
Lists of state and tribal registered storage tanks	0.25	1	0	0
State and tribal institutional control / engineering control registries	0.5	0	0	1
Lists of state and tribal voluntary cleanup sites	0.5	0	0	2
Lists of state and tribal brownfield sites	0.5	0	0	0

ADDITIONAL ENVIRONMENTAL RECORDS				
Local Brownfield lists	0.5	0	0	0
Local Lists of Landfill / Solid Waste Disposal Sites	0.5	0	0	0
Local Lists of Hazardous waste / Contaminated Sites	property	0	-	-
Local Lists of Registered Storage Tanks	0.25	1	6	4
Local Land Records	property	0	-	-
Records of Emergency Release Reports	property	2	-	-
Other Ascertainable Records	1.0	5	28	11

EDR HIGH RISK HISTORICAL RECORDS				
EDR Exclusive Records	1.0	0	11	1
Exclusive Recovered Govt. Archives	property	0	-	-

EXECUTIVE SUMMARY

EDR RECOVERED GOVERNMENT ARCHIVES

EDR Exclusive Records	1.0	0	11	1
Exclusive Recovered Govt. Archives	property	0	-	-

*The Default Area of Concern may be adjusted by the environmental professional using experience and professional judgement. Each category may include several databases, and each database may have a different distance. A list of individual databases is provided at the back of this report.

EXECUTIVE SUMMARY

TARGET PROPERTY INFORMATION

ADDRESS

UIC DRUG DISCOVERY CENTER
833 S. WOOD STREET
CHICAGO, IL 60612

COORDINATES

Latitude (North):	41.871285 - 41° 52′ 16.624146″
Longitude (West):	87.669969 - 87° 40′ 11.883545″
Elevation:	593 ft. above sea level

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records.

Site	Database(s)
UIC COLLEGE OF PHARMACY 833 833 S. WOOD ST. (M/C 874) CHICAGO, IL 60612	E MANIFEST
COLLEGE OF PHARMACY UIC BLDG 924 833 S WOOD ST CHICAGO, IL	CHICAGO INSPECT ASBESTOS
COLLEGE OF PHARMACY 4TH FLOOR 833 S WOOD CHICAGO, IL 60612	ASBESTOS
833 S. WOODS ST. 833 S. WOODS ST. CHICAGO, IL	SPILLS
833 S WOODS ST 833 S WOODS ST CHICAGO, IL	SPILLS Incident ID: 19903189
COLLEGE OF PHARMACY 4TH FLOOR 833 S WOOD CHICAGO, IL 60612	FINDS Registry ID:: 110037152354
UIC/LAUNDRY BUILDING 931 S HERMITAGE CHICAGO, IL	TANKS
931 S HERMITAGE AVE 931 S HERMITAGE AVE CHICAGO, IL	PERMITS CHICAGO INSPECT
LAUNDRY BUILDING 931 S HERMITAGE AVE CHICAGO, IL 60612	UST Facility Id: 2040216 Status: EXEMPT Tank Status: Removed

EXECUTIVE SUMMARY

SEARCH RESULTS

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Name	Address	Dist/Dir	Map ID	Page
LAUNDRY BUILDING UST: UST	931 S HERMITAGE AVE	Property	▲ B9	42
UNIVERSITY OF IL @ CHICAGO LUST: LUST	1717 WEST TAYLOR	<1/10 S	▲ D45	197
UNIV OF IL CHICAGO ENV SAFETY E MANIFEST: E MANIFEST SEMS-ARCHIVE: SEMS-ARCHIVE RCRA-LQG: RCRA-LQG	1110 S. PAULINA	1/10 - 1/3 S	▲ J59	231
OK CLEANERS FINDS: FINDS RCRA-SQG: RCRA-SQG ECHO: ECHO DRYCLEANERS: DRYCLEANERS SRP: SRP INST CONTROL: Inst Control	1528 W TAYLOR	1/10 - 1/3 ESE	▲ X65	298
LAUGHILL CONSTRUCTION SPILLS: SPILLS LUST: LUST	ROOSEVELT & ASHLAND	1/10 - 1/3 SSE	▲ AD67	304
MILE SQUARE HEALTH CENTER SRP: SRP	1220 SOUTH WOOD STREET	1/10 - 1/3 SSW	▲ 69	306
IL MEDICAL DIST. LUST: LUST	S.W. CORNER ASHLAND & WASHBURNE AVE.	1/10 - 1/3 SSE	▲ AB70	306
IL MEDICAL DIST. LUST: LUST	N.W. CORNER ASHLAND & WASHBURNE AVE.	1/10 - 1/3 SSE	▲ AB71	307
IL MEDICAL DIST. LUST: LUST	S.E. CORNER PAULINA ST. & ROOSEVELT RD.	1/10 - 1/3 SSE	▲ AB72	308
IL MEDICAL DIST. LUST: LUST	N.E. CORNER PAULINA ST. & WASHBURNE AVE.	1/10 - 1/3 SSE	▲ AB73	308
FORMER SHELL SERVICE STATION #136931 LUST: LUST	1549 WEST ROOSEVELT RD.	1/10 - 1/3 SSE	▲ AD75	310
RAPATAS, PETER LUST: LUST	1225 SOUTH ASHLAND AVE.	1/10 - 1/3 SSE	▲ AD77	312

EXECUTIVE SUMMARY

ADDITIONAL ENVIRONMENTAL RECORDS

Name	Address	Dist/Dir	Map ID	Page
UIC COLLEGE OF PHARMACY E MANIFEST: E MANIFEST	833 833 S. WOOD ST. (M/C 874)	Property	▲ A1	13
COLLEGE OF PHARMACY UIC BLDG 924 CHICAGO INSPECT: CHICAGO INSPECT ASBESTOS: ASBESTOS	833 S WOOD ST	Property	▲ A2	23
COLLEGE OF PHARMACY 4TH FLOOR ASBESTOS: ASBESTOS	833 S WOOD	Property	▲ A3	36
833 S. WOODS ST. SPILLS: SPILLS	833 S. WOODS ST.	Property	▲ A4	38
833 S WOODS ST SPILLS: SPILLS	833 S WOODS ST	Property	▲ A5	40
COLLEGE OF PHARMACY 4TH FLOOR FINDS: FINDS	833 S WOOD	Property	▲ A6	40
UIC/LAUNDRY BUILDING TANKS: CHICAGO TANKS	931 S HERMITAGE	Property	▲ B7	41
931 S HERMITAGE AVE PERMITS: CHICAGO PERMITS CHICAGO INSPECT: CHICAGO INSPECT	931 S HERMITAGE AVE	Property	▲ B8	42
UNIV OF IL CHICAGO ENV SAFETY E MANIFEST: E MANIFEST	912 S PAULINA STREET	<1/10 SSE	▲ B13	44
U OF IL - HOSP & HELTH SCIENCES E MANIFEST: E MANIFEST	912 S PAULINA STREET	<1/10 SSE	▲ B15	47
UNIV OF IL-HOSP & HLTH SCIENCES E MANIFEST: E MANIFEST	912 S PAULINA STREET	<1/10 SSE	▲ B16	49
RXW/U OF IL-HOSP & HLTH SCIE E MANIFEST: E MANIFEST	912 S PAULINA STREET,	<1/10 SSE	▲ B17	51
UNIVERSITY OF ILLINOIS HOSPITAL E MANIFEST: E MANIFEST	912 S PAULINA ST	<1/10 SSE	▲ B18	62
RXW/U OF IL HOSP & HLTH SCIE E MANIFEST: E MANIFEST	912 S PAULINA ST	<1/10 SSE	▲ B19	64
U OF IL-HOSP & HLTH SCIENCES E MANIFEST: E MANIFEST	912 S PAULINA STREET,	<1/10 SSE	▲ B20	74

EXECUTIVE SUMMARY

Name	Address	Dist/Dir	Map ID	Page
U OF IL-HOSP & HLTH SCIENCES E MANIFEST: E MANIFEST	912 S PAULINA STREET	<1/10 SSE	▲ B21	85
UNIV OF IL CHICAGO ENV SAFETY E MANIFEST: E MANIFEST	912 S PAULINA ST	<1/10 SSE	▲ B22	96
U OF IL-HOSP & WITH SCIENCES E MANIFEST: E MANIFEST	912 S PAULINA STREET	<1/10 SSE	▲ B23	99
UNIV OF IL HOSPITAL AND HEALTH SCIENCE SYSTEM PATHOLOGY DEPA E MANIFEST: E MANIFEST	912 S PAULINA ST	<1/10 SSE	▲ B24	101
UNIVERSITY OF ILLINOIS HOSPITAL AND HEALTH SCIENCE SYSTEM E MANIFEST: E MANIFEST	912 S PAULINA ST	<1/10 SSE	▲ B25	103
U OF IL-HOSP & HLTH-PATHOLOGY E MANIFEST: E MANIFEST	1740 W TAYLOR ST ROOM 3134 (M/C750)	<1/10 SSW	▲ C27	105
UNIVERSITY OF ILLINOIS HOPSITAL & HEALTH SCIENCE SYSTEM PATH E MANIFEST: E MANIFEST	1740 W TAYLOR STREET ROOM 3134	<1/10 SSW	▲ C28	115
U OF IL HOSP & HLTH PATHOLOGY E MANIFEST: E MANIFEST	1740 W TAYLOR ST, RM MC750	<1/10 SSW	▲ C29	126
U OF IL HOSP & HLTH PATHOLOGY E MANIFEST: E MANIFEST	1110 1740 W TAYLOR ST, RM MC750	<1/10 SSW	▲ C30	136
U OF IL HOSP & HITH-PATHOLOGY E MANIFEST: E MANIFEST	1740 W TAYLOR ST ROOM 3134 (M/C750)	<1/10 SSW	▲ C31	148
U OF IL HOSP & HLTH PATHOLOGY E MANIFEST: E MANIFEST	1110 1740 W TAYLOR ST RM MC750	<1/10 SSW	▲ C32	150
U OF IL-HOSP & HLTH-PATHOLOGY E MANIFEST: E MANIFEST	1740 W TAYLOR ST, RM MC750	<1/10 SSW	▲ C33	161
REPPLE ARCH METAL INC. TANKS: CHICAGO TANKS	933 S PAULINA ST	<1/10 SSE	▲ E35	172
WESTMINSTER FOUNDATION CHICAGO INSPECT: CHICAGO INSPECT TANKS: CHICAGO TANKS	729 S PAULINA ST	<1/10 NE	▲ 37	173

EXECUTIVE SUMMARY

Name	Address	Dist/Dir	Map ID	Page
RXW/UI HEALTH SPECIALTY CARE B E MANIFEST: E MANIFEST	1009 S WOOD ST	<1/10 SSW	▲ C40	175
WEST CAMPUS CO GENERATION FACILITY UST FINDER: UST FINDER	1717 WEST TAYLOR STREET	<1/10 S	▲ D41	186
UIC COGENERATION FACILITY PERMITS: CHICAGO PERMITS TANKS: CHICAGO TANKS	1717 W TAYLOR ST	<1/10 S	▲ D42	187
UNIVSITY ILLINOIS OF CHGO E MANIFEST: E MANIFEST	1717 W TAYLOR ST	<1/10 S	▲ D43	190
UNIVERSITY OF ILLINOIS AT CHICAGO TANKS: CHICAGO TANKS	1717 W TAYLOR ST	<1/10 S	▲ D44	196
METRO TANK VIC E MANIFEST: E MANIFEST	1717 TAYLOR	<1/10 S	▲ D46	198
UNIVERSITY OF ILLINOIS CHICAGO E MANIFEST: E MANIFEST	1717 W TAYLOR ST	<1/10 S	▲ D47	200
1717 WEST TAYLOR STREET MANIFEST: MI MANIFEST MANIFEST: MI MANIFEST	1717 WEST TAYLOR STREET	<1/10 S	▲ D48	202
UNIVERSITY OF IL @ CHICAGO UST FINDER RELEASE: UST FINDER RELEASE	1717 WEST TAYLOR	<1/10 S	▲ D49	207
MEDICAL CENTER TANKS: CHICAGO TANKS	1717 W TAYLOR ST	<1/10 S	▲ D50	208
MEDICAL CENTRAL STEAM COMPANY TANKS: CHICAGO TANKS	1001 S HERMITAGE AVE	<1/10 S	▲ J53	209
UIC MOLECULAR BIOLOGY RESEARCH BLDG TANKS: CHICAGO TANKS	900 S ASHLAND AVE	1/10 - 1/3 ESE	▲ M55	210
MOLECULAR BIOLOGY RESEARCH BUILDING UST FINDER: UST FINDER	900 SOUTH ASHLAND AVENUE	1/10 - 1/3 ESE	▲ M56	210
RXW/U OF IL HOSP & HLTH SCIE E MANIFEST: E MANIFEST	1110 912 S PAULINA ST	1/10 - 1/3 S	▲ J57	211
UNIV OF IL CHICAGO ENV SAFETY E MANIFEST: E MANIFEST	1110 S PAULINA ST	1/10 - 1/3 S	▲ J58	222
UNIV OF IL CHICAGO ENV SAFETY	1110 S. PAULINA	1/10 - 1/3 S	▲ J59	231

EXECUTIVE SUMMARY

Name	Address	Dist/Dir	Map ID	Page
E MANIFEST: E MANIFEST SEMS-ARCHIVE: SEMS-ARCHIVE RCRA-LQG: RCRA-LQG				
UIC HEALTH & SAFETY SECTION MC 645 PFAS RCRA MANIFEST: PFAS RCRA MANIFEST	Not Reported	1/10 - 1/3 SSE	▲ 60	292
U & I CLEANERS AND TAILORS DRYCLEANERS: DRYCLEANERS	1657 W ROOSEVELT RD FL A8	1/10 - 1/3 S	▲ 61	293
VACANT PROPERTY TANKS: CHICAGO TANKS	1725 W ROOSEVELT RD	1/10 - 1/3 S	▲ V62	294
IRVING NUGER TANKS: CHICAGO TANKS	1731 W ROOSEVELT RD	1/10 - 1/3 S	▲ V63	294
OK CLEANERS E MANIFEST: E MANIFEST	1528 W TAYLOR ST	1/10 - 1/3 ESE	▲ X64	295
OK CLEANERS FINDS: FINDS RCRA-SQG: RCRA-SQG ECHO: ECHO DRYCLEANERS: DRYCLEANERS SRP: SRP INST CONTROL: Inst Control	1528 W TAYLOR	1/10 - 1/3 ESE	▲ X65	298
BALABAU & KATZ TANKS: CHICAGO TANKS	1641 W ROOSEVELT RD	1/10 - 1/3 SSE	▲ AB66	303
LAUGHILL CONSTRUCTION SPILLS: SPILLS LUST: LUST	ROOSEVELT & ASHLAND	1/10 - 1/3 SSE	▲ AD67	304
LAUGHILL CONSTRUCTION UST FINDER RELEASE: UST FINDER RELEASE	ROOSEVELT & ASHLAND	1/10 - 1/3 SSE	▲ AD68	305
FORMER SHELL SERVICE STATION #136931 UST FINDER RELEASE: UST FINDER RELEASE	1549 WEST ROOSEVELT RD.	1/10 - 1/3 SSE	▲ AD74	309
RAPATAS, PETER UST FINDER RELEASE: UST FINDER RELEASE	1225 SOUTH ASHLAND AVE.	1/10 - 1/3 SSE	▲ AD76	311

EDR HIGH RISK HISTORICAL RECORDS

Name	Address	Dist/Dir	Map ID	Page
DELAURENTIS TONY EDR Hist Auto: EDR Hist Auto	813 S PAULINA	<1/10 ESE	▲ A10	43
WAH KEE EDR Hist Cleaner: EDR Hist Cleaner	1708 POLK	<1/10 NNE	▲ A11	44

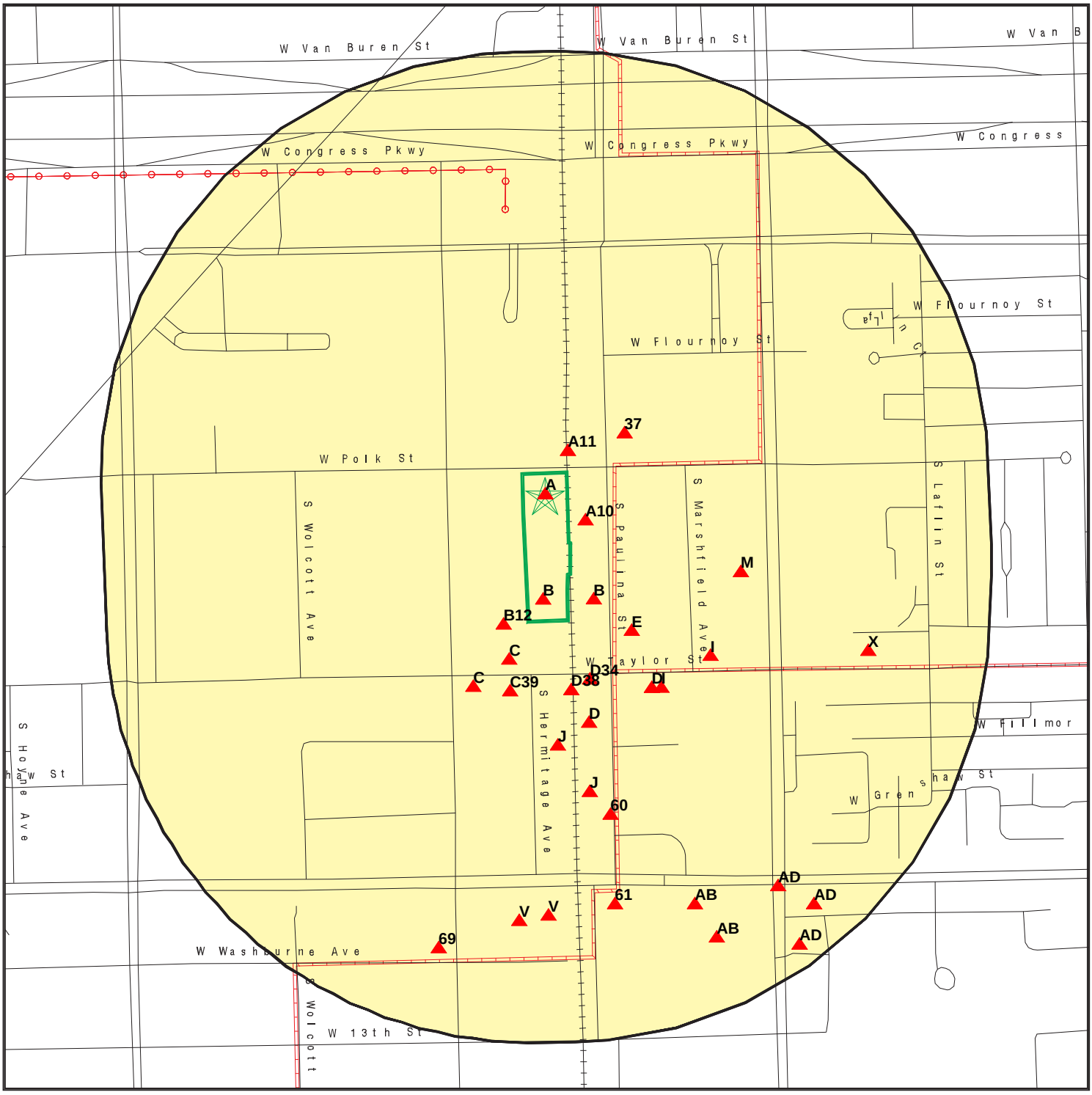
EXECUTIVE SUMMARY

Name	Address	Dist/Dir	Map ID	Page
KAPLAN JACOB EDR Hist Cleaner: EDR Hist Cleaner	934 S WOOD	<1/10 SSW	▲ B12	44
MICHIGAN DYE HOUSE EDR Hist Cleaner: EDR Hist Cleaner	912 S PAULINA	<1/10 SSE	▲ B14	47
LEE CHONG EDR Hist Cleaner: EDR Hist Cleaner	1736 TAYLOR	<1/10 SSW	▲ C26	105
MANGOS HARRY EDR Hist Cleaner: EDR Hist Cleaner	1002 S PAULINA	<1/10 SSE	▲ D34	172
POPES GARAGE EDR Hist Auto: EDR Hist Auto	933 S PAULINA	<1/10 SSE	▲ E36	173
MOY SAM EDR Hist Cleaner: EDR Hist Cleaner	1721 TAYLOR	<1/10 S	▲ D38	175
TUCKER WM EDR Hist Auto: EDR Hist Auto	1749 TAYLOR	<1/10 S	▲ C39	175
WAH CHAS EDR Hist Cleaner: EDR Hist Cleaner	1643 TAYLOR	<1/10 SSE	▲ D51	208
PETRONE LUCIAN EDR Hist Cleaner: EDR Hist Cleaner	1611 TAYLOR	<1/10 SSE	▲ I52	209
LUCAS ISIDORE EDR Hist Cleaner: EDR Hist Cleaner	1624 TAYLOR	1/10 - 1/3 SE	▲ I54	210

EDR RECOVERED GOVERNMENT ARCHIVES

Name	Address	Dist/Dir	Map ID	Page
Not Reported				

PRIMARY MAP - 8220050.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

Power transmission lines

Pipelines

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

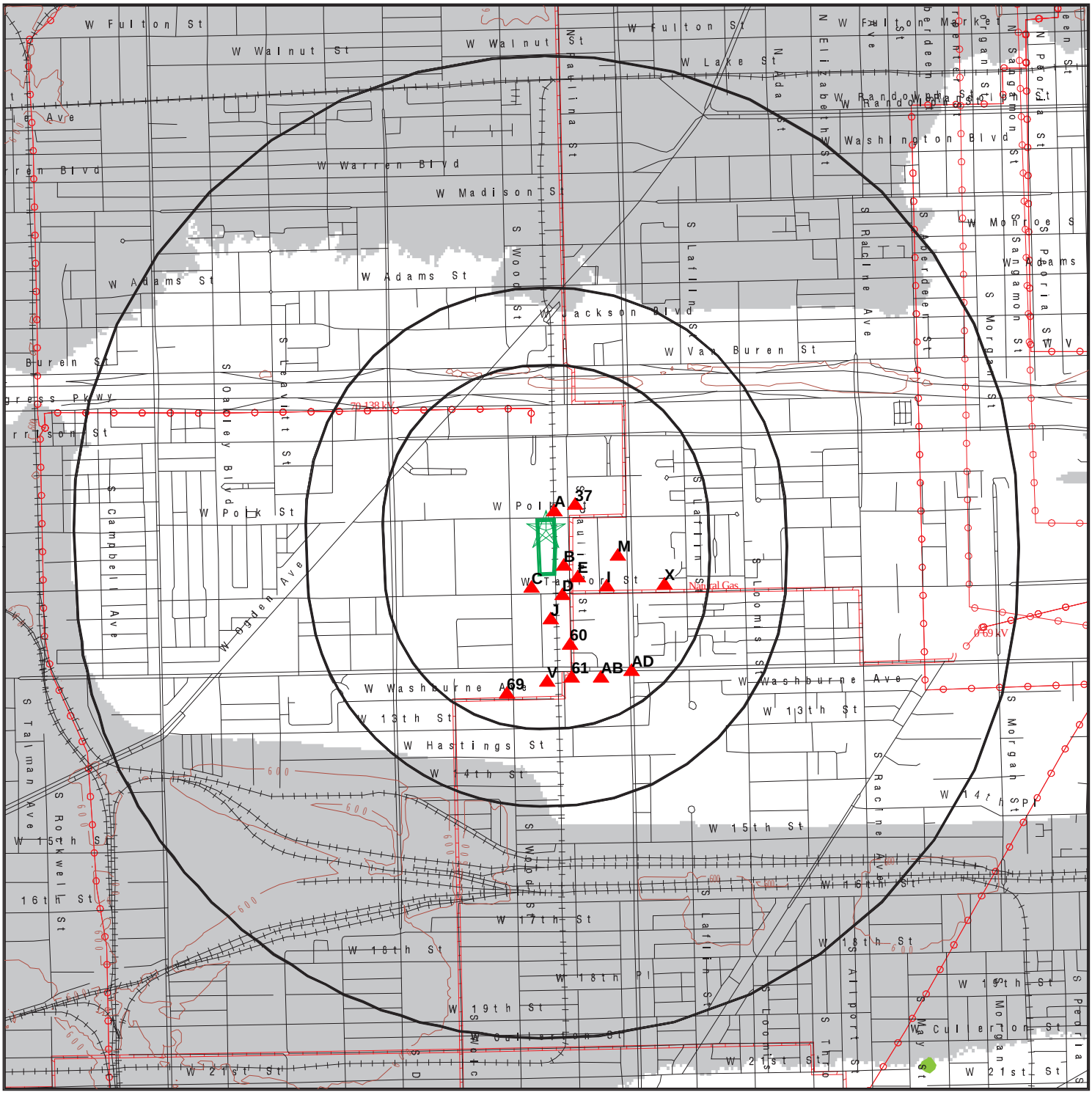
0 300 1/3 Miles

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: UIC Drug Discovery Center ADDRESS: 833 S. Wood Street Chicago IL 60612 LAT/LONG: 41.871285 / 87.669969	CLIENT: GSG Consultants, Inc CONTACT: Michael Nuccio INQUIRY #: 8220050.2s DATE: January 12, 2026 10:39 am

Copyright © 2026 EDR, Inc. © 2015 TomTom Rel. 2015.

SECONDARY MAP - 8220050.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

0 1/3 1/2 1 Miles

Indian Reservations BIA

Power transmission lines

Pipelines

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

National Wetland Inventory

State Wetlands

Upgradient Area

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: UIC Drug Discovery Center	CLIENT: GSG Consultants, Inc
ADDRESS: 833 S. Wood Street Chicago IL 60612	CONTACT: Michael Nuccio
LAT/LONG: 41.871285 / 87.669969	INQUIRY #: 8220050.2s DATE: January 12, 2026 10:38 am

Copyright © 2026 EDR, Inc. © 2015 TomTom Rel. 2015.

MAP FINDINGS

LEGEND

FACILITY NAME **FACILITY ADDRESS, CITY, ST, ZIP**		EDR SITE ID NUMBER
◆ **MAP ID#**	Direction Distance Range (Distance feet / miles) Relative Elevation Feet Above Sea Level	ASTM 2600 Record Sources found in this report. Each database searched has been assigned to one or more categories. For detailed information about categorization, see the section of the report Records Searched and Currency.

Worksheet:

Comments:
Comments may be added on the online Vapor Encroachment Worksheet.

DATABASE ACRONYM: Applicable categories (A hoverbox with database description).

UIC COLLEGE OF PHARMACY 833 833 S. WOOD ST. (M/C 874), CHICAGO, IL, 60612		1032352474
▲ A1	Target Property 593 ft. Above Sea Level	Other Ascertainable Records

Worksheet:

E MANIFEST: Other Ascertainable Records

Manifest Tracking Number:	019527103JJK
Last Updated Date:	20190909
Shipped Date:	20190815
Received Date:	20190815
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	Uic College Of Pharmacy
Generator Location Street Number:	833
Generator Location Street 1:	833 833 S. WOOD ST. (M/C 874)
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	833
Generator Mail Street 1:	833 S. Wood St. (M/C 874)
Generator Mail Street 2:	Not Reported
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	IND000646943
Designated Facility Name:	Tradebe Treatment & Recycling Llc

UIC COLLEGE OF PHARMACY, 833 833 S. WOOD ST. (M/C 874), CHICAGO, IL 60612 (Continued)

Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	4343 KENNEDY AVE
Designated Facility Mail City:	EAST CHICAGO
Designated Facility Mail Zip:	46312
Designated Facility Mail State:	IN
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	4343 KENNEDY AVE
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	EAST CHICAGO
Designated Facility Location Zip:	46312
Designated Facility Location State:	IN
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Transporter:

Manifest Tracking Number:	019527103JJK
Transporter Line Number:	1
Transporter EPA ID:	INR000123497
Transporter Name:	Tradebe Transportation Llc

Waste Line:

Manifest Tracking Number:	019527103JJK
Waste Line Number:	1
U.S. DOT Hazardous Indicator:	Y
U.S. DOT ID Number:	UN3286
U.S. DOT Description:	Un3286 Flammable Liquid, Toxic, Corrosive, N.O.S. (Perchloric Acid, Ceric Ammonium Nitrate) 3 (6.1, 8) Ii
Non-Hazardous Waste Description:	Not Reported
Number of Containers:	1
Container Type Code:	DF
Container Type Description:	Fiberboard or plastic drums, barrels, kegs
Waste Quantity:	10
Quantity Unit of Measure Code:	P
Quantity Unit of Measure Description:	Pounds
Waste Quantity, in Tons:	0.005
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.005
Waste Quantity, in Kilograms:	4.53515
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	4.53515
Management Method Code:	H141
Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N

UIC COLLEGE OF PHARMACY, 833 833 S. WOOD ST. (M/C 874), CHICAGO, IL 60612 (Continued)

Waste Density:	Not Reported
Waste Density Unit of Measure Code:	Not Reported
Waste Density Unit of Measure Description:	Not Reported
Form Code:	Not Reported
Form Code Description:	Not Reported
Source Code:	Not Reported
Source Code Description:	Not Reported
Waste Minimization Code:	Not Reported
Waste Minimization Code Description:	Not Reported
Consent Number:	Not Reported
EPA Waste Indicator:	Y
Federal Waste Codes:	D004
Quantity Haz Kg:	4.53515
Quantity Haz Tons:	0.005
Quantity Non Haz Kg:	0
Quantity Non Haz Tons:	0
State Waste Codes:	Not Reported
Manifest Tracking Number:	019527103JJK
Waste Line Number:	2
U.S. DOT Hazardous Indicator:	Y
U.S. DOT ID Number:	UN2810
U.S. DOT Description:	Un2810 Waste Toxic Liquid, Organic, N.O.S. (Tetrachloroethylenephenol) 6.1 Ii Rq
Non-Hazardous Waste Description:	Not Reported
Number of Containers:	1
Container Type Code:	DF
Container Type Description:	Fiberboard or plastic drums, barrels, kegs
Waste Quantity:	20
Quantity Unit of Measure Code:	P
Quantity Unit of Measure Description:	Pounds
Waste Quantity, in Tons:	0.01
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.01
Waste Quantity, in Kilograms:	9.0703
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	9.0703
Management Method Code:	H141
Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not Reported
Waste Density Unit of Measure Code:	Not Reported
Waste Density Unit of Measure Description:	Not Reported
Form Code:	Not Reported
Form Code Description:	Not Reported
Source Code:	Not Reported
Source Code Description:	Not Reported

UIC COLLEGE OF PHARMACY, 833 833 S. WOOD ST. (M/C 874), CHICAGO, IL 60612 (Continued)

Waste Minimization Code:	Not Reported
Waste Minimization Code Description:	Not Reported
Consent Number:	Not Reported
EPA Waste Indicator:	Y
Federal Waste Codes:	D001, D005, D011
Quantity Haz Kg:	9.0703
Quantity Haz Tons:	0.01
Quantity Non Haz Kg:	0
Quantity Non Haz Tons:	0
State Waste Codes:	Not Reported
Manifest Tracking Number:	019527103JJK
Waste Line Number:	3
U.S. DOT Hazardous Indicator:	Y
U.S. DOT ID Number:	UN2809
U.S. DOT Description:	Un2809 Waste Mercury 8 (6.1) Iii Rq(D009)
Non-Hazardous Waste Description:	Not Reported
Number of Containers:	1
Container Type Code:	DF
Container Type Description:	Fiberboard or plastic drums, barrels, kegs
Waste Quantity:	15
Quantity Unit of Measure Code:	P
Quantity Unit of Measure Description:	Pounds
Waste Quantity, in Tons:	0.0075
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.0075
Waste Quantity, in Kilograms:	6.802725
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	6.802725
Management Method Code:	H141
Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not Reported
Waste Density Unit of Measure Code:	Not Reported
Waste Density Unit of Measure Description:	Not Reported
Form Code:	Not Reported
Form Code Description:	Not Reported
Source Code:	Not Reported
Source Code Description:	Not Reported
Waste Minimization Code:	Not Reported
Waste Minimization Code Description:	Not Reported
Consent Number:	Not Reported
EPA Waste Indicator:	Y
Federal Waste Codes:	D009
Quantity Haz Kg:	6.802725
Quantity Haz Tons:	0.0075
Quantity Non Haz Kg:	0

UIC COLLEGE OF PHARMACY, 833 833 S. WOOD ST. (M/C 874), CHICAGO, IL 60612 (Continued)

Quantity Non Haz Tons:	0
State Waste Codes:	Not Reported
Manifest Tracking Number:	019527103JJK
Waste Line Number:	4
U.S. DOT Hazardous Indicator:	Y
U.S. DOT ID Number:	UN2025
U.S. DOT Description:	Un2025 Mercury Compound, Solid, N.O.S. 6.1 Ii
Non-Hazardous Waste Description:	Not Reported
Number of Containers:	1
Container Type Code:	DF
Container Type Description:	Fiberboard or plastic drums, barrels, kegs
Waste Quantity:	15
Quantity Unit of Measure Code:	P
Quantity Unit of Measure Description:	Pounds
Waste Quantity, in Tons:	0.0075
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.0075
Waste Quantity, in Kilograms:	6.802725
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	6.802725
Management Method Code:	H141
Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not Reported
Waste Density Unit of Measure Code:	Not Reported
Waste Density Unit of Measure Description:	Not Reported
Form Code:	Not Reported
Form Code Description:	Not Reported
Source Code:	Not Reported
Source Code Description:	Not Reported
Waste Minimization Code:	Not Reported
Waste Minimization Code Description:	Not Reported
Consent Number:	Not Reported
EPA Waste Indicator:	Y
Federal Waste Codes:	D009, D023
Quantity Haz Kg:	6.802725
Quantity Haz Tons:	0.0075
Quantity Non Haz Kg:	0
Quantity Non Haz Tons:	0
State Waste Codes:	Not Reported
Manifest Tracking Number:	019527103JJK
Waste Line Number:	5
U.S. DOT Hazardous Indicator:	Y
U.S. DOT ID Number:	UN3286
U.S. DOT Description:	Un3286 Flammable Liquid, Toxic, Corrosive, N.O.S. (Perchloric Acid, Ceric Ammonium Nitrate) 3 (6.1, 8) Ii

UIC COLLEGE OF PHARMACY, 833 833 S. WOOD ST. (M/C 874), CHICAGO, IL 60612 (Continued)

Non-Hazardous Waste Description:	Not Reported
Number of Containers:	1
Container Type Code:	DF
Container Type Description:	Fiberboard or plastic drums, barrels, kegs
Waste Quantity:	15
Quantity Unit of Measure Code:	P
Quantity Unit of Measure Description:	Pounds
Waste Quantity, in Tons:	0.0075
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.0075
Waste Quantity, in Kilograms:	6.802725
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	6.802725
Management Method Code:	H141
Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not Reported
Waste Density Unit of Measure Code:	Not Reported
Waste Density Unit of Measure Description:	Not Reported
Form Code:	Not Reported
Form Code Description:	Not Reported
Source Code:	Not Reported
Source Code Description:	Not Reported
Waste Minimization Code:	Not Reported
Waste Minimization Code Description:	Not Reported
Consent Number:	Not Reported
EPA Waste Indicator:	Y
Federal Waste Codes:	D001, D009
Quantity Haz Kg:	6.802725
Quantity Haz Tons:	0.0075
Quantity Non Haz Kg:	0
Quantity Non Haz Tons:	0
State Waste Codes:	Not Reported
Manifest Tracking Number:	019527103JJK
Waste Line Number:	6
U.S. DOT Hazardous Indicator:	N
U.S. DOT ID Number:	Not Reported
U.S. DOT Description:	Not Reported
Non-Hazardous Waste Description:	Non Dot / Non Rcra Regulated Material
Number of Containers:	1
Container Type Code:	DF
Container Type Description:	Fiberboard or plastic drums, barrels, kegs
Waste Quantity:	15
Quantity Unit of Measure Code:	P
Quantity Unit of Measure Description:	Pounds
Waste Quantity, in Tons:	0.0075

UIC COLLEGE OF PHARMACY, 833 833 S. WOOD ST. (M/C 874), CHICAGO, IL 60612 (Continued)

Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.0075
Waste Quantity, in Kilograms:	6.802725
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	6.802725
Management Method Code:	Not Reported
Management Method Description:	Not Reported
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not Reported
Waste Density Unit of Measure Code:	Not Reported
Waste Density Unit of Measure Description:	Not Reported
Form Code:	Not Reported
Form Code Description:	Not Reported
Source Code:	Not Reported
Source Code Description:	Not Reported
Waste Minimization Code:	Not Reported
Waste Minimization Code Description:	Not Reported
Consent Number:	Not Reported
EPA Waste Indicator:	N
Federal Waste Codes:	Not Reported
Quantity Haz Kg:	0
Quantity Haz Tons:	0
Quantity Non Haz Kg:	6.802725
Quantity Non Haz Tons:	0.0075
State Waste Codes:	Not Reported
Manifest Tracking Number:	019527103JJK
Waste Line Number:	7
U.S. DOT Hazardous Indicator:	Y
U.S. DOT ID Number:	UN3286
U.S. DOT Description:	Un3286 Flammable Liquid, Toxic, Corrosive, N.O.S. (Perchloric Acid, Ceric Ammonium Nitrate) 3 (6.1, 8) Ii
Non-Hazardous Waste Description:	Not Reported
Number of Containers:	1
Container Type Code:	DF
Container Type Description:	Fiberboard or plastic drums, barrels, kegs
Waste Quantity:	15
Quantity Unit of Measure Code:	P
Quantity Unit of Measure Description:	Pounds
Waste Quantity, in Tons:	0.0075
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.0075
Waste Quantity, in Kilograms:	6.802725
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	6.802725
Management Method Code:	H141
Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE

UIC COLLEGE OF PHARMACY, 833 833 S. WOOD ST. (M/C 874), CHICAGO, IL 60612 (Continued)

Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not Reported
Waste Density Unit of Measure Code:	Not Reported
Waste Density Unit of Measure Description:	Not Reported
Form Code:	Not Reported
Form Code Description:	Not Reported
Source Code:	Not Reported
Source Code Description:	Not Reported
Waste Minimization Code:	Not Reported
Waste Minimization Code Description:	Not Reported
Consent Number:	Not Reported
EPA Waste Indicator:	Y
Federal Waste Codes:	D001
Quantity Haz Kg:	6.802725
Quantity Haz Tons:	0.0075
Quantity Non Haz Kg:	0
Quantity Non Haz Tons:	0
State Waste Codes:	Not Reported
Manifest Tracking Number:	019527103JJK
Waste Line Number:	8
U.S. DOT Hazardous Indicator:	Y
U.S. DOT ID Number:	UN2810
U.S. DOT Description:	Un2810 Waste Toxic Liquid, Organic, N.O.S. (Tetrachloroethylenephenol) 6.1 Ii Rq
Non-Hazardous Waste Description:	Not Reported
Number of Containers:	1
Container Type Code:	DF
Container Type Description:	Fiberboard or plastic drums, barrels, kegs
Waste Quantity:	50
Quantity Unit of Measure Code:	P
Quantity Unit of Measure Description:	Pounds
Waste Quantity, in Tons:	0.025
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.025
Waste Quantity, in Kilograms:	22.67575
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	22.67575
Management Method Code:	H141
Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not Reported
Waste Density Unit of Measure Code:	Not Reported
Waste Density Unit of Measure Description:	Not Reported
Form Code:	Not Reported

UIC COLLEGE OF PHARMACY, 833 833 S. WOOD ST. (M/C 874), CHICAGO, IL 60612 (Continued)

Form Code Description:	Not Reported
Source Code:	Not Reported
Source Code Description:	Not Reported
Waste Minimization Code:	Not Reported
Waste Minimization Code Description:	Not Reported
Consent Number:	Not Reported
EPA Waste Indicator:	Y
Federal Waste Codes:	D004, D008, D011, D022
Quantity Haz Kg:	22.67575
Quantity Haz Tons:	0.025
Quantity Non Haz Kg:	0
Quantity Non Haz Tons:	0
State Waste Codes:	Not Reported
Manifest Tracking Number:	019527103JJK
Waste Line Number:	9
U.S. DOT Hazardous Indicator:	Y
U.S. DOT ID Number:	UN2810
U.S. DOT Description:	Un2810 Waste Toxic Liquid, Organic, N.O.S. (Tetrachloroethylenephenol) 6.1 Ii Rq
Non-Hazardous Waste Description:	Not Reported
Number of Containers:	1
Container Type Code:	DF
Container Type Description:	Fiberboard or plastic drums, barrels, kegs
Waste Quantity:	120
Quantity Unit of Measure Code:	P
Quantity Unit of Measure Description:	Pounds
Waste Quantity, in Tons:	0.06
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.06
Waste Quantity, in Kilograms:	54.4218
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	54.4218
Management Method Code:	H141
Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not Reported
Waste Density Unit of Measure Code:	Not Reported
Waste Density Unit of Measure Description:	Not Reported
Form Code:	Not Reported
Form Code Description:	Not Reported
Source Code:	Not Reported
Source Code Description:	Not Reported
Waste Minimization Code:	Not Reported
Waste Minimization Code Description:	Not Reported
Consent Number:	Not Reported
EPA Waste Indicator:	Y
Federal Waste Codes:	D001

UIC COLLEGE OF PHARMACY, 833 833 S. WOOD ST. (M/C 874), CHICAGO, IL 60612 (Continued)

Quantity Haz Kg:	54.4218
Quantity Haz Tons:	0.06
Quantity Non Haz Kg:	0
Quantity Non Haz Tons:	0
State Waste Codes:	Not Reported
Manifest Tracking Number:	019527103JJK
Waste Line Number:	10
U.S. DOT Hazardous Indicator:	N
U.S. DOT ID Number:	Not Reported
U.S. DOT Description:	Not Reported
Non-Hazardous Waste Description:	Non-Regulated Material
Number of Containers:	2
Container Type Code:	DM
Container Type Description:	Metal drums, barrels, kegs
Waste Quantity:	500
Quantity Unit of Measure Code:	P
Quantity Unit of Measure Description:	Pounds
Waste Quantity, in Tons:	0.25
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.25
Waste Quantity, in Kilograms:	226.7575
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	226.7575
Management Method Code:	Not Reported
Management Method Description:	Not Reported
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not Reported
Waste Density Unit of Measure Code:	Not Reported
Waste Density Unit of Measure Description:	Not Reported
Form Code:	Not Reported
Form Code Description:	Not Reported
Source Code:	Not Reported
Source Code Description:	Not Reported
Waste Minimization Code:	Not Reported
Waste Minimization Code Description:	Not Reported
Consent Number:	Not Reported
EPA Waste Indicator:	N
Federal Waste Codes:	Not Reported
Quantity Haz Kg:	0
Quantity Haz Tons:	0
Quantity Non Haz Kg:	226.7575
Quantity Non Haz Tons:	0.25
State Waste Codes:	Not Reported
Manifest Tracking Number:	019527103JJK
Waste Line Number:	11
U.S. DOT Hazardous Indicator:	N

UIC COLLEGE OF PHARMACY, 833 833 S. WOOD ST. (M/C 874), CHICAGO, IL 60612 (Continued)

U.S. DOT ID Number:	Not Reported
U.S. DOT Description:	Not Reported
Non-Hazardous Waste Description:	Non-Regulated Material
Number of Containers:	2
Container Type Code:	DM
Container Type Description:	Metal drums, barrels, kegs
Waste Quantity:	500
Quantity Unit of Measure Code:	P
Quantity Unit of Measure Description:	Pounds
Waste Quantity, in Tons:	0.25
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.25
Waste Quantity, in Kilograms:	226.7575
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	226.7575
Management Method Code:	H141
Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not Reported
Waste Density Unit of Measure Code:	Not Reported
Waste Density Unit of Measure Description:	Not Reported
Form Code:	Not Reported
Form Code Description:	Not Reported
Source Code:	Not Reported
Source Code Description:	Not Reported
Waste Minimization Code:	Not Reported
Waste Minimization Code Description:	Not Reported
Consent Number:	Not Reported
EPA Waste Indicator:	N
Federal Waste Codes:	Not Reported
Quantity Haz Kg:	0
Quantity Haz Tons:	0
Quantity Non Haz Kg:	226.7575
Quantity Non Haz Tons:	0.25
State Waste Codes:	Not Reported

COLLEGE OF PHARMACY UIC BLDG 924 833 S WOOD ST, CHICAGO, IL,		S117529729
▲ A2	Target Property	Other Ascertainable Records
	593 ft. Above Sea Level	

Worksheet:

ASBESTOS: Other Ascertainable Records

Site ID: 031600IJQ

COLLEGE OF PHARMACY UIC BLDG 924, 833 S WOOD ST, CHICAGO, IL (Continued)

Name:	COLLEGE OF PHARMACY-UIC 924
Address:	833 S WOOD ST
City,State,Zip:	CHICAGO, IL
Notification Type:	Not Reported
Received Date:	07/02/2021
Postmark Date:	06/28/2021
Start Date:	Not Reported
End Date:	Not Reported
Resubmission Date:	Not Reported
Pipe AMT:	Not Reported
SA AMT:	Not Reported
OFC AMT:	Not Reported
Type:	Renovation
Fee Amt :	$150.00
Fee Payment Method:	Check
Check # or EPAY code. #:	44950
Fee Comment:	correct-HF
Additional Property:	Not Reported
Asbestos Contractor Name:	EHC Industries, Inc
Demo Contractor Name:	Not Reported
Asbestos Y/N:	Yes
Demo Order Gov Y/N:	No
Emerg. Reno Y/N:	No
Compliance Review Y/N:	Yes
Compliance Initials:	HF
Compliance Review Comments:	1 WD short. NFA 07/08/21

Site ID:	031600IJQ
Name:	COLLEGE OF PHARMACY-IC 924
Address:	833 S WOOD ST
City,State,Zip:	CHICAGO, IL
Notification Type:	Not Reported
Received Date:	11/14/2023
Postmark Date:	11/10/2023
Start Date:	Not Reported
End Date:	Not Reported
Resubmission Date:	Not Reported
Pipe AMT:	Not Reported
SA AMT:	Not Reported
OFC AMT:	Not Reported
Type:	Reno
Fee Amt :	$150
Fee Payment Method:	Check
Check # or EPAY code. #:	46582
Fee Comment:	correct
Additional Property:	Not Reported
Asbestos Contractor Name:	EHC Industries, Inc
Demo Contractor Name:	Not Reported
Asbestos Y/N:	Y
Demo Order Gov Y/N:	N

COLLEGE OF PHARMACY UIC BLDG 924, 833 S WOOD ST, CHICAGO, IL (Continued)

Emerg. Reno Y/N:	N
Compliance Review Y/N:	Not Reported
Compliance Initials:	Not Reported
Compliance Review Comments:	NFA 11/20/2023 QC
Site ID:	031600IJQ
Name:	COLLEGE OF PHARMACY UIC BLDG 924
Address:	833 S WOOD ST
City,State,Zip:	CHICAGO, IL
Notification Type:	Not Reported
Received Date:	11/05/2020
Postmark Date:	10/30/2020
Start Date:	Not Reported
End Date:	Not Reported
Resubmission Date:	Not Reported
Pipe AMT:	Not Reported
SA AMT:	Not Reported
OFC AMT:	Not Reported
Type:	Renovation
Fee Amt :	$150.00
Fee Payment Method:	Check
Check # or EPAY code. #:	44532
Fee Comment:	correct-HF
Additional Property:	Not Reported
Asbestos Contractor Name:	EHC Industries, Inc.
Demo Contractor Name:	Not Reported
Asbestos Y/N:	Yes
Demo Order Gov Y/N:	No
Emerg. Reno Y/N:	No
Compliance Review Y/N:	Yes
Compliance Initials:	HF
Compliance Review Comments:	NFA. 11/12/20 HF
Site ID:	031600IJQ
Name:	COLLEGE OF PHARMACY UIC BLDG 924
Address:	833 S WOOD ST
City,State,Zip:	CHICAGO, IL
Notification Type:	Not Reported
Received Date:	11/16/2020
Postmark Date:	11/11/2020
Start Date:	Not Reported
End Date:	Not Reported
Resubmission Date:	Not Reported
Pipe AMT:	Not Reported
SA AMT:	Not Reported
OFC AMT:	Not Reported
Type:	Renovation
Fee Amt :	Not Reported
Fee Payment Method:	Not Reported
Check # or EPAY code. #:	Not Reported
Fee Comment:	Not Reported

COLLEGE OF PHARMACY UIC BLDG 924, 833 S WOOD ST, CHICAGO, IL (Continued)

Additional Property:	Not Reported
Asbestos Contractor Name:	EHC Industries, Inc.
Demo Contractor Name:	Not Reported
Asbestos Y/N:	Yes
Demo Order Gov Y/N:	No
Emerg. Reno Y/N:	No
Compliance Review Y/N:	Yes
Compliance Initials:	HF
Compliance Review Comments:	Notice fine but no check if revision submitted timely. 11/20/20 HF
Site ID:	031600IJQ
Name:	COLLEGE OF PHARMACY UIC BLDG 924
Address:	833 S WOOD ST
City,State,Zip:	CHICAGO, IL
Notification Type:	Not Reported
Received Date:	10/19/2020
Postmark Date:	10/09/2020
Start Date:	Not Reported
End Date:	Not Reported
Resubmission Date:	Not Reported
Pipe AMT:	Not Reported
SA AMT:	Not Reported
OFC AMT:	Not Reported
Type:	Renovation
Fee Amt :	$150.00
Fee Payment Method:	Check
Check # or EPAY code. #:	44484
Fee Comment:	correct-HF
Additional Property:	Not Reported
Asbestos Contractor Name:	EHC Industries, Inc
Demo Contractor Name:	Not Reported
Asbestos Y/N:	Yes
Demo Order Gov Y/N:	No
Emerg. Reno Y/N:	No
Compliance Review Y/N:	Yes
Compliance Initials:	HF
Compliance Review Comments:	NFA. 10/23/20 HF
Site ID:	031600IJQ
Name:	COLLEGE OF PHARMACY-UIC 924
Address:	833 S WOOD ST
City,State,Zip:	CHICAGO, IL
Notification Type:	Not Reported
Received Date:	05/04/2023
Postmark Date:	5/1/2023
Start Date:	Not Reported
End Date:	Not Reported
Resubmission Date:	Not Reported
Pipe AMT:	Not Reported
SA AMT:	Not Reported
OFC AMT:	Not Reported

COLLEGE OF PHARMACY UIC BLDG 924, 833 S WOOD ST, CHICAGO, IL (Continued)

Type:	Reno
Fee Amt :	$150
Fee Payment Method:	Check
Check # or EPAY code. #:	46321
Fee Comment:	correct
Additional Property:	Not Reported
Asbestos Contractor Name:	EHC Industries, Inc
Demo Contractor Name:	Not Reported
Asbestos Y/N:	Y
Demo Order Gov Y/N:	N
Emerg. Reno Y/N:	N
Compliance Review Y/N:	Not Reported
Compliance Initials:	Not Reported
Compliance Review Comments:	NFA 05/08/23 HF

Site ID:	031600IJQ
Name:	COLLEGE OF PHARMACY- UIC BLDG 924
Address:	833 S WOOD ST
City,State,Zip:	CHICAGO, IL
Notification Type:	Not Reported
Received Date:	03/16/2020
Postmark Date:	03/06/2020
Start Date:	Not Reported
End Date:	Not Reported
Resubmission Date:	Not Reported
Pipe AMT:	Not Reported
SA AMT:	Not Reported
OFC AMT:	Not Reported
Type:	Renovation
Fee Amt :	$150.00
Fee Payment Method:	Check
Check # or EPAY code. #:	44027
Fee Comment:	correct-HF
Additional Property:	Not Reported
Asbestos Contractor Name:	EHC Industries, Inc
Demo Contractor Name:	Not Reported
Asbestos Y/N:	Yes
Demo Order Gov Y/N:	No
Emerg. Reno Y/N:	No
Compliance Review Y/N:	Yes
Compliance Initials:	HF
Compliance Review Comments:	NFA. 03/16/20

Site ID:	031600IJQ
Name:	COLLEGE OF PHARMACY UIC 924
Address:	833 S WOOD ST
City,State,Zip:	CHICAGO, IL
Notification Type:	Emailed Scott 7/11 for new payment.
Received Date:	07/05/2022
Postmark Date:	07/01/2022
Start Date:	Not Reported

COLLEGE OF PHARMACY UIC BLDG 924, 833 S WOOD ST, CHICAGO, IL (Continued)

End Date:	Not Reported
Resubmission Date:	Not Reported
Pipe AMT:	Not Reported
SA AMT:	Not Reported
OFC AMT:	Not Reported
Type:	Renovation
Fee Amt :	$150.00
Fee Payment Method:	Check
Check # or EPAY code. #:	45632
Fee Comment:	correct-HF
Additional Property:	Not Reported
Asbestos Contractor Name:	EHC Industries, Inc
Demo Contractor Name:	Not Reported
Asbestos Y/N:	Yes
Demo Order Gov Y/N:	No
Emerg. Reno Y/N:	No
Compliance Review Y/N:	Yes
Compliance Initials:	HF
Compliance Review Comments:	chk# 45632 for $150 was not signed and returned by Fiscal. Received check back signed. NFA HF

Site ID:	031600IJQ
Name:	COLLEGE OF PHARMACY- UIC BLDG 924
Address:	833 S WOOD ST
City,State,Zip:	CHICAGO, IL
Notification Type:	Not Reported
Received Date:	12/02/2019
Postmark Date:	11/20/2019
Start Date:	Not Reported
End Date:	Not Reported
Resubmission Date:	Not Reported
Pipe AMT:	Not Reported
SA AMT:	Not Reported
OFC AMT:	Not Reported
Type:	Renovation
Fee Amt :	$150.00
Fee Payment Method:	Check
Check # or EPAY code. #:	43813
Fee Comment:	correct-HF
Additional Property:	Not Reported
Asbestos Contractor Name:	EHC Industries, Inc
Demo Contractor Name:	Not Reported
Asbestos Y/N:	Yes
Demo Order Gov Y/N:	No
Emerg. Reno Y/N:	No
Compliance Review Y/N:	Yes
Compliance Initials:	HF
Compliance Review Comments:	NFA. 12/03/19

Site ID:	031600IJQ
Name:	COLLEGE OF PHARMACY-UIC 924
Address:	833 S WOOD ST

COLLEGE OF PHARMACY UIC BLDG 924, 833 S WOOD ST, CHICAGO, IL (Continued)

City,State,Zip:	CHICAGO, IL
Notification Type:	Not Reported
Received Date:	05/24/2023
Postmark Date:	5/22/2023
Start Date:	Not Reported
End Date:	Not Reported
Resubmission Date:	Not Reported
Pipe AMT:	Not Reported
SA AMT:	Not Reported
OFC AMT:	Not Reported
Type:	Reno
Fee Amt :	Not Reported
Fee Payment Method:	Not Reported
Check # or EPAY code. #:	Not Reported
Fee Comment:	Not Reported
Additional Property:	Not Reported
Asbestos Contractor Name:	EHC Industries, Inc
Demo Contractor Name:	Not Reported
Asbestos Y/N:	Y
Demo Order Gov Y/N:	N
Emerg. Reno Y/N:	N
Compliance Review Y/N:	Not Reported
Compliance Initials:	Not Reported
Compliance Review Comments:	NFA 06/05/23 HF

Site ID:	031600IJQ
Name:	COLLEGE OF PHARMACY UIC 924
Address:	833 S WOOD ST
City,State,Zip:	CHICAGO, IL
Notification Type:	Not Reported
Received Date:	12/29/2021
Postmark Date:	12/22/2021
Start Date:	Not Reported
End Date:	Not Reported
Resubmission Date:	Not Reported
Pipe AMT:	Not Reported
SA AMT:	Not Reported
OFC AMT:	Not Reported
Type:	Renovation
Fee Amt :	$150.00
Fee Payment Method:	Check
Check # or EPAY code. #:	45286
Fee Comment:	correct-HF
Additional Property:	Not Reported
Asbestos Contractor Name:	EHC Industries, Inc
Demo Contractor Name:	Not Reported
Asbestos Y/N:	Yes
Demo Order Gov Y/N:	No
Emerg. Reno Y/N:	No
Compliance Review Y/N:	Yes

COLLEGE OF PHARMACY UIC BLDG 924, 833 S WOOD ST, CHICAGO, IL (Continued)

Compliance Initials:	HF
Compliance Review Comments:	NFA 01/03/22 HF
Site ID:	031600IJQ
Name:	COLLEGE OF PHARMACY UIC 924
Address:	833 S WOOD ST
City,State,Zip:	CHICAGO, IL
Notification Type:	not original signature. AC advised to send original signatures in the future. NFA. PB 1/25/22
Received Date:	01/06/2022
Postmark Date:	01/04/2022
Start Date:	Not Reported
End Date:	Not Reported
Resubmission Date:	Not Reported
Pipe AMT:	Not Reported
SA AMT:	Not Reported
OFC AMT:	Not Reported
Type:	Renovation
Fee Amt :	Not Reported
Fee Payment Method:	Not Reported
Check # or EPAY code. #:	Not Reported
Fee Comment:	Not Reported
Additional Property:	Not Reported
Asbestos Contractor Name:	EHC Industries, Inc
Demo Contractor Name:	Not Reported
Asbestos Y/N:	Yes
Demo Order Gov Y/N:	No
Emerg. Reno Y/N:	No
Compliance Review Y/N:	Yes
Compliance Initials:	HF
Compliance Review Comments:	not original signature. 1/14/22 HF
Site ID:	031600IJQ
Name:	COLLEGE OF PHARMACY UIC 924
Address:	833 S WOOD ST
City,State,Zip:	CHICAGO, IL
Notification Type:	Not Reported
Received Date:	01/18/2022
Postmark Date:	01/13/2022
Start Date:	Not Reported
End Date:	Not Reported
Resubmission Date:	Not Reported
Pipe AMT:	Not Reported
SA AMT:	Not Reported
OFC AMT:	Not Reported
Type:	Renovation
Fee Amt :	Not Reported
Fee Payment Method:	Not Reported
Check # or EPAY code. #:	Not Reported
Fee Comment:	Not Reported
Additional Property:	Not Reported
Asbestos Contractor Name:	EHC Industries, Inc

COLLEGE OF PHARMACY UIC BLDG 924, 833 S WOOD ST, CHICAGO, IL (Continued)

Demo Contractor Name:	Not Reported
Asbestos Y/N:	Yes
Demo Order Gov Y/N:	No
Emerg. Reno Y/N:	No
Compliance Review Y/N:	Yes
Compliance Initials:	HF
Compliance Review Comments:	NFA 1/20/22 HF
Site ID:	031600IJQ
Name:	COLLEGE OF PHARMACY UIC 924
Address:	833 S WOOD ST
City,State,Zip:	CHICAGO, IL
Notification Type:	Not Reported
Received Date:	01/31/2022
Postmark Date:	01/26/2022
Start Date:	Not Reported
End Date:	Not Reported
Resubmission Date:	Not Reported
Pipe AMT:	Not Reported
SA AMT:	Not Reported
OFC AMT:	Not Reported
Type:	Renovation
Fee Amt :	Not Reported
Fee Payment Method:	Not Reported
Check # or EPAY code. #:	Not Reported
Fee Comment:	Not Reported
Additional Property:	Not Reported
Asbestos Contractor Name:	EHC Industries, Inc
Demo Contractor Name:	Not Reported
Asbestos Y/N:	Yes
Demo Order Gov Y/N:	No
Emerg. Reno Y/N:	No
Compliance Review Y/N:	Yes
Compliance Initials:	HF
Compliance Review Comments:	NFA 02/02/22 HF
Site ID:	031600IJQ
Name:	COLLEGE OF PHARMACY UIC 924
Address:	833 S WOOD ST
City,State,Zip:	CHICAGO, IL
Notification Type:	Not Reported
Received Date:	02/14/2022
Postmark Date:	02/09/2022
Start Date:	Not Reported
End Date:	Not Reported
Resubmission Date:	Not Reported
Pipe AMT:	Not Reported
SA AMT:	Not Reported
OFC AMT:	Not Reported
Type:	Renovation
Fee Amt :	Not Reported

COLLEGE OF PHARMACY UIC BLDG 924, 833 S WOOD ST, CHICAGO, IL (Continued)

Fee Payment Method:	Not Reported
Check # or EPAY code. #:	Not Reported
Fee Comment:	Not Reported
Additional Property:	Not Reported
Asbestos Contractor Name:	EHC Industries, Inc
Demo Contractor Name:	Not Reported
Asbestos Y/N:	Yes
Demo Order Gov Y/N:	No
Emerg. Reno Y/N:	No
Compliance Review Y/N:	Yes
Compliance Initials:	HF
Compliance Review Comments:	NFA 02/15/22 HF

Site ID:	031600IJQ
Name:	COLLEGE OF PHARMACY UIC 924
Address:	833 S WOOD ST
City,State,Zip:	CHICAGO, IL
Notification Type:	Not Reported
Received Date:	02/25/2022
Postmark Date:	02/23/2022
Start Date:	Not Reported
End Date:	Not Reported
Resubmission Date:	Not Reported
Pipe AMT:	Not Reported
SA AMT:	Not Reported
OFC AMT:	Not Reported
Type:	Renovation
Fee Amt :	Not Reported
Fee Payment Method:	Not Reported
Check # or EPAY code. #:	Not Reported
Fee Comment:	Not Reported
Additional Property:	Not Reported
Asbestos Contractor Name:	EHC Industries, Inc
Demo Contractor Name:	Not Reported
Asbestos Y/N:	Yes
Demo Order Gov Y/N:	No
Emerg. Reno Y/N:	No
Compliance Review Y/N:	Yes
Compliance Initials:	HF
Compliance Review Comments:	NFA. 3/2/22 HF

Site ID:	031600IJQ
Name:	COLLEGE OF PHARMACY- UIC BLDG 924
Address:	833 S WOOD ST
City,State,Zip:	CHICAGO, IL
Notification Type:	Not Reported
Received Date:	06/06/2019
Postmark Date:	05/31/2019
Start Date:	Not Reported
End Date:	Not Reported
Resubmission Date:	Not Reported

COLLEGE OF PHARMACY UIC BLDG 924, 833 S WOOD ST, CHICAGO, IL (Continued)

Pipe AMT:	Not Reported
SA AMT:	Not Reported
OFC AMT:	Not Reported
Type:	Renovation
Fee Amt :	$150.00
Fee Payment Method:	Check
Check # or EPAY code. #:	43430
Fee Comment:	correct-HS
Additional Property:	Not Reported
Asbestos Contractor Name:	EHC Industries, Inc
Demo Contractor Name:	Not Reported
Asbestos Y/N:	Yes
Demo Order Gov Y/N:	No
Emerg. Reno Y/N:	No
Compliance Review Y/N:	Yes
Compliance Initials:	HS
Compliance Review Comments:	NFA. 06/10/19

Site ID:	031600lJQ
Name:	COLLEGE OF PHARMACY- UIC BLDG 924
Address:	833 S WOOD ST
City,State,Zip:	CHICAGO, IL
Notification Type:	Not Reported
Received Date:	09/18/2019
Postmark Date:	09/13/2019
Start Date:	Not Reported
End Date:	Not Reported
Resubmission Date:	Not Reported
Pipe AMT:	Not Reported
SA AMT:	Not Reported
OFC AMT:	Not Reported
Type:	Renovation
Fee Amt :	$150.00
Fee Payment Method:	Check
Check # or EPAY code. #:	43683
Fee Comment:	correct-HS
Additional Property:	Not Reported
Asbestos Contractor Name:	EHC Industries, Inc
Demo Contractor Name:	Not Reported
Asbestos Y/N:	Yes
Demo Order Gov Y/N:	No
Emerg. Reno Y/N:	No
Compliance Review Y/N:	Yes
Compliance Initials:	HS
Compliance Review Comments:	NFA. 09/25/19

CHICAGO ASBESTOS:

Name:	Not Reported
Address:	833 S WOOD ST
City,State,Zip:	CHICAGO, IL

COLLEGE OF PHARMACY UIC BLDG 924, 833 S WOOD ST, CHICAGO, IL (Continued)

Notification Type:	Asbestos Notification
Owner Name:	Not Reported
Start Date:	2/21/2014
End Date:	6/27/2014
Comments:	5000tsi 48000 Ft M
Data Source:	DEPT. OF PUBLIC HEALTH
Modify Date:	Not Reported
Location:	POINT (-87.671317843273 41.870590420759)
Latitude:	41.87059042
Longitude:	-87.67131784

Name:	Not Reported
Address:	833 S WOOD ST
City,State,Zip:	CHICAGO, IL
Notification Type:	Asbestos Notification
Owner Name:	Not Reported
Start Date:	1/6/2014
End Date:	6/27/2014
Comments:	5000+48000
Data Source:	DEPT. OF PUBLIC HEALTH
Modify Date:	Not Reported
Location:	POINT (-87.671317843273 41.870590420759)
Latitude:	41.87059042
Longitude:	-87.67131784

Name:	Not Reported
Address:	833 S WOOD ST
City,State,Zip:	CHICAGO, IL
Notification Type:	NOI NESHAP
Owner Name:	UNIVERSITY OF ILLINOIS
Start Date:	5/19/2008
End Date:	Not Reported
Comments:	Est Waste: Rcm Pipe: 0 Racm Area: 3500 Racm Volume: 0
Data Source:	HISTORIC DEPT. OF ENVIRONMENT
Modify Date:	Not Reported
Location:	POINT (-87.671317843273 41.870590420759)
Latitude:	41.87059042
Longitude:	-87.67131784

Name:	Not Reported
Address:	833 S WOOD ST
City,State,Zip:	CHICAGO, IL
Notification Type:	NOI NESHAP
Owner Name:	UNIVERSITY OF ILLINOIS @ CHICAGO
Start Date:	4/10/2001
End Date:	Not Reported
Comments:	Est Waste: Rcm Pipe: 10 Racm Area: 500 Racm Volume: 0
Data Source:	HISTORIC DEPT. OF ENVIRONMENT
Modify Date:	Not Reported
Location:	POINT (-87.671317843273 41.870590420759)
Latitude:	41.87059042

COLLEGE OF PHARMACY UIC BLDG 924, 833 S WOOD ST, CHICAGO, IL (Continued)

Longitude:	-87.67131784
Name:	Not Reported
Address:	833 S WOOD ST
City,State,Zip:	CHICAGO, IL
Notification Type:	Asbestos Notification
Owner Name:	VALOR TECHNOLOGIES
Start Date:	5/16/2019
End Date:	5/31/2019
Comments:	Non-Friable Removal Of Floor Tile And Mastic.
Data Source:	DEPT. OF PUBLIC HEALTH
Modify Date:	Not Reported
Location:	POINT (-87.671317843273 41.870590420759)
Latitude:	41.87059042
Longitude:	-87.67131784
Name:	Not Reported
Address:	833 S WOOD ST
City,State,Zip:	CHICAGO, IL
Notification Type:	NOI NESHAP
Owner Name:	UIC OFFICE FOR CAPITAL PROGRAMS
Start Date:	3/4/2003
End Date:	Not Reported
Comments:	Est Waste: Rcm Pipe: 0 Racm Area: 350 Racm Volume: 0
Data Source:	HISTORIC DEPT. OF ENVIRONMENT
Modify Date:	Not Reported
Location:	POINT (-87.671317843273 41.870590420759)
Latitude:	41.87059042
Longitude:	-87.67131784
Name:	Not Reported
Address:	833 S WOOD ST
City,State,Zip:	CHICAGO, IL
Notification Type:	NOI NESHAP
Owner Name:	UNIVERSITY OF ILLINOIS
Start Date:	12/2/2002
End Date:	Not Reported
Comments:	Est Waste: Rcm Pipe: 200 Racm Area: 13000 Racm Volume: 0
Data Source:	HISTORIC DEPT. OF ENVIRONMENT
Modify Date:	Not Reported
Location:	POINT (-87.671317843273 41.870590420759)
Latitude:	41.87059042
Longitude:	-87.67131784

CHICAGO INSPECT: Other Ascertainable Records

Name:	Not Reported
Address:	833 S WOOD ST
City,State,Zip:	CHICAGO, IL
Inspection ID:	DOEINS157808
Modified Date:	Not Reported
Inspection Name:	Not Reported

COLLEGE OF PHARMACY UIC BLDG 924, 833 S WOOD ST, CHICAGO, IL (Continued)

Inspection Category:	MISCELLANEOUS INSPECTION
Inspection Sub-Category:	A8
Inspector:	85
Inspection Date:	2001-10-31 00:00:00
Data Source:	HISTORIC DEPT. OF ENVIRONMENT
Location:	POINT (-87.671317843273 41.870590420759)
Latitude:	41.870590421
Longitude:	-87.671317843
Name:	Not Reported
Address:	833 S WOOD ST
City,State,Zip:	CHICAGO, IL
Inspection ID:	DOEINS157810
Modified Date:	Not Reported
Inspection Name:	Not Reported
Inspection Category:	DEMOLITION/ASBESTOS
Inspection Sub-Category:	RENOVATION/NESHAPS
Inspector:	112
Inspection Date:	2005-07-15 00:00:00
Data Source:	HISTORIC DEPT. OF ENVIRONMENT
Location:	POINT (-87.671317843273 41.870590420759)
Latitude:	41.870590421
Longitude:	-87.671317843
Name:	Not Reported
Address:	833 S WOOD ST
City,State,Zip:	CHICAGO, IL
Inspection ID:	DOEINS157809
Modified Date:	Not Reported
Inspection Name:	Not Reported
Inspection Category:	DEMOLITION/ASBESTOS
Inspection Sub-Category:	RENOVATION/NESHAPS
Inspector:	75
Inspection Date:	2002-12-04 00:00:00
Data Source:	HISTORIC DEPT. OF ENVIRONMENT
Location:	POINT (-87.671317843273 41.870590420759)
Latitude:	41.870590421
Longitude:	-87.671317843

COLLEGE OF PHARMACY 4TH FLOOR
833 S WOOD, CHICAGO, IL, 60612 S121934092

▲ A3	Target Property	Other Ascertainable Records
	593 ft. Above Sea Level	

Worksheet:

ASBESTOS: Other Ascertainable Records

Site ID:	170001641864
Name:	COLLEGE OF PHARMACY 4TH FLOOR

COLLEGE OF PHARMACY 4TH FLOOR, 833 S WOOD, CHICAGO, IL 60612 (Continued)

Address:	833 S WOOD
City,State,Zip:	CHICAGO, IL 60612
Notification Type:	Original
Received Date:	05/15/2017
Postmark Date:	05/12/2017
Start Date:	05/26/2017
End Date:	Not Reported
Resubmission Date:	Not Reported
Pipe AMT:	Not Reported
SA AMT:	Not Reported
OFC AMT:	Not Reported
Type:	Not Reported
Fee Amt :	Not Reported
Fee Payment Method:	Not Reported
Check # or EPAY code. #:	Not Reported
Fee Comment:	Not Reported
Additional Property:	Not Reported
Asbestos Contractor Name:	Not Reported
Demo Contractor Name:	Not Reported
Asbestos Y/N:	Not Reported
Demo Order Gov Y/N:	Not Reported
Emerg. Reno Y/N:	Not Reported
Compliance Review Y/N:	Not Reported
Compliance Initials:	Not Reported
Compliance Review Comments:	Not Reported

Site ID:	170001641864
Name:	COLLEGE OF PHARMACY 4TH FLOOR
Address:	833 S WOOD
City,State,Zip:	CHICAGO, IL 60612
Notification Type:	Original
Received Date:	10/12/2016
Postmark Date:	10/06/2016
Start Date:	10/20/2016
End Date:	10/24/2016
Resubmission Date:	Not Reported
Pipe AMT:	Not Reported
SA AMT:	100
OFC AMT:	Not Reported
Type:	Not Reported
Fee Amt :	Not Reported
Fee Payment Method:	Not Reported
Check # or EPAY code. #:	Not Reported
Fee Comment:	Not Reported
Additional Property:	Not Reported
Asbestos Contractor Name:	Not Reported
Demo Contractor Name:	Not Reported
Asbestos Y/N:	Not Reported
Demo Order Gov Y/N:	Not Reported
Emerg. Reno Y/N:	Not Reported

COLLEGE OF PHARMACY 4TH FLOOR, 833 S WOOD, CHICAGO, IL 60612 (Continued)

Compliance Review Y/N:	Not Reported
Compliance Initials:	Not Reported
Compliance Review Comments:	Not Reported
Site ID:	170001641864
Name:	COLLEGE OF PHARMACY 4TH FLOOR
Address:	833 S WOOD
City,State,Zip:	CHICAGO, IL 60612
Notification Type:	Original
Received Date:	05/15/2017
Postmark Date:	05/12/2017
Start Date:	05/26/2017
End Date:	05/26/2017
Resubmission Date:	Not Reported
Pipe AMT:	Not Reported
SA AMT:	1300
OFC AMT:	Not Reported
Type:	Not Reported
Fee Amt :	Not Reported
Fee Payment Method:	Not Reported
Check # or EPAY code. #:	Not Reported
Fee Comment:	Not Reported
Additional Property:	Not Reported
Asbestos Contractor Name:	Not Reported
Demo Contractor Name:	Not Reported
Asbestos Y/N:	Not Reported
Demo Order Gov Y/N:	Not Reported
Emerg. Reno Y/N:	Not Reported
Compliance Review Y/N:	Not Reported
Compliance Initials:	Not Reported
Compliance Review Comments:	Not Reported

833 S. WOODS ST.
833 S. WOODS ST., CHICAGO, IL, S115726865

▲ A4	Target Property	Records of Emergency Release Reports
	593 ft. Above Sea Level	

Worksheet:

IEMA SPILLS: Records of Emergency Release Reports

Name:	Not Reported
Address:	833 S. WOODS ST.
City,State,Zip:	CHICAGO, IL
Incident Number:	903189
Incident Report Date:	10/29/1990
Street Address Of Incident Location:	833 S. WOODS ST.
Incident Location City:	CHICAGO
Incident Location County:	COOK

833 S. WOODS ST., 833 S. WOODS ST., CHICAGO, IL (Continued)

Entered By:	Not Reported
Date Entered:	Not Reported
Data Input Status:	CLOSED
Leaking Underground Storage Tank (Lust)?:	Not Reported
Caller:	Richard Pacocha
Caller Represents:	Chicago F.D. Haz Mat Team
Hazmat Incident Type:	SPILL
Date/Time Occurred:	Not Reported
Mile Post:	Not Reported
Section:	Not Reported
Township:	Not Reported
Range:	Not Reported
Area Involved:	FIXED FACILITY
Media/Medium Into Which Release Occurred:	Not Reported
Temp:	Not Reported
Wind:	Not Reported
Material Name:	NITRIC ACID AND OTHER UNK. CHEMICALS
Type:	UNKNOWN
Chris Code:	Not Reported
CAS#:	Not Reported
UN/NA #:	Not Reported
302(A) Extremely Hazardous Substance?:	U
Is This A RCRA Hazardous Waste?:	Not Reported
Is This A RCRA Regulated Facility?:	Not Reported
Container Type:	OTHER: UNK.
Container Size:	OTHER: UNK.
Amount Released:	UNK
Rate Of Release/Min:	Not Reported
Duration Of Release:	Not Reported
Cause Of Release:	UNK
Estimated Spill Extent:	Not Reported
Spill Extent Units:	Not Reported
Date/Time Incident Occurred:	Not Reported
Check If Unknown (Occurrence):	Not Reported
Date/Time Discovered:	Not Reported
Check If Unknown (Discovered):	Not Reported
Where Taken:	Not Reported
On Scene Contact:	Not Reported
Public Health Risks/Precautions Taken:	POSSIBLE EVACUATION
Number Of People Evacuated:	Not Reported
Assistance Needed From State Agencies:	Not Reported
Containment/Cleanup Actions And Plans:	Not Reported
Responsible Name:	Responsible Party
Facility Manager:	Not Reported
Facility Manager Phone #:	Not Reported
Street1:	Not Reported

833 S. WOODS ST., 833 S. WOODS ST., CHICAGO, IL (Continued)

Contacted ESDA?:	Not Reported
ESDA On Scene?:	Not Reported
Specific ESDA Agency Contacted:	Not Reported
Contacted Fire Department?:	Not Reported
Fire Department On Scene?:	Not Reported
Name Of Fire Department Contacted:	Not Reported
Contacted Police Department?:	Not Reported
Police Department On Scene?:	Not Reported
Name Of Police Department Contacted:	Not Reported
Sheriff Police Department?:	Not Reported
Sheriff Department On Scene?:	Not Reported
Name Of Sheriff Department Contacted:	Not Reported
Was An Agency Other Than ESDA:	Not Reported
Fire Police Or Sheriff Contacted?:	Not Reported
Was This Other Agency On Scene?:	Not Reported
Name Of Other Agency Contacted:	Not Reported
Agency Notified Name:	Not Reported
Date/Time Agency Notified:	Not Reported
URL:	https://public.iema.state.il.us/FOIAHazmatSearch/HazmatDetails.aspx?RptNum=903189
Narrative:	Not Reported
Follow Up:	Not Reported

833 S WOODS ST 833 S WOODS ST, CHICAGO, IL,		S111878366
▲ A5	Target Property 593 ft. Above Sea Level	Records of Emergency Release Reports

Worksheet:

SPILLS: Records of Emergency Release Reports

Name:	Not Reported
City,State,Zip:	CHICAGO, IL
Incident ID:	19903189
Incident Date:	Not Reported
Date Received:	10/30/1990
Lust Ind:	No
Facility Address:	833 S WOODS ST
Facility City:	CHICAGO
PRP Name:	UNIVERSITY OF ILLINOIS
AC:	Not Reported
Source Table:	dbo_OCIN_INCIDENTCUR

COLLEGE OF PHARMACY 4TH FLOOR 833 S WOOD, CHICAGO, IL, 60612	1011853065

MAP FINDINGS

▲ A6	Target Property 593 ft. Above Sea Level	Other Ascertainable Records

Worksheet:

FINDS: Other Ascertainable Records

Registry ID: 110037152354

Click Here for FRS Facility Detail Report: https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110037152354

Environmental Interest/Information System:

The Agency Compliance and Enforcement Systems (ACES) application supports the compliance and enforcement activities that exist primarily within the Illinois Bureaus of Air, Water, and Land, the Division of Legal Counsel, and the Office of Chemical Safety. The intent of the system is to track compliance and enforcement processes and to share the information throughout the agency, the public and with other entities.

The Click here to access additional FINDS: detail in the EDR Site Report. database contains http://www.edrnet.com/srf2/FinalSiteReport.aspx?ID=6HIh638kHejII6b7hay03eJF3XfP8GKbk.mdAqxJef3aj3XHI7jp51oM6ESkbgR47g4531X.aoREym190ODy4.YweyB6JkWoF49t3oebXOGTfl3APfYc49G6G1siK8YfbUrO4.5k.KqsmIMtdRZeCQqsqYf.xPYBJxNU6qW6HXdNI.A8hSEi3l9p30aC8pnbk4Ak9i9XeFssjVEQItfT3tqF6ka4bgRY71.F4NxDakhAyfNd0BQY4thdeiAmJp7mFjEe5TAWX1ZofJzmPcx95RkcGhJ4KWhHbpbN9C5c.ZxWmJtTdyEr6Zw.HjV0Ip0xh9zX4mCD3ePJ8XFFka.C3yK3e3T1jCYaI6X0BMx06aktbzDB7MTD54NlaM90yTfk01qJ5rOLeY1aJ8QiF6Gy375aXhjpf9TLPOKN3NayGx1cKCHibV4Z8mLh.a66mm1mdcwv3Ij9qICUxasyJnxK2zlxfFej3j9ta4Pf5dxj3QmUXVrpHdMsvUK17ddhjLO5pI7S6SshHdS5IgQ0h8J643Mt34Q485gvktRL3d9XeRcljykVI7K74mrf657Vbfrq7b.f3iSiaVzjyrLM0YxA4qpWexm7JQY7F5h.4susXjnlfSHVPc0NBfbyGvJ8KxYJbrUY8qQJ.857mwWrdV946PT6q6CpxqigJxl038aufowv3sRRaVJt9axg33hVXX30Hg1M8InT7dAqj00zp0B.3 additional records for this site. Please contact your EDR Account Executive for more information.

UIC/LAUNDRY BUILDING
931 S HERMITAGE, CHICAGO, IL, S121841181

▲ B7	Target Property 593 ft. Above Sea Level	Local Lists of Registered Storage Tanks

Worksheet:

CHICAGO TANKS: Local Lists of Registered Storage Tanks

Facility ID:	2040216
Name:	UIC/LAUNDRY BUILDING
Address:	931 S HERMITAGE
City:	CHICAGO
State:	IL
Tank Type:	UNDERGROUND STORAGE TANK
Owner:	See Environmental Permit Dataset
Tank ID:	1
Tank Material:	Not Reported
Tank Construction:	Not Reported
Substance:	DIESEL
Tank Capacity:	550
Install Date:	Not Reported
Removal Date:	Not Reported
Last Used Date:	12/31/1969
Comments:	931 S HERMITAGE, REMOVED 05/18/01, Historic data from former Dept. of Environment [Associated Permit Numbers: 106238 106238;]
Data Source:	DEPT. OF PUBLIC HEALTH
Latitude:	Not Reported

UIC/LAUNDRY BUILDING, 931 S HERMITAGE, CHICAGO, IL (Continued)

Longitude: Not Reported

931 S HERMITAGE AVE 931 S HERMITAGE AVE, CHICAGO, IL,		S117532765
▲ B8	Target Property 593 ft. Above Sea Level	Other Ascertainable Records

Worksheet:

CHICAGO INSPECT: Other Ascertainable Records

Name: Not Reported
Address: 931 S HERMITAGE AVE
City,State,Zip: CHICAGO, IL
Inspection ID: DOEINS176057
Modified Date: Not Reported
Inspection Name: UIC/LAUNDRY BUILDING
Inspection Category: TANK COMMENTS
Inspection Sub-Category: Not Reported
Inspector: Not Reported
Inspection Date: 2001-05-18 00:00:00
Data Source: HISTORIC DEPT. OF ENVIRONMENT
Location: Not Reported
Latitude: Not Reported
Longitude: Not Reported

CHICAGO PERMITS: Other Ascertainable Records

Name: Not Reported
Address: 931 S HERMITAGE AVE
City,State,Zip: CHICAGO, IL
Application ID: DOEUST106238
Application Name: UIC/LAUNDRY BUILDING
Application Type: UNDERGROUND STORAGE TANK
Application Sub-Type: REMOVE
Facility Status: CLOSED
Applicant: ANN T NGUYEN
Issue or Entry Date: 2001-05-17 00:00:00
Expiration Date: 11/18/2001
Comments: [CONTRACTOR: TSARPALAS ENTERPRISES INC.] PRE-74 GASOLINE TANK. NOT IN SERVICE.
Data Source: HISTORIC DEPT. OF ENVIRONMENT
Location: Not Reported

LAUNDRY BUILDING 931 S HERMITAGE AVE, CHICAGO, IL, 60612		U003762967
▲ B9	Target Property 593 ft. Above Sea Level	Lists of state and tribal registered storage tanks

MAP FINDINGS

Worksheet:

UST: Lists of state and tribal registered storage tanks

Name:	LAUNDRY BUILDING
Address:	931 S HERMITAGE AVE
City:	CHICAGO
Zip:	60612
Facility ID:	2040216
Facility Status:	EXEMPT
Facility Type:	**NONE**
Owner Id:	U0022907
Owner Name:	University of Illinois at Chicago
Owner Address:	1100 S Morgan St M/C 270
Owner City,St,Zip:	Chicago, IL 60607
Tank Number:	1
Tank Status:	**Removed**
Tank Capacity:	550
Tank Substance:	Gasoline
Last Used Date:	1/1/1969 0
OSFM First Notify Date:	12/18/2000
Red Tag Issue Date:	Not Reported
Install Date:	Not Reported
Green Tag Decal:	Not Reported
Green Tag Issue Date:	Not Reported
Green Tag Expire Date:	Not Reported
Fee Due:	Not Reported
Motor Fuel Permit Inspection Date:	Not Reported
Motor Fuel Permit Expiration Date:	Not Reported
MOTOR FUEL TYPE:	Not Reported
Pending Nov:	N
IEMA:	Not Reported
Equipment Type:	Not Reported
Equipment:	Not Reported
Last Passing Date:	Not Reported
Test Expire Date:	Not Reported
Removed Date:	5/18/2001 0:00
Abandoned Date:	Not Reported

DELAURENTIS TONY 813 S PAULINA, CHICAGO, IL,			1009103184
▲ A10	ESE <1/10	(72 ft. / 0.014 mi.)	EDR Exclusive Records
	Equal Elevation	593 ft. Above Sea Level	

Worksheet:

EDR Hist Auto: EDR Exclusive Records

Year:	Name: / Type:

DELAURENTIS TONY, 813 S PAULINA, CHICAGO, IL (Continued)

1928: DELAURENTIS TONY / AUTOMOBILE REPAIRING

WAH KEE 1708 POLK, CHICAGO, IL,			1009203345
▲ A11	NNE <1/10	(86 ft. / 0.016 mi.)	EDR Exclusive Records
	Equal Elevation	593 ft. Above Sea Level	

Worksheet:

EDR Hist Cleaner: EDR Exclusive Records

Year:	Name: / Type:
1928:	KLEIN MORRIS / CLEANERS GARMENTS CURTAINS AND DRAPERIES
1928:	WAH KEE / LAUNDRIES CHINESE

KAPLAN JACOB 934 S WOOD, CHICAGO, IL,			1009211090
▲ B12	SSW <1/10	(103 ft. / 0.02 mi.)	EDR Exclusive Records
	Equal Elevation	593 ft. Above Sea Level	

Worksheet:

EDR Hist Cleaner: EDR Exclusive Records

Year:	Name: / Type:
1923:	KAPLAN JACOB / CLEANERS ANTD DYERS CONTD

UNIV OF IL CHICAGO ENV SAFETY 912 S PAULINA STREET, CHICAGO, IL, 60612			1032358712
▲ B13	SSE <1/10	(109 ft. / 0.021 mi.)	Other Ascertainable Records
	Equal Elevation	593 ft. Above Sea Level	

Worksheet:

E MANIFEST: Other Ascertainable Records

Manifest Tracking Number:	021319796JJK
Last Updated Date:	20200617
Shipped Date:	20200207
Received Date:	20200227
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	Univ Of Il Chicago Env Safety
Generator Location Street Number:	Not Reported

UNIV OF IL CHICAGO ENV SAFETY, 912 S PAULINA STREET, CHICAGO, IL 60612 (Continued)

Generator Location Street 1:	912 S PAULINA STREET
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	912 S PAULINA STREET
Generator Mail Street 2:	Not Reported
Generator Mail City:	CHICAGO
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro-Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	515
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	LYCASTE ST
Designated Facility Mail City:	DETROIT
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	421
Designated Facility Location Street 1:	LYCASTE ST
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	DETROIT
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	015656611FLE
Last Updated Date:	20210311
Shipped Date:	20201125
Received Date:	20201214
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	Univ Of Il Chicago Env Safety
Generator Location Street Number:	Not Reported
Generator Location Street 1:	912 S PAULINA STREET
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	912 S PAULINA STREET
Generator Mail Street 2:	Not Reported

UNIV OF IL CHICAGO ENV SAFETY, 912 S PAULINA STREET, CHICAGO, IL 60612 (Continued)

Generator Mail City:	CHICAGO
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro-Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	515
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	LYCASTE ST
Designated Facility Mail City:	DETROIT
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	421
Designated Facility Location Street 1:	LYCASTE ST
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	DETROIT
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Transporter:

Manifest Tracking Number:	015656611FLE
Transporter Line Number:	1
Transporter EPA ID:	MNS000110924
Transporter Name:	Clean Earth Specialty Waste Solutions, Inc.

Waste Line:

Manifest Tracking Number:	015656611FLE
Waste Line Number:	1
U.S. DOT Hazardous Indicator:	N
U.S. DOT ID Number:	Not Reported
U.S. DOT Description:	Not Reported
Non-Hazardous Waste Description:	Non Dot Non Rcra Regulated Material
Number of Containers:	2
Container Type Code:	DF
Container Type Description:	Fiberboard or plastic drums, barrels, kegs
Waste Quantity:	221
Quantity Unit of Measure Code:	P
Quantity Unit of Measure Description:	Pounds
Waste Quantity, in Tons:	0.1105
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.1105
Waste Quantity, in Kilograms:	100.22682
Acute Waste Quantity, in Kilograms:	0

UNIV OF IL CHICAGO ENV SAFETY, 912 S PAULINA STREET, CHICAGO, IL 60612 (Continued)

Non-Acute Waste Quantity, in Kilorgrams:	100.22682
Management Method Code:	H141
Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not Reported
Waste Density Unit of Measure Code:	Not Reported
Waste Density Unit of Measure Description:	Not Reported
Form Code:	Not Reported
Form Code Description:	Not Reported
Source Code:	Not Reported
Source Code Description:	Not Reported
Waste Minimization Code:	Not Reported
Waste Minimization Code Description:	Not Reported
Consent Number:	Not Reported
EPA Waste Indicator:	N
Federal Waste Codes:	Not Reported
Quantity Haz Kg:	0
Quantity Haz Tons:	0
Quantity Non Haz Kg:	100.22682
Quantity Non Haz Tons:	0.1105
State Waste Codes:	Not Reported

MICHIGAN DYE HOUSE 912 S PAULINA, CHICAGO, IL,			1009204919
▲ B14	SSE <1/10	(109 ft. / 0.021 mi.)	EDR Exclusive Records
	Equal Elevation	593 ft. Above Sea Level	

Worksheet:

EDR Hist Cleaner: EDR Exclusive Records

Year:	Name: / Type:
1923:	MICHIGAN DYE HOUSE / CLEANERS AND DYERS CONTD
1928:	MICHIGAN DYE HOUSE / CLEANERS GARMENTS CURTAINS AND DRAPERIES

U OF IL - HOSP & HELTH SCIENCES 912 S PAULINA STREET, CHICAGO, IL, 60612			1032351093
▲ B15	SSE <1/10	(109 ft. / 0.021 mi.)	Other Ascertainable Records
	Equal Elevation	593 ft. Above Sea Level	

Worksheet:

E MANIFEST: Other Ascertainable Records

U OF IL - HOSP & HELTH SCIENCES, 912 S PAULINA STREET, CHICAGO, IL 60612 (Continued)

Manifest Tracking Number:	021318354JJK
Last Updated Date:	20210315
Shipped Date:	20200320
Received Date:	20200403
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	U Of Il - Hosp & Helth Sciences
Generator Location Street Number:	Not Reported
Generator Location Street 1:	912 S PAULINA STREET
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	912 S PAULINA STREET
Generator Mail Street 2:	Not Reported
Generator Mail City:	CHICAGO
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro-Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	515
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	LYCASTE ST
Designated Facility Mail City:	DETROIT
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	421
Designated Facility Location Street 1:	LYCASTE ST
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	DETROIT
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Transporter:

Manifest Tracking Number:	021318354JJK
Transporter Line Number:	1
Transporter EPA ID:	MNS000110924
Transporter Name:	Clean Earth Specialty Waste Solutions, Inc.

Waste Line:

U OF IL - HOSP & HELTH SCIENCES, 912 S PAULINA STREET, CHICAGO, IL 60612 (Continued)

Manifest Tracking Number:	021318354JJK
Waste Line Number:	1
U.S. DOT Hazardous Indicator:	N
U.S. DOT ID Number:	Not Reported
U.S. DOT Description:	Not Reported
Non-Hazardous Waste Description:	Non Dot Non Rcra Regulated Material
Number of Containers:	4
Container Type Code:	DF
Container Type Description:	Fiberboard or plastic drums, barrels, kegs
Waste Quantity:	576
Quantity Unit of Measure Code:	P
Quantity Unit of Measure Description:	Pounds
Waste Quantity, in Tons:	0.288
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.288
Waste Quantity, in Kilograms:	261.22464
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	261.22464
Management Method Code:	H141
Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not Reported
Waste Density Unit of Measure Code:	Not Reported
Waste Density Unit of Measure Description:	Not Reported
Form Code:	Not Reported
Form Code Description:	Not Reported
Source Code:	Not Reported
Source Code Description:	Not Reported
Waste Minimization Code:	Not Reported
Waste Minimization Code Description:	Not Reported
Consent Number:	Not Reported
EPA Waste Indicator:	N
Federal Waste Codes:	Not Reported
Quantity Haz Kg:	0
Quantity Haz Tons:	0
Quantity Non Haz Kg:	261.22464
Quantity Non Haz Tons:	0.288
State Waste Codes:	Not Reported

UNIV OF IL-HOSP & HLTH SCIENCES 912 S PAULINA STREET, CHICAGO, IL, 60612		1032358714	
▲ B16	SSE <1/10	(109 ft. / 0.021 mi.)	Other Ascertainable Records
	Equal Elevation	593 ft. Above Sea Level	

Worksheet:

UNIV OF IL-HOSP & HLTH SCIENCES, 912 S PAULINA STREET, CHICAGO, IL 60612 (Continued)

E MANIFEST: Other Ascertainable Records

Manifest Tracking Number:	014626036FLE
Last Updated Date:	20210302
Shipped Date:	20200612
Received Date:	20200629
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	Univ Of Il-Hosp & Hlth Sciences
Generator Location Street Number:	Not Reported
Generator Location Street 1:	912 S PAULINA STREET
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	912 S PAULINA STREET
Generator Mail Street 2:	Not Reported
Generator Mail City:	CHICAGO
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro-Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	515
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	LYCASTE ST
Designated Facility Mail City:	DETROIT
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	421
Designated Facility Location Street 1:	LYCASTE ST
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	DETROIT
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Transporter:

Manifest Tracking Number:	014626036FLE
Transporter Line Number:	1
Transporter EPA ID:	MNS000110924
Transporter Name:	Clean Earth Specialty Waste Solutions, Inc.

UNIV OF IL-HOSP & HLTH SCIENCES, 912 S PAULINA STREET, CHICAGO, IL 60612 (Continued)

Waste Line:

Manifest Tracking Number:	014626036FLE
Waste Line Number:	1
U.S. DOT Hazardous Indicator:	N
U.S. DOT ID Number:	Not Reported
U.S. DOT Description:	Not Reported
Non-Hazardous Waste Description:	Non Dot Non Rcra Regulated Material
Number of Containers:	2
Container Type Code:	DF
Container Type Description:	Fiberboard or plastic drums, barrels, kegs
Waste Quantity:	269
Quantity Unit of Measure Code:	P
Quantity Unit of Measure Description:	Pounds
Waste Quantity, in Tons:	0.1345
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.1345
Waste Quantity, in Kilograms:	121.99554
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	121.99554
Management Method Code:	H141
Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not Reported
Waste Density Unit of Measure Code:	Not Reported
Waste Density Unit of Measure Description:	Not Reported
Form Code:	Not Reported
Form Code Description:	Not Reported
Source Code:	Not Reported
Source Code Description:	Not Reported
Waste Minimization Code:	Not Reported
Waste Minimization Code Description:	Not Reported
Consent Number:	Not Reported
EPA Waste Indicator:	N
Federal Waste Codes:	Not Reported
Quantity Haz Kg:	0
Quantity Haz Tons:	0
Quantity Non Haz Kg:	121.99554
Quantity Non Haz Tons:	0.1345
State Waste Codes:	Not Reported

RXW/U OF IL-HOSP & HLTH SCIE 912 S PAULINA STREET,, CHICAGO, IL, 60612			1032279249
▲ B17	SSE <1/10	(109 ft. / 0.021 mi.)	Other Ascertainable Records
	Equal Elevation	593 ft. Above Sea Level	

MAP FINDINGS

Worksheet:

E MANIFEST: Other Ascertainable Records

Manifest Tracking Number:	024130610JJK
Last Updated Date:	20230126
Shipped Date:	20230104
Received Date:	20230110
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	Rxw/U Of Il-Hosp & Hlth Scie
Generator Location Street Number:	Not Reported
Generator Location Street 1:	912 S PAULINA STREET,
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	912 S Paulina Street,
Generator Mail Street 2:	Not Reported
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 Lycaste St.
Designated Facility Mail City:	Detroit
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	421 Lycaste St.
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Detroit
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	024130887JJK
Last Updated Date:	20230220
Shipped Date:	20230118
Received Date:	20230120
Manifest Status:	Signed
Submission Type:	DataImage5Copy

RXW/U OF IL-HOSP & HLTH SCIE, 912 S PAULINA STREET,, CHICAGO, IL 60612 (Continued)

Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	Rxw/U Of Il-Hosp & Hlth Scie
Generator Location Street Number:	Not Reported
Generator Location Street 1:	912 S PAULINA STREET,
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	912 S Paulina Street,
Generator Mail Street 2:	Not Reported
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 Lycaste St.
Designated Facility Mail City:	Detroit
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	421 Lycaste St.
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Detroit
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	024131387JJK
Last Updated Date:	20220624
Shipped Date:	20220518
Received Date:	20220523
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	Rxw/U Of Il-Hosp & Hlth Scie
Generator Location Street Number:	Not Reported
Generator Location Street 1:	912 S PAULINA STREET,
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL

RXW/U OF IL-HOSP & HLTH SCIE, 912 S PAULINA STREET,, CHICAGO, IL 60612 (Continued)

Generator Location Zip:	60612
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	912 S Paulina Street,
Generator Mail Street 2:	Not Reported
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 Lycaste St.
Designated Facility Mail City:	Detroit
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	421 Lycaste St.
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Detroit
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	024133016JJK
Last Updated Date:	20220624
Shipped Date:	20220525
Received Date:	20220603
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	Rxw/U Of Il-Hosp & Hlth Scie
Generator Location Street Number:	Not Reported
Generator Location Street 1:	912 S PAULINA STREET,
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	912 S Paulina Street,
Generator Mail Street 2:	Not Reported
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported

RXW/U OF IL-HOSP & HLTH SCIE, 912 S PAULINA STREET,, CHICAGO, IL 60612 (Continued)

Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 Lycaste St.
Designated Facility Mail City:	Detroit
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	421 Lycaste St.
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Detroit
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	024133154JJK
Last Updated Date:	20220803
Shipped Date:	20220601
Received Date:	20220606
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	Rxw/U Of Il-Hosp & Hlth Scie
Generator Location Street Number:	Not Reported
Generator Location Street 1:	912 S PAULINA STREET,
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	912 S Paulina Street,
Generator Mail Street 2:	Not Reported
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 Lycaste St.
Designated Facility Mail City:	Detroit
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI

RXW/U OF IL-HOSP & HLTH SCIE, 912 S PAULINA STREET,, CHICAGO, IL 60612 (Continued)

Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	421 Lycaste St.
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Detroit
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	024133295JJK
Last Updated Date:	20220803
Shipped Date:	20220608
Received Date:	20220615
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	Rxw/U Of Il-Hosp & Hlth Scie
Generator Location Street Number:	Not Reported
Generator Location Street 1:	912 S PAULINA STREET,
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	912 S Paulina Street,
Generator Mail Street 2:	Not Reported
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 Lycaste St.
Designated Facility Mail City:	Detroit
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	421 Lycaste St.
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Detroit
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported

RXW/U OF IL-HOSP & HLTH SCIE, 912 S PAULINA STREET,, CHICAGO, IL 60612 (Continued)

Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	024133469JJK
Last Updated Date:	20220803
Shipped Date:	20220615
Received Date:	20220622
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	Rxw/U Of Il-Hosp & Hlth Scie
Generator Location Street Number:	Not Reported
Generator Location Street 1:	912 S PAULINA STREET,
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	912 S Paulina Street,
Generator Mail Street 2:	Not Reported
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 Lycaste St.
Designated Facility Mail City:	Detroit
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	421 Lycaste St.
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Detroit
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	024140590JJK
Last Updated Date:	20230109
Shipped Date:	20221207
Received Date:	20221219
Manifest Status:	Signed
Submission Type:	DataImage5Copy

RXW/U OF IL-HOSP & HLTH SCIE, 912 S PAULINA STREET,, CHICAGO, IL 60612 (Continued)

Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	Rxw/U Of Il-Hosp & Hlth Scie
Generator Location Street Number:	Not Reported
Generator Location Street 1:	912 S PAULINA STREET,
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	912 S Paulina Street,
Generator Mail Street 2:	Not Reported
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 Lycaste St.
Designated Facility Mail City:	Detroit
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	421 Lycaste St.
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Detroit
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	024140737JJK
Last Updated Date:	20230109
Shipped Date:	20221214
Received Date:	20221220
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	Rxw/U Of Il-Hosp & Hlth Scie
Generator Location Street Number:	Not Reported
Generator Location Street 1:	912 S PAULINA STREET,
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL

RXW/U OF IL-HOSP & HLTH SCIE, 912 S PAULINA STREET,, CHICAGO, IL 60612 (Continued)

Generator Location Zip:	60612
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	912 S Paulina Street,
Generator Mail Street 2:	Not Reported
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 Lycaste St.
Designated Facility Mail City:	Detroit
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	421 Lycaste St.
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Detroit
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	024140877JJK
Last Updated Date:	20230126
Shipped Date:	20221221
Received Date:	20230106
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	Rxw/U Of Il-Hosp & Hlth Scie
Generator Location Street Number:	Not Reported
Generator Location Street 1:	912 S PAULINA STREET,
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	912 S Paulina Street,
Generator Mail Street 2:	Not Reported
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported

RXW/U OF IL-HOSP & HLTH SCIE, 912 S PAULINA STREET,, CHICAGO, IL 60612 (Continued)

Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 Lycaste St.
Designated Facility Mail City:	Detroit
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	421 Lycaste St.
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Detroit
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	024141099JJK
Last Updated Date:	20220803
Shipped Date:	20220623
Received Date:	20220701
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	Rxw/U Of Il-Hosp & Hlth Scie
Generator Location Street Number:	Not Reported
Generator Location Street 1:	912 S PAULINA STREET,
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	912 S Paulina Street,
Generator Mail Street 2:	Not Reported
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 Lycaste St.
Designated Facility Mail City:	Detroit
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI

RXW/U OF IL-HOSP & HLTH SCIE, 912 S PAULINA STREET,, CHICAGO, IL 60612 (Continued)

Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	421 Lycaste St.
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Detroit
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Transporter:

Manifest Tracking Number:	024141255JJK
Transporter Line Number:	1
Transporter EPA ID:	MNS000110924
Transporter Name:	Clean Earth Specialty Waste Solutions

Waste Line:

Manifest Tracking Number:	024141255JJK
Waste Line Number:	1
U.S. DOT Hazardous Indicator:	Y
U.S. DOT ID Number:	UN3248
U.S. DOT Description:	Un3248 Waste Medicine, Liquid, Flammable, Toxic, N.O.S. (Alcohols, Cresols) Ii 3 6.1
Non-Hazardous Waste Description:	Not Reported
Number of Containers:	5
Container Type Code:	DF
Container Type Description:	Fiberboard or plastic drums, barrels, kegs
Waste Quantity:	710
Quantity Unit of Measure Code:	P
Quantity Unit of Measure Description:	Pounds
Waste Quantity, in Tons:	0.355
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.355
Waste Quantity, in Kilograms:	321.99564
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	321.99564
Management Method Code:	H141
Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not Reported
Waste Density Unit of Measure Code:	Not Reported
Waste Density Unit of Measure Description:	Not Reported
Form Code:	Not Reported
Form Code Description:	Not Reported
Source Code:	Not Reported

RXW/U OF IL-HOSP & HLTH SCIE, 912 S PAULINA STREET,, CHICAGO, IL 60612 (Continued)

Source Code Description:	Not Reported
Waste Minimization Code:	Not Reported
Waste Minimization Code Description:	Not Reported
Consent Number:	Not Reported
EPA Waste Indicator:	Y
Federal Waste Codes:	D001, D005, D007, D009, D010, PHRM
Quantity Haz Kg:	321.99564
Quantity Haz Tons:	0.355
Quantity Non Haz Kg:	0
Quantity Non Haz Tons:	0
State Waste Codes:	Not Reported

The Click here to access 30 additional US EManifest: record(s) in the EDR Site Report. database contains http://www.edrnet.com/srf2/FinalSiteReport.aspx?ID=6HIh638kHejII6b7hay03eJF3XfP8GKbk.mdAqxJef3aj3XHI7jp51oM6ESkbgR47g4531X.aoREym190ODy4.YweyB6JkWoF49t3oebXOGTfl3APfYc49G6G1siK8YfbUrO4.5k.KqsmIMtdRZeCQqsqYf.xPYBJxNU6qW6HXdNI.A8hSEi3l9p30aC8pnbk4Ak9i9XeFssjVEQItfT3tqF6ka4bgRY71.F4NxDakhAyfNd0BQY4thdeiAmJp7mFjEe5TAWX1ZofJzmPcx95RkcGhJ4KWhHbpbN9C5c.ZxWmJtTdyEr6Zw.HjV0Ip0xh9zX4mCD3ePJ8XFFka.C3yK3e3T1jCYaI6X0BMx06aktbzDB7MTD54NlaM90yTfk01qJ5rOLeY1aJ8QiF6Gy375aXhjpf9TLPOKN3NayGx1cKCHibV4Z8mLh.a66mm1mdcwv3lj9qICUxasyJnxK2zlxfFej3j9ta4Pf5dxj3QmUXVrpHdMsvUK17ddhjLO5pI7S6SshHdS5IgQ0h8J643Mt34Q485gvktRL3d9XeRcljykVI7K74mrf657Vbfrq7b.f3iSiaVzjyrLM0YxA6qpWexm7JQY7F5h.5susXjnlfSHVPc0N5fbyGvJ8KxYJbrUYAqQJ.857mwWrdV94CPT6q6CpxqigJxI058aufowv3sRRaVJt7axg33hVXX30Hg1MCInT7dAqj00zp0B.3 additional records for this site. Please contact your EDR Account Executive for more information.

UNIVERSITY OF ILLINOIS HOSPITAL 912 S PAULINA ST, CHICAGO, IL, 60612			1032359832
▲ B18	SSE <1/10	(109 ft. / 0.021 mi.)	Other Ascertainable Records
	Equal Elevation	593 ft. Above Sea Level	

Worksheet:

E MANIFEST: Other Ascertainable Records

Manifest Tracking Number:	015328328FLE
Last Updated Date:	20210311
Shipped Date:	20200807
Received Date:	20200827
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	University Of Illinois Hospital
Generator Location Street Number:	Not Reported
Generator Location Street 1:	912 S PAULINA ST
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	912 S Paulina St
Generator Mail Street 2:	Not Reported
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported

UNIVERSITY OF ILLINOIS HOSPITAL, 912 S PAULINA ST, CHICAGO, IL 60612 (Continued)

Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro-Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	515
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	LYCASTE ST
Designated Facility Mail City:	DETROIT
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	421
Designated Facility Location Street 1:	LYCASTE ST
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	DETROIT
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Transporter:

Manifest Tracking Number:	015328328FLE
Transporter Line Number:	1
Transporter EPA ID:	MNS000110924
Transporter Name:	Stericycle Specialty Waste Solutions, Inc.

Waste Line:

Manifest Tracking Number:	015328328FLE
Waste Line Number:	1
U.S. DOT Hazardous Indicator:	N
U.S. DOT ID Number:	Not Reported
U.S. DOT Description:	Not Reported
Non-Hazardous Waste Description:	Non-Rcra/Non-Dot Regulated Material (Formalin)
Number of Containers:	1
Container Type Code:	DF
Container Type Description:	Fiberboard or plastic drums, barrels, kegs
Waste Quantity:	55
Quantity Unit of Measure Code:	G
Quantity Unit of Measure Description:	Gallons
Waste Quantity, in Tons:	0.2293578
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.2293578
Waste Quantity, in Kilograms:	208.03441
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	208.03441
Management Method Code:	H141
Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator:	N

UNIVERSITY OF ILLINOIS HOSPITAL, 912 S PAULINA ST, CHICAGO, IL 60612 (Continued)

Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not Reported
Waste Density Unit of Measure Code:	Not Reported
Waste Density Unit of Measure Description:	Not Reported
Form Code:	Not Reported
Form Code Description:	Not Reported
Source Code:	Not Reported
Source Code Description:	Not Reported
Waste Minimization Code:	Not Reported
Waste Minimization Code Description:	Not Reported
Consent Number:	Not Reported
EPA Waste Indicator:	N
Federal Waste Codes:	Not Reported
Quantity Haz Kg:	0
Quantity Haz Tons:	0
Quantity Non Haz Kg:	208.03441
Quantity Non Haz Tons:	0.2293578
State Waste Codes:	Not Reported

RXW/U OF IL HOSP & HLTH SCIE 912 S PAULINA ST, CHICAGO, IL, 60612			1032279248
▲ B19	SSE <1/10	(109 ft. / 0.021 mi.)	Other Ascertainable Records
	Equal Elevation	593 ft. Above Sea Level	

Worksheet:

E MANIFEST: Other Ascertainable Records

Manifest Tracking Number:	023703949JJK
Last Updated Date:	20230930
Shipped Date:	20220427
Received Date:	20220506
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	Rxw/U Of Il Hosp & Hlth Scie
Generator Location Street Number:	Not Reported
Generator Location Street 1:	912 S PAULINA ST
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	912 S Paulina St
Generator Mail Street 2:	Not Reported
Generator Mail City:	Chicago

RXW/U OF IL HOSP & HLTH SCIE, 912 S PAULINA ST, CHICAGO, IL 60612 (Continued)

Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 Lycaste St.
Designated Facility Mail City:	Detroit
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	421 Lycaste St.
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Detroit
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	024130751JJK
Last Updated Date:	20230602
Shipped Date:	20230111
Received Date:	20230127
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	Rxw/U Of Il Hosp & Hlth Scie
Generator Location Street Number:	Not Reported
Generator Location Street 1:	912 S PAULINA ST
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	912 S Paulina St
Generator Mail Street 2:	Not Reported
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 Lycaste St.

RXW/U OF IL HOSP & HLTH SCIE, 912 S PAULINA ST, CHICAGO, IL 60612 (Continued)

Designated Facility Mail City:	Detroit
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	421 Lycaste St.
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Detroit
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	018149068FLE
Last Updated Date:	20230602
Shipped Date:	20230215
Received Date:	20230303
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	Rxw/U Of Il Hosp & Hlth Scie
Generator Location Street Number:	Not Reported
Generator Location Street 1:	912 S PAULINA ST
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	912 S Paulina St
Generator Mail Street 2:	Not Reported
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 Lycaste St.
Designated Facility Mail City:	Detroit
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	421 Lycaste St.
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Detroit
Designated Facility Location Zip:	48214

RXW/U OF IL HOSP & HLTH SCIE, 912 S PAULINA ST, CHICAGO, IL 60612 (Continued)

Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	018149887FLE
Last Updated Date:	20230331
Shipped Date:	20230322
Received Date:	20230324
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	Rxw/U Of Il Hosp & Hlth Scie
Generator Location Street Number:	Not Reported
Generator Location Street 1:	912 S PAULINA ST
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	912 S Paulina St
Generator Mail Street 2:	Not Reported
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 Lycaste St.
Designated Facility Mail City:	Detroit
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	421 Lycaste St.
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Detroit
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	018150027FLE
Last Updated Date:	20230414
Shipped Date:	20230329

RXW/U OF IL HOSP & HLTH SCIE, 912 S PAULINA ST, CHICAGO, IL 60612 (Continued)

Received Date:	20230406
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	Rxw/U Of Il Hosp & Hlth Scie
Generator Location Street Number:	Not Reported
Generator Location Street 1:	912 S PAULINA ST
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	912 S Paulina St
Generator Mail Street 2:	Not Reported
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 Lycaste St.
Designated Facility Mail City:	Detroit
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	421 Lycaste St.
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Detroit
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	018150144FLE
Last Updated Date:	20230909
Shipped Date:	20230816
Received Date:	20230822
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	Rxw/U Of Il Hosp & Hlth Scie
Generator Location Street Number:	Not Reported
Generator Location Street 1:	912 S PAULINA ST

RXW/U OF IL HOSP & HLTH SCIE, 912 S PAULINA ST, CHICAGO, IL 60612 (Continued)

Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	912 S Paulina St
Generator Mail Street 2:	Not Reported
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 Lycaste St.
Designated Facility Mail City:	Detroit
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	421 Lycaste St.
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Detroit
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	018150294FLE
Last Updated Date:	20230909
Shipped Date:	20230823
Received Date:	20230829
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	Rxw/U Of Il Hosp & Hlth Scie
Generator Location Street Number:	Not Reported
Generator Location Street 1:	912 S PAULINA ST
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	912 S Paulina St
Generator Mail Street 2:	Not Reported
Generator Mail City:	Chicago

RXW/U OF IL HOSP & HLTH SCIE, 912 S PAULINA ST, CHICAGO, IL 60612 (Continued)

Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 Lycaste St.
Designated Facility Mail City:	Detroit
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	421 Lycaste St.
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Detroit
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	018150438FLE
Last Updated Date:	20230918
Shipped Date:	20230830
Received Date:	20230906
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	Rxw/U Of Il Hosp & Hlth Scie
Generator Location Street Number:	Not Reported
Generator Location Street 1:	912 S PAULINA ST
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	912 S Paulina St
Generator Mail Street 2:	Not Reported
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 Lycaste St.

RXW/U OF IL HOSP & HLTH SCIE, 912 S PAULINA ST, CHICAGO, IL 60612 (Continued)

Designated Facility Mail City:	Detroit
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	421 Lycaste St.
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Detroit
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	018150561FLE
Last Updated Date:	20230930
Shipped Date:	20230906
Received Date:	20230912
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	Rxw/U Of Il Hosp & Hlth Scie
Generator Location Street Number:	Not Reported
Generator Location Street 1:	912 S PAULINA ST
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	912 S Paulina St
Generator Mail Street 2:	Not Reported
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 Lycaste St.
Designated Facility Mail City:	Detroit
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	421 Lycaste St.
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Detroit
Designated Facility Location Zip:	48214

RXW/U OF IL HOSP & HLTH SCIE, 912 S PAULINA ST, CHICAGO, IL 60612 (Continued)

Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	018150727FLE
Last Updated Date:	20230615
Shipped Date:	20230607
Received Date:	20230612
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	Rxw/U Of Il Hosp & Hlth Scie
Generator Location Street Number:	Not Reported
Generator Location Street 1:	912 S PAULINA ST
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	912 S Paulina St
Generator Mail Street 2:	Not Reported
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 Lycaste St.
Designated Facility Mail City:	Detroit
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	421 Lycaste St.
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Detroit
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	018150879FLE
Last Updated Date:	20230627
Shipped Date:	20230614

RXW/U OF IL HOSP & HLTH SCIE, 912 S PAULINA ST, CHICAGO, IL 60612 (Continued)

Received Date:	20230620
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	Rxw/U Of Il Hosp & Hlth Scie
Generator Location Street Number:	Not Reported
Generator Location Street 1:	912 S PAULINA ST
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	912 S Paulina St
Generator Mail Street 2:	Not Reported
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 Lycaste St.
Designated Facility Mail City:	Detroit
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	421 Lycaste St.
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Detroit
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Transporter:

Manifest Tracking Number:	018151012FLE
Transporter Line Number:	1
Transporter EPA ID:	MNS000110924
Transporter Name:	Clean Earth Specialty Waste Solutions

Waste Line:

Manifest Tracking Number:	018151012FLE
Waste Line Number:	1
U.S. DOT Hazardous Indicator:	Y

RXW/U OF IL HOSP & HLTH SCIE, 912 S PAULINA ST, CHICAGO, IL 60612 (Continued)

U.S. DOT ID Number:	UN3248
U.S. DOT Description:	Un3248 Waste Medicine, Liquid, Flammable, Toxic, N.O.S. (Alcohols, Cresols) Ii 3 6.1 Dot Sp-8445
Non-Hazardous Waste Description:	Not Reported
Number of Containers:	5
Container Type Code:	DF
Container Type Description:	Fiberboard or plastic drums, barrels, kegs
Waste Quantity:	890
Quantity Unit of Measure Code:	P
Quantity Unit of Measure Description:	Pounds
Waste Quantity, in Tons:	0.445
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.445
Waste Quantity, in Kilograms:	403.62836
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	403.62836
Management Method Code:	H141
Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not Reported
Waste Density Unit of Measure Code:	Not Reported
Waste Density Unit of Measure Description:	Not Reported
Form Code:	Not Reported
Form Code Description:	Not Reported
Source Code:	Not Reported
Source Code Description:	Not Reported
Waste Minimization Code:	Not Reported
Waste Minimization Code Description:	Not Reported
Consent Number:	Not Reported
EPA Waste Indicator:	Y
Federal Waste Codes:	D001, D007, D009, D010, D018, PHRM
Quantity Haz Kg:	403.62836
Quantity Haz Tons:	0.445
Quantity Non Haz Kg:	Not Reported
Quantity Non Haz Tons:	Not Reported
State Waste Codes:	Not Reported

The Click here to access 23 additional US EManifest: record(s) in the EDR Site Report. database contains http://www.edrnet.com/srf2/FinalSiteReport.aspx?ID=6HIh638kHejII6b7hay03eJF3XfP8GKbk.mdAqxJef3aj3XHI7jp51oM6ESkbgR47g4531X.aoREym190ODy4.YweyB6JkWoF49t3oebXOGTfl3APfYc49G6G1siK8YfbUrO4.5k.KqsmIMtdRZeCQqsqYf.xPYBJxNU6qW6HXdNI.A8hSEi3l9p30aC8pnbk4Ak9i9XeFssjVEQItfT3tqF6ka4bgRY71.F4NxDakhAyfNd0BQY4thdeiAmJp7mFjEe5TAWX1ZofJzmPcx95RkcGhJ4KWhHbpbN9C5c.ZxWmJtTdyEr6Zw.HjV0Ip0xh9zX4mCD3ePJ8XFFka.C3yK3e3T1jCYaI6X0BMx06aktbzDB7MTD54NlaM90yTfk01qJ5rOLeY1aJ8QiF6Gy375aXhjpf9TLPOKN3NayGx1cKCHibV4Z8mLh.a66mm1mdcwv3lj9qICUxasyJnxK2zlxfFej3j9ta4Pf5dxj3QmUXVrpHdMsvUK17ddhjLO5pI7S6SshHdS5IgQ0h8J643Mt34Q485gvktRL3d9XeRcljykVI7K74mrf657Vbfrq7b.f3iSiaVzjyrLM0YxA6qpWexm7JQY7F5h.5susXjnlfSHVPc0N5fbyGvJ8KxYJbrUYAqQJ.857mwWrdV94CPT6q6CpxqigJxI058aufowv3sRRaVJt7axg33hVXX30Hg1MBInT7dAqj00zp0B.3 additional records for this site. Please contact your EDR Account Executive for more information.

U OF IL-HOSP & HLTH SCIENCES
912 S PAULINA STREET,, CHICAGO, IL, 60612 **1032351098**

MAP FINDINGS

▲ B20	SSE <1/10	(109 ft. / 0.021 mi.)	Other Ascertainable Records
	Equal Elevation	593 ft. Above Sea Level	

Worksheet:

E MANIFEST: Other Ascertainable Records

Manifest Tracking Number:	023703040JJK
Last Updated Date:	20220207
Shipped Date:	20211229
Received Date:	20220114
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	U Of Il-Hosp & Hlth Sciences
Generator Location Street Number:	Not Reported
Generator Location Street 1:	912 S PAULINA STREET,
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	912 S Paulina Street,
Generator Mail Street 2:	Not Reported
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 Lycaste St.
Designated Facility Mail City:	Detroit
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	421 Lycaste St.
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Detroit
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	023703105JJK
Last Updated Date:	20220211

U OF IL-HOSP & HLTH SCIENCES, 912 S PAULINA STREET,, CHICAGO, IL 60612 (Continued)

Shipped Date:	20220105
Received Date:	20220121
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	U Of Il-Hosp & Hlth Sciences
Generator Location Street Number:	Not Reported
Generator Location Street 1:	912 S PAULINA STREET,
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	912 S Paulina Street,
Generator Mail Street 2:	Not Reported
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 Lycaste St.
Designated Facility Mail City:	Detroit
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	421 Lycaste St.
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Detroit
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	023703308JJK
Last Updated Date:	20220211
Shipped Date:	20220112
Received Date:	20220127
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	U Of Il-Hosp & Hlth Sciences
Generator Location Street Number:	Not Reported

U OF IL-HOSP & HLTH SCIENCES, 912 S PAULINA STREET,, CHICAGO, IL 60612 (Continued)

Generator Location Street 1:	912 S PAULINA STREET,
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	912 S Paulina Street,
Generator Mail Street 2:	Not Reported
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 Lycaste St.
Designated Facility Mail City:	Detroit
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	421 Lycaste St.
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Detroit
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	023703470JJK
Last Updated Date:	20220221
Shipped Date:	20220119
Received Date:	20220205
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	U Of Il-Hosp & Hlth Sciences
Generator Location Street Number:	Not Reported
Generator Location Street 1:	912 S PAULINA STREET,
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	912 S Paulina Street,
Generator Mail Street 2:	Not Reported

U OF IL-HOSP & HLTH SCIENCES, 912 S PAULINA STREET,, CHICAGO, IL 60612 (Continued)

Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 Lycaste St.
Designated Facility Mail City:	Detroit
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	421 Lycaste St.
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Detroit
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	023703635JJK
Last Updated Date:	20220803
Shipped Date:	20220413
Received Date:	20220421
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	U Of Il-Hosp & Hlth Sciences
Generator Location Street Number:	Not Reported
Generator Location Street 1:	912 S PAULINA STREET,
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	912 S Paulina Street,
Generator Mail Street 2:	Not Reported
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported

U OF IL-HOSP & HLTH SCIENCES, 912 S PAULINA STREET,, CHICAGO, IL 60612 (Continued)

Designated Facility Mail Street 2:	421 Lycaste St.
Designated Facility Mail City:	Detroit
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	421 Lycaste St.
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Detroit
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	023703809JJK
Last Updated Date:	20220624
Shipped Date:	20220420
Received Date:	20220427
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	U Of Il-Hosp & Hlth Sciences
Generator Location Street Number:	Not Reported
Generator Location Street 1:	912 S PAULINA STREET,
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	912 S Paulina Street,
Generator Mail Street 2:	Not Reported
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 Lycaste St.
Designated Facility Mail City:	Detroit
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	421 Lycaste St.
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Detroit

U OF IL-HOSP & HLTH SCIENCES, 912 S PAULINA STREET,, CHICAGO, IL 60612 (Continued)

Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	023704355JJK
Last Updated Date:	20220117
Shipped Date:	20211201
Received Date:	20211217
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	U Of Il-Hosp & Hlth Sciences
Generator Location Street Number:	Not Reported
Generator Location Street 1:	912 S PAULINA STREET,
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	912 S Paulina Street,
Generator Mail Street 2:	Not Reported
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 Lycaste St.
Designated Facility Mail City:	Detroit
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	421 Lycaste St.
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Detroit
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	023704528JJK
Last Updated Date:	20220303

U OF IL-HOSP & HLTH SCIENCES, 912 S PAULINA STREET,, CHICAGO, IL 60612 (Continued)

Shipped Date:	20220209
Received Date:	20220217
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	U Of Il-Hosp & Hlth Sciences
Generator Location Street Number:	Not Reported
Generator Location Street 1:	912 S PAULINA STREET,
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	912 S Paulina Street,
Generator Mail Street 2:	Not Reported
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 Lycaste St.
Designated Facility Mail City:	Detroit
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	421 Lycaste St.
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Detroit
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	023704689JJK
Last Updated Date:	20220321
Shipped Date:	20220216
Received Date:	20220225
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	U Of Il-Hosp & Hlth Sciences
Generator Location Street Number:	Not Reported

U OF IL-HOSP & HLTH SCIENCES, 912 S PAULINA STREET,, CHICAGO, IL 60612 (Continued)

Generator Location Street 1:	912 S PAULINA STREET,
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	912 S Paulina Street,
Generator Mail Street 2:	Not Reported
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 Lycaste St.
Designated Facility Mail City:	Detroit
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	421 Lycaste St.
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Detroit
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	023704874JJK
Last Updated Date:	20220321
Shipped Date:	20220223
Received Date:	20220303
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	U Of Il-Hosp & Hlth Sciences
Generator Location Street Number:	Not Reported
Generator Location Street 1:	912 S PAULINA STREET,
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	912 S Paulina Street,
Generator Mail Street 2:	Not Reported

U OF IL-HOSP & HLTH SCIENCES, 912 S PAULINA STREET,, CHICAGO, IL 60612 (Continued)

Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 Lycaste St.
Designated Facility Mail City:	Detroit
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	421 Lycaste St.
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Detroit
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	024131093JJK
Last Updated Date:	20220624
Shipped Date:	20220503
Received Date:	20220511
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	U Of Il-Hosp & Hlth Sciences
Generator Location Street Number:	Not Reported
Generator Location Street 1:	912 S PAULINA STREET,
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	912 S Paulina Street,
Generator Mail Street 2:	Not Reported
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported

U OF IL-HOSP & HLTH SCIENCES, 912 S PAULINA STREET,, CHICAGO, IL 60612 (Continued)

Designated Facility Mail Street 2:	421 Lycaste St.
Designated Facility Mail City:	Detroit
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	421 Lycaste St.
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Detroit
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Transporter:

Manifest Tracking Number:	024131243JJK
Transporter Line Number:	1
Transporter EPA ID:	MNS000110924
Transporter Name:	Clean Earth Specialty Waste Solutions

Waste Line:

Manifest Tracking Number:	024131243JJK
Waste Line Number:	1
U.S. DOT Hazardous Indicator:	Y
U.S. DOT ID Number:	UN3248
U.S. DOT Description:	Un3248 Waste Medicine, Liquid, Flammable, Toxic, N.O.S. (Alcohols, Cresols) Ii 3 6.1
Non-Hazardous Waste Description:	Not Reported
Number of Containers:	3
Container Type Code:	DF
Container Type Description:	Fiberboard or plastic drums, barrels, kegs
Waste Quantity:	388
Quantity Unit of Measure Code:	P
Quantity Unit of Measure Description:	Pounds
Waste Quantity, in Tons:	0.194
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.194
Waste Quantity, in Kilograms:	175.96384
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	175.96384
Management Method Code:	H141
Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not Reported
Waste Density Unit of Measure Code:	Not Reported

U OF IL-HOSP & HLTH SCIENCES, 912 S PAULINA STREET,, CHICAGO, IL 60612 (Continued)

Waste Density Unit of Measure Description:	Not Reported
Form Code:	Not Reported
Form Code Description:	Not Reported
Source Code:	Not Reported
Source Code Description:	Not Reported
Waste Minimization Code:	Not Reported
Waste Minimization Code Description:	Not Reported
Consent Number:	Not Reported
EPA Waste Indicator:	Y
Federal Waste Codes:	D001, D005, D007, D009, D010, PHRM
Quantity Haz Kg:	175.96384
Quantity Haz Tons:	0.194
Quantity Non Haz Kg:	0
Quantity Non Haz Tons:	0
State Waste Codes:	Not Reported

The Click here to access 11 additional US EManifest: record(s) in the EDR Site Report. database contains http://www.edrnet.com/srf2/FinalSiteReport.aspx?ID=6HIh638kHejII6b7hay03eJF3XfP8GKbk.mdAqxJef3aj3XHI7jp51oM6ESkbgR47g4531X.aoREym190ODy4.YweyB6JkWoF49t3oebXOGTfl3APfYc49G6G1siK8YfbUrO4.5k.KqsmIMtdRZeCQqsqYf.xPYBJxNU6qW6HXdNI.A8hSEi3l9p30aC8pnbk4Ak9i9XeFssjVEQItfT3tqF6ka4bgRY71.F4NxDakhAyfNd0BQY4thdeiAmJp7mFjEe5TAWX1ZofJzmPcx95RkcGhJ4KWhHbpbN9C5c.ZxWmJtTdyEr6Zw.HjV0Ip0xh9zX4mCD3ePJ8XFFka.C3yK3e3T1jCYaI6X0BMx06aktbzDB7MTD54NlaM90yTfk01qJ5rOLeY1aJ8QiF6Gy375aXhjpf9TLPOKN3NayGx1cKCHibV4Z8mLh.a66mm1mdcwv3Ij9qICUxasyJnxK2zlxfFej3j9ta4Pf5dxj3QmUXVrpHdMsvUK17ddhjLO5pI7S6SshHdS5IgQ0h8J643Mt34Q485gvktRL3d9XeRcljykVI7K74mrf657Vbfrq7b.f3iSiaVzjyrLM0YxA6qpWexm7JQY7F5h.5susXjnlfSHVPc0N6fbyGvJ8KxYJbrUY8qQJ.857mwWrdV944PT6q6CpxqigJxl038aufowv3sRRaVJtCaxg33hVXX30Hg1MBInT7dAqj00zp0B.3 additional records for this site. Please contact your EDR Account Executive for more information.

U OF IL-HOSP & HLTH SCIENCES 912 S PAULINA STREET, CHICAGO, IL, 60612			1032351099
▲ B21	SSE <1/10	(109 ft. / 0.021 mi.)	Other Ascertainable Records
	Equal Elevation	593 ft. Above Sea Level	

Worksheet:

E MANIFEST: Other Ascertainable Records

Manifest Tracking Number:	021320583JJK
Last Updated Date:	20200421
Shipped Date:	20200228
Received Date:	20200320
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	U Of Il-Hosp & Hlth Sciences
Generator Location Street Number:	Not Reported
Generator Location Street 1:	912 S PAULINA STREET
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	912 S Paulina Street

U OF IL-HOSP & HLTH SCIENCES, 912 S PAULINA STREET, CHICAGO, IL 60612 (Continued)

Generator Mail Street 2:	Not Reported
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 Lycaste St.
Designated Facility Mail City:	Detroit
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	421 Lycaste St.
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Detroit
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	021320853JJK
Last Updated Date:	20200506
Shipped Date:	20200306
Received Date:	20200326
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	U Of Il-Hosp & Hlth Sciences
Generator Location Street Number:	Not Reported
Generator Location Street 1:	912 S PAULINA STREET
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	912 S Paulina Street
Generator Mail Street 2:	Not Reported
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	Not Reported

U OF IL-HOSP & HLTH SCIENCES, 912 S PAULINA STREET, CHICAGO, IL 60612 (Continued)

Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 Lycaste St.
Designated Facility Mail City:	Detroit
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	421 Lycaste St.
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Detroit
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	021320854JJK
Last Updated Date:	20200429
Shipped Date:	20200306
Received Date:	20200326
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	U Of Il-Hosp & Hlth Sciences
Generator Location Street Number:	Not Reported
Generator Location Street 1:	912 S PAULINA STREET
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	912 S Paulina Street
Generator Mail Street 2:	Not Reported
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 Lycaste St.
Designated Facility Mail City:	Detroit
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	421 Lycaste St.
Designated Facility Location Street 2:	Not Reported

U OF IL-HOSP & HLTH SCIENCES, 912 S PAULINA STREET, CHICAGO, IL 60612 (Continued)

Designated Facility Location City:	Detroit
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	021320855JJK
Last Updated Date:	20200429
Shipped Date:	20200306
Received Date:	20200326
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	U Of Il-Hosp & Hlth Sciences
Generator Location Street Number:	Not Reported
Generator Location Street 1:	912 S PAULINA STREET
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	912 S Paulina Street
Generator Mail Street 2:	Not Reported
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 Lycaste St.
Designated Facility Mail City:	Detroit
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	421 Lycaste St.
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Detroit
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	020109802JJK

U OF IL-HOSP & HLTH SCIENCES, 912 S PAULINA STREET, CHICAGO, IL 60612 (Continued)

Last Updated Date:	20190412
Shipped Date:	20190118
Received Date:	20190131
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	U Of Il-Hosp & Hlth Sciences
Generator Location Street Number:	Not Reported
Generator Location Street 1:	912 S PAULINA STREET
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	912 S Paulina Street
Generator Mail Street 2:	Not Reported
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 Lycaste St.
Designated Facility Mail City:	Detroit
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	421 Lycaste St.
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Detroit
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	020110046JJK
Last Updated Date:	20190528
Shipped Date:	20190208
Received Date:	20190221
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	U Of Il-Hosp & Hlth Sciences

U OF IL-HOSP & HLTH SCIENCES, 912 S PAULINA STREET, CHICAGO, IL 60612 (Continued)

Generator Location Street Number:	Not Reported
Generator Location Street 1:	912 S PAULINA STREET
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	912 S Paulina Street
Generator Mail Street 2:	Not Reported
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 Lycaste St.
Designated Facility Mail City:	Detroit
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	421 Lycaste St.
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Detroit
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	023704035JJK
Last Updated Date:	20220104
Shipped Date:	20211117
Received Date:	20211204
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	U Of Il-Hosp & Hlth Sciences
Generator Location Street Number:	Not Reported
Generator Location Street 1:	912 S PAULINA STREET
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	912 S Paulina Street

U OF IL-HOSP & HLTH SCIENCES, 912 S PAULINA STREET, CHICAGO, IL 60612 (Continued)

Generator Mail Street 2:	Not Reported
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 Lycaste St.
Designated Facility Mail City:	Detroit
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	421 Lycaste St.
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Detroit
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	023704036JJK
Last Updated Date:	20220104
Shipped Date:	20211117
Received Date:	20211204
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	U Of Il-Hosp & Hlth Sciences
Generator Location Street Number:	Not Reported
Generator Location Street 1:	912 S PAULINA STREET
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	912 S Paulina Street
Generator Mail Street 2:	Not Reported
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	Not Reported

U OF IL-HOSP & HLTH SCIENCES, 912 S PAULINA STREET, CHICAGO, IL 60612 (Continued)

Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 Lycaste St.
Designated Facility Mail City:	Detroit
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	421 Lycaste St.
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Detroit
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	023704191JJK
Last Updated Date:	20220104
Shipped Date:	20211124
Received Date:	20211210
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	U Of Il-Hosp & Hlth Sciences
Generator Location Street Number:	Not Reported
Generator Location Street 1:	912 S PAULINA STREET
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	912 S Paulina Street
Generator Mail Street 2:	Not Reported
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 Lycaste St.
Designated Facility Mail City:	Detroit
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	421 Lycaste St.
Designated Facility Location Street 2:	Not Reported

U OF IL-HOSP & HLTH SCIENCES, 912 S PAULINA STREET, CHICAGO, IL 60612 (Continued)

Designated Facility Location City:	Detroit
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	023704192JJK
Last Updated Date:	20220104
Shipped Date:	20211124
Received Date:	20211210
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	U Of Il-Hosp & Hlth Sciences
Generator Location Street Number:	Not Reported
Generator Location Street 1:	912 S PAULINA STREET
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	912 S Paulina Street
Generator Mail Street 2:	Not Reported
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 Lycaste St.
Designated Facility Mail City:	Detroit
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	421 Lycaste St.
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Detroit
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	023704356JJK

U OF IL-HOSP & HLTH SCIENCES, 912 S PAULINA STREET, CHICAGO, IL 60612 (Continued)

Last Updated Date:	20220113
Shipped Date:	20211201
Received Date:	20211217
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	U Of Il-Hosp & Hlth Sciences
Generator Location Street Number:	Not Reported
Generator Location Street 1:	912 S PAULINA STREET
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	912 S Paulina Street
Generator Mail Street 2:	Not Reported
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 Lycaste St.
Designated Facility Mail City:	Detroit
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	421 Lycaste St.
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Detroit
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Transporter:

Manifest Tracking Number:	020110293JJK
Transporter Line Number:	1
Transporter EPA ID:	MID021087275
Transporter Name:	Nortru, Llc
Manifest Tracking Number:	020110293JJK
Transporter Line Number:	2
Transporter EPA ID:	MNS000110924

U OF IL-HOSP & HLTH SCIENCES, 912 S PAULINA STREET, CHICAGO, IL 60612 (Continued)

Transporter Name:	Stericycle Specialty Waste Solutions Inc

Waste Line:

Manifest Tracking Number:	020110293JJK
Waste Line Number:	1
U.S. DOT Hazardous Indicator:	Y
U.S. DOT ID Number:	UN3248
U.S. DOT Description:	Un3248 Waste Medicine, Liquid, Flammable, Toxic, N.O.S. (Alcohols, Cresols) Ii 3 6.1
Non-Hazardous Waste Description:	Not Reported
Number of Containers:	4
Container Type Code:	DF
Container Type Description:	Fiberboard or plastic drums, barrels, kegs
Waste Quantity:	693
Quantity Unit of Measure Code:	P
Quantity Unit of Measure Description:	Pounds
Waste Quantity, in Tons:	0.3465
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.3465
Waste Quantity, in Kilograms:	314.28592
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	314.28592
Management Method Code:	H141
Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not Reported
Waste Density Unit of Measure Code:	Not Reported
Waste Density Unit of Measure Description:	Not Reported
Form Code:	Not Reported
Form Code Description:	Not Reported
Source Code:	Not Reported
Source Code Description:	Not Reported
Waste Minimization Code:	Not Reported
Waste Minimization Code Description:	Not Reported
Consent Number:	Not Reported
EPA Waste Indicator:	Y
Federal Waste Codes:	D001, D007, D009, D011, D018, D022
Quantity Haz Kg:	314.28592
Quantity Haz Tons:	0.3465
Quantity Non Haz Kg:	0
Quantity Non Haz Tons:	0
State Waste Codes:	Not Reported

U OF IL-HOSP & HLTH SCIENCES, 912 S PAULINA STREET, CHICAGO, IL 60612 (Continued)

The Click here to access 259 additional US EManifest: record(s) in the EDR Site Report. database contains http://www.edrnet.com/srf2/FinalSiteReport.aspx?ID=6HIh638kHejII6b7hay03eJF3XfP8GKbk.mdAqxJef3aj3XHI7jp51oM6ESkbgR47g4531X.aoREym190ODy4.YweyB6JkWoF49t3oebXOGTfl3APfYc49G6G1siK8YfbUrO4.5k.KqsmIMtdRZeCQqsqYf.xPYBJxNU6qW6HXdNI.A8hSEi3l9p30aC8pnbk4Ak9i9XeFssjVEQItfT3tqF6ka4bgRY71.F4NxDakhAyfNd0BQY4thdeiAmJp7mFjEe5TAWX1ZofJzmPcx95RkcGhJ4KWhHbpbN9C5c.ZxWmJtTdyEr6Zw.HjV0Ip0xh9zX4mCD3ePJ8XFFka.C3yK3e3T1jCYaI6X0BMx06aktbzDB7MTD54NlaM90yTfk01qJ5rOLeY1aJ8QiF6Gy375aXhjpf9TLPOKN3NayGx1cKCHibV4Z8mLh.a66mm1mdcwv3Ij9qICUxasyJnxK2zlxfFej3j9ta4Pf5dxj3QmUXVrpHdMsvUK17ddhjLO5pI7S6SshHdS5IgQ0h8J643Mt34Q485gvktRL3d9XeRcljykVI7K74mrf657Vbfrq7b.f3iSiaVzjyrLM0YxA6qpWexm7JQY7F5h.5susXjnlfSHVPc0N6fbyGvJ8KxYJbrUY8qQJ.857mwWrdV944PT6q6CpxqigJxl038aufowv3sRRaVJtCaxg33hVXX30Hg1MCInT7dAqj00zp0B.3 additional records for this site. Please contact your EDR Account Executive for more information.

UNIV OF IL CHICAGO ENV SAFETY 912 S PAULINA ST, CHICAGO, IL, 60612			1032358711
▲ B22	SSE <1/10	(109 ft. / 0.021 mi.)	Other Ascertainable Records
	Equal Elevation	593 ft. Above Sea Level	

Worksheet:

E MANIFEST: Other Ascertainable Records

Manifest Tracking Number:	021318528JJK
Last Updated Date:	20200617
Shipped Date:	20191213
Received Date:	20200107
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	Univ Of Il Chicago Env Safety
Generator Location Street Number:	Not Reported
Generator Location Street 1:	912 S PAULINA ST
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	912 S PAULINA ST
Generator Mail Street 2:	Not Reported
Generator Mail City:	CHICAGO
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro-Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	515
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	LYCASTE ST
Designated Facility Mail City:	DETROIT
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	421
Designated Facility Location Street 1:	LYCASTE ST

UNIV OF IL CHICAGO ENV SAFETY, 912 S PAULINA ST, CHICAGO, IL 60612 (Continued)

Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	DETROIT
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	014615466FLE
Last Updated Date:	20210226
Shipped Date:	20200327
Received Date:	20200410
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	Univ Of Il Chicago Env Safety
Generator Location Street Number:	Not Reported
Generator Location Street 1:	912 S PAULINA ST
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	912 S PAULINA ST
Generator Mail Street 2:	Not Reported
Generator Mail City:	CHICAGO
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro-Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	515
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	LYCASTE ST
Designated Facility Mail City:	DETROIT
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	421
Designated Facility Location Street 1:	LYCASTE ST
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	DETROIT
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

UNIV OF IL CHICAGO ENV SAFETY, 912 S PAULINA ST, CHICAGO, IL 60612 (Continued)

Transporter:

Manifest Tracking Number:	014615466FLE
Transporter Line Number:	1
Transporter EPA ID:	MNS000110924
Transporter Name:	Clean Earth Specialty Waste Solutions, Inc.

Waste Line:

Manifest Tracking Number:	014615466FLE
Waste Line Number:	1
U.S. DOT Hazardous Indicator:	Y
U.S. DOT ID Number:	UN3248
U.S. DOT Description:	Un3248, Waste Medicine, Liquid, Flammable, Toxic N.O.S, (Alcohols, Cresols) 3, Pg Ii
Non-Hazardous Waste Description:	Not Reported
Number of Containers:	5
Container Type Code:	DF
Container Type Description:	Fiberboard or plastic drums, barrels, kegs
Waste Quantity:	701
Quantity Unit of Measure Code:	P
Quantity Unit of Measure Description:	Pounds
Waste Quantity, in Tons:	0.3505
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.3505
Waste Quantity, in Kilograms:	317.914
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	317.914
Management Method Code:	H141
Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not Reported
Waste Density Unit of Measure Code:	Not Reported
Waste Density Unit of Measure Description:	Not Reported
Form Code:	Not Reported
Form Code Description:	Not Reported
Source Code:	Not Reported
Source Code Description:	Not Reported
Waste Minimization Code:	Not Reported
Waste Minimization Code Description:	Not Reported
Consent Number:	Not Reported
EPA Waste Indicator:	Y
Federal Waste Codes:	D011, D018, D022
Quantity Haz Kg:	317.914
Quantity Haz Tons:	0.3505
Quantity Non Haz Kg:	0
Quantity Non Haz Tons:	0
State Waste Codes:	Not Reported

MAP FINDINGS

U OF IL-HOSP & WITH SCIENCES 912 S PAULINA STREET, CHICAGO, IL, 69612			1032351102
▲ B23	SSE <1/10	(109 ft. / 0.021 mi.)	Other Ascertainable Records
	Equal Elevation	593 ft. Above Sea Level	

Worksheet:

E MANIFEST: Other Ascertainable Records

Manifest Tracking Number:	014619181FLE
Last Updated Date:	20210302
Shipped Date:	20200417
Received Date:	20200502
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	U Of Il-Hosp & With Sciences
Generator Location Street Number:	Not Reported
Generator Location Street 1:	912 S PAULINA STREET
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	69612
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	912 S PAULINA STREET
Generator Mail Street 2:	Not Reported
Generator Mail City:	CHICAGO
Generator Mail Zip:	69612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro-Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	515
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	LYCASTE ST
Designated Facility Mail City:	DETROIT
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	421
Designated Facility Location Street 1:	LYCASTE ST
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	DETROIT
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

U OF IL-HOSP & WITH SCIENCES, 912 S PAULINA STREET, CHICAGO, IL 69612 (Continued)

Transporter:

Manifest Tracking Number:	014619181FLE
Transporter Line Number:	1
Transporter EPA ID:	MNS000110924
Transporter Name:	Stericycle Specialty Waste Solutions, Inc.

Waste Line:

Manifest Tracking Number:	014619181FLE
Waste Line Number:	1
U.S. DOT Hazardous Indicator:	Y
U.S. DOT ID Number:	UN3248
U.S. DOT Description:	Un3248, Waste Medicine, Liquid, Flammable, Toxic, N.O.S., (Alcohols, Cresols) 3 (6.1) Pg Ii
Non-Hazardous Waste Description:	Not Reported
Number of Containers:	2
Container Type Code:	DF
Container Type Description:	Fiberboard or plastic drums, barrels, kegs
Waste Quantity:	420
Quantity Unit of Measure Code:	P
Quantity Unit of Measure Description:	Pounds
Waste Quantity, in Tons:	0.21
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.21
Waste Quantity, in Kilograms:	190.4763
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	190.4763
Management Method Code:	H141
Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not Reported
Waste Density Unit of Measure Code:	Not Reported
Waste Density Unit of Measure Description:	Not Reported
Form Code:	Not Reported
Form Code Description:	Not Reported
Source Code:	Not Reported
Source Code Description:	Not Reported
Waste Minimization Code:	Not Reported
Waste Minimization Code Description:	Not Reported
Consent Number:	Not Reported
EPA Waste Indicator:	Y
Federal Waste Codes:	D001, D007, D009, D011, D018, D022
Quantity Haz Kg:	190.4763
Quantity Haz Tons:	0.21
Quantity Non Haz Kg:	0
Quantity Non Haz Tons:	0
State Waste Codes:	Not Reported

MAP FINDINGS

UNIV OF IL HOSPITAL AND HEALTH SCIENCE SYSTEM PATHOLOGY DEPA 912 S PAULINA ST, CHICAGO, IL, 60612		1032358713
▲ B24	SSE <1/10 (109 ft. / 0.021 mi.) Equal Elevation 593 ft. Above Sea Level	Other Ascertainable Records

Worksheet:

E MANIFEST: Other Ascertainable Records

Manifest Tracking Number:	020404277JJK
Last Updated Date:	20200617
Shipped Date:	20190308
Received Date:	20190325
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	Univ Of Il Hospital And Health Science System Pathology Department
Generator Location Street Number:	Not Reported
Generator Location Street 1:	912 S PAULINA ST
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	912 S PAULINA ST
Generator Mail Street 2:	Not Reported
Generator Mail City:	CHICAGO
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro-Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	515
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	LYCASTE ST
Designated Facility Mail City:	DETROIT
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	421
Designated Facility Location Street 1:	LYCASTE ST
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	DETROIT
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

UNIV OF IL HOSPITAL AND HEALTH SCIENCE SYSTEM PATHOLOGY DEPA, 912 S PAULINA ST, CHICAGO, IL 60612 (Continued)

Transporter:

Manifest Tracking Number:	020404277JJK
Transporter Line Number:	1
Transporter EPA ID:	MNS000110924
Transporter Name:	Stericycle Specialty Waste Solutions Inc

Waste Line:

Manifest Tracking Number:	020404277JJK
Waste Line Number:	1
U.S. DOT Hazardous Indicator:	N
U.S. DOT ID Number:	Not Reported
U.S. DOT Description:	Not Reported
Non-Hazardous Waste Description:	Non Rcra/Non Dot Regulated Material (Formalin)
Number of Containers:	1
Container Type Code:	DF
Container Type Description:	Fiberboard or plastic drums, barrels, kegs
Waste Quantity:	55
Quantity Unit of Measure Code:	G
Quantity Unit of Measure Description:	Gallons
Waste Quantity, in Tons:	0.2293578
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.2293578
Waste Quantity, in Kilograms:	208.03441
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	208.03441
Management Method Code:	H141
Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not Reported
Waste Density Unit of Measure Code:	Not Reported
Waste Density Unit of Measure Description:	Not Reported
Form Code:	Not Reported
Form Code Description:	Not Reported
Source Code:	Not Reported
Source Code Description:	Not Reported
Waste Minimization Code:	Not Reported
Waste Minimization Code Description:	Not Reported
Consent Number:	Not Reported
EPA Waste Indicator:	N
Federal Waste Codes:	Not Reported
Quantity Haz Kg:	0
Quantity Haz Tons:	0
Quantity Non Haz Kg:	208.03441
Quantity Non Haz Tons:	0.2293578
State Waste Codes:	Not Reported

MAP FINDINGS

UNIVERSITY OF ILLINOIS HOSPITAL AND HEALTH SCIENCE SYSTEM 912 S PAULINA ST, CHICAGO, IL, 60612		1032359831
▲ B25	SSE <1/10	(109 ft. / 0.021 mi.)	Other Ascertainable Records
	Equal Elevation	593 ft. Above Sea Level	

Worksheet:

E MANIFEST: Other Ascertainable Records

Manifest Tracking Number:	020840323JJK
Last Updated Date:	20200617
Shipped Date:	20190920
Received Date:	20191009
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	University Of Illinois Hospital And Health Science System
Generator Location Street Number:	Not Reported
Generator Location Street 1:	912 S PAULINA ST
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	912 S PAULINA ST
Generator Mail Street 2:	Not Reported
Generator Mail City:	CHICAGO
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro-Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	515
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	LYCASTE ST
Designated Facility Mail City:	DETROIT
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	421
Designated Facility Location Street 1:	LYCASTE ST
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	DETROIT
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

UNIVERSITY OF ILLINOIS HOSPITAL AND HEALTH SCIENCE SYSTEM, 912 S PAULINA ST, CHICAGO, IL 60612 (Continued)

Transporter:

Manifest Tracking Number:	020840323JJK
Transporter Line Number:	1
Transporter EPA ID:	MNS000110924
Transporter Name:	Stericycle Specialty Waste Solutions Inc

Waste Line:

Manifest Tracking Number:	020840323JJK
Waste Line Number:	1
U.S. DOT Hazardous Indicator:	N
U.S. DOT ID Number:	Not Reported
U.S. DOT Description:	Not Reported
Non-Hazardous Waste Description:	Non Rcra Regulated Material (Formalin)
Number of Containers:	1
Container Type Code:	DF
Container Type Description:	Fiberboard or plastic drums, barrels, kegs
Waste Quantity:	55
Quantity Unit of Measure Code:	G
Quantity Unit of Measure Description:	Gallons
Waste Quantity, in Tons:	0.2293578
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.2293578
Waste Quantity, in Kilograms:	208.03441
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	208.03441
Management Method Code:	H141
Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not Reported
Waste Density Unit of Measure Code:	Not Reported
Waste Density Unit of Measure Description:	Not Reported
Form Code:	Not Reported
Form Code Description:	Not Reported
Source Code:	Not Reported
Source Code Description:	Not Reported
Waste Minimization Code:	Not Reported
Waste Minimization Code Description:	Not Reported
Consent Number:	Not Reported
EPA Waste Indicator:	N
Federal Waste Codes:	Not Reported
Quantity Haz Kg:	0
Quantity Haz Tons:	0
Quantity Non Haz Kg:	208.03441
Quantity Non Haz Tons:	0.2293578
State Waste Codes:	Not Reported

LEE CHONG 1736 TAYLOR, CHICAGO, IL,			1009200907
▲ C26	SSW <1/10	(182 ft. / 0.034 mi.)	EDR Exclusive Records
	Equal Elevation	593 ft. Above Sea Level	

Worksheet:

EDR Hist Cleaner: EDR Exclusive Records

Year:	Name: / Type:
1928:	LEE CHONG / LAUNDRIES CHINESE

U OF IL-HOSP & HLTH-PATHOLOGY 1740 W TAYLOR ST ROOM 3134 (M/C750), CHICAGO, IL, 60612			1032351100
▲ C27	SSW <1/10	(188 ft. / 0.036 mi.)	Other Ascertainable Records
	Equal Elevation	593 ft. Above Sea Level	

Worksheet:

E MANIFEST: Other Ascertainable Records

Manifest Tracking Number:	020406026JJK
Last Updated Date:	20200107
Shipped Date:	20190726
Received Date:	20190815
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CESQG
Generator Name:	U Of Il-Hosp & Hlth-Pathology
Generator Location Street Number:	Not Reported
Generator Location Street 1:	1740 W TAYLOR ST ROOM 3134 (M/C750)
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	1740 W Taylor St Room 3134 (M/C750)
Generator Mail Street 2:	Not Reported
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 Lycaste St.

U OF IL-HOSP & HLTH-PATHOLOGY, 1740 W TAYLOR ST ROOM 3134 (M/C750), CHICAGO, IL 60612 (Continued)

Designated Facility Mail City:	Detroit
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	421 Lycaste St.
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Detroit
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	020406624JJK
Last Updated Date:	20200107
Shipped Date:	20190412
Received Date:	20190426
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CESQG
Generator Name:	U Of Il-Hosp & Hlth-Pathology
Generator Location Street Number:	Not Reported
Generator Location Street 1:	1740 W TAYLOR ST ROOM 3134 (M/C750)
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	1740 W Taylor St Room 3134 (M/C750)
Generator Mail Street 2:	Not Reported
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 Lycaste St.
Designated Facility Mail City:	Detroit
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	421 Lycaste St.
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Detroit
Designated Facility Location Zip:	48214

U OF IL-HOSP & HLTH-PATHOLOGY, 1740 W TAYLOR ST ROOM 3134 (M/C750), CHICAGO, IL 60612 (Continued)

Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	020407222JJK
Last Updated Date:	20200225
Shipped Date:	20191206
Received Date:	20200102
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CESQG
Generator Name:	U Of Il-Hosp & Hlth-Pathology
Generator Location Street Number:	Not Reported
Generator Location Street 1:	1740 W TAYLOR ST ROOM 3134 (M/C750)
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	1740 W Taylor St Room 3134 (M/C750)
Generator Mail Street 2:	Not Reported
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 Lycaste St.
Designated Facility Mail City:	Detroit
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	421 Lycaste St.
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Detroit
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	020663286JJK
Last Updated Date:	20200107
Shipped Date:	20190705

U OF IL-HOSP & HLTH-PATHOLOGY, 1740 W TAYLOR ST ROOM 3134 (M/C750), CHICAGO, IL 60612 (Continued)

Received Date:	20190719
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CESQG
Generator Name:	U Of Il-Hosp & Hlth-Pathology
Generator Location Street Number:	Not Reported
Generator Location Street 1:	1740 W TAYLOR ST ROOM 3134 (M/C750)
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	1740 W Taylor St Room 3134 (M/C750)
Generator Mail Street 2:	Not Reported
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 Lycaste St.
Designated Facility Mail City:	Detroit
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	421 Lycaste St.
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Detroit
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	020842107JJK
Last Updated Date:	20191231
Shipped Date:	20190830
Received Date:	20190920
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	U Of Il-Hosp & Hlth-Pathology
Generator Location Street Number:	Not Reported
Generator Location Street 1:	1740 W TAYLOR ST ROOM 3134 (M/C750)

U OF IL-HOSP & HLTH-PATHOLOGY, 1740 W TAYLOR ST ROOM 3134 (M/C750), CHICAGO, IL 60612 (Continued)

Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	1740 W Taylor St Room 3134 (M/C750)
Generator Mail Street 2:	Not Reported
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 Lycaste St.
Designated Facility Mail City:	Detroit
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	421 Lycaste St.
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Detroit
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	021319257JJK
Last Updated Date:	20200316
Shipped Date:	20200124
Received Date:	20200210
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CESQG
Generator Name:	U Of Il-Hosp & Hlth-Pathology
Generator Location Street Number:	Not Reported
Generator Location Street 1:	1740 W TAYLOR ST ROOM 3134 (M/C750)
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	1740 W Taylor St Room 3134 (M/C750)
Generator Mail Street 2:	Not Reported
Generator Mail City:	Chicago

U OF IL-HOSP & HLTH-PATHOLOGY, 1740 W TAYLOR ST ROOM 3134 (M/C750), CHICAGO, IL 60612 (Continued)

Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 Lycaste St.
Designated Facility Mail City:	Detroit
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	421 Lycaste St.
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Detroit
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	020841238JJK
Last Updated Date:	20200225
Shipped Date:	20191122
Received Date:	20191219
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CESQG
Generator Name:	U Of Il-Hosp & Hlth-Pathology
Generator Location Street Number:	Not Reported
Generator Location Street 1:	1740 W TAYLOR ST ROOM 3134 (M/C750)
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	1740 W Taylor St Room 3134 (M/C750)
Generator Mail Street 2:	Not Reported
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 Lycaste St.

U OF IL-HOSP & HLTH-PATHOLOGY, 1740 W TAYLOR ST ROOM 3134 (M/C750), CHICAGO, IL 60612 (Continued)

Designated Facility Mail City:	Detroit
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	421 Lycaste St.
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Detroit
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	020841586JJK
Last Updated Date:	20200107
Shipped Date:	20191011
Received Date:	20191101
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CESQG
Generator Name:	U Of Il-Hosp & Hlth-Pathology
Generator Location Street Number:	Not Reported
Generator Location Street 1:	1740 W TAYLOR ST ROOM 3134 (M/C750)
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	1740 W Taylor St Room 3134 (M/C750)
Generator Mail Street 2:	Not Reported
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 Lycaste St.
Designated Facility Mail City:	Detroit
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	421 Lycaste St.
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Detroit
Designated Facility Location Zip:	48214

U OF IL-HOSP & HLTH-PATHOLOGY, 1740 W TAYLOR ST ROOM 3134 (M/C750), CHICAGO, IL 60612 (Continued)

Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	020652907JJK
Last Updated Date:	20191231
Shipped Date:	20190816
Received Date:	20190906
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	U Of Il-Hosp & Hlth-Pathology
Generator Location Street Number:	Not Reported
Generator Location Street 1:	1740 W TAYLOR ST ROOM 3134 (M/C750)
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	1740 W Taylor St Room 3134 (M/C750)
Generator Mail Street 2:	Not Reported
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 Lycaste St.
Designated Facility Mail City:	Detroit
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	421 Lycaste St.
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Detroit
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	020653838JJK
Last Updated Date:	20200113
Shipped Date:	20191101

U OF IL-HOSP & HLTH-PATHOLOGY, 1740 W TAYLOR ST ROOM 3134 (M/C750), CHICAGO, IL 60612 (Continued)

Received Date:	20191122
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CESQG
Generator Name:	U Of Il-Hosp & Hlth-Pathology
Generator Location Street Number:	Not Reported
Generator Location Street 1:	1740 W TAYLOR ST ROOM 3134 (M/C750)
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	1740 W Taylor St Room 3134 (M/C750)
Generator Mail Street 2:	Not Reported
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 Lycaste St.
Designated Facility Mail City:	Detroit
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	421 Lycaste St.
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Detroit
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	021326458JJK
Last Updated Date:	20200312
Shipped Date:	20200117
Received Date:	20200205
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CESQG
Generator Name:	U Of Il-Hosp & Hlth-Pathology
Generator Location Street Number:	Not Reported
Generator Location Street 1:	1740 W TAYLOR ST ROOM 3134 (M/C750)

U OF IL-HOSP & HLTH-PATHOLOGY, 1740 W TAYLOR ST ROOM 3134 (M/C750), CHICAGO, IL 60612 (Continued)

Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	1740 W Taylor St Room 3134 (M/C750)
Generator Mail Street 2:	Not Reported
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 Lycaste St.
Designated Facility Mail City:	Detroit
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	421 Lycaste St.
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Detroit
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Transporter:

Manifest Tracking Number:	021325568JJK
Transporter Line Number:	1
Transporter EPA ID:	MNS000110924
Transporter Name:	Stericycle Specialty Waste Solutions Inc

Waste Line:

Manifest Tracking Number:	021325568JJK
Waste Line Number:	1
U.S. DOT Hazardous Indicator:	N
U.S. DOT ID Number:	Not Reported
U.S. DOT Description:	Not Reported
Non-Hazardous Waste Description:	Non Rcra Non Dot Regulated Material (Formalin)
Number of Containers:	1
Container Type Code:	DF
Container Type Description:	Fiberboard or plastic drums, barrels, kegs
Waste Quantity:	55
Quantity Unit of Measure Code:	G

U OF IL-HOSP & HLTH-PATHOLOGY, 1740 W TAYLOR ST ROOM 3134 (M/C750), CHICAGO, IL 60612 (Continued)

Quantity Unit of Measure Description:	Gallons
Waste Quantity, in Tons:	0.2293578
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.2293578
Waste Quantity, in Kilograms:	208.03441
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	208.03441
Management Method Code:	H141
Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not Reported
Waste Density Unit of Measure Code:	Not Reported
Waste Density Unit of Measure Description:	Not Reported
Form Code:	Not Reported
Form Code Description:	Not Reported
Source Code:	Not Reported
Source Code Description:	Not Reported
Waste Minimization Code:	Not Reported
Waste Minimization Code Description:	Not Reported
Consent Number:	Not Reported
EPA Waste Indicator:	N
Federal Waste Codes:	Not Reported
Quantity Haz Kg:	0
Quantity Haz Tons:	0
Quantity Non Haz Kg:	208.03441
Quantity Non Haz Tons:	0.2293578
State Waste Codes:	MI-029L

The Click here to access 2 additional US EManifest: record(s) in the EDR Site Report. database contains http://www.edrnet.com/srf2/FinalSiteReport.aspx?ID=6HIh638kHejII6b7hay03eJF3XfP8GKbk.mdAqxJef3aj3XHI7jp51oM6ESkbgR47g4531X.aoREym190ODy4.YweyB6JkWoF49t3oebXOGTfl3APfYc49G6G1siK8YfbUrO4.5k.KqsmIMtdRZeCQqsqYf.xPYBJxNU6qW6HXdNI.A8hSEi3l9p30aC8pnbk4Ak9i9XeFssjVEQItfT3tqF6ka4bgRY71.F4NxDakhAyfNd0BQY4thdeiAmJp7mFjEe5TAWX1ZofJzmPcx95RkcGhJ4KWhHbpbN9C5c.ZxWmJtTdyEr6Zw.HjV0Ip0xh9zX4mCD3ePJ8XFFka.C3yK3e3T1jCYaI6X0BMx06aktbzDB7MTD54NlaM90yTfk01qJ5rOLeY1aJ8QiF6Gy375aXhjpf9TLPOKN3NayGx1cKCHibV4Z8mLh.a66mm1mdcwv3lj9qICUxasyJnxK2zlxfFej3j9ta4Pf5dxj3QmUXVrpHdMsvUK17ddhjLO5pI7S6SshHdS5IgQ0h8J643Mt34Q485gvktRL3d9XeRcljykVI7K74mrf657Vbfrq7b.f3iSiaVzjyrLM0YxA6qpWexm7JQY7F5h.5susXjnlfSHVPc0N6fbyGvJ8KxYJbrUY8qQJ.857mwWrdV944PT6q6CpxqigJxl048aufowv3sRRaVJt3axg33hVXX30Hg1M3InT7dAqj00zp0B.3 additional records for this site. Please contact your EDR Account Executive for more information.

UNIVERSITY OF ILLINOIS HOPSITAL & HEALTH SCIENCE SYSTEM
PATH
1740 W TAYLOR STREET ROOM 3134, CHICAGO, IL, 60612 1032359830

▲ C28	SSW <1/10	(188 ft. / 0.036 mi.)	Other Ascertainable Records
	Equal Elevation	593 ft. Above Sea Level	

Worksheet:

E MANIFEST: Other Ascertainable Records

Manifest Tracking Number:	020109803JJK
Last Updated Date:	20190708

UN (Continued)

Shipped Date:	20190118
Received Date:	20190131
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CESQG
Generator Name:	University Of Illinois Hopsital & Health Science System Pathology Dept
Generator Location Street Number:	Not Reported
Generator Location Street 1:	1740 W TAYLOR STREET ROOM 3134
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	1740 W Taylor Street Room 3134
Generator Mail Street 2:	Not Reported
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 Lycaste St.
Designated Facility Mail City:	Detroit
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	421 Lycaste St.
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Detroit
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	020110068JJK
Last Updated Date:	20190412
Shipped Date:	20190222
Received Date:	20190301
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CESQG
Generator Name:	University Of Illinois Hopsital & Health Science System Pathology Dept
Generator Location Street Number:	Not Reported

UN (Continued)

Generator Location Street 1:	1740 W TAYLOR STREET ROOM 3134
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	1740 W Taylor Street Room 3134
Generator Mail Street 2:	Not Reported
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 Lycaste St.
Designated Facility Mail City:	Detroit
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	421 Lycaste St.
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Detroit
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	020110549JJK
Last Updated Date:	20190528
Shipped Date:	20190201
Received Date:	20190220
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CESQG
Generator Name:	University Of Illinois Hopsital & Health Science System Pathology Dept
Generator Location Street Number:	Not Reported
Generator Location Street 1:	1740 W TAYLOR STREET ROOM 3134
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	1740 W Taylor Street Room 3134
Generator Mail Street 2:	Not Reported

UN (Continued)

Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 Lycaste St.
Designated Facility Mail City:	Detroit
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	421 Lycaste St.
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Detroit
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	020405959JJK
Last Updated Date:	20190809
Shipped Date:	20190517
Received Date:	20190531
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CESQG
Generator Name:	University Of Illinois Hopsital & Health Science System Pathology Dept
Generator Location Street Number:	Not Reported
Generator Location Street 1:	1740 W TAYLOR STREET ROOM 3134
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	1740 W Taylor Street Room 3134
Generator Mail Street 2:	Not Reported
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported

UN (Continued)

Designated Facility Mail Street 2:	421 Lycaste St.
Designated Facility Mail City:	Detroit
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	421 Lycaste St.
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Detroit
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	019708732JJK
Last Updated Date:	20190411
Shipped Date:	20181116
Received Date:	20181211
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CESQG
Generator Name:	University Of Illinois Hopsital & Health Science System Pathology Dept
Generator Location Street Number:	Not Reported
Generator Location Street 1:	1740 W TAYLOR STREET ROOM 3134
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	1740 W Taylor Street Room 3134
Generator Mail Street 2:	Not Reported
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 Lycaste St.
Designated Facility Mail City:	Detroit
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	421 Lycaste St.
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Detroit

UN (Continued)

Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	020403696JJK
Last Updated Date:	20190529
Shipped Date:	20190322
Received Date:	20190410
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CESQG
Generator Name:	University Of Illinois Hopsital & Health Science System Pathology Dept
Generator Location Street Number:	Not Reported
Generator Location Street 1:	1740 W TAYLOR STREET ROOM 3134
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	1740 W Taylor Street Room 3134
Generator Mail Street 2:	Not Reported
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 Lycaste St.
Designated Facility Mail City:	Detroit
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	421 Lycaste St.
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Detroit
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	020404913JJK
Last Updated Date:	20190809

UN (Continued)

Shipped Date:	20190614
Received Date:	20190703
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CESQG
Generator Name:	University Of Illinois Hopsital & Health Science System Pathology Dept
Generator Location Street Number:	Not Reported
Generator Location Street 1:	1740 W TAYLOR STREET ROOM 3134
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	1740 W Taylor Street Room 3134
Generator Mail Street 2:	Not Reported
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 Lycaste St.
Designated Facility Mail City:	Detroit
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	421 Lycaste St.
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Detroit
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	020405731JJK
Last Updated Date:	20190708
Shipped Date:	20190502
Received Date:	20190517
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CESQG
Generator Name:	University Of Illinois Hopsital & Health Science System Pathology Dept
Generator Location Street Number:	Not Reported

UN (Continued)

Generator Location Street 1:	1740 W TAYLOR STREET ROOM 3134
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	1740 W Taylor Street Room 3134
Generator Mail Street 2:	Not Reported
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 Lycaste St.
Designated Facility Mail City:	Detroit
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	421 Lycaste St.
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Detroit
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	019706660JJK
Last Updated Date:	20190115
Shipped Date:	20180921
Received Date:	20181008
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CESQG
Generator Name:	University Of Illinois Hopsital & Health Science System Pathology Dept
Generator Location Street Number:	Not Reported
Generator Location Street 1:	1740 W TAYLOR STREET ROOM 3134
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	1310 MICHIGAN STREET
Generator Mail Street 2:	Not Reported

UN (Continued)

Generator Mail City:	GARY
Generator Mail Zip:	46402
Generator Mail State:	IN
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 Lycaste St.
Designated Facility Mail City:	Detroit
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	421 Lycaste St.
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Detroit
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	019706873JJK
Last Updated Date:	20190115
Shipped Date:	20180928
Received Date:	20181017
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CESQG
Generator Name:	University Of Illinois Hopsital & Health Science System Pathology Dept
Generator Location Street Number:	Not Reported
Generator Location Street 1:	1740 W TAYLOR STREET ROOM 3134
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	1310 MICHIGAN STREET
Generator Mail Street 2:	Not Reported
Generator Mail City:	GARY
Generator Mail Zip:	46402
Generator Mail State:	IN
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported

UN (Continued)

Designated Facility Mail Street 2:	421 Lycaste St.
Designated Facility Mail City:	Detroit
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	421 Lycaste St.
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Detroit
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	019707177JJK
Last Updated Date:	20190115
Shipped Date:	20181012
Received Date:	20181025
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CESQG
Generator Name:	University Of Illinois Hopsital & Health Science System Pathology Dept
Generator Location Street Number:	Not Reported
Generator Location Street 1:	1740 W TAYLOR STREET ROOM 3134
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	1310 MICHIGAN STREET
Generator Mail Street 2:	Not Reported
Generator Mail City:	GARY
Generator Mail Zip:	46402
Generator Mail State:	IN
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 Lycaste St.
Designated Facility Mail City:	Detroit
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	421 Lycaste St.
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Detroit

UN (Continued)

Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Transporter:

Manifest Tracking Number:	019707716JJK
Transporter Line Number:	1
Transporter EPA ID:	MID021087275
Transporter Name:	Nortru, Llc
Manifest Tracking Number:	019707716JJK
Transporter Line Number:	2
Transporter EPA ID:	MNS000110924
Transporter Name:	Stericycle Specialty Waste Solutions Inc

Waste Line:

Manifest Tracking Number:	019707716JJK
Waste Line Number:	1
U.S. DOT Hazardous Indicator:	N
U.S. DOT ID Number:	Not Reported
U.S. DOT Description:	Not Reported
Non-Hazardous Waste Description:	Non Rcra Non Dot Regulated Material (Formalin)
Number of Containers:	1
Container Type Code:	DF
Container Type Description:	Fiberboard or plastic drums, barrels, kegs
Waste Quantity:	55
Quantity Unit of Measure Code:	G
Quantity Unit of Measure Description:	Gallons
Waste Quantity, in Tons:	0.2293578
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.2293578
Waste Quantity, in Kilograms:	208.03441
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	208.03441
Management Method Code:	H141
Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not Reported
Waste Density Unit of Measure Code:	Not Reported
Waste Density Unit of Measure Description:	Not Reported
Form Code:	Not Reported
Form Code Description:	Not Reported
Source Code:	Not Reported

UN (Continued)

Source Code Description:	Not Reported
Waste Minimization Code:	Not Reported
Waste Minimization Code Description:	Not Reported
Consent Number:	Not Reported
EPA Waste Indicator:	N
Federal Waste Codes:	Not Reported
Quantity Haz Kg:	0
Quantity Haz Tons:	0
Quantity Non Haz Kg:	208.03441
Quantity Non Haz Tons:	0.2293578
State Waste Codes:	Not Reported

The Click here to access 7 additional US EManifest: record(s) in the EDR Site Report. database contains http://www.edrnet.com/srf2/FinalSiteReport.aspx?ID=6HIh638kHejII6b7hay03eJF3XfP8GKbk.mdAqxJef3aj3XHI7jp51oM6ESkbgR47g4531X.aoREym190ODy4.YweyB6JkWoF49t3oebXOGTfl3APfYc49G6G1siK8YfbUrO4.5k.KqsmIMtdRZeCQqsqYf.xPYBJxNU6qW6HXdNI.A8hSEi3l9p30aC8pnbk4Ak9i9XeFssjVEQItfT3tqF6ka4bgRY71.F4NxDakhAyfNd0BQY4thdeiAmJp7mFjEe5TAWX1ZofJzmPcx95RkcGhJ4KWhHbpbN9C5c.ZxWmJtTdyEr6Zw.HjV0Ip0xh9zX4mCD3ePJ8XFFka.C3yK3e3T1jCYaI6X0BMx06aktbzDB7MTD54NlaM90yTfk01qJ5rOLeY1aJ8QiF6Gy375aXhjpf9TLPOKN3NayGx1cKCHibV4Z8mLh.a66mm1mdcwv3lj9qICUxasyJnxK2zlxfFej3j9ta4Pf5dxj3QmUXVrpHdMsvUK17ddhjLO5pI7S6SshHdS5IgQ0h8J643Mt34Q485gvktRL3d9XeRcljykVI7K74mrf657Vbfrq7b.f3iSiaVzjyrLM0YxA6qpWexm7JQY7F5h.5susXjnlfSHVPc0N6fbyGvJ8KxYJbrUY8qQJ.857mwWrdV94CPT6q6CpxqigJxI0B8aufowv3sRRaVJt6axg33hVXX30Hg1M3InT7dAqj00zp0B.3 additional records for this site. Please contact your EDR Account Executive for more information.

U OF IL HOSP & HLTH PATHOLOGY
1740 W TAYLOR ST, RM MC750, CHICAGO, IL, 60612-7232 **1032351097**

▲ C29	SSW <1/10	(188 ft. / 0.036 mi.)	Other Ascertainable Records
	Equal Elevation	593 ft. Above Sea Level	

Worksheet:

E MANIFEST: Other Ascertainable Records

Manifest Tracking Number:	023703950JJK
Last Updated Date:	20230930
Shipped Date:	20220427
Received Date:	20220506
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	U Of Il Hosp & Hlth Pathology
Generator Location Street Number:	Not Reported
Generator Location Street 1:	1740 W TAYLOR ST, RM MC750
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612-7232
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	912 S Paulina Street
Generator Mail Street 2:	Not Reported
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported

U OF IL HOSP & HLTH PATHOLOGY, 1740 W TAYLOR ST, RM MC750, CHICAGO, IL 60612-7232 (Continued)

Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 Lycaste St.
Designated Facility Mail City:	Detroit
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	421 Lycaste St.
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Detroit
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	024130752JJK
Last Updated Date:	20230602
Shipped Date:	20230111
Received Date:	20230127
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	U Of Il Hosp & Hlth Pathology
Generator Location Street Number:	Not Reported
Generator Location Street 1:	1740 W TAYLOR ST, RM MC750
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612-7232
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	912 S Paulina Street
Generator Mail Street 2:	Not Reported
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 Lycaste St.
Designated Facility Mail City:	Detroit
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI

U OF IL HOSP & HLTH PATHOLOGY, 1740 W TAYLOR ST, RM MC750, CHICAGO, IL 60612-7232 (Continued)

Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	421 Lycaste St.
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Detroit
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	018149069FLE
Last Updated Date:	20230602
Shipped Date:	20230215
Received Date:	20230303
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	U Of Il Hosp & Hlth Pathology
Generator Location Street Number:	Not Reported
Generator Location Street 1:	1740 W TAYLOR ST, RM MC750
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612-7232
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	912 S Paulina Street
Generator Mail Street 2:	Not Reported
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 Lycaste St.
Designated Facility Mail City:	Detroit
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	421 Lycaste St.
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Detroit
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported

U OF IL HOSP & HLTH PATHOLOGY, 1740 W TAYLOR ST, RM MC750, CHICAGO, IL 60612-7232 (Continued)

Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	018149888FLE
Last Updated Date:	20230331
Shipped Date:	20230322
Received Date:	20230324
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	U Of Il Hosp & Hlth Pathology
Generator Location Street Number:	Not Reported
Generator Location Street 1:	1740 W TAYLOR ST, RM MC750
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612-7232
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	912 S Paulina Street
Generator Mail Street 2:	Not Reported
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 Lycaste St.
Designated Facility Mail City:	Detroit
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	421 Lycaste St.
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Detroit
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	018150028FLE
Last Updated Date:	20230414
Shipped Date:	20230329
Received Date:	20230406
Manifest Status:	Signed
Submission Type:	DataImage5Copy

U OF IL HOSP & HLTH PATHOLOGY, 1740 W TAYLOR ST, RM MC750, CHICAGO, IL 60612-7232 (Continued)

Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	U Of Il Hosp & Hlth Pathology
Generator Location Street Number:	Not Reported
Generator Location Street 1:	1740 W TAYLOR ST, RM MC750
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612-7232
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	912 S Paulina Street
Generator Mail Street 2:	Not Reported
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 Lycaste St.
Designated Facility Mail City:	Detroit
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	421 Lycaste St.
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Detroit
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	018150145FLE
Last Updated Date:	20230909
Shipped Date:	20230816
Received Date:	20230822
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	U Of Il Hosp & Hlth Pathology
Generator Location Street Number:	Not Reported
Generator Location Street 1:	1740 W TAYLOR ST, RM MC750
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL

U OF IL HOSP & HLTH PATHOLOGY, 1740 W TAYLOR ST, RM MC750, CHICAGO, IL 60612-7232 (Continued)

Generator Location Zip:	60612-7232
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	912 S Paulina Street
Generator Mail Street 2:	Not Reported
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 Lycaste St.
Designated Facility Mail City:	Detroit
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	421 Lycaste St.
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Detroit
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	018150295FLE
Last Updated Date:	20230909
Shipped Date:	20230823
Received Date:	20230829
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	U Of Il Hosp & Hlth Pathology
Generator Location Street Number:	Not Reported
Generator Location Street 1:	1740 W TAYLOR ST, RM MC750
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612-7232
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	912 S Paulina Street
Generator Mail Street 2:	Not Reported
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported

U OF IL HOSP & HLTH PATHOLOGY, 1740 W TAYLOR ST, RM MC750, CHICAGO, IL 60612-7232 (Continued)

Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 Lycaste St.
Designated Facility Mail City:	Detroit
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	421 Lycaste St.
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Detroit
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	018150439FLE
Last Updated Date:	20230918
Shipped Date:	20230830
Received Date:	20230906
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	U Of Il Hosp & Hlth Pathology
Generator Location Street Number:	Not Reported
Generator Location Street 1:	1740 W TAYLOR ST, RM MC750
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612-7232
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	912 S Paulina Street
Generator Mail Street 2:	Not Reported
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 Lycaste St.
Designated Facility Mail City:	Detroit
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI

U OF IL HOSP & HLTH PATHOLOGY, 1740 W TAYLOR ST, RM MC750, CHICAGO, IL 60612-7232 (Continued)

Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	421 Lycaste St.
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Detroit
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	018150562FLE
Last Updated Date:	20230930
Shipped Date:	20230906
Received Date:	20230912
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	U Of Il Hosp & Hlth Pathology
Generator Location Street Number:	Not Reported
Generator Location Street 1:	1740 W TAYLOR ST, RM MC750
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612-7232
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	912 S Paulina Street
Generator Mail Street 2:	Not Reported
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 Lycaste St.
Designated Facility Mail City:	Detroit
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	421 Lycaste St.
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Detroit
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported

U OF IL HOSP & HLTH PATHOLOGY, 1740 W TAYLOR ST, RM MC750, CHICAGO, IL 60612-7232 (Continued)

Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	018150728FLE
Last Updated Date:	20230615
Shipped Date:	20230607
Received Date:	20230612
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	U Of Il Hosp & Hlth Pathology
Generator Location Street Number:	Not Reported
Generator Location Street 1:	1740 W TAYLOR ST, RM MC750
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612-7232
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	912 S Paulina Street
Generator Mail Street 2:	Not Reported
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 Lycaste St.
Designated Facility Mail City:	Detroit
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	421 Lycaste St.
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Detroit
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	018150880FLE
Last Updated Date:	20230627
Shipped Date:	20230614
Received Date:	20230620
Manifest Status:	Signed
Submission Type:	DataImage5Copy

U OF IL HOSP & HLTH PATHOLOGY, 1740 W TAYLOR ST, RM MC750, CHICAGO, IL 60612-7232 (Continued)

Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	U Of Il Hosp & Hlth Pathology
Generator Location Street Number:	Not Reported
Generator Location Street 1:	1740 W TAYLOR ST, RM MC750
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612-7232
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	912 S Paulina Street
Generator Mail Street 2:	Not Reported
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 Lycaste St.
Designated Facility Mail City:	Detroit
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	421 Lycaste St.
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Detroit
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Transporter:

Manifest Tracking Number:	018151013FLE
Transporter Line Number:	1
Transporter EPA ID:	MNS000110924
Transporter Name:	Clean Earth Specialty Waste Solutions

Waste Line:

Manifest Tracking Number:	018151013FLE
Waste Line Number:	1
U.S. DOT Hazardous Indicator:	N
U.S. DOT ID Number:	Not Reported
U.S. DOT Description:	Not Reported
Non-Hazardous Waste Description:	Non-Rcra, Non-Dot Regulated Material (Formalin)

U OF IL HOSP & HLTH PATHOLOGY, 1740 W TAYLOR ST, RM MC750, CHICAGO, IL 60612-7232 (Continued)

Number of Containers:	1
Container Type Code:	DF
Container Type Description:	Fiberboard or plastic drums, barrels, kegs
Waste Quantity:	30
Quantity Unit of Measure Code:	G
Quantity Unit of Measure Description:	Gallons
Waste Quantity, in Tons:	0.12510425
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.12510425
Waste Quantity, in Kilograms:	113.47331
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	113.47331
Management Method Code:	H141
Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not Reported
Waste Density Unit of Measure Code:	Not Reported
Waste Density Unit of Measure Description:	Not Reported
Form Code:	Not Reported
Form Code Description:	Not Reported
Source Code:	Not Reported
Source Code Description:	Not Reported
Waste Minimization Code:	Not Reported
Waste Minimization Code Description:	Not Reported
Consent Number:	Not Reported
EPA Waste Indicator:	N
Federal Waste Codes:	Not Reported
Quantity Haz Kg:	Not Reported
Quantity Haz Tons:	Not Reported
Quantity Non Haz Kg:	113.47331
Quantity Non Haz Tons:	0.12510425
State Waste Codes:	Not Reported

The Click here to access 22 additional US EManifest: record(s) in the EDR Site Report. database contains http://www.edrnet.com/srf2/FinalSiteReport.aspx?ID=6HIh638kHejII6b7hay03eJF3XfP8GKbk.mdAqxJef3aj3XHI7jp51oM6ESkbgR47g4531X.aoREym190ODy4.YweyB6JkWoF49t3oebXOGTfl3APfYc49G6G1siK8YfbUrO4.5k.KqsmIMtdRZeCQqsqYf.xPYBJxNU6qW6HXdNI.A8hSEi3l9p30aC8pnbk4Ak9i9XeFssjVEQItfT3tqF6ka4bgRY71.F4NxDakhAyfNd0BQY4thdeiAmJp7mFjEe5TAWX1ZofJzmPcx95RkcGhJ4KWhHbpbN9C5c.ZxWmJtTdyEr6Zw.HjV0Ip0xh9zX4mCD3ePJ8XFFka.C3yK3e3T1jCYaI6X0BMx06aktbzDB7MTD54NlaM90yTfk01qJ5rOLeY1aJ8QiF6Gy375aXhjpf9TLPOKN3NayGx1cKCHibV4Z8mLh.a66mm1mdcwv3Ij9qICUxasyJnxK2zlxfFej3j9ta4Pf5dxj3QmUXVrpHdMsvUK17ddhjLO5pI7S6SshHdS5IgQ0h8J643Mt34Q485gvktRL3d9XeRcljykVI7K74mrf657Vbfrq7b.f3iSiaVzjyrLM0YxA6qpWexm7JQY7F5h.5susXjnlfSHVPc0N6fbyGvJ8KxYJbrUY8qQJ.857mwWrdV944PT6q6CpxqigJxl038aufowv3sRRaVJtCaxg33hVXX30Hg1MAInT7dAqj00zp0B.3 additional records for this site. Please contact your EDR Account Executive for more information.

U OF IL HOSP & HLTH PATHOLOGY 1110 1740 W TAYLOR ST, RM MC750, CHICAGO, IL, 60612-7232		1032351096
▲ C30	SSW <1/10 (188 ft. / 0.036 mi.) Equal Elevation 593 ft. Above Sea Level	Other Ascertainable Records

MAP FINDINGS

Worksheet:

E MANIFEST: Other Ascertainable Records

Manifest Tracking Number:	024141100JJK
Last Updated Date:	20240812
Shipped Date:	20220623
Received Date:	20220701
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	U Of Il Hosp & Hlth Pathology
Generator Location Street Number:	1110
Generator Location Street 1:	1110 1740 W TAYLOR ST, RM MC750
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612-7232
Generator Mail Street Number:	1129
Generator Mail Street 1:	912 S PAULINA STREET
Generator Mail Street 2:	Not Reported
Generator Mail City:	CHICAGO
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	515
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 LYCASTE ST.
Designated Facility Mail City:	DETROIT
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	421
Designated Facility Location Street 1:	LYCASTE ST.
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	DETROIT
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	016090819FLE
Last Updated Date:	20240801
Shipped Date:	20221012
Received Date:	20221021
Manifest Status:	Signed
Submission Type:	DataImage5Copy

U OF IL HOSP & HLTH PATHOLOGY, 1110 1740 W TAYLOR ST, RM MC750, CHICAGO, IL 60612-7232 (Continued)

Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	U Of Il Hosp & Hlth Pathology
Generator Location Street Number:	1110
Generator Location Street 1:	1110 1740 W TAYLOR ST, RM MC750
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612-7232
Generator Mail Street Number:	1129
Generator Mail Street 1:	912 S PAULINA STREET
Generator Mail Street 2:	Not Reported
Generator Mail City:	CHICAGO
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	515
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 LYCASTE ST.
Designated Facility Mail City:	DETROIT
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	421
Designated Facility Location Street 1:	LYCASTE ST.
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	DETROIT
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	018166866FLE
Last Updated Date:	20231220
Shipped Date:	20231206
Received Date:	20231209
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	U Of Il Hosp & Hlth Pathology
Generator Location Street Number:	1110
Generator Location Street 1:	1110 1740 W TAYLOR ST, RM MC750
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL

U OF IL HOSP & HLTH PATHOLOGY, 1110 1740 W TAYLOR ST, RM MC750, CHICAGO, IL 60612-7232 (Continued)

Generator Location Zip:	60612-7232
Generator Mail Street Number:	1129
Generator Mail Street 1:	912 S Paulina Street
Generator Mail Street 2:	Not Reported
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 Lycaste St.
Designated Facility Mail City:	Detroit
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	421 Lycaste St.
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Detroit
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	018167009FLE
Last Updated Date:	20240102
Shipped Date:	20231213
Received Date:	20231219
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	U Of Il Hosp & Hlth Pathology
Generator Location Street Number:	1110
Generator Location Street 1:	1110 1740 W TAYLOR ST, RM MC750
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612-7232
Generator Mail Street Number:	1129
Generator Mail Street 1:	912 S Paulina Street
Generator Mail Street 2:	Not Reported
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported

U OF IL HOSP & HLTH PATHOLOGY, 1110 1740 W TAYLOR ST, RM MC750, CHICAGO, IL 60612-7232 (Continued)

Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 Lycaste St.
Designated Facility Mail City:	Detroit
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	421 Lycaste St.
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Detroit
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	019416686FLE
Last Updated Date:	20240422
Shipped Date:	20240403
Received Date:	20240416
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	U Of Il Hosp & Hlth Pathology
Generator Location Street Number:	1110
Generator Location Street 1:	1110 1740 W TAYLOR ST, RM MC750
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612-7232
Generator Mail Street Number:	1129
Generator Mail Street 1:	912 S Paulina Street
Generator Mail Street 2:	Not Reported
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 Lycaste St.
Designated Facility Mail City:	Detroit
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI

U OF IL HOSP & HLTH PATHOLOGY, 1110 1740 W TAYLOR ST, RM MC750, CHICAGO, IL 60612-7232 (Continued)

Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	421 Lycaste St.
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Detroit
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	019416798FLE
Last Updated Date:	20240506
Shipped Date:	20240410
Received Date:	20240418
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	U Of Il Hosp & Hlth Pathology
Generator Location Street Number:	1110
Generator Location Street 1:	1110 1740 W TAYLOR ST, RM MC750
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612-7232
Generator Mail Street Number:	1129
Generator Mail Street 1:	912 S PAULINA STREET
Generator Mail Street 2:	Not Reported
Generator Mail City:	CHICAGO
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 LYCASTE ST.
Designated Facility Mail City:	DETROIT
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	421 LYCASTE ST.
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	DETROIT
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported

U OF IL HOSP & HLTH PATHOLOGY, 1110 1740 W TAYLOR ST, RM MC750, CHICAGO, IL 60612-7232 (Continued)

Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	019416962FLE
Last Updated Date:	20240520
Shipped Date:	20240417
Received Date:	20240503
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	U Of Il Hosp & Hlth Pathology
Generator Location Street Number:	1110
Generator Location Street 1:	1110 1740 W TAYLOR ST, RM MC750
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612-7232
Generator Mail Street Number:	1129
Generator Mail Street 1:	912 S PAULINA STREET
Generator Mail Street 2:	Not Reported
Generator Mail City:	CHICAGO
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 LYCASTE ST.
Designated Facility Mail City:	DETROIT
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	421 LYCASTE ST.
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	DETROIT
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	018165402FLE
Last Updated Date:	20231030
Shipped Date:	20231018
Received Date:	20231024
Manifest Status:	Signed
Submission Type:	DataImage5Copy

U OF IL HOSP & HLTH PATHOLOGY, 1110 1740 W TAYLOR ST, RM MC750, CHICAGO, IL 60612-7232 (Continued)

Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	U Of Il Hosp & Hlth Pathology
Generator Location Street Number:	1110
Generator Location Street 1:	1110 1740 W TAYLOR ST, RM MC750
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612-7232
Generator Mail Street Number:	1129
Generator Mail Street 1:	912 S Paulina Street
Generator Mail Street 2:	Not Reported
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 Lycaste St.
Designated Facility Mail City:	Detroit
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	421 Lycaste St.
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Detroit
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	018165517FLE
Last Updated Date:	20231117
Shipped Date:	20231025
Received Date:	20231101
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	U Of Il Hosp & Hlth Pathology
Generator Location Street Number:	1110
Generator Location Street 1:	1110 1740 W TAYLOR ST, RM MC750
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL

U OF IL HOSP & HLTH PATHOLOGY, 1110 1740 W TAYLOR ST, RM MC750, CHICAGO, IL 60612-7232 (Continued)

Generator Location Zip:	60612-7232
Generator Mail Street Number:	1129
Generator Mail Street 1:	912 S Paulina Street
Generator Mail Street 2:	Not Reported
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 Lycaste St.
Designated Facility Mail City:	Detroit
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	421 Lycaste St.
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Detroit
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	018165644FLE
Last Updated Date:	20231117
Shipped Date:	20231101
Received Date:	20231108
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	U Of Il Hosp & Hlth Pathology
Generator Location Street Number:	1110
Generator Location Street 1:	1110 1740 W TAYLOR ST, RM MC750
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612-7232
Generator Mail Street Number:	1129
Generator Mail Street 1:	912 S Paulina Street
Generator Mail Street 2:	Not Reported
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported

U OF IL HOSP & HLTH PATHOLOGY, 1110 1740 W TAYLOR ST, RM MC750, CHICAGO, IL 60612-7232 (Continued)

Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 Lycaste St.
Designated Facility Mail City:	Detroit
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	421 Lycaste St.
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Detroit
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	018165803FLE
Last Updated Date:	20231208
Shipped Date:	20231108
Received Date:	20231121
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	U Of Il Hosp & Hlth Pathology
Generator Location Street Number:	1110
Generator Location Street 1:	1110 1740 W TAYLOR ST, RM MC750
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612-7232
Generator Mail Street Number:	1129
Generator Mail Street 1:	912 S Paulina Street
Generator Mail Street 2:	Not Reported
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 Lycaste St.
Designated Facility Mail City:	Detroit
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI

U OF IL HOSP & HLTH PATHOLOGY, 1110 1740 W TAYLOR ST, RM MC750, CHICAGO, IL 60612-7232 (Continued)

Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	421 Lycaste St.
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Detroit
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Transporter:

Manifest Tracking Number:	018165982FLE
Transporter Line Number:	1
Transporter EPA ID:	MNS000110924
Transporter Name:	Clean Earth Specialty Waste Solutions

Waste Line:

Manifest Tracking Number:	018165982FLE
Waste Line Number:	1
U.S. DOT Hazardous Indicator:	N
U.S. DOT ID Number:	Not Reported
U.S. DOT Description:	Not Reported
Non-Hazardous Waste Description:	Non-Rcra, Non-Dot Regulated Material
Number of Containers:	4
Container Type Code:	DF
Container Type Description:	Fiberboard or plastic drums, barrels, kegs
Waste Quantity:	685
Quantity Unit of Measure Code:	P
Quantity Unit of Measure Description:	Pounds
Waste Quantity, in Tons:	0.3425
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.3425
Waste Quantity, in Kilograms:	310.65778
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	310.65778
Management Method Code:	H141
Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not Reported
Waste Density Unit of Measure Code:	Not Reported
Waste Density Unit of Measure Description:	Not Reported
Form Code:	Not Reported
Form Code Description:	Not Reported
Source Code:	Not Reported

U OF IL HOSP & HLTH PATHOLOGY, 1110 1740 W TAYLOR ST, RM MC750, CHICAGO, IL 60612-7232 (Continued)

Source Code Description:	Not Reported
Waste Minimization Code:	Not Reported
Waste Minimization Code Description:	Not Reported
Consent Number:	Not Reported
EPA Waste Indicator:	N
Federal Waste Codes:	Not Reported
Quantity Haz Kg:	Not Reported
Quantity Haz Tons:	Not Reported
Quantity Non Haz Kg:	310.65778
Quantity Non Haz Tons:	0.3425
State Waste Codes:	Not Reported
Manifest Tracking Number:	018165982FLE
Waste Line Number:	2
U.S. DOT Hazardous Indicator:	N
U.S. DOT ID Number:	Not Reported
U.S. DOT Description:	Not Reported
Non-Hazardous Waste Description:	Non-Rcra, Non-Dot Regulated Material (Formalin)
Number of Containers:	1
Container Type Code:	DF
Container Type Description:	Fiberboard or plastic drums, barrels, kegs
Waste Quantity:	30
Quantity Unit of Measure Code:	G
Quantity Unit of Measure Description:	Gallons
Waste Quantity, in Tons:	0.12510425
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.12510425
Waste Quantity, in Kilograms:	113.47331
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	113.47331
Management Method Code:	H141
Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not Reported
Waste Density Unit of Measure Code:	Not Reported
Waste Density Unit of Measure Description:	Not Reported
Form Code:	Not Reported
Form Code Description:	Not Reported
Source Code:	Not Reported
Source Code Description:	Not Reported
Waste Minimization Code:	Not Reported
Waste Minimization Code Description:	Not Reported
Consent Number:	Not Reported
EPA Waste Indicator:	N
Federal Waste Codes:	Not Reported
Quantity Haz Kg:	Not Reported
Quantity Haz Tons:	Not Reported

U OF IL HOSP & HLTH PATHOLOGY, 1110 1740 W TAYLOR ST, RM MC750, CHICAGO, IL 60612-7232 (Continued)

Quantity Non Haz Kg:	113.47331
Quantity Non Haz Tons:	0.12510425
State Waste Codes:	Not Reported

The Click here to access 19 additional US EManifest: record(s) in the EDR Site Report. database contains http://www.edrnet.com/srf2/FinalSiteReport.aspx?ID=6uKU6xs5uthZKCiMUide3Fsnx10asp4m5M3FAUkotpFoh1yEZ.3T59dPCVflibQeML.B3bitiCTtdJCQeLLg4rWcFFv6sbsInpwE338v1tZh0LMqaRLd4fAvpbIP4QlimbuG4XIJM3s93zK4FLpOC0fwUmvxkvW8oVeR68eCunjxKD7sUoZo3kJOxqlMsqAn5Crs9suBtOrVhpowZJ3U3.8yCUEmiZsVMGwP4Zemion.dIbCeRy44TUGFv8csFpnnyXd5mLo1Gri00HMaAlF5b1wp6Ji4tIJm0tZ9.knMhTz3S0fF73t6DY5urPqKEmUUP1W4.KNx9Nss9DI5MVM3BzitcPkhs.fZS5bBvbsC5NYisD4MOf55I4YiME8dUMBeUt45TIfFEwnsX5Ynphh3r8K1c9U0mswaNc83qCepBOk475kmr4Y8TDXM1pw3XUjFTHl3qgVUDnHkxqBoiD92xF3pXYzFaIqoYAD5Dmz1ARCy9mgEY05vX.i.o8G3At8TCtL64kyuBLPK6a8UivO479wxwb6shOV5UYU36TJtTt3hP5zZelk4rd4CfO6i55WMOAa3SNFislSdDVreulm6L1uFQNjsMwWnGIZ5ilv15dj0wE.atBc6TLzp.5d4OYJmXlf8iSOM.e53a1HFzI44airUQV8kJ4.ongK3PhOptEEFq9PorIbCd8J1R83yjZgEdbN9Xak.5PB3BqsTeGo3 additional records for this site. Please contact your EDR Account Executive for more information.

U OF IL HOSP & HITH-PATHOLOGY 1740 W TAYLOR ST ROOM 3134 (M/C750), CHICAGO, IL, 60612			1032351094
▲ C31	SSW <1/10	(188 ft. / 0.036 mi.)	Other Ascertainable Records
	Equal Elevation	593 ft. Above Sea Level	

Worksheet:

E MANIFEST: Other Ascertainable Records

Manifest Tracking Number:	021326457JJK
Last Updated Date:	20200617
Shipped Date:	20200117
Received Date:	20200205
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CESQG
Generator Name:	U Of Il Hosp & Hith-Pathology
Generator Location Street Number:	Not Reported
Generator Location Street 1:	1740 W TAYLOR ST ROOM 3134 (M/C750)
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	1740 W Taylor St Room 3134 (m/c750)
Generator Mail Street 2:	Not Reported
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro-Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	515
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	LYCASTE ST
Designated Facility Mail City:	DETROIT
Designated Facility Mail Zip:	48214

U OF IL HOSP & HITH-PATHOLOGY, 1740 W TAYLOR ST ROOM 3134 (M/C750), CHICAGO, IL 60612 (Continued)

Designated Facility Mail State:	MI
Designated Facility Location Street Number:	421
Designated Facility Location Street 1:	LYCASTE ST
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	DETROIT
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Transporter:

Manifest Tracking Number:	021326457JJK
Transporter Line Number:	1
Transporter EPA ID:	MNS000110924
Transporter Name:	Stericycle Specialty Waste Solutions Inc

Waste Line:

Manifest Tracking Number:	021326457JJK
Waste Line Number:	1
U.S. DOT Hazardous Indicator:	N
U.S. DOT ID Number:	Not Reported
U.S. DOT Description:	Not Reported
Non-Hazardous Waste Description:	Non Rcra Non Dot Regulated Material (Formalin)
Number of Containers:	1
Container Type Code:	DF
Container Type Description:	Fiberboard or plastic drums, barrels, kegs
Waste Quantity:	55
Quantity Unit of Measure Code:	G
Quantity Unit of Measure Description:	Gallons
Waste Quantity, in Tons:	0.2293578
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.2293578
Waste Quantity, in Kilograms:	208.03441
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	208.03441
Management Method Code:	H141
Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not Reported
Waste Density Unit of Measure Code:	Not Reported
Waste Density Unit of Measure Description:	Not Reported
Form Code:	Not Reported
Form Code Description:	Not Reported

U OF IL HOSP & HITH-PATHOLOGY, 1740 W TAYLOR ST ROOM 3134 (M/C750), CHICAGO, IL 60612 (Continued)

Source Code:	Not Reported
Source Code Description:	Not Reported
Waste Minimization Code:	Not Reported
Waste Minimization Code Description:	Not Reported
Consent Number:	Not Reported
EPA Waste Indicator:	N
Federal Waste Codes:	Not Reported
Quantity Haz Kg:	0
Quantity Haz Tons:	0
Quantity Non Haz Kg:	208.03441
Quantity Non Haz Tons:	0.2293578
State Waste Codes:	MI-029L

U OF IL HOSP & HLTH PATHOLOGY 1110 1740 W TAYLOR ST RM MC750, CHICAGO, IL, 60612			1032351095
▲ C32	SSW <1/10	(188 ft. / 0.036 mi.)	Other Ascertainable Records
	Equal Elevation	593 ft. Above Sea Level	

Worksheet:

E MANIFEST: Other Ascertainable Records

Manifest Tracking Number:	018994737FLE
Last Updated Date:	20241008
Shipped Date:	20240828
Received Date:	20240912
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	U Of Il Hosp & Hlth Pathology
Generator Location Street Number:	1110
Generator Location Street 1:	1110 1740 W TAYLOR ST RM MC750
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	1129
Generator Mail Street 1:	912 S PAULINA STREET
Generator Mail Street 2:	Not Reported
Generator Mail City:	CHICAGO
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro-Chem Processing Group (Esol)
Designated Facility Mail Street Number:	515
Designated Facility Mail Street 1:	Not Reported

U OF IL HOSP & HLTH PATHOLOGY, 1110 1740 W TAYLOR ST RM MC750, CHICAGO, IL 60612 (Continued)

Designated Facility Mail Street 2:	421 LYCASTE
Designated Facility Mail City:	DETROIT
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	421
Designated Facility Location Street 1:	LYCASTE
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	DETROIT
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	018994855FLE
Last Updated Date:	20241014
Shipped Date:	20240904
Received Date:	20240919
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	U Of Il Hosp & Hlth Pathology
Generator Location Street Number:	1110
Generator Location Street 1:	1110 1740 W TAYLOR ST RM MC750
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	1129
Generator Mail Street 1:	912 S PAULINA STREET
Generator Mail Street 2:	Not Reported
Generator Mail City:	CHICAGO
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro-Chem Processing Group (Esol)
Designated Facility Mail Street Number:	515
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 LYCASTE
Designated Facility Mail City:	DETROIT
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	421
Designated Facility Location Street 1:	LYCASTE
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	DETROIT

U OF IL HOSP & HLTH PATHOLOGY, 1110 1740 W TAYLOR ST RM MC750, CHICAGO, IL 60612 (Continued)

Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	018995012FLE
Last Updated Date:	20241008
Shipped Date:	20240911
Received Date:	20241002
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	U Of Il Hosp & Hlth Pathology
Generator Location Street Number:	1110
Generator Location Street 1:	1110 1740 W TAYLOR ST RM MC750
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	1129
Generator Mail Street 1:	912 S PAULINA STREET
Generator Mail Street 2:	Not Reported
Generator Mail City:	CHICAGO
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro-Chem Processing Group (Esol)
Designated Facility Mail Street Number:	515
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 LYCASTE
Designated Facility Mail City:	DETROIT
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	421
Designated Facility Location Street 1:	LYCASTE
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	DETROIT
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	018995288FLE
Last Updated Date:	20240722

U OF IL HOSP & HLTH PATHOLOGY, 1110 1740 W TAYLOR ST RM MC750, CHICAGO, IL 60612 (Continued)

Shipped Date:	20240710
Received Date:	20240717
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	U Of Il Hosp & Hlth Pathology
Generator Location Street Number:	1110
Generator Location Street 1:	1110 1740 W TAYLOR ST RM MC750
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612-7232
Generator Mail Street Number:	1129
Generator Mail Street 1:	912 S PAULINA STREET
Generator Mail Street 2:	Not Reported
Generator Mail City:	CHICAGO
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro-Chem Processing Group (Esol)
Designated Facility Mail Street Number:	515
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 LYCASTE
Designated Facility Mail City:	DETROIT
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	421
Designated Facility Location Street 1:	LYCASTE
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	DETROIT
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	018995425FLE
Last Updated Date:	20240812
Shipped Date:	20240717
Received Date:	20240727
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	U Of Il Hosp & Hlth Pathology
Generator Location Street Number:	1110

U OF IL HOSP & HLTH PATHOLOGY, 1110 1740 W TAYLOR ST RM MC750, CHICAGO, IL 60612 (Continued)

Generator Location Street 1:	1110 1740 W TAYLOR ST RM MC750
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612-7232
Generator Mail Street Number:	1129
Generator Mail Street 1:	912 S PAULINA STREET
Generator Mail Street 2:	Not Reported
Generator Mail City:	CHICAGO
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro-Chem Processing Group (Esol)
Designated Facility Mail Street Number:	515
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 LYCASTE
Designated Facility Mail City:	DETROIT
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	421
Designated Facility Location Street 1:	LYCASTE
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	DETROIT
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	018995563FLE
Last Updated Date:	20240815
Shipped Date:	20240724
Received Date:	20240801
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	U Of Il Hosp & Hlth Pathology
Generator Location Street Number:	1110
Generator Location Street 1:	1110 1740 W TAYLOR ST RM MC750
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612-7232
Generator Mail Street Number:	1129
Generator Mail Street 1:	912 S PAULINA STREET
Generator Mail Street 2:	Not Reported

U OF IL HOSP & HLTH PATHOLOGY, 1110 1740 W TAYLOR ST RM MC750, CHICAGO, IL 60612 (Continued)

Generator Mail City:	CHICAGO
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro-Chem Processing Group (Esol)
Designated Facility Mail Street Number:	515
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 LYCASTE
Designated Facility Mail City:	DETROIT
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	421
Designated Facility Location Street 1:	LYCASTE
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	DETROIT
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	018995161FLE
Last Updated Date:	20240812
Shipped Date:	20240703
Received Date:	20240711
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	U Of Il Hosp & Hlth Pathology
Generator Location Street Number:	1110
Generator Location Street 1:	1110 1740 W TAYLOR ST RM MC750
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612-7232
Generator Mail Street Number:	1129
Generator Mail Street 1:	912 S PAULINA STREET
Generator Mail Street 2:	Not Reported
Generator Mail City:	CHICAGO
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro-Chem Processing Group (Esol)
Designated Facility Mail Street Number:	515
Designated Facility Mail Street 1:	Not Reported

U OF IL HOSP & HLTH PATHOLOGY, 1110 1740 W TAYLOR ST RM MC750, CHICAGO, IL 60612 (Continued)

Designated Facility Mail Street 2:	421 LYCASTE
Designated Facility Mail City:	DETROIT
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	421
Designated Facility Location Street 1:	LYCASTE
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	DETROIT
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	018995854FLE
Last Updated Date:	20240903
Shipped Date:	20240807
Received Date:	20240821
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	U Of Il Hosp & Hlth Pathology
Generator Location Street Number:	1110
Generator Location Street 1:	1110 1740 W TAYLOR ST RM MC750
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612-7232
Generator Mail Street Number:	1129
Generator Mail Street 1:	912 S PAULINA STREET
Generator Mail Street 2:	Not Reported
Generator Mail City:	CHICAGO
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro-Chem Processing Group (Esol)
Designated Facility Mail Street Number:	515
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 LYCASTE
Designated Facility Mail City:	DETROIT
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	421
Designated Facility Location Street 1:	LYCASTE
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	DETROIT

U OF IL HOSP & HLTH PATHOLOGY, 1110 1740 W TAYLOR ST RM MC750, CHICAGO, IL 60612 (Continued)

Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	016005949FLE
Last Updated Date:	20241113
Shipped Date:	20240924
Received Date:	20241108
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	U Of Il Hosp & Hlth Pathology
Generator Location Street Number:	1110
Generator Location Street 1:	1110 1740 W TAYLOR ST RM MC750
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	1129
Generator Mail Street 1:	912 S PAULINA STREET
Generator Mail Street 2:	Not Reported
Generator Mail City:	CHICAGO
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro-Chem Processing Group (Esol)
Designated Facility Mail Street Number:	515
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 LYCASTE
Designated Facility Mail City:	DETROIT
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	421
Designated Facility Location Street 1:	LYCASTE
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	DETROIT
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	016006108FLE
Last Updated Date:	20241209

U OF IL HOSP & HLTH PATHOLOGY, 1110 1740 W TAYLOR ST RM MC750, CHICAGO, IL 60612 (Continued)

Shipped Date:	20241001
Received Date:	20241201
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	U Of Il Hosp & Hlth Pathology
Generator Location Street Number:	1110
Generator Location Street 1:	1110 1740 W TAYLOR ST RM MC750
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	1129
Generator Mail Street 1:	912 S PAULINA STREET
Generator Mail Street 2:	Not Reported
Generator Mail City:	CHICAGO
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro-Chem Processing Group (Esol)
Designated Facility Mail Street Number:	515
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 LYCASTE
Designated Facility Mail City:	DETROIT
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	421
Designated Facility Location Street 1:	LYCASTE
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	DETROIT
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	016006235FLE
Last Updated Date:	20250707
Shipped Date:	20241009
Received Date:	20241105
Manifest Status:	Corrected
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	U Of Il Hosp & Hlth Pathology
Generator Location Street Number:	1110

U OF IL HOSP & HLTH PATHOLOGY, 1110 1740 W TAYLOR ST RM MC750, CHICAGO, IL 60612 (Continued)

Generator Location Street 1:	1110 1740 W TAYLOR ST RM MC750
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	1129
Generator Mail Street 1:	912 S PAULINA STREET
Generator Mail Street 2:	Not Reported
Generator Mail City:	CHICAGO
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro-Chem Processing Group (Esol)
Designated Facility Mail Street Number:	515
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 LYCASTE
Designated Facility Mail City:	DETROIT
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	421
Designated Facility Location Street 1:	LYCASTE
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	DETROIT
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Transporter:

Manifest Tracking Number:	016006382FLE
Transporter Line Number:	1
Transporter EPA ID:	MNS000110924
Transporter Name:	Clean Earth Specialty Waste Solutions,

Waste Line:

Manifest Tracking Number:	016006382FLE
Waste Line Number:	1
U.S. DOT Hazardous Indicator:	N
U.S. DOT ID Number:	Not Reported
U.S. DOT Description:	Not Reported
Non-Hazardous Waste Description:	Non-Rcra, Non-Dot Regulated Material
Number of Containers:	4
Container Type Code:	DF
Container Type Description:	Fiberboard or plastic drums, barrels, kegs
Waste Quantity:	624

U OF IL HOSP & HLTH PATHOLOGY, 1110 1740 W TAYLOR ST RM MC750, CHICAGO, IL 60612 (Continued)

Quantity Unit of Measure Code:	P
Quantity Unit of Measure Description:	Pounds
Waste Quantity, in Tons:	0.312
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.312
Waste Quantity, in Kilograms:	282.99336
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	282.99336
Management Method Code:	H141
Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not Reported
Waste Density Unit of Measure Code:	Not Reported
Waste Density Unit of Measure Description:	Not Reported
Form Code:	Not Reported
Form Code Description:	Not Reported
Source Code:	Not Reported
Source Code Description:	Not Reported
Waste Minimization Code:	Not Reported
Waste Minimization Code Description:	Not Reported
Consent Number:	Not Reported
EPA Waste Indicator:	N
Federal Waste Codes:	Not Reported
Quantity Haz Kg:	0
Quantity Haz Tons:	0
Quantity Non Haz Kg:	282.99336
Quantity Non Haz Tons:	0.312
State Waste Codes:	IL-IL14
Manifest Tracking Number:	016006382FLE
Waste Line Number:	2
U.S. DOT Hazardous Indicator:	N
U.S. DOT ID Number:	Not Reported
U.S. DOT Description:	Not Reported
Non-Hazardous Waste Description:	Non-Rcra, Non-Dot Regulated Material (Formalin)
Number of Containers:	1
Container Type Code:	DF
Container Type Description:	Fiberboard or plastic drums, barrels, kegs
Waste Quantity:	30
Quantity Unit of Measure Code:	G
Quantity Unit of Measure Description:	Gallons
Waste Quantity, in Tons:	0.1251
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.1251
Waste Quantity, in Kilograms:	113.47331
Acute Waste Quantity, in Kilograms:	0

U OF IL HOSP & HLTH PATHOLOGY, 1110 1740 W TAYLOR ST RM MC750, CHICAGO, IL 60612 (Continued)

Non-Acute Waste Quantity, in Kilorgrams:	113.469453
Management Method Code:	H141
Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not Reported
Waste Density Unit of Measure Code:	Not Reported
Waste Density Unit of Measure Description:	Not Reported
Form Code:	Not Reported
Form Code Description:	Not Reported
Source Code:	Not Reported
Source Code Description:	Not Reported
Waste Minimization Code:	Not Reported
Waste Minimization Code Description:	Not Reported
Consent Number:	Not Reported
EPA Waste Indicator:	N
Federal Waste Codes:	Not Reported
Quantity Haz Kg:	0
Quantity Haz Tons:	0
Quantity Non Haz Kg:	113.469453
Quantity Non Haz Tons:	0.1251
State Waste Codes:	Not Reported

The Click here to access 59 additional US EManifest: record(s) in the EDR Site Report. database contains http://www.edrnet.com/srf2/FinalSiteReport.aspx?ID=6uKU6xs5uthZKCiMUide3Fsnx10asp4m5M3FAUkotpFoh1yEZ.3T59dPCVflibQeML.B3bitiCTtdJCQeLLg4rWcFFv6sbsInpwE338v1tZh0LMqaRLd4fAvpbIP4QlimbuG4XIJM3s93zK4FLpOC0fwUmvxkvW8oVeR68eCunjxKD7sUoZo3kJOxqlMsqAn5Crs9suBtOrVhpowZJ3U3.8yCUEmiZsVMGwP4Zemion.dIbCeRy44TUGFv8csFpnnyXd5mLo1Gri00HMaAlF5b1wp6Ji4tIJm0tZ9.knMhTz3S0fF73t6DY5urPqKEmUUP1W4.KNx9Nss9DI5MVM3BzitcPkhs.fZS5bBvbsC5NYisD4MOf55I4YiME8dUMBeUt45TIfFEwnsX5Ynphh3r8K1c9U0mswaNc83qCepBOk475kmr4Y8TDXM1pw3XUjFTHI3qgVUDnHkxqBoiD92xF3pXYzFaIqoYAD5Dmz1ARCy9mgEY05vX.i.o8G3At8TCtL64kyuBLPK6a8UivO479wxwb6shOV5UYU36TJtTt3hP5zZelk4rd4CfO6i55WMOAa3SNFislSdDVreulm6L1uFQNjsMwWnGIZ5ilv15dj0wE.atBc6TLzp.5d4OYJmXlf8iSOM.e53a1HFzI44airUQV8kJ4.ongK3PhOptEEFq9PorIbCd8J1R83yjZgEdbN8Xak.5PB3BqsTeGo3 additional records for this site. Please contact your EDR Account Executive for more information.

U OF IL-HOSP & HLTH-PATHOLOGY 1740 W TAYLOR ST, RM MC750, CHICAGO, IL, 60612-7232		1032351101
▲ C33	SSW <1/10 (188 ft. / 0.036 mi.) Equal Elevation 593 ft. Above Sea Level	Other Ascertainable Records

Worksheet:

E MANIFEST: Other Ascertainable Records

Manifest Tracking Number:	023703041JJK
Last Updated Date:	20220207
Shipped Date:	20211229
Received Date:	20220114
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198

U OF IL-HOSP & HLTH-PATHOLOGY, 1740 W TAYLOR ST, RM MC750, CHICAGO, IL 60612-7232 (Continued)

Generator Name:	U Of Il-Hosp & Hlth-Pathology
Generator Location Street Number:	Not Reported
Generator Location Street 1:	1740 W TAYLOR ST, RM MC750
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612-7232
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	912 S Paulina Street,
Generator Mail Street 2:	Not Reported
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 Lycaste St.
Designated Facility Mail City:	Detroit
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	421 Lycaste St.
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Detroit
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	023703106JJK
Last Updated Date:	20220211
Shipped Date:	20220105
Received Date:	20220121
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	U Of Il-Hosp & Hlth-Pathology
Generator Location Street Number:	Not Reported
Generator Location Street 1:	1740 W TAYLOR ST, RM MC750
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612-7232
Generator Mail Street Number:	Not Reported

U OF IL-HOSP & HLTH-PATHOLOGY, 1740 W TAYLOR ST, RM MC750, CHICAGO, IL 60612-7232 (Continued)

Generator Mail Street 1:	912 S Paulina Street,
Generator Mail Street 2:	Not Reported
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 Lycaste St.
Designated Facility Mail City:	Detroit
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	421 Lycaste St.
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Detroit
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	023703309JJK
Last Updated Date:	20220211
Shipped Date:	20220112
Received Date:	20220127
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	U Of Il-Hosp & Hlth-Pathology
Generator Location Street Number:	Not Reported
Generator Location Street 1:	1740 W TAYLOR ST, RM MC750
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612-7232
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	912 S Paulina Street,
Generator Mail Street 2:	Not Reported
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc

U OF IL-HOSP & HLTH-PATHOLOGY, 1740 W TAYLOR ST, RM MC750, CHICAGO, IL 60612-7232 (Continued)

Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 Lycaste St.
Designated Facility Mail City:	Detroit
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	421 Lycaste St.
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Detroit
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	023703471JJK
Last Updated Date:	20220221
Shipped Date:	20220119
Received Date:	20220205
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	U Of Il-Hosp & Hlth-Pathology
Generator Location Street Number:	Not Reported
Generator Location Street 1:	1740 W TAYLOR ST, RM MC750
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612-7232
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	912 S Paulina Street,
Generator Mail Street 2:	Not Reported
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 Lycaste St.
Designated Facility Mail City:	Detroit
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	Not Reported

U OF IL-HOSP & HLTH-PATHOLOGY, 1740 W TAYLOR ST, RM MC750, CHICAGO, IL 60612-7232 (Continued)

Designated Facility Location Street 1:	421 Lycaste St.
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Detroit
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	023703636JJK
Last Updated Date:	20220803
Shipped Date:	20220413
Received Date:	20220421
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	U Of Il-Hosp & Hlth-Pathology
Generator Location Street Number:	Not Reported
Generator Location Street 1:	1740 W TAYLOR ST, RM MC750
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612-7232
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	912 S Paulina Street,
Generator Mail Street 2:	Not Reported
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 Lycaste St.
Designated Facility Mail City:	Detroit
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	421 Lycaste St.
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Detroit
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

U OF IL-HOSP & HLTH-PATHOLOGY, 1740 W TAYLOR ST, RM MC750, CHICAGO, IL 60612-7232 (Continued)

Manifest Tracking Number:	023703810JJK
Last Updated Date:	20220624
Shipped Date:	20220420
Received Date:	20220427
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	U Of Il-Hosp & Hlth-Pathology
Generator Location Street Number:	Not Reported
Generator Location Street 1:	1740 W TAYLOR ST, RM MC750
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612-7232
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	912 S Paulina Street,
Generator Mail Street 2:	Not Reported
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 Lycaste St.
Designated Facility Mail City:	Detroit
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	421 Lycaste St.
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Detroit
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	023704529JJK
Last Updated Date:	20220303
Shipped Date:	20220209
Received Date:	20220217
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198

U OF IL-HOSP & HLTH-PATHOLOGY, 1740 W TAYLOR ST, RM MC750, CHICAGO, IL 60612-7232 (Continued)

Generator Name:	U Of Il-Hosp & Hlth-Pathology
Generator Location Street Number:	Not Reported
Generator Location Street 1:	1740 W TAYLOR ST, RM MC750
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612-7232
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	912 S Paulina Street,
Generator Mail Street 2:	Not Reported
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 Lycaste St.
Designated Facility Mail City:	Detroit
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	421 Lycaste St.
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Detroit
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	023704690JJK
Last Updated Date:	20220321
Shipped Date:	20220216
Received Date:	20220225
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	U Of Il-Hosp & Hlth-Pathology
Generator Location Street Number:	Not Reported
Generator Location Street 1:	1740 W TAYLOR ST, RM MC750
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612-7232
Generator Mail Street Number:	Not Reported

U OF IL-HOSP & HLTH-PATHOLOGY, 1740 W TAYLOR ST, RM MC750, CHICAGO, IL 60612-7232 (Continued)

Generator Mail Street 1:	912 S Paulina Street,
Generator Mail Street 2:	Not Reported
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 Lycaste St.
Designated Facility Mail City:	Detroit
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	421 Lycaste St.
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Detroit
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	023704875JJK
Last Updated Date:	20220321
Shipped Date:	20220223
Received Date:	20220303
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	U Of Il-Hosp & Hlth-Pathology
Generator Location Street Number:	Not Reported
Generator Location Street 1:	1740 W TAYLOR ST, RM MC750
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612-7232
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	912 S Paulina Street,
Generator Mail Street 2:	Not Reported
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc

U OF IL-HOSP & HLTH-PATHOLOGY, 1740 W TAYLOR ST, RM MC750, CHICAGO, IL 60612-7232 (Continued)

Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 Lycaste St.
Designated Facility Mail City:	Detroit
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	421 Lycaste St.
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Detroit
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	020664272JJK
Last Updated Date:	20220509
Shipped Date:	20191115
Received Date:	20200130
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	U Of Il-Hosp & Hlth-Pathology
Generator Location Street Number:	Not Reported
Generator Location Street 1:	1740 W TAYLOR ST, RM MC750
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612-7232
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	912 S Paulina Street,
Generator Mail Street 2:	Not Reported
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	INR000007799
Designated Facility Name:	Clean Earth Specialty Waste Solutions, Inc. (Gary)
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	1451 Texas Street
Designated Facility Mail City:	Gary
Designated Facility Mail Zip:	46402
Designated Facility Mail State:	IN
Designated Facility Location Street Number:	Not Reported

U OF IL-HOSP & HLTH-PATHOLOGY, 1740 W TAYLOR ST, RM MC750, CHICAGO, IL 60612-7232 (Continued)

Designated Facility Location Street 1:	1451 Texas Street
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Gary
Designated Facility Location Zip:	46402
Designated Facility Location State:	IN
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	024130518JJK
Last Updated Date:	20230310
Shipped Date:	20221228
Received Date:	20230104
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	U Of Il-Hosp & Hlth-Pathology
Generator Location Street Number:	Not Reported
Generator Location Street 1:	1740 W TAYLOR ST, RM MC750
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612-7232
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	912 S Paulina Street,
Generator Mail Street 2:	Not Reported
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 Lycaste St.
Designated Facility Mail City:	Detroit
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	421 Lycaste St.
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Detroit
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

U OF IL-HOSP & HLTH-PATHOLOGY, 1740 W TAYLOR ST, RM MC750, CHICAGO, IL 60612-7232 (Continued)

Transporter:

Manifest Tracking Number:	024130888JJK
Transporter Line Number:	1
Transporter EPA ID:	MNS000110924
Transporter Name:	Clean Earth Specialty Waste Solutions

Waste Line:

Manifest Tracking Number:	024130888JJK
Waste Line Number:	1
U.S. DOT Hazardous Indicator:	N
U.S. DOT ID Number:	Not Reported
U.S. DOT Description:	Not Reported
Non-Hazardous Waste Description:	Non Dot Non Rcra Regulated Material
Number of Containers:	4
Container Type Code:	DF
Container Type Description:	Fiberboard or plastic drums, barrels, kegs
Waste Quantity:	720
Quantity Unit of Measure Code:	P
Quantity Unit of Measure Description:	Pounds
Waste Quantity, in Tons:	0.36
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.36
Waste Quantity, in Kilograms:	326.53082
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	326.53082
Management Method Code:	H141
Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not Reported
Waste Density Unit of Measure Code:	Not Reported
Waste Density Unit of Measure Description:	Not Reported
Form Code:	Not Reported
Form Code Description:	Not Reported
Source Code:	Not Reported
Source Code Description:	Not Reported
Waste Minimization Code:	Not Reported
Waste Minimization Code Description:	Not Reported
Consent Number:	Not Reported
EPA Waste Indicator:	N
Federal Waste Codes:	Not Reported
Quantity Haz Kg:	0
Quantity Haz Tons:	0
Quantity Non Haz Kg:	326.53082
Quantity Non Haz Tons:	0.36
State Waste Codes:	Not Reported

U OF IL-HOSP & HLTH-PATHOLOGY, 1740 W TAYLOR ST, RM MC750, CHICAGO, IL 60612-7232 (Continued)

The Click here to access 51 additional US EManifest: record(s) in the EDR Site Report. database contains http://www.edrnet.com/srf2/FinalSiteReport.aspx?ID=6uKU6xs5uthZKCiMUide3Fsnx10asp4m5M3FAUkotpFoh1yEZ.3T59dPCVflibQeML.B3bitiCTtdJCQeLLg4rWcFFv6sbsInpwE338v1tZh0LMqaRLd4fAvpbIP4QlimbuG4XIJM3s93zK4FLpOC0fwUmvxkvW8oVeR68eCunjxKD7sUoZo3kJOxqlMsqAn5Crs9suBtOrVhpowZJ3U3.8yCUEmiZsVMGwP4Zemion.dIbCeRy44TUGFv8csFpnnyXd5mLo1Gri00HMaAlF5b1wp6Ji4tIJm0tZ9.knMhTz3S0fF73t6DY5urPqKEmUUP1W4.KNx9Nss9DI5MVM3BzitcPkhs.fZS5bBvbsC5NYisD4MOf55I4YiME8dUMBeUt45TIfFEwnsX5Ynphh3r8K1c9U0mswaNc83qCepBOk475kmr4Y8TDXM1pw3XUjFTHl3qgVUDnHkxqBoiD92xF3pXYzFaIqoYAD5Dmz1ARCy9mgEY05vX.i.o8G3At8TCtL64kyuBLPK6a8UivO479wxwb6shOV5UYU36TJtTt3hP5zZelk4rd4CfO6i55WMOAa3SNFislSdDVreulm6L1uFQNjsMwWnGIZ5ilv15dj0wE.atBc6TLzp.5d4OYJmXlf8iSOM.e53a1HFzI44airUQV8kJ4.ongK4PhOptEEFq9Porlb3d8J1R83yjZgEdbN4Xak.5PB3BqsTeGo3 additional records for this site. Please contact your EDR Account Executive for more information.

MANGOS HARRY 1002 S PAULINA, CHICAGO, IL,			1009205884
▲ D34	SSE <1/10	(266 ft. / 0.05 mi.)	EDR Exclusive Records
	Equal Elevation	593 ft. Above Sea Level	

Worksheet:

EDR Hist Cleaner: EDR Exclusive Records

Year:	Name: / Type:
1928:	MANGOS HARRY / CLEANERS GARMENTS CURTAINS AND DRAPERIES

REPPLE ARCH METAL INC. 933 S PAULINA ST, CHICAGO, IL,			S121865377
▲ E35	SSE <1/10	(270 ft. / 0.051 mi.)	Local Lists of Registered Storage Tanks
	Equal Elevation	593 ft. Above Sea Level	

Worksheet:

CHICAGO TANKS: Local Lists of Registered Storage Tanks

Facility ID:	933PAUL1946-10-21
Name:	REPPLE ARCH METAL INC.
Address:	933 S PAULINA ST
City:	CHICAGO
State:	IL
Tank Type:	UNDERGROUND STORAGE TANK
Owner:	Not Reported
Tank ID:	Not Reported
Tank Material:	Not Reported
Tank Construction:	Not Reported
Substance:	Not Reported
Tank Capacity:	Not Reported
Install Date:	10/21/1946
Removal Date:	Not Reported
Last Used Date:	Not Reported
Comments:	WORK BY: MOSBECK OIL EQUIPMENT; INSTALL 1-1.5K F.O.
Data Source:	HISTORIC DEPT. OF BUILDINGS
Latitude:	41.869451799335899
Longitude:	-87.668826324338298

POPES GARAGE 933 S PAULINA, CHICAGO, IL,			1009102876
▲ E36	SSE <1/10	(270 ft. / 0.051 mi.)	EDR Exclusive Records
	Equal Elevation	593 ft. Above Sea Level	

Worksheet:

EDR Hist Auto: EDR Exclusive Records

Year:	Name: / Type:
1928:	POPES GARAGE / AUTOMOBILE GARAGES

WESTMINSTER FOUNDATION 729 S PAULINA ST, CHICAGO, IL,			S121862495
▲ 37	NE <1/10	(288 ft. / 0.055 mi.)	Local Lists of Registered Storage Tanks Other Ascertainable Records
	Equal Elevation	593 ft. Above Sea Level	

Worksheet:

CHICAGO TANKS: Local Lists of Registered Storage Tanks

Facility ID:	729PAUL1959-10-19
Name:	WESTMINSTER FOUNDATION
Address:	729 S PAULINA ST
City:	CHICAGO
State:	IL
Tank Type:	UNDERGROUND STORAGE TANK
Owner:	Not Reported
Tank ID:	Not Reported
Tank Material:	Not Reported
Tank Construction:	Not Reported
Substance:	Not Reported
Tank Capacity:	Not Reported
Install Date:	10/19/1959
Removal Date:	Not Reported
Last Used Date:	Not Reported
Comments:	WORK BY: CAMPBELL LOWRIR LAUTERMILCH; INSTALL 1-1K F.O.
Data Source:	HISTORIC DEPT. OF BUILDINGS
Latitude:	41.871959039849301
Longitude:	-87.668900008010695

CHICAGO INSPECT: Other Ascertainable Records

Name:	Not Reported
Address:	729 S PAULINA ST
City,State,Zip:	CHICAGO, IL
Inspection ID:	DOEINS149160
Modified Date:	Not Reported
Inspection Name:	RUSH PRESBYTERIAN ST. LUKES

WESTMINSTER FOUNDATION, 729 S PAULINA ST, CHICAGO, IL (Continued)

Inspection Category:	DEMOLITION/ASBESTOS
Inspection Sub-Category:	Not Reported
Inspector:	42
Inspection Date:	1998-09-21 00:00:00
Data Source:	HISTORIC DEPT. OF ENVIRONMENT
Location:	POINT (-87.668900008011 41.871959039849)
Latitude:	41.87195904
Longitude:	-87.668900008

Name:	Not Reported
Address:	729 S PAULINA ST
City,State,Zip:	CHICAGO, IL
Inspection ID:	DOEINS149162
Modified Date:	Not Reported
Inspection Name:	RUSH HOSPITAL
Inspection Category:	MISCELLANEOUS INSPECTION
Inspection Sub-Category:	A8
Inspector:	130
Inspection Date:	2009-05-28 00:00:00
Data Source:	HISTORIC DEPT. OF ENVIRONMENT
Location:	POINT (-87.668900008011 41.871959039849)
Latitude:	41.87195904
Longitude:	-87.668900008

Name:	Not Reported
Address:	729 S PAULINA ST
City,State,Zip:	CHICAGO, IL
Inspection ID:	DOEINS149161
Modified Date:	Not Reported
Inspection Name:	RUSH HOSPITAL
Inspection Category:	NOISE
Inspection Sub-Category:	Not Reported
Inspector:	130
Inspection Date:	2009-05-22 00:00:00
Data Source:	HISTORIC DEPT. OF ENVIRONMENT
Location:	POINT (-87.668900008011 41.871959039849)
Latitude:	41.87195904
Longitude:	-87.668900008

Name:	Not Reported
Address:	729 S PAULINA ST
City,State,Zip:	CHICAGO, IL
Inspection ID:	DOEINS149163
Modified Date:	Not Reported
Inspection Name:	DEMO SITE
Inspection Category:	DEMOLITION/ASBESTOS
Inspection Sub-Category:	Not Reported
Inspector:	85
Inspection Date:	2009-09-22 00:00:00
Data Source:	HISTORIC DEPT. OF ENVIRONMENT
Location:	POINT (-87.668900008011 41.871959039849)

WESTMINSTER FOUNDATION, 729 S PAULINA ST, CHICAGO, IL (Continued)

Latitude: 41.87195904
Longitude: -87.668900008

MOY SAM 1721 TAYLOR, CHICAGO, IL,			1009214417
▲ D38	S <1/10	(294 ft. / 0.056 mi.)	EDR Exclusive Records
	Equal Elevation	593 ft. Above Sea Level	

Worksheet:

EDR Hist Cleaner: EDR Exclusive Records

Year:	Name: / Type:
1923:	MOY SAM / LAUNDRIES (CHINESE)

TUCKER WM 1749 TAYLOR, CHICAGO, IL,			1009103685
▲ C39	S <1/10	(305 ft. / 0.058 mi.)	EDR Exclusive Records
	Equal Elevation	593 ft. Above Sea Level	

Worksheet:

EDR Hist Auto: EDR Exclusive Records

Year:	Name: / Type:
1928:	TUCKER WM / AUTOMOBILE REPAIRING

RXW/UI HEALTH SPECIALTY CARE B 1009 S WOOD ST, CHICAGO, IL, 60612			1032279289
▲ C40	SSW <1/10	(360 ft. / 0.068 mi.)	Other Ascertainable Records
	Equal Elevation	593 ft. Above Sea Level	

Worksheet:

E MANIFEST: Other Ascertainable Records

Manifest Tracking Number:	018995010FLE
Last Updated Date:	20241008
Shipped Date:	20240911
Received Date:	20241002
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CESQG
Generator Name:	Rxw/Ui Health Specialty Care B
Generator Location Street Number:	Not Reported

RXW/UI HEALTH SPECIALTY CARE B, 1009 S WOOD ST, CHICAGO, IL 60612 (Continued)

Generator Location Street 1:	1009 S WOOD ST
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	1009 S WOOD ST
Generator Mail Street 2:	Not Reported
Generator Mail City:	CHICAGO
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro-Chem Processing Group (Esol)
Designated Facility Mail Street Number:	515
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 LYCASTE
Designated Facility Mail City:	DETROIT
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	421
Designated Facility Location Street 1:	LYCASTE
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	DETROIT
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	018995423FLE
Last Updated Date:	20240812
Shipped Date:	20240717
Received Date:	20240727
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	VSQG
Generator Name:	Rxw/Ui Health Specialty Care B
Generator Location Street Number:	Not Reported
Generator Location Street 1:	1009 S WOOD ST
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612-3747
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	1009 S WOOD ST
Generator Mail Street 2:	Not Reported

RXW/UI HEALTH SPECIALTY CARE B, 1009 S WOOD ST, CHICAGO, IL 60612 (Continued)

Generator Mail City:	CHICAGO
Generator Mail Zip:	60612-3747
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro-Chem Processing Group (Esol)
Designated Facility Mail Street Number:	515
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 LYCASTE
Designated Facility Mail City:	DETROIT
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	421
Designated Facility Location Street 1:	LYCASTE
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	DETROIT
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	016006233FLE
Last Updated Date:	20241113
Shipped Date:	20241008
Received Date:	20241104
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CESQG
Generator Name:	Rxw/Ui Health Specialty Care B
Generator Location Street Number:	Not Reported
Generator Location Street 1:	1009 S WOOD ST
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	1009 S WOOD ST
Generator Mail Street 2:	Not Reported
Generator Mail City:	CHICAGO
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro-Chem Processing Group (Esol)
Designated Facility Mail Street Number:	515
Designated Facility Mail Street 1:	Not Reported

RXW/UI HEALTH SPECIALTY CARE B, 1009 S WOOD ST, CHICAGO, IL 60612 (Continued)

Designated Facility Mail Street 2:	421 LYCASTE
Designated Facility Mail City:	DETROIT
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	421
Designated Facility Location Street 1:	LYCASTE
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	DETROIT
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	016006534FLE
Last Updated Date:	20250331
Shipped Date:	20250305
Received Date:	20250318
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CESQG
Generator Name:	Rxw/Ui Health Specialty Care B
Generator Location Street Number:	Not Reported
Generator Location Street 1:	1009 S WOOD ST
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	1009 S WOOD ST
Generator Mail Street 2:	Not Reported
Generator Mail City:	CHICAGO
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro-Chem Processing Group (Esol)
Designated Facility Mail Street Number:	515
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 LYCASTE
Designated Facility Mail City:	DETROIT
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	421
Designated Facility Location Street 1:	LYCASTE
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	DETROIT

RXW/UI HEALTH SPECIALTY CARE B, 1009 S WOOD ST, CHICAGO, IL 60612 (Continued)

Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	016008132FLE
Last Updated Date:	20250226
Shipped Date:	20250212
Received Date:	20250221
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CESQG
Generator Name:	Rxw/Ui Health Specialty Care B
Generator Location Street Number:	Not Reported
Generator Location Street 1:	1009 S WOOD ST
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	1009 S WOOD ST
Generator Mail Street 2:	Not Reported
Generator Mail City:	CHICAGO
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro-Chem Processing Group (Esol)
Designated Facility Mail Street Number:	515
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 LYCASTE
Designated Facility Mail City:	DETROIT
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	421
Designated Facility Location Street 1:	LYCASTE
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	DETROIT
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	019416546FLE
Last Updated Date:	20250226

RXW/UI HEALTH SPECIALTY CARE B, 1009 S WOOD ST, CHICAGO, IL 60612 (Continued)

Shipped Date:	20250102
Received Date:	20250115
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CESQG
Generator Name:	Rxw/Ui Health Specialty Care B
Generator Location Street Number:	Not Reported
Generator Location Street 1:	1009 S WOOD ST
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	1009 S WOOD ST
Generator Mail Street 2:	Not Reported
Generator Mail City:	CHICAGO
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro-Chem Processing Group (Esol)
Designated Facility Mail Street Number:	515
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 LYCASTE
Designated Facility Mail City:	DETROIT
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	421
Designated Facility Location Street 1:	LYCASTE
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	DETROIT
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	019417303FLE
Last Updated Date:	20241230
Shipped Date:	20241119
Received Date:	20241211
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CESQG
Generator Name:	Rxw/Ui Health Specialty Care B
Generator Location Street Number:	Not Reported

RXW/UI HEALTH SPECIALTY CARE B, 1009 S WOOD ST, CHICAGO, IL 60612 (Continued)

Generator Location Street 1:	1009 S WOOD ST
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	1009 S WOOD ST
Generator Mail Street 2:	Not Reported
Generator Mail City:	CHICAGO
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro-Chem Processing Group (Esol)
Designated Facility Mail Street Number:	515
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 LYCASTE
Designated Facility Mail City:	DETROIT
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	421
Designated Facility Location Street 1:	LYCASTE
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	DETROIT
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	018164700FLE
Last Updated Date:	20240723
Shipped Date:	20240522
Received Date:	20240529
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	VSQG
Generator Name:	Rxw/Ui Health Specialty Care B
Generator Location Street Number:	Not Reported
Generator Location Street 1:	1009 S WOOD ST
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612-3747
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	1009 S WOOD ST
Generator Mail Street 2:	Not Reported

RXW/UI HEALTH SPECIALTY CARE B, 1009 S WOOD ST, CHICAGO, IL 60612 (Continued)

Generator Mail City:	CHICAGO
Generator Mail Zip:	60612-3747
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro-Chem Processing Group (Esol)
Designated Facility Mail Street Number:	515
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 LYCASTE
Designated Facility Mail City:	DETROIT
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	421
Designated Facility Location Street 1:	LYCASTE
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	DETROIT
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	019415464FLE
Last Updated Date:	20250211
Shipped Date:	20250122
Received Date:	20250203
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CESQG
Generator Name:	Rxw/Ui Health Specialty Care B
Generator Location Street Number:	Not Reported
Generator Location Street 1:	1009 S WOOD ST
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	1009 S WOOD ST
Generator Mail Street 2:	Not Reported
Generator Mail City:	CHICAGO
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro-Chem Processing Group (Esol)
Designated Facility Mail Street Number:	515
Designated Facility Mail Street 1:	Not Reported

RXW/UI HEALTH SPECIALTY CARE B, 1009 S WOOD ST, CHICAGO, IL 60612 (Continued)

Designated Facility Mail Street 2:	421 LYCASTE
Designated Facility Mail City:	DETROIT
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	421
Designated Facility Location Street 1:	LYCASTE
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	DETROIT
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	019415989FLE
Last Updated Date:	20241209
Shipped Date:	20241105
Received Date:	20241126
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CESQG
Generator Name:	Rxw/Ui Health Specialty Care B
Generator Location Street Number:	Not Reported
Generator Location Street 1:	1009 S WOOD ST
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	1009 S WOOD ST
Generator Mail Street 2:	Not Reported
Generator Mail City:	CHICAGO
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro-Chem Processing Group (Esol)
Designated Facility Mail Street Number:	515
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 LYCASTE
Designated Facility Mail City:	DETROIT
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	421
Designated Facility Location Street 1:	LYCASTE
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	DETROIT

RXW/UI HEALTH SPECIALTY CARE B, 1009 S WOOD ST, CHICAGO, IL 60612 (Continued)

Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	019416195FLE
Last Updated Date:	20241230
Shipped Date:	20241211
Received Date:	20241228
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CESQG
Generator Name:	Rxw/Ui Health Specialty Care B
Generator Location Street Number:	Not Reported
Generator Location Street 1:	1009 S WOOD ST
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	1009 S WOOD ST
Generator Mail Street 2:	Not Reported
Generator Mail City:	CHICAGO
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro-Chem Processing Group (Esol)
Designated Facility Mail Street Number:	515
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 LYCASTE
Designated Facility Mail City:	DETROIT
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	421
Designated Facility Location Street 1:	LYCASTE
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	DETROIT
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Transporter:

RXW/UI HEALTH SPECIALTY CARE B, 1009 S WOOD ST, CHICAGO, IL 60612 (Continued)

Manifest Tracking Number:	020768701FLE
Transporter Line Number:	1
Transporter EPA ID:	MNS000110924
Transporter Name:	Clean Earth Specialty Waste Solutions,

Waste Line:

Manifest Tracking Number:	020768701FLE
Waste Line Number:	1
U.S. DOT Hazardous Indicator:	Y
U.S. DOT ID Number:	UN3248
U.S. DOT Description:	Rq, Un3248, Waste Medicine, Liquid, Flammable, Toxic, N.O.S. (Alcohols, M-Cresol), 3 (6.1), Pg-Ii, Dot Sp-8445 Rq(D011=1#)
Non-Hazardous Waste Description:	Not Reported
Number of Containers:	1
Container Type Code:	DF
Container Type Description:	Fiberboard or plastic drums, barrels, kegs
Waste Quantity:	158
Quantity Unit of Measure Code:	P
Quantity Unit of Measure Description:	Pounds
Waste Quantity, in Tons:	0.079
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.079
Waste Quantity, in Kilograms:	71.65537
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	71.65537
Management Method Code:	H141
Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not Reported
Waste Density Unit of Measure Code:	Not Reported
Waste Density Unit of Measure Description:	Not Reported
Form Code:	Not Reported
Form Code Description:	Not Reported
Source Code:	Not Reported
Source Code Description:	Not Reported
Waste Minimization Code:	Not Reported
Waste Minimization Code Description:	Not Reported
Consent Number:	Not Reported
EPA Waste Indicator:	Y
Federal Waste Codes:	D001, D007, D009, D010, D011, D024
Quantity Haz Kg:	71.65537
Quantity Haz Tons:	0.079
Quantity Non Haz Kg:	0
Quantity Non Haz Tons:	0
State Waste Codes:	Not Reported

RXW/UI HEALTH SPECIALTY CARE B, 1009 S WOOD ST, CHICAGO, IL 60612 (Continued)

The Click here to access 11 additional US EManifest: record(s) in the EDR Site Report. database contains http://www.edrnet.com/srf2/FinalSiteReport.aspx?ID=6uKU6xs5uthZKCiMUide3Fsnx10asp4m5M3FAUkotpFoh1yEZ.3T59dPCVflibQeML.B3bitiCTtdJCQeLLg4rWcFFv6sbsInpwE338v1tZh0LMqaRLd4fAvpbIP4QlimbuG4XIJM3s93zK4FLpOC0fwUmvxkvW8oVeR68eCunjxKD7sUoZo3kJOxqlMsqAn5Crs9suBtOrVhpowZJ3U3.8yCUEmiZsVMGwP4Zemion.dIbCeRy44TUGFv8csFpnnyXd5mLo1Gri00HMaAlF5b1wp6Ji4tIJm0tZ9.knMhTz3S0fF73t6DY5urPqKEmUUP1W4.KNx9Nss9DI5MVM3BzitcPkhs.fZS5bBvbsC5NYisD4MOf55I4YiME8dUMBeUt45TIfFEwnsX5Ynphh3r8K1c9U0mswaNc83qCepBOk475kmr4Y8TDXM1pw3XUjFTHl3qgVUDnHkxqBoiD92xF3pXYzFaIqoYAD5Dmz1ARCy9mgEY05vX.i.o8G3At8TCtL64kyuBLPK6a8UivO479wxwb6shOV5UYU36TJtTt3hP5zZelk4rd4CfO6i55WMOAa3SNFislSdDVreulm6L1uFQNjsMwWnGIZ5ilv15dj0wE.atBc5TLzp.5d4OYJmXlfAiSOM.e53a1HFzI4CairUQV8kJ4.ongK5PhOptEEFq9PorIbBd8J1R83yjZgEdbNCXak.5PB3BqsTeGo3 additional records for this site. Please contact your EDR Account Executive for more information.

WEST CAMPUS CO GENERATION FACILITY 1717 WEST TAYLOR STREET, CHICAGO, IL, 60607			1028317625
▲ D41	S <1/10	(439 ft. / 0.083 mi.)	Other Ascertainable Records
	Equal Elevation	593 ft. Above Sea Level	

Worksheet:

UST FINDER: Other Ascertainable Records

Object ID:	135534
Facility ID:	IL2035818
Name:	WEST CAMPUS CO GENERATION FACILITY
Address:	1717 WEST TAYLOR STREET
City,State,Zip:	CHICAGO, IL 60607
Address Match Type:	StreetAddress
Open USTs:	2
Closed USTs:	0
TOS USTs:	0
Population 1500ft:	1273
Private Wells 1500ft:	0
Within 100yr Floodplain:	No
Land Use:	Developed, High Intensity
Within SPA:	Yes
SPA PWS Facility ID:	IL0316000_25520
SPA Water Type:	SW - Surface Water
SPA Facility Type:	IN - Intake
SPA HUC12:	031700010602
Within WHPA:	No
WHPA PWS Facility ID:	Not Reported
WHPA Water Type:	Not Reported
WHPA Facility Type:	Not Reported
WHPA HUC12:	Not Reported
Facility Status:	Open UST(s)
Date of Last Inspection:	Not Reported
EPA Region:	5
Tribe:	Not Reported
Coordinate Source:	Geocode
X Coord:	-87.66975108
Y Coord:	41.8691361200001
Latitude:	41.86913612
Longitude:	-87.66975108

UST FINDER:

WEST CAMPUS CO GENERATION FACILITY, 1717 WEST TAYLOR STREET, CHICAGO, IL 60607 (Continued)

Object ID:	472245
Facility ID:	IL2035818
Tank ID:	IL2035818_1
Tank Status:	Open
Installation Date:	2000/02/18 15:59:59+00
Removal Date:	Not Reported
Tank Capacity:	50000
Substances:	Diesel Fuel
Tank Wall Type:	Not Reported

Object ID:	472246
Facility ID:	IL2035818
Tank ID:	IL2035818_2
Tank Status:	Open
Installation Date:	2000/02/18 15:59:59+00
Removal Date:	Not Reported
Tank Capacity:	50000
Substances:	Diesel Fuel
Tank Wall Type:	Not Reported

UIC COGENERATION FACILITY
1717 W TAYLOR ST, CHICAGO, IL, S121840283

▲ D42	S <1/10	(439 ft. / 0.083 mi.)	Local Lists of Registered Storage Tanks Other Ascertainable Records
	Equal Elevation	593 ft. Above Sea Level	

Worksheet:

CHICAGO TANKS: Local Lists of Registered Storage Tanks

Facility ID:	2035818
Name:	UIC COGENERATION FACILITY
Address:	1717 W TAYLOR ST
City:	CHICAGO
State:	IL
Tank Type:	UNDERGROUND STORAGE TANK
Owner:	See Environmental Permit Dataset
Tank ID:	1
Tank Material:	STI P3
Tank Construction:	DOUBLE
Substance:	DIESEL
Tank Capacity:	50000
Install Date:	03/13/2000
Removal Date:	Not Reported
Last Used Date:	Not Reported
Comments:	IN COMPLIANCE, Historic data from former Dept. of Environment [Tank Leak Protection: Automatic Tank Gauging; Tank Spill Prevention: Spill containment in place; Tank Corrosion Protection: Cathodic Protection; Tank Overfill Protection: Automatic Shut-off;
Data Source:	DEPT. OF PUBLIC HEALTH
Latitude:	41.869103135920497

UIC COGENERATION FACILITY, 1717 W TAYLOR ST, CHICAGO, IL (Continued)

Longitude:	-87.669765753330495
Facility ID:	2035818
Name:	UIC COGENERATION FACILITY
Address:	1717 W TAYLOR ST
City:	CHICAGO
State:	IL
Tank Type:	UNDERGROUND STORAGE TANK
Owner:	See Environmental Permit Dataset
Tank ID:	2
Tank Material:	STI P3
Tank Construction:	DOUBLE
Substance:	DIESEL
Tank Capacity:	50000
Install Date:	03/13/2000
Removal Date:	Not Reported
Last Used Date:	Not Reported
Comments:	IN COMPLIANCE, Historic data from former Dept. of Environment [Tank Leak Protection: Automatic Tank Gauging; Tank Spill Prevention: Spill containment in place; Tank Corrosion Protection: Cathodic Protection; Tank Overfill Protection: Automatic Shut-off;
Data Source:	DEPT. OF PUBLIC HEALTH
Latitude:	41.869103135920497
Longitude:	-87.669765753330495

CHICAGO PERMITS: Other Ascertainable Records

Name:	Not Reported
Address:	1717 W TAYLOR ST
City,State,Zip:	CHICAGO, IL
Application ID:	DOEUST102637
Application Name:	UIC COGENERATION FACILITY
Application Type:	UNDERGROUND STORAGE TANK
Application Sub-Type:	UPGRADE
Facility Status:	CLOSED
Applicant:	DENNIS COLLINS
Issue or Entry Date:	1996-10-22 00:00:00
Expiration Date:	5/1/1997
Comments:	[CONTRACTOR: MANKOFF INC] INSTALLED LEAK DETECTION, SPILL CONTAINMENT.
Data Source:	HISTORIC DEPT. OF ENVIRONMENT
Location:	POINT (-87.669765753331 41.869103135921)
Name:	Not Reported
Address:	1717 W TAYLOR ST
City,State,Zip:	CHICAGO, IL
Application ID:	USTUPG132467
Application Name:	WEST CAMPUS CO-GNERATION FACIL
Application Type:	UNDERGROUND STORAGE TANK
Application Sub-Type:	UPGRADE
Facility Status:	OPEN
Applicant:	Not Reported
Issue or Entry Date:	2013-06-10 00:00:00
Expiration Date:	12/13/2013

UIC COGENERATION FACILITY, 1717 W TAYLOR ST, CHICAGO, IL (Continued)

Comments:	{APPLICATION COMMENTS: [CONTRACTOR: METRO TANK AND PUMP COMPANY]1717 W TAYLOR ST.FACILITY ID# 2035818.CLEANING INTERIOR TANK PAINT OFF SURFACE, CHECK TANK INTEGRETY AND TIGHTNESS TEST. SEE DETAIL PAGE ATTACHED WITH THE APPLICATION.}{TANKS: (FACILITY TANK
Data Source:	DEPT. OF PUBLIC HEALTH
Location:	POINT (-87.669765753331 41.869103135921)
Name:	Not Reported
Address:	1717 W TAYLOR ST
City,State,Zip:	CHICAGO, IL
Application ID:	DOEASTA99218
Application Name:	UNIVERSITY OF ILLINOIS AT CHICAGO
Application Type:	ABOVEGROUND STORAGE TANK
Application Sub-Type:	INSTALL/NONDISPENSING
Facility Status:	CLOSED
Applicant:	UIC AT CH./O/O PLANNING ENERGY ANN NEUYEN
Issue or Entry Date:	1999-07-16 00:00:00
Expiration Date:	1/16/2000
Comments:	FACILITY ID: 1717WTAYLOR, NUMBER OF TANKS: 1 TANKS SIZES: 5,000 GALLON (DIESEL # 2), COMMENTS: PASSED AIR TEST.
Data Source:	HISTORIC DEPT. OF ENVIRONMENT
Location:	POINT (-87.669765753331 41.869103135921)
Name:	Not Reported
Address:	1717 W TAYLOR ST
City,State,Zip:	CHICAGO, IL
Application ID:	DOEUST105375
Application Name:	UIC COGENERATION FACILITY
Application Type:	UNDERGROUND STORAGE TANK
Application Sub-Type:	INSTALL
Facility Status:	CLOSED
Applicant:	DENNIS COLLINS
Issue or Entry Date:	1999-12-13 00:00:00
Expiration Date:	6/13/2000
Comments:	[CONTRACTOR: J&D MECHANICAL INDUSTRIES] INSTALLED DW STIP-3 TANKS.
Data Source:	HISTORIC DEPT. OF ENVIRONMENT
Location:	POINT (-87.669765753331 41.869103135921)
Name:	Not Reported
Address:	1717 W TAYLOR ST
City,State,Zip:	CHICAGO, IL
Application ID:	DOEASTA99191
Application Name:	UNIVERSITY OF ILLINOIS AT CHICAGO
Application Type:	ABOVEGROUND STORAGE TANK
Application Sub-Type:	REMOVAL
Facility Status:	CLOSED
Applicant:	UIC AT CH./O/O PLANNING ENERGY ANN NEUYEN
Issue or Entry Date:	1999-02-11 00:00:00
Expiration Date:	8/16/1999
Comments:	FACILITY ID: 1717WTAYLOR, NUMBER OF TANKS: 1 TANKS SIZES: 42,000 GALLON (# 2 HO), COMMENTS: NO RELEASES WERE NOTED DURING THE REMOVAL.
Data Source:	HISTORIC DEPT. OF ENVIRONMENT
Location:	POINT (-87.669765753331 41.869103135921)

UIC COGENERATION FACILITY, 1717 W TAYLOR ST, CHICAGO, IL (Continued)

Name:	Not Reported
Address:	1717 W TAYLOR ST
City,State,Zip:	CHICAGO, IL
Application ID:	USTUPG1180053
Application Name:	W. Campus Co Generation Facili
Application Type:	DOE UST Upgrade
Application Sub-Type:	Not Reported
Facility Status:	Open
Applicant:	Univ. of Illinois at Chicago
Issue or Entry Date:	2019-11-04 00:00:00
Expiration Date:	Not Reported
Comments:	Not Reported
Data Source:	DEPT. OF PUBLIC HEALTH
Location:	POINT (-87.669765753331 41.869103135921)

Name:	Not Reported
Address:	1717 W TAYLOR ST
City,State,Zip:	CHICAGO, IL
Application ID:	USTUPG133757
Application Name:	WEST CAMPUS C0-GENERATION FACI
Application Type:	UNDERGROUND STORAGE TANK
Application Sub-Type:	UPGRADE
Facility Status:	CLOSED
Applicant:	UNIVERSITY OF ILLINOIS AT CHICAGO
Issue or Entry Date:	2013-07-31 00:00:00
Expiration Date:	2/2/2014
Comments:	{APPLICATION COMMENTS: [CONTRACTOR: METRO TANK AND PUMP COMPANY]1717 W TAYLOR ST.FACILITY ID# 2035818. PNEUMERCATOR TMS 2000 CONSOLE WITH (2) INVENTORY ONLYPROBES # MP450S-154-21,(2) INTERSTITIAL SENSORS # LS600-LDBM-2}{TANKS: (FACILITY TANK ID: 2035818-0
Data Source:	DEPT. OF PUBLIC HEALTH
Location:	POINT (-87.669765753331 41.869103135921)

UNIVSITY ILLINOIS OF CHGO 1717 W TAYLOR ST, CHICAGO, IL, 60612			1032360612
▲ D43	S <1/10	(439 ft. / 0.083 mi.)	Other Ascertainable Records
	Equal Elevation	593 ft. Above Sea Level	

Worksheet:

E MANIFEST: Other Ascertainable Records

Manifest Tracking Number:	007548372SKS
Last Updated Date:	20200819
Shipped Date:	20200730
Received Date:	20200730
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198

UNIVSITY ILLINOIS OF CHGO, 1717 W TAYLOR ST, CHICAGO, IL 60612 (Continued)

Generator Name:	Univsity Illinois Of Chgo
Generator Location Street Number:	Not Reported
Generator Location Street 1:	1717 W TAYLOR ST
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	E.H.S.
Generator Mail Street 2:	1140 South Paulina Street M/C 645
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Univsity Illinois Of Chgo
Designated Facility EPA ID:	ILD980613913
Designated Facility Name:	Safety-Kleen Systems, Inc.
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	633 East 138th Street
Designated Facility Mail City:	Dolton
Designated Facility Mail Zip:	60419
Designated Facility Mail State:	IL
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	633 East 138th Street
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Dolton
Designated Facility Location Zip:	60419
Designated Facility Location State:	IL
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	007963960SKS
Last Updated Date:	20210728
Shipped Date:	20210707
Received Date:	20210707
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	Univsity Illinois Of Chgo
Generator Location Street Number:	Not Reported
Generator Location Street 1:	1717 W TAYLOR ST
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	Not Reported

UNIVSITY ILLINOIS OF CHGO, 1717 W TAYLOR ST, CHICAGO, IL 60612 (Continued)

Generator Mail Street 1:	E.H.S.
Generator Mail Street 2:	1140 South Paulina Street M/C 645
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Univsity Illinois Of Chgo
Designated Facility EPA ID:	ILD980613913
Designated Facility Name:	Safety-Kleen Systems, Inc.
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	633 East 138th Street
Designated Facility Mail City:	Dolton
Designated Facility Mail Zip:	60419
Designated Facility Mail State:	IL
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	633 East 138th Street
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Dolton
Designated Facility Location Zip:	60419
Designated Facility Location State:	IL
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	008361436SKS
Last Updated Date:	20220404
Shipped Date:	20220315
Received Date:	20220315
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	Univsity Illinois Of Chgo
Generator Location Street Number:	Not Reported
Generator Location Street 1:	1717 W TAYLOR ST
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	E.H.S.
Generator Mail Street 2:	1140 South Paulina Street M/C 645
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Univsity Illinois Of Chgo
Designated Facility EPA ID:	ILD980613913
Designated Facility Name:	Safety-Kleen Systems, Inc.

UNIVSITY ILLINOIS OF CHGO, 1717 W TAYLOR ST, CHICAGO, IL 60612 (Continued)

Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	633 East 138th Street
Designated Facility Mail City:	Dolton
Designated Facility Mail Zip:	60419
Designated Facility Mail State:	IL
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	633 East 138th Street
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Dolton
Designated Facility Location Zip:	60419
Designated Facility Location State:	IL
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	006772517SKS
Last Updated Date:	20181015
Shipped Date:	20180917
Received Date:	20180917
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	Univsity Illinois Of Chgo
Generator Location Street Number:	Not Reported
Generator Location Street 1:	1717 W TAYLOR ST
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	E.H.S.
Generator Mail Street 2:	1140 South Paulina Street M/C 645
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	ILD980613913
Designated Facility Name:	Safety-Kleen Systems, Inc.
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	633 East 138th Street
Designated Facility Mail City:	Dolton
Designated Facility Mail Zip:	60419
Designated Facility Mail State:	IL
Designated Facility Location Street Number:	Not Reported

UNIVSITY ILLINOIS OF CHGO, 1717 W TAYLOR ST, CHICAGO, IL 60612 (Continued)

Designated Facility Location Street 1:	633 East 138th Street
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Dolton
Designated Facility Location Zip:	60419
Designated Facility Location State:	IL
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	006848565SKS
Last Updated Date:	20190411
Shipped Date:	20190314
Received Date:	20190314
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	Univsity Illinois Of Chgo
Generator Location Street Number:	Not Reported
Generator Location Street 1:	1717 W TAYLOR ST
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	E.H.S.
Generator Mail Street 2:	1140 South Paulina Street M/C 645
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	ILD980613913
Designated Facility Name:	Safety-Kleen Systems, Inc.
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	633 East 138th Street
Designated Facility Mail City:	Dolton
Designated Facility Mail Zip:	60419
Designated Facility Mail State:	IL
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	633 East 138th Street
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Dolton
Designated Facility Location Zip:	60419
Designated Facility Location State:	IL
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

UNIVSITY ILLINOIS OF CHGO, 1717 W TAYLOR ST, CHICAGO, IL 60612 (Continued)

Manifest Tracking Number:	007381588SKS
Last Updated Date:	20200219
Shipped Date:	20200130
Received Date:	20200130
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	Univsity Illinois Of Chgo
Generator Location Street Number:	Not Reported
Generator Location Street 1:	1717 W TAYLOR ST
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	E.H.S.
Generator Mail Street 2:	1140 South Paulina Street M/C 645
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Univsity Illinois Of Chgo
Designated Facility EPA ID:	ILD980613913
Designated Facility Name:	Safety-Kleen Systems, Inc.
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	633 East 138th Street
Designated Facility Mail City:	Dolton
Designated Facility Mail Zip:	60419
Designated Facility Mail State:	IL
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	633 East 138th Street
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Dolton
Designated Facility Location Zip:	60419
Designated Facility Location State:	IL
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Transporter:

Manifest Tracking Number:	007381588SKS
Transporter Line Number:	1
Transporter EPA ID:	TXR000081205
Transporter Name:	Safety-Kleen Systems, Inc.

Waste Line:

UNIVSITY ILLINOIS OF CHGO, 1717 W TAYLOR ST, CHICAGO, IL 60612 (Continued)

Manifest Tracking Number:	007381588SKS
Waste Line Number:	1
U.S. DOT Hazardous Indicator:	Y
U.S. DOT ID Number:	NA1993
U.S. DOT Description:	Na1993, Waste Na1993 Waste Combustible Liquid, N.O.S. (Petroleum Naphtha)Pgiii Dot-Sp11606 (D039)(Erg#128), Combustible Liquid, Pg Iii
Non-Hazardous Waste Description:	Not Reported
Number of Containers:	1
Container Type Code:	DM
Container Type Description:	Metal drums, barrels, kegs
Waste Quantity:	28
Quantity Unit of Measure Code:	G
Quantity Unit of Measure Description:	Gallons
Waste Quantity, in Tons:	0.11676397
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.11676397
Waste Quantity, in Kilograms:	105.90843
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	105.90843
Management Method Code:	H020
Management Method Description:	SOLVENTS RECOVERY
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not Reported
Waste Density Unit of Measure Code:	Not Reported
Waste Density Unit of Measure Description:	Not Reported
Form Code:	Not Reported
Form Code Description:	Not Reported
Source Code:	Not Reported
Source Code Description:	Not Reported
Waste Minimization Code:	Not Reported
Waste Minimization Code Description:	Not Reported
Consent Number:	Not Reported
EPA Waste Indicator:	Y
Federal Waste Codes:	D039
Quantity Haz Kg:	105.90843
Quantity Haz Tons:	0.11676397
Quantity Non Haz Kg:	0
Quantity Non Haz Tons:	0
State Waste Codes:	Not Reported

UNIVERSITY OF ILLINOIS AT CHICAGO
1717 W TAYLOR ST, CHICAGO, IL, S121835562

▲ D44	S <1/10	(439 ft. / 0.083 mi.)	Local Lists of Registered Storage Tanks
	Equal Elevation	593 ft. Above Sea Level	

Worksheet:

CHICAGO TANKS: Local Lists of Registered Storage Tanks

Facility ID:	1717WTAYLOR
Name:	UNIVERSITY OF ILLINOIS AT CHICAGO
Address:	1717 W TAYLOR ST
City:	CHICAGO
State:	IL
Tank Type:	ABOVEGROUND STORAGE TANK
Owner:	UIC AT CH./O/O PLANNING ENERGY
Tank ID:	Not Reported
Tank Material:	Not Reported
Tank Construction:	DOUBLE WALL, CONCRETE VAL
Substance:	DIESEL # 2
Tank Capacity:	Not Reported
Install Date:	Not Reported
Removal Date:	Not Reported
Last Used Date:	Not Reported
Comments:	DATE OF REPORT: 07/16/1999 REMOVED ONE 42,000-GAL HEATING OIL. NO RELEASES WERE NOTED DURING THE AST REMOVAL. IT WAS CLEANED AND THEN SECTIONED FOR TRANSPORT OFF SITE.8/25/99:INSTALLED 1-5,000 GALLON TANK PSI HELD AT 3. ALL SEALS AND JOINTS WERE SOAP TEDS
Data Source:	HISTORIC DEPT.OF ENVIRONMENT
Latitude:	41.869103135920497
Longitude:	-87.669765753330495

UNIVERSITY OF IL @ CHICAGO 1717 WEST TAYLOR, CHICAGO, IL, 60612			S104967986
▲ D45	S <1/10	(439 ft. / 0.083 mi.)	Lists of state and tribal leaking storage tanks
	Equal Elevation	593 ft. Above Sea Level	

Worksheet:

LUST: Lists of state and tribal leaking storage tanks

Name:	UNIVERSITY OF IL @ CHICAGO
Address:	1717 WEST TAYLOR
City,State,Zip:	CHICAGO, IL 60612
Incident Num:	20002244
IL EPA Id:	0316005597
Product:	Fuel Oil
IEMA Date:	2000-11-22
Project Manager:	Swenny
Project Manager Phone:	Not Reported
Email:	Not Reported
PRP Name:	University of IL @ Chicago
PRP Contact:	Cindy Klein-Banai
PRP Address:	1140 South Paulina St. MC #645
PRP City,St,Zip:	Chicago, IL 60612
PRP Phone:	3124139706

UNIVERSITY OF IL @ CHICAGO, 1717 WEST TAYLOR, CHICAGO, IL 60612 (Continued)

Site Classification:	Not Reported
Section 57.5(g) Letter:	732
Date Section 57.5(g) Letter:	Not Reported
Non LUST Determination Letter:	Not Reported
20 Report Received:	Not Reported
45 Report Received:	Not Reported
No Further Remediation Letter:	Not Reported
No Further Remediation Date Recorded:	Not Reported
Heating Oil Date:	1/6/2022
Non-Lust LR Date:	Not Reported

METRO TANK VIC 1717 TAYLOR, CHICAGO, IL, 00000			1032176891
▲ D46	S <1/10	(439 ft. / 0.083 mi.)	Other Ascertainable Records
	Equal Elevation	593 ft. Above Sea Level	

Worksheet:

E MANIFEST: Other Ascertainable Records

Manifest Tracking Number:	019861579JJK
Last Updated Date:	20191004
Shipped Date:	20181002
Received Date:	20181003
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Web
Generator EPA ID:	Not Reported
Generator Name:	Metro Tank Vic
Generator Location Street Number:	Not Reported
Generator Location Street 1:	1717 TAYLOR
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	00000
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	1717 TAYLOR
Generator Mail Street 2:	Not Reported
Generator Mail City:	CHICAGO
Generator Mail Zip:	00000
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	ILD043914209
Designated Facility Name:	Water Integrated Treatment Systems Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	1040 MARYLAND AVE
Designated Facility Mail City:	DOLTON

METRO TANK VIC, 1717 TAYLOR, CHICAGO, IL 00000 (Continued)

Designated Facility Mail Zip:	60419
Designated Facility Mail State:	IL
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	14753 GREENWOOD RD
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	DOLTON
Designated Facility Location Zip:	60419
Designated Facility Location State:	IL
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Transporter:

Manifest Tracking Number:	019861579JJK
Transporter Line Number:	1
Transporter EPA ID:	ILD984831396
Transporter Name:	Gfl Env Services Usa Inc

Waste Line:

Manifest Tracking Number:	019861579JJK
Waste Line Number:	1
U.S. DOT Hazardous Indicator:	N
U.S. DOT ID Number:	Not Reported
U.S. DOT Description:	Not Reported
Non-Hazardous Waste Description:	Non-Hazardous Liquid Waste, Non-Regulated By D.O.T
Number of Containers:	1
Container Type Code:	TT
Container Type Description:	Cargo tanks (tank trucks)
Waste Quantity:	5
Quantity Unit of Measure Code:	G
Quantity Unit of Measure Description:	Gallons
Waste Quantity, in Tons:	0.020850709
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.020850709
Waste Quantity, in Kilograms:	18.912218
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	18.912218
Management Method Code:	Not Reported
Management Method Description:	Not Reported
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not Reported
Waste Density Unit of Measure Code:	Not Reported
Waste Density Unit of Measure Description:	Not Reported
Form Code:	Not Reported

METRO TANK VIC, 1717 TAYLOR, CHICAGO, IL 00000 (Continued)

Form Code Description:	Not Reported
Source Code:	Not Reported
Source Code Description:	Not Reported
Waste Minimization Code:	Not Reported
Waste Minimization Code Description:	Not Reported
Consent Number:	Not Reported
EPA Waste Indicator:	N
Federal Waste Codes:	Not Reported
Quantity Haz Kg:	0
Quantity Haz Tons:	0
Quantity Non Haz Kg:	18.912218
Quantity Non Haz Tons:	0.020850709
State Waste Codes:	IL-IL18

UNIVERSITY OF ILLINOIS CHICAGO 1717 W TAYLOR ST, CHICAGO, IL, 60612		1032359826
▲ D47	S <1/10 (439 ft. / 0.083 mi.)	Other Ascertainable Records
	Equal Elevation 593 ft. Above Sea Level	

Worksheet:

E MANIFEST: Other Ascertainable Records

Manifest Tracking Number:	008681665SKS
Last Updated Date:	20230508
Shipped Date:	20230417
Received Date:	20230417
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	University Of Illinois Chicago
Generator Location Street Number:	Not Reported
Generator Location Street 1:	1717 W TAYLOR ST
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	E.H.S.
Generator Mail Street 2:	1140 South Paulina Street M/C 645
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	University of Illinois Chicago
Designated Facility EPA ID:	ILD980613913
Designated Facility Name:	Safety-Kleen Systems, Inc.
Designated Facility Mail Street Number:	Not Reported

UNIVERSITY OF ILLINOIS CHICAGO, 1717 W TAYLOR ST, CHICAGO, IL 60612 (Continued)

Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	633 East 138th Street
Designated Facility Mail City:	Dolton
Designated Facility Mail Zip:	60419
Designated Facility Mail State:	IL
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	633 East 138th Street
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Dolton
Designated Facility Location Zip:	60419
Designated Facility Location State:	IL
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Transporter:

Manifest Tracking Number:	008681665SKS
Transporter Line Number:	1
Transporter EPA ID:	TXR000081205
Transporter Name:	Safety-Kleen Systems, Inc.

Waste Line:

Manifest Tracking Number:	008681665SKS
Waste Line Number:	1
U.S. DOT Hazardous Indicator:	Y
U.S. DOT ID Number:	NA1993
U.S. DOT Description:	Na1993, Waste Na1993 Waste Combustible Liquid, N.O.S. (Petroleum Naphtha)Pgiii Dot-Sp11606 (D039)(Erg#128), Combustible Liquid, Pg Iii
Non-Hazardous Waste Description:	Not Reported
Number of Containers:	1
Container Type Code:	DM
Container Type Description:	Metal drums, barrels, kegs
Waste Quantity:	23
Quantity Unit of Measure Code:	G
Quantity Unit of Measure Description:	Gallons
Waste Quantity, in Tons:	0.09591326
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.09591326
Waste Quantity, in Kilograms:	86.99621
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	86.99621
Management Method Code:	H020
Management Method Description:	SOLVENTS RECOVERY
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not Reported

UNIVERSITY OF ILLINOIS CHICAGO, 1717 W TAYLOR ST, CHICAGO, IL 60612 (Continued)

Waste Density Unit of Measure Code:	Not Reported
Waste Density Unit of Measure Description:	Not Reported
Form Code:	Not Reported
Form Code Description:	Not Reported
Source Code:	Not Reported
Source Code Description:	Not Reported
Waste Minimization Code:	Not Reported
Waste Minimization Code Description:	Not Reported
Consent Number:	Not Reported
EPA Waste Indicator:	Y
Federal Waste Codes:	D039
Quantity Haz Kg:	86.99621
Quantity Haz Tons:	0.09591326
Quantity Non Haz Kg:	Not Reported
Quantity Non Haz Tons:	Not Reported
State Waste Codes:	Not Reported

1717 WEST TAYLOR STREET 1717 WEST TAYLOR STREET, CHICAGO, IL, 60612		S130522678	
▲ D48	S <1/10	(439 ft. / 0.083 mi.)	Other Ascertainable Records
	Equal Elevation	593 ft. Above Sea Level	

Worksheet:

MI MANIFEST: Other Ascertainable Records

Generator Site ID Manifest:	ILD984906198
Name:	Not Reported
Address:	1717 WEST TAYLOR STREET
City,State,Zip:	CHICAGO, IL 60612
Manifest Number:	018431307JJK
Manifest Date:	01/08/2018
Transporter Site ID Manifest:	Not Reported
Transporter Site Legal Name Site Table:	Not Reported
TSD Site ID Manifest:	MID980615298
TSD Site Legal Name Site Table:	PETRO-CHEM PROCESSING GROUP OF NORTRU LLC
Container Number:	Not Reported
Container Type:	Not Reported
Total Quantity:	654
Unit Of Measure:	P
Waste Number:	D001
Waste Number 2:	D007
Waste Number 3:	D009
Waste Number 4:	D022
Waste Number 5:	D011
Waste Number 6:	D018
Generator Site ID Manifest:	ILD984906198

1717 WEST TAYLOR STREET, 1717 WEST TAYLOR STREET, CHICAGO, IL 60612 (Continued)

Name:	Not Reported
Address:	1717 WEST TAYLOR STREET
City,State,Zip:	CHICAGO, IL 60612
Manifest Number:	018431607JJK
Manifest Date:	02/07/2018
Transporter Site ID Manifest:	Not Reported
Transporter Site Legal Name Site Table:	Not Reported
TSD Site ID Manifest:	MID980615298
TSD Site Legal Name Site Table:	PETRO-CHEM PROCESSING GROUP OF NORTRU LLC
Container Number:	Not Reported
Container Type:	Not Reported
Total Quantity:	581
Unit Of Measure:	P
Waste Number:	D001
Waste Number 2:	D007
Waste Number 3:	D009
Waste Number 4:	D022
Waste Number 5:	D011
Waste Number 6:	D018

Generator Site ID Manifest:	ILD984906198
Name:	Not Reported
Address:	1717 WEST TAYLOR STREET
City,State,Zip:	CHICAGO, IL 60612
Manifest Number:	017834398JJK
Manifest Date:	02/28/2018
Transporter Site ID Manifest:	Not Reported
Transporter Site Legal Name Site Table:	Not Reported
TSD Site ID Manifest:	MID980615298
TSD Site Legal Name Site Table:	PETRO-CHEM PROCESSING GROUP OF NORTRU LLC
Container Number:	Not Reported
Container Type:	Not Reported
Total Quantity:	654
Unit Of Measure:	P
Waste Number:	D001
Waste Number 2:	D007
Waste Number 3:	D009
Waste Number 4:	D022
Waste Number 5:	D011
Waste Number 6:	D018

Generator Site ID Manifest:	ILD984906198
Name:	Not Reported
Address:	1717 WEST TAYLOR STREET
City,State,Zip:	CHICAGO, IL 60612
Manifest Number:	017834398JJK
Manifest Date:	02/28/2018
Transporter Site ID Manifest:	Not Reported
Transporter Site Legal Name Site Table:	Not Reported

1717 WEST TAYLOR STREET, 1717 WEST TAYLOR STREET, CHICAGO, IL 60612 (Continued)

TSD Site ID Manifest:	MID980615298
TSD Site Legal Name Site Table:	PETRO-CHEM PROCESSING GROUP OF NORTRU LLC
Container Number:	Not Reported
Container Type:	Not Reported
Total Quantity:	70
Unit Of Measure:	P
Waste Number:	D001
Waste Number 2:	Not Reported
Waste Number 3:	Not Reported
Waste Number 4:	Not Reported
Waste Number 5:	Not Reported
Waste Number 6:	Not Reported
Generator Site ID Manifest:	ILD984906198
Name:	Not Reported
Address:	1717 WEST TAYLOR STREET
City,State,Zip:	CHICAGO, IL 60612
Manifest Number:	018648540JJK
Manifest Date:	03/28/2018
Transporter Site ID Manifest:	Not Reported
Transporter Site Legal Name Site Table:	Not Reported
TSD Site ID Manifest:	MID980615298
TSD Site Legal Name Site Table:	PETRO-CHEM PROCESSING GROUP OF NORTRU LLC
Container Number:	Not Reported
Container Type:	Not Reported
Total Quantity:	718
Unit Of Measure:	P
Waste Number:	D001
Waste Number 2:	D007
Waste Number 3:	D009
Waste Number 4:	D022
Waste Number 5:	D011
Waste Number 6:	D018
Generator Site ID Manifest:	ILD984906198
Name:	Not Reported
Address:	1717 WEST TAYLOR STREET
City,State,Zip:	CHICAGO, IL 60612
Manifest Number:	018432365JJK
Manifest Date:	03/28/2018
Transporter Site ID Manifest:	Not Reported
Transporter Site Legal Name Site Table:	Not Reported
TSD Site ID Manifest:	MID980615298
TSD Site Legal Name Site Table:	PETRO-CHEM PROCESSING GROUP OF NORTRU LLC
Container Number:	Not Reported
Container Type:	Not Reported
Total Quantity:	487
Unit Of Measure:	P
Waste Number:	D001
Waste Number 2:	D007

1717 WEST TAYLOR STREET, 1717 WEST TAYLOR STREET, CHICAGO, IL 60612 (Continued)

Waste Number 3:	D009
Waste Number 4:	D022
Waste Number 5:	D011
Waste Number 6:	D018
Generator Site ID Manifest:	ILD984906198
Name:	Not Reported
Address:	1717 WEST TAYLOR STREET
City,State,Zip:	CHICAGO, IL 60612
Manifest Number:	018648721JJK
Manifest Date:	04/20/2018
Transporter Site ID Manifest:	Not Reported
Transporter Site Legal Name Site Table:	Not Reported
TSD Site ID Manifest:	MID980615298
TSD Site Legal Name Site Table:	PETRO-CHEM PROCESSING GROUP OF NORTRU LLC
Container Number:	Not Reported
Container Type:	Not Reported
Total Quantity:	720
Unit Of Measure:	P
Waste Number:	D001
Waste Number 2:	D007
Waste Number 3:	D009
Waste Number 4:	D022
Waste Number 5:	D011
Waste Number 6:	D018
Generator Site ID Manifest:	ILD984906198
Name:	Not Reported
Address:	1717 WEST TAYLOR STREET
City,State,Zip:	CHICAGO, IL 60612
Manifest Number:	018650052JJK
Manifest Date:	05/16/2018
Transporter Site ID Manifest:	Not Reported
Transporter Site Legal Name Site Table:	Not Reported
TSD Site ID Manifest:	MID980615298
TSD Site Legal Name Site Table:	PETRO-CHEM PROCESSING GROUP OF NORTRU LLC
Container Number:	Not Reported
Container Type:	Not Reported
Total Quantity:	522
Unit Of Measure:	P
Waste Number:	D001
Waste Number 2:	D007
Waste Number 3:	D009
Waste Number 4:	D022
Waste Number 5:	D011
Waste Number 6:	D018
Generator Site ID Manifest:	ILD984906198
Name:	Not Reported
Address:	1717 WEST TAYLOR STREET

1717 WEST TAYLOR STREET, 1717 WEST TAYLOR STREET, CHICAGO, IL 60612 (Continued)

City,State,Zip:	CHICAGO, IL 60612
Manifest Number:	018431606JJK
Manifest Date:	02/26/2018
Transporter Site ID Manifest:	Not Reported
Transporter Site Legal Name Site Table:	Not Reported
TSD Site ID Manifest:	MID980615298
TSD Site Legal Name Site Table:	PETRO-CHEM PROCESSING GROUP OF NORTRU LLC
Container Number:	Not Reported
Container Type:	Not Reported
Total Quantity:	567
Unit Of Measure:	P
Waste Number:	D001
Waste Number 2:	D007
Waste Number 3:	D009
Waste Number 4:	D022
Waste Number 5:	D011
Waste Number 6:	D018

Generator Site ID Manifest:	ILD984906198
Name:	Not Reported
Address:	1717 WEST TAYLOR STREET
City,State,Zip:	CHICAGO, IL 60612
Manifest Number:	018911142JJK
Manifest Date:	06/06/2018
Transporter Site ID Manifest:	Not Reported
Transporter Site Legal Name Site Table:	Not Reported
TSD Site ID Manifest:	MID980615298
TSD Site Legal Name Site Table:	PETRO-CHEM PROCESSING GROUP OF NORTRU LLC
Container Number:	Not Reported
Container Type:	Not Reported
Total Quantity:	686
Unit Of Measure:	P
Waste Number:	D001
Waste Number 2:	D007
Waste Number 3:	D009
Waste Number 4:	D022
Waste Number 5:	D011
Waste Number 6:	D018

Generator Site ID Manifest:	ILD984906198
Name:	Not Reported
Address:	1717 WEST TAYLOR STREET
City,State,Zip:	CHICAGO, IL 60612
Manifest Number:	018911143JJK
Manifest Date:	06/08/2018
Transporter Site ID Manifest:	Not Reported
Transporter Site Legal Name Site Table:	Not Reported
TSD Site ID Manifest:	MID980615298
TSD Site Legal Name Site Table:	PETRO-CHEM PROCESSING GROUP OF NORTRU LLC

1717 WEST TAYLOR STREET, 1717 WEST TAYLOR STREET, CHICAGO, IL 60612 (Continued)

Container Number:	Not Reported
Container Type:	Not Reported
Total Quantity:	415
Unit Of Measure:	P
Waste Number:	D001
Waste Number 2:	D007
Waste Number 3:	D009
Waste Number 4:	D022
Waste Number 5:	D011
Waste Number 6:	D018

The Click here to access 20 additional MI MANIFEST: record(s) in the EDR Site Report. database contains
http://www.edrnet.com/srf2/FinalSiteReport.aspx?ID=6uKU6xs5uthZKCiMUide3Fsnx10asp4m5M3FAUkotpFoh1yEZ.3T59dPCVflibQeML.B3bitiCTtdJCQeLLg4rWcFFv6sbsInpwE338v1tZh0LMqaRLd4fAvpbIP4QlimbuG4XIJM3s93zK4FLpOC0fwUmvxkvW8oVeR68eCunjxKD7sUoZo3kJOxqlMsqAn5Crs9suBtOrVhpowZJ3U3.8yCUEmiZsVMGwP4Zemion.dIbCeRy44TUGFv8csFpnnyXd5mLo1Gri00HMaAlF5b1wp6Ji4tIJm0tZ9.knMhTz3S0fF73t6DY5urPqKEmUUP1W4.KNx9Nss9DI5MVM3BzitcPkhs.fZS5bBvbsC5NYisD4MOf55I4YiME8dUMBeUt45TIfFEwnsX5Ynphh3r8K1c9U0mswaNc83qCepBOk475kmr4Y8TDXM1pw3XUjFTHl3qgVUDnHkxqBoiD92xF3pXYzFaIqoYAD5Dmz1ARCy9mgEY05vX.i.o8G3At8TCtL64kyuBLPK6a8UivO479wxwb6shOV5UYU36TJtTt3hP5zZelkVrd4CfO6i55WMOAa4SNFislSdDVreulm6L1uFQNjsMwWnGIZ3ilv15dj0wE.atBc8TLzp.5d4OYJmXlf5iSOM.e53a1HFzI45airUQV8kJ4.ongK9PhOptEEFq9PorIbAd8J1R83yjZgEdbNBXak.5PB3BqsTeGo3 additional records for this site.
Please contact your EDR Account Executive for more information.

UNIVERSITY OF IL @ CHICAGO 1717 WEST TAYLOR, CHICAGO, IL, 0			1028993012
▲ D49	S <1/10	(439 ft. / 0.083 mi.)	Other Ascertainable Records
	Equal Elevation	593 ft. Above Sea Level	

Worksheet:

UST FINDER RELEASE: Other Ascertainable Records

Object ID:	478624
Facility ID:	IL316005597
Lust ID:	IL316005597_20002244
Name:	UNIVERSITY OF IL @ CHICAGO
Address:	1717 WEST TAYLOR
City,State,Zip:	CHICAGO, IL 0
Address Match Type:	StreetAddress
Reported Date:	2000/11/22 15:59:59+00
Status:	Open
Substance:	FuelOil
Population within 1500ft:	1276
Domestic Wells within 1500ft:	0
Land Use:	Developed, High Intensity
Within SPA:	Yes
SPA PWS Facility ID:	IL0316000_25520
SPA Water Type:	SW - SurRELEASEe Water
SPA Facility Type:	IN - Intake
SPA HUC12:	31700010602
Within WHPA:	No
WHPA PWS Facility ID:	Not Reported
WHPA Water Type:	Not Reported
WHPA Facility Type:	Not Reported
WHPA HUC12:	Not Reported

UNIVERSITY OF IL @ CHICAGO, 1717 WEST TAYLOR, CHICAGO, IL 0 (Continued)

Within 100yr Floodplain:	No
Tribe:	Not Reported
EPA Region:	5
NFA Letter 1:	Not Reported
NFA Letter 2:	Not Reported
NFA Letter 3:	Not Reported
NFA Letter 4:	Not Reported
Closed With Residual Contaminate:	Not Reported
Coordinate Source:	Geocode
X Coord:	-87.66975
Y Coord:	41.8691400000001
Latitude:	41.86914
Longitude:	-87.6697499999999

MEDICAL CENTER 1717 W TAYLOR ST, CHICAGO, IL,			S121835554
▲ D50	S <1/10	(439 ft. / 0.083 mi.)	Local Lists of Registered Storage Tanks
	Equal Elevation	593 ft. Above Sea Level	

Worksheet:

CHICAGO TANKS: Local Lists of Registered Storage Tanks

Facility ID:	1717TAY1969-09-26
Name:	MEDICAL CENTER
Address:	1717 W TAYLOR ST
City:	CHICAGO
State:	IL
Tank Type:	UNDERGROUND STORAGE TANK
Owner:	Not Reported
Tank ID:	Not Reported
Tank Material:	Not Reported
Tank Construction:	Not Reported
Substance:	Not Reported
Tank Capacity:	Not Reported
Install Date:	09/26/1969
Removal Date:	Not Reported
Last Used Date:	Not Reported
Comments:	WORK BY: JOHN MOHR; INSTALL 2-150K GAL FUEL OIL TANK STEEL LINED CONCRETE
Data Source:	HISTORIC DEPT. OF BUILDINGS
Latitude:	41.869103135920497
Longitude:	-87.669765753330495

WAH CHAS 1643 TAYLOR, CHICAGO, IL,			1009200751
▲ D51	SSE <1/10	(452 ft. / 0.086 mi.)	EDR Exclusive Records
	Equal Elevation	593 ft. Above Sea Level	

Worksheet:

EDR Hist Cleaner: EDR Exclusive Records

Year:	Name: / Type:
1928:	WAH CHAS / LAUNDRIES CHINESE

PETRONE LUCIAN 1611 TAYLOR, CHICAGO, IL,			1009213651
▲ I52	SSE <1/10	(483 ft. / 0.091 mi.)	EDR Exclusive Records
	Equal Elevation	593 ft. Above Sea Level	

Worksheet:

EDR Hist Cleaner: EDR Exclusive Records

Year:	Name: / Type:
1923:	PETRONE LUCIAN / CLEANERS AND DYERS CONTD

MEDICAL CENTRAL STEAM COMPANY 1001 S HERMITAGE AVE, CHICAGO, IL,			S121830719
▲ J53	S <1/10	(524 ft. / 0.099 mi.)	Local Lists of Registered Storage Tanks
	Equal Elevation	593 ft. Above Sea Level	

Worksheet:

CHICAGO TANKS: Local Lists of Registered Storage Tanks

Facility ID:	1001HER1950-05-22
Name:	MEDICAL CENTRAL STEAM COMPANY
Address:	1001 S HERMITAGE AVE
City:	CHICAGO
State:	IL
Tank Type:	UNDERGROUND STORAGE TANK
Owner:	Not Reported
Tank ID:	Not Reported
Tank Material:	Not Reported
Tank Construction:	Not Reported
Substance:	Not Reported
Tank Capacity:	Not Reported
Install Date:	05/22/1950
Removal Date:	Not Reported
Last Used Date:	Not Reported
Comments:	WORK BY: STONE & WEBSTER ENGINEERING; INSTALL 1-42K GAL FUEL OIL TANK FINAL 2/1/52
Data Source:	HISTORIC DEPT. OF BUILDINGS
Latitude:	41.869166040084998
Longitude:	-87.670048497554404

LUCAS ISIDORE 1624 TAYLOR, CHICAGO, IL,			1009214510
▲ I54	SE 1/10 - 1/3	(614 ft. / 0.116 mi.)	EDR Exclusive Records
	Equal Elevation	593 ft. Above Sea Level	

Worksheet:

EDR Hist Cleaner: EDR Exclusive Records

Year:	Name: / Type:
1923:	LUCAS ISIDORE / CLEANERS AND DYERS CONTD

UIC MOLECULAR BIOLOGY RESEARCH BLDG 900 S ASHLAND AVE, CHICAGO, IL,			S121842523
▲ M55	ESE 1/10 - 1/3	(712 ft. / 0.135 mi.)	Local Lists of Registered Storage Tanks
	Equal Elevation	593 ft. Above Sea Level	

Worksheet:

CHICAGO TANKS: Local Lists of Registered Storage Tanks

Facility ID:	2043956
Name:	UIC MOLECULAR BIOLOGY RESEARCH BLDG
Address:	900 S ASHLAND AVE
City:	CHICAGO
State:	IL
Tank Type:	UNDERGROUND STORAGE TANK
Owner:	See Environmental Permit Dataset
Tank ID:	1
Tank Material:	FRP
Tank Construction:	DOUBLE
Substance:	DIESEL
Tank Capacity:	8000
Install Date:	Not Reported
Removal Date:	Not Reported
Last Used Date:	Not Reported
Comments:	900 S ASHLAND, IN COMPLIANCE, Historic data from former Dept. of Environment [Tank Leak Protection: Automatic Tank Gauging/OPW EECO 1500; Tank Spill Prevention: Spill Containment Manhole; Tank Corrosion Protection: FRP; Tank Overfill Protection: Drop Tu
Data Source:	DEPT. OF PUBLIC HEALTH
Latitude:	41.870380470771501
Longitude:	-87.666634279097707

MOLECULAR BIOLOGY RESEARCH BUILDING 900 SOUTH ASHLAND AVENUE, CHICAGO, IL, 60607			1028318900
▲ M56	ESE 1/10 - 1/3	(712 ft. / 0.135 mi.)	Other Ascertainable Records
	Equal Elevation	593 ft. Above Sea Level	

MAP FINDINGS

Worksheet:

UST FINDER: Other Ascertainable Records

Object ID:	135572
Facility ID:	IL2043956
Name:	MOLECULAR BIOLOGY RESEARCH BUILDING
Address:	900 SOUTH ASHLAND AVENUE
City,State,Zip:	CHICAGO, IL 60607
Address Match Type:	PointAddress
Open USTs:	1
Closed USTs:	0
TOS USTs:	0
Population 1500ft:	3561
Private Wells 1500ft:	0
Within 100yr Floodplain:	No
Land Use:	Developed, High Intensity
Within SPA:	Yes
SPA PWS Facility ID:	IL0316000_25520
SPA Water Type:	SW - Surface Water
SPA Facility Type:	IN - Intake
SPA HUC12:	031700010602
Within WHPA:	No
WHPA PWS Facility ID:	Not Reported
WHPA Water Type:	Not Reported
WHPA Facility Type:	Not Reported
WHPA HUC12:	Not Reported
Facility Status:	Open UST(s)
Date of Last Inspection:	Not Reported
EPA Region:	5
Tribe:	Not Reported
Coordinate Source:	Geocode
X Coord:	-87.6666074
Y Coord:	41.87038425
Latitude:	41.87038425
Longitude:	-87.6666074

UST FINDER:

Object ID:	475511
Facility ID:	IL2043956
Tank ID:	IL2043956_1
Tank Status:	Open
Installation Date:	1994/12/01 15:59:59+00
Removal Date:	Not Reported
Tank Capacity:	8000
Substances:	Diesel Fuel
Tank Wall Type:	Not Reported

RXW/U OF IL HOSP & HLTH SCIE
1110 912 S PAULINA ST, CHICAGO, IL, 60612 **1032279247**

MAP FINDINGS

▲ J57	S 1/10 - 1/3	(725 ft. / 0.137 mi.)	Other Ascertainable Records
	Equal Elevation	593 ft. Above Sea Level	

Worksheet:

E MANIFEST: Other Ascertainable Records

Manifest Tracking Number:	018994736FLE
Last Updated Date:	20241008
Shipped Date:	20240828
Received Date:	20240912
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	Rxw/U Of Il Hosp & Hlth Scie
Generator Location Street Number:	1110
Generator Location Street 1:	1110 912 S PAULINA ST
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	1129
Generator Mail Street 1:	912 S PAULINA ST
Generator Mail Street 2:	Not Reported
Generator Mail City:	CHICAGO
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro-Chem Processing Group (Esol)
Designated Facility Mail Street Number:	515
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 LYCASTE
Designated Facility Mail City:	DETROIT
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	421
Designated Facility Location Street 1:	LYCASTE
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	DETROIT
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	018994854FLE
Last Updated Date:	20241008

RXW/U OF IL HOSP & HLTH SCIE, 1110 912 S PAULINA ST, CHICAGO, IL 60612 (Continued)

Shipped Date:	20240904
Received Date:	20240919
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	Rxw/U Of Il Hosp & Hlth Scie
Generator Location Street Number:	1110
Generator Location Street 1:	1110 912 S PAULINA ST
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	1129
Generator Mail Street 1:	912 S PAULINA ST
Generator Mail Street 2:	Not Reported
Generator Mail City:	CHICAGO
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro-Chem Processing Group (Esol)
Designated Facility Mail Street Number:	515
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 LYCASTE
Designated Facility Mail City:	DETROIT
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	421
Designated Facility Location Street 1:	LYCASTE
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	DETROIT
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	018995011FLE
Last Updated Date:	20241008
Shipped Date:	20240911
Received Date:	20241002
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	Rxw/U Of Il Hosp & Hlth Scie
Generator Location Street Number:	1110

RXW/U OF IL HOSP & HLTH SCIE, 1110 912 S PAULINA ST, CHICAGO, IL 60612 (Continued)

Generator Location Street 1:	1110 912 S PAULINA ST
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	1129
Generator Mail Street 1:	912 S PAULINA ST
Generator Mail Street 2:	Not Reported
Generator Mail City:	CHICAGO
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro-Chem Processing Group (Esol)
Designated Facility Mail Street Number:	515
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 LYCASTE
Designated Facility Mail City:	DETROIT
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	421
Designated Facility Location Street 1:	LYCASTE
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	DETROIT
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	018995287FLE
Last Updated Date:	20240923
Shipped Date:	20240710
Received Date:	20240717
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	Rxw/U Of Il Hosp & Hlth Scie
Generator Location Street Number:	1110
Generator Location Street 1:	1110 912 S PAULINA ST
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	1129
Generator Mail Street 1:	912 S PAULINA ST
Generator Mail Street 2:	Not Reported

RXW/U OF IL HOSP & HLTH SCIE, 1110 912 S PAULINA ST, CHICAGO, IL 60612 (Continued)

Generator Mail City:	CHICAGO
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro-Chem Processing Group (Esol)
Designated Facility Mail Street Number:	515
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 LYCASTE
Designated Facility Mail City:	DETROIT
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	421
Designated Facility Location Street 1:	LYCASTE
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	DETROIT
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	018995424FLE
Last Updated Date:	20240812
Shipped Date:	20240717
Received Date:	20240727
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	Rxw/U Of Il Hosp & Hlth Scie
Generator Location Street Number:	1110
Generator Location Street 1:	1110 912 S PAULINA ST
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	1129
Generator Mail Street 1:	912 S PAULINA ST
Generator Mail Street 2:	Not Reported
Generator Mail City:	CHICAGO
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro-Chem Processing Group (Esol)
Designated Facility Mail Street Number:	515
Designated Facility Mail Street 1:	Not Reported

RXW/U OF IL HOSP & HLTH SCIE, 1110 912 S PAULINA ST, CHICAGO, IL 60612 (Continued)

Designated Facility Mail Street 2:	421 LYCASTE
Designated Facility Mail City:	DETROIT
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	421
Designated Facility Location Street 1:	LYCASTE
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	DETROIT
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	018995562FLE
Last Updated Date:	20240815
Shipped Date:	20240724
Received Date:	20240801
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	Rxw/U Of Il Hosp & Hlth Scie
Generator Location Street Number:	1110
Generator Location Street 1:	1110 912 S PAULINA ST
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	1129
Generator Mail Street 1:	912 S PAULINA ST
Generator Mail Street 2:	Not Reported
Generator Mail City:	CHICAGO
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro-Chem Processing Group (Esol)
Designated Facility Mail Street Number:	515
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 LYCASTE
Designated Facility Mail City:	DETROIT
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	421
Designated Facility Location Street 1:	LYCASTE
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	DETROIT

RXW/U OF IL HOSP & HLTH SCIE, 1110 912 S PAULINA ST, CHICAGO, IL 60612 (Continued)

Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	018995160FLE
Last Updated Date:	20240723
Shipped Date:	20240703
Received Date:	20240711
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	Rxw/U Of Il Hosp & Hlth Scie
Generator Location Street Number:	1110
Generator Location Street 1:	1110 912 S PAULINA ST
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	1129
Generator Mail Street 1:	912 S PAULINA ST
Generator Mail Street 2:	Not Reported
Generator Mail City:	CHICAGO
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro-Chem Processing Group (Esol)
Designated Facility Mail Street Number:	515
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 LYCASTE
Designated Facility Mail City:	DETROIT
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	421
Designated Facility Location Street 1:	LYCASTE
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	DETROIT
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	016090818FLE
Last Updated Date:	20240801

RXW/U OF IL HOSP & HLTH SCIE, 1110 912 S PAULINA ST, CHICAGO, IL 60612 (Continued)

Shipped Date:	20221012
Received Date:	20221021
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	Rxw/U Of Il Hosp & Hlth Scie
Generator Location Street Number:	1110
Generator Location Street 1:	1110 912 S PAULINA ST
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	1129
Generator Mail Street 1:	912 S PAULINA ST
Generator Mail Street 2:	Not Reported
Generator Mail City:	CHICAGO
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro Chem Processing Group Of Nortru Llc
Designated Facility Mail Street Number:	515
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 LYCASTE ST.
Designated Facility Mail City:	DETROIT
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	421
Designated Facility Location Street 1:	LYCASTE ST.
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	DETROIT
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	018995853FLE
Last Updated Date:	20240903
Shipped Date:	20240807
Received Date:	20240808
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	Rxw/U Of Il Hosp & Hlth Scie
Generator Location Street Number:	1110

RXW/U OF IL HOSP & HLTH SCIE, 1110 912 S PAULINA ST, CHICAGO, IL 60612 (Continued)

Generator Location Street 1:	1110 912 S PAULINA ST
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	1129
Generator Mail Street 1:	912 S PAULINA ST
Generator Mail Street 2:	Not Reported
Generator Mail City:	CHICAGO
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro-Chem Processing Group (Esol)
Designated Facility Mail Street Number:	515
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 LYCASTE
Designated Facility Mail City:	DETROIT
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	421
Designated Facility Location Street 1:	LYCASTE
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	DETROIT
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	016005948FLE
Last Updated Date:	20241113
Shipped Date:	20240924
Received Date:	20241108
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	Rxw/U Of Il Hosp & Hlth Scie
Generator Location Street Number:	1110
Generator Location Street 1:	1110 912 S PAULINA ST
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	1129
Generator Mail Street 1:	912 S PAULINA ST
Generator Mail Street 2:	Not Reported

RXW/U OF IL HOSP & HLTH SCIE, 1110 912 S PAULINA ST, CHICAGO, IL 60612 (Continued)

Generator Mail City:	CHICAGO
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro-Chem Processing Group (Esol)
Designated Facility Mail Street Number:	515
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	421 LYCASTE
Designated Facility Mail City:	DETROIT
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	421
Designated Facility Location Street 1:	LYCASTE
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	DETROIT
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	016006107FLE
Last Updated Date:	20241209
Shipped Date:	20241001
Received Date:	20241201
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	Rxw/U Of Il Hosp & Hlth Scie
Generator Location Street Number:	1110
Generator Location Street 1:	1110 912 S PAULINA ST
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	1129
Generator Mail Street 1:	912 S PAULINA ST
Generator Mail Street 2:	Not Reported
Generator Mail City:	CHICAGO
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	MID980615298
Designated Facility Name:	Petro-Chem Processing Group (Esol)
Designated Facility Mail Street Number:	515
Designated Facility Mail Street 1:	Not Reported

RXW/U OF IL HOSP & HLTH SCIE, 1110 912 S PAULINA ST, CHICAGO, IL 60612 (Continued)

Designated Facility Mail Street 2:	421 LYCASTE
Designated Facility Mail City:	DETROIT
Designated Facility Mail Zip:	48214
Designated Facility Mail State:	MI
Designated Facility Location Street Number:	421
Designated Facility Location Street 1:	LYCASTE
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	DETROIT
Designated Facility Location Zip:	48214
Designated Facility Location State:	MI
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Transporter:

Manifest Tracking Number:	016006234FLE
Transporter Line Number:	1
Transporter EPA ID:	MNS000110924
Transporter Name:	Clean Earth Specialty Waste Solutions,

Waste Line:

Manifest Tracking Number:	016006234FLE
Waste Line Number:	1
U.S. DOT Hazardous Indicator:	Y
U.S. DOT ID Number:	UN3248
U.S. DOT Description:	Un3248, Medicine, Liquid, Flammable, Toxic, N.O.S. (Alcohols, Cresols), 3 (6.1), Pg-Ii
Non-Hazardous Waste Description:	Not Reported
Number of Containers:	4
Container Type Code:	DF
Container Type Description:	Fiberboard or plastic drums, barrels, kegs
Waste Quantity:	796
Quantity Unit of Measure Code:	P
Quantity Unit of Measure Description:	Pounds
Waste Quantity, in Tons:	0.398
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.398
Waste Quantity, in Kilograms:	360.99794
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	360.99794
Management Method Code:	H141
Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not Reported
Waste Density Unit of Measure Code:	Not Reported

RXW/U OF IL HOSP & HLTH SCIE, 1110 912 S PAULINA ST, CHICAGO, IL 60612 (Continued)

Waste Density Unit of Measure Description:	Not Reported
Form Code:	Not Reported
Form Code Description:	Not Reported
Source Code:	Not Reported
Source Code Description:	Not Reported
Waste Minimization Code:	Not Reported
Waste Minimization Code Description:	Not Reported
Consent Number:	Not Reported
EPA Waste Indicator:	N
Federal Waste Codes:	Not Reported
Quantity Haz Kg:	0
Quantity Haz Tons:	0
Quantity Non Haz Kg:	360.99794
Quantity Non Haz Tons:	0.398
State Waste Codes:	Not Reported

The Click here to access 87 additional US EManifest: record(s) in the EDR Site Report. database contains http://www.edrnet.com/srf2/FinalSiteReport.aspx?ID=61MG6q8Q1ffpMmJaGrlG3qwsqXOl8OLQQhJrA7.KfzvYfUQepuM75FvTmmOmJVvla.wn3ftGrbW3lLMCGHxP4CTIq0B5wREns3j53IdEXOMPOR9Xlj8e4hYkO9h6LDylQjRe451rhmPQJCIkrl5eCcUV7XBu.xU4K1wO6wHm13q3MR5dGftQ3kyxqewW8q3.Qp4.91eqfXp9fdsTpkSz3evBmhsUJTpSa0rY4HqqrMuMlvLlGi.a43IOq8ZywB1IshN95b.5XVdcOEaRlEZK5HnlOynMLlOLQjfH9IPzhLWxJ8fLrHsP6r9e1zpeM83VGe504Ey1qfpw8lAsQdV03uetfgqxfXwkpJcgB.Eima.kJHDRavMw5XIprpJElV4cGxSp55DSquKWwxFusX8v3cAaXXZ9OOIXlruQ3JLqOvkNL1OIQh5W8farhT3lJHvCrK573ueN77N5.LIsKdTS2Pj9zoSFvRRnYYvl5o7iURcuQni3eSgIv49suyeMM.uC7aAE6DcE1jEGMWlGGJ1B4BRTqJI88I7cQ5e83aI5fW9rfrw.pADO4RuTmF9hJVKhafL03hpIrFXil5fMGFYs6LjpqQyKwHpSsvN851cyXSxiOQg1lhrr5Ia.O6qcLJ3mQD0nA3UxhtDXJkZBrwu4Clxc7GIS.nxrKdZ95hIrzVW3voOMYCoJ7CKwUpa7QObLeaguAFO0u181MLBF7GLb3 additional records for this site. Please contact your EDR Account Executive for more information.

UNIV OF IL CHICAGO ENV SAFETY 1110 S PAULINA ST, CHICAGO, IL, 60612			1032358710
▲ J58	S 1/10 - 1/3	(725 ft. / 0.137 mi.)	Other Ascertainable Records
	Equal Elevation	593 ft. Above Sea Level	

Worksheet:

E MANIFEST: Other Ascertainable Records

Manifest Tracking Number:	018980539JJK
Last Updated Date:	20181121
Shipped Date:	20180821
Received Date:	20180821
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	Univ Of Il Chicago Env Safety
Generator Location Street Number:	Not Reported
Generator Location Street 1:	1110 S PAULINA ST
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	1129 S HERMITAGE AVE

UNIV OF IL CHICAGO ENV SAFETY, 1110 S PAULINA ST, CHICAGO, IL 60612 (Continued)

Generator Mail Street 2:	Not Reported
Generator Mail City:	CHICAGO
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	IND000646943
Designated Facility Name:	Tradebe Treatment & Recycling Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	4343 KENNEDY AVE
Designated Facility Mail City:	EAST CHICAGO
Designated Facility Mail Zip:	46312
Designated Facility Mail State:	IN
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	4343 KENNEDY AVE
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	EAST CHICAGO
Designated Facility Location Zip:	46312
Designated Facility Location State:	IN
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	018980540JJK
Last Updated Date:	20181121
Shipped Date:	20180821
Received Date:	20180821
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	Univ Of Il Chicago Env Safety
Generator Location Street Number:	Not Reported
Generator Location Street 1:	1110 S PAULINA ST
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	1129 S HERMITAGE AVE
Generator Mail Street 2:	Not Reported
Generator Mail City:	CHICAGO
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	IND000646943
Designated Facility Name:	Tradebe Treatment & Recycling Llc
Designated Facility Mail Street Number:	Not Reported

UNIV OF IL CHICAGO ENV SAFETY, 1110 S PAULINA ST, CHICAGO, IL 60612 (Continued)

Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	4343 KENNEDY AVE
Designated Facility Mail City:	EAST CHICAGO
Designated Facility Mail Zip:	46312
Designated Facility Mail State:	IN
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	4343 KENNEDY AVE
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	EAST CHICAGO
Designated Facility Location Zip:	46312
Designated Facility Location State:	IN
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	018980541JJK
Last Updated Date:	20181121
Shipped Date:	20180823
Received Date:	20180831
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	Univ Of Il Chicago Env Safety
Generator Location Street Number:	Not Reported
Generator Location Street 1:	1110 S PAULINA ST
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	1129 S HERMITAGE AVE
Generator Mail Street 2:	Not Reported
Generator Mail City:	CHICAGO
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	IND000646943
Designated Facility Name:	Tradebe Treatment & Recycling Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	4343 KENNEDY AVE
Designated Facility Mail City:	EAST CHICAGO
Designated Facility Mail Zip:	46312
Designated Facility Mail State:	IN
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	4343 KENNEDY AVE
Designated Facility Location Street 2:	Not Reported

UNIV OF IL CHICAGO ENV SAFETY, 1110 S PAULINA ST, CHICAGO, IL 60612 (Continued)

Designated Facility Location City:	EAST CHICAGO
Designated Facility Location Zip:	46312
Designated Facility Location State:	IN
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	019004615JJK
Last Updated Date:	20200214
Shipped Date:	20190502
Received Date:	20190514
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Web
Generator EPA ID:	ILD984906198
Generator Name:	Univ Of Il Chicago Env Safety
Generator Location Street Number:	Not Reported
Generator Location Street 1:	1110 S PAULINA ST
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	1129 S HERMITAGE AVE
Generator Mail Street 2:	Not Reported
Generator Mail City:	CHICAGO
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	FLD980711071
Designated Facility Name:	Perma-Fix Of Florida Inc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	1940 NW 67TH PL
Designated Facility Mail City:	GAINESVILLE
Designated Facility Mail Zip:	32653-1649
Designated Facility Mail State:	FL
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	1940 NW 67TH PL
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	GAINESVILLE
Designated Facility Location Zip:	32653-1649
Designated Facility Location State:	FL
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	018839154JJK

UNIV OF IL CHICAGO ENV SAFETY, 1110 S PAULINA ST, CHICAGO, IL 60612 (Continued)

Last Updated Date:	20181206
Shipped Date:	20181002
Received Date:	20181005
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	Univ Of Il Chicago Env Safety
Generator Location Street Number:	Not Reported
Generator Location Street 1:	1110 S PAULINA ST
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	1129 S HERMITAGE AVE
Generator Mail Street 2:	Not Reported
Generator Mail City:	CHICAGO
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	IND000646943
Designated Facility Name:	Tradebe Treatment & Recycling Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	4343 KENNEDY AVE
Designated Facility Mail City:	EAST CHICAGO
Designated Facility Mail Zip:	46312
Designated Facility Mail State:	IN
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	4343 KENNEDY AVE
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	EAST CHICAGO
Designated Facility Location Zip:	46312
Designated Facility Location State:	IN
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Transporter:

Manifest Tracking Number:	018839154JJK
Transporter Line Number:	1
Transporter EPA ID:	INR000123497
Transporter Name:	Tradebe Transportation Llc

Waste Line:

Manifest Tracking Number:	018839154JJK

UNIV OF IL CHICAGO ENV SAFETY, 1110 S PAULINA ST, CHICAGO, IL 60612 (Continued)

Waste Line Number:	1
U.S. DOT Hazardous Indicator:	Y
U.S. DOT ID Number:	UN1993
U.S. DOT Description:	Un1993 Waste Flammable Liquids, N.O.S. (Acetone, Xylene) 3 Ii
Non-Hazardous Waste Description:	Not Reported
Number of Containers:	12
Container Type Code:	DF
Container Type Description:	Fiberboard or plastic drums, barrels, kegs
Waste Quantity:	3600
Quantity Unit of Measure Code:	P
Quantity Unit of Measure Description:	Pounds
Waste Quantity, in Tons:	1.8
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	1.8
Waste Quantity, in Kilograms:	1632.654
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	1632.654
Management Method Code:	H061
Management Method Description:	FUEL BLENDING
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not Reported
Waste Density Unit of Measure Code:	Not Reported
Waste Density Unit of Measure Description:	Not Reported
Form Code:	Not Reported
Form Code Description:	Not Reported
Source Code:	Not Reported
Source Code Description:	Not Reported
Waste Minimization Code:	Not Reported
Waste Minimization Code Description:	Not Reported
Consent Number:	Not Reported
EPA Waste Indicator:	Y
Federal Waste Codes:	D001, F001, U002, U003
Quantity Haz Kg:	1632.654
Quantity Haz Tons:	1.8
Quantity Non Haz Kg:	0
Quantity Non Haz Tons:	0
State Waste Codes:	Not Reported
Manifest Tracking Number:	018839154JJK
Waste Line Number:	2
U.S. DOT Hazardous Indicator:	Y
U.S. DOT ID Number:	UN1992
U.S. DOT Description:	Un1992 Waste Flammable Liquids, Toxic, N.O.S. (Methanol, Chloroform) 3 (6.1) Iii
Non-Hazardous Waste Description:	Not Reported
Number of Containers:	6
Container Type Code:	DF
Container Type Description:	Fiberboard or plastic drums, barrels, kegs

UNIV OF IL CHICAGO ENV SAFETY, 1110 S PAULINA ST, CHICAGO, IL 60612 (Continued)

Waste Quantity:	1800
Quantity Unit of Measure Code:	P
Quantity Unit of Measure Description:	Pounds
Waste Quantity, in Tons:	0.9
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.9
Waste Quantity, in Kilograms:	816.327
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	816.327
Management Method Code:	H061
Management Method Description:	FUEL BLENDING
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not Reported
Waste Density Unit of Measure Code:	Not Reported
Waste Density Unit of Measure Description:	Not Reported
Form Code:	Not Reported
Form Code Description:	Not Reported
Source Code:	Not Reported
Source Code Description:	Not Reported
Waste Minimization Code:	Not Reported
Waste Minimization Code Description:	Not Reported
Consent Number:	Not Reported
EPA Waste Indicator:	Y
Federal Waste Codes:	D001, F002, F003, F005
Quantity Haz Kg:	816.327
Quantity Haz Tons:	0.9
Quantity Non Haz Kg:	0
Quantity Non Haz Tons:	0
State Waste Codes:	Not Reported
Manifest Tracking Number:	018839154JJK
Waste Line Number:	3
U.S. DOT Hazardous Indicator:	Y
U.S. DOT ID Number:	UN3243
U.S. DOT Description:	Un3243 Waste Solids Containing Toxic Liquid, N.O.S. (Chloroform, Methylene Chloride) 6.1 Ii
Non-Hazardous Waste Description:	Not Reported
Number of Containers:	1
Container Type Code:	DF
Container Type Description:	Fiberboard or plastic drums, barrels, kegs
Waste Quantity:	30
Quantity Unit of Measure Code:	P
Quantity Unit of Measure Description:	Pounds
Waste Quantity, in Tons:	0.015
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.015
Waste Quantity, in Kilograms:	13.60545
Acute Waste Quantity, in Kilograms:	0

UNIV OF IL CHICAGO ENV SAFETY, 1110 S PAULINA ST, CHICAGO, IL 60612 (Continued)

Non-Acute Waste Quantity, in Kilorgrams:	13.60545
Management Method Code:	H020
Management Method Description:	SOLVENTS RECOVERY
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not Reported
Waste Density Unit of Measure Code:	Not Reported
Waste Density Unit of Measure Description:	Not Reported
Form Code:	Not Reported
Form Code Description:	Not Reported
Source Code:	Not Reported
Source Code Description:	Not Reported
Waste Minimization Code:	Not Reported
Waste Minimization Code Description:	Not Reported
Consent Number:	Not Reported
EPA Waste Indicator:	Y
Federal Waste Codes:	D022, F002, F003
Quantity Haz Kg:	13.60545
Quantity Haz Tons:	0.015
Quantity Non Haz Kg:	0
Quantity Non Haz Tons:	0
State Waste Codes:	Not Reported
Manifest Tracking Number:	018839154JJK
Waste Line Number:	4
U.S. DOT Hazardous Indicator:	N
U.S. DOT ID Number:	Not Reported
U.S. DOT Description:	Not Reported
Non-Hazardous Waste Description:	Non-Regulated Material
Number of Containers:	1
Container Type Code:	DF
Container Type Description:	Fiberboard or plastic drums, barrels, kegs
Waste Quantity:	50
Quantity Unit of Measure Code:	P
Quantity Unit of Measure Description:	Pounds
Waste Quantity, in Tons:	0.025
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.025
Waste Quantity, in Kilograms:	22.67575
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	22.67575
Management Method Code:	Not Reported
Management Method Description:	Not Reported
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not Reported

UNIV OF IL CHICAGO ENV SAFETY, 1110 S PAULINA ST, CHICAGO, IL 60612 (Continued)

Waste Density Unit of Measure Code:	Not Reported
Waste Density Unit of Measure Description:	Not Reported
Form Code:	Not Reported
Form Code Description:	Not Reported
Source Code:	Not Reported
Source Code Description:	Not Reported
Waste Minimization Code:	Not Reported
Waste Minimization Code Description:	Not Reported
Consent Number:	Not Reported
EPA Waste Indicator:	N
Federal Waste Codes:	Not Reported
Quantity Haz Kg:	0
Quantity Haz Tons:	0
Quantity Non Haz Kg:	22.67575
Quantity Non Haz Tons:	0.025
State Waste Codes:	Not Reported
Manifest Tracking Number:	018839154JJK
Waste Line Number:	5
U.S. DOT Hazardous Indicator:	Y
U.S. DOT ID Number:	UN2809
U.S. DOT Description:	Un2809 Waste Mercury 8 (6.1) Iii
Non-Hazardous Waste Description:	Not Reported
Number of Containers:	4
Container Type Code:	DF
Container Type Description:	Fiberboard or plastic drums, barrels, kegs
Waste Quantity:	60
Quantity Unit of Measure Code:	P
Quantity Unit of Measure Description:	Pounds
Waste Quantity, in Tons:	0.03
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.03
Waste Quantity, in Kilograms:	27.2109
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	27.2109
Management Method Code:	H141
Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not Reported
Waste Density Unit of Measure Code:	Not Reported
Waste Density Unit of Measure Description:	Not Reported
Form Code:	Not Reported
Form Code Description:	Not Reported
Source Code:	Not Reported
Source Code Description:	Not Reported
Waste Minimization Code:	Not Reported

UNIV OF IL CHICAGO ENV SAFETY, 1110 S PAULINA ST, CHICAGO, IL 60612 (Continued)

Waste Minimization Code Description:	Not Reported
Consent Number:	Not Reported
EPA Waste Indicator:	Y
Federal Waste Codes:	D009
Quantity Haz Kg:	27.2109
Quantity Haz Tons:	0.03
Quantity Non Haz Kg:	0
Quantity Non Haz Tons:	0
State Waste Codes:	Not Reported

UNIV OF IL CHICAGO ENV SAFETY 1110 S. PAULINA, CHICAGO, IL, 60612		1015733798
▲ J59	S 1/10 - 1/3 (725 ft. / 0.137 mi.)	Lists of Federal CERCLA sites with NFRAP Lists of Federal RCRA generators Other Ascertainable Records
	Equal Elevation 593 ft. Above Sea Level	

Worksheet:

SEMS Archive: Lists of Federal CERCLA sites with NFRAP

Site ID:	0507505
EPA ID:	ILD984906198
Name:	UNIVERSITY OF ILLINOIS AT CHICAGO
Address:	1110 SOUTH PAULINA STREET
Address 2:	Not Reported
City,State,Zip:	CHICAGO, IL 60612
Cong District:	07
FIPS Code:	17031
FF:	N
NPL:	Not on the NPL
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:

Region:	05
Site ID:	0507505
EPA ID:	ILD984906198
Site Name:	UNIVERSITY OF ILLINOIS AT CHICAGO
NPL:	N
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	Not Reported
Finish Date:	1994-02-09 05:00:00
Qual:	D
Current Action Lead:	EPA Perf
Region:	05
Site ID:	0507505

UNIV OF IL CHICAGO ENV SAFETY, 1110 S. PAULINA, CHICAGO, IL 60612 (Continued)

EPA ID:	ILD984906198
Site Name:	UNIVERSITY OF ILLINOIS AT CHICAGO
NPL:	N
FF:	N
OU:	00
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	1993-01-05 05:00:00
Finish Date:	1993-01-05 05:00:00
Qual:	Not Reported
Current Action Lead:	EPA Perf
Region:	05
Site ID:	0507505
EPA ID:	ILD984906198
Site Name:	UNIVERSITY OF ILLINOIS AT CHICAGO
NPL:	N
FF:	N
OU:	00
Action Code:	OO
Action Name:	SITE REASS
SEQ:	1
Start Date:	Not Reported
Finish Date:	2001-09-04 04:00:00
Qual:	N
Current Action Lead:	St Perf
Region:	05
Site ID:	0507505
EPA ID:	ILD984906198
Site Name:	UNIVERSITY OF ILLINOIS AT CHICAGO
NPL:	N
FF:	N
OU:	00
Action Code:	VS
Action Name:	ARCH SITE
SEQ:	1
Start Date:	Not Reported
Finish Date:	1995-12-11 05:00:00
Qual:	Not Reported
Current Action Lead:	EPA Perf In-Hse

RCRA Listings: Lists of Federal RCRA generators

Date Form Received by Agency:	20250212
Handler Name:	Univ Of Il Chicago Env Safety
Handler Address:	S. Paulina
Handler City,State,Zip:	CHICAGO, IL 60612
EPA ID:	ILD984906198
Contact Name:	THOMAS JOHNSON

UNIV OF IL CHICAGO ENV SAFETY, 1110 S. PAULINA, CHICAGO, IL 60612 (Continued)

Contact Address:	S HERMITAGE AVE
Contact City,State,Zip:	CHICAGO, IL 60612
Contact Telephone:	312-413-9086
Contact Fax:	Not Reported
Contact Email:	TJOHNS16@UIC.EDU
Contact Title:	HAZARDOUS WASTE COMPLIANCE MANAGER
EPA Region:	05
Land Type:	State
Federal Waste Generator Description:	Large Quantity Generator
Non-Notifier:	Not Reported
Biennial Report Cycle:	2024
Accessibility:	Not Reported
Active Site Indicator:	Handler Activities
State District Owner:	Il
State District:	DESPLAINES
Mailing Address:	S HERMITAGE AVE
Mailing City,State,Zip:	CHICAGO, IL 60612
Owner Name:	Univ Of Il Chicago Env Safety
Owner Type:	State
Operator Name:	Univ Of Il Chicago Env Safety
Operator Type:	State
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	Yes
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not Reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Subpart K - College
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A

UNIV OF IL CHICAGO ENV SAFETY, 1110 S. PAULINA, CHICAGO, IL 60612 (Continued)

Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not Reported
Handler Date of Last Change:	20250219
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Biennial: List of Years

Year:	2023
Click Here for Biennial Reporting System Data:	https://enviro.epa.gov/envirofacts/br/report?handlerId=ILD984906198&reportingYear=2023
Year:	2021
Click Here for Biennial Reporting System Data:	https://enviro.epa.gov/envirofacts/br/report?handlerId=ILD984906198&reportingYear=2021
Year:	2019
Click Here for Biennial Reporting System Data:	https://enviro.epa.gov/envirofacts/br/report?handlerId=ILD984906198&reportingYear=2019
Year:	2017
Click Here for Biennial Reporting System Data:	https://enviro.epa.gov/envirofacts/br/report?handlerId=ILD984906198&reportingYear=2017
Year:	2015
Click Here for Biennial Reporting System Data:	https://enviro.epa.gov/envirofacts/br/report?handlerId=ILD984906198&reportingYear=2015
Year:	2013
Click Here for Biennial Reporting System Data:	https://enviro.epa.gov/envirofacts/br/report?handlerId=ILD984906198&reportingYear=2013
Year:	2011
Click Here for Biennial Reporting System Data:	https://enviro.epa.gov/envirofacts/br/report?handlerId=ILD984906198&reportingYear=2011
Year:	2009
Click Here for Biennial Reporting System Data:	https://enviro.epa.gov/envirofacts/br/report?handlerId=ILD984906198&reportingYear=2009
Year:	2007
Click Here for Biennial Reporting System Data:	https://enviro.epa.gov/envirofacts/br/report?handlerId=ILD984906198&reportingYear=2007
Year:	2005
Click Here for Biennial Reporting System Data:	https://enviro.epa.gov/envirofacts/br/report?handlerId=ILD984906198&reportingYear=2005
Year:	2003
Click Here for Biennial Reporting System Data:	https://enviro.epa.gov/envirofacts/br/report?handlerId=ILD984906198&reportingYear=2003
Year:	2001

UNIV OF IL CHICAGO ENV SAFETY, 1110 S. PAULINA, CHICAGO, IL 60612 (Continued)

Click Here for Biennial Reporting System Data:	https://enviro.epa.gov/envirofacts/br/report?handlerId=ILD984906198&reportingYear=2001

Hazardous Waste Summary:

Waste Code:	D000
Waste Description:	Not Defined
Waste Code:	D001
Waste Description:	Ignitable Waste
Waste Code:	D002
Waste Description:	Corrosive Waste
Waste Code:	D003
Waste Description:	Reactive Waste
Waste Code:	D004
Waste Description:	Arsenic
Waste Code:	D005
Waste Description:	Barium
Waste Code:	D006
Waste Description:	Cadmium
Waste Code:	D007
Waste Description:	Chromium
Waste Code:	D008
Waste Description:	Lead
Waste Code:	D009
Waste Description:	Mercury
Waste Code:	D010
Waste Description:	Selenium
Waste Code:	D011
Waste Description:	Silver
Waste Code:	D012
Waste Description:	Endrin (1,2,3,4,10,10-Hexachloro-1,7-Epoxy-1,4,4a,5,6,7,8,8a-Octahydro-1,4-Endo, Endo-5,8-Dimeth-Ano-Naphthalene)
Waste Code:	D013
Waste Description:	Lindane (1,2,3,4,5,6-Hexa-Chlorocyclohexane, Gamma Isomer)
Waste Code:	D014
Waste Description:	Methoxychlor (1,1,1-Trichloro-2,2-Bis [P-Methoxyphenyl] Ethane)
Waste Code:	D015
Waste Description:	Toxaphene (C10 H10 Cl8, Technical Chlorinated Camphene, 67-69 Percent Chlorine)
Waste Code:	D016
Waste Description:	2,4-D (2,4-Dichlorophenoxyacetic Acid)
Waste Code:	D017
Waste Description:	2,4,5-Tp Silvex (2,4,5-Trichlorophenoxypropionic Acid)

UNIV OF IL CHICAGO ENV SAFETY, 1110 S. PAULINA, CHICAGO, IL 60612 (Continued)

Waste Code:	D018
Waste Description:	Benzene
Waste Code:	D019
Waste Description:	Carbon Tetrachloride
Waste Code:	D020
Waste Description:	Chlordane
Waste Code:	D021
Waste Description:	Chlorobenzene
Waste Code:	D022
Waste Description:	Chloroform
Waste Code:	D023
Waste Description:	O-Cresol
Waste Code:	D024
Waste Description:	M-Cresol
Waste Code:	D025
Waste Description:	P-Cresol
Waste Code:	D026
Waste Description:	Cresol
Waste Code:	D027
Waste Description:	1,4-Dichlorobenzene
Waste Code:	D028
Waste Description:	1,2-Dichloroethane
Waste Code:	D029
Waste Description:	1,1-Dichloroethylene
Waste Code:	D030
Waste Description:	2,4-Dinitrotoluene
Waste Code:	D031
Waste Description:	Heptachlor (And Its Epoxide)
Waste Code:	D032
Waste Description:	Hexachlorobenzene
Waste Code:	D033
Waste Description:	Hexachlorobutadiene
Waste Code:	D034
Waste Description:	Hexachloroethane
Waste Code:	D035
Waste Description:	Methyl Ethyl Ketone
Waste Code:	D036
Waste Description:	Nitrobenzene
Waste Code:	D037
Waste Description:	Pentachlorophenol

UNIV OF IL CHICAGO ENV SAFETY, 1110 S. PAULINA, CHICAGO, IL 60612 (Continued)

Waste Code:	D038
Waste Description:	Pyridine
Waste Code:	D039
Waste Description:	Tetrachloroethylene
Waste Code:	D040
Waste Description:	Trichloroethylene
Waste Code:	D041
Waste Description:	2,4,5-Trichlorophenol
Waste Code:	D042
Waste Description:	2,4,6-Trichlorophenol
Waste Code:	D043
Waste Description:	Vinyl Chloride
Waste Code:	F001
Waste Description:	The Following Spent Halogenated Solvents Used In Degreasing: Tetrachloroethylene, Trichlorethylene, Methylene Chloride, 1,1,1-Trichloroethane, Carbon Tetrachloride And Chlorinated Fluorocarbons; All Spent Solvent Mixtures/Blends Used In Degreasing Containing, Before Use, A Total Of Ten Percent Or More (By Volume) Of One Or More Of The Above Halogenated Solvents Or Those Solvents Listed In F002, F004, And F005; And Still Bottoms From The Recovery Of These Spent Solvents And Spent Solvent Mixtures.
Waste Code:	F002
Waste Description:	The Following Spent Halogenated Solvents: Tetrachloroethylene, Methylene Chloride, Trichloroethylene, 1,1,1-Trichloroethane, Chlorobenzene, 1,1,2-Trichloro-1,2,2-Trifluoroethane, Ortho-Dichlorobenzene, Trichlorofluoromethane, And 1,1,2, Trichloroethane; All Spent Solvent Mixtures/Blends Containing, Before Use, A Total Of Ten Percent Or More (By Volume) Of One Or More Of The Above Halogenated Solvents Or Those Solvents Listed In F001, F004, And F005; And Still Bottoms From The Recovery Of These Spent Solvents And Spent Solvent Mixtures.
Waste Code:	F003
Waste Description:	The Following Spent Nonhalogenated Solvents: Xylene, Acetone, Ethyl Acetate, Ethyl Benzene, Ethyl Ether, Methyl Isobutyl Ketone, N-Butyl Alcohol, Cyclohexanone, And Methanol; All Spent Solvent Mixtures/Blends Containing, Before Use, Only The Above Spent Nonhalogenated Solvents; And All Spent Solvent Mixtures/Blends Containing, Before Use, One Or More Of The Above Nonhalogenated Solvents, And A Total Of Ten Percent Or More (By Volume) Of One Or More Of Those Solvents Listed In F001, F002, F004, And F005; And Still Bottoms From The Recovery Of These Spent Solvents And Spent Solvent Mixtures.
Waste Code:	F004
Waste Description:	The Following Spent Nonhalogenated Solvents: Cresols, Cresylic Acid, And Nitrobenzene; And The Still Bottoms From The Recovery Of These Solvents; All Spent Solvent Mixtures/Blends Containing, Before Use, A Total Of Ten Percent Or More (By Volume) Of One Or More Of The Above Nonhalogenated Solvents Or Those Solvents Listed In F001, F002, And F005; And Still Bottoms From The Recovery Of These Spent Solvents And Spent Solvent Mixtures.
Waste Code:	F005
Waste Description:	The Following Spent Nonhalogenated Solvents: Toluene, Methyl Ethyl Ketone, Carbon Disulfide, Isobutanol, Pyridine, Benzene, 2-Ethoxyethanol, And 2-Nitropropane; All Spent Solvent Mixtures/Blends Containing, Before Use, A Total Of Ten Percent Or More (By Volume) Of One Or More Of The Above Nonhalogenated Solvents Or Those Solvents Listed In F001, F002, Or F004; And Still Bottoms From The Recovery Of These Spent Solvents And Spent Solvent Mixtures.
Waste Code:	F027
Waste Description:	Discarded Unused Formulations Containing Tri-, Tetra-, Or Pentachlorophenol Or Discarded Unused Formulations Containing Compounds Derived From These Chlorophenols. (This Listing Does Not Include Formulations Containing Hexachlorophene Synthesized From Prepurified 2,4,5-Trichlorophenol As The Sole Component.)
Waste Code:	LABP
Waste Description:	Lab Pack

UNIV OF IL CHICAGO ENV SAFETY, 1110 S. PAULINA, CHICAGO, IL 60612 (Continued)

Waste Code:	P001
Waste Description:	2h-1-Benzopyran-2-One, 4-Hydroxy-3-(3-Oxo-1-Phenylbutyl)-, & Salts, When Present At Concentrations Greater Than 0.3% (Or) Warfarin, & Salts, When Present At Concentrations Greater Than 0.3%
Waste Code:	P003
Waste Description:	2-Propenal (Or) Acrolein
Waste Code:	P007
Waste Description:	3(2h)-Isoxazolone, 5-(Aminomethyl)- (Or) 5-(Aminomethyl)-3-Isoxazolol
Waste Code:	P008
Waste Description:	4-Aminopyridine (Or) 4-Pyridinamine
Waste Code:	P010
Waste Description:	Arsenic Acid H3aso4
Waste Code:	P011
Waste Description:	Arsenic Oxide As2o5 (Or) Arsenic Pentoxide
Waste Code:	P012
Waste Description:	Arsenic Oxide As2o3 (Or) Arsenic Trioxide
Waste Code:	P014
Waste Description:	Benzenethiol (Or) Thiophenol
Waste Code:	P022
Waste Description:	Carbon Disulfide
Waste Code:	P023
Waste Description:	Acetaldehyde, Chloro- (Or) Chloroacetaldehyde
Waste Code:	P028
Waste Description:	Benzene, (Chloromethyl)- (Or) Benzyl Chloride
Waste Code:	P030
Waste Description:	Cyanides (Soluble Cyanide Salts), Not Otherwise Specified
Waste Code:	P042
Waste Description:	1,2-Benzenediol, 4-[1-Hydroxy-2-(Methylamino)Ethyl]-, (R)- (Or) Epinephrine
Waste Code:	P043
Waste Description:	Diisopropylfluorophosphate (Dfp) (Or) Phosphorofluoridic Acid, Bis(1-Methylethyl) Ester
Waste Code:	P044
Waste Description:	Dimethoate (Or) Phosphorodithioic Acid, O,O-Dimethyl S-[2-(Methylamino)-2-Oxoethyl] Ester
Waste Code:	P048
Waste Description:	2,4-Dinitrophenol (Or) Phenol, 2,4-Dinitro-
Waste Code:	P056
Waste Description:	Fluorine
Waste Code:	P068
Waste Description:	Hydrazine, Methyl- (Or) Methyl Hydrazine
Waste Code:	P070
Waste Description:	Aldicarb (Or) Propanal, 2-Methyl-2-(Methylthio)-, O-[(Methylamino)Carbonyl]Oxime
Waste Code:	P073

UNIV OF IL CHICAGO ENV SAFETY, 1110 S. PAULINA, CHICAGO, IL 60612 (Continued)

Waste Description:	Nickel Carbonyl (Or) Nickel Carbonyl Ni(Co)4, (T-4)-
Waste Code:	P075
Waste Description:	Nicotine, & Salts (Or) Pyridine, 3-(1-Methyl-2-Pyrrolidinyl)-,(S)-, & Salts
Waste Code:	P076
Waste Description:	Nitric Oxide (Or) Nitrogen Oxide No
Waste Code:	P077
Waste Description:	Benzenamine, 4-Nitro- (Or) P-Nitroaniline
Waste Code:	P078
Waste Description:	Nitrogen Dioxide (Or) Nitrogen Oxide No2
Waste Code:	P087
Waste Description:	Osmium Oxide Oso4, (T-4)- (Or) Osmium Tetroxide
Waste Code:	P092
Waste Description:	Mercury, (Acetato-O)Phenyl- (Or) Phenylmercury Acetate
Waste Code:	P096
Waste Description:	Hydrogen Phosphide (Or) Phosphine
Waste Code:	P098
Waste Description:	Potassium Cyanide (Or) Potassium Cyanide K(Cn)
Waste Code:	P105
Waste Description:	Sodium Azide
Waste Code:	P106
Waste Description:	Sodium Cyanide (Or) Sodium Cyanide Na(Cn)
Waste Code:	P108
Waste Description:	Strychnidin-10-One, & Salts (Or) Strychnine, & Salts
Waste Code:	P116
Waste Description:	Hydrazinecarbothioamide (Or) Thiosemicarbazide
Waste Code:	P119
Waste Description:	Ammonium Vanadate (Or) Vanadic Acid, Ammonium Salt
Waste Code:	P120
Waste Description:	Vanadium Oxide V2o5 (Or) Vanadium Pentoxide
Waste Code:	U002
Waste Description:	2-Propanone (I) (Or) Acetone (I)
Waste Code:	U003
Waste Description:	Acetonitrile (I,T)
Waste Code:	U006
Waste Description:	Acetyl Chloride (C,R,T)
Waste Code:	U029
Waste Description:	Methane, Bromo- (Or) Methyl Bromide
Waste Code:	U031
Waste Description:	1-Butanol (I) (Or) N-Butyl Alcohol (I)
Waste Code:	U043

UNIV OF IL CHICAGO ENV SAFETY, 1110 S. PAULINA, CHICAGO, IL 60612 (Continued)

Waste Description:	Ethene, Chloro- (Or) Vinyl Chloride
Waste Code:	U045
Waste Description:	Methane, Chloro- (I,T) (Or) Methyl Chloride (I,T)
Waste Code:	U075
Waste Description:	Dichlorodifluoromethane (Or) Methane, Dichlorodifluoro-
Waste Code:	U092
Waste Description:	Dimethylamine (I) (Or) Methanamine, N-Methyl- (I)
Waste Code:	U112
Waste Description:	Acetic Acid, Ethyl Ester (I) (Or) Ethyl Acetate (I)
Waste Code:	U121
Waste Description:	Methane, Trichlorofluoro- (Or) Trichloromonofluoromethane
Waste Code:	U122
Waste Description:	Formaldehyde
Waste Code:	U129
Waste Description:	Cyclohexane, 1,2,3,4,5,6-Hexachloro-, (1alpha, 2alpha, 3beta, 4alpha, 5alpha, 6beta)- (Or) Lindane
Waste Code:	U133
Waste Description:	Hydrazine (R,T)
Waste Code:	U134
Waste Description:	Hydrofluoric Acid (C,T) (Or) Hydrogen Fluoride (C,T)
Waste Code:	U135
Waste Description:	Hydrogen Sulfide (Or) Hydrogen Sulfide H2s
Waste Code:	U151
Waste Description:	Mercury
Waste Code:	U165
Waste Description:	Naphthalene
Waste Code:	U168
Waste Description:	2-Napthalenamine (Or) Beta-Naphthylamine
Waste Code:	U188
Waste Description:	Phenol
Waste Code:	U211
Waste Description:	Carbon Tetrachloride (Or) Methane, Tetrachloro-
Waste Code:	U213
Waste Description:	Furan, Tetrahydro-(I) (Or) Tetrahydrofuran (I)
Waste Code:	U246
Waste Description:	Cyanogen Bromide (Cn)Br

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNIV OF IL CHICAGO ENV SAFETY
Legal Status:	State
Date Became Current:	20020901

UNIV OF IL CHICAGO ENV SAFETY, 1110 S. PAULINA, CHICAGO, IL 60612 (Continued)

Date Ended Current:	Not Reported
Owner/Operator Address:	1129 S HERMITAGE AVE
Owner/Operator City,State,Zip:	CHICAGO, IL 60612
Owner/Operator Telephone:	Not Reported
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported
Owner/Operator Email:	Not Reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	UNIV OF IL CHICAGO ENV SAFETY
Legal Status:	State
Date Became Current:	20020901
Date Ended Current:	Not Reported
Owner/Operator Address:	1129 S HERMITAGE AVE
Owner/Operator City,State,Zip:	CHICAGO, IL 60612
Owner/Operator Telephone:	Not Reported
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported
Owner/Operator Email:	Not Reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	UNIV OF IL CHICAGO ENV SAFETY
Legal Status:	State
Date Became Current:	20020901
Date Ended Current:	Not Reported
Owner/Operator Address:	1129 S HERMITAGE AVE
Owner/Operator City,State,Zip:	CHICAGO, IL 60612
Owner/Operator Telephone:	312-413-9086
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported
Owner/Operator Email:	TJOHNS16@UIC.EDU
Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNIV OF IL CHICAGO ENV SAFETY
Legal Status:	State
Date Became Current:	20020901
Date Ended Current:	Not Reported
Owner/Operator Address:	1129 S HERMITAGE AVE
Owner/Operator City,State,Zip:	CHICAGO, IL 60612
Owner/Operator Telephone:	312-413-9086
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported
Owner/Operator Email:	TJOHNS16@UIC.EDU
Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNIV OF IL CHICAGO ENV SAFETY
Legal Status:	State
Date Became Current:	18670101
Date Ended Current:	Not Reported
Owner/Operator Address:	1140 S PAULINA ST MC645
Owner/Operator City,State,Zip:	CHICAGO, IL 60612-7217
Owner/Operator Telephone:	Not Reported

UNIV OF IL CHICAGO ENV SAFETY, 1110 S. PAULINA, CHICAGO, IL 60612 (Continued)

Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported
Owner/Operator Email:	Not Reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	UNIV OF IL CHICAGO ENV SAFETY
Legal Status:	State
Date Became Current:	20100101
Date Ended Current:	Not Reported
Owner/Operator Address:	1140 S PAULINA ST RM 245
Owner/Operator City,State,Zip:	CHICAGO, IL 60612-7217
Owner/Operator Telephone:	Not Reported
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported
Owner/Operator Email:	Not Reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNIV OF IL CHICAGO ENV SAFETY
Legal Status:	State
Date Became Current:	20020901
Date Ended Current:	Not Reported
Owner/Operator Address:	1129 S HERMITAGE AVE
Owner/Operator City,State,Zip:	CHICAGO, IL 60612
Owner/Operator Telephone:	Not Reported
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported
Owner/Operator Email:	Not Reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ILLINOIS UNIVERSITY OF AT CHICAGO
Legal Status:	State
Date Became Current:	Not Reported
Date Ended Current:	Not Reported
Owner/Operator Address:	715 S WOOD ST
Owner/Operator City,State,Zip:	CHICAGO, IL 60612
Owner/Operator Telephone:	312-996-7411
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported
Owner/Operator Email:	Not Reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNIV OF IL CHICAGO ENV SAFETY
Legal Status:	State
Date Became Current:	20020901
Date Ended Current:	Not Reported
Owner/Operator Address:	1129 S HERMITAGE AVE
Owner/Operator City,State,Zip:	CHICAGO, IL 60612
Owner/Operator Telephone:	Not Reported
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported
Owner/Operator Email:	Not Reported

UNIV OF IL CHICAGO ENV SAFETY, 1110 S. PAULINA, CHICAGO, IL 60612 (Continued)

Owner/Operator Indicator:	Operator
Owner/Operator Name:	UNIV OF IL CHICAGO ENV SAFETY
Legal Status:	State
Date Became Current:	20020901
Date Ended Current:	Not Reported
Owner/Operator Address:	1129 S HERMITAGE AVE
Owner/Operator City,State,Zip:	CHICAGO, IL 60612
Owner/Operator Telephone:	Not Reported
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported
Owner/Operator Email:	Not Reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	UNIV OF IL CHICAGO ENV SAFETY
Legal Status:	State
Date Became Current:	20020901
Date Ended Current:	Not Reported
Owner/Operator Address:	1129 S HERMITAGE AVE
Owner/Operator City,State,Zip:	CHICAGO, IL 60612
Owner/Operator Telephone:	312-413-9086
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported
Owner/Operator Email:	TJOHNS16@UIC.EDU

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNIV OF IL CHICAGO ENV SAFETY
Legal Status:	State
Date Became Current:	20020901
Date Ended Current:	Not Reported
Owner/Operator Address:	1129 S HERMITAGE AVE
Owner/Operator City,State,Zip:	CHICAGO, IL 60612
Owner/Operator Telephone:	Not Reported
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported
Owner/Operator Email:	Not Reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNIV OF IL CHICAGO ENV SAFETY
Legal Status:	State
Date Became Current:	20020901
Date Ended Current:	Not Reported
Owner/Operator Address:	1129 S HERMITAGE AVE
Owner/Operator City,State,Zip:	CHICAGO, IL 60612
Owner/Operator Telephone:	312-413-9086
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported
Owner/Operator Email:	TJOHNS16@UIC.EDU

Owner/Operator Indicator:	Operator
Owner/Operator Name:	UNIV OF IL CHICAGO ENV SAFETY
Legal Status:	State
Date Became Current:	20020901

UNIV OF IL CHICAGO ENV SAFETY, 1110 S. PAULINA, CHICAGO, IL 60612 (Continued)

Date Ended Current:	Not Reported
Owner/Operator Address:	1129 S HERMITAGE AVE
Owner/Operator City,State,Zip:	CHICAGO, IL 60612
Owner/Operator Telephone:	312-413-9086
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported
Owner/Operator Email:	TJOHNS16@UIC.EDU
Owner/Operator Indicator:	Operator
Owner/Operator Name:	U OF I CHICAGO ENV SAFETY FAC
Legal Status:	State
Date Became Current:	18670101
Date Ended Current:	Not Reported
Owner/Operator Address:	1140 S PAULINA ST RM 245
Owner/Operator City,State,Zip:	CHICAGO, IL 60612-7217
Owner/Operator Telephone:	Not Reported
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported
Owner/Operator Email:	Not Reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	U OF I-CHICAGO ENV SAFETY FAC
Legal Status:	State
Date Became Current:	18670101
Date Ended Current:	Not Reported
Owner/Operator Address:	1140 S PAULINA ST RM 245
Owner/Operator City,State,Zip:	CHICAGO, IL 60612-7217
Owner/Operator Telephone:	Not Reported
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported
Owner/Operator Email:	Not Reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	U OF I CHICAGO ENV SAFETY FAC
Legal Status:	State
Date Became Current:	18670101
Date Ended Current:	Not Reported
Owner/Operator Address:	1140 S PAULINA ST RM 245
Owner/Operator City,State,Zip:	CHICAGO, IL 60612-7217
Owner/Operator Telephone:	Not Reported
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported
Owner/Operator Email:	Not Reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNIV OF IL CHICAGO ENV SAFETY
Legal Status:	State
Date Became Current:	20110101
Date Ended Current:	Not Reported
Owner/Operator Address:	1140 S PAULINA ST MC645
Owner/Operator City,State,Zip:	CHICAGO, IL 60612-7217
Owner/Operator Telephone:	Not Reported

UNIV OF IL CHICAGO ENV SAFETY, 1110 S. PAULINA, CHICAGO, IL 60612 (Continued)

Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported
Owner/Operator Email:	Not Reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	UNIV OF IL CHICAGO ENV SAFETY
Legal Status:	State
Date Became Current:	20020901
Date Ended Current:	Not Reported
Owner/Operator Address:	1129 S HERMITAGE AVE
Owner/Operator City,State,Zip:	CHICAGO, IL 60612
Owner/Operator Telephone:	Not Reported
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported
Owner/Operator Email:	Not Reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	UNIV OF IL CHICAGO ENV SAFETY
Legal Status:	State
Date Became Current:	20020901
Date Ended Current:	Not Reported
Owner/Operator Address:	1129 S HERMITAGE AVE
Owner/Operator City,State,Zip:	CHICAGO, IL 60612
Owner/Operator Telephone:	Not Reported
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported
Owner/Operator Email:	Not Reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNIV OF IL CHICAGO ENV SAFETY
Legal Status:	State
Date Became Current:	20020901
Date Ended Current:	Not Reported
Owner/Operator Address:	1129 S HERMITAGE AVE
Owner/Operator City,State,Zip:	CHICAGO, IL 60612
Owner/Operator Telephone:	312-413-9086
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported
Owner/Operator Email:	TJOHNS16@UIC.EDU
Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNIV OF IL CHICAGO ENV SAFETY
Legal Status:	State
Date Became Current:	20020901
Date Ended Current:	Not Reported
Owner/Operator Address:	1129 S HERMITAGE AVE
Owner/Operator City,State,Zip:	CHICAGO, IL 60612
Owner/Operator Telephone:	312-413-9086
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported
Owner/Operator Email:	TJOHNS16@UIC.EDU

UNIV OF IL CHICAGO ENV SAFETY, 1110 S. PAULINA, CHICAGO, IL 60612 (Continued)

Owner/Operator Indicator:	Operator
Owner/Operator Name:	U OF I-CHICAGO ENV SAFETY FAC
Legal Status:	State
Date Became Current:	18670101
Date Ended Current:	Not Reported
Owner/Operator Address:	1140 S PAULINA ST RM 245
Owner/Operator City,State,Zip:	CHICAGO, IL 60612-7217
Owner/Operator Telephone:	Not Reported
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported
Owner/Operator Email:	Not Reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	UNIV OF IL CHICAGO ENV SAFETY
Legal Status:	State
Date Became Current:	20090101
Date Ended Current:	Not Reported
Owner/Operator Address:	1140 S PAULINA ST RM 245
Owner/Operator City,State,Zip:	CHICAGO, IL 60612-7217
Owner/Operator Telephone:	Not Reported
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported
Owner/Operator Email:	Not Reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	UNIV OF IL CHICAGO ENV SAFETY
Legal Status:	State
Date Became Current:	20020901
Date Ended Current:	Not Reported
Owner/Operator Address:	1129 S HERMITAGE AVE
Owner/Operator City,State,Zip:	CHICAGO, IL 60612
Owner/Operator Telephone:	312-413-9086
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported
Owner/Operator Email:	TJOHNS16@UIC.EDU

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNIV OF IL CHICAGO ENV SAFETY
Legal Status:	State
Date Became Current:	20020901
Date Ended Current:	Not Reported
Owner/Operator Address:	1129 S HERMITAGE AVE
Owner/Operator City,State,Zip:	CHICAGO, IL 60612
Owner/Operator Telephone:	312-413-9086
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported
Owner/Operator Email:	TJOHNS16@UIC.EDU

Owner/Operator Indicator:	Operator
Owner/Operator Name:	UNIV OF IL CHICAGO ENV SAFETY
Legal Status:	State
Date Became Current:	20020901

UNIV OF IL CHICAGO ENV SAFETY, 1110 S. PAULINA, CHICAGO, IL 60612 (Continued)

Date Ended Current:	Not Reported
Owner/Operator Address:	1129 S HERMITAGE AVE
Owner/Operator City,State,Zip:	CHICAGO, IL 60612
Owner/Operator Telephone:	312-413-9086
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported
Owner/Operator Email:	TJOHNS16@UIC.EDU
Owner/Operator Indicator:	Owner
Owner/Operator Name:	U OF I CHICAGO ENV SAFETY FAC
Legal Status:	State
Date Became Current:	18670101
Date Ended Current:	Not Reported
Owner/Operator Address:	1140 S PAULINA ST RM 245
Owner/Operator City,State,Zip:	CHICAGO, IL 60612-7217
Owner/Operator Telephone:	Not Reported
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported
Owner/Operator Email:	Not Reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	UNIV OF IL CHICAGO ENV SAFETY
Legal Status:	State
Date Became Current:	18670101
Date Ended Current:	Not Reported
Owner/Operator Address:	1140 S PAULINA ST RM 245
Owner/Operator City,State,Zip:	CHICAGO, IL 60612-7217
Owner/Operator Telephone:	Not Reported
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported
Owner/Operator Email:	Not Reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNIV OF IL CHICAGO ENV SAFETY
Legal Status:	State
Date Became Current:	20090101
Date Ended Current:	Not Reported
Owner/Operator Address:	1140 S PAULINA ST MC645
Owner/Operator City,State,Zip:	CHICAGO, IL 60612-7217
Owner/Operator Telephone:	Not Reported
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported
Owner/Operator Email:	Not Reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	UNIV OF IL CHICAGO ENV SAFETY
Legal Status:	State
Date Became Current:	20020901
Date Ended Current:	Not Reported
Owner/Operator Address:	1129 S HERMITAGE AVE
Owner/Operator City,State,Zip:	CHICAGO, IL 60612
Owner/Operator Telephone:	312-413-9086

UNIV OF IL CHICAGO ENV SAFETY, 1110 S. PAULINA, CHICAGO, IL 60612 (Continued)

Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported
Owner/Operator Email:	TJOHNS16@UIC.EDU
Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNIV OF IL CHICAGO ENV SAFETY
Legal Status:	State
Date Became Current:	20020901
Date Ended Current:	Not Reported
Owner/Operator Address:	1129 S HERMITAGE AVE
Owner/Operator City,State,Zip:	CHICAGO, IL 60612
Owner/Operator Telephone:	312-413-9086
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported
Owner/Operator Email:	TJOHNS16@UIC.EDU
Owner/Operator Indicator:	Owner
Owner/Operator Name:	U OF I-CHICAGO ENV SAFETY FAC
Legal Status:	State
Date Became Current:	18670101
Date Ended Current:	Not Reported
Owner/Operator Address:	1140 S PAULINA ST RM245
Owner/Operator City,State,Zip:	CHICAGO, IL 60612-7217
Owner/Operator Telephone:	Not Reported
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported
Owner/Operator Email:	Not Reported

Historic Generators:

Receive Date:	20100301
Handler Name:	UNIV OF IL CHICAGO ENV SAFETY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not Reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not Reported
Electronic Manifest Broker:	Not Reported
Receive Date:	20120301
Handler Name:	UNIV OF IL CHICAGO ENV SAFETY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not Reported
Large Quantity Handler of Universal Waste:	Yes
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No

UNIV OF IL CHICAGO ENV SAFETY, 1110 S. PAULINA, CHICAGO, IL 60612 (Continued)

Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not Reported
Electronic Manifest Broker:	Not Reported
Receive Date:	20120301
Handler Name:	UNIV OF IL CHICAGO ENV SAFETY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not Reported
Large Quantity Handler of Universal Waste:	Yes
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not Reported
Electronic Manifest Broker:	Not Reported
Receive Date:	20130301
Handler Name:	UNIV OF IL CHICAGO ENV SAFETY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not Reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not Reported
Electronic Manifest Broker:	Not Reported
Receive Date:	20160301
Handler Name:	UNIV OF IL CHICAGO ENV SAFETY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not Reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not Reported
Electronic Manifest Broker:	Not Reported
Receive Date:	20180301
Handler Name:	UNIV OF IL CHICAGO ENV SAFETY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not Reported
Large Quantity Handler of Universal Waste:	Yes

UNIV OF IL CHICAGO ENV SAFETY, 1110 S. PAULINA, CHICAGO, IL 60612 (Continued)

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

Receive Date:	20200226
Handler Name:	UNIV OF IL CHICAGO ENV SAFETY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not Reported
Large Quantity Handler of Universal Waste:	Yes
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Yes
Electronic Manifest Broker:	No

Receive Date:	20210223
Handler Name:	UNIV OF IL CHICAGO ENV SAFETY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Il
Large Quantity Handler of Universal Waste:	Yes
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Yes
Electronic Manifest Broker:	No

Receive Date:	20220210
Handler Name:	UNIV OF IL CHICAGO ENV SAFETY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Il
Large Quantity Handler of Universal Waste:	Yes
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Yes
Electronic Manifest Broker:	No

Receive Date:	20230222
Handler Name:	UNIV OF IL CHICAGO ENV SAFETY
Federal Waste Generator Description:	Large Quantity Generator

UNIV OF IL CHICAGO ENV SAFETY, 1110 S. PAULINA, CHICAGO, IL 60612 (Continued)

State District Owner:	Il
Large Quantity Handler of Universal Waste:	Yes
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Yes
Electronic Manifest Broker:	No

Receive Date:	20240228
Handler Name:	UNIV OF IL CHICAGO ENV SAFETY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Il
Large Quantity Handler of Universal Waste:	Yes
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

Receive Date:	20250212
Handler Name:	UNIV OF IL CHICAGO ENV SAFETY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Il
Large Quantity Handler of Universal Waste:	Yes
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

Receive Date:	19921020
Handler Name:	UNIVERSITY OF ILL AT CHICAGO
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not Reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not Reported
Electronic Manifest Broker:	Not Reported

UNIV OF IL CHICAGO ENV SAFETY, 1110 S. PAULINA, CHICAGO, IL 60612 (Continued)

Receive Date:	20010418
Handler Name:	UNIVERSITY OF ILL AT CHICAGO
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not Reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not Reported
Electronic Manifest Broker:	Not Reported

Receive Date:	19940301
Handler Name:	UNIVERSITY OF ILLINOIS
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not Reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not Reported
Electronic Manifest Broker:	Not Reported

Receive Date:	19960301
Handler Name:	UNIV OF IL CHICAGO WEST CAMPUS
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not Reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not Reported
Electronic Manifest Broker:	Not Reported

Receive Date:	19980301
Handler Name:	U OF I-CHICAGO ENV SAFETY FAC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not Reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

UNIV OF IL CHICAGO ENV SAFETY, 1110 S. PAULINA, CHICAGO, IL 60612 (Continued)

Non Storage Recycler Activity:	Not Reported
Electronic Manifest Broker:	Not Reported
Receive Date:	20000301
Handler Name:	UNIV OF IL CHICAGO ENV SAFETY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not Reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not Reported
Electronic Manifest Broker:	Not Reported
Receive Date:	20020301
Handler Name:	UNIV OF IL CHICAGO ENV SAFETY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not Reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not Reported
Electronic Manifest Broker:	Not Reported
Receive Date:	20040301
Handler Name:	UNIV OF IL CHICAGO ENV SAFETY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not Reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not Reported
Electronic Manifest Broker:	Not Reported
Receive Date:	20060301
Handler Name:	UNIV OF IL CHICAGO ENV SAFETY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not Reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

UNIV OF IL CHICAGO ENV SAFETY, 1110 S. PAULINA, CHICAGO, IL 60612 (Continued)

Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not Reported
Electronic Manifest Broker:	Not Reported

Receive Date:	20080301
Handler Name:	UNIV OF IL CHICAGO ENV SAFETY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not Reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not Reported
Electronic Manifest Broker:	Not Reported

List of NAICS Codes and Descriptions:

NAICS Code:	61131
NAICS Description:	Colleges, Universities, And Professional Schools
NAICS Code:	611310
NAICS Description:	Colleges, Universities, And Professional Schools
NAICS Code:	621
NAICS Description:	Ambulatory Health Care Services
NAICS Code:	62111
NAICS Description:	Offices Of Physicians
NAICS Code:	622
NAICS Description:	Hospitals
NAICS Code:	62211
NAICS Description:	General Medical And Surgical Hospitals
NAICS Code:	92119
NAICS Description:	Other General Government Support

Has the Facility Received Notices of Violations:

Found Violation:	No
Agency Which Determined Violation:	Not Reported
Violation Short Description:	Not Reported
Date Violation was Determined:	Not Reported
Actual Return to Compliance Date:	Not Reported
Return to Compliance Qualifier:	Not Reported
Violation Responsible Agency:	Not Reported
Scheduled Compliance Date:	Not Reported
Enforcement Identifier:	Not Reported
Date of Enforcement Action:	Not Reported

UNIV OF IL CHICAGO ENV SAFETY, 1110 S. PAULINA, CHICAGO, IL 60612 (Continued)

Enforcement Responsible Agency:	Not Reported
Enforcement Docket Number:	Not Reported
Enforcement Attorney:	Not Reported
Corrective Action Component:	Not Reported
Appeal Initiated Date:	Not Reported
Appeal Resolution Date:	Not Reported
Disposition Status Date:	Not Reported
Disposition Status:	Not Reported
Disposition Status Description:	Not Reported
Consent/Final Order Sequence Number:	Not Reported
Consent/Final Order Respondent Name:	Not Reported
Consent/Final Order Lead Agency:	Not Reported
Enforcement Type:	Not Reported
Enforcement Responsible Person:	Not Reported
Enforcement Responsible Sub-Organization:	Not Reported
SEP Sequence Number:	Not Reported
SEP Expenditure Amount:	Not Reported
SEP Scheduled Completion Date:	Not Reported
SEP Actual Date:	Not Reported
SEP Defaulted Date:	Not Reported
SEP Type:	Not Reported
SEP Type Description:	Not Reported
Proposed Amount:	Not Reported
Final Monetary Amount:	Not Reported
Paid Amount:	Not Reported
Final Count:	Not Reported
Final Amount:	Not Reported
Found Violation:	No
Agency Which Determined Violation:	Not Reported
Violation Short Description:	Not Reported
Date Violation was Determined:	Not Reported
Actual Return to Compliance Date:	Not Reported
Return to Compliance Qualifier:	Not Reported
Violation Responsible Agency:	Not Reported
Scheduled Compliance Date:	Not Reported
Enforcement Identifier:	Not Reported
Date of Enforcement Action:	Not Reported
Enforcement Responsible Agency:	Not Reported
Enforcement Docket Number:	Not Reported
Enforcement Attorney:	Not Reported
Corrective Action Component:	Not Reported
Appeal Initiated Date:	Not Reported
Appeal Resolution Date:	Not Reported
Disposition Status Date:	Not Reported
Disposition Status:	Not Reported
Disposition Status Description:	Not Reported
Consent/Final Order Sequence Number:	Not Reported

UNIV OF IL CHICAGO ENV SAFETY, 1110 S. PAULINA, CHICAGO, IL 60612 (Continued)

Consent/Final Order Respondent Name:	Not Reported
Consent/Final Order Lead Agency:	Not Reported
Enforcement Type:	Not Reported
Enforcement Responsible Person:	Not Reported
Enforcement Responsible Sub-Organization:	Not Reported
SEP Sequence Number:	Not Reported
SEP Expenditure Amount:	Not Reported
SEP Scheduled Completion Date:	Not Reported
SEP Actual Date:	Not Reported
SEP Defaulted Date:	Not Reported
SEP Type:	Not Reported
SEP Type Description:	Not Reported
Proposed Amount:	Not Reported
Final Monetary Amount:	Not Reported
Paid Amount:	Not Reported
Final Count:	Not Reported
Final Amount:	Not Reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD IS-General Facility Standards
Date Violation was Determined:	20090605
Actual Return to Compliance Date:	20091116
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not Reported
Enforcement Identifier:	001
Date of Enforcement Action:	20091001
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not Reported
Enforcement Attorney:	Not Reported
Corrective Action Component:	No
Appeal Initiated Date:	Not Reported
Appeal Resolution Date:	Not Reported
Disposition Status Date:	Not Reported
Disposition Status:	Not Reported
Disposition Status Description:	Not Reported
Consent/Final Order Sequence Number:	Not Reported
Consent/Final Order Respondent Name:	Not Reported
Consent/Final Order Lead Agency:	Not Reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	DMS
Enforcement Responsible Sub-Organization:	Not Reported
SEP Sequence Number:	Not Reported
SEP Expenditure Amount:	Not Reported
SEP Scheduled Completion Date:	Not Reported
SEP Actual Date:	Not Reported

UNIV OF IL CHICAGO ENV SAFETY, 1110 S. PAULINA, CHICAGO, IL 60612 (Continued)

SEP Defaulted Date:	Not Reported
SEP Type:	Not Reported
SEP Type Description:	Not Reported
Proposed Amount:	Not Reported
Final Monetary Amount:	Not Reported
Paid Amount:	Not Reported
Final Count:	Not Reported
Final Amount:	Not Reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD IS-General Facility Standards
Date Violation was Determined:	20090605
Actual Return to Compliance Date:	20091116
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not Reported
Enforcement Identifier:	001
Date of Enforcement Action:	20091001
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not Reported
Enforcement Attorney:	Not Reported
Corrective Action Component:	No
Appeal Initiated Date:	Not Reported
Appeal Resolution Date:	Not Reported
Disposition Status Date:	Not Reported
Disposition Status:	Not Reported
Disposition Status Description:	Not Reported
Consent/Final Order Sequence Number:	Not Reported
Consent/Final Order Respondent Name:	Not Reported
Consent/Final Order Lead Agency:	Not Reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	DMS
Enforcement Responsible Sub-Organization:	Not Reported
SEP Sequence Number:	Not Reported
SEP Expenditure Amount:	Not Reported
SEP Scheduled Completion Date:	Not Reported
SEP Actual Date:	Not Reported
SEP Defaulted Date:	Not Reported
SEP Type:	Not Reported
SEP Type Description:	Not Reported
Proposed Amount:	Not Reported
Final Monetary Amount:	Not Reported
Paid Amount:	Not Reported
Final Count:	Not Reported
Final Amount:	Not Reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA

UNIV OF IL CHICAGO ENV SAFETY, 1110 S. PAULINA, CHICAGO, IL 60612 (Continued)

Violation Short Description:	TSD IS-Preparedness and Prevention
Date Violation was Determined:	20090605
Actual Return to Compliance Date:	20091116
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not Reported
Enforcement Identifier:	001
Date of Enforcement Action:	20091001
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not Reported
Enforcement Attorney:	Not Reported
Corrective Action Component:	No
Appeal Initiated Date:	Not Reported
Appeal Resolution Date:	Not Reported
Disposition Status Date:	Not Reported
Disposition Status:	Not Reported
Disposition Status Description:	Not Reported
Consent/Final Order Sequence Number:	Not Reported
Consent/Final Order Respondent Name:	Not Reported
Consent/Final Order Lead Agency:	Not Reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	DMS
Enforcement Responsible Sub-Organization:	Not Reported
SEP Sequence Number:	Not Reported
SEP Expenditure Amount:	Not Reported
SEP Scheduled Completion Date:	Not Reported
SEP Actual Date:	Not Reported
SEP Defaulted Date:	Not Reported
SEP Type:	Not Reported
SEP Type Description:	Not Reported
Proposed Amount:	Not Reported
Final Monetary Amount:	Not Reported
Paid Amount:	Not Reported
Final Count:	Not Reported
Final Amount:	Not Reported

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	20090605
Actual Return to Compliance Date:	20091116
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not Reported
Enforcement Identifier:	001
Date of Enforcement Action:	20091001
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not Reported

UNIV OF IL CHICAGO ENV SAFETY, 1110 S. PAULINA, CHICAGO, IL 60612 (Continued)

Enforcement Attorney:	Not Reported
Corrective Action Component:	No
Appeal Initiated Date:	Not Reported
Appeal Resolution Date:	Not Reported
Disposition Status Date:	Not Reported
Disposition Status:	Not Reported
Disposition Status Description:	Not Reported
Consent/Final Order Sequence Number:	Not Reported
Consent/Final Order Respondent Name:	Not Reported
Consent/Final Order Lead Agency:	Not Reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	DMS
Enforcement Responsible Sub-Organization:	Not Reported
SEP Sequence Number:	Not Reported
SEP Expenditure Amount:	Not Reported
SEP Scheduled Completion Date:	Not Reported
SEP Actual Date:	Not Reported
SEP Defaulted Date:	Not Reported
SEP Type:	Not Reported
SEP Type Description:	Not Reported
Proposed Amount:	Not Reported
Final Monetary Amount:	Not Reported
Paid Amount:	Not Reported
Final Count:	Not Reported
Final Amount:	Not Reported

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD IS-Contingency Plan and Emergency Procedures
Date Violation was Determined:	20090605
Actual Return to Compliance Date:	20091116
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not Reported
Enforcement Identifier:	001
Date of Enforcement Action:	20091001
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not Reported
Enforcement Attorney:	Not Reported
Corrective Action Component:	No
Appeal Initiated Date:	Not Reported
Appeal Resolution Date:	Not Reported
Disposition Status Date:	Not Reported
Disposition Status:	Not Reported
Disposition Status Description:	Not Reported
Consent/Final Order Sequence Number:	Not Reported
Consent/Final Order Respondent Name:	Not Reported

UNIV OF IL CHICAGO ENV SAFETY, 1110 S. PAULINA, CHICAGO, IL 60612 (Continued)

Consent/Final Order Lead Agency:	Not Reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	DMS
Enforcement Responsible Sub-Organization:	Not Reported
SEP Sequence Number:	Not Reported
SEP Expenditure Amount:	Not Reported
SEP Scheduled Completion Date:	Not Reported
SEP Actual Date:	Not Reported
SEP Defaulted Date:	Not Reported
SEP Type:	Not Reported
SEP Type Description:	Not Reported
Proposed Amount:	Not Reported
Final Monetary Amount:	Not Reported
Paid Amount:	Not Reported
Final Count:	Not Reported
Final Amount:	Not Reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD IS-Contingency Plan and Emergency Procedures
Date Violation was Determined:	20090605
Actual Return to Compliance Date:	20091116
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not Reported
Enforcement Identifier:	001
Date of Enforcement Action:	20091001
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not Reported
Enforcement Attorney:	Not Reported
Corrective Action Component:	No
Appeal Initiated Date:	Not Reported
Appeal Resolution Date:	Not Reported
Disposition Status Date:	Not Reported
Disposition Status:	Not Reported
Disposition Status Description:	Not Reported
Consent/Final Order Sequence Number:	Not Reported
Consent/Final Order Respondent Name:	Not Reported
Consent/Final Order Lead Agency:	Not Reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	DMS
Enforcement Responsible Sub-Organization:	Not Reported
SEP Sequence Number:	Not Reported
SEP Expenditure Amount:	Not Reported
SEP Scheduled Completion Date:	Not Reported
SEP Actual Date:	Not Reported
SEP Defaulted Date:	Not Reported
SEP Type:	Not Reported

UNIV OF IL CHICAGO ENV SAFETY, 1110 S. PAULINA, CHICAGO, IL 60612 (Continued)

SEP Type Description:	Not Reported
Proposed Amount:	Not Reported
Final Monetary Amount:	Not Reported
Paid Amount:	Not Reported
Final Count:	Not Reported
Final Amount:	Not Reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	Generators - General
Date Violation was Determined:	20030902
Actual Return to Compliance Date:	20050105
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not Reported
Enforcement Identifier:	001
Date of Enforcement Action:	20041021
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not Reported
Enforcement Attorney:	Not Reported
Corrective Action Component:	No
Appeal Initiated Date:	Not Reported
Appeal Resolution Date:	Not Reported
Disposition Status Date:	Not Reported
Disposition Status:	Not Reported
Disposition Status Description:	Not Reported
Consent/Final Order Sequence Number:	Not Reported
Consent/Final Order Respondent Name:	Not Reported
Consent/Final Order Lead Agency:	Not Reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	RDS
Enforcement Responsible Sub-Organization:	Not Reported
SEP Sequence Number:	Not Reported
SEP Expenditure Amount:	Not Reported
SEP Scheduled Completion Date:	Not Reported
SEP Actual Date:	Not Reported
SEP Defaulted Date:	Not Reported
SEP Type:	Not Reported
SEP Type Description:	Not Reported
Proposed Amount:	Not Reported
Final Monetary Amount:	Not Reported
Paid Amount:	Not Reported
Final Count:	Not Reported
Final Amount:	Not Reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	Generators - General
Date Violation was Determined:	20030902

UNIV OF IL CHICAGO ENV SAFETY, 1110 S. PAULINA, CHICAGO, IL 60612 (Continued)

Actual Return to Compliance Date:	20050105
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not Reported
Enforcement Identifier:	001
Date of Enforcement Action:	20041021
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not Reported
Enforcement Attorney:	Not Reported
Corrective Action Component:	No
Appeal Initiated Date:	Not Reported
Appeal Resolution Date:	Not Reported
Disposition Status Date:	Not Reported
Disposition Status:	Not Reported
Disposition Status Description:	Not Reported
Consent/Final Order Sequence Number:	Not Reported
Consent/Final Order Respondent Name:	Not Reported
Consent/Final Order Lead Agency:	Not Reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	RDS
Enforcement Responsible Sub-Organization:	Not Reported
SEP Sequence Number:	Not Reported
SEP Expenditure Amount:	Not Reported
SEP Scheduled Completion Date:	Not Reported
SEP Actual Date:	Not Reported
SEP Defaulted Date:	Not Reported
SEP Type:	Not Reported
SEP Type Description:	Not Reported
Proposed Amount:	Not Reported
Final Monetary Amount:	Not Reported
Paid Amount:	Not Reported
Final Count:	Not Reported
Final Amount:	Not Reported

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	Generators - General
Date Violation was Determined:	20030902
Actual Return to Compliance Date:	20050105
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not Reported
Enforcement Identifier:	001
Date of Enforcement Action:	20041021
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not Reported
Enforcement Attorney:	Not Reported
Corrective Action Component:	No

UNIV OF IL CHICAGO ENV SAFETY, 1110 S. PAULINA, CHICAGO, IL 60612 (Continued)

Appeal Initiated Date:	Not Reported
Appeal Resolution Date:	Not Reported
Disposition Status Date:	Not Reported
Disposition Status:	Not Reported
Disposition Status Description:	Not Reported
Consent/Final Order Sequence Number:	Not Reported
Consent/Final Order Respondent Name:	Not Reported
Consent/Final Order Lead Agency:	Not Reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	RDS
Enforcement Responsible Sub-Organization:	Not Reported
SEP Sequence Number:	Not Reported
SEP Expenditure Amount:	Not Reported
SEP Scheduled Completion Date:	Not Reported
SEP Actual Date:	Not Reported
SEP Defaulted Date:	Not Reported
SEP Type:	Not Reported
SEP Type Description:	Not Reported
Proposed Amount:	Not Reported
Final Monetary Amount:	Not Reported
Paid Amount:	Not Reported
Final Count:	Not Reported
Final Amount:	Not Reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	Generators - General
Date Violation was Determined:	20010305
Actual Return to Compliance Date:	20040930
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not Reported
Enforcement Identifier:	001
Date of Enforcement Action:	20040930
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not Reported
Enforcement Attorney:	Not Reported
Corrective Action Component:	No
Appeal Initiated Date:	Not Reported
Appeal Resolution Date:	Not Reported
Disposition Status Date:	Not Reported
Disposition Status:	Not Reported
Disposition Status Description:	Not Reported
Consent/Final Order Sequence Number:	Not Reported
Consent/Final Order Respondent Name:	Not Reported
Consent/Final Order Lead Agency:	Not Reported
Enforcement Type:	WRITTEN INFORMAL

UNIV OF IL CHICAGO ENV SAFETY, 1110 S. PAULINA, CHICAGO, IL 60612 (Continued)

Enforcement Responsible Person:	DFC
Enforcement Responsible Sub-Organization:	Not Reported
SEP Sequence Number:	Not Reported
SEP Expenditure Amount:	Not Reported
SEP Scheduled Completion Date:	Not Reported
SEP Actual Date:	Not Reported
SEP Defaulted Date:	Not Reported
SEP Type:	Not Reported
SEP Type Description:	Not Reported
Proposed Amount:	Not Reported
Final Monetary Amount:	Not Reported
Paid Amount:	Not Reported
Final Count:	Not Reported
Final Amount:	Not Reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	Generators - General
Date Violation was Determined:	20010305
Actual Return to Compliance Date:	20040930
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not Reported
Enforcement Identifier:	001
Date of Enforcement Action:	20040930
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not Reported
Enforcement Attorney:	Not Reported
Corrective Action Component:	No
Appeal Initiated Date:	Not Reported
Appeal Resolution Date:	Not Reported
Disposition Status Date:	Not Reported
Disposition Status:	Not Reported
Disposition Status Description:	Not Reported
Consent/Final Order Sequence Number:	Not Reported
Consent/Final Order Respondent Name:	Not Reported
Consent/Final Order Lead Agency:	Not Reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	DFC
Enforcement Responsible Sub-Organization:	Not Reported
SEP Sequence Number:	Not Reported
SEP Expenditure Amount:	Not Reported
SEP Scheduled Completion Date:	Not Reported
SEP Actual Date:	Not Reported
SEP Defaulted Date:	Not Reported
SEP Type:	Not Reported
SEP Type Description:	Not Reported
Proposed Amount:	Not Reported

UNIV OF IL CHICAGO ENV SAFETY, 1110 S. PAULINA, CHICAGO, IL 60612 (Continued)

Final Monetary Amount:	Not Reported
Paid Amount:	Not Reported
Final Count:	Not Reported
Final Amount:	Not Reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	Generators - General
Date Violation was Determined:	20010305
Actual Return to Compliance Date:	20040930
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not Reported
Enforcement Identifier:	001
Date of Enforcement Action:	20040930
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not Reported
Enforcement Attorney:	Not Reported
Corrective Action Component:	No
Appeal Initiated Date:	Not Reported
Appeal Resolution Date:	Not Reported
Disposition Status Date:	Not Reported
Disposition Status:	Not Reported
Disposition Status Description:	Not Reported
Consent/Final Order Sequence Number:	Not Reported
Consent/Final Order Respondent Name:	Not Reported
Consent/Final Order Lead Agency:	Not Reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	DFC
Enforcement Responsible Sub-Organization:	Not Reported
SEP Sequence Number:	Not Reported
SEP Expenditure Amount:	Not Reported
SEP Scheduled Completion Date:	Not Reported
SEP Actual Date:	Not Reported
SEP Defaulted Date:	Not Reported
SEP Type:	Not Reported
SEP Type Description:	Not Reported
Proposed Amount:	Not Reported
Final Monetary Amount:	Not Reported
Paid Amount:	Not Reported
Final Count:	Not Reported
Final Amount:	Not Reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	Generators - General
Date Violation was Determined:	20010305
Actual Return to Compliance Date:	20040930
Return to Compliance Qualifier:	Documented

UNIV OF IL CHICAGO ENV SAFETY, 1110 S. PAULINA, CHICAGO, IL 60612 (Continued)

Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not Reported
Enforcement Identifier:	001
Date of Enforcement Action:	20040930
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not Reported
Enforcement Attorney:	Not Reported
Corrective Action Component:	No
Appeal Initiated Date:	Not Reported
Appeal Resolution Date:	Not Reported
Disposition Status Date:	Not Reported
Disposition Status:	Not Reported
Disposition Status Description:	Not Reported
Consent/Final Order Sequence Number:	Not Reported
Consent/Final Order Respondent Name:	Not Reported
Consent/Final Order Lead Agency:	Not Reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	DFC
Enforcement Responsible Sub-Organization:	Not Reported
SEP Sequence Number:	Not Reported
SEP Expenditure Amount:	Not Reported
SEP Scheduled Completion Date:	Not Reported
SEP Actual Date:	Not Reported
SEP Defaulted Date:	Not Reported
SEP Type:	Not Reported
SEP Type Description:	Not Reported
Proposed Amount:	Not Reported
Final Monetary Amount:	Not Reported
Paid Amount:	Not Reported
Final Count:	Not Reported
Final Amount:	Not Reported

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	Generators - General
Date Violation was Determined:	20010305
Actual Return to Compliance Date:	20040930
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not Reported
Enforcement Identifier:	001
Date of Enforcement Action:	20040930
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not Reported
Enforcement Attorney:	Not Reported
Corrective Action Component:	No
Appeal Initiated Date:	Not Reported
Appeal Resolution Date:	Not Reported

UNIV OF IL CHICAGO ENV SAFETY, 1110 S. PAULINA, CHICAGO, IL 60612 (Continued)

Disposition Status Date:	Not Reported
Disposition Status:	Not Reported
Disposition Status Description:	Not Reported
Consent/Final Order Sequence Number:	Not Reported
Consent/Final Order Respondent Name:	Not Reported
Consent/Final Order Lead Agency:	Not Reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	DFC
Enforcement Responsible Sub-Organization:	Not Reported
SEP Sequence Number:	Not Reported
SEP Expenditure Amount:	Not Reported
SEP Scheduled Completion Date:	Not Reported
SEP Actual Date:	Not Reported
SEP Defaulted Date:	Not Reported
SEP Type:	Not Reported
SEP Type Description:	Not Reported
Proposed Amount:	Not Reported
Final Monetary Amount:	Not Reported
Paid Amount:	Not Reported
Final Count:	Not Reported
Final Amount:	Not Reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	Generators - General
Date Violation was Determined:	20010305
Actual Return to Compliance Date:	20040930
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not Reported
Enforcement Identifier:	001
Date of Enforcement Action:	20040930
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not Reported
Enforcement Attorney:	Not Reported
Corrective Action Component:	No
Appeal Initiated Date:	Not Reported
Appeal Resolution Date:	Not Reported
Disposition Status Date:	Not Reported
Disposition Status:	Not Reported
Disposition Status Description:	Not Reported
Consent/Final Order Sequence Number:	Not Reported
Consent/Final Order Respondent Name:	Not Reported
Consent/Final Order Lead Agency:	Not Reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	DFC

UNIV OF IL CHICAGO ENV SAFETY, 1110 S. PAULINA, CHICAGO, IL 60612 (Continued)

Enforcement Responsible Sub-Organization:	Not Reported
SEP Sequence Number:	Not Reported
SEP Expenditure Amount:	Not Reported
SEP Scheduled Completion Date:	Not Reported
SEP Actual Date:	Not Reported
SEP Defaulted Date:	Not Reported
SEP Type:	Not Reported
SEP Type Description:	Not Reported
Proposed Amount:	Not Reported
Final Monetary Amount:	Not Reported
Paid Amount:	Not Reported
Final Count:	Not Reported
Final Amount:	Not Reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	Generators - General
Date Violation was Determined:	20010305
Actual Return to Compliance Date:	20040930
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not Reported
Enforcement Identifier:	001
Date of Enforcement Action:	20040930
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not Reported
Enforcement Attorney:	Not Reported
Corrective Action Component:	No
Appeal Initiated Date:	Not Reported
Appeal Resolution Date:	Not Reported
Disposition Status Date:	Not Reported
Disposition Status:	Not Reported
Disposition Status Description:	Not Reported
Consent/Final Order Sequence Number:	Not Reported
Consent/Final Order Respondent Name:	Not Reported
Consent/Final Order Lead Agency:	Not Reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	DFC
Enforcement Responsible Sub-Organization:	Not Reported
SEP Sequence Number:	Not Reported
SEP Expenditure Amount:	Not Reported
SEP Scheduled Completion Date:	Not Reported
SEP Actual Date:	Not Reported
SEP Defaulted Date:	Not Reported
SEP Type:	Not Reported
SEP Type Description:	Not Reported
Proposed Amount:	Not Reported
Final Monetary Amount:	Not Reported

UNIV OF IL CHICAGO ENV SAFETY, 1110 S. PAULINA, CHICAGO, IL 60612 (Continued)

Paid Amount:	Not Reported
Final Count:	Not Reported
Final Amount:	Not Reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	Generators - General
Date Violation was Determined:	20010305
Actual Return to Compliance Date:	20040930
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not Reported
Enforcement Identifier:	001
Date of Enforcement Action:	20040930
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not Reported
Enforcement Attorney:	Not Reported
Corrective Action Component:	No
Appeal Initiated Date:	Not Reported
Appeal Resolution Date:	Not Reported
Disposition Status Date:	Not Reported
Disposition Status:	Not Reported
Disposition Status Description:	Not Reported
Consent/Final Order Sequence Number:	Not Reported
Consent/Final Order Respondent Name:	Not Reported
Consent/Final Order Lead Agency:	Not Reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	DFC
Enforcement Responsible Sub-Organization:	Not Reported
SEP Sequence Number:	Not Reported
SEP Expenditure Amount:	Not Reported
SEP Scheduled Completion Date:	Not Reported
SEP Actual Date:	Not Reported
SEP Defaulted Date:	Not Reported
SEP Type:	Not Reported
SEP Type Description:	Not Reported
Proposed Amount:	Not Reported
Final Monetary Amount:	Not Reported
Paid Amount:	Not Reported
Final Count:	Not Reported
Final Amount:	Not Reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	Generators - General
Date Violation was Determined:	20010305
Actual Return to Compliance Date:	20040930
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	EPA

UNIV OF IL CHICAGO ENV SAFETY, 1110 S. PAULINA, CHICAGO, IL 60612 (Continued)

Scheduled Compliance Date:	Not Reported
Enforcement Identifier:	001
Date of Enforcement Action:	20040930
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not Reported
Enforcement Attorney:	Not Reported
Corrective Action Component:	No
Appeal Initiated Date:	Not Reported
Appeal Resolution Date:	Not Reported
Disposition Status Date:	Not Reported
Disposition Status:	Not Reported
Disposition Status Description:	Not Reported
Consent/Final Order Sequence Number:	Not Reported
Consent/Final Order Respondent Name:	Not Reported
Consent/Final Order Lead Agency:	Not Reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	DFC
Enforcement Responsible Sub-Organization:	Not Reported
SEP Sequence Number:	Not Reported
SEP Expenditure Amount:	Not Reported
SEP Scheduled Completion Date:	Not Reported
SEP Actual Date:	Not Reported
SEP Defaulted Date:	Not Reported
SEP Type:	Not Reported
SEP Type Description:	Not Reported
Proposed Amount:	Not Reported
Final Monetary Amount:	Not Reported
Paid Amount:	Not Reported
Final Count:	Not Reported
Final Amount:	Not Reported

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	Generators - General
Date Violation was Determined:	20010305
Actual Return to Compliance Date:	20040930
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not Reported
Enforcement Identifier:	001
Date of Enforcement Action:	20040930
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not Reported
Enforcement Attorney:	Not Reported
Corrective Action Component:	No
Appeal Initiated Date:	Not Reported
Appeal Resolution Date:	Not Reported
Disposition Status Date:	Not Reported

UNIV OF IL CHICAGO ENV SAFETY, 1110 S. PAULINA, CHICAGO, IL 60612 (Continued)

Disposition Status:	Not Reported
Disposition Status Description:	Not Reported
Consent/Final Order Sequence Number:	Not Reported
Consent/Final Order Respondent Name:	Not Reported
Consent/Final Order Lead Agency:	Not Reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	DFC
Enforcement Responsible Sub-Organization:	Not Reported
SEP Sequence Number:	Not Reported
SEP Expenditure Amount:	Not Reported
SEP Scheduled Completion Date:	Not Reported
SEP Actual Date:	Not Reported
SEP Defaulted Date:	Not Reported
SEP Type:	Not Reported
SEP Type Description:	Not Reported
Proposed Amount:	Not Reported
Final Monetary Amount:	Not Reported
Paid Amount:	Not Reported
Final Count:	Not Reported
Final Amount:	Not Reported

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	Generators - General
Date Violation was Determined:	20010305
Actual Return to Compliance Date:	20040930
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not Reported
Enforcement Identifier:	001
Date of Enforcement Action:	20040930
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not Reported
Enforcement Attorney:	Not Reported
Corrective Action Component:	No
Appeal Initiated Date:	Not Reported
Appeal Resolution Date:	Not Reported
Disposition Status Date:	Not Reported
Disposition Status:	Not Reported
Disposition Status Description:	Not Reported
Consent/Final Order Sequence Number:	Not Reported
Consent/Final Order Respondent Name:	Not Reported
Consent/Final Order Lead Agency:	Not Reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	DFC
Enforcement Responsible Sub-Organization:	Not Reported

UNIV OF IL CHICAGO ENV SAFETY, 1110 S. PAULINA, CHICAGO, IL 60612 (Continued)

SEP Sequence Number:	Not Reported
SEP Expenditure Amount:	Not Reported
SEP Scheduled Completion Date:	Not Reported
SEP Actual Date:	Not Reported
SEP Defaulted Date:	Not Reported
SEP Type:	Not Reported
SEP Type Description:	Not Reported
Proposed Amount:	Not Reported
Final Monetary Amount:	Not Reported
Paid Amount:	Not Reported
Final Count:	Not Reported
Final Amount:	Not Reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	Generators - General
Date Violation was Determined:	20010305
Actual Return to Compliance Date:	20040930
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not Reported
Enforcement Identifier:	001
Date of Enforcement Action:	20040930
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not Reported
Enforcement Attorney:	Not Reported
Corrective Action Component:	No
Appeal Initiated Date:	Not Reported
Appeal Resolution Date:	Not Reported
Disposition Status Date:	Not Reported
Disposition Status:	Not Reported
Disposition Status Description:	Not Reported
Consent/Final Order Sequence Number:	Not Reported
Consent/Final Order Respondent Name:	Not Reported
Consent/Final Order Lead Agency:	Not Reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	DFC
Enforcement Responsible Sub-Organization:	Not Reported
SEP Sequence Number:	Not Reported
SEP Expenditure Amount:	Not Reported
SEP Scheduled Completion Date:	Not Reported
SEP Actual Date:	Not Reported
SEP Defaulted Date:	Not Reported
SEP Type:	Not Reported
SEP Type Description:	Not Reported
Proposed Amount:	Not Reported
Final Monetary Amount:	Not Reported
Paid Amount:	Not Reported

UNIV OF IL CHICAGO ENV SAFETY, 1110 S. PAULINA, CHICAGO, IL 60612 (Continued)

Final Count:	Not Reported
Final Amount:	Not Reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	Generators - General
Date Violation was Determined:	20010305
Actual Return to Compliance Date:	20040930
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not Reported
Enforcement Identifier:	001
Date of Enforcement Action:	20040930
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not Reported
Enforcement Attorney:	Not Reported
Corrective Action Component:	No
Appeal Initiated Date:	Not Reported
Appeal Resolution Date:	Not Reported
Disposition Status Date:	Not Reported
Disposition Status:	Not Reported
Disposition Status Description:	Not Reported
Consent/Final Order Sequence Number:	Not Reported
Consent/Final Order Respondent Name:	Not Reported
Consent/Final Order Lead Agency:	Not Reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	DFC
Enforcement Responsible Sub-Organization:	Not Reported
SEP Sequence Number:	Not Reported
SEP Expenditure Amount:	Not Reported
SEP Scheduled Completion Date:	Not Reported
SEP Actual Date:	Not Reported
SEP Defaulted Date:	Not Reported
SEP Type:	Not Reported
SEP Type Description:	Not Reported
Proposed Amount:	Not Reported
Final Monetary Amount:	Not Reported
Paid Amount:	Not Reported
Final Count:	Not Reported
Final Amount:	Not Reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	Generators - General
Date Violation was Determined:	20010305
Actual Return to Compliance Date:	20040930
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not Reported

UNIV OF IL CHICAGO ENV SAFETY, 1110 S. PAULINA, CHICAGO, IL 60612 (Continued)

Enforcement Identifier:	001
Date of Enforcement Action:	20040930
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not Reported
Enforcement Attorney:	Not Reported
Corrective Action Component:	No
Appeal Initiated Date:	Not Reported
Appeal Resolution Date:	Not Reported
Disposition Status Date:	Not Reported
Disposition Status:	Not Reported
Disposition Status Description:	Not Reported
Consent/Final Order Sequence Number:	Not Reported
Consent/Final Order Respondent Name:	Not Reported
Consent/Final Order Lead Agency:	Not Reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	DFC
Enforcement Responsible Sub-Organization:	Not Reported
SEP Sequence Number:	Not Reported
SEP Expenditure Amount:	Not Reported
SEP Scheduled Completion Date:	Not Reported
SEP Actual Date:	Not Reported
SEP Defaulted Date:	Not Reported
SEP Type:	Not Reported
SEP Type Description:	Not Reported
Proposed Amount:	Not Reported
Final Monetary Amount:	Not Reported
Paid Amount:	Not Reported
Final Count:	Not Reported
Final Amount:	Not Reported

Evaluation Action Summary:

Evaluation Date:	20240424
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	RK
Evaluation Responsible Sub-Organization:	F2
Actual Return to Compliance Date:	Not Reported
Scheduled Compliance Date:	Not Reported
Date of Request:	Not Reported
Date Response Received:	Not Reported
Request Agency:	Not Reported
Former Citation:	Not Reported

Evaluation Date:	20150721
Evaluation Responsible Agency:	State
Found Violation:	No

UNIV OF IL CHICAGO ENV SAFETY, 1110 S. PAULINA, CHICAGO, IL 60612 (Continued)

Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	JXH
Evaluation Responsible Sub-Organization:	F2
Actual Return to Compliance Date:	Not Reported
Scheduled Compliance Date:	Not Reported
Date of Request:	Not Reported
Date Response Received:	Not Reported
Request Agency:	Not Reported
Former Citation:	Not Reported
Evaluation Date:	20090605
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	DMS
Evaluation Responsible Sub-Organization:	Not Reported
Actual Return to Compliance Date:	20091116
Scheduled Compliance Date:	Not Reported
Date of Request:	Not Reported
Date Response Received:	Not Reported
Request Agency:	Not Reported
Former Citation:	Not Reported
Evaluation Date:	20090605
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	DMS
Evaluation Responsible Sub-Organization:	Not Reported
Actual Return to Compliance Date:	20091116
Scheduled Compliance Date:	Not Reported
Date of Request:	Not Reported
Date Response Received:	Not Reported
Request Agency:	Not Reported
Former Citation:	Not Reported
Evaluation Date:	20090605
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	DMS
Evaluation Responsible Sub-Organization:	Not Reported
Actual Return to Compliance Date:	20091116
Scheduled Compliance Date:	Not Reported
Date of Request:	Not Reported
Date Response Received:	Not Reported

UNIV OF IL CHICAGO ENV SAFETY, 1110 S. PAULINA, CHICAGO, IL 60612 (Continued)

Request Agency:	Not Reported
Former Citation:	Not Reported
Evaluation Date:	20090605
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	DMS
Evaluation Responsible Sub-Organization:	Not Reported
Actual Return to Compliance Date:	20091116
Scheduled Compliance Date:	Not Reported
Date of Request:	Not Reported
Date Response Received:	Not Reported
Request Agency:	Not Reported
Former Citation:	Not Reported
Evaluation Date:	20090605
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	DMS
Evaluation Responsible Sub-Organization:	Not Reported
Actual Return to Compliance Date:	20091116
Scheduled Compliance Date:	Not Reported
Date of Request:	Not Reported
Date Response Received:	Not Reported
Request Agency:	Not Reported
Former Citation:	Not Reported
Evaluation Date:	20090605
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	DMS
Evaluation Responsible Sub-Organization:	Not Reported
Actual Return to Compliance Date:	20091116
Scheduled Compliance Date:	Not Reported
Date of Request:	Not Reported
Date Response Received:	Not Reported
Request Agency:	Not Reported
Former Citation:	Not Reported
Evaluation Date:	20030902
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	RDS

UNIV OF IL CHICAGO ENV SAFETY, 1110 S. PAULINA, CHICAGO, IL 60612 (Continued)

Evaluation Responsible Sub-Organization:	Not Reported
Actual Return to Compliance Date:	20050105
Scheduled Compliance Date:	Not Reported
Date of Request:	Not Reported
Date Response Received:	Not Reported
Request Agency:	Not Reported
Former Citation:	Not Reported
Evaluation Date:	20030902
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	RDS
Evaluation Responsible Sub-Organization:	Not Reported
Actual Return to Compliance Date:	20050105
Scheduled Compliance Date:	Not Reported
Date of Request:	Not Reported
Date Response Received:	Not Reported
Request Agency:	Not Reported
Former Citation:	Not Reported
Evaluation Date:	20030902
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	RDS
Evaluation Responsible Sub-Organization:	Not Reported
Actual Return to Compliance Date:	20050105
Scheduled Compliance Date:	Not Reported
Date of Request:	Not Reported
Date Response Received:	Not Reported
Request Agency:	Not Reported
Former Citation:	Not Reported
Evaluation Date:	20010305
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	DFC
Evaluation Responsible Sub-Organization:	Not Reported
Actual Return to Compliance Date:	20040930
Scheduled Compliance Date:	Not Reported
Date of Request:	Not Reported
Date Response Received:	Not Reported
Request Agency:	Not Reported
Former Citation:	Not Reported

UNIV OF IL CHICAGO ENV SAFETY, 1110 S. PAULINA, CHICAGO, IL 60612 (Continued)

Evaluation Date:	20010305
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	DFC
Evaluation Responsible Sub-Organization:	Not Reported
Actual Return to Compliance Date:	20040930
Scheduled Compliance Date:	Not Reported
Date of Request:	Not Reported
Date Response Received:	Not Reported
Request Agency:	Not Reported
Former Citation:	Not Reported

Evaluation Date:	20010305
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	DFC
Evaluation Responsible Sub-Organization:	Not Reported
Actual Return to Compliance Date:	20040930
Scheduled Compliance Date:	Not Reported
Date of Request:	Not Reported
Date Response Received:	Not Reported
Request Agency:	Not Reported
Former Citation:	Not Reported

Evaluation Date:	20010305
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	DFC
Evaluation Responsible Sub-Organization:	Not Reported
Actual Return to Compliance Date:	20040930
Scheduled Compliance Date:	Not Reported
Date of Request:	Not Reported
Date Response Received:	Not Reported
Request Agency:	Not Reported
Former Citation:	Not Reported

Evaluation Date:	20010305
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	DFC
Evaluation Responsible Sub-Organization:	Not Reported
Actual Return to Compliance Date:	20040930

UNIV OF IL CHICAGO ENV SAFETY, 1110 S. PAULINA, CHICAGO, IL 60612 (Continued)

Scheduled Compliance Date:	Not Reported
Date of Request:	Not Reported
Date Response Received:	Not Reported
Request Agency:	Not Reported
Former Citation:	Not Reported
Evaluation Date:	20010305
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	DFC
Evaluation Responsible Sub-Organization:	Not Reported
Actual Return to Compliance Date:	20040930
Scheduled Compliance Date:	Not Reported
Date of Request:	Not Reported
Date Response Received:	Not Reported
Request Agency:	Not Reported
Former Citation:	Not Reported
Evaluation Date:	20010305
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	DFC
Evaluation Responsible Sub-Organization:	Not Reported
Actual Return to Compliance Date:	20040930
Scheduled Compliance Date:	Not Reported
Date of Request:	Not Reported
Date Response Received:	Not Reported
Request Agency:	Not Reported
Former Citation:	Not Reported
Evaluation Date:	20010305
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	DFC
Evaluation Responsible Sub-Organization:	Not Reported
Actual Return to Compliance Date:	20040930
Scheduled Compliance Date:	Not Reported
Date of Request:	Not Reported
Date Response Received:	Not Reported
Request Agency:	Not Reported
Former Citation:	Not Reported
Evaluation Date:	20010305
Evaluation Responsible Agency:	EPA
Found Violation:	Yes

UNIV OF IL CHICAGO ENV SAFETY, 1110 S. PAULINA, CHICAGO, IL 60612 (Continued)

Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	DFC
Evaluation Responsible Sub-Organization:	Not Reported
Actual Return to Compliance Date:	20040930
Scheduled Compliance Date:	Not Reported
Date of Request:	Not Reported
Date Response Received:	Not Reported
Request Agency:	Not Reported
Former Citation:	Not Reported
Evaluation Date:	20010305
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	DFC
Evaluation Responsible Sub-Organization:	Not Reported
Actual Return to Compliance Date:	20040930
Scheduled Compliance Date:	Not Reported
Date of Request:	Not Reported
Date Response Received:	Not Reported
Request Agency:	Not Reported
Former Citation:	Not Reported
Evaluation Date:	20010305
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	DFC
Evaluation Responsible Sub-Organization:	Not Reported
Actual Return to Compliance Date:	20040930
Scheduled Compliance Date:	Not Reported
Date of Request:	Not Reported
Date Response Received:	Not Reported
Request Agency:	Not Reported
Former Citation:	Not Reported
Evaluation Date:	20010305
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	DFC
Evaluation Responsible Sub-Organization:	Not Reported
Actual Return to Compliance Date:	20040930
Scheduled Compliance Date:	Not Reported
Date of Request:	Not Reported
Date Response Received:	Not Reported

UNIV OF IL CHICAGO ENV SAFETY, 1110 S. PAULINA, CHICAGO, IL 60612 (Continued)

Request Agency:	Not Reported
Former Citation:	Not Reported
Evaluation Date:	20010305
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	DFC
Evaluation Responsible Sub-Organization:	Not Reported
Actual Return to Compliance Date:	20040930
Scheduled Compliance Date:	Not Reported
Date of Request:	Not Reported
Date Response Received:	Not Reported
Request Agency:	Not Reported
Former Citation:	Not Reported
Evaluation Date:	20010305
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	DFC
Evaluation Responsible Sub-Organization:	Not Reported
Actual Return to Compliance Date:	20040930
Scheduled Compliance Date:	Not Reported
Date of Request:	Not Reported
Date Response Received:	Not Reported
Request Agency:	Not Reported
Former Citation:	Not Reported

E MANIFEST: Other Ascertainable Records

Manifest Tracking Number:	018980512JJK

UNIV OF IL CHICAGO ENV SAFETY, 1110 S. PAULINA, CHICAGO, IL 60612 (Continued)

Last Updated Date:	20181220
Shipped Date:	20181113
Received Date:	20181113
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	Uic Health & Safety Section Mc 645
Generator Location Street Number:	1110
Generator Location Street 1:	1110 1110 SOUTH PAULINA
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	1110
Generator Mail Street 1:	1110 South Paulina
Generator Mail Street 2:	Not Reported
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	IND000646943
Designated Facility Name:	Tradebe Treatment & Recycling Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	4343 KENNEDY AVE
Designated Facility Mail City:	EAST CHICAGO
Designated Facility Mail Zip:	46312
Designated Facility Mail State:	IN
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	4343 KENNEDY AVE
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	EAST CHICAGO
Designated Facility Location Zip:	46312
Designated Facility Location State:	IN
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	018980505JJK
Last Updated Date:	20190406
Shipped Date:	20190124
Received Date:	20190124
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	Uic Health & Safety Section Mc 645

UNIV OF IL CHICAGO ENV SAFETY, 1110 S. PAULINA, CHICAGO, IL 60612 (Continued)

Generator Location Street Number:	1110
Generator Location Street 1:	1110 1110 SOUTH PAULINA
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	1110
Generator Mail Street 1:	1110 South Paulina
Generator Mail Street 2:	Not Reported
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	IND000646943
Designated Facility Name:	Tradebe Treatment & Recycling Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	4343 KENNEDY AVE
Designated Facility Mail City:	EAST CHICAGO
Designated Facility Mail Zip:	46312
Designated Facility Mail State:	IN
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	4343 KENNEDY AVE
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	EAST CHICAGO
Designated Facility Location Zip:	46312
Designated Facility Location State:	IN
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	018980513JJK
Last Updated Date:	20190406
Shipped Date:	20181113
Received Date:	20181113
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	Uic Health & Safety Section Mc 645
Generator Location Street Number:	1110
Generator Location Street 1:	1110 1110 SOUTH PAULINA
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	1110
Generator Mail Street 1:	1110 South Paulina

UNIV OF IL CHICAGO ENV SAFETY, 1110 S. PAULINA, CHICAGO, IL 60612 (Continued)

Generator Mail Street 2:	Not Reported
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	IND000646943
Designated Facility Name:	Tradebe Treatment & Recycling Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	4343 KENNEDY AVE
Designated Facility Mail City:	EAST CHICAGO
Designated Facility Mail Zip:	46312
Designated Facility Mail State:	IN
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	4343 KENNEDY AVE
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	EAST CHICAGO
Designated Facility Location Zip:	46312
Designated Facility Location State:	IN
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	026863626JJK
Last Updated Date:	20250113
Shipped Date:	20241217
Received Date:	20241223
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	Uic Health & Safety Section Mc 645
Generator Location Street Number:	1110
Generator Location Street 1:	1110 1110 SOUTH PAULINA
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	1110
Generator Mail Street 1:	1110 SOUTH PAULINA
Generator Mail Street 2:	Not Reported
Generator Mail City:	CHICAGO
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	IND000646943
Designated Facility Name:	Tradebe Treatment And Recycling Llc
Designated Facility Mail Street Number:	Not Reported

UNIV OF IL CHICAGO ENV SAFETY, 1110 S. PAULINA, CHICAGO, IL 60612 (Continued)

Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	4343 KENNEDY AVE
Designated Facility Mail City:	EAST CHICAGO
Designated Facility Mail Zip:	46312
Designated Facility Mail State:	IN
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	4343 KENNEDY AVENUE
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	EAST CHICAGO
Designated Facility Location Zip:	46312
Designated Facility Location State:	IN
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	026863639JJK
Last Updated Date:	20250113
Shipped Date:	20241217
Received Date:	20241223
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	Uic Health & Safety Section Mc 645
Generator Location Street Number:	1110
Generator Location Street 1:	1110 1110 SOUTH PAULINA
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	1110
Generator Mail Street 1:	1110 SOUTH PAULINA
Generator Mail Street 2:	Not Reported
Generator Mail City:	CHICAGO
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	IND000646943
Designated Facility Name:	Tradebe Treatment And Recycling Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	4343 KENNEDY AVE
Designated Facility Mail City:	EAST CHICAGO
Designated Facility Mail Zip:	46312
Designated Facility Mail State:	IN
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	4343 KENNEDY AVENUE
Designated Facility Location Street 2:	Not Reported

UNIV OF IL CHICAGO ENV SAFETY, 1110 S. PAULINA, CHICAGO, IL 60612 (Continued)

Designated Facility Location City:	EAST CHICAGO
Designated Facility Location Zip:	46312
Designated Facility Location State:	IN
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	026863939JJK
Last Updated Date:	20250312
Shipped Date:	20250211
Received Date:	20250224
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	Uic Health & Safety Section Mc 645
Generator Location Street Number:	1110
Generator Location Street 1:	1110 1110 SOUTH PAULINA
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	1110
Generator Mail Street 1:	1110 SOUTH PAULINA
Generator Mail Street 2:	Not Reported
Generator Mail City:	CHICAGO
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	IND000646943
Designated Facility Name:	Tradebe Treatment And Recycling Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	4343 KENNEDY AVE
Designated Facility Mail City:	EAST CHICAGO
Designated Facility Mail Zip:	46312
Designated Facility Mail State:	IN
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	4343 KENNEDY AVENUE
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	EAST CHICAGO
Designated Facility Location Zip:	46312
Designated Facility Location State:	IN
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	025057563JJK

UNIV OF IL CHICAGO ENV SAFETY, 1110 S. PAULINA, CHICAGO, IL 60612 (Continued)

Last Updated Date:	20240626
Shipped Date:	20240604
Received Date:	20240610
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	Uic Health & Safety Section Mc 645
Generator Location Street Number:	1110
Generator Location Street 1:	1110 1110 SOUTH PAULINA
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	1110
Generator Mail Street 1:	1110 SOUTH PAULINA
Generator Mail Street 2:	Not Reported
Generator Mail City:	CHICAGO
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	IND000646943
Designated Facility Name:	Tradebe Treatment And Recycling Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	4343 KENNEDY AVE
Designated Facility Mail City:	EAST CHICAGO
Designated Facility Mail Zip:	46312
Designated Facility Mail State:	IN
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	4343 KENNEDY AVENUE
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	EAST CHICAGO
Designated Facility Location Zip:	46312
Designated Facility Location State:	IN
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	025057891JJK
Last Updated Date:	20240626
Shipped Date:	20240604
Received Date:	20240610
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	Uic Health & Safety Section Mc 645

UNIV OF IL CHICAGO ENV SAFETY, 1110 S. PAULINA, CHICAGO, IL 60612 (Continued)

Generator Location Street Number:	1110
Generator Location Street 1:	1110 1110 SOUTH PAULINA
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	1110
Generator Mail Street 1:	1110 SOUTH PAULINA
Generator Mail Street 2:	Not Reported
Generator Mail City:	CHICAGO
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	IND000646943
Designated Facility Name:	Tradebe Treatment And Recycling Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	4343 KENNEDY AVE
Designated Facility Mail City:	EAST CHICAGO
Designated Facility Mail Zip:	46312
Designated Facility Mail State:	IN
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	4343 KENNEDY AVENUE
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	EAST CHICAGO
Designated Facility Location Zip:	46312
Designated Facility Location State:	IN
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	025057912JJK
Last Updated Date:	20241008
Shipped Date:	20240827
Received Date:	20240901
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	Uic Health & Safety Section Mc 645
Generator Location Street Number:	1110
Generator Location Street 1:	1110 1110 SOUTH PAULINA
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	1110
Generator Mail Street 1:	1110 SOUTH PAULINA

UNIV OF IL CHICAGO ENV SAFETY, 1110 S. PAULINA, CHICAGO, IL 60612 (Continued)

Generator Mail Street 2:	Not Reported
Generator Mail City:	CHICAGO
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	IND000646943
Designated Facility Name:	Tradebe Treatment And Recycling Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	4343 KENNEDY AVE
Designated Facility Mail City:	EAST CHICAGO
Designated Facility Mail Zip:	46312
Designated Facility Mail State:	IN
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	4343 KENNEDY AVENUE
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	EAST CHICAGO
Designated Facility Location Zip:	46312
Designated Facility Location State:	IN
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	025057913JJK
Last Updated Date:	20241008
Shipped Date:	20240827
Received Date:	20240901
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	Uic Health & Safety Section Mc 645
Generator Location Street Number:	1110
Generator Location Street 1:	1110 1110 SOUTH PAULINA
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	1110
Generator Mail Street 1:	1110 SOUTH PAULINA
Generator Mail Street 2:	Not Reported
Generator Mail City:	CHICAGO
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	IND000646943
Designated Facility Name:	Tradebe Treatment And Recycling Llc
Designated Facility Mail Street Number:	Not Reported

UNIV OF IL CHICAGO ENV SAFETY, 1110 S. PAULINA, CHICAGO, IL 60612 (Continued)

Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	4343 KENNEDY AVE
Designated Facility Mail City:	EAST CHICAGO
Designated Facility Mail Zip:	46312
Designated Facility Mail State:	IN
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	4343 KENNEDY AVENUE
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	EAST CHICAGO
Designated Facility Location Zip:	46312
Designated Facility Location State:	IN
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	025059277JJK
Last Updated Date:	20230912
Shipped Date:	20230815
Received Date:	20230819
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984906198
Generator Name:	Uic Health & Safety Section Mc 645
Generator Location Street Number:	1110
Generator Location Street 1:	1110 1110 SOUTH PAULINA
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60612
Generator Mail Street Number:	1110
Generator Mail Street 1:	1110 South Paulina
Generator Mail Street 2:	Not Reported
Generator Mail City:	Chicago
Generator Mail Zip:	60612
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	IND000646943
Designated Facility Name:	Tradebe Treatment And Recycling Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	4343 KENNEDY AVE
Designated Facility Mail City:	EAST CHICAGO
Designated Facility Mail Zip:	46312
Designated Facility Mail State:	IN
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	4343 KENNEDY AVENUE
Designated Facility Location Street 2:	Not Reported

UNIV OF IL CHICAGO ENV SAFETY, 1110 S. PAULINA, CHICAGO, IL 60612 (Continued)

Designated Facility Location City:	EAST CHICAGO
Designated Facility Location Zip:	46312
Designated Facility Location State:	IN
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Transporter:

Manifest Tracking Number:	025059278JJK
Transporter Line Number:	1
Transporter EPA ID:	INR000123497
Transporter Name:	Tradebe Transportation Llc

Waste Line:

Manifest Tracking Number:	025059278JJK
Waste Line Number:	1
U.S. DOT Hazardous Indicator:	Y
U.S. DOT ID Number:	UN1993
U.S. DOT Description:	Un1993 Waste Flammable Liquids, N.O.S., (Acetone, Xylene) 3, Ii, Rq(F001 D001)
Non-Hazardous Waste Description:	Not Reported
Number of Containers:	3
Container Type Code:	DF
Container Type Description:	Fiberboard or plastic drums, barrels, kegs
Waste Quantity:	600
Quantity Unit of Measure Code:	P
Quantity Unit of Measure Description:	Pounds
Waste Quantity, in Tons:	0.3
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.3
Waste Quantity, in Kilograms:	272.109
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	272.109
Management Method Code:	H061
Management Method Description:	FUEL BLENDING
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not Reported
Waste Density Unit of Measure Code:	Not Reported
Waste Density Unit of Measure Description:	Not Reported
Form Code:	Not Reported
Form Code Description:	Not Reported
Source Code:	Not Reported
Source Code Description:	Not Reported
Waste Minimization Code:	Not Reported
Waste Minimization Code Description:	Not Reported
Consent Number:	Not Reported

UNIV OF IL CHICAGO ENV SAFETY, 1110 S. PAULINA, CHICAGO, IL 60612 (Continued)

EPA Waste Indicator:	Y
Federal Waste Codes:	D001, F001, F003, F005, U002, U003, U056, U154, U220, U239
Quantity Haz Kg:	272.109
Quantity Haz Tons:	0.3
Quantity Non Haz Kg:	Not Reported
Quantity Non Haz Tons:	Not Reported
State Waste Codes:	Not Reported

The Click here to access 149 additional US EManifest: record(s) in the EDR Site Report. database contains http://www.edrnet.com/srf2/FinalSiteReport.aspx?ID=61MG6q8Q1ffpMmJaGrlG3qwsqXOl8OLQQhJrA7.KfzvYfUQepuM75FvTmmOmJVvla.wn3ftGrbW3lLMCGHxP4CTIq0B5wREns3j53IdEXOMPOR9Xlj8e4hYkO9h6LDylQjRe451rhmPQJCIkrl5eCcUV7XBu.xU4K1wO6wHm13q3MR5dGftQ3kyxqewW8q3.Qp4.91eqfXp9fdsTpkSz3evBmhsUJTpSa0rY4HqqrMuMlvLlGi.a43IOq8ZywB1IshN95b.5XVdcOEaRlEZK5HnlOynMLlOLQjfH9IPzhLWxJ8fLrHsP6r9e1zpeM83VGe504Ey1qfpw8lAsQdV03uetfgqxfXwkpJcgB.Eima.kJHDRavMw5XIprpJElV4cGxSp55DSquKWwxFusX8v3cAaXXZ9OOIXlruQ3JLqOvkNL1OIQh5W8farhT3lJHvCrK573ueN77N5.LIsKdTS2Pj9zoSFvRRnYYvl5o7iURcuQni3eSgIv49suyeMM.uC7aAE6DcE1jEGMWlGGJ1B4BRTqJI88I7cQ5e83aI5fW9rfrw.pADO4RuTmF9hJVKhafL03hpIrFXil5fMGFYs4LjpqQyKwHpSsvN881cyXSxiOQg1lhrrAIa.O6qcLJ3mQD0n63UxhtDXJkZBrwu46lxc7GIS.nxrKdZ9AhIrzVW3voOMYCoJCCKwUpa7QObLeaguBFO0u181MLBF7GLb3 additional records for this site. Please contact your EDR Account Executive for more information.

UIC HEALTH & SAFETY SECTION MC 645 Not Reported, CHICAGO, IL,			1027318124
▲ 60	SSE 1/10 - 1/3	(834 ft. / 0.158 mi.)	Other Ascertainable Records
	Equal Elevation	593 ft. Above Sea Level	

Worksheet:

PFAS RCRA MANIFEST: Other Ascertainable Records

EPA ID:	ILD984906198
Name:	UIC HEALTH & SAFETY SECTION MC 645
Address:	Not Reported
City,State,Zip:	CHICAGO, IL
Latitude:	41.867608
Longitude:	-87.668971
Date Received:	2024-12-23 07:00:00
Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE
DES Facility ID:	IND000646943
DES Facility Name:	Tradebe Treatment And Recycling Llc
DES Facility City:	East Chicago
DES Facility State:	IN
DES Latitude:	41.63371
DES Longitude:	-87.461663
Manifest ID:	42554851
Waste Line Number:	5
COI Only:	N
DOT Hazardous:	Y
DOT ID Number Description:	UN2920
DOT Printed Information:	UN2920 WASTE CORROSIVE LIQUIDS, FLAMMABLE, N.O.S., (ACETIC ANHYDRIDE, PERFLUOROOCTANOIC ACID) 8,(3), II
Non Hazardous Waste Description:	-
Waste Line Handling:	-
Waste Residue Comments:	-
Manifest Handling:	-
State Waste Codes:	-

UIC HEALTH & SAFETY SECTION MC 645, Not Reported, CHICAGO, IL (Continued)

Quantity KG:	13.15417873
Date Shipped:	2024-12-17 07:00:00
Date Certified:	2025-01-13 15:58:00
Manifest Tracking Number:	026863639JJK
Destination Primary Naics:	562211
Generator Primary Naics:	611
EPA ID:	ILD984906198
Name:	UIC HEALTH & SAFETY SECTION MC 645
Address:	Not Reported
City,State,Zip:	CHICAGO, IL
Latitude:	41.867608
Longitude:	-87.668971
Date Received:	2020-09-24 00:00:00
Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE
DES Facility ID:	IND000646943
DES Facility Name:	Tradebe Treatment & Recycling Llc
DES Facility City:	East Chicago
DES Facility State:	IN
DES Latitude:	41.63371
DES Longitude:	-87.461663
Manifest ID:	19767691
Waste Line Number:	5
COI Only:	N
DOT Hazardous:	Y
DOT ID Number Description:	UN2924
DOT Printed Information:	UN2924 WASTE FLAMMABLE LIQUIDS, CORROSIVE, N.O.S., (PERFLUOROTRIBUTYLAMINE) 3,(8), II
Non Hazardous Waste Description:	-
Waste Line Handling:	-
Waste Residue Comments:	-
Manifest Handling:	-
State Waste Codes:	-
Quantity KG:	4.5359237000000006
Date Shipped:	2020-09-23 00:00:00
Date Certified:	2020-10-19 00:00:00
Manifest Tracking Number:	021965040JJK
Destination Primary Naics:	562211
Generator Primary Naics:	611

U & I CLEANERS AND TAILORS
1657 W ROOSEVELT RD FL A8, CHICAGO, IL, 60608 S127498090

▲ 61	S 1/10 - 1/3	(1204 ft. / 0.228 mi.)	Other Ascertainable Records
	Equal Elevation	593 ft. Above Sea Level	

Worksheet:

DRYCLEANERS: Other Ascertainable Records

Name:	U & I CLEANERS AND TAILORS

U & I CLEANERS AND TAILORS, 1657 W ROOSEVELT RD FL A8, CHICAGO, IL 60608 (Continued)

Address:	1657 W ROOSEVELT RD FL A8
State:	IL
Zip:	60608
DC No:	00726
Facility Contact:	TAI K CHOI
BOL/LPC Number:	0316605203
Phone Number:	312-829-1006

VACANT PROPERTY 1725 W ROOSEVELT RD, CHICAGO, IL,			S121841451
▲ V62	S 1/10 - 1/3	(1234 ft. / 0.234 mi.)	Local Lists of Registered Storage Tanks
	Equal Elevation	593 ft. Above Sea Level	

Worksheet:

CHICAGO TANKS: Local Lists of Registered Storage Tanks

Facility ID:	2041024
Name:	VACANT PROPERTY
Address:	1725 W ROOSEVELT RD
City:	CHICAGO
State:	IL
Tank Type:	UNDERGROUND STORAGE TANK
Owner:	See Environmental Permit Dataset
Tank ID:	1
Tank Material:	Not Reported
Tank Construction:	Not Reported
Substance:	HEATING OI
Tank Capacity:	4000
Install Date:	Not Reported
Removal Date:	Not Reported
Last Used Date:	Not Reported
Comments:	REMOVED 2/8/2001, Historic data from former Dept. of Environment [Associated Permit Numbers: 106693 106693;]
Data Source:	DEPT. OF PUBLIC HEALTH
Latitude:	41.866733811969198
Longitude:	-87.669904479933805

IRVING NUGER 1731 W ROOSEVELT RD, CHICAGO, IL,			S121835688
▲ V63	S 1/10 - 1/3	(1256 ft. / 0.238 mi.)	Local Lists of Registered Storage Tanks
	Equal Elevation	593 ft. Above Sea Level	

Worksheet:

CHICAGO TANKS: Local Lists of Registered Storage Tanks

Facility ID:	1731ROO1953-11-30

IRVING NUGER, 1731 W ROOSEVELT RD, CHICAGO, IL (Continued)

Name:	IRVING NUGER
Address:	1731 W ROOSEVELT RD
City:	CHICAGO
State:	IL
Tank Type:	UNDERGROUND STORAGE TANK
Owner:	Not Reported
Tank ID:	Not Reported
Tank Material:	Not Reported
Tank Construction:	Not Reported
Substance:	Not Reported
Tank Capacity:	Not Reported
Install Date:	11/30/1953
Removal Date:	Not Reported
Last Used Date:	Not Reported
Comments:	WORK BY: C. MILLER & SONS; INSTALL 1-1500 GAL FUEL OIL TANK FINAL 4/13/54
Data Source:	HISTORIC DEPT. OF BUILDINGS
Latitude:	41.866730805525499
Longitude:	-87.670184321515094

OK CLEANERS 1528 W TAYLOR ST, CHICAGO, IL, 60607			1032220610
▲ X64	ESE 1/10 - 1/3	(1261 ft. / 0.239 mi.)	Other Ascertainable Records
	Equal Elevation	593 ft. Above Sea Level	

Worksheet:

E MANIFEST: Other Ascertainable Records

Manifest Tracking Number:	006392772SKS
Last Updated Date:	20180926
Shipped Date:	20180717
Received Date:	20180820
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984851014
Generator Name:	Ok Cleaners
Generator Location Street Number:	Not Reported
Generator Location Street 1:	1528 W TAYLOR ST
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60607
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	1528 W Taylor St
Generator Mail Street 2:	Not Reported
Generator Mail City:	Chicago
Generator Mail Zip:	60607
Generator Mail State:	IL

OK CLEANERS, 1528 W TAYLOR ST, CHICAGO, IL 60607 (Continued)

Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	TXD055141378
Designated Facility Name:	Not Reported
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	2027 Independence Parkway South
Designated Facility Mail City:	La Porte
Designated Facility Mail Zip:	77571
Designated Facility Mail State:	TX
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	2027 Independence Parkway South
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	La Porte
Designated Facility Location Zip:	77571
Designated Facility Location State:	TX
Designated Facility Contact Company Name:	Clean Harbors Deer Park, Llc
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	007182955SKS
Last Updated Date:	20191029
Shipped Date:	20190925
Received Date:	20191003
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD984851014
Generator Name:	Ok Cleaners
Generator Location Street Number:	Not Reported
Generator Location Street 1:	1528 W TAYLOR ST
Generator Location Street 2:	Not Reported
Generator Location City:	CHICAGO
Generator Location State:	IL
Generator Location Zip:	60607
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	1528 W Taylor St
Generator Mail Street 2:	Not Reported
Generator Mail City:	Chicago
Generator Mail Zip:	60607
Generator Mail State:	IL
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	OHD980587364
Designated Facility Name:	Clean Harbors Recycling Services Of Ohio, Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	581 Milliken Drive SE
Designated Facility Mail City:	Hebron
Designated Facility Mail Zip:	43025

OK CLEANERS, 1528 W TAYLOR ST, CHICAGO, IL 60607 (Continued)

Designated Facility Mail State:	OH
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	581 Milliken Drive SE
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	Hebron
Designated Facility Location Zip:	43025
Designated Facility Location State:	OH
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Transporter:

Manifest Tracking Number:	007182955SKS
Transporter Line Number:	1
Transporter EPA ID:	TXR000081205
Transporter Name:	Safety-Kleen Systems, Inc.
Manifest Tracking Number:	007182955SKS
Transporter Line Number:	2
Transporter EPA ID:	OKR000031492
Transporter Name:	Basin Transportation

Waste Line:

Manifest Tracking Number:	007182955SKS
Waste Line Number:	1
U.S. DOT Hazardous Indicator:	Y
U.S. DOT ID Number:	UN2810
U.S. DOT Description:	Un2810, Waste Un2810 Waste Toxic Liquid,Organic N.O.S.) (D007,D039,D040(E (Tetrachloroethylene, Trichloroethylene) 6.1 Pgiii Rq(F002), 6.1, Pg Iii
Non-Hazardous Waste Description:	Not Reported
Number of Containers:	2
Container Type Code:	DM
Container Type Description:	Metal drums, barrels, kegs
Waste Quantity:	30
Quantity Unit of Measure Code:	G
Quantity Unit of Measure Description:	Gallons
Waste Quantity, in Tons:	0.12510425
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.12510425
Waste Quantity, in Kilograms:	113.47331
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	113.47331
Management Method Code:	H020
Management Method Description:	SOLVENTS RECOVERY
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not Reported

OK CLEANERS, 1528 W TAYLOR ST, CHICAGO, IL 60607 (Continued)

Waste Density Unit of Measure Code:	Not Reported
Waste Density Unit of Measure Description:	Not Reported
Form Code:	Not Reported
Form Code Description:	Not Reported
Source Code:	Not Reported
Source Code Description:	Not Reported
Waste Minimization Code:	Not Reported
Waste Minimization Code Description:	Not Reported
Consent Number:	Not Reported
EPA Waste Indicator:	Y
Federal Waste Codes:	D007, D039, D040, F002
Quantity Haz Kg:	113.47331
Quantity Haz Tons:	0.12510425
Quantity Non Haz Kg:	0
Quantity Non Haz Tons:	0
State Waste Codes:	Not Reported

OK CLEANERS 1528 W TAYLOR, CHICAGO, IL, 60607		1000614786
▲ X65	ESE 1/10 - 1/3 (1261 ft. / 0.239 mi.) Equal Elevation 593 ft. Above Sea Level	Lists of Federal RCRA generators State and tribal institutional control / engineering control registries Lists of state and tribal voluntary cleanup sites Other Ascertainable Records

Worksheet:

RCRA Listings: Lists of Federal RCRA generators

Date Form Received by Agency:	19920211
Handler Name:	Ok Cleaners
Handler Address:	1528 W Taylor
Handler City,State,Zip:	CHICAGO, IL 60607
EPA ID:	ILD984851014
Contact Name:	HONG CHUL KIM
Contact Address:	1528 W TAYLOR
Contact City,State,Zip:	CHICAGO, IL 60607
Contact Telephone:	312-421-2230
Contact Fax:	Not Reported
Contact Email:	Not Reported
Contact Title:	Not Reported
EPA Region:	05
Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not Reported
Biennial Report Cycle:	Not Reported
Accessibility:	Not Reported
Active Site Indicator:	Handler Activities
State District Owner:	Not Reported
State District:	DESPLAINES

OK CLEANERS, 1528 W TAYLOR, CHICAGO, IL 60607 (Continued)

Mailing Address:	1528 W TAYLOR
Mailing City,State,Zip:	CHICAGO, IL 60607
Owner Name:	Hong Chul Kim
Owner Type:	Private
Operator Name:	Not Reported
Operator Type:	Not Reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not Reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not Reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not Reported
Handler Date of Last Change:	20000915
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No

OK CLEANERS, 1528 W TAYLOR, CHICAGO, IL 60607 (Continued)

Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	F002
Waste Description:	The Following Spent Halogenated Solvents: Tetrachloroethylene, Methylene Chloride, Trichloroethylene, 1,1,1-Trichloroethane, Chlorobenzene, 1,1,2-Trichloro-1,2,2-Trifluoroethane, Ortho-Dichlorobenzene, Trichlorofluoromethane, And 1,1,2, Trichloroethane; All Spent Solvent Mixtures/Blends Containing, Before Use, A Total Of Ten Percent Or More (By Volume) Of One Or More Of The Above Halogenated Solvents Or Those Solvents Listed In F001, F004, And F005; And Still Bottoms From The Recovery Of These Spent Solvents And Spent Solvent Mixtures.

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HONG CHUL KIM
Legal Status:	Private
Date Became Current:	Not Reported
Date Ended Current:	Not Reported
Owner/Operator Address:	1528 W TAYLOR
Owner/Operator City,State,Zip:	CHICAGO, IL 60607
Owner/Operator Telephone:	312-421-2230
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported
Owner/Operator Email:	Not Reported

Historic Generators:

Receive Date:	19920211
Handler Name:	OK CLEANERS
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not Reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not Reported
Electronic Manifest Broker:	Not Reported

List of NAICS Codes and Descriptions:

NAICS Codes:	No NAICS Codes Found

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

OK CLEANERS, 1528 W TAYLOR, CHICAGO, IL 60607 (Continued)

IL INSTUTIONAL CONTROL: State and tribal institutional control / engineering control registries

Illinois EPA Id:	316285170
NFR Letter:	03/17/2005
Date NFR Recorded:	05/04/2005
Comprehensive / Focused:	Focused
Remediation Applicant Name:	Hong Chul Kim
RA Company:	OK Cleaners
RA Address:	1528 West Taylor Street
RA City,St,Zip:	Chicago 60607
Worker Caution:	No
Acres:	0.18
Land Use:	Industrial/Commercial
Ground Water Use Restriction:	No
Highway Authority Agreement:	No
Ordinance:	Yes
Industrial - Commercial:	Yes
Slab on Grade:	No
BCT:	No
Building Slab:	No
Asphalt Used:	No
Concrete Used:	No
Clean Soil 3ft:	No
Clean Soil 10ft:	No
Alternate Barrier:	No

SRP: Lists of state and tribal voluntary cleanup sites

Name:	OK CLEANERS
Address:	1528 WEST TAYLOR STREET
City,State,Zip:	CHICAGO, IL 60607
IL EPA Id:	316285170
US EPA Id:	ILD984851014
Longitude:	-87.664923
Latitude:	41.869578
Contact Name:	Hong Chul Kim
Contact Address:	1528 West Taylor Street
Contact City,St,Zip:	Chicago, IL 60607
Date Enrolled:	04/10/2003
Point Of Contact:	Eric Redschlag
Consultant Company:	ATC Associates, Inc.
Consultant Address:	419 Eisenhower Lane South
Consultant City,St,Zip:	Lombard, IL 60148-5706
Proj Mgr Assigned:	Todd Hall
Sec. 4 Letter Date:	Not Reported
Active:	No
Remediation Applicant Co:	OK Cleaners

NFRDL:

Effective:	True

OK CLEANERS, 1528 W TAYLOR, CHICAGO, IL 60607 (Continued)

Land Use:	Industrial/Commercial
Ground Water Use Restriction:	No
Highway Authority A greement:	No
Ordinance:	Yes
Industrial - Commercial:	Yes
Slab on Grade:	No
BCT:	No
Building Slab:	No
Asphalt Used:	No
Concrete Used:	No
Clean Soil 3ft:	No
Clean Soil 10ft:	No
Alternate Barrier:	No
Remediation Applicant Name:	Hong Chul Kim
Remediation Applicant Company:	OK Cleaners
Remediation Applicant Address:	1528 West Taylor Street
Remediation Applicant City,St,Zip:	Chicago 60607
Illinois EPA:	316285170
Site Name:	OK Cleaners
NFR Letter:	2005-03-17
NFR Letter Date Recorded:	2005-05-04
Comprehensive/Focused:	Focused
Worker Caution:	N
Acres:	0.18

FINDS: Other Ascertainable Records

Registry ID:	110005905618
Click Here for FRS Facility Detail Report:	https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110005905618

Environmental Interest/Information System:

ICIS-Air (AIR) AIR is the modernization of the Air Facility System (AFS) into the Integrated Compliance Information System (ICIS). AIR contains enforcement, compliance, and permit data for stationary sources of air pollution regulated by the EPA, State, and Local air pollution agencies.

The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

The Agency Compliance and Enforcement Systems (ACES) application supports the compliance and enforcement activities that exist primarily within the Illinois Bureaus of Air, Water, and Land, the Division of Legal Counsel, and the Office of Chemical Safety. The intent of the system is to track compliance and enforcement processes and to share the information throughout the agency, the public and with other entities.

The Click here to access additional FINDS: detail in the EDR Site Report. database contains http://www.edrnet.com/srf2/FinalSiteReport.aspx?ID=6fN36jtmfv75NMQp3zPP3yVxjVkwtw5amZazAHnpv9bI7Sr45Kfm5MjXMXbnQvtrpfrt3E59zUYiPMXUPE6d4XRyyIS5VnblxoVQ3XdYVtfdk1SEwVvg4DS5wi6n5VBpaqy14dFQZVQhauluzfMOCDnZHlwrnzS0paEL6EPrfJTcNAWN30k13k8Vjy6gtKQgmRH99CPUvgom7xSz5AMU3lDNMQ.gQsGQpGJD4UYuzQ.hP4arPSXa4d50yKXnVcEKxQg85vfNVjPWkwOWwmtQ5R45wNn.58.tavxT96agZz3RaHmXzxgv61ljf7izNYo13u7.4S6hjen0tNewmQ0B38JXvEHg7jOq5eAGB5r5MadwQADLpRYK5mVczpOpPWm3Pv0a5ibmyaEjVsujxFZ83MCKVyzKk.Cewqfh3JyWw96V5xCra3ZV8NRiZPnbaYN9zBPT3R8jHXxNnik5pYjk2OCF96LVbI5kI1BJ5vwRSBHcrRdu4rrWvbpZKcARfpQFmUw86pUzfHb6NxwN3u9T4FiVjAzAtupjmhlH346Nv3PA7nnU5hf04WgsMoQIQvZNpw.x3RGpzdoRPxprPbMy3pwDyt6vVDDrxZSh3sTXVKnhkPdXwU.a96K.wC6b5k3laNHv4vXWZln.aP5bzu347vCNH66HnHqBpTRSASOK9aosblcqIYo0BlWZSj1gr47.4XkQ9UCoKVsNfU.7mNPs3 additional records for this site. Please contact your EDR Account Executive for more information.

ECHO: Other Ascertainable Records

Envid:	1000614786

OK CLEANERS, 1528 W TAYLOR, CHICAGO, IL 60607 (Continued)

Registry ID:	110005905618
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005905618
Name:	OK CLEANERS
Address:	1528 W Taylor
City,State,Zip:	CHICAGO, IL 60607

DRYCLEANERS: Other Ascertainable Records

Name:	OK CLEANERS
Address:	1528 WEST TAYLOR
State:	IL
Zip:	60607
DC No:	00277
Facility Contact:	HONG KIM
BOL/LPC Number:	316285170
Phone Number:	312-493-0616

Name:	OK CLEANERS HONG KIM
Address:	1528 WEST TAYLOR
State:	IL
Zip:	60607
DC No:	00277
Facility Contact:	Not Reported
BOL/LPC Number:	316285170
Phone Number:	312-493-0616

BALABAU & KATZ
1641 W ROOSEVELT RD, CHICAGO, IL, S121835245

▲ AB66	SSE 1/10 - 1/3	(1302 ft. / 0.247 mi.)	Local Lists of Registered Storage Tanks
	Equal Elevation	593 ft. Above Sea Level	

Worksheet:

CHICAGO TANKS: Local Lists of Registered Storage Tanks

Facility ID:	1641ROO1957-09-20
Name:	BALABAU & KATZ
Address:	1641 W ROOSEVELT RD
City:	CHICAGO
State:	IL
Tank Type:	UNDERGROUND STORAGE TANK
Owner:	Not Reported
Tank ID:	Not Reported
Tank Material:	Not Reported
Tank Construction:	Not Reported
Substance:	Not Reported
Tank Capacity:	Not Reported
Install Date:	09/20/1957
Removal Date:	Not Reported
Last Used Date:	Not Reported

BALABAU & KATZ, 1641 W ROOSEVELT RD, CHICAGO, IL (Continued)

Comments:	WORK BY: WATER TUBE BOILER & TANK; INSTALL 1-3K GAL FUEL OIL TANK FINAL N/G
Data Source:	HISTORIC DEPT. OF BUILDINGS
Latitude:	41.866749825545298
Longitude:	-87.668073103213899

LAUGHILL CONSTRUCTION ROOSEVELT & ASHLAND, CHICAGO, IL, 60604			S108480202
▲ AD67	SSE 1/10 - 1/3	(1418 ft. / 0.269 mi.)	Lists of state and tribal leaking storage tanks Records of Emergency Release Reports
	Equal Elevation	593 ft. Above Sea Level	

Worksheet:

LUST: Lists of state and tribal leaking storage tanks

Name:	LAUGHILL CONSTRUCTION
Address:	ROOSEVELT & ASHLAND
City,State,Zip:	CHICAGO, IL 60604
Incident Num:	20070299
IL EPA Id:	0316325462
Product:	Diesel
IEMA Date:	2007-03-12
Project Manager:	Cope
Project Manager Phone:	Not Reported
Email:	Not Reported
PRP Name:	Laughill Construction
PRP Contact:	William McWalter
PRP Address:	13423 Red Fox Court
PRP City,St,Zip:	Lemont, IL 60439
PRP Phone:	6305144885
Site Classification:	Not Reported
Section 57.5(g) Letter:	734
Date Section 57.5(g) Letter:	Not Reported
Non LUST Determination Letter:	Not Reported
20 Report Received:	Not Reported
45 Report Received:	Not Reported
No Further Remediation Letter:	Not Reported
No Further Remediation Date Recorded:	Not Reported
Heating Oil Date:	Not Reported
Non-Lust LR Date:	Not Reported

SPILLS: Records of Emergency Release Reports

Name:	Not Reported
City,State,Zip:	CHICAGO, IL
Incident ID:	20070299
Incident Date:	03/12/2007
Date Received:	3/12/2007
Lust Ind:	Yes
Facility Address:	ROOSEVELT & ASHLAND

LAUGHILL CONSTRUCTION, ROOSEVELT & ASHLAND, CHICAGO, IL 60604 (Continued)

Facility City:	CHICAGO
PRP Name:	LAUGHILL CONSTRUCTION
AC:	Not Reported
Source Table:	dbo_OCIN_INCIDENTCUR

LAUGHILL CONSTRUCTION ROOSEVELT & ASHLAND, CHICAGO, IL, 0			1028995313
▲ AD68	SSE 1/10 - 1/3	(1418 ft. / 0.269 mi.)	Other Ascertainable Records
	Equal Elevation	593 ft. Above Sea Level	

Worksheet:

UST FINDER RELEASE: Other Ascertainable Records

Object ID:	481032
Facility ID:	IL316325462
Lust ID:	IL316325462_20070299
Name:	LAUGHILL CONSTRUCTION
Address:	ROOSEVELT & ASHLAND
City,State,Zip:	CHICAGO, IL 0
Address Match Type:	StreetInt
Reported Date:	2007/03/12 15:59:59+00
Status:	Open
Substance:	Diesel
Population within 1500ft:	2322
Domestic Wells within 1500ft:	0
Land Use:	Developed, High Intensity
Within SPA:	Yes
SPA PWS Facility ID:	IL0316000_25520
SPA Water Type:	SW - SurRELEASEe Water
SPA Facility Type:	IN - Intake
SPA HUC12:	31700010602
Within WHPA:	No
WHPA PWS Facility ID:	Not Reported
WHPA Water Type:	Not Reported
WHPA Facility Type:	Not Reported
WHPA HUC12:	Not Reported
Within 100yr Floodplain:	No
Tribe:	Not Reported
EPA Region:	5
NFA Letter 1:	Not Reported
NFA Letter 2:	Not Reported
NFA Letter 3:	Not Reported
NFA Letter 4:	Not Reported
Closed With Residual Contaminate:	Not Reported
Coordinate Source:	Geocode
X Coord:	-87.66649
Y Coord:	41.8668900000001
Latitude:	41.8668899999999

LAUGHILL CONSTRUCTION, ROOSEVELT & ASHLAND, CHICAGO, IL 0 (Continued)

Longitude: -87.6664899999999

MILE SQUARE HEALTH CENTER 1220 SOUTH WOOD STREET, CHICAGO, IL, 60608			S113248892
▲ 69	SSW 1/10 - 1/3	(1419 ft. / 0.269 mi.)	Lists of state and tribal voluntary cleanup sites
	Equal Elevation	593 ft. Above Sea Level	

Worksheet:

SRP: Lists of state and tribal voluntary cleanup sites

Name:	MILE SQUARE HEALTH CENTER
Address:	1220 SOUTH WOOD STREET
City,State,Zip:	CHICAGO, IL 60608
IL EPA Id:	316605154
US EPA Id:	Not Reported
Longitude:	-87.672171
Latitude:	41.866289
Contact Name:	Grainne Cassidy-Stoltz
Contact Address:	1140 South Paulina Street
Contact City,St,Zip:	Chicago, IL 60612-7215
Date Enrolled:	02/06/2013
Point Of Contact:	Jason Janssen
Consultant Company:	Environmental Design International, Inc.
Consultant Address:	Not Reported
Consultant City,St,Zip:	Chicago, IL 60603
Proj Mgr Assigned:	Russell Irwin
Sec. 4 Letter Date:	Not Reported
Active:	No
Remediation Applicant Co:	Board of Trustees University of Illinois

IL MEDICAL DIST. S.W. CORNER ASHLAND & WASHBURNE AVE., CHICAGO, IL,			S106526676
▲ AB70	SSE 1/10 - 1/3	(1466 ft. / 0.278 mi.)	Lists of state and tribal leaking storage tanks
	Equal Elevation	593 ft. Above Sea Level	

Worksheet:

LUST: Lists of state and tribal leaking storage tanks

Name:	IL MEDICAL DIST.
Address:	S.W. CORNER ASHLAND & WASHBURNE AVE.
City,State,Zip:	CHICAGO, IL
Incident Num:	20001600
IL EPA Id:	0316275187
Product:	Gasoline
IEMA Date:	2000-08-22
Project Manager:	Hale

IL MEDICAL DIST., S.W. CORNER ASHLAND & WASHBURNE AVE., CHICAGO, IL (Continued)

Project Manager Phone:	Not Reported
Email:	Not Reported
PRP Name:	IL Medical Dist.
PRP Contact:	George Davis
PRP Address:	600 South Hoyne Ave.
PRP City,St,Zip:	Chicago, IL 60612
PRP Phone:	3126333434
Site Classification:	Not Reported
Section 57.5(g) Letter:	732
Date Section 57.5(g) Letter:	Not Reported
Non LUST Determination Letter:	Not Reported
20 Report Received:	2000-09-27
45 Report Received:	2000-10-24
No Further Remediation Letter:	**2001-03-01**
No Further Remediation Date Recorded:	2001-04-10
Heating Oil Date:	Not Reported
Non-Lust LR Date:	Not Reported

IL MEDICAL DIST.
N.W. CORNER ASHLAND & WASHBURNE AVE., CHICAGO, IL, S106526677

▲ AB71	SSE 1/10 - 1/3	(1466 ft. / 0.278 mi.)	Lists of state and tribal leaking storage tanks
	Equal Elevation	593 ft. Above Sea Level	

Worksheet:

LUST: Lists of state and tribal leaking storage tanks

Name:	IL MEDICAL DIST.
Address:	N.W. CORNER ASHLAND & WASHBURNE AVE.
City,State,Zip:	CHICAGO, IL
Incident Num:	20001601
IL EPA Id:	0316275187
Product:	Gasoline
IEMA Date:	2000-08-22
Project Manager:	Hale
Project Manager Phone:	Not Reported
Email:	Not Reported
PRP Name:	IL Medical Dist.
PRP Contact:	George Davis
PRP Address:	600 South Hoyne Ave.
PRP City,St,Zip:	Chicago, IL 60612
PRP Phone:	3126333434
Site Classification:	Not Reported
Section 57.5(g) Letter:	732
Date Section 57.5(g) Letter:	Not Reported
Non LUST Determination Letter:	Not Reported
20 Report Received:	2000-09-27
45 Report Received:	2000-10-24

IL MEDICAL DIST., N.W. CORNER ASHLAND & WASHBURNE AVE., CHICAGO, IL (Continued)

No Further Remediation Letter:	**2001-03-01**
No Further Remediation Date Recorded:	2001-04-10
Heating Oil Date:	Not Reported
Non-Lust LR Date:	Not Reported

IL MEDICAL DIST. S.E. CORNER PAULINA ST. & ROOSEVELT RD., CHICAGO, IL,			S106526675
▲ AB72	SSE 1/10 - 1/3	(1466 ft. / 0.278 mi.)	Lists of state and tribal leaking storage tanks
	Equal Elevation	593 ft. Above Sea Level	

Worksheet:

LUST: Lists of state and tribal leaking storage tanks

Name:	IL MEDICAL DIST.
Address:	S.E. CORNER PAULINA ST. & ROOSEVELT RD.
City,State,Zip:	CHICAGO, IL
Incident Num:	20001599
IL EPA Id:	0316275187
Product:	Other Petroleum
IEMA Date:	2000-08-22
Project Manager:	Hale
Project Manager Phone:	Not Reported
Email:	Not Reported
PRP Name:	IL Medical Dist.
PRP Contact:	George Davis
PRP Address:	600 South Hoyne Ave.
PRP City,St,Zip:	Chicago, IL 60612
PRP Phone:	3126333434
Site Classification:	Not Reported
Section 57.5(g) Letter:	732
Date Section 57.5(g) Letter:	Not Reported
Non LUST Determination Letter:	Not Reported
20 Report Received:	2000-09-27
45 Report Received:	2000-11-13
No Further Remediation Letter:	**2001-03-01**
No Further Remediation Date Recorded:	2001-04-10
Heating Oil Date:	Not Reported
Non-Lust LR Date:	Not Reported

IL MEDICAL DIST. N.E. CORNER PAULINA ST. & WASHBURNE AVE., CHICAGO, IL,			S106526674
▲ AB73	SSE 1/10 - 1/3	(1466 ft. / 0.278 mi.)	Lists of state and tribal leaking storage tanks
	Equal Elevation	593 ft. Above Sea Level	

Worksheet:

IL MEDICAL DIST., N.E. CORNER PAULINA ST. & WASHBURNE AVE., CHICAGO, IL (Continued)

LUST: Lists of state and tribal leaking storage tanks

Name:	IL MEDICAL DIST.
Address:	N.E. CORNER PAULINA ST. & WASHBURNE AVE.
City,State,Zip:	CHICAGO, IL
Incident Num:	20001598
IL EPA Id:	0316275187
Product:	Gasoline
IEMA Date:	2000-08-22
Project Manager:	Hale
Project Manager Phone:	Not Reported
Email:	Not Reported
PRP Name:	IL Medical Dist.
PRP Contact:	George Davis
PRP Address:	600 South Hoyne Ave.
PRP City,St,Zip:	Chicago, IL 60612
PRP Phone:	3126333434
Site Classification:	Not Reported
Section 57.5(g) Letter:	732
Date Section 57.5(g) Letter:	Not Reported
Non LUST Determination Letter:	Not Reported
20 Report Received:	2000-09-27
45 Report Received:	2000-10-23
No Further Remediation Letter:	**2001-03-01**
No Further Remediation Date Recorded:	2001-04-10
Heating Oil Date:	Not Reported
Non-Lust LR Date:	Not Reported

FORMER SHELL SERVICE STATION #136931 1549 WEST ROOSEVELT RD., CHICAGO, IL, 0		1028994947
▲ AD74	SSE 1/10 - 1/3 (1572 ft. / 0.298 mi.)	Other Ascertainable Records
	Equal Elevation 593 ft. Above Sea Level	

Worksheet:

UST FINDER RELEASE: Other Ascertainable Records

Object ID:	480647
Facility ID:	IL316286256
Lust ID:	IL316286256_992426
Name:	FORMER SHELL SERVICE STATION #136931
Address:	1549 WEST ROOSEVELT RD.
City,State,Zip:	CHICAGO, IL 0
Address Match Type:	PointAddress
Reported Date:	1999/10/26 15:59:59+00
Status:	No Further Action
Substance:	Gasoline
Population within 1500ft:	2658

FORMER SHELL SERVICE STATION #136931, 1549 WEST ROOSEVELT RD., CHICAGO, IL 0 (Continued)

Domestic Wells within 1500ft:	0
Land Use:	Developed, High Intensity
Within SPA:	Yes
SPA PWS Facility ID:	IL0316000_25520
SPA Water Type:	SW - SurRELEASEe Water
SPA Facility Type:	IN - Intake
SPA HUC12:	31700010602
Within WHPA:	No
WHPA PWS Facility ID:	Not Reported
WHPA Water Type:	Not Reported
WHPA Facility Type:	Not Reported
WHPA HUC12:	Not Reported
Within 100yr Floodplain:	No
Tribe:	Not Reported
EPA Region:	5
NFA Letter 1:	Not Reported
NFA Letter 2:	Not Reported
NFA Letter 3:	Not Reported
NFA Letter 4:	Not Reported
Closed With Residual Contaminate:	Not Reported
Coordinate Source:	Geocode
X Coord:	-87.66585
Y Coord:	41.8667600000001
Latitude:	41.8667599999999
Longitude:	-87.66585

FORMER SHELL SERVICE STATION #136931 1549 WEST ROOSEVELT RD., CHICAGO, IL, 60608			S105815826
▲ AD75	SSE 1/10 - 1/3	(1572 ft. / 0.298 mi.)	Lists of state and tribal leaking storage tanks
	Equal Elevation	593 ft. Above Sea Level	

Worksheet:

LUST: Lists of state and tribal leaking storage tanks

Name:	FORMER SHELL SERVICE STATION #136931
Address:	1549 WEST ROOSEVELT RD.
City,State,Zip:	CHICAGO, IL 60608
Incident Num:	992426
IL EPA Id:	0316286256
Product:	Gasoline
IEMA Date:	1999-10-26
Project Manager:	McCain
Project Manager Phone:	Not Reported
Email:	Not Reported
PRP Name:	Equilon Enterprises LLC
PRP Contact:	John Robbins
PRP Address:	606 Diehl, Suite 103
PRP City,St,Zip:	Naperville, IL 60563

FORMER SHELL SERVICE STATION #136931, 1549 WEST ROOSEVELT RD., CHICAGO, IL 60608 (Continued)

PRP Phone:	6302764206
Site Classification:	HIGH
Section 57.5(g) Letter:	732
Date Section 57.5(g) Letter:	Not Reported
Non LUST Determination Letter:	Not Reported
20 Report Received:	1999-11-08
45 Report Received:	1999-11-08
No Further Remediation Letter:	**2004-06-15**
No Further Remediation Date Recorded:	2004-08-03
Heating Oil Date:	Not Reported
Non-Lust LR Date:	Not Reported

RAPATAS, PETER 1225 SOUTH ASHLAND AVE., CHICAGO, IL, 0			1028995226
▲ AD76	SSE 1/10 - 1/3	(1667 ft. / 0.316 mi.)	Other Ascertainable Records
	Equal Elevation	593 ft. Above Sea Level	

Worksheet:

UST FINDER RELEASE: Other Ascertainable Records

Object ID:	480940
Facility ID:	IL316315255
Lust ID:	IL316315255_20021258
Name:	RAPATAS, PETER
Address:	1225 SOUTH ASHLAND AVE.
City,State,Zip:	CHICAGO, IL 0
Address Match Type:	StreetAddress
Reported Date:	2002/09/03 15:59:59+00
Status:	No Further Action
Substance:	Gasoline
Population within 1500ft:	2081
Domestic Wells within 1500ft:	0
Land Use:	Developed, High Intensity
Within SPA:	Yes
SPA PWS Facility ID:	IL0316000_25520
SPA Water Type:	SW - SurRELEASEe Water
SPA Facility Type:	IN - Intake
SPA HUC12:	31700010602
Within WHPA:	No
WHPA PWS Facility ID:	Not Reported
WHPA Water Type:	Not Reported
WHPA Facility Type:	Not Reported
WHPA HUC12:	Not Reported
Within 100yr Floodplain:	No
Tribe:	Not Reported
EPA Region:	5
NFA Letter 1:	Not Reported

RAPATAS, PETER, 1225 SOUTH ASHLAND AVE., CHICAGO, IL 0 (Continued)

NFA Letter 2:	Not Reported
NFA Letter 3:	Not Reported
NFA Letter 4:	Not Reported
Closed With Residual Contaminate:	Not Reported
Coordinate Source:	Geocode
X Coord:	-87.6663599999999
Y Coord:	41.8663300000001
Latitude:	41.8663299999999
Longitude:	-87.6663599999999

RAPATAS, PETER 1225 SOUTH ASHLAND AVE., CHICAGO, IL, 60608			S105620747
▲ AD77	SSE 1/10 - 1/3	(1667 ft. / 0.316 mi.)	Lists of state and tribal leaking storage tanks
	Equal Elevation	593 ft. Above Sea Level	

Worksheet:

LUST: Lists of state and tribal leaking storage tanks

Name:	RAPATAS, PETER
Address:	1225 SOUTH ASHLAND AVE.
City,State,Zip:	CHICAGO, IL 60608
Incident Num:	20021258
IL EPA Id:	0316315255
Product:	Gasoline
IEMA Date:	2002-09-03
Project Manager:	Benanti
Project Manager Phone:	(217) 524-4649
Email:	Trent.Benanti@illinois.gov
PRP Name:	Peter Rapatas
PRP Contact:	Not Reported
PRP Address:	1225 South Ashland Ave.
PRP City,St,Zip:	Chicago, IL 60608
PRP Phone:	3122436199
Site Classification:	Not Reported
Section 57.5(g) Letter:	Not Reported
Date Section 57.5(g) Letter:	Not Reported
Non LUST Determination Letter:	Not Reported
20 Report Received:	2002-09-17
45 Report Received:	2002-09-30
No Further Remediation Letter:	**2004-11-01**
No Further Remediation Date Recorded:	2004-12-02
Heating Oil Date:	Not Reported
Non-Lust LR Date:	Not Reported

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
ENVIRONMENTAL RECORDS						
Federal NPL site list						
US	NPL	National Priority List	EPA	09/29/2025	10/01/2025	10/28/2025
US	Proposed NPL	Proposed National Priority List Sites	EPA	09/29/2025	10/01/2025	10/28/2025
US	NPL LIENS	Federal Superfund Liens	EPA	10/15/1991	02/02/1994	03/30/1994
Federal CERCLIS list						
US	SEMS	Superfund Enterprise Management System	EPA	09/29/2025	10/01/2025	10/28/2025
Federal RCRA CORRACTS facilities list						
US	CORRACTS	Corrective Action Report	EPA	11/30/2025	12/03/2025	12/10/2025
Federal RCRA TSD facilities list						
US	RCRA-TSDF	RCRA - Treatment, Storage and Disposal	Environmental Protection Agency	11/30/2025	12/03/2025	12/10/2025
Federal RCRA generators list						
US	RCRA-LQG	RCRA - Large Quantity Generators	Environmental Protection Agency	11/30/2025	12/03/2025	12/10/2025
US	RCRA-SQG	RCRA - Small Quantity Generators	Environmental Protection Agency	11/30/2025	12/03/2025	12/10/2025
US	RCRA-VSQG	RCRA - Very Small Quantity Generators (Formerly Conditionall	Environmental Protection Agency	11/30/2025	12/03/2025	12/10/2025
Federal institutional controls / engineering controls registries						
US	LUCIS	Land Use Control Information System	Department of the Navy	03/11/2025	04/02/2025	06/24/2025
US	US ENG CONTROLS	Engineering Controls Sites List	Environmental Protection Agency	10/30/2025	11/11/2025	11/12/2025
US	US INST CONTROLS	Institutional Controls Sites List	Environmental Protection Agency	10/30/2025	11/11/2025	11/12/2025
Federal ERNS list						
US	ERNS	Emergency Response Notification System	National Response Center, United States Coast	09/23/2025	10/01/2025	12/10/2025
State and tribal - equivalent CERCLIS						
IL	SSU	State Sites Unit Listing	Illinois Environmental Protection Agency	01/16/2025	02/11/2025	04/29/2025
State and tribal landfill / solid waste disposal						
IL	SWF/LF	Available Disposal for Solid Waste in Illinois - Solid Waste	Illinois Environmental Protection Agency	12/31/2024	10/14/2025	01/07/2026
IL	LF WMRC	Waste Management & Research Center Landfill Database	Department of Natural Resources	12/31/2001	10/06/2006	11/06/2006
IL	IL NIPC	Solid Waste Landfill Inventory	Northeastern Illinois Planning Commission	08/01/1988	04/07/2022	07/01/2022
IL	LF SPECIAL WASTE	Special Waste Site List	Illinois EPA	01/01/1990	06/17/2009	07/15/2009
IL	CCDD	Clean Construction or Demolition Debris	Illinois EPA	12/16/2025	12/17/2025	12/23/2025

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
State and tribal leaking storage tank lists						
IL	LUST	Leaking Underground Storage Tank Sites	Illinois Environmental Protection Agency	10/13/2025	10/14/2025	01/07/2026
US	INDIAN LUST R8	Leaking Underground Storage Tanks on Indian Land	EPA Region 8	05/22/2025	07/10/2025	10/02/2025
US	INDIAN LUST R7	Leaking Underground Storage Tanks on Indian Land	EPA Region 7	05/22/2025	07/10/2025	10/02/2025
US	INDIAN LUST R5	Leaking Underground Storage Tanks on Indian Land	EPA, Region 5	04/21/2025	07/10/2025	10/02/2025
US	INDIAN LUST R9	Leaking Underground Storage Tanks on Indian Land	Environmental Protection Agency	04/21/2025	07/10/2025	10/02/2025
US	INDIAN LUST R6	Leaking Underground Storage Tanks on Indian Land	EPA Region 6	04/21/2025	07/10/2025	10/02/2025
US	INDIAN LUST R10	Leaking Underground Storage Tanks on Indian Land	EPA Region 10	05/27/2025	07/10/2025	10/02/2025
US	INDIAN LUST R1	Leaking Underground Storage Tanks on Indian Land	EPA Region 1	04/21/2025	07/10/2025	10/02/2025
US	INDIAN LUST R4	Leaking Underground Storage Tanks on Indian Land	EPA Region 4	04/21/2025	07/10/2025	10/02/2025
IL	LUST TRUST	Underground Storage Tank Fund Payment Priority List	Illinois EPA	06/06/2016	07/27/2016	10/18/2016
State and tribal registered storage tank lists						
IL	UST	Underground Storage Tank Facility List	Illinois State Fire Marshal	10/03/2025	10/03/2025	10/09/2025
IL	AST	Above Ground Storage Tanks	State Fire Marshal	05/07/2025	05/13/2025	07/31/2025
US	INDIAN UST R8	Underground Storage Tanks on Indian Land	EPA Region 8	05/22/2025	07/10/2025	10/02/2025
US	INDIAN UST R5	Underground Storage Tanks on Indian Land	EPA Region 5	04/21/2025	07/10/2025	10/02/2025
US	INDIAN UST R6	Underground Storage Tanks on Indian Land	EPA Region 6	04/21/2025	07/10/2025	10/02/2025
US	INDIAN UST R7	Underground Storage Tanks on Indian Land	EPA Region 7	05/22/2025	07/10/2025	10/02/2025
US	INDIAN UST R1	Underground Storage Tanks on Indian Land	EPA, Region 1	04/21/2025	07/10/2025	10/02/2025
US	INDIAN UST R9	Underground Storage Tanks on Indian Land	EPA Region 9	04/21/2025	07/10/2025	10/02/2025
US	INDIAN UST R4	Underground Storage Tanks on Indian Land	EPA Region 4	04/21/2025	07/10/2025	10/02/2025
US	INDIAN UST R10	Underground Storage Tanks on Indian Land	EPA Region 10	05/27/2025	07/10/2025	10/02/2025
US	FEMA UST	Underground Storage Tank Listing	FEMA	06/06/2025	08/26/2025	11/12/2025
State and tribal institutional control / engineering control registries						
IL	ENG CONTROLS	Sites with Engineering Controls	Illinois Environmental Protection Agency	12/10/2025	12/10/2025	12/15/2025
IL	Inst Control	Institutional Controls	Illinois Environmental Protection Agency	12/10/2025	12/10/2025	12/15/2025
State and tribal voluntary cleanup sites						
US	INDIAN VCP R7	Voluntary Cleanup Priority Lisitng	EPA, Region 7	03/20/2008	04/22/2008	05/19/2008
US	INDIAN VCP R1	Voluntary Cleanup Priority Listing	EPA, Region 1	07/27/2015	09/29/2015	02/18/2016
IL	SRP	Site Remediation Program Database	Illinois Environmental Protection Agency	12/10/2025	12/10/2025	12/15/2025
State and tribal Brownfields sites						
IL	BROWNFIELDS	Municipal Brownfields Redevelopment Grant Program Project De	Illinois Environmental Protection Agency	02/11/2010	07/31/2014	09/08/2014
IL	BROWNFIELDS	Redevelopment Assessment Database	Illinois Environmental Protection Agency	10/13/2025	10/14/2025	01/06/2026
Other Records						
US	CONSENT	Superfund (CERCLA) Consent Decrees	Department of Justice, Consent Decree Library	06/30/2025	07/29/2025	10/28/2025
US	ROD	Records Of Decision	EPA	10/30/2025	11/03/2025	11/18/2025
US	LIENS 2	CERCLA Lien Information	Environmental Protection Agency	09/29/2025	10/01/2025	10/28/2025
US	DEBRIS REGION 9	Torres Martinez Reservation Illegal Dump Site Locations	EPA, Region 9	01/12/2009	05/07/2009	09/21/2009
US	COAL ASH EPA	Coal Combustion Residues Surface Impoundments List	Environmental Protection Agency	01/12/2017	03/05/2019	11/11/2019
US	US HIST CDL	National Clandestine Laboratory Register	Drug Enforcement Administration	04/04/2025	06/02/2025	08/12/2025
US	FUSRAP	Formerly Utilized Sites Remedial Action Program	Department of Energy	03/03/2023	03/03/2023	06/09/2023

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
US	COAL ASH DOE	Steam-Electric Plant Operation Data	Department of Energy	12/31/2023	10/16/2024	01/14/2025
US	EPA WATCH LIST	EPA Watch List	Environmental Protection Agency	08/30/2013	03/21/2014	06/17/2014
US	US FIN ASSUR	Financial Assurance Information	Environmental Protection Agency	06/02/2025	06/03/2025	06/16/2025
US	LEAD SMELTER 1	Lead Smelter Sites	Environmental Protection Agency	09/29/2025	10/01/2025	10/28/2025
US	SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing	Environmental Protection Agency	07/30/2021	02/03/2023	02/10/2023
US	PCB TRANSFORMER	PCB Transformer Registration Database	Environmental Protection Agency	09/13/2019	11/06/2019	02/10/2020
US	US AIRS MINOR	Air Facility System Data	EPA	10/12/2016	10/26/2016	02/03/2017
US	US AIRS (AFS)	Aerometric Information Retrieval System Facility Subsystem (	EPA	10/12/2016	10/26/2016	02/03/2017
US	2020 COR ACTION	2020 Corrective Action Program List	Environmental Protection Agency	09/30/2017	05/08/2018	07/20/2018
US	LEAD SMELTER 2	Lead Smelter Sites	American Journal of Public Health	04/05/2001	10/27/2010	12/02/2010
US	Delisted NPL	National Priority List Deletions	EPA	09/29/2025	10/01/2025	10/28/2025
US	SEMS-ARCHIVE	Superfund Enterprise Management System Archive	EPA	09/29/2025	10/01/2025	10/28/2025
US	RCRA NonGen / NLR	RCRA - Non Generators / No Longer Regulated	Environmental Protection Agency	11/30/2025	12/03/2025	12/10/2025
US	HMIRS	Hazardous Materials Information Reporting System	U.S. Department of Transportation	09/29/2025	10/01/2025	12/10/2025
US	DOT OPS	Incident and Accident Data	Department of Transporation, Office of Pipeli	06/30/2025	07/17/2025	10/13/2025
US	US CDL	Clandestine Drug Labs	Drug Enforcement Administration	04/04/2025	06/02/2025	08/12/2025
US	US BROWNFIELDS	A Listing of Brownfields Sites	Environmental Protection Agency	09/19/2025	10/01/2025	11/24/2025
US	DOD	Department of Defense Sites	USGS	06/07/2021	07/13/2021	03/09/2022
US	FEDLAND	Federal and Indian Lands	U.S. Geological Survey	04/02/2018	04/11/2018	11/06/2019
US	FUDS	Formerly Used Defense Sites	U.S. Army Corps of Engineers	07/23/2025	07/23/2025	07/29/2025
US	UMTRA	Uranium Mill Tailings Sites	Department of Energy	05/15/2025	05/15/2025	07/29/2025
US	ODI	Open Dump Inventory	Environmental Protection Agency	06/30/1985	08/09/2004	09/17/2004
US	US MINES	Mines Master Index File	Department of Labor, Mine Safety and Health A	08/08/2025	08/18/2025	11/12/2025
US	MINES VIOLATIONS	MSHA Violation Assessment Data	DOL, Mine Safety & Health Admi	01/01/2026	01/06/2026	01/07/2026
US	US MINES 2	Ferrous and Nonferrous Metal Mines Database Listing	USGS	04/08/2025	05/20/2025	08/12/2025
US	US MINES 3	Active Mines & Mineral Plants Database Listing	USGS	04/14/2011	06/08/2011	09/13/2011
US	PRP	Potentially Responsible Parties	EPA	06/26/2025	07/01/2025	07/29/2025
US	TRIS	Toxic Chemical Release Inventory System	EPA	12/31/2023	08/11/2025	11/10/2025
US	TSCA	Toxic Substances Control Act	EPA	12/31/2020	06/14/2022	03/24/2023
US	FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA/Office of Prevention, Pesticides and Toxi	04/09/2009	04/16/2009	05/11/2009
US	FTTS INSP	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA	04/09/2009	04/16/2009	05/11/2009
US	HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	HIST FTTS INSP	FIFRA/TSCA Tracking System Inspection & Enforcement Case Lis	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	SSTS	Section 7 Tracking Systems	EPA	10/13/2025	10/14/2025	01/07/2026
US	ICIS	Integrated Compliance Information System	Environmental Protection Agency	11/18/2016	11/23/2016	02/10/2017
US	PADS	PCB Activity Database System	EPA	08/12/2025	09/30/2025	11/24/2025
US	MLTS	Material Licensing Tracking System	Nuclear Regulatory Commission	08/11/2025	08/12/2025	11/04/2025
US	RADINFO	Radiation Information Database	Environmental Protection Agency	07/01/2019	07/01/2019	09/23/2019
US	FINDS	Facility Index System/Facility Registry System	EPA	09/04/2025	10/01/2025	11/18/2025
US	RAATS	RCRA Administrative Action Tracking System	EPA	04/17/1995	07/03/1995	08/07/1995
US	RMP	Risk Management Plans	Environmental Protection Agency	07/01/2025	07/29/2025	10/28/2025
US	BRS	Biennial Reporting System	EPA/NTIS	12/31/2023	02/19/2025	03/07/2025
US	PWS	Public Water System Data	EPA	12/17/2013	01/09/2014	10/15/2014
US	INDIAN RESERV	Indian Reservations	USGS	12/31/2014	07/14/2015	01/10/2017
US	INDIAN ODI	Report on the Status of Open Dumps on Indian Lands	Environmental Protection Agency	12/31/1998	12/03/2007	01/24/2008
US	IHS OPEN DUMPS	Open Dumps on Indian Land	Department of Health & Human Serivces, Indian	02/07/2024	11/13/2024	11/19/2024
US	ABANDONED MINES	Abandoned Mines	Department of Interior	09/10/2025	09/10/2025	11/12/2025

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
IL	AIRS	Air Inventory Listing	Illinois EPA	03/07/2025	04/17/2025	07/02/2025
IL	ASBESTOS	Asbestos Notification Tracker Information	Illinois EPA	05/23/2025	07/16/2025	10/06/2025
IL	BOL	Bureau of Land Inventory Database	Illinois Environmental Protection Agency	10/16/2023	04/23/2024	07/16/2024
IL	CDL	Meth Drug Lab Site Listing	Department of Public Health	07/08/2025	07/09/2025	10/01/2025
IL	COAL ASH	Coal Ash Site Listing	Illinois EPA	10/01/2011	03/09/2012	04/10/2012
IL	DRYCLEANERS	Illinois Licensed Drycleaners	Drycleaner Environmental Response Trust Fund	07/16/2025	08/07/2025	10/29/2025
IL	PFAS	PFAS Sampling Listing	Illinois Environmental Protection Agency	12/15/2023	12/27/2023	12/29/2023
IL	FIN ASSURANCE	Financial Assurance Information Listing	Illinois Environmental Protection Agency	05/22/2025	09/23/2025	12/15/2025
IL	HWAR	Hazard Waste Annual Report	Illinois EPA	12/31/2019	05/11/2021	08/02/2021
IL	IMPDMENT	Surface Impoundment Inventory	Illinois Waste Management & Research Center	12/31/1980	03/08/2002	06/03/2002
IL	NPDES	A Listing of Active Permits	Illinois EPA	04/16/2014	04/18/2014	05/20/2014
IL	PIMW	Potentially Infectious Medical Waste	Illinois EPA	09/05/2025	09/09/2025	12/01/2025
IL	SPILLS	State spills	Illinois EPA	07/10/2025	07/16/2025	10/06/2025
IL	IEMA SPILLS	Illinois Emergency Management Agency Spills	Illinois Emergency Management Agency	10/20/2025	10/21/2025	01/08/2026
IL	SPILLS 90	SPILLS90 data from FirstSearch	FirstSearch	07/18/2012	01/03/2013	03/15/2013
IL	TIER 2	Tier 2 Information Listing	Illinois Emergency Management Agency	12/31/2024	05/06/2025	07/30/2025
IL	UIC	Underground Injection Wells	Illinois EPA	02/15/2024	05/22/2024	08/19/2024
US	PFAS WQP	Ambient Environmental Sampling for PFAS	Environmental Protection Agency	12/17/2025	12/18/2025	01/07/2026
US	PFAS ECHO FIRE TRAIN	Facilities in Industries that May Be Handling PFAS Listing	Environmental Protection Agency	12/17/2025	12/18/2025	12/23/2025
US	PFAS PROJECT	NORTHEASTERN UNIVERSITY PFAS PROJECT	Social Science Environmental Health Research	05/15/2024	03/06/2025	06/03/2025
US	BIOSOLIDS	ICIS-NPDES Biosolids Facility Data	Environmental Protection Agency	09/27/2025	10/11/2025	01/07/2026
US	ECHO	Enforcement & Compliance History Information	Environmental Protection Agency	09/20/2025	09/26/2025	11/24/2025
US	AQUEOUS FOAM NRC	Aqueous Foam Related Incidents Listing	Environmental Protection Agency	09/25/2025	09/26/2025	11/24/2025
US	FEDERAL FACILITY	Federal Facility Site Information listing	Environmental Protection Agency	09/22/2025	09/23/2025	11/18/2025
US	PFAS PT 139 AIRPORT	All Certified Part 139 Airports PFAS Information Listing	Environmental Protection Agency	12/17/2025	12/18/2025	12/23/2025
US	PCS	Permit Compliance System	EPA, Office of Water	12/16/2016	01/06/2017	03/10/2017
US	UST FINDER RELEASE	UST Finder Releases Database	Environmental Protecton Agency	06/08/2023	10/31/2023	01/18/2024
US	UST FINDER	UST Finder Database	Environmental Protection Agency	06/08/2023	10/04/2023	01/18/2024
US	PFAS TSCA	PFAS Manufacture and Imports Information	Environmental Protection Agency	12/17/2025	12/18/2025	12/23/2025
US	PFAS TRIS	List of PFAS Added to the TRI	Environmental Protection Agency	12/17/2025	12/18/2025	12/23/2025
US	PFAS RCRA MANIFEST	PFAS Transfers Identified In the RCRA Database Listing	Environmental Protection Agency	12/17/2025	12/18/2025	12/23/2025
US	PFAS NPL	Superfund Sites with PFAS Detections Information	Environmental Protection Agency	12/17/2025	12/18/2025	12/23/2025
US	PFAS FEDERAL SITES	Federal Sites PFAS Information	Environmental Protection Agency	12/17/2025	12/18/2025	12/23/2025
US	PFAS NPDES	Clean Water Act Discharge Monitoring Information	Environmental Protection Agency	12/17/2025	12/19/2025	12/23/2025
US	PFAS ATSDR	PFAS Contamination Site Location Listing	Department of Health & Human Services	11/12/2024	07/21/2025	10/13/2025
US	UXO	Unexploded Ordnance Sites	Department of Defense	07/31/2025	08/14/2025	11/04/2025
US	MINES MRDS	Mineral Resources Data System	USGS	06/04/2024	11/22/2024	02/18/2025
US	FUELS PROGRAM	EPA Fuels Program Registered Listing	EPA	08/07/2025	08/07/2025	11/04/2025
US	E MANIFEST	Hazardous Waste Electronic Manifest System	Environmental Protection Agency	11/30/2025	12/05/2025	12/19/2025
US	DOCKET HWC	Hazardous Waste Compliance Docket Listing	Environmental Protection Agency	05/06/2021	05/21/2021	08/11/2021
US	PFAS ECHO	Facilities in Industries that May Be Handling PFAS Listing	Environmental Protection Agency	12/17/2025	12/18/2025	12/23/2025

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
HISTORICAL USE RECORDS						
US	EDR MGP	EDR Proprietary Manufactured Gas Plants	EDR, Inc.			
US	EDR Hist Auto	EDR Exclusive Historical Auto Stations	EDR, Inc.			
US	EDR Hist Cleaner	EDR Exclusive Historical Cleaners	EDR, Inc.			
IL	RGA HWS	Recovered Government Archive State Hazardous Waste Facilitie	Department of Natural Resources		07/01/2013	12/30/2013
IL	RGA LF	Recovered Government Archive Solid Waste Facilities List	Illinois Environmental Protection Agency		07/01/2013	01/10/2014
IL	RGA LUST	Recovered Government Archive Leaking Underground Storage Tan	Illinois Environmental Protection Agency		07/01/2013	12/30/2013
COUNTY RECORDS						
IL	CHICAGO ASBESTOS	CDPH Asbestos and Demolition Notification Listing	Chicago Department of Public Health	09/08/2025	09/08/2025	12/01/2025
IL	CHICAGO COMPLAINTS	CDPH Environmental Complaints Listing	Chicago Department of Public Health	09/08/2025	09/08/2025	12/01/2025
IL	CHICAGO ENF	CDPH Environmental Enforcement Listing	Chicago Department of Public Health	09/05/2025	09/08/2025	12/01/2025
IL	CHICAGO INSPECT	CDPH Environmental Inspections Listing	Chicago Department of Public Health	09/08/2025	09/08/2025	12/01/2025
IL	CHICAGO PERMITS	CDPH Environmental Permits Listing	Chicago Department of Public Health	09/06/2025	09/08/2025	12/01/2025
IL	CHICAGO TANKS	CDPH Storage Tanks Listing	Department of Public Health	03/31/2025	06/10/2025	09/03/2025

STREET AND ADDRESS INFORMATION

© 2015 TomTom North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

APPENDIX B

Analytical Tables

TABLE 1a
Soil Analytical Results
VOCs Compared to TACO Tier I and SCGW SROs

	RESIDENTIAL		SCGW	Sample	B-1-0506	B-1-1213	B-2-1314	B-3-0304	B-3-1112	B-5-0506
				Date	1/15/2026	1/15/2026	1/15/2026	1/14/2026	1/14/2026	1/15/2026
	Ingestion	*Inhalation*	*Class I*	**Depth (ft)**	5' - 6'	12' - 13'	13' - 14'	3' - 4'	11' - 12'	6' - 7'
VOCs										
Acetone	70,000	100,000	25		<0.0805	<0.0691	<0.0657	<0.0874	<0.0673	<0.0849
Benzene	12	0.8	0.03		<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Bromodichloromethane	10	3,000	0.6		<0.00230	<0.00197	<0.00188	<0.00250	<0.00192	<0.00242
Bromoform	81	53	0.8		<0.00460	<0.00395	<0.00375	<0.00500	<0.00385	<0.00485
Bromomethane	110	10	0.2		<0.0230	<0.0197	<0.0188	<0.0250	<0.0192	<0.0242
2-Butanone (Methyl Ethyl Ketone)	NC	NC	NC		<0.0322	<0.0276	<0.0263	<0.0350	<0.0269	<0.0339
Carbon disulfide	7,800	720	32		<0.00460	<0.00395	<0.00375	<0.00500	<0.00385	<0.00485
Carbon tetrachloride	5	0.3	0.07		<0.0230	<0.0197	<0.0188	<0.0250	<0.0192	<0.0242
Chlorobenzene	1,600	130	1		<0.00460	<0.00395	<0.00375	<0.00500	<0.00385	<0.00485
Chloroethane	NC	NC	NC		<0.00920	<0.00790	<0.00751	<0.00999	<0.00769	<0.00970
Chloroform	100	0.3	0.6		<0.00460	<0.00395	<0.00375	<0.00500	<0.00385	<0.00485
Chloromethane	NC	NC	NC		<0.00920	<0.00790	<0.00751	<0.00999	<0.00769	<0.00970
Dibromochloromethane	1,600	1,300	0.4		<0.00230	<0.00197	<0.00188	<0.00250	<0.00192	<0.00242
1,1-Dichloroethane	7,800	1,300	23		<0.00460	<0.00395	<0.00375	<0.00500	<0.00385	<0.00485
1,2-Dichloroethane	7	0.4	0.02		<0.00230	<0.00197	<0.00188	<0.00250	<0.00192	<0.00242
1,1-Dichloroethene	3,900	290	0.06		<0.00230	<0.00197	<0.00188	<0.00250	<0.00192	<0.00242
cis-1,2-Dichloroethene	780	1,200	0.4		<0.00460	<0.00395	<0.00375	<0.00500	<0.00385	<0.00485
trans-1,2-Dichloroethene	1,600	3,100	0.7		<0.00460	<0.00395	<0.00375	<0.00500	<0.00385	<0.00485
1,2-Dichloropropane	9	15	0.03		<0.00230	<0.00197	<0.00188	<0.00250	<0.00192	<0.00242
cis-1,3-Dichloropropene	6.4	1.1	0.004		<0.00400	<0.00395	<0.00375	<0.00400	<0.00385	<0.00400
trans-1,3-Dichloropropene	6.4	1.1	0.004		<0.00400	<0.00395	<0.00375	<0.00400	<0.00385	<0.00400
Ethylbenzene	7,800	400	13		<0.00920	<0.00790	<0.00751	<0.00999	<0.00769	<0.00970
2-Hexanone	NC	NC	NC		<0.0322	<0.0276	<0.0263	<0.0350	<0.0269	<0.0339
4-Methyl-2-pentanone	NC	NC	NC		<0.0322	<0.0276	<0.0263	<0.0350	<0.0269	<0.0339
Methylene chloride	85	13	0.02		<0.0200	<0.0197	<0.0188	<0.0200	<0.0192	<0.0200
Methyl tert-butyl ether	780	8,800	0.32		<0.00230	<0.00197	<0.00188	<0.00250	<0.00192	<0.00242
Styrene	16,000	1,500	4		<0.00920	<0.00790	<0.00751	<0.00999	<0.00769	<0.00970
1,1,2,2-Tetrachloroethane	NC	NC	NC		<0.00230	<0.00197	<0.00188	<0.00250	<0.00192	<0.00242
Tetrachloroethene	12	11	0.06		<0.00460	<0.00395	<0.00375	<0.00500	<0.00385	<0.00485
Toluene	16,000	650	12		<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
1,1,1-Trichloroethane	NC	1,200	2		<0.00230	<0.00197	<0.00188	<0.00250	<0.00192	<0.00242
1,1,2-Trichloroethane	310	1,800	0.02		<0.00230	<0.00197	<0.00188	<0.00250	<0.00192	<0.00242
Trichloroethene	58	5	0.06		<0.00230	<0.00197	<0.00188	<0.00250	<0.00192	<0.00242
Vinyl chloride	0.46	0.28	0.01		<0.00460	<0.00395	<0.00375	<0.00500	<0.00385	<0.00485
Xylenes, Total	16,000	320	150		<0.0138	<0.0118	<0.0113	<0.0150	<0.0115	<0.0145

NOTES

1. All results expressed in milligrams per kilogram (mg/kg)
2. NC = No toxicity criteria for this exposure route
3. NA = Not Analyzed
4. SCGW = Soil Component of the Groundwater

Sample result above TACO Residential Ingestion and/or Inhalation. Sample may also exceed SCGW.

Sample result above TACO SCGW Class I Ingestion Exposure Route screening criteria. Does not exceed TACO Residential.

TABLE 1a
Soil Analytical Results
VOCs Compared to TACO Tier I and SCGW SROs

	RESIDENTIAL		SCGW	Sample	B-5-0506	B-5-1415	B-6-0607	B-6-0910	B-7-0809	B-8-0607
				Date	1/16/2026	1/16/2026	1/15/2026	1/15/2026	1/16/2026	1/16/2026
	Ingestion	*Inhalation*	*Class I*	Depth (ft)	5' - 6'	14' - 15'	6' - 7'	9' - 10'	8' - 9'	6' - 7'
VOCs										
Acetone	70,000	100,000	25		<0.0822	<0.0756	<0.0562	<0.0646	<0.0611	<0.0713
Benzene	12	0.8	0.03		<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Bromodichloromethane	10	3,000	0.6		<0.00235	<0.00216	<0.00161	<0.00185	<0.00174	<0.00204
Bromoform	81	53	0.8		<0.00470	<0.00432	<0.00321	<0.00369	<0.00349	<0.00407
Bromomethane	110	10	0.2		<0.0235	<0.0216	<0.0161	<0.0185	<0.0174	<0.0204
2-Butanone (Methyl Ethyl Ketone)	NC	NC	NC		<0.0329	<0.0302	<0.0225	<0.0258	<0.0244	<0.0285
Carbon disulfide	7,800	720	32		<0.00470	<0.00432	<0.00321	<0.00369	<0.00349	<0.00407
Carbon tetrachloride	5	0.3	0.07		<0.0235	<0.0216	<0.0161	<0.0185	<0.0174	<0.0204
Chlorobenzene	1,600	130	1		<0.00470	<0.00432	<0.00321	<0.00369	<0.00349	<0.00407
Chloroethane	NC	NC	NC		<0.00940	<0.00864	<0.00643	<0.00738	<0.00698	<0.00815
Chloroform	100	0.3	0.6		<0.00470	<0.00432	<0.00321	<0.00369	<0.00349	<0.00407
Chloromethane	NC	NC	NC		<0.00940	<0.00864	<0.00643	<0.00738	<0.00698	<0.00815
Dibromochloromethane	1,600	1,300	0.4		<0.00235	<0.00216	<0.00161	<0.00185	<0.00174	<0.00204
1,1-Dichloroethane	7,800	1,300	23		<0.00470	<0.00432	<0.00321	<0.00369	<0.00349	<0.00407
1,2-Dichloroethane	7	0.4	0.02		<0.00235	<0.00216	<0.00161	<0.00185	<0.00174	<0.00204
1,1-Dichloroethene	3,900	290	0.06		<0.00235	<0.00216	<0.00161	<0.00185	<0.00174	<0.00204
cis-1,2-Dichloroethene	780	1,200	0.4		<0.00470	<0.00432	<0.00321	<0.00369	<0.00349	<0.00407
trans-1,2-Dichloroethene	1,600	3,100	0.7		<0.00470	<0.00432	<0.00321	<0.00369	<0.00349	<0.00407
1,2-Dichloropropane	9	15	0.03		<0.00235	<0.00216	<0.00161	<0.00185	<0.00174	<0.00204
cis-1,3-Dichloropropene	6.4	1.1	0.004		<0.00400	<0.00400	<0.00321	<0.00369	<0.00349	<0.00400
trans-1,3-Dichloropropene	6.4	1.1	0.004		<0.00400	<0.00400	<0.00321	<0.00369	<0.00349	<0.00400
Ethylbenzene	7,800	400	13		<0.00940	<0.00864	<0.00643	<0.00738	<0.00698	<0.00815
2-Hexanone	NC	NC	NC		<0.0329	<0.0302	<0.0225	<0.0258	<0.0244	<0.0285
4-Methyl-2-pentanone	NC	NC	NC		<0.0329	<0.0302	<0.0225	<0.0258	<0.0244	<0.0285
Methylene chloride	85	13	0.02		<0.0200	<0.0200	<0.0161	<0.0185	<0.0174	<0.0200
Methyl tert-butyl ether	780	8,800	0.32		<0.00235	<0.00216	<0.00161	<0.00185	<0.00174	<0.00204
Styrene	16,000	1,500	4		<0.00940	<0.00864	<0.00643	<0.00738	<0.00698	<0.00815
1,1,2,2-Tetrachloroethane	NC	NC	NC		<0.00235	<0.00216	<0.00161	<0.00185	<0.00174	<0.00204
Tetrachloroethene	12	11	0.06		<0.00470	<0.00432	<0.00321	<0.00369	<0.00349	<0.00407
Toluene	16,000	650	12		<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
1,1,1-Trichloroethane	NC	1,200	2		<0.00235	<0.00216	<0.00161	<0.00185	<0.00174	<0.00204
1,1,2-Trichloroethane	310	1,800	0.02		<0.00235	<0.00216	<0.00161	<0.00185	<0.00174	<0.00204
Trichloroethene	58	5	0.06		<0.00235	<0.00216	<0.00161	<0.00185	<0.00174	<0.00204
Vinyl chloride	0.46	0.28	0.01		<0.00470	<0.00432	<0.00321	<0.00369	<0.00349	<0.00407
Xylenes, Total	16,000	320	150		<0.0141	<0.0130	<0.00964	<0.0111	<0.0105	<0.0122

NOTES

1. All results expressed in milligrams per kilogram (mg/kg)
2. NC = No toxicity criteria for this exposure route
3. NA = Not Analyzed
4. SCGW = Soil Component of the Groundwater

Sample result above TACO Residential Ingestion and/or Inhalation. Sample may also exceed SCGW.

Sample result above TACO SCGW Class I Ingestion Exposure Route screening criteria. Does not exceed TACO Residential.

TABLE 1a
Soil Analytical Results
VOCs Compared to TACO Tier I and SCGW SROs

	RESIDENTIAL		SCGW	Sample	B-8-1112	B-9-0809	B-10-0607	B-10-1112
				Date	1/16/2026	1/15/2026	1/15/2026	1/15/2026
	Ingestion	*Inhalation*	*Class I*	**Depth (ft)**	11' - 12'	8' - 9'	6' - 7'	11' - 12'
VOCs								
Acetone	70,000	100,000	25		<0.0607	<0.0632	<0.0611	<0.0610
Benzene	12	0.8	0.03		<0.00500	<0.00500	<0.00500	<0.00500
Bromodichloromethane	10	3,000	0.6		<0.00174	<0.00181	<0.00175	<0.00174
Bromoform	81	53	0.8		<0.00347	<0.00361	<0.00349	<0.00348
Bromomethane	110	10	0.2		<0.0174	<0.0181	<0.0175	<0.0174
2-Butanone (Methyl Ethyl Ketone)	NC	NC	NC		<0.0243	<0.0253	<0.0245	<0.0244
Carbon disulfide	7,800	720	32		<0.00347	<0.00361	<0.00349	<0.00348
Carbon tetrachloride	5	0.3	0.07		<0.0174	<0.0181	<0.0175	<0.0174
Chlorobenzene	1,600	130	1		<0.00347	<0.00361	<0.00349	<0.00348
Chloroethane	NC	NC	NC		<0.00694	<0.00722	<0.00699	<0.00697
Chloroform	100	0.3	0.6		<0.00347	<0.00361	<0.00349	<0.00348
Chloromethane	NC	NC	NC		<0.00694	<0.00722	<0.00699	<0.00697
Dibromochloromethane	1,600	1,300	0.4		<0.00174	<0.00181	<0.00175	<0.00174
1,1-Dichloroethane	7,800	1,300	23		<0.00347	<0.00361	<0.00349	<0.00348
1,2-Dichloroethane	7	0.4	0.02		<0.00174	<0.00181	<0.00175	<0.00174
1,1-Dichloroethene	3,900	290	0.06		<0.00174	<0.00181	<0.00175	<0.00174
cis-1,2-Dichloroethene	780	1,200	0.4		<0.00347	<0.00361	<0.00349	<0.00348
trans-1,2-Dichloroethene	1,600	3,100	0.7		<0.00347	<0.00361	<0.00349	<0.00348
1,2-Dichloropropane	9	15	0.03		<0.00174	<0.00181	<0.00175	<0.00174
cis-1,3-Dichloropropene	6.4	1.1	0.004		<0.00347	<0.00361	<0.00349	<0.00348
trans-1,3-Dichloropropene	6.4	1.1	0.004		<0.00347	<0.00361	<0.00349	<0.00348
Ethylbenzene	7,800	400	13		<0.00694	<0.00722	<0.00699	<0.00697
2-Hexanone	NC	NC	NC		<0.0243	<0.0253	<0.0245	<0.0244
4-Methyl-2-pentanone	NC	NC	NC		<0.0243	<0.0253	<0.0245	<0.0244
Methylene chloride	85	13	0.02		<0.0174	<0.0181	<0.0175	<0.0174
Methyl tert-butyl ether	780	8,800	0.32		<0.00174	<0.00181	<0.00175	<0.00174
Styrene	16,000	1,500	4		<0.00694	<0.00722	<0.00699	<0.00697
1,1,2,2-Tetrachloroethane	NC	NC	NC		<0.00174	<0.00181	<0.00175	<0.00174
Tetrachloroethene	12	11	0.06		<0.00347	<0.00361	<0.00349	<0.00348
Toluene	16,000	650	12		<0.00500	<0.00500	<0.00500	<0.00500
1,1,1-Trichloroethane	NC	1,200	2		<0.00174	<0.00181	<0.00175	<0.00174
1,1,2-Trichloroethane	310	1,800	0.02		<0.00174	<0.00181	<0.00175	<0.00174
Trichloroethene	58	5	0.06		<0.00174	<0.00181	<0.00175	<0.00174
Vinyl chloride	0.46	0.28	0.01		<0.00347	<0.00361	<0.00349	<0.00348
Xylenes, Total	16,000	320	150		<0.0104	<0.0108	<0.0105	<0.0104

NOTES

1. All results expressed in milligrams per kilogram (mg/kg)
2. NC = No toxicity criteria for this exposure route
3. NA = Not Analyzed
4. SCGW = Soil Component of the Groundwater

Sample result above TACO Residential Ingestion and/or Inhalation. Sample may also exceed SCGW.

Sample result above TACO SCGW Class I Ingestion Exposure Route screening criteria. Does not exceed TACO Residential.

TABLE 1b
Soil Analytical Results
SVOCs Compared to TACO Tier I and SCGW SROs

	RESIDENTIAL		SCGW	Sample	B-1-0506	B-1-1213	B-2-1314
				Date	1/15/2026	1/15/2026	1/15/2026
	Ingestion	*Inhalation*	*Class I*	**Depth (ft)**	5' - 6'	12' - 13'	13' - 14'
SVOCs							
Aniline	NC	NC	NC		<0.180	<0.185	<0.632
Benzidine	NC	NC	NC		<3.00	<3.08	<10.5
Benzoic acid	310,000	NC	400 to 440*		<1.44	<1.48	<5.06
Benzyl alcohol	NC	NC	NC		<0.0270	<0.0277	<0.0948
Bis(2-chloroethoxy)methane	NC	NC	NC		<0.0180	<0.0185	<0.0632
Bis(2-chloroethyl)ether	0.6	0.2	0.0004		<0.00900	<0.00924	<0.0316
Bis(2-ethylhexyl)phthalate	46	31,000	3,600		<0.180	<0.185	<0.632
4-Bromophenyl phenyl ether	NC	NC	NC		<0.0270	<0.0277	<0.0948
Butyl benzyl phthalate	16,000	930	930		<0.0540	<0.0554	<0.190
Carbazole	32	NC	0.6		0.0354	<0.0185	0.0685
4-Chloroaniline	310	NC	0.7		<0.0270	<0.0277	<0.0948
4-Chloro-3-methylphenol	NC	NC	NC		<0.0180	<0.0185	<0.0632
2-Chloronaphthalene	NC	NC	NC		<0.0180	<0.0185	<0.0632
2-Chlorophenol	390	53,000	1.5 to 4*		<0.0180	<0.0185	<0.0632
4-Chlorophenyl phenyl ether	NC	NC	NC		<0.0270	<0.0277	<0.0948
Dibenzofuran	NC	NC	NC		<0.720	<0.739	<2.53
1,2-Dichlorobenzene	7,000	560	17		0.0321	<0.0277	<0.0948
1,3-Dichlorobenzene	NC	NC	NC		<0.0270	<0.0277	<0.0948
1,4-Dichlorobenzene	NC	11,000	2		<0.0270	<0.0277	<0.0948
3,3´-Dichlorobenzidine	1	NC	0.007		<0.0270	<0.0277	<0.0948
2,4-Dichlorophenol	230	NC	0.48 to 1*		<0.108	<0.111	<0.379
Diethyl phthalate	63,000	2,000	470		<0.0180	<0.0185	<0.0632
2,4-Dimethylphenol	1,600	NC	9		<0.180	<0.185	<0.632
Dimethyl phthalate	NC	NC	NC		<0.0180	<0.0185	<0.0632
4,6-Dinitro-2-methylphenol	NC	NC	NC		<0.0540	<0.0554	<0.190
2,4-Dinitrophenol	160	NC	0.2		<0.0540	<0.0554	<0.190
2,4-Dinitrotoluene	0.9	NC	0.0008		<0.720	<0.739	<2.53
2,6-Dinitrotoluene	0.9	NC	0.0007		<0.180	<0.185	<0.632
Di-n-butyl phthalate	7,800	2,300	2,300		<0.0270	<0.0277	<0.0948
Di-n-octyl phthalate	1,600	10,000	10,000		<0.0180	<0.0185	<0.0632
Hexachlorobenzene	0.4	1	2		<0.0270	<0.0277	<0.0948
Hexachlorobutadiene	NC	NC	NC		<0.0180	<0.0185	<0.0632
Hexachlorocyclopentadiene	550	10	400		<0.0360	<0.0370	<0.126
Hexachloroethane	78	NC	0.5		<0.720	<0.739	<2.53
Isophorone	15,600	4,600	8		<0.0360	<0.0370	<0.126
2-Methylnaphthalene	NC	NC	NC		<0.0270	<0.0277	<0.0948
2-Methylphenol	3,900	NC	15		0.03	<0.0277	<0.0948
4-Methylphenol	NC	NC	NC		<0.00900	<0.00924	<0.0316
2-Nitroaniline	NC	NC	NC		<0.0360	<0.0370	<0.126
3-Nitroaniline	NC	NC	NC		<0.0270	<0.0277	<0.0948
4-Nitroaniline	NC	NC	NC		<0.0270	<0.0277	<0.0948
2-Nitrophenol	NC	NC	NC		<0.0360	<0.0370	<0.126
4-Nitrophenol	NC	NC	NC		<0.0360	<0.0370	<0.126
Nitrobenzene	39	92	0.1		<0.0270	<0.0277	<0.0948
N-Nitrosodi-n-propylamine	0.09	NC	0.00005		<0.720	<0.739	<2.53
N-Nitrosodimethylamine	NC	NC	NC		<0.0360	<0.0370	<0.126
N-Nitrosodiphenylamine	130	NC	1		<0.00844	<0.00867	<0.0296
2, 2'-oxybis(1-Chloropropane)	NC	NC	NC		<0.0270	<0.0277	<0.0948
Pentachlorophenol	3	NC	0.02 to 0.54*		<0.0250	<0.0257	<0.0879
Phenol	23,000	NC	100		<0.0360	<0.0370	<0.126
Pyridine	NC	NC	NC		<0.720	<0.739	<2.53
1,2,4-Trichlorobenzene	780	3,200	5		<0.0270	<0.0277	<0.0948
2,4,5-Trichlorophenol	7,800	NC	26 to 400*		<0.0180	<0.0185	<0.0632
2,4,6-Trichlorophenol	58	200	0.07 to 0.37*		<0.0180	<0.0185	<0.0632

NOTES

1. All results expressed in milligrams per kilogram (mg/kg)
2. NC = No toxicity criteria for this exposure route
3. NA = Not Analyzed
4. * = Appendix B, Table C, pH specific SROs
5. SCGW = Soil Component of the Groundwater

Sample result above TACO Residential Ingestion and/or Inhalation. Sample may also exceed SCGW.

Sample result above TACO SCGW Class I Ingestion Exposure Route screening criteria. Does not exceed TACO Residential.

TABLE 1b
Soil Analytical Results
SVOCs Compared to TACO Tier I and SCGW SROs

	RESIDENTIAL		SCGW	Sample	B-3-0304	B-3-1112	B-4-0607
				Date	1/14/2026	1/14/2026	1/15/2026
	Ingestion	*Inhalation*	*Class I*	Depth (ft)	3' - 4'	11' - 12'	6' - 7'
SVOCs							
Aniline	NC	NC	NC		<0.717	<0.186	<0.742
Benzidine	NC	NC	NC		<11.9	<3.10	<12.4
Benzoic acid	310,000	NC	400 to 440*		<5.74	<1.49	<5.94
Benzyl alcohol	NC	NC	NC		<0.108	<0.0279	<0.111
Bis(2-chloroethoxy)methane	NC	NC	NC		<0.0717	<0.0186	<0.0742
Bis(2-chloroethyl)ether	0.6	0.2	0.0004		<0.0359	<0.00931	<0.0371
Bis(2-ethylhexyl)phthalate	46	31,000	3,600		<0.717	<0.186	<0.742
4-Bromophenyl phenyl ether	NC	NC	NC		<0.108	<0.0279	<0.111
Butyl benzyl phthalate	16,000	930	930		<0.215	<0.0558	<0.223
Carbazole	32	NC	0.6		<0.0717	<0.0186	<0.0742
4-Chloroaniline	310	NC	0.7		<0.108	<0.0279	<0.111
4-Chloro-3-methylphenol	NC	NC	NC		<0.0717	<0.0186	<0.0742
2-Chloronaphthalene	NC	NC	NC		<0.0717	<0.0186	<0.0742
2-Chlorophenol	390	53,000	1.5 to 4*		<0.0717	<0.0186	<0.0742
4-Chlorophenyl phenyl ether	NC	NC	NC		<0.108	<0.0279	<0.111
Dibenzofuran	NC	NC	NC		<2.87	<0.744	<2.97
1,2-Dichlorobenzene	7,000	560	17		<0.108	<0.0279	<0.111
1,3-Dichlorobenzene	NC	NC	NC		<0.108	<0.0279	<0.111
1,4-Dichlorobenzene	NC	11,000	2		<0.108	<0.0279	<0.111
3,3´-Dichlorobenzidine	1	NC	0.007		<0.108	<0.0279	<0.111
2,4-Dichlorophenol	230	NC	0.48 to 1*		<0.430	<0.112	<0.445
Diethyl phthalate	63,000	2,000	470		<0.0717	<0.0186	<0.0742
2,4-Dimethylphenol	1,600	NC	9		<0.717	<0.186	<0.742
Dimethyl phthalate	NC	NC	NC		<0.0717	<0.0186	<0.0742
4,6-Dinitro-2-methylphenol	NC	NC	NC		<0.215	<0.0558	<0.223
2,4-Dinitrophenol	160	NC	0.2		<0.215	<0.0558	<0.223
2,4-Dinitrotoluene	0.9	NC	0.0008		<2.87	<0.744	<2.97
2,6-Dinitrotoluene	0.9	NC	0.0007		<0.717	<0.186	<0.742
Di-n-butyl phthalate	7,800	2,300	2,300		<0.108	<0.0279	<0.111
Di-n-octyl phthalate	1,600	10,000	10,000		<0.0717	<0.0186	<0.0742
Hexachlorobenzene	0.4	1	2		<0.108	<0.0279	<0.111
Hexachlorobutadiene	NC	NC	NC		<0.0717	<0.0186	<0.0742
Hexachlorocyclopentadiene	550	10	400		<0.143	<0.0372	<0.148
Hexachloroethane	78	NC	0.5		<2.87	<0.744	<2.97
Isophorone	15,600	4,600	8		<0.143	<0.0372	<0.148
2-Methylnaphthalene	NC	NC	NC		<0.108	<0.0279	<0.111
2-Methylphenol	3,900	NC	15		<0.108	0.0416	<0.111
4-Methylphenol	NC	NC	NC		<0.0359	<0.00931	<0.0371
2-Nitroaniline	NC	NC	NC		<0.143	<0.0372	<0.148
3-Nitroaniline	NC	NC	NC		<0.108	<0.0279	<0.111
4-Nitroaniline	NC	NC	NC		<0.108	<0.0279	<0.111
2-Nitrophenol	NC	NC	NC		<0.143	<0.0372	<0.148
4-Nitrophenol	NC	NC	NC		<0.100	<0.0372	<0.148
Nitrobenzene	39	92	0.1		<0.108	<0.0279	<0.111
N-Nitrosodi-n-propylamine	0.09	NC	0.00005		<2.87	<0.744	<2.97
N-Nitrosodimethylamine	NC	NC	NC		<0.143	<0.0372	<0.148
N-Nitrosodiphenylamine	130	NC	1		<0.0336	<0.00873	<0.0348
2, 2'-oxybis(1-Chloropropane)	NC	NC	NC		<0.108	<0.0279	<0.111
Pentachlorophenol	3	NC	0.02 to 0.54*		<0.0997	<0.0259	<0.103
Phenol	23,000	NC	100		<0.143	<0.0372	<0.148
Pyridine	NC	NC	NC		<2.87	<0.744	<2.97
1,2,4-Trichlorobenzene	780	3,200	5		<0.108	<0.0279	<0.111
2,4,5-Trichlorophenol	7,800	NC	26 to 400*		<0.0717	<0.0186	<0.0742
2,4,6-Trichlorophenol	58	200	0.07 to 0.37*		<0.0717	<0.0186	<0.0742

NOTES

1. All results expressed in milligrams per kilogram (mg/kg)
2. NC = No toxicity criteria for this exposure route
3. NA = Not Analyzed
4. * = Appendix B, Table C, pH specific SROs
5. SCGW = Soil Component of the Groundwater

Sample result above TACO Residential Ingestion and/or Inhalation. Sample may also exceed SCGW.

Sample result above TACO SCGW Class I Ingestion Exposure Route screening criteria. Does not exceed TACO Residential.

TABLE 1b
Soil Analytical Results
SVOCs Compared to TACO Tier I and SCGW SROs

	RESIDENTIAL		SCGW	Sample	B-5-0506	B-5-1415	B-6-0607
				Date	1/16/2026	1/16/2026	1/15/2026
	Ingestion	*Inhalation*	*Class I*	**Depth (ft)**	5' - 6'	14' - 15'	6' - 7'
SVOCs							
Aniline	NC	NC	NC		<0.790	<0.188	<0.157
Benzidine	NC	NC	NC		<13.2	<3.13	<2.61
Benzoic acid	310,000	NC	400 to 440*		<6.32	<1.50	<1.25
Benzyl alcohol	NC	NC	NC		<0.119	<0.0282	<0.0235
Bis(2-chloroethoxy)methane	NC	NC	NC		<0.0790	<0.0188	<0.0157
Bis(2-chloroethyl)ether	0.6	0.2	0.0004		<0.0395	<0.00939	<0.00784
Bis(2-ethylhexyl)phthalate	46	31,000	3,600		<0.790	<0.188	<0.157
4-Bromophenyl phenyl ether	NC	NC	NC		<0.119	<0.0282	<0.0235
Butyl benzyl phthalate	16,000	930	930		<0.237	<0.0563	<0.0470
Carbazole	32	NC	0.6		0.304	0.0788	<0.0157
4-Chloroaniline	310	NC	0.7		<0.119	<0.0282	<0.0235
4-Chloro-3-methylphenol	NC	NC	NC		<0.0790	<0.0188	<0.0157
2-Chloronaphthalene	NC	NC	NC		<0.0790	<0.0188	<0.0157
2-Chlorophenol	390	53,000	1.5 to 4*		<0.0790	<0.0188	<0.0157
4-Chlorophenyl phenyl ether	NC	NC	NC		<0.119	<0.0282	<0.0235
Dibenzofuran	NC	NC	NC		<3.16	<0.751	<0.627
1,2-Dichlorobenzene	7,000	560	17		0.292	0.0566	<0.0235
1,3-Dichlorobenzene	NC	NC	NC		<0.119	<0.0282	<0.0235
1,4-Dichlorobenzene	NC	11,000	2		<0.119	<0.0282	<0.0235
3,3´-Dichlorobenzidine	1	NC	0.007		<0.119	<0.0282	<0.0235
2,4-Dichlorophenol	230	NC	0.48 to 1*		<0.474	<0.113	<0.0940
Diethyl phthalate	63,000	2,000	470		<0.0790	<0.0188	<0.0157
2,4-Dimethylphenol	1,600	NC	9		<0.790	<0.188	<0.157
Dimethyl phthalate	NC	NC	NC		<0.0790	<0.0188	<0.0157
4,6-Dinitro-2-methylphenol	NC	NC	NC		<0.237	<0.0563	<0.0470
2,4-Dinitrophenol	160	NC	0.2		<0.237	<0.0563	<0.0470
2,4-Dinitrotoluene	0.9	NC	0.0008		<3.16	<0.751	<0.627
2,6-Dinitrotoluene	0.9	NC	0.0007		<0.790	<0.188	<0.157
Di-n-butyl phthalate	7,800	2,300	2,300		<0.119	<0.0282	<0.0235
Di-n-octyl phthalate	1,600	10,000	10,000		<0.0790	<0.0188	<0.0157
Hexachlorobenzene	0.4	1	2		<0.119	<0.0282	<0.0235
Hexachlorobutadiene	NC	NC	NC		<0.0790	<0.0188	<0.0157
Hexachlorocyclopentadiene	550	10	400		<0.158	<0.0375	<0.0313
Hexachloroethane	78	NC	0.5		<3.16	<0.751	<0.627
Isophorone	15,600	4,600	8		<0.158	<0.0375	<0.0313
2-Methylnaphthalene	NC	NC	NC		<0.119	<0.0282	<0.0235
2-Methylphenol	3,900	NC	15		0.163	0.0513	<0.0235
4-Methylphenol	NC	NC	NC		<0.0395	<0.00939	<0.00784
2-Nitroaniline	NC	NC	NC		<0.158	<0.0375	<0.0313
3-Nitroaniline	NC	NC	NC		<0.119	<0.0282	<0.0235
4-Nitroaniline	NC	NC	NC		<0.119	<0.0282	<0.0235
2-Nitrophenol	NC	NC	NC		<0.158	<0.0375	<0.0313
4-Nitrophenol	NC	NC	NC		<0.158	<0.0375	<0.0313
Nitrobenzene	39	92	0.1		<0.119	<0.0282	<0.0235
N-Nitrosodi-n-propylamine	0.09	NC	0.00005		<3.16	<0.751	<0.627
N-Nitrosodimethylamine	NC	NC	NC		<0.158	<0.0375	<0.0313
N-Nitrosodiphenylamine	130	NC	1		<0.0371	<0.00880	<0.00735
2, 2'-oxybis(1-Chloropropane)	NC	NC	NC		<0.119	<0.0282	<0.0235
Pentachlorophenol	3	NC	0.02 to 0.54*		<0.110	<0.0261	<0.0218
Phenol	23,000	NC	100		<0.158	<0.0375	<0.0313
Pyridine	NC	NC	NC		<3.16	<0.751	<0.627
1,2,4-Trichlorobenzene	780	3,200	5		<0.119	<0.0282	<0.0235
2,4,5-Trichlorophenol	7,800	NC	26 to 400*		<0.0790	<0.0188	<0.0157
2,4,6-Trichlorophenol	58	200	0.07 to 0.37*		<0.0790	<0.0188	<0.0157

NOTES

1. All results expressed in milligrams per kilogram (mg/kg)
2. NC = No toxicity criteria for this exposure route
3. NA = Not Analyzed
4. * = Appendix B, Table C, pH specific SROs
5. SCGW = Soil Component of the Groundwater

Sample result above TACO Residential Ingestion and/or Inhalation. Sample may also exceed SCGW.

Sample result above TACO SCGW Class I Ingestion Exposure Route screening criteria. Does not exceed TACO Residential.

TABLE 1b
Soil Analytical Results
SVOCs Compared to TACO Tier I and SCGW SROs

	RESIDENTIAL		SCGW	Sample	B-6-0910	B-7-0809	B-8-0607
				Date	1/15/2026	1/16/2026	1/16/2026
	Ingestion	*Inhalation*	*Class I*	**Depth (ft)**	9' - 10'	8' - 9'	6' - 7'
SVOCs							
Aniline	NC	NC	NC		<0.177	<0.727	<0.748
Benzidine	NC	NC	NC		<2.95	<12.1	<12.4
Benzoic acid	310,000	NC	400 to 440*		<1.42	<5.81	<5.98
Benzyl alcohol	NC	NC	NC		<0.0266	<0.109	<0.112
Bis(2-chloroethoxy)methane	NC	NC	NC		<0.0177	<0.0727	<0.0748
Bis(2-chloroethyl)ether	0.6	0.2	0.0004		<0.00886	<0.0363	<0.0374
Bis(2-ethylhexyl)phthalate	46	31,000	3,600		<0.177	<0.727	<0.748
4-Bromophenyl phenyl ether	NC	NC	NC		<0.0266	<0.109	<0.112
Butyl benzyl phthalate	16,000	930	930		<0.0532	<0.218	<0.224
Carbazole	32	NC	0.6		<0.0177	0.363	0.14
4-Chloroaniline	310	NC	0.7		<0.0266	<0.109	<0.112
4-Chloro-3-methylphenol	NC	NC	NC		<0.0177	<0.0727	<0.0748
2-Chloronaphthalene	NC	NC	NC		<0.0177	<0.0727	<0.0748
2-Chlorophenol	390	53,000	1.5 to 4*		<0.0177	<0.0727	<0.0748
4-Chlorophenyl phenyl ether	NC	NC	NC		<0.0266	<0.109	<0.112
Dibenzofuran	NC	NC	NC		<0.709	<2.91	<2.99
1,2-Dichlorobenzene	7,000	560	17		<0.0266	0.23	0.133
1,3-Dichlorobenzene	NC	NC	NC		<0.0266	<0.109	<0.112
1,4-Dichlorobenzene	NC	11,000	2		<0.0266	<0.109	<0.112
3,3´-Dichlorobenzidine	1	NC	0.007		<0.0266	<0.109	<0.112
2,4-Dichlorophenol	230	NC	0.48 to 1*		<0.106	<0.436	<0.449
Diethyl phthalate	63,000	2,000	470		<0.0177	<0.0727	<0.0748
2,4-Dimethylphenol	1,600	NC	9		<0.177	<0.727	<0.748
Dimethyl phthalate	NC	NC	NC		<0.0177	<0.0727	<0.0748
4,6-Dinitro-2-methylphenol	NC	NC	NC		<0.0532	<0.218	<0.224
2,4-Dinitrophenol	160	NC	0.2		<0.0532	<0.218	<0.224
2,4-Dinitrotoluene	0.9	NC	0.0008		<0.709	<2.91	<2.99
2,6-Dinitrotoluene	0.9	NC	0.0007		<0.177	<0.727	<0.748
Di-n-butyl phthalate	7,800	2,300	2,300		<0.0266	<0.109	<0.112
Di-n-octyl phthalate	1,600	10,000	10,000		<0.0177	<0.0727	<0.0748
Hexachlorobenzene	0.4	1	2		<0.0266	<0.109	<0.112
Hexachlorobutadiene	NC	NC	NC		<0.0177	<0.0727	<0.0748
Hexachlorocyclopentadiene	550	10	400		<0.0355	<0.145	<0.150
Hexachloroethane	78	NC	0.5		<0.709	<2.91	<2.99
Isophorone	15,600	4,600	8		<0.0355	<0.145	<0.150
2-Methylnaphthalene	NC	NC	NC		<0.0266	<0.109	<0.112
2-Methylphenol	3,900	NC	15		<0.0266	0.127	<0.112
4-Methylphenol	NC	NC	NC		<0.00886	<0.0363	<0.0374
2-Nitroaniline	NC	NC	NC		<0.0355	<0.145	<0.150
3-Nitroaniline	NC	NC	NC		<0.0266	<0.109	<0.112
4-Nitroaniline	NC	NC	NC		<0.0266	<0.109	<0.112
2-Nitrophenol	NC	NC	NC		<0.0355	<0.145	<0.150
4-Nitrophenol	NC	NC	NC		<0.0355	<0.145	<0.150
Nitrobenzene	39	92	0.1		<0.0266	<0.109	<0.112
N-Nitrosodi-n-propylamine	0.09	NC	0.00005		<0.709	<2.91	<2.99
N-Nitrosodimethylamine	NC	NC	NC		<0.0355	<0.145	<0.150
N-Nitrosodiphenylamine	130	NC	1		<0.00831	<0.0341	<0.0351
2, 2'-oxybis(1-Chloropropane)	NC	NC	NC		<0.0266	<0.109	<0.112
Pentachlorophenol	3	NC	0.02 to 0.54*		<0.0246	<0.101	<0.104
Phenol	23,000	NC	100		<0.0355	<0.145	<0.150
Pyridine	NC	NC	NC		<0.709	<2.91	<2.99
1,2,4-Trichlorobenzene	780	3,200	5		<0.0266	<0.109	<0.112
2,4,5-Trichlorophenol	7,800	NC	26 to 400*		<0.0177	<0.0727	<0.0748
2,4,6-Trichlorophenol	58	200	0.07 to 0.37*		<0.0177	<0.0727	<0.0748

NOTES

1. All results expressed in milligrams per kilogram (mg/kg)
2. NC = No toxicity criteria for this exposure route
3. NA = Not Analyzed
4. * = Appendix B, Table C, pH specific SROs
5. SCGW = Soil Component of the Groundwater

Sample result above TACO Residential Ingestion and/or Inhalation. Sample may also exceed SCGW.

Sample result above TACO SCGW Class I Ingestion Exposure Route screening criteria. Does not exceed TACO Residential.

TABLE 1b
Soil Analytical Results
SVOCs Compared to TACO Tier I and SCGW SROs

	RESIDENTIAL		SCGW	Sample	B-8-1112	B-9-0809	B-10-0607
				Date	1/16/2026	1/15/2026	1/15/2026
	Ingestion	*Inhalation*	*Class I*	**Depth (ft)**	11' - 12'	8' - 9'	6' - 7'
SVOCs							
Aniline	NC	NC	NC		<0.177	<0.178	<0.175
Benzidine	NC	NC	NC		<2.95	<2.97	<2.91
Benzoic acid	310,000	NC	400 to 440*		<1.42	<1.42	<1.40
Benzyl alcohol	NC	NC	NC		<0.0266	<0.0267	<0.0263
Bis(2-chloroethoxy)methane	NC	NC	NC		<0.0177	<0.0178	<0.0175
Bis(2-chloroethyl)ether	0.6	0.2	0.0004		<0.00885	<0.00891	<0.00875
Bis(2-ethylhexyl)phthalate	46	31,000	3,600		<0.177	<0.178	<0.175
4-Bromophenyl phenyl ether	NC	NC	NC		<0.0266	<0.0267	<0.0263
Butyl benzyl phthalate	16,000	930	930		<0.0531	<0.0534	<0.0525
Carbazole	32	NC	0.6		0.0201	<0.0178	<0.0175
4-Chloroaniline	310	NC	0.7		<0.0266	<0.0267	<0.0263
4-Chloro-3-methylphenol	NC	NC	NC		<0.0177	<0.0178	<0.0175
2-Chloronaphthalene	NC	NC	NC		<0.0177	<0.0178	<0.0175
2-Chlorophenol	390	53,000	1.5 to 4*		<0.0177	<0.0178	<0.0175
4-Chlorophenyl phenyl ether	NC	NC	NC		<0.0266	<0.0267	<0.0263
Dibenzofuran	NC	NC	NC		<0.708	<0.712	<0.700
1,2-Dichlorobenzene	7,000	560	17		<0.0266	<0.0267	<0.0263
1,3-Dichlorobenzene	NC	NC	NC		<0.0266	<0.0267	<0.0263
1,4-Dichlorobenzene	NC	11,000	2		<0.0266	<0.0267	<0.0263
3,3´-Dichlorobenzidine	1	NC	0.007		<0.0266	<0.0267	<0.0263
2,4-Dichlorophenol	230	NC	0.48 to 1*		<0.106	<0.107	<0.105
Diethyl phthalate	63,000	2,000	470		<0.0177	<0.0178	<0.0175
2,4-Dimethylphenol	1,600	NC	9		<0.177	<0.178	<0.175
Dimethyl phthalate	NC	NC	NC		<0.0177	<0.0178	<0.0175
4,6-Dinitro-2-methylphenol	NC	NC	NC		<0.0531	<0.0534	<0.0525
2,4-Dinitrophenol	160	NC	0.2		<0.0531	<0.0534	<0.0525
2,4-Dinitrotoluene	0.9	NC	0.0008		<0.708	<0.712	<0.700
2,6-Dinitrotoluene	0.9	NC	0.0007		<0.177	<0.178	<0.175
Di-n-butyl phthalate	7,800	2,300	2,300		<0.0266	<0.0267	<0.0263
Di-n-octyl phthalate	1,600	10,000	10,000		<0.0177	<0.0178	<0.0175
Hexachlorobenzene	0.4	1	2		<0.0266	<0.0267	<0.0263
Hexachlorobutadiene	NC	NC	NC		<0.0177	<0.0178	<0.0175
Hexachlorocyclopentadiene	550	10	400		<0.0354	<0.0356	<0.0350
Hexachloroethane	78	NC	0.5		<0.708	<0.712	<0.700
Isophorone	15,600	4,600	8		<0.0354	<0.0356	<0.0350
2-Methylnaphthalene	NC	NC	NC		<0.0266	<0.0267	<0.0263
2-Methylphenol	3,900	NC	15		<0.0266	<0.0267	<0.0263
4-Methylphenol	NC	NC	NC		<0.00885	<0.00891	<0.00875
2-Nitroaniline	NC	NC	NC		<0.0354	<0.0356	<0.0350
3-Nitroaniline	NC	NC	NC		<0.0266	<0.0267	<0.0263
4-Nitroaniline	NC	NC	NC		<0.0266	<0.0267	<0.0263
2-Nitrophenol	NC	NC	NC		<0.0354	<0.0356	<0.0350
4-Nitrophenol	NC	NC	NC		<0.0354	<0.0356	<0.0350
Nitrobenzene	39	92	0.1		<0.0266	<0.0267	<0.0263
N-Nitrosodi-n-propylamine	0.09	NC	0.00005		<0.708	<0.712	<0.700
N-Nitrosodimethylamine	NC	NC	NC		<0.0354	<0.0356	<0.0350
N-Nitrosodiphenylamine	130	NC	1		<0.00830	<0.00835	<0.00821
2, 2'-oxybis(1-Chloropropane)	NC	NC	NC		<0.0266	<0.0267	<0.0263
Pentachlorophenol	3	NC	0.02 to 0.54*		<0.0246	<0.0248	<0.0243
Phenol	23,000	NC	100		<0.0354	<0.0356	<0.0350
Pyridine	NC	NC	NC		<0.708	<0.712	<0.700
1,2,4-Trichlorobenzene	780	3,200	5		<0.0266	<0.0267	<0.0263
2,4,5-Trichlorophenol	7,800	NC	26 to 400*		<0.0177	<0.0178	<0.0175
2,4,6-Trichlorophenol	58	200	0.07 to 0.37*		<0.0177	<0.0178	<0.0175

NOTES

1. All results expressed in milligrams per kilogram (mg/kg)
2. NC = No toxicity criteria for this exposure route
3. NA = Not Analyzed
4. * = Appendix B, Table C, pH specific SROs
5. SCGW = Soil Component of the Groundwater

Sample result above TACO Residential Ingestion and/or Inhalation. Sample may also exceed SCGW.

Sample result above TACO SCGW Class I Ingestion Exposure Route screening criteria. Does not exceed TACO Residential.

TABLE 1b
Soil Analytical Results
SVOCs Compared to TACO Tier I and SCGW SROs

	RESIDENTIAL		SCGW	Sample	B-10-1112
				Date	1/15/2026
	Ingestion	*Inhalation*	*Class I*	**Depth (ft)**	11' - 12'
SVOCs					
Aniline	NC	NC	NC		<0.182
Benzidine	NC	NC	NC		<3.03
Benzoic acid	310,000	NC	400 to 440*		<1.45
Benzyl alcohol	NC	NC	NC		<0.0273
Bis(2-chloroethoxy)methane	NC	NC	NC		<0.0182
Bis(2-chloroethyl)ether	0.6	0.2	0.0004		<0.00909
Bis(2-ethylhexyl)phthalate	46	31,000	3,600		<0.182
4-Bromophenyl phenyl ether	NC	NC	NC		<0.0273
Butyl benzyl phthalate	16,000	930	930		<0.0545
Carbazole	32	NC	0.6		<0.0182
4-Chloroaniline	310	NC	0.7		<0.0273
4-Chloro-3-methylphenol	NC	NC	NC		<0.0182
2-Chloronaphthalene	NC	NC	NC		<0.0182
2-Chlorophenol	390	53,000	1.5 to 4*		<0.0182
4-Chlorophenyl phenyl ether	NC	NC	NC		<0.0273
Dibenzofuran	NC	NC	NC		<0.727
1,2-Dichlorobenzene	7,000	560	17		<0.0273
1,3-Dichlorobenzene	NC	NC	NC		<0.0273
1,4-Dichlorobenzene	NC	11,000	2		<0.0273
3,3´-Dichlorobenzidine	1	NC	0.007		<0.0273
2,4-Dichlorophenol	230	NC	0.48 to 1*		<0.109
Diethyl phthalate	63,000	2,000	470		<0.0182
2,4-Dimethylphenol	1,600	NC	9		<0.182
Dimethyl phthalate	NC	NC	NC		<0.0182
4,6-Dinitro-2-methylphenol	NC	NC	NC		<0.0545
2,4-Dinitrophenol	160	NC	0.2		<0.0545
2,4-Dinitrotoluene	0.9	NC	0.0008		<0.727
2,6-Dinitrotoluene	0.9	NC	0.0007		<0.182
Di-n-butyl phthalate	7,800	2,300	2,300		<0.0273
Di-n-octyl phthalate	1,600	10,000	10,000		<0.0182
Hexachlorobenzene	0.4	1	2		<0.0273
Hexachlorobutadiene	NC	NC	NC		<0.0182
Hexachlorocyclopentadiene	550	10	400		<0.0363
Hexachloroethane	78	NC	0.5		<0.727
Isophorone	15,600	4,600	8		<0.0363
2-Methylnaphthalene	NC	NC	NC		<0.0273
2-Methylphenol	3,900	NC	15		<0.0273
4-Methylphenol	NC	NC	NC		<0.00909
2-Nitroaniline	NC	NC	NC		<0.0363
3-Nitroaniline	NC	NC	NC		<0.0273
4-Nitroaniline	NC	NC	NC		<0.0273
2-Nitrophenol	NC	NC	NC		<0.0363
4-Nitrophenol	NC	NC	NC		<0.0363
Nitrobenzene	39	92	0.1		<0.0273
N-Nitrosodi-n-propylamine	0.09	NC	0.00005		<0.727
N-Nitrosodimethylamine	NC	NC	NC		<0.0363
N-Nitrosodiphenylamine	130	NC	1		<0.00852
2, 2'-oxybis(1-Chloropropane)	NC	NC	NC		<0.0273
Pentachlorophenol	3	NC	0.02 to 0.54*		<0.0253
Phenol	23,000	NC	100		<0.0363
Pyridine	NC	NC	NC		<0.727
1,2,4-Trichlorobenzene	780	3,200	5		<0.0273
2,4,5-Trichlorophenol	7,800	NC	26 to 400*		<0.0182
2,4,6-Trichlorophenol	58	200	0.07 to 0.37*		<0.0182

NOTES

1. All results expressed in milligrams per kilogram (mg/kg)
2. NC = No toxicity criteria for this exposure route
3. NA = Not Analyzed
4. * = Appendix B, Table C, pH specific SROs
5. SCGW = Soil Component of the Groundwater

Sample result above TACO Residential Ingestion and/or Inhalation. Sample may also exceed SCGW.

Sample result above TACO SCGW Class I Ingestion Exposure Route screening criteria. Does not exceed TACO Residential.

TABLE 1c
Soil Analytical Results
PNAs Compared to TACO Tier I and SCGW SROs

	RESIDENTIAL		SCGW	Sample	B-1-0506	B-1-1213	B-2-1314	B-3-0304	B-3-1112	B-5-0506
				Date	1/15/2026	1/15/2026	1/15/2026	1/14/2026	1/14/2026	1/15/2026
	Ingestion	*Inhalation*	*Class I*	**Depth (ft)**	5' - 6'	12' - 13'	13' - 14'	3' - 4'	11' - 12'	6' - 7'
PNAs										
Acenaphthene	4,700	NC	570		0.0285	<0.0185	<0.0632	<0.0717	<0.0186	<0.0742
Acenaphthylene	NC	NC	NC		0.0663	0.037	0.0874	<0.0717	<0.0186	<0.0742
Anthracene	23,000	NC	12,000		0.154	0.0422	0.216	0.236	<0.0279	<0.111
Benzo(a)anthracene	1.1*	NC	2		0.466	0.141	***1.2***	0.595	<0.0279	<0.111
Benzo(a)pyrene	1.3*	NC	8		0.488	0.2	***1.43***	0.617	<0.0744	0.116
Benzo(b)fluoranthene	1.5*	NC	5		0.54	0.218	***1.93***	0.78	<0.0279	0.113
Benzo(g,h,i)perylene	NC	NC	NC		0.274	0.14	1.13	0.389	<0.0372	<0.148
Benzo(k)fluroanthene	9	NC	49		0.184	0.0881	0.563	0.248	<0.0372	<0.148
Chrysene	88	NC	160		0.468	0.139	1.35	0.619	0.0273	0.121
Dibenzo(a,h)anthracene	0.2*	NC	2		0.0729	0.0388	***0.252***	<0.0900	<0.0279	<0.0900
Fluoranthene	3,100	NC	4,300		0.898	0.226	2.1	1.31	<0.0279	0.313
Fluorene	3,100	NC	560		0.0636	<0.0185	<0.0632	0.0801	<0.0186	<0.0742
Indeno(1,2,3-cd)pyrene	0.9*	NC	14		0.278	0.148	***1.06***	0.42	<0.0279	<0.111
Naphthalene	1,600	270	12		0.0273	<0.0277	<0.0948	<0.108	<0.0279	<0.111
Phenanthrene	NC	NC	NC		0.786	0.135	0.82	0.79	0.0723	0.184
Pyrene	2,300	NC	4,200		1.1	0.249	2.36	1.29	0.0329	0.266

NOTES

1. All results expressed in milligrams per kilogram (mg/kg)
2. NC = No toxicity criteria for this exposure route
3. NA = Not Analyzed
4. SCGW = Soil Component of the Groundwater
5. Metropolitan Statistical Areas (MSA) as defined in 35 IAC 742, Appendix A, Table G.
6. Populated Area as defined in 35 IAC 742.200.
7. * = Location specific background value

Project Location: City of Chicago

Sample result above TACO Residential Ingestion and/or Inhalation. Sample may also exceed SCGW.

Sample result above TACO SCGW Class I Ingestion Exposure Route screening criteria. Does not exceed TACO Residential.

TABLE 1c
Soil Analytical Results
PNAs Compared to TACO Tier I and SCGW SROs

	RESIDENTIAL		SCGW	Sample	B-5-0506	B-5-1415	B-6-0607	B-6-0910	B-7-0809	B-8-0607
				Date	1/16/2026	1/16/2026	1/15/2026	1/15/2026	1/16/2026	1/16/2026
	Ingestion	*Inhalation*	*Class I*	**Depth (ft)**	5' - 6'	14' - 15'	6' - 7'	9' - 10'	8' - 9'	6' - 7'
PNAs										
Acenaphthene	4,700	NC	570		0.353	0.0879	<0.0157	<0.0177	0.315	0.207
Acenaphthylene	NC	NC	NC		0.856	<0.0188	<0.0157	<0.0177	<0.0727	0.138
Anthracene	23,000	NC	12,000		1.64	0.239	<0.0235	<0.0266	0.838	0.608
Benzo(a)anthracene	1.1*	NC	2		***5.56***	0.278	<0.0235	<0.0266	***2.35***	***1.59***
Benzo(a)pyrene	1.3*	NC	8		***5.57***	0.221	<0.0627	<0.0709	***2.31***	***1.49***
Benzo(b)fluoranthene	1.5*	NC	5		***6.72***	0.239	<0.0235	<0.0266	***3.25***	***1.93***
Benzo(g,h,i)perylene	NC	NC	NC		3.32	0.134	<0.0313	<0.0355	1.48	0.897
Benzo(k)fluroanthene	9	NC	49		2.03	0.0845	<0.0313	<0.0355	1.01	0.698
Chrysene	88	NC	160		5.37	0.267	<0.0157	<0.0177	2.63	1.64
Dibenzo(a,h)anthracene	0.2*	NC	2		***0.855***	<0.0282	<0.0235	<0.0266	***0.395***	***0.244***
Fluoranthene	3,100	NC	4,300		9.78	0.626	<0.0235	<0.0266	5.45	3.64
Fluorene	3,100	NC	560		0.529	0.0926	<0.0157	<0.0177	0.463	0.348
Indeno(1,2,3-cd)pyrene	0.9*	NC	14		***3.59***	0.112	<0.0235	<0.0266	***1.59***	***0.992***
Naphthalene	1,600	270	12		0.171	0.0325	<0.0235	<0.0266	0.245	<0.112
Phenanthrene	NC	NC	NC		5.36	0.826	<0.0235	<0.0266	3.47	1.57
Pyrene	2,300	NC	4,200		13.7	0.657	<0.0235	<0.0266	5.21	3.48

NOTES

1. All results expressed in milligrams per kilogram (mg/kg)
2. NC = No toxicity criteria for this exposure route
3. NA = Not Analyzed
4. SCGW = Soil Component of the Groundwater
5. Metropolitan Statistical Areas (MSA) as defined in 35 IAC 742, Appendix A, Table G.
6. Populated Area as defined in 35 IAC 742.200.
7. * = Location specific background value

Project Location: City of Chicago

Sample result above TACO Residential Ingestion and/or Inhalation. Sample may also exceed SCGW.

Sample result above TACO SCGW Class I Ingestion Exposure Route screening criteria. Does not exceed TACO Residential.

TABLE 1c
Soil Analytical Results
PNAs Compared to TACO Tier I and SCGW SROs

	RESIDENTIAL		SCGW	Sample	B-8-1112	B-9-0809	B-10-0607	B-10-1112
				Date	1/16/2026	1/15/2026	1/15/2026	1/15/2026
	Ingestion	*Inhalation*	*Class I*	**Depth (ft)**	11' - 12'	8' - 9'	6' - 7'	11' - 12'
PNAs								
Acenaphthene	4,700	NC	570		0.0189	<0.0178	<0.0175	<0.0182
Acenaphthylene	NC	NC	NC		<0.0177	<0.0178	<0.0175	<0.0182
Anthracene	23,000	NC	12,000		0.0593	<0.0267	<0.0263	<0.0273
Benzo(a)anthracene	1.1*	NC	2		0.147	<0.0267	<0.0263	<0.0273
Benzo(a)pyrene	1.3*	NC	8		0.118	<0.0712	<0.0700	<0.0727
Benzo(b)fluoranthene	1.5*	NC	5		0.156	0.0318	<0.0263	<0.0273
Benzo(g,h,i)perylene	NC	NC	NC		0.0714	<0.0356	<0.0350	<0.0363
Benzo(k)fluroanthene	9	NC	49		0.0505	<0.0356	<0.0350	<0.0363
Chrysene	88	NC	160		0.153	0.0255	<0.0175	<0.0182
Dibenzo(a,h)anthracene	0.2*	NC	2		<0.0266	<0.0267	<0.0263	<0.0273
Fluoranthene	3,100	NC	4,300		0.295	0.0407	<0.0263	<0.0273
Fluorene	3,100	NC	560		0.0295	<0.0178	<0.0175	<0.0182
Indeno(1,2,3-cd)pyrene	0.9*	NC	14		0.0702	<0.0267	<0.0263	<0.0273
Naphthalene	1,600	270	12		<0.0266	<0.0267	<0.0263	<0.0273
Phenanthrene	NC	NC	NC		0.24	<0.0267	<0.0263	<0.0273
Pyrene	2,300	NC	4,200		0.264	0.0407	<0.0263	<0.0273

NOTES

1. All results expressed in milligrams per kilogram (mg/kg)
2. NC = No toxicity criteria for this exposure route
3. NA = Not Analyzed
4. SCGW = Soil Component of the Groundwater
5. Metropolitan Statistical Areas (MSA) as defined in 35 IAC 742, Appendix A, Table G.
6. Populated Area as defined in 35 IAC 742.200.
7. * = Location specific background value

Project Location: City of Chicago

Sample result above TACO Residential Ingestion and/or Inhalation. Sample may also exceed SCGW.

Sample result above TACO SCGW Class I Ingestion Exposure Route screening criteria. Does not exceed TACO Residential.

TABLE 1d
Soil Analytical Results
Inorganics and pH Compared to TACO Tier I and SCGW SROs

	RESIDENTIAL		SCGW Class I pH DEPENDENT							Sample	B-1-0506
			pH 6.65 to 6.89	*pH 6.90 to 7.24*	*pH 7.25 to 7.74*	*pH 7.75 to 8.24*	*pH 8.25 to 8.74*	*pH 8.75 to 9.00*	*mg/L*	Date	1/15/2026
	Ingestion	*Inhalation*								Depth (ft)	5' - 6'
Inorganics											
Aluminum	NC	NC	NC	NC	NC	NC	NC	NC	NC		9160
Antimony	31	NC	5	5	5	5	5	5	NC		<1.20
Arsenic	13**	750	29	29	30	31	32	33	NC		7.69
Barium	5,500	690,000	1,600	1,700	1,800	2,100	2,100	2,100	NC		96.8
Beryllium	160	1,300	63	140	1,000	8,000	8,000	8,000	NC		0.776
Cadmium	78	1,800	7.5	11	59	430	430	430	NC		0.529
Calcium	NC	NC	NC	NC	NC	NC	NC	NC	NC		19700
Chromium	230	270	38	36	32	28	24	21	NC		16.8
Cobalt	4,700	NC	NC	NC	NC	NC	NC	NC	NC		11.4
Copper	2,900	NC	130,000	200,000	330,000	330,000	330,000	330,000	NC		40.4
Cyanide	1,600	NC	40	40	40	40	40	40	NC		<0.279
Iron	NC	NC	NC	NC	NC	NC	NC	NC	NC		19100
Lead	400	NC	107	107	107	107	107	282	NC		***200***
Magnesium	325,000	NC	NC	NC	NC	NC	NC	NC	NC		9150
Manganese	1,600	69,000	NC	NC	NC	NC	NC	NC	NC		755
Mercury	23	10	2.1	3.3	6.4	8	8	8	NC		0.489
Nickel	1,600	13,000	130	180	700	3,800	3,800	3,800	NC		25.4
Potassium	NC	NC	NC	NC	NC	NC	NC	NC	NC		1360
Selenium	390	NC	5.2	4.5	3.3	2.4	1.8	1.3	NC		<0.598
Silver	390	NC	8.5	13	39	110	110	110	NC		<0.598
Sodium	NC	NC	NC	NC	NC	NC	NC	NC	NC		476
Thallium	6.3	NC	2.8	3	3.4	3.8	4.4	4.9	NC		<0.598
Vanadium	550	NC	980	980	980	980	980	980	NC		21.8
Zinc	23,000	NC	6,200	7,500	16,000	53,000	53,000	53,000	NC		111
pH	NC	NC	NC	NC	NC	NC	NC	NC	NC		8.01
TCLP (mg/L)											
Aluminum	NC	NC	NC	NC	NC	NC	NC	NC	NC		NA
Antimony	NC	NC	NC	NC	NC	NC	NC	NC	0.006		NA
Arsenic	NC	NC	NC	NC	NC	NC	NC	NC	0.05		NA
Barium	NC	NC	NC	NC	NC	NC	NC	NC	2		NA
Beryllium	NC	NC	NC	NC	NC	NC	NC	NC	0.004		NA
Cadmium	NC	NC	NC	NC	NC	NC	NC	NC	0.005		NA
Calcium	NC	NC	NC	NC	NC	NC	NC	NC	NC		NA
Chromium	NC	NC	NC	NC	NC	NC	NC	NC	0.1		NA
Cobalt	NC	NC	NC	NC	NC	NC	NC	NC	1		NA
Copper	NC	NC	NC	NC	NC	NC	NC	NC	0.65		NA
Cyanide	NC	NC	NC	NC	NC	NC	NC	NC	0.2		NA
Iron	NC	NC	NC	NC	NC	NC	NC	NC	5		NA
Lead	NC	NC	NC	NC	NC	NC	NC	NC	0.0075		NA
Magnesium	NC	NC	NC	NC	NC	NC	NC	NC	NC		NA
Manganese	NC	NC	NC	NC	NC	NC	NC	NC	0.15		NA
Mercury	NC	NC	NC	NC	NC	NC	NC	NC	0.002		NA
Nickel	NC	NC	NC	NC	NC	NC	NC	NC	0.1		NA
Potassium	NC	NC	NC	NC	NC	NC	NC	NC	NC		NA
Selenium	NC	NC	NC	NC	NC	NC	NC	NC	0.05		NA
Silver	NC	NC	NC	NC	NC	NC	NC	NC	NC		NA
Sodium	NC	NC	NC	NC	NC	NC	NC	NC	NC		NA
Thallium	NC	NC	NC	NC	NC	NC	NC	NC	0.002		NA
Vanadium	NC	NC	NC	NC	NC	NC	NC	NC	0.049		NA
Zinc	NC	NC	NC	NC	NC	NC	NC	NC	5		NA

NOTES

1. Total Metal results expressed in milligrams per kilogram (mg/kg). TCLP/SPLP results expressed in milligrams per kilogram (mg/L).
2. NC = No toxicity criteria for this exposure route
3. NA = Not Analyzed
4. SCGW = Soil Component of the Groundwater
5. * = SCGW exposure route excluded under footnote " *m* " of TACO Section 742, Appendix B, Table B.
6. ** = Location specific background value

Project Location: MSA County

Sample result above TACO Residential Ingestion and/or Inhalation. Sample may also exceed SCGW.

Sample result above TACO SCGW Class I Ingestion Exposure Route screening criteria. Does not exceed TACO Residential.

TABLE 1d
Soil Analytical Results
Inorganics and pH Compared to TACO Tier I and SCGW SROs

	RESIDENTIAL		SCGW Class I pH DEPENDENT							Sample	B-1-1213
			pH 6.65 to 6.89	*pH 6.90 to 7.24*	*pH 7.25 to 7.74*	*pH 7.75 to 8.24*	*pH 8.25 to 8.74*	*pH 8.75 to 9.00*	*mg/L*	Date	1/15/2026
	Ingestion	*Inhalation*								Depth (ft)	12' - 13'
Inorganics											
Aluminum	NC	NC	NC	NC	NC	NC	NC	NC	NC		5000
Antimony	31	NC	5	5	5	5	5	5	NC		<1.23
Arsenic	13**	750	29	29	30	31	32	33	NC		6.24
Barium	5,500	690,000	1,600	1,700	1,800	2,100	2,100	2,100	NC		40.5
Beryllium	160	1,300	63	140	1,000	8,000	8,000	8,000	NC		0.411
Cadmium	78	1,800	7.5	11	59	430	430	430	NC		<0.307
Calcium	NC	NC	NC	NC	NC	NC	NC	NC	NC		32300
Chromium	230	270	38	36	32	28	24	21	NC		11.2
Cobalt	4,700	NC	NC	NC	NC	NC	NC	NC	NC		7.94
Copper	2,900	NC	130,000	200,000	330,000	330,000	330,000	330,000	NC		31.7
Cyanide	1,600	NC	40	40	40	40	40	40	NC		<0.289
Iron	NC	NC	NC	NC	NC	NC	NC	NC	NC		13400
Lead	400	NC	107	107	107	107	107	282	NC		49.4
Magnesium	325,000	NC	NC	NC	NC	NC	NC	NC	NC		15400
Manganese	1,600	69,000	NC	NC	NC	NC	NC	NC	NC		281
Mercury	23	10	2.1	3.3	6.4	8	8	8	NC		0.682
Nickel	1,600	13,000	130	180	700	3,800	3,800	3,800	NC		19.7
Potassium	NC	NC	NC	NC	NC	NC	NC	NC	NC		1070
Selenium	390	NC	5.2	4.5	3.3	2.4	1.8	1.3	NC		<0.614
Silver	390	NC	8.5	13	39	110	110	110	NC		<0.614
Sodium	NC	NC	NC	NC	NC	NC	NC	NC	NC		200
Thallium	6.3	NC	2.8	3	3.4	3.8	4.4	4.9	NC		<0.614
Vanadium	550	NC	980	980	980	980	980	980	NC		11.8
Zinc	23,000	NC	6,200	7,500	16,000	53,000	53,000	53,000	NC		62.9
pH	NC	NC	NC	NC	NC	NC	NC	NC	NC		7.97
TCLP (mg/L)											
Aluminum	NC	NC	NC	NC	NC	NC	NC	NC	NC		NA
Antimony	NC	NC	NC	NC	NC	NC	NC	NC	0.006		NA
Arsenic	NC	NC	NC	NC	NC	NC	NC	NC	0.05		NA
Barium	NC	NC	NC	NC	NC	NC	NC	NC	2		NA
Beryllium	NC	NC	NC	NC	NC	NC	NC	NC	0.004		NA
Cadmium	NC	NC	NC	NC	NC	NC	NC	NC	0.005		NA
Calcium	NC	NC	NC	NC	NC	NC	NC	NC	NC		NA
Chromium	NC	NC	NC	NC	NC	NC	NC	NC	0.1		NA
Cobalt	NC	NC	NC	NC	NC	NC	NC	NC	1		NA
Copper	NC	NC	NC	NC	NC	NC	NC	NC	0.65		NA
Cyanide	NC	NC	NC	NC	NC	NC	NC	NC	0.2		NA
Iron	NC	NC	NC	NC	NC	NC	NC	NC	5		NA
Lead	NC	NC	NC	NC	NC	NC	NC	NC	0.0075		NA
Magnesium	NC	NC	NC	NC	NC	NC	NC	NC	NC		NA
Manganese	NC	NC	NC	NC	NC	NC	NC	NC	0.15		NA
Mercury	NC	NC	NC	NC	NC	NC	NC	NC	0.002		NA
Nickel	NC	NC	NC	NC	NC	NC	NC	NC	0.1		NA
Potassium	NC	NC	NC	NC	NC	NC	NC	NC	NC		NA
Selenium	NC	NC	NC	NC	NC	NC	NC	NC	0.05		NA
Silver	NC	NC	NC	NC	NC	NC	NC	NC	NC		NA
Sodium	NC	NC	NC	NC	NC	NC	NC	NC	NC		NA
Thallium	NC	NC	NC	NC	NC	NC	NC	NC	0.002		NA
Vanadium	NC	NC	NC	NC	NC	NC	NC	NC	0.049		NA
Zinc	NC	NC	NC	NC	NC	NC	NC	NC	5		NA

NOTES

1. Total Metal results expressed in milligrams per kilogram (mg/kg). TCLP/SPLP results expressed in milligrams per kilogram (mg/L).
2. NC = No toxicity criteria for this exposure route
3. NA = Not Analyzed
4. SCGW = Soil Component of the Groundwater
5. * = SCGW exposure route excluded under footnote " *m* " of TACO Section 742, Appendix B, Table B.
6. ** = Location specific background value

Project Location: MSA County

Sample result above TACO Residential Ingestion and/or Inhalation. Sample may also exceed SCGW.

Sample result above TACO SCGW Class I Ingestion Exposure Route screening criteria. Does not exceed TACO Residential.

TABLE 1d
Soil Analytical Results
Inorganics and pH Compared to TACO Tier I and SCGW SROs

	RESIDENTIAL		SCGW Class I pH DEPENDENT							Sample	B-2-1314
			pH 6.65 to 6.89	*pH 6.90 to 7.24*	*pH 7.25 to 7.74*	*pH 7.75 to 8.24*	*pH 8.25 to 8.74*	*pH 8.75 to 9.00*	*mg/L*	Date	1/15/2026
	Ingestion	*Inhalation*								Depth (ft)	13' - 14'
Inorganics											
Aluminum	NC	NC	NC	NC	NC	NC	NC	NC	NC		786
Antimony	31	NC	5	5	5	5	5	5	NC		<1.04
Arsenic	13**	750	29	29	30	31	32	33	NC		1.08
Barium	5,500	690,000	1,600	1,700	1,800	2,100	2,100	2,100	NC		11.9
Beryllium	160	1,300	63	140	1,000	8,000	8,000	8,000	NC		<0.260
Cadmium	78	1,800	7.5	11	59	430	430	430	NC		<0.260
Calcium	NC	NC	NC	NC	NC	NC	NC	NC	NC		76500
Chromium	230	270	38	36	32	28	24	21	NC		4.96
Cobalt	4,700	NC	NC	NC	NC	NC	NC	NC	NC		1.34
Copper	2,900	NC	130,000	200,000	330,000	330,000	330,000	330,000	NC		6.81
Cyanide	1,600	NC	40	40	40	40	40	40	NC		<0.249
Iron	NC	NC	NC	NC	NC	NC	NC	NC	NC		2350
Lead	400	NC	107	107	107	107	107	282	NC		40.4
Magnesium	325,000	NC	NC	NC	NC	NC	NC	NC	NC		48600
Manganese	1,600	69,000	NC	NC	NC	NC	NC	NC	NC		122
Mercury	23	10	2.1	3.3	6.4	8	8	8	NC		0.0689
Nickel	1,600	13,000	130	180	700	3,800	3,800	3,800	NC		5.58
Potassium	NC	NC	NC	NC	NC	NC	NC	NC	NC		393
Selenium	390	NC	5.2	4.5	3.3	2.4	1.8	1.3	NC		<0.520
Silver	390	NC	8.5	13	39	110	110	110	NC		<0.520
Sodium	NC	NC	NC	NC	NC	NC	NC	NC	NC		139
Thallium	6.3	NC	2.8	3	3.4	3.8	4.4	4.9	NC		<0.520
Vanadium	550	NC	980	980	980	980	980	980	NC		3.3
Zinc	23,000	NC	6,200	7,500	16,000	53,000	53,000	53,000	NC		16.9
pH	NC	NC	NC	NC	NC	NC	NC	NC	NC		9.44
TCLP (mg/L)											
Aluminum	NC	NC	NC	NC	NC	NC	NC	NC	NC		NA
Antimony	NC	NC	NC	NC	NC	NC	NC	NC	0.006		NA
Arsenic	NC	NC	NC	NC	NC	NC	NC	NC	0.05		NA
Barium	NC	NC	NC	NC	NC	NC	NC	NC	2		NA
Beryllium	NC	NC	NC	NC	NC	NC	NC	NC	0.004		NA
Cadmium	NC	NC	NC	NC	NC	NC	NC	NC	0.005		NA
Calcium	NC	NC	NC	NC	NC	NC	NC	NC	NC		NA
Chromium	NC	NC	NC	NC	NC	NC	NC	NC	0.1		NA
Cobalt	NC	NC	NC	NC	NC	NC	NC	NC	1		NA
Copper	NC	NC	NC	NC	NC	NC	NC	NC	0.65		NA
Cyanide	NC	NC	NC	NC	NC	NC	NC	NC	0.2		NA
Iron	NC	NC	NC	NC	NC	NC	NC	NC	5		NA
Lead	NC	NC	NC	NC	NC	NC	NC	NC	0.0075		NA
Magnesium	NC	NC	NC	NC	NC	NC	NC	NC	NC		NA
Manganese	NC	NC	NC	NC	NC	NC	NC	NC	0.15		NA
Mercury	NC	NC	NC	NC	NC	NC	NC	NC	0.002		NA
Nickel	NC	NC	NC	NC	NC	NC	NC	NC	0.1		NA
Potassium	NC	NC	NC	NC	NC	NC	NC	NC	NC		NA
Selenium	NC	NC	NC	NC	NC	NC	NC	NC	0.05		NA
Silver	NC	NC	NC	NC	NC	NC	NC	NC	NC		NA
Sodium	NC	NC	NC	NC	NC	NC	NC	NC	NC		NA
Thallium	NC	NC	NC	NC	NC	NC	NC	NC	0.002		NA
Vanadium	NC	NC	NC	NC	NC	NC	NC	NC	0.049		NA
Zinc	NC	NC	NC	NC	NC	NC	NC	NC	5		NA

NOTES

1. Total Metal results expressed in milligrams per kilogram (mg/kg). TCLP/SPLP results expressed in milligrams per kilogram (mg/L).
2. NC = No toxicity criteria for this exposure route
3. NA = Not Analyzed
4. SCGW = Soil Component of the Groundwater
5. * = SCGW exposure route excluded under footnote " *m* " of TACO Section 742, Appendix B, Table B.
6. ** = Location specific background value

Project Location: MSA County

Sample result above TACO Residential Ingestion and/or Inhalation. Sample may also exceed SCGW.

Sample result above TACO SCGW Class I Ingestion Exposure Route screening criteria. Does not exceed TACO Residential.

TABLE 1d
Soil Analytical Results
Inorganics and pH Compared to TACO Tier I and SCGW SROs

	RESIDENTIAL		SCGW Class I pH DEPENDENT							Sample	B-3-0304
			pH 6.65 to 6.89	*pH 6.90 to 7.24*	*pH 7.25 to 7.74*	*pH 7.75 to 8.24*	*pH 8.25 to 8.74*	*pH 8.75 to 9.00*	*mg/L*	Date	1/14/2026
	Ingestion	*Inhalation*								Depth (ft)	3' - 4'
Inorganics											
Aluminum	NC	NC	NC	NC	NC	NC	NC	NC	NC		6360
Antimony	31	NC	5	5	5	5	5	5	NC		<1.18
Arsenic	13**	750	29	29	30	31	32	33	NC		4.54
Barium	5,500	690,000	1,600	1,700	1,800	2,100	2,100	2,100	NC		53.8
Beryllium	160	1,300	63	140	1,000	8,000	8,000	8,000	NC		0.478
Cadmium	78	1,800	7.5	11	59	430	430	430	NC		<0.295
Calcium	NC	NC	NC	NC	NC	NC	NC	NC	NC		18000
Chromium	230	270	38	36	32	28	24	21	NC		12.4
Cobalt	4,700	NC	NC	NC	NC	NC	NC	NC	NC		8.09
Copper	2,900	NC	130,000	200,000	330,000	330,000	330,000	330,000	NC		36.1
Cyanide	1,600	NC	40	40	40	40	40	40	NC		<0.279
Iron	NC	NC	NC	NC	NC	NC	NC	NC	NC		14200
Lead	400	NC	107	107	107	107	107	282	NC		187
Magnesium	325,000	NC	NC	NC	NC	NC	NC	NC	NC		8840
Manganese	1,600	69,000	NC	NC	NC	NC	NC	NC	NC		359
Mercury	23	10	2.1	3.3	6.4	8	8	8	NC		0.761
Nickel	1,600	13,000	130	180	700	3,800	3,800	3,800	NC		19.3
Potassium	NC	NC	NC	NC	NC	NC	NC	NC	NC		817
Selenium	390	NC	5.2	4.5	3.3	2.4	1.8	1.3	NC		<0.591
Silver	390	NC	8.5	13	39	110	110	110	NC		<0.591
Sodium	NC	NC	NC	NC	NC	NC	NC	NC	NC		1590
Thallium	6.3	NC	2.8	3	3.4	3.8	4.4	4.9	NC		<0.591
Vanadium	550	NC	980	980	980	980	980	980	NC		15.9
Zinc	23,000	NC	6,200	7,500	16,000	53,000	53,000	53,000	NC		65.6
pH	NC	NC	NC	NC	NC	NC	NC	NC	NC		9.14
TCLP (mg/L)											
Aluminum	NC	NC	NC	NC	NC	NC	NC	NC	NC		NA
Antimony	NC	NC	NC	NC	NC	NC	NC	NC	0.006		NA
Arsenic	NC	NC	NC	NC	NC	NC	NC	NC	0.05		NA
Barium	NC	NC	NC	NC	NC	NC	NC	NC	2		NA
Beryllium	NC	NC	NC	NC	NC	NC	NC	NC	0.004		NA
Cadmium	NC	NC	NC	NC	NC	NC	NC	NC	0.005		NA
Calcium	NC	NC	NC	NC	NC	NC	NC	NC	NC		NA
Chromium	NC	NC	NC	NC	NC	NC	NC	NC	0.1		NA
Cobalt	NC	NC	NC	NC	NC	NC	NC	NC	1		NA
Copper	NC	NC	NC	NC	NC	NC	NC	NC	0.65		NA
Cyanide	NC	NC	NC	NC	NC	NC	NC	NC	0.2		NA
Iron	NC	NC	NC	NC	NC	NC	NC	NC	5		NA
Lead	NC	NC	NC	NC	NC	NC	NC	NC	0.0075		NA
Magnesium	NC	NC	NC	NC	NC	NC	NC	NC	NC		NA
Manganese	NC	NC	NC	NC	NC	NC	NC	NC	0.15		NA
Mercury	NC	NC	NC	NC	NC	NC	NC	NC	0.002		NA
Nickel	NC	NC	NC	NC	NC	NC	NC	NC	0.1		NA
Potassium	NC	NC	NC	NC	NC	NC	NC	NC	NC		NA
Selenium	NC	NC	NC	NC	NC	NC	NC	NC	0.05		NA
Silver	NC	NC	NC	NC	NC	NC	NC	NC	NC		NA
Sodium	NC	NC	NC	NC	NC	NC	NC	NC	NC		NA
Thallium	NC	NC	NC	NC	NC	NC	NC	NC	0.002		NA
Vanadium	NC	NC	NC	NC	NC	NC	NC	NC	0.049		NA
Zinc	NC	NC	NC	NC	NC	NC	NC	NC	5		NA

NOTES

1. Total Metal results expressed in milligrams per kilogram (mg/kg). TCLP/SPLP results expressed in milligrams per kilogram (mg/L).
2. NC = No toxicity criteria for this exposure route
3. NA = Not Analyzed
4. SCGW = Soil Component of the Groundwater
5. * = SCGW exposure route excluded under footnote " *m* " of TACO Section 742, Appendix B, Table B.
6. ** = Location specific background value

Project Location: MSA County

Sample result above TACO Residential Ingestion and/or Inhalation. Sample may also exceed SCGW.

Sample result above TACO SCGW Class I Ingestion Exposure Route screening criteria. Does not exceed TACO Residential.

TABLE 1d
Soil Analytical Results
Inorganics and pH Compared to TACO Tier I and SCGW SROs

	RESIDENTIAL		SCGW Class I pH DEPENDENT							Sample	B-3-1112
			pH 6.65 to 6.89	*pH 6.90 to 7.24*	*pH 7.25 to 7.74*	*pH 7.75 to 8.24*	*pH 8.25 to 8.74*	*pH 8.75 to 9.00*	*mg/L*	Date	1/14/2026
	Ingestion	*Inhalation*								Depth (ft)	11' - 12'
Inorganics											
Aluminum	NC	NC	NC	NC	NC	NC	NC	NC	NC		7280
Antimony	31	NC	5	5	5	5	5	5	NC		<1.24
Arsenic	13**	750	29	29	30	31	32	33	NC		6.53
Barium	5,500	690,000	1,600	1,700	1,800	2,100	2,100	2,100	NC		37.3
Beryllium	160	1,300	63	140	1,000	8,000	8,000	8,000	NC		0.446
Cadmium	78	1,800	7.5	11	59	430	430	430	NC		<0.310
Calcium	NC	NC	NC	NC	NC	NC	NC	NC	NC		43000
Chromium	230	270	38	36	32	28	24	21	NC		14.4
Cobalt	4,700	NC	NC	NC	NC	NC	NC	NC	NC		10.2
Copper	2,900	NC	130,000	200,000	330,000	330,000	330,000	330,000	NC		21.5
Cyanide	1,600	NC	40	40	40	40	40	40	NC		<0.295
Iron	NC	NC	NC	NC	NC	NC	NC	NC	NC		17600
Lead	400	NC	107	107	107	107	107	282	NC		11.7
Magnesium	325,000	NC	NC	NC	NC	NC	NC	NC	NC		20600
Manganese	1,600	69,000	NC	NC	NC	NC	NC	NC	NC		307
Mercury	23	10	2.1	3.3	6.4	8	8	8	NC		<0.0607
Nickel	1,600	13,000	130	180	700	3,800	3,800	3,800	NC		26.1
Potassium	NC	NC	NC	NC	NC	NC	NC	NC	NC		1740
Selenium	390	NC	5.2	4.5	3.3	2.4	1.8	1.3	NC		<0.621
Silver	390	NC	8.5	13	39	110	110	110	NC		<0.621
Sodium	NC	NC	NC	NC	NC	NC	NC	NC	NC		503
Thallium	6.3	NC	2.8	3	3.4	3.8	4.4	4.9	NC		<0.621
Vanadium	550	NC	980	980	980	980	980	980	NC		15
Zinc	23,000	NC	6,200	7,500	16,000	53,000	53,000	53,000	NC		38.4
pH	NC	NC	NC	NC	NC	NC	NC	NC	NC		7.77
TCLP (mg/L)											
Aluminum	NC	NC	NC	NC	NC	NC	NC	NC	NC		NA
Antimony	NC	NC	NC	NC	NC	NC	NC	NC	0.006		NA
Arsenic	NC	NC	NC	NC	NC	NC	NC	NC	0.05		NA
Barium	NC	NC	NC	NC	NC	NC	NC	NC	2		NA
Beryllium	NC	NC	NC	NC	NC	NC	NC	NC	0.004		NA
Cadmium	NC	NC	NC	NC	NC	NC	NC	NC	0.005		NA
Calcium	NC	NC	NC	NC	NC	NC	NC	NC	NC		NA
Chromium	NC	NC	NC	NC	NC	NC	NC	NC	0.1		NA
Cobalt	NC	NC	NC	NC	NC	NC	NC	NC	1		NA
Copper	NC	NC	NC	NC	NC	NC	NC	NC	0.65		NA
Cyanide	NC	NC	NC	NC	NC	NC	NC	NC	0.2		NA
Iron	NC	NC	NC	NC	NC	NC	NC	NC	5		NA
Lead	NC	NC	NC	NC	NC	NC	NC	NC	0.0075		NA
Magnesium	NC	NC	NC	NC	NC	NC	NC	NC	NC		NA
Manganese	NC	NC	NC	NC	NC	NC	NC	NC	0.15		NA
Mercury	NC	NC	NC	NC	NC	NC	NC	NC	0.002		NA
Nickel	NC	NC	NC	NC	NC	NC	NC	NC	0.1		NA
Potassium	NC	NC	NC	NC	NC	NC	NC	NC	NC		NA
Selenium	NC	NC	NC	NC	NC	NC	NC	NC	0.05		NA
Silver	NC	NC	NC	NC	NC	NC	NC	NC	NC		NA
Sodium	NC	NC	NC	NC	NC	NC	NC	NC	NC		NA
Thallium	NC	NC	NC	NC	NC	NC	NC	NC	0.002		NA
Vanadium	NC	NC	NC	NC	NC	NC	NC	NC	0.049		NA
Zinc	NC	NC	NC	NC	NC	NC	NC	NC	5		NA

NOTES

1. Total Metal results expressed in milligrams per kilogram (mg/kg). TCLP/SPLP results expressed in milligrams per kilogram (mg/L).
2. NC = No toxicity criteria for this exposure route
3. NA = Not Analyzed
4. SCGW = Soil Component of the Groundwater
5. * = SCGW exposure route excluded under footnote " *m* " of TACO Section 742, Appendix B, Table B.
6. ** = Location specific background value

Project Location: MSA County

Sample result above TACO Residential Ingestion and/or Inhalation. Sample may also exceed SCGW.

Sample result above TACO SCGW Class I Ingestion Exposure Route screening criteria. Does not exceed TACO Residential.

TABLE 1d
Soil Analytical Results
Inorganics and pH Compared to TACO Tier I and SCGW SROs

	RESIDENTIAL		SCGW Class I pH DEPENDENT							Sample	B-4-0607
			pH 6.65 to 6.89	pH 6.90 to 7.24	pH 7.25 to 7.74	pH 7.75 to 8.24	pH 8.25 to 8.74	pH 8.75 to 9.00	mg/L	Date	1/15/2026
	Ingestion	Inhalation								Depth (ft)	6' - 7'
Inorganics											
Aluminum	NC	NC	NC	NC	NC	NC	NC	NC	NC		5970
Antimony	31	NC	5	5	5	5	5	5	NC		<1.21
Arsenic	13**	750	29	29	30	31	32	33	NC		9.5
Barium	5,500	690,000	1,600	1,700	1,800	2,100	2,100	2,100	NC		69.1
Beryllium	160	1,300	63	140	1,000	8,000	8,000	8,000	NC		0.475
Cadmium	78	1,800	7.5	11	59	430	430	430	NC		<0.303
Calcium	NC	NC	NC	NC	NC	NC	NC	NC	NC		30800
Chromium	230	270	38	36	32	28	24	21	NC		13
Cobalt	4,700	NC	NC	NC	NC	NC	NC	NC	NC		8.52
Copper	2,900	NC	130,000	200,000	330,000	330,000	330,000	330,000	NC		29.9
Cyanide	1,600	NC	40	40	40	40	40	40	NC		<0.295
Iron	NC	NC	NC	NC	NC	NC	NC	NC	NC		23600
Lead	400	NC	107	107	107	107	107	282	NC		93.8
Magnesium	325,000	NC	NC	NC	NC	NC	NC	NC	NC		16400
Manganese	1,600	69,000	NC	NC	NC	NC	NC	NC	NC		297
Mercury	23	10	2.1	3.3	6.4	8	8	8	NC		<0.0576
Nickel	1,600	13,000	130	180	700	3,800	3,800	3,800	NC		24.8
Potassium	NC	NC	NC	NC	NC	NC	NC	NC	NC		1050
Selenium	390	NC	5.2	4.5	3.3	2.4	1.8	1.3	NC		<0.607
Silver	390	NC	8.5	13	39	110	110	110	NC		<0.607
Sodium	NC	NC	NC	NC	NC	NC	NC	NC	NC		1190
Thallium	6.3	NC	2.8	3	3.4	3.8	4.4	4.9	NC		<0.607
Vanadium	550	NC	980	980	980	980	980	980	NC		17.2
Zinc	23,000	NC	6,200	7,500	16,000	53,000	53,000	53,000	NC		116
pH	NC	NC	NC	NC	NC	NC	NC	NC	NC		7.95
TCLP (mg/L)											
Aluminum	NC	NC	NC	NC	NC	NC	NC	NC	NC		NA
Antimony	NC	NC	NC	NC	NC	NC	NC	NC	0.006		NA
Arsenic	NC	NC	NC	NC	NC	NC	NC	NC	0.05		NA
Barium	NC	NC	NC	NC	NC	NC	NC	NC	2		NA
Beryllium	NC	NC	NC	NC	NC	NC	NC	NC	0.004		NA
Cadmium	NC	NC	NC	NC	NC	NC	NC	NC	0.005		NA
Calcium	NC	NC	NC	NC	NC	NC	NC	NC	NC		NA
Chromium	NC	NC	NC	NC	NC	NC	NC	NC	0.1		NA
Cobalt	NC	NC	NC	NC	NC	NC	NC	NC	1		NA
Copper	NC	NC	NC	NC	NC	NC	NC	NC	0.65		NA
Cyanide	NC	NC	NC	NC	NC	NC	NC	NC	0.2		NA
Iron	NC	NC	NC	NC	NC	NC	NC	NC	5		NA
Lead	NC	NC	NC	NC	NC	NC	NC	NC	0.0075		NA
Magnesium	NC	NC	NC	NC	NC	NC	NC	NC	NC		NA
Manganese	NC	NC	NC	NC	NC	NC	NC	NC	0.15		NA
Mercury	NC	NC	NC	NC	NC	NC	NC	NC	0.002		NA
Nickel	NC	NC	NC	NC	NC	NC	NC	NC	0.1		NA
Potassium	NC	NC	NC	NC	NC	NC	NC	NC	NC		NA
Selenium	NC	NC	NC	NC	NC	NC	NC	NC	0.05		NA
Silver	NC	NC	NC	NC	NC	NC	NC	NC	NC		NA
Sodium	NC	NC	NC	NC	NC	NC	NC	NC	NC		NA
Thallium	NC	NC	NC	NC	NC	NC	NC	NC	0.002		NA
Vanadium	NC	NC	NC	NC	NC	NC	NC	NC	0.049		NA
Zinc	NC	NC	NC	NC	NC	NC	NC	NC	5		NA

NOTES

1. Total Metal results expressed in milligrams per kilogram (mg/kg). TCLP/SPLP results expressed in milligrams per kilogram (mg/L).
2. NC = No toxicity criteria for this exposure route
3. NA = Not Analyzed
4. SCGW = Soil Component of the Groundwater
5. * = SCGW exposure route excluded under footnote " *m* " of TACO Section 742, Appendix B, Table B.
6. ** = Location specific background value

Project Location: MSA County

Sample result above TACO Residential Ingestion and/or Inhalation. Sample may also exceed SCGW.

Sample result above TACO SCGW Class I Ingestion Exposure Route screening criteria. Does not exceed TACO Residential.

TABLE 1d
Soil Analytical Results
Inorganics and pH Compared to TACO Tier I and SCGW SROs

	RESIDENTIAL		SCGW Class I pH DEPENDENT							Sample	B-5-0506
			pH 6.65 to 6.89	*pH 6.90 to 7.24*	*pH 7.25 to 7.74*	*pH 7.75 to 8.24*	*pH 8.25 to 8.74*	*pH 8.75 to 9.00*	*mg/L*	Date	1/16/2026
	Ingestion	*Inhalation*								Depth (ft)	5' - 6'
Inorganics											
Aluminum	NC	NC	NC	NC	NC	NC	NC	NC	NC		5100
Antimony	31	NC	5	5	5	5	5	5	NC		<1.32
Arsenic	13**	750	29	29	30	31	32	33	NC		***13.8***
Barium	5,500	690,000	1,600	1,700	1,800	2,100	2,100	2,100	NC		292
Beryllium	160	1,300	63	140	1,000	8,000	8,000	8,000	NC		0.969
Cadmium	78	1,800	7.5	11	59	430	430	430	NC		1.23
Calcium	NC	NC	NC	NC	NC	NC	NC	NC	NC		19300
Chromium	230	270	38	36	32	28	24	21	NC		15
Cobalt	4,700	NC	NC	NC	NC	NC	NC	NC	NC		5.13
Copper	2,900	NC	130,000	200,000	330,000	330,000	330,000	330,000	NC		139
Cyanide	1,600	NC	40	40	40	40	40	40	NC		<0.312
Iron	NC	NC	NC	NC	NC	NC	NC	NC	NC		12100
Lead	400	NC	107	107	107	107	107	282	NC		***1400***
Magnesium	325,000	NC	NC	NC	NC	NC	NC	NC	NC		6910
Manganese	1,600	69,000	NC	NC	NC	NC	NC	NC	NC		161
Mercury	23	10	2.1	3.3	6.4	8	8	8	NC		1.92
Nickel	1,600	13,000	130	180	700	3,800	3,800	3,800	NC		13.4
Potassium	NC	NC	NC	NC	NC	NC	NC	NC	NC		758
Selenium	390	NC	5.2	4.5	3.3	2.4	1.8	1.3	NC		2.06
Silver	390	NC	8.5	13	39	110	110	110	NC		<0.658
Sodium	NC	NC	NC	NC	NC	NC	NC	NC	NC		2040
Thallium	6.3	NC	2.8	3	3.4	3.8	4.4	4.9	NC		<0.658
Vanadium	550	NC	980	980	980	980	980	980	NC		19.1
Zinc	23,000	NC	6,200	7,500	16,000	53,000	53,000	53,000	NC		622
pH	NC	NC	NC	NC	NC	NC	NC	NC	NC		7.48
TCLP (mg/L)											
Aluminum	NC	NC	NC	NC	NC	NC	NC	NC	NC		NA
Antimony	NC	NC	NC	NC	NC	NC	NC	NC	0.006		NA
Arsenic	NC	NC	NC	NC	NC	NC	NC	NC	0.05		NA
Barium	NC	NC	NC	NC	NC	NC	NC	NC	2		NA
Beryllium	NC	NC	NC	NC	NC	NC	NC	NC	0.004		NA
Cadmium	NC	NC	NC	NC	NC	NC	NC	NC	0.005		NA
Calcium	NC	NC	NC	NC	NC	NC	NC	NC	NC		NA
Chromium	NC	NC	NC	NC	NC	NC	NC	NC	0.1		NA
Cobalt	NC	NC	NC	NC	NC	NC	NC	NC	1		NA
Copper	NC	NC	NC	NC	NC	NC	NC	NC	0.65		NA
Cyanide	NC	NC	NC	NC	NC	NC	NC	NC	0.2		NA
Iron	NC	NC	NC	NC	NC	NC	NC	NC	5		NA
Lead	NC	NC	NC	NC	NC	NC	NC	NC	0.0075		NA
Magnesium	NC	NC	NC	NC	NC	NC	NC	NC	NC		NA
Manganese	NC	NC	NC	NC	NC	NC	NC	NC	0.15		NA
Mercury	NC	NC	NC	NC	NC	NC	NC	NC	0.002		NA
Nickel	NC	NC	NC	NC	NC	NC	NC	NC	0.1		NA
Potassium	NC	NC	NC	NC	NC	NC	NC	NC	NC		NA
Selenium	NC	NC	NC	NC	NC	NC	NC	NC	0.05		NA
Silver	NC	NC	NC	NC	NC	NC	NC	NC	NC		NA
Sodium	NC	NC	NC	NC	NC	NC	NC	NC	NC		NA
Thallium	NC	NC	NC	NC	NC	NC	NC	NC	0.002		NA
Vanadium	NC	NC	NC	NC	NC	NC	NC	NC	0.049		NA
Zinc	NC	NC	NC	NC	NC	NC	NC	NC	5		NA

NOTES

1. Total Metal results expressed in milligrams per kilogram (mg/kg). TCLP/SPLP results expressed in milligrams per kilogram (mg/L).
2. NC = No toxicity criteria for this exposure route
3. NA = Not Analyzed
4. SCGW = Soil Component of the Groundwater
5. * = SCGW exposure route excluded under footnote " *m* " of TACO Section 742, Appendix B, Table B.
6. ** = Location specific background value

Project Location: MSA County

Sample result above TACO Residential Ingestion and/or Inhalation. Sample may also exceed SCGW.

Sample result above TACO SCGW Class I Ingestion Exposure Route screening criteria. Does not exceed TACO Residential.

TABLE 1d
Soil Analytical Results
Inorganics and pH Compared to TACO Tier I and SCGW SROs

	RESIDENTIAL		SCGW Class I pH DEPENDENT							Sample	B-5-1415
			pH 6.65 to 6.89	pH 6.90 to 7.24	pH 7.25 to 7.74	pH 7.75 to 8.24	pH 8.25 to 8.74	pH 8.75 to 9.00	mg/L	Date	1/16/2026
	Ingestion	Inhalation								Depth (ft)	14' - 15'
Inorganics											
Aluminum	NC	NC	NC	NC	NC	NC	NC	NC	NC		5800
Antimony	31	NC	5	5	5	5	5	5	NC		<1.25
Arsenic	13**	750	29	29	30	31	32	33	NC		6.05
Barium	5,500	690,000	1,600	1,700	1,800	2,100	2,100	2,100	NC		41.8
Beryllium	160	1,300	63	140	1,000	8,000	8,000	8,000	NC		0.374
Cadmium	78	1,800	7.5	11	59	430	430	430	NC		<0.313
Calcium	NC	NC	NC	NC	NC	NC	NC	NC	NC		43100
Chromium	230	270	38	36	32	28	24	21	NC		13.3
Cobalt	4,700	NC	NC	NC	NC	NC	NC	NC	NC		9.42
Copper	2,900	NC	130,000	200,000	330,000	330,000	330,000	330,000	NC		28
Cyanide	1,600	NC	40	40	40	40	40	40	NC		<0.291
Iron	NC	NC	NC	NC	NC	NC	NC	NC	NC		15800
Lead	400	NC	107	107	107	107	107	282	NC		42
Magnesium	325,000	NC	NC	NC	NC	NC	NC	NC	NC		21100
Manganese	1,600	69,000	NC	NC	NC	NC	NC	NC	NC		320
Mercury	23	10	2.1	3.3	6.4	8	8	8	NC		<0.0625
Nickel	1,600	13,000	130	180	700	3,800	3,800	3,800	NC		23.6
Potassium	NC	NC	NC	NC	NC	NC	NC	NC	NC		1330
Selenium	390	NC	5.2	4.5	3.3	2.4	1.8	1.3	NC		<0.627
Silver	390	NC	8.5	13	39	110	110	110	NC		<0.627
Sodium	NC	NC	NC	NC	NC	NC	NC	NC	NC		357
Thallium	6.3	NC	2.8	3	3.4	3.8	4.4	4.9	NC		<0.627
Vanadium	550	NC	980	980	980	980	980	980	NC		13.5
Zinc	23,000	NC	6,200	7,500	16,000	53,000	53,000	53,000	NC		48.7
pH	NC	NC	NC	NC	NC	NC	NC	NC	NC		7.22
TCLP (mg/L)											
Aluminum	NC	NC	NC	NC	NC	NC	NC	NC	NC		NA
Antimony	NC	NC	NC	NC	NC	NC	NC	NC	0.006		NA
Arsenic	NC	NC	NC	NC	NC	NC	NC	NC	0.05		NA
Barium	NC	NC	NC	NC	NC	NC	NC	NC	2		NA
Beryllium	NC	NC	NC	NC	NC	NC	NC	NC	0.004		NA
Cadmium	NC	NC	NC	NC	NC	NC	NC	NC	0.005		NA
Calcium	NC	NC	NC	NC	NC	NC	NC	NC	NC		NA
Chromium	NC	NC	NC	NC	NC	NC	NC	NC	0.1		NA
Cobalt	NC	NC	NC	NC	NC	NC	NC	NC	1		NA
Copper	NC	NC	NC	NC	NC	NC	NC	NC	0.65		NA
Cyanide	NC	NC	NC	NC	NC	NC	NC	NC	0.2		NA
Iron	NC	NC	NC	NC	NC	NC	NC	NC	5		NA
Lead	NC	NC	NC	NC	NC	NC	NC	NC	0.0075		NA
Magnesium	NC	NC	NC	NC	NC	NC	NC	NC	NC		NA
Manganese	NC	NC	NC	NC	NC	NC	NC	NC	0.15		NA
Mercury	NC	NC	NC	NC	NC	NC	NC	NC	0.002		NA
Nickel	NC	NC	NC	NC	NC	NC	NC	NC	0.1		NA
Potassium	NC	NC	NC	NC	NC	NC	NC	NC	NC		NA
Selenium	NC	NC	NC	NC	NC	NC	NC	NC	0.05		NA
Silver	NC	NC	NC	NC	NC	NC	NC	NC	NC		NA
Sodium	NC	NC	NC	NC	NC	NC	NC	NC	NC		NA
Thallium	NC	NC	NC	NC	NC	NC	NC	NC	0.002		NA
Vanadium	NC	NC	NC	NC	NC	NC	NC	NC	0.049		NA
Zinc	NC	NC	NC	NC	NC	NC	NC	NC	5		NA

NOTES

1. Total Metal results expressed in milligrams per kilogram (mg/kg). TCLP/SPLP results expressed in milligrams per kilogram (mg/L).
2. NC = No toxicity criteria for this exposure route
3. NA = Not Analyzed
4. SCGW = Soil Component of the Groundwater
5. * = SCGW exposure route excluded under footnote " *m* " of TACO Section 742, Appendix B, Table B.
6. ** = Location specific background value

Project Location: MSA County

Sample result above TACO Residential Ingestion and/or Inhalation. Sample may also exceed SCGW.

Sample result above TACO SCGW Class I Ingestion Exposure Route screening criteria. Does not exceed TACO Residential.

TABLE 1d
Soil Analytical Results
Inorganics and pH Compared to TACO Tier I and SCGW SROs

	RESIDENTIAL		SCGW Class I pH DEPENDENT							Sample	B-6-0607
			pH 6.65 to 6.89	*pH 6.90 to 7.24*	*pH 7.25 to 7.74*	*pH 7.75 to 8.24*	*pH 8.25 to 8.74*	*pH 8.75 to 9.00*	*mg/L*	Date	1/15/2026
	Ingestion	*Inhalation*								Depth (ft)	6' - 7'
Inorganics											
Aluminum	NC	NC	NC	NC	NC	NC	NC	NC	NC		4190
Antimony	31	NC	5	5	5	5	5	5	NC		<1.05
Arsenic	13**	750	29	29	30	31	32	33	NC		5.01
Barium	5,500	690,000	1,600	1,700	1,800	2,100	2,100	2,100	NC		12.7
Beryllium	160	1,300	63	140	1,000	8,000	8,000	8,000	NC		0.295
Cadmium	78	1,800	7.5	11	59	430	430	430	NC		<0.261
Calcium	NC	NC	NC	NC	NC	NC	NC	NC	NC		24000
Chromium	230	270	38	36	32	28	24	21	NC		8.93
Cobalt	4,700	NC	NC	NC	NC	NC	NC	NC	NC		5.29
Copper	2,900	NC	130,000	200,000	330,000	330,000	330,000	330,000	NC		15.3
Cyanide	1,600	NC	40	40	40	40	40	40	NC		<0.251
Iron	NC	NC	NC	NC	NC	NC	NC	NC	NC		14200
Lead	400	NC	107	107	107	107	107	282	NC		7.94
Magnesium	325,000	NC	NC	NC	NC	NC	NC	NC	NC		11600
Manganese	1,600	69,000	NC	NC	NC	NC	NC	NC	NC		172
Mercury	23	10	2.1	3.3	6.4	8	8	8	NC		<0.0495
Nickel	1,600	13,000	130	180	700	3,800	3,800	3,800	NC		17.4
Potassium	NC	NC	NC	NC	NC	NC	NC	NC	NC		797
Selenium	390	NC	5.2	4.5	3.3	2.4	1.8	1.3	NC		<0.523
Silver	390	NC	8.5	13	39	110	110	110	NC		<0.523
Sodium	NC	NC	NC	NC	NC	NC	NC	NC	NC		197
Thallium	6.3	NC	2.8	3	3.4	3.8	4.4	4.9	NC		<0.523
Vanadium	550	NC	980	980	980	980	980	980	NC		9.45
Zinc	23,000	NC	6,200	7,500	16,000	53,000	53,000	53,000	NC		25.7
pH	NC	NC	NC	NC	NC	NC	NC	NC	NC		7.82
TCLP (mg/L)											
Aluminum	NC	NC	NC	NC	NC	NC	NC	NC	NC		NA
Antimony	NC	NC	NC	NC	NC	NC	NC	NC	0.006		NA
Arsenic	NC	NC	NC	NC	NC	NC	NC	NC	0.05		NA
Barium	NC	NC	NC	NC	NC	NC	NC	NC	2		NA
Beryllium	NC	NC	NC	NC	NC	NC	NC	NC	0.004		NA
Cadmium	NC	NC	NC	NC	NC	NC	NC	NC	0.005		NA
Calcium	NC	NC	NC	NC	NC	NC	NC	NC	NC		NA
Chromium	NC	NC	NC	NC	NC	NC	NC	NC	0.1		NA
Cobalt	NC	NC	NC	NC	NC	NC	NC	NC	1		NA
Copper	NC	NC	NC	NC	NC	NC	NC	NC	0.65		NA
Cyanide	NC	NC	NC	NC	NC	NC	NC	NC	0.2		NA
Iron	NC	NC	NC	NC	NC	NC	NC	NC	5		NA
Lead	NC	NC	NC	NC	NC	NC	NC	NC	0.0075		NA
Magnesium	NC	NC	NC	NC	NC	NC	NC	NC	NC		NA
Manganese	NC	NC	NC	NC	NC	NC	NC	NC	0.15		NA
Mercury	NC	NC	NC	NC	NC	NC	NC	NC	0.002		NA
Nickel	NC	NC	NC	NC	NC	NC	NC	NC	0.1		NA
Potassium	NC	NC	NC	NC	NC	NC	NC	NC	NC		NA
Selenium	NC	NC	NC	NC	NC	NC	NC	NC	0.05		NA
Silver	NC	NC	NC	NC	NC	NC	NC	NC	NC		NA
Sodium	NC	NC	NC	NC	NC	NC	NC	NC	NC		NA
Thallium	NC	NC	NC	NC	NC	NC	NC	NC	0.002		NA
Vanadium	NC	NC	NC	NC	NC	NC	NC	NC	0.049		NA
Zinc	NC	NC	NC	NC	NC	NC	NC	NC	5		NA

NOTES

1. Total Metal results expressed in milligrams per kilogram (mg/kg). TCLP/SPLP results expressed in milligrams per kilogram (mg/L).
2. NC = No toxicity criteria for this exposure route
3. NA = Not Analyzed
4. SCGW = Soil Component of the Groundwater
5. * = SCGW exposure route excluded under footnote " *m* " of TACO Section 742, Appendix B, Table B.
6. ** = Location specific background value

Project Location: MSA County

Sample result above TACO Residential Ingestion and/or Inhalation. Sample may also exceed SCGW.

Sample result above TACO SCGW Class I Ingestion Exposure Route screening criteria. Does not exceed TACO Residential.

TABLE 1d
Soil Analytical Results
Inorganics and pH Compared to TACO Tier I and SCGW SROs

	RESIDENTIAL		SCGW Class I pH DEPENDENT							Sample	B-6-0910
			pH 6.65 to 6.89	*pH 6.90 to 7.24*	*pH 7.25 to 7.74*	*pH 7.75 to 8.24*	*pH 8.25 to 8.74*	*pH 8.75 to 9.00*	*mg/L*	Date	1/15/2026
	Ingestion	*Inhalation*								Depth (ft)	9' - 10'
Inorganics											
Aluminum	NC	NC	NC	NC	NC	NC	NC	NC	NC		4740
Antimony	31	NC	5	5	5	5	5	5	NC		<1.18
Arsenic	13**	750	29	29	30	31	32	33	NC		5.14
Barium	5,500	690,000	1,600	1,700	1,800	2,100	2,100	2,100	NC		26
Beryllium	160	1,300	63	140	1,000	8,000	8,000	8,000	NC		0.423
Cadmium	78	1,800	7.5	11	59	430	430	430	NC		<0.295
Calcium	NC	NC	NC	NC	NC	NC	NC	NC	NC		29500
Chromium	230	270	38	36	32	28	24	21	NC		9.97
Cobalt	4,700	NC	NC	NC	NC	NC	NC	NC	NC		7.26
Copper	2,900	NC	130,000	200,000	330,000	330,000	330,000	330,000	NC		15
Cyanide	1,600	NC	40	40	40	40	40	40	NC		<0.283
Iron	NC	NC	NC	NC	NC	NC	NC	NC	NC		11700
Lead	400	NC	107	107	107	107	107	282	NC		19.5
Magnesium	325,000	NC	NC	NC	NC	NC	NC	NC	NC		14000
Manganese	1,600	69,000	NC	NC	NC	NC	NC	NC	NC		213
Mercury	23	10	2.1	3.3	6.4	8	8	8	NC		<0.0576
Nickel	1,600	13,000	130	180	700	3,800	3,800	3,800	NC		18.2
Potassium	NC	NC	NC	NC	NC	NC	NC	NC	NC		1090
Selenium	390	NC	5.2	4.5	3.3	2.4	1.8	1.3	NC		<0.590
Silver	390	NC	8.5	13	39	110	110	110	NC		<0.590
Sodium	NC	NC	NC	NC	NC	NC	NC	NC	NC		104
Thallium	6.3	NC	2.8	3	3.4	3.8	4.4	4.9	NC		<0.590
Vanadium	550	NC	980	980	980	980	980	980	NC		10.1
Zinc	23,000	NC	6,200	7,500	16,000	53,000	53,000	53,000	NC		27
pH	NC	NC	NC	NC	NC	NC	NC	NC	NC		7.86
TCLP (mg/L)											
Aluminum	NC	NC	NC	NC	NC	NC	NC	NC	NC		NA
Antimony	NC	NC	NC	NC	NC	NC	NC	NC	0.006		NA
Arsenic	NC	NC	NC	NC	NC	NC	NC	NC	0.05		NA
Barium	NC	NC	NC	NC	NC	NC	NC	NC	2		NA
Beryllium	NC	NC	NC	NC	NC	NC	NC	NC	0.004		NA
Cadmium	NC	NC	NC	NC	NC	NC	NC	NC	0.005		NA
Calcium	NC	NC	NC	NC	NC	NC	NC	NC	NC		NA
Chromium	NC	NC	NC	NC	NC	NC	NC	NC	0.1		NA
Cobalt	NC	NC	NC	NC	NC	NC	NC	NC	1		NA
Copper	NC	NC	NC	NC	NC	NC	NC	NC	0.65		NA
Cyanide	NC	NC	NC	NC	NC	NC	NC	NC	0.2		NA
Iron	NC	NC	NC	NC	NC	NC	NC	NC	5		NA
Lead	NC	NC	NC	NC	NC	NC	NC	NC	0.0075		NA
Magnesium	NC	NC	NC	NC	NC	NC	NC	NC	NC		NA
Manganese	NC	NC	NC	NC	NC	NC	NC	NC	0.15		NA
Mercury	NC	NC	NC	NC	NC	NC	NC	NC	0.002		NA
Nickel	NC	NC	NC	NC	NC	NC	NC	NC	0.1		NA
Potassium	NC	NC	NC	NC	NC	NC	NC	NC	NC		NA
Selenium	NC	NC	NC	NC	NC	NC	NC	NC	0.05		NA
Silver	NC	NC	NC	NC	NC	NC	NC	NC	NC		NA
Sodium	NC	NC	NC	NC	NC	NC	NC	NC	NC		NA
Thallium	NC	NC	NC	NC	NC	NC	NC	NC	0.002		NA
Vanadium	NC	NC	NC	NC	NC	NC	NC	NC	0.049		NA
Zinc	NC	NC	NC	NC	NC	NC	NC	NC	5		NA

NOTES

1. Total Metal results expressed in milligrams per kilogram (mg/kg). TCLP/SPLP results expressed in milligrams per kilogram (mg/L).
2. NC = No toxicity criteria for this exposure route
3. NA = Not Analyzed
4. SCGW = Soil Component of the Groundwater
5. * = SCGW exposure route excluded under footnote " *m* " of TACO Section 742, Appendix B, Table B.
6. ** = Location specific background value

Project Location: MSA County

Sample result above TACO Residential Ingestion and/or Inhalation. Sample may also exceed SCGW.

Sample result above TACO SCGW Class I Ingestion Exposure Route screening criteria. Does not exceed TACO Residential.

TABLE 1d
Soil Analytical Results
Inorganics and pH Compared to TACO Tier I and SCGW SROs

	RESIDENTIAL		SCGW Class I pH DEPENDENT							Sample	B-7-0809
			pH 6.65 to 6.89	*pH 6.90 to 7.24*	*pH 7.25 to 7.74*	*pH 7.75 to 8.24*	*pH 8.25 to 8.74*	*pH 8.75 to 9.00*	*mg/L*	Date	1/16/2026
	Ingestion	*Inhalation*								Depth (ft)	8' - 9'
Inorganics											
Aluminum	NC	NC	NC	NC	NC	NC	NC	NC	NC		5420
Antimony	31	NC	5	5	5	5	5	5	NC		<1.22
Arsenic	13**	750	29	29	30	31	32	33	NC		4.69
Barium	5,500	690,000	1,600	1,700	1,800	2,100	2,100	2,100	NC		45.9
Beryllium	160	1,300	63	140	1,000	8,000	8,000	8,000	NC		0.395
Cadmium	78	1,800	7.5	11	59	430	430	430	NC		<0.304
Calcium	NC	NC	NC	NC	NC	NC	NC	NC	NC		16000
Chromium	230	270	38	36	32	28	24	21	NC		14.1
Cobalt	4,700	NC	NC	NC	NC	NC	NC	NC	NC		7.34
Copper	2,900	NC	130,000	200,000	330,000	330,000	330,000	330,000	NC		23.6
Cyanide	1,600	NC	40	40	40	40	40	40	NC		<0.284
Iron	NC	NC	NC	NC	NC	NC	NC	NC	NC		14100
Lead	400	NC	107	107	107	107	107	282	NC		35.1
Magnesium	325,000	NC	NC	NC	NC	NC	NC	NC	NC		9030
Manganese	1,600	69,000	NC	NC	NC	NC	NC	NC	NC		180
Mercury	23	10	2.1	3.3	6.4	8	8	8	NC		0.205
Nickel	1,600	13,000	130	180	700	3,800	3,800	3,800	NC		20.5
Potassium	NC	NC	NC	NC	NC	NC	NC	NC	NC		984
Selenium	390	NC	5.2	4.5	3.3	2.4	1.8	1.3	NC		<0.608
Silver	390	NC	8.5	13	39	110	110	110	NC		<0.608
Sodium	NC	NC	NC	NC	NC	NC	NC	NC	NC		1250
Thallium	6.3	NC	2.8	3	3.4	3.8	4.4	4.9	NC		<0.608
Vanadium	550	NC	980	980	980	980	980	980	NC		15.8
Zinc	23,000	NC	6,200	7,500	16,000	53,000	53,000	53,000	NC		44
pH	NC	NC	NC	NC	NC	NC	NC	NC	NC		8.30
TCLP (mg/L)											
Aluminum	NC	NC	NC	NC	NC	NC	NC	NC	NC		NA
Antimony	NC	NC	NC	NC	NC	NC	NC	NC	0.006		NA
Arsenic	NC	NC	NC	NC	NC	NC	NC	NC	0.05		NA
Barium	NC	NC	NC	NC	NC	NC	NC	NC	2		NA
Beryllium	NC	NC	NC	NC	NC	NC	NC	NC	0.004		NA
Cadmium	NC	NC	NC	NC	NC	NC	NC	NC	0.005		NA
Calcium	NC	NC	NC	NC	NC	NC	NC	NC	NC		NA
Chromium	NC	NC	NC	NC	NC	NC	NC	NC	0.1		NA
Cobalt	NC	NC	NC	NC	NC	NC	NC	NC	1		NA
Copper	NC	NC	NC	NC	NC	NC	NC	NC	0.65		NA
Cyanide	NC	NC	NC	NC	NC	NC	NC	NC	0.2		NA
Iron	NC	NC	NC	NC	NC	NC	NC	NC	5		NA
Lead	NC	NC	NC	NC	NC	NC	NC	NC	0.0075		NA
Magnesium	NC	NC	NC	NC	NC	NC	NC	NC	NC		NA
Manganese	NC	NC	NC	NC	NC	NC	NC	NC	0.15		NA
Mercury	NC	NC	NC	NC	NC	NC	NC	NC	0.002		NA
Nickel	NC	NC	NC	NC	NC	NC	NC	NC	0.1		NA
Potassium	NC	NC	NC	NC	NC	NC	NC	NC	NC		NA
Selenium	NC	NC	NC	NC	NC	NC	NC	NC	0.05		NA
Silver	NC	NC	NC	NC	NC	NC	NC	NC	NC		NA
Sodium	NC	NC	NC	NC	NC	NC	NC	NC	NC		NA
Thallium	NC	NC	NC	NC	NC	NC	NC	NC	0.002		NA
Vanadium	NC	NC	NC	NC	NC	NC	NC	NC	0.049		NA
Zinc	NC	NC	NC	NC	NC	NC	NC	NC	5		NA

NOTES

1. Total Metal results expressed in milligrams per kilogram (mg/kg). TCLP/SPLP results expressed in milligrams per kilogram (mg/L).
2. NC = No toxicity criteria for this exposure route
3. NA = Not Analyzed
4. SCGW = Soil Component of the Groundwater
5. * = SCGW exposure route excluded under footnote " *m* " of TACO Section 742, Appendix B, Table B.
6. ** = Location specific background value

Project Location: MSA County

Sample result above TACO Residential Ingestion and/or Inhalation. Sample may also exceed SCGW.

Sample result above TACO SCGW Class I Ingestion Exposure Route screening criteria. Does not exceed TACO Residential.

TABLE 1d
Soil Analytical Results
Inorganics and pH Compared to TACO Tier I and SCGW SROs

	RESIDENTIAL		SCGW Class I pH DEPENDENT							Sample	B-8-0607
			pH 6.65 to 6.89	*pH 6.90 to 7.24*	*pH 7.25 to 7.74*	*pH 7.75 to 8.24*	*pH 8.25 to 8.74*	*pH 8.75 to 9.00*	*mg/L*	Date	1/16/2026
	Ingestion	*Inhalation*								Depth (ft)	6' - 7'
Inorganics											
Aluminum	NC	NC	NC	NC	NC	NC	NC	NC	NC		5080
Antimony	31	NC	5	5	5	5	5	5	NC		<1.24
Arsenic	13**	750	29	29	30	31	32	33	NC		5.83
Barium	5,500	690,000	1,600	1,700	1,800	2,100	2,100	2,100	NC		188
Beryllium	160	1,300	63	140	1,000	8,000	8,000	8,000	NC		0.482
Cadmium	78	1,800	7.5	11	59	430	430	430	NC		0.552
Calcium	NC	NC	NC	NC	NC	NC	NC	NC	NC		33500
Chromium	230	270	38	36	32	28	24	21	NC		13
Cobalt	4,700	NC	NC	NC	NC	NC	NC	NC	NC		6.34
Copper	2,900	NC	130,000	200,000	330,000	330,000	330,000	330,000	NC		28.7
Cyanide	1,600	NC	40	40	40	40	40	40	NC		<0.299
Iron	NC	NC	NC	NC	NC	NC	NC	NC	NC		11700
Lead	400	NC	107	107	107	107	107	282	NC		***122***
Magnesium	325,000	NC	NC	NC	NC	NC	NC	NC	NC		13400
Manganese	1,600	69,000	NC	NC	NC	NC	NC	NC	NC		212
Mercury	23	10	2.1	3.3	6.4	8	8	8	NC		0.163
Nickel	1,600	13,000	130	180	700	3,800	3,800	3,800	NC		16
Potassium	NC	NC	NC	NC	NC	NC	NC	NC	NC		852
Selenium	390	NC	5.2	4.5	3.3	2.4	1.8	1.3	NC		<0.618
Silver	390	NC	8.5	13	39	110	110	110	NC		<0.618
Sodium	NC	NC	NC	NC	NC	NC	NC	NC	NC		1070
Thallium	6.3	NC	2.8	3	3.4	3.8	4.4	4.9	NC		<0.618
Vanadium	550	NC	980	980	980	980	980	980	NC		13.5
Zinc	23,000	NC	6,200	7,500	16,000	53,000	53,000	53,000	NC		190
pH	NC	NC	NC	NC	NC	NC	NC	NC	NC		8.46
TCLP (mg/L)											
Aluminum	NC	NC	NC	NC	NC	NC	NC	NC	NC		NA
Antimony	NC	NC	NC	NC	NC	NC	NC	NC	0.006		NA
Arsenic	NC	NC	NC	NC	NC	NC	NC	NC	0.05		NA
Barium	NC	NC	NC	NC	NC	NC	NC	NC	2		NA
Beryllium	NC	NC	NC	NC	NC	NC	NC	NC	0.004		NA
Cadmium	NC	NC	NC	NC	NC	NC	NC	NC	0.005		NA
Calcium	NC	NC	NC	NC	NC	NC	NC	NC	NC		NA
Chromium	NC	NC	NC	NC	NC	NC	NC	NC	0.1		NA
Cobalt	NC	NC	NC	NC	NC	NC	NC	NC	1		NA
Copper	NC	NC	NC	NC	NC	NC	NC	NC	0.65		NA
Cyanide	NC	NC	NC	NC	NC	NC	NC	NC	0.2		NA
Iron	NC	NC	NC	NC	NC	NC	NC	NC	5		NA
Lead	NC	NC	NC	NC	NC	NC	NC	NC	0.0075		NA
Magnesium	NC	NC	NC	NC	NC	NC	NC	NC	NC		NA
Manganese	NC	NC	NC	NC	NC	NC	NC	NC	0.15		NA
Mercury	NC	NC	NC	NC	NC	NC	NC	NC	0.002		NA
Nickel	NC	NC	NC	NC	NC	NC	NC	NC	0.1		NA
Potassium	NC	NC	NC	NC	NC	NC	NC	NC	NC		NA
Selenium	NC	NC	NC	NC	NC	NC	NC	NC	0.05		NA
Silver	NC	NC	NC	NC	NC	NC	NC	NC	NC		NA
Sodium	NC	NC	NC	NC	NC	NC	NC	NC	NC		NA
Thallium	NC	NC	NC	NC	NC	NC	NC	NC	0.002		NA
Vanadium	NC	NC	NC	NC	NC	NC	NC	NC	0.049		NA
Zinc	NC	NC	NC	NC	NC	NC	NC	NC	5		NA

NOTES

1. Total Metal results expressed in milligrams per kilogram (mg/kg). TCLP/SPLP results expressed in milligrams per kilogram (mg/L).
2. NC = No toxicity criteria for this exposure route
3. NA = Not Analyzed
4. SCGW = Soil Component of the Groundwater
5. * = SCGW exposure route excluded under footnote " *m* " of TACO Section 742, Appendix B, Table B.
6. ** = Location specific background value

Project Location: MSA County

Sample result above TACO Residential Ingestion and/or Inhalation. Sample may also exceed SCGW.

Sample result above TACO SCGW Class I Ingestion Exposure Route screening criteria. Does not exceed TACO Residential.

TABLE 1d
Soil Analytical Results
Inorganics and pH Compared to TACO Tier I and SCGW SROs

	RESIDENTIAL		SCGW Class I pH DEPENDENT							Sample	B-8-1112
			pH 6.65 to 6.89	*pH 6.90 to 7.24*	*pH 7.25 to 7.74*	*pH 7.75 to 8.24*	*pH 8.25 to 8.74*	*pH 8.75 to 9.00*	*mg/L*	Date	1/16/2026
	Ingestion	*Inhalation*								Depth (ft)	11' - 12'
Inorganics											
Aluminum	NC	NC	NC	NC	NC	NC	NC	NC	NC		6650
Antimony	31	NC	5	5	5	5	5	5	NC		<1.17
Arsenic	13**	750	29	29	30	31	32	33	NC		***15.7***
Barium	5,500	690,000	1,600	1,700	1,800	2,100	2,100	2,100	NC		68.5
Beryllium	160	1,300	63	140	1,000	8,000	8,000	8,000	NC		0.405
Cadmium	78	1,800	7.5	11	59	430	430	430	NC		<0.293
Calcium	NC	NC	NC	NC	NC	NC	NC	NC	NC		39900
Chromium	230	270	38	36	32	28	24	21	NC		15.1
Cobalt	4,700	NC	NC	NC	NC	NC	NC	NC	NC		13.3
Copper	2,900	NC	130,000	200,000	330,000	330,000	330,000	330,000	NC		31.3
Cyanide	1,600	NC	40	40	40	40	40	40	NC		<0.281
Iron	NC	NC	NC	NC	NC	NC	NC	NC	NC		25900
Lead	400	NC	107	107	107	107	107	282	NC		26.9
Magnesium	325,000	NC	NC	NC	NC	NC	NC	NC	NC		20400
Manganese	1,600	69,000	NC	NC	NC	NC	NC	NC	NC		378
Mercury	23	10	2.1	3.3	6.4	8	8	8	NC		<0.0584
Nickel	1,600	13,000	130	180	700	3,800	3,800	3,800	NC		34.7
Potassium	NC	NC	NC	NC	NC	NC	NC	NC	NC		1330
Selenium	390	NC	5.2	4.5	3.3	2.4	1.8	1.3	NC		<0.587
Silver	390	NC	8.5	13	39	110	110	110	NC		<0.587
Sodium	NC	NC	NC	NC	NC	NC	NC	NC	NC		627
Thallium	6.3	NC	2.8	3	3.4	3.8	4.4	4.9	NC		<0.587
Vanadium	550	NC	980	980	980	980	980	980	NC		15.6
Zinc	23,000	NC	6,200	7,500	16,000	53,000	53,000	53,000	NC		66
pH	NC	NC	NC	NC	NC	NC	NC	NC	NC		6.74
TCLP (mg/L)											
Aluminum	NC	NC	NC	NC	NC	NC	NC	NC	NC		NA
Antimony	NC	NC	NC	NC	NC	NC	NC	NC	0.006		NA
Arsenic	NC	NC	NC	NC	NC	NC	NC	NC	0.05		NA
Barium	NC	NC	NC	NC	NC	NC	NC	NC	2		NA
Beryllium	NC	NC	NC	NC	NC	NC	NC	NC	0.004		NA
Cadmium	NC	NC	NC	NC	NC	NC	NC	NC	0.005		NA
Calcium	NC	NC	NC	NC	NC	NC	NC	NC	NC		NA
Chromium	NC	NC	NC	NC	NC	NC	NC	NC	0.1		NA
Cobalt	NC	NC	NC	NC	NC	NC	NC	NC	1		NA
Copper	NC	NC	NC	NC	NC	NC	NC	NC	0.65		NA
Cyanide	NC	NC	NC	NC	NC	NC	NC	NC	0.2		NA
Iron	NC	NC	NC	NC	NC	NC	NC	NC	5		<0.375
Lead	NC	NC	NC	NC	NC	NC	NC	NC	0.0075		NA
Magnesium	NC	NC	NC	NC	NC	NC	NC	NC	NC		NA
Manganese	NC	NC	NC	NC	NC	NC	NC	NC	0.15		NA
Mercury	NC	NC	NC	NC	NC	NC	NC	NC	0.002		NA
Nickel	NC	NC	NC	NC	NC	NC	NC	NC	0.1		NA
Potassium	NC	NC	NC	NC	NC	NC	NC	NC	NC		NA
Selenium	NC	NC	NC	NC	NC	NC	NC	NC	0.05		NA
Silver	NC	NC	NC	NC	NC	NC	NC	NC	NC		NA
Sodium	NC	NC	NC	NC	NC	NC	NC	NC	NC		NA
Thallium	NC	NC	NC	NC	NC	NC	NC	NC	0.002		NA
Vanadium	NC	NC	NC	NC	NC	NC	NC	NC	0.049		NA
Zinc	NC	NC	NC	NC	NC	NC	NC	NC	5		NA

NOTES

1. Total Metal results expressed in milligrams per kilogram (mg/kg). TCLP/SPLP results expressed in milligrams per kilogram (mg/L).
2. NC = No toxicity criteria for this exposure route
3. NA = Not Analyzed
4. SCGW = Soil Component of the Groundwater
5. * = SCGW exposure route excluded under footnote " *m* " of TACO Section 742, Appendix B, Table B.
6. ** = Location specific background value

Project Location: MSA County

Sample result above TACO Residential Ingestion and/or Inhalation. Sample may also exceed SCGW.

Sample result above TACO SCGW Class I Ingestion Exposure Route screening criteria. Does not exceed TACO Residential.

TABLE 1d
Soil Analytical Results
Inorganics and pH Compared to TACO Tier I and SCGW SROs

	RESIDENTIAL		SCGW Class I pH DEPENDENT							Sample	B-9-0809
			pH 6.65 to 6.89	pH 6.90 to 7.24	pH 7.25 to 7.74	pH 7.75 to 8.24	pH 8.25 to 8.74	pH 8.75 to 9.00	mg/L	Date	1/15/2026
	Ingestion	Inhalation								Depth (ft)	8' - 9'
Inorganics											
Aluminum	NC	NC	NC	NC	NC	NC	NC	NC	NC		6130
Antimony	31	NC	5	5	5	5	5	5	NC		<1.18
Arsenic	13**	750	29	29	30	31	32	33	NC		5.84
Barium	5,500	690,000	1,600	1,700	1,800	2,100	2,100	2,100	NC		34
Beryllium	160	1,300	63	140	1,000	8,000	8,000	8,000	NC		0.439
Cadmium	78	1,800	7.5	11	59	430	430	430	NC		<0.295
Calcium	NC	NC	NC	NC	NC	NC	NC	NC	NC		24200
Chromium	230	270	38	36	32	28	24	21	NC		13
Cobalt	4,700	NC	NC	NC	NC	NC	NC	NC	NC		8.32
Copper	2,900	NC	130,000	200,000	330,000	330,000	330,000	330,000	NC		20.5
Cyanide	1,600	NC	40	40	40	40	40	40	NC		<0.285
Iron	NC	NC	NC	NC	NC	NC	NC	NC	NC		17100
Lead	400	NC	107	107	107	107	107	282	NC		11.6
Magnesium	325,000	NC	NC	NC	NC	NC	NC	NC	NC		13700
Manganese	1,600	69,000	NC	NC	NC	NC	NC	NC	NC		218
Mercury	23	10	2.1	3.3	6.4	8	8	8	NC		<0.0569
Nickel	1,600	13,000	130	180	700	3,800	3,800	3,800	NC		25.4
Potassium	NC	NC	NC	NC	NC	NC	NC	NC	NC		1210
Selenium	390	NC	5.2	4.5	3.3	2.4	1.8	1.3	NC		<0.589
Silver	390	NC	8.5	13	39	110	110	110	NC		<0.589
Sodium	NC	NC	NC	NC	NC	NC	NC	NC	NC		1080
Thallium	6.3	NC	2.8	3	3.4	3.8	4.4	4.9	NC		<0.589
Vanadium	550	NC	980	980	980	980	980	980	NC		14.3
Zinc	23,000	NC	6,200	7,500	16,000	53,000	53,000	53,000	NC		39.4
pH	NC	NC	NC	NC	NC	NC	NC	NC	NC		8.48
TCLP (mg/L)											
Aluminum	NC	NC	NC	NC	NC	NC	NC	NC	NC		NA
Antimony	NC	NC	NC	NC	NC	NC	NC	NC	0.006		NA
Arsenic	NC	NC	NC	NC	NC	NC	NC	NC	0.05		NA
Barium	NC	NC	NC	NC	NC	NC	NC	NC	2		NA
Beryllium	NC	NC	NC	NC	NC	NC	NC	NC	0.004		NA
Cadmium	NC	NC	NC	NC	NC	NC	NC	NC	0.005		NA
Calcium	NC	NC	NC	NC	NC	NC	NC	NC	NC		NA
Chromium	NC	NC	NC	NC	NC	NC	NC	NC	0.1		NA
Cobalt	NC	NC	NC	NC	NC	NC	NC	NC	1		NA
Copper	NC	NC	NC	NC	NC	NC	NC	NC	0.65		NA
Cyanide	NC	NC	NC	NC	NC	NC	NC	NC	0.2		NA
Iron	NC	NC	NC	NC	NC	NC	NC	NC	5		NA
Lead	NC	NC	NC	NC	NC	NC	NC	NC	0.0075		NA
Magnesium	NC	NC	NC	NC	NC	NC	NC	NC	NC		NA
Manganese	NC	NC	NC	NC	NC	NC	NC	NC	0.15		NA
Mercury	NC	NC	NC	NC	NC	NC	NC	NC	0.002		NA
Nickel	NC	NC	NC	NC	NC	NC	NC	NC	0.1		NA
Potassium	NC	NC	NC	NC	NC	NC	NC	NC	NC		NA
Selenium	NC	NC	NC	NC	NC	NC	NC	NC	0.05		NA
Silver	NC	NC	NC	NC	NC	NC	NC	NC	NC		NA
Sodium	NC	NC	NC	NC	NC	NC	NC	NC	NC		NA
Thallium	NC	NC	NC	NC	NC	NC	NC	NC	0.002		NA
Vanadium	NC	NC	NC	NC	NC	NC	NC	NC	0.049		NA
Zinc	NC	NC	NC	NC	NC	NC	NC	NC	5		NA

NOTES

1. Total Metal results expressed in milligrams per kilogram (mg/kg). TCLP/SPLP results expressed in milligrams per kilogram (mg/L).
2. NC = No toxicity criteria for this exposure route
3. NA = Not Analyzed
4. SCGW = Soil Component of the Groundwater
5. * = SCGW exposure route excluded under footnote " *m* " of TACO Section 742, Appendix B, Table B.
6. ** = Location specific background value

Project Location: MSA County

Sample result above TACO Residential Ingestion and/or Inhalation. Sample may also exceed SCGW.

Sample result above TACO SCGW Class I Ingestion Exposure Route screening criteria. Does not exceed TACO Residential.

TABLE 1d
Soil Analytical Results
Inorganics and pH Compared to TACO Tier I and SCGW SROs

	RESIDENTIAL		SCGW Class I pH DEPENDENT							Sample	B-10-0607
			pH 6.65 to 6.89	pH 6.90 to 7.24	pH 7.25 to 7.74	pH 7.75 to 8.24	pH 8.25 to 8.74	pH 8.75 to 9.00	mg/L	Date	1/15/2026
	Ingestion	Inhalation								Depth (ft)	6' - 7'
Inorganics											
Aluminum	NC	NC	NC	NC	NC	NC	NC	NC	NC		5920
Antimony	31	NC	5	5	5	5	5	5	NC		<1.14
Arsenic	13**	750	29	29	30	31	32	33	NC		6.46
Barium	5,500	690,000	1,600	1,700	1,800	2,100	2,100	2,100	NC		24.3
Beryllium	160	1,300	63	140	1,000	8,000	8,000	8,000	NC		0.361
Cadmium	78	1,800	7.5	11	59	430	430	430	NC		<0.286
Calcium	NC	NC	NC	NC	NC	NC	NC	NC	NC		37600
Chromium	230	270	38	36	32	28	24	21	NC		12.9
Cobalt	4,700	NC	NC	NC	NC	NC	NC	NC	NC		8.77
Copper	2,900	NC	130,000	200,000	330,000	330,000	330,000	330,000	NC		23.2
Cyanide	1,600	NC	40	40	40	40	40	40	NC		<0.270
Iron	NC	NC	NC	NC	NC	NC	NC	NC	NC		16500
Lead	400	NC	107	107	107	107	107	282	NC		12.9
Magnesium	325,000	NC	NC	NC	NC	NC	NC	NC	NC		20000
Manganese	1,600	69,000	NC	NC	NC	NC	NC	NC	NC		295
Mercury	23	10	2.1	3.3	6.4	8	8	8	NC		<0.0557
Nickel	1,600	13,000	130	180	700	3,800	3,800	3,800	NC		26.2
Potassium	NC	NC	NC	NC	NC	NC	NC	NC	NC		1290
Selenium	390	NC	5.2	4.5	3.3	2.4	1.8	1.3	NC		<0.572
Silver	390	NC	8.5	13	39	110	110	110	NC		<0.572
Sodium	NC	NC	NC	NC	NC	NC	NC	NC	NC		592
Thallium	6.3	NC	2.8	3	3.4	3.8	4.4	4.9	NC		0.572
Vanadium	550	NC	980	980	980	980	980	980	NC		13.1
Zinc	23,000	NC	6,200	7,500	16,000	53,000	53,000	53,000	NC		34.8
pH	NC	NC	NC	NC	NC	NC	NC	NC	NC		8.56
TCLP (mg/L)											
Aluminum	NC	NC	NC	NC	NC	NC	NC	NC	NC		NA
Antimony	NC	NC	NC	NC	NC	NC	NC	NC	0.006		NA
Arsenic	NC	NC	NC	NC	NC	NC	NC	NC	0.05		NA
Barium	NC	NC	NC	NC	NC	NC	NC	NC	2		NA
Beryllium	NC	NC	NC	NC	NC	NC	NC	NC	0.004		NA
Cadmium	NC	NC	NC	NC	NC	NC	NC	NC	0.005		NA
Calcium	NC	NC	NC	NC	NC	NC	NC	NC	NC		NA
Chromium	NC	NC	NC	NC	NC	NC	NC	NC	0.1		NA
Cobalt	NC	NC	NC	NC	NC	NC	NC	NC	1		NA
Copper	NC	NC	NC	NC	NC	NC	NC	NC	0.65		NA
Cyanide	NC	NC	NC	NC	NC	NC	NC	NC	0.2		NA
Iron	NC	NC	NC	NC	NC	NC	NC	NC	5		NA
Lead	NC	NC	NC	NC	NC	NC	NC	NC	0.0075		NA
Magnesium	NC	NC	NC	NC	NC	NC	NC	NC	NC		NA
Manganese	NC	NC	NC	NC	NC	NC	NC	NC	0.15		NA
Mercury	NC	NC	NC	NC	NC	NC	NC	NC	0.002		NA
Nickel	NC	NC	NC	NC	NC	NC	NC	NC	0.1		NA
Potassium	NC	NC	NC	NC	NC	NC	NC	NC	NC		NA
Selenium	NC	NC	NC	NC	NC	NC	NC	NC	0.05		NA
Silver	NC	NC	NC	NC	NC	NC	NC	NC	NC		NA
Sodium	NC	NC	NC	NC	NC	NC	NC	NC	NC		NA
Thallium	NC	NC	NC	NC	NC	NC	NC	NC	0.002		NA
Vanadium	NC	NC	NC	NC	NC	NC	NC	NC	0.049		NA
Zinc	NC	NC	NC	NC	NC	NC	NC	NC	5		NA

NOTES

1. Total Metal results expressed in milligrams per kilogram (mg/kg). TCLP/SPLP results expressed in milligrams per kilogram (mg/L).
2. NC = No toxicity criteria for this exposure route
3. NA = Not Analyzed
4. SCGW = Soil Component of the Groundwater
5. * = SCGW exposure route excluded under footnote " *m* " of TACO Section 742, Appendix B, Table B.
6. ** = Location specific background value

Project Location: MSA County

Sample result above TACO Residential Ingestion and/or Inhalation. Sample may also exceed SCGW.

Sample result above TACO SCGW Class I Ingestion Exposure Route screening criteria. Does not exceed TACO Residential.

TABLE 1d
Soil Analytical Results
Inorganics and pH Compared to TACO Tier I and SCGW SROs

	RESIDENTIAL		SCGW Class I pH DEPENDENT							Sample	B-10-1112
			pH 6.65 to 6.89	pH 6.90 to 7.24	pH 7.25 to 7.74	pH 7.75 to 8.24	pH 8.25 to 8.74	pH 8.75 to 9.00	mg/L	Date	1/15/2026
	Ingestion	Inhalation								Depth (ft)	11' - 12'
Inorganics											
Aluminum	NC	NC	NC	NC	NC	NC	NC	NC	NC		4750
Antimony	31	NC	5	5	5	5	5	5	NC		<1.19
Arsenic	13**	750	29	29	30	31	32	33	NC		4.96
Barium	5,500	690,000	1,600	1,700	1,800	2,100	2,100	2,100	NC		24
Beryllium	160	1,300	63	140	1,000	8,000	8,000	8,000	NC		0.306
Cadmium	78	1,800	7.5	11	59	430	430	430	NC		<0.297
Calcium	NC	NC	NC	NC	NC	NC	NC	NC	NC		29800
Chromium	230	270	38	36	32	28	24	21	NC		10.7
Cobalt	4,700	NC	NC	NC	NC	NC	NC	NC	NC		8.08
Copper	2,900	NC	130,000	200,000	330,000	330,000	330,000	330,000	NC		18.2
Cyanide	1,600	NC	40	40	40	40	40	40	NC		<0.281
Iron	NC	NC	NC	NC	NC	NC	NC	NC	NC		12600
Lead	400	NC	107	107	107	107	107	282	NC		9.45
Magnesium	325,000	NC	NC	NC	NC	NC	NC	NC	NC		14200
Manganese	1,600	69,000	NC	NC	NC	NC	NC	NC	NC		208
Mercury	23	10	2.1	3.3	6.4	8	8	8	NC		<0.0569
Nickel	1,600	13,000	130	180	700	3,800	3,800	3,800	NC		21.7
Potassium	NC	NC	NC	NC	NC	NC	NC	NC	NC		1130
Selenium	390	NC	5.2	4.5	3.3	2.4	1.8	1.3	NC		<0.594
Silver	390	NC	8.5	13	39	110	110	110	NC		<0.594
Sodium	NC	NC	NC	NC	NC	NC	NC	NC	NC		270
Thallium	6.3	NC	2.8	3	3.4	3.8	4.4	4.9	NC		<0.594
Vanadium	550	NC	980	980	980	980	980	980	NC		11.2
Zinc	23,000	NC	6,200	7,500	16,000	53,000	53,000	53,000	NC		29.7
pH	NC	NC	NC	NC	NC	NC	NC	NC	NC		8.21
TCLP (mg/L)											
Aluminum	NC	NC	NC	NC	NC	NC	NC	NC	NC		NA
Antimony	NC	NC	NC	NC	NC	NC	NC	NC	0.006		NA
Arsenic	NC	NC	NC	NC	NC	NC	NC	NC	0.05		NA
Barium	NC	NC	NC	NC	NC	NC	NC	NC	2		NA
Beryllium	NC	NC	NC	NC	NC	NC	NC	NC	0.004		NA
Cadmium	NC	NC	NC	NC	NC	NC	NC	NC	0.005		NA
Calcium	NC	NC	NC	NC	NC	NC	NC	NC	NC		NA
Chromium	NC	NC	NC	NC	NC	NC	NC	NC	0.1		NA
Cobalt	NC	NC	NC	NC	NC	NC	NC	NC	1		NA
Copper	NC	NC	NC	NC	NC	NC	NC	NC	0.65		NA
Cyanide	NC	NC	NC	NC	NC	NC	NC	NC	0.2		NA
Iron	NC	NC	NC	NC	NC	NC	NC	NC	5		NA
Lead	NC	NC	NC	NC	NC	NC	NC	NC	0.0075		NA
Magnesium	NC	NC	NC	NC	NC	NC	NC	NC	NC		NA
Manganese	NC	NC	NC	NC	NC	NC	NC	NC	0.15		NA
Mercury	NC	NC	NC	NC	NC	NC	NC	NC	0.002		NA
Nickel	NC	NC	NC	NC	NC	NC	NC	NC	0.1		NA
Potassium	NC	NC	NC	NC	NC	NC	NC	NC	NC		NA
Selenium	NC	NC	NC	NC	NC	NC	NC	NC	0.05		NA
Silver	NC	NC	NC	NC	NC	NC	NC	NC	NC		NA
Sodium	NC	NC	NC	NC	NC	NC	NC	NC	NC		NA
Thallium	NC	NC	NC	NC	NC	NC	NC	NC	0.002		NA
Vanadium	NC	NC	NC	NC	NC	NC	NC	NC	0.049		NA
Zinc	NC	NC	NC	NC	NC	NC	NC	NC	5		NA

NOTES

1. Total Metal results expressed in milligrams per kilogram (mg/kg). TCLP/SPLP results expressed in milligrams per kilogram (mg/L).
2. NC = No toxicity criteria for this exposure route
3. NA = Not Analyzed
4. SCGW = Soil Component of the Groundwater
5. * = SCGW exposure route excluded under footnote " *m* " of TACO Section 742, Appendix B, Table B.
6. ** = Location specific background value

Project Location: MSA County

Sample result above TACO Residential Ingestion and/or Inhalation. Sample may also exceed SCGW.

Sample result above TACO SCGW Class I Ingestion Exposure Route screening criteria. Does not exceed TACO Residential.

TABLE 1e
Soil Analytical Results
Pesticides, Herbicides, and PCBs Compared to TACO Tier I and SCGW SROs

	RESIDENTIAL		SCGW	Sample	B-1-0506	B-1-1213	B-2-1314	B-3-0304	B-3-1112	B-4-0607
				Date	1/15/2026	1/15/2026	1/15/2026	1/14/2026	1/14/2026	1/15/2026
	Ingestion	*Inhalation*	*Class I*	Depth (ft)	5' - 6'	12' - 13'	13' - 14'	3' - 4'	11' - 12'	6' - 7'
Pesticides										
4,4´-DDD	3	NC	16		<0.00931	<0.00960	<0.00841	<0.00948	<0.00988	<0.00947
4,4´-DDE	2	NC	54		<0.00466	<0.00480	<0.00420	<0.00474	<0.00494	<0.00473
4,4´-DDT	2	NC	32		<0.00931	<0.00960	<0.00841	<0.00948	<0.00988	<0.00947
Aldrin	0.04	3	0.5		<0.00466	<0.00480	<0.00420	<0.00474	<0.00494	<0.00473
alpha-BHC	0.1	0.8	0.0005		<0.00466	<0.00480	<0.00420	<0.00474	<0.00494	<0.00473
alpha-Chlordane	NC	NC	NC		<0.00466	<0.00480	<0.00420	<0.00474	<0.00494	<0.00473
beta-BHC	NC	NC	NC		<0.00931	<0.00960	<0.00841	<0.00948	<0.00988	<0.00947
Chlordane	1.8	72	10		<0.0466	<0.0480	<0.0420	<0.0474	<0.0494	<0.0473
delta-BHC	NC	NC	NC		<0.00466	<0.00480	<0.00420	<0.00474	<0.00494	<0.00473
Dieldrin	0.04	1	0.004		<0.00466	<0.00480	<0.00420	<0.00474	<0.00494	<0.00473
Endosulfan I	470	NC	18		<0.00466	<0.00480	<0.00420	<0.00474	<0.00494	<0.00473
Endosulfan II	470	NC	18		<0.00466	<0.00480	<0.00420	<0.00474	<0.00494	<0.00473
Endosulfan sulfate	NC	NC	NC		<0.00931	<0.00960	<0.00841	<0.00948	<0.00988	<0.00947
Endrin	23	NC	1		<0.00466	<0.00467	<0.00468	<0.00469	<0.00470	<0.00471
Endrin aldehyde	NC	NC	NC		<0.00931	<0.00960	<0.00841	<0.00948	<0.00988	<0.00947
Endrin ketone	NC	NC	NC		<0.00931	<0.00960	<0.00841	<0.00948	<0.00988	<0.00947
gamma-BHC (Lindane)	0.5	NC	0.009		<0.00466	<0.00480	<0.00420	<0.00474	<0.00494	<0.00473
gamma-Chlordane	NC	NC	NC		<0.00931	<0.00960	<0.00841	<0.00948	<0.00988	<0.00947
Heptachlor	0.1	0.1	23		<0.00466	<0.00480	<0.00420	<0.00474	<0.00494	<0.00473
Heptachlor epoxide	0.07	5	0.7		<0.00466	<0.00480	<0.00420	<0.00474	<0.00494	<0.00473
Methoxychlor	390	NC	160		<0.00931	<0.00960	<0.00841	<0.00948	<0.00988	<0.00947
Toxaphene	0.6	89	31		<0.582	<0.600	<0.526	<0.592	<0.600	<0.592
Herbicides										
2,4,5-TP (Silvex)	630	NC	11 to 26*		<0.240	<0.244	<2.10	<0.236	<0.250	<0.246
2,4-D	780	NC	1.5		<0.240	<0.244	<2.10	<0.236	<0.250	<0.246
Dalapon	2,300	NC	0.85		<0.850	<0.850	<6.43	<0.850	<0.850	<0.850
Dinoseb	78	NC	0.25 to 8.4*		<0.240	<0.244	<2.10	<0.236	<0.250	<0.246
Pentachlorophenol	3	NC	0.02 to 0.54*		NA	NA	NA	NA	NA	NA
Picloram	5,500	NC	2		<0.120	<0.122	<1.05	<0.118	<0.125	<0.123
PCBs										
Aroclor 1016	NC	NC	NC		<0.0236	<0.0245	<0.0207	<0.0237	<0.0247	<0.0243
Aroclor 1221	NC	NC	NC		<0.0707	<0.0735	<0.0621	<0.0711	<0.0741	<0.0730
Aroclor 1232	NC	NC	NC		<0.0942	<0.0981	<0.0828	<0.0948	<0.0988	<0.0974
Aroclor 1242	NC	NC	NC		<0.0353	<0.0368	<0.0310	<0.0355	<0.0370	<0.0365
Aroclor 1248	NC	NC	NC		<0.0353	<0.0368	<0.0310	<0.0355	<0.0370	<0.0365
Aroclor 1254	NC	NC	NC		<0.0236	<0.0245	<0.0207	<0.0237	<0.0247	<0.0243
Aroclor 1260	NC	NC	NC		<0.0353	<0.0368	<0.0310	<0.0355	<0.0370	<0.0365
Total PCBs	1	NC	NC		ND	ND	ND	ND	ND	ND

NOTES

1. All results expressed in milligrams per kilogram (mg/kg)
2. NC = No toxicity criteria for this exposure route
3. NA = Not Analyzed
4. ND = Not Detected at the reporting limit
5. * = Appendix B, Table C, pH specific SROs
6. SCGW = Soil Component of the Groundwater

Sample result above TACO Residential Ingestion and/or Inhalation. Sample may also exceed SCGW.

Sample result above TACO SCGW Class I Ingestion Exposure Route screening criteria. Does not exceed TACO Residential.

TABLE 1e
Soil Analytical Results
Pesticides, Herbicides, and PCBs Compared to TACO Tier I and SCGW SROs

	RESIDENTIAL		SCGW	Sample	B-5-0506	B-5-1415	B-6-0607	B-6-0910	B-7-0809	B-8-0607
				Date	1/16/2026	1/16/2026	1/15/2026	1/15/2026	1/16/2026	1/16/2026
	Ingestion	*Inhalation*	*Class I*	**Depth (ft)**	5' - 6'	14' - 15'	6' - 7'	9' - 10'	8' - 9'	6' - 7'
Pesticides										
4,4´-DDD	3	NC	16		<0.0105	<0.00977	<0.00832	<0.00930	<0.00940	<0.00975
4,4´-DDE	2	NC	54		<0.00527	<0.00488	<0.00416	<0.00465	<0.00470	<0.00488
4,4´-DDT	2	NC	32		<0.0105	<0.00977	<0.00832	<0.00930	<0.00940	<0.00975
Aldrin	0.04	3	0.5		<0.00527	<0.00488	<0.00416	<0.00465	<0.00470	<0.00488
alpha-BHC	0.1	0.8	0.0005		<0.00527	<0.00488	<0.00416	<0.00465	<0.00470	<0.00488
alpha-Chlordane	NC	NC	NC		<0.00527	<0.00488	<0.00416	<0.00465	<0.00470	<0.00488
beta-BHC	NC	NC	NC		<0.0105	<0.00977	<0.00832	<0.00930	<0.00940	<0.00975
Chlordane	1.8	72	10		<0.0527	<0.0488	<0.0416	<0.0465	<0.0470	<0.0488
delta-BHC	NC	NC	NC		<0.00527	<0.00488	<0.00416	<0.00465	<0.00470	<0.00488
Dieldrin	0.04	1	0.004		<0.00527	<0.00488	<0.00416	<0.00465	<0.00470	<0.00488
Endosulfan I	470	NC	18		<0.00527	<0.00488	<0.00416	<0.00465	<0.00470	<0.00488
Endosulfan II	470	NC	18		<0.00527	<0.00488	<0.00416	<0.00465	<0.00470	<0.00488
Endosulfan sulfate	NC	NC	NC		<0.0105	<0.00977	<0.00832	<0.00930	<0.00940	<0.00975
Endrin	23	NC	1		<0.00472	<0.00473	<0.00474	<0.00475	<0.00476	<0.00477
Endrin aldehyde	NC	NC	NC		<0.0105	<0.00977	<0.00832	<0.00930	<0.00940	<0.00975
Endrin ketone	NC	NC	NC		<0.0105	<0.00977	<0.00832	<0.00930	<0.00940	<0.00975
gamma-BHC (Lindane)	0.5	NC	0.009		<0.00527	<0.00488	<0.00416	<0.00465	<0.00470	<0.00488
gamma-Chlordane	NC	NC	NC		<0.0105	<0.00977	<0.00832	<0.00930	<0.00940	<0.00975
Heptachlor	0.1	0.1	23		<0.00527	<0.00488	<0.00416	<0.00465	<0.00470	<0.00488
Heptachlor epoxide	0.07	5	0.7		<0.00527	<0.00488	<0.00416	<0.00465	<0.00470	<0.00488
Methoxychlor	390	NC	160		<0.0105	<0.00977	<0.00832	<0.00930	<0.00940	<0.00975
Toxaphene	0.6	89	31		<0.600	<0.600	<0.520	<0.581	<0.588	<0.600
Herbicides										
2,4,5-TP (Silvex)	630	NC	11 to 26*		<0.255	<0.250	<0.207	<0.236	<0.233	<0.249
2,4-D	780	NC	1.5		<0.255	<0.250	<0.207	<0.236	<0.233	<0.249
Dalapon	2,300	NC	0.85		<0.850	<0.850	<0.850	<0.850	<0.850	<0.850
Dinoseb	78	NC	0.25 to 8.4*		<0.255	<0.250	<0.207	<0.236	<0.233	<0.249
Pentachlorophenol	3	NC	0.02 to 0.54*		NA	NA	NA	NA	NA	NA
Picloram	5,500	NC	2		<0.128	<0.125	<0.104	<0.118	<0.117	<0.125
PCBs										
Aroclor 1016	NC	NC	NC		<0.0264	<0.0244	<0.0210	<0.0236	<0.0235	<0.0244
Aroclor 1221	NC	NC	NC		<0.0791	<0.0733	<0.0630	<0.0708	<0.0705	<0.0732
Aroclor 1232	NC	NC	NC		<0.100	<0.0977	<0.0840	<0.0944	<0.0940	<0.0975
Aroclor 1242	NC	NC	NC		<0.0396	<0.0366	<0.0315	<0.0354	<0.0353	<0.0366
Aroclor 1248	NC	NC	NC		<0.0396	<0.0366	<0.0315	<0.0354	<0.0353	<0.0366
Aroclor 1254	NC	NC	NC		<0.0264	<0.0244	<0.0210	<0.0236	<0.0235	<0.0244
Aroclor 1260	NC	NC	NC		<0.0396	<0.0366	<0.0315	<0.0354	<0.0353	<0.0366
Total PCBs	1	NC	NC		ND	ND	ND	ND	ND	ND

NOTES

1. All results expressed in milligrams per kilogram (mg/kg)
2. NC = No toxicity criteria for this exposure route
3. NA = Not Analyzed
4. ND = Not Detected at the reporting limit
5. * = Appendix B, Table C, pH specific SROs
6. SCGW = Soil Component of the Groundwater

Sample result above TACO Residential Ingestion and/or Inhalation. Sample may also exceed SCGW.

Sample result above TACO SCGW Class I Ingestion Exposure Route screening criteria. Does not exceed TACO Residential.

TABLE 1e
Soil Analytical Results
Pesticides, Herbicides, and PCBs Compared to TACO Tier I and SCGW SROs

	RESIDENTIAL		SCGW	Sample	B-8-1112	B-9-0809	B-10-0607	B-10-1112
				Date	1/16/2026	1/15/2026	1/15/2026	1/15/2026
	Ingestion	*Inhalation*	*Class I*	**Depth (ft)**	11' - 12'	8' - 9'	6' - 7'	11' - 12'
Pesticides								
4,4´-DDD	3	NC	16		<0.00919	<0.00917	<0.00926	<0.00933
4,4´-DDE	2	NC	54		<0.00460	<0.00458	<0.00463	<0.00467
4,4´-DDT	2	NC	32		<0.00919	<0.00917	<0.00926	<0.00933
Aldrin	0.04	3	0.5		<0.00460	<0.00458	<0.00463	<0.00467
alpha-BHC	0.1	0.8	0.0005		<0.00460	<0.00458	<0.00463	<0.00467
alpha-Chlordane	NC	NC	NC		<0.00460	<0.00458	<0.00463	<0.00467
beta-BHC	NC	NC	NC		<0.00919	<0.00917	<0.00926	<0.00933
Chlordane	1.8	72	10		<0.0460	<0.0458	<0.0463	<0.0467
delta-BHC	NC	NC	NC		<0.00460	<0.00458	<0.00463	<0.00467
Dieldrin	0.04	1	0.004		<0.00460	<0.00458	<0.00463	<0.00467
Endosulfan I	470	NC	18		<0.00460	<0.00458	<0.00463	<0.00467
Endosulfan II	470	NC	18		<0.00460	<0.00458	<0.00463	<0.00467
Endosulfan sulfate	NC	NC	NC		<0.00919	<0.00917	<0.00926	<0.00933
Endrin	23	NC	1		<0.00478	<0.00479	<0.00480	<0.00481
Endrin aldehyde	NC	NC	NC		<0.00919	<0.00917	<0.00926	<0.00933
Endrin ketone	NC	NC	NC		<0.00919	<0.00917	<0.00926	<0.00933
gamma-BHC (Lindane)	0.5	NC	0.009		<0.00460	<0.00458	<0.00463	<0.00467
gamma-Chlordane	NC	NC	NC		<0.00919	<0.00917	<0.00926	<0.00933
Heptachlor	0.1	0.1	23		<0.00460	<0.00458	<0.00463	<0.00467
Heptachlor epoxide	0.07	5	0.7		<0.00460	<0.00458	<0.00463	<0.00467
Methoxychlor	390	NC	160		<0.00919	<0.00917	<0.00926	<0.00933
Toxaphene	0.6	89	31		<0.575	<0.573	<0.579	<0.583
Herbicides								
2,4,5-TP (Silvex)	630	NC	11 to 26*		<0.235	<0.235	<0.234	<0.237
2,4-D	780	NC	1.5		<0.235	<0.235	<0.234	<0.237
Dalapon	2,300	NC	0.85		<0.850	<0.850	<0.850	<0.850
Dinoseb	78	NC	0.25 to 8.4*		<0.235	<0.235	<0.234	<0.237
Pentachlorophenol	3	NC	0.02 to 0.54*		NA	NA	NA	NA
Picloram	5,500	NC	2		<0.118	<0.118	<0.117	<0.119
PCBs								
Aroclor 1016	NC	NC	NC		<0.0230	<0.0235	<0.0233	<0.0242
Aroclor 1221	NC	NC	NC		<0.0689	<0.0704	<0.0698	<0.0727
Aroclor 1232	NC	NC	NC		<0.0919	<0.0939	<0.0930	<0.0969
Aroclor 1242	NC	NC	NC		<0.0345	<0.0352	<0.0349	<0.0363
Aroclor 1248	NC	NC	NC		<0.0345	<0.0352	<0.0349	<0.0363
Aroclor 1254	NC	NC	NC		<0.0230	<0.0235	<0.0233	<0.0242
Aroclor 1260	NC	NC	NC		<0.0345	<0.0352	<0.0349	<0.0363
Total PCBs	1	NC	NC		ND	ND	ND	ND

NOTES

1. All results expressed in milligrams per kilogram (mg/kg)
2. NC = No toxicity criteria for this exposure route
3. NA = Not Analyzed
4. ND = Not Detected at the reporting limit
5. * = Appendix B, Table C, pH specific SROs
6. SCGW = Soil Component of the Groundwater

Sample result above TACO Residential Ingestion and/or Inhalation. Sample may also exceed SCGW.

Sample result above TACO SCGW Class I Ingestion Exposure Route screening criteria. Does not exceed TACO Residential.

TABLE 2a
Soil Analytical Results
VOCs Compared to CCDD MAC Values

	CCDD MAC Values			Sample	B-1-0506	B-1-1213	B-2-1314	B-3-0304	B-3-1112	B-4-0607
	MSA County[4]	*City of Chicago*	*Non-MSA County*[4]	**Date**	1/15/2026	1/15/2026	1/15/2026	1/14/2026	1/14/2026	1/15/2026
				Depth (ft)	5' - 6'	12' - 13'	13' - 14'	3' - 4'	11' - 12'	6' - 7'
VOCs										
Acetone	25				<0.0805	<0.0691	<0.0657	<0.0874	<0.0673	<0.0849
Benzene	0.03				<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Bromodichloromethane	0.6				<0.00230	<0.00197	<0.00188	<0.00250	<0.00192	<0.00242
Bromoform	0.8				<0.00460	<0.00395	<0.00375	<0.00500	<0.00385	<0.00485
Bromomethane	0.2				<0.0230	<0.0197	<0.0188	<0.0250	<0.0192	<0.0242
2-Butanone (Methyl Ethyl Ketone)	NC				<0.0322	<0.0276	<0.0263	<0.0350	<0.0269	<0.0339
Carbon disulfide	9.0				<0.00460	<0.00395	<0.00375	<0.00500	<0.00385	<0.00485
Carbon tetrachloride	0.07				<0.0230	<0.0197	<0.0188	<0.0250	<0.0192	<0.0242
Chlorobenzene	1.0				<0.00460	<0.00395	<0.00375	<0.00500	<0.00385	<0.00485
Chloroethane	NC				<0.00920	<0.00790	<0.00751	<0.00999	<0.00769	<0.00970
Chloroform	0.3				<0.00460	<0.00395	<0.00375	<0.00500	<0.00385	<0.00485
Chloromethane	NC				<0.00920	<0.00790	<0.00751	<0.00999	<0.00769	<0.00970
Dibromochloromethane	0.4				<0.00230	<0.00197	<0.00188	<0.00250	<0.00192	<0.00242
1,1-Dichloroethane	23				<0.00460	<0.00395	<0.00375	<0.00500	<0.00385	<0.00485
1,2-Dichloroethane	0.02				<0.00230	<0.00197	<0.00188	<0.00250	<0.00192	<0.00242
1,1-Dichloroethene	0.06				<0.00230	<0.00197	<0.00188	<0.00250	<0.00192	<0.00242
cis-1,2-Dichloroethene	0.4				<0.00460	<0.00395	<0.00375	<0.00500	<0.00385	<0.00485
trans-1,2-Dichloroethene	0.7				<0.00460	<0.00395	<0.00375	<0.00500	<0.00385	<0.00485
1,2-Dichloropropane	0.03				<0.00230	<0.00197	<0.00188	<0.00250	<0.00192	<0.00242
cis-1,3-Dichloropropene	0.005				<0.00400	<0.00395	<0.00375	<0.00400	<0.00385	<0.00400
trans-1,3-Dichloropropene	0.005				<0.00400	<0.00395	<0.00375	<0.00400	<0.00385	<0.00400
Ethylbenzene	13				<0.00920	<0.00790	<0.00751	<0.00999	<0.00769	<0.00970
2-Hexanone	NC				<0.0322	<0.0276	<0.0263	<0.0350	<0.0269	<0.0339
4-Methyl-2-pentanone	NC				<0.0322	<0.0276	<0.0263	<0.0350	<0.0269	<0.0339
Methylene chloride	0.02				<0.0200	<0.0197	<0.0188	<0.0200	<0.0192	<0.0200
Methyl tert-butyl ether	0.32				<0.00230	<0.00197	<0.00188	<0.00250	<0.00192	<0.00242
Styrene	4.0				<0.00920	<0.00790	<0.00751	<0.00999	<0.00769	<0.00970
1,1,2,2-Tetrachloroethane	NC				<0.00230	<0.00197	<0.00188	<0.00250	<0.00192	<0.00242
Tetrachloroethene	0.06				<0.00460	<0.00395	<0.00375	<0.00500	<0.00385	<0.00485
Toluene	12				<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
1,1,1-Trichloroethane	2.0				<0.00230	<0.00197	<0.00188	<0.00250	<0.00192	<0.00242
1,1,2-Trichloroethane	0.02				<0.00230	<0.00197	<0.00188	<0.00250	<0.00192	<0.00242
Trichloroethene	0.06				<0.00230	<0.00197	<0.00188	<0.00250	<0.00192	<0.00242
Vinyl chloride	0.01				<0.00460	<0.00395	<0.00375	<0.00500	<0.00385	<0.00485
Xylenes, Total	5.6				<0.0138	<0.0118	<0.0113	<0.0150	<0.0115	<0.0145

NOTES

1. All results expressed in milligrams per kilogram (mg/kg)
2. NC = No toxicity criteria for this exposure route
3. NA = Not Analyzed
4. Metropolitan Statistical Areas (MSA) as defined in 35 IAC 742, Appendix A, Table G.

Bold Italicized	Sample result above CCDD MSA County MAC Values.
Bold	Sample result above CCDD City of Chicago MAC Values.
Bold Italicized	Sample result above CCDD Non-MSA County MAC Values.

TABLE 2a
Soil Analytical Results
VOCs Compared to CCDD MAC Values

	CCDD MAC Values			Sample	B-5-0506	B-5-1415	B-5-0506	B-6-0910	B-7-0809	B-8-0607
	MSA County[4]	*City of Chicago*	*Non-MSA County*[4]	**Date**	1/16/2026	1/16/2026	1/15/2026	1/15/2026	1/16/2026	1/16/2026
				Depth (ft)	5' - 6'	14' - 15'	6' - 7'	9' - 10'	8' - 9'	6' - 7'
VOCs										
Acetone	25				<0.0822	<0.0756	<0.0562	<0.0646	<0.0611	<0.0713
Benzene	0.03				<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Bromodichloromethane	0.6				<0.00235	<0.00216	<0.00161	<0.00185	<0.00174	<0.00204
Bromoform	0.8				<0.00470	<0.00432	<0.00321	<0.00369	<0.00349	<0.00407
Bromomethane	0.2				<0.0235	<0.0216	<0.0161	<0.0185	<0.0174	<0.0204
2-Butanone (Methyl Ethyl Ketone)	NC				<0.0329	<0.0302	<0.0225	<0.0258	<0.0244	<0.0285
Carbon disulfide	9.0				<0.00470	<0.00432	<0.00321	<0.00369	<0.00349	<0.00407
Carbon tetrachloride	0.07				<0.0235	<0.0216	<0.0161	<0.0185	<0.0174	<0.0204
Chlorobenzene	1.0				<0.00470	<0.00432	<0.00321	<0.00369	<0.00349	<0.00407
Chloroethane	NC				<0.00940	<0.00864	<0.00643	<0.00738	<0.00698	<0.00815
Chloroform	0.3				<0.00470	<0.00432	<0.00321	<0.00369	<0.00349	<0.00407
Chloromethane	NC				<0.00940	<0.00864	<0.00643	<0.00738	<0.00698	<0.00815
Dibromochloromethane	0.4				<0.00235	<0.00216	<0.00161	<0.00185	<0.00174	<0.00204
1,1-Dichloroethane	23				<0.00470	<0.00432	<0.00321	<0.00369	<0.00349	<0.00407
1,2-Dichloroethane	0.02				<0.00235	<0.00216	<0.00161	<0.00185	<0.00174	<0.00204
1,1-Dichloroethene	0.06				<0.00235	<0.00216	<0.00161	<0.00185	<0.00174	<0.00204
cis-1,2-Dichloroethene	0.4				<0.00470	<0.00432	<0.00321	<0.00369	<0.00349	<0.00407
trans-1,2-Dichloroethene	0.7				<0.00470	<0.00432	<0.00321	<0.00369	<0.00349	<0.00407
1,2-Dichloropropane	0.03				<0.00235	<0.00216	<0.00161	<0.00185	<0.00174	<0.00204
cis-1,3-Dichloropropene	0.005				<0.00400	<0.00400	<0.00321	<0.00369	<0.00349	<0.00400
trans-1,3-Dichloropropene	0.005				<0.00400	<0.00400	<0.00321	<0.00369	<0.00349	<0.00400
Ethylbenzene	13				<0.00940	<0.00864	<0.00643	<0.00738	<0.00698	<0.00815
2-Hexanone	NC				<0.0329	<0.0302	<0.0225	<0.0258	<0.0244	<0.0285
4-Methyl-2-pentanone	NC				<0.0329	<0.0302	<0.0225	<0.0258	<0.0244	<0.0285
Methylene chloride	0.02				<0.0200	<0.0200	<0.0161	<0.0185	<0.0174	<0.0200
Methyl tert-butyl ether	0.32				<0.00235	<0.00216	<0.00161	<0.00185	<0.00174	<0.00204
Styrene	4.0				<0.00940	<0.00864	<0.00643	<0.00738	<0.00698	<0.00815
1,1,2,2-Tetrachloroethane	NC				<0.00235	<0.00216	<0.00161	<0.00185	<0.00174	<0.00204
Tetrachloroethene	0.06				<0.00470	<0.00432	<0.00321	<0.00369	<0.00349	<0.00407
Toluene	12				<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
1,1,1-Trichloroethane	2.0				<0.00235	<0.00216	<0.00161	<0.00185	<0.00174	<0.00204
1,1,2-Trichloroethane	0.02				<0.00235	<0.00216	<0.00161	<0.00185	<0.00174	<0.00204
Trichloroethene	0.06				<0.00235	<0.00216	<0.00161	<0.00185	<0.00174	<0.00204
Vinyl chloride	0.01				<0.00470	<0.00432	<0.00321	<0.00369	<0.00349	<0.00407
Xylenes, Total	5.6				<0.0141	<0.0130	<0.00964	<0.0111	<0.0105	<0.0122

NOTES

1. All results expressed in milligrams per kilogram (mg/kg)
2. NC = No toxicity criteria for this exposure route
3. NA = Not Analyzed
4. Metropolitan Statistical Areas (MSA) as defined in 35 IAC 742, Appendix A, Table G.

Bold Italicized	Sample result above CCDD MSA County MAC Values.
Bold	Sample result above CCDD City of Chicago MAC Values.
Bold Italicized	Sample result above CCDD Non-MSA County MAC Values.

TABLE 2a
Soil Analytical Results
VOCs Compared to CCDD MAC Values

	CCDD MAC Values			Sample	B-8-1112	B-9-0809	B-10-0607	B-10-1112
	MSA County[4]	*City of Chicago*	*Non-MSA County*[4]	Date	1/16/2026	1/15/2026	1/15/2026	1/15/2026
				Depth (ft)	11' - 12'	8' - 9'	6' - 7'	11' - 12'
VOCs								
Acetone	25				<0.0607	<0.0632	<0.0611	<0.0610
Benzene	0.03				<0.00500	<0.00500	<0.00500	<0.00500
Bromodichloromethane	0.6				<0.00174	<0.00181	<0.00175	<0.00174
Bromoform	0.8				<0.00347	<0.00361	<0.00349	<0.00348
Bromomethane	0.2				<0.0174	<0.0181	<0.0175	<0.0174
2-Butanone (Methyl Ethyl Ketone)	NC				<0.0243	<0.0253	<0.0245	<0.0244
Carbon disulfide	9.0				<0.00347	<0.00361	<0.00349	<0.00348
Carbon tetrachloride	0.07				<0.0174	<0.0181	<0.0175	<0.0174
Chlorobenzene	1.0				<0.00347	<0.00361	<0.00349	<0.00348
Chloroethane	NC				<0.00694	<0.00722	<0.00699	<0.00697
Chloroform	0.3				<0.00347	<0.00361	<0.00349	<0.00348
Chloromethane	NC				<0.00694	<0.00722	<0.00699	<0.00697
Dibromochloromethane	0.4				<0.00174	<0.00181	<0.00175	<0.00174
1,1-Dichloroethane	23				<0.00347	<0.00361	<0.00349	<0.00348
1,2-Dichloroethane	0.02				<0.00174	<0.00181	<0.00175	<0.00174
1,1-Dichloroethene	0.06				<0.00174	<0.00181	<0.00175	<0.00174
cis-1,2-Dichloroethene	0.4				<0.00347	<0.00361	<0.00349	<0.00348
trans-1,2-Dichloroethene	0.7				<0.00347	<0.00361	<0.00349	<0.00348
1,2-Dichloropropane	0.03				<0.00174	<0.00181	<0.00175	<0.00174
cis-1,3-Dichloropropene	0.005				<0.00347	<0.00361	<0.00349	<0.00348
trans-1,3-Dichloropropene	0.005				<0.00347	<0.00361	<0.00349	<0.00348
Ethylbenzene	13				<0.00694	<0.00722	<0.00699	<0.00697
2-Hexanone	NC				<0.0243	<0.0253	<0.0245	<0.0244
4-Methyl-2-pentanone	NC				<0.0243	<0.0253	<0.0245	<0.0244
Methylene chloride	0.02				<0.0174	<0.0181	<0.0175	<0.0174
Methyl tert-butyl ether	0.32				<0.00174	<0.00181	<0.00175	<0.00174
Styrene	4.0				<0.00694	<0.00722	<0.00699	<0.00697
1,1,2,2-Tetrachloroethane	NC				<0.00174	<0.00181	<0.00175	<0.00174
Tetrachloroethene	0.06				<0.00347	<0.00361	<0.00349	<0.00348
Toluene	12				<0.00500	<0.00500	<0.00500	<0.00500
1,1,1-Trichloroethane	2.0				<0.00174	<0.00181	<0.00175	<0.00174
1,1,2-Trichloroethane	0.02				<0.00174	<0.00181	<0.00175	<0.00174
Trichloroethene	0.06				<0.00174	<0.00181	<0.00175	<0.00174
Vinyl chloride	0.01				<0.00347	<0.00361	<0.00349	<0.00348
Xylenes, Total	5.6				<0.0104	<0.0108	<0.0105	<0.0104

NOTES

1. All results expressed in milligrams per kilogram (mg/kg)
2. NC = No toxicity criteria for this exposure route
3. NA = Not Analyzed
4. Metropolitan Statistical Areas (MSA) as defined in 35 IAC 742, Appendix A, Table G.

Bold Italicized	Sample result above CCDD MSA County MAC Values.
Bold	Sample result above CCDD City of Chicago MAC Values.
Bold Italicized	Sample result above CCDD Non-MSA County MAC Values.

TABLE 2b
Soil Analytical Results
SVOCs Compared to CCDD MAC Values

	CCDD MAC Values			Sample	B-1-0506	B-1-1213	B-2-1314
	MSA County [4]	*City of Chicago*	*Non-MSA County* [4]	**Date**	1/15/2026	1/15/2026	1/15/2026
				Depth (ft)	5' - 6'	12' - 13'	13' - 14'
SVOCs							
Aniline	NC				<0.180	<0.185	<0.632
Benzidine	NC				<3.00	<3.08	<10.5
Benzoic acid	400				<1.44	<1.48	<5.06
Benzyl alcohol	NC				<0.0270	<0.0277	<0.0948
Bis(2-chloroethoxy)methane	NC				<0.0180	<0.0185	<0.0632
Bis(2-chloroethyl)ether	0.66				<0.00900	<0.00924	<0.0316
Bis(2-ethylhexyl)phthalate	46				<0.180	<0.185	<0.632
4-Bromophenyl phenyl ether	NC				<0.0270	<0.0277	<0.0948
Butyl benzyl phthalate	930				<0.0540	<0.0554	<0.190
Carbazole	0.6				0.0354	<0.0185	0.0685
4-Chloroaniline	0.7				<0.0270	<0.0277	<0.0948
4-Chloro-3-methylphenol	NC				<0.0180	<0.0185	<0.0632
2-Chloronaphthalene	NC				<0.0180	<0.0185	<0.0632
2-Chlorophenol	1.5				<0.0180	<0.0185	<0.0632
4-Chlorophenyl phenyl ether	NC				<0.0270	<0.0277	<0.0948
Dibenzofuran	NC				<0.720	<0.739	<2.53
1,2-Dichlorobenzene	17				0.0321	<0.0277	<0.0948
1,3-Dichlorobenzene	NC				<0.0270	<0.0277	<0.0948
1,4-Dichlorobenzene	2.0				<0.0270	<0.0277	<0.0948
3,3´-Dichlorobenzidine	1.3				<0.0270	<0.0277	<0.0948
2,4-Dichlorophenol	0.48				<0.108	<0.111	<0.379
Diethyl phthalate	470				<0.0180	<0.0185	<0.0632
2,4-Dimethylphenol	9.0				<0.180	<0.185	<0.632
Dimethyl phthalate	NC				<0.0180	<0.0185	<0.0632
4,6-Dinitro-2-methylphenol	NC				<0.0540	<0.0554	<0.190
2,4-Dinitrophenol	3.3				<0.0540	<0.0554	<0.190
2,4-Dinitrotoluene	0.25				<0.720	<0.739	<2.53
2,6-Dinitrotoluene	0.26				<0.180	<0.185	<0.632
Di-n-butyl phthalate	2300				<0.0270	<0.0277	<0.0948
Di-n-octyl phthalate	1600				<0.0180	<0.0185	<0.0632
Hexachlorobenzene	0.4				<0.0270	<0.0277	<0.0948
Hexachlorobutadiene	NC				<0.0180	<0.0185	<0.0632
Hexachlorocyclopentadiene	1.1				<0.0360	<0.0370	<0.126
Hexachloroethane	0.5				<0.720	<0.739	<2.53
Isophorone	8.0				<0.0360	<0.0370	<0.126
2-Methylnaphthalene	NC				<0.0270	<0.0277	<0.0948
2-Methylphenol	15				0.03	<0.0277	<0.0948
4-Methylphenol	NC				<0.00900	<0.00924	<0.0316
2-Nitroaniline	NC				<0.0360	<0.0370	<0.126
3-Nitroaniline	NC				<0.0270	<0.0277	<0.0948
4-Nitroaniline	NC				<0.0270	<0.0277	<0.0948
2-Nitrophenol	NC				<0.0360	<0.0370	<0.126
4-Nitrophenol	NC				<0.0360	<0.0370	<0.126
Nitrobenzene	0.26				<0.0270	<0.0277	<0.0948
N-Nitrosodi-n-propylamine	0.0018				<0.720	<0.739	<2.53
N-Nitrosodimethylamine	NC				<0.0360	<0.0370	<0.126
N-Nitrosodiphenylamine	1.0				<0.00844	<0.00867	<0.0296
2, 2'-oxybis(1-Chloropropane)	NC				<0.0270	<0.0277	<0.0948
Pentachlorophenol	0.02				<0.0250	<0.0257	<0.0879
Phenol	100				<0.0360	<0.0370	<0.126
Pyridine	NC				<0.720	<0.739	<2.53
1,2,4-Trichlorobenzene	5.0				<0.0270	<0.0277	<0.0948
2,4,5-Trichlorophenol	26				<0.0180	<0.0185	<0.0632
2,4,6-Trichlorophenol	0.66				<0.0180	<0.0185	<0.0632

NOTES

1. All results expressed in milligrams per kilogram (mg/kg)
2. NC = No toxicity criteria for this exposure route
3. NA = Not Analyzed
4. Metropolitan Statistical Areas (MSA) as defined in 35 IAC 742, Appendix A, Table G.

Bold Italicized	Sample result above CCDD MSA County MAC Values.
Bold	Sample result above CCDD City of Chicago MAC Values.
Bold Italicized	Sample result above CCDD Non-MSA County MAC Values.

TABLE 2b
Soil Analytical Results
SVOCs Compared to CCDD MAC Values

	CCDD MAC Values			Sample	B-3-0304	B-3-1112	B-4-0607
	MSA County [4]	*City of Chicago*	*Non-MSA County* [4]	Date	1/14/2026	1/14/2026	1/15/2026
				Depth (ft)	3' - 4'	11' - 12'	6' - 7'
SVOCs							
Aniline	NC				<0.717	<0.186	<0.742
Benzidine	NC				<11.9	<3.10	<12.4
Benzoic acid	400				<5.74	<1.49	<5.94
Benzyl alcohol	NC				<0.108	<0.0279	<0.111
Bis(2-chloroethoxy)methane	NC				<0.0717	<0.0186	<0.0742
Bis(2-chloroethyl)ether	0.66				<0.0359	<0.00931	<0.0371
Bis(2-ethylhexyl)phthalate	46				<0.717	<0.186	<0.742
4-Bromophenyl phenyl ether	NC				<0.108	<0.0279	<0.111
Butyl benzyl phthalate	930				<0.215	<0.0558	<0.223
Carbazole	0.6				<0.0717	<0.0186	<0.0742
4-Chloroaniline	0.7				<0.108	<0.0279	<0.111
4-Chloro-3-methylphenol	NC				<0.0717	<0.0186	<0.0742
2-Chloronaphthalene	NC				<0.0717	<0.0186	<0.0742
2-Chlorophenol	1.5				<0.0717	<0.0186	<0.0742
4-Chlorophenyl phenyl ether	NC				<0.108	<0.0279	<0.111
Dibenzofuran	NC				<2.87	<0.744	<2.97
1,2-Dichlorobenzene	17				<0.108	<0.0279	<0.111
1,3-Dichlorobenzene	NC				<0.108	<0.0279	<0.111
1,4-Dichlorobenzene	2.0				<0.108	<0.0279	<0.111
3,3´-Dichlorobenzidine	1.3				<0.108	<0.0279	<0.111
2,4-Dichlorophenol	0.48				<0.430	<0.112	<0.445
Diethyl phthalate	470				<0.0717	<0.0186	<0.0742
2,4-Dimethylphenol	9.0				<0.717	<0.186	<0.742
Dimethyl phthalate	NC				<0.0717	<0.0186	<0.0742
4,6-Dinitro-2-methylphenol	NC				<0.215	<0.0558	<0.223
2,4-Dinitrophenol	3.3				<0.215	<0.0558	<0.223
2,4-Dinitrotoluene	0.25				<2.87	<0.744	<2.97
2,6-Dinitrotoluene	0.26				<0.717	<0.186	<0.742
Di-n-butyl phthalate	2300				<0.108	<0.0279	<0.111
Di-n-octyl phthalate	1600				<0.0717	<0.0186	<0.0742
Hexachlorobenzene	0.4				<0.108	<0.0279	<0.111
Hexachlorobutadiene	NC				<0.0717	<0.0186	<0.0742
Hexachlorocyclopentadiene	1.1				<0.143	<0.0372	<0.148
Hexachloroethane	0.5				<2.87	<0.744	<2.97
Isophorone	8.0				<0.143	<0.0372	<0.148
2-Methylnaphthalene	NC				<0.108	<0.0279	<0.111
2-Methylphenol	15				<0.108	0.0416	<0.111
4-Methylphenol	NC				<0.0359	<0.00931	<0.0371
2-Nitroaniline	NC				<0.143	<0.0372	<0.148
3-Nitroaniline	NC				<0.108	<0.0279	<0.111
4-Nitroaniline	NC				<0.108	<0.0279	<0.111
2-Nitrophenol	NC				<0.143	<0.0372	<0.148
4-Nitrophenol	NC				<0.100	<0.0372	<0.148
Nitrobenzene	0.26				<0.108	<0.0279	<0.111
N-Nitrosodi-n-propylamine	0.0018				<2.87	<0.744	<2.97
N-Nitrosodimethylamine	NC				<0.143	<0.0372	<0.148
N-Nitrosodiphenylamine	1.0				<0.0336	<0.00873	<0.0348
2, 2'-oxybis(1-Chloropropane)	NC				<0.108	<0.0279	<0.111
Pentachlorophenol	0.02				<0.0997	<0.0259	<0.103
Phenol	100				<0.143	<0.0372	<0.148
Pyridine	NC				<2.87	<0.744	<2.97
1,2,4-Trichlorobenzene	5.0				<0.108	<0.0279	<0.111
2,4,5-Trichlorophenol	26				<0.0717	<0.0186	<0.0742
2,4,6-Trichlorophenol	0.66				<0.0717	<0.0186	<0.0742

NOTES

1. All results expressed in milligrams per kilogram (mg/kg)
2. NC = No toxicity criteria for this exposure route
3. NA = Not Analyzed
4. Metropolitan Statistical Areas (MSA) as defined in 35 IAC 742, Appendix A, Table G.

Bold Italicized	Sample result above CCDD MSA County MAC Values.
Bold	Sample result above CCDD City of Chicago MAC Values.
Bold Italicized	Sample result above CCDD Non-MSA County MAC Values.

TABLE 2b
Soil Analytical Results
SVOCs Compared to CCDD MAC Values

	CCDD MAC Values			Sample	B-5-0506	B-5-1415	B-5-0506
	MSA County [4]	*City of Chicago*	*Non-MSA County* [4]	**Date**	1/16/2026	1/16/2026	1/15/2026
				Depth (ft)	5' - 6'	14' - 15'	6' - 7'
SVOCs							
Aniline	NC				<0.790	<0.188	<0.157
Benzidine	NC				<13.2	<3.13	<2.61
Benzoic acid	400				<6.32	<1.50	<1.25
Benzyl alcohol	NC				<0.119	<0.0282	<0.0235
Bis(2-chloroethoxy)methane	NC				<0.0790	<0.0188	<0.0157
Bis(2-chloroethyl)ether	0.66				<0.0395	<0.00939	<0.00784
Bis(2-ethylhexyl)phthalate	46				<0.790	<0.188	<0.157
4-Bromophenyl phenyl ether	NC				<0.119	<0.0282	<0.0235
Butyl benzyl phthalate	930				<0.237	<0.0563	<0.0470
Carbazole	0.6				0.304	0.0788	<0.0157
4-Chloroaniline	0.7				<0.119	<0.0282	<0.0235
4-Chloro-3-methylphenol	NC				<0.0790	<0.0188	<0.0157
2-Chloronaphthalene	NC				<0.0790	<0.0188	<0.0157
2-Chlorophenol	1.5				<0.0790	<0.0188	<0.0157
4-Chlorophenyl phenyl ether	NC				<0.119	<0.0282	<0.0235
Dibenzofuran	NC				<3.16	<0.751	<0.627
1,2-Dichlorobenzene	17				0.292	0.0566	<0.0235
1,3-Dichlorobenzene	NC				<0.119	<0.0282	<0.0235
1,4-Dichlorobenzene	2.0				<0.119	<0.0282	<0.0235
3,3´-Dichlorobenzidine	1.3				<0.119	<0.0282	<0.0235
2,4-Dichlorophenol	0.48				<0.474	<0.113	<0.0940
Diethyl phthalate	470				<0.0790	<0.0188	<0.0157
2,4-Dimethylphenol	9.0				<0.790	<0.188	<0.157
Dimethyl phthalate	NC				<0.0790	<0.0188	<0.0157
4,6-Dinitro-2-methylphenol	NC				<0.237	<0.0563	<0.0470
2,4-Dinitrophenol	3.3				<0.237	<0.0563	<0.0470
2,4-Dinitrotoluene	0.25				<3.16	<0.751	<0.627
2,6-Dinitrotoluene	0.26				<0.790	<0.188	<0.157
Di-n-butyl phthalate	2300				<0.119	<0.0282	<0.0235
Di-n-octyl phthalate	1600				<0.0790	<0.0188	<0.0157
Hexachlorobenzene	0.4				<0.119	<0.0282	<0.0235
Hexachlorobutadiene	NC				<0.0790	<0.0188	<0.0157
Hexachlorocyclopentadiene	1.1				<0.158	<0.0375	<0.0313
Hexachloroethane	0.5				<3.16	<0.751	<0.627
Isophorone	8.0				<0.158	<0.0375	<0.0313
2-Methylnaphthalene	NC				<0.119	<0.0282	<0.0235
2-Methylphenol	15				0.163	0.0513	<0.0235
4-Methylphenol	NC				<0.0395	<0.00939	<0.00784
2-Nitroaniline	NC				<0.158	<0.0375	<0.0313
3-Nitroaniline	NC				<0.119	<0.0282	<0.0235
4-Nitroaniline	NC				<0.119	<0.0282	<0.0235
2-Nitrophenol	NC				<0.158	<0.0375	<0.0313
4-Nitrophenol	NC				<0.158	<0.0375	<0.0313
Nitrobenzene	0.26				<0.119	<0.0282	<0.0235
N-Nitrosodi-n-propylamine	0.0018				<3.16	<0.751	<0.627
N-Nitrosodimethylamine	NC				<0.158	<0.0375	<0.0313
N-Nitrosodiphenylamine	1.0				<0.0371	<0.00880	<0.00735
2, 2'-oxybis(1-Chloropropane)	NC				<0.119	<0.0282	<0.0235
Pentachlorophenol	0.02				<0.110	<0.0261	<0.0218
Phenol	100				<0.158	<0.0375	<0.0313
Pyridine	NC				<3.16	<0.751	<0.627
1,2,4-Trichlorobenzene	5.0				<0.119	<0.0282	<0.0235
2,4,5-Trichlorophenol	26				<0.0790	<0.0188	<0.0157
2,4,6-Trichlorophenol	0.66				<0.0790	<0.0188	<0.0157

NOTES

1. All results expressed in milligrams per kilogram (mg/kg)
2. NC = No toxicity criteria for this exposure route
3. NA = Not Analyzed
4. Metropolitan Statistical Areas (MSA) as defined in 35 IAC 742, Appendix A, Table G.

Bold Italicized	Sample result above CCDD MSA County MAC Values.
Bold	Sample result above CCDD City of Chicago MAC Values.
Bold Italicized	Sample result above CCDD Non-MSA County MAC Values.

TABLE 2b
Soil Analytical Results
SVOCs Compared to CCDD MAC Values

	CCDD MAC Values			Sample	B-6-0910	B-7-0809	B-8-0607
	MSA County [4]	*City of Chicago*	*Non-MSA County* [4]	Date	1/15/2026	1/16/2026	1/16/2026
				Depth (ft)	9' - 10'	8' - 9'	6' - 7'
SVOCs							
Aniline	NC				<0.177	<0.727	<0.748
Benzidine	NC				<2.95	<12.1	<12.4
Benzoic acid	400				<1.42	<5.81	<5.98
Benzyl alcohol	NC				<0.0266	<0.109	<0.112
Bis(2-chloroethoxy)methane	NC				<0.0177	<0.0727	<0.0748
Bis(2-chloroethyl)ether	0.66				<0.00886	<0.0363	<0.0374
Bis(2-ethylhexyl)phthalate	46				<0.177	<0.727	<0.748
4-Bromophenyl phenyl ether	NC				<0.0266	<0.109	<0.112
Butyl benzyl phthalate	930				<0.0532	<0.218	<0.224
Carbazole	0.6				<0.0177	0.363	0.14
4-Chloroaniline	0.7				<0.0266	<0.109	<0.112
4-Chloro-3-methylphenol	NC				<0.0177	<0.0727	<0.0748
2-Chloronaphthalene	NC				<0.0177	<0.0727	<0.0748
2-Chlorophenol	1.5				<0.0177	<0.0727	<0.0748
4-Chlorophenyl phenyl ether	NC				<0.0266	<0.109	<0.112
Dibenzofuran	NC				<0.709	<2.91	<2.99
1,2-Dichlorobenzene	17				<0.0266	0.23	0.133
1,3-Dichlorobenzene	NC				<0.0266	<0.109	<0.112
1,4-Dichlorobenzene	2.0				<0.0266	<0.109	<0.112
3,3´-Dichlorobenzidine	1.3				<0.0266	<0.109	<0.112
2,4-Dichlorophenol	0.48				<0.106	<0.436	<0.449
Diethyl phthalate	470				<0.0177	<0.0727	<0.0748
2,4-Dimethylphenol	9.0				<0.177	<0.727	<0.748
Dimethyl phthalate	NC				<0.0177	<0.0727	<0.0748
4,6-Dinitro-2-methylphenol	NC				<0.0532	<0.218	<0.224
2,4-Dinitrophenol	3.3				<0.0532	<0.218	<0.224
2,4-Dinitrotoluene	0.25				<0.709	<2.91	<2.99
2,6-Dinitrotoluene	0.26				<0.177	<0.727	<0.748
Di-n-butyl phthalate	2300				<0.0266	<0.109	<0.112
Di-n-octyl phthalate	1600				<0.0177	<0.0727	<0.0748
Hexachlorobenzene	0.4				<0.0266	<0.109	<0.112
Hexachlorobutadiene	NC				<0.0177	<0.0727	<0.0748
Hexachlorocyclopentadiene	1.1				<0.0355	<0.145	<0.150
Hexachloroethane	0.5				<0.709	<2.91	<2.99
Isophorone	8.0				<0.0355	<0.145	<0.150
2-Methylnaphthalene	NC				<0.0266	<0.109	<0.112
2-Methylphenol	15				<0.0266	0.127	<0.112
4-Methylphenol	NC				<0.00886	<0.0363	<0.0374
2-Nitroaniline	NC				<0.0355	<0.145	<0.150
3-Nitroaniline	NC				<0.0266	<0.109	<0.112
4-Nitroaniline	NC				<0.0266	<0.109	<0.112
2-Nitrophenol	NC				<0.0355	<0.145	<0.150
4-Nitrophenol	NC				<0.0355	<0.145	<0.150
Nitrobenzene	0.26				<0.0266	<0.109	<0.112
N-Nitrosodi-n-propylamine	0.0018				<0.709	<2.91	<2.99
N-Nitrosodimethylamine	NC				<0.0355	<0.145	<0.150
N-Nitrosodiphenylamine	1.0				<0.00831	<0.0341	<0.0351
2, 2'-oxybis(1-Chloropropane)	NC				<0.0266	<0.109	<0.112
Pentachlorophenol	0.02				<0.0246	<0.101	<0.104
Phenol	100				<0.0355	<0.145	<0.150
Pyridine	NC				<0.709	<2.91	<2.99
1,2,4-Trichlorobenzene	5.0				<0.0266	<0.109	<0.112
2,4,5-Trichlorophenol	26				<0.0177	<0.0727	<0.0748
2,4,6-Trichlorophenol	0.66				<0.0177	<0.0727	<0.0748

NOTES

1. All results expressed in milligrams per kilogram (mg/kg)
2. NC = No toxicity criteria for this exposure route
3. NA = Not Analyzed
4. Metropolitan Statistical Areas (MSA) as defined in 35 IAC 742, Appendix A, Table G.

Bold Italicized	Sample result above CCDD MSA County MAC Values.
Bold	Sample result above CCDD City of Chicago MAC Values.
Bold Italicized	Sample result above CCDD Non-MSA County MAC Values.

TABLE 2b
Soil Analytical Results
SVOCs Compared to CCDD MAC Values

	CCDD MAC Values			Sample	B-8-1112	B-9-0809	B-10-0607
	MSA County [4]	*City of Chicago*	*Non-MSA County* [4]	**Date**	1/16/2026	1/15/2026	1/15/2026
				Depth (ft)	11' - 12'	8' - 9'	6' - 7'
SVOCs							
Aniline	NC				<0.177	<0.178	<0.175
Benzidine	NC				<2.95	<2.97	<2.91
Benzoic acid	400				<1.42	<1.42	<1.40
Benzyl alcohol	NC				<0.0266	<0.0267	<0.0263
Bis(2-chloroethoxy)methane	NC				<0.0177	<0.0178	<0.0175
Bis(2-chloroethyl)ether	0.66				<0.00885	<0.00891	<0.00875
Bis(2-ethylhexyl)phthalate	46				<0.177	<0.178	<0.175
4-Bromophenyl phenyl ether	NC				<0.0266	<0.0267	<0.0263
Butyl benzyl phthalate	930				<0.0531	<0.0534	<0.0525
Carbazole	0.6				0.0201	<0.0178	<0.0175
4-Chloroaniline	0.7				<0.0266	<0.0267	<0.0263
4-Chloro-3-methylphenol	NC				<0.0177	<0.0178	<0.0175
2-Chloronaphthalene	NC				<0.0177	<0.0178	<0.0175
2-Chlorophenol	1.5				<0.0177	<0.0178	<0.0175
4-Chlorophenyl phenyl ether	NC				<0.0266	<0.0267	<0.0263
Dibenzofuran	NC				<0.708	<0.712	<0.700
1,2-Dichlorobenzene	17				<0.0266	<0.0267	<0.0263
1,3-Dichlorobenzene	NC				<0.0266	<0.0267	<0.0263
1,4-Dichlorobenzene	2.0				<0.0266	<0.0267	<0.0263
3,3´-Dichlorobenzidine	1.3				<0.0266	<0.0267	<0.0263
2,4-Dichlorophenol	0.48				<0.106	<0.107	<0.105
Diethyl phthalate	470				<0.0177	<0.0178	<0.0175
2,4-Dimethylphenol	9.0				<0.177	<0.178	<0.175
Dimethyl phthalate	NC				<0.0177	<0.0178	<0.0175
4,6-Dinitro-2-methylphenol	NC				<0.0531	<0.0534	<0.0525
2,4-Dinitrophenol	3.3				<0.0531	<0.0534	<0.0525
2,4-Dinitrotoluene	0.25				<0.708	<0.712	<0.700
2,6-Dinitrotoluene	0.26				<0.177	<0.178	<0.175
Di-n-butyl phthalate	2300				<0.0266	<0.0267	<0.0263
Di-n-octyl phthalate	1600				<0.0177	<0.0178	<0.0175
Hexachlorobenzene	0.4				<0.0266	<0.0267	<0.0263
Hexachlorobutadiene	NC				<0.0177	<0.0178	<0.0175
Hexachlorocyclopentadiene	1.1				<0.0354	<0.0356	<0.0350
Hexachloroethane	0.5				<0.708	<0.712	<0.700
Isophorone	8.0				<0.0354	<0.0356	<0.0350
2-Methylnaphthalene	NC				<0.0266	<0.0267	<0.0263
2-Methylphenol	15				<0.0266	<0.0267	<0.0263
4-Methylphenol	NC				<0.00885	<0.00891	<0.00875
2-Nitroaniline	NC				<0.0354	<0.0356	<0.0350
3-Nitroaniline	NC				<0.0266	<0.0267	<0.0263
4-Nitroaniline	NC				<0.0266	<0.0267	<0.0263
2-Nitrophenol	NC				<0.0354	<0.0356	<0.0350
4-Nitrophenol	NC				<0.0354	<0.0356	<0.0350
Nitrobenzene	0.26				<0.0266	<0.0267	<0.0263
N-Nitrosodi-n-propylamine	0.0018				<0.708	<0.712	<0.700
N-Nitrosodimethylamine	NC				<0.0354	<0.0356	<0.0350
N-Nitrosodiphenylamine	1.0				<0.00830	<0.00835	<0.00821
2, 2'-oxybis(1-Chloropropane)	NC				<0.0266	<0.0267	<0.0263
Pentachlorophenol	0.02				<0.0246	<0.0248	<0.0243
Phenol	100				<0.0354	<0.0356	<0.0350
Pyridine	NC				<0.708	<0.712	<0.700
1,2,4-Trichlorobenzene	5.0				<0.0266	<0.0267	<0.0263
2,4,5-Trichlorophenol	26				<0.0177	<0.0178	<0.0175
2,4,6-Trichlorophenol	0.66				<0.0177	<0.0178	<0.0175

NOTES

1. All results expressed in milligrams per kilogram (mg/kg)
2. NC = No toxicity criteria for this exposure route
3. NA = Not Analyzed
4. Metropolitan Statistical Areas (MSA) as defined in 35 IAC 742, Appendix A, Table G.

Bold Italicized	Sample result above CCDD MSA County MAC Values.
Bold	Sample result above CCDD City of Chicago MAC Values.
Bold Italicized	Sample result above CCDD Non-MSA County MAC Values.

TABLE 2b
Soil Analytical Results
SVOCs Compared to CCDD MAC Values

	CCDD MAC Values			Sample	B-10-1112
	MSA County [4]	*City of Chicago*	*Non-MSA County* [4]	**Date**	1/15/2026
				Depth (ft)	11' - 12'
SVOCs					
Aniline	NC				<0.182
Benzidine	NC				<3.03
Benzoic acid	400				<1.45
Benzyl alcohol	NC				<0.0273
Bis(2-chloroethoxy)methane	NC				<0.0182
Bis(2-chloroethyl)ether	0.66				<0.00909
Bis(2-ethylhexyl)phthalate	46				<0.182
4-Bromophenyl phenyl ether	NC				<0.0273
Butyl benzyl phthalate	930				<0.0545
Carbazole	0.6				<0.0182
4-Chloroaniline	0.7				<0.0273
4-Chloro-3-methylphenol	NC				<0.0182
2-Chloronaphthalene	NC				<0.0182
2-Chlorophenol	1.5				<0.0182
4-Chlorophenyl phenyl ether	NC				<0.0273
Dibenzofuran	NC				<0.727
1,2-Dichlorobenzene	17				<0.0273
1,3-Dichlorobenzene	NC				<0.0273
1,4-Dichlorobenzene	2.0				<0.0273
3,3´-Dichlorobenzidine	1.3				<0.0273
2,4-Dichlorophenol	0.48				<0.109
Diethyl phthalate	470				<0.0182
2,4-Dimethylphenol	9.0				<0.182
Dimethyl phthalate	NC				<0.0182
4,6-Dinitro-2-methylphenol	NC				<0.0545
2,4-Dinitrophenol	3.3				<0.0545
2,4-Dinitrotoluene	0.25				<0.727
2,6-Dinitrotoluene	0.26				<0.182
Di-n-butyl phthalate	2300				<0.0273
Di-n-octyl phthalate	1600				<0.0182
Hexachlorobenzene	0.4				<0.0273
Hexachlorobutadiene	NC				<0.0182
Hexachlorocyclopentadiene	1.1				<0.0363
Hexachloroethane	0.5				<0.727
Isophorone	8.0				<0.0363
2-Methylnaphthalene	NC				<0.0273
2-Methylphenol	15				<0.0273
4-Methylphenol	NC				<0.00909
2-Nitroaniline	NC				<0.0363
3-Nitroaniline	NC				<0.0273
4-Nitroaniline	NC				<0.0273
2-Nitrophenol	NC				<0.0363
4-Nitrophenol	NC				<0.0363
Nitrobenzene	0.26				<0.0273
N-Nitrosodi-n-propylamine	0.0018				<0.727
N-Nitrosodimethylamine	NC				<0.0363
N-Nitrosodiphenylamine	1.0				<0.00852
2, 2'-oxybis(1-Chloropropane)	NC				<0.0273
Pentachlorophenol	0.02				<0.0253
Phenol	100				<0.0363
Pyridine	NC				<0.727
1,2,4-Trichlorobenzene	5.0				<0.0273
2,4,5-Trichlorophenol	26				<0.0182
2,4,6-Trichlorophenol	0.66				<0.0182

NOTES

1. All results expressed in milligrams per kilogram (mg/kg)
2. NC = No toxicity criteria for this exposure route
3. NA = Not Analyzed
4. Metropolitan Statistical Areas (MSA) as defined in 35 IAC 742, Appendix A, Table G.

Bold Italicized	Sample result above CCDD MSA County MAC Values.
Bold	Sample result above CCDD City of Chicago MAC Values.
Bold Italicized	Sample result above CCDD Non-MSA County MAC Values.

TABLE 2c
Soil Analytical Results
PNAs Compared to CCDD MAC Values

	CCDD MAC Values				Sample	B-1-0506	B-1-1213	B-2-1314	B-3-0304	B-3-1112
	Populated MSA [4,5]	*City of Chicago*	*Populated Non-MSA* [4,5]	*Non-Populated* [4]	Date	1/15/2026	1/15/2026	1/15/2026	1/14/2026	1/14/2026
					Depth (ft)	5' - 6'	12' - 13'	13' - 14'	3' - 4'	11' - 12'
PNAs										
Acenaphthene	570					0.0285	<0.0185	<0.0632	<0.0717	<0.0186
Acenaphthylene	NC					0.0663	0.037	0.0874	<0.0717	<0.0186
Anthracene	12,000					0.154	0.0422	0.216	0.236	<0.0279
Benzo(a)anthracene	1.8	1.1	0.9			0.466	0.141	**1.2**	0.595	<0.0279
Benzo(a)pyrene	2.1	1.3	0.98	0.09		**0.488**	**0.2**	**1.43**	**0.617**	<0.0744
Benzo(b)fluoranthene	2.1	1.5	0.9			0.54	0.218	**1.93**	0.78	<0.0279
Benzo(g,h,i)perylene	NC					0.274	0.14	1.13	0.389	<0.0372
Benzo(k)fluoranthene	9					0.184	0.0881	0.563	0.248	<0.0372
Chrysene	88					0.468	0.139	1.35	0.619	0.0273
Dibenzo(a,h)anthracene	0.42	0.2	0.15	0.09		0.0729	0.0388	**0.252**	<0.0900	<0.0279
Fluoranthene	3,100					0.898	0.226	2.1	1.31	<0.0279
Fluorene	560					0.0636	<0.0185	<0.0632	0.0801	<0.0186
Indeno(1,2,3-cd)pyrene	1.6	0.9				0.278	0.148	**1.06**	0.42	<0.0279
Naphthalene	1.8					0.0273	<0.0277	<0.0948	<0.108	<0.0279
Phenanthrene	NC					0.786	0.135	0.82	0.79	0.0723
Pyrene	2,300					1.1	0.249	2.36	1.29	0.0329

NOTES

1. All results expressed in milligrams per kilogram (mg/kg)
2. NC = No toxicity criteria for this exposure route
3. NA = Not Analyzed
4. Populated Area as defined in 35 IAC 742.200.
5. Metropolitan Statistical Areas (MSA) as defined in 35 IAC 742, Appendix A, Table G.

Bold Italicized	Sample result above CCDD Populated MSA County MAC Values.
Bold	Sample result above CCDD City of Chicago MAC Values.
Bold Italicized	Sample result above CCDD Populated Non-MSA County MAC Values.
Bold	Sample result above CCDD Non-Populated Area MAC Values.

TABLE 2c
Soil Analytical Results
PNAs Compared to CCDD MAC Values

	CCDD MAC Values				Sample	B-4-0607	B-5-0506	B-5-1415	B-6-0607	B-6-0910
	Populated MSA [4,5]	*City of Chicago*	*Populated Non-MSA* [4,5]	*Non-Populated* [4]	**Date**	1/15/2026	1/16/2026	1/16/2026	1/15/2026	1/15/2026
					Depth (ft)	6' - 7'	5' - 6'	14' - 15'	6' - 7'	9' - 10'
PNAs										
Acenaphthene	570					<0.0742	0.353	0.0879	<0.0157	<0.0177
Acenaphthylene	NC					<0.0742	0.856	<0.0188	<0.0157	<0.0177
Anthracene	12,000					<0.111	1.64	0.239	<0.0235	<0.0266
Benzo(a)anthracene	1.8	1.1	0.9			<0.111	***5.56***	0.278	<0.0235	<0.0266
Benzo(a)pyrene	2.1	1.3	0.98	0.09		**0.116**	***5.57***	**0.221**	<0.0627	<0.0709
Benzo(b)fluoranthene	2.1	1.5	0.9			0.113	***6.72***	0.239	<0.0235	<0.0266
Benzo(g,h,i)perylene	NC					<0.148	3.32	0.134	<0.0313	<0.0355
Benzo(k)fluoranthene	9					<0.148	2.03	0.0845	<0.0313	<0.0355
Chrysene	88					0.121	5.37	0.267	<0.0157	<0.0177
Dibenzo(a,h)anthracene	0.42	0.2	0.15	0.09		<0.0900	***0.855***	<0.0282	<0.0235	<0.0266
Fluoranthene	3,100					0.313	9.78	0.626	<0.0235	<0.0266
Fluorene	560					<0.0742	0.529	0.0926	<0.0157	<0.0177
Indeno(1,2,3-cd)pyrene	1.6	0.9				<0.111	***3.59***	0.112	<0.0235	<0.0266
Naphthalene	1.8					<0.111	0.171	0.0325	<0.0235	<0.0266
Phenanthrene	NC					0.184	5.36	0.826	<0.0235	<0.0266
Pyrene	2,300					0.266	13.7	0.657	<0.0235	<0.0266

NOTES

1. All results expressed in milligrams per kilogram (mg/kg)
2. NC = No toxicity criteria for this exposure route
3. NA = Not Analyzed
4. Populated Area as defined in 35 IAC 742.200.
5. Metropolitan Statistical Areas (MSA) as defined in 35 IAC 742, Appendix A, Table G.

Bold Italicized	Sample result above CCDD Populated MSA County MAC Values.
Bold	Sample result above CCDD City of Chicago MAC Values.
Bold Italicized	Sample result above CCDD Populated Non-MSA County MAC Values.
Bold	Sample result above CCDD Non-Populated Area MAC Values.

TABLE 2c
Soil Analytical Results
PNAs Compared to CCDD MAC Values

	CCDD MAC Values				Sample	B-7-0809	B-8-0607	B-8-1112	B-9-0809	B-10-0607
	Populated MSA [4,5]	*City of Chicago*	*Populated Non-MSA* [4,5]	*Non-Populated* [4]	**Date**	1/16/2026	1/16/2026	1/16/2026	1/15/2026	1/15/2026
					Depth (ft)	8' - 9'	6' - 7'	11' - 12'	8' - 9'	6' - 7'
PNAs										
Acenaphthene	570					0.315	0.207	0.0189	<0.0178	<0.0175
Acenaphthylene	NC					<0.0727	0.138	<0.0177	<0.0178	<0.0175
Anthracene	12,000					0.838	0.608	0.0593	<0.0267	<0.0263
Benzo(a)anthracene	1.8	1.1	0.9			***2.35***	**1.59**	0.147	<0.0267	<0.0263
Benzo(a)pyrene	2.1	1.3	0.98	0.09		***2.31***	**1.49**	**0.118**	<0.0712	<0.0700
Benzo(b)fluoranthene	2.1	1.5	0.9			***3.25***	**1.93**	0.156	0.0318	<0.0263
Benzo(g,h,i)perylene	NC					1.48	0.897	0.0714	<0.0356	<0.0350
Benzo(k)fluoranthene	9					1.01	0.698	0.0505	<0.0356	<0.0350
Chrysene	88					2.63	1.64	0.153	0.0255	<0.0175
Dibenzo(a,h)anthracene	0.42	0.2	0.15	0.09		**0.395**	**0.244**	<0.0266	<0.0267	<0.0263
Fluoranthene	3,100					5.45	3.64	0.295	0.0407	<0.0263
Fluorene	560					0.463	0.348	0.0295	<0.0178	<0.0175
Indeno(1,2,3-cd)pyrene	1.6	0.9				**1.59**	**0.992**	0.0702	<0.0267	<0.0263
Naphthalene	1.8					0.245	<0.112	<0.0266	<0.0267	<0.0263
Phenanthrene	NC					3.47	1.57	0.24	<0.0267	<0.0263
Pyrene	2,300					5.21	3.48	0.264	0.0407	<0.0263

NOTES

1. All results expressed in milligrams per kilogram (mg/kg)
2. NC = No toxicity criteria for this exposure route
3. NA = Not Analyzed
4. Populated Area as defined in 35 IAC 742.200.
5. Metropolitan Statistical Areas (MSA) as defined in 35 IAC 742, Appendix A, Table G.

Bold Italicized	Sample result above CCDD Populated MSA County MAC Values.
Bold	Sample result above CCDD City of Chicago MAC Values.
Bold Italicized	Sample result above CCDD Populated Non-MSA County MAC Values.
Bold	Sample result above CCDD Non-Populated Area MAC Values.

TABLE 2c
Soil Analytical Results
PNAs Compared to CCDD MAC Values

	CCDD MAC Values				Sample	B-10-1112
	Populated MSA [4,5]	*City of Chicago*	*Populated Non-MSA* [4,5]	*Non-Populated* [4]	**Date**	1/15/2026
					Depth (ft)	11' - 12'
PNAs						
Acenaphthene	570					<0.0182
Acenaphthylene	NC					<0.0182
Anthracene	12,000					<0.0273
Benzo(a)anthracene	1.8	1.1	0.9			<0.0273
Benzo(a)pyrene	2.1	1.3	0.98	0.09		<0.0727
Benzo(b)fluoranthene	2.1	1.5	0.9			<0.0273
Benzo(g,h,i)perylene	NC					<0.0363
Benzo(k)fluoranthene	9					<0.0363
Chrysene	88					<0.0182
Dibenzo(a,h)anthracene	0.42	0.2	0.15	0.09		<0.0273
Fluoranthene	3,100					<0.0273
Fluorene	560					<0.0182
Indeno(1,2,3-cd)pyrene	1.6	0.9				<0.0273
Naphthalene	1.8					<0.0273
Phenanthrene	NC					<0.0273
Pyrene	2,300					<0.0273

NOTES

1. All results expressed in milligrams per kilogram (mg/kg)
2. NC = No toxicity criteria for this exposure route
3. NA = Not Analyzed
4. Populated Area as defined in 35 IAC 742.200.
5. Metropolitan Statistical Areas (MSA) as defined in 35 IAC 742, Appendix A, Table G.

Bold Italicized	Sample result above CCDD Populated MSA County MAC Values.
Bold	Sample result above CCDD City of Chicago MAC Values.
Bold Italicized	Sample result above CCDD Populated Non-MSA County MAC Values.
Bold	Sample result above CCDD Non-Populated Area MAC Values.

TABLE 2d
Soil Analytical Results
Inorganics and pH Compared to CCDD MAC Values

	CCDD MAC Values			Sample	B-1-0506	B-1-1213	B-2-1314
	MSA County [4]	*City of Chicago*	*Non-MSA County* [4]	**Date**	1/15/2026	1/15/2026	1/15/2026
				Depth (ft)	5' - 6'	12' - 13'	13' - 14'
Inorganics							
Aluminum	NC				9160	5000	786
Antimony	5				<1.20	<1.23	<1.04
Arsenic	13		11.3		7.69	6.24	1.08
Barium	1,500				96.8	40.5	11.9
Beryllium	22				0.776	0.411	<0.260
Cadmium	5.2				0.529	<0.307	<0.260
Calcium	NC				19700	32300	76500
Chromium	21				16.8	11.2	4.96
Cobalt	20				11.4	7.94	1.34
Copper	2,900				40.4	31.7	6.81
Cyanide	40				<0.279	<0.289	<0.249
Iron	15,900		15,000		**19100***	13400	2350
Lead	107				***200***	49.4	40.4
Magnesium	325,000				9150	15400	48600
Manganese	636		630		***755***	281	122
Mercury (Total)	0.89				0.489	0.682	0.0689
Nickel	100				25.4	19.7	5.58
Potassium	NC				1360	1070	393
Selenium	1.3				<0.598	<0.614	<0.520
Silver	4.4				<0.598	<0.614	<0.520
Sodium	NC				476	200	139
Thallium	2.6				<0.598	<0.614	<0.520
Vanadium	550				21.8	11.8	3.3
Zinc	5,100				111	62.9	16.9
pH	6.25 - 9.0				8.01	7.97	**9.44**
TCLP (mg/L)							
Aluminum	NC				NA	NA	NA
Antimony	0.006				NA	NA	NA
Arsenic	0.05				NA	NA	NA
Barium	2				NA	NA	NA
Beryllium	0.004				NA	NA	NA
Cadmium	0.005				NA	NA	NA
Calcium	NC				NA	NA	NA
Chromium	0.1				NA	NA	NA
Cobalt	1				NA	NA	NA
Copper	0.65				NA	NA	NA
Cyanide	0.2				NA	NA	NA
Iron	5				NA	NA	NA
Lead	0.0075				NA	NA	NA
Magnesium	NC				NA	NA	NA
Manganese	0.15				NA	NA	NA
Mercury (Total)	0.002				NA	NA	NA
Nickel	0.1				NA	NA	NA
Potassium	NC				NA	NA	NA
Selenium	0.05				NA	NA	NA
Silver	0.05				NA	NA	NA
Sodium	NC				NA	NA	NA
Thallium	0.002				NA	NA	NA
Vanadium	0.049				NA	NA	NA
Zinc	5				NA	NA	NA

NOTES

1. NC = No toxicity criteria for this exposure route
2. NA = Not Analyzed
3. **Bold*** = Excluded under footnote m of the MAC Table
4. Metropolitan Statistical Areas (MSA) as defined in 35 IAC 742, Appendix A, Table G.

Bold Italicized	Sample result above CCDD MSA County MAC Values.
Bold	Sample result above CCDD City of Chicago MAC Values.
Bold Italicized	Sample result above CCDD Non-MSA County MAC Values.

TABLE 2d
Soil Analytical Results
Inorganics and pH Compared to CCDD MAC Values

	CCDD MAC Values			Sample	B-3-0304	B-3-1112	B-4-0607
	MSA County [4]	*City of Chicago*	*Non-MSA County* [4]	Date	1/14/2026	1/14/2026	1/15/2026
				Depth (ft)	3' - 4'	11' - 12'	6' - 7'
Inorganics							
Aluminum	NC				6360	7280	5970
Antimony	5				<1.18	<1.24	<1.21
Arsenic	13		11.3		4.54	6.53	9.5
Barium	1,500				53.8	37.3	69.1
Beryllium	22				0.478	0.446	0.475
Cadmium	5.2				<0.295	<0.310	<0.303
Calcium	NC				18000	43000	30800
Chromium	21				12.4	14.4	13
Cobalt	20				8.09	10.2	8.52
Copper	2,900				36.1	21.5	29.9
Cyanide	40				<0.279	<0.295	<0.295
Iron	15,900		15,000		14200	**17600***	**23600***
Lead	107				***187***	11.7	93.8
Magnesium	325,000				8840	20600	16400
Manganese	636		630		359	307	297
Mercury (Total)	0.89				0.761	<0.0607	<0.0576
Nickel	100				19.3	26.1	24.8
Potassium	NC				817	1740	1050
Selenium	1.3				<0.591	<0.621	<0.607
Silver	4.4				<0.591	<0.621	<0.607
Sodium	NC				1590	503	1190
Thallium	2.6				<0.591	<0.621	<0.607
Vanadium	550				15.9	15	17.2
Zinc	5,100				65.6	38.4	116
pH	6.25 - 9.0				**9.14**	7.77	7.95
TCLP (mg/L)							
Aluminum	NC				NA	NA	NA
Antimony	0.006				NA	NA	NA
Arsenic	0.05				NA	NA	NA
Barium	2				NA	NA	NA
Beryllium	0.004				NA	NA	NA
Cadmium	0.005				NA	NA	NA
Calcium	NC				NA	NA	NA
Chromium	0.1				NA	NA	NA
Cobalt	1				NA	NA	NA
Copper	0.65				NA	NA	NA
Cyanide	0.2				NA	NA	NA
Iron	5				NA	NA	NA
Lead	0.0075				NA	NA	NA
Magnesium	NC				NA	NA	NA
Manganese	0.15				NA	NA	NA
Mercury (Total)	0.002				NA	NA	NA
Nickel	0.1				NA	NA	NA
Potassium	NC				NA	NA	NA
Selenium	0.05				NA	NA	NA
Silver	0.05				NA	NA	NA
Sodium	NC				NA	NA	NA
Thallium	0.002				NA	NA	NA
Vanadium	0.049				NA	NA	NA
Zinc	5				NA	NA	NA

NOTES

1. NC = No toxicity criteria for this exposure route
2. NA = Not Analyzed
3. **Bold*** = Excluded under footnote m of the MAC Table
4. Metropolitan Statistical Areas (MSA) as defined in 35 IAC 742, Appendix A, Table G.

Bold Italicized	Sample result above CCDD MSA County MAC Values.
Bold	Sample result above CCDD City of Chicago MAC Values.
Bold Italicized	Sample result above CCDD Non-MSA County MAC Values.

TABLE 2d
Soil Analytical Results
Inorganics and pH Compared to CCDD MAC Values

	CCDD MAC Values			Sample	B-5-0506	B-5-1415	B-5-0506
	MSA County [4]	*City of Chicago*	*Non-MSA County* [4]	Date	1/16/2026	1/16/2026	1/15/2026
				Depth (ft)	5' - 6'	14' - 15'	6' - 7'
Inorganics							
Aluminum	NC				5100	5800	4190
Antimony	5				<1.32	<1.25	<1.05
Arsenic	13		11.3		***13.8***	6.05	5.01
Barium	1,500				292	41.8	12.7
Beryllium	22				0.969	0.374	0.295
Cadmium	5.2				1.23	<0.313	<0.261
Calcium	NC				19300	43100	24000
Chromium	21				15	13.3	8.93
Cobalt	20				5.13	9.42	5.29
Copper	2,900				139	28	15.3
Cyanide	40				<0.312	<0.291	<0.251
Iron	15,900		15,000		12100	**15800*** **	14200
Lead	107				***1400***	42	7.94
Magnesium	325,000				6910	21100	11600
Manganese	636		630		161	320	172
Mercury (Total)	0.89				***1.92***	<0.0625	<0.0495
Nickel	100				13.4	23.6	17.4
Potassium	NC				758	1330	797
Selenium	1.3				***2.06***	<0.627	<0.523
Silver	4.4				<0.658	<0.627	<0.523
Sodium	NC				2040	357	197
Thallium	2.6				<0.658	<0.627	<0.523
Vanadium	550				19.1	13.5	9.45
Zinc	5,100				622	48.7	25.7
pH	6.25 - 9.0				7.48	7.22	7.82
TCLP (mg/L)							
Aluminum	NC				NA	NA	NA
Antimony	0.006				NA	NA	NA
Arsenic	0.05				NA	NA	NA
Barium	2				NA	NA	NA
Beryllium	0.004				NA	NA	NA
Cadmium	0.005				NA	NA	NA
Calcium	NC				NA	NA	NA
Chromium	0.1				NA	NA	NA
Cobalt	1				NA	NA	NA
Copper	0.65				NA	NA	NA
Cyanide	0.2				NA	NA	NA
Iron	5				NA	NA	NA
Lead	0.0075				NA	NA	NA
Magnesium	NC				NA	NA	NA
Manganese	0.15				NA	NA	NA
Mercury (Total)	0.002				NA	NA	NA
Nickel	0.1				NA	NA	NA
Potassium	NC				NA	NA	NA
Selenium	0.05				NA	NA	NA
Silver	0.05				NA	NA	NA
Sodium	NC				NA	NA	NA
Thallium	0.002				NA	NA	NA
Vanadium	0.049				NA	NA	NA
Zinc	5				NA	NA	NA

NOTES

1. NC = No toxicity criteria for this exposure route
2. NA = Not Analyzed
3. **Bold*** = Excluded under footnote m of the MAC Table
4. Metropolitan Statistical Areas (MSA) as defined in 35 IAC 742, Appendix A, Table G.

Bold Italicized	Sample result above CCDD MSA County MAC Values.
Bold	Sample result above CCDD City of Chicago MAC Values.
Bold Italicized	Sample result above CCDD Non-MSA County MAC Values.

TABLE 2d
Soil Analytical Results
Inorganics and pH Compared to CCDD MAC Values

	CCDD MAC Values			Sample	B-6-0910	B-7-0809	B-8-0607
	MSA County [4]	*City of Chicago*	*Non-MSA County* [4]	**Date**	1/15/2026	1/16/2026	1/16/2026
				Depth (ft)	9' - 10'	8' - 9'	6' - 7'
Inorganics							
Aluminum	NC				4740	5420	5080
Antimony	5				<1.18	<1.22	<1.24
Arsenic	13		11.3		5.14	4.69	5.83
Barium	1,500				26	45.9	188
Beryllium	22				0.423	0.395	0.482
Cadmium	5.2				<0.295	<0.304	0.552
Calcium	NC				29500	16000	33500
Chromium	21				9.97	14.1	13
Cobalt	20				7.26	7.34	6.34
Copper	2,900				15	23.6	28.7
Cyanide	40				<0.283	<0.284	<0.299
Iron	15,900		15,000		11700	14100	11700
Lead	107				19.5	35.1	***122***
Magnesium	325,000				14000	9030	13400
Manganese	636		630		213	180	212
Mercury (Total)	0.89				<0.0576	0.205	0.163
Nickel	100				18.2	20.5	16
Potassium	NC				1090	984	852
Selenium	1.3				<0.590	<0.608	<0.618
Silver	4.4				<0.590	<0.608	<0.618
Sodium	NC				104	1250	1070
Thallium	2.6				<0.590	<0.608	<0.618
Vanadium	550				10.1	15.8	13.5
Zinc	5,100				27	44	190
pH	6.25 - 9.0				7.86	8.30	8.46
TCLP (mg/L)							
Aluminum	NC				NA	NA	NA
Antimony	0.006				NA	NA	NA
Arsenic	0.05				NA	NA	NA
Barium	2				NA	NA	NA
Beryllium	0.004				NA	NA	NA
Cadmium	0.005				NA	NA	NA
Calcium	NC				NA	NA	NA
Chromium	0.1				NA	NA	NA
Cobalt	1				NA	NA	NA
Copper	0.65				NA	NA	NA
Cyanide	0.2				NA	NA	NA
Iron	5				NA	NA	NA
Lead	0.0075				NA	NA	NA
Magnesium	NC				NA	NA	NA
Manganese	0.15				NA	NA	NA
Mercury (Total)	0.002				NA	NA	NA
Nickel	0.1				NA	NA	NA
Potassium	NC				NA	NA	NA
Selenium	0.05				NA	NA	NA
Silver	0.05				NA	NA	NA
Sodium	NC				NA	NA	NA
Thallium	0.002				NA	NA	NA
Vanadium	0.049				NA	NA	NA
Zinc	5				NA	NA	NA

NOTES

1. NC = No toxicity criteria for this exposure route
2. NA = Not Analyzed
3. **Bold*** = Excluded under footnote m of the MAC Table
4. Metropolitan Statistical Areas (MSA) as defined in 35 IAC 742, Appendix A, Table G.

Bold Italicized	Sample result above CCDD MSA County MAC Values.
Bold	Sample result above CCDD City of Chicago MAC Values.
Bold Italicized	Sample result above CCDD Non-MSA County MAC Values.

TABLE 2d
Soil Analytical Results
Inorganics and pH Compared to CCDD MAC Values

	CCDD MAC Values			Sample	B-8-1112	B-9-0809	B-10-0607
	MSA County [4]	City of Chicago	Non-MSA County [4]	Date	1/16/2026	1/15/2026	1/15/2026
				Depth (ft)	11' - 12'	8' - 9'	6' - 7'
Inorganics							
Aluminum	NC				6650	6130	5920
Antimony	5				<1.17	<1.18	<1.14
Arsenic	13		11.3		***15.7***	5.84	6.46
Barium	1,500				68.5	34	24.3
Beryllium	22				0.405	0.439	0.361
Cadmium	5.2				<0.293	<0.295	<0.286
Calcium	NC				39900	24200	37600
Chromium	21				15.1	13	12.9
Cobalt	20				13.3	8.32	8.77
Copper	2,900				31.3	20.5	23.2
Cyanide	40				<0.281	<0.285	<0.270
Iron	15,900		15,000		**25900***	**17100***	**16500***
Lead	107				26.9	11.6	12.9
Magnesium	325,000				20400	13700	20000
Manganese	636		630		378	218	295
Mercury (Total)	0.89				<0.0584	<0.0569	<0.0557
Nickel	100				34.7	25.4	26.2
Potassium	NC				1330	1210	1290
Selenium	1.3				<0.587	<0.589	<0.572
Silver	4.4				<0.587	<0.589	<0.572
Sodium	NC				627	1080	592
Thallium	2.6				<0.587	<0.589	0.572
Vanadium	550				15.6	14.3	13.1
Zinc	5,100				66	39.4	34.8
pH	6.25 - 9.0				6.74	8.48	8.56
TCLP (mg/L)							
Aluminum	NC				NA	NA	NA
Antimony	0.006				NA	NA	NA
Arsenic	0.05				NA	NA	NA
Barium	2				NA	NA	NA
Beryllium	0.004				NA	NA	NA
Cadmium	0.005				NA	NA	NA
Calcium	NC				NA	NA	NA
Chromium	0.1				NA	NA	NA
Cobalt	1				NA	NA	NA
Copper	0.65				NA	NA	NA
Cyanide	0.2				NA	NA	NA
Iron	5				<0.375	NA	NA
Lead	0.0075				NA	NA	NA
Magnesium	NC				NA	NA	NA
Manganese	0.15				NA	NA	NA
Mercury (Total)	0.002				NA	NA	NA
Nickel	0.1				NA	NA	NA
Potassium	NC				NA	NA	NA
Selenium	0.05				NA	NA	NA
Silver	0.05				NA	NA	NA
Sodium	NC				NA	NA	NA
Thallium	0.002				NA	NA	NA
Vanadium	0.049				NA	NA	NA
Zinc	5				NA	NA	NA

NOTES

1. NC = No toxicity criteria for this exposure route
2. NA = Not Analyzed
3. **Bold*** = Excluded under footnote m of the MAC Table
4. Metropolitan Statistical Areas (MSA) as defined in 35 IAC 742, Appendix A, Table G.

Bold Italicized	Sample result above CCDD MSA County MAC Values.
Bold	Sample result above CCDD City of Chicago MAC Values.
Bold Italicized	Sample result above CCDD Non-MSA County MAC Values.

TABLE 2e
Soil Analytical Results
Pesticides, Herbicides, and PCBs Compared to CCDD MAC Values

	CCDD MAC Values			Sample	B-1-0506	B-1-1213	B-2-1314	B-3-0304	B-3-1112	B-4-0607
	MSA County[5]	*City of Chicago*	*Non-MSA County*[5]	**Date**	1/15/2026	1/15/2026	1/15/2026	1/14/2026	1/14/2026	1/15/2026
				Depth (ft)	5' - 6'	12' - 13'	13' - 14'	3' - 4'	11' - 12'	6' - 7'
Pesticides										
4,4´-DDD	3				<0.00931	<0.00960	<0.00841	<0.00948	<0.00988	<0.00947
4,4´-DDE	2				<0.00466	<0.00480	<0.00420	<0.00474	<0.00494	<0.00473
4,4´-DDT	2				<0.00931	<0.00960	<0.00841	<0.00948	<0.00988	<0.00947
Aldrin	0.94				<0.00466	<0.00480	<0.00420	<0.00474	<0.00494	<0.00473
alpha-BHC	0.0074				<0.00466	<0.00480	<0.00420	<0.00474	<0.00494	<0.00473
alpha-Chlordane	NC				<0.00466	<0.00480	<0.00420	<0.00474	<0.00494	<0.00473
beta-BHC	NC				<0.00931	<0.00960	<0.00841	<0.00948	<0.00988	<0.00947
Chlordane	1.8				<0.0466	<0.0480	<0.0420	<0.0474	<0.0494	<0.0473
delta-BHC	NC				<0.00466	<0.00480	<0.00420	<0.00474	<0.00494	<0.00473
Dieldrin	0.603				<0.00466	<0.00480	<0.00420	<0.00474	<0.00494	<0.00473
Endosulfan I	18				<0.00466	<0.00480	<0.00420	<0.00474	<0.00494	<0.00473
Endosulfan II	18				<0.00466	<0.00480	<0.00420	<0.00474	<0.00494	<0.00473
Endosulfan sulfate	NC				<0.00931	<0.00960	<0.00841	<0.00948	<0.00988	<0.00947
Endrin	1				<0.00466	<0.00467	<0.00468	<0.00469	<0.00470	<0.00471
Endrin aldehyde	NC				<0.00931	<0.00960	<0.00841	<0.00948	<0.00988	<0.00947
Endrin ketone	NC				<0.00931	<0.00960	<0.00841	<0.00948	<0.00988	<0.00947
gamma-BHC (Lindane)	0.009				<0.00466	<0.00480	<0.00420	<0.00474	<0.00494	<0.00473
gamma-Chlordane	NC				<0.00931	<0.00960	<0.00841	<0.00948	<0.00988	<0.00947
Heptachlor	0.871				<0.00466	<0.00480	<0.00420	<0.00474	<0.00494	<0.00473
Heptachlor epoxide	1.005				<0.00466	<0.00480	<0.00420	<0.00474	<0.00494	<0.00473
Methoxychlor	160				<0.00931	<0.00960	<0.00841	<0.00948	<0.00988	<0.00947
Toxaphene	0.6				<0.582	<0.600	<0.526	<0.592	<0.600	<0.592
Herbicides										
2,4,5-TP (Silvex)	11				<0.240	<0.244	<2.10	<0.236	<0.250	<0.246
2,4-D	1.5				<0.240	<0.244	<2.10	<0.236	<0.250	<0.246
Dalapon	0.85				<0.850	<0.850	<6.43	<0.850	<0.850	<0.850
Dinoseb	0.25				<0.240	<0.244	<2.10	<0.236	<0.250	<0.246
Pentachlorophenol	0.02				NA	NA	NA	NA	NA	NA
Picloram	2				<0.120	<0.122	<1.05	<0.118	<0.125	<0.123
PCBs										
Aroclor 1016	NC				<0.0236	<0.0245	<0.0207	<0.0237	<0.0247	<0.0243
Aroclor 1221	NC				<0.0707	<0.0735	<0.0621	<0.0711	<0.0741	<0.0730
Aroclor 1232	NC				<0.0942	<0.0981	<0.0828	<0.0948	<0.0988	<0.0974
Aroclor 1242	NC				<0.0353	<0.0368	<0.0310	<0.0355	<0.0370	<0.0365
Aroclor 1248	NC				<0.0353	<0.0368	<0.0310	<0.0355	<0.0370	<0.0365
Aroclor 1254	NC				<0.0236	<0.0245	<0.0207	<0.0237	<0.0247	<0.0243
Aroclor 1260	NC				<0.0353	<0.0368	<0.0310	<0.0355	<0.0370	<0.0365
Total PCBs	1				ND	ND	ND	ND	ND	ND

NOTES

1. All results expressed in milligrams per kilogram (mg/kg)
2. NC = No toxicity criteria for this exposure route
3. NA = Not Analyzed
4. ND = Not Detected at the reporting limit
5. Metropolitan Statistical Areas (MSA) as defined in 35 IAC 742, Appendix A, Table G.

Bold Italicized Sample result above CCDD MSA County MAC Values.

Bold Sample result above CCDD City of Chicago MAC Values.

Bold Italicized Sample result above CCDD Non-MSA County MAC Values.

TABLE 2e
Soil Analytical Results
Pesticides, Herbicides, and PCBs Compared to CCDD MAC Values

	CCDD MAC Values			Sample	B-5-0506	B-5-1415	B-5-0506	B-6-0910	B-7-0809	B-8-0607
	MSA County[5]	*City of Chicago*	*Non-MSA County*[5]	**Date**	1/16/2026	1/16/2026	1/15/2026	1/15/2026	1/16/2026	1/16/2026
				Depth (ft)	5' - 6'	14' - 15'	6' - 7'	9' - 10'	8' - 9'	6' - 7'
Pesticides										
4,4´-DDD	3				<0.0105	<0.00977	<0.00832	<0.00930	<0.00940	<0.00975
4,4´-DDE	2				<0.00527	<0.00488	<0.00416	<0.00465	<0.00470	<0.00488
4,4´-DDT	2				<0.0105	<0.00977	<0.00832	<0.00930	<0.00940	<0.00975
Aldrin	0.94				<0.00527	<0.00488	<0.00416	<0.00465	<0.00470	<0.00488
alpha-BHC	0.0074				<0.00527	<0.00488	<0.00416	<0.00465	<0.00470	<0.00488
alpha-Chlordane	NC				<0.00527	<0.00488	<0.00416	<0.00465	<0.00470	<0.00488
beta-BHC	NC				<0.0105	<0.00977	<0.00832	<0.00930	<0.00940	<0.00975
Chlordane	1.8				<0.0527	<0.0488	<0.0416	<0.0465	<0.0470	<0.0488
delta-BHC	NC				<0.00527	<0.00488	<0.00416	<0.00465	<0.00470	<0.00488
Dieldrin	0.603				<0.00527	<0.00488	<0.00416	<0.00465	<0.00470	<0.00488
Endosulfan I	18				<0.00527	<0.00488	<0.00416	<0.00465	<0.00470	<0.00488
Endosulfan II	18				<0.00527	<0.00488	<0.00416	<0.00465	<0.00470	<0.00488
Endosulfan sulfate	NC				<0.0105	<0.00977	<0.00832	<0.00930	<0.00940	<0.00975
Endrin	1				<0.00472	<0.00473	<0.00474	<0.00475	<0.00476	<0.00477
Endrin aldehyde	NC				<0.0105	<0.00977	<0.00832	<0.00930	<0.00940	<0.00975
Endrin ketone	NC				<0.0105	<0.00977	<0.00832	<0.00930	<0.00940	<0.00975
gamma-BHC (Lindane)	0.009				<0.00527	<0.00488	<0.00416	<0.00465	<0.00470	<0.00488
gamma-Chlordane	NC				<0.0105	<0.00977	<0.00832	<0.00930	<0.00940	<0.00975
Heptachlor	0.871				<0.00527	<0.00488	<0.00416	<0.00465	<0.00470	<0.00488
Heptachlor epoxide	1.005				<0.00527	<0.00488	<0.00416	<0.00465	<0.00470	<0.00488
Methoxychlor	160				<0.0105	<0.00977	<0.00832	<0.00930	<0.00940	<0.00975
Toxaphene	0.6				<0.600	<0.600	<0.520	<0.581	<0.588	<0.600
Herbicides										
2,4,5-TP (Silvex)	11				<0.255	<0.250	<0.207	<0.236	<0.233	<0.249
2,4-D	1.5				<0.255	<0.250	<0.207	<0.236	<0.233	<0.249
Dalapon	0.85				<0.850	<0.850	<0.850	<0.850	<0.850	<0.850
Dinoseb	0.25				<0.255	<0.250	<0.207	<0.236	<0.233	<0.249
Pentachlorophenol	0.02				NA	NA	NA	NA	NA	NA
Picloram	2				<0.128	<0.125	<0.104	<0.118	<0.117	<0.125
PCBs										
Aroclor 1016	NC				<0.0264	<0.0244	<0.0210	<0.0236	<0.0235	<0.0244
Aroclor 1221	NC				<0.0791	<0.0733	<0.0630	<0.0708	<0.0705	<0.0732
Aroclor 1232	NC				<0.100	<0.0977	<0.0840	<0.0944	<0.0940	<0.0975
Aroclor 1242	NC				<0.0396	<0.0366	<0.0315	<0.0354	<0.0353	<0.0366
Aroclor 1248	NC				<0.0396	<0.0366	<0.0315	<0.0354	<0.0353	<0.0366
Aroclor 1254	NC				<0.0264	<0.0244	<0.0210	<0.0236	<0.0235	<0.0244
Aroclor 1260	NC				<0.0396	<0.0366	<0.0315	<0.0354	<0.0353	<0.0366
Total PCBs	1				ND	ND	ND	ND	ND	ND

NOTES

1. All results expressed in milligrams per kilogram (mg/kg)
2. NC = No toxicity criteria for this exposure route
3. NA = Not Analyzed
4. ND = Not Detected at the reporting limit
5. Metropolitan Statistical Areas (MSA) as defined in 35 IAC 742, Appendix A, Table G.

Bold Italicized Sample result above CCDD MSA County MAC Values.

Bold Sample result above CCDD City of Chicago MAC Values.

Bold Italicized Sample result above CCDD Non-MSA County MAC Values.

TABLE 2e
Soil Analytical Results
Pesticides, Herbicides, and PCBs Compared to CCDD MAC Values

	CCDD MAC Values			Sample	B-8-1112	B-9-0809	B-10-0607	B-10-1112
	MSA County [5]	*City of Chicago*	*Non-MSA County* [5]	**Date**	1/16/2026	1/15/2026	1/15/2026	1/15/2026
				Depth (ft)	11' - 12'	8' - 9'	6' - 7'	11' - 12'
Pesticides								
4,4´-DDD	3				<0.00919	<0.00917	<0.00926	<0.00933
4,4´-DDE	2				<0.00460	<0.00458	<0.00463	<0.00467
4,4´-DDT	2				<0.00919	<0.00917	<0.00926	<0.00933
Aldrin	0.94				<0.00460	<0.00458	<0.00463	<0.00467
alpha-BHC	0.0074				<0.00460	<0.00458	<0.00463	<0.00467
alpha-Chlordane	NC				<0.00460	<0.00458	<0.00463	<0.00467
beta-BHC	NC				<0.00919	<0.00917	<0.00926	<0.00933
Chlordane	1.8				<0.0460	<0.0458	<0.0463	<0.0467
delta-BHC	NC				<0.00460	<0.00458	<0.00463	<0.00467
Dieldrin	0.603				<0.00460	<0.00458	<0.00463	<0.00467
Endosulfan I	18				<0.00460	<0.00458	<0.00463	<0.00467
Endosulfan II	18				<0.00460	<0.00458	<0.00463	<0.00467
Endosulfan sulfate	NC				<0.00919	<0.00917	<0.00926	<0.00933
Endrin	1				<0.00478	<0.00479	<0.00480	<0.00481
Endrin aldehyde	NC				<0.00919	<0.00917	<0.00926	<0.00933
Endrin ketone	NC				<0.00919	<0.00917	<0.00926	<0.00933
gamma-BHC (Lindane)	0.009				<0.00460	<0.00458	<0.00463	<0.00467
gamma-Chlordane	NC				<0.00919	<0.00917	<0.00926	<0.00933
Heptachlor	0.871				<0.00460	<0.00458	<0.00463	<0.00467
Heptachlor epoxide	1.005				<0.00460	<0.00458	<0.00463	<0.00467
Methoxychlor	160				<0.00919	<0.00917	<0.00926	<0.00933
Toxaphene	0.6				<0.575	<0.573	<0.579	<0.583
Herbicides								
2,4,5-TP (Silvex)	11				<0.235	<0.235	<0.234	<0.237
2,4-D	1.5				<0.235	<0.235	<0.234	<0.237
Dalapon	0.85				<0.850	<0.850	<0.850	<0.850
Dinoseb	0.25				<0.235	<0.235	<0.234	<0.237
Pentachlorophenol	0.02				NA	NA	NA	NA
Picloram	2				<0.118	<0.118	<0.117	<0.119
PCBs								
Aroclor 1016	NC				<0.0230	<0.0235	<0.0233	<0.0242
Aroclor 1221	NC				<0.0689	<0.0704	<0.0698	<0.0727
Aroclor 1232	NC				<0.0919	<0.0939	<0.0930	<0.0969
Aroclor 1242	NC				<0.0345	<0.0352	<0.0349	<0.0363
Aroclor 1248	NC				<0.0345	<0.0352	<0.0349	<0.0363
Aroclor 1254	NC				<0.0230	<0.0235	<0.0233	<0.0242
Aroclor 1260	NC				<0.0345	<0.0352	<0.0349	<0.0363
Total PCBs	1				ND	ND	ND	ND

NOTES

1. All results expressed in milligrams per kilogram (mg/kg)
2. NC = No toxicity criteria for this exposure route
3. NA = Not Analyzed
4. ND = Not Detected at the reporting limit
5. Metropolitan Statistical Areas (MSA) as defined in 35 IAC 742, Appendix A, Table G.

Bold Italicized	Sample result above CCDD MSA County MAC Values.
Bold	Sample result above CCDD City of Chicago MAC Values.
Bold Italicized	Sample result above CCDD Non-MSA County MAC Values.

TABLE 3a
Soil Analytical Results
VOCs Compared to Construction Worker SROs

	CONSTRUCTION WORKER		Sample	B-1-0506	B-1-1213	B-2-1314	B-3-0304	B-3-1112	B-4-0607
			Date	1/15/2026	1/15/2026	1/15/2026	1/14/2026	1/14/2026	1/15/2026
	Ingestion	*Inhalation*	Depth (ft)	5' - 6'	12' - 13'	13' - 14'	3' - 4'	11' - 12'	6' - 7'
VOCs									
Acetone	NC	100,000		<0.0805	<0.0691	<0.0657	<0.0874	<0.0673	<0.0849
Benzene	2,300	2.2		<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Bromodichloromethane	2,000	3,000		<0.00230	<0.00197	<0.00188	<0.00250	<0.00192	<0.00242
Bromoform	16,000	140		<0.00460	<0.00395	<0.00375	<0.00500	<0.00385	<0.00485
Bromomethane	1,000	3.9		<0.0230	<0.0197	<0.0188	<0.0250	<0.0192	<0.0242
2-Butanone (Methyl Ethyl Ketone)	NC	NC		<0.0322	<0.0276	<0.0263	<0.0350	<0.0269	<0.0339
Carbon disulfide	20,000	9		<0.00460	<0.00395	<0.00375	<0.00500	<0.00385	<0.00485
Carbon tetrachloride	410	0.9		<0.0230	<0.0197	<0.0188	<0.0250	<0.0192	<0.0242
Chlorobenzene	4,100	1.3		<0.00460	<0.00395	<0.00375	<0.00500	<0.00385	<0.00485
Chloroethane	NC	NC		<0.00920	<0.00790	<0.00751	<0.00999	<0.00769	<0.00970
Chloroform	2,000	0.76		<0.00460	<0.00395	<0.00375	<0.00500	<0.00385	<0.00485
Chloromethane	NC	NC		<0.00920	<0.00790	<0.00751	<0.00999	<0.00769	<0.00970
Dibromochloromethane	41,000	1,300		<0.00230	<0.00197	<0.00188	<0.00250	<0.00192	<0.00242
1,1-Dichloroethane	200,000	130		<0.00460	<0.00395	<0.00375	<0.00500	<0.00385	<0.00485
1,2-Dichloroethane	1,400	0.99		<0.00230	<0.00197	<0.00188	<0.00250	<0.00192	<0.00242
1,1-Dichloroethene	10,000	3		<0.00230	<0.00197	<0.00188	<0.00250	<0.00192	<0.00242
cis-1,2-Dichloroethene	20,000	1,200		<0.00460	<0.00395	<0.00375	<0.00500	<0.00385	<0.00485
trans-1,2-Dichloroethene	41,000	3,100		<0.00460	<0.00395	<0.00375	<0.00500	<0.00385	<0.00485
1,2-Dichloropropane	1,800	0.5		<0.00230	<0.00197	<0.00188	<0.00250	<0.00192	<0.00242
cis-1,3-Dichloropropene	1,200	0.39		<0.00400	<0.00395	<0.00375	<0.00400	<0.00385	<0.00400
trans-1,3-Dichloropropene	1,200	0.39		<0.00400	<0.00395	<0.00375	<0.00400	<0.00385	<0.00400
Ethylbenzene	20,000	58		<0.00920	<0.00790	<0.00751	<0.00999	<0.00769	<0.00970
2-Hexanone	NC	NC		<0.0322	<0.0276	<0.0263	<0.0350	<0.0269	<0.0339
4-Methyl-2-pentanone	NC	NC		<0.0322	<0.0276	<0.0263	<0.0350	<0.0269	<0.0339
Methylene chloride	12,000	34		<0.0200	<0.0197	<0.0188	<0.0200	<0.0192	<0.0200
Methyl tert-butyl ether	2,000	140		<0.00230	<0.00197	<0.00188	<0.00250	<0.00192	<0.00242
Styrene	41,000	430		<0.00920	<0.00790	<0.00751	<0.00999	<0.00769	<0.00970
1,1,2,2-Tetrachloroethane	NC	NC		<0.00230	<0.00197	<0.00188	<0.00250	<0.00192	<0.00242
Tetrachloroethene	2,400	28		<0.00460	<0.00395	<0.00375	<0.00500	<0.00385	<0.00485
Toluene	410,000	42		<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
1,1,1-Trichloroethane	NC	1,200		<0.00230	<0.00197	<0.00188	<0.00250	<0.00192	<0.00242
1,1,2-Trichloroethane	8,200	1,800		<0.00230	<0.00197	<0.00188	<0.00250	<0.00192	<0.00242
Trichloroethene	1,200	12		<0.00230	<0.00197	<0.00188	<0.00250	<0.00192	<0.00242
Vinyl chloride	170	1.1		<0.00460	<0.00395	<0.00375	<0.00500	<0.00385	<0.00485
Xylenes, Total	41,000	5.6		<0.0138	<0.0118	<0.0113	<0.0150	<0.0115	<0.0145

NOTES

1. All results expressed in milligrams per kilogram (mg/kg)
2. NC = No toxicity criteria for this exposure route
3. NA = Not Analyzed

Sample result above TACO Construction Worker Ingestion and/or Inhalation.

TABLE 3a
Soil Analytical Results
VOCs Compared to Construction Worker SROs

	CONSTRUCTION WORKER		Sample	B-5-0506	B-5-1415	B-6-0607	B-6-0910	B-7-0809	B-8-0607
			Date	1/16/2026	1/16/2026	1/15/2026	1/15/2026	1/16/2026	1/16/2026
	Ingestion	*Inhalation*	Depth (ft)	5' - 6'	14' - 15'	6' - 7'	9' - 10'	8' - 9'	6' - 7'
VOCs									
Acetone	NC	100,000		<0.0822	<0.0756	<0.0562	<0.0646	<0.0611	<0.0713
Benzene	2,300	2.2		<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Bromodichloromethane	2,000	3,000		<0.00235	<0.00216	<0.00161	<0.00185	<0.00174	<0.00204
Bromoform	16,000	140		<0.00470	<0.00432	<0.00321	<0.00369	<0.00349	<0.00407
Bromomethane	1,000	3.9		<0.0235	<0.0216	<0.0161	<0.0185	<0.0174	<0.0204
2-Butanone (Methyl Ethyl Ketone)	NC	NC		<0.0329	<0.0302	<0.0225	<0.0258	<0.0244	<0.0285
Carbon disulfide	20,000	9		<0.00470	<0.00432	<0.00321	<0.00369	<0.00349	<0.00407
Carbon tetrachloride	410	0.9		<0.0235	<0.0216	<0.0161	<0.0185	<0.0174	<0.0204
Chlorobenzene	4,100	1.3		<0.00470	<0.00432	<0.00321	<0.00369	<0.00349	<0.00407
Chloroethane	NC	NC		<0.00940	<0.00864	<0.00643	<0.00738	<0.00698	<0.00815
Chloroform	2,000	0.76		<0.00470	<0.00432	<0.00321	<0.00369	<0.00349	<0.00407
Chloromethane	NC	NC		<0.00940	<0.00864	<0.00643	<0.00738	<0.00698	<0.00815
Dibromochloromethane	41,000	1,300		<0.00235	<0.00216	<0.00161	<0.00185	<0.00174	<0.00204
1,1-Dichloroethane	200,000	130		<0.00470	<0.00432	<0.00321	<0.00369	<0.00349	<0.00407
1,2-Dichloroethane	1,400	0.99		<0.00235	<0.00216	<0.00161	<0.00185	<0.00174	<0.00204
1,1-Dichloroethene	10,000	3		<0.00235	<0.00216	<0.00161	<0.00185	<0.00174	<0.00204
cis-1,2-Dichloroethene	20,000	1,200		<0.00470	<0.00432	<0.00321	<0.00369	<0.00349	<0.00407
trans-1,2-Dichloroethene	41,000	3,100		<0.00470	<0.00432	<0.00321	<0.00369	<0.00349	<0.00407
1,2-Dichloropropane	1,800	0.5		<0.00235	<0.00216	<0.00161	<0.00185	<0.00174	<0.00204
cis-1,3-Dichloropropene	1,200	0.39		<0.00400	<0.00400	<0.00321	<0.00369	<0.00349	<0.00400
trans-1,3-Dichloropropene	1,200	0.39		<0.00400	<0.00400	<0.00321	<0.00369	<0.00349	<0.00400
Ethylbenzene	20,000	58		<0.00940	<0.00864	<0.00643	<0.00738	<0.00698	<0.00815
2-Hexanone	NC	NC		<0.0329	<0.0302	<0.0225	<0.0258	<0.0244	<0.0285
4-Methyl-2-pentanone	NC	NC		<0.0329	<0.0302	<0.0225	<0.0258	<0.0244	<0.0285
Methylene chloride	12,000	34		<0.0200	<0.0200	<0.0161	<0.0185	<0.0174	<0.0200
Methyl tert-butyl ether	2,000	140		<0.00235	<0.00216	<0.00161	<0.00185	<0.00174	<0.00204
Styrene	41,000	430		<0.00940	<0.00864	<0.00643	<0.00738	<0.00698	<0.00815
1,1,2,2-Tetrachloroethane	NC	NC		<0.00235	<0.00216	<0.00161	<0.00185	<0.00174	<0.00204
Tetrachloroethene	2,400	28		<0.00470	<0.00432	<0.00321	<0.00369	<0.00349	<0.00407
Toluene	410,000	42		<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
1,1,1-Trichloroethane	NC	1,200		<0.00235	<0.00216	<0.00161	<0.00185	<0.00174	<0.00204
1,1,2-Trichloroethane	8,200	1,800		<0.00235	<0.00216	<0.00161	<0.00185	<0.00174	<0.00204
Trichloroethene	1,200	12		<0.00235	<0.00216	<0.00161	<0.00185	<0.00174	<0.00204
Vinyl chloride	170	1.1		<0.00470	<0.00432	<0.00321	<0.00369	<0.00349	<0.00407
Xylenes, Total	41,000	5.6		<0.0141	<0.0130	<0.00964	<0.0111	<0.0105	<0.0122

NOTES

1. All results expressed in milligrams per kilogram (mg/kg)
2. NC = No toxicity criteria for this exposure route
3. NA = Not Analyzed

Sample result above TACO Construction Worker Ingestion and/or Inhalation.

TABLE 3a
Soil Analytical Results
VOCs Compared to Construction Worker SROs

	CONSTRUCTION WORKER		Sample	B-5-0506	B-9-0809	B-10-0607	B-10-1112
			Date	1/16/2026	1/15/2026	1/15/2026	1/15/2026
	Ingestion	*Inhalation*	Depth (ft)	11' - 12'	8' - 9'	6' - 7'	11' - 12'
VOCs							
Acetone	NC	100,000		<0.0607	<0.0632	<0.0611	<0.0610
Benzene	2,300	2.2		<0.00500	<0.00500	<0.00500	<0.00500
Bromodichloromethane	2,000	3,000		<0.00174	<0.00181	<0.00175	<0.00174
Bromoform	16,000	140		<0.00347	<0.00361	<0.00349	<0.00348
Bromomethane	1,000	3.9		<0.0174	<0.0181	<0.0175	<0.0174
2-Butanone (Methyl Ethyl Ketone)	NC	NC		<0.0243	<0.0253	<0.0245	<0.0244
Carbon disulfide	20,000	9		<0.00347	<0.00361	<0.00349	<0.00348
Carbon tetrachloride	410	0.9		<0.0174	<0.0181	<0.0175	<0.0174
Chlorobenzene	4,100	1.3		<0.00347	<0.00361	<0.00349	<0.00348
Chloroethane	NC	NC		<0.00694	<0.00722	<0.00699	<0.00697
Chloroform	2,000	0.76		<0.00347	<0.00361	<0.00349	<0.00348
Chloromethane	NC	NC		<0.00694	<0.00722	<0.00699	<0.00697
Dibromochloromethane	41,000	1,300		<0.00174	<0.00181	<0.00175	<0.00174
1,1-Dichloroethane	200,000	130		<0.00347	<0.00361	<0.00349	<0.00348
1,2-Dichloroethane	1,400	0.99		<0.00174	<0.00181	<0.00175	<0.00174
1,1-Dichloroethene	10,000	3		<0.00174	<0.00181	<0.00175	<0.00174
cis-1,2-Dichloroethene	20,000	1,200		<0.00347	<0.00361	<0.00349	<0.00348
trans-1,2-Dichloroethene	41,000	3,100		<0.00347	<0.00361	<0.00349	<0.00348
1,2-Dichloropropane	1,800	0.5		<0.00174	<0.00181	<0.00175	<0.00174
cis-1,3-Dichloropropene	1,200	0.39		<0.00347	<0.00361	<0.00349	<0.00348
trans-1,3-Dichloropropene	1,200	0.39		<0.00347	<0.00361	<0.00349	<0.00348
Ethylbenzene	20,000	58		<0.00694	<0.00722	<0.00699	<0.00697
2-Hexanone	NC	NC		<0.0243	<0.0253	<0.0245	<0.0244
4-Methyl-2-pentanone	NC	NC		<0.0243	<0.0253	<0.0245	<0.0244
Methylene chloride	12,000	34		<0.0174	<0.0181	<0.0175	<0.0174
Methyl tert-butyl ether	2,000	140		<0.00174	<0.00181	<0.00175	<0.00174
Styrene	41,000	430		<0.00694	<0.00722	<0.00699	<0.00697
1,1,2,2-Tetrachloroethane	NC	NC		<0.00174	<0.00181	<0.00175	<0.00174
Tetrachloroethene	2,400	28		<0.00347	<0.00361	<0.00349	<0.00348
Toluene	410,000	42		<0.00500	<0.00500	<0.00500	<0.00500
1,1,1-Trichloroethane	NC	1,200		<0.00174	<0.00181	<0.00175	<0.00174
1,1,2-Trichloroethane	8,200	1,800		<0.00174	<0.00181	<0.00175	<0.00174
Trichloroethene	1,200	12		<0.00174	<0.00181	<0.00175	<0.00174
Vinyl chloride	170	1.1		<0.00347	<0.00361	<0.00349	<0.00348
Xylenes, Total	41,000	5.6		<0.0104	<0.0108	<0.0105	<0.0104

NOTES

1. All results expressed in milligrams per kilogram (mg/kg)
2. NC = No toxicity criteria for this exposure route
3. NA = Not Analyzed

Sample result above TACO Construction Worker Ingestion and/or Inhalation.

TABLE 3b
Soil Analytical Results
SVOCs Compared to Construction Worker SROs

	CONSTRUCTION WORKER		Sample	B-1-0506	B-1-1213	B-2-1314	B-3-0304
			Date	1/15/2026	1/15/2026	1/15/2026	1/14/2026
	Ingestion	*Inhalation*	Depth (ft)	5' - 6'	12' - 13'	13' - 14'	3' - 4'
SVOCs							
Aniline	NC	NC		<0.180	<0.185	<0.632	<0.717
Benzidine	NC	NC		<3.00	<3.08	<10.5	<11.9
Benzoic acid	820,000	NC		<1.44	<1.48	<5.06	<5.74
Benzyl alcohol	NC	NC		<0.0270	<0.0277	<0.0948	<0.108
Bis(2-chloroethoxy)methane	NC	NC		<0.0180	<0.0185	<0.0632	<0.0717
Bis(2-chloroethyl)ether	75	0.66		<0.00900	<0.00924	<0.0316	<0.0359
Bis(2-ethylhexyl)phthalate	4,100	31,000		<0.180	<0.185	<0.632	<0.717
4-Bromophenyl phenyl ether	NC	NC		<0.0270	<0.0277	<0.0948	<0.108
Butyl benzyl phthalate	410,000	930		<0.0540	<0.0554	<0.190	<0.215
Carbazole	6,200	NC		0.0354	<0.0185	0.0685	<0.0717
4-Chloroaniline	820	NC		<0.0270	<0.0277	<0.0948	<0.108
4-Chloro-3-methylphenol	NC	NC		<0.0180	<0.0185	<0.0632	<0.0717
2-Chloronaphthalene	NC	NC		<0.0180	<0.0185	<0.0632	<0.0717
2-Chlorophenol	10,000	53,000		<0.0180	<0.0185	<0.0632	<0.0717
4-Chlorophenyl phenyl ether	NC	NC		<0.0270	<0.0277	<0.0948	<0.108
Dibenzofuran	NC	NC		<0.720	<0.739	<2.53	<2.87
1,2-Dichlorobenzene	18,000	310		0.0321	<0.0277	<0.0948	<0.108
1,3-Dichlorobenzene	NC	NC		<0.0270	<0.0277	<0.0948	<0.108
1,4-Dichlorobenzene	NC	340		<0.0270	<0.0277	<0.0948	<0.108
3,3´-Dichlorobenzidine	280	NC		<0.0270	<0.0277	<0.0948	<0.108
2,4-Dichlorophenol	610	NC		<0.108	<0.111	<0.379	<0.430
Diethyl phthalate	1,000,000	2,000		<0.0180	<0.0185	<0.0632	<0.0717
2,4-Dimethylphenol	41,000	NC		<0.180	<0.185	<0.632	<0.717
Dimethyl phthalate	NC	NC		<0.0180	<0.0185	<0.0632	<0.0717
4,6-Dinitro-2-methylphenol	NC	NC		<0.0540	<0.0554	<0.190	<0.215
2,4-Dinitrophenol	410	NC		<0.0540	<0.0554	<0.190	<0.215
2,4-Dinitrotoluene	180	NC		<0.720	<0.739	<2.53	<2.87
2,6-Dinitrotoluene	180	NC		<0.180	<0.185	<0.632	<0.717
Di-n-butyl phthalate	200,000	2,300		<0.0270	<0.0277	<0.0948	<0.108
Di-n-octyl phthalate	4,100	10,000		<0.0180	<0.0185	<0.0632	<0.0717
Hexachlorobenzene	78	2.6		<0.0270	<0.0277	<0.0948	<0.108
Hexachlorobutadiene	NC	NC		<0.0180	<0.0185	<0.0632	<0.0717
Hexachlorocyclopentadiene	14,000	1.1		<0.0360	<0.0370	<0.126	<0.143
Hexachloroethane	2,000	NC		<0.720	<0.739	<2.53	<2.87
Isophorone	410,000	4,600		<0.0360	<0.0370	<0.126	<0.143
2-Methylnaphthalene	NC	NC		<0.0270	<0.0277	<0.0948	<0.108
2-Methylphenol	100,000	NC		0.03	<0.0277	<0.0948	<0.108
4-Methylphenol	NC	NC		<0.00900	<0.00924	<0.0316	<0.0359
2-Nitroaniline	NC	NC		<0.0360	<0.0370	<0.126	<0.143
3-Nitroaniline	NC	NC		<0.0270	<0.0277	<0.0948	<0.108
4-Nitroaniline	NC	NC		<0.0270	<0.0277	<0.0948	<0.108
2-Nitrophenol	NC	NC		<0.0360	<0.0370	<0.126	<0.143
4-Nitrophenol	NC	NC		<0.0360	<0.0370	<0.126	<0.100
Nitrobenzene	1,000	9.4		<0.0270	<0.0277	<0.0948	<0.108
N-Nitrosodi-n-propylamine	18	NC		<0.720	<0.739	<2.53	<2.87
N-Nitrosodimethylamine	NC	NC		<0.0360	<0.0370	<0.126	<0.143
N-Nitrosodiphenylamine	25,000	NC		<0.00844	<0.00867	<0.0296	<0.0336
2, 2'-oxybis(1-Chloropropane)	NC	NC		<0.0270	<0.0277	<0.0948	<0.108
Pentachlorophenol	520	NC		<0.0250	<0.0257	<0.0879	<0.0997
Phenol	61,000	NC		<0.0360	<0.0370	<0.126	<0.143
Pyridine	NC	NC		<0.720	<0.739	<2.53	<2.87
1,2,4-Trichlorobenzene	2,000	920		<0.0270	<0.0277	<0.0948	<0.108
2,4,5-Trichlorophenol	200,000	NC		<0.0180	<0.0185	<0.0632	<0.0717
2,4,6-Trichlorophenol	11,000	540		<0.0180	<0.0185	<0.0632	<0.0717

NOTES

1. All results expressed in milligrams per kilogram (mg/kg)
2. NC = No toxicity criteria for this exposure route
3. NA = Not Analyzed

Sample result above TACO Construction Worker Ingestion and/or Inhalation.

TABLE 3b
Soil Analytical Results
SVOCs Compared to Construction Worker SROs

	CONSTRUCTION WORKER		Sample	B-3-1112	B-4-0607	B-5-0506	B-5-1415
			Date	1/14/2026	1/15/2026	1/16/2026	1/16/2026
	Ingestion	*Inhalation*	Depth (ft)	11' - 12'	6' - 7'	5' - 6'	14' - 15'
SVOCs							
Aniline	NC	NC		<0.186	<0.742	<0.790	<0.188
Benzidine	NC	NC		<3.10	<12.4	<13.2	<3.13
Benzoic acid	820,000	NC		<1.49	<5.94	<6.32	<1.50
Benzyl alcohol	NC	NC		<0.0279	<0.111	<0.119	<0.0282
Bis(2-chloroethoxy)methane	NC	NC		<0.0186	<0.0742	<0.0790	<0.0188
Bis(2-chloroethyl)ether	75	0.66		<0.00931	<0.0371	<0.0395	<0.00939
Bis(2-ethylhexyl)phthalate	4,100	31,000		<0.186	<0.742	<0.790	<0.188
4-Bromophenyl phenyl ether	NC	NC		<0.0279	<0.111	<0.119	<0.0282
Butyl benzyl phthalate	410,000	930		<0.0558	<0.223	<0.237	<0.0563
Carbazole	6,200	NC		<0.0186	<0.0742	0.304	0.0788
4-Chloroaniline	820	NC		<0.0279	<0.111	<0.119	<0.0282
4-Chloro-3-methylphenol	NC	NC		<0.0186	<0.0742	<0.0790	<0.0188
2-Chloronaphthalene	NC	NC		<0.0186	<0.0742	<0.0790	<0.0188
2-Chlorophenol	10,000	53,000		<0.0186	<0.0742	<0.0790	<0.0188
4-Chlorophenyl phenyl ether	NC	NC		<0.0279	<0.111	<0.119	<0.0282
Dibenzofuran	NC	NC		<0.744	<2.97	<3.16	<0.751
1,2-Dichlorobenzene	18,000	310		<0.0279	<0.111	0.292	0.0566
1,3-Dichlorobenzene	NC	NC		<0.0279	<0.111	<0.119	<0.0282
1,4-Dichlorobenzene	NC	340		<0.0279	<0.111	<0.119	<0.0282
3,3´-Dichlorobenzidine	280	NC		<0.0279	<0.111	<0.119	<0.0282
2,4-Dichlorophenol	610	NC		<0.112	<0.445	<0.474	<0.113
Diethyl phthalate	1,000,000	2,000		<0.0186	<0.0742	<0.0790	<0.0188
2,4-Dimethylphenol	41,000	NC		<0.186	<0.742	<0.790	<0.188
Dimethyl phthalate	NC	NC		<0.0186	<0.0742	<0.0790	<0.0188
4,6-Dinitro-2-methylphenol	NC	NC		<0.0558	<0.223	<0.237	<0.0563
2,4-Dinitrophenol	410	NC		<0.0558	<0.223	<0.237	<0.0563
2,4-Dinitrotoluene	180	NC		<0.744	<2.97	<3.16	<0.751
2,6-Dinitrotoluene	180	NC		<0.186	<0.742	<0.790	<0.188
Di-n-butyl phthalate	200,000	2,300		<0.0279	<0.111	<0.119	<0.0282
Di-n-octyl phthalate	4,100	10,000		<0.0186	<0.0742	<0.0790	<0.0188
Hexachlorobenzene	78	2.6		<0.0279	<0.111	<0.119	<0.0282
Hexachlorobutadiene	NC	NC		<0.0186	<0.0742	<0.0790	<0.0188
Hexachlorocyclopentadiene	14,000	1.1		<0.0372	<0.148	<0.158	<0.0375
Hexachloroethane	2,000	NC		<0.744	<2.97	<3.16	<0.751
Isophorone	410,000	4,600		<0.0372	<0.148	<0.158	<0.0375
2-Methylnaphthalene	NC	NC		<0.0279	<0.111	<0.119	<0.0282
2-Methylphenol	100,000	NC		0.0416	<0.111	0.163	0.0513
4-Methylphenol	NC	NC		<0.00931	<0.0371	<0.0395	<0.00939
2-Nitroaniline	NC	NC		<0.0372	<0.148	<0.158	<0.0375
3-Nitroaniline	NC	NC		<0.0279	<0.111	<0.119	<0.0282
4-Nitroaniline	NC	NC		<0.0279	<0.111	<0.119	<0.0282
2-Nitrophenol	NC	NC		<0.0372	<0.148	<0.158	<0.0375
4-Nitrophenol	NC	NC		<0.0372	<0.148	<0.158	<0.0375
Nitrobenzene	1,000	9.4		<0.0279	<0.111	<0.119	<0.0282
N-Nitrosodi-n-propylamine	18	NC		<0.744	<2.97	<3.16	<0.751
N-Nitrosodimethylamine	NC	NC		<0.0372	<0.148	<0.158	<0.0375
N-Nitrosodiphenylamine	25,000	NC		<0.00873	<0.0348	<0.0371	<0.00880
2, 2'-oxybis(1-Chloropropane)	NC	NC		<0.0279	<0.111	<0.119	<0.0282
Pentachlorophenol	520	NC		<0.0259	<0.103	<0.110	<0.0261
Phenol	61,000	NC		<0.0372	<0.148	<0.158	<0.0375
Pyridine	NC	NC		<0.744	<2.97	<3.16	<0.751
1,2,4-Trichlorobenzene	2,000	920		<0.0279	<0.111	<0.119	<0.0282
2,4,5-Trichlorophenol	200,000	NC		<0.0186	<0.0742	<0.0790	<0.0188
2,4,6-Trichlorophenol	11,000	540		<0.0186	<0.0742	<0.0790	<0.0188

NOTES

1. All results expressed in milligrams per kilogram (mg/kg)
2. NC = No toxicity criteria for this exposure route
3. NA = Not Analyzed

Sample result above TACO Construction Worker Ingestion and/or Inhalation.

TABLE 3b
Soil Analytical Results
SVOCs Compared to Construction Worker SROs

	CONSTRUCTION WORKER		Sample	B-6-0607	B-6-0910	B-7-0809	B-8-0607
			Date	1/15/2026	1/15/2026	1/16/2026	1/16/2026
	Ingestion	*Inhalation*	Depth (ft)	6' - 7'	9' - 10'	8' - 9'	6' - 7'
SVOCs							
Aniline	NC	NC		<0.157	<0.177	<0.727	<0.748
Benzidine	NC	NC		<2.61	<2.95	<12.1	<12.4
Benzoic acid	820,000	NC		<1.25	<1.42	<5.81	<5.98
Benzyl alcohol	NC	NC		<0.0235	<0.0266	<0.109	<0.112
Bis(2-chloroethoxy)methane	NC	NC		<0.0157	<0.0177	<0.0727	<0.0748
Bis(2-chloroethyl)ether	75	0.66		<0.00784	<0.00886	<0.0363	<0.0374
Bis(2-ethylhexyl)phthalate	4,100	31,000		<0.157	<0.177	<0.727	<0.748
4-Bromophenyl phenyl ether	NC	NC		<0.0235	<0.0266	<0.109	<0.112
Butyl benzyl phthalate	410,000	930		<0.0470	<0.0532	<0.218	<0.224
Carbazole	6,200	NC		<0.0157	<0.0177	0.363	0.14
4-Chloroaniline	820	NC		<0.0235	<0.0266	<0.109	<0.112
4-Chloro-3-methylphenol	NC	NC		<0.0157	<0.0177	<0.0727	<0.0748
2-Chloronaphthalene	NC	NC		<0.0157	<0.0177	<0.0727	<0.0748
2-Chlorophenol	10,000	53,000		<0.0157	<0.0177	<0.0727	<0.0748
4-Chlorophenyl phenyl ether	NC	NC		<0.0235	<0.0266	<0.109	<0.112
Dibenzofuran	NC	NC		<0.627	<0.709	<2.91	<2.99
1,2-Dichlorobenzene	18,000	310		<0.0235	<0.0266	0.23	0.133
1,3-Dichlorobenzene	NC	NC		<0.0235	<0.0266	<0.109	<0.112
1,4-Dichlorobenzene	NC	340		<0.0235	<0.0266	<0.109	<0.112
3,3´-Dichlorobenzidine	280	NC		<0.0235	<0.0266	<0.109	<0.112
2,4-Dichlorophenol	610	NC		<0.0940	<0.106	<0.436	<0.449
Diethyl phthalate	1,000,000	2,000		<0.0157	<0.0177	<0.0727	<0.0748
2,4-Dimethylphenol	41,000	NC		<0.157	<0.177	<0.727	<0.748
Dimethyl phthalate	NC	NC		<0.0157	<0.0177	<0.0727	<0.0748
4,6-Dinitro-2-methylphenol	NC	NC		<0.0470	<0.0532	<0.218	<0.224
2,4-Dinitrophenol	410	NC		<0.0470	<0.0532	<0.218	<0.224
2,4-Dinitrotoluene	180	NC		<0.627	<0.709	<2.91	<2.99
2,6-Dinitrotoluene	180	NC		<0.157	<0.177	<0.727	<0.748
Di-n-butyl phthalate	200,000	2,300		<0.0235	<0.0266	<0.109	<0.112
Di-n-octyl phthalate	4,100	10,000		<0.0157	<0.0177	<0.0727	<0.0748
Hexachlorobenzene	78	2.6		<0.0235	<0.0266	<0.109	<0.112
Hexachlorobutadiene	NC	NC		<0.0157	<0.0177	<0.0727	<0.0748
Hexachlorocyclopentadiene	14,000	1.1		<0.0313	<0.0355	<0.145	<0.150
Hexachloroethane	2,000	NC		<0.627	<0.709	<2.91	<2.99
Isophorone	410,000	4,600		<0.0313	<0.0355	<0.145	<0.150
2-Methylnaphthalene	NC	NC		<0.0235	<0.0266	<0.109	<0.112
2-Methylphenol	100,000	NC		<0.0235	<0.0266	0.127	<0.112
4-Methylphenol	NC	NC		<0.00784	<0.00886	<0.0363	<0.0374
2-Nitroaniline	NC	NC		<0.0313	<0.0355	<0.145	<0.150
3-Nitroaniline	NC	NC		<0.0235	<0.0266	<0.109	<0.112
4-Nitroaniline	NC	NC		<0.0235	<0.0266	<0.109	<0.112
2-Nitrophenol	NC	NC		<0.0313	<0.0355	<0.145	<0.150
4-Nitrophenol	NC	NC		<0.0313	<0.0355	<0.145	<0.150
Nitrobenzene	1,000	9.4		<0.0235	<0.0266	<0.109	<0.112
N-Nitrosodi-n-propylamine	18	NC		<0.627	<0.709	<2.91	<2.99
N-Nitrosodimethylamine	NC	NC		<0.0313	<0.0355	<0.145	<0.150
N-Nitrosodiphenylamine	25,000	NC		<0.00735	<0.00831	<0.0341	<0.0351
2, 2'-oxybis(1-Chloropropane)	NC	NC		<0.0235	<0.0266	<0.109	<0.112
Pentachlorophenol	520	NC		<0.0218	<0.0246	<0.101	<0.104
Phenol	61,000	NC		<0.0313	<0.0355	<0.145	<0.150
Pyridine	NC	NC		<0.627	<0.709	<2.91	<2.99
1,2,4-Trichlorobenzene	2,000	920		<0.0235	<0.0266	<0.109	<0.112
2,4,5-Trichlorophenol	200,000	NC		<0.0157	<0.0177	<0.0727	<0.0748
2,4,6-Trichlorophenol	11,000	540		<0.0157	<0.0177	<0.0727	<0.0748

NOTES

1. All results expressed in milligrams per kilogram (mg/kg)
2. NC = No toxicity criteria for this exposure route
3. NA = Not Analyzed

Sample result above TACO Construction Worker Ingestion and/or Inhalation.

TABLE 3b
Soil Analytical Results
SVOCs Compared to Construction Worker SROs

	CONSTRUCTION WORKER		Sample	B-5-0506	B-9-0809	B-10-0607	B-10-1112
			Date	1/16/2026	1/15/2026	1/15/2026	1/15/2026
	Ingestion	*Inhalation*	Depth (ft)	11' - 12'	8' - 9'	6' - 7'	11' - 12'
SVOCs							
Aniline	NC	NC		<0.177	<0.178	<0.175	<0.182
Benzidine	NC	NC		<2.95	<2.97	<2.91	<3.03
Benzoic acid	820,000	NC		<1.42	<1.42	<1.40	<1.45
Benzyl alcohol	NC	NC		<0.0266	<0.0267	<0.0263	<0.0273
Bis(2-chloroethoxy)methane	NC	NC		<0.0177	<0.0178	<0.0175	<0.0182
Bis(2-chloroethyl)ether	75	0.66		<0.00885	<0.00891	<0.00875	<0.00909
Bis(2-ethylhexyl)phthalate	4,100	31,000		<0.177	<0.178	<0.175	<0.182
4-Bromophenyl phenyl ether	NC	NC		<0.0266	<0.0267	<0.0263	<0.0273
Butyl benzyl phthalate	410,000	930		<0.0531	<0.0534	<0.0525	<0.0545
Carbazole	6,200	NC		0.0201	<0.0178	<0.0175	<0.0182
4-Chloroaniline	820	NC		<0.0266	<0.0267	<0.0263	<0.0273
4-Chloro-3-methylphenol	NC	NC		<0.0177	<0.0178	<0.0175	<0.0182
2-Chloronaphthalene	NC	NC		<0.0177	<0.0178	<0.0175	<0.0182
2-Chlorophenol	10,000	53,000		<0.0177	<0.0178	<0.0175	<0.0182
4-Chlorophenyl phenyl ether	NC	NC		<0.0266	<0.0267	<0.0263	<0.0273
Dibenzofuran	NC	NC		<0.708	<0.712	<0.700	<0.727
1,2-Dichlorobenzene	18,000	310		<0.0266	<0.0267	<0.0263	<0.0273
1,3-Dichlorobenzene	NC	NC		<0.0266	<0.0267	<0.0263	<0.0273
1,4-Dichlorobenzene	NC	340		<0.0266	<0.0267	<0.0263	<0.0273
3,3´-Dichlorobenzidine	280	NC		<0.0266	<0.0267	<0.0263	<0.0273
2,4-Dichlorophenol	610	NC		<0.106	<0.107	<0.105	<0.109
Diethyl phthalate	1,000,000	2,000		<0.0177	<0.0178	<0.0175	<0.0182
2,4-Dimethylphenol	41,000	NC		<0.177	<0.178	<0.175	<0.182
Dimethyl phthalate	NC	NC		<0.0177	<0.0178	<0.0175	<0.0182
4,6-Dinitro-2-methylphenol	NC	NC		<0.0531	<0.0534	<0.0525	<0.0545
2,4-Dinitrophenol	410	NC		<0.0531	<0.0534	<0.0525	<0.0545
2,4-Dinitrotoluene	180	NC		<0.708	<0.712	<0.700	<0.727
2,6-Dinitrotoluene	180	NC		<0.177	<0.178	<0.175	<0.182
Di-n-butyl phthalate	200,000	2,300		<0.0266	<0.0267	<0.0263	<0.0273
Di-n-octyl phthalate	4,100	10,000		<0.0177	<0.0178	<0.0175	<0.0182
Hexachlorobenzene	78	2.6		<0.0266	<0.0267	<0.0263	<0.0273
Hexachlorobutadiene	NC	NC		<0.0177	<0.0178	<0.0175	<0.0182
Hexachlorocyclopentadiene	14,000	1.1		<0.0354	<0.0356	<0.0350	<0.0363
Hexachloroethane	2,000	NC		<0.708	<0.712	<0.700	<0.727
Isophorone	410,000	4,600		<0.0354	<0.0356	<0.0350	<0.0363
2-Methylnaphthalene	NC	NC		<0.0266	<0.0267	<0.0263	<0.0273
2-Methylphenol	100,000	NC		<0.0266	<0.0267	<0.0263	<0.0273
4-Methylphenol	NC	NC		<0.00885	<0.00891	<0.00875	<0.00909
2-Nitroaniline	NC	NC		<0.0354	<0.0356	<0.0350	<0.0363
3-Nitroaniline	NC	NC		<0.0266	<0.0267	<0.0263	<0.0273
4-Nitroaniline	NC	NC		<0.0266	<0.0267	<0.0263	<0.0273
2-Nitrophenol	NC	NC		<0.0354	<0.0356	<0.0350	<0.0363
4-Nitrophenol	NC	NC		<0.0354	<0.0356	<0.0350	<0.0363
Nitrobenzene	1,000	9.4		<0.0266	<0.0267	<0.0263	<0.0273
N-Nitrosodi-n-propylamine	18	NC		<0.708	<0.712	<0.700	<0.727
N-Nitrosodimethylamine	NC	NC		<0.0354	<0.0356	<0.0350	<0.0363
N-Nitrosodiphenylamine	25,000	NC		<0.00830	<0.00835	<0.00821	<0.00852
2, 2'-oxybis(1-Chloropropane)	NC	NC		<0.0266	<0.0267	<0.0263	<0.0273
Pentachlorophenol	520	NC		<0.0246	<0.0248	<0.0243	<0.0253
Phenol	61,000	NC		<0.0354	<0.0356	<0.0350	<0.0363
Pyridine	NC	NC		<0.708	<0.712	<0.700	<0.727
1,2,4-Trichlorobenzene	2,000	920		<0.0266	<0.0267	<0.0263	<0.0273
2,4,5-Trichlorophenol	200,000	NC		<0.0177	<0.0178	<0.0175	<0.0182
2,4,6-Trichlorophenol	11,000	540		<0.0177	<0.0178	<0.0175	<0.0182

NOTES

1. All results expressed in milligrams per kilogram (mg/kg)
2. NC = No toxicity criteria for this exposure route
3. NA = Not Analyzed

Sample result above TACO Construction Worker Ingestion and/or Inhalation.

TABLE 3c
Soil Analytical Results
PNAs Compared to Construction Worker SROs

	CONSTRUCTION WORKER		Sample	B-1-0506	B-1-1213	B-2-1314	B-3-0304	B-3-1112	B-4-0607	B-5-0506
			Date	1/15/2026	1/15/2026	1/15/2026	1/14/2026	1/14/2026	1/15/2026	1/16/2026
	Ingestion	*Inhalation*	**Depth (ft)**	5' - 6'	12' - 13'	13' - 14'	3' - 4'	11' - 12'	6' - 7'	5' - 6'
PNAs										
Acenaphthene	120,000	NC		0.0285	<0.0185	<0.0632	<0.0717	<0.0186	<0.0742	0.353
Acenaphthylene	NC	NC		0.0663	0.037	0.0874	<0.0717	<0.0186	<0.0742	0.856
Anthracene	610,000	NC		0.154	0.0422	0.216	0.236	<0.0279	<0.111	1.64
Benzo(a)anthracene	170	NC		0.466	0.141	1.2	0.595	<0.0279	<0.111	5.56
Benzo(a)pyrene	17	NC		0.488	0.2	1.43	0.617	<0.0744	0.116	5.57
Benzo(b)fluoranthene	170	NC		0.54	0.218	1.93	0.78	<0.0279	0.113	6.72
Benzo(g,h,i)perylene	NC	NC		0.274	0.14	1.13	0.389	<0.0372	<0.148	3.32
Benzo(k)fluoranthene	1,700	NC		0.184	0.0881	0.563	0.248	<0.0372	<0.148	2.03
Chrysene	17,000	NC		0.468	0.139	1.35	0.619	0.0273	0.121	5.37
Dibenzo(a,h)anthracene	17	NC		0.0729	0.0388	0.252	<0.0900	<0.0279	<0.0900	0.855
Fluoranthene	82,000	NC		0.898	0.226	2.1	1.31	<0.0279	0.313	9.78
Fluorene	82,000	NC		0.0636	<0.0185	<0.0632	0.0801	<0.0186	<0.0742	0.529
Indeno(1,2,3-cd)pyrene	170	NC		0.278	0.148	1.06	0.42	<0.0279	<0.111	3.59
Naphthalene	4,100	1.8		0.0273	<0.0277	<0.0948	<0.108	<0.0279	<0.111	0.171
Phenanthrene	NC	NC		0.786	0.135	0.82	0.79	0.0723	0.184	5.36
Pyrene	61,000	NC		1.1	0.249	2.36	1.29	0.0329	0.266	13.7

NOTES

1. All results expressed in milligrams per kilogram (mg/kg)
2. NC = No toxicity criteria for this exposure route
3. NA = Not Analyzed

Sample result above TACO Construction Worker Ingestion and/or Inhalation.

TABLE 3c
Soil Analytical Results
PNAs Compared to Construction Worker SROs

	CONSTRUCTION WORKER		Sample	B-5-1415	B-6-0607	B-6-0910	B-7-0809	B-8-0607	B-5-0506	B-9-0809
			Date	1/16/2026	1/15/2026	1/15/2026	1/16/2026	1/16/2026	1/16/2026	1/15/2026
	Ingestion	*Inhalation*	Depth (ft)	14' - 15'	6' - 7'	9' - 10'	8' - 9'	6' - 7'	11' - 12'	8' - 9'
PNAs										
Acenaphthene	120,000	NC		0.0879	<0.0157	<0.0177	0.315	0.207	0.0189	<0.0178
Acenaphthylene	NC	NC		<0.0188	<0.0157	<0.0177	<0.0727	0.138	<0.0177	<0.0178
Anthracene	610,000	NC		0.239	<0.0235	<0.0266	0.838	0.608	0.0593	<0.0267
Benzo(a)anthracene	170	NC		0.278	<0.0235	<0.0266	2.35	1.59	0.147	<0.0267
Benzo(a)pyrene	17	NC		0.221	<0.0627	<0.0709	2.31	1.49	0.118	<0.0712
Benzo(b)fluoranthene	170	NC		0.239	<0.0235	<0.0266	3.25	1.93	0.156	0.0318
Benzo(g,h,i)perylene	NC	NC		0.134	<0.0313	<0.0355	1.48	0.897	0.0714	<0.0356
Benzo(k)fluoranthene	1,700	NC		0.0845	<0.0313	<0.0355	1.01	0.698	0.0505	<0.0356
Chrysene	17,000	NC		0.267	<0.0157	<0.0177	2.63	1.64	0.153	0.0255
Dibenzo(a,h)anthracene	17	NC		<0.0282	<0.0235	<0.0266	0.395	0.244	<0.0266	<0.0267
Fluoranthene	82,000	NC		0.626	<0.0235	<0.0266	5.45	3.64	0.295	0.0407
Fluorene	82,000	NC		0.0926	<0.0157	<0.0177	0.463	0.348	0.0295	<0.0178
Indeno(1,2,3-cd)pyrene	170	NC		0.112	<0.0235	<0.0266	1.59	0.992	0.0702	<0.0267
Naphthalene	4,100	1.8		0.0325	<0.0235	<0.0266	0.245	<0.112	<0.0266	<0.0267
Phenanthrene	NC	NC		0.826	<0.0235	<0.0266	3.47	1.57	0.24	<0.0267
Pyrene	61,000	NC		0.657	<0.0235	<0.0266	5.21	3.48	0.264	0.0407

NOTES

1. All results expressed in milligrams per kilogram (mg/kg)
2. NC = No toxicity criteria for this exposure route
3. NA = Not Analyzed

Sample result above TACO Construction Worker Ingestion and/or Inhalation.

TABLE 3c
Soil Analytical Results
PNAs Compared to Construction Worker SROs

	CONSTRUCTION WORKER		Sample	B-10-0607	B-10-1112
			Date	1/15/2026	1/15/2026
	Ingestion	*Inhalation*	Depth (ft)	6' - 7'	11' - 12'
PNAs					
Acenaphthene	120,000	NC		<0.0175	<0.0182
Acenaphthylene	NC	NC		<0.0175	<0.0182
Anthracene	610,000	NC		<0.0263	<0.0273
Benzo(a)anthracene	170	NC		<0.0263	<0.0273
Benzo(a)pyrene	17	NC		<0.0700	<0.0727
Benzo(b)fluoranthene	170	NC		<0.0263	<0.0273
Benzo(g,h,i)perylene	NC	NC		<0.0350	<0.0363
Benzo(k)fluoranthene	1,700	NC		<0.0350	<0.0363
Chrysene	17,000	NC		<0.0175	<0.0182
Dibenzo(a,h)anthracene	17	NC		<0.0263	<0.0273
Fluoranthene	82,000	NC		<0.0263	<0.0273
Fluorene	82,000	NC		<0.0175	<0.0182
Indeno(1,2,3-cd)pyrene	170	NC		<0.0263	<0.0273
Naphthalene	4,100	1.8		<0.0263	<0.0273
Phenanthrene	NC	NC		<0.0263	<0.0273
Pyrene	61,000	NC		<0.0263	<0.0273

NOTES

1. All results expressed in milligrams per kilogram (mg/kg)
2. NC = No toxicity criteria for this exposure route
3. NA = Not Analyzed

Sample result above TACO Construction Worker Ingestion and/or Inhalation.

TABLE 3d
Soil Analytical Results
Inorganics and pH Compared to Construction Worker SROs

	CONSTRUCTION WORKER		Sample	B-1-0506	B-1-1213	B-2-1314	B-3-0304	B-3-1112
			Date	1/15/2026	1/15/2026	1/15/2026	1/14/2026	1/14/2026
	Ingestion	*Inhalation*	Depth (ft)	5' - 6'	12' - 13'	13' - 14'	3' - 4'	11' - 12'
Inorganics								
Aluminum	NC	NC		9160	5000	786	6360	7280
Antimony	82	NC		<1.20	<1.23	<1.04	<1.18	<1.24
Arsenic	61	25,000		7.69	6.24	1.08	4.54	6.53
Barium	14,000	870,000		96.8	40.5	11.9	53.8	37.3
Beryllium	410	44,000		0.776	0.411	<0.260	0.478	0.446
Cadmium	200	59,000		0.529	<0.307	<0.260	<0.295	<0.310
Calcium	NC	NC		19700	32300	76500	18000	43000
Chromium	4,100	690		16.8	11.2	4.96	12.4	14.4
Cobalt	12,000	NC		11.4	7.94	1.34	8.09	10.2
Copper	8,200	NC		40.4	31.7	6.81	36.1	21.5
Cyanide	4,100	NC		<0.279	<0.289	<0.249	<0.279	<0.295
Iron	NC	NC		19100	13400	2350	14200	17600
Lead	700	NC		200	49.4	40.4	187	11.7
Magnesium	730,000	NC		9150	15400	48600	8840	20600
Manganese	4,100	8,700		755	281	122	359	307
Mercury[c]	61	0.1		***0.489***	***0.682***	0.0689	***0.761***	<0.0607
Nickel	4,100	440,000		25.4	19.7	5.58	19.3	26.1
Potassium	NC	NC		1360	1070	393	817	1740
Selenium	1,000	NC		<0.598	<0.614	<0.520	<0.591	<0.621
Silver	1,000	NC		<0.598	<0.614	<0.520	<0.591	<0.621
Sodium	NC	NC		476	200	139	1590	503
Thallium	160	NC		<0.598	<0.614	<0.520	<0.591	<0.621
Vanadium	1,400	NC		21.8	11.8	3.3	15.9	15
Zinc	61,000	NC		111	62.9	16.9	65.6	38.4
pH	NC	NC		8.01	7.97	9.44	9.14	7.77
TCLP (mg/L)								
Aluminum	NC	NC		NA	NA	NA	NA	NA
Antimony	NC	NC		NA	NA	NA	NA	NA
Arsenic	NC	NC		NA	NA	NA	NA	NA
Barium	NC	NC		NA	NA	NA	NA	NA
Beryllium	NC	NC		NA	NA	NA	NA	NA
Cadmium	NC	NC		NA	NA	NA	NA	NA
Calcium	NC	NC		NA	NA	NA	NA	NA
Chromium	NC	NC		NA	NA	NA	NA	NA
Cobalt	NC	NC		NA	NA	NA	NA	NA
Copper	NC	NC		NA	NA	NA	NA	NA
Cyanide	NC	NC		NA	NA	NA	NA	NA
Iron	NC	NC		NA	NA	NA	NA	NA
Lead	NC	NC		NA	NA	NA	NA	NA
Magnesium	NC	NC		NA	NA	NA	NA	NA
Manganese	NC	NC		NA	NA	NA	NA	NA
Mercury	NC	NC		NA	NA	NA	NA	NA
Nickel	NC	NC		NA	NA	NA	NA	NA
Potassium	NC	NC		NA	NA	NA	NA	NA
Selenium	NC	NC		NA	NA	NA	NA	NA
Silver	NC	NC		NA	NA	NA	NA	NA
Sodium	NC	NC		NA	NA	NA	NA	NA
Thallium	NC	NC		NA	NA	NA	NA	NA
Vanadium	NC	NC		NA	NA	NA	NA	NA
Zinc	NC	NC		NA	NA	NA	NA	NA

NOTES

1. Total Metal results expressed in milligrams per kilogram (mg/kg). TCLP/SPLP results expressed in milligrams per kilogram (mg/L).
2. NC = No toxicity criteria for this exposure route
3. NA = Not Analyzed
4. [c] = Inhalation Exposure Routes for Mercury excluded under footnote s of the TACO Appendix B Table B of Section 742. Inhalation remediation objective only applies at sites where elemental mercury is a contaminant of concern.

Sample result above TACO Construction Worker Ingestion and/or Inhalation.

TABLE 3d
Soil Analytical Results
Inorganics and pH Compared to Construction Worker SROs

	CONSTRUCTION WORKER		Sample	B-4-0607	B-5-0506	B-5-1415	B-6-0607	B-6-0910
			Date	1/15/2026	1/16/2026	1/16/2026	1/15/2026	1/15/2026
	Ingestion	*Inhalation*	Depth (ft)	6' - 7'	5' - 6'	14' - 15'	6' - 7'	9' - 10'
Inorganics								
Aluminum	NC	NC		5970	5100	5800	4190	4740
Antimony	82	NC		<1.21	<1.32	<1.25	<1.05	<1.18
Arsenic	61	25,000		9.5	13.8	6.05	5.01	5.14
Barium	14,000	870,000		69.1	292	41.8	12.7	26
Beryllium	410	44,000		0.475	0.969	0.374	0.295	0.423
Cadmium	200	59,000		<0.303	1.23	<0.313	<0.261	<0.295
Calcium	NC	NC		30800	19300	43100	24000	29500
Chromium	4,100	690		13	15	13.3	8.93	9.97
Cobalt	12,000	NC		8.52	5.13	9.42	5.29	7.26
Copper	8,200	NC		29.9	139	28	15.3	15
Cyanide	4,100	NC		<0.295	<0.312	<0.291	<0.251	<0.283
Iron	NC	NC		23600	12100	15800	14200	11700
Lead	700	NC		93.8	***1400***	42	7.94	19.5
Magnesium	730,000	NC		16400	6910	21100	11600	14000
Manganese	4,100	8,700		297	161	320	172	213
Mercury[c]	61	0.1		<0.0576	***1.92***	<0.0625	<0.0495	<0.0576
Nickel	4,100	440,000		24.8	13.4	23.6	17.4	18.2
Potassium	NC	NC		1050	758	1330	797	1090
Selenium	1,000	NC		<0.607	2.06	<0.627	<0.523	<0.590
Silver	1,000	NC		<0.607	<0.658	<0.627	<0.523	<0.590
Sodium	NC	NC		1190	2040	357	197	104
Thallium	160	NC		<0.607	<0.658	<0.627	<0.523	<0.590
Vanadium	1,400	NC		17.2	19.1	13.5	9.45	10.1
Zinc	61,000	NC		116	622	48.7	25.7	27
pH	NC	NC		7.95	7.48	7.22	7.82	7.86
TCLP (mg/L)								
Aluminum	NC	NC		NA	NA	NA	NA	NA
Antimony	NC	NC		NA	NA	NA	NA	NA
Arsenic	NC	NC		NA	NA	NA	NA	NA
Barium	NC	NC		NA	NA	NA	NA	NA
Beryllium	NC	NC		NA	NA	NA	NA	NA
Cadmium	NC	NC		NA	NA	NA	NA	NA
Calcium	NC	NC		NA	NA	NA	NA	NA
Chromium	NC	NC		NA	NA	NA	NA	NA
Cobalt	NC	NC		NA	NA	NA	NA	NA
Copper	NC	NC		NA	NA	NA	NA	NA
Cyanide	NC	NC		NA	NA	NA	NA	NA
Iron	NC	NC		NA	NA	NA	NA	NA
Lead	NC	NC		NA	NA	NA	NA	NA
Magnesium	NC	NC		NA	NA	NA	NA	NA
Manganese	NC	NC		NA	NA	NA	NA	NA
Mercury	NC	NC		NA	NA	NA	NA	NA
Nickel	NC	NC		NA	NA	NA	NA	NA
Potassium	NC	NC		NA	NA	NA	NA	NA
Selenium	NC	NC		NA	NA	NA	NA	NA
Silver	NC	NC		NA	NA	NA	NA	NA
Sodium	NC	NC		NA	NA	NA	NA	NA
Thallium	NC	NC		NA	NA	NA	NA	NA
Vanadium	NC	NC		NA	NA	NA	NA	NA
Zinc	NC	NC		NA	NA	NA	NA	NA

NOTES

1. Total Metal results expressed in milligrams per kilogram (mg/kg). TCLP/SPLP results expressed in milligrams per kilogram (mg/L).
2. NC = No toxicity criteria for this exposure route
3. NA = Not Analyzed
4. [c] = Inhalation Exposure Routes for Mercury excluded under footnote s of the TACO Appendix B Table B of Section 742. Inhalation remediation objective only applies at sites where elemental mercury is a contaminant of concern.

Sample result above TACO Construction Worker Ingestion and/or Inhalation.

TABLE 3d
Soil Analytical Results
Inorganics and pH Compared to Construction Worker SROs

	CONSTRUCTION WORKER		Sample	B-7-0809	B-8-0607	B-5-0506	B-9-0809	B-10-0607
			Date	1/16/2026	1/16/2026	1/16/2026	1/15/2026	1/15/2026
	Ingestion	*Inhalation*	Depth (ft)	8' - 9'	6' - 7'	11' - 12'	8' - 9'	6' - 7'
Inorganics								
Aluminum	NC	NC		5420	5080	6650	6130	5920
Antimony	82	NC		<1.22	<1.24	<1.17	<1.18	<1.14
Arsenic	61	25,000		4.69	5.83	15.7	5.84	6.46
Barium	14,000	870,000		45.9	188	68.5	34	24.3
Beryllium	410	44,000		0.395	0.482	0.405	0.439	0.361
Cadmium	200	59,000		<0.304	0.552	<0.293	<0.295	<0.286
Calcium	NC	NC		16000	33500	39900	24200	37600
Chromium	4,100	690		14.1	13	15.1	13	12.9
Cobalt	12,000	NC		7.34	6.34	13.3	8.32	8.77
Copper	8,200	NC		23.6	28.7	31.3	20.5	23.2
Cyanide	4,100	NC		<0.284	<0.299	<0.281	<0.285	<0.270
Iron	NC	NC		14100	11700	25900	17100	16500
Lead	700	NC		35.1	122	26.9	11.6	12.9
Magnesium	730,000	NC		9030	13400	20400	13700	20000
Manganese	4,100	8,700		180	212	378	218	295
Mercury[c]	61	0.1		***0.205***	***0.163***	<0.0584	<0.0569	<0.0557
Nickel	4,100	440,000		20.5	16	34.7	25.4	26.2
Potassium	NC	NC		984	852	1330	1210	1290
Selenium	1,000	NC		<0.608	<0.618	<0.587	<0.589	<0.572
Silver	1,000	NC		<0.608	<0.618	<0.587	<0.589	<0.572
Sodium	NC	NC		1250	1070	627	1080	592
Thallium	160	NC		<0.608	<0.618	<0.587	<0.589	0.572
Vanadium	1,400	NC		15.8	13.5	15.6	14.3	13.1
Zinc	61,000	NC		44	190	66	39.4	34.8
pH	NC	NC		8.30	8.46	6.74	8.48	8.56
TCLP (mg/L)								
Aluminum	NC	NC		NA	NA	NA	NA	NA
Antimony	NC	NC		NA	NA	NA	NA	NA
Arsenic	NC	NC		NA	NA	NA	NA	NA
Barium	NC	NC		NA	NA	NA	NA	NA
Beryllium	NC	NC		NA	NA	NA	NA	NA
Cadmium	NC	NC		NA	NA	NA	NA	NA
Calcium	NC	NC		NA	NA	NA	NA	NA
Chromium	NC	NC		NA	NA	NA	NA	NA
Cobalt	NC	NC		NA	NA	NA	NA	NA
Copper	NC	NC		NA	NA	NA	NA	NA
Cyanide	NC	NC		NA	NA	NA	NA	NA
Iron	NC	NC		NA	NA	<0.375	NA	NA
Lead	NC	NC		NA	NA	NA	NA	NA
Magnesium	NC	NC		NA	NA	NA	NA	NA
Manganese	NC	NC		NA	NA	NA	NA	NA
Mercury	NC	NC		NA	NA	NA	NA	NA
Nickel	NC	NC		NA	NA	NA	NA	NA
Potassium	NC	NC		NA	NA	NA	NA	NA
Selenium	NC	NC		NA	NA	NA	NA	NA
Silver	NC	NC		NA	NA	NA	NA	NA
Sodium	NC	NC		NA	NA	NA	NA	NA
Thallium	NC	NC		NA	NA	NA	NA	NA
Vanadium	NC	NC		NA	NA	NA	NA	NA
Zinc	NC	NC		NA	NA	NA	NA	NA

NOTES

1. Total Metal results expressed in milligrams per kilogram (mg/kg). TCLP/SPLP results expressed in milligrams per kilogram (mg/L).
2. NC = No toxicity criteria for this exposure route
3. NA = Not Analyzed
4. [c] = Inhalation Exposure Routes for Mercury excluded under footnote s of the TACO Appendix B Table B of Section 742. Inhalation remediation objective only applies at sites where elemental mercury is a contaminant of concern.

Sample result above TACO Construction Worker Ingestion and/or Inhalation.

TABLE 3d
Soil Analytical Results
Inorganics and pH Compared to Construction Worker SROs

	CONSTRUCTION WORKER		Sample	B-10-1112
			Date	1/15/2026
	Ingestion	*Inhalation*	**Depth (ft)**	11' - 12'
Inorganics				
Aluminum	NC	NC		4750
Antimony	82	NC		<1.19
Arsenic	61	25,000		4.96
Barium	14,000	870,000		24
Beryllium	410	44,000		0.306
Cadmium	200	59,000		<0.297
Calcium	NC	NC		29800
Chromium	4,100	690		10.7
Cobalt	12,000	NC		8.08
Copper	8,200	NC		18.2
Cyanide	4,100	NC		<0.281
Iron	NC	NC		12600
Lead	700	NC		9.45
Magnesium	730,000	NC		14200
Manganese	4,100	8,700		208
Mercury[c]	61	0.1		<0.0569
Nickel	4,100	440,000		21.7
Potassium	NC	NC		1130
Selenium	1,000	NC		<0.594
Silver	1,000	NC		<0.594
Sodium	NC	NC		270
Thallium	160	NC		<0.594
Vanadium	1,400	NC		11.2
Zinc	61,000	NC		29.7
pH	NC	NC		8.21
TCLP (mg/L)				
Aluminum	NC	NC		NA
Antimony	NC	NC		NA
Arsenic	NC	NC		NA
Barium	NC	NC		NA
Beryllium	NC	NC		NA
Cadmium	NC	NC		NA
Calcium	NC	NC		NA
Chromium	NC	NC		NA
Cobalt	NC	NC		NA
Copper	NC	NC		NA
Cyanide	NC	NC		NA
Iron	NC	NC		NA
Lead	NC	NC		NA
Magnesium	NC	NC		NA
Manganese	NC	NC		NA
Mercury	NC	NC		NA
Nickel	NC	NC		NA
Potassium	NC	NC		NA
Selenium	NC	NC		NA
Silver	NC	NC		NA
Sodium	NC	NC		NA
Thallium	NC	NC		NA
Vanadium	NC	NC		NA
Zinc	NC	NC		NA

NOTES

1. Total Metal results expressed in milligrams per kilogram (mg/kg). TCLP/SPLP results expressed in milligrams per kilogram (mg/L).
2. NC = No toxicity criteria for this exposure route
3. NA = Not Analyzed
4. [c] = Inhalation Exposure Routes for Mercury excluded under footnote s of the TACO Appendix B Table B of Section 742. Inhalation remediation objective only applies at sites where elemental mercury is a contaminant of concern.

Sample result above TACO Construction Worker Ingestion and/or Inhalation.

TABLE 3e
Soil Analytical Results
Pesticides, Herbicides, and PCBs Compared to Construction Worker SROs

	CONSTRUCTION WORKER		Sample	B-1-0506	B-1-1213	B-2-1314	B-3-0304	B-3-1112	B-4-0607	B-5-0506
			Date	1/15/2026	1/15/2026	1/15/2026	1/14/2026	1/14/2026	1/15/2026	1/16/2026
	Ingestion	*Inhalation*	Depth (ft)	5' - 6'	12' - 13'	13' - 14'	3' - 4'	11' - 12'	6' - 7'	5' - 6'
Pesticides										
4,4´-DDD	520	NC		<0.00931	<0.00960	<0.00841	<0.00948	<0.00988	<0.00947	<0.0105
4,4´-DDE	370	NC		<0.00466	<0.00480	<0.00420	<0.00474	<0.00494	<0.00473	<0.00527
4,4´-DDT	100	2,100		<0.00931	<0.00960	<0.00841	<0.00948	<0.00988	<0.00947	<0.0105
Aldrin	6.1	9.3		<0.00466	<0.00480	<0.00420	<0.00474	<0.00494	<0.00473	<0.00527
alpha-BHC	20	2.1		<0.00466	<0.00480	<0.00420	<0.00474	<0.00494	<0.00473	<0.00527
alpha-Chlordane	NC	NC		<0.00466	<0.00480	<0.00420	<0.00474	<0.00494	<0.00473	<0.00527
beta-BHC	NC	NC		<0.00931	<0.00960	<0.00841	<0.00948	<0.00988	<0.00947	<0.0105
Chlordane	100	22		<0.0466	<0.0480	<0.0420	<0.0474	<0.0494	<0.0473	<0.0527
delta-BHC	NC	NC		<0.00466	<0.00480	<0.00420	<0.00474	<0.00494	<0.00473	<0.00527
Dieldrin	7.8	3.1		<0.00466	<0.00480	<0.00420	<0.00474	<0.00494	<0.00473	<0.00527
Endosulfan I	1,200	NC		<0.00466	<0.00480	<0.00420	<0.00474	<0.00494	<0.00473	<0.00527
Endosulfan II	1,200	NC		<0.00466	<0.00480	<0.00420	<0.00474	<0.00494	<0.00473	<0.00527
Endosulfan sulfate	NC	NC		<0.00931	<0.00960	<0.00841	<0.00948	<0.00988	<0.00947	<0.0105
Endrin	61	NC		<0.00466	<0.00467	<0.00468	<0.00469	<0.00470	<0.00471	<0.00472
Endrin aldehyde	NC	NC		<0.00931	<0.00960	<0.00841	<0.00948	<0.00988	<0.00947	<0.0105
Endrin ketone	NC	NC		<0.00931	<0.00960	<0.00841	<0.00948	<0.00988	<0.00947	<0.0105
gamma-BHC (Lindane)	96	NC		<0.00466	<0.00480	<0.00420	<0.00474	<0.00494	<0.00473	<0.00527
gamma-Chlordane	NC	NC		<0.00931	<0.00960	<0.00841	<0.00948	<0.00988	<0.00947	<0.0105
Heptachlor	28	16		<0.00466	<0.00480	<0.00420	<0.00474	<0.00494	<0.00473	<0.00527
Heptachlor epoxide	2.7	13		<0.00466	<0.00480	<0.00420	<0.00474	<0.00494	<0.00473	<0.00527
Methoxychlor	1,000	NC		<0.00931	<0.00960	<0.00841	<0.00948	<0.00988	<0.00947	<0.0105
Toxaphene	110	240		<0.582	<0.600	<0.526	<0.592	<0.600	<0.592	<0.600
Herbicides										
2,4,5-TP (Silvex)	1,600	NC		<0.240	<0.244	<2.10	<0.236	<0.250	<0.246	<0.255
2,4-D	2,000	NC		<0.240	<0.244	<2.10	<0.236	<0.250	<0.246	<0.255
Dalapon	6,100	NC		<0.850	<0.850	<6.43	<0.850	<0.850	<0.850	<0.850
Dinoseb	200	NC		<0.240	<0.244	<2.10	<0.236	<0.250	<0.246	<0.255
Pentachlorophenol	520	NC		NA	NA	NA	NA	NA	NA	NA
Picloram	14,000	NC		<0.120	<0.122	<1.05	<0.118	<0.125	<0.123	<0.128
PCBs										
Aroclor 1016	NC	NC		<0.0236	<0.0245	<0.0207	<0.0237	<0.0247	<0.0243	<0.0264
Aroclor 1221	NC	NC		<0.0707	<0.0735	<0.0621	<0.0711	<0.0741	<0.0730	<0.0791
Aroclor 1232	NC	NC		<0.0942	<0.0981	<0.0828	<0.0948	<0.0988	<0.0974	<0.100
Aroclor 1242	NC	NC		<0.0353	<0.0368	<0.0310	<0.0355	<0.0370	<0.0365	<0.0396
Aroclor 1248	NC	NC		<0.0353	<0.0368	<0.0310	<0.0355	<0.0370	<0.0365	<0.0396
Aroclor 1254	NC	NC		<0.0236	<0.0245	<0.0207	<0.0237	<0.0247	<0.0243	<0.0264
Aroclor 1260	NC	NC		<0.0353	<0.0368	<0.0310	<0.0355	<0.0370	<0.0365	<0.0396
Total PCBs	1	NC		ND	ND	ND	ND	ND	ND	ND

NOTES

1. All results expressed in milligrams per kilogram (mg/kg)
2. NC = No toxicity criteria for this exposure route
3. NA = Not Analyzed

Sample result above TACO Construction Worker Ingestion and/or Inhalation.

TABLE 3e
Soil Analytical Results
Pesticides, Herbicides, and PCBs Compared to Construction Worker SROs

	CONSTRUCTION WORKER		Sample	B-5-1415	B-6-0607	B-6-0910	B-7-0809	B-8-0607	B-5-0506	B-9-0809
			Date	1/16/2026	1/15/2026	1/15/2026	1/16/2026	1/16/2026	1/16/2026	1/15/2026
	Ingestion	*Inhalation*	Depth (ft)	14' - 15'	6' - 7'	9' - 10'	8' - 9'	6' - 7'	11' - 12'	8' - 9'
Pesticides										
4,4´-DDD	520	NC		<0.00977	<0.00832	<0.00930	<0.00940	<0.00975	<0.00919	<0.00917
4,4´-DDE	370	NC		<0.00488	<0.00416	<0.00465	<0.00470	<0.00488	<0.00460	<0.00458
4,4´-DDT	100	2,100		<0.00977	<0.00832	<0.00930	<0.00940	<0.00975	<0.00919	<0.00917
Aldrin	6.1	9.3		<0.00488	<0.00416	<0.00465	<0.00470	<0.00488	<0.00460	<0.00458
alpha-BHC	20	2.1		<0.00488	<0.00416	<0.00465	<0.00470	<0.00488	<0.00460	<0.00458
alpha-Chlordane	NC	NC		<0.00488	<0.00416	<0.00465	<0.00470	<0.00488	<0.00460	<0.00458
beta-BHC	NC	NC		<0.00977	<0.00832	<0.00930	<0.00940	<0.00975	<0.00919	<0.00917
Chlordane	100	22		<0.0488	<0.0416	<0.0465	<0.0470	<0.0488	<0.0460	<0.0458
delta-BHC	NC	NC		<0.00488	<0.00416	<0.00465	<0.00470	<0.00488	<0.00460	<0.00458
Dieldrin	7.8	3.1		<0.00488	<0.00416	<0.00465	<0.00470	<0.00488	<0.00460	<0.00458
Endosulfan I	1,200	NC		<0.00488	<0.00416	<0.00465	<0.00470	<0.00488	<0.00460	<0.00458
Endosulfan II	1,200	NC		<0.00488	<0.00416	<0.00465	<0.00470	<0.00488	<0.00460	<0.00458
Endosulfan sulfate	NC	NC		<0.00977	<0.00832	<0.00930	<0.00940	<0.00975	<0.00919	<0.00917
Endrin	61	NC		<0.00473	<0.00474	<0.00475	<0.00476	<0.00477	<0.00478	<0.00479
Endrin aldehyde	NC	NC		<0.00977	<0.00832	<0.00930	<0.00940	<0.00975	<0.00919	<0.00917
Endrin ketone	NC	NC		<0.00977	<0.00832	<0.00930	<0.00940	<0.00975	<0.00919	<0.00917
gamma-BHC (Lindane)	96	NC		<0.00488	<0.00416	<0.00465	<0.00470	<0.00488	<0.00460	<0.00458
gamma-Chlordane	NC	NC		<0.00977	<0.00832	<0.00930	<0.00940	<0.00975	<0.00919	<0.00917
Heptachlor	28	16		<0.00488	<0.00416	<0.00465	<0.00470	<0.00488	<0.00460	<0.00458
Heptachlor epoxide	2.7	13		<0.00488	<0.00416	<0.00465	<0.00470	<0.00488	<0.00460	<0.00458
Methoxychlor	1,000	NC		<0.00977	<0.00832	<0.00930	<0.00940	<0.00975	<0.00919	<0.00917
Toxaphene	110	240		<0.600	<0.520	<0.581	<0.588	<0.600	<0.575	<0.573
Herbicides										
2,4,5-TP (Silvex)	1,600	NC		<0.250	<0.207	<0.236	<0.233	<0.249	<0.235	<0.235
2,4-D	2,000	NC		<0.250	<0.207	<0.236	<0.233	<0.249	<0.235	<0.235
Dalapon	6,100	NC		<0.850	<0.850	<0.850	<0.850	<0.850	<0.850	<0.850
Dinoseb	200	NC		<0.250	<0.207	<0.236	<0.233	<0.249	<0.235	<0.235
Pentachlorophenol	520	NC		NA	NA	NA	NA	NA	NA	NA
Picloram	14,000	NC		<0.125	<0.104	<0.118	<0.117	<0.125	<0.118	<0.118
PCBs										
Aroclor 1016	NC	NC		<0.0244	<0.0210	<0.0236	<0.0235	<0.0244	<0.0230	<0.0235
Aroclor 1221	NC	NC		<0.0733	<0.0630	<0.0708	<0.0705	<0.0732	<0.0689	<0.0704
Aroclor 1232	NC	NC		<0.0977	<0.0840	<0.0944	<0.0940	<0.0975	<0.0919	<0.0939
Aroclor 1242	NC	NC		<0.0366	<0.0315	<0.0354	<0.0353	<0.0366	<0.0345	<0.0352
Aroclor 1248	NC	NC		<0.0366	<0.0315	<0.0354	<0.0353	<0.0366	<0.0345	<0.0352
Aroclor 1254	NC	NC		<0.0244	<0.0210	<0.0236	<0.0235	<0.0244	<0.0230	<0.0235
Aroclor 1260	NC	NC		<0.0366	<0.0315	<0.0354	<0.0353	<0.0366	<0.0345	<0.0352
Total PCBs	1	NC		ND	ND	ND	ND	ND	ND	ND

NOTES

1. All results expressed in milligrams per kilogram (mg/kg)
2. NC = No toxicity criteria for this exposure route
3. NA = Not Analyzed

Sample result above TACO Construction Worker Ingestion and/or Inhalation.

TABLE 3e
Soil Analytical Results
Pesticides, Herbicides, and PCBs Compared to Construction Worker SROs

	CONSTRUCTION WORKER		Sample	B-10-0607	B-10-1112
			Date	1/15/2026	1/15/2026
	Ingestion	*Inhalation*	Depth (ft)	6' - 7'	11' - 12'
Pesticides					
4,4´-DDD	520	NC		<0.00926	<0.00933
4,4´-DDE	370	NC		<0.00463	<0.00467
4,4´-DDT	100	2,100		<0.00926	<0.00933
Aldrin	6.1	9.3		<0.00463	<0.00467
alpha-BHC	20	2.1		<0.00463	<0.00467
alpha-Chlordane	NC	NC		<0.00463	<0.00467
beta-BHC	NC	NC		<0.00926	<0.00933
Chlordane	100	22		<0.0463	<0.0467
delta-BHC	NC	NC		<0.00463	<0.00467
Dieldrin	7.8	3.1		<0.00463	<0.00467
Endosulfan I	1,200	NC		<0.00463	<0.00467
Endosulfan II	1,200	NC		<0.00463	<0.00467
Endosulfan sulfate	NC	NC		<0.00926	<0.00933
Endrin	61	NC		<0.00480	<0.00481
Endrin aldehyde	NC	NC		<0.00926	<0.00933
Endrin ketone	NC	NC		<0.00926	<0.00933
gamma-BHC (Lindane)	96	NC		<0.00463	<0.00467
gamma-Chlordane	NC	NC		<0.00926	<0.00933
Heptachlor	28	16		<0.00463	<0.00467
Heptachlor epoxide	2.7	13		<0.00463	<0.00467
Methoxychlor	1,000	NC		<0.00926	<0.00933
Toxaphene	110	240		<0.579	<0.583
Herbicides					
2,4,5-TP (Silvex)	1,600	NC		<0.234	<0.237
2,4-D	2,000	NC		<0.234	<0.237
Dalapon	6,100	NC		<0.850	<0.850
Dinoseb	200	NC		<0.234	<0.237
Pentachlorophenol	520	NC		NA	NA
Picloram	14,000	NC		<0.117	<0.119
PCBs					
Aroclor 1016	NC	NC		<0.0233	<0.0242
Aroclor 1221	NC	NC		<0.0698	<0.0727
Aroclor 1232	NC	NC		<0.0930	<0.0969
Aroclor 1242	NC	NC		<0.0349	<0.0363
Aroclor 1248	NC	NC		<0.0349	<0.0363
Aroclor 1254	NC	NC		<0.0233	<0.0242
Aroclor 1260	NC	NC		<0.0349	<0.0363
Total PCBs	1	NC		ND	ND

NOTES

1. All results expressed in milligrams per kilogram (mg/kg)
2. NC = No toxicity criteria for this exposure route
3. NA = Not Analyzed

Sample result above TACO Construction Worker Ingestion and/or Inhalation.

APPENDIX C

Soil Boring Logs

GENERAL BH / TP / WELL - GINT STD US.GDT - 01/20/26 15:03 - Z:\PROJECTS\HOLABIRD & ROOT\UIC DRUG DISCOVERY CENTER\ENVIRONMENTAL\CCDD ASSESSMENT CERTIFICATION\EXHIBITS AND BORING LOGS\GINT\UIC DRUG DISCOVERY CENTER GINT FILE

GSG CONSULTANTS, INC.
735 Remington Road, Schaumburg, IL 60173
Tel: 630.994.2600, www.gsg-consultants.com

BORING NUMBER B-1

CLIENT Holabird & Root
PROJECT NAME UIC Drug Discovery Center
PROJECT NUMBER 25-2103
PROJECT LOCATION UIC Parking Lot at 820 S. Paulina
DATE STARTED 01/15/26 **COMPLETED** 01/15/26
GROUND ELEVATION 592.89 ft **HOLE SIZE** 2.25
DRILLING CONTRACTOR GSG Drilling
GROUND WATER LEVELS:
DRILLING METHOD Hollow Stem Auger
AT TIME OF DRILLING ---
LOGGED BY MN/TR **CHECKED BY** TJC
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	Environmental Data
0.0						0.2 2" of TOPSOIL 592.7 FILL: SILTY SAND, trace gravel - Dark Brown	PID = 0
	1	33					PID = 0
2.5							PID = 0
						3.5 589.4 FILL: SILT, trace gravel, sand, and brick - Dark Brown	PID = 0
	2	56					PID = 0
5.0							PID = 0
			B-1-0506			6.0 586.9 (CL-ML) SILTY CLAY (CL/ML), trace gravel - Brown and Gray	PID = 0
	3	67					PID = 0
7.5							PID = 0
				CL-ML			PID = 0
	4	67					PID = 0
10.0							PID = 0
						11.0 581.9 (CL-ML) SILTY CLAY (CL/ML), trace gravel - Gray	PID = 0
	5	100					PID = 0
12.5			B-1-1213				PID = 0
				CL-ML			PID = 0
	6	100					PID = 0
15.0						15.0 577.9	PID = 0

Bottom of borehole at 15.0 feet.

GENERAL BH / TP / WELL - GINT STD US.GDT - 01/20/26 15:03 - Z:\PROJECTS\HOLABIRD & ROOT\UIC DRUG DISCOVERY CENTER\ENVIRONMENTAL\CCDD ASSESSMENT CERTIFICATION\EXHIBITS AND BORING LOGS\GINT\UIC DRUG DISCOVERY CENTER GINT FILE

GSG CONSULTANTS, INC.
735 Remington Road, Schaumburg, IL 60173
Tel: 630.994.2600, www.gsg-consultants.com

BORING NUMBER B-2

CLIENT Holabird & Root
PROJECT NAME UIC Drug Discovery Center
PROJECT NUMBER 25-2103
PROJECT LOCATION UIC Parking Lot at 820 S. Paulina
DATE STARTED 01/15/26 **COMPLETED** 01/15/26
GROUND ELEVATION 592.37 ft **HOLE SIZE** 3.25
DRILLING CONTRACTOR GSG Drilling
GROUND WATER LEVELS:
DRILLING METHOD Hollow Stem Auger
AT TIME OF DRILLING ---
LOGGED BY MN/TR **CHECKED BY** TJC
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	Environmental Data
0.0						6" of ASPHALT	
						0.5 591.9	
						FILL: SILT LOAM, trace sand and brick	PID = 0
	1	67					PID = 0
2.5							PID = 0
							PID = 0
	2	56					PID = 0
5.0							
						6.0 586.4	PID = 0
						FILL: SILTY CLAY, trace gravel - Brown and Gray	PID = 0
	3	83					PID = 0
7.5							PID = 0
							PID = 0
	4	83					PID = 0
10.0							
						11.0 581.4	PID = 0
						(CL-ML) SILTY CLAY (CL/ML), trace gravel - Gray	PID = 0
	5	28					PID = 0
12.5							PID = 0
				CL-ML			PID = 0
	6	72	B-2-1314				PID = 0
15.0						15.0 577.4	

Bottom of borehole at 15.0 feet.

GENERAL BH / TP / WELL - GINT STD US.GDT - 01/20/26 15:03 - Z:\PROJECTS\HOLABIRD & ROOT\UIC DRUG DISCOVERY CENTER\ENVIRONMENTAL\CCDD ASSESSMENT CERTIFICATION\EXHIBITS AND BORING LOGS\GINT\UIC DRUG DISCOVERY CENTER GINT FILE

GSG CONSULTANTS, INC.
735 Remington Road, Schaumburg, IL 60173
Tel: 630.994.2600, www.gsg-consultants.com

BORING NUMBER B-3

CLIENT Holabird & Root
PROJECT NAME UIC Drug Discovery Center
PROJECT NUMBER 25-2103
PROJECT LOCATION UIC Parking Lot at 820 S. Paulina
DATE STARTED 01/14/26 **COMPLETED** 01/14/26
GROUND ELEVATION 591.44 ft **HOLE SIZE** 3.25
DRILLING CONTRACTOR GSG Drilling
GROUND WATER LEVELS:
DRILLING METHOD Hollow Stem Auger
AT TIME OF DRILLING ---
LOGGED BY MN/TR **CHECKED BY** TJC
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	Environmental Data
0.0						6" of ASPHALT	
						0.5 590.9	
						FILL: SILTY CLAY, with brick, trace gravel - Gray	PID = 0
	1	11					PID = 0
2.5							PID = 0
							PID = 0
	2	11	B-3-0304				PID = 0
5.0							
							PID = 0
						6.0 585.4	
	3	78				FILL: SILTY CLAY, trace gravel - Brown and Gray	PID = 0
7.5						7.5 583.9	
				CL-ML		(CL-ML) SILTY CLAY (CL/ML), with gravel - Brown and Gray	PID = 0
	4	89					PID = 0
10.0							PID = 0
						11.0 580.4	
	5	100	B-3-1112			(CL-ML) SILTY CLAY (CL/ML), trace gravel - Gray	PID = 0
12.5				CL-ML			PID = 0
							PID = 0
	6	100					PID = 0
15.0						15.0 576.4	

Bottom of borehole at 15.0 feet.

GENERAL BH / TP / WELL - GINT STD US.GDT - 01/20/26 15:03 - Z:\PROJECTS\HOLABIRD & ROOT\UIC DRUG DISCOVERY CENTER\ENVIRONMENTAL\CCDD ASSESSMENT CERTIFICATION\EXHIBITS AND BORING LOGS\GINT\UIC DRUG DISCOVERY CENTER GINT FILE

GSG CONSULTANTS, INC.
735 Remington Road, Schaumburg, IL 60173
Tel: 630.994.2600, www.gsg-consultants.com

BORING NUMBER B-4

CLIENT Holabird & Root
PROJECT NAME UIC Drug Discovery Center
PROJECT NUMBER 25-2103
PROJECT LOCATION UIC Parking Lot at 820 S. Paulina
DATE STARTED 01/15/26 **COMPLETED** 01/15/26
GROUND ELEVATION 592.82 ft **HOLE SIZE** 3.25
DRILLING CONTRACTOR GSG Drilling
GROUND WATER LEVELS:
DRILLING METHOD Hollow Stem Auger
AT TIME OF DRILLING ---
LOGGED BY MN/TR **CHECKED BY** TJC
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	Environmental Data
0.0						6" of ASPHALT	
						0.5 592.3	
						FILL: SILTY CLAY, trace brick and gravel - Brown and Black	PID = 0
	1	61					PID = 0
2.5							PID = 0
							PID = 0
	2	67					PID = 0
5.0							
							PID = 0
	3	100	B-4-0607				PID = 0
7.5							PID = 0
							PID = 0
	4	17				9.0 583.8	
10.0						(CL-ML) SILTY CLAY (CL/ML), trace brick and gravel - Gray	PID = 0
							PID = 0
	5	100		CL-ML			PID = 0
12.5							PID = 0
							PID = 0
	6	100					PID = 0
15.0						15.0 577.8	

Bottom of borehole at 15.0 feet.

GENERAL BH / TP / WELL - GINT STD US.GDT - 01/20/26 15:03 - Z:\PROJECTS\HOLABIRD & ROOT\UIC DRUG DISCOVERY CENTER\ENVIRONMENTAL\CCDD ASSESSMENT CERTIFICATION\EXHIBITS AND BORING LOGS\GINT\UIC DRUG DISCOVERY CENTER GINT FILE

GSG CONSULTANTS, INC.
735 Remington Road, Schaumburg, IL 60173
Tel: 630.994.2600, www.gsg-consultants.com

BORING NUMBER B-5

CLIENT Holabird & Root
PROJECT NAME UIC Drug Discovery Center
PROJECT NUMBER 25-2103
PROJECT LOCATION UIC Parking Lot at 820 S. Paulina
DATE STARTED 01/16/26 **COMPLETED** 01/16/26
GROUND ELEVATION 593.00 ft **HOLE SIZE** 3.25
DRILLING CONTRACTOR GSG Drilling
GROUND WATER LEVELS:
DRILLING METHOD Hollow Stem Auger
AT TIME OF DRILLING ---
LOGGED BY MN/TR **CHECKED BY** TJC
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	Environmental Data
0.0						6" of ASPHALT 0.5 592.5	
						FILL: SILTY CLAY, trace asphalt and gravel - Brown and Gray	PID = 0
	1	67				2.0 591.0	PID = 0
2.5						FILL: SAND, with silt, trace gravel - Brown and Black	PID = 0
							PID = 0
	2	44					PID = 0
5.0						5.0 588.0	
			B-5-0506			(CL) CLAY (CL), trace gravel - Brown and Gray	PID = 0
	3	44		CL			PID = 0
7.5							PID = 0
						8.5 584.5	
	4	56				(CL-ML) SILTY CLAY (CL/ML), trace gravel - Gray	PID = 0
10.0							PID = 0
				CL-ML			PID = 0
	5	100					PID = 0
12.5							PID = 0
						13.5 579.5	
	6	100	B-5-1415	CL		(CL) CLAY (CL) - Gray	PID = 0
15.0						15.0 578.0	PID = 0

Bottom of borehole at 15.0 feet.

GENERAL BH / TP / WELL - GINT STD US.GDT - 01/20/26 15:03 - Z:\PROJECTS\HOLABIRD & ROOT\UIC DRUG DISCOVERY CENTER\ENVIRONMENTAL\CCDD ASSESSMENT CERTIFICATION\EXHIBITS AND BORING LOGS\GINT\UIC DRUG DISCOVERY CENTER GINT FILE

GSG CONSULTANTS, INC.
735 Remington Road, Schaumburg, IL 60173
Tel: 630.994.2600, www.gsg-consultants.com

BORING NUMBER B-6

CLIENT Holabird & Root
PROJECT NAME UIC Drug Discovery Center
PROJECT NUMBER 25-2103
PROJECT LOCATION UIC Parking Lot at 820 S. Paulina
DATE STARTED 01/15/26 **COMPLETED** 01/15/26
GROUND ELEVATION 592.74 ft **HOLE SIZE** 2.25
DRILLING CONTRACTOR GSG Drilling
GROUND WATER LEVELS:
DRILLING METHOD Hollow Stem Auger
AT TIME OF DRILLING ---
LOGGED BY MN/TR **CHECKED BY** TJC
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	Environmental Data
0.0						0.3 4" of ASPHALT 592.4	
						FILL: SILTY SAND, trace gravel, brick, and wood - Brown	PID = 0
	1	22					PID = 0
2.5							PID = 0
							PID = 0
	2	17					PID = 0
5.0							PID = 0
						6.0 586.7	
						FILL: SILTY CLAY, trace sand and gravel - Brown	PID = 0
	3	39	B-6-0607				PID = 0
7.5							
							PID = 0
	4	89	B-6-0910				PID = 0
10.0							
						11.0 581.7	PID = 0
	5	72		CL		(CL) CLAY (CL), trace gravel - Brown and Gray	PID = 0
12.5							PID = 0
						13.5 579.2	
	6	100		CL		(CL) CLAY (CL) - Gray	PID = 0
15.0						15.0 577.7	PID = 0

Bottom of borehole at 15.0 feet.

GENERAL BH / TP / WELL - GINT STD US.GDT - 01/20/26 15:03 - Z:\PROJECTS\HOLABIRD & ROOT\UIC DRUG DISCOVERY CENTER\ENVIRONMENTAL\CCDD ASSESSMENT CERTIFICATION\EXHIBITS AND BORING LOGS\GINT\UIC DRUG DISCOVERY CENTER GINT FILE

GSG CONSULTANTS, INC.
735 Remington Road, Schaumburg, IL 60173
Tel: 630.994.2600, www.gsg-consultants.com

BORING NUMBER B-7

CLIENT Holabird & Root
PROJECT NAME UIC Drug Discovery Center
PROJECT NUMBER 25-2103
PROJECT LOCATION UIC Parking Lot at 820 S. Paulina
DATE STARTED 01/16/26 **COMPLETED** 01/16/26
GROUND ELEVATION 592.98 ft **HOLE SIZE** 3.25
DRILLING CONTRACTOR GSG Drilling
GROUND WATER LEVELS:
DRILLING METHOD Hollow Stem Auger
AT TIME OF DRILLING ---
LOGGED BY MN/TR **CHECKED BY** TJC
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	Environmental Data
0.0						6" of ASPHALT	
						0.5 592.5	
						FILL: SANDY SILT, with gravel - Brown and Black	PID = 0
	1	28					PID = 0
2.5							PID = 0
							PID = 0
	2	17					PID = 0
5.0							
							PID = 0
						6.0 587.0	
						FILL: SILTY CLAY, trace gravel - Brown and Black	PID = 0
	3	22					PID = 0
7.5							
							PID = 0
						9.0 584.0	
	4	100	B-7-0809	CL-ML		(CL-ML) SILTY CLAY (CL), trace gravel - Brown and Gray	PID = 0
10.0							
							PID = 0
	5	100					PID = 0
12.5							
							PID = 0
						13.5 579.5	
	6	100		CL-ML		(CL-ML) SILTY CLAY (CL), trace gravel - Gray	PID = 0
15.0						15.0 578.0	PID = 0

Bottom of borehole at 15.0 feet.

GENERAL BH / TP / WELL - GINT STD US.GDT - 01/20/26 15:03 - Z:\PROJECTS\HOLABIRD & ROOT\UIC DRUG DISCOVERY CENTER\ENVIRONMENTAL\CCDD ASSESSMENT CERTIFICATION\EXHIBITS AND BORING LOGS\GINT\UIC DRUG DISCOVERY CENTER GINT FILE

GSG CONSULTANTS, INC.
735 Remington Road, Schaumburg, IL 60173
Tel: 630.994.2600, www.gsg-consultants.com

BORING NUMBER B-8

CLIENT Holabird & Root
PROJECT NAME UIC Drug Discovery Center
PROJECT NUMBER 25-2103
PROJECT LOCATION UIC Parking Lot at 820 S. Paulina
DATE STARTED 01/16/26 **COMPLETED** 01/16/26
GROUND ELEVATION 592.91 ft **HOLE SIZE** 3.25
DRILLING CONTRACTOR GSG Drilling
GROUND WATER LEVELS:
DRILLING METHOD Hollow Stem Auger
AT TIME OF DRILLING ---
LOGGED BY MN/TR **CHECKED BY** TJC
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	Environmental Data
0.0						6" of ASPHALT 0.5 592.4	
						FILL: SAND, with brick, trace gravel - Brown and Red	PID = 0
	1	17					PID = 0
2.5							PID = 0
						3.5 589.4	
						FILL: GRAVEL, with sand - Gray	PID = 0
	2	11					PID = 0
5.0							PID = 0
						6.0 586.9	
			B-8-0607			(CL-ML) SILTY CLAY (CL), with sand - Gray	
	3	33		CL-ML			PID = 0
7.5							PID = 0
						8.5 584.4	
						(CL-ML) SILTY CLAY (CL), trace gravel - Gray	PID = 0
	4	67					PID = 0
10.0							PID = 0
	5	100	B-8-1112	CL-ML			PID = 0
12.5							PID = 0
	6	78					PID = 0
15.0						15.0 577.9	PID = 0

Bottom of borehole at 15.0 feet.

GENERAL BH / TP / WELL - GINT STD US.GDT - 01/20/26 15:03 - Z:\PROJECTS\HOLABIRD & ROOT\UIC DRUG DISCOVERY CENTER\ENVIRONMENTAL\CCDD ASSESSMENT CERTIFICATION\EXHIBITS AND BORING LOGS\GINT\UIC DRUG DISCOVERY CENTER GINT FILE

GSG CONSULTANTS, INC.
735 Remington Road, Schaumburg, IL 60173
Tel: 630.994.2600, www.gsg-consultants.com

BORING NUMBER B-9

CLIENT Holabird & Root
PROJECT NAME UIC Drug Discovery Center
PROJECT NUMBER 25-2103
PROJECT LOCATION UIC Parking Lot at 820 S. Paulina
DATE STARTED 01/15/26 **COMPLETED** 01/15/26
GROUND ELEVATION 592.73 ft **HOLE SIZE** 3.25
DRILLING CONTRACTOR GSG Drilling
GROUND WATER LEVELS:
DRILLING METHOD Hollow Stem Auger
AT TIME OF DRILLING ---
LOGGED BY MN/TR **CHECKED BY** TJC
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	Environmental Data
0.0						6" of ASPHALT	
						0.5 592.2	
						FILL: SILTY CLAY, with sand and gravel - Gray	PID = 0
	1	11					PID = 0
2.5							PID = 0
						3.5 589.2	
						FILL: SANDY SILT, with gravel - Brown and Gray	PID = 0
	2	39					PID = 0
5.0							
						6.0 586.7	PID = 0
						FILL: SILTY CLAY, trace sand and gravel - Brown and Gray	
	3	61					PID = 0
7.5							PID = 0
						8.5 584.2	
	4	100	B-9-0809	CL-ML		(CL-ML) SILTY CLAY (CL), trace sand and gravel - Brown, Gray, and Red	PID = 0
10.0							PID = 0
						11.0 581.7	PID = 0
	5	100		CL-ML		(CL-ML) SILTY CLAY (CL), gravel - Gray	PID = 0
12.5							PID = 0
	6	100					PID = 0
15.0						15.0 577.7	PID = 0

Bottom of borehole at 15.0 feet.

GENERAL BH / TP / WELL - GINT STD US.GDT - 01/20/26 15:03 - Z:\PROJECTS\HOLABIRD & ROOT\UIC DRUG DISCOVERY CENTER\ENVIRONMENTAL\CCDD ASSESSMENT CERTIFICATION\EXHIBITS AND BORING LOGS\GINT\UIC DRUG DISCOVERY CENTER GINT FILE

GSG CONSULTANTS, INC.
735 Remington Road, Schaumburg, IL 60173
Tel: 630.994.2600, www.gsg-consultants.com

BORING NUMBER B-10

CLIENT Holabird & Root
PROJECT NAME UIC Drug Discovery Center
PROJECT NUMBER 25-2103
PROJECT LOCATION UIC Parking Lot at 820 S. Paulina
DATE STARTED 01/15/26 **COMPLETED** 01/15/26
GROUND ELEVATION 593.20 ft **HOLE SIZE** 2.25
DRILLING CONTRACTOR GSG Drilling
GROUND WATER LEVELS:
DRILLING METHOD Hollow Stem Auger
AT TIME OF DRILLING ---
LOGGED BY MN/TR **CHECKED BY** TJC
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	Environmental Data
0.0						0.3 4" of ASPHALT 592.9	
						FILL: SILT, with gravel and sand - Dark Brown	PID = 0
	1	44					PID = 0
2.5							PID = 0
						3.5 589.7	
						FILL: SILT, trace clay - Black	PID = 0
	2	67					PID = 0
5.0							PID = 0
						6.0 587.2	
						(CL-ML) SILY CLAY (CL/ML) - Gray	
	3	78	B-10-0607	CL-ML			PID = 0
7.5							PID = 0
						8.5 584.7	
						(CL-ML) SILY CLAY (CL/ML), trace gravel - Gray and Brown	PID = 0
	4	100		CL-ML			PID = 0
10.0							PID = 0
						11.0 582.2	
						(CL) CLAY (CL), trace silt and gravel - Gray	
	5	100	B-10-1112				PID = 0
12.5				CL			PID = 0
							PID = 0
	6	100					PID = 0
15.0						15.0 578.2	

Bottom of borehole at 15.0 feet.

APPENDIX D

Laboratory Analytical Results

sterling labs - O'Hare Location

509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

January 21, 2026

GSG Consultants, Inc.
735 Remington Road
Schaumburg, IL 60173

Telephone: (630) 994-2600
Fax: (630) 994-2699

Analytical Report for Work Order: O26A0461 Revision 0

RE: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Dear GSG Consultants, Inc.:

Sterling Labs has received 2 samples for the referenced project on January 14, 2026 10:48. The analytical results are presented in the following report.

All analyses were performed in accordance with the requirements of 35 IAC Pat 186 / TNI standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (847) 967-6666.

Sincerely,



Laura Dudek
Environmental Project Manager

The information contained in this report and any attachments is confidential information intended only for the use of the individual or entities named above. The results of this report relate only to the samples as received and tested. Sterling Labs is not responsible for customer provided information found in the report that is used to calculate final results. If you have received this report in error, please notify us immediately by phone. This report shall not be reproduced, except in its entirety, unless written approval has been obtained from the laboratory. This analytical report shall become property of the Customer upon payment in full. Otherwise, Sterling Labs will be under no obligation to support, defend or dicuss the analytical report

sterling labs - O'Hare Location

509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Customer: GSG Consultants, Inc.

Proiect: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Work Order Sample Summary

WorkOrder: O26A0461

Laboratory ID	Sample ID	Tag Number	Collection Date	Date Received
O26A0461-01	B-3-0304		01/14/26 10:15	01/14/26 10:48
O26A0461-02	B-3-1112		01/14/26 10:30	01/14/26 10:48

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Customer: GSG Consultants, Inc.

Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Case Narrative

WorkOrder: O26A0461

Work Order: O26A0461
The samples were received on 1/14/2026 10:48:00 AM.

The samples were received in good condition and were properly preserved.

The following coolers were received containing ice and the samples were collected the same day: Default Cooler
The samples were received within acceptable criteria.

GC Semivolatiles

8082 PCB

The following exceptions were found in the CCV, BS and/or BSD associated with the samples.

Sample ID	Analyte	% R	LCL	UCL	RPD	RPDL
S26A0400-CCV2	Decachlorobiphenyl	123	80	120		

HPLC Semivolatiles

8321 Herb
The reporting limit for Dalapon was lowered to the TACO limit.

O26A0461-01: The sample was utilized for MS/MSD purposes. The following exceptions in recovery and/or RPD results were found.

Sample ID	Analyte	% R	LCL	UCL	RPD	RPDL
B26A0601-MS2	Dinoseb	16	50	150		
B26A0601-MSD1	Dalapon				38	30
B26A0601-MSD2	Dinoseb	3	50	150		

6020 Metals

The metals Matrix Spike/Matrix Spike Duplicate (MS/MSD) prepared from sample B-3-1112 (O25A0461-02) had the following outside control limits:

Antimony: 9%/9% (MS/MSD) recovery (QC limits 75-125%)
Barium: 64% (MSD) recovery (QC limits 75-125%)
Vanadium: 70% (MSD) recovery (QC limits 75-125%)
Zinc: 193%/84% (MS/MSD) recovery (QC limits 75-125%), 28% RPD, QC limit < 20%)

The MS/MSD had recovery of other analytes outside of control limits, however the analyte concentration in the sample was greater than four times the spiking level for those elements.

GCMS Semivolatiles

8270 SVOC

O26A0461-01: The sample was analyzed at 4x dilution due to the matrix of the extract. As a result, reporting limits are elevated. The detection level for Benzo(a)pyrene and Dibenzo(a,h)anthracene were lowered to the TACO limit.

The following exceptions were found in the CCV, BS and/or BSD associated with the samples.

Sample ID	Analyte	% R	LCL	UCL	RPD	RPDL
S26A0378-CCV1	Benzoic acid	78	80	120		
S26A0378-CCV1	Hexachlorocyclopentadiene	69	80	120		

GC-MS Volatiles

8260 VOC

The following exceptions were found in the CCV, BS and/or BSD associated with the samples.

Sample ID	Analyte	% R	LCL	UCL	RPD	RPDL
B26A0645-BSD1	Acetone				23	20

The following exceptions were found for the sample surrogate and/or internal standards.

Sample ID	Analyte	% R	LCL	UCL
B26A0645-BLK1	Dibromofluoromethane	77	80	141

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 1/21/2026
Date Printed: 1/21/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0461
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-3-0304
Collection Date: 01/14/2026 10:15
Matrix: Soil

Lab ID: O26A0461-01

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Volatile Organic Compounds by GC/MS	**SW8260B / SW5035**			Prep Date:	**01/15/2026**		Analyst: **CP1**	
ILEPA 100256								
Acetone	ND	0.0874		mg/Kg dry	1	01/15/2026	B26A0645	S26A0363
Benzene	ND	0.00500		mg/Kg dry	1	01/15/2026	B26A0645	S26A0363
Bromodichloromethane	ND	0.00250		mg/Kg dry	1	01/15/2026	B26A0645	S26A0363
Bromoform	ND	0.00500		mg/Kg dry	1	01/15/2026	B26A0645	S26A0363
Bromomethane	ND	0.0250		mg/Kg dry	1	01/15/2026	B26A0645	S26A0363
2-Butanone	ND	0.0350		mg/Kg dry	1	01/15/2026	B26A0645	S26A0363
Carbon disulfide	ND	0.00500		mg/Kg dry	1	01/15/2026	B26A0645	S26A0363
Carbon tetrachloride	ND	0.0250		mg/Kg dry	1	01/15/2026	B26A0645	S26A0363
Chlorobenzene	ND	0.00500		mg/Kg dry	1	01/15/2026	B26A0645	S26A0363
Chloroethane	ND	0.00999		mg/Kg dry	1	01/15/2026	B26A0645	S26A0363
Chloroform	ND	0.00500		mg/Kg dry	1	01/15/2026	B26A0645	S26A0363
Chloromethane	ND	0.00999		mg/Kg dry	1	01/15/2026	B26A0645	S26A0363
Dibromochloromethane	ND	0.00250		mg/Kg dry	1	01/15/2026	B26A0645	S26A0363
1,1-Dichloroethane	ND	0.00500		mg/Kg dry	1	01/15/2026	B26A0645	S26A0363
1,2-Dichloroethane	ND	0.00250		mg/Kg dry	1	01/15/2026	B26A0645	S26A0363
1,1-Dichloroethene	ND	0.00250		mg/Kg dry	1	01/15/2026	B26A0645	S26A0363
cis-1,2-Dichloroethene	ND	0.00500		mg/Kg dry	1	01/15/2026	B26A0645	S26A0363
trans-1,2-Dichloroethene	ND	0.00500		mg/Kg dry	1	01/15/2026	B26A0645	S26A0363
1,2-Dichloropropane	ND	0.00250		mg/Kg dry	1	01/15/2026	B26A0645	S26A0363
cis-1,3-Dichloropropene	ND	0.00400		mg/Kg dry	1	01/15/2026	B26A0645	S26A0363
trans-1,3-Dichloropropene	ND	0.00400		mg/Kg dry	1	01/15/2026	B26A0645	S26A0363
Ethylbenzene	ND	0.00999		mg/Kg dry	1	01/15/2026	B26A0645	S26A0363
2-Hexanone	ND	0.0350		mg/Kg dry	1	01/15/2026	B26A0645	S26A0363
4-Methyl-2-pentanone	ND	0.0350		mg/Kg dry	1	01/15/2026	B26A0645	S26A0363
Methylene chloride	ND	0.0200		mg/Kg dry	1	01/15/2026	B26A0645	S26A0363
Methyl tert-butyl ether	ND	0.00250		mg/Kg dry	1	01/15/2026	B26A0645	S26A0363
Styrene	ND	0.00999		mg/Kg dry	1	01/15/2026	B26A0645	S26A0363
1,1,2,2-Tetrachloroethane	ND	0.00250		mg/Kg dry	1	01/15/2026	B26A0645	S26A0363
Tetrachloroethene	ND	0.00500		mg/Kg dry	1	01/15/2026	B26A0645	S26A0363
Toluene	ND	0.00500		mg/Kg dry	1	01/15/2026	B26A0645	S26A0363
1,1,1-Trichloroethane	ND	0.00250		mg/Kg dry	1	01/15/2026	B26A0645	S26A0363
1,1,2-Trichloroethane	ND	0.00250		mg/Kg dry	1	01/15/2026	B26A0645	S26A0363
Trichloroethene	ND	0.00250		mg/Kg dry	1	01/15/2026	B26A0645	S26A0363
Vinyl chloride	ND	0.00500		mg/Kg dry	1	01/15/2026	B26A0645	S26A0363
Xylenes, Total	ND	0.0150		mg/Kg dry	1	01/15/2026	B26A0645	S26A0363

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 1/21/2026
Date Printed: 1/21/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0461
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-3-0304
Collection Date: 01/14/2026 10:15
Matrix: Soil

Lab ID: O26A0461-01 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Semivolatile Organic Compounds by GC/MSW8270D / SW3550				Prep Date: **01/15/2026**		Analyst: **TM1**		
ILEPA 100256								
Acenaphthene	ND	0.0717		mg/Kg dry	4	01/16/2026	B26A0560	S26A0378
Acenaphthylene	ND	0.0717		mg/Kg dry	4	01/16/2026	B26A0560	S26A0378
Aniline	ND	0.717		mg/Kg dry	4	01/16/2026	B26A0560	S26A0378
Anthracene	**0.236**	0.108		mg/Kg dry	4	01/16/2026	B26A0560	S26A0378
Benzo(a)anthracene	**0.595**	0.108		mg/Kg dry	4	01/16/2026	B26A0560	S26A0378
Benzidine	ND	11.9		mg/Kg dry	4	01/16/2026	B26A0560	S26A0378
Benzo(a)pyrene	**0.617**	0.0900		mg/Kg dry	4	01/16/2026	B26A0560	S26A0378
Benzo(b)fluoranthene	**0.780**	0.108		mg/Kg dry	4	01/16/2026	B26A0560	S26A0378
Benzo(g,h,i)perylene	**0.389**	0.143		mg/Kg dry	4	01/16/2026	B26A0560	S26A0378
Benzo(k)fluoranthene	**0.248**	0.143		mg/Kg dry	4	01/16/2026	B26A0560	S26A0378
Benzoic acid	ND	5.74	Q	mg/Kg dry	4	01/16/2026	B26A0560	S26A0378
Benzyl alcohol	ND	0.108		mg/Kg dry	4	01/16/2026	B26A0560	S26A0378
Bis(2-chloroethoxy)methane	ND	0.0717		mg/Kg dry	4	01/16/2026	B26A0560	S26A0378
Bis(2-chloroethyl)ether	ND	0.0359		mg/Kg dry	4	01/16/2026	B26A0560	S26A0378
Bis(2-ethylhexyl)phthalate	ND	0.717		mg/Kg dry	4	01/16/2026	B26A0560	S26A0378
4-Bromophenyl-phenylether	ND	0.108		mg/Kg dry	4	01/16/2026	B26A0560	S26A0378
Butyl benzyl phthalate	ND	0.215		mg/Kg dry	4	01/16/2026	B26A0560	S26A0378
Carbazole	ND	0.0717		mg/Kg dry	4	01/16/2026	B26A0560	S26A0378
4-Chloroaniline	ND	0.108		mg/Kg dry	4	01/16/2026	B26A0560	S26A0378
4-Chloro-3-methylphenol	ND	0.0717		mg/Kg dry	4	01/16/2026	B26A0560	S26A0378
2-Chloronaphthalene	ND	0.0717		mg/Kg dry	4	01/16/2026	B26A0560	S26A0378
2-Chlorophenol	ND	0.0717		mg/Kg dry	4	01/16/2026	B26A0560	S26A0378
4-Chlorophenyl-phenylether	ND	0.108		mg/Kg dry	4	01/16/2026	B26A0560	S26A0378
2,2´-oxybis(1-chloropropane)	ND	2.87		mg/Kg dry	4	01/16/2026	B26A0560	S26A0378
Chrysene	**0.619**	0.0717		mg/Kg dry	4	01/16/2026	B26A0560	S26A0378
Dibenzo(a,h)anthracene	ND	0.0900		mg/Kg dry	4	01/16/2026	B26A0560	S26A0378
Dibenzofuran	ND	0.108		mg/Kg dry	4	01/16/2026	B26A0560	S26A0378
1,2-Dichlorobenzene	ND	0.108		mg/Kg dry	4	01/16/2026	B26A0560	S26A0378
1,3-Dichlorobenzene	ND	0.108		mg/Kg dry	4	01/16/2026	B26A0560	S26A0378
1,4-Dichlorobenzene	ND	0.108		mg/Kg dry	4	01/16/2026	B26A0560	S26A0378
3,3´-Dichlorobenzidine	ND	0.430		mg/Kg dry	4	01/16/2026	B26A0560	S26A0378
2,4-Dichlorophenol	ND	0.0717		mg/Kg dry	4	01/16/2026	B26A0560	S26A0378
Diethyl phthalate	ND	0.717		mg/Kg dry	4	01/16/2026	B26A0560	S26A0378
Dimethyl phthalate	ND	0.0717		mg/Kg dry	4	01/16/2026	B26A0560	S26A0378
2,4-Dimethylphenol	ND	0.215		mg/Kg dry	4	01/16/2026	B26A0560	S26A0378
Di-n-butyl phthalate	ND	0.215		mg/Kg dry	4	01/16/2026	B26A0560	S26A0378
4,6-Dinitro-2-methylphenol	ND	2.87		mg/Kg dry	4	01/16/2026	B26A0560	S26A0378
2,4-Dinitrophenol	ND	0.717		mg/Kg dry	4	01/16/2026	B26A0560	S26A0378
2,4-Dinitrotoluene	ND	0.108		mg/Kg dry	4	01/16/2026	B26A0560	S26A0378

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 1/21/2026
Date Printed: 1/21/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0461
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-3-0304
Collection Date: 01/14/2026 10:15
Matrix: Soil

Lab ID: O26A0461-01 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Semivolatile Organic Compounds by GC/MSW8270D / SW3550				Prep Date: **01/15/2026**		Analyst: **TM1**		
ILEPA 100256								
2,6-Dinitrotoluene	ND	0.0717		mg/Kg dry	4	01/16/2026	B26A0560	S26A0378
Di-n-octyl phthalate	ND	0.108		mg/Kg dry	4	01/16/2026	B26A0560	S26A0378
Fluoranthene	**1.31**	0.108		mg/Kg dry	4	01/16/2026	B26A0560	S26A0378
Fluorene	**0.0801**	0.0717		mg/Kg dry	4	01/16/2026	B26A0560	S26A0378
Hexachlorobenzene	ND	0.0717		mg/Kg dry	4	01/16/2026	B26A0560	S26A0378
Hexachlorobutadiene	ND	0.143		mg/Kg dry	4	01/16/2026	B26A0560	S26A0378
Hexachlorocyclopentadiene	ND	2.87	Q	mg/Kg dry	4	01/16/2026	B26A0560	S26A0378
Hexachloroethane	ND	0.143		mg/Kg dry	4	01/16/2026	B26A0560	S26A0378
Indeno(1,2,3-cd)pyrene	**0.420**	0.108		mg/Kg dry	4	01/16/2026	B26A0560	S26A0378
Isophorone	ND	0.108		mg/Kg dry	4	01/16/2026	B26A0560	S26A0378
2-Methylnaphthalene	ND	0.108		mg/Kg dry	4	01/16/2026	B26A0560	S26A0378
2-Methylphenol	ND	0.0359		mg/Kg dry	4	01/16/2026	B26A0560	S26A0378
3 & 4-Methylphenol	ND	0.143		mg/Kg dry	4	01/16/2026	B26A0560	S26A0378
Naphthalene	ND	0.108		mg/Kg dry	4	01/16/2026	B26A0560	S26A0378
2-Nitroaniline	ND	0.108		mg/Kg dry	4	01/16/2026	B26A0560	S26A0378
3-Nitroaniline	ND	0.108		mg/Kg dry	4	01/16/2026	B26A0560	S26A0378
4-Nitroaniline	ND	0.143		mg/Kg dry	4	01/16/2026	B26A0560	S26A0378
Nitrobenzene	ND	0.100		mg/Kg dry	4	01/16/2026	B26A0560	S26A0378
2-Nitrophenol	ND	0.108		mg/Kg dry	4	01/16/2026	B26A0560	S26A0378
4-Nitrophenol	ND	2.87		mg/Kg dry	4	01/16/2026	B26A0560	S26A0378
N-Nitrosodimethylamine	ND	0.143		mg/Kg dry	4	01/16/2026	B26A0560	S26A0378
N-Nitrosodi-n-propylamine	ND	0.0336		mg/Kg dry	4	01/16/2026	B26A0560	S26A0378
N-Nitrosodiphenylamine	ND	0.108		mg/Kg dry	4	01/16/2026	B26A0560	S26A0378
Pentachlorophenol	ND	0.0997		mg/Kg dry	4	01/16/2026	B26A0560	S26A0378
Phenanthrene	**0.790**	0.108		mg/Kg dry	4	01/16/2026	B26A0560	S26A0378
Phenol	ND	0.143		mg/Kg dry	4	01/16/2026	B26A0560	S26A0378
Pyrene	**1.29**	0.108		mg/Kg dry	4	01/16/2026	B26A0560	S26A0378
Pyridine	ND	2.87		mg/Kg dry	4	01/16/2026	B26A0560	S26A0378
1,2,4-Trichlorobenzene	ND	0.108		mg/Kg dry	4	01/16/2026	B26A0560	S26A0378
2,4,5-Trichlorophenol	ND	0.0717		mg/Kg dry	4	01/16/2026	B26A0560	S26A0378
2,4,6-Trichlorophenol	ND	0.0717		mg/Kg dry	4	01/16/2026	B26A0560	S26A0378

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 1/21/2026
Date Printed: 1/21/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0461
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-3-0304
Collection Date: 01/14/2026 10:15
Matrix: Soil

Lab ID: O26A0461-01 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Polychlorinated Biphenyls (PCBs) by GC/ESW8082A / SW3546				Prep Date: **01/15/2026**		Analyst: **YC1**		
ILEPA 100256								
Aroclor 1016	ND	0.0237		mg/Kg dry	1	01/16/2026	B26A0564	S26A0400
Aroclor 1221	ND	0.0711		mg/Kg dry	1	01/16/2026	B26A0564	S26A0400
Aroclor 1232	ND	0.0948		mg/Kg dry	1	01/16/2026	B26A0564	S26A0400
Aroclor 1242	ND	0.0355		mg/Kg dry	1	01/16/2026	B26A0564	S26A0400
Aroclor 1248	ND	0.0355		mg/Kg dry	1	01/16/2026	B26A0564	S26A0400
Aroclor 1254	ND	0.0237		mg/Kg dry	1	01/16/2026	B26A0564	S26A0400
Aroclor 1260	ND	0.0355		mg/Kg dry	1	01/16/2026	B26A0564	S26A0400
Organochlorine Pesticides by GC/ECD	**SW8081B / SW3546**			Prep Date: **01/15/2026**		Analyst: **ER3**		
ILEPA 100256								
4,4'-DDD	ND	0.00948		mg/Kg dry	1	01/15/2026	B26A0565	S26A0364
4,4'-DDE	ND	0.00474		mg/Kg dry	1	01/15/2026	B26A0565	S26A0364
4,4'-DDT	ND	0.00948		mg/Kg dry	1	01/15/2026	B26A0565	S26A0364
Aldrin	ND	0.00474		mg/Kg dry	1	01/15/2026	B26A0565	S26A0364
alpha-BHC	ND	0.00474		mg/Kg dry	1	01/15/2026	B26A0565	S26A0364
alpha-Chlordane	ND	0.00474		mg/Kg dry	1	01/15/2026	B26A0565	S26A0364
beta-BHC	ND	0.00948		mg/Kg dry	1	01/15/2026	B26A0565	S26A0364
Chlordane	ND	0.0474		mg/Kg dry	1	01/15/2026	B26A0565	S26A0364
delta-BHC	ND	0.00474		mg/Kg dry	1	01/15/2026	B26A0565	S26A0364
Dieldrin	ND	0.00474		mg/Kg dry	1	01/15/2026	B26A0565	S26A0364
Endosulfan I	ND	0.00474		mg/Kg dry	1	01/15/2026	B26A0565	S26A0364
Endosulfan II	ND	0.00474		mg/Kg dry	1	01/15/2026	B26A0565	S26A0364
Endosulfan sulfate	ND	0.00948		mg/Kg dry	1	01/15/2026	B26A0565	S26A0364
Endrin	ND	0.00474		mg/Kg dry	1	01/15/2026	B26A0565	S26A0364
Endrin aldehyde	ND	0.00948		mg/Kg dry	1	01/15/2026	B26A0565	S26A0364
Endrin ketone	ND	0.00948		mg/Kg dry	1	01/15/2026	B26A0565	S26A0364
gamma-BHC	ND	0.00474		mg/Kg dry	1	01/15/2026	B26A0565	S26A0364
gamma-Chlordane	ND	0.00948		mg/Kg dry	1	01/15/2026	B26A0565	S26A0364
Heptachlor	ND	0.00474		mg/Kg dry	1	01/15/2026	B26A0565	S26A0364
Heptachlor epoxide	ND	0.00474		mg/Kg dry	1	01/15/2026	B26A0565	S26A0364
Methoxychlor	ND	0.00948		mg/Kg dry	1	01/15/2026	B26A0565	S26A0364
Toxaphene	ND	0.592		mg/Kg dry	1	01/15/2026	B26A0565	S26A0364

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 1/21/2026
Date Printed: 1/21/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0461
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-3-0304
Collection Date: 01/14/2026 10:15
Matrix: Soil

Lab ID: O26A0461-01 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Herbicides by HPLC	**SW8321B / SW3546**			Prep Date: **01/15/2026**		Analyst: **JPP**		
ILEPA 100256								
2,4,5-TP (Silvex)	ND	0.236		mg/Kg dry	1	01/16/2026	B26A0601	S26A0423
2,4-D	ND	0.236		mg/Kg dry	1	01/16/2026	B26A0601	S26A0423
Dalapon	ND	0.850	J1	mg/Kg dry	1	01/16/2026	B26A0601	S26A0423
Dinoseb	ND	0.236	J1	mg/Kg dry	1	01/19/2026	B26A0601	S26A0426
Picloram	ND	0.118	*	mg/Kg dry	1	01/16/2026	B26A0601	S26A0423
Metals by ICP-MS	**SW6020 B / SW3050**			Prep Date: **01/15/2026**		Analyst: **MS6**		
ILEPA 100256								
Aluminum	**6,360**	11.8		mg/Kg dry	10	01/15/2026	B26A0597	S26A0370
Antimony	ND	1.18		mg/Kg dry	10	01/17/2026	B26A0597	S26A0397
Arsenic	**4.54**	0.591		mg/Kg dry	10	01/15/2026	B26A0597	S26A0370
Barium	**53.8**	0.591		mg/Kg dry	10	01/15/2026	B26A0597	S26A0370
Beryllium	**0.478**	0.295		mg/Kg dry	10	01/15/2026	B26A0597	S26A0370
Cadmium	ND	0.295		mg/Kg dry	10	01/15/2026	B26A0597	S26A0370
Calcium	**18,000**	35.4		mg/Kg dry	10	01/15/2026	B26A0597	S26A0370
Chromium	**12.4**	0.591		mg/Kg dry	10	01/15/2026	B26A0597	S26A0370
Cobalt	**8.09**	0.591		mg/Kg dry	10	01/15/2026	B26A0597	S26A0370
Copper	**36.1**	1.48		mg/Kg dry	10	01/15/2026	B26A0597	S26A0370
Iron	**14,200**	17.7		mg/Kg dry	10	01/15/2026	B26A0597	S26A0370
Lead	**187**	0.295		mg/Kg dry	10	01/15/2026	B26A0597	S26A0370
Magnesium	**8,840**	17.7		mg/Kg dry	10	01/15/2026	B26A0597	S26A0370
Manganese	**359**	0.591		mg/Kg dry	10	01/15/2026	B26A0597	S26A0370
Nickel	**19.3**	0.591		mg/Kg dry	10	01/15/2026	B26A0597	S26A0370
Potassium	**817**	17.7		mg/Kg dry	10	01/15/2026	B26A0597	S26A0370
Selenium	ND	0.591		mg/Kg dry	10	01/15/2026	B26A0597	S26A0370
Silver	ND	0.591		mg/Kg dry	10	01/15/2026	B26A0597	S26A0370
Sodium	**1,590**	35.4		mg/Kg dry	10	01/15/2026	B26A0597	S26A0370
Thallium	ND	0.591		mg/Kg dry	10	01/15/2026	B26A0597	S26A0370
Vanadium	**15.9**	0.591		mg/Kg dry	10	01/15/2026	B26A0597	S26A0370
Zinc	**65.6**	0.473		mg/Kg dry	10	01/15/2026	B26A0597	S26A0370
Mercury by CVAA	**SW7471B**			Prep Date: **01/15/2026**		Analyst: **NB3**		
ILEPA 100256								
Mercury	**0.761**	0.100		mg/Kg dry	5	01/15/2026	B26A0590	S26A0347
Wet Chemistry	**SM2540G**			Prep Date: **01/16/2026**		Analyst: **VE1**		
Total Solids	**82.9**	0.100	*	% (Percent)	1	01/17/2026	B26A0643	

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 1/21/2026
Date Printed: 1/21/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0461
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-3-0304
Collection Date: 01/14/2026 10:15
Matrix: Soil

Lab ID: O26A0461-01 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Wet Chemistry	**SW9014 / SW9010B**			Prep Date: **01/15/2026**		Analyst: **LN2**		
ILEPA 100256								
Cyanide	ND	0.279		mg/Kg dry	1	01/15/2026	B26A0582	S26A0341
Wet Chemistry	**SW9045D**			Prep Date: **01/15/2026**		Analyst: **BW1**		
ILEPA 100256								
pH measured in water at reported temperature	**9.14**			pH Units	1	01/15/2026	B26A0584	
pH Temperature	**19.0**			°C	1	01/15/2026	B26A0584	

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 1/21/2026
Date Printed: 1/21/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0461
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-3-1112
Collection Date: 01/14/2026 10:30
Matrix: Soil

Lab ID: O26A0461-02

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Volatile Organic Compounds by GC/MS	**SW8260B / SW5035**			Prep Date:	**01/15/2026**		Analyst: **CP1**	
ILEPA 100256								
Acetone	ND	0.0673		mg/Kg dry	1	01/15/2026	B26A0645	S26A0363
Benzene	ND	0.00500		mg/Kg dry	1	01/15/2026	B26A0645	S26A0363
Bromodichloromethane	ND	0.00192		mg/Kg dry	1	01/15/2026	B26A0645	S26A0363
Bromoform	ND	0.00385		mg/Kg dry	1	01/15/2026	B26A0645	S26A0363
Bromomethane	ND	0.0192		mg/Kg dry	1	01/15/2026	B26A0645	S26A0363
2-Butanone	ND	0.0269		mg/Kg dry	1	01/15/2026	B26A0645	S26A0363
Carbon disulfide	ND	0.00385		mg/Kg dry	1	01/15/2026	B26A0645	S26A0363
Carbon tetrachloride	ND	0.0192		mg/Kg dry	1	01/15/2026	B26A0645	S26A0363
Chlorobenzene	ND	0.00385		mg/Kg dry	1	01/15/2026	B26A0645	S26A0363
Chloroethane	ND	0.00769		mg/Kg dry	1	01/15/2026	B26A0645	S26A0363
Chloroform	ND	0.00385		mg/Kg dry	1	01/15/2026	B26A0645	S26A0363
Chloromethane	ND	0.00769		mg/Kg dry	1	01/15/2026	B26A0645	S26A0363
Dibromochloromethane	ND	0.00192		mg/Kg dry	1	01/15/2026	B26A0645	S26A0363
1,1-Dichloroethane	ND	0.00385		mg/Kg dry	1	01/15/2026	B26A0645	S26A0363
1,2-Dichloroethane	ND	0.00192		mg/Kg dry	1	01/15/2026	B26A0645	S26A0363
1,1-Dichloroethene	ND	0.00192		mg/Kg dry	1	01/15/2026	B26A0645	S26A0363
cis-1,2-Dichloroethene	ND	0.00385		mg/Kg dry	1	01/15/2026	B26A0645	S26A0363
trans-1,2-Dichloroethene	ND	0.00385		mg/Kg dry	1	01/15/2026	B26A0645	S26A0363
1,2-Dichloropropane	ND	0.00192		mg/Kg dry	1	01/15/2026	B26A0645	S26A0363
cis-1,3-Dichloropropene	ND	0.00385		mg/Kg dry	1	01/15/2026	B26A0645	S26A0363
trans-1,3-Dichloropropene	ND	0.00385		mg/Kg dry	1	01/15/2026	B26A0645	S26A0363
Ethylbenzene	ND	0.00769		mg/Kg dry	1	01/15/2026	B26A0645	S26A0363
2-Hexanone	ND	0.0269		mg/Kg dry	1	01/15/2026	B26A0645	S26A0363
4-Methyl-2-pentanone	ND	0.0269		mg/Kg dry	1	01/15/2026	B26A0645	S26A0363
Methylene chloride	ND	0.0192		mg/Kg dry	1	01/15/2026	B26A0645	S26A0363
Methyl tert-butyl ether	ND	0.00192		mg/Kg dry	1	01/15/2026	B26A0645	S26A0363
Styrene	ND	0.00769		mg/Kg dry	1	01/15/2026	B26A0645	S26A0363
1,1,2,2-Tetrachloroethane	ND	0.00192		mg/Kg dry	1	01/15/2026	B26A0645	S26A0363
Tetrachloroethene	ND	0.00385		mg/Kg dry	1	01/15/2026	B26A0645	S26A0363
Toluene	ND	0.00500		mg/Kg dry	1	01/15/2026	B26A0645	S26A0363
1,1,1-Trichloroethane	ND	0.00192		mg/Kg dry	1	01/15/2026	B26A0645	S26A0363
1,1,2-Trichloroethane	ND	0.00192		mg/Kg dry	1	01/15/2026	B26A0645	S26A0363
Trichloroethene	ND	0.00192		mg/Kg dry	1	01/15/2026	B26A0645	S26A0363
Vinyl chloride	ND	0.00385		mg/Kg dry	1	01/15/2026	B26A0645	S26A0363
Xylenes, Total	ND	0.0115		mg/Kg dry	1	01/15/2026	B26A0645	S26A0363

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 1/21/2026
Date Printed: 1/21/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0461
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-3-1112
Collection Date: 01/14/2026 10:30
Matrix: Soil

Lab ID: O26A0461-02 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Semivolatile Organic Compounds by GC/MSW8270D / SW3550				Prep Date:	**01/15/2026**		Analyst: **TM1**	
ILEPA 100256								
Acenaphthene	ND	0.0186		mg/Kg dry	1	01/15/2026	B26A0560	S26A0378
Acenaphthylene	ND	0.0186		mg/Kg dry	1	01/15/2026	B26A0560	S26A0378
Aniline	ND	0.186		mg/Kg dry	1	01/15/2026	B26A0560	S26A0378
Anthracene	ND	0.0279		mg/Kg dry	1	01/15/2026	B26A0560	S26A0378
Benzo(a)anthracene	ND	0.0279		mg/Kg dry	1	01/15/2026	B26A0560	S26A0378
Benzidine	ND	3.10		mg/Kg dry	1	01/15/2026	B26A0560	S26A0378
Benzo(a)pyrene	ND	0.0744		mg/Kg dry	1	01/15/2026	B26A0560	S26A0378
Benzo(b)fluoranthene	ND	0.0279		mg/Kg dry	1	01/15/2026	B26A0560	S26A0378
Benzo(g,h,i)perylene	ND	0.0372		mg/Kg dry	1	01/15/2026	B26A0560	S26A0378
Benzo(k)fluoranthene	ND	0.0372		mg/Kg dry	1	01/15/2026	B26A0560	S26A0378
Benzoic acid	ND	1.49	Q	mg/Kg dry	1	01/15/2026	B26A0560	S26A0378
Benzyl alcohol	ND	0.0279		mg/Kg dry	1	01/15/2026	B26A0560	S26A0378
Bis(2-chloroethoxy)methane	ND	0.0186		mg/Kg dry	1	01/15/2026	B26A0560	S26A0378
Bis(2-chloroethyl)ether	ND	0.00931		mg/Kg dry	1	01/15/2026	B26A0560	S26A0378
Bis(2-ethylhexyl)phthalate	ND	0.186		mg/Kg dry	1	01/15/2026	B26A0560	S26A0378
4-Bromophenyl-phenylether	ND	0.0279		mg/Kg dry	1	01/15/2026	B26A0560	S26A0378
Butyl benzyl phthalate	ND	0.0558		mg/Kg dry	1	01/15/2026	B26A0560	S26A0378
Carbazole	ND	0.0186		mg/Kg dry	1	01/15/2026	B26A0560	S26A0378
4-Chloroaniline	ND	0.0279		mg/Kg dry	1	01/15/2026	B26A0560	S26A0378
4-Chloro-3-methylphenol	ND	0.0186		mg/Kg dry	1	01/15/2026	B26A0560	S26A0378
2-Chloronaphthalene	ND	0.0186		mg/Kg dry	1	01/15/2026	B26A0560	S26A0378
2-Chlorophenol	ND	0.0186		mg/Kg dry	1	01/15/2026	B26A0560	S26A0378
4-Chlorophenyl-phenylether	ND	0.0279		mg/Kg dry	1	01/15/2026	B26A0560	S26A0378
2,2´-oxybis(1-chloropropane)	ND	0.744		mg/Kg dry	1	01/15/2026	B26A0560	S26A0378
Chrysene	**0.0273**	0.0186		mg/Kg dry	1	01/15/2026	B26A0560	S26A0378
Dibenzo(a,h)anthracene	ND	0.0279		mg/Kg dry	1	01/15/2026	B26A0560	S26A0378
Dibenzofuran	ND	0.0279		mg/Kg dry	1	01/15/2026	B26A0560	S26A0378
1,2-Dichlorobenzene	ND	0.0279		mg/Kg dry	1	01/15/2026	B26A0560	S26A0378
1,3-Dichlorobenzene	ND	0.0279		mg/Kg dry	1	01/15/2026	B26A0560	S26A0378
1,4-Dichlorobenzene	ND	0.0279		mg/Kg dry	1	01/15/2026	B26A0560	S26A0378
3,3´-Dichlorobenzidine	ND	0.112		mg/Kg dry	1	01/15/2026	B26A0560	S26A0378
2,4-Dichlorophenol	ND	0.0186		mg/Kg dry	1	01/15/2026	B26A0560	S26A0378
Diethyl phthalate	ND	0.186		mg/Kg dry	1	01/15/2026	B26A0560	S26A0378
Dimethyl phthalate	ND	0.0186		mg/Kg dry	1	01/15/2026	B26A0560	S26A0378
2,4-Dimethylphenol	ND	0.0558		mg/Kg dry	1	01/15/2026	B26A0560	S26A0378
Di-n-butyl phthalate	ND	0.0558		mg/Kg dry	1	01/15/2026	B26A0560	S26A0378
4,6-Dinitro-2-methylphenol	ND	0.744		mg/Kg dry	1	01/15/2026	B26A0560	S26A0378
2,4-Dinitrophenol	ND	0.186		mg/Kg dry	1	01/15/2026	B26A0560	S26A0378
2,4-Dinitrotoluene	ND	0.0279		mg/Kg dry	1	01/15/2026	B26A0560	S26A0378

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 1/21/2026
Date Printed: 1/21/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0461
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-3-1112
Collection Date: 01/14/2026 10:30
Matrix: Soil

Lab ID: O26A0461-02 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Semivolatile Organic Compounds by GC/MSW8270D / SW3550				Prep Date: **01/15/2026**		Analyst: **TM1**		
ILEPA 100256								
2,6-Dinitrotoluene	ND	0.0186		mg/Kg dry	1	01/15/2026	B26A0560	S26A0378
Di-n-octyl phthalate	ND	0.0279		mg/Kg dry	1	01/15/2026	B26A0560	S26A0378
Fluoranthene	ND	0.0279		mg/Kg dry	1	01/15/2026	B26A0560	S26A0378
Fluorene	ND	0.0186		mg/Kg dry	1	01/15/2026	B26A0560	S26A0378
Hexachlorobenzene	ND	0.0186		mg/Kg dry	1	01/15/2026	B26A0560	S26A0378
Hexachlorobutadiene	ND	0.0372		mg/Kg dry	1	01/15/2026	B26A0560	S26A0378
Hexachlorocyclopentadiene	ND	0.744	Q	mg/Kg dry	1	01/15/2026	B26A0560	S26A0378
Hexachloroethane	ND	0.0372		mg/Kg dry	1	01/15/2026	B26A0560	S26A0378
Indeno(1,2,3-cd)pyrene	ND	0.0279		mg/Kg dry	1	01/15/2026	B26A0560	S26A0378
Isophorone	ND	0.0279		mg/Kg dry	1	01/15/2026	B26A0560	S26A0378
2-Methylnaphthalene	**0.0416**	0.0279		mg/Kg dry	1	01/15/2026	B26A0560	S26A0378
2-Methylphenol	ND	0.00931		mg/Kg dry	1	01/15/2026	B26A0560	S26A0378
3 & 4-Methylphenol	ND	0.0372		mg/Kg dry	1	01/15/2026	B26A0560	S26A0378
Naphthalene	ND	0.0279		mg/Kg dry	1	01/15/2026	B26A0560	S26A0378
2-Nitroaniline	ND	0.0279		mg/Kg dry	1	01/15/2026	B26A0560	S26A0378
3-Nitroaniline	ND	0.0279		mg/Kg dry	1	01/15/2026	B26A0560	S26A0378
4-Nitroaniline	ND	0.0372		mg/Kg dry	1	01/15/2026	B26A0560	S26A0378
Nitrobenzene	ND	0.0372		mg/Kg dry	1	01/15/2026	B26A0560	S26A0378
2-Nitrophenol	ND	0.0279		mg/Kg dry	1	01/15/2026	B26A0560	S26A0378
4-Nitrophenol	ND	0.744		mg/Kg dry	1	01/15/2026	B26A0560	S26A0378
N-Nitrosodimethylamine	ND	0.0372		mg/Kg dry	1	01/15/2026	B26A0560	S26A0378
N-Nitrosodi-n-propylamine	ND	0.00873		mg/Kg dry	1	01/15/2026	B26A0560	S26A0378
N-Nitrosodiphenylamine	ND	0.0279		mg/Kg dry	1	01/15/2026	B26A0560	S26A0378
Pentachlorophenol	ND	0.0259		mg/Kg dry	1	01/15/2026	B26A0560	S26A0378
Phenanthrene	**0.0723**	0.0279		mg/Kg dry	1	01/15/2026	B26A0560	S26A0378
Phenol	ND	0.0372		mg/Kg dry	1	01/15/2026	B26A0560	S26A0378
Pyrene	**0.0329**	0.0279		mg/Kg dry	1	01/15/2026	B26A0560	S26A0378
Pyridine	ND	0.744		mg/Kg dry	1	01/15/2026	B26A0560	S26A0378
1,2,4-Trichlorobenzene	ND	0.0279		mg/Kg dry	1	01/15/2026	B26A0560	S26A0378
2,4,5-Trichlorophenol	ND	0.0186		mg/Kg dry	1	01/15/2026	B26A0560	S26A0378
2,4,6-Trichlorophenol	ND	0.0186		mg/Kg dry	1	01/15/2026	B26A0560	S26A0378

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 1/21/2026
Date Printed: 1/21/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0461
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-3-1112
Collection Date: 01/14/2026 10:30
Matrix: Soil

Lab ID: O26A0461-02 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Polychlorinated Biphenyls (PCBs) by GC/ESW8082A / SW3546				Prep Date: **01/15/2026**		Analyst: **YC1**		
ILEPA 100256								
Aroclor 1016	ND	0.0247		mg/Kg dry	1	01/16/2026	B26A0564	S26A0400
Aroclor 1221	ND	0.0741		mg/Kg dry	1	01/16/2026	B26A0564	S26A0400
Aroclor 1232	ND	0.0988		mg/Kg dry	1	01/16/2026	B26A0564	S26A0400
Aroclor 1242	ND	0.0370		mg/Kg dry	1	01/16/2026	B26A0564	S26A0400
Aroclor 1248	ND	0.0370		mg/Kg dry	1	01/16/2026	B26A0564	S26A0400
Aroclor 1254	ND	0.0247		mg/Kg dry	1	01/16/2026	B26A0564	S26A0400
Aroclor 1260	ND	0.0370		mg/Kg dry	1	01/16/2026	B26A0564	S26A0400
Organochlorine Pesticides by GC/ECD	**SW8081B / SW3546**			Prep Date: **01/15/2026**		Analyst: **ER3**		
ILEPA 100256								
4,4'-DDD	ND	0.00988		mg/Kg dry	1	01/15/2026	B26A0565	S26A0364
4,4'-DDE	ND	0.00494		mg/Kg dry	1	01/15/2026	B26A0565	S26A0364
4,4'-DDT	ND	0.00988		mg/Kg dry	1	01/15/2026	B26A0565	S26A0364
Aldrin	ND	0.00494		mg/Kg dry	1	01/15/2026	B26A0565	S26A0364
alpha-BHC	ND	0.00494		mg/Kg dry	1	01/15/2026	B26A0565	S26A0364
alpha-Chlordane	ND	0.00494		mg/Kg dry	1	01/15/2026	B26A0565	S26A0364
beta-BHC	ND	0.00988		mg/Kg dry	1	01/15/2026	B26A0565	S26A0364
Chlordane	ND	0.0494		mg/Kg dry	1	01/15/2026	B26A0565	S26A0364
delta-BHC	ND	0.00494		mg/Kg dry	1	01/15/2026	B26A0565	S26A0364
Dieldrin	ND	0.00494		mg/Kg dry	1	01/15/2026	B26A0565	S26A0364
Endosulfan I	ND	0.00494		mg/Kg dry	1	01/15/2026	B26A0565	S26A0364
Endosulfan II	ND	0.00494		mg/Kg dry	1	01/15/2026	B26A0565	S26A0364
Endosulfan sulfate	ND	0.00988		mg/Kg dry	1	01/15/2026	B26A0565	S26A0364
Endrin	ND	0.00494		mg/Kg dry	1	01/15/2026	B26A0565	S26A0364
Endrin aldehyde	ND	0.00988		mg/Kg dry	1	01/15/2026	B26A0565	S26A0364
Endrin ketone	ND	0.00988		mg/Kg dry	1	01/15/2026	B26A0565	S26A0364
gamma-BHC	ND	0.00494		mg/Kg dry	1	01/15/2026	B26A0565	S26A0364
gamma-Chlordane	ND	0.00988		mg/Kg dry	1	01/15/2026	B26A0565	S26A0364
Heptachlor	ND	0.00494		mg/Kg dry	1	01/15/2026	B26A0565	S26A0364
Heptachlor epoxide	ND	0.00494		mg/Kg dry	1	01/15/2026	B26A0565	S26A0364
Methoxychlor	ND	0.00988		mg/Kg dry	1	01/15/2026	B26A0565	S26A0364
Toxaphene	ND	0.600		mg/Kg dry	1	01/15/2026	B26A0565	S26A0364

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 1/21/2026
Date Printed: 1/21/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0461
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-3-1112
Collection Date: 01/14/2026 10:30
Matrix: Soil

Lab ID: O26A0461-02 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Herbicides by HPLC		**SW8321B / SW3546**		Prep Date:	**01/15/2026**	Analyst: **JPP**		
ILEPA 100256								
2,4,5-TP (Silvex)	ND	0.250		mg/Kg dry	1	01/16/2026	B26A0601	S26A0423
2,4-D	ND	0.250		mg/Kg dry	1	01/16/2026	B26A0601	S26A0423
Dalapon	ND	0.850		mg/Kg dry	1	01/16/2026	B26A0601	S26A0423
Dinoseb	ND	0.250		mg/Kg dry	1	01/19/2026	B26A0601	S26A0426
Picloram	ND	0.125	*	mg/Kg dry	1	01/16/2026	B26A0601	S26A0423
Metals by ICP-MS		**SW6020 B / SW3050**		Prep Date:	**01/15/2026**	Analyst: **MS6**		
ILEPA 100256								
Aluminum	**7,280**	12.4		mg/Kg dry	10	01/15/2026	B26A0597	S26A0371
Antimony	ND	1.24		mg/Kg dry	10	01/16/2026	B26A0597	S26A0397
Arsenic	**6.53**	0.621		mg/Kg dry	10	01/15/2026	B26A0597	S26A0371
Barium	**37.3**	0.621		mg/Kg dry	10	01/15/2026	B26A0597	S26A0371
Beryllium	**0.446**	0.310		mg/Kg dry	10	01/15/2026	B26A0597	S26A0371
Cadmium	ND	0.310		mg/Kg dry	10	01/15/2026	B26A0597	S26A0371
Calcium	**43,000**	37.2		mg/Kg dry	10	01/15/2026	B26A0597	S26A0371
Chromium	**14.4**	0.621		mg/Kg dry	10	01/15/2026	B26A0597	S26A0371
Cobalt	**10.2**	0.621		mg/Kg dry	10	01/15/2026	B26A0597	S26A0371
Copper	**21.5**	1.55		mg/Kg dry	10	01/15/2026	B26A0597	S26A0371
Iron	**17,600**	18.6		mg/Kg dry	10	01/15/2026	B26A0597	S26A0371
Lead	**11.7**	0.310		mg/Kg dry	10	01/15/2026	B26A0597	S26A0371
Magnesium	**20,600**	18.6		mg/Kg dry	10	01/15/2026	B26A0597	S26A0371
Manganese	**307**	0.621		mg/Kg dry	10	01/15/2026	B26A0597	S26A0371
Nickel	**26.1**	0.621		mg/Kg dry	10	01/15/2026	B26A0597	S26A0371
Potassium	**1,740**	18.6		mg/Kg dry	10	01/15/2026	B26A0597	S26A0371
Selenium	ND	0.621		mg/Kg dry	10	01/15/2026	B26A0597	S26A0371
Silver	ND	0.621		mg/Kg dry	10	01/15/2026	B26A0597	S26A0371
Sodium	**503**	37.2		mg/Kg dry	10	01/15/2026	B26A0597	S26A0371
Thallium	ND	0.621		mg/Kg dry	10	01/15/2026	B26A0597	S26A0371
Vanadium	**15.0**	0.621		mg/Kg dry	10	01/15/2026	B26A0597	S26A0371
Zinc	**38.4**	0.497		mg/Kg dry	10	01/15/2026	B26A0597	S26A0371
Mercury by CVAA		**SW7471B**		Prep Date:	**01/15/2026**	Analyst: **NB3**		
ILEPA 100256								
Mercury	ND	0.0607		mg/Kg dry	1	01/15/2026	B26A0590	S26A0347
Wet Chemistry		**SM2540G**		Prep Date:	**01/16/2026**	Analyst: **VE1**		
Total Solids	**79.9**	0.100	*	% (Percent)	1	01/17/2026	B26A0643	

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 1/21/2026
Date Printed: 1/21/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0461
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-3-1112
Collection Date: 01/14/2026 10:30
Matrix: Soil

Lab ID: O26A0461-02 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Wet Chemistry		**SW9014 / SW9010B**		Prep Date: **01/15/2026**		Analyst: **LN2**		
ILEPA 100256								
Cyanide	ND	0.295		mg/Kg dry	1	01/15/2026	B26A0582	S26A0341
Wet Chemistry		**SW9045D**		Prep Date: **01/15/2026**		Analyst: **BW1**		
ILEPA 100256								
pH measured in water at reported temperature	**7.77**			pH Units	1	01/15/2026	B26A0584	
pH Temperature	**18.8**			°C	1	01/15/2026	B26A0584	

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated method blank
HT - Sample received past holding time
J1 - Estimated result based on MS/MSD results
* - Non-accredited parameter
RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
P - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded
Q - Quality control issue. Please see case narrative

sterling labs
2242 W. Harrison St., Suite 200, Chicago, IL 60612 Phone: (312
509 N. 3rd Ave., Des Plaines, IL 60016 Phone: (800) 246-0663
info@thesterlinglab.com

CHAIN OF CU

O26A0461
PM:Laura Dudek
GSG Consultants, Inc

No: #108710 **Page :** 1 **of** 1

Company: GSG Consultants
Project Number: 25-2103 Client Tracking No.:
Project Name: UIC Drug Discovery Center
Project Location: 820 S. Pauling
Sampler(s): MN
Report To: Michael Nuccio Phone:
Ted Cagney Fax: mnuccio@gsg-cons.com
QC Level: 1 2 3 4 e-mail: tcagney

P.O. No.:
Quote No.:
Turn Around Time (Days): 1 2 3 4 5-7 10
Results Needed: / / am/pm

Client Sample Number/Description:	Date Taken	Time Taken	Matrix	Comp.	Grab	Preserv.	No. of Containers	TCL	Pest	Herb	pH	Remarks	Lab No.:
B-3-0304	1/14/26	10:15	soil		X		5	X	X	X	X		01A-E
B-3-1112	1/14/26	10:30	soil		X		5	X	X	X	X		02A-E

Relinquished by: (Signature) Michael Nuccio Date/Time: 1/14/26 12:48
Received by: (Signature) MP Date/Time: 1/14/26 12:48 CMI
Relinquished by: (Signature) Date/Time: 1/14/26 15:00
Received by: (Signature) Date/Time: 1-14-26 15:00
Relinquished by: (Signature) Date/Time: 1-14-26 15:54
Received by: (Signature) Date/Time: 1.14.26 1554

Comments:

Preservation Code: A = None B = HNO_3 C = NaOH D = H_2SO_4 E = HCl F = 5035/EnCore G = Other

Laboratory Work Order No.: O26A0461

Received on Ice: Yes [X] No [ ]
Temperature: On Ice °C CMI

Sample Receipt Checklist

Work Order: O26A0461

Printed: 1/14/2026 6:47:47PM

Client: GSG Consultants, Inc.
Project: Analytical Testing

Date Due: Wednesday, January 21, 2026

Received By: Miranda Padgett
Logged In By: Lucas Demari

Date Received: 1/14/2026 10:48:00AM
Date Logged In: 1/14/2026 6:40:00PM

Cooler Name: Default Cooler

How were samples received: Courier

Cooler temperature at or below 6 degrees Celsius: NA

Chain of Custody present and properly completed : Yes

Turn Around Time is indicated and specified: Yes

Chain of Custody agrees with sample labels: Yes

Samples received within hold time: Yes

Proper sample containers received intact: Yes

Sufficient sample volume: Yes

Containers properly preserved: Yes

Custody seals present: No

Volatile water vials received: No

Sample Receipt Comments

Work Order: O26A0461

The samples were received on 1/14/2026 10:48:00 AM.

The samples were received in good condition and were properly preserved.

The following coolers were received containing ice and the samples were collecte
the same day: Default Cooler

The samples were received within acceptable criteria.

Samples going out of hold time within 24 hours:

LD — Reviewed By:

1/14/26 — Date:

sterling labs - O'Hare Location

509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

January 23, 2026

GSG Consultants, Inc.
735 Remington Road
Schaumburg, IL 60173

Telephone: (630) 994-2600
Fax: (630) 994-2699

Analytical Report for Work Order: O26A0489 Revision 0

RE: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Dear GSG Consultants, Inc.:

Sterling Labs has received 9 samples for the referenced project on January 15, 2026 13:48. The analytical results are presented in the following report.

All analyses were performed in accordance with the requirements of 35 IAC Pat 186 / TNI standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (847) 967-6666.

Sincerely,



Laura Dudek
Environmental Project Manager

The information contained in this report and any attachments is confidential information intended only for the use of the individual or entities named above. The results of this report relate only to the samples as received and tested. Sterling Labs is not responsible for customer provided information found in the report that is used to calculate final results. If you have received this report in error, please notify us immediately by phone. This report shall not be reproduced, except in its entirety, unless written approval has been obtained from the laboratory. This analytical report shall become property of the Customer upon payment in full. Otherwise, Sterling Labs will be under no obligation to support, defend or dicuss the analytical report

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Customer: GSG Consultants, Inc.

Proiect: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Work Order Sample Summary

WorkOrder: O26A0489

Laboratory ID	Sample ID	Tag Number	Collection Date	Date Received
O26A0489-01	B-1-0506		01/15/26 09:00	01/15/26 13:48
O26A0489-02	B-1-1213		01/15/26 09:15	01/15/26 13:48
O26A0489-03	B-4-0607		01/15/26 08:55	01/15/26 13:48
O26A0489-04	B-6-0607		01/15/26 08:50	01/15/26 13:48
O26A0489-05	B-6-0910		01/15/26 09:10	01/15/26 13:48
O26A0489-06	B-9-0809		01/15/26 11:40	01/15/26 13:48
O26A0489-07	B-10-0607		01/15/26 12:50	01/15/26 13:48
O26A0489-08	B-10-1112		01/15/26 12:55	01/15/26 13:48
O26A0489-09	B-2-1314		01/15/26 13:15	01/15/26 13:48

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Customer: GSG Consultants, Inc.

Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Case Narrative

WorkOrder: O26A0489

Work Order: O26A0489
The samples were received on 1/15/2026 01:48:00 PM.

The following coolers were received containing ice and the samples were collected the same day:
2023-09

The samples were received within acceptable criteria.

GC Semivolatiles

8082 PCB
The following exceptions were found in the CCV, BS and/or BSD associated with the samples.

Sample ID	Analyte	% R	LCL	UCL	RPD	RPDL
S26A0449-CCV2	Decachlorobiphenyl	123	80	120		

HPLC Semivolatiles

8321 Herb
The reporting limit for Dalapon was lowered to the TACO limit.

The following exceptions were found for the sample surrogate.

Sample ID	Analyte	% R	LCL	UCL
O26A0489-02	2,4-Dichlorophenylacetic acid	33	37	128
O26A0489-04	2,4-Dichlorophenylacetic acid	31	37	128
O26A0489-06	2,4-Dichlorophenylacetic acid	34	37	128
O26A0489-07	2,4-Dichlorophenylacetic acid	30	37	128
O26A0489-08	2,4-Dichlorophenylacetic acid	26	37	128

O26A0489-09: During preparation of the sample, following standard practice, the final volume for the extract is 1.0mL. Due to matrix, the laboratory could not concentrate below 10.0mL. As a result, reporting limits are elevated. The reporting limit for Dalapon was lowered to the MDL.

6020 Metals

The metals Matrix Spike/Matrix Spike Duplicate (MS/MSD) prepared from sample B-6-0910 (O26A0489-05) had the following outside control limits:

Antimony: 0%/8% (MS/MSD) recovery (QC limits 75-125%)
Barium: 135% (MSD) recovery (QC limits 75-125%)
Lead: 20%/33% (MS/MSD) recovery (QC limits 75-125%)
Potassium: 337%/405% (MS/MSD) recovery (QC limits 75-125%)
Zinc: 144% (MSD) recovery (QC limits 75-125%)

The MS/MSD had recovery of other analytes outside of control limits, however the analyte concentration in the sample was greater than four times the spiking level for those elements.

GCMS Semivolatiles

8270 SVOC
The following exceptions were found in the CCV, BS and/or BSD associated with the samples.

Sample ID	Analyte	% R	LCL	UCL	RPD	RPDL
S26A0472-CCV1	Benzoic acid	79	80	120		
S26A0472-CCV1	Hexachlorocyclopentadiene	55	80	120		

O26A0489-03: The sample was analyzed at a 4x dilution due to the matrix of the extract. As a result, reporting limits are elevated. The detection level for Benzo(a)pyrene and Dibenzo(a,h)anthracene were lowered to the TACO limit.

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 1/23/2026
Date Printed: 1/23/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0489
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-1-0506
Collection Date: 01/15/2026 09:00
Matrix: Soil

Lab ID: O26A0489-01

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Volatile Organic Compounds by GC/MS	**SW8260B / SW5035**			Prep Date:	**01/19/2026**		Analyst: **CP1**	
ILEPA 100256								
Acetone	ND	0.0805		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Benzene	ND	0.00500		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Bromodichloromethane	ND	0.00230		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Bromoform	ND	0.00460		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Bromomethane	ND	0.0230		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
2-Butanone	ND	0.0322		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Carbon disulfide	ND	0.00460		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Carbon tetrachloride	ND	0.0230		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Chlorobenzene	ND	0.00460		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Chloroethane	ND	0.00920		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Chloroform	ND	0.00460		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Chloromethane	ND	0.00920		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Dibromochloromethane	ND	0.00230		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,1-Dichloroethane	ND	0.00460		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,2-Dichloroethane	ND	0.00230		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,1-Dichloroethene	ND	0.00230		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
cis-1,2-Dichloroethene	ND	0.00460		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
trans-1,2-Dichloroethene	ND	0.00460		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,2-Dichloropropane	ND	0.00230		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
cis-1,3-Dichloropropene	ND	0.00400		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
trans-1,3-Dichloropropene	ND	0.00400		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Ethylbenzene	ND	0.00920		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
2-Hexanone	ND	0.0322		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
4-Methyl-2-pentanone	ND	0.0322		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Methylene chloride	ND	0.0200		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Methyl tert-butyl ether	ND	0.00230		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Styrene	ND	0.00920		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,1,2,2-Tetrachloroethane	ND	0.00230		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Tetrachloroethene	ND	0.00460		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Toluene	ND	0.00500		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,1,1-Trichloroethane	ND	0.00230		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,1,2-Trichloroethane	ND	0.00230		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Trichloroethene	ND	0.00230		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Vinyl chloride	ND	0.00460		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Xylenes, Total	ND	0.0138		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 1/23/2026
Date Printed: 1/23/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0489
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-1-0506
Collection Date: 01/15/2026 09:00
Matrix: Soil

Lab ID: O26A0489-01 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Semivolatile Organic Compounds by GC/MSW8270D / SW3550				Prep Date: **01/16/2026**		Analyst: **TM1**		
ILEPA 100256								
Acenaphthene	**0.0285**	0.0180		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Acenaphthylene	**0.0663**	0.0180		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Aniline	ND	0.180		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Anthracene	**0.154**	0.0270		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Benzo(a)anthracene	**0.466**	0.0270		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Benzidine	ND	3.00		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Benzo(a)pyrene	**0.488**	0.0720		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Benzo(b)fluoranthene	**0.540**	0.0270		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Benzo(g,h,i)perylene	**0.274**	0.0360		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Benzo(k)fluoranthene	**0.184**	0.0360		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Benzoic acid	ND	1.44	Q	mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Benzyl alcohol	ND	0.0270		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Bis(2-chloroethoxy)methane	ND	0.0180		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Bis(2-chloroethyl)ether	ND	0.00900		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Bis(2-ethylhexyl)phthalate	ND	0.180		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
4-Bromophenyl-phenylether	ND	0.0270		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Butyl benzyl phthalate	ND	0.0540		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Carbazole	**0.0354**	0.0180		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
4-Chloroaniline	ND	0.0270		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
4-Chloro-3-methylphenol	ND	0.0180		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
2-Chloronaphthalene	ND	0.0180		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
2-Chlorophenol	ND	0.0180		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
4-Chlorophenyl-phenylether	ND	0.0270		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
2,2´-oxybis(1-chloropropane)	ND	0.720		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Chrysene	**0.468**	0.0180		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Dibenzo(a,h)anthracene	**0.0729**	0.0270		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Dibenzofuran	**0.0321**	0.0270		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
1,2-Dichlorobenzene	ND	0.0270		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
1,3-Dichlorobenzene	ND	0.0270		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
1,4-Dichlorobenzene	ND	0.0270		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
3,3´-Dichlorobenzidine	ND	0.108		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
2,4-Dichlorophenol	ND	0.0180		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Diethyl phthalate	ND	0.180		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Dimethyl phthalate	ND	0.0180		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
2,4-Dimethylphenol	ND	0.0540		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Di-n-butyl phthalate	ND	0.0540		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
4,6-Dinitro-2-methylphenol	ND	0.720		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
2,4-Dinitrophenol	ND	0.180		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
2,4-Dinitrotoluene	ND	0.0270		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 1/23/2026
Date Printed: 1/23/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0489
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-1-0506
Collection Date: 01/15/2026 09:00
Matrix: Soil

Lab ID: O26A0489-01 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Semivolatile Organic Compounds by GC/MSW8270D / SW3550				Prep Date: **01/16/2026**		Analyst: **TM1**		
ILEPA 100256								
2,6-Dinitrotoluene	ND	0.0180		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Di-n-octyl phthalate	ND	0.0270		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Fluoranthene	**0.898**	0.0270		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Fluorene	**0.0636**	0.0180		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Hexachlorobenzene	ND	0.0180		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Hexachlorobutadiene	ND	0.0360		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Hexachlorocyclopentadiene	ND	0.720	Q	mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Hexachloroethane	ND	0.0360		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Indeno(1,2,3-cd)pyrene	**0.278**	0.0270		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Isophorone	ND	0.0270		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
2-Methylnaphthalene	**0.0300**	0.0270		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
2-Methylphenol	ND	0.00900		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
3 & 4-Methylphenol	ND	0.0360		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Naphthalene	**0.0273**	0.0270		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
2-Nitroaniline	ND	0.0270		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
3-Nitroaniline	ND	0.0270		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
4-Nitroaniline	ND	0.0360		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Nitrobenzene	ND	0.0360		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
2-Nitrophenol	ND	0.0270		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
4-Nitrophenol	ND	0.720		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
N-Nitrosodimethylamine	ND	0.0360		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
N-Nitrosodi-n-propylamine	ND	0.00844		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
N-Nitrosodiphenylamine	ND	0.0270		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Pentachlorophenol	ND	0.0250		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Phenanthrene	**0.786**	0.0270		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Phenol	ND	0.0360		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Pyrene	**1.10**	0.0270		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Pyridine	ND	0.720		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
1,2,4-Trichlorobenzene	ND	0.0270		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
2,4,5-Trichlorophenol	ND	0.0180		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
2,4,6-Trichlorophenol	ND	0.0180		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 1/23/2026
Date Printed: 1/23/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0489
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-1-0506
Collection Date: 01/15/2026 09:00
Matrix: Soil

Lab ID: O26A0489-01 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Polychlorinated Biphenyls (PCBs) by GC/ESW8082A / SW3546				Prep Date: **01/19/2026**		Analyst: **YC1**		
ILEPA 100256								
Aroclor 1016	ND	0.0236		mg/Kg dry	1	01/19/2026	B26A0679	S26A0451
Aroclor 1221	ND	0.0707		mg/Kg dry	1	01/19/2026	B26A0679	S26A0451
Aroclor 1232	ND	0.0942		mg/Kg dry	1	01/19/2026	B26A0679	S26A0451
Aroclor 1242	ND	0.0353		mg/Kg dry	1	01/19/2026	B26A0679	S26A0451
Aroclor 1248	ND	0.0353		mg/Kg dry	1	01/19/2026	B26A0679	S26A0451
Aroclor 1254	ND	0.0236		mg/Kg dry	1	01/19/2026	B26A0679	S26A0451
Aroclor 1260	ND	0.0353		mg/Kg dry	1	01/19/2026	B26A0679	S26A0451
Organochlorine Pesticides by GC/ECD	**SW8081B / SW3546**			Prep Date: **01/16/2026**		Analyst: **ER3**		
ILEPA 100256								
4,4'-DDD	ND	0.00931		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
4,4'-DDE	ND	0.00466		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
4,4'-DDT	ND	0.00931		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Aldrin	ND	0.00466		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
alpha-BHC	ND	0.00466		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
alpha-Chlordane	ND	0.00466		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
beta-BHC	ND	0.00931		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Chlordane	ND	0.0466		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
delta-BHC	ND	0.00466		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Dieldrin	ND	0.00466		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Endosulfan I	ND	0.00466		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Endosulfan II	ND	0.00466		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Endosulfan sulfate	ND	0.00931		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Endrin	ND	0.00466		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Endrin aldehyde	ND	0.00931		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Endrin ketone	ND	0.00931		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
gamma-BHC	ND	0.00466		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
gamma-Chlordane	ND	0.00931		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Heptachlor	ND	0.00466		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Heptachlor epoxide	ND	0.00466		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Methoxychlor	ND	0.00931		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Toxaphene	ND	0.582		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 1/23/2026
Date Printed: 1/23/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0489
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-1-0506
Collection Date: 01/15/2026 09:00
Matrix: Soil

Lab ID: O26A0489-01 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Herbicides by HPLC		**SW8321B / SW3546**		Prep Date:	**01/16/2026**	Analyst: **JPP**		
ILEPA 100256								
2,4,5-TP (Silvex)	ND	0.240		mg/Kg dry	1	01/19/2026	B26A0601	S26A0456
2,4-D	ND	0.240		mg/Kg dry	1	01/19/2026	B26A0601	S26A0456
Dalapon	ND	0.850		mg/Kg dry	1	01/19/2026	B26A0601	S26A0456
Dinoseb	ND	0.240		mg/Kg dry	1	01/20/2026	B26A0601	S26A0498
Picloram	ND	0.120	*	mg/Kg dry	1	01/19/2026	B26A0601	S26A0456
Metals by ICP-MS		**SW6020 B / SW3050**		Prep Date:	**01/19/2026**	Analyst: **MS6**		
ILEPA 100256								
Aluminum	**9,160**	12.0		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Antimony	ND	1.20		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Arsenic	**7.69**	0.598		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Barium	**96.8**	0.598		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Beryllium	**0.776**	0.299		mg/Kg dry	10	01/20/2026	B26A0730	S26A0511
Cadmium	**0.529**	0.299		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Calcium	**19,700**	35.9		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Chromium	**16.8**	0.598		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Cobalt	**11.4**	0.598		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Copper	**40.4**	1.50		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Iron	**19,100**	17.9		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Lead	**200**	0.299		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Magnesium	**9,150**	17.9		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Manganese	**755**	0.598		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Nickel	**25.4**	0.598		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Potassium	**1,360**	17.9		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Selenium	ND	0.598		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Silver	ND	0.598		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Sodium	**476**	35.9		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Thallium	ND	0.598		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Vanadium	**21.8**	0.598		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Zinc	**111**	0.479		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Mercury by CVAA		**SW7471B**		Prep Date:	**01/19/2026**	Analyst: **NB3**		
ILEPA 100256								
Mercury	**0.489**	0.117		mg/Kg dry	2	01/19/2026	B26A0709	S26A0430
Wet Chemistry		**SM2540G**		Prep Date:	**01/20/2026**	Analyst: **HR1**		
Total Solids	**83.1**	0.100	*	% (Percent)	1	01/21/2026	B26A0769	

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 1/23/2026
Date Printed: 1/23/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0489
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-1-0506
Collection Date: 01/15/2026 09:00
Matrix: Soil

Lab ID: O26A0489-01 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Wet Chemistry	**SW9014 / SW9010B**			Prep Date: **01/19/2026**		Analyst: **LN2**		
ILEPA 100256								
Cyanide	ND	0.279		mg/Kg dry	1	01/20/2026	B26A0738	S26A0457
Wet Chemistry	**SW9045D**			Prep Date: **01/16/2026**		Analyst: **BW1**		
ILEPA 100256								
pH measured in water at reported temperature	**8.01**			pH Units	1	01/16/2026	B26A0640	
pH Temperature	**18.9**			°C	1	01/16/2026	B26A0640	

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 1/23/2026
Date Printed: 1/23/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0489
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-1-1213
Collection Date: 01/15/2026 09:15
Matrix: Soil

Lab ID: O26A0489-02

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Volatile Organic Compounds by GC/MS	**SW8260B / SW5035**			Prep Date:	**01/19/2026**		Analyst: **CP1**	
ILEPA 100256								
Acetone	ND	0.0691		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Benzene	ND	0.00500		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Bromodichloromethane	ND	0.00197		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Bromoform	ND	0.00395		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Bromomethane	ND	0.0197		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
2-Butanone	ND	0.0276		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Carbon disulfide	ND	0.00395		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Carbon tetrachloride	ND	0.0197		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Chlorobenzene	ND	0.00395		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Chloroethane	ND	0.00790		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Chloroform	ND	0.00395		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Chloromethane	ND	0.00790		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Dibromochloromethane	ND	0.00197		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,1-Dichloroethane	ND	0.00395		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,2-Dichloroethane	ND	0.00197		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,1-Dichloroethene	ND	0.00197		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
cis-1,2-Dichloroethene	ND	0.00395		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
trans-1,2-Dichloroethene	ND	0.00395		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,2-Dichloropropane	ND	0.00197		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
cis-1,3-Dichloropropene	ND	0.00395		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
trans-1,3-Dichloropropene	ND	0.00395		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Ethylbenzene	ND	0.00790		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
2-Hexanone	ND	0.0276		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
4-Methyl-2-pentanone	ND	0.0276		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Methylene chloride	ND	0.0197		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Methyl tert-butyl ether	ND	0.00197		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Styrene	ND	0.00790		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,1,2,2-Tetrachloroethane	ND	0.00197		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Tetrachloroethene	ND	0.00395		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Toluene	ND	0.00500		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,1,1-Trichloroethane	ND	0.00197		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,1,2-Trichloroethane	ND	0.00197		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Trichloroethene	ND	0.00197		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Vinyl chloride	ND	0.00395		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Xylenes, Total	ND	0.0118		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 1/23/2026
Date Printed: 1/23/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0489
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-1-1213
Collection Date: 01/15/2026 09:15
Matrix: Soil

Lab ID: O26A0489-02 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Semivolatile Organic Compounds by GC/MSW8270D / SW3550				Prep Date: **01/16/2026**		Analyst: **TM1**		
ILEPA 100256								
Acenaphthene	ND	0.0185		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Acenaphthylene	**0.0370**	0.0185		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Aniline	ND	0.185		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Anthracene	**0.0422**	0.0277		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Benzo(a)anthracene	**0.141**	0.0277		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Benzidine	ND	3.08		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Benzo(a)pyrene	**0.200**	0.0739		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Benzo(b)fluoranthene	**0.218**	0.0277		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Benzo(g,h,i)perylene	**0.140**	0.0370		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Benzo(k)fluoranthene	**0.0881**	0.0370		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Benzoic acid	ND	1.48	Q	mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Benzyl alcohol	ND	0.0277		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Bis(2-chloroethoxy)methane	ND	0.0185		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Bis(2-chloroethyl)ether	ND	0.00924		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Bis(2-ethylhexyl)phthalate	ND	0.185		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
4-Bromophenyl-phenylether	ND	0.0277		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Butyl benzyl phthalate	ND	0.0554		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Carbazole	ND	0.0185		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
4-Chloroaniline	ND	0.0277		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
4-Chloro-3-methylphenol	ND	0.0185		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
2-Chloronaphthalene	ND	0.0185		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
2-Chlorophenol	ND	0.0185		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
4-Chlorophenyl-phenylether	ND	0.0277		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
2,2´-oxybis(1-chloropropane)	ND	0.739		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Chrysene	**0.139**	0.0185		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Dibenzo(a,h)anthracene	**0.0388**	0.0277		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Dibenzofuran	ND	0.0277		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
1,2-Dichlorobenzene	ND	0.0277		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
1,3-Dichlorobenzene	ND	0.0277		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
1,4-Dichlorobenzene	ND	0.0277		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
3,3´-Dichlorobenzidine	ND	0.111		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
2,4-Dichlorophenol	ND	0.0185		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Diethyl phthalate	ND	0.185		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Dimethyl phthalate	ND	0.0185		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
2,4-Dimethylphenol	ND	0.0554		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Di-n-butyl phthalate	ND	0.0554		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
4,6-Dinitro-2-methylphenol	ND	0.739		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
2,4-Dinitrophenol	ND	0.185		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
2,4-Dinitrotoluene	ND	0.0277		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 1/23/2026
Date Printed: 1/23/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0489
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-1-1213
Collection Date: 01/15/2026 09:15
Matrix: Soil

Lab ID: O26A0489-02 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Semivolatile Organic Compounds by GC/MSW8270D / SW3550				Prep Date: **01/16/2026**		Analyst: **TM1**		
ILEPA 100256								
2,6-Dinitrotoluene	ND	0.0185		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Di-n-octyl phthalate	ND	0.0277		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Fluoranthene	**0.226**	0.0277		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Fluorene	ND	0.0185		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Hexachlorobenzene	ND	0.0185		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Hexachlorobutadiene	ND	0.0370		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Hexachlorocyclopentadiene	ND	0.739	Q	mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Hexachloroethane	ND	0.0370		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Indeno(1,2,3-cd)pyrene	**0.148**	0.0277		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Isophorone	ND	0.0277		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
2-Methylnaphthalene	ND	0.0277		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
2-Methylphenol	ND	0.00924		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
3 & 4-Methylphenol	ND	0.0370		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Naphthalene	ND	0.0277		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
2-Nitroaniline	ND	0.0277		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
3-Nitroaniline	ND	0.0277		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
4-Nitroaniline	ND	0.0370		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Nitrobenzene	ND	0.0370		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
2-Nitrophenol	ND	0.0277		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
4-Nitrophenol	ND	0.739		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
N-Nitrosodimethylamine	ND	0.0370		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
N-Nitrosodi-n-propylamine	ND	0.00867		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
N-Nitrosodiphenylamine	ND	0.0277		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Pentachlorophenol	ND	0.0257		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Phenanthrene	**0.135**	0.0277		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Phenol	ND	0.0370		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Pyrene	**0.249**	0.0277		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Pyridine	ND	0.739		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
1,2,4-Trichlorobenzene	ND	0.0277		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
2,4,5-Trichlorophenol	ND	0.0185		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
2,4,6-Trichlorophenol	ND	0.0185		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 1/23/2026
Date Printed: 1/23/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0489
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-1-1213
Collection Date: 01/15/2026 09:15
Matrix: Soil

Lab ID: O26A0489-02 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Polychlorinated Biphenyls (PCBs) by GC/ESW8082A / SW3546				Prep Date: **01/19/2026**		Analyst: **YC1**		
ILEPA 100256								
Aroclor 1016	ND	0.0245		mg/Kg dry	1	01/19/2026	B26A0679	S26A0451
Aroclor 1221	ND	0.0735		mg/Kg dry	1	01/19/2026	B26A0679	S26A0451
Aroclor 1232	ND	0.0981		mg/Kg dry	1	01/19/2026	B26A0679	S26A0451
Aroclor 1242	ND	0.0368		mg/Kg dry	1	01/19/2026	B26A0679	S26A0451
Aroclor 1248	ND	0.0368		mg/Kg dry	1	01/19/2026	B26A0679	S26A0451
Aroclor 1254	ND	0.0245		mg/Kg dry	1	01/19/2026	B26A0679	S26A0451
Aroclor 1260	ND	0.0368		mg/Kg dry	1	01/19/2026	B26A0679	S26A0451
Organochlorine Pesticides by GC/ECD	**SW8081B / SW3546**			Prep Date: **01/16/2026**		Analyst: **ER3**		
ILEPA 100256								
4,4'-DDD	ND	0.00960		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
4,4'-DDE	ND	0.00480		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
4,4'-DDT	ND	0.00960		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Aldrin	ND	0.00480		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
alpha-BHC	ND	0.00480		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
alpha-Chlordane	ND	0.00480		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
beta-BHC	ND	0.00960		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Chlordane	ND	0.0480		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
delta-BHC	ND	0.00480		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Dieldrin	ND	0.00480		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Endosulfan I	ND	0.00480		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Endosulfan II	ND	0.00480		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Endosulfan sulfate	ND	0.00960		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Endrin	ND	0.00480		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Endrin aldehyde	ND	0.00960		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Endrin ketone	ND	0.00960		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
gamma-BHC	ND	0.00480		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
gamma-Chlordane	ND	0.00960		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Heptachlor	ND	0.00480		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Heptachlor epoxide	ND	0.00480		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Methoxychlor	ND	0.00960		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Toxaphene	ND	0.600		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 1/23/2026
Date Printed: 1/23/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0489
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-1-1213
Collection Date: 01/15/2026 09:15
Matrix: Soil

Lab ID: O26A0489-02 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Herbicides by HPLC		**SW8321B / SW3546**		Prep Date:	**01/16/2026**	Analyst: **JPP**		
ILEPA 100256								
2,4,5-TP (Silvex)	ND	0.244		mg/Kg dry	1	01/19/2026	B26A0601	S26A0456
2,4-D	ND	0.244		mg/Kg dry	1	01/19/2026	B26A0601	S26A0456
Dalapon	ND	0.850		mg/Kg dry	1	01/19/2026	B26A0601	S26A0456
Dinoseb	ND	0.244		mg/Kg dry	1	01/20/2026	B26A0601	S26A0498
Picloram	ND	0.122	*	mg/Kg dry	1	01/19/2026	B26A0601	S26A0456
Metals by ICP-MS		**SW6020 B / SW3050**		Prep Date:	**01/19/2026**	Analyst: **MS6**		
ILEPA 100256								
Aluminum	**5,000**	12.3		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Antimony	ND	1.23		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Arsenic	**6.24**	0.614		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Barium	**40.5**	0.614		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Beryllium	**0.411**	0.307		mg/Kg dry	10	01/20/2026	B26A0730	S26A0511
Cadmium	ND	0.307		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Calcium	**32,300**	36.8		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Chromium	**11.2**	0.614		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Cobalt	**7.94**	0.614		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Copper	**31.7**	1.53		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Iron	**13,400**	18.4		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Lead	**49.4**	0.307		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Magnesium	**15,400**	18.4		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Manganese	**281**	0.614		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Nickel	**19.7**	0.614		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Potassium	**1,070**	18.4		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Selenium	ND	0.614		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Silver	ND	0.614		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Sodium	**200**	36.8		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Thallium	ND	0.614		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Vanadium	**11.8**	0.614		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Zinc	**62.9**	0.491		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Mercury by CVAA		**SW7471B**		Prep Date:	**01/19/2026**	Analyst: **NB3**		
ILEPA 100256								
Mercury	**0.682**	0.296		mg/Kg dry	5	01/19/2026	B26A0709	S26A0430
Wet Chemistry		**SM2540G**		Prep Date:	**01/20/2026**	Analyst: **HR1**		
Total Solids	**81.0**	0.100	*	% (Percent)	1	01/21/2026	B26A0769	

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 1/23/2026
Date Printed: 1/23/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0489
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-1-1213
Collection Date: 01/15/2026 09:15
Matrix: Soil

Lab ID: O26A0489-02 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Wet Chemistry	**SW9014 / SW9010B**			Prep Date: **01/19/2026**		Analyst: **LN2**		
ILEPA 100256								
Cyanide	ND	0.289		mg/Kg dry	1	01/20/2026	B26A0738	S26A0457
Wet Chemistry	**SW9045D**			Prep Date: **01/16/2026**		Analyst: **BW1**		
ILEPA 100256								
pH measured in water at reported temperature	**7.97**			pH Units	1	01/16/2026	B26A0640	
pH Temperature	**18.9**			°C	1	01/16/2026	B26A0640	

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 1/23/2026
Date Printed: 1/23/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0489
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-4-0607
Collection Date: 01/15/2026 08:55
Matrix: Soil

Lab ID: O26A0489-03

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Volatile Organic Compounds by GC/MS	**SW8260B / SW5035**			Prep Date:	**01/19/2026**		Analyst: **CP1**	
ILEPA 100256								
Acetone	ND	0.0849		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Benzene	ND	0.00500		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Bromodichloromethane	ND	0.00242		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Bromoform	ND	0.00485		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Bromomethane	ND	0.0242		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
2-Butanone	ND	0.0339		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Carbon disulfide	ND	0.00485		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Carbon tetrachloride	ND	0.0242		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Chlorobenzene	ND	0.00485		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Chloroethane	ND	0.00970		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Chloroform	ND	0.00485		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Chloromethane	ND	0.00970		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Dibromochloromethane	ND	0.00242		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,1-Dichloroethane	ND	0.00485		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,2-Dichloroethane	ND	0.00242		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,1-Dichloroethene	ND	0.00242		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
cis-1,2-Dichloroethene	ND	0.00485		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
trans-1,2-Dichloroethene	ND	0.00485		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,2-Dichloropropane	ND	0.00242		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
cis-1,3-Dichloropropene	ND	0.00400		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
trans-1,3-Dichloropropene	ND	0.00400		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Ethylbenzene	ND	0.00970		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
2-Hexanone	ND	0.0339		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
4-Methyl-2-pentanone	ND	0.0339		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Methylene chloride	ND	0.0200		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Methyl tert-butyl ether	ND	0.00242		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Styrene	ND	0.00970		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,1,2,2-Tetrachloroethane	ND	0.00242		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Tetrachloroethene	ND	0.00485		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Toluene	ND	0.00500		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,1,1-Trichloroethane	ND	0.00242		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,1,2-Trichloroethane	ND	0.00242		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Trichloroethene	ND	0.00242		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Vinyl chloride	ND	0.00485		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Xylenes, Total	ND	0.0145		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 1/23/2026
Date Printed: 1/23/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0489
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-4-0607
Collection Date: 01/15/2026 08:55
Matrix: Soil

Lab ID: O26A0489-03 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Semivolatile Organic Compounds by GC/MSW8270D / SW3550				Prep Date: **01/16/2026**		Analyst: **TM1**		
ILEPA 100256								
Acenaphthene	ND	0.0742		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
Acenaphthylene	ND	0.0742		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
Aniline	ND	0.742		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
Anthracene	ND	0.111		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
Benzo(a)anthracene	ND	0.111		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
Benzidine	ND	12.4		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
Benzo(a)pyrene	**0.116**	0.0900	J	mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
Benzo(b)fluoranthene	**0.113**	0.111		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
Benzo(g,h,i)perylene	ND	0.148		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
Benzo(k)fluoranthene	ND	0.148		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
Benzoic acid	ND	5.94	Q	mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
Benzyl alcohol	ND	0.111		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
Bis(2-chloroethoxy)methane	ND	0.0742		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
Bis(2-chloroethyl)ether	ND	0.0371		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
Bis(2-ethylhexyl)phthalate	ND	0.742		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
4-Bromophenyl-phenylether	ND	0.111		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
Butyl benzyl phthalate	ND	0.223		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
Carbazole	ND	0.0742		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
4-Chloroaniline	ND	0.111		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
4-Chloro-3-methylphenol	ND	0.0742		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
2-Chloronaphthalene	ND	0.0742		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
2-Chlorophenol	ND	0.0742		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
4-Chlorophenyl-phenylether	ND	0.111		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
2,2´-oxybis(1-chloropropane)	ND	2.97		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
Chrysene	**0.121**	0.0742		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
Dibenzo(a,h)anthracene	ND	0.0900		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
Dibenzofuran	ND	0.111		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
1,2-Dichlorobenzene	ND	0.111		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
1,3-Dichlorobenzene	ND	0.111		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
1,4-Dichlorobenzene	ND	0.111		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
3,3´-Dichlorobenzidine	ND	0.445		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
2,4-Dichlorophenol	ND	0.0742		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
Diethyl phthalate	ND	0.742		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
Dimethyl phthalate	ND	0.0742		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
2,4-Dimethylphenol	ND	0.223		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
Di-n-butyl phthalate	ND	0.223		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
4,6-Dinitro-2-methylphenol	ND	2.97		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
2,4-Dinitrophenol	ND	0.742		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
2,4-Dinitrotoluene	ND	0.111		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 1/23/2026
Date Printed: 1/23/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0489
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-4-0607
Collection Date: 01/15/2026 08:55
Matrix: Soil

Lab ID: O26A0489-03 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Semivolatile Organic Compounds by GC/MSW8270D / SW3550				Prep Date: **01/16/2026**		Analyst: **TM1**		
ILEPA 100256								
2,6-Dinitrotoluene	ND	0.0742		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
Di-n-octyl phthalate	ND	0.111		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
Fluoranthene	**0.313**	0.111		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
Fluorene	ND	0.0742		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
Hexachlorobenzene	ND	0.0742		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
Hexachlorobutadiene	ND	0.148		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
Hexachlorocyclopentadiene	ND	2.97	Q	mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
Hexachloroethane	ND	0.148		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
Indeno(1,2,3-cd)pyrene	ND	0.111		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
Isophorone	ND	0.111		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
2-Methylnaphthalene	ND	0.111		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
2-Methylphenol	ND	0.0371		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
3 & 4-Methylphenol	ND	0.148		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
Naphthalene	ND	0.111		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
2-Nitroaniline	ND	0.111		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
3-Nitroaniline	ND	0.111		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
4-Nitroaniline	ND	0.148		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
Nitrobenzene	ND	0.148		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
2-Nitrophenol	ND	0.111		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
4-Nitrophenol	ND	2.97		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
N-Nitrosodimethylamine	ND	0.148		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
N-Nitrosodi-n-propylamine	ND	0.0348		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
N-Nitrosodiphenylamine	ND	0.111		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
Pentachlorophenol	ND	0.103		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
Phenanthrene	**0.184**	0.111		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
Phenol	ND	0.148		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
Pyrene	**0.266**	0.111		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
Pyridine	ND	2.97		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
1,2,4-Trichlorobenzene	ND	0.111		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
2,4,5-Trichlorophenol	ND	0.0742		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
2,4,6-Trichlorophenol	ND	0.0742		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 1/23/2026
Date Printed: 1/23/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0489
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-4-0607
Collection Date: 01/15/2026 08:55
Matrix: Soil

Lab ID: O26A0489-03 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Polychlorinated Biphenyls (PCBs) by GC/ESW8082A / SW3546				Prep Date: **01/19/2026**		Analyst: **YC1**		
ILEPA 100256								
Aroclor 1016	ND	0.0243		mg/Kg dry	1	01/19/2026	B26A0679	S26A0451
Aroclor 1221	ND	0.0730		mg/Kg dry	1	01/19/2026	B26A0679	S26A0451
Aroclor 1232	ND	0.0974		mg/Kg dry	1	01/19/2026	B26A0679	S26A0451
Aroclor 1242	ND	0.0365		mg/Kg dry	1	01/19/2026	B26A0679	S26A0451
Aroclor 1248	ND	0.0365		mg/Kg dry	1	01/19/2026	B26A0679	S26A0451
Aroclor 1254	ND	0.0243		mg/Kg dry	1	01/19/2026	B26A0679	S26A0451
Aroclor 1260	ND	0.0365		mg/Kg dry	1	01/19/2026	B26A0679	S26A0451
Organochlorine Pesticides by GC/ECD	**SW8081B / SW3546**			Prep Date: **01/16/2026**		Analyst: **ER3**		
ILEPA 100256								
4,4'-DDD	ND	0.00947		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
4,4'-DDE	ND	0.00473		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
4,4'-DDT	ND	0.00947		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Aldrin	ND	0.00473		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
alpha-BHC	ND	0.00473		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
alpha-Chlordane	ND	0.00473		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
beta-BHC	ND	0.00947		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Chlordane	ND	0.0473		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
delta-BHC	ND	0.00473		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Dieldrin	ND	0.00473		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Endosulfan I	ND	0.00473		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Endosulfan II	ND	0.00473		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Endosulfan sulfate	ND	0.00947		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Endrin	ND	0.00473		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Endrin aldehyde	ND	0.00947		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Endrin ketone	ND	0.00947		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
gamma-BHC	ND	0.00473		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
gamma-Chlordane	ND	0.00947		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Heptachlor	ND	0.00473		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Heptachlor epoxide	ND	0.00473		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Methoxychlor	ND	0.00947		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Toxaphene	ND	0.592		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 1/23/2026
Date Printed: 1/23/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0489
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-4-0607
Collection Date: 01/15/2026 08:55
Matrix: Soil

Lab ID: O26A0489-03 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Herbicides by HPLC		**SW8321B / SW3546**		Prep Date:	**01/16/2026**	Analyst: **JPP**		
ILEPA 100256								
2,4,5-TP (Silvex)	ND	0.246		mg/Kg dry	1	01/19/2026	B26A0601	S26A0456
2,4-D	ND	0.246		mg/Kg dry	1	01/19/2026	B26A0601	S26A0456
Dalapon	ND	0.850		mg/Kg dry	1	01/19/2026	B26A0601	S26A0456
Dinoseb	ND	0.246		mg/Kg dry	1	01/20/2026	B26A0601	S26A0498
Picloram	ND	0.123	*	mg/Kg dry	1	01/19/2026	B26A0601	S26A0456
Metals by ICP-MS		**SW6020 B / SW3050**		Prep Date:	**01/19/2026**	Analyst: **MS6**		
ILEPA 100256								
Aluminum	**5,970**	12.1		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Antimony	ND	1.21		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Arsenic	**9.50**	0.607		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Barium	**69.1**	0.607		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Beryllium	**0.475**	0.303		mg/Kg dry	10	01/20/2026	B26A0730	S26A0511
Cadmium	ND	0.303		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Calcium	**30,800**	36.4		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Chromium	**13.0**	0.607		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Cobalt	**8.52**	0.607		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Copper	**29.9**	1.52		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Iron	**23,600**	18.2		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Lead	**93.8**	0.303		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Magnesium	**16,400**	18.2		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Manganese	**297**	0.607		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Nickel	**24.8**	0.607		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Potassium	**1,050**	18.2		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Selenium	ND	0.607		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Silver	ND	0.607		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Sodium	**1,190**	36.4		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Thallium	ND	0.607		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Vanadium	**17.2**	0.607		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Zinc	**116**	0.485		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Mercury by CVAA		**SW7471B**		Prep Date:	**01/19/2026**	Analyst: **NB3**		
ILEPA 100256								
Mercury	ND	0.0576		mg/Kg dry	1	01/19/2026	B26A0709	S26A0430
Wet Chemistry		**SM2540G**		Prep Date:	**01/20/2026**	Analyst: **HR1**		
Total Solids	**80.5**	0.100	*	% (Percent)	1	01/21/2026	B26A0769	

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 1/23/2026
Date Printed: 1/23/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0489
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-4-0607
Collection Date: 01/15/2026 08:55
Matrix: Soil

Lab ID: O26A0489-03 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Wet Chemistry	**SW9014 / SW9010B**			Prep Date: **01/19/2026**		Analyst: **LN2**		
ILEPA 100256								
Cyanide	ND	0.295		mg/Kg dry	1	01/20/2026	B26A0738	S26A0457
Wet Chemistry	**SW9045D**			Prep Date: **01/16/2026**		Analyst: **BW1**		
ILEPA 100256								
pH measured in water at reported temperature	**7.95**			pH Units	1	01/16/2026	B26A0640	
pH Temperature	**19.0**			°C	1	01/16/2026	B26A0640	

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 1/23/2026
Date Printed: 1/23/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0489
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-6-0607
Collection Date: 01/15/2026 08:50
Matrix: Soil

Lab ID: O26A0489-04

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Volatile Organic Compounds by GC/MS	**SW8260B / SW5035**			Prep Date:	**01/19/2026**		Analyst: **CP1**	
ILEPA 100256								
Acetone	ND	0.0562		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Benzene	ND	0.00500		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Bromodichloromethane	ND	0.00161		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Bromoform	ND	0.00321		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Bromomethane	ND	0.0161		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
2-Butanone	ND	0.0225		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Carbon disulfide	ND	0.00321		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Carbon tetrachloride	ND	0.0161		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Chlorobenzene	ND	0.00321		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Chloroethane	ND	0.00643		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Chloroform	ND	0.00321		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Chloromethane	ND	0.00643		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Dibromochloromethane	ND	0.00161		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,1-Dichloroethane	ND	0.00321		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,2-Dichloroethane	ND	0.00161		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,1-Dichloroethene	ND	0.00161		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
cis-1,2-Dichloroethene	ND	0.00321		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
trans-1,2-Dichloroethene	ND	0.00321		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,2-Dichloropropane	ND	0.00161		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
cis-1,3-Dichloropropene	ND	0.00321		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
trans-1,3-Dichloropropene	ND	0.00321		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Ethylbenzene	ND	0.00643		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
2-Hexanone	ND	0.0225		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
4-Methyl-2-pentanone	ND	0.0225		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Methylene chloride	ND	0.0161		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Methyl tert-butyl ether	ND	0.00161		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Styrene	ND	0.00643		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,1,2,2-Tetrachloroethane	ND	0.00161		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Tetrachloroethene	ND	0.00321		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Toluene	ND	0.00500		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,1,1-Trichloroethane	ND	0.00161		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,1,2-Trichloroethane	ND	0.00161		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Trichloroethene	ND	0.00161		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Vinyl chloride	ND	0.00321		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Xylenes, Total	ND	0.00964		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 1/23/2026
Date Printed: 1/23/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0489
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-6-0607
Collection Date: 01/15/2026 08:50
Matrix: Soil

Lab ID: O26A0489-04 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Semivolatile Organic Compounds by GC/MSW8270D / SW3550				Prep Date: **01/16/2026**		Analyst: **TM1**		
ILEPA 100256								
Acenaphthene	ND	0.0157		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Acenaphthylene	ND	0.0157		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Aniline	ND	0.157		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Anthracene	ND	0.0235		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Benzo(a)anthracene	ND	0.0235		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Benzidine	ND	2.61		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Benzo(a)pyrene	ND	0.0627		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Benzo(b)fluoranthene	ND	0.0235		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Benzo(g,h,i)perylene	ND	0.0313		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Benzo(k)fluoranthene	ND	0.0313		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Benzoic acid	ND	1.25	Q	mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Benzyl alcohol	ND	0.0235		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Bis(2-chloroethoxy)methane	ND	0.0157		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Bis(2-chloroethyl)ether	ND	0.00784		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Bis(2-ethylhexyl)phthalate	ND	0.157		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
4-Bromophenyl-phenylether	ND	0.0235		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Butyl benzyl phthalate	ND	0.0470		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Carbazole	ND	0.0157		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
4-Chloroaniline	ND	0.0235		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
4-Chloro-3-methylphenol	ND	0.0157		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
2-Chloronaphthalene	ND	0.0157		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
2-Chlorophenol	ND	0.0157		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
4-Chlorophenyl-phenylether	ND	0.0235		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
2,2´-oxybis(1-chloropropane)	ND	0.627		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Chrysene	ND	0.0157		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Dibenzo(a,h)anthracene	ND	0.0235		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Dibenzofuran	ND	0.0235		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
1,2-Dichlorobenzene	ND	0.0235		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
1,3-Dichlorobenzene	ND	0.0235		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
1,4-Dichlorobenzene	ND	0.0235		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
3,3´-Dichlorobenzidine	ND	0.0940		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
2,4-Dichlorophenol	ND	0.0157		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Diethyl phthalate	ND	0.157		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Dimethyl phthalate	ND	0.0157		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
2,4-Dimethylphenol	ND	0.0470		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Di-n-butyl phthalate	ND	0.0470		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
4,6-Dinitro-2-methylphenol	ND	0.627		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
2,4-Dinitrophenol	ND	0.157		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
2,4-Dinitrotoluene	ND	0.0235		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 1/23/2026
Date Printed: 1/23/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0489
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-6-0607
Collection Date: 01/15/2026 08:50
Matrix: Soil

Lab ID: O26A0489-04 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Semivolatile Organic Compounds by GC/MSW8270D / SW3550				Prep Date: **01/16/2026**		Analyst: **TM1**		
ILEPA 100256								
2,6-Dinitrotoluene	ND	0.0157		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Di-n-octyl phthalate	ND	0.0235		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Fluoranthene	ND	0.0235		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Fluorene	ND	0.0157		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Hexachlorobenzene	ND	0.0157		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Hexachlorobutadiene	ND	0.0313		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Hexachlorocyclopentadiene	ND	0.627	Q	mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Hexachloroethane	ND	0.0313		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Indeno(1,2,3-cd)pyrene	ND	0.0235		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Isophorone	ND	0.0235		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
2-Methylnaphthalene	ND	0.0235		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
2-Methylphenol	ND	0.00784		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
3 & 4-Methylphenol	ND	0.0313		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Naphthalene	ND	0.0235		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
2-Nitroaniline	ND	0.0235		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
3-Nitroaniline	ND	0.0235		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
4-Nitroaniline	ND	0.0313		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Nitrobenzene	ND	0.0313		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
2-Nitrophenol	ND	0.0235		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
4-Nitrophenol	ND	0.627		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
N-Nitrosodimethylamine	ND	0.0313		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
N-Nitrosodi-n-propylamine	ND	0.00735		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
N-Nitrosodiphenylamine	ND	0.0235		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Pentachlorophenol	ND	0.0218		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Phenanthrene	ND	0.0235		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Phenol	ND	0.0313		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Pyrene	ND	0.0235		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Pyridine	ND	0.627		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
1,2,4-Trichlorobenzene	ND	0.0235		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
2,4,5-Trichlorophenol	ND	0.0157		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
2,4,6-Trichlorophenol	ND	0.0157		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 1/23/2026
Date Printed: 1/23/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0489
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-6-0607
Collection Date: 01/15/2026 08:50
Matrix: Soil

Lab ID: O26A0489-04 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Polychlorinated Biphenyls (PCBs) by GC/ESW8082A / SW3546				Prep Date: **01/19/2026**		Analyst: **YC1**		
ILEPA 100256								
Aroclor 1016	ND	0.0210		mg/Kg dry	1	01/19/2026	B26A0679	S26A0451
Aroclor 1221	ND	0.0630		mg/Kg dry	1	01/19/2026	B26A0679	S26A0451
Aroclor 1232	ND	0.0840		mg/Kg dry	1	01/19/2026	B26A0679	S26A0451
Aroclor 1242	ND	0.0315		mg/Kg dry	1	01/19/2026	B26A0679	S26A0451
Aroclor 1248	ND	0.0315		mg/Kg dry	1	01/19/2026	B26A0679	S26A0451
Aroclor 1254	ND	0.0210		mg/Kg dry	1	01/19/2026	B26A0679	S26A0451
Aroclor 1260	ND	0.0315		mg/Kg dry	1	01/19/2026	B26A0679	S26A0451
Organochlorine Pesticides by GC/ECD	**SW8081B / SW3546**			Prep Date: **01/16/2026**		Analyst: **ER3**		
ILEPA 100256								
4,4'-DDD	ND	0.00832		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
4,4'-DDE	ND	0.00416		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
4,4'-DDT	ND	0.00832		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Aldrin	ND	0.00416		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
alpha-BHC	ND	0.00416		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
alpha-Chlordane	ND	0.00416		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
beta-BHC	ND	0.00832		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Chlordane	ND	0.0416		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
delta-BHC	ND	0.00416		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Dieldrin	ND	0.00416		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Endosulfan I	ND	0.00416		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Endosulfan II	ND	0.00416		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Endosulfan sulfate	ND	0.00832		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Endrin	ND	0.00416		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Endrin aldehyde	ND	0.00832		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Endrin ketone	ND	0.00832		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
gamma-BHC	ND	0.00416		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
gamma-Chlordane	ND	0.00832		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Heptachlor	ND	0.00416		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Heptachlor epoxide	ND	0.00416		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Methoxychlor	ND	0.00832		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Toxaphene	ND	0.520		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 1/23/2026
Date Printed: 1/23/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0489
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-6-0607
Collection Date: 01/15/2026 08:50
Matrix: Soil

Lab ID: O26A0489-04 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Herbicides by HPLC	**SW8321B / SW3546**			Prep Date: **01/16/2026**		Analyst: **JPP**		
ILEPA 100256								
2,4,5-TP (Silvex)	ND	0.207		mg/Kg dry	1	01/19/2026	B26A0601	S26A0456
2,4-D	ND	0.207		mg/Kg dry	1	01/19/2026	B26A0601	S26A0456
Dalapon	ND	0.850		mg/Kg dry	1	01/19/2026	B26A0601	S26A0456
Dinoseb	ND	0.207		mg/Kg dry	1	01/19/2026	B26A0601	S26A0456
Picloram	ND	0.104	*	mg/Kg dry	1	01/19/2026	B26A0601	S26A0456
Metals by ICP-MS	**SW6020 B / SW3050**			Prep Date: **01/19/2026**		Analyst: **MS6**		
ILEPA 100256								
Aluminum	**4,190**	10.5		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Antimony	ND	1.05		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Arsenic	**5.01**	0.523		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Barium	**12.7**	0.523		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Beryllium	**0.295**	0.261		mg/Kg dry	10	01/20/2026	B26A0730	S26A0511
Cadmium	ND	0.261		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Calcium	**24,000**	31.4		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Chromium	**8.93**	0.523		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Cobalt	**5.29**	0.523		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Copper	**15.3**	1.31		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Iron	**14,200**	15.7		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Lead	**7.94**	0.261		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Magnesium	**11,600**	15.7		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Manganese	**172**	0.523		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Nickel	**17.4**	0.523		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Potassium	**797**	15.7		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Selenium	ND	0.523		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Silver	ND	0.523		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Sodium	**197**	31.4		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Thallium	ND	0.523		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Vanadium	**9.45**	0.523		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Zinc	**25.7**	0.418		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Mercury by CVAA	**SW7471B**			Prep Date: **01/19/2026**		Analyst: **NB3**		
ILEPA 100256								
Mercury	ND	0.0495		mg/Kg dry	1	01/19/2026	B26A0709	S26A0430
Wet Chemistry	**SM2540G**			Prep Date: **01/20/2026**		Analyst: **HR1**		
Total Solids	**95.0**	0.100	*	% (Percent)	1	01/21/2026	B26A0769	

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 1/23/2026
Date Printed: 1/23/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0489
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-6-0607
Collection Date: 01/15/2026 08:50
Matrix: Soil

Lab ID: O26A0489-04 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Wet Chemistry	**SW9014 / SW9010B**			Prep Date: **01/19/2026**		Analyst: **LN2**		
ILEPA 100256								
Cyanide	ND	0.251		mg/Kg dry	1	01/20/2026	B26A0738	S26A0457
Wet Chemistry	**SW9045D**			Prep Date: **01/17/2026**		Analyst: **BW1**		
ILEPA 100256								
pH measured in water at reported temperature	**7.82**			pH Units	1	01/17/2026	B26A0687	
pH Temperature	**19.3**			°C	1	01/17/2026	B26A0687	

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 1/23/2026
Date Printed: 1/23/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0489
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-6-0910
Collection Date: 01/15/2026 09:10
Matrix: Soil

Lab ID: O26A0489-05

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Volatile Organic Compounds by GC/MS	**SW8260B / SW5035**			Prep Date:	**01/19/2026**		Analyst: **CP1**	
ILEPA 100256								
Acetone	ND	0.0646		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Benzene	ND	0.00500		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Bromodichloromethane	ND	0.00185		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Bromoform	ND	0.00369		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Bromomethane	ND	0.0185		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
2-Butanone	ND	0.0258		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Carbon disulfide	ND	0.00369		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Carbon tetrachloride	ND	0.0185		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Chlorobenzene	ND	0.00369		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Chloroethane	ND	0.00738		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Chloroform	ND	0.00369		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Chloromethane	ND	0.00738		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Dibromochloromethane	ND	0.00185		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,1-Dichloroethane	ND	0.00369		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,2-Dichloroethane	ND	0.00185		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,1-Dichloroethene	ND	0.00185		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
cis-1,2-Dichloroethene	ND	0.00369		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
trans-1,2-Dichloroethene	ND	0.00369		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,2-Dichloropropane	ND	0.00185		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
cis-1,3-Dichloropropene	ND	0.00369		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
trans-1,3-Dichloropropene	ND	0.00369		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Ethylbenzene	ND	0.00738		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
2-Hexanone	ND	0.0258		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
4-Methyl-2-pentanone	ND	0.0258		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Methylene chloride	ND	0.0185		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Methyl tert-butyl ether	ND	0.00185		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Styrene	ND	0.00738		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,1,2,2-Tetrachloroethane	ND	0.00185		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Tetrachloroethene	ND	0.00369		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Toluene	ND	0.00500		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,1,1-Trichloroethane	ND	0.00185		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,1,2-Trichloroethane	ND	0.00185		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Trichloroethene	ND	0.00185		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Vinyl chloride	ND	0.00369		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Xylenes, Total	ND	0.0111		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 1/23/2026
Date Printed: 1/23/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0489
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-6-0910
Collection Date: 01/15/2026 09:10
Matrix: Soil

Lab ID: O26A0489-05 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Semivolatile Organic Compounds by GC/MSW8270D / SW3550				Prep Date: **01/16/2026**		Analyst: **TM1**		
ILEPA 100256								
Acenaphthene	ND	0.0177		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Acenaphthylene	ND	0.0177		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Aniline	ND	0.177		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Anthracene	ND	0.0266		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Benzo(a)anthracene	ND	0.0266		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Benzidine	ND	2.95		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Benzo(a)pyrene	ND	0.0709		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Benzo(b)fluoranthene	ND	0.0266		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Benzo(g,h,i)perylene	ND	0.0355		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Benzo(k)fluoranthene	ND	0.0355		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Benzoic acid	ND	1.42	Q	mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Benzyl alcohol	ND	0.0266		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Bis(2-chloroethoxy)methane	ND	0.0177		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Bis(2-chloroethyl)ether	ND	0.00886		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Bis(2-ethylhexyl)phthalate	ND	0.177		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
4-Bromophenyl-phenylether	ND	0.0266		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Butyl benzyl phthalate	ND	0.0532		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Carbazole	ND	0.0177		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
4-Chloroaniline	ND	0.0266		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
4-Chloro-3-methylphenol	ND	0.0177		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
2-Chloronaphthalene	ND	0.0177		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
2-Chlorophenol	ND	0.0177		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
4-Chlorophenyl-phenylether	ND	0.0266		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
2,2´-oxybis(1-chloropropane)	ND	0.709		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Chrysene	ND	0.0177		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Dibenzo(a,h)anthracene	ND	0.0266		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Dibenzofuran	ND	0.0266		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
1,2-Dichlorobenzene	ND	0.0266		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
1,3-Dichlorobenzene	ND	0.0266		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
1,4-Dichlorobenzene	ND	0.0266		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
3,3´-Dichlorobenzidine	ND	0.106		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
2,4-Dichlorophenol	ND	0.0177		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Diethyl phthalate	ND	0.177		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Dimethyl phthalate	ND	0.0177		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
2,4-Dimethylphenol	ND	0.0532		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Di-n-butyl phthalate	ND	0.0532		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
4,6-Dinitro-2-methylphenol	ND	0.709		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
2,4-Dinitrophenol	ND	0.177		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
2,4-Dinitrotoluene	ND	0.0266		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 1/23/2026
Date Printed: 1/23/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0489
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-6-0910
Collection Date: 01/15/2026 09:10
Matrix: Soil

Lab ID: O26A0489-05 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Semivolatile Organic Compounds by GC/MSW8270D / SW3550				Prep Date: **01/16/2026**		Analyst: **TM1**		
ILEPA 100256								
2,6-Dinitrotoluene	ND	0.0177		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Di-n-octyl phthalate	ND	0.0266		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Fluoranthene	ND	0.0266		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Fluorene	ND	0.0177		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Hexachlorobenzene	ND	0.0177		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Hexachlorobutadiene	ND	0.0355		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Hexachlorocyclopentadiene	ND	0.709	Q	mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Hexachloroethane	ND	0.0355		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Indeno(1,2,3-cd)pyrene	ND	0.0266		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Isophorone	ND	0.0266		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
2-Methylnaphthalene	ND	0.0266		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
2-Methylphenol	ND	0.00886		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
3 & 4-Methylphenol	ND	0.0355		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Naphthalene	ND	0.0266		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
2-Nitroaniline	ND	0.0266		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
3-Nitroaniline	ND	0.0266		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
4-Nitroaniline	ND	0.0355		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Nitrobenzene	ND	0.0355		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
2-Nitrophenol	ND	0.0266		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
4-Nitrophenol	ND	0.709		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
N-Nitrosodimethylamine	ND	0.0355		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
N-Nitrosodi-n-propylamine	ND	0.00831		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
N-Nitrosodiphenylamine	ND	0.0266		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Pentachlorophenol	ND	0.0246		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Phenanthrene	ND	0.0266		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Phenol	ND	0.0355		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Pyrene	ND	0.0266		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Pyridine	ND	0.709		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
1,2,4-Trichlorobenzene	ND	0.0266		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
2,4,5-Trichlorophenol	ND	0.0177		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
2,4,6-Trichlorophenol	ND	0.0177		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 1/23/2026
Date Printed: 1/23/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0489
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-6-0910
Collection Date: 01/15/2026 09:10
Matrix: Soil

Lab ID: O26A0489-05 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Polychlorinated Biphenyls (PCBs) by GC/ESW8082A / SW3546				Prep Date: **01/19/2026**		Analyst: **YC1**		
ILEPA 100256								
Aroclor 1016	ND	0.0236		mg/Kg dry	1	01/19/2026	B26A0679	S26A0451
Aroclor 1221	ND	0.0708		mg/Kg dry	1	01/19/2026	B26A0679	S26A0451
Aroclor 1232	ND	0.0944		mg/Kg dry	1	01/19/2026	B26A0679	S26A0451
Aroclor 1242	ND	0.0354		mg/Kg dry	1	01/19/2026	B26A0679	S26A0451
Aroclor 1248	ND	0.0354		mg/Kg dry	1	01/19/2026	B26A0679	S26A0451
Aroclor 1254	ND	0.0236		mg/Kg dry	1	01/19/2026	B26A0679	S26A0451
Aroclor 1260	ND	0.0354		mg/Kg dry	1	01/19/2026	B26A0679	S26A0451
Organochlorine Pesticides by GC/ECD	**SW8081B / SW3546**			Prep Date: **01/16/2026**		Analyst: **ER3**		
ILEPA 100256								
4,4'-DDD	ND	0.00930		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
4,4'-DDE	ND	0.00465		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
4,4'-DDT	ND	0.00930		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Aldrin	ND	0.00465		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
alpha-BHC	ND	0.00465		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
alpha-Chlordane	ND	0.00465		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
beta-BHC	ND	0.00930		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Chlordane	ND	0.0465		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
delta-BHC	ND	0.00465		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Dieldrin	ND	0.00465		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Endosulfan I	ND	0.00465		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Endosulfan II	ND	0.00465		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Endosulfan sulfate	ND	0.00930		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Endrin	ND	0.00465		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Endrin aldehyde	ND	0.00930		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Endrin ketone	ND	0.00930		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
gamma-BHC	ND	0.00465		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
gamma-Chlordane	ND	0.00930		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Heptachlor	ND	0.00465		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Heptachlor epoxide	ND	0.00465		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Methoxychlor	ND	0.00930		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Toxaphene	ND	0.581		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 1/23/2026
Date Printed: 1/23/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0489
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-6-0910
Collection Date: 01/15/2026 09:10
Matrix: Soil

Lab ID: O26A0489-05 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Herbicides by HPLC		**SW8321B / SW3546**		Prep Date:	**01/16/2026**	Analyst: **JPP**		
ILEPA 100256								
2,4,5-TP (Silvex)	ND	0.236		mg/Kg dry	1	01/19/2026	B26A0601	S26A0456
2,4-D	ND	0.236		mg/Kg dry	1	01/19/2026	B26A0601	S26A0456
Dalapon	ND	0.850		mg/Kg dry	1	01/19/2026	B26A0601	S26A0456
Dinoseb	ND	0.236		mg/Kg dry	1	01/20/2026	B26A0601	S26A0498
Picloram	ND	0.118	*	mg/Kg dry	1	01/19/2026	B26A0601	S26A0456
Metals by ICP-MS		**SW6020 B / SW3050**		Prep Date:	**01/19/2026**	Analyst: **MS6**		
ILEPA 100256								
Aluminum	**4,740**	11.8		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Antimony	ND	1.18		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Arsenic	**5.14**	0.590		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Barium	**26.0**	0.590		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Beryllium	**0.423**	0.295		mg/Kg dry	10	01/20/2026	B26A0730	S26A0475
Cadmium	ND	0.295		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Calcium	**29,500**	35.4		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Chromium	**9.97**	0.590		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Cobalt	**7.26**	0.590		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Copper	**15.0**	1.47		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Iron	**11,700**	17.7		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Lead	**19.5**	0.295		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Magnesium	**14,000**	17.7		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Manganese	**213**	0.590		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Nickel	**18.2**	0.590		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Potassium	**1,090**	17.7		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Selenium	ND	0.590		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Silver	ND	0.590		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Sodium	**104**	35.4		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Thallium	ND	0.590		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Vanadium	**10.1**	0.590		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Zinc	**27.0**	0.472		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Mercury by CVAA		**SW7471B**		Prep Date:	**01/19/2026**	Analyst: **NB3**		
ILEPA 100256								
Mercury	ND	0.0576		mg/Kg dry	1	01/19/2026	B26A0709	S26A0430
Wet Chemistry		**SM2540G**		Prep Date:	**01/20/2026**	Analyst: **HR1**		
Total Solids	**84.1**	0.100	*	% (Percent)	1	01/21/2026	B26A0769	

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 1/23/2026
Date Printed: 1/23/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0489
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-6-0910
Collection Date: 01/15/2026 09:10
Matrix: Soil

Lab ID: O26A0489-05 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Wet Chemistry	**SW9014 / SW9010B**			Prep Date: **01/19/2026**		Analyst: **LN2**		
ILEPA 100256								
Cyanide	ND	0.283		mg/Kg dry	1	01/20/2026	B26A0738	S26A0457
Wet Chemistry	**SW9045D**			Prep Date: **01/17/2026**		Analyst: **BW1**		
ILEPA 100256								
pH measured in water at reported temperature	**7.86**			pH Units	1	01/17/2026	B26A0687	
pH Temperature	**19.4**			°C	1	01/17/2026	B26A0687	

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 1/23/2026
Date Printed: 1/23/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0489
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-9-0809
Collection Date: 01/15/2026 11:40
Matrix: Soil

Lab ID: O26A0489-06

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Volatile Organic Compounds by GC/MS	**SW8260B / SW5035**			Prep Date:	**01/19/2026**		Analyst: **CP1**	
ILEPA 100256								
Acetone	ND	0.0632		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Benzene	ND	0.00500		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Bromodichloromethane	ND	0.00181		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Bromoform	ND	0.00361		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Bromomethane	ND	0.0181		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
2-Butanone	ND	0.0253		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Carbon disulfide	ND	0.00361		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Carbon tetrachloride	ND	0.0181		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Chlorobenzene	ND	0.00361		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Chloroethane	ND	0.00722		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Chloroform	ND	0.00361		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Chloromethane	ND	0.00722		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Dibromochloromethane	ND	0.00181		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,1-Dichloroethane	ND	0.00361		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,2-Dichloroethane	ND	0.00181		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,1-Dichloroethene	ND	0.00181		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
cis-1,2-Dichloroethene	ND	0.00361		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
trans-1,2-Dichloroethene	ND	0.00361		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,2-Dichloropropane	ND	0.00181		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
cis-1,3-Dichloropropene	ND	0.00361		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
trans-1,3-Dichloropropene	ND	0.00361		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Ethylbenzene	ND	0.00722		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
2-Hexanone	ND	0.0253		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
4-Methyl-2-pentanone	ND	0.0253		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Methylene chloride	ND	0.0181		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Methyl tert-butyl ether	ND	0.00181		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Styrene	ND	0.00722		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,1,2,2-Tetrachloroethane	ND	0.00181		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Tetrachloroethene	ND	0.00361		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Toluene	ND	0.00500		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,1,1-Trichloroethane	ND	0.00181		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,1,2-Trichloroethane	ND	0.00181		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Trichloroethene	ND	0.00181		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Vinyl chloride	ND	0.00361		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Xylenes, Total	ND	0.0108		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 1/23/2026
Date Printed: 1/23/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0489
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-9-0809
Collection Date: 01/15/2026 11:40
Matrix: Soil

Lab ID: O26A0489-06 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Semivolatile Organic Compounds by GC/MSW8270D / SW3550				Prep Date: **01/16/2026**		Analyst: **TM1**		
ILEPA 100256								
Acenaphthene	ND	0.0178		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Acenaphthylene	ND	0.0178		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Aniline	ND	0.178		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Anthracene	ND	0.0267		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Benzo(a)anthracene	ND	0.0267		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Benzidine	ND	2.97		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Benzo(a)pyrene	ND	0.0712		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Benzo(b)fluoranthene	**0.0318**	0.0267		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Benzo(g,h,i)perylene	ND	0.0356		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Benzo(k)fluoranthene	ND	0.0356		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Benzoic acid	ND	1.42	Q	mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Benzyl alcohol	ND	0.0267		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Bis(2-chloroethoxy)methane	ND	0.0178		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Bis(2-chloroethyl)ether	ND	0.00891		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Bis(2-ethylhexyl)phthalate	ND	0.178		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
4-Bromophenyl-phenylether	ND	0.0267		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Butyl benzyl phthalate	ND	0.0534		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Carbazole	ND	0.0178		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
4-Chloroaniline	ND	0.0267		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
4-Chloro-3-methylphenol	ND	0.0178		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
2-Chloronaphthalene	ND	0.0178		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
2-Chlorophenol	ND	0.0178		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
4-Chlorophenyl-phenylether	ND	0.0267		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
2,2´-oxybis(1-chloropropane)	ND	0.712		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Chrysene	**0.0255**	0.0178		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Dibenzo(a,h)anthracene	ND	0.0267		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Dibenzofuran	ND	0.0267		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
1,2-Dichlorobenzene	ND	0.0267		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
1,3-Dichlorobenzene	ND	0.0267		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
1,4-Dichlorobenzene	ND	0.0267		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
3,3´-Dichlorobenzidine	ND	0.107		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
2,4-Dichlorophenol	ND	0.0178		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Diethyl phthalate	ND	0.178		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Dimethyl phthalate	ND	0.0178		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
2,4-Dimethylphenol	ND	0.0534		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Di-n-butyl phthalate	ND	0.0534		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
4,6-Dinitro-2-methylphenol	ND	0.712		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
2,4-Dinitrophenol	ND	0.178		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
2,4-Dinitrotoluene	ND	0.0267		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 1/23/2026
Date Printed: 1/23/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0489
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-9-0809
Collection Date: 01/15/2026 11:40
Matrix: Soil

Lab ID: O26A0489-06 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Semivolatile Organic Compounds by GC/MSW8270D / SW3550				Prep Date: **01/16/2026**		Analyst: **TM1**		
ILEPA 100256								
2,6-Dinitrotoluene	ND	0.0178		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Di-n-octyl phthalate	ND	0.0267		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Fluoranthene	**0.0407**	0.0267		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Fluorene	ND	0.0178		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Hexachlorobenzene	ND	0.0178		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Hexachlorobutadiene	ND	0.0356		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Hexachlorocyclopentadiene	ND	0.712	Q	mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Hexachloroethane	ND	0.0356		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Indeno(1,2,3-cd)pyrene	ND	0.0267		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Isophorone	ND	0.0267		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
2-Methylnaphthalene	ND	0.0267		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
2-Methylphenol	ND	0.00891		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
3 & 4-Methylphenol	ND	0.0356		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Naphthalene	ND	0.0267		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
2-Nitroaniline	ND	0.0267		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
3-Nitroaniline	ND	0.0267		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
4-Nitroaniline	ND	0.0356		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Nitrobenzene	ND	0.0356		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
2-Nitrophenol	ND	0.0267		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
4-Nitrophenol	ND	0.712		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
N-Nitrosodimethylamine	ND	0.0356		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
N-Nitrosodi-n-propylamine	ND	0.00835		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
N-Nitrosodiphenylamine	ND	0.0267		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Pentachlorophenol	ND	0.0248		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Phenanthrene	ND	0.0267		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Phenol	ND	0.0356		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Pyrene	**0.0407**	0.0267		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Pyridine	ND	0.712		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
1,2,4-Trichlorobenzene	ND	0.0267		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
2,4,5-Trichlorophenol	ND	0.0178		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
2,4,6-Trichlorophenol	ND	0.0178		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 1/23/2026
Date Printed: 1/23/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0489
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-9-0809
Collection Date: 01/15/2026 11:40
Matrix: Soil

Lab ID: O26A0489-06 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Polychlorinated Biphenyls (PCBs) by GC/ESW8082A / SW3546				Prep Date: **01/19/2026**		Analyst: **YC1**		
ILEPA 100256								
Aroclor 1016	ND	0.0235		mg/Kg dry	1	01/19/2026	B26A0679	S26A0451
Aroclor 1221	ND	0.0704		mg/Kg dry	1	01/19/2026	B26A0679	S26A0451
Aroclor 1232	ND	0.0939		mg/Kg dry	1	01/19/2026	B26A0679	S26A0451
Aroclor 1242	ND	0.0352		mg/Kg dry	1	01/19/2026	B26A0679	S26A0451
Aroclor 1248	ND	0.0352		mg/Kg dry	1	01/19/2026	B26A0679	S26A0451
Aroclor 1254	ND	0.0235		mg/Kg dry	1	01/19/2026	B26A0679	S26A0451
Aroclor 1260	ND	0.0352		mg/Kg dry	1	01/19/2026	B26A0679	S26A0451
Organochlorine Pesticides by GC/ECD	**SW8081B / SW3546**			Prep Date: **01/16/2026**		Analyst: **ER3**		
ILEPA 100256								
4,4'-DDD	ND	0.00917		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
4,4'-DDE	ND	0.00458		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
4,4'-DDT	ND	0.00917		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Aldrin	ND	0.00458		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
alpha-BHC	ND	0.00458		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
alpha-Chlordane	ND	0.00458		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
beta-BHC	ND	0.00917		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Chlordane	ND	0.0458		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
delta-BHC	ND	0.00458		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Dieldrin	ND	0.00458		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Endosulfan I	ND	0.00458		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Endosulfan II	ND	0.00458		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Endosulfan sulfate	ND	0.00917		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Endrin	ND	0.00458		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Endrin aldehyde	ND	0.00917		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Endrin ketone	ND	0.00917		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
gamma-BHC	ND	0.00458		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
gamma-Chlordane	ND	0.00917		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Heptachlor	ND	0.00458		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Heptachlor epoxide	ND	0.00458		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Methoxychlor	ND	0.00917		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Toxaphene	ND	0.573		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 1/23/2026
Date Printed: 1/23/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0489
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-9-0809
Collection Date: 01/15/2026 11:40
Matrix: Soil

Lab ID: O26A0489-06 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Herbicides by HPLC		**SW8321B / SW3546**		Prep Date:	**01/16/2026**	Analyst: **JPP**		
ILEPA 100256								
2,4,5-TP (Silvex)	ND	0.235		mg/Kg dry	1	01/19/2026	B26A0601	S26A0456
2,4-D	ND	0.235		mg/Kg dry	1	01/19/2026	B26A0601	S26A0456
Dalapon	ND	0.850		mg/Kg dry	1	01/19/2026	B26A0601	S26A0456
Dinoseb	ND	0.235		mg/Kg dry	1	01/21/2026	B26A0601	S26A0498
Picloram	ND	0.118	*	mg/Kg dry	1	01/19/2026	B26A0601	S26A0456
Metals by ICP-MS		**SW6020 B / SW3050**		Prep Date:	**01/19/2026**	Analyst: **MS6**		
ILEPA 100256								
Aluminum	**6,130**	11.8		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Antimony	ND	1.18		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Arsenic	**5.84**	0.589		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Barium	**34.0**	0.589		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Beryllium	**0.439**	0.295		mg/Kg dry	10	01/20/2026	B26A0730	S26A0511
Cadmium	ND	0.295		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Calcium	**24,200**	35.4		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Chromium	**13.0**	0.589		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Cobalt	**8.32**	0.589		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Copper	**20.5**	1.47		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Iron	**17,100**	17.7		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Lead	**11.6**	0.295		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Magnesium	**13,700**	17.7		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Manganese	**218**	0.589		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Nickel	**25.4**	0.589		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Potassium	**1,210**	17.7		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Selenium	ND	0.589		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Silver	ND	0.589		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Sodium	**1,080**	35.4		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Thallium	ND	0.589		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Vanadium	**14.3**	0.589		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Zinc	**39.4**	0.471		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Mercury by CVAA		**SW7471B**		Prep Date:	**01/19/2026**	Analyst: **NB3**		
ILEPA 100256								
Mercury	ND	0.0569		mg/Kg dry	1	01/19/2026	B26A0709	S26A0430
Wet Chemistry		**SM2540G**		Prep Date:	**01/20/2026**	Analyst: **HR1**		
Total Solids	**83.9**	0.100	*	% (Percent)	1	01/21/2026	B26A0769	

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 1/23/2026
Date Printed: 1/23/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0489
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-9-0809
Collection Date: 01/15/2026 11:40
Matrix: Soil

Lab ID: O26A0489-06 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Wet Chemistry	**SW9014 / SW9010B**			Prep Date: **01/19/2026**		Analyst: **LN2**		
ILEPA 100256								
Cyanide	ND	0.285		mg/Kg dry	1	01/20/2026	B26A0738	S26A0457
Wet Chemistry	**SW9045D**			Prep Date: **01/17/2026**		Analyst: **BW1**		
ILEPA 100256								
pH measured in water at reported temperature	**8.48**			pH Units	1	01/17/2026	B26A0687	
pH Temperature	**19.4**			°C	1	01/17/2026	B26A0687	

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 1/23/2026
Date Printed: 1/23/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0489
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-10-0607
Collection Date: 01/15/2026 12:50
Matrix: Soil

Lab ID: O26A0489-07

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Volatile Organic Compounds by GC/MS **SW8260B / SW5035**				Prep Date: **01/19/2026**		Analyst: **CP1**		
ILEPA 100256								
Acetone	ND	0.0611		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Benzene	ND	0.00500		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Bromodichloromethane	ND	0.00175		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Bromoform	ND	0.00349		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Bromomethane	ND	0.0175		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
2-Butanone	ND	0.0245		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Carbon disulfide	ND	0.00349		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Carbon tetrachloride	ND	0.0175		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Chlorobenzene	ND	0.00349		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Chloroethane	ND	0.00699		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Chloroform	ND	0.00349		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Chloromethane	ND	0.00699		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Dibromochloromethane	ND	0.00175		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,1-Dichloroethane	ND	0.00349		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,2-Dichloroethane	ND	0.00175		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,1-Dichloroethene	ND	0.00175		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
cis-1,2-Dichloroethene	ND	0.00349		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
trans-1,2-Dichloroethene	ND	0.00349		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,2-Dichloropropane	ND	0.00175		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
cis-1,3-Dichloropropene	ND	0.00349		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
trans-1,3-Dichloropropene	ND	0.00349		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Ethylbenzene	ND	0.00699		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
2-Hexanone	ND	0.0245		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
4-Methyl-2-pentanone	ND	0.0245		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Methylene chloride	ND	0.0175		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Methyl tert-butyl ether	ND	0.00175		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Styrene	ND	0.00699		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,1,2,2-Tetrachloroethane	ND	0.00175		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Tetrachloroethene	ND	0.00349		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Toluene	ND	0.00500		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,1,1-Trichloroethane	ND	0.00175		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,1,2-Trichloroethane	ND	0.00175		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Trichloroethene	ND	0.00175		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Vinyl chloride	ND	0.00349		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Xylenes, Total	ND	0.0105		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 1/23/2026
Date Printed: 1/23/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0489
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-10-0607
Collection Date: 01/15/2026 12:50
Matrix: Soil

Lab ID: O26A0489-07 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Semivolatile Organic Compounds by GC/MSW8270D / SW3550				Prep Date: **01/16/2026**		Analyst: **TM1**		
ILEPA 100256								
Acenaphthene	ND	0.0175		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Acenaphthylene	ND	0.0175		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Aniline	ND	0.175		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Anthracene	ND	0.0263		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Benzo(a)anthracene	ND	0.0263		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Benzidine	ND	2.91		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Benzo(a)pyrene	ND	0.0700		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Benzo(b)fluoranthene	ND	0.0263		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Benzo(g,h,i)perylene	ND	0.0350		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Benzo(k)fluoranthene	ND	0.0350		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Benzoic acid	ND	1.40	Q	mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Benzyl alcohol	ND	0.0263		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Bis(2-chloroethoxy)methane	ND	0.0175		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Bis(2-chloroethyl)ether	ND	0.00875		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Bis(2-ethylhexyl)phthalate	ND	0.175		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
4-Bromophenyl-phenylether	ND	0.0263		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Butyl benzyl phthalate	ND	0.0525		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Carbazole	ND	0.0175		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
4-Chloroaniline	ND	0.0263		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
4-Chloro-3-methylphenol	ND	0.0175		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
2-Chloronaphthalene	ND	0.0175		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
2-Chlorophenol	ND	0.0175		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
4-Chlorophenyl-phenylether	ND	0.0263		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
2,2´-oxybis(1-chloropropane)	ND	0.700		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Chrysene	ND	0.0175		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Dibenzo(a,h)anthracene	ND	0.0263		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Dibenzofuran	ND	0.0263		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
1,2-Dichlorobenzene	ND	0.0263		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
1,3-Dichlorobenzene	ND	0.0263		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
1,4-Dichlorobenzene	ND	0.0263		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
3,3´-Dichlorobenzidine	ND	0.105		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
2,4-Dichlorophenol	ND	0.0175		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Diethyl phthalate	ND	0.175		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Dimethyl phthalate	ND	0.0175		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
2,4-Dimethylphenol	ND	0.0525		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Di-n-butyl phthalate	ND	0.0525		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
4,6-Dinitro-2-methylphenol	ND	0.700		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
2,4-Dinitrophenol	ND	0.175		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
2,4-Dinitrotoluene	ND	0.0263		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 1/23/2026
Date Printed: 1/23/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0489
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-10-0607
Collection Date: 01/15/2026 12:50
Matrix: Soil

Lab ID: O26A0489-07 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Semivolatile Organic Compounds by GC/MSW8270D / SW3550				Prep Date: **01/16/2026**		Analyst: **TM1**		
ILEPA 100256								
2,6-Dinitrotoluene	ND	0.0175		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Di-n-octyl phthalate	ND	0.0263		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Fluoranthene	ND	0.0263		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Fluorene	ND	0.0175		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Hexachlorobenzene	ND	0.0175		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Hexachlorobutadiene	ND	0.0350		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Hexachlorocyclopentadiene	ND	0.700	Q	mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Hexachloroethane	ND	0.0350		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Indeno(1,2,3-cd)pyrene	ND	0.0263		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Isophorone	ND	0.0263		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
2-Methylnaphthalene	ND	0.0263		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
2-Methylphenol	ND	0.00875		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
3 & 4-Methylphenol	ND	0.0350		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Naphthalene	ND	0.0263		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
2-Nitroaniline	ND	0.0263		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
3-Nitroaniline	ND	0.0263		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
4-Nitroaniline	ND	0.0350		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Nitrobenzene	ND	0.0350		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
2-Nitrophenol	ND	0.0263		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
4-Nitrophenol	ND	0.700		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
N-Nitrosodimethylamine	ND	0.0350		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
N-Nitrosodi-n-propylamine	ND	0.00821		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
N-Nitrosodiphenylamine	ND	0.0263		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Pentachlorophenol	ND	0.0243		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Phenanthrene	ND	0.0263		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Phenol	ND	0.0350		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Pyrene	ND	0.0263		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Pyridine	ND	0.700		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
1,2,4-Trichlorobenzene	ND	0.0263		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
2,4,5-Trichlorophenol	ND	0.0175		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
2,4,6-Trichlorophenol	ND	0.0175		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 1/23/2026
Date Printed: 1/23/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0489
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-10-0607
Collection Date: 01/15/2026 12:50
Matrix: Soil

Lab ID: O26A0489-07 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Polychlorinated Biphenyls (PCBs) by GC/ESW8082A / SW3546				Prep Date: **01/19/2026**		Analyst: **YC1**		
ILEPA 100256								
Aroclor 1016	ND	0.0233		mg/Kg dry	1	01/19/2026	B26A0679	S26A0449
Aroclor 1221	ND	0.0698		mg/Kg dry	1	01/19/2026	B26A0679	S26A0449
Aroclor 1232	ND	0.0930		mg/Kg dry	1	01/19/2026	B26A0679	S26A0449
Aroclor 1242	ND	0.0349		mg/Kg dry	1	01/19/2026	B26A0679	S26A0449
Aroclor 1248	ND	0.0349		mg/Kg dry	1	01/19/2026	B26A0679	S26A0449
Aroclor 1254	ND	0.0233		mg/Kg dry	1	01/19/2026	B26A0679	S26A0449
Aroclor 1260	ND	0.0349		mg/Kg dry	1	01/19/2026	B26A0679	S26A0449
Organochlorine Pesticides by GC/ECD	**SW8081B / SW3546**			Prep Date: **01/16/2026**		Analyst: **ER3**		
ILEPA 100256								
4,4'-DDD	ND	0.00926		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
4,4'-DDE	ND	0.00463		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
4,4'-DDT	ND	0.00926		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Aldrin	ND	0.00463		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
alpha-BHC	ND	0.00463		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
alpha-Chlordane	ND	0.00463		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
beta-BHC	ND	0.00926		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Chlordane	ND	0.0463		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
delta-BHC	ND	0.00463		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Dieldrin	ND	0.00463		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Endosulfan I	ND	0.00463		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Endosulfan II	ND	0.00463		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Endosulfan sulfate	ND	0.00926		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Endrin	ND	0.00463		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Endrin aldehyde	ND	0.00926		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Endrin ketone	ND	0.00926		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
gamma-BHC	ND	0.00463		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
gamma-Chlordane	ND	0.00926		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Heptachlor	ND	0.00463		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Heptachlor epoxide	ND	0.00463		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Methoxychlor	ND	0.00926		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Toxaphene	ND	0.579		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 1/23/2026
Date Printed: 1/23/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0489
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-10-0607
Collection Date: 01/15/2026 12:50
Matrix: Soil

Lab ID: O26A0489-07 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Herbicides by HPLC		**SW8321B / SW3546**		Prep Date:	**01/16/2026**	Analyst: **JPP**		
ILEPA 100256								
2,4,5-TP (Silvex)	ND	0.234		mg/Kg dry	1	01/19/2026	B26A0601	S26A0456
2,4-D	ND	0.234		mg/Kg dry	1	01/19/2026	B26A0601	S26A0456
Dalapon	ND	0.850		mg/Kg dry	1	01/19/2026	B26A0601	S26A0456
Dinoseb	ND	0.234		mg/Kg dry	1	01/21/2026	B26A0601	S26A0498
Picloram	ND	0.117	*	mg/Kg dry	1	01/19/2026	B26A0601	S26A0456
Metals by ICP-MS		**SW6020 B / SW3050**		Prep Date:	**01/19/2026**	Analyst: **MS6**		
ILEPA 100256								
Aluminum	**5,920**	11.4		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Antimony	ND	1.14		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Arsenic	**6.46**	0.572		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Barium	**24.3**	0.572		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Beryllium	**0.361**	0.286		mg/Kg dry	10	01/20/2026	B26A0730	S26A0511
Cadmium	ND	0.286		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Calcium	**37,600**	34.3		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Chromium	**12.9**	0.572		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Cobalt	**8.77**	0.572		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Copper	**23.2**	1.43		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Iron	**16,500**	17.2		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Lead	**12.9**	0.286		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Magnesium	**20,000**	17.2		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Manganese	**295**	0.572		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Nickel	**26.2**	0.572		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Potassium	**1,290**	17.2		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Selenium	ND	0.572		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Silver	ND	0.572		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Sodium	**592**	34.3		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Thallium	**0.572**	0.572		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Vanadium	**13.1**	0.572		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Zinc	**34.8**	0.458		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Mercury by CVAA		**SW7471B**		Prep Date:	**01/19/2026**	Analyst: **NB3**		
ILEPA 100256								
Mercury	ND	0.0557		mg/Kg dry	1	01/19/2026	B26A0709	S26A0430
Wet Chemistry		**SM2540G**		Prep Date:	**01/20/2026**	Analyst: **HR1**		
Total Solids	**85.5**	0.100	*	% (Percent)	1	01/21/2026	B26A0769	

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 1/23/2026
Date Printed: 1/23/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0489
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-10-0607
Collection Date: 01/15/2026 12:50
Matrix: Soil

Lab ID: O26A0489-07 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Wet Chemistry	**SW9014 / SW9010B**			Prep Date: **01/19/2026**		Analyst: **LN2**		
ILEPA 100256								
Cyanide	ND	0.270		mg/Kg dry	1	01/20/2026	B26A0738	S26A0457
Wet Chemistry	**SW9045D**			Prep Date: **01/17/2026**		Analyst: **BW1**		
ILEPA 100256								
pH measured in water at reported temperature	**8.56**			pH Units	1	01/17/2026	B26A0687	
pH Temperature	**19.4**			°C	1	01/17/2026	B26A0687	

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 1/23/2026
Date Printed: 1/23/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0489
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-10-1112
Collection Date: 01/15/2026 12:55
Matrix: Soil

Lab ID: O26A0489-08

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Volatile Organic Compounds by GC/MS **SW8260B / SW5035**				Prep Date: **01/19/2026**			Analyst: **CP1**	
ILEPA 100256								
Acetone	ND	0.0610		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Benzene	ND	0.00500		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Bromodichloromethane	ND	0.00174		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Bromoform	ND	0.00348		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Bromomethane	ND	0.0174		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
2-Butanone	ND	0.0244		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Carbon disulfide	ND	0.00348		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Carbon tetrachloride	ND	0.0174		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Chlorobenzene	ND	0.00348		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Chloroethane	ND	0.00697		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Chloroform	ND	0.00348		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Chloromethane	ND	0.00697		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Dibromochloromethane	ND	0.00174		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,1-Dichloroethane	ND	0.00348		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,2-Dichloroethane	ND	0.00174		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,1-Dichloroethene	ND	0.00174		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
cis-1,2-Dichloroethene	ND	0.00348		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
trans-1,2-Dichloroethene	ND	0.00348		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,2-Dichloropropane	ND	0.00174		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
cis-1,3-Dichloropropene	ND	0.00348		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
trans-1,3-Dichloropropene	ND	0.00348		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Ethylbenzene	ND	0.00697		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
2-Hexanone	ND	0.0244		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
4-Methyl-2-pentanone	ND	0.0244		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Methylene chloride	ND	0.0174		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Methyl tert-butyl ether	ND	0.00174		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Styrene	ND	0.00697		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,1,2,2-Tetrachloroethane	ND	0.00174		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Tetrachloroethene	ND	0.00348		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Toluene	ND	0.00500		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,1,1-Trichloroethane	ND	0.00174		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,1,2-Trichloroethane	ND	0.00174		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Trichloroethene	ND	0.00174		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Vinyl chloride	ND	0.00348		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Xylenes, Total	ND	0.0104		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 1/23/2026
Date Printed: 1/23/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0489
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-10-1112
Collection Date: 01/15/2026 12:55
Matrix: Soil

Lab ID: O26A0489-08 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Semivolatile Organic Compounds by GC/MSW8270D / SW3550				Prep Date: **01/16/2026**		Analyst: **TM1**		
ILEPA 100256								
Acenaphthene	ND	0.0182		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Acenaphthylene	ND	0.0182		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Aniline	ND	0.182		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Anthracene	ND	0.0273		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Benzo(a)anthracene	ND	0.0273		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Benzidine	ND	3.03		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Benzo(a)pyrene	ND	0.0727		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Benzo(b)fluoranthene	ND	0.0273		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Benzo(g,h,i)perylene	ND	0.0363		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Benzo(k)fluoranthene	ND	0.0363		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Benzoic acid	ND	1.45	Q	mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Benzyl alcohol	ND	0.0273		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Bis(2-chloroethoxy)methane	ND	0.0182		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Bis(2-chloroethyl)ether	ND	0.00909		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Bis(2-ethylhexyl)phthalate	ND	0.182		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
4-Bromophenyl-phenylether	ND	0.0273		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Butyl benzyl phthalate	ND	0.0545		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Carbazole	ND	0.0182		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
4-Chloroaniline	ND	0.0273		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
4-Chloro-3-methylphenol	ND	0.0182		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
2-Chloronaphthalene	ND	0.0182		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
2-Chlorophenol	ND	0.0182		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
4-Chlorophenyl-phenylether	ND	0.0273		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
2,2´-oxybis(1-chloropropane)	ND	0.727		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Chrysene	ND	0.0182		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Dibenzo(a,h)anthracene	ND	0.0273		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Dibenzofuran	ND	0.0273		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
1,2-Dichlorobenzene	ND	0.0273		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
1,3-Dichlorobenzene	ND	0.0273		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
1,4-Dichlorobenzene	ND	0.0273		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
3,3´-Dichlorobenzidine	ND	0.109		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
2,4-Dichlorophenol	ND	0.0182		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Diethyl phthalate	ND	0.182		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Dimethyl phthalate	ND	0.0182		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
2,4-Dimethylphenol	ND	0.0545		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Di-n-butyl phthalate	ND	0.0545		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
4,6-Dinitro-2-methylphenol	ND	0.727		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
2,4-Dinitrophenol	ND	0.182		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
2,4-Dinitrotoluene	ND	0.0273		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 1/23/2026
Date Printed: 1/23/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0489
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-10-1112
Collection Date: 01/15/2026 12:55
Matrix: Soil

Lab ID: O26A0489-08 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Semivolatile Organic Compounds by GC/MSW8270D / SW3550				Prep Date: **01/16/2026**		Analyst: **TM1**		
ILEPA 100256								
2,6-Dinitrotoluene	ND	0.0182		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Di-n-octyl phthalate	ND	0.0273		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Fluoranthene	ND	0.0273		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Fluorene	ND	0.0182		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Hexachlorobenzene	ND	0.0182		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Hexachlorobutadiene	ND	0.0363		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Hexachlorocyclopentadiene	ND	0.727	Q	mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Hexachloroethane	ND	0.0363		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Indeno(1,2,3-cd)pyrene	ND	0.0273		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Isophorone	ND	0.0273		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
2-Methylnaphthalene	ND	0.0273		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
2-Methylphenol	ND	0.00909		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
3 & 4-Methylphenol	ND	0.0363		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Naphthalene	ND	0.0273		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
2-Nitroaniline	ND	0.0273		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
3-Nitroaniline	ND	0.0273		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
4-Nitroaniline	ND	0.0363		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Nitrobenzene	ND	0.0363		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
2-Nitrophenol	ND	0.0273		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
4-Nitrophenol	ND	0.727		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
N-Nitrosodimethylamine	ND	0.0363		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
N-Nitrosodi-n-propylamine	ND	0.00852		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
N-Nitrosodiphenylamine	ND	0.0273		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Pentachlorophenol	ND	0.0253		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Phenanthrene	ND	0.0273		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Phenol	ND	0.0363		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Pyrene	ND	0.0273		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
Pyridine	ND	0.727		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
1,2,4-Trichlorobenzene	ND	0.0273		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
2,4,5-Trichlorophenol	ND	0.0182		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472
2,4,6-Trichlorophenol	ND	0.0182		mg/Kg dry	1	01/19/2026	B26A0665	S26A0472

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 1/23/2026
Date Printed: 1/23/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0489
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-10-1112
Collection Date: 01/15/2026 12:55
Matrix: Soil

Lab ID: O26A0489-08 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Polychlorinated Biphenyls (PCBs) by GC/ESW8082A / SW3546				Prep Date: **01/19/2026**		Analyst: **YC1**		
ILEPA 100256								
Aroclor 1016	ND	0.0242		mg/Kg dry	1	01/19/2026	B26A0679	S26A0449
Aroclor 1221	ND	0.0727		mg/Kg dry	1	01/19/2026	B26A0679	S26A0449
Aroclor 1232	ND	0.0969		mg/Kg dry	1	01/19/2026	B26A0679	S26A0449
Aroclor 1242	ND	0.0363		mg/Kg dry	1	01/19/2026	B26A0679	S26A0449
Aroclor 1248	ND	0.0363		mg/Kg dry	1	01/19/2026	B26A0679	S26A0449
Aroclor 1254	ND	0.0242		mg/Kg dry	1	01/19/2026	B26A0679	S26A0449
Aroclor 1260	ND	0.0363		mg/Kg dry	1	01/19/2026	B26A0679	S26A0449
Organochlorine Pesticides by GC/ECD	**SW8081B / SW3546**			Prep Date: **01/16/2026**		Analyst: **ER3**		
ILEPA 100256								
4,4'-DDD	ND	0.00933		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
4,4'-DDE	ND	0.00467		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
4,4'-DDT	ND	0.00933		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Aldrin	ND	0.00467		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
alpha-BHC	ND	0.00467		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
alpha-Chlordane	ND	0.00467		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
beta-BHC	ND	0.00933		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Chlordane	ND	0.0467		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
delta-BHC	ND	0.00467		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Dieldrin	ND	0.00467		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Endosulfan I	ND	0.00467		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Endosulfan II	ND	0.00467		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Endosulfan sulfate	ND	0.00933		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Endrin	ND	0.00467		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Endrin aldehyde	ND	0.00933		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Endrin ketone	ND	0.00933		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
gamma-BHC	ND	0.00467		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
gamma-Chlordane	ND	0.00933		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Heptachlor	ND	0.00467		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Heptachlor epoxide	ND	0.00467		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Methoxychlor	ND	0.00933		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Toxaphene	ND	0.583		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 1/23/2026
Date Printed: 1/23/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0489
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-10-1112
Collection Date: 01/15/2026 12:55
Matrix: Soil

Lab ID: O26A0489-08 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Herbicides by HPLC		**SW8321B / SW3546**		Prep Date:	**01/16/2026**	Analyst: **JPP**		
ILEPA 100256								
2,4,5-TP (Silvex)	ND	0.237		mg/Kg dry	1	01/19/2026	B26A0601	S26A0456
2,4-D	ND	0.237		mg/Kg dry	1	01/19/2026	B26A0601	S26A0456
Dalapon	ND	0.850		mg/Kg dry	1	01/19/2026	B26A0601	S26A0456
Dinoseb	ND	0.237		mg/Kg dry	1	01/21/2026	B26A0601	S26A0498
Picloram	ND	0.119	*	mg/Kg dry	1	01/19/2026	B26A0601	S26A0456
Metals by ICP-MS		**SW6020 B / SW3050**		Prep Date:	**01/19/2026**	Analyst: **MS6**		
ILEPA 100256								
Aluminum	**4,750**	11.9		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Antimony	ND	1.19		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Arsenic	**4.96**	0.594		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Barium	**24.0**	0.594		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Beryllium	**0.306**	0.297		mg/Kg dry	10	01/20/2026	B26A0730	S26A0511
Cadmium	ND	0.297		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Calcium	**29,800**	35.6		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Chromium	**10.7**	0.594		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Cobalt	**8.08**	0.594		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Copper	**18.2**	1.48		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Iron	**12,600**	17.8		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Lead	**9.45**	0.297		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Magnesium	**14,200**	17.8		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Manganese	**208**	0.594		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Nickel	**21.7**	0.594		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Potassium	**1,130**	17.8		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Selenium	ND	0.594		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Silver	ND	0.594		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Sodium	**270**	35.6		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Thallium	ND	0.594		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Vanadium	**11.2**	0.594		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Zinc	**29.7**	0.475		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Mercury by CVAA		**SW7471B**		Prep Date:	**01/19/2026**	Analyst: **NB3**		
ILEPA 100256								
Mercury	ND	0.0569		mg/Kg dry	1	01/19/2026	B26A0709	S26A0430
Wet Chemistry		**SM2540G**		Prep Date:	**01/21/2026**	Analyst: **VE1**		
Total Solids	**82.3**	0.100	*	% (Percent)	1	01/22/2026	B26A0849	

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 1/23/2026
Date Printed: 1/23/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0489
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-10-1112
Collection Date: 01/15/2026 12:55
Matrix: Soil

Lab ID: O26A0489-08 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Wet Chemistry	**SW9014 / SW9010B**			Prep Date: **01/19/2026**		Analyst: **LN2**		
ILEPA 100256								
Cyanide	ND	0.281		mg/Kg dry	1	01/20/2026	B26A0738	S26A0457
Wet Chemistry	**SW9045D**			Prep Date: **01/17/2026**		Analyst: **BW1**		
ILEPA 100256								
pH measured in water at reported temperature	**8.21**			pH Units	1	01/17/2026	B26A0687	
pH Temperature	**19.2**			°C	1	01/17/2026	B26A0687	

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 1/23/2026
Date Printed: 1/23/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0489
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-2-1314
Collection Date: 01/15/2026 13:15
Matrix: Soil

Lab ID: O26A0489-09

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Volatile Organic Compounds by GC/MS	**SW8260B / SW5035**			Prep Date:	**01/19/2026**		Analyst: **CP1**	
ILEPA 100256								
Acetone	ND	0.0657		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Benzene	ND	0.00500		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Bromodichloromethane	ND	0.00188		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Bromoform	ND	0.00375		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Bromomethane	ND	0.0188		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
2-Butanone	ND	0.0263		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Carbon disulfide	ND	0.00375		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Carbon tetrachloride	ND	0.0188		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Chlorobenzene	ND	0.00375		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Chloroethane	ND	0.00751		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Chloroform	ND	0.00375		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Chloromethane	ND	0.00751		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Dibromochloromethane	ND	0.00188		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,1-Dichloroethane	ND	0.00375		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,2-Dichloroethane	ND	0.00188		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,1-Dichloroethene	ND	0.00188		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
cis-1,2-Dichloroethene	ND	0.00375		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
trans-1,2-Dichloroethene	ND	0.00375		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,2-Dichloropropane	ND	0.00188		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
cis-1,3-Dichloropropene	ND	0.00375		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
trans-1,3-Dichloropropene	ND	0.00375		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Ethylbenzene	ND	0.00751		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
2-Hexanone	ND	0.0263		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
4-Methyl-2-pentanone	ND	0.0263		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Methylene chloride	ND	0.0188		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Methyl tert-butyl ether	ND	0.00188		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Styrene	ND	0.00751		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,1,2,2-Tetrachloroethane	ND	0.00188		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Tetrachloroethene	ND	0.00375		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Toluene	ND	0.00500		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,1,1-Trichloroethane	ND	0.00188		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,1,2-Trichloroethane	ND	0.00188		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Trichloroethene	ND	0.00188		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Vinyl chloride	ND	0.00375		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Xylenes, Total	ND	0.0113		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 1/23/2026
Date Printed: 1/23/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0489
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-2-1314
Collection Date: 01/15/2026 13:15
Matrix: Soil

Lab ID: O26A0489-09 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Semivolatile Organic Compounds by GC/MSW8270D / SW3550				Prep Date: **01/16/2026**		Analyst: **TM1**		
ILEPA 100256								
Acenaphthene	ND	0.0632		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
Acenaphthylene	**0.0874**	0.0632		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
Aniline	ND	0.632		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
Anthracene	**0.216**	0.0948		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
Benzo(a)anthracene	**1.20**	0.0948		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
Benzidine	ND	10.5		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
Benzo(a)pyrene	**1.43**	0.253		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
Benzo(b)fluoranthene	**1.93**	0.0948		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
Benzo(g,h,i)perylene	**1.13**	0.126		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
Benzo(k)fluoranthene	**0.563**	0.126		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
Benzoic acid	ND	5.06	Q	mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
Benzyl alcohol	ND	0.0948		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
Bis(2-chloroethoxy)methane	ND	0.0632		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
Bis(2-chloroethyl)ether	ND	0.0316		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
Bis(2-ethylhexyl)phthalate	ND	0.632		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
4-Bromophenyl-phenylether	ND	0.0948		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
Butyl benzyl phthalate	ND	0.190		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
Carbazole	**0.0685**	0.0632		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
4-Chloroaniline	ND	0.0948		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
4-Chloro-3-methylphenol	ND	0.0632		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
2-Chloronaphthalene	ND	0.0632		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
2-Chlorophenol	ND	0.0632		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
4-Chlorophenyl-phenylether	ND	0.0948		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
2,2´-oxybis(1-chloropropane)	ND	2.53		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
Chrysene	**1.35**	0.0632		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
Dibenzo(a,h)anthracene	**0.252**	0.0948		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
Dibenzofuran	ND	0.0948		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
1,2-Dichlorobenzene	ND	0.0948		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
1,3-Dichlorobenzene	ND	0.0948		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
1,4-Dichlorobenzene	ND	0.0948		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
3,3´-Dichlorobenzidine	ND	0.379		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
2,4-Dichlorophenol	ND	0.0632		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
Diethyl phthalate	ND	0.632		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
Dimethyl phthalate	ND	0.0632		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
2,4-Dimethylphenol	ND	0.190		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
Di-n-butyl phthalate	ND	0.190		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
4,6-Dinitro-2-methylphenol	ND	2.53		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
2,4-Dinitrophenol	ND	0.632		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
2,4-Dinitrotoluene	ND	0.0948		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 1/23/2026
Date Printed: 1/23/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0489
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-2-1314
Collection Date: 01/15/2026 13:15
Matrix: Soil

Lab ID: O26A0489-09 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Semivolatile Organic Compounds by GC/MSW8270D / SW3550				Prep Date: **01/16/2026**		Analyst: **TM1**		
ILEPA 100256								
2,6-Dinitrotoluene	ND	0.0632		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
Di-n-octyl phthalate	ND	0.0948		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
Fluoranthene	**2.10**	0.0948		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
Fluorene	ND	0.0632		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
Hexachlorobenzene	ND	0.0632		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
Hexachlorobutadiene	ND	0.126		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
Hexachlorocyclopentadiene	ND	2.53	Q	mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
Hexachloroethane	ND	0.126		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
Indeno(1,2,3-cd)pyrene	**1.06**	0.0948		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
Isophorone	ND	0.0948		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
2-Methylnaphthalene	ND	0.0948		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
2-Methylphenol	ND	0.0316		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
3 & 4-Methylphenol	ND	0.126		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
Naphthalene	ND	0.0948		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
2-Nitroaniline	ND	0.0948		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
3-Nitroaniline	ND	0.0948		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
4-Nitroaniline	ND	0.126		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
Nitrobenzene	ND	0.126		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
2-Nitrophenol	ND	0.0948		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
4-Nitrophenol	ND	2.53		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
N-Nitrosodimethylamine	ND	0.126		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
N-Nitrosodi-n-propylamine	ND	0.0296		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
N-Nitrosodiphenylamine	ND	0.0948		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
Pentachlorophenol	ND	0.0879		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
Phenanthrene	**0.820**	0.0948		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
Phenol	ND	0.126		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
Pyrene	**2.36**	0.0948		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
Pyridine	ND	2.53		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
1,2,4-Trichlorobenzene	ND	0.0948		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
2,4,5-Trichlorophenol	ND	0.0632		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472
2,4,6-Trichlorophenol	ND	0.0632		mg/Kg dry	4	01/20/2026	B26A0665	S26A0472

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 1/23/2026
Date Printed: 1/23/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0489
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-2-1314
Collection Date: 01/15/2026 13:15
Matrix: Soil

Lab ID: O26A0489-09 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Polychlorinated Biphenyls (PCBs) by GC/ESW8082A / SW3546				Prep Date: **01/19/2026**			Analyst: **YC1**	
ILEPA 100256								
Aroclor 1016	ND	0.0207		mg/Kg dry	1	01/19/2026	B26A0679	S26A0449
Aroclor 1221	ND	0.0621		mg/Kg dry	1	01/19/2026	B26A0679	S26A0449
Aroclor 1232	ND	0.0828		mg/Kg dry	1	01/19/2026	B26A0679	S26A0449
Aroclor 1242	ND	0.0310		mg/Kg dry	1	01/19/2026	B26A0679	S26A0449
Aroclor 1248	ND	0.0310		mg/Kg dry	1	01/19/2026	B26A0679	S26A0449
Aroclor 1254	ND	0.0207		mg/Kg dry	1	01/19/2026	B26A0679	S26A0449
Aroclor 1260	ND	0.0310		mg/Kg dry	1	01/19/2026	B26A0679	S26A0449
Organochlorine Pesticides by GC/ECD	**SW8081B / SW3546**			Prep Date: **01/16/2026**			Analyst: **ER3**	
ILEPA 100256								
4,4'-DDD	ND	0.00841		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
4,4'-DDE	ND	0.00420		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
4,4'-DDT	ND	0.00841		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Aldrin	ND	0.00420		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
alpha-BHC	ND	0.00420		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
alpha-Chlordane	ND	0.00420		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
beta-BHC	ND	0.00841		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Chlordane	ND	0.0420		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
delta-BHC	ND	0.00420		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Dieldrin	ND	0.00420		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Endosulfan I	ND	0.00420		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Endosulfan II	ND	0.00420		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Endosulfan sulfate	ND	0.00841		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Endrin	ND	0.00420		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Endrin aldehyde	ND	0.00841		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Endrin ketone	ND	0.00841		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
gamma-BHC	ND	0.00420		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
gamma-Chlordane	ND	0.00841		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Heptachlor	ND	0.00420		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Heptachlor epoxide	ND	0.00420		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Methoxychlor	ND	0.00841		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408
Toxaphene	ND	0.526		mg/Kg dry	1	01/16/2026	B26A0624	S26A0408

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 1/23/2026
Date Printed: 1/23/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0489
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-2-1314
Collection Date: 01/15/2026 13:15
Matrix: Soil

Lab ID: O26A0489-09 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Herbicides by HPLC	**SW8321B / SW3546**			Prep Date: **01/16/2026**		Analyst: **JPP**		
ILEPA 100256								
2,4,5-TP (Silvex)	ND	2.10		mg/Kg dry	1	01/19/2026	B26A0601	S26A0456
2,4-D	ND	2.10		mg/Kg dry	1	01/19/2026	B26A0601	S26A0456
Dalapon	ND	6.43		mg/Kg dry	1	01/19/2026	B26A0601	S26A0456
Dinoseb	ND	2.10		mg/Kg dry	1	01/19/2026	B26A0601	S26A0456
Picloram	ND	1.05	*	mg/Kg dry	1	01/19/2026	B26A0601	S26A0456
Metals by ICP-MS	**SW6020 B / SW3050**			Prep Date: **01/19/2026**		Analyst: **MS6**		
ILEPA 100256								
Aluminum	**786**	10.4		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Antimony	ND	1.04		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Arsenic	**1.08**	0.520		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Barium	**11.9**	0.520		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Beryllium	ND	0.260		mg/Kg dry	10	01/20/2026	B26A0730	S26A0511
Cadmium	ND	0.260		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Calcium	**76,500**	312		mg/Kg dry	100	01/20/2026	B26A0730	S26A0475
Chromium	**4.96**	0.520		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Cobalt	**1.34**	0.520		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Copper	**6.81**	1.30		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Iron	**2,350**	15.6		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Lead	**40.4**	0.260		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Magnesium	**48,600**	15.6		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Manganese	**122**	0.520		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Nickel	**5.58**	0.520		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Potassium	**393**	15.6		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Selenium	ND	0.520		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Silver	ND	0.520		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Sodium	**139**	31.2		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Thallium	ND	0.520		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Vanadium	**3.30**	0.520		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Zinc	**16.9**	0.416		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Mercury by CVAA	**SW7471B**			Prep Date: **01/19/2026**		Analyst: **NB3**		
ILEPA 100256								
Mercury	**0.0689**	0.0518		mg/Kg dry	1	01/19/2026	B26A0709	S26A0430
Wet Chemistry	**SM2540G**			Prep Date: **01/21/2026**		Analyst: **VE1**		
Total Solids	**94.2**	0.100	*	% (Percent)	1	01/22/2026	B26A0849	

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 1/23/2026
Date Printed: 1/23/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0489
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-2-1314
Collection Date: 01/15/2026 13:15
Matrix: Soil

Lab ID: O26A0489-09 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Wet Chemistry		**SW9014 / SW9010B**		Prep Date: **01/19/2026**		Analyst: **LN2**		
ILEPA 100256								
Cyanide	ND	0.249		mg/Kg dry	1	01/20/2026	B26A0738	S26A0457
Wet Chemistry		**SW9045D**		Prep Date: **01/17/2026**		Analyst: **BW1**		
ILEPA 100256								
pH measured in water at reported temperature	**9.44**			pH Units	1	01/17/2026	B26A0687	
pH Temperature	**19.2**			°C	1	01/17/2026	B26A0687	

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated method blank
HT - Sample received past holding time
J1 - Estimated result based on MS/MSD results
* - Non-accredited parameter
RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
P - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded
Q - Quality control issue. Please see case narrative

sterling labs
509 N. 3rd Ave., Des Plaines, IL 60016 Phone: (800) 246-0663
2242 W. Harrison St., Suite 200, Chicago, IL 60612 Phone: (312) 733-0551
info@thesterlinglab.com

1/15/26

O26A0489
PM:Laura Dudek
GSG Consultants, Inc.

CHAIN OF CUSTODY RECORD

Page : 1 of 1

Company: GSG Consultants
Project Number: 25-2103 Client Tracking No.:
Project Name: UIC Drug Discovery Center
Project Location: 820. S. Paulina
Sampler(s): MN / TR
Report To: Michael Nuccio Phone:
Ted Cagney Fax: Mnuccio@gsg-consultants.com
QC Level: 1 ___ 2 ___ 3 ___ 4 ___ e-mail: tcagney@gsg-consultants.com

P.O. No.:
Quote No.:
Turn Around Time (Days): 1 2 3 4 (5-7) 10
Results Needed: / / am/pm

Client Sample Number/Description:	Date Taken	Time Taken	Matrix	Comp.	Grab	Preserv.	No. of Containers	TCL	pest	Herb	pH	Remarks	Lab No.:
B-1-0506	1/15/26	9:00	Soil		X		5	X	X	X	X		01A-E
B-1-1213		9:15					5	X	X	X	X		02A-E
B-4-0607		8:55					5	X	X	X	X		03A-E
B-6-0605		8:50					5	X	X	X	X		04A-E
B-6-0910		9:10					5	X	X	X	X		05A-E
B-9-0809		11:40					5	X	X	X	X		06A-E
B-10-0607		12:50					5	X	X	X	X		07A-E
B-10-1112		12:55					5	X	X	X	X		08A-E
B-2-1314		1:15p					5	X	X	X	X		09A-E

Relinquished by: (Signature) Michael Nuccio	Date/Time: 1/15/26 1:48	Comments:
Received by: (Signature) MP	Date/Time: 1/15/26 3:49	4H
Relinquished by: (Signature)	Date/Time: 1/15/26 15:00	
Received by: (Signature) Mather	Date/Time: 1-15-26 15:00	
Relinquished by: (Signature) Mather	Date/Time: 1-15-26 16:20	Preservation Code: A = None B = HNO_3 C = NaOH
Received by: (Signature)	Date/Time: 1-15-26 16:20	D = H_2SO_4 E = HCl F = 5035/EnCore G = Other

Laboratory Work Order No.: O26A0489

Received on Ice: Yes X No

Temperature: On Ice °C 4H

Sample Receipt Checklist

Work Order: O26A0489

Printed: 1/16/2026 12:00:18PM

Client: GSG Consultants, Inc.
Project: Analytical Testing

Date Due: Thursday, January 22, 2026

Received By: Miranda Padgett
Logged In By: Oscar Madrigal

Date Received: 1/15/2026 1:48:00PM
Date Logged In: 1/15/2026 7:59:00PM

Cooler Name: 2023-09

How were samples received: Courier

Cooler temperature at or below 6 degrees Celsius: NA

Chain of Custody present and properly completed : Yes

Turn Around Time is indicated and specified: Yes

Chain of Custody agrees with sample labels: Yes

Samples received within hold time: Yes

Proper sample containers received intact: Yes

Sufficient sample volume: Yes

Containers properly preserved: Yes

Custody seals present: No

Volatile water vials received: No

Sample Receipt Comments
Work Order: O26A0489
The samples were received on 1/15/2026 01:48:00 PM.

The following coolers were received containing ice and the samples were collecte the same day: 2023-09

The samples were received within acceptable criteria.

Samples going out of hold time within 24 hours:

_____

_____

_____

_____

OK3 — Reviewed By:

1/16/26 — Date:

sterling labs - O'Hare Location

509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

January 23, 2026

GSG Consultants, Inc.
735 Remington Road
Schaumburg, IL 60173

Telephone: (630) 994-2600
Fax: (630) 994-2699

Analytical Report for Work Order: O26A0584 Revision 0

RE: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Dear GSG Consultants, Inc.:

Sterling Labs has received 5 samples for the referenced project on January 16, 2026 14:39. The analytical results are presented in the following report.

All analyses were performed in accordance with the requirements of 35 IAC Pat 186 / TNI standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (847) 967-6666.

Sincerely,



Laura Dudek
Environmental Project Manager

The information contained in this report and any attachments is confidential information intended only for the use of the individual or entities named above. The results of this report relate only to the samples as received and tested. Sterling Labs is not responsible for customer provided information found in the report that is used to calculate final results. If you have received this report in error, please notify us immediately by phone. This report shall not be reproduced, except in its entirety, unless written approval has been obtained from the laboratory. This analytical report shall become property of the Customer upon payment in full. Otherwise, Sterling Labs will be under no obligation to support, defend or dicuss the analytical report

sterling labs - O'Hare Location

509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Customer: GSG Consultants, Inc.

Proiect: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Work Order Sample Summary

WorkOrder: O26A0584

Laboratory ID	Sample ID	Tag Number	Collection Date	Date Received
O26A0584-01	B-5-0506		01/16/26 09:20	01/16/26 14:39
O26A0584-02	B-5-1415		01/16/26 09:35	01/16/26 14:39
O26A0584-03	B-7-0809		01/16/26 09:15	01/16/26 14:39
O26A0584-04	B-8-0607		01/16/26 12:00	01/16/26 14:39
O26A0584-05	B-8-1112		01/16/26 12:10	01/16/26 14:39

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Customer: GSG Consultants, Inc.

Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Case Narrative

WorkOrder: O26A0584

Work Order: O26A0584
The samples were received on 1/16/2026 2:39:00 PM. The temperature of the cooler(s) at receipt was:

The following coolers were received containing ice and the samples were collected the same day:
Default Cooler.
The samples were received within acceptable criteria.

GC Semivolatiles

8082 PCB
The following exceptions were found in the CCV, BS and/or BSD associated with the samples.

Sample ID	Analyte	% R	LCL	UCL	RPD	RPDL
S26A0449-CCV2	Decachlorobiphenyl	123	80	120		

The following exceptions were found for the sample surrogate.

Sample ID	Analyte	% R	LCL	UCL
O26A0584-04	Decachlorobiphenyl	146	10	127

HPLC Semivolatiles

8321_Herb
The reporting limit for Dalapon was lowered to the TACO limit.

O26A0581-01: The sample was utilized for MS/MSD purposes. The following exceptions in recovery and/or RPD results were found.

Sample ID	Analyte	% R	LCL	UCL	RPD	RPDL
B26A0757-MS1	2,4,5-TP (Silvex)	ND	10	134		
B26A0757-MS2	Dinoseb	-245	50	150		
B26A0757-MS2	Pentachlorophenol	ND	50	150		
B26A0757-MSD1	2,4-D				38	30
B26A0757-MSD1	Picloram				68	30
B26A0757-MSD2	Dinoseb	-79	50	150	72	30
B26A0757-MSD2	Pentachlorophenol	ND	50	150		

GCMS Semivolatiles

8270 SVOC

The following exceptions were found in the CCV, BS and/or BSD associated with the samples.

Sample ID	Analyte	% R	LCL	UCL	RPD	RPDL
S26A0472-CCV1	Benzoic acid	79	80	120		
S26A0472-CCV1	Hexachlorocyclopentadiene	55	80	120		

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 1/23/2026
Date Printed: 1/23/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0584
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-5-0506
Collection Date: 01/16/2026 09:20
Matrix: Soil

Lab ID: O26A0584-01

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Volatile Organic Compounds by GC/MS **SW8260B / SW5035**				Prep Date: **01/20/2026**		Analyst: **CP1**		
ILEPA 100256								
Acetone	ND	0.0822		mg/Kg dry	1	01/20/2026	B26A0835	S26A0497
Benzene	ND	0.00500		mg/Kg dry	1	01/20/2026	B26A0835	S26A0497
Bromodichloromethane	ND	0.00235		mg/Kg dry	1	01/20/2026	B26A0835	S26A0497
Bromoform	ND	0.00470		mg/Kg dry	1	01/20/2026	B26A0835	S26A0497
Bromomethane	ND	0.0235		mg/Kg dry	1	01/20/2026	B26A0835	S26A0497
2-Butanone	ND	0.0329		mg/Kg dry	1	01/20/2026	B26A0835	S26A0497
Carbon disulfide	ND	0.00470		mg/Kg dry	1	01/20/2026	B26A0835	S26A0497
Carbon tetrachloride	ND	0.0235		mg/Kg dry	1	01/20/2026	B26A0835	S26A0497
Chlorobenzene	ND	0.00470		mg/Kg dry	1	01/20/2026	B26A0835	S26A0497
Chloroethane	ND	0.00940		mg/Kg dry	1	01/20/2026	B26A0835	S26A0497
Chloroform	ND	0.00470		mg/Kg dry	1	01/20/2026	B26A0835	S26A0497
Chloromethane	ND	0.00940		mg/Kg dry	1	01/20/2026	B26A0835	S26A0497
Dibromochloromethane	ND	0.00235		mg/Kg dry	1	01/20/2026	B26A0835	S26A0497
1,1-Dichloroethane	ND	0.00470		mg/Kg dry	1	01/20/2026	B26A0835	S26A0497
1,2-Dichloroethane	ND	0.00235		mg/Kg dry	1	01/20/2026	B26A0835	S26A0497
1,1-Dichloroethene	ND	0.00235		mg/Kg dry	1	01/20/2026	B26A0835	S26A0497
cis-1,2-Dichloroethene	ND	0.00470		mg/Kg dry	1	01/20/2026	B26A0835	S26A0497
trans-1,2-Dichloroethene	ND	0.00470		mg/Kg dry	1	01/20/2026	B26A0835	S26A0497
1,2-Dichloropropane	ND	0.00235		mg/Kg dry	1	01/20/2026	B26A0835	S26A0497
cis-1,3-Dichloropropene	ND	0.00400		mg/Kg dry	1	01/20/2026	B26A0835	S26A0497
trans-1,3-Dichloropropene	ND	0.00400		mg/Kg dry	1	01/20/2026	B26A0835	S26A0497
Ethylbenzene	ND	0.00940		mg/Kg dry	1	01/20/2026	B26A0835	S26A0497
2-Hexanone	ND	0.0329		mg/Kg dry	1	01/20/2026	B26A0835	S26A0497
4-Methyl-2-pentanone	ND	0.0329		mg/Kg dry	1	01/20/2026	B26A0835	S26A0497
Methylene chloride	ND	0.0200		mg/Kg dry	1	01/20/2026	B26A0835	S26A0497
Methyl tert-butyl ether	ND	0.00235		mg/Kg dry	1	01/20/2026	B26A0835	S26A0497
Styrene	ND	0.00940		mg/Kg dry	1	01/20/2026	B26A0835	S26A0497
1,1,2,2-Tetrachloroethane	ND	0.00235		mg/Kg dry	1	01/20/2026	B26A0835	S26A0497
Tetrachloroethene	ND	0.00470		mg/Kg dry	1	01/20/2026	B26A0835	S26A0497
Toluene	ND	0.00500		mg/Kg dry	1	01/20/2026	B26A0835	S26A0497
1,1,1-Trichloroethane	ND	0.00235		mg/Kg dry	1	01/20/2026	B26A0835	S26A0497
1,1,2-Trichloroethane	ND	0.00235		mg/Kg dry	1	01/20/2026	B26A0835	S26A0497
Trichloroethene	ND	0.00235		mg/Kg dry	1	01/20/2026	B26A0835	S26A0497
Vinyl chloride	ND	0.00470		mg/Kg dry	1	01/20/2026	B26A0835	S26A0497
Xylenes, Total	ND	0.0141		mg/Kg dry	1	01/20/2026	B26A0835	S26A0497

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 1/23/2026
Date Printed: 1/23/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0584
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-5-0506
Collection Date: 01/16/2026 09:20
Matrix: Soil

Lab ID: O26A0584-01 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Semivolatile Organic Compounds by GC/MSW8270D / SW3550				Prep Date: **01/19/2026**			Analyst: **TM1**	
ILEPA 100256								
Acenaphthene	**0.353**	0.0790		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Acenaphthylene	**0.856**	0.0790		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Aniline	ND	0.790		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Anthracene	**1.64**	0.119		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Benzo(a)anthracene	**5.56**	0.119		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Benzidine	ND	13.2		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Benzo(a)pyrene	**5.57**	0.316		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Benzo(b)fluoranthene	**6.72**	0.119		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Benzo(g,h,i)perylene	**3.32**	0.158		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Benzo(k)fluoranthene	**2.03**	0.158		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Benzoic acid	ND	6.32	Q	mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Benzyl alcohol	ND	0.119		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Bis(2-chloroethoxy)methane	ND	0.0790		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Bis(2-chloroethyl)ether	ND	0.0395		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Bis(2-ethylhexyl)phthalate	ND	0.790		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
4-Bromophenyl-phenylether	ND	0.119		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Butyl benzyl phthalate	ND	0.237		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Carbazole	**0.304**	0.0790		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
4-Chloroaniline	ND	0.119		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
4-Chloro-3-methylphenol	ND	0.0790		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
2-Chloronaphthalene	ND	0.0790		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
2-Chlorophenol	ND	0.0790		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
4-Chlorophenyl-phenylether	ND	0.119		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
2,2´-oxybis(1-chloropropane)	ND	3.16		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Chrysene	**5.37**	0.0790		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Dibenzo(a,h)anthracene	**0.855**	0.119		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Dibenzofuran	**0.292**	0.119		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
1,2-Dichlorobenzene	ND	0.119		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
1,3-Dichlorobenzene	ND	0.119		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
1,4-Dichlorobenzene	ND	0.119		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
3,3´-Dichlorobenzidine	ND	0.474		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
2,4-Dichlorophenol	ND	0.0790		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Diethyl phthalate	ND	0.790		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Dimethyl phthalate	ND	0.0790		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
2,4-Dimethylphenol	ND	0.237		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Di-n-butyl phthalate	ND	0.237		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
4,6-Dinitro-2-methylphenol	ND	3.16		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
2,4-Dinitrophenol	ND	0.790		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
2,4-Dinitrotoluene	ND	0.119		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 1/23/2026
Date Printed: 1/23/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0584
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-5-0506
Collection Date: 01/16/2026 09:20
Matrix: Soil

Lab ID: O26A0584-01 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Semivolatile Organic Compounds by GC/MSW8270D / SW3550				Prep Date: **01/19/2026**			Analyst: **TM1**	
ILEPA 100256								
2,6-Dinitrotoluene	ND	0.0790		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Di-n-octyl phthalate	ND	0.119		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Fluoranthene	**9.78**	0.119		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Fluorene	**0.529**	0.0790		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Hexachlorobenzene	ND	0.0790		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Hexachlorobutadiene	ND	0.158		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Hexachlorocyclopentadiene	ND	3.16	Q	mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Hexachloroethane	ND	0.158		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Indeno(1,2,3-cd)pyrene	**3.59**	0.119		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Isophorone	ND	0.119		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
2-Methylnaphthalene	**0.163**	0.119		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
2-Methylphenol	ND	0.0395		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
3 & 4-Methylphenol	ND	0.158		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Naphthalene	**0.171**	0.119		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
2-Nitroaniline	ND	0.119		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
3-Nitroaniline	ND	0.119		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
4-Nitroaniline	ND	0.158		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Nitrobenzene	ND	0.158		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
2-Nitrophenol	ND	0.119		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
4-Nitrophenol	ND	3.16		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
N-Nitrosodimethylamine	ND	0.158		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
N-Nitrosodi-n-propylamine	ND	0.0371		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
N-Nitrosodiphenylamine	ND	0.119		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Pentachlorophenol	ND	0.110		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Phenanthrene	**5.36**	0.119		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Phenol	ND	0.158		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Pyrene	**13.7**	0.119		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Pyridine	ND	3.16		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
1,2,4-Trichlorobenzene	ND	0.119		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
2,4,5-Trichlorophenol	ND	0.0790		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
2,4,6-Trichlorophenol	ND	0.0790		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 1/23/2026
Date Printed: 1/23/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0584
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-5-0506
Collection Date: 01/16/2026 09:20
Matrix: Soil

Lab ID: O26A0584-01 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Polychlorinated Biphenyls (PCBs) by GC/ESW8082A / SW3546				Prep Date: **01/19/2026**		Analyst: **YC1**		
ILEPA 100256								
Aroclor 1016	ND	0.0264		mg/Kg dry	1	01/19/2026	B26A0679	S26A0449
Aroclor 1221	ND	0.0791		mg/Kg dry	1	01/19/2026	B26A0679	S26A0449
Aroclor 1232	ND	0.100		mg/Kg dry	1	01/19/2026	B26A0679	S26A0449
Aroclor 1242	ND	0.0396		mg/Kg dry	1	01/19/2026	B26A0679	S26A0449
Aroclor 1248	ND	0.0396		mg/Kg dry	1	01/19/2026	B26A0679	S26A0449
Aroclor 1254	ND	0.0264		mg/Kg dry	1	01/19/2026	B26A0679	S26A0449
Aroclor 1260	ND	0.0396		mg/Kg dry	1	01/19/2026	B26A0679	S26A0449
Organochlorine Pesticides by GC/ECD	**SW8081B / SW3546**			Prep Date: **01/19/2026**		Analyst: **ER3**		
ILEPA 100256								
4,4'-DDD	ND	0.0105		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
4,4'-DDE	ND	0.00527		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
4,4'-DDT	ND	0.0105		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Aldrin	ND	0.00527		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
alpha-BHC	ND	0.00527		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
alpha-Chlordane	ND	0.00527		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
beta-BHC	ND	0.0105		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Chlordane	ND	0.0527		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
delta-BHC	ND	0.00527		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Dieldrin	ND	0.00527		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Endosulfan I	ND	0.00527		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Endosulfan II	ND	0.00527		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Endosulfan sulfate	ND	0.0105		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Endrin	ND	0.00527		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Endrin aldehyde	ND	0.0105		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Endrin ketone	ND	0.0105		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
gamma-BHC	ND	0.00527		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
gamma-Chlordane	ND	0.0105		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Heptachlor	ND	0.00527		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Heptachlor epoxide	ND	0.00527		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Methoxychlor	ND	0.0105		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Toxaphene	ND	0.600		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 1/23/2026
Date Printed: 1/23/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0584
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-5-0506
Collection Date: 01/16/2026 09:20
Matrix: Soil

Lab ID: O26A0584-01 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Herbicides by HPLC	**SW8321B / SW3546**			Prep Date: **01/20/2026**		Analyst: **JPP**		
ILEPA 100256								
2,4,5-TP (Silvex)	ND	0.255	J1	mg/Kg dry	1	01/21/2026	B26A0757	S26A0498
2,4-D	ND	0.255	J1	mg/Kg dry	1	01/21/2026	B26A0757	S26A0498
Dalapon	ND	0.850		mg/Kg dry	1	01/21/2026	B26A0757	S26A0498
Dinoseb	ND	0.255		mg/Kg dry	1	01/22/2026	B26A0757	S26A0577
Picloram	ND	0.128	* J1	mg/Kg dry	1	01/21/2026	B26A0757	S26A0498
Metals by ICP-MS	**SW6020 B / SW3050**			Prep Date: **01/19/2026**		Analyst: **MS6**		
ILEPA 100256								
Aluminum	**5,100**	13.2		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Antimony	ND	1.32		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Arsenic	**13.8**	0.658		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Barium	**292**	0.658		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Beryllium	**0.969**	0.329		mg/Kg dry	10	01/20/2026	B26A0730	S26A0511
Cadmium	**1.23**	0.329		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Calcium	**19,300**	39.5		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Chromium	**15.0**	0.658		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Cobalt	**5.13**	0.658		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Copper	**139**	1.65		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Iron	**12,100**	19.8		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Lead	**1,400**	3.29		mg/Kg dry	100	01/22/2026	B26A0730	S26A0551
Magnesium	**6,910**	19.8		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Manganese	**161**	0.658		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Nickel	**13.4**	0.658		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Potassium	**758**	19.8		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Selenium	**2.06**	0.658		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Silver	ND	0.658		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Sodium	**2,040**	39.5		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Thallium	ND	0.658		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Vanadium	**19.1**	0.658		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Zinc	**622**	0.527		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Mercury by CVAA	**SW7471B**			Prep Date: **01/19/2026**		Analyst: **DM2**		
ILEPA 100256								
Mercury	**1.92**	0.640		mg/Kg dry	10	01/19/2026	B26A0697	S26A0409
Wet Chemistry	**SM2540G**			Prep Date: **01/21/2026**		Analyst: **VE1**		
Total Solids	**75.7**	0.100	*	% (Percent)	1	01/22/2026	B26A0849	

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 1/23/2026
Date Printed: 1/23/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0584
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-5-0506
Collection Date: 01/16/2026 09:20
Matrix: Soil

Lab ID: O26A0584-01 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Wet Chemistry	**SW9014 / SW9010B**			Prep Date: **01/19/2026**		Analyst: **LN2**		
ILEPA 100256								
Cyanide	ND	0.312		mg/Kg dry	1	01/20/2026	B26A0738	S26A0457
Wet Chemistry	**SW9045D**			Prep Date: **01/18/2026**		Analyst: **GV1**		
ILEPA 100256								
pH measured in water at reported temperature	**7.48**			pH Units	1	01/18/2026	B26A0692	
pH Temperature	**19.4**			°C	1	01/18/2026	B26A0692	

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 1/23/2026
Date Printed: 1/23/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0584
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-5-1415
Collection Date: 01/16/2026 09:35
Matrix: Soil

Lab ID: O26A0584-02

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Volatile Organic Compounds by GC/MS **SW8260B / SW5035**				Prep Date: **01/19/2026**		Analyst: **CP1**		
ILEPA 100256								
Acetone	ND	0.0756		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Benzene	ND	0.00500		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Bromodichloromethane	ND	0.00216		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Bromoform	ND	0.00432		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Bromomethane	ND	0.0216		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
2-Butanone	ND	0.0302		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Carbon disulfide	ND	0.00432		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Carbon tetrachloride	ND	0.0216		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Chlorobenzene	ND	0.00432		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Chloroethane	ND	0.00864		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Chloroform	ND	0.00432		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Chloromethane	ND	0.00864		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Dibromochloromethane	ND	0.00216		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,1-Dichloroethane	ND	0.00432		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,2-Dichloroethane	ND	0.00216		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,1-Dichloroethene	ND	0.00216		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
cis-1,2-Dichloroethene	ND	0.00432		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
trans-1,2-Dichloroethene	ND	0.00432		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,2-Dichloropropane	ND	0.00216		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
cis-1,3-Dichloropropene	ND	0.00400		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
trans-1,3-Dichloropropene	ND	0.00400		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Ethylbenzene	ND	0.00864		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
2-Hexanone	ND	0.0302		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
4-Methyl-2-pentanone	ND	0.0302		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Methylene chloride	ND	0.0200		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Methyl tert-butyl ether	ND	0.00216		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Styrene	ND	0.00864		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,1,2,2-Tetrachloroethane	ND	0.00216		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Tetrachloroethene	ND	0.00432		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Toluene	ND	0.00500		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,1,1-Trichloroethane	ND	0.00216		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,1,2-Trichloroethane	ND	0.00216		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Trichloroethene	ND	0.00216		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Vinyl chloride	ND	0.00432		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Xylenes, Total	ND	0.0130		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 1/23/2026
Date Printed: 1/23/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0584
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-5-1415
Collection Date: 01/16/2026 09:35
Matrix: Soil

Lab ID: O26A0584-02 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Semivolatile Organic Compounds by GC/MSW8270D / SW3550				Prep Date: **01/19/2026**			Analyst: **TM1**	
ILEPA 100256								
Acenaphthene	**0.0879**	0.0188		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Acenaphthylene	ND	0.0188		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Aniline	ND	0.188		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Anthracene	**0.239**	0.0282		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Benzo(a)anthracene	**0.278**	0.0282		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Benzidine	ND	3.13		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Benzo(a)pyrene	**0.221**	0.0751		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Benzo(b)fluoranthene	**0.239**	0.0282		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Benzo(g,h,i)perylene	**0.134**	0.0375		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Benzo(k)fluoranthene	**0.0845**	0.0375		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Benzoic acid	ND	1.50		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Benzyl alcohol	ND	0.0282		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Bis(2-chloroethoxy)methane	ND	0.0188		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Bis(2-chloroethyl)ether	ND	0.00939		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Bis(2-ethylhexyl)phthalate	ND	0.188		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
4-Bromophenyl-phenylether	ND	0.0282		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Butyl benzyl phthalate	ND	0.0563		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Carbazole	**0.0788**	0.0188		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
4-Chloroaniline	ND	0.0282		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
4-Chloro-3-methylphenol	ND	0.0188		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
2-Chloronaphthalene	ND	0.0188		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
2-Chlorophenol	ND	0.0188		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
4-Chlorophenyl-phenylether	ND	0.0282		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
2,2´-oxybis(1-chloropropane)	ND	0.751		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Chrysene	**0.267**	0.0188		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Dibenzo(a,h)anthracene	ND	0.0282		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Dibenzofuran	**0.0566**	0.0282		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
1,2-Dichlorobenzene	ND	0.0282		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
1,3-Dichlorobenzene	ND	0.0282		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
1,4-Dichlorobenzene	ND	0.0282		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
3,3´-Dichlorobenzidine	ND	0.113		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
2,4-Dichlorophenol	ND	0.0188		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Diethyl phthalate	ND	0.188		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Dimethyl phthalate	ND	0.0188		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
2,4-Dimethylphenol	ND	0.0563		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Di-n-butyl phthalate	ND	0.0563		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
4,6-Dinitro-2-methylphenol	ND	0.751		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
2,4-Dinitrophenol	ND	0.188		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
2,4-Dinitrotoluene	ND	0.0282		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 1/23/2026
Date Printed: 1/23/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0584
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-5-1415
Collection Date: 01/16/2026 09:35
Matrix: Soil

Lab ID: O26A0584-02 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Semivolatile Organic Compounds by GC/MSW8270D / SW3550				Prep Date: **01/19/2026**		Analyst: **TM1**		
ILEPA 100256								
2,6-Dinitrotoluene	ND	0.0188		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Di-n-octyl phthalate	ND	0.0282		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Fluoranthene	**0.626**	0.0282		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Fluorene	**0.0926**	0.0188		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Hexachlorobenzene	ND	0.0188		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Hexachlorobutadiene	ND	0.0375		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Hexachlorocyclopentadiene	ND	0.751		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Hexachloroethane	ND	0.0375		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Indeno(1,2,3-cd)pyrene	**0.112**	0.0282		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Isophorone	ND	0.0282		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
2-Methylnaphthalene	**0.0513**	0.0282		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
2-Methylphenol	ND	0.00939		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
3 & 4-Methylphenol	ND	0.0375		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Naphthalene	**0.0325**	0.0282		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
2-Nitroaniline	ND	0.0282		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
3-Nitroaniline	ND	0.0282		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
4-Nitroaniline	ND	0.0375		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Nitrobenzene	ND	0.0375		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
2-Nitrophenol	ND	0.0282		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
4-Nitrophenol	ND	0.751		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
N-Nitrosodimethylamine	ND	0.0375		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
N-Nitrosodi-n-propylamine	ND	0.00880		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
N-Nitrosodiphenylamine	ND	0.0282		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Pentachlorophenol	ND	0.0261		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Phenanthrene	**0.826**	0.0282		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Phenol	ND	0.0375		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Pyrene	**0.657**	0.0282		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Pyridine	ND	0.751		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
1,2,4-Trichlorobenzene	ND	0.0282		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
2,4,5-Trichlorophenol	ND	0.0188		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
2,4,6-Trichlorophenol	ND	0.0188		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 1/23/2026
Date Printed: 1/23/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0584
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-5-1415
Collection Date: 01/16/2026 09:35
Matrix: Soil

Lab ID: O26A0584-02 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Polychlorinated Biphenyls (PCBs) by GC/ESW8082A / SW3546				Prep Date: **01/19/2026**			Analyst: **YC1**	
ILEPA 100256								
Aroclor 1016	ND	0.0244		mg/Kg dry	1	01/19/2026	B26A0679	S26A0449
Aroclor 1221	ND	0.0733		mg/Kg dry	1	01/19/2026	B26A0679	S26A0449
Aroclor 1232	ND	0.0977		mg/Kg dry	1	01/19/2026	B26A0679	S26A0449
Aroclor 1242	ND	0.0366		mg/Kg dry	1	01/19/2026	B26A0679	S26A0449
Aroclor 1248	ND	0.0366		mg/Kg dry	1	01/19/2026	B26A0679	S26A0449
Aroclor 1254	ND	0.0244		mg/Kg dry	1	01/19/2026	B26A0679	S26A0449
Aroclor 1260	ND	0.0366		mg/Kg dry	1	01/19/2026	B26A0679	S26A0449
Organochlorine Pesticides by GC/ECD	**SW8081B / SW3546**			Prep Date: **01/19/2026**			Analyst: **ER3**	
ILEPA 100256								
4,4'-DDD	ND	0.00977		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
4,4'-DDE	ND	0.00488		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
4,4'-DDT	ND	0.00977		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Aldrin	ND	0.00488		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
alpha-BHC	ND	0.00488		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
alpha-Chlordane	ND	0.00488		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
beta-BHC	ND	0.00977		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Chlordane	ND	0.0488		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
delta-BHC	ND	0.00488		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Dieldrin	ND	0.00488		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Endosulfan I	ND	0.00488		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Endosulfan II	ND	0.00488		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Endosulfan sulfate	ND	0.00977		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Endrin	ND	0.00488		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Endrin aldehyde	ND	0.00977		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Endrin ketone	ND	0.00977		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
gamma-BHC	ND	0.00488		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
gamma-Chlordane	ND	0.00977		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Heptachlor	ND	0.00488		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Heptachlor epoxide	ND	0.00488		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Methoxychlor	ND	0.00977		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Toxaphene	ND	0.600		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 1/23/2026
Date Printed: 1/23/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0584
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-5-1415
Collection Date: 01/16/2026 09:35
Matrix: Soil

Lab ID: O26A0584-02 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Herbicides by HPLC	**SW8321B / SW3546**			Prep Date: **01/20/2026**		Analyst: **JPP**		
ILEPA 100256								
2,4,5-TP (Silvex)	ND	0.250		mg/Kg dry	1	01/21/2026	B26A0757	S26A0498
2,4-D	ND	0.250		mg/Kg dry	1	01/21/2026	B26A0757	S26A0498
Dalapon	ND	0.850		mg/Kg dry	1	01/21/2026	B26A0757	S26A0498
Dinoseb	ND	0.250		mg/Kg dry	1	01/22/2026	B26A0757	S26A0577
Picloram	ND	0.125	*	mg/Kg dry	1	01/21/2026	B26A0757	S26A0498
Metals by ICP-MS	**SW6020 B / SW3050**			Prep Date: **01/19/2026**		Analyst: **MS6**		
ILEPA 100256								
Aluminum	**5,800**	12.5		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Antimony	ND	1.25		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Arsenic	**6.05**	0.627		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Barium	**41.8**	0.627		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Beryllium	**0.374**	0.313		mg/Kg dry	10	01/20/2026	B26A0730	S26A0511
Cadmium	ND	0.313		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Calcium	**43,100**	37.6		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Chromium	**13.3**	0.627		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Cobalt	**9.42**	0.627		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Copper	**28.0**	1.57		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Iron	**15,800**	18.8		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Lead	**42.0**	0.313		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Magnesium	**21,100**	18.8		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Manganese	**320**	0.627		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Nickel	**23.6**	0.627		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Potassium	**1,330**	18.8		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Selenium	ND	0.627		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Silver	ND	0.627		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Sodium	**357**	37.6		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Thallium	ND	0.627		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Vanadium	**13.5**	0.627		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Zinc	**48.7**	0.501		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Mercury by CVAA	**SW7471B**			Prep Date: **01/19/2026**		Analyst: **DM2**		
ILEPA 100256								
Mercury	ND	0.0625		mg/Kg dry	1	01/19/2026	B26A0697	S26A0409
Wet Chemistry	**SM2540G**			Prep Date: **01/21/2026**		Analyst: **VE1**		
Total Solids	**79.5**	0.100	*	% (Percent)	1	01/23/2026	B26A0886	

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 1/23/2026
Date Printed: 1/23/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0584
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-5-1415
Collection Date: 01/16/2026 09:35
Matrix: Soil

Lab ID: O26A0584-02 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Wet Chemistry	**SW9014 / SW9010B**			Prep Date: **01/19/2026**		Analyst: **LN2**		
ILEPA 100256								
Cyanide	ND	0.291		mg/Kg dry	1	01/20/2026	B26A0738	S26A0457
Wet Chemistry	**SW9045D**			Prep Date: **01/18/2026**		Analyst: **GV1**		
ILEPA 100256								
pH measured in water at reported temperature	**7.22**			pH Units	1	01/18/2026	B26A0692	
pH Temperature	**19.1**			°C	1	01/18/2026	B26A0692	

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 1/23/2026
Date Printed: 1/23/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0584
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-7-0809
Collection Date: 01/16/2026 09:15
Matrix: Soil

Lab ID: O26A0584-03

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Volatile Organic Compounds by GC/MS **SW8260B / SW5035**				Prep Date: **01/19/2026**		Analyst: **CP1**		
ILEPA 100256								
Acetone	ND	0.0611		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Benzene	ND	0.00500		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Bromodichloromethane	ND	0.00174		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Bromoform	ND	0.00349		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Bromomethane	ND	0.0174		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
2-Butanone	ND	0.0244		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Carbon disulfide	ND	0.00349		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Carbon tetrachloride	ND	0.0174		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Chlorobenzene	ND	0.00349		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Chloroethane	ND	0.00698		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Chloroform	ND	0.00349		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Chloromethane	ND	0.00698		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Dibromochloromethane	ND	0.00174		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,1-Dichloroethane	ND	0.00349		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,2-Dichloroethane	ND	0.00174		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,1-Dichloroethene	ND	0.00174		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
cis-1,2-Dichloroethene	ND	0.00349		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
trans-1,2-Dichloroethene	ND	0.00349		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,2-Dichloropropane	ND	0.00174		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
cis-1,3-Dichloropropene	ND	0.00349		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
trans-1,3-Dichloropropene	ND	0.00349		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Ethylbenzene	ND	0.00698		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
2-Hexanone	ND	0.0244		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
4-Methyl-2-pentanone	ND	0.0244		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Methylene chloride	ND	0.0174		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Methyl tert-butyl ether	ND	0.00174		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Styrene	ND	0.00698		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,1,2,2-Tetrachloroethane	ND	0.00174		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Tetrachloroethene	ND	0.00349		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Toluene	ND	0.00500		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,1,1-Trichloroethane	ND	0.00174		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,1,2-Trichloroethane	ND	0.00174		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Trichloroethene	ND	0.00174		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Vinyl chloride	ND	0.00349		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Xylenes, Total	ND	0.0105		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 1/23/2026
Date Printed: 1/23/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0584
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-7-0809
Collection Date: 01/16/2026 09:15
Matrix: Soil

Lab ID: O26A0584-03 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Semivolatile Organic Compounds by GC/MSW8270D / SW3550				Prep Date: **01/19/2026**		Analyst: **TM1**		
ILEPA 100256								
Acenaphthene	**0.315**	0.0727		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Acenaphthylene	ND	0.0727		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Aniline	ND	0.727		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Anthracene	**0.838**	0.109		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Benzo(a)anthracene	**2.35**	0.109		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Benzidine	ND	12.1		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Benzo(a)pyrene	**2.31**	0.291		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Benzo(b)fluoranthene	**3.25**	0.109		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Benzo(g,h,i)perylene	**1.48**	0.145		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Benzo(k)fluoranthene	**1.01**	0.145		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Benzoic acid	ND	5.81	Q	mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Benzyl alcohol	ND	0.109		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Bis(2-chloroethoxy)methane	ND	0.0727		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Bis(2-chloroethyl)ether	ND	0.0363		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Bis(2-ethylhexyl)phthalate	ND	0.727		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
4-Bromophenyl-phenylether	ND	0.109		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Butyl benzyl phthalate	ND	0.218		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Carbazole	**0.363**	0.0727		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
4-Chloroaniline	ND	0.109		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
4-Chloro-3-methylphenol	ND	0.0727		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
2-Chloronaphthalene	ND	0.0727		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
2-Chlorophenol	ND	0.0727		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
4-Chlorophenyl-phenylether	ND	0.109		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
2,2´-oxybis(1-chloropropane)	ND	2.91		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Chrysene	**2.63**	0.0727		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Dibenzo(a,h)anthracene	**0.395**	0.109		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Dibenzofuran	**0.230**	0.109		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
1,2-Dichlorobenzene	ND	0.109		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
1,3-Dichlorobenzene	ND	0.109		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
1,4-Dichlorobenzene	ND	0.109		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
3,3´-Dichlorobenzidine	ND	0.436		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
2,4-Dichlorophenol	ND	0.0727		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Diethyl phthalate	ND	0.727		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Dimethyl phthalate	ND	0.0727		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
2,4-Dimethylphenol	ND	0.218		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Di-n-butyl phthalate	ND	0.218		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
4,6-Dinitro-2-methylphenol	ND	2.91		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
2,4-Dinitrophenol	ND	0.727		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
2,4-Dinitrotoluene	ND	0.109		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 1/23/2026
Date Printed: 1/23/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0584
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-7-0809
Collection Date: 01/16/2026 09:15
Matrix: Soil

Lab ID: O26A0584-03 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Semivolatile Organic Compounds by GC/MSW8270D / SW3550				Prep Date: **01/19/2026**		Analyst: **TM1**		
ILEPA 100256								
2,6-Dinitrotoluene	ND	0.0727		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Di-n-octyl phthalate	ND	0.109		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Fluoranthene	**5.45**	0.109		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Fluorene	**0.463**	0.0727		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Hexachlorobenzene	ND	0.0727		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Hexachlorobutadiene	ND	0.145		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Hexachlorocyclopentadiene	ND	2.91	Q	mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Hexachloroethane	ND	0.145		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Indeno(1,2,3-cd)pyrene	**1.59**	0.109		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Isophorone	ND	0.109		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
2-Methylnaphthalene	**0.127**	0.109		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
2-Methylphenol	ND	0.0363		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
3 & 4-Methylphenol	ND	0.145		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Naphthalene	**0.245**	0.109		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
2-Nitroaniline	ND	0.109		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
3-Nitroaniline	ND	0.109		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
4-Nitroaniline	ND	0.145		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Nitrobenzene	ND	0.145		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
2-Nitrophenol	ND	0.109		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
4-Nitrophenol	ND	2.91		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
N-Nitrosodimethylamine	ND	0.145		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
N-Nitrosodi-n-propylamine	ND	0.0341		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
N-Nitrosodiphenylamine	ND	0.109		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Pentachlorophenol	ND	0.101		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Phenanthrene	**3.47**	0.109		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Phenol	ND	0.145		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Pyrene	**5.21**	0.109		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Pyridine	ND	2.91		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
1,2,4-Trichlorobenzene	ND	0.109		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
2,4,5-Trichlorophenol	ND	0.0727		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
2,4,6-Trichlorophenol	ND	0.0727		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 1/23/2026
Date Printed: 1/23/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0584
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-7-0809
Collection Date: 01/16/2026 09:15
Matrix: Soil

Lab ID: O26A0584-03 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Polychlorinated Biphenyls (PCBs) by GC/ESW8082A / SW3546				Prep Date: **01/19/2026**		Analyst: **YC1**		
ILEPA 100256								
Aroclor 1016	ND	0.0235		mg/Kg dry	1	01/19/2026	B26A0679	S26A0449
Aroclor 1221	ND	0.0705		mg/Kg dry	1	01/19/2026	B26A0679	S26A0449
Aroclor 1232	ND	0.0940		mg/Kg dry	1	01/19/2026	B26A0679	S26A0449
Aroclor 1242	ND	0.0353		mg/Kg dry	1	01/19/2026	B26A0679	S26A0449
Aroclor 1248	ND	0.0353		mg/Kg dry	1	01/19/2026	B26A0679	S26A0449
Aroclor 1254	ND	0.0235		mg/Kg dry	1	01/19/2026	B26A0679	S26A0449
Aroclor 1260	ND	0.0353		mg/Kg dry	1	01/19/2026	B26A0679	S26A0449
Organochlorine Pesticides by GC/ECD	**SW8081B / SW3546**			Prep Date: **01/19/2026**		Analyst: **ER3**		
ILEPA 100256								
4,4'-DDD	ND	0.00940		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
4,4'-DDE	ND	0.00470		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
4,4'-DDT	ND	0.00940		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Aldrin	ND	0.00470		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
alpha-BHC	ND	0.00470		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
alpha-Chlordane	ND	0.00470		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
beta-BHC	ND	0.00940		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Chlordane	ND	0.0470		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
delta-BHC	ND	0.00470		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Dieldrin	ND	0.00470		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Endosulfan I	ND	0.00470		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Endosulfan II	ND	0.00470		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Endosulfan sulfate	ND	0.00940		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Endrin	ND	0.00470		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Endrin aldehyde	ND	0.00940		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Endrin ketone	ND	0.00940		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
gamma-BHC	ND	0.00470		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
gamma-Chlordane	ND	0.00940		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Heptachlor	ND	0.00470		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Heptachlor epoxide	ND	0.00470		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Methoxychlor	ND	0.00940		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Toxaphene	ND	0.588		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 1/23/2026
Date Printed: 1/23/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0584
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-7-0809
Collection Date: 01/16/2026 09:15
Matrix: Soil

Lab ID: O26A0584-03 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Herbicides by HPLC		**SW8321B / SW3546**		Prep Date:	**01/20/2026**	Analyst: **JPP**		
ILEPA 100256								
2,4,5-TP (Silvex)	ND	0.233		mg/Kg dry	1	01/21/2026	B26A0757	S26A0498
2,4-D	ND	0.233		mg/Kg dry	1	01/21/2026	B26A0757	S26A0498
Dalapon	ND	0.850		mg/Kg dry	1	01/21/2026	B26A0757	S26A0498
Dinoseb	ND	0.233		mg/Kg dry	1	01/23/2026	B26A0757	S26A0577
Picloram	ND	0.117	*	mg/Kg dry	1	01/21/2026	B26A0757	S26A0498
Metals by ICP-MS		**SW6020 B / SW3050**		Prep Date:	**01/19/2026**	Analyst: **MS6**		
ILEPA 100256								
Aluminum	**5,420**	12.2		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Antimony	ND	1.22		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Arsenic	**4.69**	0.608		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Barium	**45.9**	0.608		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Beryllium	**0.395**	0.304		mg/Kg dry	10	01/20/2026	B26A0730	S26A0511
Cadmium	ND	0.304		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Calcium	**16,000**	36.5		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Chromium	**14.1**	0.608		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Cobalt	**7.34**	0.608		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Copper	**23.6**	1.52		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Iron	**14,100**	18.2		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Lead	**35.1**	0.304		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Magnesium	**9,030**	18.2		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Manganese	**180**	0.608		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Nickel	**20.5**	0.608		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Potassium	**984**	18.2		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Selenium	ND	0.608		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Silver	ND	0.608		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Sodium	**1,250**	36.5		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Thallium	ND	0.608		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Vanadium	**15.8**	0.608		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Zinc	**44.0**	0.486		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Mercury by CVAA		**SW7471B**		Prep Date:	**01/19/2026**	Analyst: **DM2**		
ILEPA 100256								
Mercury	**0.205**	0.0607		mg/Kg dry	1	01/19/2026	B26A0697	S26A0409
Wet Chemistry		**SM2540G**		Prep Date:	**01/21/2026**	Analyst: **VE1**		
Total Solids	**81.9**	0.100	*	% (Percent)	1	01/23/2026	B26A0886	

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 1/23/2026
Date Printed: 1/23/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0584
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-7-0809
Collection Date: 01/16/2026 09:15
Matrix: Soil

Lab ID: O26A0584-03 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Wet Chemistry	**SW9014 / SW9010B**			Prep Date: **01/19/2026**		Analyst: **LN2**		
ILEPA 100256								
Cyanide	ND	0.284		mg/Kg dry	1	01/20/2026	B26A0738	S26A0457
Wet Chemistry	**SW9045D**			Prep Date: **01/18/2026**		Analyst: **GV1**		
ILEPA 100256								
pH measured in water at reported temperature	**8.30**			pH Units	1	01/18/2026	B26A0692	
pH Temperature	**19.3**			°C	1	01/18/2026	B26A0692	

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 1/23/2026
Date Printed: 1/23/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0584
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-8-0607
Collection Date: 01/16/2026 12:00
Matrix: Soil

Lab ID: O26A0584-04

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Volatile Organic Compounds by GC/MS **SW8260B / SW5035**				Prep Date: **01/19/2026**		Analyst: **CP1**		
ILEPA 100256								
Acetone	ND	0.0713		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Benzene	ND	0.00500		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Bromodichloromethane	ND	0.00204		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Bromoform	ND	0.00407		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Bromomethane	ND	0.0204		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
2-Butanone	ND	0.0285		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Carbon disulfide	ND	0.00407		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Carbon tetrachloride	ND	0.0204		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Chlorobenzene	ND	0.00407		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Chloroethane	ND	0.00815		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Chloroform	ND	0.00407		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Chloromethane	ND	0.00815		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Dibromochloromethane	ND	0.00204		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,1-Dichloroethane	ND	0.00407		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,2-Dichloroethane	ND	0.00204		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,1-Dichloroethene	ND	0.00204		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
cis-1,2-Dichloroethene	ND	0.00407		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
trans-1,2-Dichloroethene	ND	0.00407		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,2-Dichloropropane	ND	0.00204		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
cis-1,3-Dichloropropene	ND	0.00400		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
trans-1,3-Dichloropropene	ND	0.00400		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Ethylbenzene	ND	0.00815		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
2-Hexanone	ND	0.0285		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
4-Methyl-2-pentanone	ND	0.0285		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Methylene chloride	ND	0.0200		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Methyl tert-butyl ether	ND	0.00204		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Styrene	ND	0.00815		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,1,2,2-Tetrachloroethane	ND	0.00204		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Tetrachloroethene	ND	0.00407		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Toluene	ND	0.00500		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,1,1-Trichloroethane	ND	0.00204		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,1,2-Trichloroethane	ND	0.00204		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Trichloroethene	ND	0.00204		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Vinyl chloride	ND	0.00407		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Xylenes, Total	ND	0.0122		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 1/23/2026
Date Printed: 1/23/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0584
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-8-0607
Collection Date: 01/16/2026 12:00
Matrix: Soil

Lab ID: O26A0584-04 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Semivolatile Organic Compounds by GC/MSW8270D / SW3550				Prep Date: **01/19/2026**			Analyst: **TM1**	
ILEPA 100256								
Acenaphthene	**0.207**	0.0748		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Acenaphthylene	**0.138**	0.0748		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Aniline	ND	0.748		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Anthracene	**0.608**	0.112		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Benzo(a)anthracene	**1.59**	0.112		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Benzidine	ND	12.4		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Benzo(a)pyrene	**1.49**	0.299		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Benzo(b)fluoranthene	**1.93**	0.112		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Benzo(g,h,i)perylene	**0.897**	0.150		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Benzo(k)fluoranthene	**0.698**	0.150		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Benzoic acid	ND	5.98	Q	mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Benzyl alcohol	ND	0.112		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Bis(2-chloroethoxy)methane	ND	0.0748		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Bis(2-chloroethyl)ether	ND	0.0374		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Bis(2-ethylhexyl)phthalate	ND	0.748		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
4-Bromophenyl-phenylether	ND	0.112		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Butyl benzyl phthalate	ND	0.224		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Carbazole	**0.140**	0.0748		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
4-Chloroaniline	ND	0.112		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
4-Chloro-3-methylphenol	ND	0.0748		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
2-Chloronaphthalene	ND	0.0748		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
2-Chlorophenol	ND	0.0748		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
4-Chlorophenyl-phenylether	ND	0.112		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
2,2´-oxybis(1-chloropropane)	ND	2.99		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Chrysene	**1.64**	0.0748		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Dibenzo(a,h)anthracene	**0.244**	0.112		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Dibenzofuran	**0.133**	0.112		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
1,2-Dichlorobenzene	ND	0.112		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
1,3-Dichlorobenzene	ND	0.112		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
1,4-Dichlorobenzene	ND	0.112		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
3,3´-Dichlorobenzidine	ND	0.449		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
2,4-Dichlorophenol	ND	0.0748		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Diethyl phthalate	ND	0.748		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Dimethyl phthalate	ND	0.0748		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
2,4-Dimethylphenol	ND	0.224		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Di-n-butyl phthalate	ND	0.224		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
4,6-Dinitro-2-methylphenol	ND	2.99		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
2,4-Dinitrophenol	ND	0.748		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
2,4-Dinitrotoluene	ND	0.112		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 1/23/2026
Date Printed: 1/23/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0584
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-8-0607
Collection Date: 01/16/2026 12:00
Matrix: Soil

Lab ID: O26A0584-04 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Semivolatile Organic Compounds by GC/MSW8270D / SW3550				Prep Date: **01/19/2026**		Analyst: **TM1**		
ILEPA 100256								
2,6-Dinitrotoluene	ND	0.0748		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Di-n-octyl phthalate	ND	0.112		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Fluoranthene	**3.64**	0.112		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Fluorene	**0.348**	0.0748		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Hexachlorobenzene	ND	0.0748		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Hexachlorobutadiene	ND	0.150		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Hexachlorocyclopentadiene	ND	2.99	Q	mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Hexachloroethane	ND	0.150		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Indeno(1,2,3-cd)pyrene	**0.992**	0.112		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Isophorone	ND	0.112		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
2-Methylnaphthalene	ND	0.112		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
2-Methylphenol	ND	0.0374		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
3 & 4-Methylphenol	ND	0.150		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Naphthalene	ND	0.112		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
2-Nitroaniline	ND	0.112		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
3-Nitroaniline	ND	0.112		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
4-Nitroaniline	ND	0.150		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Nitrobenzene	ND	0.150		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
2-Nitrophenol	ND	0.112		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
4-Nitrophenol	ND	2.99		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
N-Nitrosodimethylamine	ND	0.150		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
N-Nitrosodi-n-propylamine	ND	0.0351		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
N-Nitrosodiphenylamine	ND	0.112		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Pentachlorophenol	ND	0.104		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Phenanthrene	**1.57**	0.112		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Phenol	ND	0.150		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Pyrene	**3.48**	0.112		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Pyridine	ND	2.99		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
1,2,4-Trichlorobenzene	ND	0.112		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
2,4,5-Trichlorophenol	ND	0.0748		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
2,4,6-Trichlorophenol	ND	0.0748		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 1/23/2026
Date Printed: 1/23/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0584
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-8-0607
Collection Date: 01/16/2026 12:00
Matrix: Soil

Lab ID: O26A0584-04 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Polychlorinated Biphenyls (PCBs) by GC/ESW8082A / SW3546				Prep Date: **01/19/2026**		Analyst: **YC1**		
ILEPA 100256								
Aroclor 1016	ND	0.0244		mg/Kg dry	1	01/19/2026	B26A0679	S26A0449
Aroclor 1221	ND	0.0732		mg/Kg dry	1	01/19/2026	B26A0679	S26A0449
Aroclor 1232	ND	0.0975		mg/Kg dry	1	01/19/2026	B26A0679	S26A0449
Aroclor 1242	ND	0.0366		mg/Kg dry	1	01/19/2026	B26A0679	S26A0449
Aroclor 1248	ND	0.0366		mg/Kg dry	1	01/19/2026	B26A0679	S26A0449
Aroclor 1254	ND	0.0244		mg/Kg dry	1	01/19/2026	B26A0679	S26A0449
Aroclor 1260	ND	0.0366		mg/Kg dry	1	01/19/2026	B26A0679	S26A0449
Organochlorine Pesticides by GC/ECD	**SW8081B / SW3546**			Prep Date: **01/19/2026**		Analyst: **ER3**		
ILEPA 100256								
4,4'-DDD	ND	0.00975		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
4,4'-DDE	ND	0.00488		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
4,4'-DDT	ND	0.00975		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Aldrin	ND	0.00488		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
alpha-BHC	ND	0.00488		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
alpha-Chlordane	ND	0.00488		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
beta-BHC	ND	0.00975		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Chlordane	ND	0.0488		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
delta-BHC	ND	0.00488		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Dieldrin	ND	0.00488		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Endosulfan I	ND	0.00488		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Endosulfan II	ND	0.00488		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Endosulfan sulfate	ND	0.00975		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Endrin	**0.00719**	0.00488		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Endrin aldehyde	ND	0.00975		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Endrin ketone	ND	0.00975		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
gamma-BHC	ND	0.00488		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
gamma-Chlordane	ND	0.00975		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Heptachlor	ND	0.00488		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Heptachlor epoxide	ND	0.00488		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Methoxychlor	ND	0.00975		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Toxaphene	ND	0.600		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 1/23/2026
Date Printed: 1/23/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0584
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-8-0607
Collection Date: 01/16/2026 12:00
Matrix: Soil

Lab ID: O26A0584-04 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Herbicides by HPLC		**SW8321B / SW3546**		Prep Date:	**01/20/2026**	Analyst: **JPP**		
ILEPA 100256								
2,4,5-TP (Silvex)	ND	0.249		mg/Kg dry	1	01/21/2026	B26A0757	S26A0498
2,4-D	ND	0.249		mg/Kg dry	1	01/21/2026	B26A0757	S26A0498
Dalapon	ND	0.850		mg/Kg dry	1	01/21/2026	B26A0757	S26A0498
Dinoseb	ND	0.249		mg/Kg dry	1	01/23/2026	B26A0757	S26A0577
Picloram	ND	0.125	*	mg/Kg dry	1	01/21/2026	B26A0757	S26A0498
Metals by ICP-MS		**SW6020 B / SW3050**		Prep Date:	**01/19/2026**	Analyst: **MS6**		
ILEPA 100256								
Aluminum	**5,080**	12.4		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Antimony	ND	1.24		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Arsenic	**5.83**	0.618		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Barium	**188**	0.618		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Beryllium	**0.482**	0.309		mg/Kg dry	10	01/20/2026	B26A0730	S26A0511
Cadmium	**0.552**	0.309		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Calcium	**33,500**	37.1		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Chromium	**13.0**	0.618		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Cobalt	**6.34**	0.618		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Copper	**28.7**	1.55		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Iron	**11,700**	18.6		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Lead	**122**	0.309		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Magnesium	**13,400**	18.6		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Manganese	**212**	0.618		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Nickel	**16.0**	0.618		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Potassium	**852**	18.6		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Selenium	ND	0.618		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Silver	ND	0.618		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Sodium	**1,070**	37.1		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Thallium	ND	0.618		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Vanadium	**13.5**	0.618		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Zinc	**190**	0.495		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Mercury by CVAA		**SW7471B**		Prep Date:	**01/19/2026**	Analyst: **DM2**		
ILEPA 100256								
Mercury	**0.163**	0.0612		mg/Kg dry	1	01/19/2026	B26A0697	S26A0409
Wet Chemistry		**SM2540G**		Prep Date:	**01/21/2026**	Analyst: **VE1**		
Total Solids	**80.0**	0.100	*	% (Percent)	1	01/23/2026	B26A0886	

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 1/23/2026
Date Printed: 1/23/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0584
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-8-0607
Collection Date: 01/16/2026 12:00
Matrix: Soil

Lab ID: O26A0584-04 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Wet Chemistry	**SW9014 / SW9010B**			Prep Date: **01/19/2026**		Analyst: **LN2**		
ILEPA 100256								
Cyanide	ND	0.299		mg/Kg dry	1	01/20/2026	B26A0738	S26A0457
Wet Chemistry	**SW9045D**			Prep Date: **01/18/2026**		Analyst: **GV1**		
ILEPA 100256								
pH measured in water at reported temperature	**8.46**			pH Units	1	01/18/2026	B26A0692	
pH Temperature	**19.1**			°C	1	01/18/2026	B26A0692	

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 1/23/2026
Date Printed: 1/23/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0584
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-8-1112
Collection Date: 01/16/2026 12:10
Matrix: Soil

Lab ID: O26A0584-05

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Volatile Organic Compounds by GC/MS **SW8260B / SW5035**				Prep Date: **01/19/2026**		Analyst: **CP1**		
ILEPA 100256								
Acetone	ND	0.0607		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Benzene	ND	0.00500		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Bromodichloromethane	ND	0.00174		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Bromoform	ND	0.00347		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Bromomethane	ND	0.0174		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
2-Butanone	ND	0.0243		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Carbon disulfide	ND	0.00347		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Carbon tetrachloride	ND	0.0174		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Chlorobenzene	ND	0.00347		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Chloroethane	ND	0.00694		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Chloroform	ND	0.00347		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Chloromethane	ND	0.00694		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Dibromochloromethane	ND	0.00174		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,1-Dichloroethane	ND	0.00347		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,2-Dichloroethane	ND	0.00174		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,1-Dichloroethene	ND	0.00174		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
cis-1,2-Dichloroethene	ND	0.00347		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
trans-1,2-Dichloroethene	ND	0.00347		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,2-Dichloropropane	ND	0.00174		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
cis-1,3-Dichloropropene	ND	0.00347		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
trans-1,3-Dichloropropene	ND	0.00347		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Ethylbenzene	ND	0.00694		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
2-Hexanone	ND	0.0243		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
4-Methyl-2-pentanone	ND	0.0243		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Methylene chloride	ND	0.0174		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Methyl tert-butyl ether	ND	0.00174		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Styrene	ND	0.00694		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,1,2,2-Tetrachloroethane	ND	0.00174		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Tetrachloroethene	ND	0.00347		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Toluene	ND	0.00500		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,1,1-Trichloroethane	ND	0.00174		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,1,2-Trichloroethane	ND	0.00174		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Trichloroethene	ND	0.00174		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Vinyl chloride	ND	0.00347		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Xylenes, Total	ND	0.0104		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 1/23/2026
Date Printed: 1/23/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0584
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-8-1112
Collection Date: 01/16/2026 12:10
Matrix: Soil

Lab ID: O26A0584-05 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Semivolatile Organic Compounds by GC/MSW8270D / SW3550				Prep Date: **01/19/2026**			Analyst: **TM1**	
ILEPA 100256								
Acenaphthene	**0.0189**	0.0177		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Acenaphthylene	ND	0.0177		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Aniline	ND	0.177		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Anthracene	**0.0593**	0.0266		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Benzo(a)anthracene	**0.147**	0.0266		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Benzidine	ND	2.95		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Benzo(a)pyrene	**0.118**	0.0708		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Benzo(b)fluoranthene	**0.156**	0.0266		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Benzo(g,h,i)perylene	**0.0714**	0.0354		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Benzo(k)fluoranthene	**0.0505**	0.0354		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Benzoic acid	ND	1.42		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Benzyl alcohol	ND	0.0266		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Bis(2-chloroethoxy)methane	ND	0.0177		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Bis(2-chloroethyl)ether	ND	0.00885		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Bis(2-ethylhexyl)phthalate	ND	0.177		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
4-Bromophenyl-phenylether	ND	0.0266		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Butyl benzyl phthalate	ND	0.0531		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Carbazole	**0.0201**	0.0177		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
4-Chloroaniline	ND	0.0266		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
4-Chloro-3-methylphenol	ND	0.0177		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
2-Chloronaphthalene	ND	0.0177		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
2-Chlorophenol	ND	0.0177		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
4-Chlorophenyl-phenylether	ND	0.0266		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
2,2´-oxybis(1-chloropropane)	ND	0.708		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Chrysene	**0.153**	0.0177		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Dibenzo(a,h)anthracene	ND	0.0266		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Dibenzofuran	ND	0.0266		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
1,2-Dichlorobenzene	ND	0.0266		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
1,3-Dichlorobenzene	ND	0.0266		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
1,4-Dichlorobenzene	ND	0.0266		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
3,3´-Dichlorobenzidine	ND	0.106		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
2,4-Dichlorophenol	ND	0.0177		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Diethyl phthalate	ND	0.177		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Dimethyl phthalate	ND	0.0177		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
2,4-Dimethylphenol	ND	0.0531		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Di-n-butyl phthalate	ND	0.0531		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
4,6-Dinitro-2-methylphenol	ND	0.708		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
2,4-Dinitrophenol	ND	0.177		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
2,4-Dinitrotoluene	ND	0.0266		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 1/23/2026
Date Printed: 1/23/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0584
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-8-1112
Collection Date: 01/16/2026 12:10
Matrix: Soil

Lab ID: O26A0584-05 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Semivolatile Organic Compounds by GC/MSW8270D / SW3550				Prep Date:	**01/19/2026**		Analyst: **TM1**	
ILEPA 100256								
2,6-Dinitrotoluene	ND	0.0177		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Di-n-octyl phthalate	ND	0.0266		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Fluoranthene	**0.295**	0.0266		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Fluorene	**0.0295**	0.0177		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Hexachlorobenzene	ND	0.0177		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Hexachlorobutadiene	ND	0.0354		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Hexachlorocyclopentadiene	ND	0.708		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Hexachloroethane	ND	0.0354		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Indeno(1,2,3-cd)pyrene	**0.0702**	0.0266		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Isophorone	ND	0.0266		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
2-Methylnaphthalene	ND	0.0266		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
2-Methylphenol	ND	0.00885		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
3 & 4-Methylphenol	ND	0.0354		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Naphthalene	ND	0.0266		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
2-Nitroaniline	ND	0.0266		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
3-Nitroaniline	ND	0.0266		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
4-Nitroaniline	ND	0.0354		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Nitrobenzene	ND	0.0354		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
2-Nitrophenol	ND	0.0266		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
4-Nitrophenol	ND	0.708		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
N-Nitrosodimethylamine	ND	0.0354		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
N-Nitrosodi-n-propylamine	ND	0.00830		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
N-Nitrosodiphenylamine	ND	0.0266		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Pentachlorophenol	ND	0.0246		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Phenanthrene	**0.240**	0.0266		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Phenol	ND	0.0354		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Pyrene	**0.264**	0.0266		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Pyridine	ND	0.708		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
1,2,4-Trichlorobenzene	ND	0.0266		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
2,4,5-Trichlorophenol	ND	0.0177		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
2,4,6-Trichlorophenol	ND	0.0177		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 1/23/2026
Date Printed: 1/23/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0584
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-8-1112
Collection Date: 01/16/2026 12:10
Matrix: Soil

Lab ID: O26A0584-05 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Polychlorinated Biphenyls (PCBs) by GC/ESW8082A / SW3546				Prep Date: **01/19/2026**		Analyst: **YC1**		
ILEPA 100256								
Aroclor 1016	ND	0.0230		mg/Kg dry	1	01/19/2026	B26A0679	S26A0449
Aroclor 1221	ND	0.0689		mg/Kg dry	1	01/19/2026	B26A0679	S26A0449
Aroclor 1232	ND	0.0919		mg/Kg dry	1	01/19/2026	B26A0679	S26A0449
Aroclor 1242	ND	0.0345		mg/Kg dry	1	01/19/2026	B26A0679	S26A0449
Aroclor 1248	ND	0.0345		mg/Kg dry	1	01/19/2026	B26A0679	S26A0449
Aroclor 1254	ND	0.0230		mg/Kg dry	1	01/19/2026	B26A0679	S26A0449
Aroclor 1260	ND	0.0345		mg/Kg dry	1	01/19/2026	B26A0679	S26A0449
Organochlorine Pesticides by GC/ECD	**SW8081B / SW3546**			Prep Date: **01/19/2026**		Analyst: **ER3**		
ILEPA 100256								
4,4'-DDD	ND	0.00919		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
4,4'-DDE	ND	0.00460		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
4,4'-DDT	ND	0.00919		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Aldrin	ND	0.00460		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
alpha-BHC	ND	0.00460		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
alpha-Chlordane	ND	0.00460		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
beta-BHC	ND	0.00919		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Chlordane	ND	0.0460		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
delta-BHC	ND	0.00460		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Dieldrin	ND	0.00460		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Endosulfan I	ND	0.00460		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Endosulfan II	ND	0.00460		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Endosulfan sulfate	ND	0.00919		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Endrin	ND	0.00460		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Endrin aldehyde	ND	0.00919		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Endrin ketone	ND	0.00919		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
gamma-BHC	ND	0.00460		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
gamma-Chlordane	ND	0.00919		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Heptachlor	ND	0.00460		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Heptachlor epoxide	ND	0.00460		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Methoxychlor	ND	0.00919		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Toxaphene	ND	0.575		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 1/23/2026
Date Printed: 1/23/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0584
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-8-1112
Collection Date: 01/16/2026 12:10
Matrix: Soil

Lab ID: O26A0584-05 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Herbicides by HPLC		**SW8321B / SW3546**		Prep Date:	**01/20/2026**	Analyst: **JPP**		
ILEPA 100256								
2,4,5-TP (Silvex)	ND	0.235		mg/Kg dry	1	01/21/2026	B26A0757	S26A0498
2,4-D	ND	0.235		mg/Kg dry	1	01/21/2026	B26A0757	S26A0498
Dalapon	ND	0.850		mg/Kg dry	1	01/21/2026	B26A0757	S26A0498
Dinoseb	ND	0.235		mg/Kg dry	1	01/23/2026	B26A0757	S26A0577
Picloram	ND	0.118	*	mg/Kg dry	1	01/21/2026	B26A0757	S26A0498
Metals by ICP-MS		**SW6020 B / SW3050**		Prep Date:	**01/19/2026**	Analyst: **MS6**		
ILEPA 100256								
Aluminum	**6,650**	11.7		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Antimony	ND	1.17		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Arsenic	**15.7**	0.587		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Barium	**68.5**	0.587		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Beryllium	**0.405**	0.293		mg/Kg dry	10	01/20/2026	B26A0730	S26A0511
Cadmium	ND	0.293		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Calcium	**39,900**	35.2		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Chromium	**15.1**	0.587		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Cobalt	**13.3**	0.587		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Copper	**31.3**	1.47		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Iron	**25,900**	17.6		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Lead	**26.9**	0.293		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Magnesium	**20,400**	17.6		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Manganese	**378**	0.587		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Nickel	**34.7**	0.587		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Potassium	**1,330**	17.6		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Selenium	ND	0.587		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Silver	ND	0.587		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Sodium	**627**	35.2		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Thallium	ND	0.587		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Vanadium	**15.6**	0.587		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Zinc	**66.0**	0.469		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Mercury by CVAA		**SW7471B**		Prep Date:	**01/19/2026**	Analyst: **DM2**		
ILEPA 100256								
Mercury	ND	0.0584		mg/Kg dry	1	01/19/2026	B26A0697	S26A0409
Wet Chemistry		**SM2540G**		Prep Date:	**01/21/2026**	Analyst: **VE1**		
Total Solids	**84.0**	0.100	*	% (Percent)	1	01/23/2026	B26A0886	

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 1/23/2026
Date Printed: 1/23/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0584
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-8-1112
Collection Date: 01/16/2026 12:10
Matrix: Soil

Lab ID: O26A0584-05 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Wet Chemistry	**SW9014 / SW9010B**			Prep Date: **01/19/2026**		Analyst: **LN2**		
ILEPA 100256								
Cyanide	ND	0.281		mg/Kg dry	1	01/20/2026	B26A0738	S26A0457
Wet Chemistry	**SW9045D**			Prep Date: **01/18/2026**		Analyst: **GV1**		
ILEPA 100256								
pH measured in water at reported temperature	**6.74**			pH Units	1	01/18/2026	B26A0693	
pH Temperature	**19.4**			°C	1	01/18/2026	B26A0693	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated method blank
HT - Sample received past holding time
J1 - Estimated result based on MS/MSD results
* - Non-accredited parameter
RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
P - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded
Q - Quality control issue. Please see case narrative

1/16/26

sterling labs
2242 W. Harrison, Suite 200, Chicago, Illinois 60612 Phone: (312) 733-0551 Fax
e-mail address: info@thesterlinglab.com

O26A0584
PM Laura Dudek
GSG Consultants

; On Ice
GHI

CHAIN OF CUSTODY RECORD

Page : 1 of 1

Client: GSG Consultants
Street Address:
City, State, Zip:
Phone:
Fax:
e-mail/Alt. Fax:

Project Number: 25-2103
Project Name: UIC Drug Discovery Center
Project Location: 820 S. Pauling
Project Manager: Ted Cagney → tcagney@gsg-consultants.com
P.O. Number: Mike Nuccio → mnuccio@

Turn Around: Immediate: ☐ 4 Hrs: ☐ 8 Hrs: ☐ 24 Hrs: ☐ 1 Day: ☐ 2 Days: ☐ 3 Days: ☐ 5 Days: ☒
Date Due: Time Due: Note: Not all turn around times are available for all analysis.

OFFICE USE ONLY BELOW:

Batch No.:
Samples Acceptable: Yes: ☐ No: ☐
Checked by (Initial/Date):
Comments:

Relinquished by: [illegible] Date/Time: 1/16/26 2:39
Received by: MP Date/Time: 1/16/26 14:39 GHI
Relinquished by: Date/Time: 1/16/26 15:00
Received by: Date/Time: 1-16-26 15:00
Relinquished by: Date/Time: 1-16-26 16:00
Received by: Date/Time: 1/16/26 16:00

Client Sample Number/Description:	Date Taken	Time On	Time Off	Rate (lpm)	Volume (Liters)	Area Wiped (ft^2)	Laboratory Sample No.	PCM Asbestos	PLM Asbestos (Bulk)	PLM Point Count	PLM Gravimetric	TEM Air Asbestos	TEM Bulk Asbestos	TEM Gravimetric Asb.	TEM Microvac Asb.	TEM Water		Other:	TCL	TPH	SVOA	HD		
B-5-0506	1/16/26 9:20			Soil	Grab														T	T	T	T		
B-5-1415	9:35			Soil	Grab														T	T	T	T		
B-7-0809	9:15			Soil	Grab														T	T	T	T		
B-8-0607	12:00			Soil	Grab														T	T	T	T		
B-8-1112	12:10			Soil	Grab														T	T	T	T		

Comments:

Sample Receipt Checklist

Work Order: O26A0584

Printed: 1/16/2026 4:50:24PM

Client: GSG Consultants, Inc.
Project: Analytical Testing

Date Due: Friday, January 23, 2026

Received By: Miranda Padgett
Logged In By: Jarrett Kolodij

Date Received: 1/16/2026 2:39:00PM
Date Logged In: 1/16/2026 4:46:00PM

Cooler Name: Default Cooler

How were samples received: Courier

Cooler temperature at or below 6 degrees Celsius: NA

Chain of Custody present and properly completed : Yes

Turn Around Time is indicated and specified: Yes

Chain of Custody agrees with sample labels: Yes

Samples received within hold time: Yes

Proper sample containers received intact: Yes

Sufficient sample volume: Yes

Containers properly preserved: Yes

Custody seals present: No

Volatile water vials received: No

Sample Receipt Comments

Work Order: O26A0584

The samples were received on 1/16/2026 2:39:00 PM. The temperature of the cooler(s) at receipt was:

The following coolers were received containing ice and the samples were collecte the same day: Default Cooler.

The samples were received within acceptable criteria.

Samples going out of hold time within 24 hours:

_____

_____

_____

_____

JC3 — Reviewed By:

1/16/26 — Date:

sterling labs - O'Hare Location

509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

February 03, 2026

GSG Consultants, Inc.
735 Remington Road
Schaumburg, IL 60173

Telephone: (630) 994-2600
Fax: (630) 994-2699

Analytical Report for Work Order: O26A0584 Revision 1

RE: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Dear GSG Consultants, Inc.:

Sterling Labs has received 5 samples for the referenced project on January 16, 2026 14:39. The analytical results are presented in the following report.

All analyses were performed in accordance with the requirements of 35 IAC Pat 186 / TNI standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (847) 967-6666.

Sincerely,



Laura Dudek
Environmental Project Manager

The information contained in this report and any attachments is confidential information intended only for the use of the individual or entities named above. The results of this report relate only to the samples as received and tested. Sterling Labs is not responsible for customer provided information found in the report that is used to calculate final results. If you have received this report in error, please notify us immediately by phone. This report shall not be reproduced, except in its entirety, unless written approval has been obtained from the laboratory. This analytical report shall become property of the Customer upon payment in full. Otherwise, Sterling Labs will be under no obligation to support, defend or dicuss the analytical report

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Customer: GSG Consultants, Inc.

Proiect: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Work Order Sample Summary

WorkOrder: O26A0584

Laboratory ID	Sample ID	Tag Number	Collection Date	Date Received
O26A0584-01	B-5-0506		01/16/26 09:20	01/16/26 14:39
O26A0584-02	B-5-1415		01/16/26 09:35	01/16/26 14:39
O26A0584-03	B-7-0809		01/16/26 09:15	01/16/26 14:39
O26A0584-04	B-8-0607		01/16/26 12:00	01/16/26 14:39
O26A0584-05	B-8-1112		01/16/26 12:10	01/16/26 14:39

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Customer: GSG Consultants, Inc.

Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Case Narrative

WorkOrder: O26A0584

Work Order: O26A0584
The samples were received on 1/16/2026 2:39:00 PM. The temperature of the cooler(s) at receipt was:

The following coolers were received containing ice and the samples were collected the same day: Default Cooler.
The samples were received within acceptable criteria.

Revision 1
At the customer's request, the following additional analysis was added:

1311 TCLP/6020 Metals - Fe
B-8-1112 (Lab ID: O26A0584-05)

GC Semivolatiles

8082 PCB
The following exceptions were found in the CCV, BS and/or BSD associated with the samples.

Sample ID	Analyte	% R	LCL	UCL	RPD	RPDL
S26A0449-CCV2	Decachlorobiphenyl	123	80	120		

The following exceptions were found for the sample surrogate.

Sample ID	Analyte	% R	LCL	UCL
O26A0584-04	Decachlorobiphenyl	146	10	127

HPLC Semivolatiles

8321 Herb
The reporting limit for Dalapon was lowered to the TACO limit.

O26A0581-01: The sample was utilized for MS/MSD purposes. The following exceptions in recovery and/or RPD results were found.

Sample ID	Analyte	% R	LCL	UCL	RPD	RPDL
B26A0757-MS1	2,4,5-TP (Silvex)	ND	10	134		
B26A0757-MS2	Dinoseb	-245	50	150		
B26A0757-MS2	Pentachlorophenol	ND	50	150		
B26A0757-MSD1	2,4-D				38	30
B26A0757-MSD1	Picloram				68	30
B26A0757-MSD2	Dinoseb	-79	50	150	72	30
B26A0757-MSD2	Pentachlorophenol	ND	50	150		

GCMS Semivolatiles

8270 SVOC

The following exceptions were found in the CCV, BS and/or BSD associated with the samples.

Sample ID	Analyte	% R	LCL	UCL	RPD	RPDL
S26A0472-CCV1	Benzoic acid	79	80	120		
S26A0472-CCV1	Hexachlorocyclopentadiene	55	80	120		

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 2/3/2026
Date Printed: 2/3/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0584
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-5-0506
Collection Date: 01/16/2026 09:20
Matrix: Soil

Lab ID: O26A0584-01

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Volatile Organic Compounds by GC/MS **SW8260B / SW5035**				Prep Date: **01/20/2026**		Analyst: **CP1**		
ILEPA 100256								
Acetone	ND	0.0822		mg/Kg dry	1	01/20/2026	B26A0835	S26A0497
Benzene	ND	0.00500		mg/Kg dry	1	01/20/2026	B26A0835	S26A0497
Bromodichloromethane	ND	0.00235		mg/Kg dry	1	01/20/2026	B26A0835	S26A0497
Bromoform	ND	0.00470		mg/Kg dry	1	01/20/2026	B26A0835	S26A0497
Bromomethane	ND	0.0235		mg/Kg dry	1	01/20/2026	B26A0835	S26A0497
2-Butanone	ND	0.0329		mg/Kg dry	1	01/20/2026	B26A0835	S26A0497
Carbon disulfide	ND	0.00470		mg/Kg dry	1	01/20/2026	B26A0835	S26A0497
Carbon tetrachloride	ND	0.0235		mg/Kg dry	1	01/20/2026	B26A0835	S26A0497
Chlorobenzene	ND	0.00470		mg/Kg dry	1	01/20/2026	B26A0835	S26A0497
Chloroethane	ND	0.00940		mg/Kg dry	1	01/20/2026	B26A0835	S26A0497
Chloroform	ND	0.00470		mg/Kg dry	1	01/20/2026	B26A0835	S26A0497
Chloromethane	ND	0.00940		mg/Kg dry	1	01/20/2026	B26A0835	S26A0497
Dibromochloromethane	ND	0.00235		mg/Kg dry	1	01/20/2026	B26A0835	S26A0497
1,1-Dichloroethane	ND	0.00470		mg/Kg dry	1	01/20/2026	B26A0835	S26A0497
1,2-Dichloroethane	ND	0.00235		mg/Kg dry	1	01/20/2026	B26A0835	S26A0497
1,1-Dichloroethene	ND	0.00235		mg/Kg dry	1	01/20/2026	B26A0835	S26A0497
cis-1,2-Dichloroethene	ND	0.00470		mg/Kg dry	1	01/20/2026	B26A0835	S26A0497
trans-1,2-Dichloroethene	ND	0.00470		mg/Kg dry	1	01/20/2026	B26A0835	S26A0497
1,2-Dichloropropane	ND	0.00235		mg/Kg dry	1	01/20/2026	B26A0835	S26A0497
cis-1,3-Dichloropropene	ND	0.00400		mg/Kg dry	1	01/20/2026	B26A0835	S26A0497
trans-1,3-Dichloropropene	ND	0.00400		mg/Kg dry	1	01/20/2026	B26A0835	S26A0497
Ethylbenzene	ND	0.00940		mg/Kg dry	1	01/20/2026	B26A0835	S26A0497
2-Hexanone	ND	0.0329		mg/Kg dry	1	01/20/2026	B26A0835	S26A0497
4-Methyl-2-pentanone	ND	0.0329		mg/Kg dry	1	01/20/2026	B26A0835	S26A0497
Methylene chloride	ND	0.0200		mg/Kg dry	1	01/20/2026	B26A0835	S26A0497
Methyl tert-butyl ether	ND	0.00235		mg/Kg dry	1	01/20/2026	B26A0835	S26A0497
Styrene	ND	0.00940		mg/Kg dry	1	01/20/2026	B26A0835	S26A0497
1,1,2,2-Tetrachloroethane	ND	0.00235		mg/Kg dry	1	01/20/2026	B26A0835	S26A0497
Tetrachloroethene	ND	0.00470		mg/Kg dry	1	01/20/2026	B26A0835	S26A0497
Toluene	ND	0.00500		mg/Kg dry	1	01/20/2026	B26A0835	S26A0497
1,1,1-Trichloroethane	ND	0.00235		mg/Kg dry	1	01/20/2026	B26A0835	S26A0497
1,1,2-Trichloroethane	ND	0.00235		mg/Kg dry	1	01/20/2026	B26A0835	S26A0497
Trichloroethene	ND	0.00235		mg/Kg dry	1	01/20/2026	B26A0835	S26A0497
Vinyl chloride	ND	0.00470		mg/Kg dry	1	01/20/2026	B26A0835	S26A0497
Xylenes, Total	ND	0.0141		mg/Kg dry	1	01/20/2026	B26A0835	S26A0497

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 2/3/2026
Date Printed: 2/3/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0584
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-5-0506
Collection Date: 01/16/2026 09:20
Matrix: Soil

Lab ID: O26A0584-01 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Semivolatile Organic Compounds by GC/MSW8270D / SW3550				Prep Date: **01/19/2026**		Analyst: **TM1**		
ILEPA 100256								
Acenaphthene	**0.353**	0.0790		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Acenaphthylene	**0.856**	0.0790		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Aniline	ND	0.790		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Anthracene	**1.64**	0.119		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Benzo(a)anthracene	**5.56**	0.119		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Benzidine	ND	13.2		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Benzo(a)pyrene	**5.57**	0.316		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Benzo(b)fluoranthene	**6.72**	0.119		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Benzo(g,h,i)perylene	**3.32**	0.158		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Benzo(k)fluoranthene	**2.03**	0.158		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Benzoic acid	ND	6.32	Q	mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Benzyl alcohol	ND	0.119		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Bis(2-chloroethoxy)methane	ND	0.0790		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Bis(2-chloroethyl)ether	ND	0.0395		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Bis(2-ethylhexyl)phthalate	ND	0.790		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
4-Bromophenyl-phenylether	ND	0.119		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Butyl benzyl phthalate	ND	0.237		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Carbazole	**0.304**	0.0790		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
4-Chloroaniline	ND	0.119		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
4-Chloro-3-methylphenol	ND	0.0790		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
2-Chloronaphthalene	ND	0.0790		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
2-Chlorophenol	ND	0.0790		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
4-Chlorophenyl-phenylether	ND	0.119		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
2,2´-oxybis(1-chloropropane)	ND	3.16		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Chrysene	**5.37**	0.0790		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Dibenzo(a,h)anthracene	**0.855**	0.119		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Dibenzofuran	**0.292**	0.119		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
1,2-Dichlorobenzene	ND	0.119		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
1,3-Dichlorobenzene	ND	0.119		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
1,4-Dichlorobenzene	ND	0.119		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
3,3´-Dichlorobenzidine	ND	0.474		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
2,4-Dichlorophenol	ND	0.0790		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Diethyl phthalate	ND	0.790		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Dimethyl phthalate	ND	0.0790		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
2,4-Dimethylphenol	ND	0.237		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Di-n-butyl phthalate	ND	0.237		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
4,6-Dinitro-2-methylphenol	ND	3.16		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
2,4-Dinitrophenol	ND	0.790		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
2,4-Dinitrotoluene	ND	0.119		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 2/3/2026
Date Printed: 2/3/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0584
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-5-0506
Collection Date: 01/16/2026 09:20
Matrix: Soil

Lab ID: O26A0584-01 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Semivolatile Organic Compounds by GC/MSW8270D / SW3550				Prep Date: **01/19/2026**		Analyst: **TM1**		
ILEPA 100256								
2,6-Dinitrotoluene	ND	0.0790		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Di-n-octyl phthalate	ND	0.119		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Fluoranthene	**9.78**	0.119		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Fluorene	**0.529**	0.0790		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Hexachlorobenzene	ND	0.0790		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Hexachlorobutadiene	ND	0.158		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Hexachlorocyclopentadiene	ND	3.16	Q	mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Hexachloroethane	ND	0.158		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Indeno(1,2,3-cd)pyrene	**3.59**	0.119		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Isophorone	ND	0.119		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
2-Methylnaphthalene	**0.163**	0.119		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
2-Methylphenol	ND	0.0395		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
3 & 4-Methylphenol	ND	0.158		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Naphthalene	**0.171**	0.119		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
2-Nitroaniline	ND	0.119		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
3-Nitroaniline	ND	0.119		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
4-Nitroaniline	ND	0.158		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Nitrobenzene	ND	0.158		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
2-Nitrophenol	ND	0.119		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
4-Nitrophenol	ND	3.16		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
N-Nitrosodimethylamine	ND	0.158		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
N-Nitrosodi-n-propylamine	ND	0.0371		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
N-Nitrosodiphenylamine	ND	0.119		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Pentachlorophenol	ND	0.110		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Phenanthrene	**5.36**	0.119		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Phenol	ND	0.158		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Pyrene	**13.7**	0.119		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Pyridine	ND	3.16		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
1,2,4-Trichlorobenzene	ND	0.119		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
2,4,5-Trichlorophenol	ND	0.0790		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
2,4,6-Trichlorophenol	ND	0.0790		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 2/3/2026
Date Printed: 2/3/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0584
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-5-0506
Collection Date: 01/16/2026 09:20
Matrix: Soil

Lab ID: O26A0584-01 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Polychlorinated Biphenyls (PCBs) by GC/ESW8082A / SW3546				Prep Date: **01/19/2026**		Analyst: **YC1**		
ILEPA 100256								
Aroclor 1016	ND	0.0264		mg/Kg dry	1	01/19/2026	B26A0679	S26A0449
Aroclor 1221	ND	0.0791		mg/Kg dry	1	01/19/2026	B26A0679	S26A0449
Aroclor 1232	ND	0.100		mg/Kg dry	1	01/19/2026	B26A0679	S26A0449
Aroclor 1242	ND	0.0396		mg/Kg dry	1	01/19/2026	B26A0679	S26A0449
Aroclor 1248	ND	0.0396		mg/Kg dry	1	01/19/2026	B26A0679	S26A0449
Aroclor 1254	ND	0.0264		mg/Kg dry	1	01/19/2026	B26A0679	S26A0449
Aroclor 1260	ND	0.0396		mg/Kg dry	1	01/19/2026	B26A0679	S26A0449
Organochlorine Pesticides by GC/ECD	**SW8081B / SW3546**			Prep Date: **01/19/2026**		Analyst: **ER3**		
ILEPA 100256								
4,4'-DDD	ND	0.0105		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
4,4'-DDE	ND	0.00527		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
4,4'-DDT	ND	0.0105		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Aldrin	ND	0.00527		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
alpha-BHC	ND	0.00527		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
alpha-Chlordane	ND	0.00527		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
beta-BHC	ND	0.0105		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Chlordane	ND	0.0527		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
delta-BHC	ND	0.00527		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Dieldrin	ND	0.00527		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Endosulfan I	ND	0.00527		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Endosulfan II	ND	0.00527		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Endosulfan sulfate	ND	0.0105		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Endrin	ND	0.00527		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Endrin aldehyde	ND	0.0105		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Endrin ketone	ND	0.0105		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
gamma-BHC	ND	0.00527		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
gamma-Chlordane	ND	0.0105		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Heptachlor	ND	0.00527		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Heptachlor epoxide	ND	0.00527		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Methoxychlor	ND	0.0105		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Toxaphene	ND	0.600		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 2/3/2026
Date Printed: 2/3/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0584
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-5-0506
Collection Date: 01/16/2026 09:20
Matrix: Soil

Lab ID: O26A0584-01 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Herbicides by HPLC	**SW8321B / SW3546**			Prep Date: **01/20/2026**		Analyst: **JPP**		
ILEPA 100256								
2,4,5-TP (Silvex)	ND	0.255	J1	mg/Kg dry	1	01/21/2026	B26A0757	S26A0498
2,4-D	ND	0.255	J1	mg/Kg dry	1	01/21/2026	B26A0757	S26A0498
Dalapon	ND	0.850		mg/Kg dry	1	01/21/2026	B26A0757	S26A0498
Dinoseb	ND	0.255		mg/Kg dry	1	01/22/2026	B26A0757	S26A0577
Picloram	ND	0.128	* J1	mg/Kg dry	1	01/21/2026	B26A0757	S26A0498
Metals by ICP-MS	**SW6020 B / SW3050**			Prep Date: **01/19/2026**		Analyst: **MS6**		
ILEPA 100256								
Aluminum	**5,100**	13.2		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Antimony	ND	1.32		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Arsenic	**13.8**	0.658		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Barium	**292**	0.658		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Beryllium	**0.969**	0.329		mg/Kg dry	10	01/20/2026	B26A0730	S26A0511
Cadmium	**1.23**	0.329		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Calcium	**19,300**	39.5		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Chromium	**15.0**	0.658		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Cobalt	**5.13**	0.658		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Copper	**139**	1.65		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Iron	**12,100**	19.8		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Lead	**1,400**	3.29		mg/Kg dry	100	01/22/2026	B26A0730	S26A0551
Magnesium	**6,910**	19.8		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Manganese	**161**	0.658		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Nickel	**13.4**	0.658		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Potassium	**758**	19.8		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Selenium	**2.06**	0.658		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Silver	ND	0.658		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Sodium	**2,040**	39.5		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Thallium	ND	0.658		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Vanadium	**19.1**	0.658		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Zinc	**622**	0.527		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Mercury by CVAA	**SW7471B**			Prep Date: **01/19/2026**		Analyst: **DM2**		
ILEPA 100256								
Mercury	**1.92**	0.640		mg/Kg dry	10	01/19/2026	B26A0697	S26A0409
Wet Chemistry	**SM2540G**			Prep Date: **01/21/2026**		Analyst: **VE1**		
Total Solids	**75.7**	0.100	*	% (Percent)	1	01/22/2026	B26A0849	

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 2/3/2026
Date Printed: 2/3/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0584
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-5-0506
Collection Date: 01/16/2026 09:20
Matrix: Soil

Lab ID: O26A0584-01 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Wet Chemistry	**SW9014 / SW9010B**			Prep Date: **01/19/2026**		Analyst: **LN2**		
ILEPA 100256								
Cyanide	ND	0.312		mg/Kg dry	1	01/20/2026	B26A0738	S26A0457
Wet Chemistry	**SW9045D**			Prep Date: **01/18/2026**		Analyst: **GV1**		
ILEPA 100256								
pH measured in water at reported temperature	**7.48**			pH Units	1	01/18/2026	B26A0692	
pH Temperature	**19.4**			°C	1	01/18/2026	B26A0692	

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 2/3/2026
Date Printed: 2/3/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0584
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-5-1415
Collection Date: 01/16/2026 09:35
Matrix: Soil

Lab ID: O26A0584-02

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Volatile Organic Compounds by GC/MS	**SW8260B / SW5035**			Prep Date:	**01/19/2026**		Analyst: **CP1**	
ILEPA 100256								
Acetone	ND	0.0756		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Benzene	ND	0.00500		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Bromodichloromethane	ND	0.00216		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Bromoform	ND	0.00432		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Bromomethane	ND	0.0216		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
2-Butanone	ND	0.0302		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Carbon disulfide	ND	0.00432		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Carbon tetrachloride	ND	0.0216		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Chlorobenzene	ND	0.00432		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Chloroethane	ND	0.00864		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Chloroform	ND	0.00432		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Chloromethane	ND	0.00864		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Dibromochloromethane	ND	0.00216		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,1-Dichloroethane	ND	0.00432		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,2-Dichloroethane	ND	0.00216		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,1-Dichloroethene	ND	0.00216		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
cis-1,2-Dichloroethene	ND	0.00432		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
trans-1,2-Dichloroethene	ND	0.00432		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,2-Dichloropropane	ND	0.00216		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
cis-1,3-Dichloropropene	ND	0.00400		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
trans-1,3-Dichloropropene	ND	0.00400		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Ethylbenzene	ND	0.00864		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
2-Hexanone	ND	0.0302		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
4-Methyl-2-pentanone	ND	0.0302		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Methylene chloride	ND	0.0200		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Methyl tert-butyl ether	ND	0.00216		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Styrene	ND	0.00864		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,1,2,2-Tetrachloroethane	ND	0.00216		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Tetrachloroethene	ND	0.00432		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Toluene	ND	0.00500		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,1,1-Trichloroethane	ND	0.00216		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,1,2-Trichloroethane	ND	0.00216		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Trichloroethene	ND	0.00216		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Vinyl chloride	ND	0.00432		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Xylenes, Total	ND	0.0130		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 2/3/2026
Date Printed: 2/3/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0584
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-5-1415
Collection Date: 01/16/2026 09:35
Matrix: Soil

Lab ID: O26A0584-02 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Semivolatile Organic Compounds by GC/MSW8270D / SW3550				Prep Date: **01/19/2026**			Analyst: **TM1**	
ILEPA 100256								
Acenaphthene	**0.0879**	0.0188		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Acenaphthylene	ND	0.0188		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Aniline	ND	0.188		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Anthracene	**0.239**	0.0282		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Benzo(a)anthracene	**0.278**	0.0282		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Benzidine	ND	3.13		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Benzo(a)pyrene	**0.221**	0.0751		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Benzo(b)fluoranthene	**0.239**	0.0282		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Benzo(g,h,i)perylene	**0.134**	0.0375		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Benzo(k)fluoranthene	**0.0845**	0.0375		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Benzoic acid	ND	1.50		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Benzyl alcohol	ND	0.0282		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Bis(2-chloroethoxy)methane	ND	0.0188		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Bis(2-chloroethyl)ether	ND	0.00939		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Bis(2-ethylhexyl)phthalate	ND	0.188		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
4-Bromophenyl-phenylether	ND	0.0282		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Butyl benzyl phthalate	ND	0.0563		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Carbazole	**0.0788**	0.0188		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
4-Chloroaniline	ND	0.0282		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
4-Chloro-3-methylphenol	ND	0.0188		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
2-Chloronaphthalene	ND	0.0188		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
2-Chlorophenol	ND	0.0188		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
4-Chlorophenyl-phenylether	ND	0.0282		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
2,2´-oxybis(1-chloropropane)	ND	0.751		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Chrysene	**0.267**	0.0188		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Dibenzo(a,h)anthracene	ND	0.0282		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Dibenzofuran	**0.0566**	0.0282		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
1,2-Dichlorobenzene	ND	0.0282		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
1,3-Dichlorobenzene	ND	0.0282		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
1,4-Dichlorobenzene	ND	0.0282		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
3,3´-Dichlorobenzidine	ND	0.113		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
2,4-Dichlorophenol	ND	0.0188		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Diethyl phthalate	ND	0.188		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Dimethyl phthalate	ND	0.0188		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
2,4-Dimethylphenol	ND	0.0563		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Di-n-butyl phthalate	ND	0.0563		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
4,6-Dinitro-2-methylphenol	ND	0.751		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
2,4-Dinitrophenol	ND	0.188		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
2,4-Dinitrotoluene	ND	0.0282		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 2/3/2026
Date Printed: 2/3/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0584
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-5-1415
Collection Date: 01/16/2026 09:35
Matrix: Soil

Lab ID: O26A0584-02 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Semivolatile Organic Compounds by GC/MSW8270D / SW3550				Prep Date: **01/19/2026**		Analyst: **TM1**		
ILEPA 100256								
2,6-Dinitrotoluene	ND	0.0188		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Di-n-octyl phthalate	ND	0.0282		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Fluoranthene	**0.626**	0.0282		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Fluorene	**0.0926**	0.0188		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Hexachlorobenzene	ND	0.0188		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Hexachlorobutadiene	ND	0.0375		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Hexachlorocyclopentadiene	ND	0.751		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Hexachloroethane	ND	0.0375		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Indeno(1,2,3-cd)pyrene	**0.112**	0.0282		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Isophorone	ND	0.0282		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
2-Methylnaphthalene	**0.0513**	0.0282		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
2-Methylphenol	ND	0.00939		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
3 & 4-Methylphenol	ND	0.0375		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Naphthalene	**0.0325**	0.0282		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
2-Nitroaniline	ND	0.0282		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
3-Nitroaniline	ND	0.0282		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
4-Nitroaniline	ND	0.0375		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Nitrobenzene	ND	0.0375		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
2-Nitrophenol	ND	0.0282		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
4-Nitrophenol	ND	0.751		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
N-Nitrosodimethylamine	ND	0.0375		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
N-Nitrosodi-n-propylamine	ND	0.00880		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
N-Nitrosodiphenylamine	ND	0.0282		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Pentachlorophenol	ND	0.0261		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Phenanthrene	**0.826**	0.0282		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Phenol	ND	0.0375		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Pyrene	**0.657**	0.0282		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Pyridine	ND	0.751		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
1,2,4-Trichlorobenzene	ND	0.0282		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
2,4,5-Trichlorophenol	ND	0.0188		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
2,4,6-Trichlorophenol	ND	0.0188		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 2/3/2026
Date Printed: 2/3/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0584
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-5-1415
Collection Date: 01/16/2026 09:35
Matrix: Soil

Lab ID: O26A0584-02 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Polychlorinated Biphenyls (PCBs) by GC/ESW8082A / SW3546				Prep Date: **01/19/2026**		Analyst: **YC1**		
ILEPA 100256								
Aroclor 1016	ND	0.0244		mg/Kg dry	1	01/19/2026	B26A0679	S26A0449
Aroclor 1221	ND	0.0733		mg/Kg dry	1	01/19/2026	B26A0679	S26A0449
Aroclor 1232	ND	0.0977		mg/Kg dry	1	01/19/2026	B26A0679	S26A0449
Aroclor 1242	ND	0.0366		mg/Kg dry	1	01/19/2026	B26A0679	S26A0449
Aroclor 1248	ND	0.0366		mg/Kg dry	1	01/19/2026	B26A0679	S26A0449
Aroclor 1254	ND	0.0244		mg/Kg dry	1	01/19/2026	B26A0679	S26A0449
Aroclor 1260	ND	0.0366		mg/Kg dry	1	01/19/2026	B26A0679	S26A0449
Organochlorine Pesticides by GC/ECD		**SW8081B / SW3546**		Prep Date: **01/19/2026**		Analyst: **ER3**		
ILEPA 100256								
4,4'-DDD	ND	0.00977		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
4,4'-DDE	ND	0.00488		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
4,4'-DDT	ND	0.00977		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Aldrin	ND	0.00488		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
alpha-BHC	ND	0.00488		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
alpha-Chlordane	ND	0.00488		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
beta-BHC	ND	0.00977		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Chlordane	ND	0.0488		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
delta-BHC	ND	0.00488		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Dieldrin	ND	0.00488		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Endosulfan I	ND	0.00488		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Endosulfan II	ND	0.00488		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Endosulfan sulfate	ND	0.00977		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Endrin	ND	0.00488		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Endrin aldehyde	ND	0.00977		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Endrin ketone	ND	0.00977		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
gamma-BHC	ND	0.00488		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
gamma-Chlordane	ND	0.00977		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Heptachlor	ND	0.00488		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Heptachlor epoxide	ND	0.00488		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Methoxychlor	ND	0.00977		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Toxaphene	ND	0.600		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 2/3/2026
Date Printed: 2/3/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0584
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-5-1415
Collection Date: 01/16/2026 09:35
Matrix: Soil

Lab ID: O26A0584-02 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Herbicides by HPLC		**SW8321B / SW3546**		Prep Date:	**01/20/2026**	Analyst: **JPP**		
ILEPA 100256								
2,4,5-TP (Silvex)	ND	0.250		mg/Kg dry	1	01/21/2026	B26A0757	S26A0498
2,4-D	ND	0.250		mg/Kg dry	1	01/21/2026	B26A0757	S26A0498
Dalapon	ND	0.850		mg/Kg dry	1	01/21/2026	B26A0757	S26A0498
Dinoseb	ND	0.250		mg/Kg dry	1	01/22/2026	B26A0757	S26A0577
Picloram	ND	0.125	*	mg/Kg dry	1	01/21/2026	B26A0757	S26A0498
Metals by ICP-MS		**SW6020 B / SW3050**		Prep Date:	**01/19/2026**	Analyst: **MS6**		
ILEPA 100256								
Aluminum	**5,800**	12.5		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Antimony	ND	1.25		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Arsenic	**6.05**	0.627		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Barium	**41.8**	0.627		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Beryllium	**0.374**	0.313		mg/Kg dry	10	01/20/2026	B26A0730	S26A0511
Cadmium	ND	0.313		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Calcium	**43,100**	37.6		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Chromium	**13.3**	0.627		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Cobalt	**9.42**	0.627		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Copper	**28.0**	1.57		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Iron	**15,800**	18.8		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Lead	**42.0**	0.313		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Magnesium	**21,100**	18.8		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Manganese	**320**	0.627		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Nickel	**23.6**	0.627		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Potassium	**1,330**	18.8		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Selenium	ND	0.627		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Silver	ND	0.627		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Sodium	**357**	37.6		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Thallium	ND	0.627		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Vanadium	**13.5**	0.627		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Zinc	**48.7**	0.501		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Mercury by CVAA		**SW7471B**		Prep Date:	**01/19/2026**	Analyst: **DM2**		
ILEPA 100256								
Mercury	ND	0.0625		mg/Kg dry	1	01/19/2026	B26A0697	S26A0409
Wet Chemistry		**SM2540G**		Prep Date:	**01/21/2026**	Analyst: **VE1**		
Total Solids	**79.5**	0.100	*	% (Percent)	1	01/23/2026	B26A0886	

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 2/3/2026
Date Printed: 2/3/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0584
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-5-1415
Collection Date: 01/16/2026 09:35
Matrix: Soil

Lab ID: O26A0584-02 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Wet Chemistry	**SW9014 / SW9010B**			Prep Date: **01/19/2026**		Analyst: **LN2**		
ILEPA 100256								
Cyanide	ND	0.291		mg/Kg dry	1	01/20/2026	B26A0738	S26A0457
Wet Chemistry	**SW9045D**			Prep Date: **01/18/2026**		Analyst: **GV1**		
ILEPA 100256								
pH measured in water at reported temperature	**7.22**			pH Units	1	01/18/2026	B26A0692	
pH Temperature	**19.1**			°C	1	01/18/2026	B26A0692	

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 2/3/2026
Date Printed: 2/3/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0584
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-7-0809
Collection Date: 01/16/2026 09:15
Matrix: Soil

Lab ID: O26A0584-03

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Volatile Organic Compounds by GC/MS	**SW8260B / SW5035**			Prep Date:	**01/19/2026**		Analyst: **CP1**	
ILEPA 100256								
Acetone	ND	0.0611		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Benzene	ND	0.00500		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Bromodichloromethane	ND	0.00174		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Bromoform	ND	0.00349		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Bromomethane	ND	0.0174		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
2-Butanone	ND	0.0244		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Carbon disulfide	ND	0.00349		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Carbon tetrachloride	ND	0.0174		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Chlorobenzene	ND	0.00349		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Chloroethane	ND	0.00698		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Chloroform	ND	0.00349		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Chloromethane	ND	0.00698		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Dibromochloromethane	ND	0.00174		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,1-Dichloroethane	ND	0.00349		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,2-Dichloroethane	ND	0.00174		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,1-Dichloroethene	ND	0.00174		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
cis-1,2-Dichloroethene	ND	0.00349		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
trans-1,2-Dichloroethene	ND	0.00349		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,2-Dichloropropane	ND	0.00174		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
cis-1,3-Dichloropropene	ND	0.00349		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
trans-1,3-Dichloropropene	ND	0.00349		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Ethylbenzene	ND	0.00698		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
2-Hexanone	ND	0.0244		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
4-Methyl-2-pentanone	ND	0.0244		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Methylene chloride	ND	0.0174		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Methyl tert-butyl ether	ND	0.00174		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Styrene	ND	0.00698		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,1,2,2-Tetrachloroethane	ND	0.00174		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Tetrachloroethene	ND	0.00349		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Toluene	ND	0.00500		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,1,1-Trichloroethane	ND	0.00174		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,1,2-Trichloroethane	ND	0.00174		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Trichloroethene	ND	0.00174		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Vinyl chloride	ND	0.00349		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Xylenes, Total	ND	0.0105		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 2/3/2026
Date Printed: 2/3/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0584
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-7-0809
Collection Date: 01/16/2026 09:15
Matrix: Soil

Lab ID: O26A0584-03 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Semivolatile Organic Compounds by GC/MSW8270D / SW3550				Prep Date: **01/19/2026**		Analyst: **TM1**		
ILEPA 100256								
Acenaphthene	**0.315**	0.0727		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Acenaphthylene	ND	0.0727		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Aniline	ND	0.727		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Anthracene	**0.838**	0.109		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Benzo(a)anthracene	**2.35**	0.109		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Benzidine	ND	12.1		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Benzo(a)pyrene	**2.31**	0.291		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Benzo(b)fluoranthene	**3.25**	0.109		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Benzo(g,h,i)perylene	**1.48**	0.145		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Benzo(k)fluoranthene	**1.01**	0.145		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Benzoic acid	ND	5.81	Q	mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Benzyl alcohol	ND	0.109		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Bis(2-chloroethoxy)methane	ND	0.0727		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Bis(2-chloroethyl)ether	ND	0.0363		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Bis(2-ethylhexyl)phthalate	ND	0.727		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
4-Bromophenyl-phenylether	ND	0.109		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Butyl benzyl phthalate	ND	0.218		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Carbazole	**0.363**	0.0727		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
4-Chloroaniline	ND	0.109		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
4-Chloro-3-methylphenol	ND	0.0727		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
2-Chloronaphthalene	ND	0.0727		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
2-Chlorophenol	ND	0.0727		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
4-Chlorophenyl-phenylether	ND	0.109		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
2,2´-oxybis(1-chloropropane)	ND	2.91		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Chrysene	**2.63**	0.0727		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Dibenzo(a,h)anthracene	**0.395**	0.109		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Dibenzofuran	**0.230**	0.109		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
1,2-Dichlorobenzene	ND	0.109		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
1,3-Dichlorobenzene	ND	0.109		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
1,4-Dichlorobenzene	ND	0.109		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
3,3´-Dichlorobenzidine	ND	0.436		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
2,4-Dichlorophenol	ND	0.0727		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Diethyl phthalate	ND	0.727		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Dimethyl phthalate	ND	0.0727		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
2,4-Dimethylphenol	ND	0.218		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Di-n-butyl phthalate	ND	0.218		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
4,6-Dinitro-2-methylphenol	ND	2.91		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
2,4-Dinitrophenol	ND	0.727		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
2,4-Dinitrotoluene	ND	0.109		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 2/3/2026
Date Printed: 2/3/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0584
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-7-0809
Collection Date: 01/16/2026 09:15
Matrix: Soil

Lab ID: O26A0584-03 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Semivolatile Organic Compounds by GC/MSW8270D / SW3550				Prep Date: **01/19/2026**			Analyst: **TM1**	
ILEPA 100256								
2,6-Dinitrotoluene	ND	0.0727		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Di-n-octyl phthalate	ND	0.109		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Fluoranthene	**5.45**	0.109		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Fluorene	**0.463**	0.0727		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Hexachlorobenzene	ND	0.0727		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Hexachlorobutadiene	ND	0.145		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Hexachlorocyclopentadiene	ND	2.91	Q	mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Hexachloroethane	ND	0.145		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Indeno(1,2,3-cd)pyrene	**1.59**	0.109		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Isophorone	ND	0.109		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
2-Methylnaphthalene	**0.127**	0.109		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
2-Methylphenol	ND	0.0363		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
3 & 4-Methylphenol	ND	0.145		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Naphthalene	**0.245**	0.109		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
2-Nitroaniline	ND	0.109		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
3-Nitroaniline	ND	0.109		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
4-Nitroaniline	ND	0.145		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Nitrobenzene	ND	0.145		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
2-Nitrophenol	ND	0.109		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
4-Nitrophenol	ND	2.91		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
N-Nitrosodimethylamine	ND	0.145		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
N-Nitrosodi-n-propylamine	ND	0.0341		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
N-Nitrosodiphenylamine	ND	0.109		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Pentachlorophenol	ND	0.101		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Phenanthrene	**3.47**	0.109		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Phenol	ND	0.145		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Pyrene	**5.21**	0.109		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Pyridine	ND	2.91		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
1,2,4-Trichlorobenzene	ND	0.109		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
2,4,5-Trichlorophenol	ND	0.0727		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
2,4,6-Trichlorophenol	ND	0.0727		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 2/3/2026
Date Printed: 2/3/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0584
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-7-0809
Collection Date: 01/16/2026 09:15
Matrix: Soil

Lab ID: O26A0584-03 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Polychlorinated Biphenyls (PCBs) by GC/ESW8082A / SW3546				Prep Date: **01/19/2026**		Analyst: **YC1**		
ILEPA 100256								
Aroclor 1016	ND	0.0235		mg/Kg dry	1	01/19/2026	B26A0679	S26A0449
Aroclor 1221	ND	0.0705		mg/Kg dry	1	01/19/2026	B26A0679	S26A0449
Aroclor 1232	ND	0.0940		mg/Kg dry	1	01/19/2026	B26A0679	S26A0449
Aroclor 1242	ND	0.0353		mg/Kg dry	1	01/19/2026	B26A0679	S26A0449
Aroclor 1248	ND	0.0353		mg/Kg dry	1	01/19/2026	B26A0679	S26A0449
Aroclor 1254	ND	0.0235		mg/Kg dry	1	01/19/2026	B26A0679	S26A0449
Aroclor 1260	ND	0.0353		mg/Kg dry	1	01/19/2026	B26A0679	S26A0449
Organochlorine Pesticides by GC/ECD		**SW8081B / SW3546**		Prep Date: **01/19/2026**		Analyst: **ER3**		
ILEPA 100256								
4,4'-DDD	ND	0.00940		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
4,4'-DDE	ND	0.00470		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
4,4'-DDT	ND	0.00940		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Aldrin	ND	0.00470		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
alpha-BHC	ND	0.00470		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
alpha-Chlordane	ND	0.00470		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
beta-BHC	ND	0.00940		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Chlordane	ND	0.0470		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
delta-BHC	ND	0.00470		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Dieldrin	ND	0.00470		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Endosulfan I	ND	0.00470		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Endosulfan II	ND	0.00470		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Endosulfan sulfate	ND	0.00940		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Endrin	ND	0.00470		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Endrin aldehyde	ND	0.00940		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Endrin ketone	ND	0.00940		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
gamma-BHC	ND	0.00470		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
gamma-Chlordane	ND	0.00940		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Heptachlor	ND	0.00470		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Heptachlor epoxide	ND	0.00470		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Methoxychlor	ND	0.00940		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Toxaphene	ND	0.588		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 2/3/2026
Date Printed: 2/3/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0584
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-7-0809
Collection Date: 01/16/2026 09:15
Matrix: Soil

Lab ID: O26A0584-03 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Herbicides by HPLC		**SW8321B / SW3546**		Prep Date:	**01/20/2026**	Analyst: **JPP**		
ILEPA 100256								
2,4,5-TP (Silvex)	ND	0.233		mg/Kg dry	1	01/21/2026	B26A0757	S26A0498
2,4-D	ND	0.233		mg/Kg dry	1	01/21/2026	B26A0757	S26A0498
Dalapon	ND	0.850		mg/Kg dry	1	01/21/2026	B26A0757	S26A0498
Dinoseb	ND	0.233		mg/Kg dry	1	01/23/2026	B26A0757	S26A0577
Picloram	ND	0.117	*	mg/Kg dry	1	01/21/2026	B26A0757	S26A0498
Metals by ICP-MS		**SW6020 B / SW3050**		Prep Date:	**01/19/2026**	Analyst: **MS6**		
ILEPA 100256								
Aluminum	**5,420**	12.2		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Antimony	ND	1.22		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Arsenic	**4.69**	0.608		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Barium	**45.9**	0.608		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Beryllium	**0.395**	0.304		mg/Kg dry	10	01/20/2026	B26A0730	S26A0511
Cadmium	ND	0.304		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Calcium	**16,000**	36.5		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Chromium	**14.1**	0.608		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Cobalt	**7.34**	0.608		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Copper	**23.6**	1.52		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Iron	**14,100**	18.2		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Lead	**35.1**	0.304		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Magnesium	**9,030**	18.2		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Manganese	**180**	0.608		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Nickel	**20.5**	0.608		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Potassium	**984**	18.2		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Selenium	ND	0.608		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Silver	ND	0.608		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Sodium	**1,250**	36.5		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Thallium	ND	0.608		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Vanadium	**15.8**	0.608		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Zinc	**44.0**	0.486		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Mercury by CVAA		**SW7471B**		Prep Date:	**01/19/2026**	Analyst: **DM2**		
ILEPA 100256								
Mercury	**0.205**	0.0607		mg/Kg dry	1	01/19/2026	B26A0697	S26A0409
Wet Chemistry		**SM2540G**		Prep Date:	**01/21/2026**	Analyst: **VE1**		
Total Solids	**81.9**	0.100	*	% (Percent)	1	01/23/2026	B26A0886	

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 2/3/2026
Date Printed: 2/3/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0584
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-7-0809
Collection Date: 01/16/2026 09:15
Matrix: Soil

Lab ID: O26A0584-03 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Wet Chemistry	**SW9014 / SW9010B**			Prep Date: **01/19/2026**		Analyst: **LN2**		
ILEPA 100256								
Cyanide	ND	0.284		mg/Kg dry	1	01/20/2026	B26A0738	S26A0457
Wet Chemistry	**SW9045D**			Prep Date: **01/18/2026**		Analyst: **GV1**		
ILEPA 100256								
pH measured in water at reported temperature	**8.30**			pH Units	1	01/18/2026	B26A0692	
pH Temperature	**19.3**			°C	1	01/18/2026	B26A0692	

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 2/3/2026
Date Printed: 2/3/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0584
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-8-0607
Collection Date: 01/16/2026 12:00
Matrix: Soil

Lab ID: O26A0584-04

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Volatile Organic Compounds by GC/MS **SW8260B / SW5035**				Prep Date: **01/19/2026**		Analyst: **CP1**		
ILEPA 100256								
Acetone	ND	0.0713		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Benzene	ND	0.00500		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Bromodichloromethane	ND	0.00204		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Bromoform	ND	0.00407		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Bromomethane	ND	0.0204		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
2-Butanone	ND	0.0285		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Carbon disulfide	ND	0.00407		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Carbon tetrachloride	ND	0.0204		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Chlorobenzene	ND	0.00407		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Chloroethane	ND	0.00815		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Chloroform	ND	0.00407		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Chloromethane	ND	0.00815		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Dibromochloromethane	ND	0.00204		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,1-Dichloroethane	ND	0.00407		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,2-Dichloroethane	ND	0.00204		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,1-Dichloroethene	ND	0.00204		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
cis-1,2-Dichloroethene	ND	0.00407		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
trans-1,2-Dichloroethene	ND	0.00407		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,2-Dichloropropane	ND	0.00204		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
cis-1,3-Dichloropropene	ND	0.00400		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
trans-1,3-Dichloropropene	ND	0.00400		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Ethylbenzene	ND	0.00815		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
2-Hexanone	ND	0.0285		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
4-Methyl-2-pentanone	ND	0.0285		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Methylene chloride	ND	0.0200		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Methyl tert-butyl ether	ND	0.00204		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Styrene	ND	0.00815		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,1,2,2-Tetrachloroethane	ND	0.00204		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Tetrachloroethene	ND	0.00407		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Toluene	ND	0.00500		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,1,1-Trichloroethane	ND	0.00204		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,1,2-Trichloroethane	ND	0.00204		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Trichloroethene	ND	0.00204		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Vinyl chloride	ND	0.00407		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Xylenes, Total	ND	0.0122		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 2/3/2026
Date Printed: 2/3/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0584
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-8-0607
Collection Date: 01/16/2026 12:00
Matrix: Soil

Lab ID: O26A0584-04 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Semivolatile Organic Compounds by GC/MSW8270D / SW3550				Prep Date: **01/19/2026**			Analyst: **TM1**	
ILEPA 100256								
Acenaphthene	**0.207**	0.0748		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Acenaphthylene	**0.138**	0.0748		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Aniline	ND	0.748		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Anthracene	**0.608**	0.112		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Benzo(a)anthracene	**1.59**	0.112		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Benzidine	ND	12.4		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Benzo(a)pyrene	**1.49**	0.299		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Benzo(b)fluoranthene	**1.93**	0.112		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Benzo(g,h,i)perylene	**0.897**	0.150		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Benzo(k)fluoranthene	**0.698**	0.150		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Benzoic acid	ND	5.98	Q	mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Benzyl alcohol	ND	0.112		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Bis(2-chloroethoxy)methane	ND	0.0748		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Bis(2-chloroethyl)ether	ND	0.0374		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Bis(2-ethylhexyl)phthalate	ND	0.748		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
4-Bromophenyl-phenylether	ND	0.112		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Butyl benzyl phthalate	ND	0.224		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Carbazole	**0.140**	0.0748		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
4-Chloroaniline	ND	0.112		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
4-Chloro-3-methylphenol	ND	0.0748		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
2-Chloronaphthalene	ND	0.0748		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
2-Chlorophenol	ND	0.0748		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
4-Chlorophenyl-phenylether	ND	0.112		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
2,2´-oxybis(1-chloropropane)	ND	2.99		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Chrysene	**1.64**	0.0748		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Dibenzo(a,h)anthracene	**0.244**	0.112		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Dibenzofuran	**0.133**	0.112		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
1,2-Dichlorobenzene	ND	0.112		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
1,3-Dichlorobenzene	ND	0.112		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
1,4-Dichlorobenzene	ND	0.112		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
3,3´-Dichlorobenzidine	ND	0.449		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
2,4-Dichlorophenol	ND	0.0748		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Diethyl phthalate	ND	0.748		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Dimethyl phthalate	ND	0.0748		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
2,4-Dimethylphenol	ND	0.224		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Di-n-butyl phthalate	ND	0.224		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
4,6-Dinitro-2-methylphenol	ND	2.99		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
2,4-Dinitrophenol	ND	0.748		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
2,4-Dinitrotoluene	ND	0.112		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 2/3/2026
Date Printed: 2/3/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0584
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-8-0607
Collection Date: 01/16/2026 12:00
Matrix: Soil

Lab ID: O26A0584-04 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Semivolatile Organic Compounds by GC/MSW8270D / SW3550				Prep Date: **01/19/2026**		Analyst: **TM1**		
ILEPA 100256								
2,6-Dinitrotoluene	ND	0.0748		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Di-n-octyl phthalate	ND	0.112		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Fluoranthene	**3.64**	0.112		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Fluorene	**0.348**	0.0748		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Hexachlorobenzene	ND	0.0748		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Hexachlorobutadiene	ND	0.150		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Hexachlorocyclopentadiene	ND	2.99	Q	mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Hexachloroethane	ND	0.150		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Indeno(1,2,3-cd)pyrene	**0.992**	0.112		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Isophorone	ND	0.112		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
2-Methylnaphthalene	ND	0.112		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
2-Methylphenol	ND	0.0374		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
3 & 4-Methylphenol	ND	0.150		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Naphthalene	ND	0.112		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
2-Nitroaniline	ND	0.112		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
3-Nitroaniline	ND	0.112		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
4-Nitroaniline	ND	0.150		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Nitrobenzene	ND	0.150		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
2-Nitrophenol	ND	0.112		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
4-Nitrophenol	ND	2.99		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
N-Nitrosodimethylamine	ND	0.150		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
N-Nitrosodi-n-propylamine	ND	0.0351		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
N-Nitrosodiphenylamine	ND	0.112		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Pentachlorophenol	ND	0.104		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Phenanthrene	**1.57**	0.112		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Phenol	ND	0.150		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Pyrene	**3.48**	0.112		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
Pyridine	ND	2.99		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
1,2,4-Trichlorobenzene	ND	0.112		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
2,4,5-Trichlorophenol	ND	0.0748		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472
2,4,6-Trichlorophenol	ND	0.0748		mg/Kg dry	4	01/20/2026	B26A0700	S26A0472

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 2/3/2026
Date Printed: 2/3/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0584
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-8-0607
Collection Date: 01/16/2026 12:00
Matrix: Soil

Lab ID: O26A0584-04 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Polychlorinated Biphenyls (PCBs) by GC/ESW8082A / SW3546				Prep Date: **01/19/2026**		Analyst: **YC1**		
ILEPA 100256								
Aroclor 1016	ND	0.0244		mg/Kg dry	1	01/19/2026	B26A0679	S26A0449
Aroclor 1221	ND	0.0732		mg/Kg dry	1	01/19/2026	B26A0679	S26A0449
Aroclor 1232	ND	0.0975		mg/Kg dry	1	01/19/2026	B26A0679	S26A0449
Aroclor 1242	ND	0.0366		mg/Kg dry	1	01/19/2026	B26A0679	S26A0449
Aroclor 1248	ND	0.0366		mg/Kg dry	1	01/19/2026	B26A0679	S26A0449
Aroclor 1254	ND	0.0244		mg/Kg dry	1	01/19/2026	B26A0679	S26A0449
Aroclor 1260	ND	0.0366		mg/Kg dry	1	01/19/2026	B26A0679	S26A0449
Organochlorine Pesticides by GC/ECD		**SW8081B / SW3546**		Prep Date: **01/19/2026**		Analyst: **ER3**		
ILEPA 100256								
4,4'-DDD	ND	0.00975		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
4,4'-DDE	ND	0.00488		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
4,4'-DDT	ND	0.00975		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Aldrin	ND	0.00488		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
alpha-BHC	ND	0.00488		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
alpha-Chlordane	ND	0.00488		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
beta-BHC	ND	0.00975		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Chlordane	ND	0.0488		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
delta-BHC	ND	0.00488		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Dieldrin	ND	0.00488		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Endosulfan I	ND	0.00488		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Endosulfan II	ND	0.00488		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Endosulfan sulfate	ND	0.00975		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Endrin	**0.00719**	0.00488		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Endrin aldehyde	ND	0.00975		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Endrin ketone	ND	0.00975		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
gamma-BHC	ND	0.00488		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
gamma-Chlordane	ND	0.00975		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Heptachlor	ND	0.00488		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Heptachlor epoxide	ND	0.00488		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Methoxychlor	ND	0.00975		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Toxaphene	ND	0.600		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 2/3/2026
Date Printed: 2/3/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0584
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-8-0607
Collection Date: 01/16/2026 12:00
Matrix: Soil

Lab ID: O26A0584-04 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Herbicides by HPLC	**SW8321B / SW3546**			Prep Date: **01/20/2026**		Analyst: **JPP**		
ILEPA 100256								
2,4,5-TP (Silvex)	ND	0.249		mg/Kg dry	1	01/21/2026	B26A0757	S26A0498
2,4-D	ND	0.249		mg/Kg dry	1	01/21/2026	B26A0757	S26A0498
Dalapon	ND	0.850		mg/Kg dry	1	01/21/2026	B26A0757	S26A0498
Dinoseb	ND	0.249		mg/Kg dry	1	01/23/2026	B26A0757	S26A0577
Picloram	ND	0.125	*	mg/Kg dry	1	01/21/2026	B26A0757	S26A0498
Metals by ICP-MS	**SW6020 B / SW3050**			Prep Date: **01/19/2026**		Analyst: **MS6**		
ILEPA 100256								
Aluminum	**5,080**	12.4		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Antimony	ND	1.24		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Arsenic	**5.83**	0.618		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Barium	**188**	0.618		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Beryllium	**0.482**	0.309		mg/Kg dry	10	01/20/2026	B26A0730	S26A0511
Cadmium	**0.552**	0.309		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Calcium	**33,500**	37.1		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Chromium	**13.0**	0.618		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Cobalt	**6.34**	0.618		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Copper	**28.7**	1.55		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Iron	**11,700**	18.6		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Lead	**122**	0.309		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Magnesium	**13,400**	18.6		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Manganese	**212**	0.618		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Nickel	**16.0**	0.618		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Potassium	**852**	18.6		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Selenium	ND	0.618		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Silver	ND	0.618		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Sodium	**1,070**	37.1		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Thallium	ND	0.618		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Vanadium	**13.5**	0.618		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Zinc	**190**	0.495		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Mercury by CVAA	**SW7471B**			Prep Date: **01/19/2026**		Analyst: **DM2**		
ILEPA 100256								
Mercury	**0.163**	0.0612		mg/Kg dry	1	01/19/2026	B26A0697	S26A0409
Wet Chemistry	**SM2540G**			Prep Date: **01/21/2026**		Analyst: **VE1**		
Total Solids	**80.0**	0.100	*	% (Percent)	1	01/23/2026	B26A0886	

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 2/3/2026
Date Printed: 2/3/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0584
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-8-0607
Collection Date: 01/16/2026 12:00
Matrix: Soil

Lab ID: O26A0584-04 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Wet Chemistry	**SW9014 / SW9010B**			Prep Date: **01/19/2026**		Analyst: **LN2**		
ILEPA 100256								
Cyanide	ND	0.299		mg/Kg dry	1	01/20/2026	B26A0738	S26A0457
Wet Chemistry	**SW9045D**			Prep Date: **01/18/2026**		Analyst: **GV1**		
ILEPA 100256								
pH measured in water at reported temperature	**8.46**			pH Units	1	01/18/2026	B26A0692	
pH Temperature	**19.1**			°C	1	01/18/2026	B26A0692	

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 2/3/2026
Date Printed: 2/3/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0584
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-8-1112
Collection Date: 01/16/2026 12:10
Matrix: Soil

Lab ID: O26A0584-05

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Volatile Organic Compounds by GC/MS	**SW8260B / SW5035**			Prep Date:	**01/19/2026**		Analyst: **CP1**	
ILEPA 100256								
Acetone	ND	0.0607		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Benzene	ND	0.00500		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Bromodichloromethane	ND	0.00174		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Bromoform	ND	0.00347		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Bromomethane	ND	0.0174		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
2-Butanone	ND	0.0243		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Carbon disulfide	ND	0.00347		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Carbon tetrachloride	ND	0.0174		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Chlorobenzene	ND	0.00347		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Chloroethane	ND	0.00694		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Chloroform	ND	0.00347		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Chloromethane	ND	0.00694		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Dibromochloromethane	ND	0.00174		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,1-Dichloroethane	ND	0.00347		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,2-Dichloroethane	ND	0.00174		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,1-Dichloroethene	ND	0.00174		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
cis-1,2-Dichloroethene	ND	0.00347		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
trans-1,2-Dichloroethene	ND	0.00347		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,2-Dichloropropane	ND	0.00174		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
cis-1,3-Dichloropropene	ND	0.00347		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
trans-1,3-Dichloropropene	ND	0.00347		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Ethylbenzene	ND	0.00694		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
2-Hexanone	ND	0.0243		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
4-Methyl-2-pentanone	ND	0.0243		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Methylene chloride	ND	0.0174		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Methyl tert-butyl ether	ND	0.00174		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Styrene	ND	0.00694		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,1,2,2-Tetrachloroethane	ND	0.00174		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Tetrachloroethene	ND	0.00347		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Toluene	ND	0.00500		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,1,1-Trichloroethane	ND	0.00174		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
1,1,2-Trichloroethane	ND	0.00174		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Trichloroethene	ND	0.00174		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Vinyl chloride	ND	0.00347		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452
Xylenes, Total	ND	0.0104		mg/Kg dry	1	01/19/2026	B26A0775	S26A0452

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 2/3/2026
Date Printed: 2/3/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0584
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-8-1112
Collection Date: 01/16/2026 12:10
Matrix: Soil

Lab ID: O26A0584-05 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Semivolatile Organic Compounds by GC/MSW8270D / SW3550				Prep Date: **01/19/2026**			Analyst: **TM1**	
ILEPA 100256								
Acenaphthene	**0.0189**	0.0177		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Acenaphthylene	ND	0.0177		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Aniline	ND	0.177		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Anthracene	**0.0593**	0.0266		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Benzo(a)anthracene	**0.147**	0.0266		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Benzidine	ND	2.95		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Benzo(a)pyrene	**0.118**	0.0708		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Benzo(b)fluoranthene	**0.156**	0.0266		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Benzo(g,h,i)perylene	**0.0714**	0.0354		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Benzo(k)fluoranthene	**0.0505**	0.0354		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Benzoic acid	ND	1.42		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Benzyl alcohol	ND	0.0266		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Bis(2-chloroethoxy)methane	ND	0.0177		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Bis(2-chloroethyl)ether	ND	0.00885		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Bis(2-ethylhexyl)phthalate	ND	0.177		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
4-Bromophenyl-phenylether	ND	0.0266		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Butyl benzyl phthalate	ND	0.0531		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Carbazole	**0.0201**	0.0177		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
4-Chloroaniline	ND	0.0266		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
4-Chloro-3-methylphenol	ND	0.0177		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
2-Chloronaphthalene	ND	0.0177		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
2-Chlorophenol	ND	0.0177		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
4-Chlorophenyl-phenylether	ND	0.0266		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
2,2´-oxybis(1-chloropropane)	ND	0.708		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Chrysene	**0.153**	0.0177		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Dibenzo(a,h)anthracene	ND	0.0266		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Dibenzofuran	ND	0.0266		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
1,2-Dichlorobenzene	ND	0.0266		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
1,3-Dichlorobenzene	ND	0.0266		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
1,4-Dichlorobenzene	ND	0.0266		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
3,3´-Dichlorobenzidine	ND	0.106		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
2,4-Dichlorophenol	ND	0.0177		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Diethyl phthalate	ND	0.177		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Dimethyl phthalate	ND	0.0177		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
2,4-Dimethylphenol	ND	0.0531		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Di-n-butyl phthalate	ND	0.0531		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
4,6-Dinitro-2-methylphenol	ND	0.708		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
2,4-Dinitrophenol	ND	0.177		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
2,4-Dinitrotoluene	ND	0.0266		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 2/3/2026
Date Printed: 2/3/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0584
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-8-1112
Collection Date: 01/16/2026 12:10
Matrix: Soil

Lab ID: O26A0584-05 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Semivolatile Organic Compounds by GC/MS W8270D / SW3550				Prep Date: **01/19/2026**		Analyst: **TM1**		
ILEPA 100256								
2,6-Dinitrotoluene	ND	0.0177		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Di-n-octyl phthalate	ND	0.0266		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Fluoranthene	**0.295**	0.0266		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Fluorene	**0.0295**	0.0177		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Hexachlorobenzene	ND	0.0177		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Hexachlorobutadiene	ND	0.0354		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Hexachlorocyclopentadiene	ND	0.708		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Hexachloroethane	ND	0.0354		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Indeno(1,2,3-cd)pyrene	**0.0702**	0.0266		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Isophorone	ND	0.0266		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
2-Methylnaphthalene	ND	0.0266		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
2-Methylphenol	ND	0.00885		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
3 & 4-Methylphenol	ND	0.0354		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Naphthalene	ND	0.0266		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
2-Nitroaniline	ND	0.0266		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
3-Nitroaniline	ND	0.0266		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
4-Nitroaniline	ND	0.0354		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Nitrobenzene	ND	0.0354		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
2-Nitrophenol	ND	0.0266		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
4-Nitrophenol	ND	0.708		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
N-Nitrosodimethylamine	ND	0.0354		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
N-Nitrosodi-n-propylamine	ND	0.00830		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
N-Nitrosodiphenylamine	ND	0.0266		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Pentachlorophenol	ND	0.0246		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Phenanthrene	**0.240**	0.0266		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Phenol	ND	0.0354		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Pyrene	**0.264**	0.0266		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
Pyridine	ND	0.708		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
1,2,4-Trichlorobenzene	ND	0.0266		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
2,4,5-Trichlorophenol	ND	0.0177		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471
2,4,6-Trichlorophenol	ND	0.0177		mg/Kg dry	1	01/19/2026	B26A0700	S26A0471

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 2/3/2026
Date Printed: 2/3/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0584
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-8-1112
Collection Date: 01/16/2026 12:10
Matrix: Soil

Lab ID: O26A0584-05 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Polychlorinated Biphenyls (PCBs) by GC/ESW8082A / SW3546				Prep Date: **01/19/2026**		Analyst: **YC1**		
ILEPA 100256								
Aroclor 1016	ND	0.0230		mg/Kg dry	1	01/19/2026	B26A0679	S26A0449
Aroclor 1221	ND	0.0689		mg/Kg dry	1	01/19/2026	B26A0679	S26A0449
Aroclor 1232	ND	0.0919		mg/Kg dry	1	01/19/2026	B26A0679	S26A0449
Aroclor 1242	ND	0.0345		mg/Kg dry	1	01/19/2026	B26A0679	S26A0449
Aroclor 1248	ND	0.0345		mg/Kg dry	1	01/19/2026	B26A0679	S26A0449
Aroclor 1254	ND	0.0230		mg/Kg dry	1	01/19/2026	B26A0679	S26A0449
Aroclor 1260	ND	0.0345		mg/Kg dry	1	01/19/2026	B26A0679	S26A0449
Organochlorine Pesticides by GC/ECD	**SW8081B / SW3546**			Prep Date: **01/19/2026**		Analyst: **ER3**		
ILEPA 100256								
4,4'-DDD	ND	0.00919		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
4,4'-DDE	ND	0.00460		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
4,4'-DDT	ND	0.00919		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Aldrin	ND	0.00460		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
alpha-BHC	ND	0.00460		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
alpha-Chlordane	ND	0.00460		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
beta-BHC	ND	0.00919		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Chlordane	ND	0.0460		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
delta-BHC	ND	0.00460		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Dieldrin	ND	0.00460		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Endosulfan I	ND	0.00460		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Endosulfan II	ND	0.00460		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Endosulfan sulfate	ND	0.00919		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Endrin	ND	0.00460		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Endrin aldehyde	ND	0.00919		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Endrin ketone	ND	0.00919		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
gamma-BHC	ND	0.00460		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
gamma-Chlordane	ND	0.00919		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Heptachlor	ND	0.00460		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Heptachlor epoxide	ND	0.00460		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Methoxychlor	ND	0.00919		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465
Toxaphene	ND	0.575		mg/Kg dry	1	01/19/2026	B26A0678	S26A0465

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 2/3/2026
Date Printed: 2/3/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0584
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-8-1112
Collection Date: 01/16/2026 12:10
Matrix: Soil

Lab ID: O26A0584-05 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Herbicides by HPLC		**SW8321B / SW3546**		Prep Date:	**01/20/2026**	Analyst: **JPP**		
ILEPA 100256								
2,4,5-TP (Silvex)	ND	0.235		mg/Kg dry	1	01/21/2026	B26A0757	S26A0498
2,4-D	ND	0.235		mg/Kg dry	1	01/21/2026	B26A0757	S26A0498
Dalapon	ND	0.850		mg/Kg dry	1	01/21/2026	B26A0757	S26A0498
Dinoseb	ND	0.235		mg/Kg dry	1	01/23/2026	B26A0757	S26A0577
Picloram	ND	0.118	*	mg/Kg dry	1	01/21/2026	B26A0757	S26A0498
Metals by ICP-MS		**SW6020 B / SW3050**		Prep Date:	**01/19/2026**	Analyst: **MS6**		
ILEPA 100256								
Aluminum	**6,650**	11.7		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Antimony	ND	1.17		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Arsenic	**15.7**	0.587		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Barium	**68.5**	0.587		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Beryllium	**0.405**	0.293		mg/Kg dry	10	01/20/2026	B26A0730	S26A0511
Cadmium	ND	0.293		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Calcium	**39,900**	35.2		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Chromium	**15.1**	0.587		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Cobalt	**13.3**	0.587		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Copper	**31.3**	1.47		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Iron	**25,900**	17.6		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Lead	**26.9**	0.293		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Magnesium	**20,400**	17.6		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Manganese	**378**	0.587		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Nickel	**34.7**	0.587		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Potassium	**1,330**	17.6		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Selenium	ND	0.587		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Silver	ND	0.587		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Sodium	**627**	35.2		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Thallium	ND	0.587		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Vanadium	**15.6**	0.587		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Zinc	**66.0**	0.469		mg/Kg dry	10	01/19/2026	B26A0730	S26A0468
Metals by ICP-MS		**SW6020B / SW1311 / SW3015 / 1311**		Prep Date:	**02/02/2026**	Analyst: **MS6**		
ILEPA 100256								
Iron TCLP	ND	0.375		mg/L	5	02/02/2026	B26B0010	S26B0036
Mercury by CVAA		**SW7471B**		Prep Date:	**01/19/2026**	Analyst: **DM2**		
ILEPA 100256								
Mercury	ND	0.0584		mg/Kg dry	1	01/19/2026	B26A0697	S26A0409

sterling labs - O'Hare Location
509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.thesterlinglab.com

Date Reported: 2/3/2026
Date Printed: 2/3/2026

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: O26A0584
Project: 25-2103, UIC Drug Discovery Center, 820 S. Paulina

Client Sample ID: B-8-1112
Collection Date: 01/16/2026 12:10
Matrix: Soil

Lab ID: O26A0584-05 (Continued)

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	Batch	AnaBatch
Wet Chemistry		**SM2540G**		Prep Date:		**01/21/2026**	Analyst: **VE1**	
Total Solids	**84.0**	0.100	*	% (Percent)	1	01/23/2026	B26A0886	
Wet Chemistry		**SW9014 / SW9010B**		Prep Date:		**01/19/2026**	Analyst: **LN2**	
ILEPA 100256								
Cyanide	ND	0.281		mg/Kg dry	1	01/20/2026	B26A0738	S26A0457
Wet Chemistry		**SW9045D**		Prep Date:		**01/18/2026**	Analyst: **GV1**	
ILEPA 100256								
pH measured in water at reported temperature	**6.74**			pH Units	1	01/18/2026	B26A0693	
pH Temperature	**19.4**			°C	1	01/18/2026	B26A0693	

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated method blank
HT - Sample received past holding time
J1 - Estimated result based on MS/MSD results
* - Non-accredited parameter
RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
P - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded
Q - Quality control issue. Please see case narrative

1/16/26

sterling labs
2242 W. Harrison, Suite 200, Chicago, Illinois 60612 Phone: (312) 733-0551 Fax
e-mail address: info@thesterlinglab.com

O26A0584
PM Laura Dudek
GSG Consultants

; On Ice
GHI

CHAIN OF CUSTODY RECORD

Page : 1 of 1

Client: GSG Consultants
Street Address:
City, State, Zip:
Phone:
Fax:
e-mail/Alt. Fax:

Project Number: 25-2103
Project Name: UIC Drug Discovery Center
Project Location: 820 S. Pauling
Project Manager: Ted Cagney → tcagney@gsg-consultants.com
P.O. Number: Mike Nuccio → mnuccio@

Turn Around: Immediate: ☐ 4 Hrs: ☐ 8 Hrs: ☐ 24 Hrs: ☐ 1 Day: ☐ 2 Days: ☐ 3 Days: ☐ 5 Days: ☒
Date Due: Time Due: Note: Not all turn around times are available for all analysis.

OFFICE USE ONLY BELOW:

Batch No.:
Samples Acceptable: Yes: ☐ No: ☐
Checked by (Initial/Date):
Comments:

Relinquished by: [illegible] Date/Time: 1/16/26 2:39
Received by: MP Date/Time: 1/16/26 14:39 GHI
Relinquished by: Date/Time: 1/16/26 15:00
Received by: Date/Time: 1-16-26 15:00
Relinquished by: Date/Time: 1-16-26 16:00
Received by: Date/Time: 1/16/26 16:00

Client Sample Number/Description:	Date Taken	Time On	Time Off	Rate (lpm)	Volume (Liters)	Area Wiped (ft^2)	Laboratory Sample No.	PCM Asbestos	PLM Asbestos (Bulk)	PLM Point Count	PLM Gravimetric	TEM Air Asbestos	TEM Bulk Asbestos	TEM Gravimetric Asb.	TEM Microvac Asb.	TEM Water		Other:	TCL	TPH	SVOA	HVOA		
B-5-0506	1/16/26 9:20			Soil	Grab														+	+	+	+		
B-5-1415	9:35			Soil	Grab														+	+	+	+		
B-7-0809	9:15			Soil	Grab														+	+	+	+		
B-8-0607	12:00			Soil	Grab														+	+	+	+		
B-8-1112	12:10			Soil	Grab														+	+	+	+		

Comments:

Sample Receipt Checklist

Work Order: O26A0584

Printed: 1/16/2026 4:50:24PM

Client: GSG Consultants, Inc.
Project: Analytical Testing

Date Due: Friday, January 23, 2026

Received By: Miranda Padgett
Logged In By: Jarrett Kolodij

Date Received: 1/16/2026 2:39:00PM
Date Logged In: 1/16/2026 4:46:00PM

Cooler Name: Default Cooler

How were samples received: Courier

Cooler temperature at or below 6 degrees Celsius: NA

Chain of Custody present and properly completed : Yes

Turn Around Time is indicated and specified: Yes

Chain of Custody agrees with sample labels: Yes

Samples received within hold time: Yes

Proper sample containers received intact: Yes

Sufficient sample volume: Yes

Containers properly preserved: Yes

Custody seals present: No

Volatile water vials received: No

Sample Receipt Comments

Work Order: O26A0584

The samples were received on 1/16/2026 2:39:00 PM. The temperature of the cooler(s) at receipt was:

The following coolers were received containing ice and the samples were collecte the same day: Default Cooler.

The samples were received within acceptable criteria.

Samples going out of hold time within 24 hours:

JC3 — Reviewed By:

1/16/26 — Date:

Outlook

RE: Analytical report for 25-2103, UIC Drug Discovery Center, 820 S. Paulina, O26A0584

From Thaddeus Cagney <tcagney@gsg-consultants.com>
Date Fri 1/30/2026 9:25 AM
To Laura Dudek <LDudek@thesterlinglab.com>
Cc Michael Nuccio <mnuccio@gsg-consultants.com>; Accounting-MailBox <accounting@gsg-consultants.com>; CustomerSuccess <customersuccess@thesterlinglab.com>

Laura

Can we get TCLP Iron run on sample B-8-1112 please?

Ted Cagney, LPG | Manager of Environmental Services
Direct: 630.994.2608 Mobile: 708.712.6826

GSG Consultants, Inc.
735 Remington Road

Schaumburg, IL 60173
Engineers, Scientists, and Construction Managers
https://linkprotect.cudasvc.com/url?a=http%3a%2f%2fwww.gsg-consultants.com%2f&c=E,1,uYvHJOdcLxMc0OvQIeWkomm8DP7vlWhcoTsgIDoHY3pK2qV8CxDPCEkkA9QySET5bAKJQL8ZnIWUQ2MkJUye_blTn6KyLiSgwbcVS7K1I50ScsTo&typo=1

-----Original Message-----
From: Sterling Labs Report Mail <EMTmailer@thesterlinglab.com>
Sent: Friday, January 23, 2026 3:51 PM
To: Thaddeus Cagney <tcagney@gsg-consultants.com>
Cc: ldudek@thesterlinglab.com; Michael Nuccio <mnuccio@gsg-consultants.com>; Accounting-MailBox <accounting@gsg-consultants.com>; customersuccess@thesterlinglab.com
Subject: Analytical report for 25-2103, UIC Drug Discovery Center, 820 S. Paulina, O26A0584

Hello,

Attached is the analytical report for O26A0584. Please let me know if you have any questions.

Thank you,

Laura Dudek
ldudek@thesterlinglab.com

13.5b BUILDING ENVIRONMENTAL REPORT

Limited Asbestos-Containing Material and Lead-Based Paint Building Survey Report

Project #: 25-2103
833 South Wood Street
Chicago, IL 60612

Prepared for:
Holabird & Root
140 South Dearborn Street, Suite 800
Chicago, IL 60603



PREPARED BY:
GSG CONSULTANTS, INC
ENGINEERS | SCIENTISTS | CONSTRUCTION MANAGERS
735 Remington Rd. Schaumburg, IL 60173
630-994-2600 | gsg-consultants.com

TABLE OF CONTENTS

Section			Page
EXECUTIVE SUMMARY			1
1.0	INTRODUCTION		2
	1.1	Scope & Objectives	2
	1.2	General Qualifications	2
	1.3	Report Organization	2
2.0	SURVEY METHODOLOGY		4
	2.1	Asbestos-Containing Material	4
	2.2	Lead-Based Paint	5
3.0	SUMMARY OF FINDINGS		7
	3.1	Asbestos-Containing Material	7
	3.2	Lead-Based Paint	9
4.0	CONCLUSIONS AND RECOMMENDATIONS		10
	4.1	Asbestos-Containing Material	10
	4.2	Lead-Based Paint	10
5.0	CERTIFICATION		12

Tables

Table 3. 1- Materials Sampled for ACM 7
Table 3. 2- Surfaces/Components Tested for LBP 9

Appendices

Appendix A Analytical Testing Result(s)
Appendix B Reference Location Figure(s)
Appendix C Reference Photograph(s)
Appendix D XRF Field Data Sheet(s)
Appendix E XRF Performance Characteristic Sheets
Appendix F Asbestos & Lead Inspector Licenses and Certifications
Appendix G Laboratory Licenses and Accreditations

EXECUTIVE SUMMARY

Scope and Objectives

GSG Consultants, Inc. (GSG) was retained by Holabird & Root to conduct a limited asbestos-containing material (ACM) and lead-based paint (LBP) survey of the project areas included in project # 25-2103 located at 833 South Wood Street in Chicago, Illinois. The purpose of this limited survey was to identify the asbestos-containing material (ACM) and lead-based paint (LBP) components that may require removal, special handling, and/or disposal prior to planned renovation/demolition activities.

The survey included testing/sampling for ACM and LBP. The survey was limited in scope and included only accessible areas under the specific scope of work associated with project number 25-2103 that will be impacted in the upcoming renovation/ demolition activities.

The limited ACM & LBP building surveys were conducted on *January 15, 2026* and *February 18, 2026,* by *Tim Walsh* and *Erin Pahomi* who are state-licensed asbestos and lead inspectors. The Illinois Department of Public Health (IDPH) issued licenses of the inspectors are provided in **Appendix F** of this report. All project activities were conducted under the direction and supervision of Kyle Boyd, who is a Board-Certified Industrial Hygienist.

Findings

Asbestos-Containing Material: ACM **was identified** during these limited surveys. The material that was identified as ACM included black wall mastic.

Please refer to **Table 3.1** for a complete list of building materials that were sampled during this limited survey. The laboratory results are provided in **Appendix A**.

Lead-Based Paint: LBP **was not identified** on any of the painted surfaces/components tested during this limited survey.

The specific surfaces/components tested within the building are summarized in **Table 3.2**. XRF field data sheets are provided in **Appendix D**.

1.0 INTRODUCTION

GSG Consultants, Inc. (GSG) was retained by Holabird & Root to conduct a limited ACM and LBP survey of the project areas included in project 25-2103 at 833 South Wood Street in Chicago, Illinois.

1.1 Scope & Objectives

The purpose of the survey was to identify the locations, condition, and quantity of asbestos-containing material (ACM) and lead-based paint (LBP) surfaces/components that may require removal, special handling, and/or disposal prior to planned renovation/ demolition activities.

The asbestos survey was conducted to satisfy requirements of the United States Environmental Protection Agency (USEPA) regulations under 40 CFR Part 61, Subpart M, National Emission Standards for Hazardous Air Pollutants (NESHAP), protocols which apply when buildings are demolished or renovated. The lead survey was conducted to comply with the requirements of the Occupational Safety and Health Administration (OSHA) regulations.

1.2 General Qualifications

The results, findings, conclusions, and recommendations expressed in this report are based on conditions observed during GSG's survey of the proposed project areas associated with project 25-2103. The information contained in this report represents conditions at the time of the survey and may not accurately represent conditions at a later date. The possibility exists that suspect hazardous building materials may exist within wall cavities, voids, or other areas hidden from view which were not observed and cannot be ruled out. Any additional potential hazardous materials encountered during the demolition/renovation activities that differ from the components/surfaces tested during this survey, were hidden from view, or were located in areas not accessible at the time of this survey will require further assessment prior to any disturbance. The estimated quantities provided herein should be considered approximate and are accurate to the extent allowable under the terms and conditions of our contract. This report has been prepared with generally accepted industry practices and procedures. No other warranty, either expressed or implied, is made.

1.3 Report Organization

The report is divided into five sections which discuss the survey activities and methodology, findings, conclusions, and recommendations associated with the materials/areas addressed during this survey, as follows:

- Section 1.0 – Introduction
- Section 2.0 – Survey Methodology
- Section 3.0 – Summary of Findings
- Section 4.0 – Conclusions and Recommendations
- Section 5.0 – Certification

Supporting documentation is appended and referenced in each section as appropriate.

2.0 SURVEY METHODOLOGY

This section describes GSG's limited ACM & LBP building survey approach and methodologies that were utilized during the field investigation activities. The limited building survey included performing the following tasks:

- ACM Inspection and Testing
- LBP Inspection and Testing

The following sections present an overview of the approach for each type of survey completed as part of this project.

2.1 Asbestos-Containing Material

GSG began the asbestos sampling activities with a visual assessment, identification, and inventory of readily visible and accessible homogeneous areas of suspect ACM. A homogeneous area consists of building materials that are similar throughout in terms of color, texture, and age. Building materials identified as concrete (not including cement panels or pipe and soft concrete), glass (includes fiberglass), wood, masonry, metal, plastics are not considered suspect ACM and were not sampled.

A physical assessment of each homogeneous area of suspect ACM was conducted to assess the friability and condition of the materials. A friable material is defined by the USEPA as a material which can be crumbled, pulverized, or reduced to powder by hand pressure when dry. Friability was assessed by physically touching suspect materials.

Bulk samples of suspect ACM were collected in general accordance with AHERA sampling protocols, based on the results of the visual observation. Random samples of suspect materials were collected of each homogeneous material. Samples were placed in new sealable containers and labeled with unique sample numbers using an indelible marker. All non-disposable sampling equipment was wet wiped and cleaned before and after each use.

A total of *fifty-seven (57)* bulk samples were collected from various homogeneous areas of suspect ACM for this project. Bulk samples were collected from the following materials:

- Sprayed-on Fireproofing
- 12" X 12" Vinyl Floor Tile & Mastic
- Pryobar

- Pryobar Mortar
- Drywall System
- Blak Wall Mastic
- 4" Gray Base cove
- Adhesive
- 2' X 2' Ceiling Tile
- Fire Stop
- Carpet Adhesive
- Pipe Wrap (3rd Floor Pipe Chase)
- Green Epoxy Floor
- Roofing Material (2nd & 3rd Floor)
- Roofing Flashing (2nd & 3rd Floor)
- Exterior Window Caulk

Refer to **Appendix A** for asbestos analytical testing results. Reference photographs are provided in **Appendix C**. Approximate sample location figure(s) can be found in **Appendix B**.

Bulk samples were submitted under a strict chain-of-custody to STAT Analysis Corporation (Sterling) in Chicago, Illinois for analysis by polarized light microscopy (PLM) with dispersion staining techniques per USEPA methodology 600/R-93-116. The percentage of asbestos, where applicable, was determined by microscopic visual estimation. Individual layers (when present) were analyzed, and the results were reported separately.

STAT Analysis Corporation (Sterling) is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP Accreditation No. 101202-0). Refer to **Appendix G** for laboratory accreditations.

2.2 Lead-Based Paint

The LBP survey was conducted in accordance with United Stated Department of Housing and Urban Development (HUD) and IDPH protocols. The survey included a visual inspection to identify suspect components/surfaces, analysis of suspect components/surfaces, and data recording. The objective of the testing was to identify painted/coated surfaces with a concentration of lead above 1.0 mg/cm^2 by x-ray fluorescence (XRF) analysis, the criteria established by the USEPA and HUD for classification of lead-based paint. The survey was performed by an IDPH-Licensed Lead Inspector using an XRF spectrum analyzer (Heuresis Model Pb200i, Serial Number 3255, manufactured by Viken Detection

of Burlington, MA). A copy of the inspector's licenses and training certificates are provided in **Appendix F**.

A portable XRF analyzer was used due to its demonstrated ability to determine if LBP is present on numerous types of surfaces, analyze the paint without destructive sampling or paint removal, and provide sample results immediately and at a relatively low cost per sample. Portable XRF instruments expose a building component to x-rays or gamma radiation, which causes lead to emit x-rays with a characteristic frequency or energy. The intensity of this radiation is measured by the instrument. The inspector then compares the displayed value (reading) on the analyzer with the inconclusive range or threshold specified in the XRF Performance Characteristic Sheet (PCS) in **Appendix E** for the specific substrate being tested. If the reading is less than the lower boundary of the inconclusive range, or less than the threshold, then the reading is considered negative. If the reading is greater than the upper boundary of the inconclusive range, or greater or equal to the threshold, then the reading is considered positive. Readings within the inconclusive range, including its boundary values, are considered inconclusive. Because the inconclusive ranges and/or thresholds shown in the PCS are based on 1.0 mg/cm^2, positive and negative readings are consistent with the HUD definition of lead-based paint for identification purposes.

3.0 SUMMARY OF FINDINGS

3.1 Asbestos-Containing Material

Bulk samples of suspect ACM were collected and analyzed for the presence of asbestos. Results are summarized in **Table 3.1** and include a description of each material, location, material type, test results, and estimated quantity. Each suspect material was placed into one of three material categories: thermal systems insulation (TSI), surfacing materials (SURF), or miscellaneous materials (MISC). Materials confirmed to contain greater than one percent (1%) asbestos by PLM analysis are indicated to have a "positive" result and are therefore classified as ACM.

For the purpose of this building survey, GSG derived its definition of ACM from the USEPA, which classifies ACM as "any product containing more than one percent (1%) asbestos by volume, when analyzed by Polarized Light Microscopy (PLM)". Materials located in different areas of the same homogeneous area, even though not specifically tested, are considered positive or negative for ACM depending on the laboratory sample test results of that particular homogeneous area.

Table 3. 1

Materials Sampled for ACM

Material Description	Location	Material Type [1]	ACM Type & %	Friable	PLM Test Results	TEM Test Results	[2]Estimated Quantity
Sprayed-on Fireproofing	Above 3rd floor 2' X 2' Ceiling Tile & 4th Floor 2' X 2' Ceiling Tile	Surf.	Asbestos Not Detected	Yes	Negative	N/A	N/A
12" X 12" Vinyl Floor Tile	3rd Floor Corridor & 4th Floor Corridor	Misc.	Asbestos Not Detected	No	Negative	N/A	N/A
Mastic under Floor Tile	3rd Floor Corridor & 4th Floor Corridor	Misc.	Asbestos Not Detected	No	Negative	N/A	N/A
Pryobar	Above 3rd floor 2' X 2' Ceiling Tile & 4th Floor 2' X 2' Ceiling Tile	Misc.	Asbestos Not Detected	No	Negative	N/A	N/A
Pryobar Mortar	Above 3rd floor 2' X 2' Ceiling Tile & 4th Floor 2' X 2' Ceiling Tile	Misc.	Asbestos Not Detected	No	Negative	N/A	N/A
Drywall System	3rd Floor Corridor, Rms. 377 & 389, 4th Floor Corridor, and Rms. 479 & 489	Misc.	Asbestos Not Detected	No	Negative	N/A	N/A

Material Description	Location	Material Type [1]	ACM Type & %	Friable	PLM Test Results	TEM Test Results	[2] Estimated Quantity
Black Wall Mastic	**Above 3rd floor corridor 2' X 2' Ceiling Tile & 4th Floor 2' X 2' Ceiling Tile**	**Misc.**	**Chrysotile 1-5%**	**No**	**Positive**	**N/A**	**2,400 ft²**
4" Gray Base cove	3rd Floor Corridor, Rms. 377 & 389, 4th Floor Corridor, and Rms. 479 & 489	Misc.	Asbestos Not Detected	No	Negative	N/A	N/A
Adhesive from Base cove	3rd Floor Corridor, Rms. 377 & 389, 4th Floor Corridor, and Rms. 479 & 489	Misc.	Asbestos Not Detected	No	Negative	N/A	N/A
2' X 2' Ceiling Tile	3rd Floor Corridor, Rms. 377 & 389, 4th Floor Corridor, and Rm. 479	Misc.	Asbestos Not Detected	Yes	Negative	N/A	N/A
Fire Stop	Above 3rd Floor Corridor 2' X 2' Ceiling Tile & 4th Floor 2' X 2' Ceiling Tile	Misc.	Asbestos Not Detected	No	Negative	N/A	N/A
Carpet Adhesive	Rooms 377, 389 & 479	Misc.	Asbestos Not Detected	No	Negative	N/A	N/A
Pipe Wrap	Pipe Chase (Westside Wall)	TSI	Asbestos Not Detected	Yes	Negative	N/A	N/A
Green Epoxy Floor	Room 489	Misc.	Asbestos Not Detected	No	Negative	N/A	N/A
2nd Floor Roofing Material	Roof Top	Misc.	Asbestos Not Detected	No	Negative	N/A	N/A
2nd Floor Roof Flashing	Roof Top	Misc.	Asbestos Not Detected	No	Negative	N/A	N/A
Exterior Window Caulk	3rd & 4th Floor Exterior Windows	Misc.	Asbestos Not Detected	No	Negative	N/A	N/A
3rd Floor Roofing Material	Roof Top	Misc.	Asbestos Not Detected	No	Negative	N/A	N/A
3rd Floor Roof Flashing	Roof Top	Misc.	Asbestos Not Detected	No	Negative	N/A	N/A

Notes:
1 *TSI= Thermal System Insulation, Surf= Surfacing Material, and Misc. = Miscellaneous*
2 *Quantities are estimates only, all quantities must be field verified.*

Refer to **Appendix B** (reference location figures) for approximate location of samples collected, and **Appendix C** for reference photographs of materials surveyed in this project.

3.2 Lead-Based Paint

LBP **was not identified** on any of the painted surfaces/components tested during this limited survey. The surfaces/components tested for LBP are summarized in **Table 3.2**.

Table 3. 2

Surfaces/Components Tested for LBP

Room/Location	Component	Substrate	Color	XRF Reading mg/cm^2	Classification P= Positive N=Negative
3rd Floor Hallway	North Wall	Drywall	White	0.0	Negative
	East Wall	Drywall	White	0.0	Negative
	South Wall	Drywall	White	0.0	Negative
	West Wall	Drywall	Green	0.1	Negative
	Electric Breaker Box	Metal	Grey	0.0	Negative
Room 377	Door	Metal	Blue	0.0	Negative
	Door Frame	Metal	Blue	0.0	Negative
Room 389	Door	Metal	Blue	0.0	Negative
	Door Frame	Metal	Blue	0.0	Negative
4th Floor Hallway	North Wall	Drywall	White	0.0	Negative
	East Wall	Drywall	White	0.0	Negative
	South Wall	Drywall	White	0.0	Negative
	West Wall	Drywall	Green	0.0	Negative
	Circuit Breaker	Metal	Grey	0.0	Negative
Room 479	Door	Metal	Blue	0.0	Negative
	Door Frame	Metal	Blue	0.0	Negative
Room 489	Fire Cabinet	Metal	Yellow	0.1	Negative
Rooftop	Exterior Window Frame	Metal	Brown	0.1	Negative

4.0 CONCLUSIONS AND RECOMMENDATIONS

4.1 Asbestos-Containing Material

The following ACM were identified during this limited survey included the black wall mastic that was identified throughout the 3rd and 4th floor corridors above 2' X 2' ceiling tile.

GSG recommends the preparation of an asbestos abatement project design prior to any renovation activities in which ACM may be impacted. An asbestos abatement design plan and specifications should include information regarding the location of containments and barriers, type of sealant, and air sampling requirements and clearance during the asbestos abatement activities. The asbestos design plan and specification shall be prepared and signed by an IDPH licensed asbestos project designer in accordance with Illinois regulations. Asbestos abatement work shall be conducted by a licensed abatement contractor under the supervision of a licensed asbestos project manager in accordance with all applicable Federal, state, and Local Regulations.

Any suspect material that is discovered during the renovation/demolition activities and is not listed in **Table 3.1**, was not assessed during this survey. Such material shall be assumed and treated as ACM until tested and proven otherwise.

4.2 Lead-Based Paint

LBP was not identified on any of the painted components/surfaces tested during this limited survey.

For the surfaces/components that tested negative during this survey, the Occupational Safety and Health Administration (OSHA) Lead in Construction Standard states that "negative" readings (i.e. those below the HUD/EPA definition of what constitutes LBP (1.0 mg/cm^2) DO NOT relieve contractors from performing exposure assessments (personal air monitoring) on their employees per the OSHA Lead Standard, and should not be interpreted as lead is not present. Although a reading may indicate "negative", airborne lead concentrations still may exceed the OSHA Action Level or the OSHA Permissible Exposure Limit (PEL) depending on the work activity.

GSG recommends that prior to any renovation activities in the building, engineering control measures be implemented in the renovation area to minimize the generation of dust, and site worker and occupant exposures to lead.

For any surfaces/components that are not listed in **Table 3.2** were not assessed during this survey,

such surfaces/components shall be assumed and treated as LBP until tested and proven otherwise.

1.0 CERTIFICATION

The undersigned hereby affirm that the conditions described herein are accurate to the best of our knowledge and belief and are subject to the limitations inherent in the investigative techniques used and any expressed limitations of this survey. Applicable licensing to perform the described survey activities were valid at the time of performance of services in accordance with applicable federal, state, and local laws, rules and regulations.

Inspection Performed By:

Tim Walsh	100-08900	*Erin Pahomi*	*1003124*
Asbestos Inspector	IDPH License #	Lead Inspector	IDPH License #
Timothy Walsh	2/20/2026	epahomi	2/20/2026
Asbestos Inspector's Signature	Date	Lead Inspector's Signature	Date

Reviewed By: Kyle Boyd 2/20/2026

Kyle R. Boyd, CIH, CHMM
Director of Industrial Hygiene

Date:

APPENDIX - A

ANALYTICAL TESTING RESULTS

GSG CONSULTANTS, INC.
Engineering and Industrial Hygiene Services
735 Remington Road
Schaumburg, IL 60173
(630) 994-2600 Fax: (312) 733-5612
www.gsg-consultants.com

377391

PLM BULK LABORATORY ANALYSIS FORM

Project Name: UIC	**Project Manager:** Kyle Boyd, CIH, CHMM
Project Number: 25-2103	**Building Inspector:** Tim Walsh
Project Address: 833 S. Wood	**IDPH Number:** 100-08900
City/ State: Chicago / Illinois	**Work Day:** S M T W TH F S
Client: Holobrid & Root	**Analyze by Method:** EPA/600/R-93-116
Date: 1/15/26	

Field Number	HA Number	Type of material, specific sample location (i.e. Room Number, Building Construction Date)
TW01526-46	HA-16	Roof Flashing
47	"	"
48	"	"
49	HA-17	Exterior Window Caulk
50	"	"
51	"	"

TURN AROUND TIME:
1 Day
2 Days
3 Days
(5 Day) Other

COMMENTS: E-mail Results to:
epahomi@gsg-consultants.com

STOP AT FIRST POSITIVE

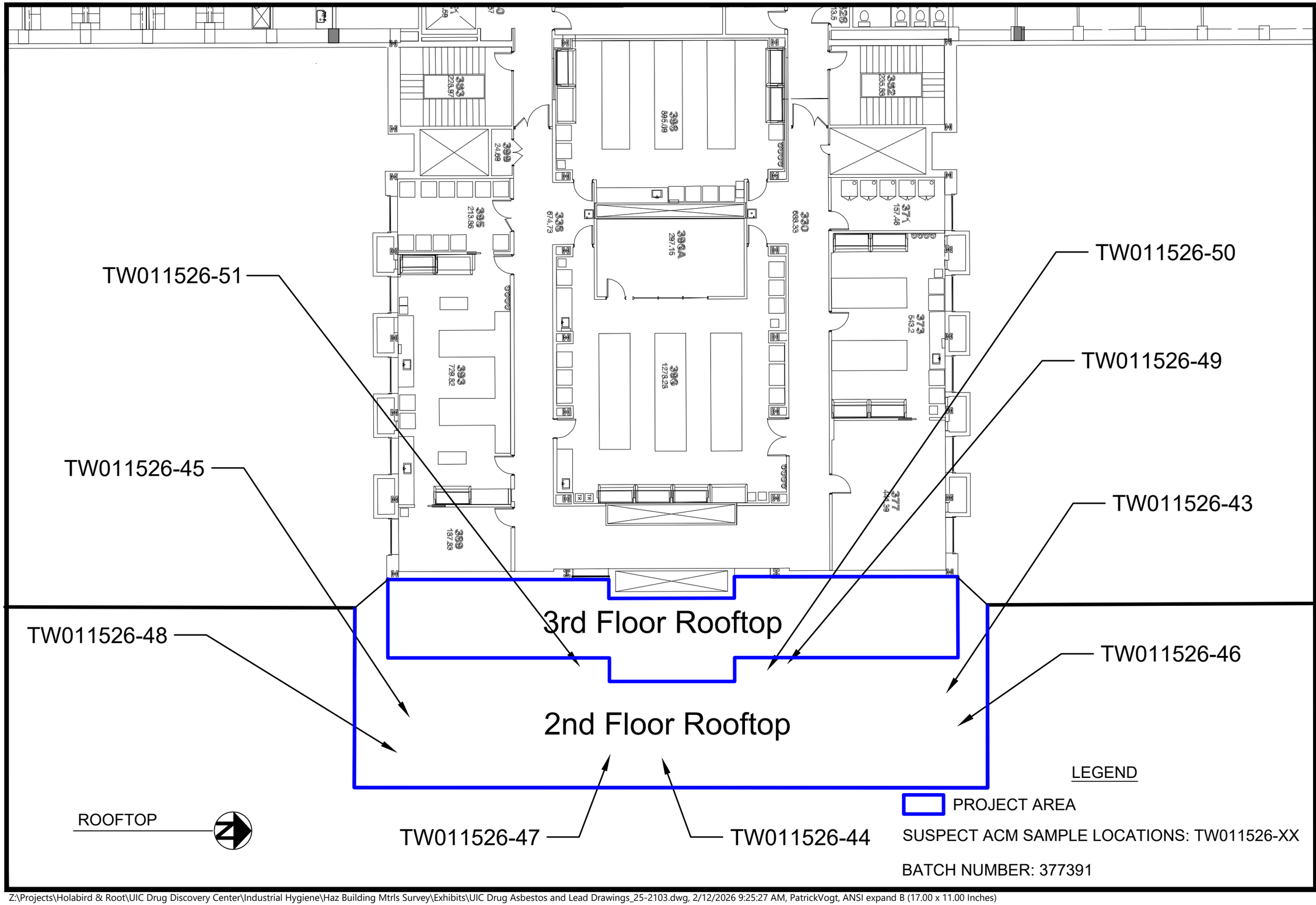
CHAIN OF CUSTODY RECORD

Collected By(Signature) Tim Walsh	Date: 1/15/26	Time:	Relinquished by (Signature) Tim Walsh	Date: 1/15/26	Time:
Received by: (Signature)	Date:	Time:	Relinquished by: (signature)	Date:	Time:
Dispatched by: (Signature, if mailed)	Date:	Time:	Received for Laboratory by: DB	Date: 1/15/26	Time: 16:02

Definitions: BLK-Bulk Sample, PLM-Polarized Light Microscopy, TEM-Transmission Electron Microscope.

APPENDIX - B

SAMPLE LOCATION FIGURE(S)



TITLE

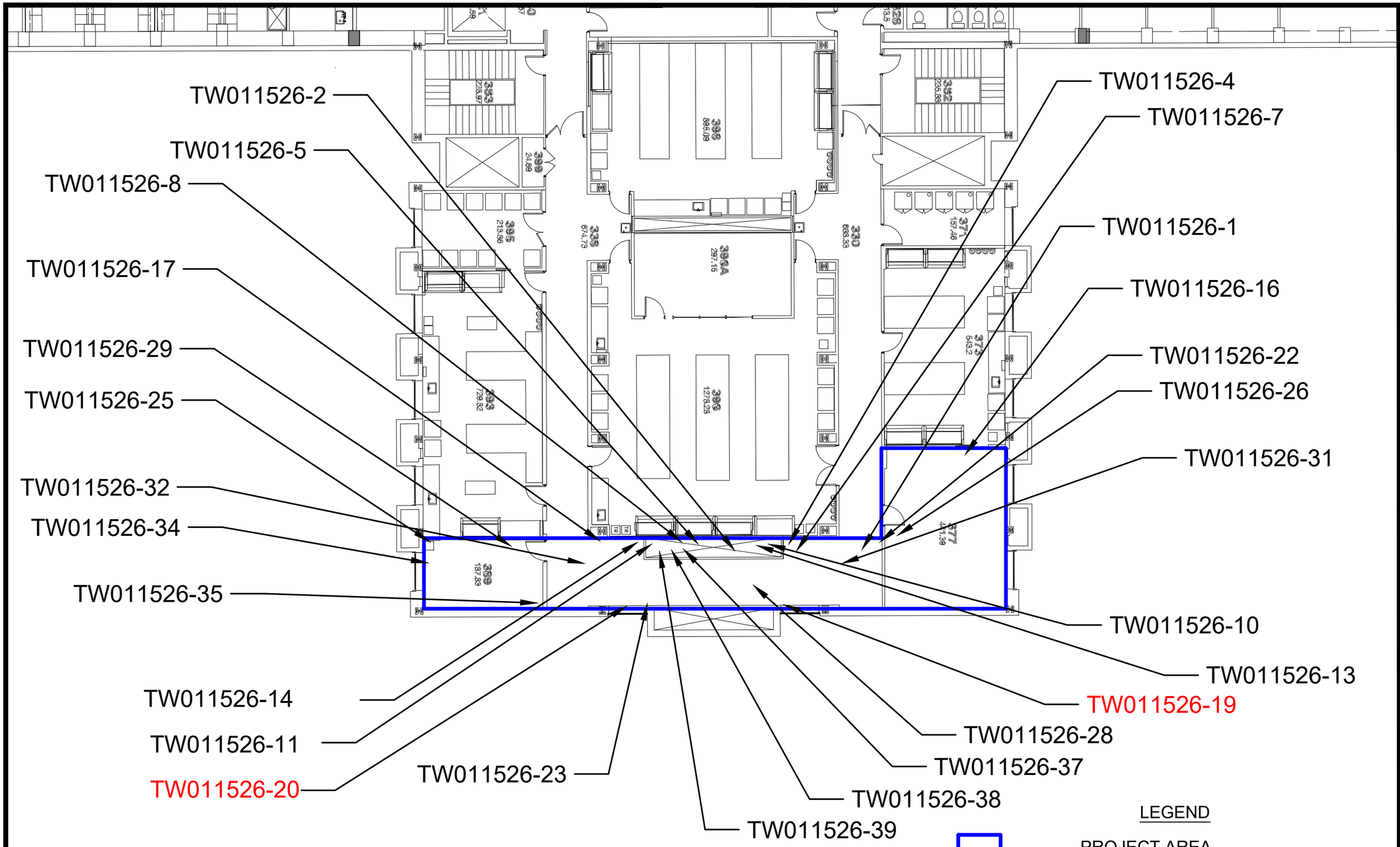
UNIVERSITY OF ILLINOIS
COLLEGE OF PHARMACY
833 SOUTH WOOD STREET
CHICAGO, IL 60612

GSG CONSULTANTS, INC.
735 EAST BEMIS ROAD | SCHAUMBURG, IL 60173
TEL: +1.630.894.2600 | WWW.GSG-CONSULTANTS.COM
ILLINOIS PROFESSIONAL DESIGN FIRM# 184-002852

DRAWN BY:	PROJECT:
UL	25-2103
CHECKED BY:	SCALE:
KB	SCALE
DATE:	SHEET #:
2/11/2026	3 OF 5

SHEET NAME:
ROOFTOP ACM SAMPLING AREA

FILE NAME:
UIC ASBESTOS DRAWINGS 25-2103



TITLE

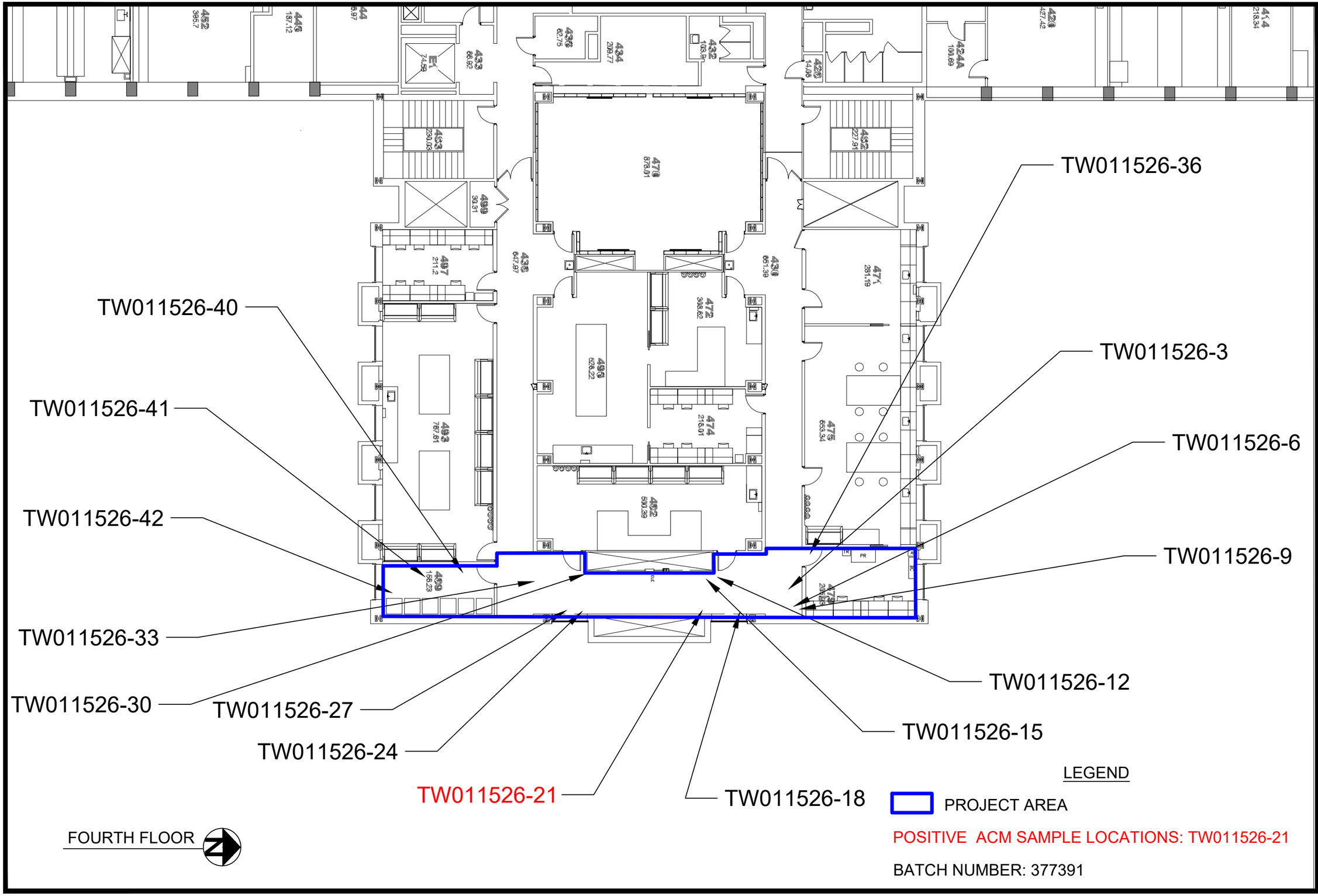
UNIVERSITY OF ILLINOIS
COLLEGE OF PHARMACY
833 SOUTH WOOD STREET
CHICAGO, IL 60612

GSG CONSULTANTS, INC.
734 S. EMERSON STREET, SCHAUMBURG, IL 60173
TEL: 1 630.994.2300 | WWW.GSG-CONSULTANTS.COM
ILLINOIS PROFESSIONAL DESIGN FIRM# 184-002852

DRAWN BY:	PROJECT:
UL	25-2103
CHECKED BY:	SCALE:
KB	SCALE
DATE:	SHEET #:
2/11/2026	4 OF 5

SHEET NAME:
3RD FLOOR ACM SAMPLING AREA

FILE NAME:
UIC ASBESTOS DRAWINGS 25-2103



TITLE

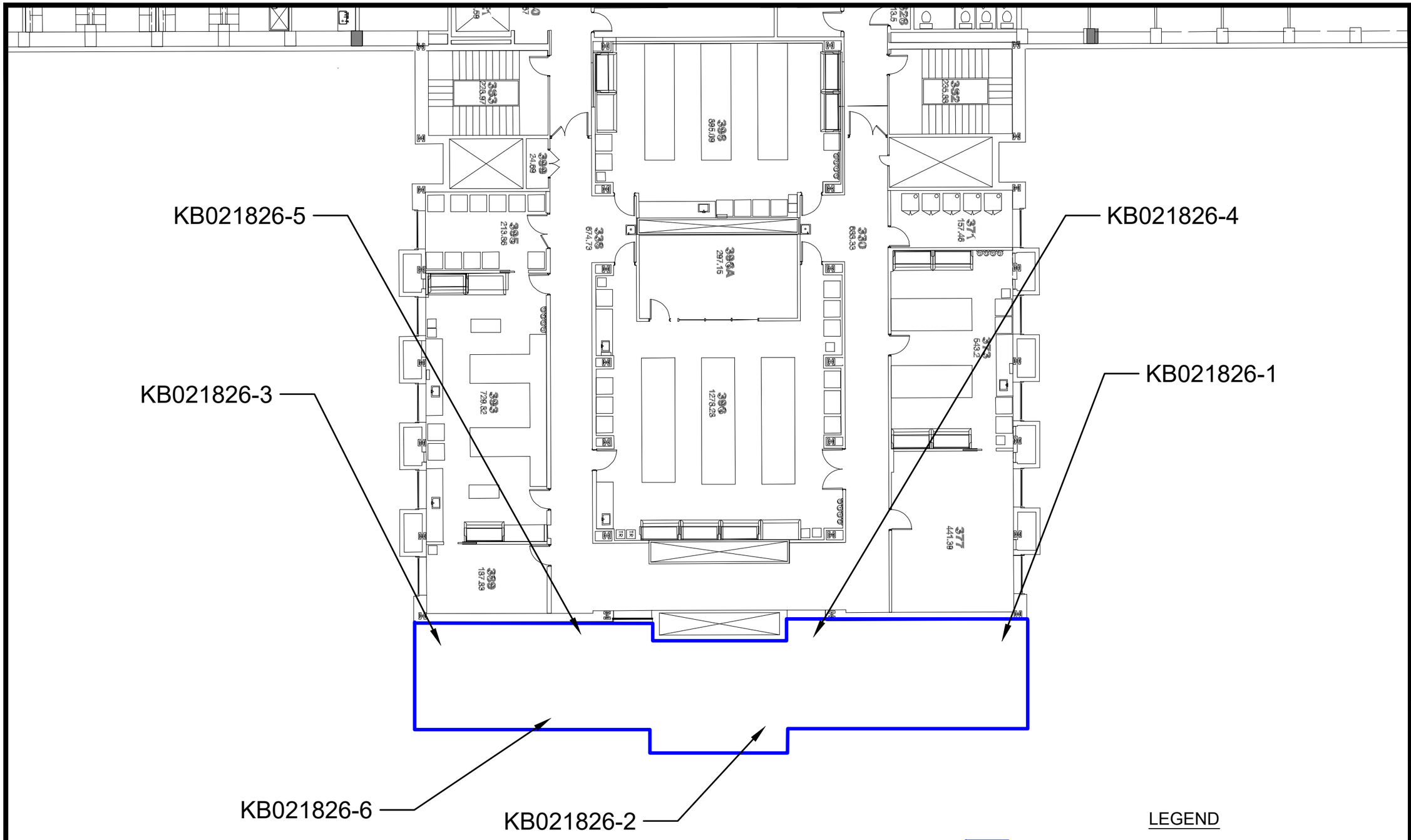
UNIVERSITY OF ILLINOIS
COLLEGE OF PHARMACY
883 SOUTH WOODS STREET
CHICAGO, IL 60612

GSG CONSULTANTS, INC.
734 S. EMMA DR. SCHAUMBURG, IL 60173
TEL: + 1 630.894.2500 | WWW.GSG-CONSUL.COM
ILLINOIS PROFESSIONAL DESIGN FIRM# 184-002852

DRAWN BY:	PROJECT:
UL	25-2103
CHECKED BY:	SCALE:
KB	SCALE
DATE:	SHEET #:
2/11/2026	5 OF 5

SHEET NAME:
4TH FLOOR ACM SAMPLING AREA

FILE NAME:
UIC
ASBESTOS DRAWING
25-2103



THIRD FLOOR

LEGEND

PROJECT AREA

SUSPECT ACM SAMPLE LOCATIONS: KB021826-XX

BATCH NUMBER: 377888

TITLE

UNIVERSITY OF ILLINOIS
COLLEGE OF PHARMACY
833 SOUTH WOOD STREET
CHICAGO, IL 60612

GSG CONSULTANTS, INC.
735 E. REMINGTON RD. SCHAUMBURG, IL 60173
TEL: +1.630.994.2500 | WWW.GSG-CONSULTANTS.COM
ILLINOIS PROFESSIONAL DESIGN FIRM# 184-002852

DRAWN BY:	PROJECT:
UL	25-2103
CHECKED BY:	SCALE:
KB	SCALE
DATE:	SHEET #:
2/18/26	1 OF 6

SHEET NAME:

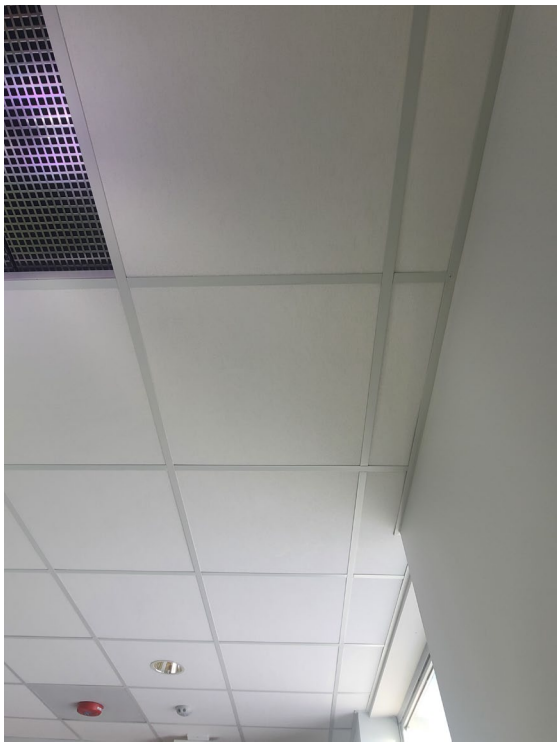
3RD FLOOR ROOF ACM SAMPLING AREA

FILE NAME:

UIC
ASBESTOS
DRAWINGS 25-2103

APPENDIX - C

REFERENCE PHOTOGRAPHS(S)



Description:
2’ X 2’ Ceiling Tile

Photo Location:
3rd floor hallway

UIC Drug Discovery Center
833 Wood Street
Chicago, IL 60612

Date:
January 15, 2026

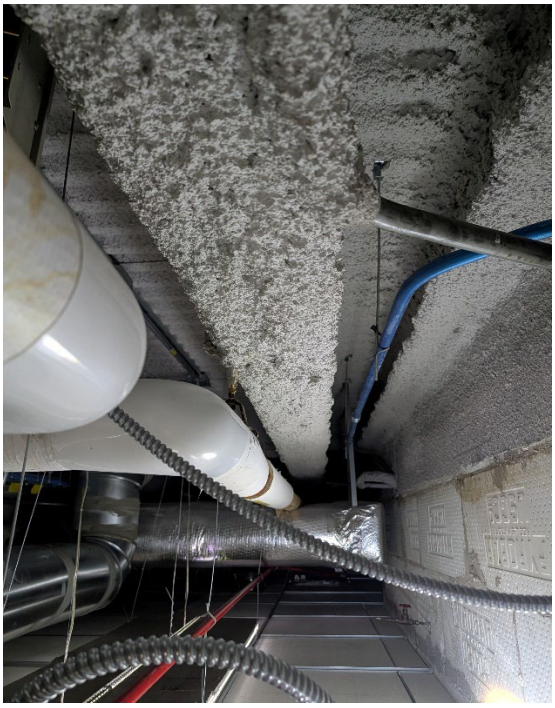


Description:
Drywall System

Photo Location:
3rd floor hallway

UIC Drug Discovery Center
833 Wood Street
Chicago, IL 60612

Date:
January 15, 2026



Description:
Spray-on Fireproofing

Photo Location:
Above 2' X 2' Ceiling Tile/
3rd Floor Hallway

UIC Drug Discovery Center
833 Wood Street
Chicago, IL 60612

Date:

January 15, 2026



Description:
12" X 12" Vinyl Floor
Tile & Mastic

Photo Location:
3rd Floor Hallway

UIC Drug Discovery Center
833 Wood Street
Chicago, IL 60612

Date:

January 15, 2026



Description:
Pryobar

Photo Location:
Above 2' X 2' Ceiling Tile/
3rd Floor Hallway

UIC Drug Discovery Center
833 Wood Street
Chicago, IL 60612

Date:

January 15, 2026



Description:
Pryobar Mortar

Photo Location:
Above 2' X 2' Ceiling Tile/
3rd Floor Hallway

UIC Drug Discovery Center
833 Wood Street
Chicago, IL 60612

Date:

January 15, 2026



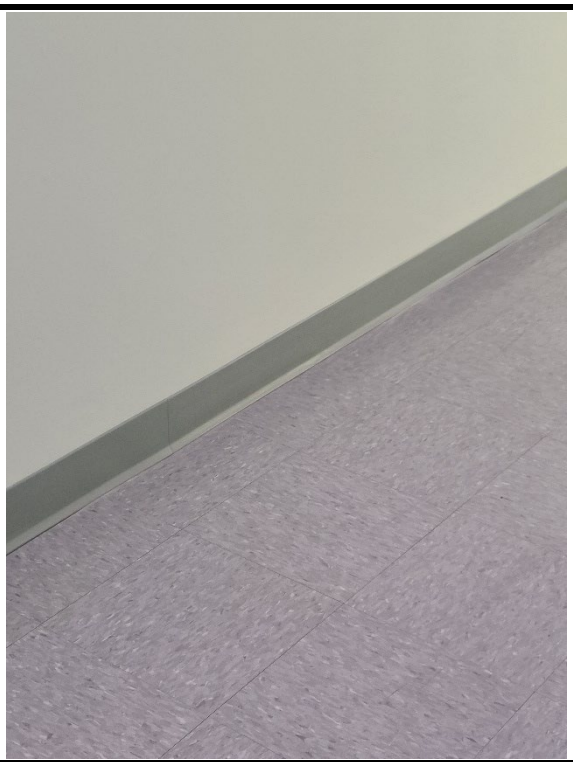
Description:
Black Wall Mastic – Tested Positive for Asbestos

Photo Location:
Above 2' X 2' Ceiling Tile/ 3rd Floor Hallway(East Wall)

UIC Drug Discovery Center
833 Wood Street
Chicago, IL 60612

Date:

January 15, 2026



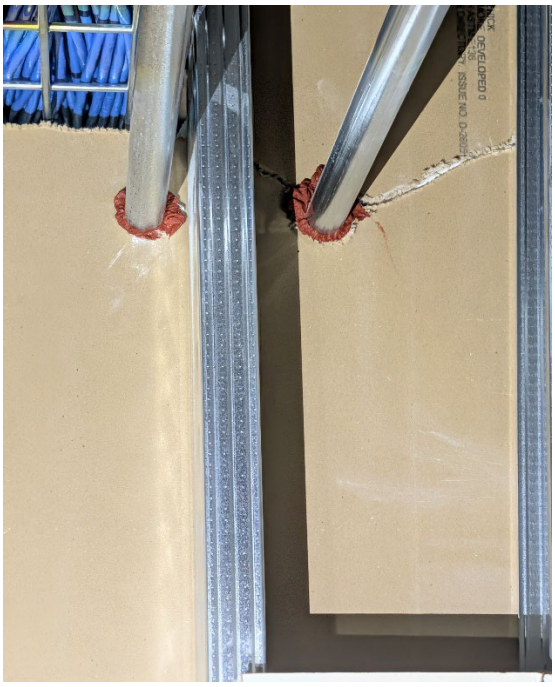
Description:
4" Grey Vinyl Baseboard

Photo Location:
4th Floor Hallway(East Wall)

UIC Drug Discovery Center
833 Wood Street
Chicago, IL 60612

Date:

January 15, 2026



Description:
Fire Stop Caulk

Photo Location:
Above 2' X 2' Ceiling Tile/ 4th Floor Hallway(North Wall)

UIC Drug Discovery Center
833 Wood Street
Chicago, IL 60612

Date:

January 15, 2026



Description:
Carpet Adhesive

Photo Location:
Room 479

UIC Drug Discovery Center
833 Wood Street
Chicago, IL 60612

Date:

January 15, 2026



Description:
Pipe Wrap

Photo Location:
Pipe Chase (Westside Wall)

UIC Drug Discovery Center
833 Wood Street
Chicago, IL 60612

Date:

January 15, 2026



Description:
Green Epoxy Floor

Photo Location:
Room 489

UIC Drug Discovery Center
833 Wood Street
Chicago, IL 60612

Date:

January 15, 2026



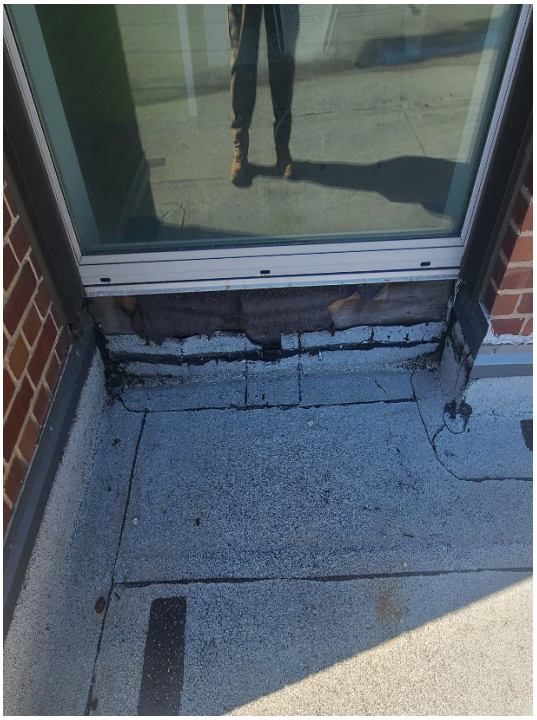
Description:
Roofing Material

Photo Location:
Rooftop (3rd Floor)

UIC Drug Discovery Center
833 Wood Street
Chicago, IL 60612

Date:

February 18, 2026



Description:
Roof Flashing

Photo Location:
Rooftop (3rd Floor)

UIC Drug Discovery Center
833 Wood Street
Chicago, IL 60612

Date:

February 18, 2026



Description:
Exterior Window Caulk

Photo Location:
Exterior Window (2nd Floor)

UIC Drug Discovery Center
833 Wood Street
Chicago, IL 60612

Date:

January 15, 2026



Description:
4” Vinyl Baseboard Adhesive

Photo Location:
4th Floor Hallway

UIC Drug Discovery Center
833 Wood Street
Chicago, IL 60612

Date:

January 15, 2026

APPENDIX - D

XRF FIELD DATA SHEET(S)

GSG CONSULTANTS, INC.
735 Remington Road, Schaumburg IL 60173
Tel: 630.994.2600, www.gsg-consultants.com

XRF FIELD DATA SHEETS

Project Name:	UIC College of Pharmacy	**Building Inspector:**	Erin Pahomi
Project Number:	25-2103	**IDPH Number:**	1003124
Project Address:	833 S. Wood	**XRF Make & Serial Number:**	3255
City/State:	Chicago, IL	**Date:**	1/15/2026
Client:	Holabird & Root	**Comments:**	

ROOM/LOCATION	COMPONENT	SUBSTRATE	COLOR	XRF READING mg/cm2	CLASSIFICATION P= Positive N=Negative	NOTES
Calibration	N/A	N/A	N/A	1.0	P	
Calibration	N/A	N/A	N/A	1.0	P	
Calibration	N/A	N/A	N/A	1.0	P	
3rd Floor Hallway	N.Wall	Drywall	White	0.0	N	
	E.Wall	Drywall	White	0.0	N	
	S.Wall	Drywall	White	0.0	N	
	W.Wall	Drywall	Green	0.1	N	
	Electric Breaker	Metal	Grey	0.0	N	
Room 377	Door	Metal	Blue	0.0	N	
	Door Frame	Metal	Blue	0.0	N	
Room 389	Door	Metal	Blue	0.0	N	
	Door Frame	Metal	Blue	0.0	N	
4th Hallway	N.Wall	Drywall	White	0.0	N	
	E.Wall	Drywall	White	0.0	N	
	W.Wall	Drywall	White	0.0	N	
	S.Wall	Drywall	Green	0.0	N	
	Circuit Breaker	Metal	Grey	0.0	N	
479	Door	Metal	Blue	0.0	N	
	Door Frame	Metal	Blue	0.0	N	
489	Fire Cabinet	Metal	Yellow	0.1	N	
Roof	Window Frame	Metal	Brown	0.1	N	
Calibration	N/A	N/A	N/A	1.0	P	
Calibration	N/A	N/A	N/A	1.0	P	
Calibration	N/A	N/A	N/A	1.0	P	

APPENDIX - E

HEURESIS MODEL Pb200i
PERFORMANCE CHARACTERISTICS SHEETS

Performance Characteristic Sheet

EFFECTIVE DATE: **September 1, 2022**

MANUFACTURER AND MODEL:

Make: ***Heuresis***
Models: ***Model Pb200i, Pb200e***
Source: ***^{57}Co, 5 mCi (nominal – new source)***

FIELD OPERATION GUIDANCE

OPERATING PARAMETERS:

Action Level 1.0 mg/cm^2

XRF CALIBRATION CHECK LIMITS:

0.8 to 1.2 mg/cm^2 (inclusive)

SUBSTRATE CORRECTION:

Not applicable

INCONCLUSIVE RANGE OR THRESHOLD:

ACTION LEVEL MODE READING DESCRIPTION	SUBSTRATE	THRESHOLD (mg/cm^2)
Results not corrected for substrate bias on any substrate	Brick Concrete Drywall Metal Plaster Wood	1.0 1.0 1.0 1.0 1.0 1.0

BACKGROUND INFORMATION

EVALUATION DATA SOURCE AND DATE:

This sheet is supplemental information to be used in conjunction with Chapter 7 of the HUD *Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing* ("HUD Guidelines"). Performance parameters shown on this sheet are calculated using test results on building components in the HUD archive. Testing was conducted on 146 test samples in November 2015, with two separate instruments running software version 2.1-2 in Action Level test mode. The actual source strength of each instrument on the day of testing was approximately 2.0 mCi; source ages were approximately one year.

OPERATING PARAMETERS

Performance parameters shown in this sheet are applicable only when properly operating the instrument using the manufacturer's instructions and procedures described in Chapter 7 of the HUD Guidelines.

XRF CALIBRATION CHECK:

The calibration of the XRF instrument should be checked using the paint film nearest 1.0 mg/cm^2 in the NIST Standard Reference Material (SRM) used (e.g., for NIST SRM 2579, use the 1.02 mg/cm^2 film).

If the average (rounded to 1 decimal place) of three readings is outside the acceptable calibration check range, follow the manufacturer's instructions to bring the instrument into control before XRF testing proceeds.

SUBSTRATE CORRECTION VALUE COMPUTATION:

Chapter 7 of the HUD Guidelines provides guidance on correcting XRF results for substrate bias. Supplemental guidance for using the paint film nearest 1.0 mg/cm^2 for substrate correction is provided:

XRF results are corrected for substrate bias by subtracting from each XRF result a correction value determined separately in each house for single-family housing or in each development for multifamily housing, for each substrate. The correction value is an average of XRF readings taken over the NIST SRM paint film nearest to 1.0 mg/cm^2 at test locations that have been scraped bare of their paint covering. Compute the correction values as follows:

> Using the same XRF instrument, take three readings on a bare substrate area covered with the NIST SRM paint film nearest 1 mg/cm^2. Repeat this procedure by taking three more readings on a second bare substrate area of the same substrate covered with the NIST SRM.
>
> Compute the correction value for each substrate type where XRF readings indicate substrate correction is needed by computing the average of all six readings as shown below.
>
> <u>For each substrate type</u> (the 1.02 mg/cm^2 NIST SRM is shown in this example; use the actual lead loading of the NIST SRM used for substrate correction):
>
> Correction value = (1st + 2nd + 3rd + 4th + 5th + 6th *Reading*)/6 - 1.02 mg/cm^2
>
> Repeat this procedure for each substrate requiring substrate correction in the house or housing development.

EVALUATING THE QUALITY OF XRF TESTING:

Randomly select ten testing combinations for retesting from each house or from two randomly selected units in multifamily housing.

Conduct XRF re-testing at the ten testing combinations selected for retesting.

Determine if the XRF testing in the units or house passed or failed the test by applying the steps below. Compute the Retest Tolerance Limit by the following steps:

Determine XRF results for the original and retest XRF readings. Do not correct the original or retest results for substrate bias. In single-family and multi-family housing, a result is defined as a single reading. Therefore, there will be ten original and ten retest XRF results for each house or for the two selected units.

Calculate the average of the original XRF result and the retest XRF result for each testing combination.

Square the average for each testing combination.

Add the ten squared averages together. Call this quantity C.

Multiply the number C by 0.0072. Call this quantity D.

Add the number 0.032 to D. Call this quantity E.

Take the square root of E. Call this quantity F.

Multiply F by 1.645. The result is the Retest Tolerance Limit.

Compute the average of all ten original XRF readings.

Compute the average of all ten re-test XRF readings.

Find the absolute difference of the two averages.

If the difference is less than the Retest Tolerance Limit, the inspection has passed the retest. If the difference of the overall averages equals or exceeds the Retest Tolerance Limit, this procedure should be repeated with ten new testing combinations. If the difference of the overall averages is equal to or greater than the Retest Tolerance Limit a second time, then the inspection should be considered deficient.

Use of this procedure is estimated to produce a spurious result approximately 1% of the time. That is, results of this procedure will call for further examination when no examination is warranted in approximately 1 out of 100 dwelling units tested.

TESTING TIMES:

In the Action Level paint test mode, the instrument takes the longest time to complete readings close to the Federal standard of 1.0 mg/cm^2. The table below shows the mean and standard deviation of actual reading times by reading level for paint samples during the November 2015 archive testing. The tested instruments reported readings to one decimal place. No significant differences in reading times by substrate were observed. These times apply only to instruments with the same source strength as those tested (2.0 mCi). Instruments with stronger sources will have shorter reading times and those with weaker sources, longer reading times, than those in the table.

Mean and Standard Deviation of Reading Times in Action Level Mode by Reading Level		
Reading (mg/cm^2)	**Mean Reading Time (seconds)**	**Standard Deviation (seconds)**
< 0.7	3.48	0.47
0.7	7.29	1.92
0.8	13.95	1.78
0.9 – 1.2	15.25	0.66
1.3 – 1.4	6.08	2.50
≥ 1.5	3.32	0.05

CLASSIFICATION OF RESULTS:

XRF results are classified as **positive** if they are **greater than or equal** to the stated threshold for the instrument (1.0 mg/cm^2), and *negative* if they are *less than* the threshold.

DOCUMENTATION:

A report titled *Methodology for XRF Performance Characteristic Sheets* (EPA 747-R-95-008) provides an explanation of the statistical methodology used to construct the data in the sheets, and provides empirical results from using the recommended inconclusive ranges or thresholds for specific XRF instruments. The report may be downloaded at http://www2.epa.gov/lead/methodology-xrf-performance-characteristic-sheets-epa-747-r-95-008-september-1997.

This XRF Performance Characteristic Sheet (PCS) was developed by QuanTech, Inc., under a contract with the XRF manufacturer.

APPENDIX - F

ASBESTOS & LEAD INSPECTOR / RISK ASSESSOR LICENSE(S) & CERTIFICIATION(S)

IDPH
ILLINOIS DEPARTMENT OF PUBLIC HEALTH

525-535 West Jefferson Street • Springfield, Illinois 62761-0001 • www.dph.illinois.gov

TIMOTHY WALSH
15237 LAPORTE AVE
OAK FOREST, IL 60452

4/11/2023

ASBESTOS PROFESSIONAL LICENSE ID NUMBER: 08900

Enclosed is your Asbestos Professional License. Please note the expiration date on the card and in the image depicted below.

COPY OF THE ASBESTOS PROFESSIONAL LICENSE

Front of License

IDPH

ASBESTOS PROFESSIONAL LICENSE

ID NUMBER	ISSUED	EXPIRES
100 - 08900	**4/11/2023**	**05/15/2024**

TIMOTHY WALSH
15237 LAPORTE AVE
OAK FOREST, IL 60452
Environmental Health



Back of License

ENDORSEMENTS	TC EXPIRES
INSPECTOR	1/28/2024
PROJECT MANAGER AIR SAMPLING PROFESSIONAL	8/19/2023

Alteration of this license shall result in legal action
This license issued under authority of the State of Illinois Department of Public Health
This license is valid only when accompanied by a valid training course certificate.

If you have any questions or need further assistance, contact the Asbestos Program at (217)782-3517 or fax (217)785-5897.

Our WEB address is: dph.illinois.gov/topics-services/environmental-health-protection/asbestos
EMAIL Address: dph.asbestos@illinois.gov

CERTIFICATE OF ACHIEVEMENT
ASBESTOS ABATEMENT

Approved by the Illinois Department of Public Health

This is to certify that TIMOTHY J. WALSH has completed the ASBESTOS INSPECTOR'S REFRESHER course and successfully passed the examination on 1/17/2026 with a minimum score of 70% or better. Training was in accordance with U.S. E.P.A. 40 CFR 763 Subpart E, Appendix C, Asbestos Containing Materials in Schools: Model Accreditation Plan, TSCA II, Authorized by both AHERA & ASHARA and Indiana Rule 326 IAC 18-2.

Course Dates:
1/17/2026

Expires:
1/17/2027

Certificate Number:
2601BIR20

PHS Environmental & Occupational Services

www.public-health-safety.com

1528 West Adams Street
Chicago, Illinois 60607

N Peneff DrPH

Director of Training
Nicholas J. Peneff
Doctor of Public Health

Phone: (312) 491-0081

Form # A-010B

ILLINOIS DEPARTMENT OF PUBLIC HEALTH

IDPH

LEAD INSPECTOR LICENSE



LEAD ID	ISSUED	EXPIRES
1003124	5/1/2025	1/31/2026

Erin Pahomi
1016 N. Plum Grove Rd Apt 316
Schaumburg, IL 60173

ILLINOIS LEAD PROGRAM
Environmental Health

OCCUPATIONAL TRAINING & SUPPLY, INC.
7233 S. Adams Street | Willowbrook, IL 60527 (630) 655-3900 | www.otssafety.com

2025

Lead Inspector Refresher

Occupational Training & Supply, Inc. certifies that

Erin Pahomi

has successfully completed the Lead Inspector Refresher course and has passed the competency exam with a minimum score of 70%. This course is accredited by the Illinois Department of Public Health (TCP ID No. 25) in accordance with the Illinois Lead Poisoning Prevention Code.

Course Date: 3/7/2025

Exam Date: 3/7/2025

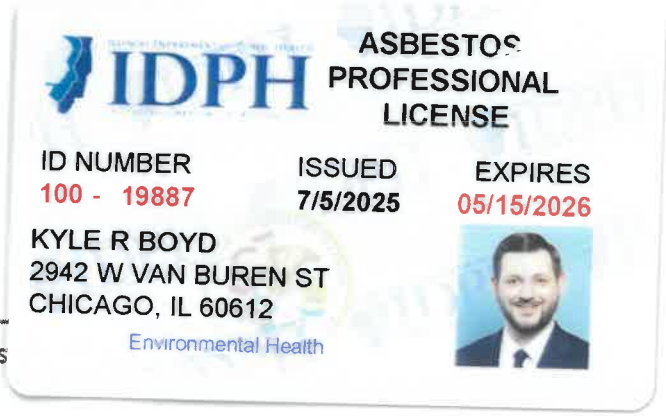
Expiration Date: 3/7/2028

Certificate Number: LIR2503070900

Kristina Miczek

Kristina Miczek, Training Manager

IDPH
ILLINOIS DEPARTMENT OF PUBLIC HEALTH
525-535 West Jefferson Street • Springfield, Illinois



KYLE R BOYD
2942 W VAN BUREN ST
CHICAGO, IL 60612

7/5/2025

ASBESTOS PROFESSIONAL LICENSE ID NUMBER: 19887

Enclosed is your Asbestos Professional License. Please note the expiration date on the card and in the image depicted below.

COPY OF THE ASBESTOS PROFESSIONAL LICENSE

Front of License

IDPH

ASBESTOS PROFESSIONAL LICENSE

ID NUMBER	ISSUED	EXPIRES
100 - 19887	7/5/2025	05/15/2026

KYLE R BOYD
2942 W VAN BUREN ST
CHICAGO, IL 60612
Environmental Health



Back of License

ENDORSEMENTS	TC EXPIRES
INSPECTOR	1/4/2026
PROJECT DESIGNER	4/11/2026
PROJECT MANAGER	1/11/2026
AIR SAMPLING PROFESSIONAL	

Alteration of this license shall result in legal action
This license issued under authority of the State of Illinois Department of Public Health
This license is valid only when accompanied by a valid training course certificate.

If you have any questions or need further assistance, contact the Asbestos Program at (217)782-3517 or fax (217)785-5897.

Our WEB address is: dph.illinois.gov/topics-services/environmental-health-protection/asbestos
EMAIL Address: dph.asbestos@illinois.gov

CERTIFICATE OF ACHIEVEMENT
ASBESTOS ABATEMENT

Accredited by the Illinois Department of Public Health

This is to certify that KYLE BOYD has completed the ASBESTOS INSPECTOR'S REFRESHER course and successfully passed the examination on 01/04/2025 with a minimum score of 70% or better. Training was in accordance with U.S. E.P.A. 40 CFR 763 Subpart E, Appendix C, Asbestos Containing Materials in Schools: Model Accreditation Plan, TSCA II, Authorized by both AHERA & ASHARA.

PHS Environmental & Occupational Services

37 S Ashland Ave, Chicago, IL 60607 ● www.public-health-safety.com

01/04/2025
Course Dates:

01/04/2026
Expires:

2501BIR01
Certificate Number:

Director of Training
Nicholas J. Peneff
Doctor of Public Health

Phone: 312-491-0081

FORM # A-010B

APPENDIX - G

LABORATORY LICENSES & ACCREDITATIONS

United States Department of Commerce
National Institute of Standards and Technology

NVLAP®

ilac-MRA

Certificate of Accreditation to ISO/IEC 17025:2017

NVLAP LAB CODE: 101202-0

STAT Analysis Corporation
Chicago, IL

is accredited by the National Voluntary Laboratory Accreditation Program for specific services, listed on the Scope of Accreditation, for:

Asbestos Fiber Analysis

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communique on ISO/IEC 17025).

2025-07-01 through 2026-06-30
Effective Dates

For the National Voluntary Laboratory Accreditation Program

GSG

National Voluntary
Laboratory Accreditation Program

NVLAP

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

STAT Analysis Corporation
Sterling Labs
2242 W. Harrison Suite 200
Chicago, IL 60612
Joseph Gusek
Phone: 312-733-0551
Email: jgusek@thesterlinglab.com
www.thesterlinglab.com

ASBESTOS FIBER ANALYSIS **NVLAP LAB CODE 101202-0**

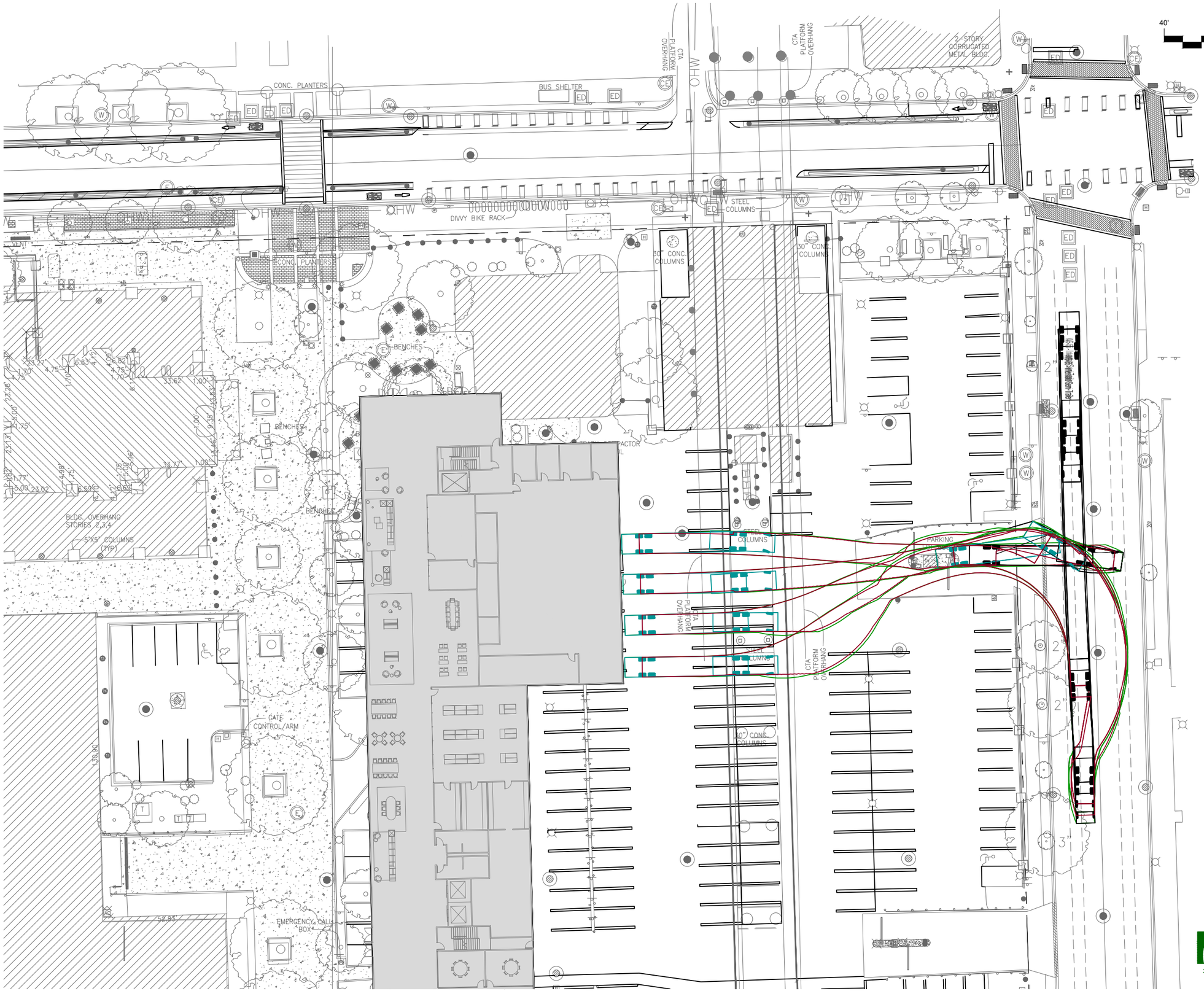
Bulk Asbestos Analysis

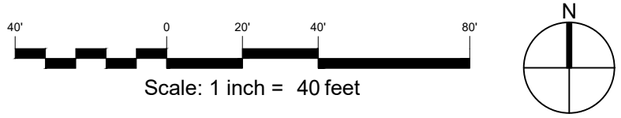
Code	*Description*
18/A01	EPA -- 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples
18/A03	EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials

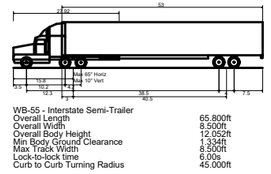
Airborne Asbestos Analysis

Code	*Description*
18/A02	U.S. EPA's "Interim Transmission Electron Microscopy Analytical Methods-Mandatory and Nonmandatory-and Mandatory Section to Determine Completion of Response Actions" as found in 40 CFR, Part 763, Subpart E, Appendix A.

13.6 AUTOTURN ANALYSIS







WB-55 - Interstate Semi-Trailer

Overall Length	65.800ft
Overall Width	8.500ft
Overall Body Height	12.052ft
Min Body Ground Clearance	1.334ft
Max Track Width	8.500ft
Lock-to-lock time	6.00s
Curb to Curb Turning Radius	45.000ft

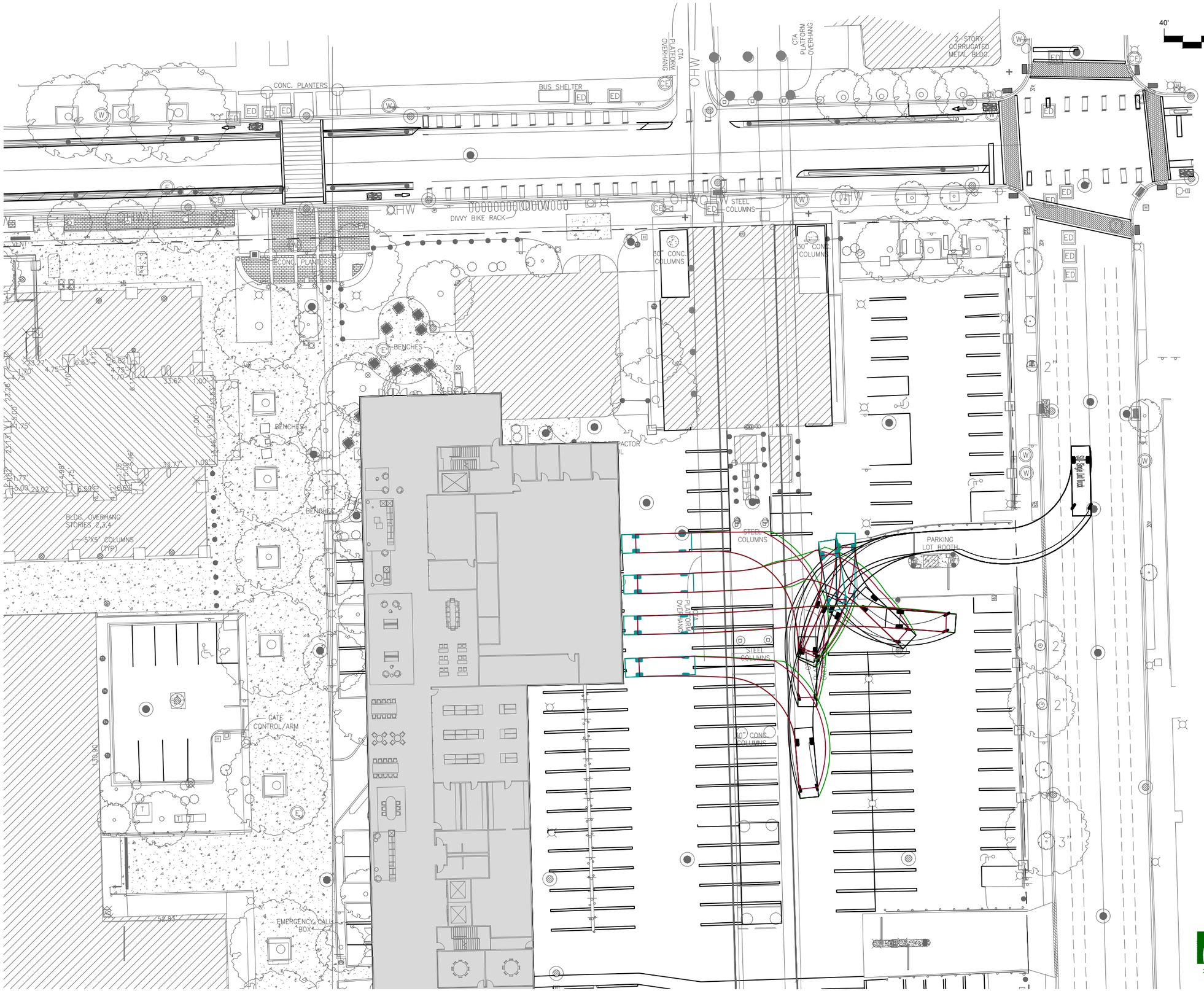
CEX-1

TRUCK TURNING ANALYSIS

CDB UIC DDCRP - Chicago, IL

01/08/2026 MBB

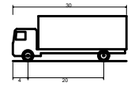
TERRA ENGINEERING LTD.
225 W Ohio Street - Suite 400; Chicago, IL 60654
(T) 312-467-0123 | (F) 312-467-0220



40' 0 20' 40' 80'

Scale: 1 inch = 40 feet

N



SU - Single Unit Truck	
Overall Length	30.000ft
Overall Width	8.000ft
Overall Body Height	11.881ft
Min Body Ground Clearance	1.367ft
Track Width	8.000ft
Lock-to-lock time	5.00s
Curb to Curb Turning Radius	42.000ft

CEX-2

SU-30 TRUCK TURNING ANALYSIS

CDB UIC DDCRP - Chicago, IL

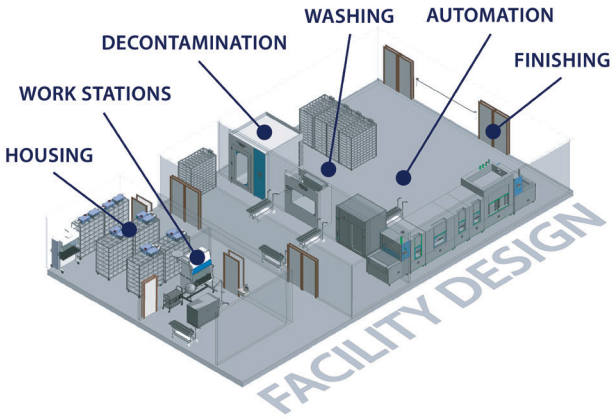
01/09/2026 MBB

TERRA ENGINEERING LTD.
225 W Ohio Street - Suite 400; Chicago, IL 60654
(T) 312-467-0123 | (F) 312-467-0220

13.7 CUT SHEETS OF VIVARIUM EQUIPMENT

Your trusted global partner providing critical solutions

For over 50 years, Allentown has provided key solutions to the biomedical research community. Our high-quality equipment and advanced vivarium systems continue to define and exceed industry standards. Innovation, quality and service are at the heart of the customer experience.



Equinox

CAGE AND RACK WASHER

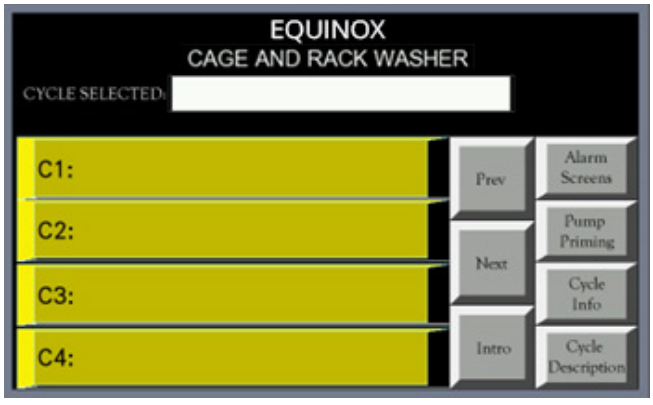


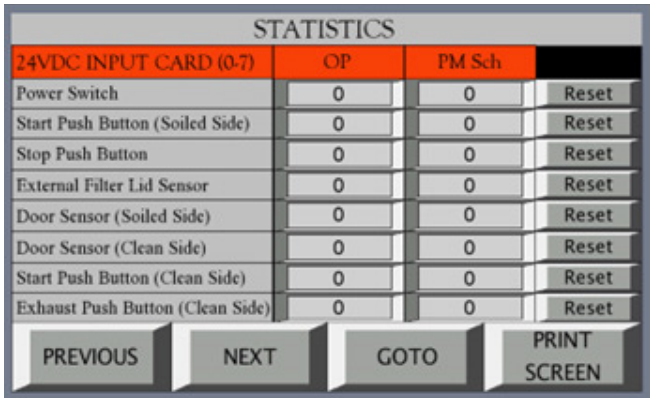
© 01-2025 ® Allentown, LLC. All Rights Reserved.



The perfect balance of unique performance and dependability

Built on the BetterBuilt legacy of innovation, EQUINOX by Allentown sets a new standard for cage and rack washing solutions. Designed to balance exceptional performance, operational efficiency, and sustainability, EQUINOX is tailored to meet the rigorous demands of today's animal research facilities.





Key features and benefits

- Designed to effectively wash and dry various sizes of animal housing, bottles, IVC racks, and other associated cage items that require processing within animal facilities.
- Steam or electric heating.
- Available with a single door or interlocked double doors for pass-through applications protecting load and barrier integrity.
- The shallow pit, modular and compact design grants flexible installations.
- Independent wash and rinse circuit ensure load integrity.
- Multi-chemical cycle for the processing all caging types.
- High daily throughput – 6 min cycle including drying.
- Faster and energy efficient cycles using recirculating technology also allowing for significant low water consumption.
- Optimal cycle performance through contact time, pressure and wash coverage for effective AK KAB compliant cleaning of cages.
- Touchscreen HMI control allowing for wide-ranging programming.
- Features advance troubleshooting system with Activ P&ID and Activ PM.
- Full glass door to allow for visual inspection and communication through the barrier.
- Colored LED chamber lighting.

© 01-2025 ® Allentown, LLC. All Rights Reserved.

Key features and benefits

General design

Pit mounted allowing smooth transition between the floor and chamber during loading/unloading.

High-quality 304 or 316 stainless steel chamber with smooth edges and corners, removing areas where dirt could accumulate and allow bacterial growth.

Door(s) with inflatable gasket grants the rack washer complete sealing of the chamber in SPF facilities to perform additional functionality such as: thermal disinfection with steam, chemical sterilization, and gaseous decontamination.

Interior horizontally mounted bar for door protection.

Washer floor composed by section can be easily removed to reach the bottom of the washing chamber for general cleaning/maintenance.

Adjustable loading guide rails to protect the walls of the chamber and place presentation rack in appropriate position.

Washing system and integrity

10 rows of oscillating adjustable spray arms – 5 on each side to directly address each row of presentation racks.

Simultaneous (both sides at the same time) & Alternating spray arms oscillating dependent on load requirements.

160 dedicated high pressure spray wash and rinse nozzles provide unmatched cage coverage for efficient removal of debris and chemical residue.

Powerful dedicated rinse pump to provide comprehensive removal of detergent residues and delivery of high temperature final rinse phase.

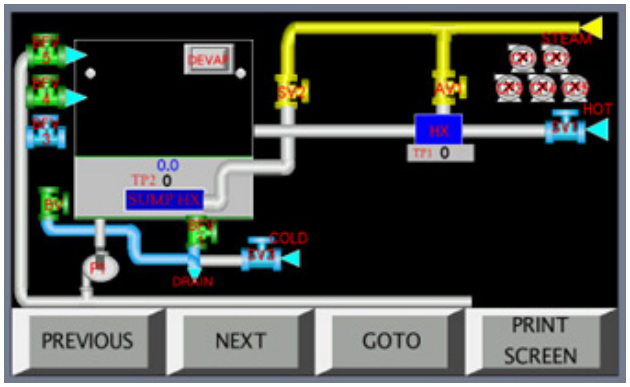
High-powered wash and rinse pumps provide high pressure contact at each phase.

Auto-start system to have a ready-to use washer when starting the day, saving time for operators.

Integrated vapor exhaust fan for removal of condensate and assisting drying.

2 Level filtration, specifically designed for animal caging and soiling conditions, protects the wash circuits, pumps and prevents the blocking of spray nozzles.

Inline automatic self-cleaning filter.



Detergent

Storage of the chemical detergents with spill trays accessible via lockable door.

Integrated detergent dosage units for washing detergent and rinse aid/neutralizer.

Safety and protection

Emergency e-stop button on loading & unloading sides and man-on-board safety cable, each side of the internal chamber.

LED light to illuminate the chamber and changes colour dependent on the cycle stage.

Air intake from the clean/unloading side environment, offers no contamination of load upon cycle completion.

HMI

User-friendly, multi-language, 7" color touch screen(s) using Omron PLC, which provides simple controls for operators and grants full visibility and monitoring of cycles.

Comprehensive monitoring of cycle phase, time, temperature, chemical dosing, water quantity, drying.

Complete cycle parameter customisation.

16 fully adjustable cycle programs.

Advanced Alarm and Data Logging.

Compact Flashcard port for historical back-up.

Ergonomy

Inline automatic self-cleaning filter, readily accessible for quick and easy routine maintenance.

Easy removable spray arms to facilitate routine maintenance, no tool required.

Spray nozzles in stainless steel for extended life, ease of cleaning and chemical resilience.

Maintenance

Built-in advanced diagnosis.

Activ PM – statistics mode to forecast a Preventative Maintenance Schedule.

Ethernet connection to allow for remote diagnosis.

General components are non-proprietary and are available from local suppliers or the factory.

Standard 10-year guarantee on washer chamber and tanks.

EQUINOX

© 01-2025 ® Allentown, LLC. All Rights Reserved.

Technical specifications

- Pit mounted.
- Cabinets and doors are all stainless steel 304 construction, fully welded and polished to a satin finish.
- Pumps, flanges, pipe connections, and spray nozzles are constructed of type 304 stainless steel for compatibility with all types of detergents.
- Stainless steel 316 pumps.
- Insulated double wall cabinet and door(s).
- Inflatable door gasket replaceable without removing the door.
- Double panel tempered glass sealed in a gasket.
- Automatic tank level control.
- Temperature probes.
- Low level detergent sensors.
- Pressure transducers.
- Noise level 60 – 64 dBa.
- Non proprietary metric parts.
- CE declaration.
- 220V and 415V.
- Overall dimensions: W 2537mm x D 2438 x H 2405 (mm).
- Usable Chamber size: W 1219 x D 2286 x H 2235 (mm).
- Door size: W 1219 x H 2235 mm.

Optional functionalities

- Chamber in stainless steel 316.
- 1 or 2 additional 170L non-heated wash tanks.
- Floor tilt ramp.
- Stainless steel trim for soiled, clean or both.
- Guaranteed temperature during the wash cycle by means of a microprocessor control system.
- Forced air drying for a level 1 AK KAB drying finish on cages.
- Steam injection for thermal disinfection cycle (steam heated model).
- Heat recovery.
- Decontamination cycle:
  - Hybrid or external H2O2 generator: "inlet, outlet and communications connection via dry contact for the generator to interact with the rack washer HMI".
  - IP65 rated power outlet within chamber.
  - Sampling point (gland) on either load or unload door.
- Drain cooling and PH neutralization system: separate tank within the service area which allow cooling water and/or neutralising chemicals prior to sending waste water to drain.
- Exterior horizontally mounted door bar.
- Second touch screen (clean) side, for 2-door washer.
- Touch screen guard.
- Thermal printer with cover.
- Light tower.
- Audible buzzer.

Loading systems and accessories

Range of presentations racks and baskets to ensure all load items can be located and secured to allow effective washing.

- Full size or baby rodent cage presentation racks.
- Customised/Dedicated presentation racks for large animal caging systems.
- Bottle washing cart.
- Bottle crates.
- Generic baskets to wash accessories such as enrichments and sipper tubes or watering valves.
- IVC manifold connection.
- AutoWatering manifold washing.

Turnkey project management

Allentown guarantees a turnkey offer thanks to our dedicated APM qualified International Project Manager. The PM will be a key part of our offering to manage the integration of high-value equipment into complex infrastructures that require meticulous planning, coordination and alignment with customer needs. You will gain critical benefits from this service:

- **Streamlined Communication** facilitating clear and consistent communication between the customer, design offices/architects and contractor.
- **Efficient Project Road Map Implementation and Execution** breaking down complex tasks into manageable phases, defining timelines, milestones, and resource needs.
- **Risk Management** by identifying potential risks early in the project to proactively implement mitigation strategies.
- **Customisation** to meet the client's specific needs and facility infrastructure.
- **Quality Assurance** ensuring requirements are met accurately and that the equipment functions as expected before delivery and installation.
- **Improved Customer Experience and Satisfaction** helping deliver a seamless, predictable experience, by handling the complexity behind the scenes and keeping clients informed and involved at key stages.
- **Post-Installation Support and Training Coordination:** once equipment is installed, project managers will coordinate training sessions and provide support as needed, ensuring a smooth handover.

EQUINOX

© 01-2025 ® Allentown, LLC. All Rights Reserved.

BETTER BUILT®

An Allentown company



BFS Series
Bottle Filling Stations

v2 © 07-2023

BFS Series Bottle Filling Stations

Application

The BFS Series Bottle Filling Stations are manually operated, manifold type fillers designed to fill feeder bottles loaded into wire bottle baskets. All stainless steel construction, under shelf for storage, adjustable fill timer, and interchangeable fill header designed to pivot upwards, making the fill station easy to clean. The BFS Series Bottle Filling Stations are easily custom fabricated to suit client requirements for throughput and bottle basket configuration.

Note: Due to continued engineering improvements, specifications are subject to change without notice.

	Configuration	Overall
MODEL	FILL PATTERN	W x H x L
BFS25	5x5 - 25 position	24 x 47 x 48" 610 x 1194 x 1220 mm
BFS36	6x6 - 36 position	27 x 47 x 67" 686 x 1194 x 1702 mm

Standard Features

- All stainless steel construction
- Automatic adjustable fill timer
- Manual shut off valve
- Guide rails made of UHMW
- On/off switch for timer and solenoid valves
- Recessed controls
- Under shelf for storage
- Interchangeable fill manifold header
- Quick disconnect at manifold header
- Nozzle manifold pivots upward for cleaning

Custom Sizes

Contact BetterBuilt or your local representative for further details

BETTER BUILT®

An Allentown company

® Allentown, LLC. All Rights Reserved.

WWW.ALLENTOWNINC.COM

www.nsc-betterbuilt.com

BETTER BUILT®

An Allentown company



R600 Series
Cage & Rack Washers

v4 © 09-2023

R600 Series Cage and Rack Washers

The BetterBuilt R600 Series Cage and Rack Washer is the result of modern technology combined with a proven spray design. This approach delivers the cleaning performance, ease of use, and long-term durability demands of today's busy laboratories. Choose from four models to best suit your site conditions and washing requirements.

High Pressure Spray with Total Coverage

Wash and rinse solutions are distributed throughout the wash chamber by either an overlapping rotary spray arm system, a travelling manifold system, or an oscillating spray jet system, positioned for complete coverage.

Choice of Sizes and Door Configurations

The R600 series washers are available in single door and two door pass-thru models. The simplicity of our design allows us to fabricate custom sizes to match important length, width and/or height requirements.

Guaranteed Temperatures Throughout the Cycle

Chemical suppliers have specific temperature recommendations for best performance from their detergents. Our micro-processor control system allows the user to preset the correct solution temperature for each step of the wash cycle and guranteed to kill bacteria during the final stage.

Touchscreen Controls

The touchscreen controls allow the user to easily select from 8 pre-programmed cleaning cycles. The easy to read information screen shows the current operating cycle and stage, actual temperature and time remaining.

Microprocessor

Cycles and communication features are controlled by the microprocessor. Each cycle can be preset for time, temperature, multiple washes, multiple rinses, chemical additives, exhaust and water saving for maximum efficiency. Programmed wash cycles are protected via pin number access, ensuring up to 11 levels of security. Pre-set temperatures for wash and rinse cycles are guaranteed and are verified with our alarm logging capabilities. Recording of wash cycle data is now available digitally with our optional compact flash card or with our ethernet connectivity to PLC data retrieval option.



Shown with overlapping rotary spray arm system



Traveling manifold system



Oscillating spray jet system

v4 © 09-2023

Solid Construction for Durability

All BetterBuilt washers are built with durability in mind. Cabinets and doors are all stainless steel construction, fully welded and polished to a satin finish. The complete solution circulation system including pumps, flanges, pipe connections, and loading equipment is constructed of type 304 stainless steel for compatibility with all types of detergents. Type 316 stainless steel is available as an option. No plastic or rubber piping connections are used.

Maintenance and Replacement Parts

A preventative maintenance program is required for warranty purposes and is available from a local service agent. All BetterBuilt washers use microprocessor program controllers for long life and ease of service diagnostics. All components are non-proprietary and are available from local suppliers or the factory.

Noise Reduction

Component selection and design engineering ensure that sound levels around the washer are kept below 80dB, which are in line with current worker safety recommendations.

Alkaline and Acid Compatible

All BetterBuilt washers have a stainless steel cabinet and circulatory system, containing no plastic or rubber connections. This makes the washer compatible with all alkaline or acidic detergents and extends the operational life of the washer.

Safety Features

Personnel safety features include an emergency stop (E-stop) button located at both the soiled and clean ends of the washer. Inside the wash chamber, a highly visible emergency stop cable is located on one side, or as an option on both sides. The washer door latch is designed to release easily when the door is pushed from the inside.

Optional Side Tanks

Reduced cycle times, energy savings and lower chemical consumption are benefits of using side tanks, which include drain surge tanks, heated fill tanks, heated rinse storage tanks, and alkaline/acid storage tanks.



v4 © 09-2023

R600 Series Cage and Rack Washers

Application

The BetterBuilt R600 Series Washers are automatic, heavy duty, multi-cycle, single chamber, floor loading, hydro-spray washer,s using either an overlapping rotary spray arm system, a travelling manifold system, or an oscillating spray jet system for complete coverage.

Note: Custom sized cabinets are available, contact BetterBuilt or your local representative for further details. Due to continued engineering improvements, specifications are subject to change without notice.

MODEL	INTERIOR CHAMBER W x H x L	EXTERIOR CABINET W x H x L
R620	42 x 84 x 80"	80 1/2 x 103 x 84"
	1067 x 2134 x 2032mm	2045 x 2616 x 2134mm
R630	48 x 88 x 90"	87 1/2 x 107 x 94"
	1219 x 2235 x 2286mm	2223 x 2718 x 2388mm
R670	48 x 88 x 130"	87 1/2 x 107 x 134"
	1219 x 2235 x 3302mm	2223 x 2718 x 3404mm
R690	48 x 88 x 180"	87 1/2 x 107 x 184"
	1219 x 2235 x 4572mm	2223 x 2718 x 4674mm

Standard Features

- Pit mounted
- All stainless steel construction
- Insulated double-wall cabinet and door(s)
- Manual swing-out hinged door(s)
- Stainless steel threshold plate at door(s)
- Spring-loaded safety door latch
- Stainless steel floor grating in lift-up sections
- Stainless steel pump and circulatory piping
- Overlapping rotary spray arm system
- Adjustable spray patterns
- Temperature guarantee during all cycle phases
- Water conservation system
- Drain discharge cool down
- Fully drained and flushed sump
- Automatic sump level control
- Pneumatic operated exhaust damper
- Double-level debris screens in wash chamber
- 5 chemical injection ports, contacts and fittings
- Interior side bumper rails
- Interior emergency stop cable
- Illuminated chamber interior
- Emergency stop button at door(s)
- Automatic multi-phase treatment cycles
- 8 fully-adjustable programmed cycles
- Multi-cycle microprocessor control system
- 7" TFT color touchscreen control panel
- Program security via PIN number access
- Built-in advanced diagnostics
- Non-proprietary components
- Interior emergency stop cables, both sides

Optional Features

- Single door or two door passthrough
- Left or right side service access
- Dual enlarged viewing windows
- Low profile 6" base
- Barrier wall trim to close wall openings
- Interior door bumpers
- Seismic anchors
- Automatic cart lock connection
- Automatic tilt floor
- Horizontal oscillating spray jet system
- Lateral travelling spray jet system
- Facility direct rinse
- Pump direct rinse
- Integrated pan washing system
- Water supply temperature steam booster (60°F to 180°F)
- Water supply temperature steam booster (120°F to 180°F)
- Stainless steel steam coil sump heating
- Electric element sump heating (R620 and R630 only)
- Automatic watering rack flushing system
- Exhaust vapour removal condenser
- Exhaust stainless steel blower
- Devapormatic exhaust system, closed loop
- Dryer system c/w POV
- Dryer c/w devapormatic system
- Automatic chemical injection pumps, time based
- Low level chemical sensor
- Sampling port
- Ph neutralization for effluent
- Drain surge tank
- Heated fill tank
- Heated rinse storage tank
- Alkaline and acid solution re-use tanks
- Cold water fill system
- Chilled water drain cool down
- External self cleaning debris filter
- Dedicated low volume drain pump
- VHP/IHP/CD capability
- Pneumatic door gasket
- Shut-off valves, pressure gauges, water arrestors
- Stainless steel control guard
- Thermal cycle data printer
- Printer cover
- RS485 port for remote data transfer
- Compact flash card for data collection
- PLC and touchscreen program backup
- Ethernet connectivity to plc for data transfer
- Factory ethernet connectivity for online diagnostics
- Touchscreen ethernet connectivity for online diagnostics
- Modem connectivity for factory diagnostics
- Surge protection
- NEMA control box
- CCTV capabilities for unload side camera
- Clean side buzzer
- Activ™ monitoring
- ActivView or ActivView Lite Integration

Accessories

See Accessories Brochure

BETTER BUILT®

An Allentown company

® Allentown, LLC. All Rights Reserved.

WWW.ALLENTOWNINC.COM

www.nsc-betterbuilt.com

EOLUS

BEDDING HANDLING SYSTEM





WASTE DISPOSAL STATION | WASTE COLLECTION SYSTEM | TECHNICAL COMPARTMENT

EOLUS Bedding Handling System is designed for continuous handling, transportation, storage and disposing of dirty bedding material used in laboratory animal facilities.
The EOLUS system is designed to fit every specific customer requirements, regardless the distances involved, the animal model or the cage count.

EOLUS is a highly reliable automated system with the objective of maximizing the working efficiency and cutting down operators' efforts and allergen exposure. The EOLUS system is composed by three main elements:

A. the Waste Disposal Station (WDS)
B. the Waste Collection System
C. the Technical Compartment.

The dirty bedding material and environmental enrichments are dumped by operator or automated system into the **Waste Disposal Station (WDS)** which is situated into the washing area. Then, the material is automatically transported via a conveyor belt into the hopper shredder. The central vacuum unit pneumatically draws the dirty bedding material from the shredder into the **Waste Collection System** which can be installed in different locations based on specific customers' layout. The **Technical Compartment**, composed by pump(s), filtration unit and system control, generates vacuum for material transportation.

EOLUS
BEDDING HANDLING SYSTEM

A WASTE DISPOSAL STATION

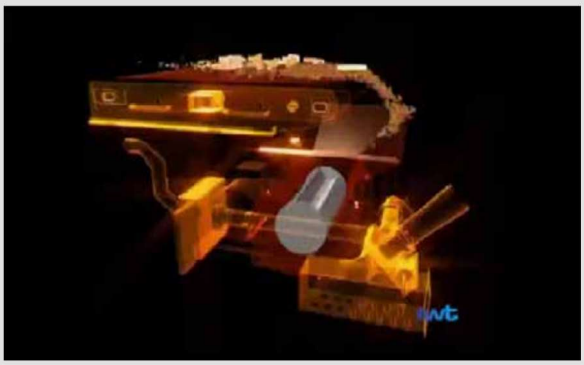
The Waste Disposal Station (WDS) is the point where the operator dumps the dirty bedding material which is then automatically and safely transported into the shredder via a conveyor belt. The conveyor belt controls the flow of material dumped and operators' safety. Enrichment processability is guaranteed without any extra operations, such as grids or protections removal. The unit works with all common types of bedding and enrichments currently available in the market.

Thanks to its unique features, the WDS guarantees:

- **operator safety**, by the presence of the conveyor belt and the enclosures designed to prevent operator contact with the shredder
- **easy system management**, via a wall-mounted pannel inclusive of a 4'' color touchscreen for system monitoring and controlling (start&stop, alarms&warnings, manual commands)
- **efficient material transportation** thanks to the controlled material flow managed by the conveyor belt and the presence of a perforated grid for fine grinding of material before entering the vacuum piping.



WASTE DISPOSAL STATION


MATERIAL TRANSPORTATION

OPTIONS

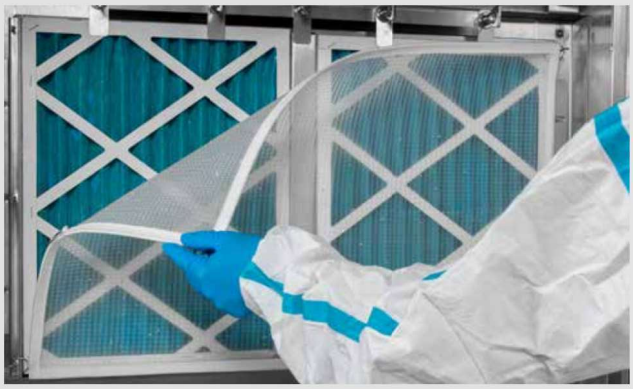
ALLERGEN PROTECTION SYSTEM

The WDS can be equipped with two alternative options for operator high level safety:

- **Back-draft hood**, based on laminar flow technology, it has a dedicated ventilation fan with recirculated air system. It is equipped with washable pre-filter and a combination of G4+F7+H14 filters
- **Canopy hood** which uses the main pump airflow and filtration to minimize operator exposure

CLEANING POINTS

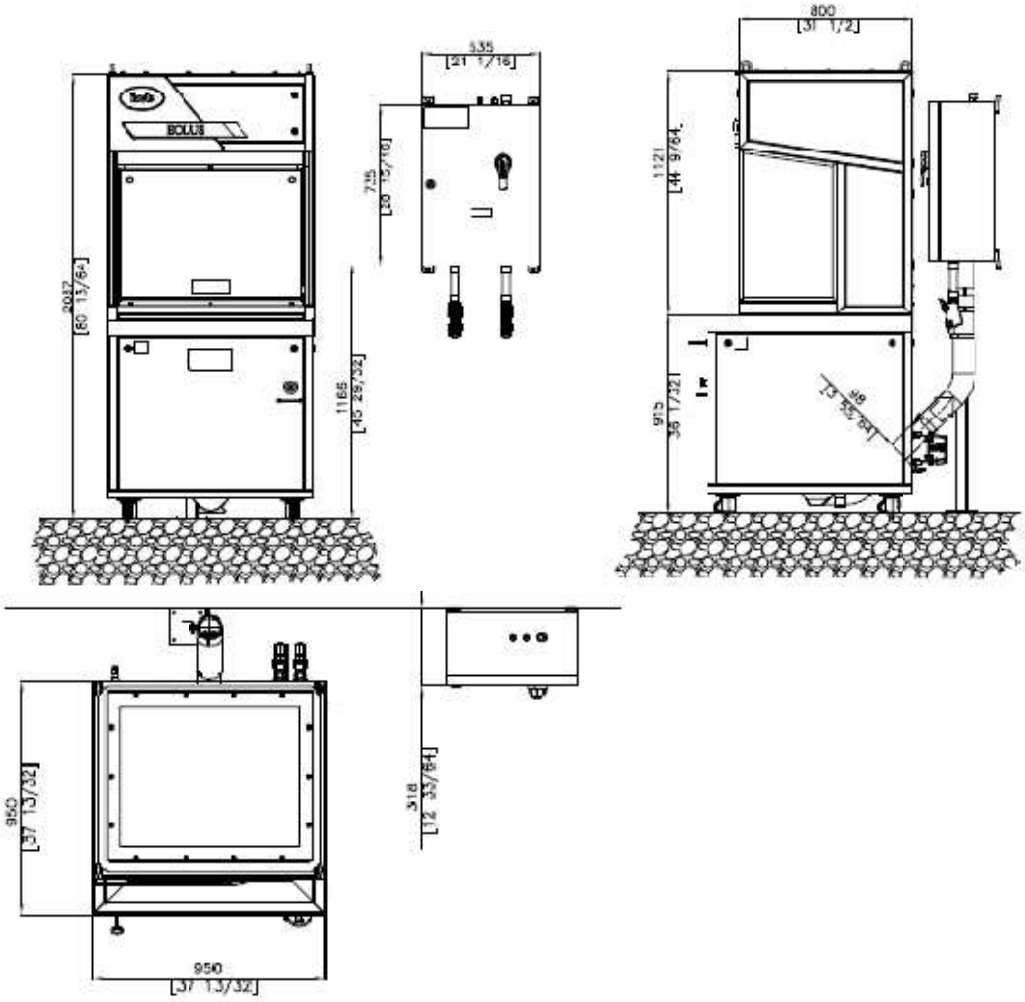
- Wall-mounted **cleaning points** inclusive of 7m hose (23ft) and cleaning accessories *(up to #3 Cleaning Points).*


WASHABLE PRE-FILTER

EOLUS
BEDDING HANDLING SYSTEM

A WASTE DISPOSAL STATION

TECHNICAL DATA AND SERVICE REQUIREMENTS



	SERVICE	CONNECTION	SERVICE REQUIREMENTS		
				METRIC UNIT	US IMPERIAL UNIT
E	Electrical supply	Electrical Box	Voltage and frequency: Type: Power required: FLA: On board disconnected fuse: Suggested Line Fuse:	400V / 50Hz Three phases + earth 3.6 kW 6.5A 10A 16A	480V / 60Hz Three phases + ground 3.6 kW 6.5A 10A 15A
A	Compressed Air	Ø 6mm	Dynamic pressure: Quality: Min flow rate:	6 bar Filtered, dried and oil free 84 l/min @ 6 bar	87 PSI Filtered, dried and oil free 22 Gallons/min @ 87 PSI

WEIGHT		
Electrical cabinet	20 kg	44 lbs
Waste Disposal Station	442 kg	974 lbs
Total	462 kg	1018 lbs

**System configuration: Waste Disposal Station for vacuum system with back-draft hood. Utility requirements may change depending on final product configuration. Please consult with your local representatives for further details.*

EOLUS
BEDDING HANDLING SYSTEM

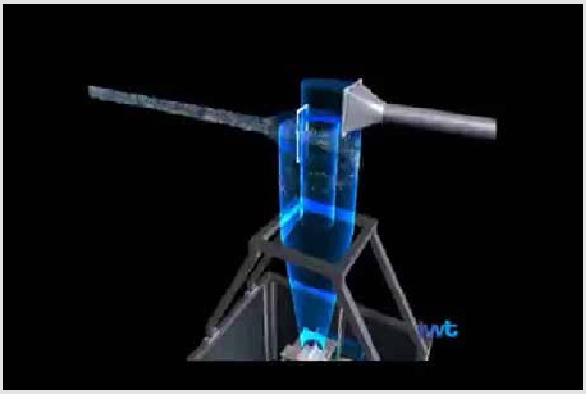
B WASTE COLLECTION SYSTEM

Once the material passes the WDS shredder, the central vacuum system moves it via pneumatic transportation into a waste collection point which can be located wherever the customer prefers. IWT can offer different waste collection solutions, depending on customers' needs and local regulatory standards.

BIN SOLUTION WITH CYCLONE SEPARATOR

(for four wheeled mobile bin applications)

The cyclone separator has a S/S construction designed to make it flexible to fit different scenarios. The cyclone separates the bedding material from the air: the bedding material passes through a rotary valve and goes directly into the bin while the air is pneumatically driven toward the technical compartment. The system is equipped with a **max level sensor** to give information regarding the maximum bag filling level and with a **discharge chute with bag clamp** to make the bag changing process easier and safer for the operator. This solution can include **up to 3 cyclones.**



CYCLONE SEPARATOR

BIN-CONTAINER SOLUTION WITH CYCLONE SEPARATOR *(for four wheeled mobile bin applications)*

The cyclone separator has a standardized S/S construction design with reduced height dimension in order to fit into **small facility rooms.** Therefore, this solution is for those scenarios with a minimum room height of 2,6m (9ft). The cyclone separates the bedding material from the air: the bedding material goes directly into the bag contained in the bin-container while the air is pneumatically driven toward the technical compartment.

A max level sensor (a no-contact radar sensor) is integrated to give information regarding the maximum bag filling level. The sealed bin-container with negative pressure is provided with a **slide-off tray with bag clamp** in order to reduce dust and allergens operators' exposure. This solution can include **up to 3 cyclones.**

SEALED CONTAINER SOLUTION

The solution includes a sealed container under negative pressure. The transported bedding material enters the container via a dedicated connection, while the air is pneumatically driven toward the technical compartment. The negative container is provided with **quick easy fitting camlock connections.** Their proper positioning is verified by a **dedicated vacuum sensor** which continuously monitors the internal container depression to ensure the proper system functioning. The solution has integrated a **maximum level sensor** in order to give information regarding the container filling level (the total filling volume corresponds to the 80% of the total nominal volume). The negative container can have **different sizes** and **two different set-ups.**



BIN-CONTAINER SOLUTION

OPEN DUMPSTERS SOLUTION

This solution can be integrated with all open dumpsters available in the market. The material is transported into a S/S construction cyclone separator and it goes through a rotary valve directly into the open container. It is equipped with a **flexible discharge chute** and a **max level sensor** to give information regarding the maximum filling level.

EOLUS
BEDDING HANDLING SYSTEM

B WASTE COLLECTION SYSTEM

OPTIONS

BIN SOLUTION WITH CYCLONE SEPARATOR
(for four wheeled mobile bin applications)

- **Increased rotary valve size**, needed in case of large animal applications and/or LARGE pump
- **Pre-filtration system** for enrichment and fibrous bedding applications, including a stirrer to break bridge effect
- **Suction ring** technology to protect operator from dust and allergens during the bag change process
- Wall-mounted **cleaning points** inclusive of hose 7m hose (23ft) and cleaning accessories *(up to #3 Cleaning Points).*

BIN-CONTAINER SOLUTION WITH CYCLONE SEPARATOR *(for four wheeled mobile bin applications)*

- **Pre-filtration system** for enrichment and fibrous bedding applications
- **Suction ring** technology to protect operator from dust and allergens during the bag change process
- Wall-mounted **cleaning points** inclusive of hose 7m hose (23ft) and cleaning accessories *(up to #3 Cleaning Points).*

SEALED CONTAINER SOLUTION

- **Warning level sensor** which indicates when the container is almost full for a proper waste planning
- **Pre-filtration system** for enrichment and fibrous bedding applications

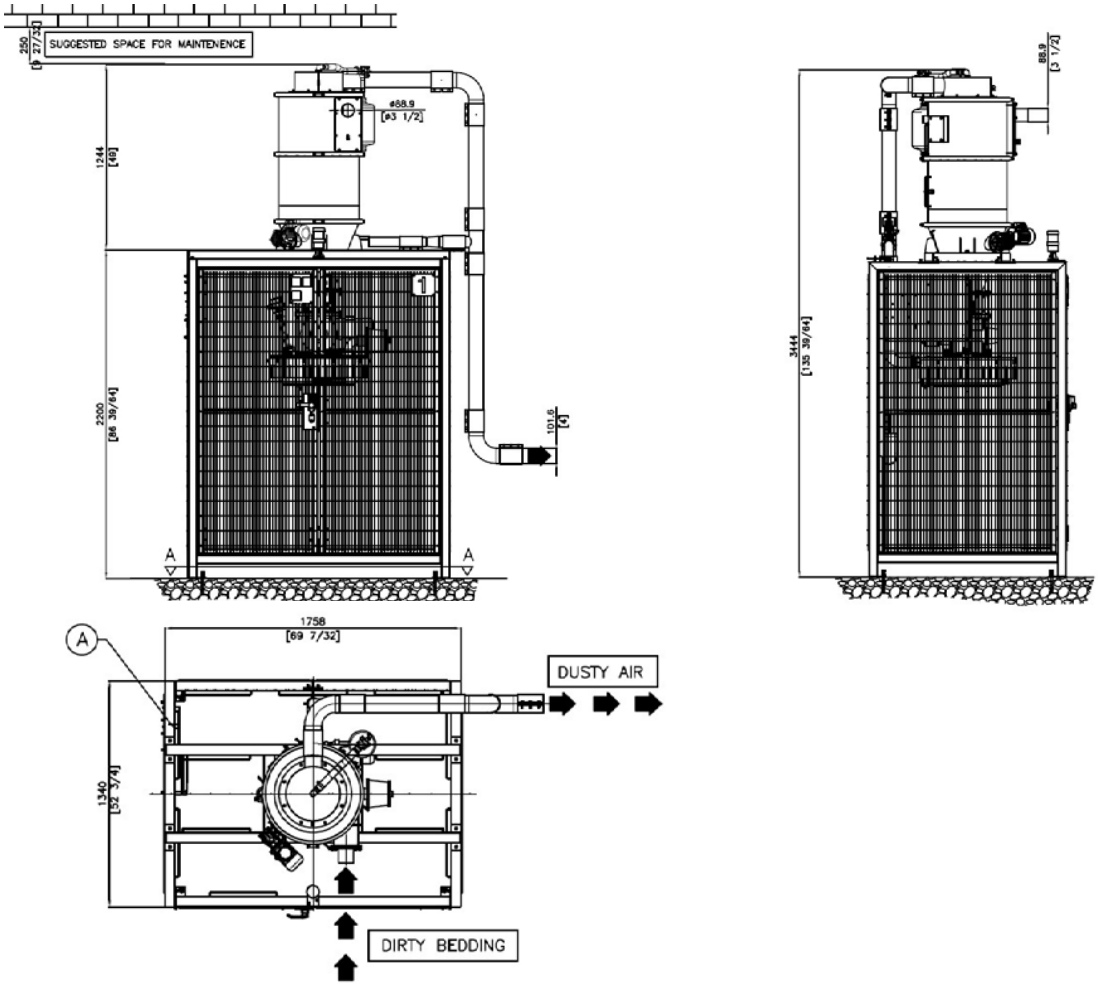
OPEN DUMPSTERS SOLUTION

- **Increased rotary valve size,** needed in case of large animal applications and/or LARGE pump
- **Pre-filtration system** for enrichment and fibrous bedding applications, including a stirrer to break bridge effect

EOLUS
BEDDING HANDLING SYSTEM

B WASTE COLLECTION SYSTEM

TECHNICAL DATA AND SERVICE REQUIREMENTS



	SERVICE	CONNECTION	SERVICE REQUIREMENTS		
				METRIC UNIT	US IMPERIAL UNIT
E3	Electrical supply	Electrical Box	Voltage and frequency: Type: Power required: FLA: On board disconnected fuse: Suggested Line Fuse:	380V - 400V / 50Hz Three phases + earth 1.85 kW 4.9A 10A 16A	480V / 60Hz Three phases + earth 1.85 kW 4.1A 10A 12A
A	Compressed Air	Ø 12mm Ø 0.5"	Dynamic pressure: Quality: Min flow rate: Consumptions:	6 bar Filtered, dried and oil free 80 l/min @ 6 bar 5 l/min	87 PSI Filtered, dried and oil free 21 Gallons/min @ 87 PSI 1.3 Gallons/min
WEIGHT					
APPROXIMATE OPERATING WEIGHT			360 kg	794 lbs	

**System configuration: single cyclone separator with safety enclosures. Utility requirements may change depending on final product configuration. Please consult with your local representatives for further details.*

EOLUS
BEDDING HANDLING SYSTEM

C TECHNICAL COMPARTMENT

The EOLUS system is characterized by a very compact all-in-one technical compartment which guarantees reduced space requirements, easier installation and great efficiency. The technical compartment is composed by three main elements: the vacuum pump(s), the filtration unit and the control box.

The **Technical Compartment size** depends on the final pump(s) dimensioning, the WDS number and the filtering unit surface.

COMPACT
- total footprint: 1460x890mm - 57,5x35 inch
- for a single SMALL pump management
- up to #1WDS
- filtering surface of 7,5m^2 (80,8 ft^2)

REGULAR
- total footprint: 2230x1050mm - 87,8x41 inch
- for a single MEDIUM or LARGE pump management
- up to #1WDS
- filtering surface of 15m^2 (161,5 ft^2)

DOUBLE
- total footprint: 2950x1050mm - 116x41 inch
- for a double SMALL, MEDIUM or LARGE pumps management
- up to #2WDS
- filtering surface of 28m^2 (301,4 ft^2)

THE VACUUM PUMP(S)

The pump(s) are **managed by an inverter** which allows the system to work at the real on-site conditions. This contributes to increase the **system flexibility** and energy efficiency resulting in optimal consumptions. The pump(s) are mounted on **anti-vibration pads** in order to reduce eventual floor vibrations. The type of pump depends from the overall system dimensioning in terms of horizontal and vertical piping, the number of bends as well as the number of WDS needed. The final vacuum pump needs to be sized in order to generate the required vacuum to transport material from the washing area to the waste collection point. Its final dimensioning is based on the customer layout.

SMALL PUMP SIZE
- max 30m (98ft) horizontal piping
- max 10m (33ft) vertical piping
- max 5 bends

MEDIUM PUMP SIZE
- max 60m (197ft) horizontal piping
- max 16m (53ft) vertical piping
- max 8 bends

LARGE PUMP SIZE
- max 90m (295ft) horizontal piping
- max 24m (79ft) vertical piping
- max 10 bends

Please contact IWT Sales representative for specific configuration or longer distances involved.





VACUUM PUMP

EOLUS
BEDDING HANDLING SYSTEM

C TECHNICAL COMPARTMENT

THE FILTRATION UNIT

The filtration unit is designed to separate air-borne dust from the air going back to the vacuum pump: dust must remain outside the filtering element and clean air must be drawn inside the filters. The filter unit has a **modular design** in order to be easily adapt to different customers' layout. The filter unit is featuring a **self-cleaning process** performed by compressed air reverse pulse: the removed dust falls directly into a bin positioned below the filter tower. This is equipped with an **easy-sealing bags system** in order to minimize allergen operator exposure and make the bag changing safer.



EASY-SEALING BAG SYSTEM

THE CONTROL BOX

The control box includes a PLC system and a 7" touch-screen for an **easy system monitoring and controlling** with the following features:

- **LiteView**, web-based monitoring system available on smart-phone and tablet app for remote monitoring inclusive of a "blackboard" to send messages to the screen;
- **Teleservice,** remote connectivity via internet (on customer's permission) for troubleshooting and software upgrades directly from the factory without stepping in your facility;
- **eMeter,** data collection on system consumptions.

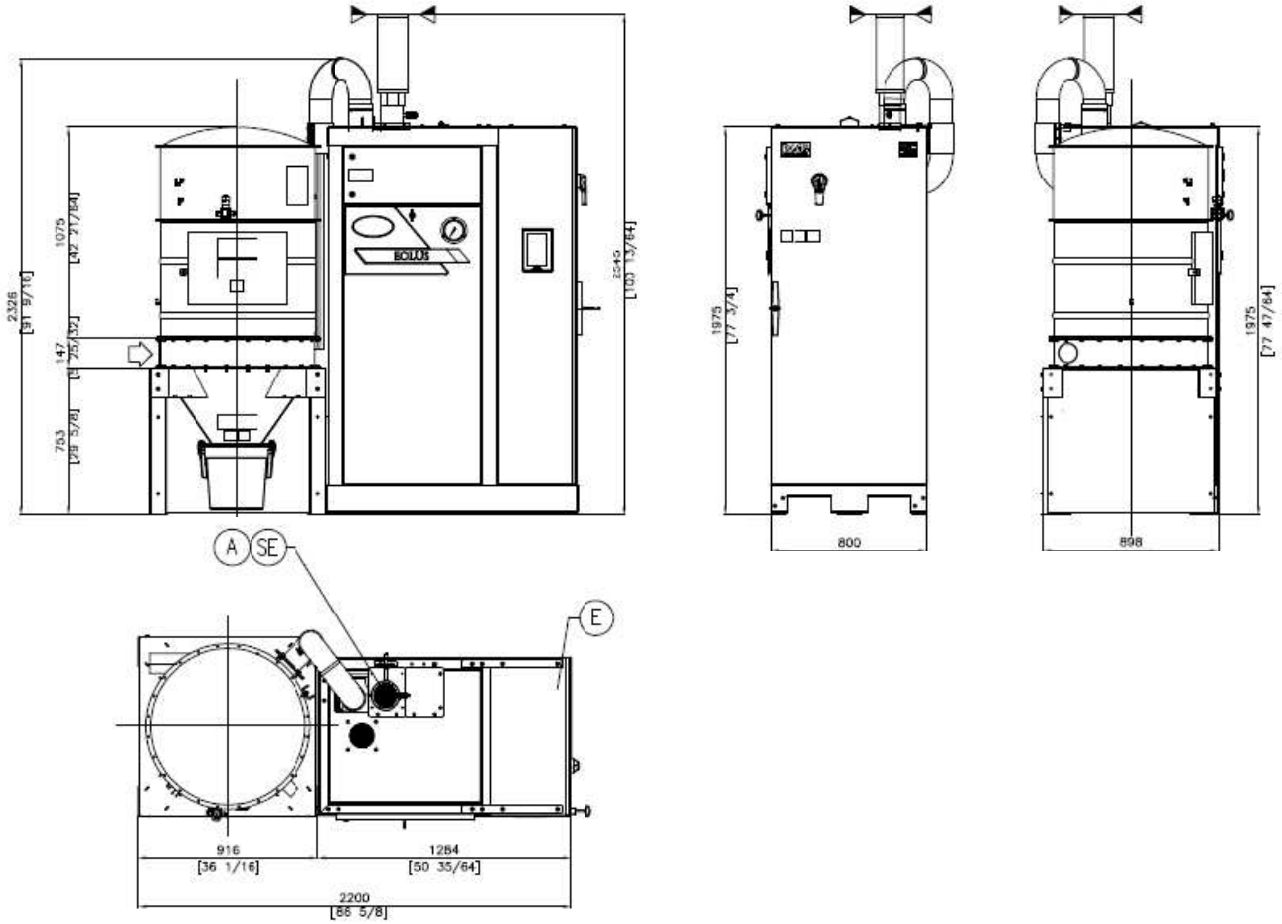
OPTIONS

- **HEPA filter** class H14
- **Suction point** for dust removal directly from the Filtering Unit canister
- Wall-mounted **cleaning points** inclusive of 7m hose (23ft) and cleaning accessories *(up to #3 Cleaning Points).*

EOLUS
BEDDING HANDLING SYSTEM

C TECHNICAL COMPARTMENT

TECHNICAL DATA AND SERVICE REQUIREMENTS



	SERVICE	CONNECTION	SERVICE REQUIREMENTS		
				METRIC UNIT	US IMPERIAL UNIT
E3	Electrical supply	Electrical Box	Voltage and frequency: Type: Power required: FLA: On board disconnected fuse: Suggested Line Fuse:	380V - 400V / 50Hz – 60Hz Three phases + earth 37.2 kW 69.6A 100A 125A	480V / 60Hz Three phases + ground 37.2 kW 57.6A 125A 150A
A	Compressed Air	Ø 12mm Ø 0.5"	Dynamic pressure: Quality: Min flow rate:	6 bar Filtered, dried and oil free 80 l/min @ 6 bar	87 PSI Filtered, dried and oil free 21 Gallons/min @ 87 PSI
SE	Exhaust	Ø 114.3mm Ø 4.5"	Max air flow: Max temperature:	1500 m3/h 110 °C	882 CFM 230 °F

WEIGHT		
BHS REGULAR + DUST RECOVERY + HEPA FILTER	350 kg	770 lbs
LARGE PUMP SIZE	1115 kg	2460 lbs

**System configuration: Regular Technical compartment, large pump and right version. Utility requirements may change depending on final product configuration. Please consult with your local representatives for further details.*

EOLUS
BEDDING HANDLING SYSTEM

EQUIPMENT CONFIGURATION

WDS QUANTITY
- ○ 1
- ○ 2

WASTE COLLECTION SYSTEM

○ **BIN SOLUTION WITH CYCLONE SEPARATOR**

- **Quantity**

○ 1
○ 2
○ 3

- **Safety system**

○ **s/s support frame** and enclosures with safety doors included (total cyclone height 3,5m - 11,5ft)
○ **discharge chute extension with bag clamp** (total cyclone height 4,5m - 14,8 ft)

○ **BIN-CONTAINER SOLUTION WITH CYCLONE SEPARATOR**

- **Quantity**

○ 1
○ 2
○ 3

○ **SEALED CONTAINER SOLUTION**

- **Container sizes**

○ 8m³
○ 10m³
○ 12m³
○ 15m³
○ 20m³
○ 30m³

- **Container set-up**

○ Roll-off *(available for all container sizes)*
○ Lugger lift *(available for 8m³, 10m³,12m³ containers)*

TECHNICAL COMPARTMENT SIZE
- ○ Compact
- ○ Regular
- ○ Double

■ VACUUM PUMP(S) SIZE
- ○ Small pump
- ○ Medium pump
- ○ Large pump

■ FILTRATION UNIT LAYOUT *(additional option available only for Regular and Double Technical Compartment size)*
- ○ Mounted on the **right side** of the pump
- ○ Mounted on the **left side** of the pump
- ○ **Remoted position** (up to 5m-16.5ft)

POWER REQUIREMENTS
- ○ **400V-50Hz** (three-phases + neutral + earth)
- ○ **380V-60Hz** (three-phases + neutral + earth)
- ○ **480V-60Hz** (three-phases + earth)
- ○ Others

For different configuration please consult us.

VALIDATION AND QUALIFICATION

A set of tests and protocols are available as optional to verify the system performance:
- ○ **FACTORY ACCEPTANCE TEST** (FAT)
- ○ **SITE ACCEPTANCE TEST** (SAT) - inclusive of IQ, OQ, PQ

COMPLIANCE TO DIRECTIVE AND STANDARDS

2006/42/EC	Machinery Directive
2014/30/UE	EMC Directive
2014/35/UE	Low Voltage Directive
CEI EN 60204-1:2016	Safety of machinery. Electrical equipment of machines. General requirements
UNI EN ISO 12100:2010	Safety of machinery. General principles for design. Risk assessment and risk reduction.

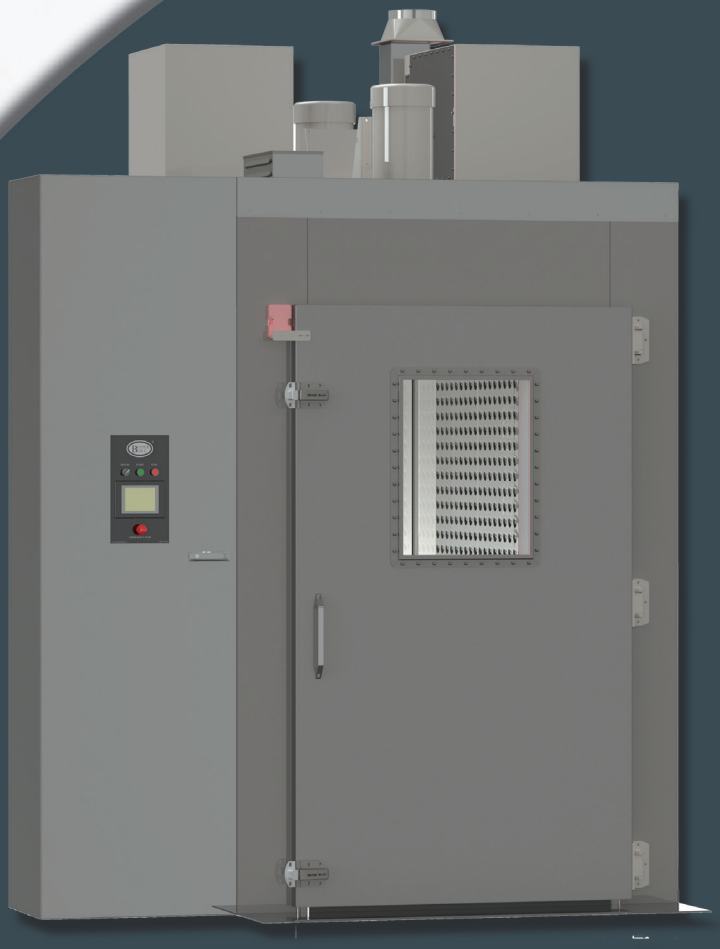
DOCUMENTATION

The EOLUS system comes in with the following standard documentation:

- User and Maintenance Manual
- P&ID
- Wiring diagram
- Pneumatic diagram
- Spare part list
- EC conformity declaration - UL/CSA listing.

BETTER BUILT®

An Allentown company



D600 Series
Dry Heat Sterilizer

v3 © 08-2023

D600 Series Dry Heat Sterilizer

The BetterBuilt D600 Series Dry Heat Sterilizer uses electric generated forced-air convection technology for reduced energy consumption. Compared to steam autoclaves, no water usage is required, maintenance is less, and cost to own and operate is lower. Installation is simple and flexible with onsite assembly capability.

Sterilization System

High energy, efficient electric heaters provide accurate temperature, while direct driven blowers force hot air through semi-pierced side walls to create high volume uniformed horizontal circulated air flow across items to be sterilized. HEPA filters are utilized by the air intake and exhaust systems.

Modular Construction

All stainless steel modular construction provides durability and installation flexibility. All disassembled sections of the dry heat sterilizer will pass through a 3'-6" x 6'-8" standard doorway.

Floor-Mounted Installation

A heavy duty 3/16" plate stainless steel floor with beveled edge for mobile cart loading allows for floor-mounted installation – no pit required.

Insulated Chamber

Chamber is double wall construction with 4" insulation on all sides except the floor. Smooth interior side wall construction reduces ledges or corners where gross debris may accumulate.

Service Access

The Dry Heat Sterilizer can be provided with service access from either the side or top, which ever configuration functions best, based onsite conditions.



v3 © 08-2023



Validation

Temperature uniformity mapping and validated sterilization cycles using biological indicators are performed at the factory for assured results.

Special Feature
Viewing Window

For convenience, ease of use, and safety in mind we provide each door a tempered glass 20" W x 26" H observation window.

Special Feature
Illuminated Chamber

The interior chamber is illuminated for user convenience and safety purposes by a compact halogen light fixture.

Special Feature
Dual Touchscreen Controls

Touchscreen control panels are located on both load and unload ends of the unit. Allowing users to easily view and select from 8 pre-programmed sterilization cycles. The easy-to-read information screens show current cycle data, including cycle stage, temperature, and time remaining.

Special Feature
Automated Load and Unload

BetterBuilt's optional continuous automated process significantly reduces energy consumption and dramatically shortens overall cycle time. Our automatic load and unload system is ideal for high-capacity applications. Manual operation of the Dry Heat Sterilizer is still possible, which provides extra flexibility for users.

v3 © 08-2023

D600 Series Dry Heat Sterilizer

Application

The BetterBuilt D600 Series Dry Heat Sterilizers are automatic, heavy duty, multi-cycle, single chamber, floor mounted, electric heated forced-air convection sterilizers with large capacity for the efficient sterilization of caging, bedding and cage carts used in the care of laboratory animals.

MODEL	Interior Chamber W x H x L	Exterior Cabinet W x H x L
D630	48 x 88 x 90" 1219 x 2235 x 2286mm	75 x 144 x 111" 1905 x 3658 x 2819mm
D690	48 x 88 x 180" 1219 x 2235 x 4572mm	75 x 144 x 210" 1905 x 3658 x 5334mm

Standard Features

- Floor mounted
- All stainless steel construction
- Insulated double-wall cabinet and door(s)
- Heavy-duty stainless steel floor with beveled edge
- Manual swing-out hinged door(s)
- Large viewing window
- Electronic door lock
- Illuminated chamber interior
- Interior side bumper rails
- Interior emergency stop cable on both sides
- Emergency stop button at door(s)
- High temperature limit safety controls
- Pressure differential safety controls
- Temperature proportioning controls
- Audible air circulation filter alarm
- High-volume horizontal air flow system
- HEPA filters for air intake and exhaust
- Automatic multi-phase treatment cycles
- 8 fully-adjustable programmed cycles
- Multi-cycle microprocessor control system
- Dual 7" TFT color touchscreen control panels
- Program security via PIN number access
- Built-in advanced diagnostics
- Non-proprietary components

Optional Features

- Pit mounted
- Single door or two door pass thru
- Right or left hand configuration
- Service access from top or side of unit
- Barrier wall trim to close wall openings
- Seismic anchors
- Stainless steel control guard
- Thermal cycle data printer
- Waterproof printer cover
- RS485 communication port for remote data transfer
- Compact flash card for data collection
- PLC and touchscreen program backup
- Ethernet connectivity to PLC for data transfer
- Factory ethernet connectivity for online diagnostics
- Touchscreen ethernet web server connectivity
- Modem connectivity for factory diagnostics
- Low voltage surge protection
- Clean side buzzer
- Automated load and unload
- Activ™ IAS integration
- ActivView or ActivView Lite integration
- Inflatable door gaskets

Related Equipment

- Tunnel Cage Washers
- Cage and Rack Washers
- ActivIAS Integrated Automated Solution
- Sure-Flo™ Clean Bedding Delivery System
- Sure-VAC™ Clean Bedding Delivery System

BETTER BUILT®

An Allentown company

® Allentown, LLC. All Rights Reserved.

WWW.ALLENTOWNINC.COM

www.nsc-betterbuilt.com

v3 © 08-2023

Allentown
Improving Life – it's in our DNA.®

NexGen
MAX

DATA SHEET

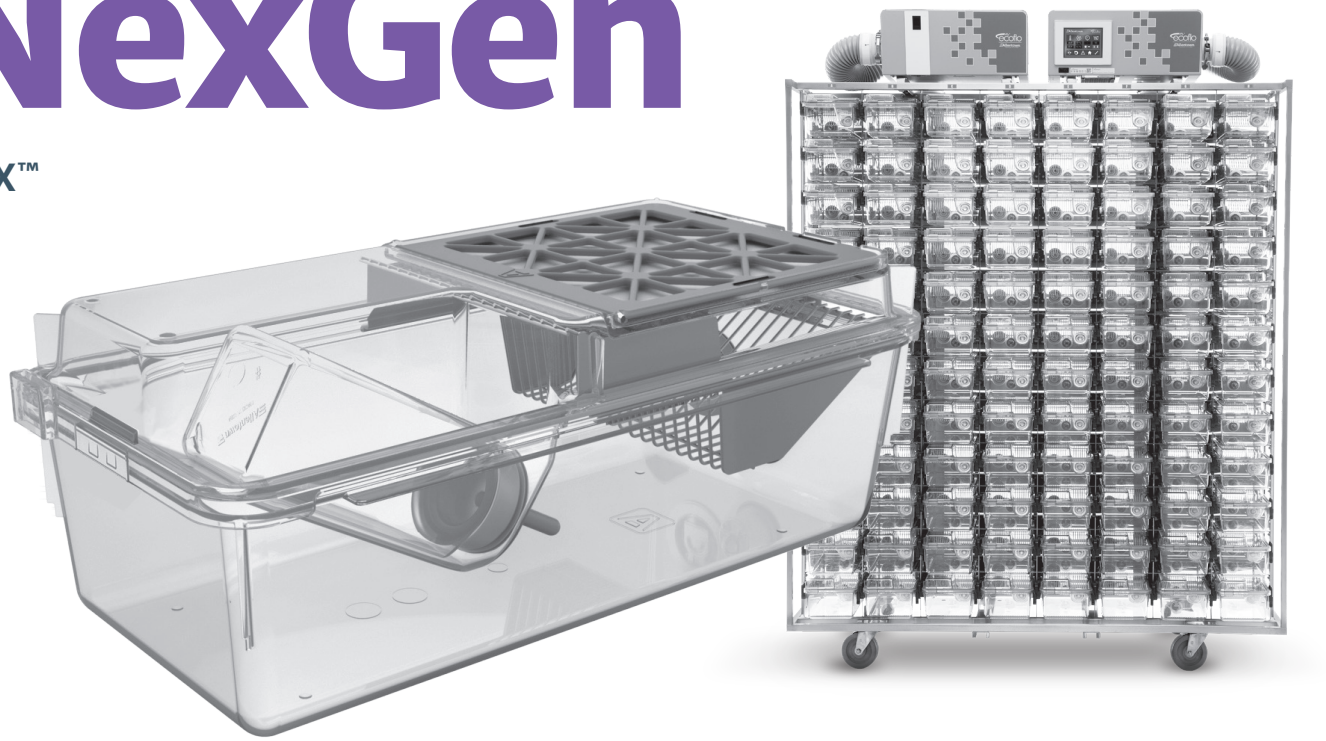


Your trusted global partner in life-saving research.

For over 50 years, Allentown has provided critical solutions to the biomedical research community. Our high-quality equipment and advanced vivarium systems continue to define and exceed industry standards. Like everything we do, our unparalleled customer service is stamped with the Allentown hallmarks of integrity, dedication and care.

NexGen™

MAX™



® Allentown, LLC © 2019. All Rights Reserved.

Providing critical solutions with integrity and care.

20% MORE CAGES IN THE SAME SIZE IVC



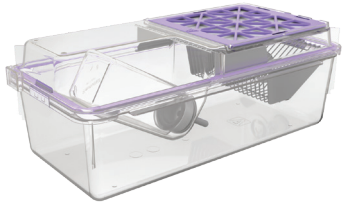
More Room. In the Same Room.

With the cost of floor space increasing with each passing year, every research facility in the Lab Animal Science industry understands the need to maximize cage density within their vivarium. Enter EasyCage® MAX and NexGen MAX, the new Maximum Density IVC and Cage Systems from Allentown that increases cage density by 20% - using IVCs that are the same size and occupy the same footprint as our standard units. Available with automatic watering, or with optional bottle, MAX IVCs accommodate both the EasyCage MAX disposable cage system AND the NexGen MAX reusable cage system. One rack, two cage types, many, many more cages. Just what you'd expect from a Solutions Provider.

® Allentown, LLC © 2019. All Rights Reserved.

OVERVIEW





IVC System

- Positive or negative precision air controlled rack
- Up to 192-cage capacity
- Lightweight, compact, and autoclave compatible rack design
- Plastic (polysulfone) cage support runners with integrated spring operated cage lock with docking indicator
- Ergonomic, single finger motion docking with auto-locking feature
- Horizontal airflow manifolds with tethered dual silicone end caps for ease of cleaning
- 5-inch and 3.5-inch diameter stainless steel casters with gray polypropylene wheels with sealed ball bearings and four foot-operated brakes
- Rear exhaust and supply plenum configurations for single-sided IVCs, or same side exhaust and supply plenum configurations for double-sided IVCs
- 4-inch diameter vertical supply and 4-inch diameter vertical exhaust plenums with back and bottom door access
- 304 stainless steel, welded frame construction, utilizing both square and rectangular structural tubing
- Cage air tubes are 304 stainless steel
- Automatic watering available
- Row and column identification labels
- Model number and serial number identification labels
- Compatible with all configurations of EcoFlo™ blowers
- Compatible with WiVarium Plus™ and Wi-Com Vantage™
- Compatible with Sentinel™ EAD® colony health monitoring system
- Compatible with Wi-Com Sensus™ RFID census solution
- Accommodates both NexGen MAX reusable and EasyCage® MAX disposable cage systems

Cage System

- Cage floor space of 81 in^2
- Clear polysulfone plastic
- Gasketed cage lid ensures safety and protection from damage
- Clear cage and flip-up / stay-up cardholders improve observations
- Easily-accessible water bottles (EBT)
- Hinged filter retainer swings up for easy filter replacements
- Compact nesting and stacking for more efficient autoclaving throughput
- Available with or without locks and with multiple feeder configurations
- Lightweight plastic feeder tray (PFT)

® Allentown, LLC © 2019. All Rights Reserved.

Sentinel is a trademark of Allentown, LLC. EAD is a registered trademark of Charles River Laboratories, Inc.

COMPONENTS

Bottle

Cage System with External Bottle Top
7.638 in x 5.669 in x 15.669 in
Floor space: 81 in²





Cage System with Micro Barrier Top
7.638 in x 5.669 in x 15.669 in
Floor space: 81 in²

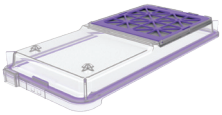


250 mL | .62 lbs (filled)
Item # PC250BCL + SLC250-200-NW[1]

Top



External Bottle Top
7.313 in x 4.173 in x 15.669 in | .95 lbs
Item # 230751-1 (without locks)
Item # 230751-2 (with locks)



Micro Barrier Top
7.313 in x 2.087 in x 15.680 in | 1.20 lbs
Item # 230617-1 (without locks)
Item # 230617-2 (with locks)

Cardholder



3 in x 5 in Vertical
Item # VH35P9-8
(also available in 3 in x 4 in
Item # VH34P9-8)



3 in x 5 in Horizontal
Item # HH35P9-8
(also available in 3 in x 4 in
Item # HH34P9-8)

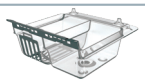
WBL / Feeder



Half Pocket Wire Bar Lid
Food capacity: .83 lbs
6.683 in x 3.415 in x 8.343 in | .46 lbs
Item # 316911



Dual PFT with Stainless Steel Grate
Food capacity: 1.88 lbs
6.683 in x 3.338 in x 8.330 in | .45 lbs
Item # 230763-1



Single PFT with Stainless Steel Grate (Hydropac®[2])
Food capacity: .94 lbs
6.683 in x 3.338 in x 8.259 in | .45 lbs
Item # 230764-1

Enrichment



Enrichment Loft
3.261 in x 2.710 in x 4.630 in | .10 lbs
Item # 316961



Safe Harbor Mouse Retreat™
2.520 in x 2.756 in x 4.488 in | .11 lbs
Item # K3583-RED



Mouse Mezzanine™
6.299 in x 2.756 in x 6.693 in | .19 lbs
Item # SZMEZZ

Cage



NexGen MAX Cage
7.628 in x 4.211 in x 14.997 in | 1.21 lbs
Item # 230620-1 (without automatic watering – shown above)
Item # 230620-2 (with automatic watering)

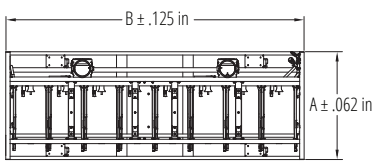
® Allentown, LLC © 2019. All Rights Reserved.

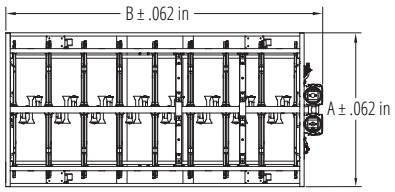
[1] Shorter sipper tube may be required – currently under evaluation. [2] The feeder / watering device is approved by Hydropac / Lab Products, Inc. for use with Hydropac® branded valves and pouches. All dimensions shown (Width x Height x Depth). All component data shown above are accurate as of publication date, but are subject to change without notice. Please consult with your Technical Sales Consultant before ordering to ensure accuracy.

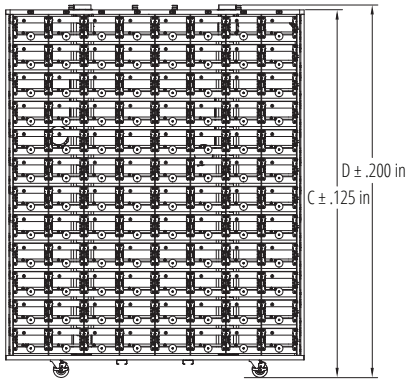
SPECIFICATIONS

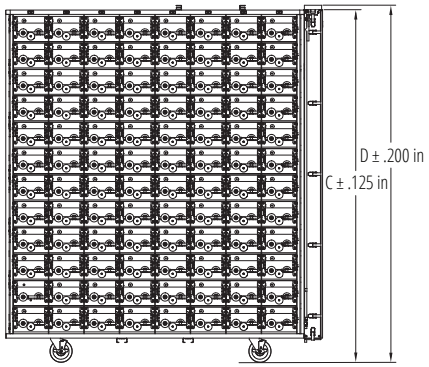
Size	Depth (A)	Width (B)	Height (C)[1]		Height (D)[1,2]		Matrix		Sides	Weights[3] (loaded)	Weights[3] (unloaded)	Animal Capacity	ACH	Supply Air	Exhaust Air (+)	Exhaust Air (–)	Energy Use	Heat Load
			3.5-inch Casters	5-inch Casters	3.5-inch Casters	5-inch Casters												
	in	in	in	in	in	in	Col.	Row		lbs	lbs			CFM	CFM	CFM	Watts	Watts
Standard Tier Spacing																		
60	24.5	51.688	70.64	72.14	71.76	73.26	6	10	1	485	335	300	50	10.9	8.7	13.0	14.9	13.5
70	24.5	59.750	70.64	72.14	71.76	73.26	7	10	1	536	361	350	50	12.7	10.1	15.2	15.7	14.1
80	24.5	67.812	70.64	72.14	71.76	73.26	8	10	1	587	387	400	50	14.5	11.6	17.4	16.4	14.7
120	35.0	55.857	70.64	72.14	71.76	73.26	6	10	2	691	391	600	50	21.7	17.4	26.1	19.2	17.4
140	35.0	63.919	70.64	72.14	71.76	73.26	7	10	2	793	443	700	50	25.4	20.3	30.4	20.6	18.6
160	35.0	72.000	70.64	72.14	71.76	73.26	8	10	2	894	494	800	50	29.0	23.2	34.8	22.0	19.8
66	24.5	51.688	77.09	78.59	78.21	79.71	6	11	1	516	351	330	50	12	9.6	14.4	15.4	13.8
77	24.5	59.750	77.09	78.59	78.21	79.71	7	11	1	572	379	385	50	14	11.2	16.7	16.2	14.5
88	24.5	67.812	77.09	78.59	78.21	79.71	8	11	1	628	408	440	50	15.9	12.8	19.1	16.9	15.2
132	35.0	55.857	77.09	78.59	78.21	79.71	6	11	2	752	422	660	50	23.9	19.1	28.7	20.0	18.0
154	35.0	63.919	77.09	78.59	78.21	79.71	7	11	2	864	479	770	50	27.9	22.3	33.5	21.6	19.4
176	35.0	72.000	77.09	78.59	78.21	79.71	8	11	2	976	536	880	50	31.9	25.5	38.3	23.2	20.8
72[4]	24.5	51.688	83.54	–	84.66	–	6	12	1	628	366	360	50	13.0	10.0	16.0	15.8	14.2
84[4]	24.5	59.750	83.54	–	84.66	–	7	12	1	659	396	420	50	15.0	12.0	18.0	16.6	15.0
96[4]	24.5	67.812	83.54	–	84.66	–	8	12	1	690	426	480	50	17.0	14.0	21.0	17.5	15.7
144[4]	35.0	55.857	83.54	–	84.66	–	6	12	2	921	404	720	50	26.0	21.0	31.0	20.9	18.8
168[4]	35.0	63.919	83.54	–	84.66	–	7	12	2	983	464	840	50	31.0	24.0	37.0	22.6	20.3
192[4]	35.0	72.000	83.54	–	84.66	–	8	12	2	1045	524	960	50	35.0	28.0	42.0	24.3	21.9
Reduced Tier Spacing																		
72[5]	24.5	51.688	78.58	80.08	79.70	81.192	6	12	1	611	350	360	50	13.0	10.0	16.0	16.8	15.1
84[5]	24.5	59.750	78.58	80.08	79.70	81.192	7	12	1	642	380	420	50	15.0	12.0	18.0	17.6	15.8
96[5]	24.5	67.812	78.58	80.08	79.70	81.192	8	12	1	673	410	480	50	17.0	14.0	21.0	18.4	16.6
144[5]	35.0	55.857	78.58	80.08	79.70	81.192	6	12	2	954	459	720	50	26.0	21.0	31.0	21.5	19.4
168[5]	35.0	63.919	78.58	80.08	79.70	81.192	7	12	2	1016	519	840	50	31.0	24.0	37.0	23.1	20.8
192[5]	35.0	72.000	78.58	80.08	79.70	81.192	8	12	2	1078	579	960	50	35.0	28.0	42.0	24.7	22.2

Note: a.) Airflow at sea-level b.) Rack weight without blowers, animals, bedding or watering c.) Airflow tolerance ± 10 % d.) Other configurations available.
[1] Height includes casters. Add 9.74 inches to 11.70 inches for rack mounted blowers [2] Height includes removable runners and collars [3] All weights are approximations
[4] 5-inch casters not offered in this configuration [5] Cages must be partially undocked to remove water bottle









Notes

Optional top panel

Optional bumpers may change dimensions

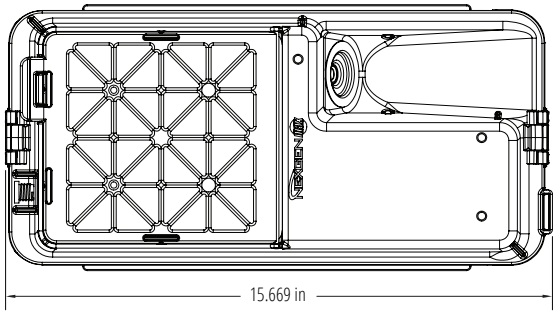
Multiple blower configurations

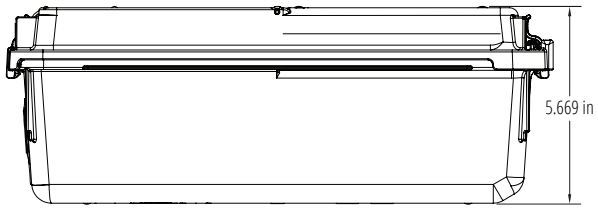
® Allentown, LLC © 2019. All Rights Reserved.

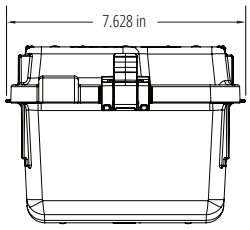
Allentown recommends that projects that have critical size, airflow, water or electrical needs be handled through approval drawings to insure all critical areas are addressed and have visibility throughout the team including, A&E, MEP and construction persons.

SPECIFICATIONS

External Dimensions

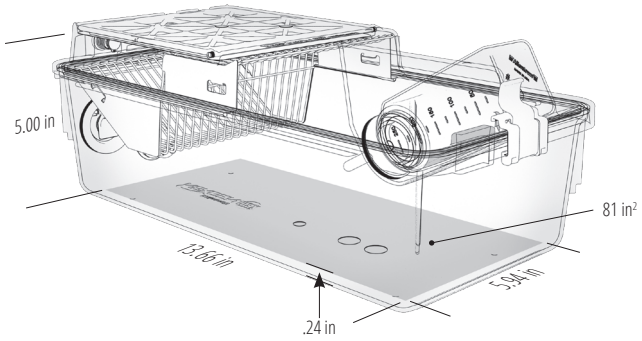




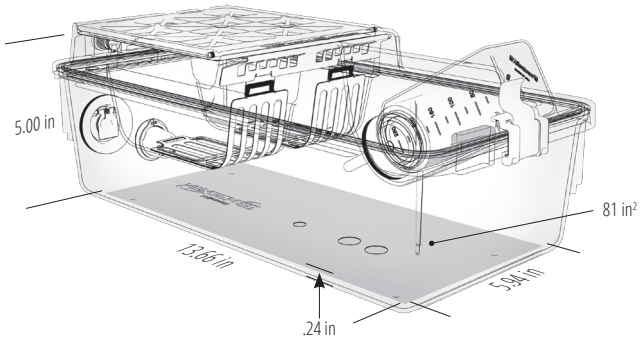


Internal Dimensions

Half Pocket



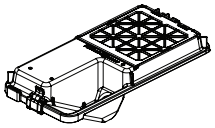
PFT

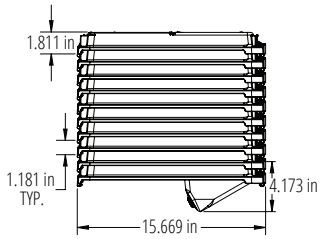


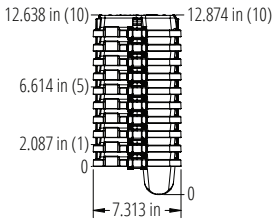
® Allentown, LLC © 2019. All Rights Reserved.

SPECIFICATIONS

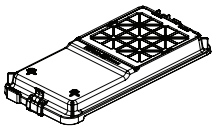
External Bottle Top

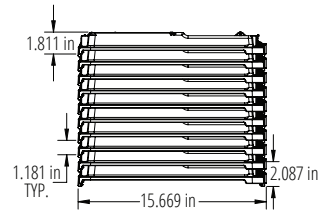


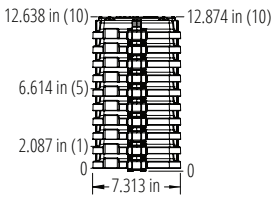




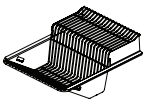
Micro Barrier Top

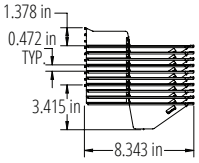


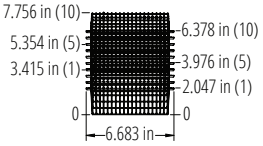




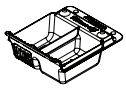
Half Pocket Wire Bar Lid

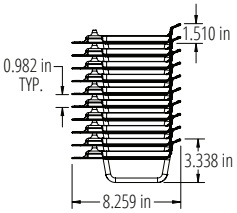


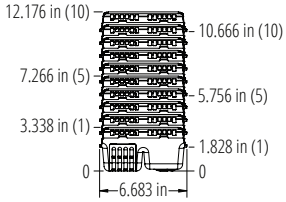




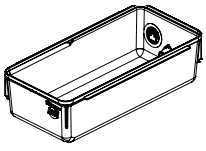
PFT

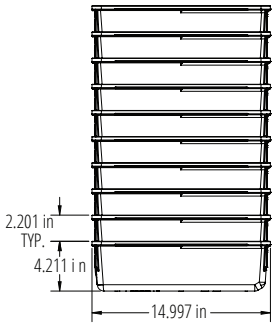


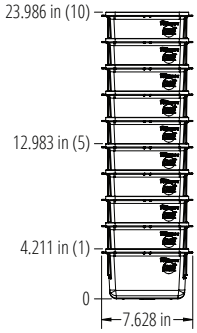




Cage







® Allentown, LLC © 2019. All Rights Reserved.

BETTER BUILT®

An Allentown company



T200 Series Tunnel Cage Washers

v4 © 09-2023

T200 Series Tunnel Cage Washers

The BetterBuilt T200 Series Tunnel Cage Washer is the result of a progressive approach to washer design – an approach that combines cleaning performance, ease of use and longterm durability to meet the demands of today's busy facilities.

Interior Trim Panels

T200 Tunnel Cage Washers are built with stainless steel trim panels to close the space between the interior side-wall and the moving conveyor belt. These panels prevent small items such as sipper tubes or bottle stoppers from falling into the washer sump.

Noise Reduction

The stainless steel mesh conveyor runs on a series of nylon guides, supported by a stainless steel frame. The nylon guides greatly reduce sound levels around the unit below 85dB and are in line with current worker safety recommendations.

Insulated Chamber and Treatment Sumps

The top, sides, and bottom of the washer cabinet and side access doors are fully insulated and lined with stainless steel to reduce heat loss and noise transfer.

Safety Features

- The load end and the unload end are equipped with E-stop buttons located on both sides of the conveyor. When one or more of these buttons are pressed, the entire washer stops instantly.
- The conveyor belt has a clutch system that releases belt tension, stopping forward movement when excess pressure is applied.
- All doors are equipped with contact sensors which prevent operation of the washer should any door not close prior to or open during operation.

Alkaline and Acid Compatible

All BetterBuilt washers have a stainless steel cabinet and circulatory system, containing no plastic or rubber connections. This makes the washer compatible with all alkaline or acidic detergents, and extends the operational life of the washer.



Removable Upper and Lower Spray Manifolds

Positive spring-loaded connections ensure the best possible spray pressure from the spray manifolds. These manifolds are fitted with nylon wheels and wheel guides so they can be easily removed for cleaning.

Cold Water Pre-Wash

An additional spray header arm is provided in the pre-wash section, which delivers added debris removal capabilities. A secondary benefit of this system is the reduction of steam vapor from the soiled end against the operator.

v4 © 09-2023

Touchscreen Control System

A microprocessor with 5" TFT color touchscreen interface monitors and controls all aspects of the washer cycles and process operations. Unique features include adjustable multi-tiered password access, advanced diagnostics, alarm and data logging, and parts list ID with visual reference to assist maintenance and troubleshooting.





Easy Access to Filter Screens

Screen basket filters in three locations are used to collect bedding and debris. All filters are accessible from the side of the unit and are easily removed for cleaning. The deep basket debris filters are formed from fine stainless steel mesh, trapping debris without restricting the wash / rinse solution flow.

Maintenance and Replacement Parts

A preventative maintenance program is required for warranty purposes and is available from a local service agent. All BetterBuilt washers use microprocessor program controllers for long life and ease of service diagnostics. All components are non-proprietary and are available from local suppliers or the factory.

Better Service

The main wash pumps and control valves are located on the side of the cabinet for easy access to reduce the cost of maintenance and repairs.

Sloped Belt for Dryer Section

The dryer section of the washer is provided with an inclined belt, facilitating the draining of water from washed items.

Optional In-line Bedding Dispenser

We offer an in-line bedding dispenser for automated cage filling. The system is designed to handle most common forms of bedding material. The BetterBuilt bedding dispenser can be connected to a material handling system to receive bedding dispensed from a remote location.

Optional Energy Saver Heat Exchanger

This in-line instantaneous heat exchanger decreases the amount of steam consumption and eliminates cold water consumption required for drain tempering.

Optional Forced Air Nozzles

The dryer section is provided with a unique system of forced air nozzles to disperse water droplets from cages.

Optional Integrated Bedding Dump Stations

We offer manual dump stations integrated to Sure-Flo, Sure-Vac, or garburator style technology.

Optional Automated Loading and / or Unload Systems

BetterBuilt T200 Tunnel Cage Washers can be fully automated with cage loading and / or unloading systems for high-volume applications. Tunnel Washers can integrate to Activ Automation solution for increased ergonomics, productivity, and reduce repetitive motion injuries.

v4 © 09-2023

T200 Series Tunnel Cage Washers

Application

The BetterBuilt T200 Series conveyorized Tunnel Cage Washers are automatic, heavy duty, high volume units designed to clean, sanitize and dry metal cages, plastic cages, water bottles in racks, pans and utensils used in the care and housing of research animals.

Note: Overall length is based on 36" load section, 36" pre-wash, 48" wash, 60" rinse and 48" unload section, and 96" dryer section. Custom sizes can be provided. Contact factory for details. Due to continued engineering improvements, specifications are subject to change without notice.

	Interior Chamber	Exterior Cabinet
MODEL	W x H	W x H x L
T224	24 x 24"	52 x 99 x 228"
	610 x 610mm	1320 x 2515 x 5791mm
T230	30 x 24"	58 x 99 x 228"
	762 x 610mm	1473 x 2515 x 5791mm
T236	36 x 24"	64 x 99 x 228"
	914 x 610mm	1626 x 2515 x 5791mm
T242	42 x 24"	70 x 99 x 228"
	1067 x 610mm	1778 x 2515 x 5791mm
T248	48 x 24"	76 x 99 x 228"
	1219 x 610mm	1930 x 2515 x 5791mm

Standard Features

- All stainless steel modular construction
- Stainless steel piping and components
- Insulated chamber and sumps
- Side-hinged chamber access doors
- Stainless steel conveyor belt
- Interior trim panels
- Automatic five-step cycle (includes optional dryer)
- Automatic solution level control
- Automatic fill and drain
- Hydraulic hold down
- 7.5 hp pump on T248 in both wash and rinse chambers (all other models - 5 hp pump)
- Wash and rinse temperature guarantee
- 180°F non-recirculated final rinse
- Cold water pre-wash spray header
- Drain discharge cool down
- Easily-removable spray headers
- Large debris baskets are easy to remove for cleaning
- Chemical injection ports, contacts and fittings
- Stainless steel sump steam coil heating
- Stainless steel ventilation dampers
- Multi-cycle microprocessor control system
- 8 fully-adjustable programmed cycles
- 7" TFT color touchscreen control panel
- Program security via PIN number access
- Built-in advanced diagnostics
- Emergency stop buttons at both ends
- Non-proprietary components

Optional Features

- Left or right side service access
- Barrier wall trim system
- Seismic anchoring system
- Water supply temperature booster
- Electric sump heating
- Energy saver heat exchanger
- Roller conveyor, gravity or powered
- Sloped belt in dryer section
- Forced air nozzles
- Regenerative blower w/heated or non-heated air knife
- Power exhaust blower
- Exhaust vapour condenser
- Automatic chemical injection pumps, time based
- Ph neutralization for effluent
- Shut off valves
- Water arrestors
- Automatic descale system
- Hand held spray c/w 10-ft hose
- Bedding dispenser
- Stainless steel control guard
- Ethernet connectivity to PLC or touchscreen
- Factory ethernet connectivity for online diagnostics
- Modem connectivity for factory diagnostics
- PLC and touchscreen program backup
- Compact flash card for data collection
- RS485 port for data download
- Thermal cycle data printer
- Printer cover
- Surge protection
- Clean side buzzer
- Sure-Flo integration
- Sure-Vac integration
- Activ monitoring
- ActivView or ActivView Lite integration

BETTER BUILT®

An Allentown company

® Allentown, LLC. All Rights Reserved.

WWW.ALLENTOWNINC.COM

www.nsc-betterbuilt.com

v4 © 09-2023

13.8 SITE PHOTOGRAPHS

LOOKING NORTH ON PARK LIVINGSTON HEALTH WALK



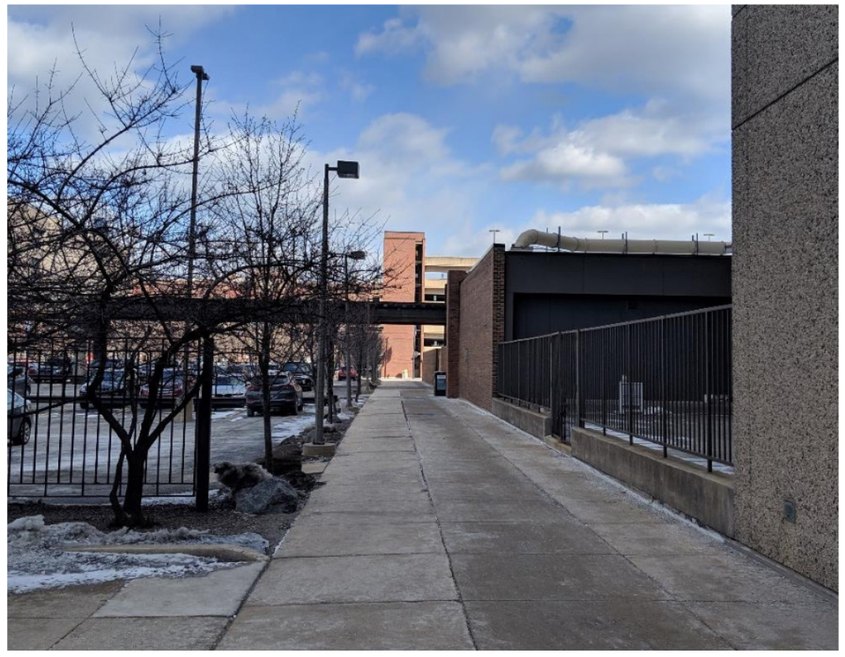
LOOKING EAST ACROSS THE DDCRP SITE



LOOKING WEST ACROSS THE DDCRP SITE



LOOKING EAST ALONG HOSPITAL EDGE



LOOKING WEST AT PHARMACY BUILDING (LOADING DOCK)



LOOKING EAST TOWARDS CTA STATION



13.9 OWNER'S PROJECT REQUIREMENTS

Capital Development Board
Building a Better Illinois

UIC

Owner's Project Requirements

UIC Drug Discovery and Cancer Research Pavilion

University of Illinois Chicago

Illinois Capital Development Board

CDB Project 830-030-167

Date: 3/27/2026

Version: 1.2

Table of Contents

PURPOSE AND INTENT **3**

PROJECT OVERVIEW **4**

Background 4

Key Drivers: 4

Key Goals: 4

Key project Requirements 5

Code requirements and building standards 5

Occupancy Requirements 5

Laboratory Design Principles 6

Building Lifecycle, Adaptability, and Future Expansion 6

SUSTAINABILITY REQUIREMENTS **7**

LIFE CYCLE COST ANALYSIS 8

DESIGN & PERFORMANCE GOALS **9**

MECHANICAL SYSTEMS 9

VENTILATION REQUIREMENTS 9

THERMAL ZONING 10

HYDRONIC SYSTEMS 10

CHILLED WATER SYSTEM 11

ACOUSTICAL REQUIREMENTS 11

BACKUP EQUIPMENT (N+1 OR DUPLEX) 11

DISALLOWED EQUIPMENT (WITHOUT VARIANCE) 12

ELECTRICAL SYSTEMS 12

LIGHTING SYSTEMS 12

PLUMBING SYSTEMS 14

FIRE SUPPRESSION SYSTEMS 15

FIRE ALARM SYSTEM 15

BUILDING AUTOMATION SYSTEM 15

UTILITIES REQUIREMENT 16

TECHNOLOGY SOLUTIONS 18

SECURITY & ACCESS CONTROL 19

GROUNDS 19
ENVIRONMENTAL HEALTH & SAFETY (EHS) REQUIREMENTS 20
BUILDING ENVELOPE REQUIREMENTS 21
QUALITY ASSURANCE AND COMMISSIONING ACTIVITIES 23
COMMISSIONING REQUIREMENTS 23
BUILDING OCCUPANT AND O&M PERSONNEL REQUIREMENTS 25
FACILITIES MANAGEMENT REQUIREMENTS 25
CMMS & BAS REQUIREMENTS 26
O&M TRAINING 27
APPENDICIES 29
APPENDIX A: ACCEPTABLE MANUFACTURERS 29
APPENDIX B: LEED REQUIREMENTS 31
Meetings: 31
Submittals: 32

PURPOSE AND INTENT

The purpose of this Owner's Project Requirements (OPR) is to clearly document the design, performance, and operational goals expected to be met by the Drug Discovery & Cancer Research Pavilion (DDCRP). The OPR establishes the baseline for design, construction, and commissioning and serves as the primary reference for evaluating and verifying building performance throughout the project lifecycle. As a living document, it may be updated as project decisions evolve and as additional information becomes available.

The OPR includes requirements that are more stringent than the general UIC Building Standards due to the specialized nature of research and laboratory functions within the DDCRP. Where conflicts arise, the OPR shall take precedence over campus building standards unless specifically approved otherwise by UIC. The UIC Building Standards remain the baseline framework, but the OPR defines enhanced expectations for performance, safety, reliability, and system integration.

The design team will develop a Basis of Design (BOD) document in direct response to the OPR. The BOD describes how the proposed building systems meet the Owner's requirements, outlines design intent and assumptions, and shall be updated at each design submission to confirm alignment between the OPR and the design solution.

Hierarchy of Project Requirements

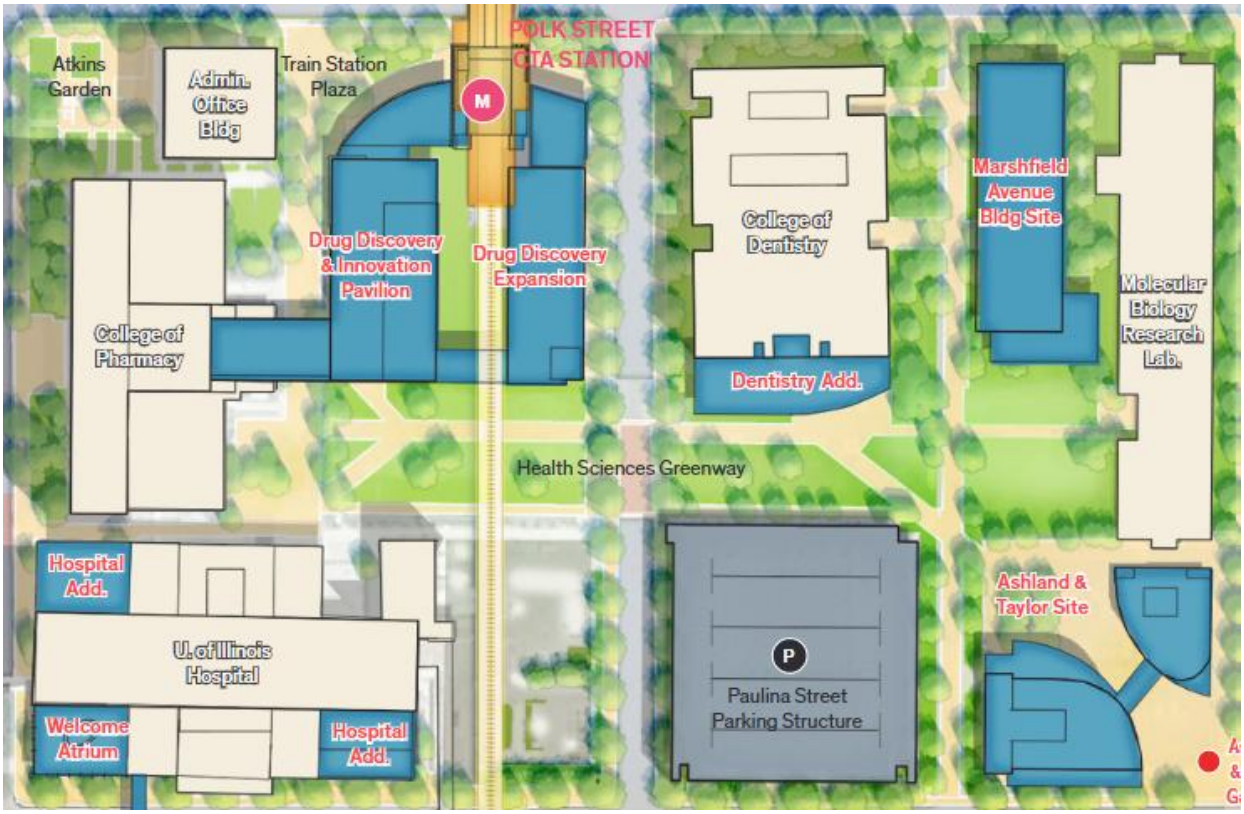
1. Code requirements and AHJ directives
2. Owner's Project Requirements (OPR)
3. UIC Building Standards
4. Basis of Design (BOD)
5. Contract Documents (Drawings & Specifications)

Any conflict shall be resolved in the order listed above.

Table 1: Summary of OPR Revisions

Version:	Date:	Revision Notes
0.9	11/20/25	Initial OPR Prepared
1.0	01/30/26	OPR Revision 1
1.1	03/12/26	Aligned with Bridging Team Comments
1.2	03/27/26	Aligned with 2026 Stretch Energy Code Requirements

PROJECT OVERVIEW



Background

The DDCRP provides advanced laboratories, vivarium facilities, core research spaces, and offices to support interdisciplinary collaboration in drug discovery and cancer research. The project consolidates research groups and aligns with UIC's mission to promote translational biomedical innovation.

Key Drivers:

1. Flexible, modular laboratory design
2. High energy and water efficiency
3. Resilient and redundant systems
4. Enhanced indoor environmental quality
5. Integration with campus utilities and BAS systems
6. Design & Performance Goals

Key Goals:

The Design-Build Team shall develop the project to achieve a predicted whole-building Energy Use Intensity (EUI) not exceeding 290 kBtu/sf-yr. The CDB/UIC LEED target performance is 250 kBtu/sf-yr or less (ASHRAE 90.1-2010 Appendix-G), with an aspirational stretch goal of 180 kBtu/sf-yr or lower following Illinois Energy Conservation Code 2024 methodology for state funded facilities.

1. Maintain lab temperature 72°F ±2°F, 45–55% RH
2. Maintain CO_2 < 800 ppm (occupied)
3. Achieve LEED Gold certification

Key project Requirements

There are a number of imperatives and objectives that will be met through the construction of a new DDCRP building, including the ability to:

- Create a research and instructional experience that supports the mission and vision of the school and department
- Enhance the department's identity and ability to expand its current reputation as a top program
- Meet UIC Building Standards and applicable codes.
- Address growing need for funded research space
- Build state-of-the-art facilities and equipment.
- Provide N+1 redundancy for critical HVAC/power/vivarium systems.
- Integrate flexible infrastructure to accommodate evolving technologies
- Ensure flexibility for future program changes.
- Enhance distance learning and other supporting technologies
- Free up previously used spaces within the existing building for other uses
- Ability to host symposiums and featured speakers

Code requirements and building standards

The project will be designed in accordance with all applicable Codes, Standards and Authorities having jurisdiction, the Underwriter's Laboratory and in accordance with current engineering practices.

The project will also comply with the most current UIC building design and construction standards. Standards are located via https://pspm.uic.edu/codes-and-standards/

This project will also comply with the most current Illinois Stretch Energy Code as a State Funded Facility, per 20 ILCS 3125.

The construction documents shall include additional electrical infrastructure as may be required for state electrification readiness requirements.

Occupancy Requirements

The primary purpose of the DDCRP will be for the use of students and faculty. The functional use common to most user groups include:

- Lobby – Welcome space as the new entrance to the research buildings.
- Specialty Spaces – Include spaces for offices, computer lab, instructional spaces and staff lounges.

- Conference / Seminar rooms - Adequate meeting space for the various groups is required for efficiency of activities and to simplify scheduling issues.
- Storage space - Lockable storage space is a necessity for each individual and each group within the building.
- Corridors – Corridors on each floor provide efficient movement throughout the building and between the building user areas. The corridors should be designed to prevent blind corners and collisions and be wide enough equipment to pass.
- Public restrooms – Public restrooms are needed for use by any building occupant or visitor. The restrooms must be conveniently located, clearly marked, and accessible.
- Custodial space – Closets or other designated custodial areas are needed on each floor to allow the janitorial staff to efficiently perform their duties without interruptions or inconveniences to other building staff.
- Mechanical rooms – Space must be designated within the building to allow for installation of mechanical equipment. This space should be optimally located to allow the simplest and most efficient mechanical design.
- Electrical/communications space –Building must contain adequate space for installation of electrical and communications equipment. These spaces must be coordinated with the Communications department to ensure that all user technology and utility needs are met.
- Building Occupancy Periods: All areas unless otherwise noted shall be designed for the following occupancy:
    - 24x7 for labs and vivarium; standard business hours for offices.
    - Peak expected building occupancy: approximately xxx people.

Laboratory Design Principles

- Safety and containment take precedence over aesthetics or architectural convenience.
- Maintainability and service access shall override architectural concealment.
- Laboratory HVAC systems shall remain physically and functionally independent from office systems.
- No design shall reduce lab exhaust or lab pressurization stability for energy savings.
- All laboratory environments shall allow future reconfiguration without major demolition.

Building Lifecycle, Adaptability, and Future Expansion

- The proposed facility's life expectancy should be at least 60 years. As this exceeds the typical expectancy of many building systems, accommodation should be made for replacement and renewal.
- The facility should be designed to allow for future expansion and adaptation. Things to be considered include: Building Layout, Electrical and Telecom capacity, Mechanical system capacity or expandability

SUSTAINABILITY REQUIREMENTS

The project shall achieve LEED v4 Gold Certification through building and site design, without reliance on owner policy or purchases. A LEED strategy shall be developed with adequate contingency. The Design-Build Team shall be required to provide all LEED submittals, calculations and supporting documentation to obtain LEED Gold Certification. Detailed LEED requirements are found in Appendix B.

The Integrative Design Process starts in pre-design and continues throughout the design process, with outcomes documented in the OPR/BOD. It must adhere to the Capital Development Board's Design-Build requirements, and align with UIC Climate Commitments; implement energy/water efficiency and low-toxicity materials strategies. Refer to building standards 01 81 13 Sustainable Design and LEED Standards

The design shall prioritize passive energy reduction through building massing, envelope, and fenestration to reduce equipment capital cost and spatial requirements. It shall incorporate energy recovery as to further reduce energy demand and consumption.

Metering

Provide submeters for:

a. Chilled water
b. Heating hot water
c. Steam
d. Electrical loads
e. Domestic water
f. RO/DI systems
g. Renewable Energy

Envelope Commissioning

Building envelope testing to be performed shall be specified by the Design-Build team in direct consultation with Commissioning Professional, subject to final review and approval by CDB. The building enclosure testing scope shall be managed by the Commissioning Professional who shall develop and maintain a building enclosure testing matrix as part of the Commissioning Plan. This matrix will be in a format appropriate to provide potential testing agencies guidance for scoping purposes and coordination with the Design-Build Team. See building envelope section for more details. Testing scope will include the following at a minimum:

a. Mock-up testing.
b. Below grade water proofing
c. Below slab vapor barrier
d. Exterior walls and joints
e. Storefront and Curtainwall Window Systems
f. Roofing Systems
g. Air Barrier testing via Blower door / compartmentalized

Monitoring-Based Commissioning (MBCx)

Monitoring-based commissioning will be established and ongoing to verify system operations align with energy performance and indoor environmental quality targets. MBCx will include the following:

a. BAS must export trend data for continuous analytics and fault detection.

LIFE CYCLE COST ANALYSIS

Life cycle cost analysis (LCCA) should be used as a supportive tool in design decisions, alongside professional engineering knowledge and judgment. LCCA is valuable for comparing the long-term ownership costs of two or more equally feasible design options, and its results should be considered as important inputs in the decision-making process.

That said, LCCA must not be the sole basis for selecting a design. The ultimate responsibility lies with the expertise of the design professional—or ideally, a team of professionals—who can weigh both numerical and non-numerical factors. LCCA results are only as reliable as the assumptions behind them, which may be uncertain or subjective (e.g., future energy prices).

Some critical factors cannot be quantified, such as system reliability or the consequences of equipment downtime. While installed cost is small compared to lifetime operating cost, it is often overlooked that operating cost itself is outweighed by performance outcomes like occupant productivity and research quality. These outcomes cannot be easily expressed in numbers, but their value is significant and must be given appropriate weight in the decision process.

DESIGN & PERFORMANCE GOALS

MECHANICAL SYSTEMS

VENTILATION REQUIREMENTS

a. All HVAC systems must provide mechanical ventilation in compliance with: International Mechanical Code (IMC), ASHRAE Standard 62.1, and Campus Building Standards.
b. All air handling units (AHUs) shall be fan wall or fan array per campus building standards 23 73 23.
c. No AHU/DOAS/RTU shall have factory-provided package controls. All temperature control shall be field-installed per 23 09 23 & 25 00 00.
d. Natural ventilation is not allowed.
e. Access from the building interior to roof mounted air handling equipment must be adequate to facilitate anticipated maintenance and repair activities. Full size interior or exterior stairs are required to satisfy this requirement. Ladders, platforms, and walkways are to be provided as required to provide safe and convenient transport to roof-mounted equipment access points. Provide requirements for transport of boxed air filters given and other difficulty to handle or bulky items.
f. Air handling units in variable air volume (VAV) systems are to use of air blending devices located within air handling units and/or mixed air plenums. The length of airflow downstream of the device is to be greater than the manufacturer's published minimum.
g. All ductworks shall be ducted. No plenum returns are permitted anywhere within the building, regardless of occupancy type.
h. All Lab exhaust shall be stainless steel ductwork.
i. Air Handling unit: The air handling unit(s) shall be variable air volume, medium pressure unit(s) with direct drive supply and return fan arrays with premium efficiency motors and each fan controlled by a dedicated variable frequency drive, economizer Section, mixing box, filter Section with 30% (MERV 8) pre-filters and 85% (MERV 13) final filters, hot water preheat coil with circulating pump(s), and chilled water cooling/ dehumidification coil. Outside air, relief air, return air and supply air streams shall be equipped with air flow measuring stations. Electronically Commutated Motors (ECMs) are not acceptable.
j. Humidification shall be provided centrally at the AHU level or in mechanical rooms. In-space or ceiling-mounted local humidifiers are not permitted unless specifically approved by UIC. Vivarium applications may be excepted where required by final design and approved by UIC. Humidifier valves and appurtenances shall be located for safe service access
k. Return air shall volumetrically track supply air and relief air shall volumetrically track outside air to maintain a slight positive building pressure. All air handling unit systems shall be provided with 100% outside air economizer cycles for free cooling. All outside air shall be preconditioned through the use of a heat recovery device so as to capture and reuse waste heat. Variable air volume type air handling units shall distribute supply air (55°F) to room terminal control units through a medium pressure round/flat oval duct system. Each zone shall be provided with a

room terminal control unit for independent space temperature control. The terminal control units shall be equipped with hot water heating coil.

l. Individual terminal units with ducted supply and return air system to ceiling supply air diffusers shall be provided for each room. These units shall be selected to maintain the desired indoor temperature conditions. All air-moving equipment and ductwork shall be installed in accordance with requirements of SMACNA and ASHRAE.
m. Exhaust fans shall provide code required exhaust and general exhaust for restrooms, locker rooms, garage ventilation, mechanical rooms, and kitchen. The makeup air for the exhaust shall be provided by building air handling unit.
    a. Default fume hood diversity assumed 85%, confirm final design with UIC requirements.

The design professional shall specify the qualifications and procedures required for a completely balanced system. The test and balance contractor shall be managed by a Professional Services Consultant not affiliated with the Design-Build Team

THERMAL ZONING

a. Each occupied space must be a separate zone for temperature/airflow control.
b. Minimum one terminal air-side control unit per occupied space (e.g., vav with reheat).
c. Exterior zones require a separate heat source sized to offset envelope losses.
d. Each occupied space must have at least one thermostat.
e. Public/assembly spaces (lobbies, atria, receptions) count as occupied zones

HYDRONIC SYSTEMS

a. Use central non-potable water-based systems for heating/cooling.
b. Two independent hot water heating loops per building:
c. Reheat coils (year-round service).
d. Preheat/perimeter heating (glycol-based, seasonal)
e. Include heat exchangers, 2+ pumps, expansion tank, air/dirt separator, bypass filter.
f. Perimeter/preheat loop: 30% ethylene glycol.
g. Reverse return preferred; direct return acceptable with oversized mains/risers.
h. Avoid balancing valves at terminal devices (reduces valve authority).
i. Use venturi devices with test plugs for diagnostics.
j. Provide balancing valves for parallel devices (e.g., stacked ahu coils). Not required with pressure-independent control valves.
k. Minimum flow rate: 30% to protect boilers, chillers, pumps, and VFDs.
l. Preheat coils require a dedicated pump and bypass loop for constant flow.
m. VFD pumps controlled by DP sensors at a hydraulically remote point (may need multiple transmitters).
n. Static pressure monitoring at the highest return main point.
o. Standalone zoning for vestibules and similar heated spaces.
p. 100% redundancy for critical hydronic equipment (chillers, boilers, hx, pumps).
q. Pump requirements: ≤2 hp inline, ≥3 hp base-mounted, >6 in. Inlet double-suction split case.
r. Only quarter-turn ball or butterfly valves (globe valves only for throttling).

s. Provide isolation valves at each equipment and branch line (with vents/drains at floors).
t. Provide in-line coalescing air/dirt separator with blowdown to bypass bag filter.
u. No pump over-speeding; must operate at 60 hz rated speed.

CHILLED WATER SYSTEM

a. Buildings near the campus chilled water system must connect to it (new and renovation projects).
b. Systems must be compatible with campus distribution.
c. Heat exchangers required to isolate central system from equipment with hoses/quick connects.
d. Not required for ahu coils, FCUs, and small room coolers.
e. Microchannel condenser chillers must not connect directly.
f. Spaces needing 24/7 cooling must have dedicated units (preferably central CHW).
g. Includes: elevator rooms, mechanical equipment rooms, electrical rooms, server rooms, a/v rooms.
h. CHW coils must be designed for 43°f entering / 59°f leaving water temps, 16°f δt maintained.
i. PTACs and packaged AC are disallowed unless approved by PSPM.
j. DX systems not allowed if the CHW system is available and expandable.

ACOUSTICAL REQUIREMENTS

Design to control noise generated from the HVAC system, including central systems, ductwork, unitary units, and room air distribution, which may create an environmental distraction to the occupants.

a. Provide speech privacy
b. Control HVAC noise in occupied spaces
c. Control noise at the HVAC equipment rooms
d. Control noise for major outdoor HVAC equipment
e. Target Interior Noise Levels
    i. Labs- NC 35-40
    ii. Offices: NC 30-35
    iii. Conference Rooms: NC 25-30
    iv. Mechanical Rooms: NC 45-55

BACKUP EQUIPMENT (N+1 OR DUPLEX)

a. Steam/HW heat exchangers (independent systems or single combined systems).
b. Hydronic and steam condensate pumps.
c. Hazardous fume exhaust fans.
d. HVAC for critical laboratory equipment.
e. HVAC for research animals.
f. HVAC for data centers.
g. Lab air compressor system (N+2)

DISALLOWED EQUIPMENT (WITHOUT VARIANCE)

a. Window air conditioning units.
b. Packaged terminal air conditioners (PTACs).
c. Dx split systems (without PSPM approval).
d. VRF systems.
e. Commercial rooftop packaged units.
f. Packaged HVAC with factory controls.
g. Fin tube heating (without PSPM approval).
h. Fan-powered boxes, blower coils.
i. Two-pipe combination heating/cooling systems.
j. Belt-driven systems

ELECTRICAL SYSTEMS

a. The electrical distribution system shall be 480/277 volt, three phase, four wire from the main switchboard to panelboards throughout the building. The main switchboards will contain molded case, electronic-trip circuit breakers and Owner-metering equipment, as well as ground fault protection on the main circuit breakers and surge suppression devices.
b. Dry type transformers shall be provided to supply 208/120 volt, three phase, four wire service to panelboards throughout the building. Panelboards and transformers shall be installed locally throughout the building to minimize voltage drop on branch circuits.
c. Provide a standalone emergency generator with Automatic Transfer Switch (ATS) equipment.
d. Generator shall be sized at 125% of calculated peak emergency load with minimum 20% future capacity..
e. All ATS units shall be capable of closed-transition and bypass–isolation type, allowing safe maintenance, testing, and service without loss of power to emergency circuits or critical loads.
f. The main–tie–main (MTM) switchgear configuration shall include an Automatic Throw-Over (ATO) PLC with capabilities for closed-transition source-to-source testing.
g. All building grounding, including equipment grounding, shall utilize a Hogan ground system to ensure uniform grounding resistance and compliance with UIC electrical safety standards.
h. No conduits shall be encased in concrete in slabs, decks, or structural elements.
i. Mineral-insulated (MI) cable shall not be used anywhere on the project.
j. Electrical panels serving loads intended for energy monitoring shall be dedicated to a single end-use category to the greatest extent possible (e.g. lighting, receptacles, HVAC, process, plug, etc.) Where mixed loads are unavoidable, sub-metering or branch-circuit metering shall be provided.

LIGHTING SYSTEMS

General lighting and mechanical equipment shall be served at 480/277 volts and receptacles and office equipment shall be served at 208/120 volts.

<u>Requirements:</u>

a. The electrical systems shall incorporate energy efficient options.
b. A central lighting control system will be provided for lighting throughout the building.
c. Lighting shall be LED throughout.
d. Automatic controls consisting of vacancy and/or occupancy sensors shall be utilized to the maximum extent possible.
e. Reduce the overall LPD of the building by 30% under ASHRAE 90.1-2012
f. Lighting- controls should meet the requirements of ASHRAE 90.1-2012 and include daylight controls near windows and vacancy or occupancy sensors for at least 75% of the connected load.
g. Multi-occupant spaces should have individual, dimmable lighting controls, including conference rooms and flex space programs.
h. Daylighting is an important element and Interior walls are composed of large areas of glass to enable daylight to penetrate into the building core.
i. The lighting systems will need to be well balanced in order to respond to the goals of including high levels of daylight to ensure that spaces feel inviting and comfortable and to meet the needs of occupants.
j. Emergency lighting shall be provided throughout the building for all emergency egress paths and in public rooms and exhibit processing and storage areas. Emergency lighting circuits shall be connected to the on-site emergency generator power system.
k. Automatic lighting shutoff shall not be installed in electrical rooms, mechanical rooms, or elevator machine rooms. Automatic lighting shutoff shall not be installed in laboratories or workshops if automatic shutoff would endanger the safety or security of the room or building occupants. Automatic lighting shutoff shall not be installed in other spaces where automatic shutoff would endanger the safety or security of the room or building occupants. A list of all spaces being exempted from automatic lighting shutoff based on safety and security concerns shall be submitted and reviewed with the University during project design.
l. Power Distribution Acceptance Tests to include NETA testing per UIC Standards 26 08 12 Power Distribution Acceptance Testing, including:
    a. 600V and MV Cables, including thermographic survey and insulation resistance test
    b. MV distribution and protective relays
    c. Electrical Metering
    d. Generator(s) including insulation resistance testing per IEEE Standard 43 and vibration baseline test
    e. Small, dry type transformers including thermographic survey and insulation resistance testing
    f. Large, dry type transformers, including thermographic survey, insulation resistance, winding resistance, power factor dissipation, turns-ratio, and excitation current tests
    g. Low-Voltage Switchgear and Switchboard Assemblies, including instrument, control, and potential transformers, thermographic survey, control wiring insulation resistance, bus joint and insulation resistance, over potential, and primary current injection testing
    h. Low Voltage Circuit breakers, including thermographic survey, contact resistance, insulation resistance, and primary injection testing

i. ATS, including thermographic survey, contact resistance, and insulation resistance testing
j. Motor Control Center, including bus joint and insulation resistance and control wiring insulation resistance

Ground Falt Protection Systems and Grounding Systems

RENEWABLE ENERGY SYSTEMS

Photovoltaics and any required energy storage systems to be provided per requirements of most current Illinois Stretch Energy Code.

Inverter Requirements:

a. Shall support open protocol communication (Modbus TCP minimum)
b. Shall support SunSpec protocol
c. Shall allow local data access without cloud dependency
d. Shall be compatible with BACnet integration via gateway or native
e. Shall not require proprietary cloud-only monitoring platforms
f. Inverter warranty shall be minimum 10 years, extendable to 20 years.

PLUMBING SYSTEMS

A complete system of plumbing shall be provided throughout the building to comply with the requirements set forth in the program and installed in strict accordance with all applicable codes.

Requirements:

g. Lavatories shall be metered 0.5 GPM and have exposed hard-wired sensors.
h. Urinals shall be 0.125 GPF
i. Water Closets shall be 1.28 GPF
j. Single handle sink shall be 1.5 GPM
k. The facility shall include a central laboratory air compressor system designed with N+3 redundancy to ensure continuous operation for research activities.
l. Oil-less compressor technology only
m. Dryers, tanks, and distribution designed per laboratory process requirements
n. Monitoring and alarm integration with BAS
o. Isolation valves and bypasses for equipment service
p. Provide a centralized Reverse Osmosis (RO) + Deionized (DI) water system serving laboratory and vivarium functions.
q. RO skid, storage tanks, distribution pumps, and polishing DI modules
r. Loop circulation to maintain water quality and prevent stagnation
s. Redundancy for critical components (pumps, controls, filtration)
t. Conductivity monitoring and BAS integration for alarm conditions

u. Floor drains and containment for equipment areas

FIRE SUPPRESSION SYSTEMS

The building shall have a full sprinkler system. The fire protection system design shall comply with the most current editions of all applicable NFPA standards and the Illinois State Fire Marshal requirements. The previous edition references (NFPA 13 2010, NFPA 14 2010, NFPA 20 2010, etc.) shall be updated to reflect the latest published editions at the time of design. System design shall be coordinated with the UIC Fire Marshal for confirmation of current standards and acceptance testing requirements.

Requirements:

a. All materials and equipment must be FM approved and listed for use in fire protection systems.
b. All wet system piping shall be black schedule 40 threaded.
c. Drain piping shall be schedule 40 galvanized.
d. New sprinklers shall be quick response type.
e. All sprinklers shall be centered in both directions of acoustical tiles.
f. All sprinklers within a compartment must be of the same type. Quick response and standard response sprinklers shall not be mixed within the same compartment.

FIRE ALARM SYSTEM

The fire alarm system shall comply with the authorities having jurisdiction.

a. All fire alarm components shall include addressable field devices, and multiplexed, programmable, operator interface panels.
b. Fire Command Center shall include fire alarm annunciator panel, one-way voice and two-way voice panels, elevator status panel, air handling status panel, emergency system status panel, fire pump and fire protection device status panel, stair door unlocking controls, detailed fire alarm drawings and zone map, etc. as required by the authority having jurisdiction.
c. Notifier shall be the only approved fire alarm system manufacturer for this building.
d. The fire alarm system shall include an Elevator Communication System Panel located at the building Fire Command Center, in accordance with the latest IBC and NFPA 72 requirements. This panel provides direct communication between elevators and emergency personnel and is now standard for all new UIC buildings. Coordinate equipment selection with UIC IT (Greg, Technology Solutions) to ensure consistency with the model used in recent Buildings.

BUILDING AUTOMATION SYSTEM

The building automation and control system (BAS) also referred to as the building management system (BMS) shall be microprocessor controlled DDC with complete simultaneous monitoring and alarm capability. The systems' sensors and controllers shall be electronic. Each mechanical room or mechanical unit shall have standalone microprocessor based DDC monitoring, and field control panels with sufficient input/output to monitor and control required temperature, humidity, and flow. Field panels

will be networked to a remote console personal computer to perform energy management, diagnostic and monitoring functions. The systems' sensors and controllers will be electronic. Actuators for valves and dampers will be electronically controlled. Room thermostats will be electronic. BAS system shall be fully BACnet compatible.

Requirements:

a. **The BAS shall comprise Tridium N4 JACE 9000 controllers integrated to a campus-wide Tridium N4 supervisor.**
b. **Acceptable manufacturers for field-level controllers shall be Alerton and Distech with fully open BACnet License.**
c. The system integrators and contractors must be factory-direct, authorized, and trained by the system manufacturer to furnish, engineer, install, test, calibrate, and deploy this system.
d. The DB team shall develop a full systems integration matrix listing all mechanical, electrical, plumbing, life-safety, metering, and specialty system points to be integrated with BAS. Matrix must be submitted at 50% and 100% CD.
e. All Control Valves shall be Pressure Independent Characterized Control Valves (PICCV) at a minimum and shall be energy valves on all major mechanical equipment.
f. Individual spaces should include occupancy sensors to reduce the energy consumption from lighting in the building.
g. The building automation system shall reside on its own network and not rely on other IT infrastructure.
h. Control to be based on BAS architecture consisting of communication network, user workstations, and modular designed DDCPs with all points addressable and modifiable from user workstations or from master DDCP user interface panels. BAS shall be fully stand-alone and shall communicate via BACnet communications protocol.
i. The BAS shall be integrated to the UIC campus LAN/WAN via a non-firewalled network segment reserved solely for BAS systems by the University.

UTILITIES REQUIREMENT

The Design-Build Team shall coordinate all utility services with UIC Utilities & Energy Management. All new utility connections shall comply with campus standards, available capacity, and long-term maintainability expectations.

Requirements:

a. All utilities, including but not limited to Steam, Chilled Water, and Electrical, shall be connected to campus utilities.
b. None of the utilities shall be directly buried without prior approval from UIC utilities. The utility lines that enter the building shall be located in a walkable utility tunnel.
c. Provide projected peak and diversified loads for all utilities during early design development.
d. Provide dedicated, revenue-grade metering for the following systems per the campus standards:
    a. Steam

i. The steam meter shall be sized to accurately measure 100% of the steam flow to the building, including both high and low use periods.

b. Chilled Water
   i. The chilled water meter shall have matched pair RTD temperature sensors and Modbus RS-485 communications.

c. Electrical
d. Generator
e. Domestic Water
f. Natural Gas (if used)

e. All new metering equipment shall include OEM factory start-up.
f. For energy analysis, use utilities rates for FY26:
   a. Electric – $0.10115 /kwh
   b. Steam- $12.22386
   c. Chilled Water-$ 15.66487/MMBTU
   d. Condensate- $ 3.5671
   e. These rates will be used for:
      i. Energy Modeling (LEED, code compliance, performance evaluation)
      ii. Life-Cycle Cost Analysis (LCCA)
      iii. Utility cost comparison for system alternatives
      iv. Carbon projections (if needed for CCAP24)
   f. UIC agrees to supply FY27 utility rates no later than the early design development phase after July 1, 2026.
   g. Provide site drainage, stormwater detention, and green infrastructure in compliance with MWRDGC and UIC standards. Confirm sewer capacity and backflow prevention requirements.
   h. Metering Systems Installation:
      i. All utilities meters shall be tied directly into campus utilities portal utilizing a dedicated Tridium JACE. This JACE shall not be used for building automation systems.
      ii. All new metering systems shall be provided, wired and installed by the project controls contractor.
      iii. UES personnel shall inspect and accept or reject all new revenue-grade metering systems.
      iv. Integration of new meters to UES systems shall be provided by the UES-designated utilities system's integrator hired by the user agency.
   i. Electric Metering Systems
      i. All new electric metering shall be revenue-grade.
      ii. Metering shall be Electro Industries Shark 250 Meters with ethernet communications.
      iii. Metering shall be capable of metering the entire site load including emergency feeds.
      iv. New meters shall be stand-alone from any metering provided or integral to new gear.

v. New revenue grade current transformers shall be installed on new gear and sized for 80% of rated gear amperage.
vi. Electrical design shall allow for submetering and data access, as required to support LEED energy metering and advanced energy metering credits, including the ability to separately monitor major end uses and building systems.

j. Steam Metering Systems.
   i. Metering shall be Spirax Sarco ILVA with a Scanner 2000 flow transmitter. Scanner 2000 to include Modbus RS485 and 4-20ma output signals.
   ii. Metering shall include temperature and pressure compensation
   iii. Steam service shall include a parallel feed and necessary valves to allow for steam meter isolation without a steam shutdown for future service and maintenance.
   iv. Steam meter shall be sized to meter 100% of the design rated flow
   v. Steam service entrance to include straight runs of 10 pipe diameters upstream and downstream of installed meter location
   vi. Prototypical drawing to be provided by UES.
k. Condensate Metering Systems.
   i. Metering shall be ABB Process Master Magflow inline flow meters with
   ii. Metering shall also include a separate temperature and pressure sensor transmitters downstream of metering installation
   iii. New flow meter shall include Modbus RS485 communications
   iv. New metering shall be installed in a horizontal run in a U trap configuration with check valve upstream of the new flow meter. Prototypical drawing to be provided by UES.
   v. Condensate pumps shall be automatic steam powered condensate pumps.
l. Chilled Water Metering Systems
   i. All new chilled water metering shall be Flexim F731 ultrasonic dual channel flow meter
   ii. Flexim transducers shall be mounted in stainless steel mounting tracks. One additional spare and empty set of mounting tracks to be installed and provided for future testing.

TECHNOLOGY SOLUTIONS

The design shall provide comprehensive network, communication, and emergency technology infrastructure supporting wired, wireless, and life-safety systems throughout the facility. All work shall comply with UIC Division 27 – Communications and current Technology Solutions (TS) standards.

Design & Coordination Requirements:

a. Provide full Wi-Fi coverage; all layouts to be reviewed and approved by TS Wireless Engineering.
b. Utilize Category 6A cabling for all wired network connections and provide underground ductbank to connect to Campus Node 1 at 1140 S. Paulina.

c. Coordinate with TS (Tom Wiese) to determine the number and location of telecom rooms, risers, and pathways.
d. Emergency Telephone Units (ETUs) shall be integrated into the network and include elevator phones, restroom ETUs, and exterior bollards; coordinate placement and programming with TS and UIC Public Safety.
e. IT Hardware Procurement Responsibilities
    a. Certain IT equipment must be User Agency-Furnished due to licensing and procurement restrictions.
        i. Wireless Access Points: User Agency Furnished / Contractor Installed – purchased by TS, installed by contractor.
        ii. Network Switches: User Agency Furnished / User Agency Installed – furnished and installed by TS.
        iii. ETUs: User Agency Furnished; installed/programmed by TS.
f. TS will perform hardware take-offs upon receipt of DD/CD drawings and develop the IT hardware budget using a project CFOP.
g. Elevator Two-Way Visual Communication System
    a. Provide a two-way visual and audio elevator emergency communication system equivalent to the RATH / AVIRE SmartView VAM system.
    b. System shall be User Agency Furnished / Contractor Installed, and coordinated with TS (Greg Crnich – crn1@uic.edu).
    c. This is a standardized system on campus and shall be considered a sole source item for compatibility with UIC's emergency communication infrastructure.

SECURITY & ACCESS CONTROL

a. Provide UIC-standard access control hardware compatible with Lenel (current) and Genetec (future) platforms; final platform selection will be determined by UIC Public Safety and OVCAS Technology & Building Systems.
b. Provide card readers at the following locations:
    I. Building entrances
    II. Laboratories
    III. Vivarium entrances
    IV. Mechanical and electrical rooms
    V. Data/telecommunications rooms
    VI. High-value storage or equipment rooms
    VII. Controlled Substance storage areas

GROUNDS

Campus Grounds Coordination Requirements:

a. The project shall comply with UIC Campus Grounds Standards and address the following specific requirements during design and construction coordination:

b. Provide a smart irrigation system compatible with the campus standard Hydrawise platform, including an adequate wired connection.
c. Adhere to the Tree Replacement Policy (caliper-for-caliper replacement of all removed trees).
d. Include site landscape maintenance during the full warranty period (typically 1–2 years after substantial completion).
e. Ensure all hardscape areas—including pavers, plazas, and service drives—are rated for vehicular traffic loading and accessible for maintenance vehicles.
f. Coordination with the UIC Grounds Department shall occur during design development to confirm planting selections, irrigation zones, and maintenance access paths.

Video Surveillance

a. All video cameras, intercoms, and associated security devices shall be User Agency-Furnished / Contractor-Installed.
b. Security CAT6 cabling shall terminate in security-designated telecommunications closets, co-located but isolated from campus data networks; locations shall be approved by UIC Technology Solutions.
c. UIC will furnish and install all network switches, servers, and licensing required for the security video system.
d. Camera and intercom device placement shall be designed and approved by the UIC Chief of Police (or designee) and OVCAS Technology & Building Systems, including but not limited to:
    I. Exterior building entrances, exits, and stairwells
    II. Loading dock areas and service yards
    III. Building perimeter routes
    IV. High-security laboratory or research spaces
    V. Controlled Substance storage zones

ENVIRONMENTAL HEALTH & SAFETY (EHS) REQUIREMENTS

The building shall comply with all UIC Environmental Health & Safety policies, Illinois Department of Public Health requirements, OSHA regulations, CDC/NIH laboratory guidelines, and best practices for laboratory environments.

a. Chemical Safety
    I. Provide chemical-resistant work surfaces in all laboratories.
    II. Laboratory exhaust shall prevent cross-contamination between laboratories or adjacent spaces.
    III. Hazardous exhaust streams (e.g., chemical fume hoods, solvent areas) shall be manifolded separately from general lab exhaust systems.
    IV. Fume hood face velocity at all sash opening positions (including in loading/override) shall be no lower than 80 FPM.
    V. Chemical storage rooms shall include dedicated exhaust, spill containment, and leak detection as required.
b. Biosafety

I. HVAC systems shall allow future upgrading of selected spaces to BSL-2 standards.
II. Provide directional airflow, room pressure monitoring, and non-recirculating exhaust in high-risk areas.
III. Provide space and electrical capacity for future biosafety cabinets (BSCs).

c. Indoor Air Quality
I. Maintain CO_2, VOC, temperature, and humidity within ASHRAE 62.1 limits.
II. Provide IAQ monitoring in high-occupancy or high-risk areas.
III. Provide adequate odor control in areas with solvents, fixatives, or tissue processing.

d. Hazardous Materials Management
I. Provide a clear route for chemical delivery and hazardous waste removal.
II. Include designated hazardous waste accumulation space with required ventilation.

e. Lab Pressurization
I. Maintain laboratories negative relative to corridors.
II. Pressurization shall be monitored, alarmed, and reported to BAS.

f. Cage Wash & Sanitization
I. Provide dedicated exhaust
II. Use corrosion-resistant heat-recovery materials.

g. Containment & Monitoring
I. Provide sloped floors with drains.
II. Install environmental sensors tied to BAS.

BUILDING ENVELOPE REQUIREMENTS

Resilient materials shall be incorporated in keeping with the 60-year life expectancy of the facility with an emphasis on maximizing recycled content. A high-albedo cool roof should be considered to limit the increase in surface temperature of the roof in summer months as to reduce cooling demands over conventional roofing materials and/or a green roof.

a. Air Leakage Performance
I. The building envelope air tightness will be tested by a third-party consultant reporting to the Owner's Commissioning Authority for compliance with the thresholds identified in Section C402.6.2 of the 2026 Illinois Stretch Energy Code. The anticipated testing protocol is ASTM E779 (Standard Test Method for Determining Air Leakage Rate by Fan Pressurization). In the event the required performance is not achieved following the execution of the testing protocol, the Design Builder will be responsible for the costs to remediate, retest, and document compliance with Exception 1 under section C402.6.2.
II. Target whole-building air leakage: ≤0.2 cfm/ft² @ 75 Pa.

b. Thermal Performance
I. Wall U-value:
i. 2026 Stretch Energy Code: 0.044
ii. Maximum: 0.06
II. Roof U-value:
i. 2026 Stretch Energy Code: 0.03
ii. Maximum: 0.03

III. Glazing U-value: ≤0.30
    i. 2026 Stretch Energy Code: 0.28
    ii. Maximum: 0.30
IV. SHGC (Solar Heat Gain Coefficient):
    i. 2026 Stretch Energy Code: 0.38
    ii. Maximum: 0.38

c. Moisture Protection
    I. Continuous air barrier
    II. Transition detailing
    III. Thermographic inspections during commissioning
d. Roof Requirements
    I. Provide equipment capacity and future expansion space.
    II. Provide walkway pads around roof equipment.

QUALITY ASSURANCE AND COMMISSIONING ACTIVITIES

The Design-Build Team will be required to provide a quality assurance plan for review and acceptance by all stakeholders including the CxA. The plan should outline specific metrics and activities beyond those required by LEED that will be used throughout the duration of the project to assure quality. UIC and the CxA will have the authority to amend this plan at their discretion throughout the project and it will be the responsibility of the Design-Build Team to incorporate and report on all agreed upon metrics at scheduled milestones.

The Commissioning Professional and Engineer of Record shall participate in the initial development of the sequences of operation to align with the requirements and preferences of the university.

Upon acceptance of the controls shop drawings, the Commissioning Professional shall provide functional performance testing procedures to the Design-Build Team. Functional Performance Testing will not be permitted to start until each complete system in the facility has been provided with controls point-to-point checkout, final test and balance reports, and completed BAS graphics including trending.

COMMISSIONING REQUIREMENTS

a. All systems in Divisions 07, 21, 22, 23, 25, 26 shall be commissioned by the CxA
b. All systems in Divisions 27 and 28 shall be commissioned by either the CxA or another authorized party at the owner's discretion.
c. NETA testing will be provided by a third party and the commissioning team will review reports.
d. No sampling of systems shall be allowed.
e. Include envelope commissioning and MBCx readiness verification.
f. Trending requirements: 1-minute logging for lab & vivarium controls.
g. Full functional testing in all modes of operation (cooling, heating, economizer, and emergency) of sensors, actuators, alarms, safeties, equipment, systems, and whole building IST.

The CxA will complete the following as required for LEED Fundamental Commissioning

a. Assist with developing the OPR and review the OPR, Bridging-Documents, BOD, and design documentation
b. Cx to participate in LEED charette
c. Develop and implement a Cx Plan
d. Confirm incorporation of Cx requirements into the construction documents
e. Develop construction checklists
f. Cx to perform TAB verification
g. Review required testing reports
h. Develop functional performance and integrated systems test procedures
i. Direct and verify test execution
j. Maintain issues log throughout the Cx process
k. Prepare final Cx process report
l. Document and report finding directly to the CDB and UIC throughout the process

The CxA will complete the following as required for LEED Enhanced Commissioning

a. Review contractor submittals
b. Verify inclusion of systems manual requirements in construction documents
c. Verify inclusion of operator and occupant training requirements in construction documents
d. Verify systems manual delivery
e. Verify operator and occupant training delivery and effectiveness
f. Review building operations in warranty period at 10 months after substantial completion
g. Develop an on-going commissioning plan

BUILDING OCCUPANT AND O&M PERSONNEL REQUIREMENTS

FACILITIES MANAGEMENT REQUIREMENTS

a. The design shall include dedicated storage areas sized to accommodate air filters, attic stock, and critical spare parts required for HVAC, plumbing, electrical, controls, and life-safety systems. Placement of equipment shall be centralized within dedicated mechanical rooms and accessible such that maintenance work will not disrupt facility operations Electrical panels should be in dedicated electrical rooms accessible from public spaces
   Storage space shall be:
   I. Located in an accessible, secure area within the building
   II. Sized based on maintenance requirements and AHU filter change intervals
   III. Capable of storing at least one year of critical maintenance parts for major equipment
   IV. Double doors provided for exterior mechanical access where possible
   V. Stairway with safety railing/guard provided for roof equipment access (Installation of equipment on grade or inside is preferred)
b. Systems should be designed as to minimize the number of materials and spare parts that the owner is required to keep in inventory.
c. The Basis of Design shall detail maintenance scenarios, including pathways and clearances. At a minimum it shall address the following: replacing HVAC filters, recharging water softeners, pulling chiller tubes, cleaning condenser coils, replacing exterior and interior lighting, accessing plumbing clean-outs, replacing AHU coils, replacing fan and pump motors.
d. Clearance and Serviceability
   I. Adequate clearance shall be provided around equipment and systems requiring maintenance or replacement. The design shall incorporate and specify access panels, walkways, stairs, and ample space to remove components requiring basic and extensive maintenance.
   II. The Design-Build Team shall provide diagrams demonstrating adequate clearances for equipment are maintained with every submission, including in the initial competition phase.
   III. Removal and future replacement of equipment must be possible with minimal effort. Minimal effort is defined by use of existing owner equipment. The exception being large equipment such rooftop units, chillers/heat pumps cooling towers.
   IV. All equipment that will eventually need to be replaced must have a location specified in the drawings, along with provisions (i.e. access doors) for ease of replacement. This includes equipment such as valves, water hammer arresters, transformers for automatic flush/ sink valves, etc.
e. Serviceability of Heat Recovery and Energy Recovery Wheels
   I. Air handling units utilizing energy recovery wheels or other heat recovery components shall be designed for easy removal, maintenance, or replacement.
   Requirements include:
   II. Sufficient clearance around the wheel for removal without structural modifications
   III. Sectionalized or field-dismantlable wheel construction
   IV. Access panels sized for maintenance personnel and equipment
   V. Compliance with all manufacturer serviceability standards
   VI. Coordination with UIC O&M staff during design to verify access needs

f. Floor-by-Floor Isolation Valves for Hydronic Riser Systems
   I. Provide isolation valves on each floor for all hydronic risers, including but not limited to:
   II. Heating water supply and return
   III. Chilled water supply and return
   IV. Domestic water supply
   V. Laboratory process water
   VI. Other riser-based systems as applicable

   These valves shall:

   - Allow floor-level shutdown without disrupting full-building operations
   - Be readily accessible in corridors, mechanical closets, or designated valve rooms
   - Be clearly labeled with permanent engraved tags

g. The following criteria shall be met by the project design and construction
   I. Ongoing Operations Criteria
   II. Equipment and System Maintainability Expectations
   III. Minimal warranty issues – the number of warranty issues that arise during the first year of operation.
   IV. High Longevity – the mean time between failure and estimated longevity of the facility.
   V. Limited number of occupant complaints – the number of occupant complaints tracked by type, time, and person by the facilities personnel.
   VI. Availability of parts – the time it takes to receive a part from the time when its need was identified.
   VII. No punch list items – the Construction Manager should ensure that no punch list items remain upon occupancy of the facility.
   VIII.

h. Provision for recycling storage and collection shall meet LEED minimum prerequisites. Recyclable materials must include mixed paper, corrugated cardboard, glass, plastics, and metals. Take appropriate measures for the safe collection, storage, and disposal of two of the following: batteries, mercury-containing lamps, and electronic waste.

CMMS & BAS REQUIREMENTS

a. Design-Build Team shall provide asset data for inclusion into a computer maintenance management system (CMMS):
   a. Manufacturer
   b. Model
   c. Serial
   d. Components (Filter size/type, motor size, belts etc.)
   e. Checking requirements
   f. Maintenance requirements
   g. Troubleshooting items

b. Design shall incorporate a system for tracking overall building utility consumption data (electricity, natural gas, water) along with appropriate submetering in keeping with LEED and

campus standards. System should be easy for facilities staff to access and upload into other platforms such as EnergyStar Portfolio Manager.

c. All utility meters and sub-meters shall be connected to the campus network and use a common communication and data collection protocol. A complete energy monitoring system shall be provided which allows for real time energy data and trends to be displayed in a graphic format on a dashboard accessible through the building automation system graphics. The energy management system shall be capable of issuing automated regular reports to the facility operators which are configured to their preferences.
d. The building automation system shall include a graphic which summarizes overall building pressurization as well as floor-by-floor pressurization. The graphic shall incorporate real time feedback from integrated points in the building and shall totalize outside air and exhaust flow rates. Building pressurization and air flow rates shall not be directly controlled by differential pressure sensors, but these sensors should be included to provide independent monitoring and alarming of total building pressurization.

O&M TRAINING

The training requirements for the project shall include a variety of training sessions for operations and maintenance personnel and building occupants. Operation and maintenance manuals are to be provided for review 90 days prior to training. Design engineer, contractor and building staff shall be present for training. Training shall occur in conjunction with each phase of construction to ensure staff understand equipment operation prior to occupancy.

Training sessions shall be conducted with personnel separate from any video recorded training sessions. Video recorded training sessions shall be separately planned and executed after the sessions delivered to the O&M and occupant teams. These sessions shall incorporate information from these training sessions. Videos shall be organized and archived as part of the construction scope of work.

Training program shall be functionality-based rather than hours-based with training topics provided to the owner in an agenda in advance of training. The following defined objectives should be designed into the training program.

I. The design team gives an overview of the design intent for to users and operations staff (collectively referred to as O&M).
II. Appropriate levels of training are provided for both the users and O&M staff.
III. HVAC building automation system shall include detailed instruction on use of the building automation system for normal operations, troubleshooting and resolving problems.
IV. Provide training based upon the operational management plan, preventative maintenance program, steps to ensuring sustained system performance, and minimization of emergency repair and replacement costs developed for this facility.
V. Provide training on the interaction of the mechanical systems relative to the energy efficiency of the facility.
VI. Provide training for specific components relative to both operational and preventative maintenance procedures and interaction with its connected systems.

VII. Training for contractors on installing special systems/equipment – provide training by the manufacturer on the proper installation and start-up of systems and equipment.

b. Documentation:

I. Record drawings are accurate (include TAB) – the record documentation has been verified to be accurate and it is provided in a usable format.

II. Troubleshooting – a troubleshooting matrix is provided to typical issues anticipated for the system relative to OPR.

III. Accurate start-up and shut-down procedures – easy to find and follow start-up and shut-down procedures are available to the O&M staff.

IV. Detailed how-to manuals – manuals provide clear and concise how-to guidance.

V. Completed accurate information – all documentation is accurate and complete.

VI. Detailed sequence of operation – detailed sequence of operations on any low voltage system with software logic diagrams.

VII. Video training for new personnel (various for different levels of knowledge) – DVD, indexed and edited recording of training for easy access to O&M staff when required.

VIII. One line diagrams will be provided by design team for all major systems, including Steam, CW, HW, normal power, critical power, domestic water, fire system, low voltage systems, etc.

IX. Technical support numbers – easily located technical support telephone numbers and contact information.

X. Detailed maintenance schedule – simple maintenance schedule matrix detailing what is required when.

c. A final commissioning record shall be provided to the owner as developed by the CxA. The commissioning record is a composite document that will include final project documentation, including: OPR, BOD, Cx Plan, Cx Progress Reports, Schematics and BAS GUI overview, Functional Performance Test Scripts, and other relevant materials.

APPENDICIES

APPENDIX A: ACCEPTABLE MANUFACTURERS

This list establishes the baseline for acceptable equipment manufacturers for the Drug Discovery & Cancer Research Pavilion (DDCRP). Manufacturers listed herein have been verified for performance, maintainability, and compatibility with UIC standards.

Alternate manufacturers must be reviewed and approved by CDB and UIC PSPM prior to submittal acceptance.

Table – Acceptable Manufacturers

Grouped by discipline for clarity and alignment with UIC Building Standards. Any equipment not listed shall be referred to the campus building standards. Equipment with a single manufacturer will be sole-sourced by UIC through the CDB process.

Division / System	Equipment Type	Preferred Manufacturers
HVAC Systems	Air Handling Units	Ventrol, Thermal Corp, TMI
HVAC Systems	Exhaust Fans	Twin City, Strobic
HVAC Systems	Pumps	Bell & Gossett, Armstrong, Taco
HVAC Systems	Venturi Valves	Triatek
HVAC Systems	Chilled Beams	Semco
HVAC	Terminal Units (VAV, FCU, BCU etc.)	Nailor, Krueger & Trane
BAS	Tridium	Alerton & Distech with Tridium N4
BAS	Control valves & Damper Actuators	Belimo
BAS	AFMS	Ebtron, Air Monitor, Paragon
BAS	Room Pressure Monitors	TSI, Serta & Triatek
Electrical Systems	Switchgear & Panels	Square D & ABB
Electrical Systems	Transformers	Square D & ABB
Electrical Systems	Lighting Fixtures	Lutron Athena, Acuity,Wattstopper

Electrical Systems	VFD	ABB
Electrical Systems	Fire Alarm	Notifier
Plumbing Systems	Pumps	Bell & Gossett, Grundfos & Armstrong
Plumbing	Air Compressor	Hertz, BeaconMedaes, Chemetron, Quincy, Powerex
Renewable Energy Systems	Solar Panels	LONGi, Trina Solar, Canadian Solar and JA Solar
Renewable Energy Systems	Microinverters	SMA Solar Technology (Preferred), ABB / Hitachi Energy, Schneider Electric (Conext / EcoStruxure), Fronius

General Requirements

1. Equipment from listed manufacturers shall be standard production models, not prototypes.
2. Substitutions must include performance data, maintenance documentation, and proof of BAS compatibility.
3. All equipment shall comply with UIC Building Standards and BAS Integration Guidelines.
4. Final acceptance of alternates is at the discretion of CDB & UIC PSPM and may require testing.
5. Maintain consistency across campus for parts, service.

APPENDIX B: LEED REQUIREMENTS

LEED Certification – The Design-Build Team is required to achieve the project LEED Gold certification target in accordance with the requirements established in the LEED Rating System for LEED v.4. The goal in achieving LEED Gold certification is to deliver a facility that provides an excellent work and testing environment for employees and staff, and also delivers long-term energy and water resource savings.

It is anticipated that the Design-Build Team will utilize an integrative design process and sustainability best practices to develop a facility that achieves the Owner's project LEED goals. This will require early and collaborative goal setting, early energy modeling and water budgeting, and using updates to this modeling and other technical analyses throughout design, as well as an integrative analysis and process, to guide design decisions.

Specific Design-Build Team responsibilities shall include:

- Provide qualified LEED Coordinator during design and construction.
- Develop LEEDv4 scorecard that complies with Owners Project Requirements (OPR) document. Scorecard is to be developed as outcome of Goal Setting meeting. Scorecard is not accepted until reviewed and approved by Owner.
- Provide Plans, procedures and calculations, procure materials, and provide documentation necessary to develop the design to meet Owner Sustainability and LEED goals, and to obtain Prerequisites and credits required for LEED certification.
- Respond to questions and requests for additional information from Owner and project LEED Administrator, and the USGBC, regarding LEED Prerequisites and credits until the USGBC has made its determination on the project's LEED certification application. Respond in format acceptable to Owner, project LEED Administrator and USGBC.
- LEED Online Submittals: Upload project LEED documentation submittal data directly to USGBC "LEED Online" website.
- Completed LEED certification process. Work is not complete until Owner has accepted USGBC's final review of LEED certification, and LEED plaque is procured and installed.
- Include all costs associated with LEED review, and with purchase and installation of plaque upon project certification. Include Appeals should they be required to earn the LEED prerequisites and necessary credits.

Meetings:

- LEED Goal Setting meeting: Coordinate with Owner, LEED AP and CxA and Stakeholders as identified by Owner, to schedule, participate in, and document a LEED Goal Setting meeting within 14 days of award, and prior to further commitment of design direction, to set direction for design and ensure Owner goals are met.
- A LEED Scorecard with targeted credits to achieve project LEED goals will be produced from this meeting.
- Develop a LEED Action Plan to support the Scorecard that describes how each targeted credit will be achieved by the project's design and construction.

- LEED Progress meetings: Facilitate and document monthly LEED progress meetings, which will be conducted throughout design and construction to ensure progress in meeting LEED goals. For each meeting, provide updates to design and calculations, and documentation and reporting as appropriate by project phase. LEED Action Plan updates may be used to provide design phase updates.
- LEED Construction Kick-off meeting: Coordinate with Owner and LEED AP to schedule and conduct and document meeting prior to mobilization to the site. Review LEED requirements as outlined in the LEED scorecard and Action Plan. Review construction phase LEED Plans for compliance with LEED requirements.
- Attendees: Authorized representatives of Owner, LEED Administrator, Commissioning Authority, A&E, and their consultants; Contractor and its superintendent; major subcontractors; suppliers; and other concerned parties shall attend meetings. Participants at the meetings shall be familiar with Project and authorized to conclude matters relating to the Work.

Submittals:

- Basis of Design (BOD): Provide a BOD for review by the LEED consultant and Commissioning Authority that shows in detail how the requirements of the OPR are met in the design. The BOD content and format should follow requirements in the LEED Fundamental Commissioning at a minimum.
- Energy modeling iterations, site assessment, and water budgeting calculations.
    - Initial modeling and calculations must be undertaken as soon as possible and before commitment to design direction, to inform design decision-making and to provide evidence of compliance with the Integrative Design process. In this way, they will provide value in informing decision-making in the design process.
    - Provide iterations of modeling and calculations to support LEED Action Plan updates at each design milestone.
- Commissioning and LEED review of plans and specifications shall be undertaken in conjunction with the Owner project milestone reviews. Per LEED requirements, Cx reviews must be undertaken no less than the equivalent of mid-construction documents and in a back-check set with review comments addressed / incorporated. Provide complete drawings and specifications for these reviews.
- LEED Action Plan: Provide initial Plan for review as a product of the LEED Goal Setting Meeting. Refine and provide with each milestone design submittal. . Updates to Plan shall be provided monthly for the duration of the project.
    - Plan shall be electronic and accessible at all times for review of progress.
    - LEED Action Plan shall indicate how each targeted LEED credit and prerequisite will be met, including a listing of all required submittals and calculations, percentage complete, progress update notes, applicable product data for material selection, certifications for construction practices, procurement data, cumulative calculations, final calculations, information needed from Owner, and action items with name of individuals responsible.
    - Construction phase LEED Plans will be required for specific LEED Prerequisites and credits. These Plans must be provided as project submittals.

- LEED Progress Reports: Throughout project duration, concurrent with each Application or Payment, or as directed by Owner, submit monthly reports in format as directed by Owner and project LEED Administrator, documenting compliance with approved LEED Action Plan, and comparing actual design and construction and procurement activities with LEED Action Plans, and to track progress across all targeted LEED Prerequisites and credits.
- Construction phase LEED product or material submittals are in addition to other technical submittals. If submitted item is identical to that submitted to comply with other requirements, submit duplicate copies as separate submittals to verify compliance with indicated LEED requirements.

13.10 NO DEVIATIONS LIST

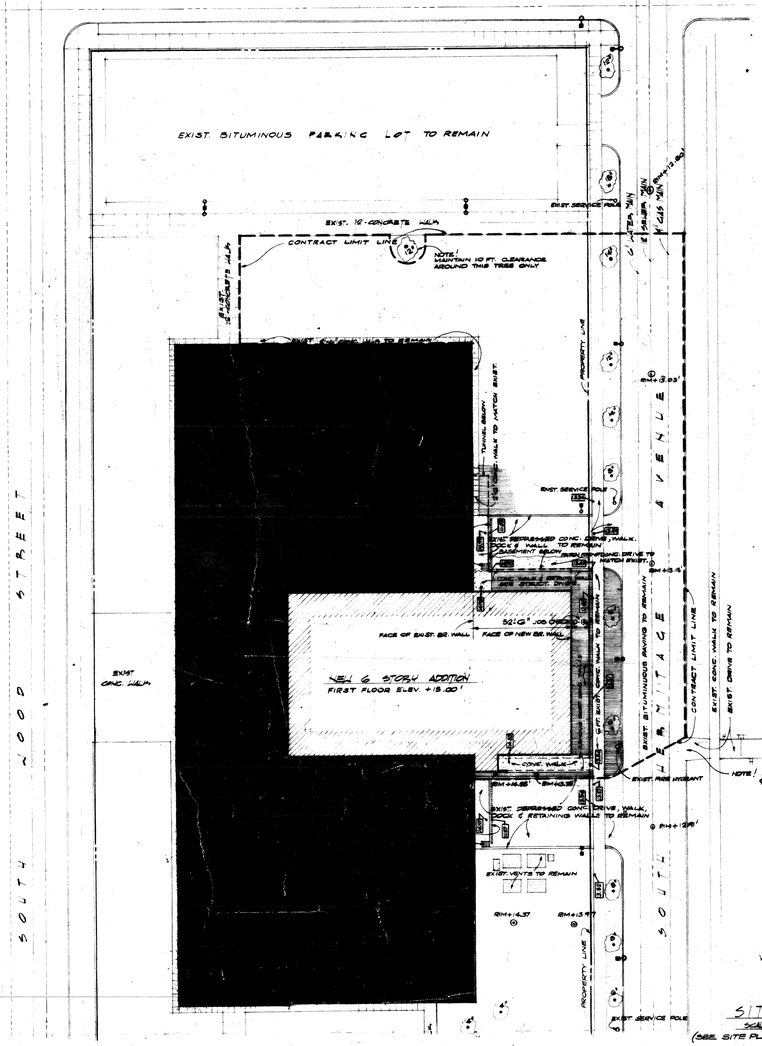
No.	Category	Item	No Deviations Permitted from these Acceptable Products and/or Manufacturers	Reason
ND-1	Mechanical	Building Automation System	Alerton, Distech (BAS Platform: Tridium Niagara N4)	UIC's Building Automation System platform is standardized on Tridium Niagara N4, with over 95% of campus systems using this front-end. To maintain seamless campus integration, alarm management, trend logging, and maintenance continuity, DDCRP must use the same platform. Alerton and Distech are the only campus-approved Tridium-based control systems.
ND-2	Mechanical	Exhaust Fans	Twin City, Strobic	Twin City and Strobic are used campus-wide for high-plume laboratory exhaust systems and are standard for general exhaust. UIC requires consistency in parts, motor assemblies, and controls integration.
ND-3	Mechanical	Venturi Valves	Triatek	UIC has standardized Triatek venturi valves for laboratory pressurization control. Mixing manufacturers creates compatibility issues with room-level controls, calibration procedures, and maintenance.
ND-4	Mechanical	Chilled Beams	Semco	Semco is widely used on campus and provides consistent beam performance, integration with room controls, and maintains campus standardization for parts and service.
ND-5	Mechanical	Control Valves & Dampers	Belimo	UIC requires Belimo for all control valves and actuators due to its proven reliability, support availability, and BAS compatibility.
ND-6	Electrical	Electrical Transformers, Switchgear & Panels	Square D, ABB	UIC Facilities uses these manufacturers throughout campus, maintaining uniformity in switchgear parts, breakers, fuses, and safety protocols.
ND-7	Electrical	Variable Frequency Drives	ABB	UIC has standardized on ABB VFDs, simplifying programming, spare parts, and maintenance.
ND-8	Electrical	Fire Alarm System	Notifier	UIC's entire campus fire alarm infrastructure is standardized on Notifier. Integration with the campus central monitoring system requires maintaining the same platform.
ND-9	Technology, Audio/Visual, & Security	Telecommunications Pathways	MaxCell Innerduct	UIC has standardized MaxCell Innerduct for flexible, multi-cell fabric innerduct within their underground utility conduit pathways to support fiber optic cabling installations.

No.	Category	Item	No Deviations Permitted from these Acceptable Products and/or Manufacturers	Reason
ND-10	Technology, Audio/Visual, & Security	Telecommunications Fiber Enclosures	Panduit, Ortronics	Ortronics and Panduit is used campus-wide within all of UIC's datacenters, nodes, IDFs and FDFs as the preferred manufacturers for termination of the fiber optic cabling infrastructure. Use of these products ensures consistency, compatibility and interoperability with established fiber optic cabling infrastructure standards. Ortronics and Panduit enclosures also reduce risk of schedule and supply chain issues the University has experienced previously.
ND-11	Technology, Audio/Visual, & Security	Access Control System	Lenel OnGuard	UIC's entire campus access control system is standardized on Lenel OnGuard. Integration with the campus access control and alarm monitoring system requires maintaining the same platform.
ND-12	Technology, Audio/Visual, & Security	Local Door Alarms	Designed Security, Inc.	UIC has standardized Designed Security, Inc. for integrating local door alarms into the access control system.
ND-13	Technology, Audio/Visual, & Security	Access Control Power Supplies & Enclosures	Altronix	UIC has standardized Altronix for housing and integration of door access controllers and power supplies for integration into the access control system headend. Use of Altronix products has ensured reliability, compatibility and configurability for their access control system.
ND-14	Technology, Audio/Visual, & Security	Access Control Power Supply Batteries	PowerSonic	UIC has standardized PowerSonic for use within their power supply panels to support backup power for their access control system headend. Use of PowerSonic products has ensured reliability and compatibility with their access control systems.
ND-15	Technology, Audio/Visual, & Security	Access Control Readers	HID	UIC's has standardized HID credential readers as part of their existing access control platform to ensure compatibility, consistency in credentials and streamlined system administration. Use of HID readers maintains interoperability with the current access control system headend, reduces integration risk and supports long-term operational efficiency.

No.	Category	Item	No Deviations Permitted from these Acceptable Products and/or Manufacturers	Reason
ND-16	Technology, Audio/Visual, & Security	Video Management System	Genetec	UIC's entire campus is standardized on Genetec as its enterprise video management platform to ensure seamless integration with its existing security infrastructure, consistent system operation, and centralized monitoring. Use of Genetec ensures continued system-wide interoperability, reliable performance, unified management across all cameras and continuity with established operational workflows.
ND-17	Technology, Audio/Visual, & Security	Video Surveillance Cameras	Axis Communications	UIC's entire campus is standardized on Axis cameras as its preferred hardware platform to ensure compatibility with the existing video management platform, consistent image quality and streamlined device management. Use of Axis cameras ensures reliable performance, full feature interoperability with enterprise VMS, long-term product support and continuity with establish security operations and maintenance practices.
ND-18	Technology, Audio/Visual, & Security	Emergency Telephone Bollards (Owner Furnished / Contractor Installed)	Startel System-Code Blue; ETU Bollard: CB1-S	UIC has standardized on Code Blue CB1-S emergency telephone bollards for campus-wide emergency communication. These units integrate directly with the University's existing Startel emergency communication system used by UIC Public Safety for monitoring and dispatch. Maintaining the Code Blue platform ensures consistent operation, reliable connectivity with the central monitoring system, standardized maintenance procedures, and compatibility with existing campus emergency communication infrastructure. Introducing alternate manufacturers would create interoperability challenges, increase maintenance complexity, and reduce consistency with the campus emergency response network.

No.	Category	Item	No Deviations Permitted from these Acceptable Products and/or Manufacturers	Reason
ND-19	Technology, Audio/Visual, & Security	Interior Emergency Telephones (Owner Furnished / Contractor Installed)	Viking Electronics ETU: Viking Speaker Phone SP613-E1600A	UIC has standardized Viking Electronics SP613 speakerphones for interior emergency telephone units that connect to the campus Startel emergency communication system. These devices have been specifically configured in coordination with Viking Electronics to meet UIC Public Safety operational requirements and to ensure full compatibility with the existing emergency phone infrastructure. Use of this standardized device ensures reliable communication, consistent system configuration, simplified maintenance, and seamless integration with the campus emergency response system.
ND-20	Technology, Audio/Visual, & Security	Elevator Communication System (Owner Furnished / Contractor Installed)	Rath/Janus Elevator Voice and Messaging System: Rath SmartView 2100_SVFCOMP	UIC has standardized on the Rath / Janus SmartView system for elevator emergency communication to ensure compatibility with the campus Startel emergency communication system and compliance with current elevator code requirements for two-way voice and visual communication. The Rath SmartView platform has been coordinated with UIC Public Safety and Technology Solutions to support texting and video communication capabilities required for accessibility and emergency response. Maintaining this standardized system ensures consistent monitoring, reliable operation, and integration with the University’s centralized emergency communication infrastructure.

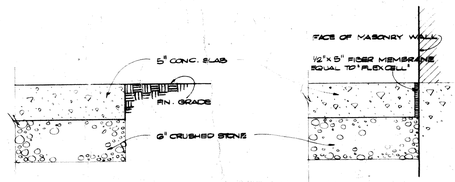
13.11 EXISTING DRAWINGS FOR COLLEGE OF PHARMACY BUILDING



SITE PLAN
SCALE: 1" = 30'

(SEE SITE PLAN DWG. A-24 FOR ALT. PROPOSAL A-I)

NOTE! FOR COMPLETE SITE CONDITION DATA & LEGAL DESCRIPTION, SEE PLAT OF SURVEY # 524-115 DATED JUNE 1, 1966 BY RIGBY, BURKE & ASSOC. HAZELCREST, ILL. & # 66-G DATED JAN. 7, 1966 BY EDMUND H. BURKE & ASSOC LTD., HAZELCREST, ILL.



TYPICAL (1) WALK DETAILS 1/2" = 1'-0"

ADDITION TO THE EAST DENTAL MEDICAL PHARMACY BUILDING

UNIVERSITY OF ILLINOIS AT THE MEDICAL CENTER

PUBLIC HEALTH SERVICE PROJECT . . . . . 129-94 ILLINOIS
ILLINOIS BUILDING AUTHORITY PROJECT . . . . . NO. 74-12

LIST OF DRAWINGS

ARCHITECTURAL

A-1 SITE PLAN & ABBREVIATIONS
A-2 BASEMENT PLAN & ROOM FINISH SCHED
A-3 FIRST FLOOR PLAN
A-4 SECOND FLOOR PLAN
A-5 THIRD FLOOR PLAN & ROOM FIN SCHED
A-6 FOURTH FLOOR PLAN & ROOM FIN SCHED
A-7 FIFTH FLOOR PLAN & ROOM FIN. SCHED
A-8 SIXTH FLOOR PLAN & ROOM FIN SCHED
A-9 EXTERIOR ELEVATIONS & SECTION THRU NORTH DOCK
A-10 BUILDING SECTIONS & DETAILS
A-11 BUILDING & WALL SECTIONS & DETAILS
A-12 BUILDING SECTION & WINDOW WALL DETAILS
A-13 DOOR & FRAME SCHED. & DETAILS & ROOF PLAN & DET.
A-14 REFLECTED CEILING PLANS
A-15 STAIR & MISCELLANEOUS DETAILS
A-16 ASSEMBLY HALL ELEV. & TV-STUDIO ELEV. & DETAILS
A-17 LAB. CASEWORK ELEVATIONS & SECTIONS
A-18 LAB CASEWORK ELEVATIONS & SECTIONS
A-19 LAB CASEWORK ELEVATIONS & SECTIONS
A-20 LAB CASEWORK ELEVATIONS & SECTIONS
A-21 LAB CASEWORK ELEVATIONS & SECTIONS
A-22 LAB. CASEWORK & PARTITION SECTIONS
A-23 MISCELLANEOUS ASSEMBLY HALL DETAILS
A-24 ALTERNATE PROPOSAL A-I : DELETION OF PHOTO-T.V. STUDIO AREAS
A-25 ALTERNATE PROPOSAL A-XI: SUBSTITUTION OF LAY-IN ACOUSTICAL TILE CEILING

STRUCTURAL

S-1 BASEMENT & FOUNDATION PLANS
S-2 1ST FLOOR FRAMING PLAN
S-3 2ND FLOOR FRAMING PLAN
S-4 3RD FLOOR FRAMING PLAN
S-5 4TH & 5TH FLOOR FRAMING PLAN
S-6 6TH FLOOR FRAMING PLAN
S-7 ROOF FRAMING PLAN
S-8 TRUSS DETAILS
S-9 COLUMN SCHEDULE & GENERAL NOTES
S-10 FOUNDATION DETAILS
S-11 MISCELLANEOUS PLANS & DETAILS
S-12 ALTERNATE PROPOSAL A-I : DELETION OF PHOTO-T.V. STUDIO AREAS

MECHANICAL

M-1 BSMT. FLR. PLAN - PLBG. & FIRE PROT. - HTG. & REFRIG. - VENTILATING
M-2 BSMT. FLR PLAN - PLBG. & FIRE PROT. - HTG. & REFRIG.
M-3 2ND FLR PLAN - PLBG. & FIRE PROT. - HTG. & REFRIG.
M-4 3RD FLR PLAN - PLBG. & FIRE PROT. - HTG. & REFRIG.
M-5 4TH FLR PLAN - PLBG. & FIRE PROT. - HTG. & REFRIG.
M-6 5TH FLR PLAN - PLBG. & FIRE PROT. - HTG. & REFRIG.
M-7 6TH FLR PLAN - PLBG. & FIRE PROT. - HTG. & REFRIG.
M-8 SECTIONS & DETS. - PLBG. & FIRE PROT. - HTG. & REFRIG.
M-9 RISER DETAILS - PLBG. & FIRE PROT. - HTG. & REFRIG.
M-10 BSMT FLR PLAN - VENTILATING
M-11 1ST FLR PLAN - PLBG. & FIRE PROT. - HTG. & REFRIG. - VENTILATING
M-12 2ND FLR PLAN - PLBG. & FIRE PROT. - HTG. & REFRIG. - VENTILATING
M-13 3RD FLR PLAN - PLBG. & FIRE PROT. - HTG. & REFRIG. - VENTILATING
M-14 4TH FLR PLAN - PLBG. & FIRE PROT. - HTG. & REFRIG. - VENTILATING
M-15 5TH FLR PLAN - PLBG. & FIRE PROT. - HTG. & REFRIG. - VENTILATING
M-16 6TH FLR PLAN - PLBG. & FIRE PROT. - HTG. & REFRIG. - VENTILATING
M-17 ROOF PLAN & DETS. - PLBG. & FIRE PROT. - HTG. & REFRIG. - VENTILATING
M-18 SECTIONS & DETAILS - PLBG. & FIRE PROT. - HTG. & REFRIG. - VENTILATING
M-19 ALTERNATE PROPS. - PLBG. & FIRE PROT. - HTG. & REFRIG. - VENTILATING
M-20 EQUIPMENT SCHEDS. - PLBG. & FIRE PROT. - HTG. & REFRIG. - VENTILATING

ELECTRICAL

E-1 BASEMENT ADDITION, ELECTRICAL, POWER & LIGHTING PLAN
E-2 1ST FLOOR, ELECTRICAL LIGHTING PLAN
E-3 2ND FLOOR, ELECTRICAL LIGHTING PLAN
E-4 3RD FLOOR, ELECTRICAL LIGHTING PLAN & SYMBOLS
E-5 4TH FLOOR, ELECTRICAL LIGHTING PLAN
E-6 5TH FLOOR, ELECTRICAL LIGHTING PLAN
E-7 6TH FLOOR, ELECTRICAL LIGHTING PLAN
E-8 1ST FLOOR, ELECTRICAL POWER PLAN
E-9 2ND FLOOR, ELECTRICAL, POWER PLAN
E-10 3RD FLOOR, ELECTRICAL, POWER PLAN
E-11 4TH FLOOR, ELECTRICAL, POWER PLAN & FIXTURE SCHEDULE
E-12 5TH FLOOR, ELECTRICAL POWER PLAN
E-13 6TH FLOOR, ELECTRICAL, POWER PLAN
E-14 ELECTRICAL, DETAILS & RISER DIAGRAMS
E-15 BASEMENT, ELECTRICAL, POWER & LTG PLAN
E-16 ELECTRICAL, REVISIONS FOR ALTERNATE PROPOSAL

GENERAL SYMBOLS

- COLUMN CENTERLINE
- B-EV 15-0 — GRADE OR FLOOR ELEV.
- DIRECTN OF ELEVATION
- DRAWING NUMBER, ELEVATION NUMBER
- DOOR, & FRAME REFERENCE SEE DRG. & A-13
- DOOR NUMBER; FIRST DIGIT INDICATES FLOOR NUMBER
- WALL SECTION OR BUILDING SECTION NUMBER; DIRECTN OF SECTION; DRAWING NUMBER
- NO END REQUIRED OR FACTORY ENDS
- ROUND
- SQUARE
- WF — WIDE FLANGE STEEL SECTION
- @ — AT

SITE SYMBOLS

- 102.5 — GRADE ELEVATION IN FEET - EXIST. OR PROPOSED (ALL REFERENCES TO CITY OF CHICAGO DATUM)
- SEEDED AREAS (ALL UNPAVED AREAS WITHIN CONTRACT LIMIT LINES DISTURBED OR DAMAGED BY CONTRACTORS USE)
- CONCRETE PAVING
- DRAINAGE STRUCTURE
- EXISTING TREE TO REMAIN (DIAMETER AS SHOWN)
- EXISTING STREET LIGHT TO REMAIN
- CONCRETE CURB
- CONTRACT LIMIT LINE
- RIM = 3.15' — EXISTING MANHOLE TO REMAIN (RIM ELEVATION AS SHOWN)

MATERIAL INDICATIONS

- MOVABLE PARTITION
- MOVABLE PARTITION W/1/2" GYP. BD.
- METAL STUD PARTITION W/PLYWOOD FACING ONE SIDE
- CUPBOARD
- CUPBOARD W/PLASTIC FACING ONE SIDE
- CONCRETE BLOCK
- CONCRETE BLOCK W/PLASTIC-BOARD FACING ONE SIDE
- CONCRETE
- FACE BRICK
- SLATE
- BATT OR ROLL INSULATION - SMALL SCALE; LARGE SCALE
- INSULATED PREFABRICATED ENVIRONMENTAL CONTROL ROOMS, FREEZER & COOLER
- RIGID INSULATION
- CONTINUOUS WOOD BLOCKING
- INTERMEDIATE WOOD BLOCKING
- PLYWOOD
- SOLID WOOD
- TERRAZZO SETTING BED
- EXISTING TO REMAIN
- EXISTING TO BE REMOVED
- H — METAL - SMALL SCALE; LARGE SCALE
- GRAVEL
- GRADE

ABBREVIATIONS

ACT	ACOUSTICAL TILE
ADJ.	ADJUSTABLE
ALUM.	ALUMINUM
ALT.	ALTERNATE
BD.	BOARD
BR.	BRICK
CAB.	CABINET
C.B.	CHALKBOARD
CEIL.	CEILING
CI	CAST IRON
C.L.	CENTER LINE
COL.	COLUMN
CONC.	CONCRETE
CONC. BL.	CONC. BLOCK
CONV.	CONVECTOR
DET.	DETAIL
DN.	DRAIN
D.O.	DOOR OPENING
DIMEN.	DIMENSION
DR.	DOOR
DWG.	DRAWING
ELEV.	ELEVATION
EQUIPT.	EQUIPMENT
ELECT.	ELECTRICAL
ENAM.	ENAMEL
E.W.C.	ELECTRIC WATER COOLER
EXIST.	EXIST. MATERIAL OR ITEM TO REMAIN (UNLESS OTHERWISE NOTED)
F.	FINISH (FIELD PAINT OTHER THAN FACTORY)
F.E.C.	FIRE EXTINGUISHER CABINET
FIN.	FINISH, FINISHED
FL.	FLOOR
FR.	FRAME
GL.	GLASS, GLAZING
GLT.	GLAZED STRUCTURAL TILE
GR.	GRILLE
HTG.	HEATING
PLBG.	PLUMBING
PROT.	PROTECTION
REFRIG.	REFRIGERATION
L.P.	LOW POINT
H.P.	HIGH POINT
H.T.	HOLLOW TILE
HTG.	HEATING
INSUL.	INSULATION, INSULATED
LIT.	LIGHT, LIGHT
M.	MATERIAL
MECH.	MECHANICAL (HEATING, VENTILATING, PLUMBING)
MTL.	METAL, METAL
MT.	METAL
N.I.C.	NOT IN CONTRACT
N.T.S.	NOT TO SCALE
O.C.	ON CENTER
O.D.	MOVABLE PARTITION OR WALL FACING
PART.	PARTITION
P. LAM.	PLASTIC LAMINATE
PLAS.	PLASTER
PLYWD.	CUPBOARD, PLASTERBOARD OR PLYWOOD
PORC.	PORCELAIN
R.	RISER, (S)
R.D.	ROOF DRAIN
S.F.	SQUARE FEET
S.S.T.	STAINLESS STEEL
ST.	STEEL
STRUCT.	STRUCTURAL
SUSP.	SUSPENDED
SUSP.	SUSPENDED, HEADROOM CLR.
T & V	TOILET & VANITY
T.	TREADS
TR.	STEEL TROWELED FINISH
TYP.	TYPICALLY, GENERALLY
U.C.	UNDERCUT
V.A.T.	VINYL ASBESTOS TILE
V.N.	VINYL WALL COVERING
W	WAX & BUFF
WD.	WOOD
W.I.	WROUGHT IRON
W.T.	WALL TILE
SPRG.	SPRAY GLAZE

ALT. PROP. A-III — ITEM TO BE DELETED UNDER ALTERNATE PROPOSAL INDICATED

EXIST. COL. ℄ (K) ARCH (K) STRUCT.

1-A6 — DETAIL NUMBER; DRAWING NUMBER; DIRECTION OF DETAIL SHOWN

NO.	ITEM - THUS ◇	DATE
	REVISIONS	

ADDITION TO THE EAST DENTISTRY MEDICINE PHARMACY BUILDING
833 SOUTH WOOD STREET — CHICAGO 12, ILLINOIS
UNIVERSITY OF ILLINOIS AT THE MEDICAL CENTER

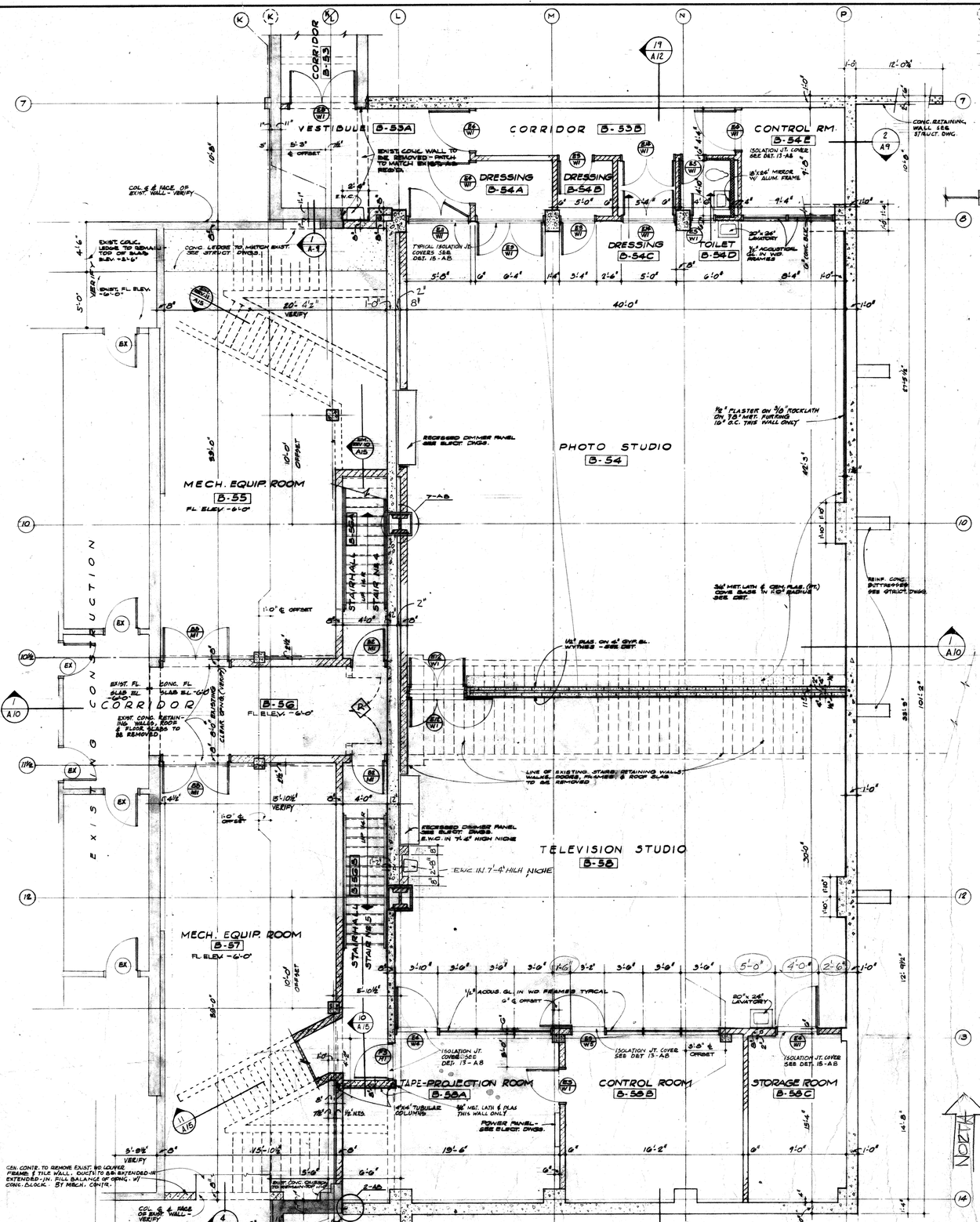
DATE: MARCH 31 1966
ARCH. PROJ. NO. 64140
DRAWN BY: F. BACH M.A.
CHECKED BY: W. ANDERSON
APPROVED BY:
PROJECTION: N. MILLS

ARCHITECTS: PHONE HA 7-8800, 600 WEST JACKSON BLVD., CHICAGO, ILL.

DRAWING TITLE: SITE PLAN, SYMBOLS, ABBREVIATIONS & TITLE

DRAWING NUMBER: A-1

JOB # 13-1


CORRIDOR B-53
VESTIBULE B-53A
CORRIDOR B-53B
CONTROL RM. B-54E
DRESSING B-54A
DRESSING B-54B
DRESSING B-54C
TOILET B-54D
PHOTO STUDIO B-54
MECH. EQUIP. ROOM B-55
FL ELEV -6'-0"
CORRIDOR B-56
FL ELEV. -6'-0"
STAIRHALL B-56A
STAIR No. 4
TELEVISION STUDIO B-58
MECH. EQUIP. ROOM B-57
FL ELEV -6'-0"
TAPE-PROJECTION ROOM B-58A
CONTROL ROOM B-58B
STORAGE ROOM B-58C
EXIST. CONC. RETAINING WALLS, ROOF & FLOOR SLABS TO BE REMOVED
EXIST. CONC. WALL TO BE REMOVED - PATCH TO MATCH EXISTING
RECESSED DIMMER PANEL - SEE ELECT. DWGS.
RECESSED POWER PANEL - SEE ELECT. DWGS.
CONC. RETAINING WALL SEE STRUCT. DWG.
REINF. CONC. BUTTRESSES SEE STRUCT. DWGS.
EXIST. CONC. LEDGE TO REMAIN - TOP OF SLAB ELEV. +2'-6"
CONC. LEDGE TO MATCH EXIST. SEE STRUCT. DWGS.
EXIST. FL. ELEV. -6'-0"
EXIST. FL. SLAB EL. -6'-0"
CONC. FL. SLAB EL. -6'-0"
EXIST. CONC. RETAINING WALLS, ROOF & FLOOR SLABS TO BE REMOVED
LINE OF EXISTING STAIRS, RETAINING WALLS, DOORS, FRAMES & ROOF SLAB TO BE REMOVED
CONC. RETAINING WALL
EXIST. BUILDING WALL
EXIST. CONC. RETAINING WALL TO REMAIN
EXIST. CONC. COLUMN TO REMAIN
CONC. FL. SLAB EL. -6'-0"
EXIST. FL. SLAB EL. -6'-0"
CONC. FL. SLAB EL. -6'-0"
CONC. FL. SLAB EL. -6'-0"
CONC

FIRST FLOOR PLAN

SCALE: 1/8" = 1'-0"

NORTH

ADDITION TO THE EAST DENTISTRY MEDICINE PHARMACY BUILDING

833 SOUTH WOOD STREET — CHICAGO 12, ILLINOIS
UNIVERSITY OF ILLINOIS AT THE MEDICAL CENTER

DRAWING TITLE: FIRST FLOOR PLAN

DRAWING NUMBER: A-3

DATE: MARCH 31, 1960
ARCH. PROJ. NO: 24140
DRAWN BY: M. RIJANGO
CHECKED BY: W. ANDERSON
APPROVED BY: S. TUNNARD
PROJ. ARCH.: N. MILLETT

ARCHITECTS: PHONE HA 7-0300
208 WEST JACKSON BLVD., CHICAGO, ILL.

NO. ITEM - THUS ○ DATE
REVISIONS

924-1.3-3

NOTE: REPEAT MASONRY & OPENING DIMENSIONS ON SOUTH WALL

NEW WALL CONST
NOT TO SCALE

EXIST'G. STRUCT. GLASS FACED CLAY TILE WALL TO REMAIN IN PLACE WITH NEW PARTITION UP TO EAST FACE TYP.

NEW WALL - LOCATION SET BY EXIST'G. WALL IN TOILET TYP.

REMOVE EXIST. 8" CLAY TILE WALL IN ENTRYWAY

NOTE: SEE DWG. A-12 FOR TYPICAL WINDOW WALL PLANS & DETAILS

SECOND FLOOR PLAN
SCALE: 1/16" = 1'-0"

NORTH

ADDITION TO THE EAST DENTISTRY
MEDICINE PHARMACY BUILDING
833 SOUTH WOOD STREET — CHICAGO 12, ILLINOIS
UNIVERSITY OF ILLINOIS AT THE MEDICAL CENTER

ARCHITECTS: PHONE HA 7-6080
200 WEST JACKSON BLVD., CHICAGO, ILL.

NO.	ITEM - THUS Δ	DATE
	REVISIONS	

DATE: MARCH 31, 1966
ARCH. PROJ. NO: 24140
DRAWN BY: J. DVBIS, P. BACH
CHECKED BY: W. ANDERSON
APPROVED BY: S. TOMPKINS
PROJ. ARCH.: N. MILLETT

DRAWING TITLE: SECOND FLOOR PLAN

DRAWING NUMBER: A1-4

924-1.3-4

SCHEDULE OF INTERIOR MATERIALS AND FINISHES

SPACE		FLOOR		BASE		WALLS		CEILING			STOOL		REMARKS
ROOM	NUMBER	M.	F.	M.	F.	M.	F.	M.	F.	HGT.	M.	F.	
CORRIDOR	315	V.A.T.	W.	VIN.	W.	M.P.	FT.	AC. T.	–	9'-0"	–	–	③⑦
STAIRHALL	315A	V.A.T.	W.	GL.T.	–	GL.T.	–	EXPOSED STR.	PT.	VARIES	–	–	⑤⑧
INSTRUCTIONAL LAB.	316	V.A.T.	W.	VIN.	W.	M.P.	PT.	AC. T.	–	8'-0"	–	–	①⑥
INSTRUCTIONAL LAB.	317	V.A.T.	W.	VIN.	W.	M.P.	PT.	AC. T.	–	8'-0"	–	–	①④
COLD ROOM	317A	SPEC. CONC.	TR.	SPEC. CONC.	TR.	PT.	BACKED ENAM.	GT.	BACKED ENAM.	7'-11"	–	–	⑨
FREEZER	317B	SPEC. CONC.	TR.	SPEC. CONC.	TR.	ST.	BACKED ENAM.	GT.	BACKED ENAM.	7'-11"	–	–	⑨
OFFICE	318	V.A.T.	W.	VIN.	W.	M.P.	PT.	AC. T.	–	8'-0"	–	–	④
PHARMACY LAB.	318A	V.A.T.	W.	VIN.	W.	M.P.	PT.	AC. T.	–	8'-0"	SLATE	W.	①②④⑥⑦
RESEARCH LAB.	319	V.A.T.	W.	VIN.	W.	M.P.	PT.	AC. T.	–	8'-0"	SLATE	W.	①②④⑥
OFFICE	320	V.A.T.	W.	VIN.	W.	M.P.	PT.	AC. T.	–	8'-0"	–	–	
PHARMACY LAB.	320A	V.A.T.	W.	VIN.	W.	M.P.	PT.	AC. T.	–	8'-0"	SLATE	W.	①②④⑥
ZOOL. RESEARCH LAB.	321	V.A.T.	W.	VIN.	W.	M.P.	PT.	AC. T.	–	8'-0"	SLATE	W.	①②④⑤ BLACKOUT SHADES
OFFICE	322	V.A.T.	W.	VIN.	W.	M.P.	PT.	AC. T.	–	8'-0"	–	–	⑦
LAB.	322A	V.A.T.	W.	VIN.	W.	M.P.	PT.	AC. T.	–	8'-0"	SLATE	W.	①②④⑥⑦ BLACKOUT SHADES
CORRIDOR	323	V.A.T.	W.	VIN.	W.	M.P.	PT.	AC. T.	–	8'-0"	SLATE	W.	④⑦
OFFICE	324	V.A.T.	W.	VIN.	W.	M.P.	PT.	AC. T.	–	8'-0"	–	–	⑦
RESEARCH LAB.	325	V.A.T.	W.	VIN.	W.	M.P.	PT.	AC. T.	–	8'-0"	SLATE	W.	①②④⑥⑦ BLACKOUT SHADES
OFFICE	326	V.A.T.	W.	VIN.	W.	M.P.	PT.	AC. T.	–	8'-0"	–	–	
RESEARCH LAB.	327	V.A.T.	W.	VIN.	W.	M.P.	PT.	AC. T.	–	8'-0"	SLATE	W.	①②④⑥⑦ BLACKOUT SHADES
CORRIDOR	328	V.A.T.	W.	VIN.	W.	M.P.	PT.	AC. T.	–	9'-0"	–	–	④
STAIRHALL	328A	V.A.T.	W.	VIN.	W.	GL.T.	–	EXPOSED FAN	PT.	VARIES	–	–	⑤⑧

① V.N. BASE UNDER CABS (W.) BY GEN. CONTR.

② METAL PANEL POCKET BY AC T. CENTER.

③ STEEL TROWELED CONC. TREADS & PLATFORMS - PAINTED ST. RISERS, STRINGERS, HANDRAILS & BALUSTERS

④ PLASTER ON MASONRY WALLS

⑤ VOID

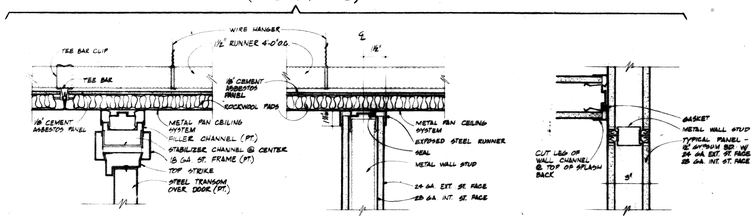
⑥ EPOXY GLAZE WALL SURFACE BETWEEN BASE CABS & REAGENT SHELF TYPICALLY

⑦ FURRED PLASTERBD @ EXTER. OR MASONRY WALLS - SEE DWG. A-11

⑧ FLR. SOFFIT UNDER FLOOR LANDING ONLY

⑨ PREFABRICATED WALLS - CEIL., POWER UNITS & LIGHT FIXTURES BY EQUIP. FURN. MFR.

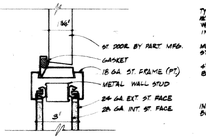
STEEL FACED GYPSUM BOARD PARTITION W/ METAL PAN CEILING (BASE PROPOSAL)



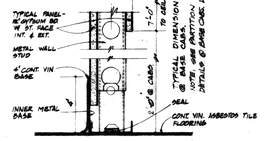
1 TRANSOM HEAD AT CEILING

2 PARTITION AT CEILING

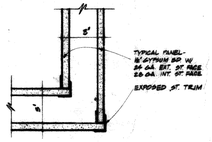
3 WALL STUD & 3-WAY CONNECTION



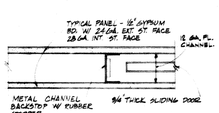
4 DOOR JAMB



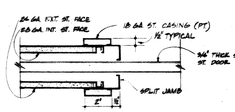
5 BASE



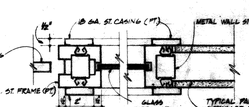
6 CORNER



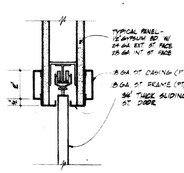
7 SLIDING DOOR WALL-POCKET



8 JAMB AT SLIDING DOOR

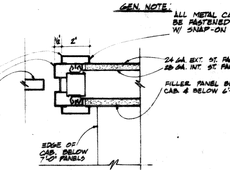


9 JAMB AT SIDELIGHT (HORIZONTAL MULLION SIMILAR)

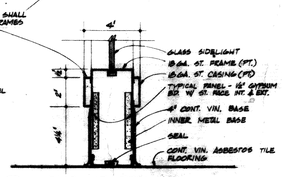


10 HEAD AT SLIDING DOOR

GEN. NOTE: ALL METAL CASINGS SHALL BE FASTENED TO FRAMES W/ SNAP-ON CLIPS

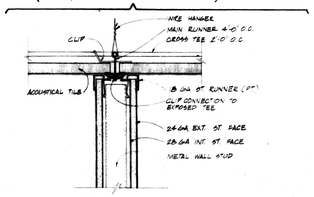


11 JAMB AT SLIDING DOOR



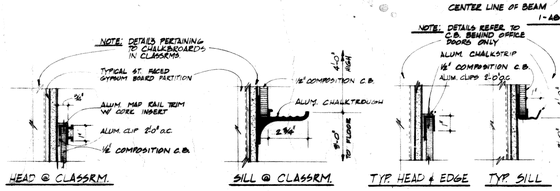
14 BASE AT SIDELIGHT

STEEL FACED GYPSUM BOARD PARTITION W/ EXPOSED GRID SUSPENSION SYSTEM (ALTERNATE PROPOSAL A-X1)



12 PARTITION AT CEILING

NOTE: ALL DETAILS THIS DWG SCALE: 3"=1'-0"



HEAD @ CLASSRM. | SILL @ CLASSRM. | TYP. HEAD & EDGE | TYP. SILL

15 CHALKBOARD DETAILS

NO.	ITEM - THUS ◇	DATE
	REVISIONS	

ADDITION TO THE EAST DENTISTRY MEDICINE PHARMACY BUILDING
833 SOUTH WOOD STREET — CHICAGO 12, ILLINOIS
UNIVERSITY OF ILLINOIS AT THE MEDICAL CENTER

DATE: MARCH 21, 1960
ARCH. PROJ. NO: 24140
DRAWN BY: J. DYBIS
CHECKED BY: W. ANDERSON
APPROVED BY: S. TWARKA
PROJ. ARCH.: N. HILLETT

ARCHITECTS: PHONE HA 7-0200
200 WEST JACKSON BLVD., CHICAGO, ILL.

DRAWING TITLE: THIRD FLOOR PLAN, R.M. FINISH SCHEDULE, & MISC DETAILS

DRAWING NUMBER: A-5

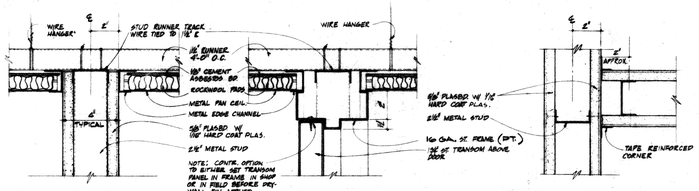
9241.3-5

SCHEDULE OF INTERIOR MATERIALS AND FINISHES

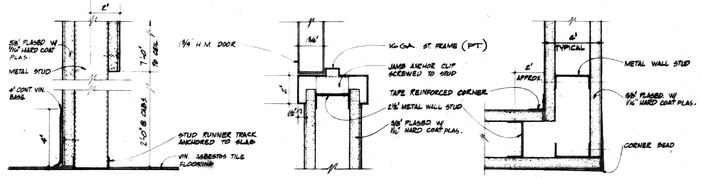
SPACE		FLOOR		BASE		WALLS		CEILING			STOOL		REMARKS
ROOM	NUMBER	M.	F.	M.	F.	M.	F.	M.	F.	HGT.	M.	F.	
CORRIDOR	410	V.A.T.	W.	VIN.	W	M.P.	PT.	ACT.	–	8'-0	–	–	④⑦
STAIRHALL	410A	RUB.	W.	GL.T.	–	GL.T.	–	GYPSUM PAN	PT.	VARIES	–	–	⑤⑩
CLASSROOM	411	V.A.T	W.	VIN.	W	M.P.	PT.	ACT.	–	8'-0	–	–	FOLD. PART. W/ BAKED ENAM. FINISH
GRADUATE RESEARCH LAB. & AUX.	412, 412A	V.A.T.	W.	VIN.	W	M.P.	PT.	ACT.	–	8'-0	–	–	①④⑥
OFFICE	413	V.A.T.	W.	VIN.	W	M.P.	PT.	ACT.	–	8'-0	–	–	⑥
LAB.	413A	V.A.T.	W.	VIN.	W	M.P.	PT.	ACT.	–	8'-0	SLATE	W.	①④⑥⑨⑦
GRAD. RESEARCH LAB.	414	V.A.T.	W.	VIN.	W	M.P.	PT.	ACT.	–	8'-0	SLATE	W.	①④⑥⑨
OFFICE	415	V.A.T.	W.	VIN.	W	M.P.	PT.	ACT.	–	8'-0	–	–	⑥
LAB.	415A	V.A.T.	W.	VIN.	W	M.P.	PT.	ACT.	–	8'-0	SLATE	W.	①④⑥⑨
GRAD. RESEARCH LAB.	416	V.A.T.	W.	VIN.	W	M.P.	PT.	ACT.	–	8'-0	SLATE	W.	①④⑥⑨
OFFICE	417	V.A.T.	W.	VIN.	W	M.P.	PT.	ACT.	–	8'-0	–	–	⑥
LAB.	417A	V.A.T.	W.	VIN.	W	M.P.	PT.	ACT.	–	8'-0	SLATE	W.	①④⑥⑨⑦
CORRIDOR	418	V.A.T.	W.	VIN.	W	M.P.	PT.	ACT.	–	8'-0	SLATE	W.	④⑥⑦
OFFICE	419	V.A.T.	W.	VIN.	W	M.P.	PT.	ACT.	–	8'-0	–	–	⑥
LAB.	419A	V.A.T.	W.	VIN.	W	M.P.	PT.	ACT.	–	8'-0	SLATE	W.	①④⑥⑨⑦
GRAD. RESEARCH LAB.	420	V.A.T.	W.	VIN.	W	M.P.	PT.	ACT.	–	8'-0	SLATE	W.	①④⑥⑨
OFFICE	421	V.A.T.	W.	VIN.	W	M.P.	PT.	ACT.	–	8'-0	–	–	⑥
LAB.	421A	V.A.T.	W.	VIN.	W	M.P.	PT.	ACT.	–	8'-0	SLATE	W.	①④⑥⑨
GRAD. RESEARCH LAB.	422	V.A.T.	W.	VIN.	W	M.P.	PT.	ACT.	–	8'-0	SLATE	W.	①④⑥⑨
OFFICE	423	V.A.T.	W.	VIN.	W	M.P.	PT.	ACT.	–	8'-0	–	–	⑥
LAB.	423A	V.A.T.	W.	VIN.	W	M.P.	PT.	ACT.	–	8'-0	SLATE	W.	①④⑥⑨⑦
GRAD. RESEARCH LAB. & AUX.	424, 424A	V.A.T.	W.	VIN.	W	M.P.	PT.	ACT.	–	8'-0	–	–	①④⑥
CLASSROOM	425	V.A.T.	W	VIN.	W	M.P.	PT.	ACT.	–	8'-0	–	–	FOLD. PART. W/ BAKED ENAM. FINISH
CORRIDOR	426	V.A.T.	W	VIN.	W	M.P.	PT.	ACT.	–	8'-0	–	–	④⑦
STAIRHALL	426A	RUB.	W	GL.T.	–	GL.T.	–	GYPSUM PAN	PT.	VARIES	–	–	⑤⑩

① VILYL BASE (HIDER CASE (W) BY OWN COUNTR.
② INSTALL DRAIN POCKET BY ACT COUNTR.
③ STEEL TROWELED CONC. TREADS & PLATFORMS - PAINTED STEEL RISERS STRINGERS, HANDRAILS & RAILINGS
④ PLASTER ON MASONRY WALLS (NOT SEED BEHIND FUME HOODS)
⑤ SPRAY GLAZE WALL SURFACE BETWEEN BASE CABS & BACKSPLT SHELF TYPICALLY
⑥ FURRED PLASTERBOARD ON EXTERIOR MASONRY WALLS - SEE DWG - A12
⑦ PLASTER SOFFIT UNDER FLOOR LANDING ONLY
⑨ PLASTER ON CONCRETE WALLS
⑩ VINYL COVE BASE

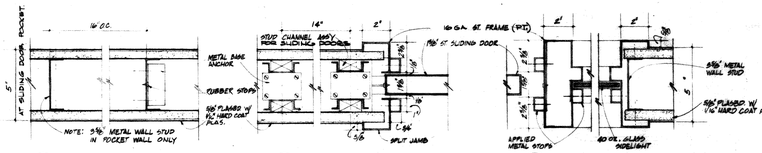
PLASTERBOARD PARTITION W/ METAL PAN CEILING (ALTERNATE PROPOSAL A-VIII)



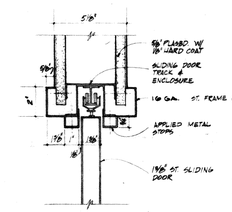
① PARTITION AT CEILING ② TRANSOM HEAD AT CEILING ③ WALL STUD & 3-WAY CONNECTION



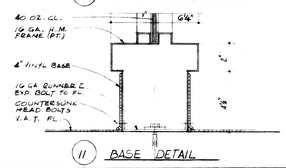
④ BASE ⑤ DOOR JAMB ⑥ CORNER



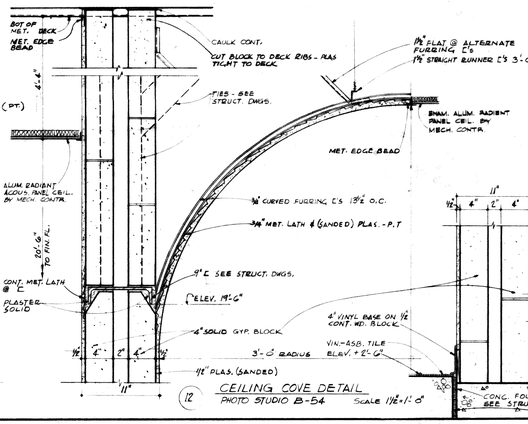
⑦ SLIDING DOOR WALL-POCKET ⑧ JAMB AT SLIDING DOOR ⑨ JAMB AT SIDELIGHT (HORIZONTAL MULLION SIMILAR)



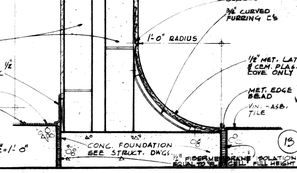
⑩ HEAD AT SLIDING DOOR



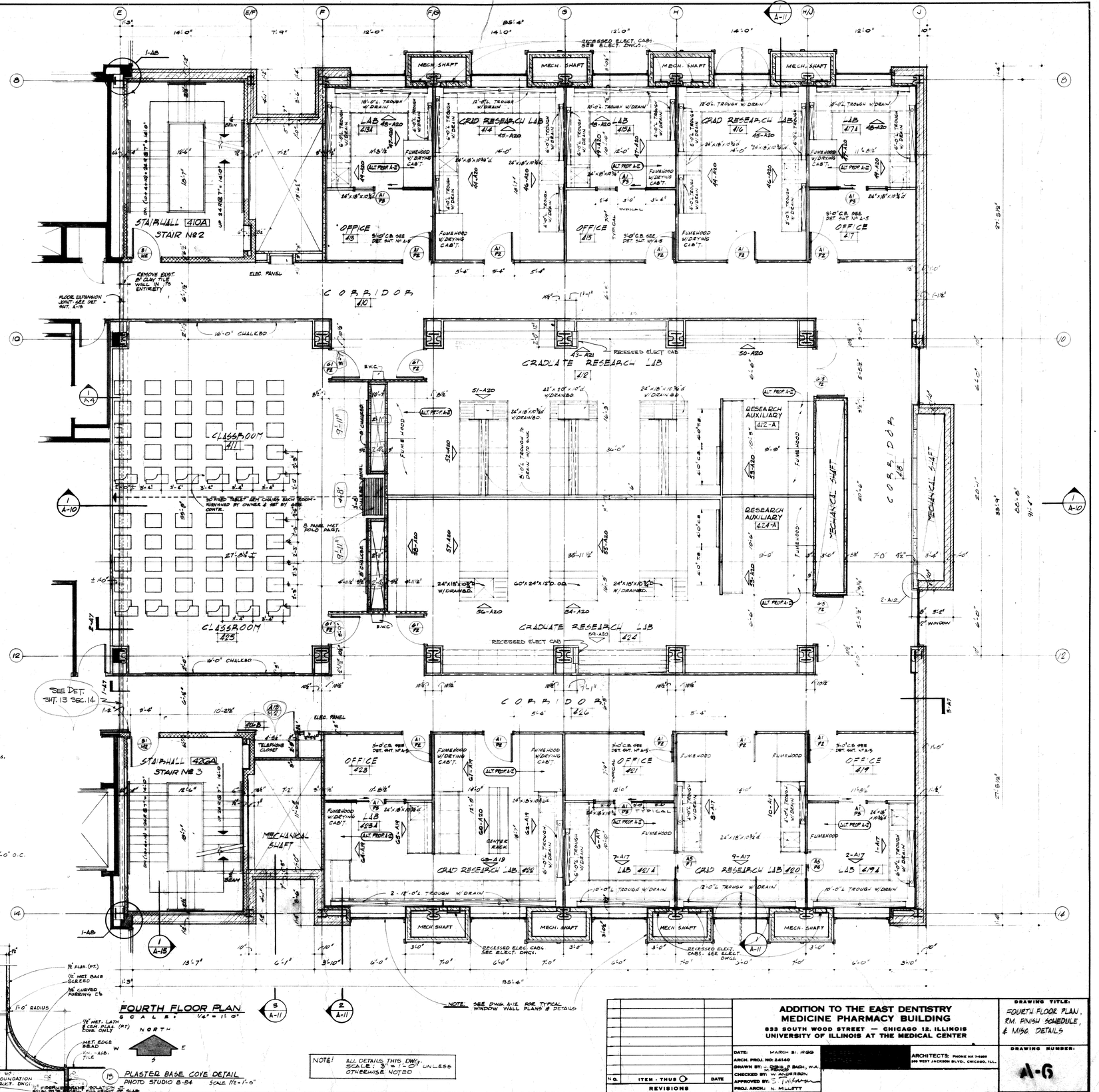
⑪ BASE DETAIL



⑫ CEILING COVE DETAIL PHOTO STUDIO B-54 SCALE 1 1/2" = 1'-0"



⑬ PLASTER BASE COVE DETAIL PHOTO STUDIO B-54 SCALE 1 1/2" = 1'-0"


STAIRHALL 410A
STAIR NO 2
OFFICE 415
CORRIDOR 410
CLASSROOM 411
GRAD RESEARCH LAB 414
GRAD RESEARCH LAB 416
LAB 415A
LAB 417A
OFFICE 417
RESEARCH AUXILIARY 412-A
GRADUATE RESEARCH LAB 412
RECESSED ELECT. CAB.
REMOVE EXIST. 8" CLAY TILE WALL IN ITS ENTIRETY
FLOOR EXPANSION JOINT. SEE DET. SHT. A-18
16'-0" CHALKBD
CLASSROOM 425
RESEARCH AUXILIARY 424-A
GRADUATE RESEARCH LAB 424
SEE DET. SHT. 13 SEC. 14
STAIRHALL 426A
STAIR NO 3
OFFICE 423
LAB 423A
MECHANICAL SHAFT
GRAD RESEARCH LAB 422
OFFICE 421
LAB 421A
OFFICE 419
LAB 419A
MECH. SHAFT
TECHNICAL SHAFT
RECESSED ELECT. CABS. SEE ELECT. DWGS.
ELEC. PANEL
FUMEHOOD W/ DRYING CAB'T.
3'-0" C.B. SEE DET. SHT. VA-2.5
ALT PROF A-2
ALT PROF A-3
ALT PROF A-4
24"x18'-0"x10 3/4" V.
42"x20'-0"x10'-0" W/DRAINBD.
60"x24"x120.00
24"x18"x10 3/4" W/ DRAINBD.
5'-0" L. TROUGH W/ DRAIN
10'-0" L. TROUGH W/ DRAIN
12'-0" L. TROUGH W/ DRAIN
2-12'-0" L. TROUGH W/ DRAIN
2-A12
2" WINDOW
1-AB
1-A10
1-A15
1-A11
1-A12
1-A7
2-A7
9-A7
B-A7
G5-A19
G6-A20
G7-A20
S5-A20
S6-A20
S7-A20
S8-A20
S9-A20
S10-A20
S11-A20
S12-A20
S13-A20
S14-A20
S15-A20
S16-A20
S17-A20
S18-A20
S19-A20
S20-A20
S21-A20
S22-A20
S23-A20
S24-A20
S25-A20
S26-A20
S27-A20
S28-A20
S29-A20
S30-A20
S31-A20
S32-A20
S33-A20
S34-A20
S35-A20
S36-A20
S37-A20
S38-A20
S39-A20
S40-A20
S41-A20
S42-A20
S43-A20
S44-A20

SCHEDULE OF INTERIOR MATERIALS AND FINISHES

SPACE		FLOOR		BASE		WALLS		CEILING			STOOL		REMARKS
ROOM	NUMBER	M.	F.	M.	F.	M.	F.	M.	F.	HGT.	M.	F.	
CORRIDOR	518	V.A.T.	W	VIN.	W.	M.P.	PT.	AC.T.	–	9'-0"	–	–	④ ⑦
STAIRHALL	518A	V.A.T.	W.	GL.T.	–	GL.T.	–	SUSPEND PAN	PT.	VARIES	–	–	⑤ ⑥
CLASSROOM	519	V.A.T.	W.	VIN.	W	M.P.	PT.	AC.T.	–	9'-0"	–	–	FOLD. PART. W/ BAKED ENAM. FINISH
INSTRUCTIONAL LAB.	520	V.A.T.	W.	VIN.	W.	M.P.	PT.	AC.T.	–	9'-0"	–	–	①
OFFICE	521	V.A.T.	W	VIN.	W.	M.P.	PT.	AC.T.	–	9'-0"	–	–	④
LAB.	521A	V.A.T.	W	VIN.	W.	M.P.	PT.	AC.T.	–	9'-0"	SLATE	W.	① ② ④ ⑤ ⑦
RESEARCH LAB.	522	V.A.T.	W.	VIN.	W.	M.P.	PT.	AC.T.	–	9'-0"	SLATE	W	① ② ④ ⑤
OFFICE	523	V.A.T.	W.	VIN.	W	M.P.	PT.	AC.T.	③	9'-0"	–	–	
LAB.	523A	V.A.T.	W	VIN.	W	M.P.	PT.	AC.T.	–	9'-0"	SLATE	W.	① ② ④ ⑤
RESEARCH LAB.	524	V.A.T.	W.	VIN.	W.	M.P.	PT.	AC.T.	–	9'-0"	SLATE	W.	① ② ④ ⑤
OFFICE	525	V.A.T.	W.	VIN	W	M.P.	PT.	AC.T.	–	9'-0"	–	–	⑦
LAB.	525A	V.A.T.	W.	VIN	W	M.P.	PT.	AC.T.	–	9'-0"	SLATE	W	① ② ④ ⑤ ⑦
CHEMISTRY INSTRUMENTATION	526A	V.A.T.	W.	VIN.	W.	M.P.	PT.	AC.T.	–	9'-0"	–	–	① ④ ⑤
CHEMISTRY INSTRUMENTATION	526B	V.A.T.	W	VIN.	W	M.P.	PT.	AC.T.	–	9'-0"	–	–	① ④ ⑤
CORRIDOR	527	V.A.T.	W.	VIN.	W.	M.P.	PT.	AC.T.	–	9'-0"	SLATE	W.	② ④ ⑦
OFFICE	528	V.A.T.	W.	VIN	W.	M.P.	PT.	AC.T.	–	9'-0"	–	–	⑦
LAB.	528A	V.A.T.	W	VIN.	W.	M.P.	PT.	AC.T.	–	9'-0"	SLATE	W.	① ② ④ ⑤ ⑦
RESEARCH LAB.	529	V.A.T.	W.	VIN.	W.	M.P.	PT.	AC.T.	–	9'-0"	SLATE	W.	① ② ④ ⑤
OFFICE	530	V.A.T.	W	VIN	W	M.P.	PT.	AC.T.	–	9'-0"	–	–	
LAB.	530A	V.A.T.	W	VIN	W.	M.P.	PT.	AC.T.	–	9'-0"	SLATE	W.	① ② ④ ⑤
RESEARCH LAB.	531	V.A.T.	W.	VIN.	W.	M.P.	PT.	AC.T.	–	9'-0"	SLATE	W.	① ② ④ ⑤
OFFICE	532	V.A.T.	W.	VIN	W.	M.P.	PT.	AC.T.	–	9'-0"	–	–	④
LAB.	532A	V.A.T.	W	VIN	W.	M.P.	PT.	AC.T.	–	9'-0"	SLATE	W	① ② ④ ⑤ ⑦
CLASSROOM	533	V.A.T.	W	VIN	W.	M.P.	PT.	AC.T.	–	9'-0"	–	–	FOLD. PART. W/ BAKED ENAM. FINISH
CORRIDOR	534	V.A.T.	W.	VIN.	W.	M.P.	PT.	AC.T.	–	9'-0"	–	–	④ ⑦
STAIRHALL	534A	V.A.T.	W.	GL.T.	–	GL.T.	–	SUSPEND PAN	PT.	VARIES	–	–	⑤ ⑥
STORAGE	534B	V.A.T.	W.	VIN.	W.	PLAS.	PT.	AC.T.	–	8'-0"	–	–	

① V.N. BASE UNDER CABS. (W.) BY GEN. CONTR.

② METAL DRAPE POCKET BY A.T. CONTR.

③ STEEL TROWELED CONC. TREADS & PLATFORMS - PAINTED STEEL RISERS, STRINGERS, HANDRAILS, & BALUSTERS

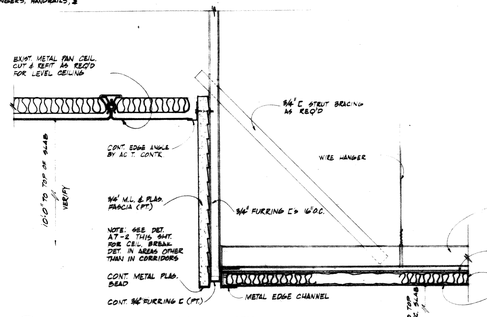
④ PLASTER ON MASONRY WALLS (NOT REQ'D BEHIND FUME HOODS)

⑤ VOID

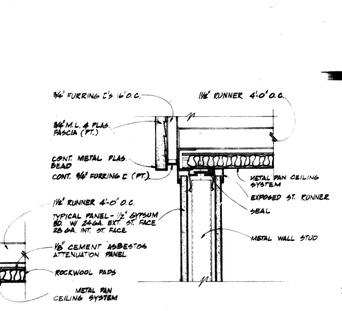
⑥ SPRAY GLAZE WALL SURFACE BETWEEN BASE CABS. & REAGENT SHELF TYPICALLY

⑦ FURRED PLASTERBD. @ EXTERIOR MASONRY WALLS - SEE DWG. A-12

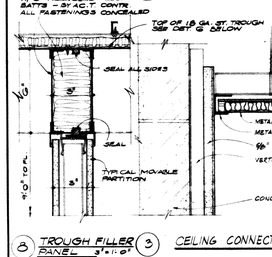
⑧ PLASTER SOFFIT UNDER FLOOR LANDING ONLY



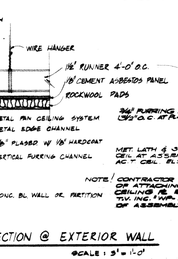
1 TYPICAL CEILING BREAK DETAIL
SCALE: 3" = 1'-0"



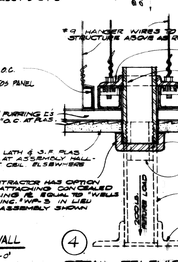
2 CEILING BREAK DETAIL & WALL CONNECTION
SCALE: 3" = 1'-0"



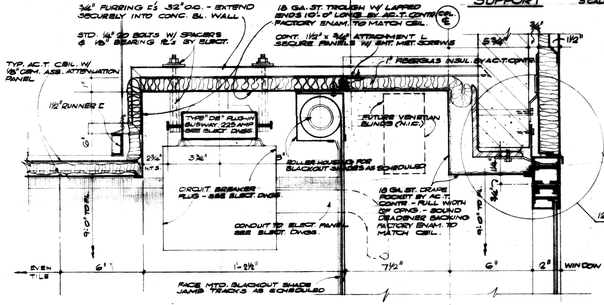
3 TROUGH FILLER PANEL 3" = 1'-0"



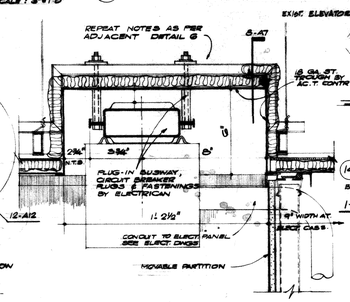
4 DETAIL - TELEVISION MONITOR SUPPORT
SCALE: 3" = 1'-0"



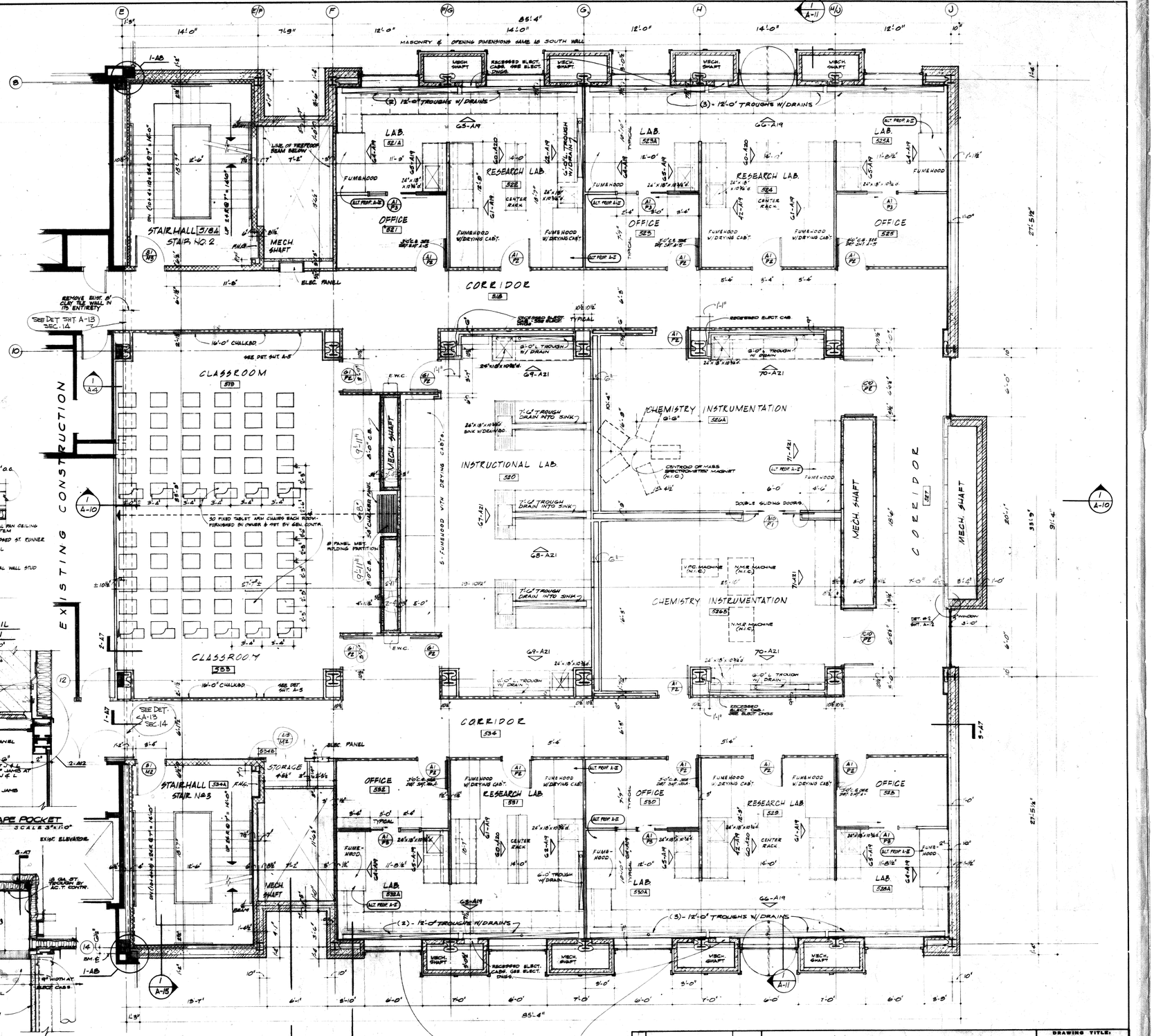
5 DETAIL - DRAPE POCKET
SCALE: 3" = 1'-0"



6 DETAIL - CEILING BUSWAY TROUGH AT DRAPE POCKET
SCALE: 3" = 1'-0"



7 DETAIL - TYPICAL CEILING BUSWAY TROUGH
SCALE: 3" = 1'-0"



FIFTH FLOOR PLAN
SCALE: 1/4" = 1'-0"

NORTH

NOTE: SEE DWG. A-12 FOR TYPICAL WINDOW WALL PLANS & DETAILS

NO.	ITEM - THUS	DATE
	REVISIONS	

ADDITION TO THE EAST DENTISTRY MEDICINE PHARMACY BUILDING
633 SOUTH WOOD STREET — CHICAGO 12, ILLINOIS
UNIVERSITY OF ILLINOIS AT THE MEDICAL CENTER

DATE: MARCH 31, 1966
ARCH. PROJ. NO: 24140
DRAWN BY: J. D'ERB, P. BACH, W.A.
CHECKED BY: W. ANDERSON
APPROVED BY: S. Tilkemeyer
PROJ. ARCH: N. MILLETT

ARCHITECTS: PHONE HA 7-5080
200 WEST JACKSON BLVD., CHICAGO, ILL.

DRAWING TITLE: FIFTH FLOOR PLAN, RM. FINISH SCHEDULE, & MISC. DETAILS

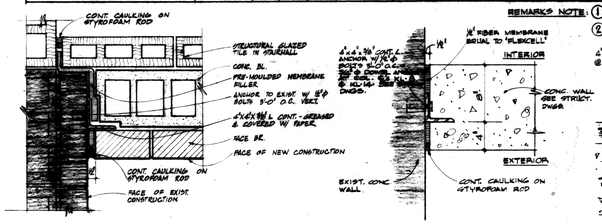
DRAWING NUMBER: A-7

924-13-7

SCHEDULE OF INTERIOR MATERIALS AND FINISHES

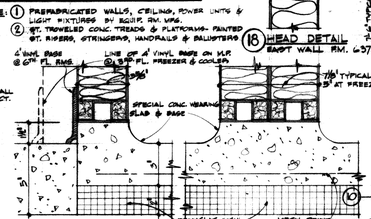
SPACE ROOM	NUMBER	FLOOR M.	FLOOR F.	BASE M.	BASE F.	WALLS M.	WALLS F.	CEILING M.	CEILING F.	CEILING HGT.	STOOL M.	STOOL F.	REMARKS
CONTROLLED ENVIRONMENTAL LAB.	637	CONC.	TR.	CONC. BL.	PT.	CONC. BL.	PT.	EXPOSED CONC.	–	10'-0" & 10'-6"	–	–	M.P. & PREFAB. ROOMS AT EAST WALL- VIN. BASE UNDER CAB.
ANIMAL STUDY	637A	SPEC. CONC.	TR.	SPEC. CONC.	TR.	SPEC. CONC.	PT.	BAKED ENAM.	ST.	7'-11"	–	–	(1)
PLANT GROWTH	637B	SPEC. CONC.	TR.	SPEC. CONC.	TR.	SPEC. CONC.	PT.	BAKED ENAM.	ST.	7'-5"	–	–	(1)
PLANT GROWTH	637C	SPEC. CONC.	TR.	SPEC. CONC.	TR.	SPEC. CONC.	PT.	BAKED ENAM.	ST.	7'-5"	–	–	(1)
PASSAGE	637D	CONC.	TR.	SPEC. CONC.	TR.	SPEC. CONC.	PT.	BAKED ENAM.	EXPOSED CONC.	7'-5"	–	–	PAINT & APPLY VINYL BASE TO M.P. AT EAST & WEST WALLS
PLANT GROWTH	637E	SPEC. CONC.	TR.	SPEC. CONC.	TR.	SPEC. CONC.	PT.	BAKED ENAM.	ST.	BAKED ENAM.	7'-5"	–	–	(1)
PLANT GROWTH	637F	SPEC. CONC.	TR.	SPEC. CONC.	TR.	SPEC. CONC.	PT.	BAKED ENAM.	ST.	BAKED ENAM.	7'-5"	–	–	(1)
STERILE TRANSFER	637G	SPEC. CONC.	TR.	SPEC. CONC.	TR.	SPEC. CONC.	PT.	BAKED ENAM.	ST.	BAKED ENAM.	7'-11"	–	–	(1)
PREP ROOM	638	CONC.	TR.	CONC. BL.	PT.	CONC. BL.	PT.	EXPOSED CONC.	–	10'-10" & 12'-0"	–	–	M.P. & PREFAB. ROOMS AT WEST WALL
MECHANICAL EQUIPMENT ROOM	639	CONC.	TR.	–	–	CONC. BL.	–	EXPOSED CONC.	–	12'-0" & 12'-10"	CONC. BL.	–	–
CORRIDOR	640	CONC.	TR.	CONC. BL.	–	CONC. BL.	–	EXPOSED CONC.	–	8'-0" & 8'-6"	–	–	–
STAIRHALL	640A	CONC.	TR.	QU. T.	–	QU. T.	–	EXPOSED CONC.	–	8'-0" & 8'-6"	–	–	(2)
CORRIDOR	641	CONC.	TR.	CONC. BL.	–	CONC. BL.	–	EXPOSED CONC.	–	8'-0" & 8'-6"	–	–	–
STAIRHALL	641A	CONC.	TR.	QU. T.	–	QU. T.	–	EXPOSED CONC.	–	8'-0" & 8'-6"	–	–	(2)
STORAGE	641B	CONC.	TR.	CONC. BL.	–	CONC. BL.	–	EXPOSED CONC.	–	8'-0" & 8'-6"	–	–	–

REMARKS NOTE: (1) PREFABRICATED WALLS, CEILING, POWER UNITS & LIGHT FIXTURES BY ECLIF. ENV. SYS. (2) QT. TROWELED CONC. TREADS & PLATFORMS- PAINTED ST. RISERS, STRINGERS, HANDRAILS & BALUSTERS

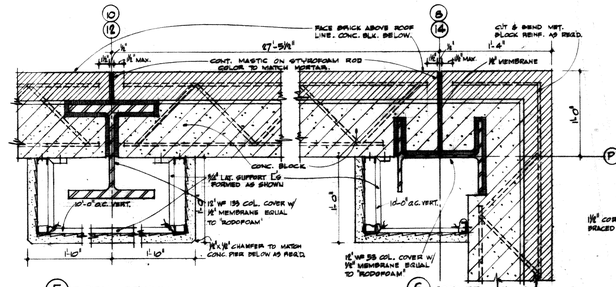


1 MASONRY CONTROL JOINT @ EXIST. CONSTRUCTION
SCALE: 1½" = 1'-0"

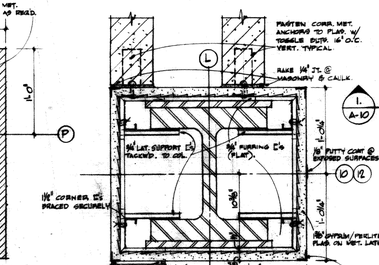
2 CONCRETE LINER ANGLE
SCALE: 1½" = 1'-0"



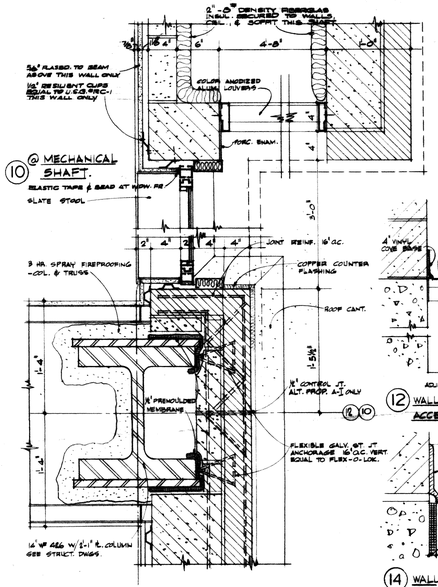
3 PERIMETER WALLS. 4 COMMON WALLS
CURB DETAILS ENVIRONMENTAL CONTROL & COOLER/FREEZER ROOMS
SCALE: 3" = 1'-0"



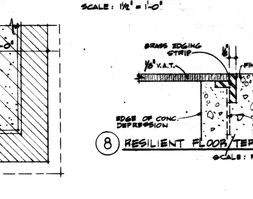
5 TYPICAL COLUMN
PLAN OF COLUMNS - EAST WALL OF PHOTO & TELEVISION STUDIOS.
SCALE: 1½" = 1'-0"



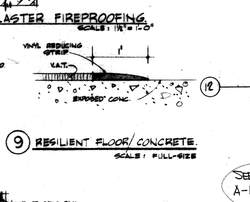
6 CORNER COLUMN
7 PLASTER FIREPROOFING.
SCALE: 1½" = 1'-0"



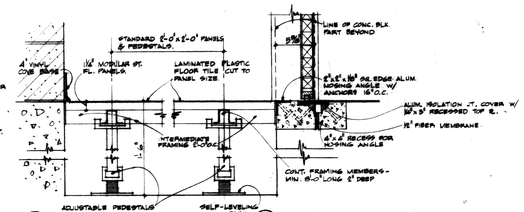
10 @ MECHANICAL SHAFT.
11 PLAN OF SECOND FLOOR EAST WALL
SCALE: 1½" = 1'-0"



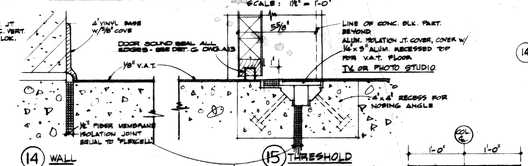
8 RESILIENT FLOOR/TERRAZZO
SCALE: FULL-SIZE



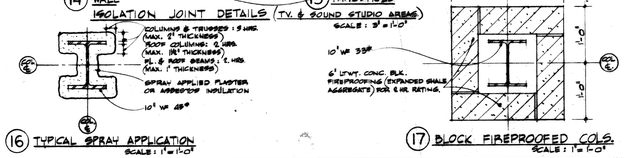
9 RESILIENT FLOOR/CONCRETE
SCALE: FULL-SIZE



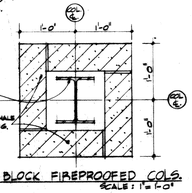
12 WALL ACCESS FLOOR DETAILS (TV. & SOUND STUDIO AREAS)
13 THRESHOLD
SCALE: 1½" = 1'-0"



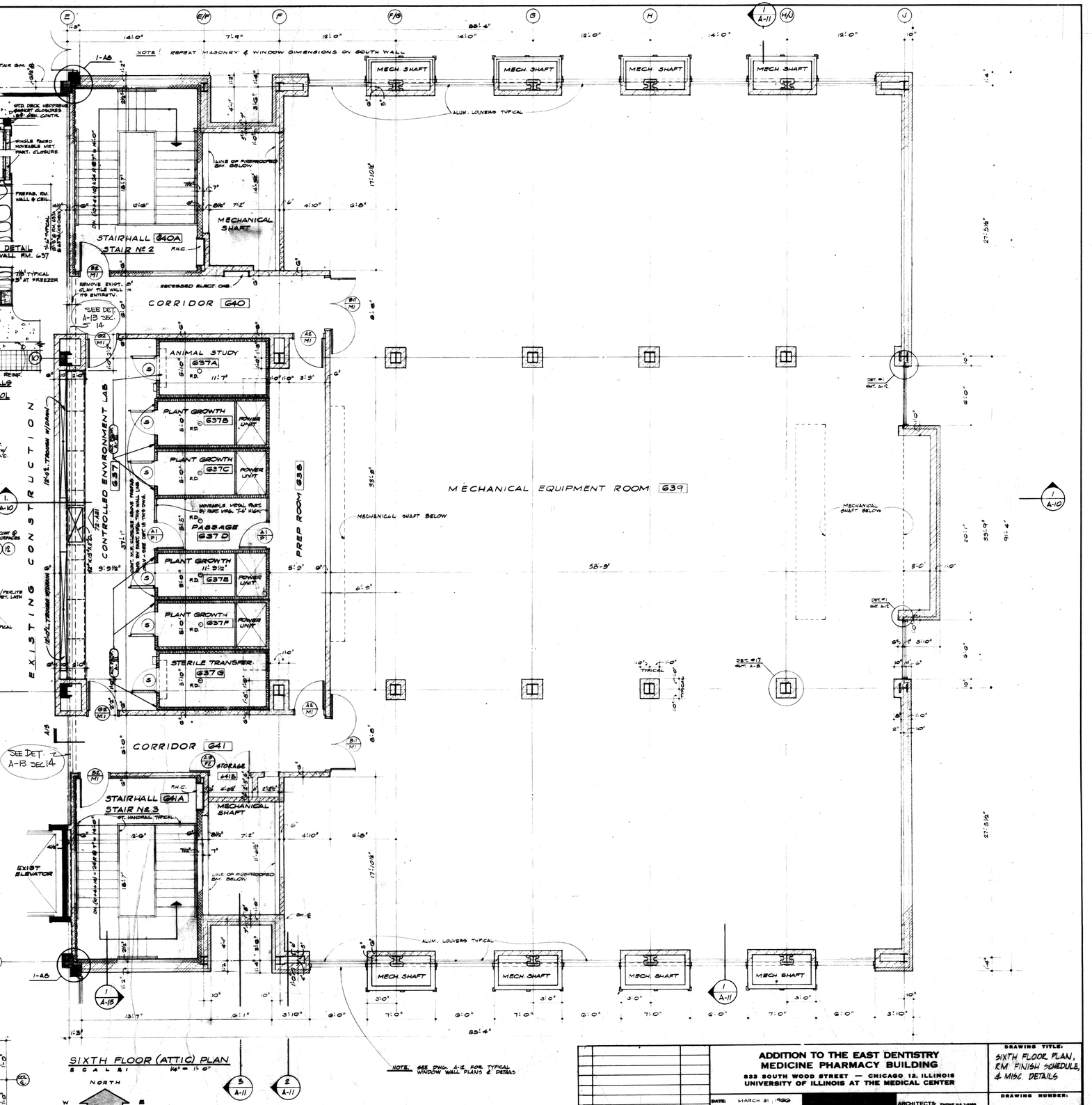
14 WALL ISOLATION JOINT DETAILS (TV. & SOUND STUDIO AREAS)
15 THRESHOLD
SCALE: 3" = 1'-0"



16 TYPICAL SPRAY APPLICATION
SCALE: 1" = 1'-0"



17 BLOCK FIREPROOFED COLS.
SCALE: 1" = 1'-0"



SIXTH FLOOR (ATTIC) PLAN
SCALE: ⅛" = 1'-0"



5 A-11
2 A-11

NOTE: SEE DWG. A-15 FOR TYPICAL WINDOW WALL PLANS & DETAILS

NO.	ITEM - THUS	DATE
	REVISIONS	

ADDITION TO THE EAST DENTISTRY MEDICINE PHARMACY BUILDING
833 SOUTH WOOD STREET — CHICAGO 12, ILLINOIS
UNIVERSITY OF ILLINOIS AT THE MEDICAL CENTER

DATE: MARCH 31, 1960
ARCH. PROJ. NO: 24140
DRAWN BY: J. DYDO, R. NOBLE, W.A.
CHECKED BY: W. ANDERSON
APPROVED BY: S. TLATLY
PROJ. ARCH.: N. MILLETT

ARCHITECTS: PHONE HA 7-6000
200 WEST JACKSON BLVD., CHICAGO, ILL.

DRAWING TITLE: SIXTH FLOOR PLAN, RM. FINISH SCHEDULE, & MISC. DETAILS

DRAWING NUMBER: A-8

924-1.3-8

SOUTH ELEVATION
SCALE: 1/8"=1'-0"

EAST ELEVATION
SCALE: 1/8"=1'-0"

NORTH ELEVATION
SCALE: 1/8"=1'-0"

1 SECTION THRU NORTH DOCK
SCALE: 1/4"=1'-0"

2 SECTION THRU WATERPROOFED SLAB
SCALE: 1/2"=1'-0"

3 DETAIL BETWEEN COL E & K & L
SCALE: 1 1/2"=1'-0"

4 TYPICAL ROOF/WALL
SCALE: 1 1/2"=1'-0"

5 TYPICAL ROOF/WINDOW WALL
SCALE: 1 1/2"=1'-0"

6 PLAN ABOVE COPING
SCALE: 1 1/2"=1'-0"

ADDITION TO THE EAST DENTISTRY MEDICINE PHARMACY BUILDING

633 SOUTH WOOD STREET — CHICAGO 12, ILLINOIS
UNIVERSITY OF ILLINOIS AT THE MEDICAL CENTER

DRAWING TITLE: EXTERIOR ELEVATIONS & SECTION THRU NORTH DOCK

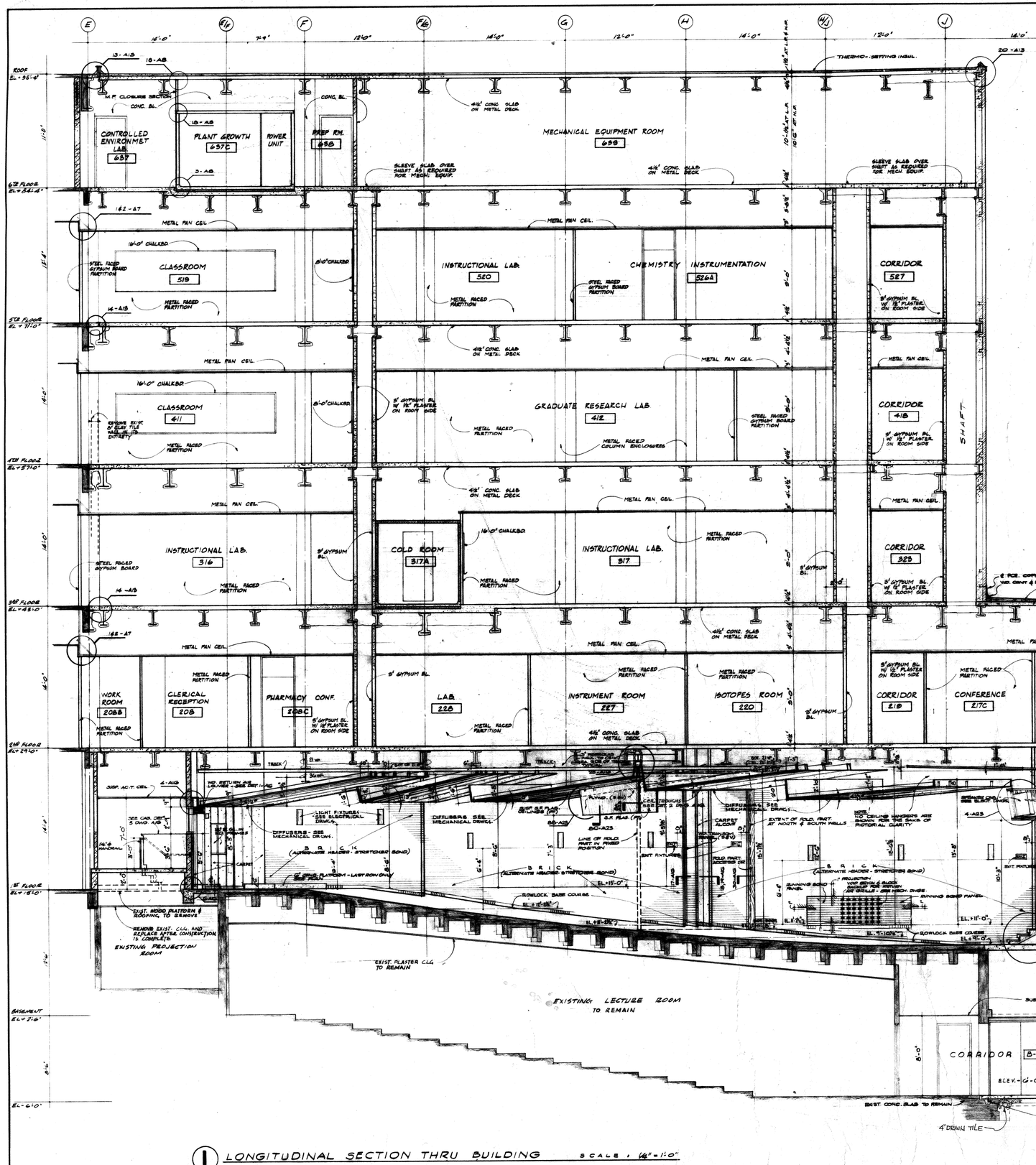
DRAWING NUMBER: A-9

DATE: MARCH 9, 1960
ARCH. PROJ. NO: 24140
DRAWN BY: KAA-HB
CHECKED BY: MJD/EEJ
APPROVED BY: S.T.L.
PROJ. ARCH: MILLET

THE PERKINS & WILL PARTNERSHIP
ARCHITECTS: PHONE HA 7-8900
200 WEST JACKSON BLVD., CHICAGO, ILL.

NO. ITEM - THUS ◇ DATE
REVISIONS

9247-1-B-9



ADDITION TO THE EAST DENTISTRY MEDICINE PHARMACY BUILDING

833 SOUTH WOOD STREET — CHICAGO 12, ILLINOIS
UNIVERSITY OF ILLINOIS AT THE MEDICAL CENTER

DRAWING TITLE: BUILDING SECTIONS & DETAILS

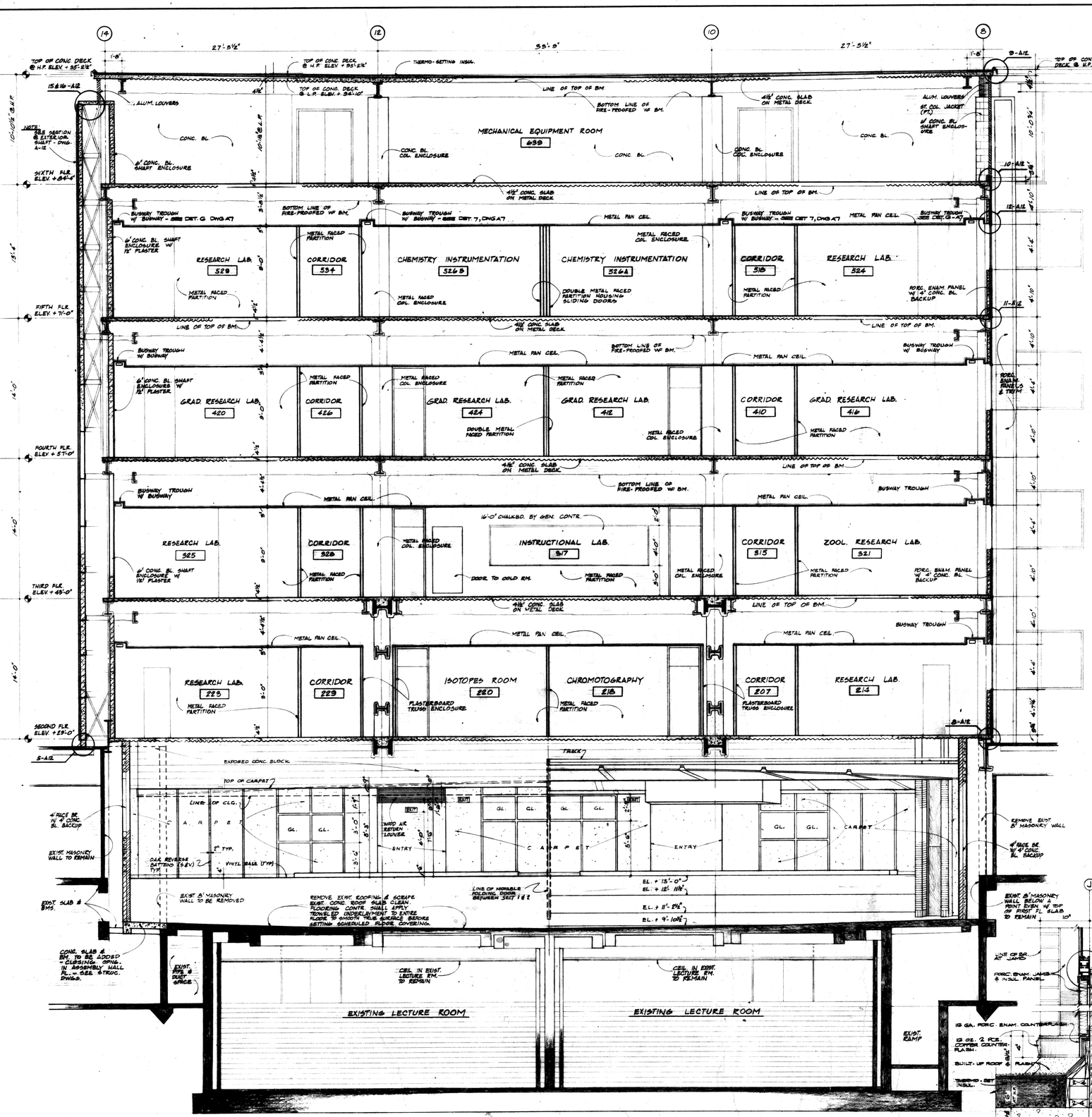
DRAWING NUMBER: A-10

DATE: MARCH 31, 1965
ARCH. PROJ. NO: 24140
DRAWN BY: J. DYBS, M. FRANCO
CHECKED BY: W. ANDERSON
APPROVED BY: S. TURNER
PROJ. ARCH.: N. MILLETT

ARCHITECTS: PHONE HA 7-2200
200 WEST JACKSON BLVD., CHICAGO, ILL.

NO.	ITEM - THUS Δ	DATE
	REVISIONS	

924-1.3-18



1 TRANSVERSE BUILDING SECTION
SCALE: 1/16"=1'-0"

2 WALL SECTION THRU EXTERIOR MASONRY - NORTH & SOUTH WALLS
SCALE: 1½"=1'-0"

3 WALL SECTION BETWEEN COL. 8/6 & F
SCALE: 1½"=1'-0"

4 WALL SECTION BETWEEN COL. J & K SOUTH WALL
(NORTH SIMILAR ABOVE STAIR LANDING)
SCALE: 1½"=1'-0"

5 WINDOW SILL & BASE AT 3.60 FL.
SCALE: 1½"=1'-0"

6 HEAD AT LOUVER

7 SILL AT LOUVER
DETAILS MECH. SHAFT COL. L
SCALE: 1½"=1'-0"

ITEM - THUS	NO.	DATE
REVISIONS		

ADDITION TO THE EAST DENTISTRY MEDICINE PHARMACY BUILDING
833 SOUTH WOOD STREET — CHICAGO 12, ILLINOIS
UNIVERSITY OF ILLINOIS AT THE MEDICAL CENTER

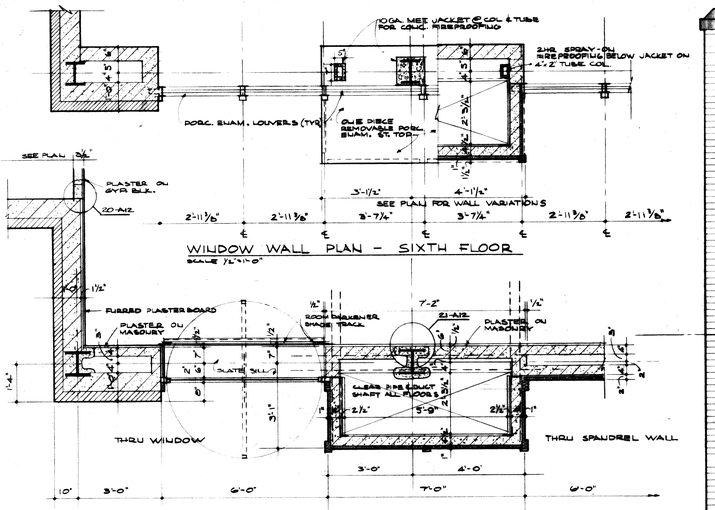
DRAWING TITLE: TRANSVERSE BLDG. SECTION & WALL SECTIONS & DETAILS

DATE: MARCH 31, 1960
ARCH. PROJ. NO. 24140
DRAWN BY: J.W.DYBIS
CHECKED BY: W.C. ANDERSON
APPROVED BY: S. TURSMAN
PROJ. ARCH.: N. MILLET

THE PERKINS & WILL PARTNERSHIP
ARCHITECTS: PHONE HA 7-8900
308 WEST JACKSON BLVD., CHICAGO, ILL.

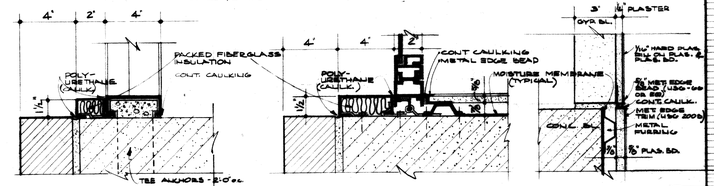
DRAWING NUMBER: A-11

924-13-11



WINDOW WALL PLAN - SIXTH FLOOR
SCALE 1/2"=1'-0"

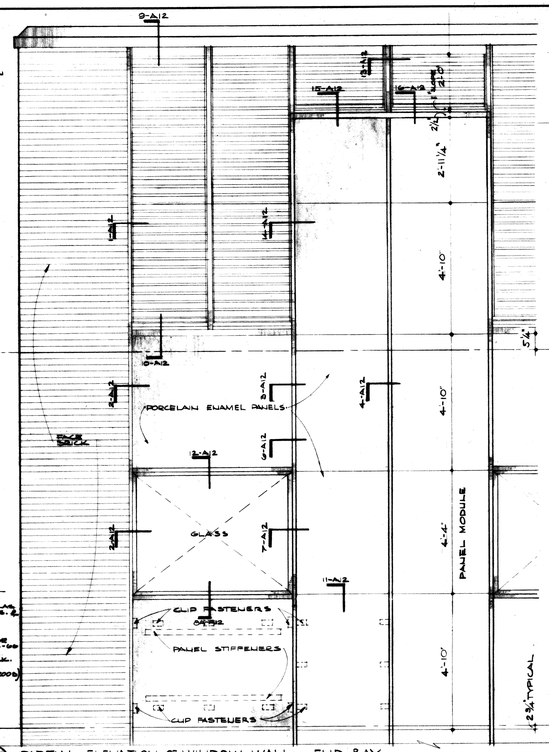
WINDOW WALL PLAN TYPICAL FLOOR
SCALE 1/2"=1'-0"



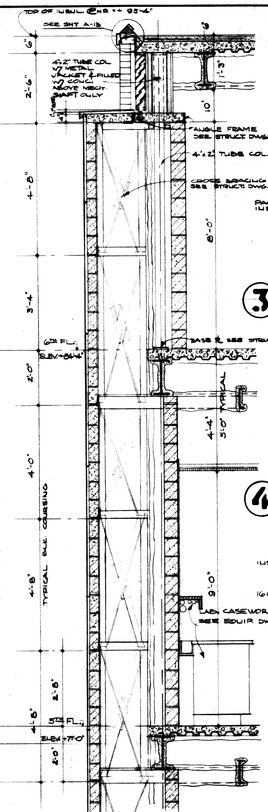
1 LOUVER JAMB @ BRICK
SCALE 3"=1'-0"

2 WINDOW JAMB @ BRICK SPANDREL JAMB SIMILAR
SCALE 3"=1'-0"

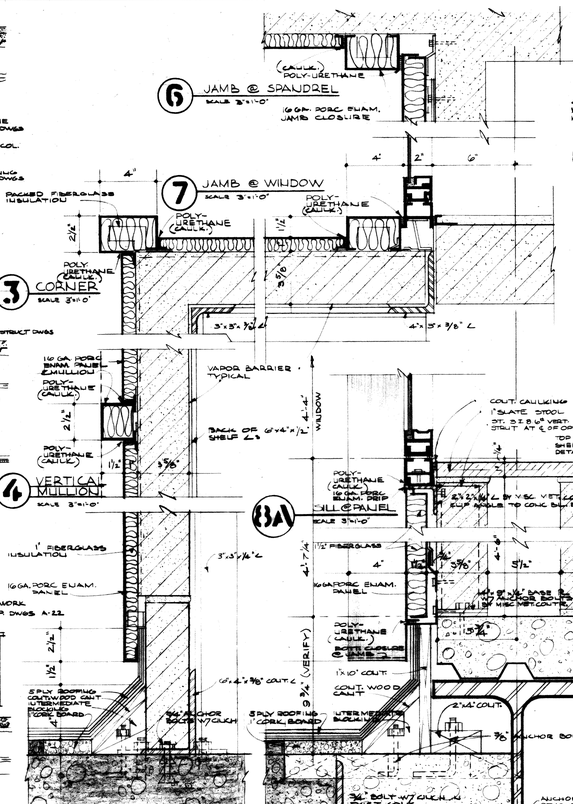
20 DETAIL @ PLASTER FACING ADJACENT GLASS
SCALE 3"=1'-0"

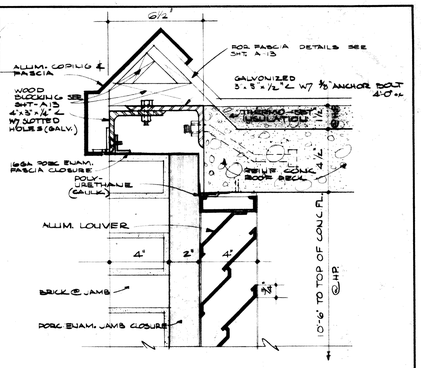


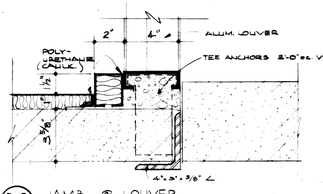
17 PARTIAL ELEVATION OF WINDOW WALL - END BAY
SCALE 1/2"=1'-0"



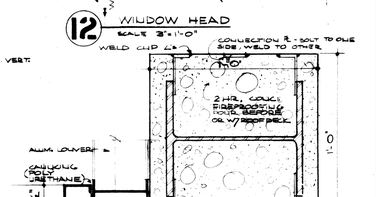
18 SECTION @ EXTERIOR SHAFT
SCALE 1/2"=1'-0"



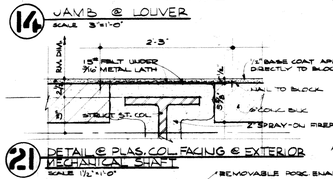




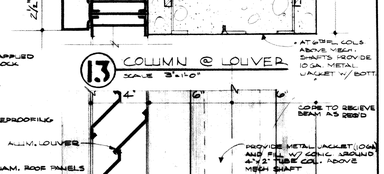
14 JAMB @ LOUVER
SCALE 3"=1'-0"



13 COLUMN @ LOUVER
SCALE 3"=1'-0"

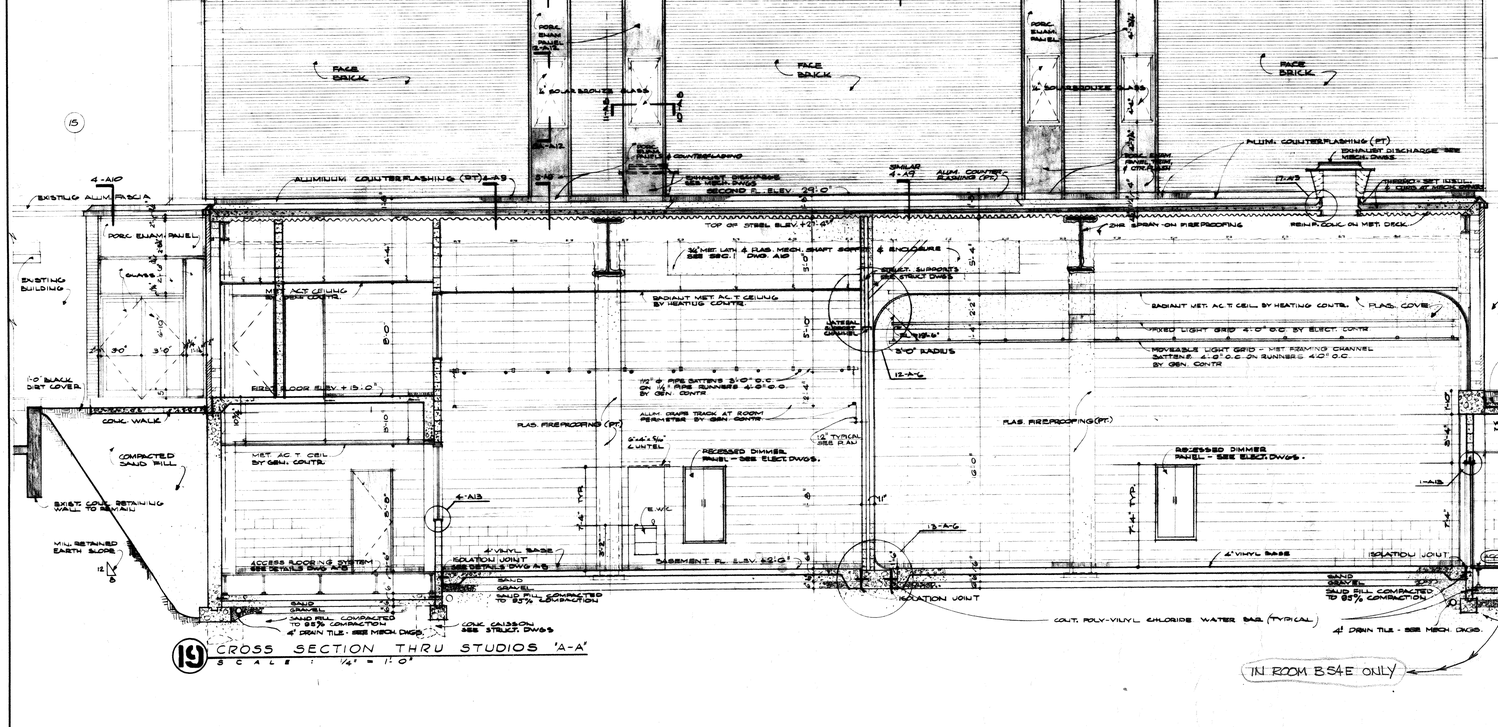


21 DETAIL @ PLAS. COL. FACING @ EXTERIOR MECHANICAL SHAFT
SCALE 1 1/2"=1'-0"



15 DRIP @ ROOF
SCALE 3"=1'-0"

16 SILL @ ROOF
SCALE 3"=1'-0"



19 CROSS SECTION THRU STUDIOS 'A-A'
SCALE 1/4" = 1'-0"

NO.	ITEM - THUS ○	DATE
	REVISIONS	

ADDITION TO THE EAST DENTISTRY MEDICINE PHARMACY BUILDING
833 SOUTH WOOD STREET — CHICAGO 12, ILLINOIS
UNIVERSITY OF ILLINOIS AT THE MEDICAL CENTER

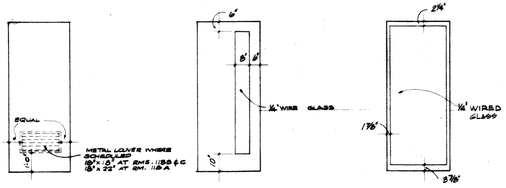
DATE: MARCH 31, 1956
ARCH. PROJ. NO: 54140
DRAWN BY: T. KAMIS
CHECKED BY: W. ANDERSON
APPROVED BY: S. HALL
PROJ. ARCH.: N. WYATT

THE PERKINS & WILL PARTNERSHIP
ARCHITECTS: PHONE HA 1-9500
300 WEST JACKSON BLVD., CHICAGO, ILL.

DRAWING TITLE:
BUILDING SECTION & WINDOW WALL DETAILS

DRAWING NUMBER:
A-12

924-1.3-12



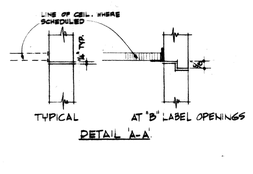
A - HOLLOW METAL
B - HOLLOW METAL "B" LABEL, 1½ HR.
C - SOLID WOOD CORE W/ LOUVER
D - SOLID WOOD CORE
E - SOUNDPROOF SOLID WOOD CORE
F - SOUNDPROOF SOLID WOOD CORE "B" LABEL

G - HOLLOW METAL

H - TUBULAR ALUMINUM NARROW STILE

DOOR TYPE ELEVATIONS

NO SCALE



DETAIL A-A

DOOR SIZE SCHEDULE	
NUMBER	SIZE
1	3'-0" X 7'-0" X 1¾"
2	3'-0" X 7'-5" X 1¾"
3	3'-0" X 7'-5" X 2¼"
4	3'-8" X 7'-1" X 2¼"
5	2'-8" X 7'-0" X 1¾"
6	2'-2" X 7'-1" X 2¼"
7	PR. 3'-0" X 7'-5" X 1¾"
8	PR. 3'-0" X 7'-5" X 1¾"
9	PR. 3'-0" X 7'-1" X 2¼"
10	PR. 3'-0" X 7'-0" X 1¾"
11	PR. 2'-8" X 7'-2" X 2¼"
12	PR. 2'-6" X 7'-2" X 2¼"
13	PR. 2'-6" X 7'-5" X 1¾"
14	PR. 2'-8" X 7'-2" X 2¼"
15	(1) 3'-0" X 7'-0" X 1¾" (1) 3'-0" X 7'-10" X 1¾"
16	2'-8¾" X 7'-3" X 1¾"
17	2'-2" X 7'-4" X 1¾"
18	2'-2" X 7'-4" X 1¾"
19	PR. 2'-0" X 7'-0", 1¾"
20	11'-0" X 15'-8" X 2¼" (JOB CHECK)

(P) 3'-0" X 7'-0" X 3" SOLID CORE WD DOOR IN ROLD. PART. BY ROLD. PART. MFRS.

(EX) EXISTING DOOR & FRAME TO REMAIN

(E) EXISTING DOOR & FRAME REMOVED

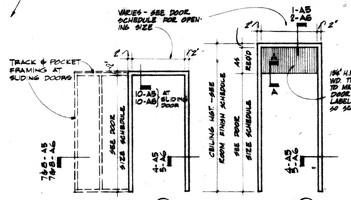
(S) SPECIAL INSUL. FORMED PLASTIC DOOR BY PREFAB ROOM MFR. 2'-6" X 6'-6"

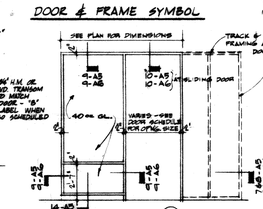
(R) RELOCATED EXISTING DOOR, FRAME & HARDWARE

DOOR & FRAME SYMBOL

DOOR TYPE / FRAME MATERIAL — B4 / W1 — DOOR SIZE / FRAME ELEVATION

A - ALUMINUM
M - HOLLOW METAL ("B" LABEL WHEN DOOR IS SO SCHEDULED)
P - PARTITION FRAME (HOLLOW METAL AS PROVIDED BY PARTITION MFR.)
W - WOOD

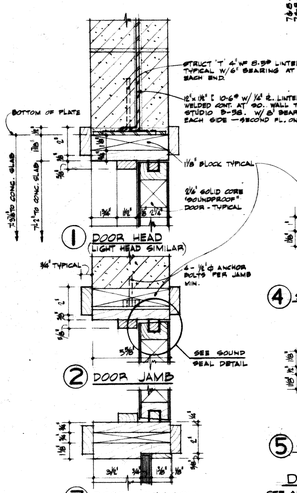




DOOR FRAME ELEVATIONS		
NUMBER	TYPE	DWG. REFERENCE
4	WD.	ELEV. DWG. A-16 SEC. A-A. DWG. A-12
5	WD.	ELEV. DWG. A-14 SEC. A-A DWG. A-12
6	ALUM.	SEC. A-A DWG. A-15 SEC. B-B DWG. A-10
7	H.M.	NTH. ELEV. DWG. A-9 NTH ELEV DWG A-2.3

DOOR FRAME ELEVATIONS

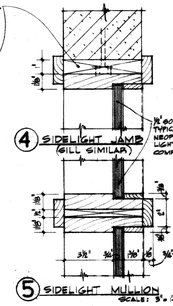
NO SCALE



1 DOOR HEAD (LIGHT HEAD SIMILAR)

2 DOOR JAMB

3 DOOR MULLION SCALE: 3" = 1'-0"

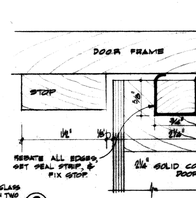


4 SIDELIGHT JAMB (SILL SIMILAR)

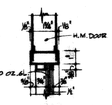
5 SIDELIGHT MULLION SCALE: 3" = 1'-0"

DOOR DETAILS

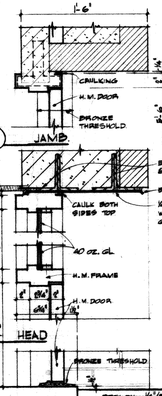
SEE ASSEMBLY HALL DOOR DETAILS DWG. A-16

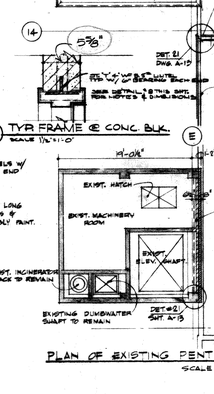


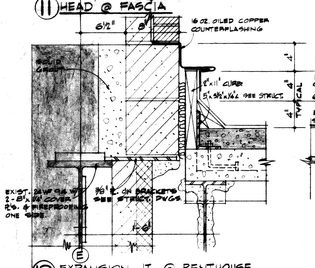
6 SOUND SEAL DETAIL (ALL FOUR DOOR EDGES) FULL SCALE.

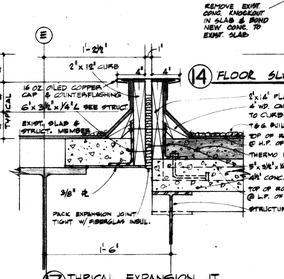


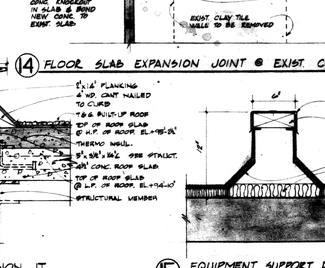
7 DOOR GLAZING STOP DETAIL SCALE: 3" = 1'-0"

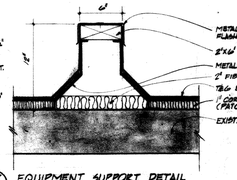


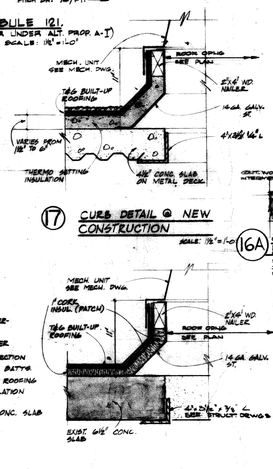


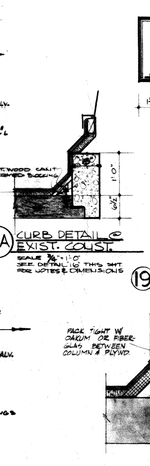


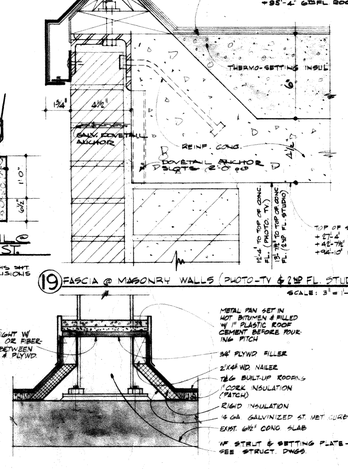


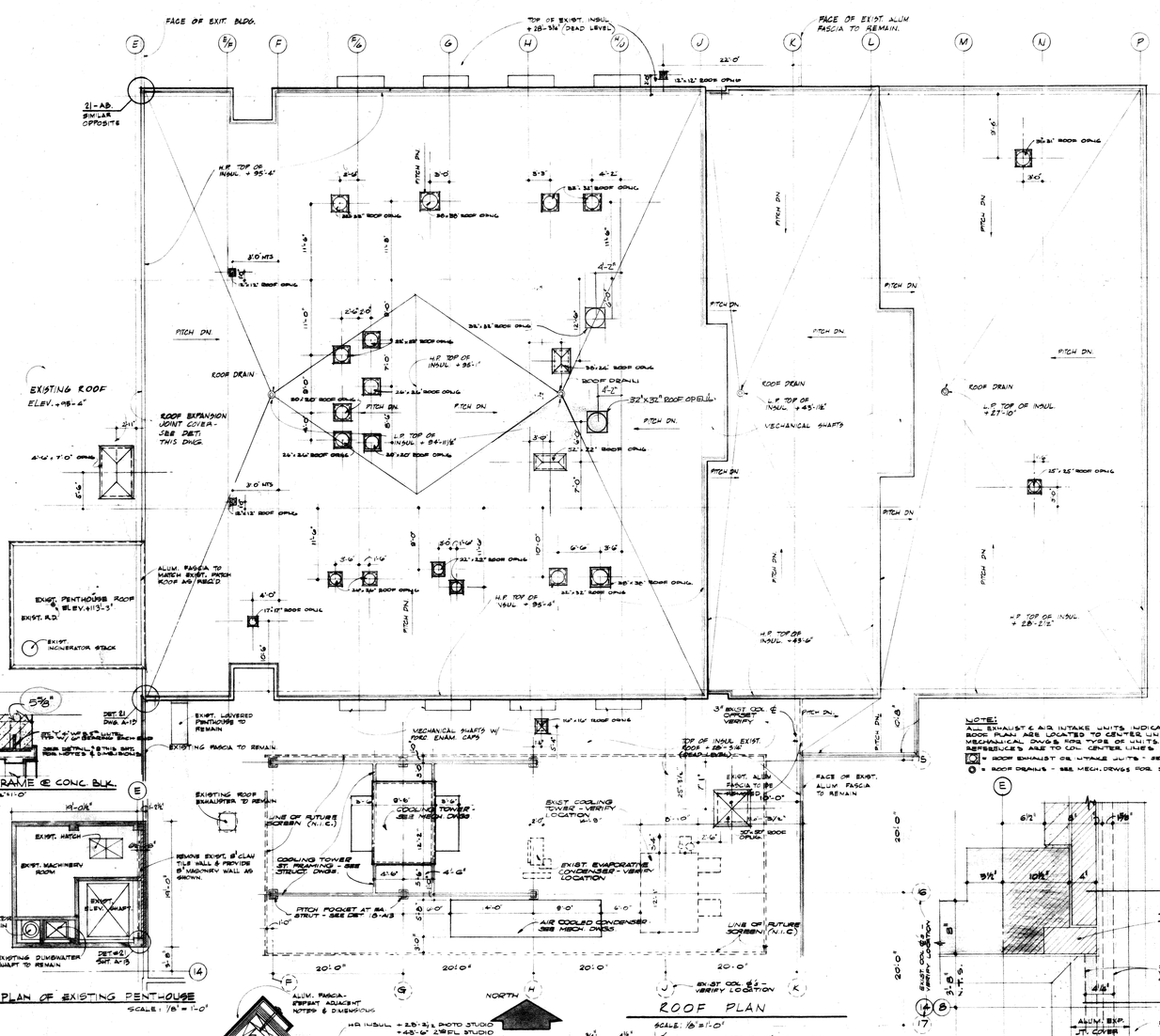












NO.	ITEM - THUS ⬡	DATE
	REVISIONS	

ADDITION TO THE EAST DENTISTRY MEDICINE PHARMACY BUILDING
833 SOUTH WOOD STREET — CHICAGO 12, ILLINOIS
UNIVERSITY OF ILLINOIS AT THE MEDICAL CENTER

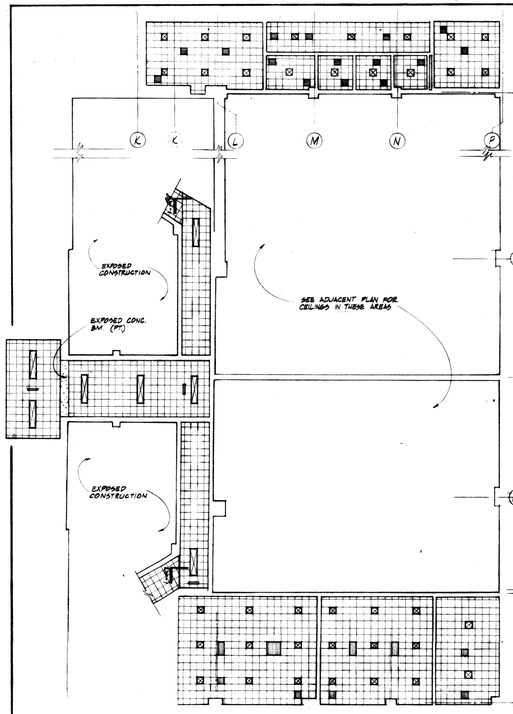
DATE: MARCH 21, 1960
ARCH. PROJ. NO: 24140
DRAWN BY: T. KAMIS, J. DIBS, R.NOE
CHECKED BY: W. ANDERSON
APPROVED BY: S. T. Wilkinson
PROJ. ARCH.: N. MILLETT

THE PERKINS & WILL PARTNERSHIP
ARCHITECTS: PHONE HA 7-3000
300 WEST JACKSON BLVD., CHICAGO, ILL.

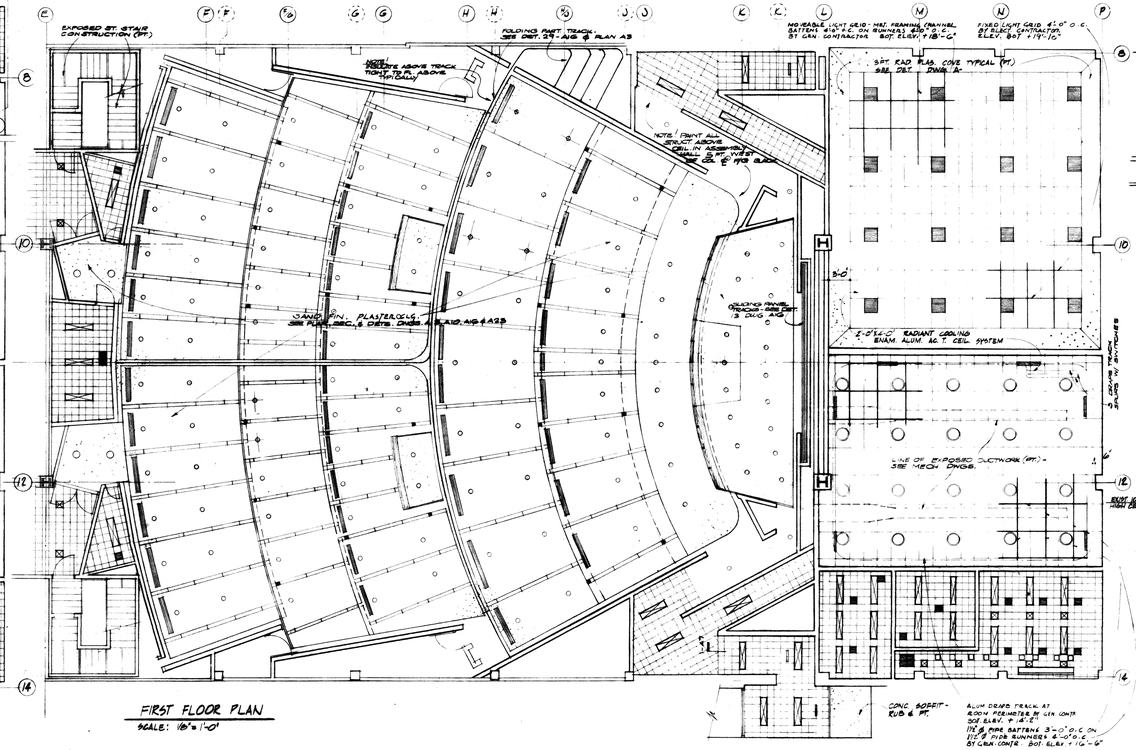
DRAWING TITLE:
DOOR & FRAME SCHEDULE & DETS - ROOF PLAN & DETS.

DRAWING NUMBER:
A-13

924-13-13



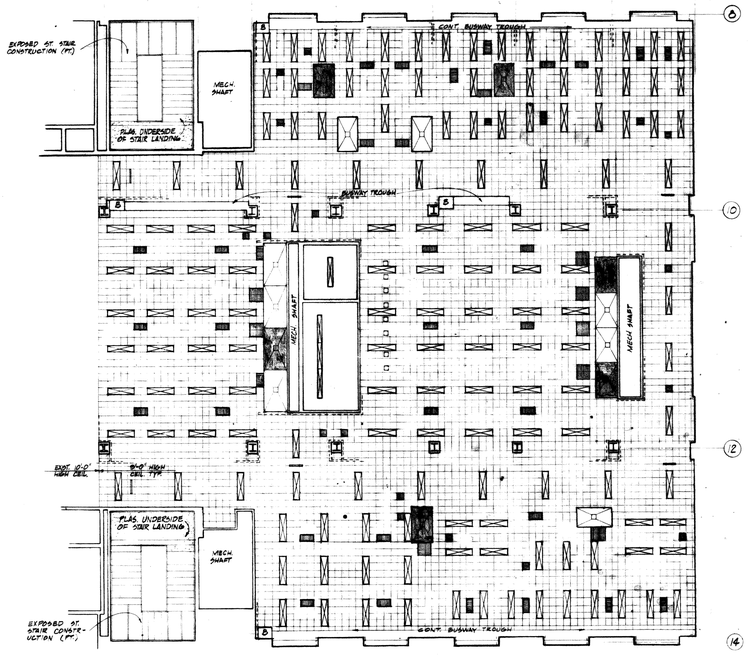
BASEMENT FLOOR PLAN
SCALE: 1/8" = 1'-0"



FIRST FLOOR PLAN
SCALE: 1/8" = 1'-0"



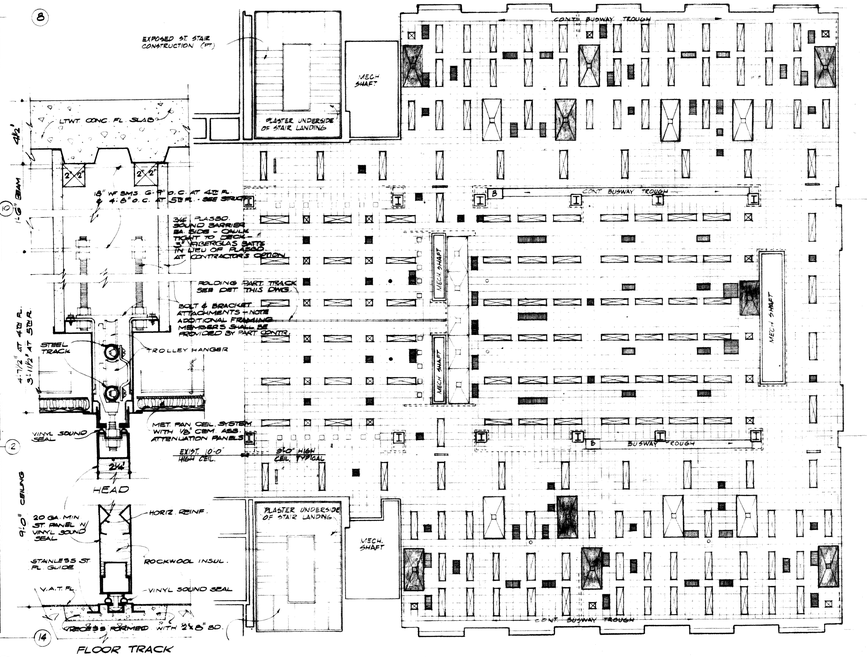
SECOND FLOOR PLAN
SCALE: 1/8" = 1'-0"



THIRD FLOOR PLAN
SCALE: 1/8" = 1'-0"



FOURTH FLOOR PLAN
SCALE: 1/8" = 1'-0"



FIFTH FLOOR PLAN
SCALE: 1/8" = 1'-0"

KEY ALL CEILING HEIGHTS SHOWN RELATIVE TO FLOOR SLAB BELOW.

- 4'-0" x 2'-0" — RECESSED FLUORESCENT LIGHT FIXTURE - SEE ELEC. DWGS.
- 1'-0" x 1'-0" — RECESSED INCANDESCENT LIGHT FIXTURE - SEE ELEC. DWGS.
- FUME HOODS - SEE MECH. & EQUIP. DWGS. DIET. DWG. A2.1
- DIFFUSER OR GRILLE - SEE MECH. DWGS
- EXIT SIGN - SEE ELEC. DWGS.
- WIRE MTD. INCANDESCENT LIGHT FIXTURE - SEE ELEC. DWGS.
- EMERGENCY SHOWER HEADS - SEE MECH. DWGS.
- MOVABLE METAL PARTITIONS - SEE MECH. DWGS
- ENAM. ST. 2'x2' AC. T. CEIL. PATTERN 2'x1'-2" FAN CONSTRUCTION - SEE MECH. DWGS. FOR RADIANT CEILS. ENTS. B-5.4 & B-5.8
- CHALKBD. FIXTURE - SEE ELECT. DWGS
- FUME HOODS TO BE DELETED UNDER ALT. PROPOSAL A-11 - CEIL. CONSTR. SHALL REMAIN AS IN AREA SHOWN AS PART OF THIS PROPOSAL
- "TELEVISION MONITOR SUPPORT - SEE DET. & DWG. A7
- [B] "TAP BOXES" FOR BUSWAY DUCTS - SEE ELECT. DWGS.

NORTH

1 CLASSROOM FOLDING PARTITION DETAIL BETWEEN RMS. 411 - 425 & 519-535 SCALE: 3"=1'-0"

FLOOR TRACK

NO.	ITEM - THUS ◇	DATE
	REVISIONS	

ADDITION TO THE EAST DENTISTRY MEDICINE PHARMACY BUILDING

833 SOUTH WOOD STREET — CHICAGO 12, ILLINOIS
UNIVERSITY OF ILLINOIS AT THE MEDICAL CENTER

DRAWING TITLE: REFLECTED CEILING PLANS

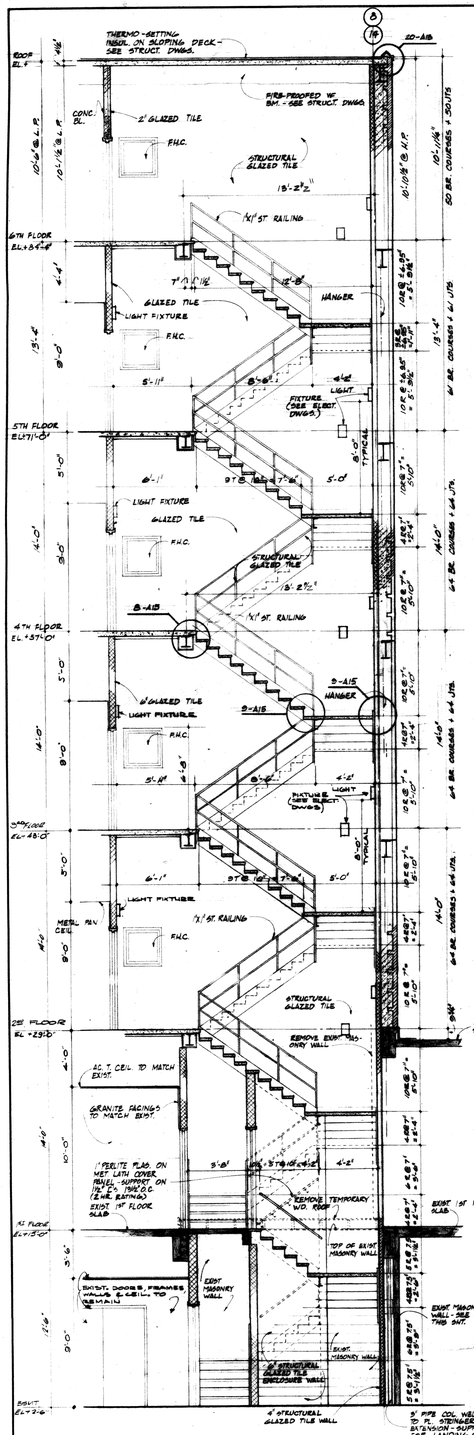
DRAWING NUMBER: A-14

DATE: MARCH 31, 1966
ARCH. PROJ. NO. 64140
DRAWN BY: J. D'ERCO, M.
CHECKED BY: W. ANDERSON
APPROVED BY: S. TWITCHELL
PROJ. ARCH.: N. MILLETT

THE PERKINS & WILL PARTNERSHIP

ARCHITECTS: PHONE HA 7-5900
300 WEST JACKSON BLVD., CHICAGO, ILL.

924-1.5-14


THERMO-SETTING INSUL. ON SLOPING DECK - SEE STRUCT. DWGS.
ROOF EL. +
FIRE-PROOFED W. BM. - SEE STRUCT. DWGS.
CONC. SL.
2' GLAZED TILE
F.H.C.
STRUCTURAL GLAZED TILE
15'-2½"
1¼" ST. RAILING
6TH FLOOR EL. +
4'-4"
7'-11⅞"
12'-8"
HANGER
GLAZED TILE
LIGHT FIXTURE
F.H.C.
13'-4"
8'-0"
5'-11"
8'-6"
4'-8"
LIGHT
FIXTURE (SEE ELECT. DWGS.)
8'-0" TYPICAL
5TH FLOOR EL. +
5'-0"
8'-1"
9 T. @ 8"
7'-6"
5'-0"
LIGHT FIXTURE
GLAZED TILE
F.H.C.
4'-0"
8'-0"
STRUCTURAL GLAZED TILE
15'-2½"
1¼" ST. RAILING
B-A15
4TH FLOOR EL. +
5'-0"
B-A15
HANGER
B-A15
6" GLAZED TILE
LIGHT FIXTURE
F.H.C.
14'-0"
8'-0"
5'-4"
6'-4"
4'-2"
LIGHT
FIXTURE (SEE ELECT. DWGS.)
3RD FLOOR EL. +
5'-0"
6'-1"
9T @ 8"
7'-6"
5'-0"
LIGHT FIXTURE
F.H.C.
1¼" ST. RAILING
METAL PAN CEIL.
STRUCTURAL GLAZED TILE
REMOVE EXIST. WD. ONLY WALL
EXIST. ROOF SLAB
2ND FLOOR EL. +
4'-0"
A.C.T. CEIL. TO MATCH EXIST.
GRANITE FACING TO MATCH EXIST.
5'-8"
4'-2"
"PERITE FURR. ON MET. LATH COVER PANEL SUPPORT ON 1½" C.T. 19½ O.C. (1 HR. RATING)
REMOVE TEMPORARY WD. ROOF
EXIST. 1ST FLOOR SLAB
1ST FLOOR EL. +
5'-0"
EXIST. MASONRY WALL
EXIST. DOORS, FRAMES, WALLS & CEIL. TO REMAIN
EXIST. MASONRY WALL
EXIST. MASONRY WALL - SEE PLAN THIS SHT.
6" STRUCTURAL GLAZED TILE ENCLOSURE WALL
4" STRUCTURAL GLAZED TILE WALL
5" PIPE COL. WELDED TO FL. STRINGER EXTENSION - SUPPORT FOR LANDING @ STAIRWALL B-56C & B-56D
BASIT EL. -2'-6"
10'-10⅛" @ L.P.
10'-11⅛" @ L.P.
10'-10⅜" @ H.P.
10'-11⅛"
20 RR. COURSES = 10 UTS.
10'-6" @ L.P.
10'-6" @ H.P.
10'-6

HALF ELEVATION WEST FACE
FOLDING PARTITION @ CENTER LINE H
1/4" = 1'-0"

HALF ELEVATION EAST FACE
FOLDING PARTITION @ CENTER LINE H
1/4" = 1'-0"

EAST ELEVATION ASSEMBLY HALL 118
1/4" = 1'-0"

1 SECTION - VESTIBULE LOUVER

2 TYPICAL PLASTER LIGHT TROUGH

3 TYPICAL ACOUSTIC WALL MULLION

4 HEAD

5 CABINET

6 BASE
SECTION - PROJECTION ROOM WALL

7 HEAD

8 JAMB
STAIR DOOR FRAMES

9 HEAD AT STORAGE RMS.

10 TYPICAL HEAD

11 HEAD AT TRANSOM

WOOD DOOR FRAMES

12 JAMB

ENTRY VESTIBULE FRAMES

13 HEAD

14 BASE

15 STAIR
PLATFORM DETAILS

16 JAMB AT SLIDING PANELS

17 STORAGE DOOR

18 ACOUSTIC ALCOVE

19 LOUVER
MISCELLANEOUS JAMB DETAILS

20 LOUVER

21 PASS THRU HINGE JAMB

22 PASS THRU LATCH JAMB
(HEAD SIMILAR)

23 TYPICAL PANEL STILE

24 INTERSECTING PARTITIONS

25 MULLION

26 BELOW MULLION
LEAD STILE DETAILS (WEST WALL)

27 PASS THRU THRESHOLD

28 HEAD AT NORTH-SOUTH CURVED TRACK
(HEAD AT EAST-WEST STRAIGHT TRACK SIMILAR)

AT SLOPED FLOOR (TYPICAL) AT LEVEL FLOOR (COL. ℄ 11)

29 BASE

30 ACCESS DOOR JAMB (NORTH WALL)

31 LEAD STILE (SOUTH WALL)

SOUTH ELEVATION TELEVISION STUDIO B-58
1/4" = 1'-0"

FOLDING PARTITION DETAILS
ASSEMBLY HALL 118 SCALE: 3"=1'-0"

ADDITION TO THE EAST DENTISTRY
MEDICINE PHARMACY BUILDING
833 SOUTH WOOD STREET — CHICAGO 12, ILLINOIS
UNIVERSITY OF ILLINOIS AT THE MEDICAL CENTER

DATE: MARCH 31, 1960
ARCH. PROJ. NO: 24140
DRAWN BY: M. PRANCO, W.A.
CHECKED BY: W. ANDERSON
APPROVED BY: S. Tilghman
PROJ. ARCH.: N. MILLETT

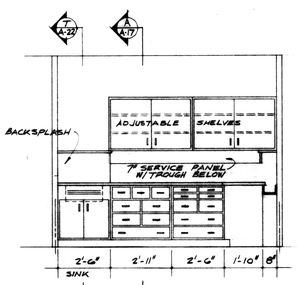
ARCHITECTS: PHONE HA 7-8800
200 WEST JACKSON BLVD., CHICAGO, ILL.

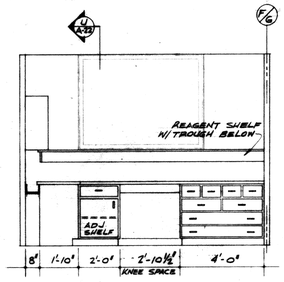
NO. ITEM - THUS ◇ DATE
REVISIONS

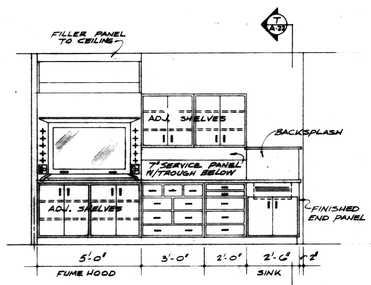
DRAWING TITLE:
ASSEMBLY HALL
ELEVATIONS & DETS.
T.V. STUDIO ELEV.

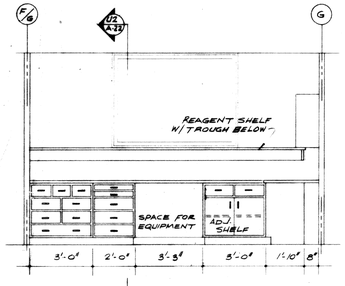
DRAWING NUMBER:
A-16

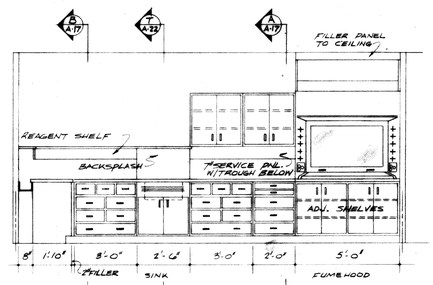
924-1.3-16

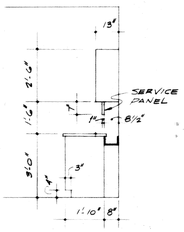








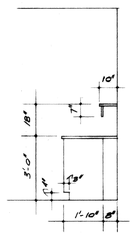




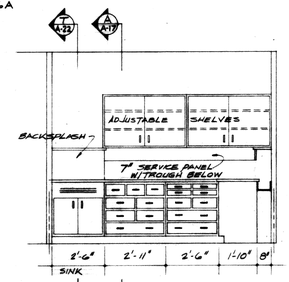
SECTION A-A

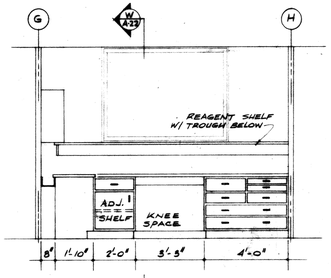
PHARMACY LABORATORIES - ROOMS (AS SHOWN) 211A, 419A
ROOMS (OPP. HAND) 226A

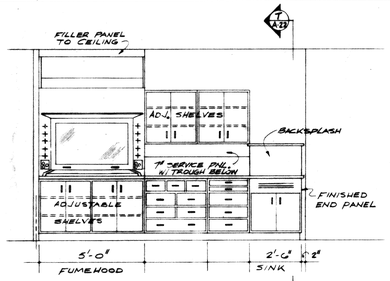
PHARMACY GRADUATE RESEARCH LABORATORIES - ROOMS (AS SHOWN) 212
ROOMS (OPP. HAND) 225

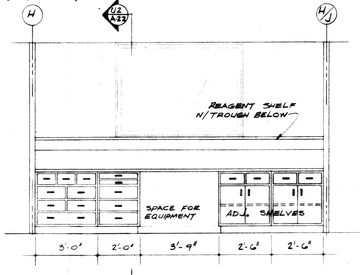


SECTION B-B







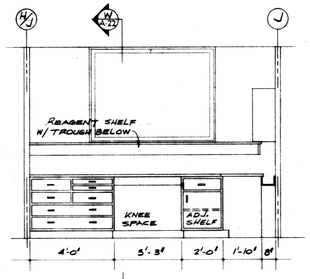


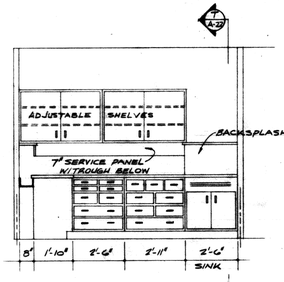
ROOM 318A W/O TROUGH

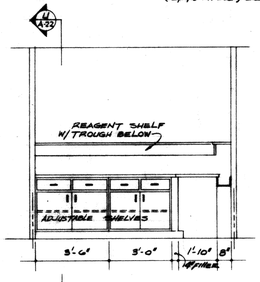
ROOM 318 W/O TROUGH

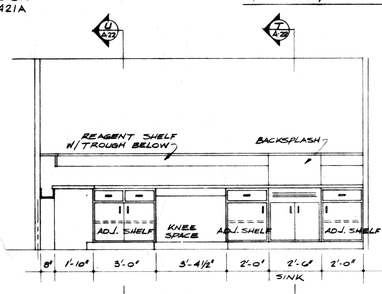
PHARMACY LABORATORIES - ROOMS (AS SHOWN) 213A, 318A
(OPP. HAND) 224A, 421A

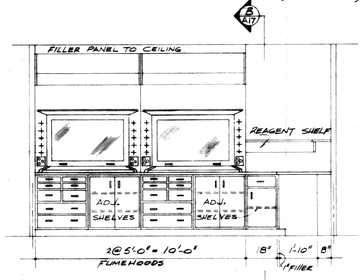
PHARMACY GRADUATE RESEARCH LABORATORIES - ROOMS (AS SHOWN) 214, 319
ROOMS (OPP. HAND) 223, 420

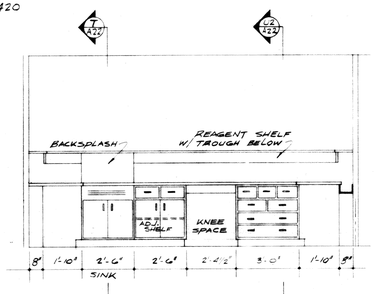








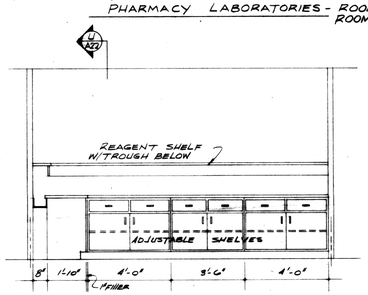


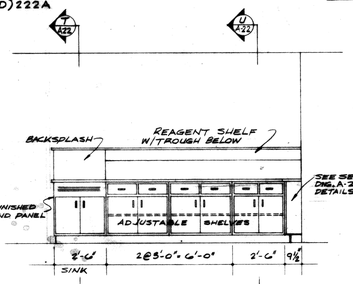


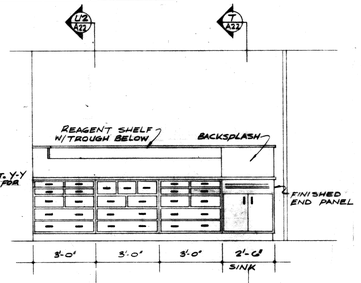
PHARMACY LABORATORIES - ROOMS (AS SHOWN) 215A
ROOMS (OPP. HAND) 222A

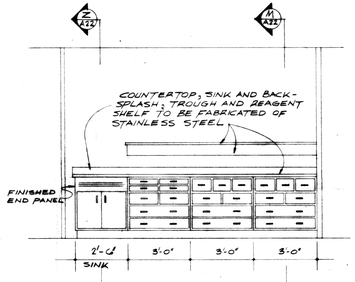
PHARMACY LABORATORY - ROOM (AS SHOWN) 209

PHARMACY LABORATORY - ROOM (AS SHOWN) 228









PHARMACY LABORATORY - ROOM (AS SHOWN) 228

PHARMACY UNIT OPERATIONS - ROOM (AS SHOWN) 210
PHARMACY INSTRUMENT ROOM - ROOM (OPP. HAND) 227

PHARMACY CHROMATOGRAPHY - ROOM (AS SHOWN) 218

PHARMACY ISOTOPE ROOM - ROOM (AS SHOWN) 220

NOTE:
1) ALL CABINET DOORS AND DRAWERS, EXCEPT SINK CABINET, SHALL BE PROVIDED W/LOCKS.
2) FOR TROUGH LOCATIONS AND LENGTHS SEE 1/A1 FLOOR PLANS.

NO.	ITEM - THUS	DATE
	REVISIONS	

ADDITION TO THE EAST DENTISTRY MEDICINE PHARMACY BUILDING
833 SOUTH WOOD STREET — CHICAGO 12, ILLINOIS
UNIVERSITY OF ILLINOIS AT THE MEDICAL CENTER

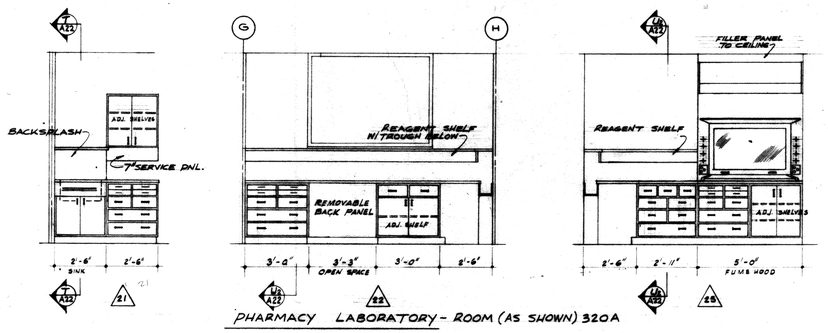
DATE: MARCH 31, 1966
ARCH. PROJ. NO: 24140
DRAWN BY: S. HARABURDA
CHECKED BY: J. TARASEV, W. ANDERSON
APPROVED BY: S. Hilkemeier
PROJ. ARCH.: N. MILLET

ARCHITECTS: PHONE HA 7-0200
200 WEST JACKSON BLVD., CHICAGO, ILL.

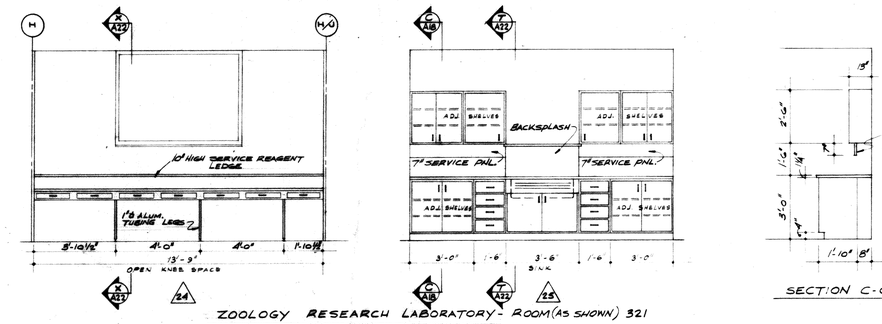
DRAWING TITLE:
LABORATORY CASEWORK ELEVATIONS AND SECTIONS

DRAWING NUMBER:
A-17

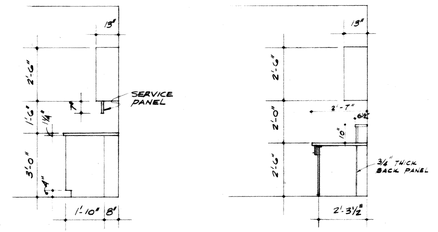
924-13-17



PHARMACY LABORATORY - ROOM (AS SHOWN) 320A

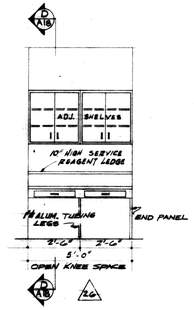


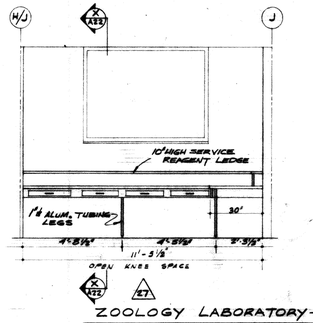
ZOOLOGY RESEARCH LABORATORY - ROOM (AS SHOWN) 321

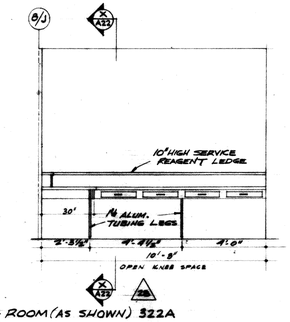


SECTION C-C

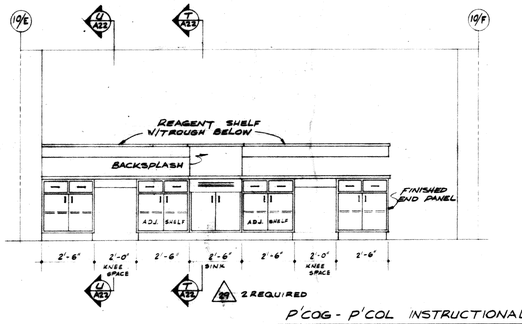
SECTION D-D

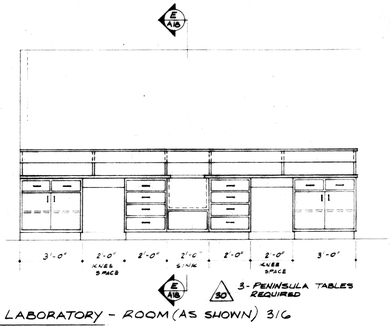


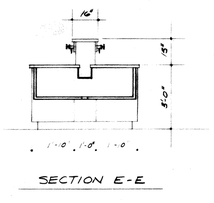




ZOOLOGY LABORATORY - ROOM (AS SHOWN) 322A

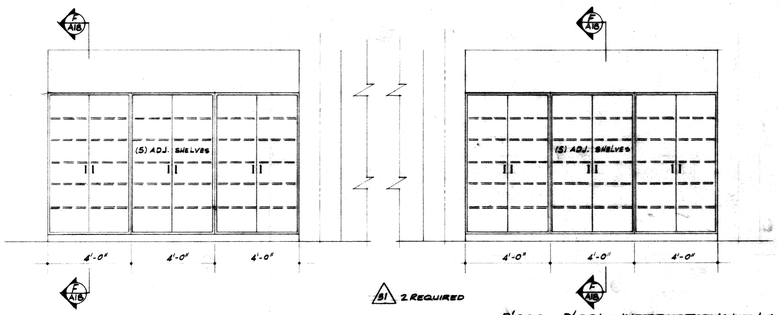




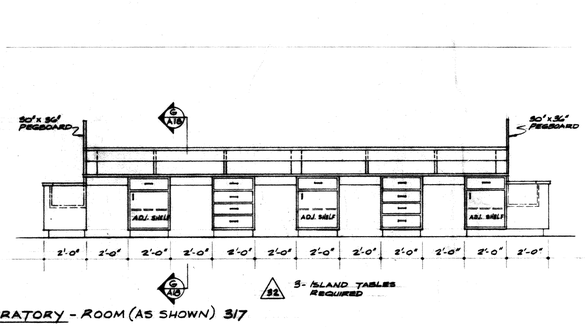


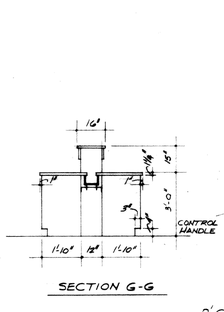
SECTION E-E

P'COG - P'COL INSTRUCTIONAL LABORATORY - ROOM (AS SHOWN) 316

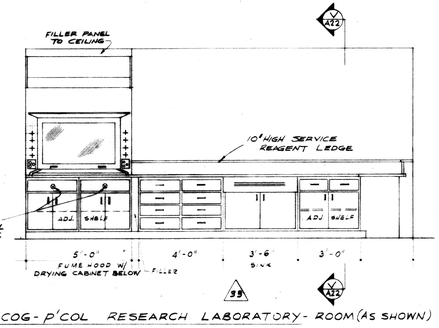


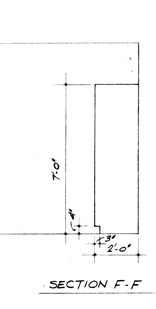
P'COG - P'COL INSTRUCTIONAL LABORATORY - ROOM (AS SHOWN) 317





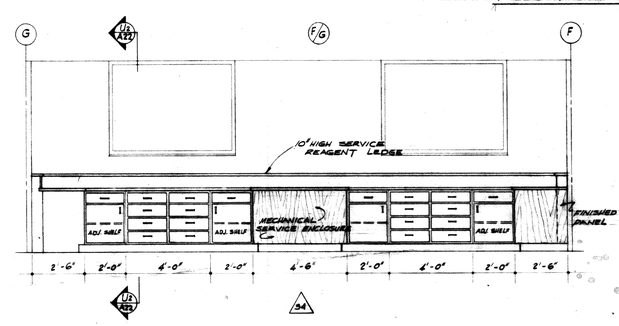
SECTION G-G

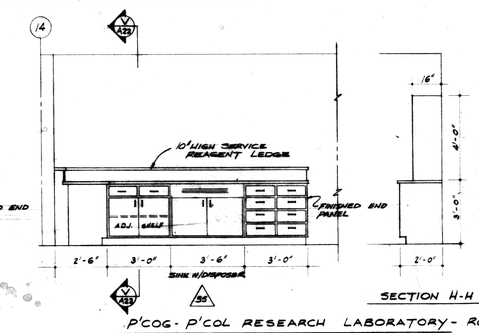




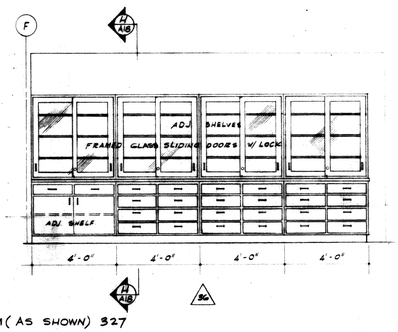
SECTION F-F

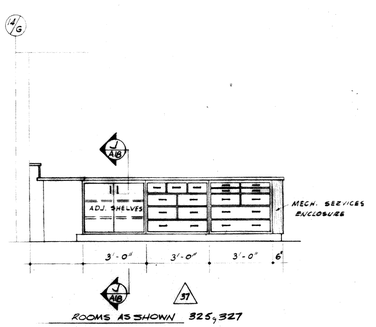
P'COG - P'COL RESEARCH LABORATORY - ROOM (AS SHOWN) 327



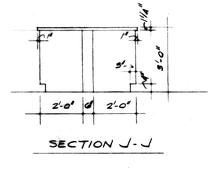


SECTION H-H





ROOMS AS SHOWN 325, 327



SECTION J-J

P'COG - P'COL RESEARCH LABORATORY - ROOM (AS SHOWN) 327

NOTE:
1) ALL CABINET DOORS AND DRAWERS, EXCEPT SINK CABINETS, SHALL BE PROVIDED W/LOCKS.
2) FOR TROUGH LOCATIONS AND LENGTHS SEE ¼" FLOOR PLANS.

NO.	ITEM - THUS ◇	DATE
	REVISIONS	

ADDITION TO THE EAST DENTISTRY MEDICINE PHARMACY BUILDING
833 SOUTH WOOD STREET — CHICAGO 12, ILLINOIS
UNIVERSITY OF ILLINOIS AT THE MEDICAL CENTER

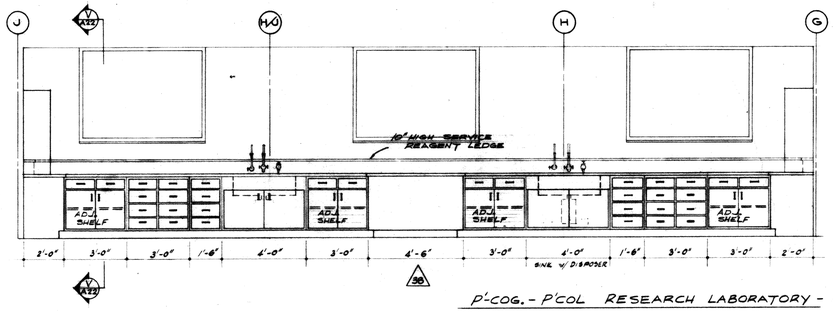
DATE: MARCH 31, 1966
ARCH. PROJ. NO: 24140
DRAWN BY: S. TAKAESU
CHECKED BY: S. TAKAESU / W. ANDERSON
APPROVED BY: S. ILANJIAN
PROJ. ARCH: N. WILLET

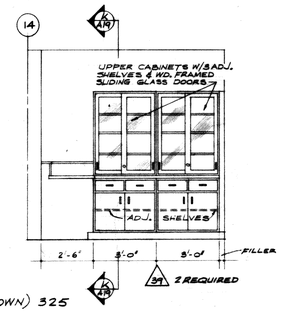
ARCHITECTS: PHONE HA 7-6200
200 WEST JACKSON BLVD., CHICAGO, ILL.

DRAWING TITLE:
LABORATORY CASEWORK ELEVATIONS AND SECTIONS

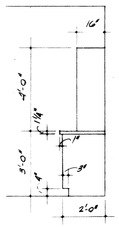
DRAWING NUMBER:
A-18

924-1.3-18

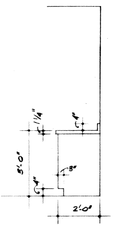




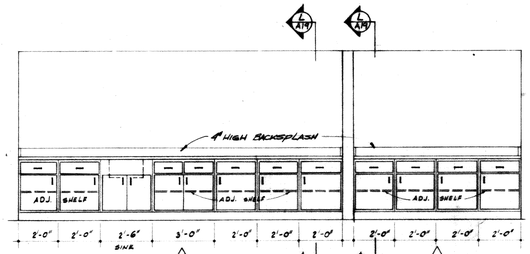
P'COG. - P'COL RESEARCH LABORATORY - ROOM (AS SHOWN) 325



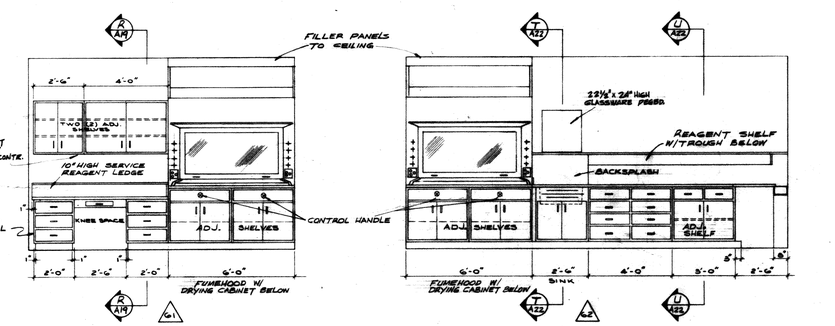
SECTION K-K



SECTION L-L

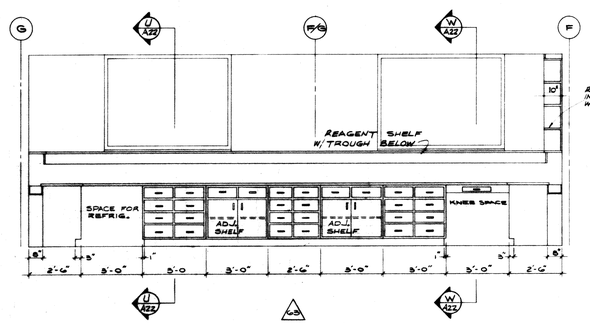


P'COG - P'COL COLD ROOM - 317A — FREEZER - 317B



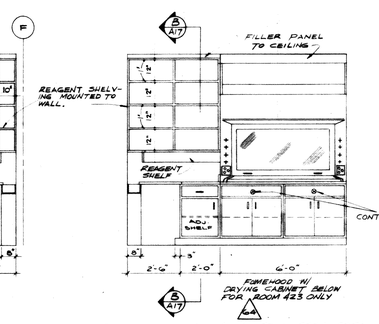
ROOMS AS SHOWN 422, 531, 524
ROOMS OPP. HAND 529, 522,

ROOMS AS SHOWN 422, 531,
ROOMS OPP. HAND 522,

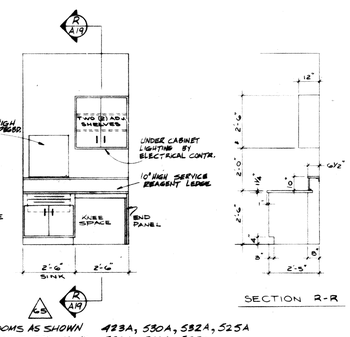


ROOMS AS SHOWN 422, 531,
ROOMS OPP. HAND 522

CHEMISTRY GRADUATE RESEARCH LABORATORIES

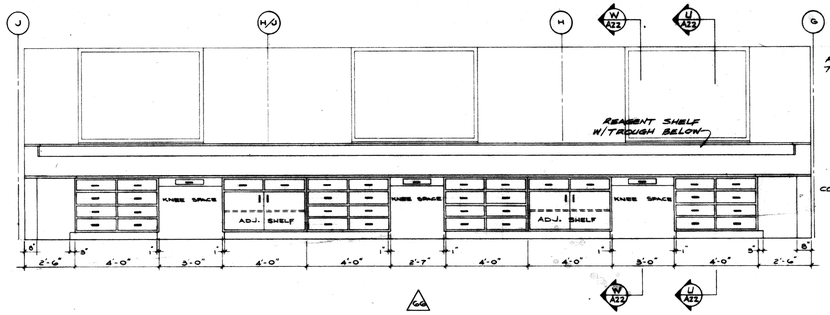


ROOMS AS SHOWN 423A, 530A, 532A, 525A
ROOMS OPP. HAND 528A, 521A, 523A

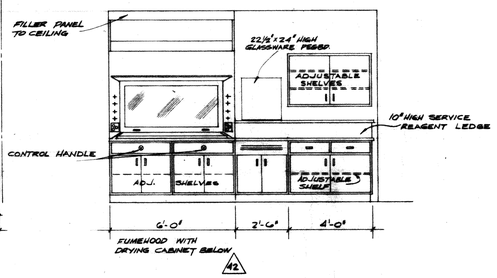


SECTION R-R

ROOMS AS SHOWN 423A, 530A, 532A, 525A
ROOMS OPP. HAND 528A, 521A, 523A



CHEMISTRY GRADUATE RESEARCH LABORATORY - ROOMS (AS SHOWN) 524, 529



ROOM (AS SHOWN) 524
ROOM (OPP. HAND) 529

NOTE:
1) ALL CABINET DOORS AND DRAWERS, EXCEPT SINK CABINETS, SHALL BE PROVIDED W/ LOCKS.
2) FOR TROUGH LOCATIONS AND LENGTHS SEE ¼" FLOOR PLANS.

NO.	ITEM - THUS ◇	DATE
	REVISIONS	

ADDITION TO THE EAST DENTISTRY MEDICINE PHARMACY BUILDING
833 SOUTH WOOD STREET — CHICAGO 12, ILLINOIS
UNIVERSITY OF ILLINOIS AT THE MEDICAL CENTER

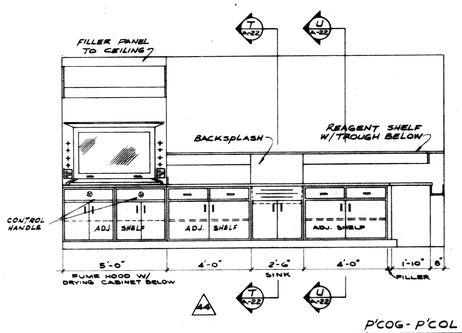
DATE: MARCH 31, 1966
ARCH. PROJ. NO: 64140
DRAWN BY: S. TAKAESU
CHECKED BY: W. ANDERSON
APPROVED BY: S. T.
PROJ. ARCH.: N. MILLET

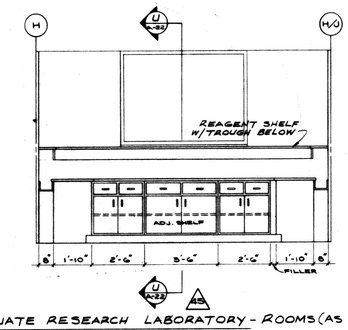
ARCHITECTS: PHONE HA 7-9200
200 WEST JACKSON BLVD., CHICAGO, ILL.

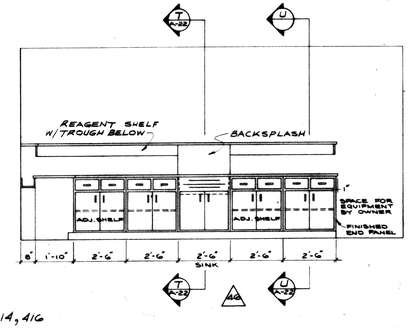
DRAWING TITLE:
LABORATORY CASEWORK ELEVATIONS AND SECTIONS

DRAWING NUMBER:
A-19

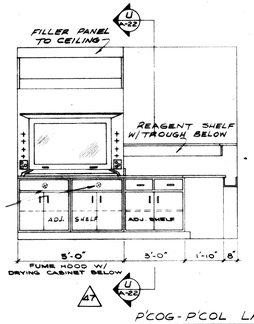
924-1.0-19

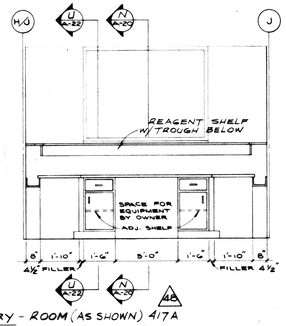


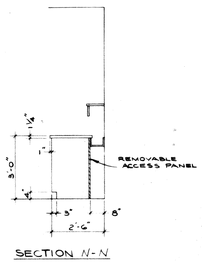




P'COG - P'COL GRADUATE RESEARCH LABORATORY - ROOMS (AS SHOWN) 414, 416

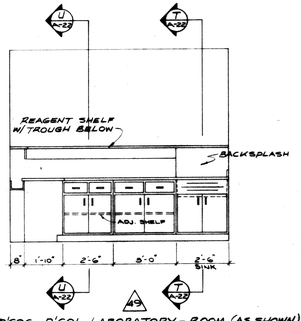


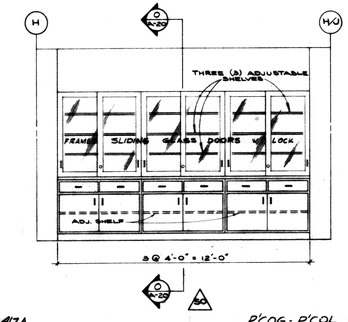


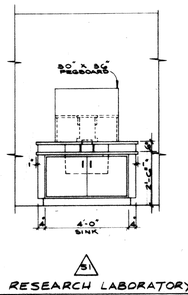


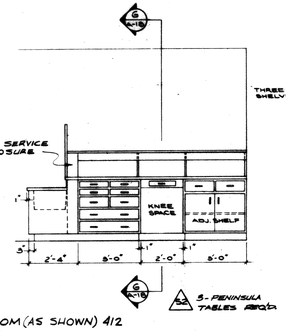
SECTION N-N

P'COG - P'COL LABORATORY - ROOM (AS SHOWN) 417A
ROOMS (OPP. HAND) 413A, 415A

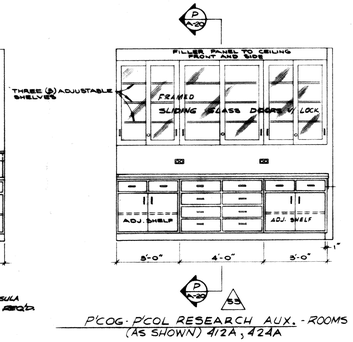




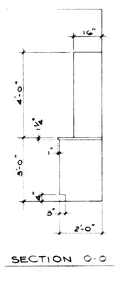




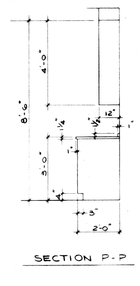
3 - PENINSULA TABLES REQ'D.



P'COG - P'COL RESEARCH AUX. - ROOMS (AS SHOWN) 412A, 424A

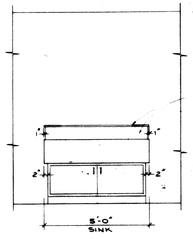


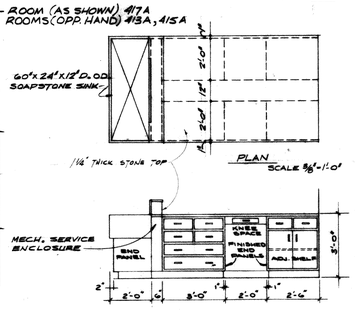
SECTION O-O

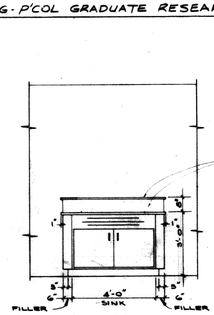


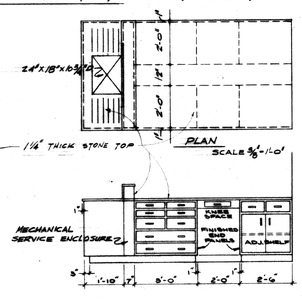
SECTION P-P

P'COG - P'COL LABORATORY - ROOM (AS SHOWN) 417A
ROOMS (OPP. HAND) 413A, 415A



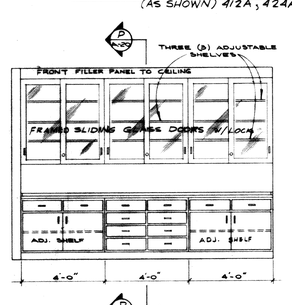


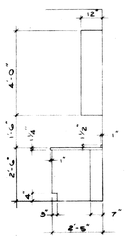




2 - PENINSULA TABLES REQ'D.

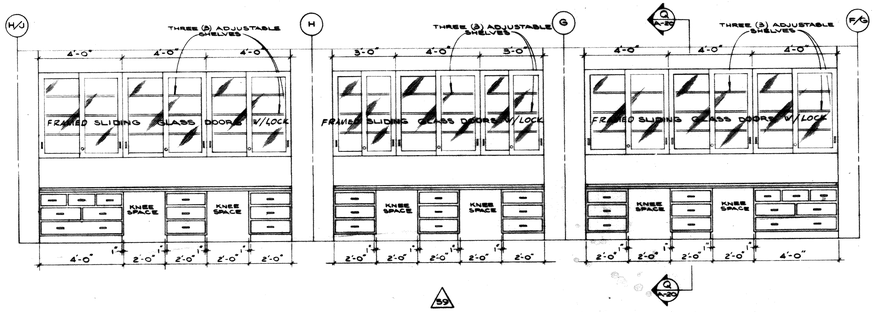
P'COG - P'COL GRADUATE RESEARCH LABORATORY - ROOM (AS SHOWN) 412



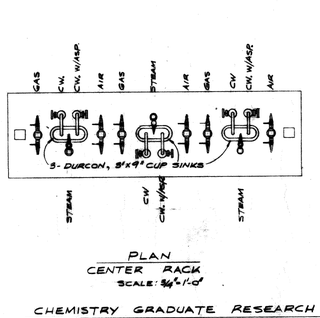


SECTION Q-Q

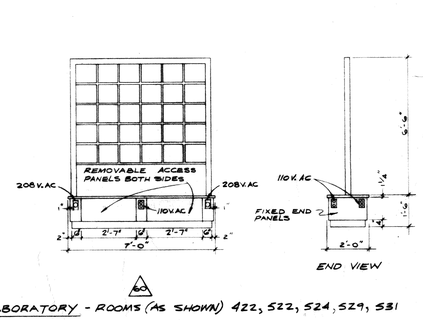
P'COG - P'COL GRADUATE RESEARCH LABORATORY - ROOM (AS SHOWN) 424



P'COG - P'COL GRADUATE RESEARCH LABORATORY ROOM (AS SHOWN) 424



PLAN
CENTER RACK
SCALE: 3/4" = 1'-0"



CHEMISTRY GRADUATE RESEARCH LABORATORY - ROOMS (AS SHOWN) 422, 522, 524, 529, 531

NOTE:
FOR TROUGH LOCATIONS AND LENGTHS SEE ¼" FLOOR PLANS

NO.	ITEM - THUS ◇	DATE
	REVISIONS	

ADDITION TO THE EAST DENTISTRY MEDICINE PHARMACY BUILDING
833 SOUTH WOOD STREET — CHICAGO 12, ILLINOIS
UNIVERSITY OF ILLINOIS AT THE MEDICAL CENTER

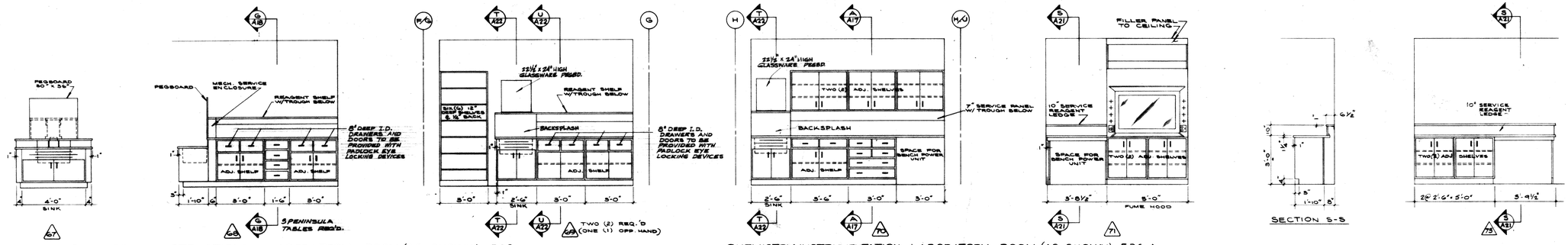
DATE: MARCH 31, 1966
ARCH. PROJ. NO: 24540
DRAWN BY: R. ZACK
CHECKED BY: S. TAKASU, N. ANDERSON
APPROVED BY: S. TAKASU
PROJ. ARCH.: N. MILLET

ARCHITECTS: PHONE HA 7-0200
200 WEST JACKSON BLVD., CHICAGO, ILL.

DRAWING TITLE:
LABORATORY CASEWORK ELEVATIONS AND SECTIONS

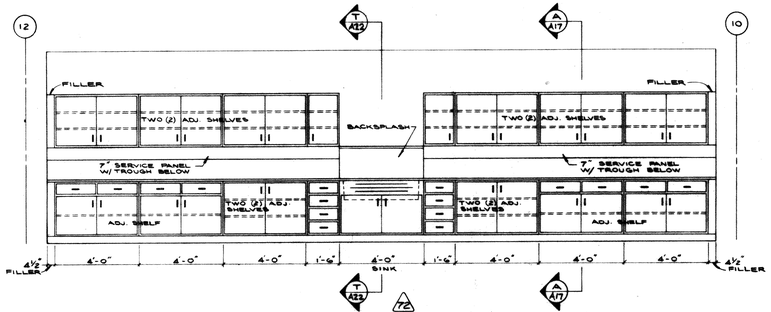
DRAWING NUMBER:
A-20

924 - 1.3 - 20

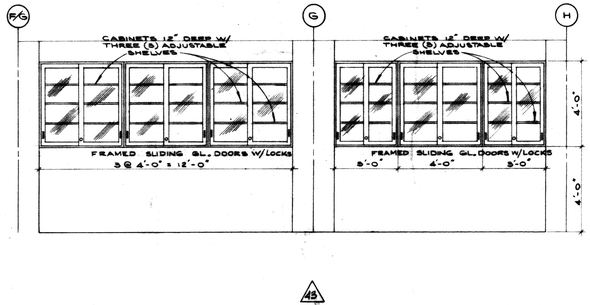


CHEMISTRY INSTRUCTIONAL LABORATORY ROOM (AS SHOWN) 520

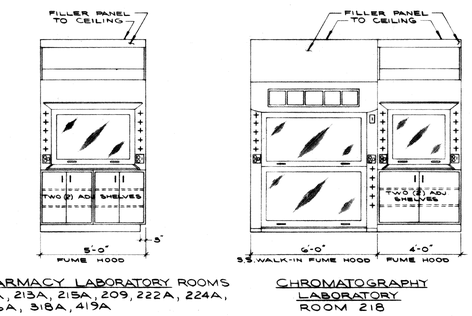
CHEMISTRY INSTRUMENTATION LABORATORY ROOM (AS SHOWN) 526A
ROOM (OPP. HAND) 526B (ELEVATION 70)
ROOM (AS SHOWN) 526B (ELEVATION 73)



CONTROLLED ENVIRONMENT LABORATORY ROOM (AS SHOWN) 637

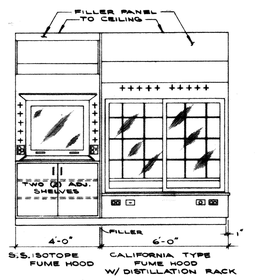


GRADUATE RESEARCH LABORATORY ROOM (AS SHOWN) 412

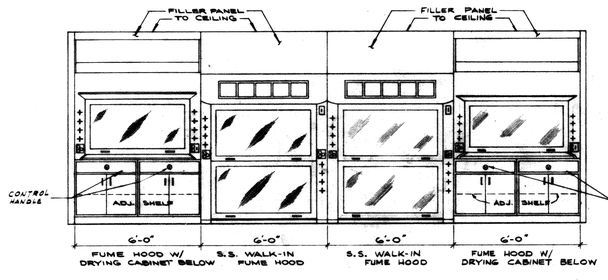


PHARMACY LABORATORY ROOMS 211A, 213A, 215A, 209, 222A, 224A, 226A, 318A, 419A

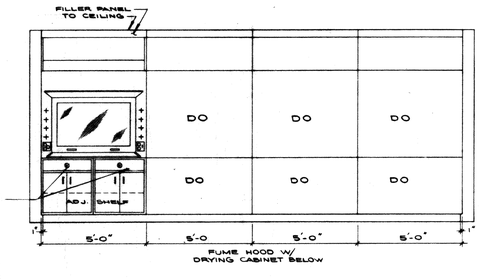
CHROMATOGRAPHY LABORATORY ROOM 218



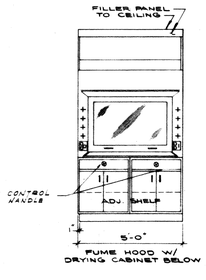
PHARMACY ISOTOPE ROOM 220



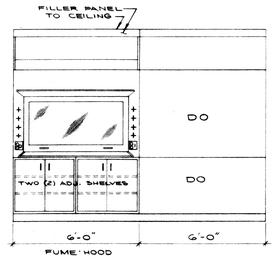
CHEMISTRY INSTRUCTIONAL LABORATORY ROOM 316



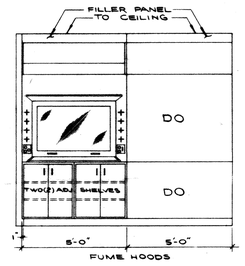
P.COG - P.COL INSTRUCTIONAL LABORATORY ROOM 317



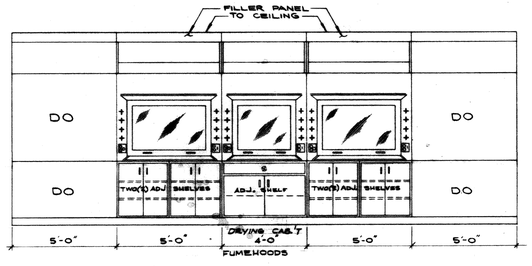
P.COG - P.COL RESEARCH LABORATORY ROOM 325



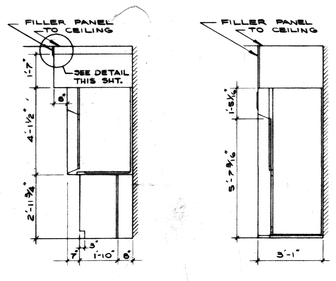
P.COG - P.COL GRADUATE RESEARCH LABORATORY ROOM 412



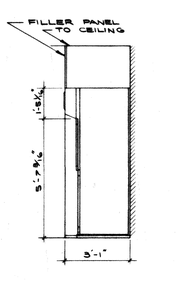
P.COG - P.COL RESEARCH AUXILIARY LABORARTY ROOMS 412A & 424A



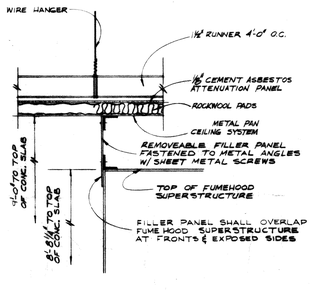
CHEMISTRY INSTRUCTIONAL LABORATORY ROOM 520



TYPICAL SECTION THRU FUME HOODS



TYPICAL SECTION THRU WALK-IN TYPE FUME HOODS



TYPICAL SECTION THRU FUMEHOOD FILLER PANEL
N. T. S.

NOTE:
1) ALL CABINET DOOR AND DRAWERS, EXCEPT SINK CABINETS, SHALL BE PROVIDED W/LOCKS.
2) FOR TROUGH LOCATIONS AND LENGTHS SEE ⅛" FLOOR PLANS.

NO.	ITEM - THUS ○	DATE
	REVISIONS	

ADDITION TO THE EAST DENTISTRY MEDICINE PHARMACY BUILDING
833 SOUTH WOOD STREET — CHICAGO 12, ILLINOIS
UNIVERSITY OF ILLINOIS AT THE MEDICAL CENTER

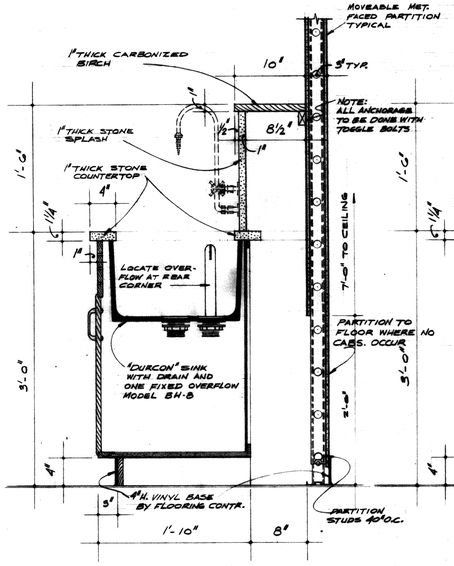
DATE: MARCH 31, 1966
ARCH. PROJ. NO: 24140
DRAWN BY: R. ZACK
CHECKED BY: S. TAKAESU, W. ANDERSON
APPROVED BY: S. Tuttman
PROJ. ARCH: N. MILLET

ARCHITECTS: PHONE HA 7-0200, 200 WEST JACKSON BLVD., CHICAGO, ILL.

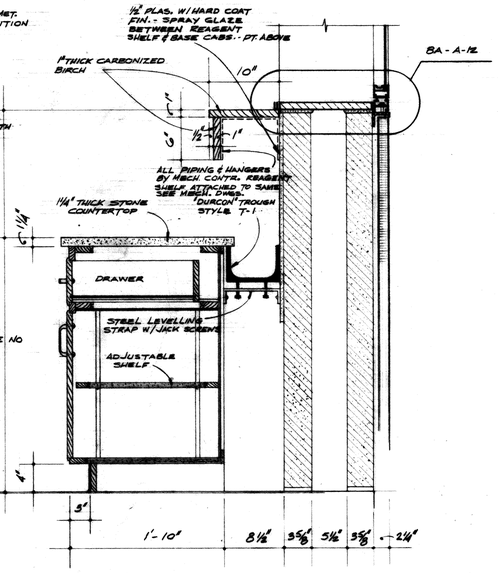
DRAWING TITLE: LABORATORY CASEWORK ELEVATIONS AND SECTIONS

DRAWING NUMBER: A-21

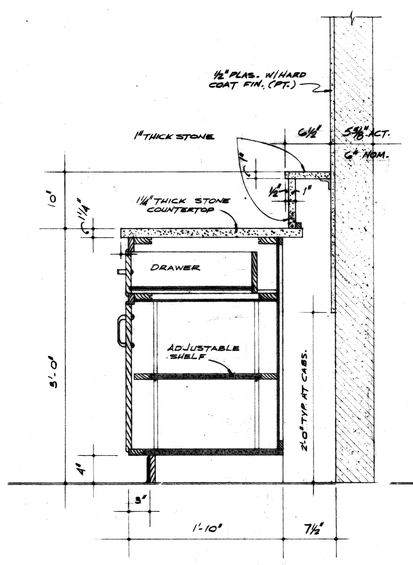
924-13-21



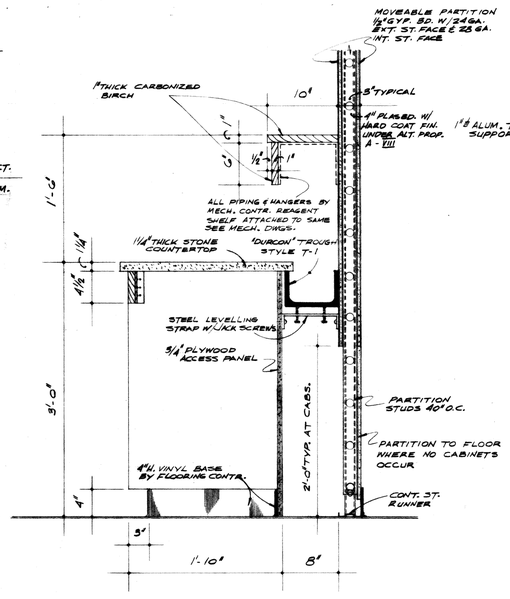
SECTION T-T



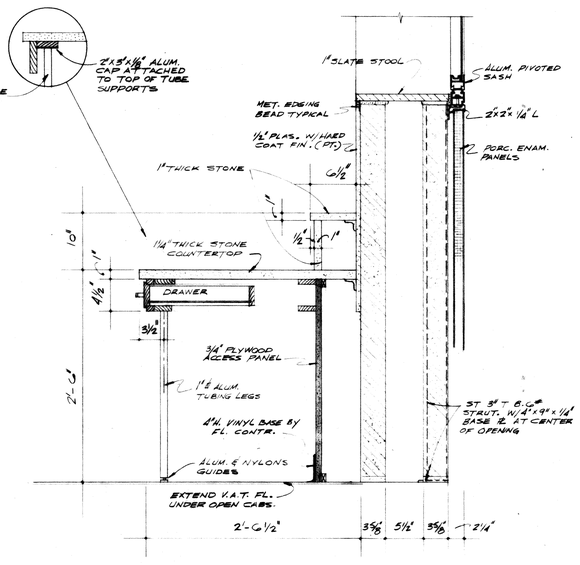
SECTION U-U



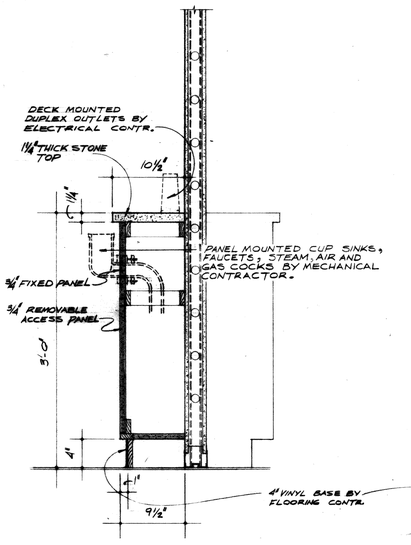
SECTION V-V



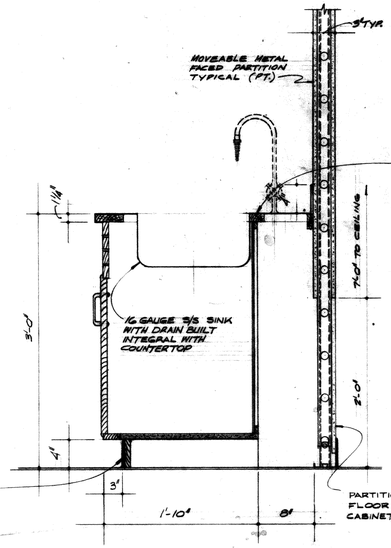
SECTION W-W



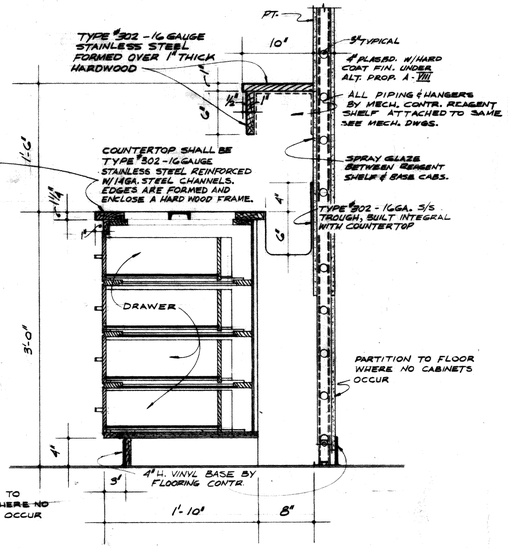
SECTION X-X



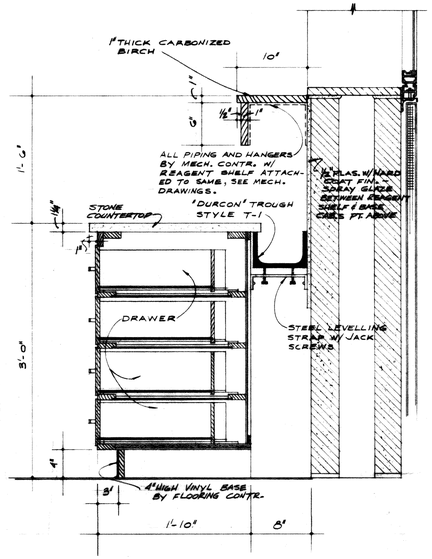
SECTION Y-Y



SECTION Z-Z



SECTION M-M



SECTION U_2 - U_2

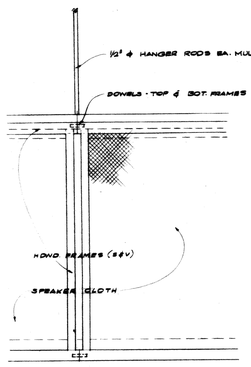
NOTE: ALL SECTIONS SCALE 1½"=1'-0"

			ADDITION TO THE EAST DENTISTRY MEDICINE PHARMACY BUILDING
			833 SOUTH WOOD STREET — CHICAGO 12, ILLINOIS
			UNIVERSITY OF ILLINOIS AT THE MEDICAL CENTER
			DATE: MARCH 31, 1966
			ARCH. PROJ. NO: 24140
			DRAWN BY: S. HARABURDA
			CHECKED BY: S. TAKAESU, W. ANDERSON
			APPROVED BY: S. Tatsuno
			PROJ. ARCH: N. MILLET
			ARCHITECTS: PHONE HA 7-4000, 220 WEST JACKSON BLVD., CHICAGO, ILL.
0.	ITEM - THUS ○	DATE	
	REVISIONS		

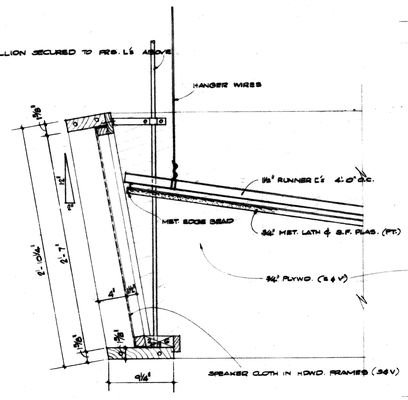
DRAWING TITLE: LABORATORY CASEWORK SECTIONS

DRAWING NUMBER: A-22

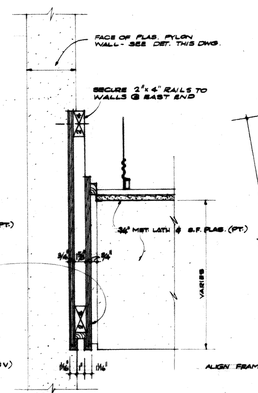
924-1.0-22



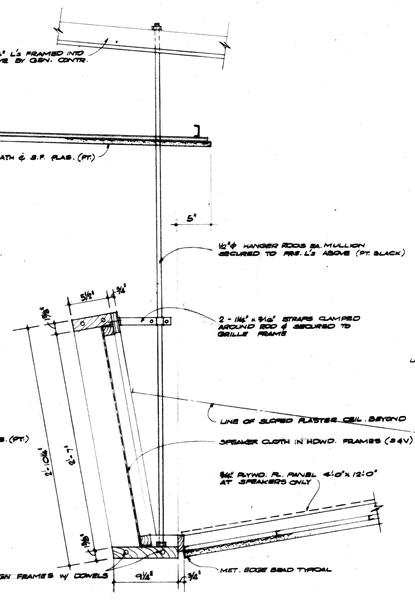
1 PARTIAL ELEVATION



2 SECTION BEYOND SPEAKERS



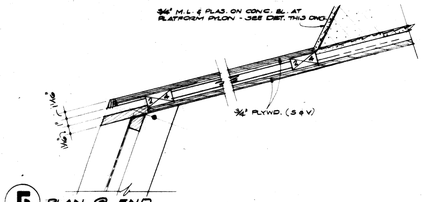
3 SECTION THRU END



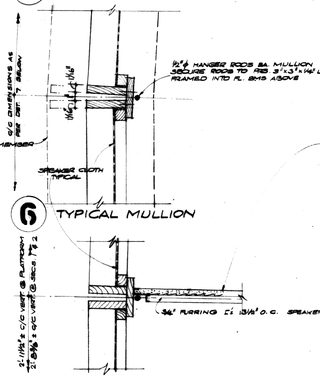
4 SECTION THRU SPEAKERS

PLATFORM VALENCE SPEAKER FRAME DETAILS - SECTION THREE

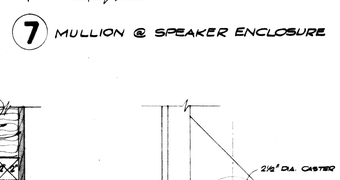
SCALE : 1½" = 1'-0"



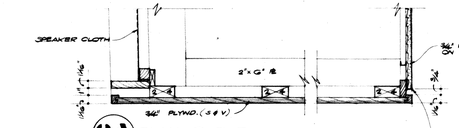
5 PLAN @ END



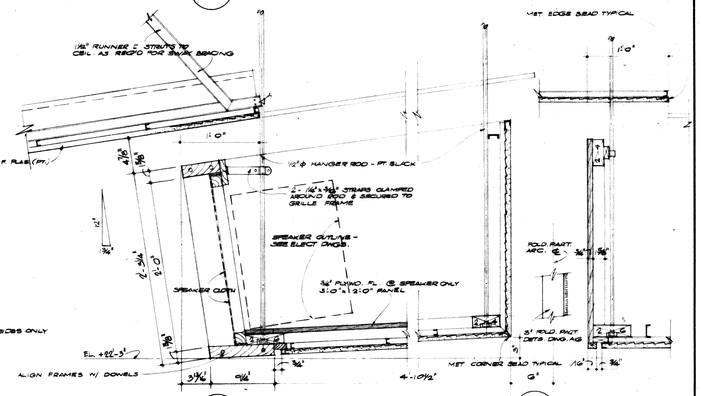
6 TYPICAL MULLION



7 MULLION @ SPEAKER ENCLOSURE



8A PLAN @ END

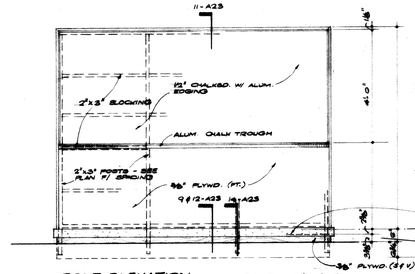


8B SECTION THRU SPEAKER

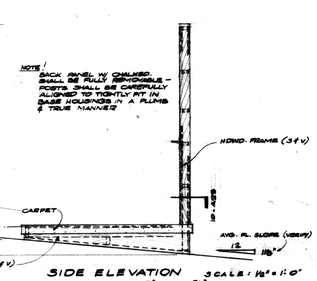
8C SECTION THRU END

FREESTANDING SPEAKER FRAME DETAILS - SECTIONS ONE & TWO

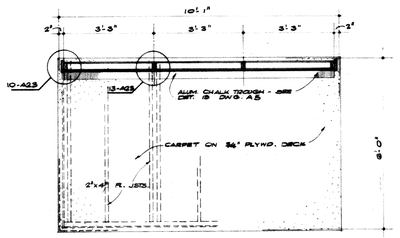
MULLION DETAILS SIMILAR TO PLATFORM SPEAKER FRAMES SCALE 1½" = 1'-0"



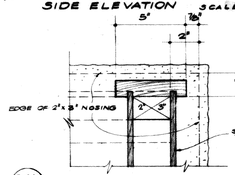
FRONT ELEVATION SCALE : ½" = 1'-0"



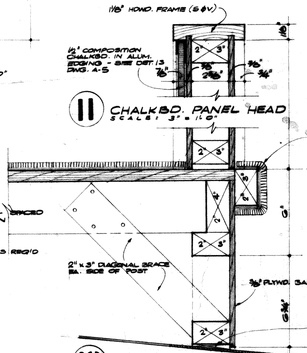
SIDE ELEVATION SCALE : ½" = 1'-0"



PLAN SCALE : ½" = 1'-0"

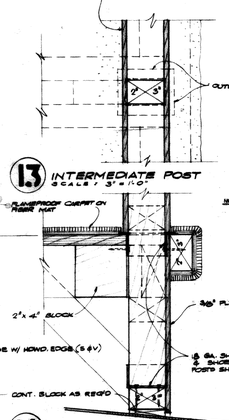


10 CHALKBD. PANEL END SCALE : 3" = 1'-0"



11 CHALKBD. PANEL HEAD SCALE : 3" = 1'-0"

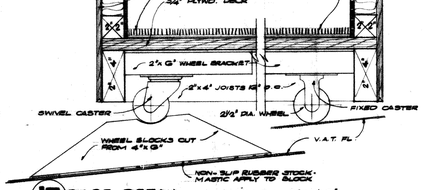
12 NOSING @ CHALKBD. PANEL SCALE : 3" = 1'-0"



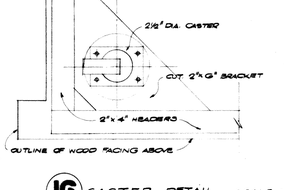
13 INTERMEDIATE POST SCALE : 3" = 1'-0"

14 SECTION @ POST SCALE : 3" = 1'-0"

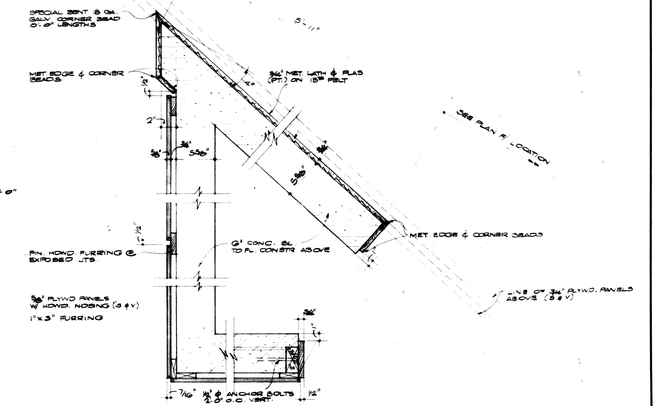
MOVABLE PLATFORM DETAILS (TWO THUS)



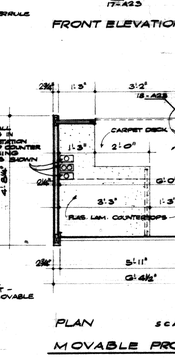
15 BASE DETAIL SCALE : 3" = 1'-0"



16 CASTER DETAIL SCALE : 3" = 1'-0"
REFLECTED BASE PLAN

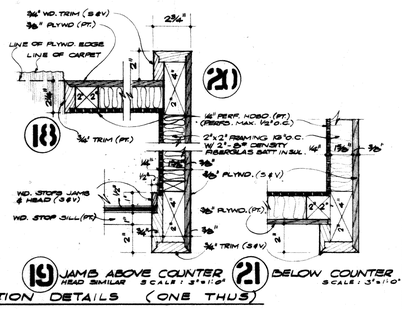


22 DETAIL - PLAN OF PLATFORM PYLON SCALE : 1½" = 1'-0"



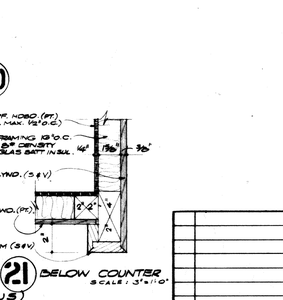
PLAN SCALE : ½" = 1'-0"

NOTE: ELECTRICIAN SHALL EXTEND WIRING IN CONDUIT THRU STATION PL. & WALLS TO COUNTER OUTLETS MATCHING EXISTING RECEPTACLES SHOWN ON DWG. E-8



FRONT ELEVATION ½" = 1'-0"

17 CROSS SECTION ½" = 1'-0"



SIDE ELEVATION ½" = 1'-0"

18 JAMB ABOVE COUNTER HEAD SIMILAR SCALE : 3" = 1'-0"

21 BELOW COUNTER SCALE : 3" = 1'-0"

MOVABLE PROJECTION STATION DETAILS (ONE THUS)

NO.	ITEM - THUS ◇	DATE
	REVISIONS	

ADDITION TO THE EAST DENTISTRY MEDICINE PHARMACY BUILDING
833 SOUTH WOOD STREET — CHICAGO 12, ILLINOIS
UNIVERSITY OF ILLINOIS AT THE MEDICAL CENTER

DATE: MARCH 31 1960
ARCH. PROJ. NO. 24548
DRAWN BY: E. NOBLE, J. W. A.
CHECKED BY: W. ANDERSON
APPROVED BY: S. Tilton
PROJ. ARCH.: N. MILLETT

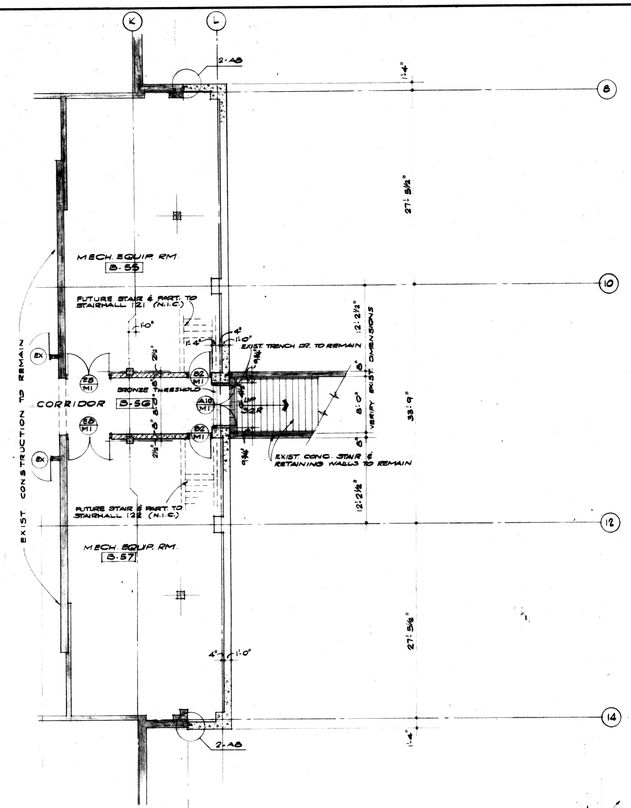
[redacted]

ARCHITECTS: PHONE HA 7-5200
300 WEST JACKSON BLVD., CHICAGO, ILL.

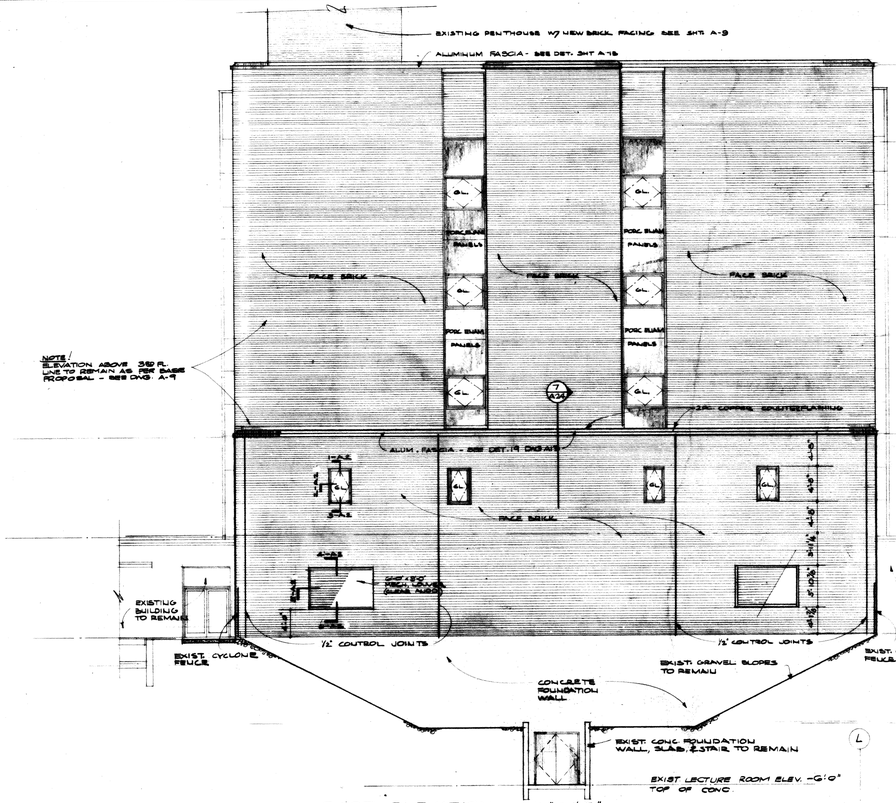
DRAWING TITLE: MISCELLANEOUS ASSEMBLY HALL DETAILS

DRAWING NUMBER: A-23

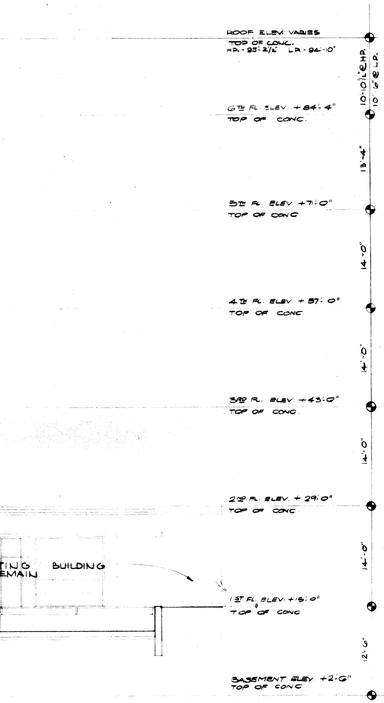
924-13-23

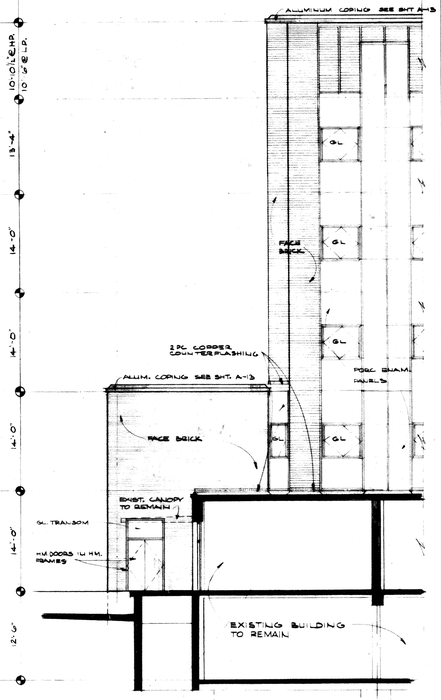


BASEMENT FLOOR PLAN 1/8" = 1'-0"

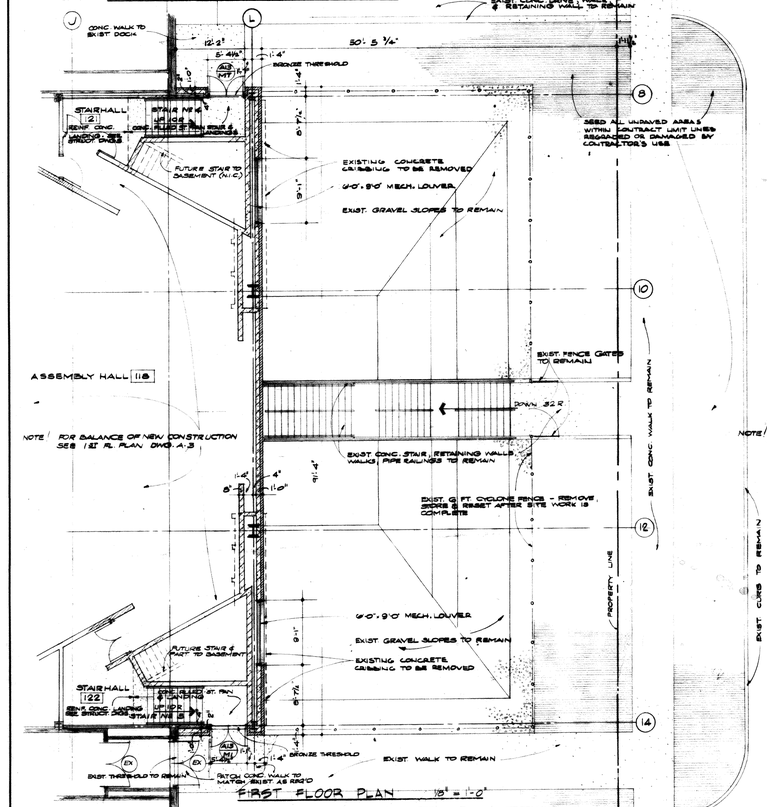


EAST ELEVATION 1/8" = 1'-0"

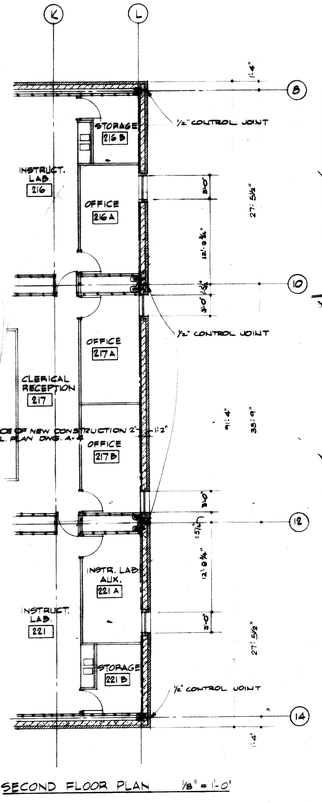




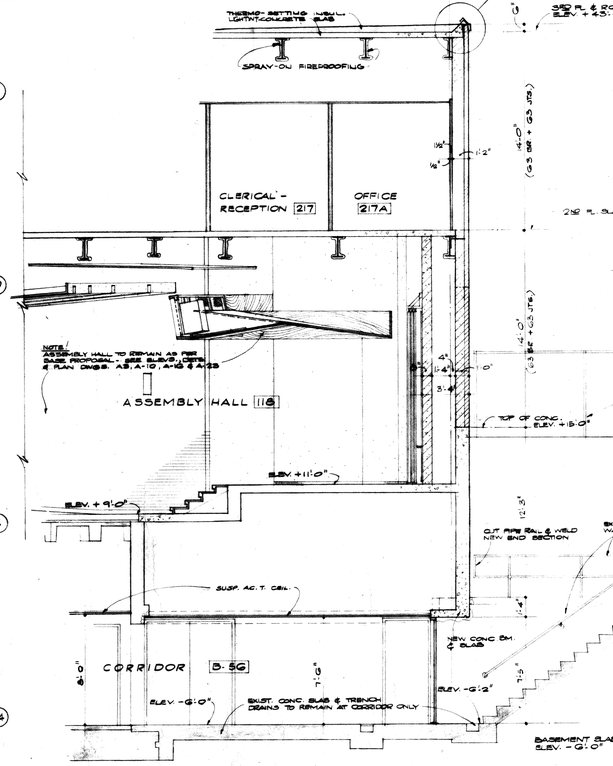
PARTIAL NORTH ELEVATION 1/8" = 1'-0"
(SOUTH ELEVATION SIMILAR - OPP. HAND)



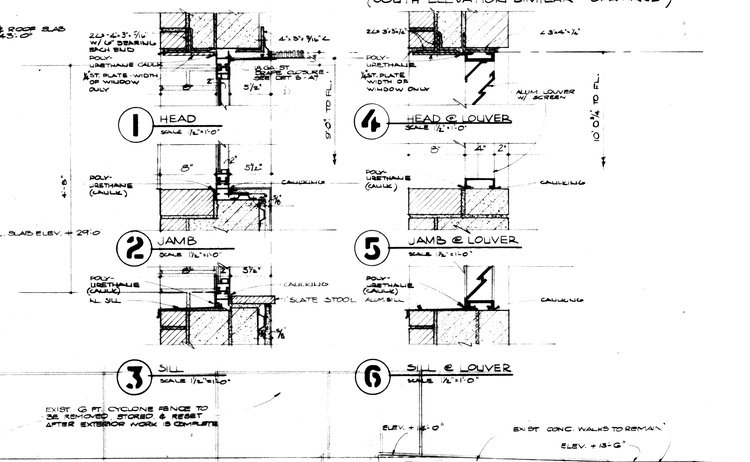
FIRST FLOOR PLAN 1/8" = 1'-0"



SECOND FLOOR PLAN 1/8" = 1'-0"



SECTION THRU EAST WALL OF BUILDING SCALE: 1/8" = 1'-0"



NO.	ITEM - THUS Δ	DATE
	REVISIONS	

ADDITION TO THE EAST DENTISTRY MEDICINE PHARMACY BUILDING
633 SOUTH WOOD STREET — CHICAGO 12, ILLINOIS
UNIVERSITY OF ILLINOIS AT THE MEDICAL CENTER

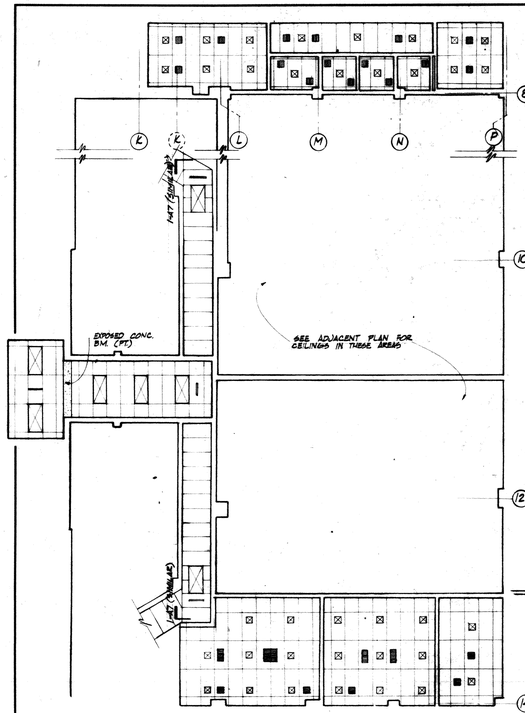
DATE: MARCH 31, 1966
ARCH. PROJ. NO. 2-6140
DRAWN BY: T. KAMIS, E. NOLLE, W.A.
CHECKED BY: W. ANDERSON
APPROVED BY: S. TURK
PROJ. ARCH.: N. MILLETT

ARCHITECTS: PHONE HA 7-0200
200 WEST JACKSON BLVD., CHICAGO, ILL.

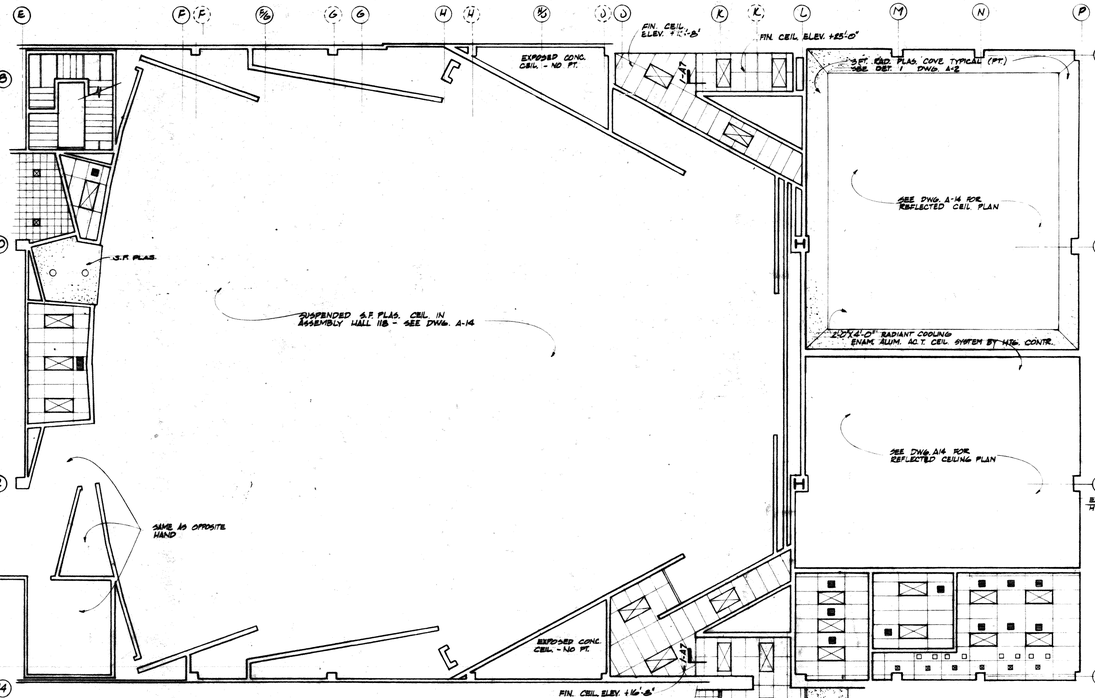
DRAWING TITLE:
ALTERNATE PROPOSAL A-1 - COMPLETION OF EAST WALL UPON DELETION OF TV / PHOTO AREAS

DRAWING NUMBER:
A-24

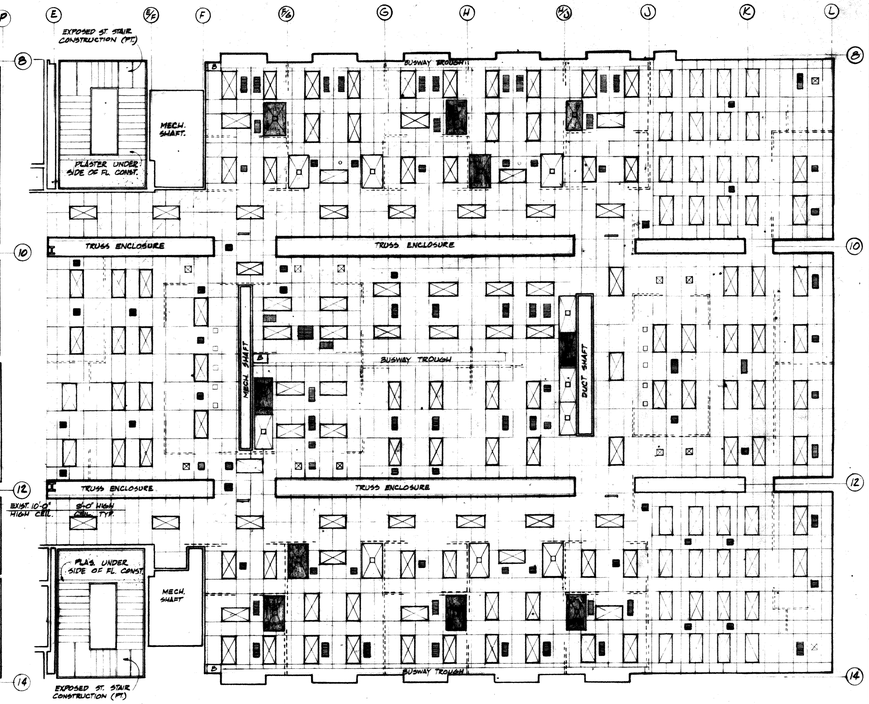
934-1.3-24



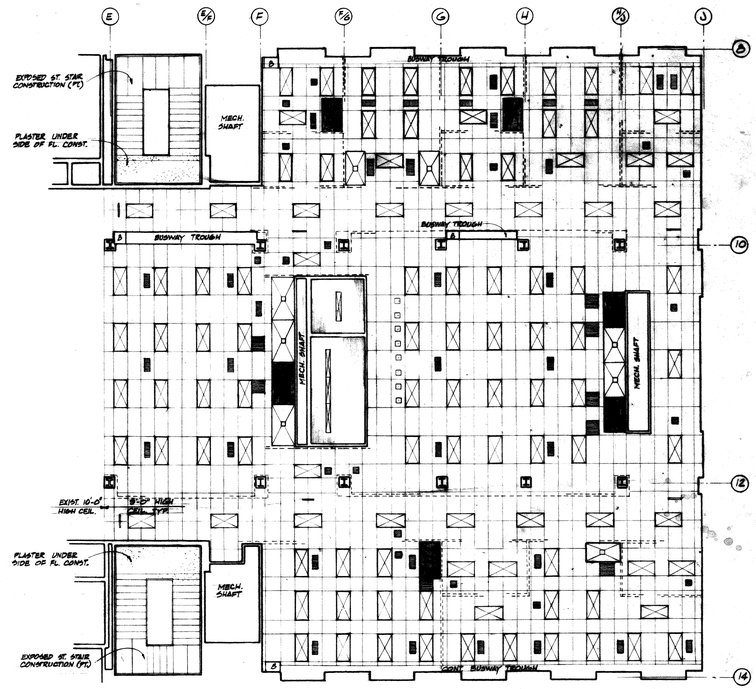
BASEMENT FLOOR PLAN
SCALE: 1/8" = 1'-0"



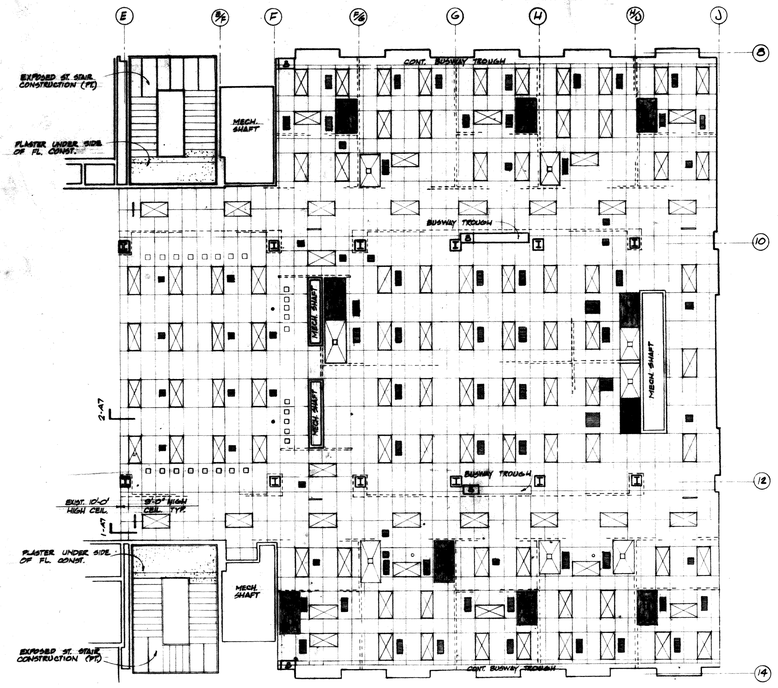
FIRST FLOOR PLAN
SCALE: 1/8" = 1'-0"



SECOND FLOOR PLAN
SCALE: 1/8" = 1'-0"



THIRD FLOOR PLAN
SCALE: 1/8" = 1'-0"



FOURTH FLOOR PLAN
SCALE: 1/8" = 1'-0"



FIFTH FLOOR PLAN
SCALE: 1/8" = 1'-0"

KEY ALL CEILING HEIGHTS SHOWN RELATIVE TO FLOOR SLAB BELOW

- RECESSED FLUORESCENT LIGHT FIXTURE SEE ELEC. DWGS.
- RECESSED INCANDESCENT LIGHT FIXTURE SEE ELEC. DWGS.
- FUME HOODS - SEE MECH. & EQUIP. DWGS. - DET. DWG. A21
- DIFFUSER OR GRILLE SEE MECH. DWGS.
- EXIT SIGNS - SEE ELEC. DWGS.
- SURF. MTD. INCANDESCENT LIGHT FIXTURE - SEE ELEC. DWGS.
- EMERGENCY SHOWER HEADS - SEE MECH. DWGS.
- MOVABLE METAL PARTITIONS - SEE MECH. DWGS.
- BWAY. 9'-3"x12' ALT. CEIL. PATTERN (24"x24" PAN CONSTRUCTION) - SEE MECH. & DWGS. FOR RADIANT CEILS. DWGS. B-54 & B-58
- CHALKBD. FIXT. - SEE ELEC. DWGS.
- FUME HOODS TO BE DELETED UNDER ALT. PRICE A-2E - IN WALL WITH 2'0"x 4'0" AC. SUS. PANELS IF ALT. FROM A-2E IS ACCEPTED
- 4'-0"x 4'-0" PLASTIC-FACED ACOUSTICAL BOARD CEILINGS
- TAP BOXES w/ BUSWAY DUCT - SEE ELECT. DWGS.
- TELEVISION MONITOR SUPPORT - SEE DET. 6 DWG. A7

NORTH

NO.	ITEM - THUS ○	DATE
	REVISIONS	

ADDITION TO THE EAST DENTISTRY MEDICINE PHARMACY BUILDING
833 SOUTH WOOD STREET — CHICAGO 12, ILLINOIS
UNIVERSITY OF ILLINOIS AT THE MEDICAL CENTER

DATE: MAR. 31, 1958
ARCH. PROJ. NO: 54140
DRAWN BY: J. DYER
CHECKED BY: W. ANDERSON
APPROVED BY: S. TILMAN
PROJ. ARCH.: N. MILLETT

ARCHITECTS: PHONE HA 7-6089
300 WEST JACKSON BLVD., CHICAGO, ILL.

DRAWING TITLE: REFLECTED CEILING PLANS ALTERNATE PROPOSAL A-XI

DRAWING NUMBER: A-25

25

54-1.5-25

NORTH

11/28/66

℄ Exist. Col. Line

CAISSON REVISED LOCATION 12" EAST

Remove existing bsm't wall

NEW 6" CONCRETE SLAB ON FILL

Remove Existing Conc. Walls see Arch. Dwgs.

Exist. Pit

Existing piles & pile cap to remain in place

Existing Conc. Bsmt. Wall to remain in place

Existing Conc. Wall to remain in place

Remove Existing Conc. Retaining Wall and replace Wall as noted

Exp. Joint

CAISSON REVISED LOCATION 12" EAST

NEW 6" CONCRETE SLAB ON FILL El. top of slab +2'-6"

Existing Pile & Foundation Top of Pile Cap El. +1'-1"

NEW 6" CONCRETE SLAB ON FILL El. top of slab +2'-6"

6"x6" W.W.F (Typ.)

℄ Existing Caissons

Existing Conc. Walls, Stair & Slab to be removed see Arch. Dwgs.

NEW 6" CONCRETE SLAB ON FILL El. top of slab +2'-6" 6"x6" W.W.F.

NEW 6" CONCRETE SLAB ON FILL EL. TOP OF SLAB +1'-0"

Existing Caissons

Edge of New Concrete Slab

SEE PLAN DET. 18-S1

Existing Caissons

Existing Col. Line

Existing Wall to remain

EXIST'G. MANHOLE 2'-9" DIA. @ EASE

EXISTING FOUNDATION WALL & FOOTING ELEV. TOP OF FOOTING +7'-9"

NOTE:
For size & location of Mech. & Elec. openings, inserts, sleeves, etc. see Arch. Mech. & Elec. Dwgs. For Column Schedule & General Notes see Sheet S-0

NOTE:
REVISED CAISSON LOCATION ℄ 10½" E. OF COL. L & 5'-6" S. OF COL. 14 L

PART BASEMENT & FOUNDATION PLAN
Scale 1/8" = 1'-0"

For wall & col. reinf. See Sect. 10-S1

Face of Existing Wall

Add 8-#9

4-#4 Stirrups @ 5'-10" o.c.

Dwls 8-#10

SECTION 11-S1
3/8" = 1'-0"

Edge of New Concrete Slab

4" Topping

6" Conc. Slab on Fill

Dwls #4@12"

Sidewalk

2-#8 Cont. T&B

REVISED LOCATION CAISSON MARK C-9

SECTION 12-S1
SECTION 12A-S1
3/8" = 1'-0"

For size & location of pads for Mech. Equipment, see — Mech. Dwgs.

#5@12" T&B. each way

Waterstop El. -6'-0"

W.W.F.

TYPICAL PAD DETAIL

CAISSON MARK C-9 RELOCATED SEE 12-S1

4"x4" Tubular Steel Pipe Col. x 12.02#/ft.

Base ℄ 8"x8"x3/4"x0'-8"

Setting ℄ 8"x8"x1/4"x0'-8"

2¼" Topping

El. +15'-0"

W.W.F.

¾" Grout Bed

2-¾"ø x 1'-3" Anchor Bolts

2-#8 Cont. T&B. Key and dowel into existing wall

℄ Caisson

SECTION 13-S1
3/8" = 1'-0"

8'x8' Conc. Strut Vert. Reinf. 4-#6 Dwl. to wall. Ties #2@6"

5'-10"

El. +1'-0"

Dwls #5@12"

W.W.F.

1'-0"

Waterstop El. -6'-0"

6" Conc. Slab on Fill

#4@12"

2-#7 Cont. T&B.

℄ Caisson

SECTION 14-S1
3/8" = 1'-0"

4"x4" Tubular Steel Pipe Col. x 12.02#/ft. Base ℄ 8"x8"x1/4"x0'-8" Setting ℄ 8"x8"x1/4"x0'-8"

¾" Grout Bed

Dwls #5@12"

El. -6'-0"

℄ Caissons

SECTION 15-S1
3/8" = 1'-0"

4"x4" Tubular Steel Pipe Col. x 12.02#/ft. Base ℄ 8"x8"x1/4"x0'-8" Setting ℄ 8"x8"x1/4"x0'-8"

SECTION 16-S1
3/8" = 1'-0"

Exist Wall

#5 Dowels @ 12" o.c. ea. face - Drill & Grout into Exist. Wall

PLAN DETAIL 18-S1
PLAN DETAIL 18A-S1 SIMILAR

EL. +15'-0"

4½"

Dwls #5@12" o.c.

Conc. Pier 44"x24" Vert. Reinf. 8-#11 dwl. to ftg. Ties 2 Per bars #3@18"

Conc. Pier 14"x18" Vert. Reinf. 4-#9 Ties #2@12" o.c.

#4@12"

#6@9"

Waterstop Typ.

EL. +2'-6"

W.W.F.

2-#7 Cont. T&B.

SECTION 1-S1
3/8" = 1'-0"

#5@9"-splice @ counterforts

#6@9"-splice between counterforts

#4@12"

#5@12" ea. face

4-#11 bars dwl. to ftg.

6-#12 □ bars in pairs

Dwls 4-#9

3'Cl. Typ.

SECTION 2-S1
3/8" = 1'-0"

28"x24" Conc. Col. Vert. Reinforcing 8-#10 Dwl. to Caisson Ties (2 Per bars #3@16"

#5@9"

#6@9"

#4@12" Dwl. to Bm.

2-#7 Cont. T&B.

#3@18" 5'

SECTION 7-S1
3/8" = 1'-0"

Dwls #5@12"

COL M-8 & N-8 Re-Steel see Z-S2

#6@12"

#4@18"

Top of Caisson

SECTION 8-S1
3/8" = 1'-0"

#5@12"

#5@6"

#4@14"

#4@18"

#6@12"

#4@18" thruout

SECTION 9-S1
3/8" = 1'-0"

EL. +15'-0" TO +14'-6"

Dowels Same Size & No. as Vert. Reinf.

24"x28" Conc. Pier Vert. reinf. 8-#10 dwl. to beam Ties 3 sets #3 @ 18" o.c.

3 #4 As Shown

#4@12"

SECTION 10-S1
3/8" = 1'-0"

EL. +2'-5" SEE A-6.13

EL. +2'-6"

Waterstop

W.W.F.

2-#5

#3@18"

4-#8 Cont. T&B. Top bars splice in ctr. of spans. Bott. bars splice over caissons only.

℄ Caisson

SECTION 4-S1
3/8" = 1'-0"

For wall reinf. see Sect. 2-S1.

For counterfort reinf. see Sect. 2-S1.

3'-6"

2'-9"

#6@11"

#5@12"

#7@6"

SECTION 5-S1
3/8" = 1'-0"

EL. +2'-5" SEE A-6.13

For reinf. not shown, wall & ftg. det's. see Sect. 3-S1.

4-#8 Cont. T&B

SECTION 6-S1
3/8" = 1'-0"

Note: For reinf. dimensions, & details not shown see Sect. 1-S2.

CAISSON SCHEDULE

MARK	SHAFT DIAM.	BELL DIAM.	REMARKS
C1	24"	—	
C2	64"	12'-6"	
C3	30"	5'-0"	
C4	30"	4'-6"	
C5	18"	—	
C6	18"	3'-3"	
C7	36"	6'-9"	
C8	18"	3'-6"	
C9	30"	—	
C10	30"	5'-6"	
C11	30"	5'-9"	

ADDITION TO THE EAST DENTISTRY MEDICINE PHARMACY BUILDING
833 SOUTH WOOD STREET — CHICAGO 12, ILLINOIS
UNIVERSITY OF ILLINOIS AT THE MEDICAL CENTER

DRAWING TITLE: BASEMENT & FOUNDATION PLAN

DRAWING NUMBER: S-1

DATE: MARCH 31, 1966
ARCH. PROJ. NO: 24140
DRAWN BY: J. S. & J. H.
CHECKED BY: R. BASKIN
APPROVED BY: S. TAKASUGI
PROJ. ARCH.: V. MILLETT

ARCHITECTS: PHONE HA 7-9080 300 WEST JACKSON BLVD., CHICAGO, ILL.

STRUCTURAL ENGINEERS 300 WEST ADAMS ST., CHICAGO, ILL.

NO. | ITEM - THUS | DATE
REVISIONS

924-13-26

NORTH

PART FIRST FLOOR FRAMING PLAN

NOTES:

For size & location of Mech. & Elec openings, inserts, sleeves, etc. see Arch., Mech. & Elec. Dwgs. For Column Schedule & General Notes see Sheet 39.

FIRST FLOOR CONCRETE BEAM SCHEDULE

MARK	SIZE	MAIN REINFORCING: STRAIGHT CONT. TOP BARS	MAIN REINFORCING: STRAIGHT CONT. BOTTOM BARS	ADDED TOP BARS: NO.-SIZE	ADDED TOP BARS: LOCATION	STIRRUPS: NO.	STIRRUPS: SIZ.	STIRRUPS: SHP.	STIRRUPS: SPACING EACH END	REMARKS :
181	8×43	2-#8	2-#8	——	——		#3		12" o.c. thruout	
182	8×43	2-#8	2-#8	——	——		#3		12" o.c. thruout	
183	28×22	6-#7	2-#7	2-#7	Ⓚ Ⓟ		#3		12" o.c. thruout	
184	28×22	6-#7	2-#7	4-#7	Ea. End		#3		12" o.c. thruout	
185	8×18	2-#9	2-#6	——	——		#3		9" o.c. thruout	
186	12×18	3-#9	2-#7	——	——		#3		16" o.c. thruout	
187	28×18	7-#8	——	3-#7	Ea. End		#3		11" o.c. thruout	For Anchor Bolts See Arch. Drw. A-15
188	8×39	2-#7	2-#7	——	——		#3		18" o.c. thruout	
189	12×18	3-#9	2-#7	2-#7	E. End		#3		5, 2@5", 3@15" W. End	
1810	16×18	4-#9	3-#7	——	——		#3		6, 3@12"	See Sec. 2-510

SECTION 1-S2
3/8" = 1'-0"

SECTION 2-S2
3/8" = 1'-0"

SECTION 3-S2
3/8" = 1'-0"

SECTION 4-S2
3/8" = 1'-0"

SECTION 5-S2
3/8" = 1'-0"

SECTION 6-S2
3/8" = 1'-0"

SECTION 7-S2
3/8" = 1'-0"

SECTION 8-S2
3/8" = 1'-0"

SECTION 9-S2
3/8" = 1'-0"

SECTION 10-S2
3/8" = 1'-0"

SECTION 11-S2
3/8" = 1'-0"

SECTION 12-S2
3/8" = 1'-0"

SECTION 13-S2
3/8" = 1'-0"

SECTION 14-S2, 14A-S2 SIMILAR
3/8" = 1'-0"

SECTION 15-S2
3/8" = 1'-0"

ADDITION TO THE EAST DENTISTRY MEDICINE PHARMACY BUILDING
833 SOUTH WOOD STREET — CHICAGO 12, ILLINOIS
UNIVERSITY OF ILLINOIS AT THE MEDICAL CENTER

DRAWING TITLE: FIRST FLOOR FRAMING PLAN

DRAWING NUMBER: S-2

DATE: MARCH 31, 1966
ARCH. PROJ. NO: 24140
DRAWN BY: L. KASMIER
CHECKED BY: E. BASKIN
APPROVED BY: S. TWISDALE
PROJ. ARCH.: N. WILLETT

ARCHITECTS: PHONE HA 7-9200, 200 WEST JACKSON BLVD., CHICAGO, ILL.

STRUCTURAL ENGINEERS, 200 WEST ADAMS ST., CHICAGO, ILL.

NO. ITEM - THUS ○ DATE — REVISIONS

924-1.3-27

27

REINFORCE EXISTING STRUCTURE FOR NEW FLOOR AND ROOF STRUCTURE. REINFORCING COULD INCLUDE REINFORCING THE STEEL COLUMNS, BEAM AND FOUNDATIONS. ANOTHER OPTION IS TO DROP NEW COLUMNS THROUGH THE BUILDING. THE EXISTING ROOF IS RECESSED 1'-3 1/2" WITH A 4 1/2" CONCRETE DECK. EXISTING STRUCTURE DOES APPEAR TO BE DESIGNED FOR FUTURE FLOORS BUT THE EXISTING DRAWINGS DO NOT INDICATE HOW MANY NEW FLOOR. EXISTING STRUCTURE TO BE ANALYZED DEPENDING ON HOW THE FLOOR STRUCTURE IS LAID OUT.

SECOND FLOOR FRAMING PLAN

NOTES:
Top of top flange of Structural Steel Beams @ El. +28'-7 1/2" unless shown or noted otherwise thus (+27'-10 3/4").
For size & location of Mech. & Elec. openings, inserts, sleeves, etc., see Arch, Mech.& Elec. Dwgs.
For Col. Sched. & General Notes see Sht. 39
For Truss Dets. see Sht. 58

EXISTING ROOF
Top of Roof Elevation +28'-2 1/4"

SECTION 1 - S3
3/4"=1'-0"

SECTION 2 - S3
3/4"=1'-0"

SECTION 3 - S3
3/4"=1'-0"

SECTION 4 - S3
3/4"=1'-0"

SECTION 5 - S3
3/4"=1'-0"

SECTION 6 - S3
3/4"=1'-0"

SECTION 7 - S3
3/4"=1'-0"

SECTION 8 - S3
SECTION 8A-S3 SIMILAR

PLAN DETAIL 9 - S3
PLAN DETAIL 9A-S3 SIMILAR

PLAN DETAIL 13 - S3

SECTION 10 - S3
SECTION 10A-S3 SIMILAR

SECTION 11 - S3
SECTION 11A-S3 SIMILAR

SECTION 12 - S3
3/4"=1'-0"

SECTION 14 - S3

SECTION 15 - S3

SECTION 16 - S3

SECTION 17 - S3
SECTION 17A-S3 SIMILAR

SECTION 18 - S3
SECTION 18A-S3 SIMILAR

SECTION 19 - S3
SECTION 19A-S3 SIMILAR

SECTION 20 - S3

SECTION 21 - S3

SECTION 22 - S3

SECTION 23 - S3

ADDITION TO THE EAST DENTISTRY MEDICINE PHARMACY BUILDING
833 SOUTH WOOD STREET — CHICAGO 12, ILLINOIS
UNIVERSITY OF ILLINOIS AT THE MEDICAL CENTER

DRAWING TITLE: 2nd FLOOR FRAMING PLAN
DRAWING NUMBER: S-3

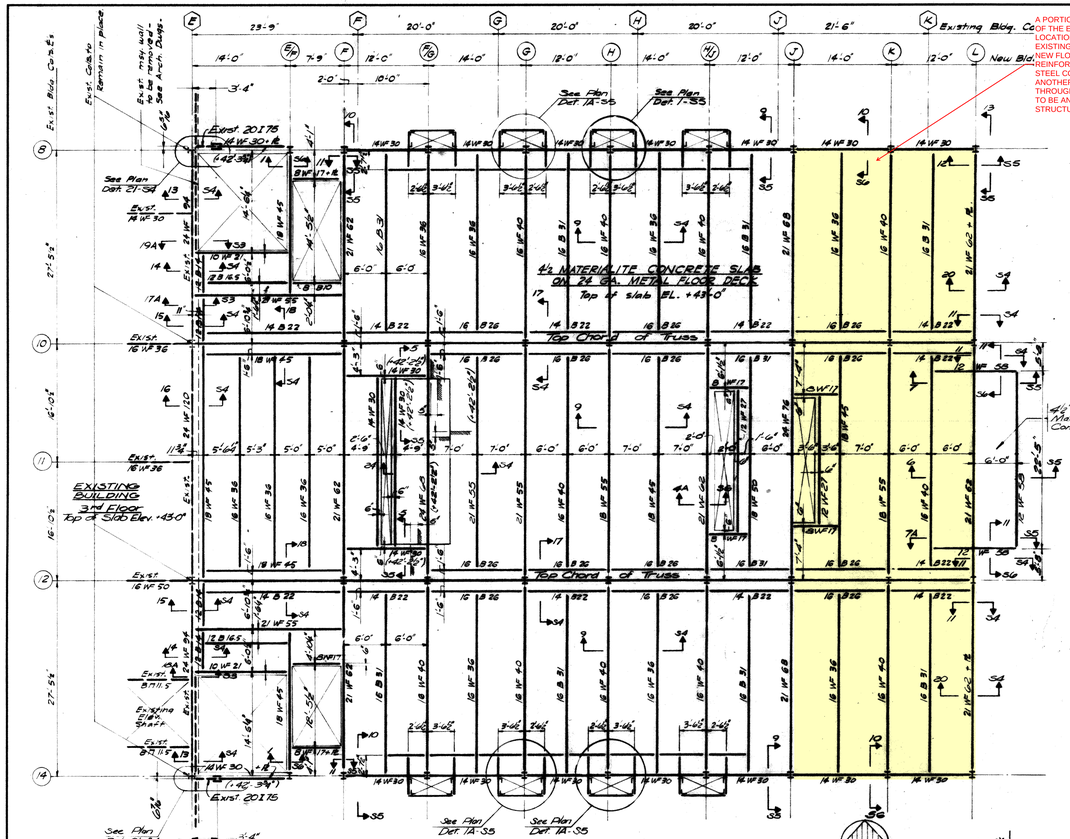
DATE: MARCH 31, 1954
ARCH. PROJ. NO: 24140
DRAWN BY: P.H. BACH
CHECKED BY: E. BASKIN
APPROVED BY: STUECKEN
PROJ. ARCH.: V. WILLETT

ARCHITECTS: THE PERKINS & WILL PARTNERSHIP — PHONE HA 7-3900 — 300 WEST JACKSON BLVD., CHICAGO, ILL.
STRUCTURAL ENGINEERS: NELSON, STROM, BASKIN, BERMAN & ASSOCIATES — 300 WEST ADAMS ST., CHICAGO, ILL.

NO. | ITEM - THUS 0 | DATE — REVISIONS

S-3

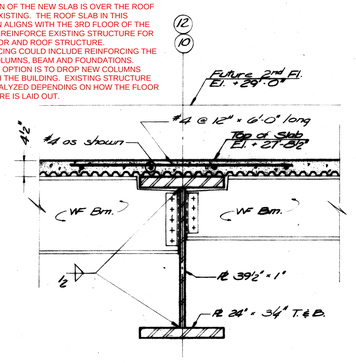
A PORTION OF THE NEW SLAB IS OVER THE ROOF OF THE EXISTING. THE ROOF SLAB IN THIS LOCATION ALIGNS WITH THE 3RD FLOOR OF THE EXISTING. REINFORCE EXISTING STRUCTURE FOR NEW FLOOR AND ROOF STRUCTURE. REINFORCING COULD INCLUDE REINFORCING THE STEEL COLUMNS, BEAM AND FOUNDATIONS. ANOTHER OPTION IS TO DROP NEW COLUMNS THROUGH THE BUILDING. EXISTING STRUCTURE TO BE ANALYZED DEPENDING ON HOW THE FLOOR STRUCTURE IS LAID OUT.



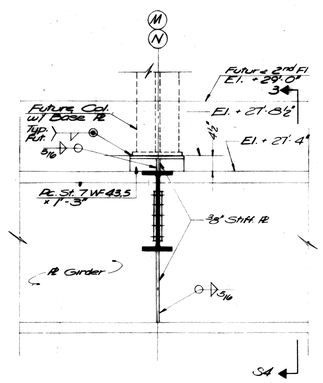
THIRD FLOOR FRAMING PLAN
⅛" = 1'-0"

NORTH

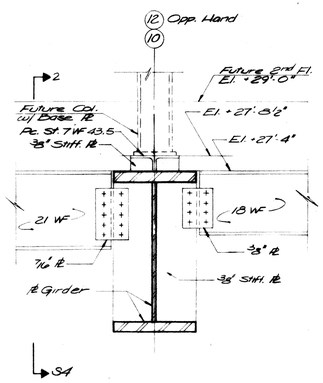
Notes:
Top of top flange of Structural Steel Beams @ EL. +42'-7½" unless otherwise shown or noted thus (+42'-0").
For size & location of Mech. & Elec. openings, inserts, sleeves, depressions etc. see Arch., Mech. & Elec. Dwgs.
For Col. Schedule & General notes see sheet S-9
For fenestration details, see sheet S8



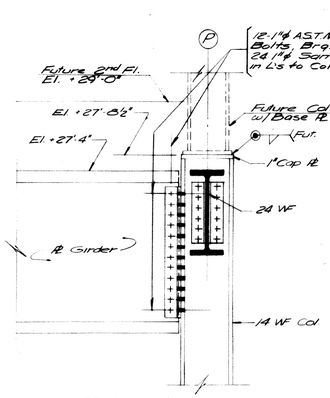
SECTION 1 - S4
3/4" = 1'-0"



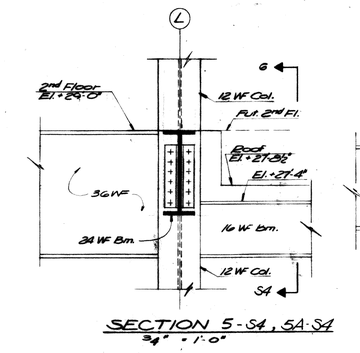
SECTION 2 - S4
3/4" = 1'-0"



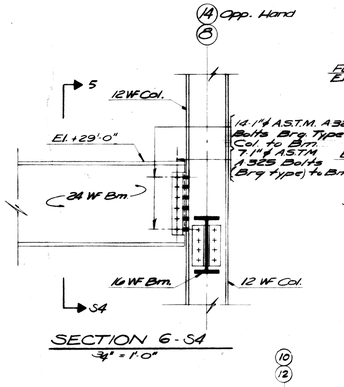
SECTION 3 - S4
3/4" = 1'-0"



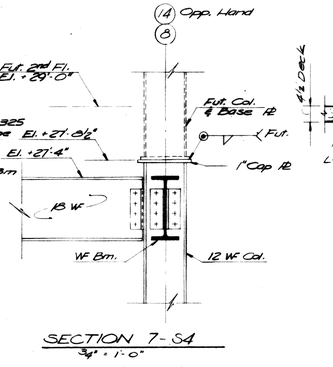
SECTION 4 - S4
3/4" = 1'-0"



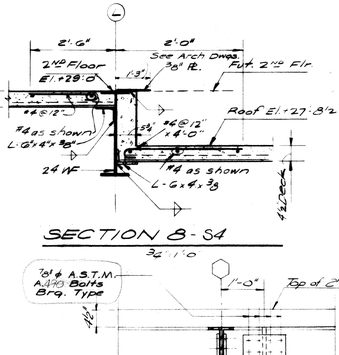
SECTION 5 - S4, 5A - S4
3/4" = 1'-0"



SECTION 6 - S4
3/4" = 1'-0"



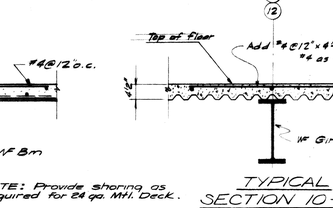
SECTION 7 - S4
3/4" = 1'-0"



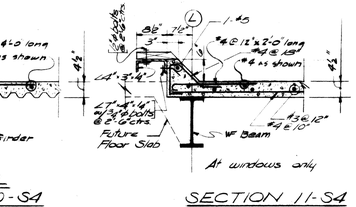
SECTION 8 - S4
3/4" = 1'-0"

SECTION 9 - S4
3/4" = 1'-0"

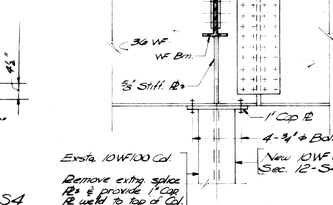
NOTE: Provide shoring as required for 24 ga. Mtl. Deck.



TYPICAL
SECTION 10 - S4
3/4" = 1'-0"

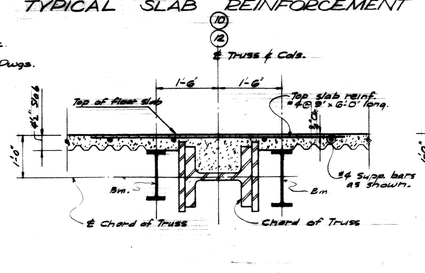


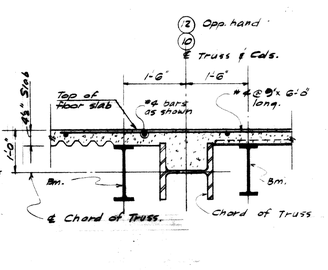
SECTION 11 - S4
3/4" = 1'-0"

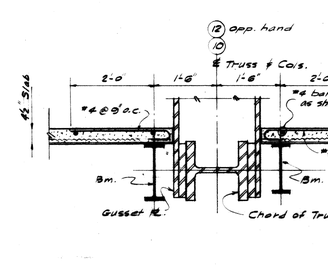


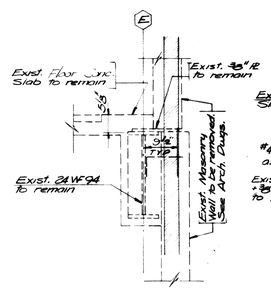
SECTION 12 - S4
SECTION 12A - S4 SIMILAR EXCEPT AS NOTED
TYPICAL BEAM TO EXSTG. COLUMN OR NEW COLUMN CONNECTION AT EXSTG. COLUMN LINE.

TYPICAL SLAB REINFORCEMENT

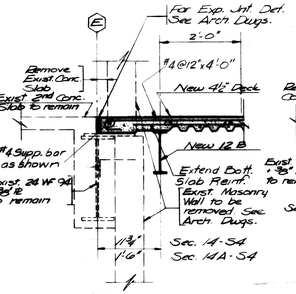




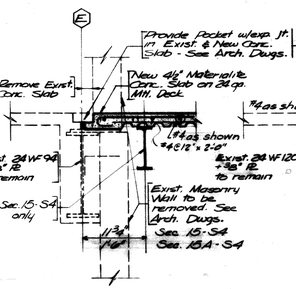




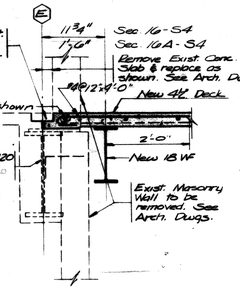
SECTION 13 - S4
3/4" = 1'-0"



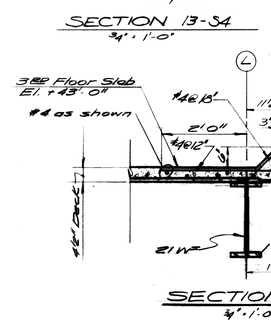
SECTION 14 - S4, 14A - S4
3/4" = 1'-0"



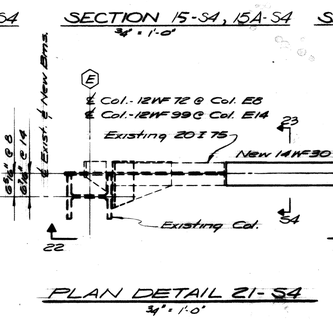
SECTION 15 - S4, 15A - S4
3/4" = 1'-0"



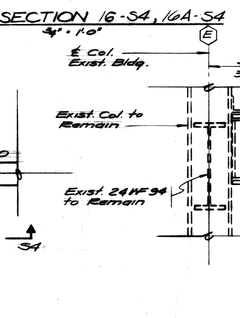
SECTION 16 - S4, 16A - S4
3/4" = 1'-0"



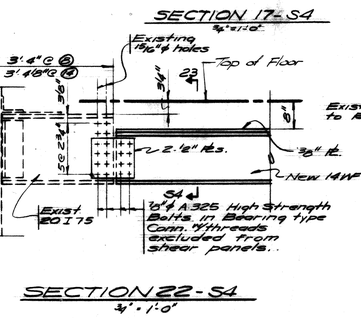
SECTION 20 - S4
3/4" = 1'-0"



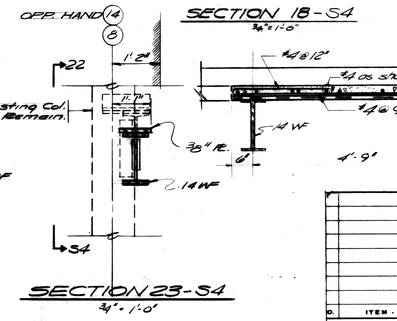
PLAN DETAIL 21 - S4
3/4" = 1'-0"



SECTION 22 - S4
3/4" = 1'-0"



SECTION 23 - S4
3/4" = 1'-0"



SECTION 24 - S4
3/4" = 1'-0"

ADDITION TO THE EAST DENTISTRY MEDICINE PHARMACY BUILDING
833 SOUTH WOOD STREET — CHICAGO 12, ILLINOIS
UNIVERSITY OF ILLINOIS AT THE MEDICAL CENTER

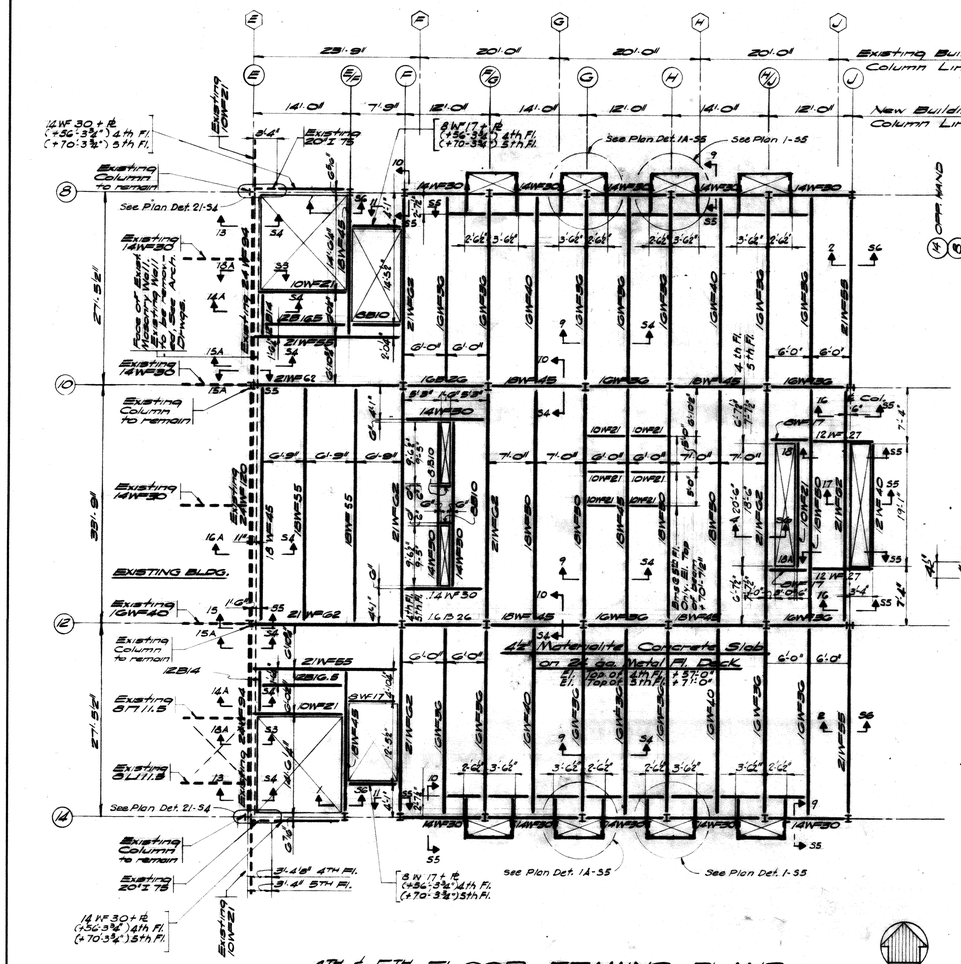
DRAWING TITLE: 3rd. FLOOR FRAMING PLAN

DRAWING NUMBER: S-4

NO.	ITEM - THUS ○	DATE
REVISIONS		

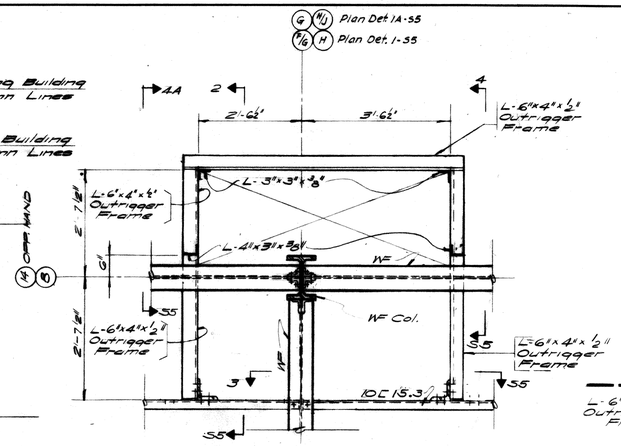
DATE: MARCH 31, 1960
ARCH. PROJ. NO: 24140
DRAWN BY: R.H.B. ; J.K.
CHECKED BY: E. BASKIN
APPROVED BY: S. Tsujiwada
PROJ. ARCH.: A. Nitzsche

ARCHITECTS: PHONE HA 7-9200, 500 WEST JACKSON BLVD., CHICAGO, ILL.
STRUCTURAL ENGINEERS, 500 WEST ADAMS ST., CHICAGO, ILL.

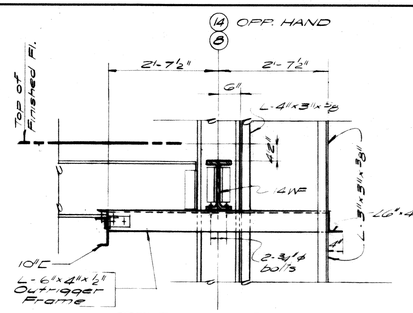


4TH & 5TH FLOOR FRAMING PLANS
SCALE 1/8"=1'-0"

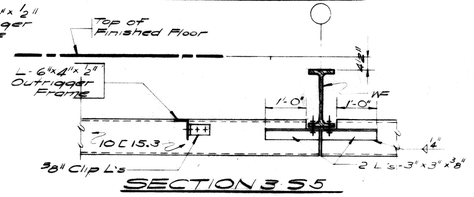
NORTH



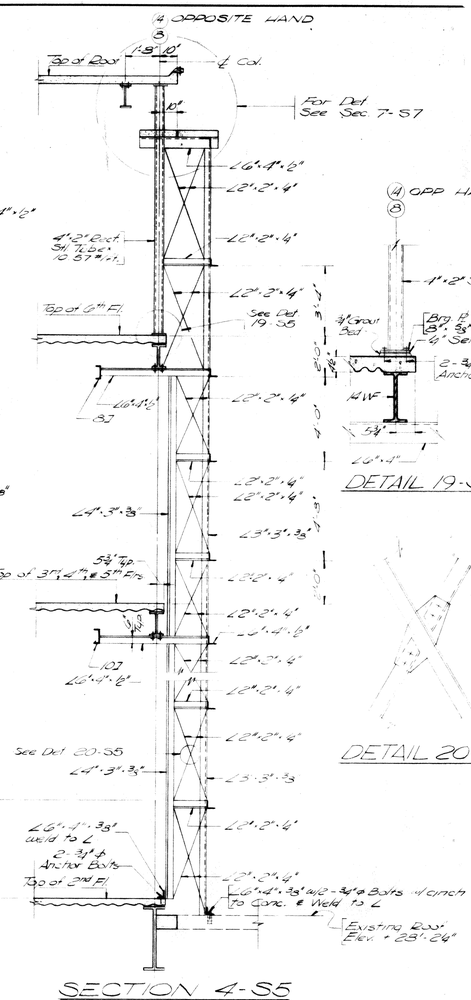
PLAN DETAIL 1-S5
PLAN DETAIL 1A-S5 OPP. HAND

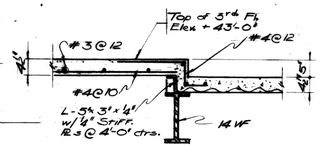


SECTION 2-S5

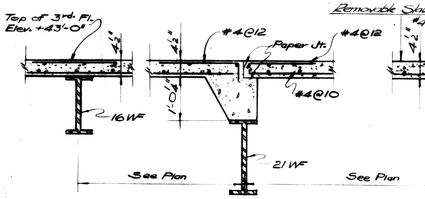


SECTION 3-S5

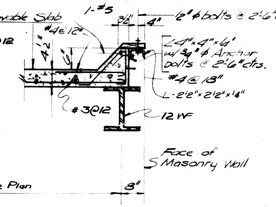


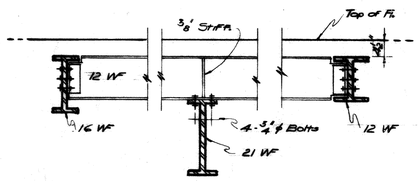


SECTION 5-S5

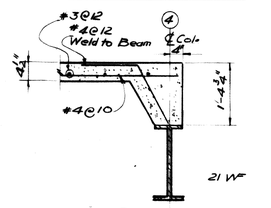


SECTION 6-S5

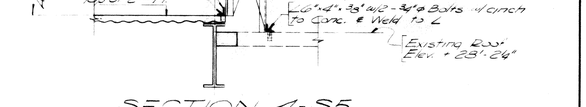




SECTION 7-S5
SECTION 7A-S5 OPP. HAND

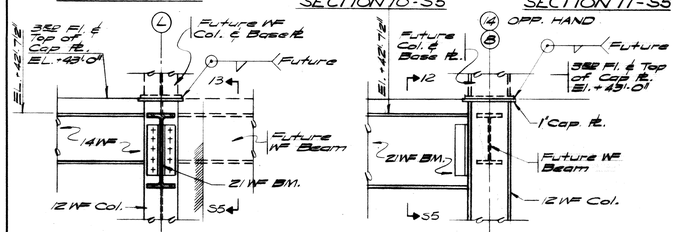


SECTION 8-S5

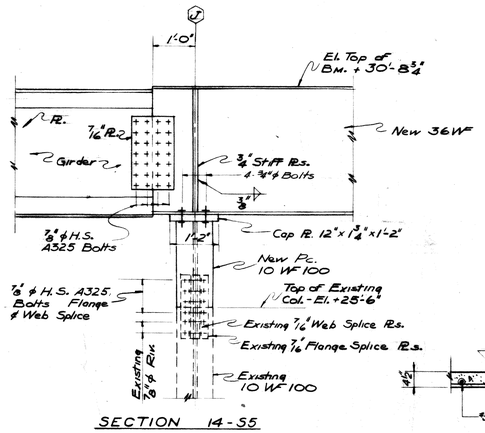


SECTION 4-S5
SECTION 4A-S5 SIMILAR & OPP HAND

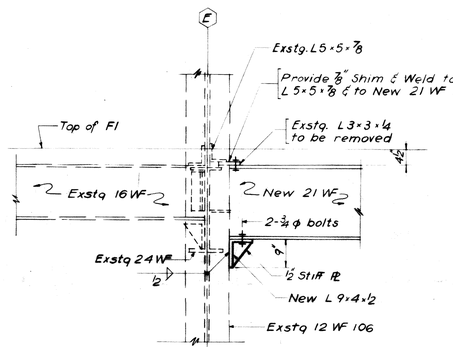
SECTION 9-S5
SECTION 10-S5
SECTION 11-S5



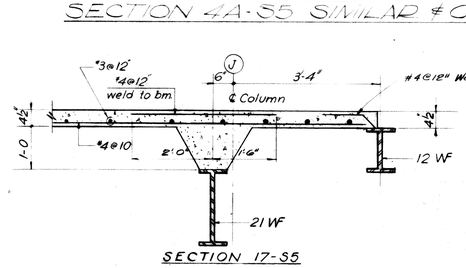
SECTION 12-S5
SECTION 13-S5



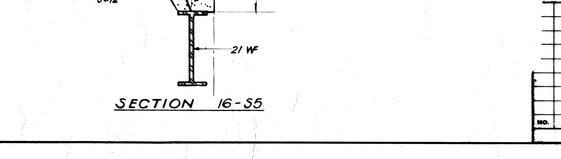
SECTION 14-S5



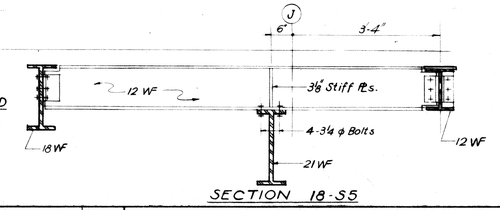
SECTION 15-S5
SECTION 15A-S5 SIMILAR & OPP. HAND



SECTION 17-S5



SECTION 16-S5

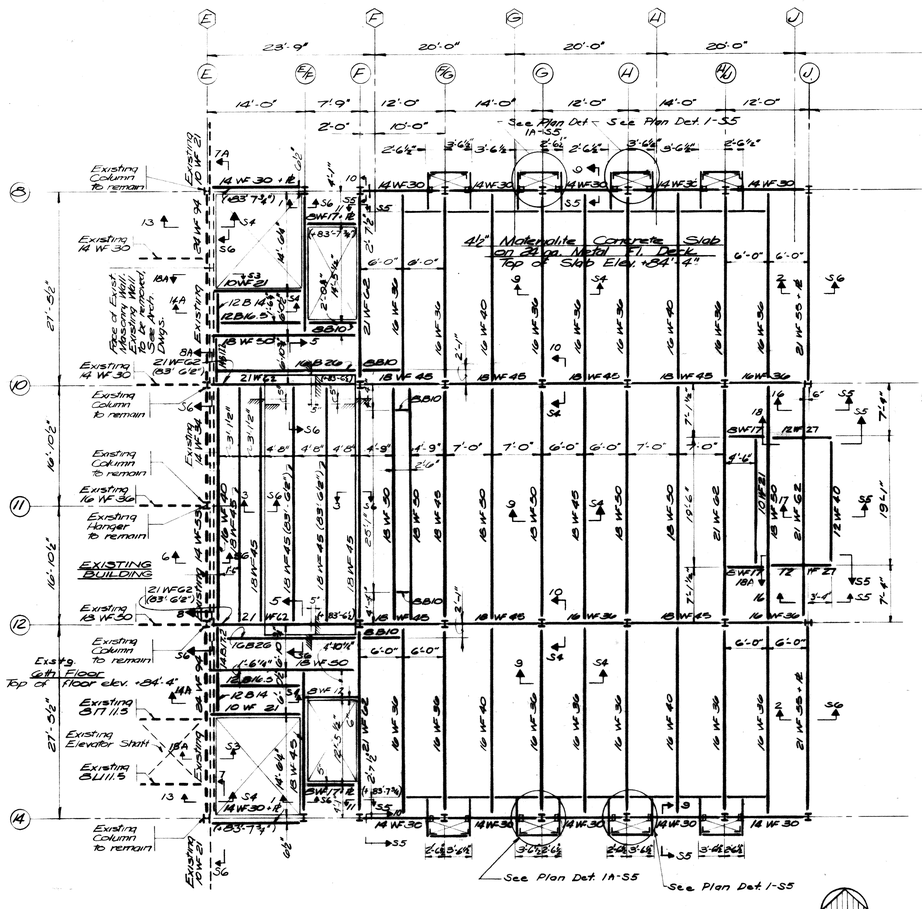


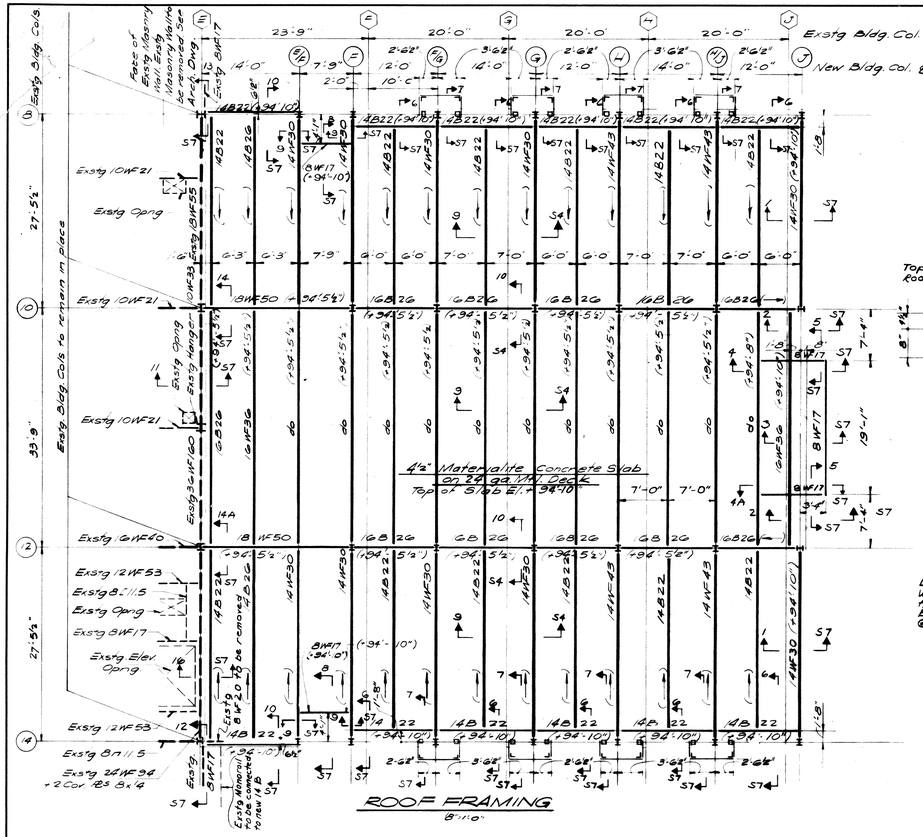
SECTION 18-S5

Note: Top of top flange of Structural Steel Beams 4TH Floor @ Elev. +56'-7½" and 5TH Floor @ Elev. +70'-7½" unless Otherwise shown or noted. For Size and location of Mechanical and Electrical openings, inserts, sleeves, etc., See Arch., Mech., and Elec. Drwgs. For Column Schedule and General Notes See S1.

			ADDITION TO THE EAST DENTISTRY MEDICINE PHARMACY BUILDING 833 SOUTH WOOD STREET — CHICAGO 12, ILLINOIS UNIVERSITY OF ILLINOIS AT THE MEDICAL CENTER	DRAWING TITLE: 4th & 5th FLOOR FRAMING PLANS
NO.	ITEM - THUS ○	DATE	DATE: MARCH 31, 1955 ARCH. PROJ. NO: 24140 DRAWN BY: P.W.B. J.K. CHECKED BY: E. BASCH APPROVED BY: S. TILTON PROJ. ARCH: N. WILLET	ARCHITECTS: PHONE HA 7-5800 209 WEST JACKSON BLVD., CHICAGO, ILL. THE PERKINS & WILL PARTNERSHIP NELSON, STRAM & BASCH BERMAN, ASS'S STRUCTURAL ENGINEERS 209 WEST ADAMS ST., CHICAGO, ILL.	DRAWING NUMBER: S-5
	REVISIONS				

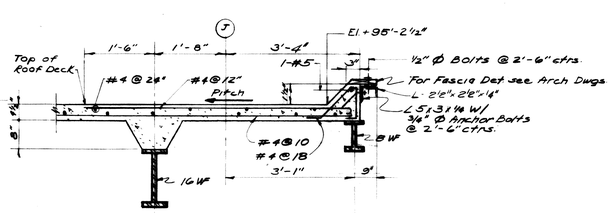
924-1.5-30


4½" Masonite Concrete Slab on 24 ga. Metal Fl. Deck. Top of Slab Elev. +84'-4"
EXISTING BUILDING
See Plan Det. 1A-S5
See Plan Det. 1-S5
Existing Column to remain
Existing 14 WF 30
Existing Hanger to remain
Existing Elevator Shaft
Existing Column to remain
Existing Top of floor elev. +84'-4"
Existing Column to remain
Existing 18 WF 50
Existing 14 WF 34
Existing 10 WF 21
Existing 8 WF 17
Existing 8 WF 15
Existing 8 WF 13
Existing 8 WF 10
Existing 8 WF 28
Existing 8 WF 31
Existing 8 WF 35
Existing 8 WF 40
Existing 8 WF 45
Existing 8 WF 48
Existing 8 WF 50
Existing 8 WF 58
Existing 8 WF 67
Existing 8 WF 24
Existing 8 WF 21
Existing 8 WF 18
Existing 8 WF 67
Existing 8 WF 62
Existing 8 WF 40
Existing 8 WF 35
Existing 8 WF 30
Existing 8 WF 45
Existing 8 WF 50
Existing 8 WF 48



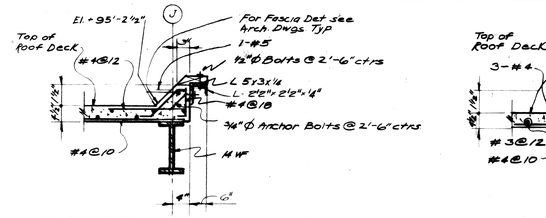
Note: Exstg. Monorail to be shored until connected to new 14 B

Note: Top of top flange of structural steel beams shown thus (+94'-10"). For size and location of Mechanical and Electrical openings, inserts, sleeves, etc. see Arch, Mech, and Elec. Drwgs. For Column Sched. and General Notes see sht. S9

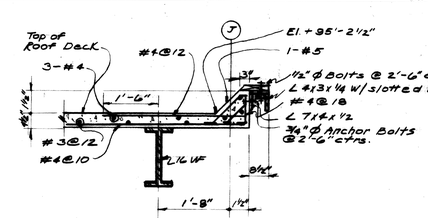


SECTION 1-S7
¾"=1'-0"

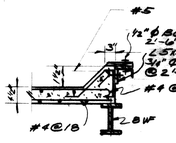
SECTION 3-S7
¾"=1'-0"



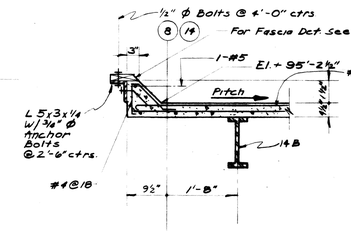
SECTION 4-S7
SECTION 4A-S7 OPPOSITE HAND
¾"=1'-0"



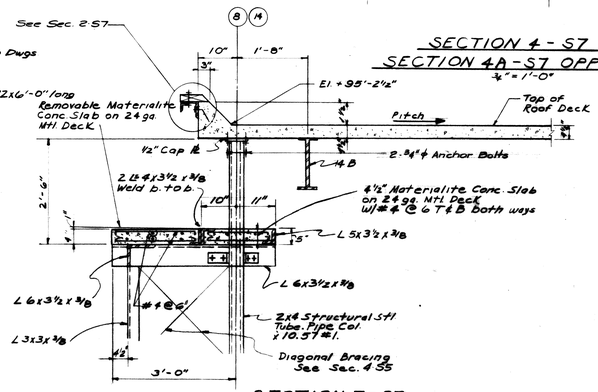
SECTION 2-S7
¾"=1'-0"



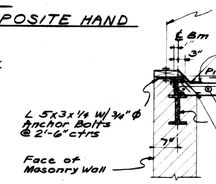
SECTION 5-S7
¾"=1'-0"



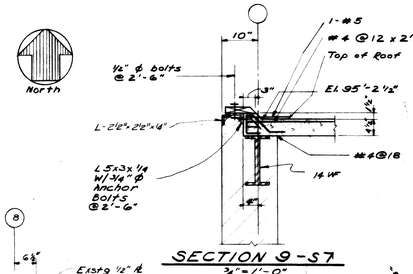
SECTION 6-S7
¾"=1'-0"



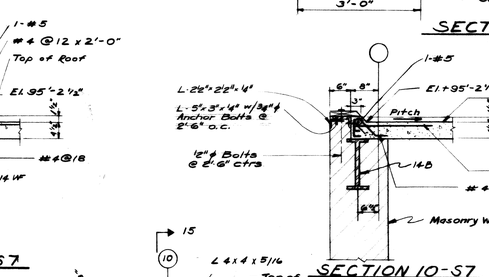
SECTION 7-S7
¾"=1'-0"



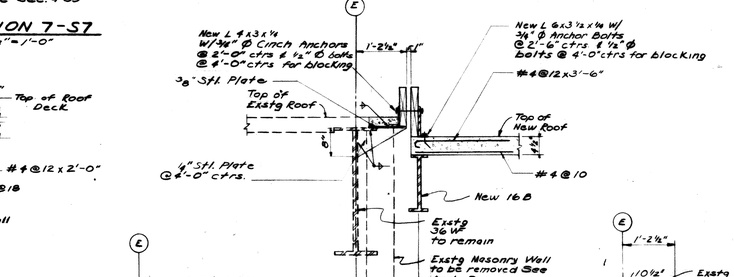
SECTION 8-S7
¾"=1'-0"



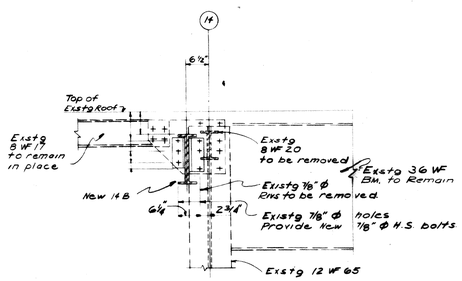
SECTION 9-S7
¾"=1'-0"



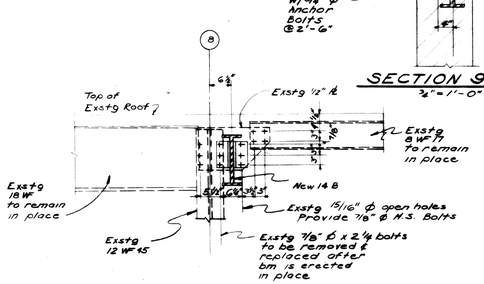
SECTION 10-S7
¾"=1'-0"



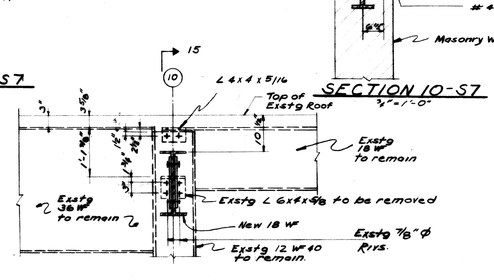
SECTION 11-S7
¾"=1'-0"



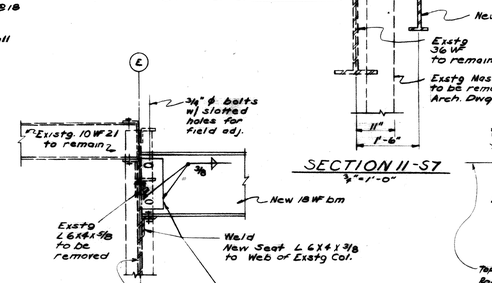
SECTION 12-S7
¾"=1'-0"



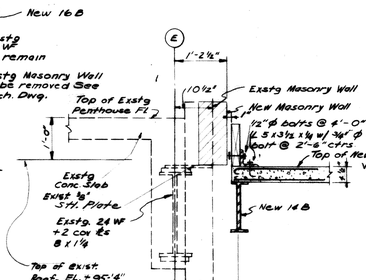
SECTION 13-S7
¾"=1'-0"



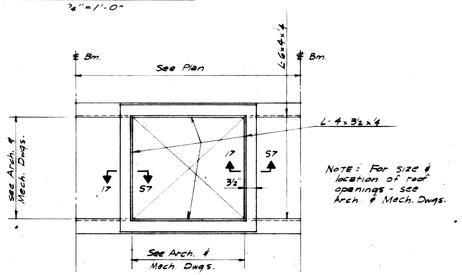
SECTION 14-S7
SECTION 14A-S7 SIMILAR
¾"=1'-0"



SECTION 15-S7
¾"=1'-0"

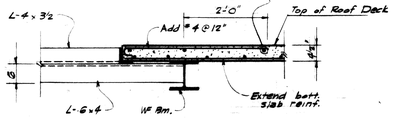


SECTION 16-S7
¾"=1'-0"



NOTE: For size & location of roof openings - see Arch. & Mech. Dwgs.

TYPICAL ROOF OPENING DETAIL



SECTION 17-S7

NO.	ITEM - THUS ◇	DATE	REVISIONS

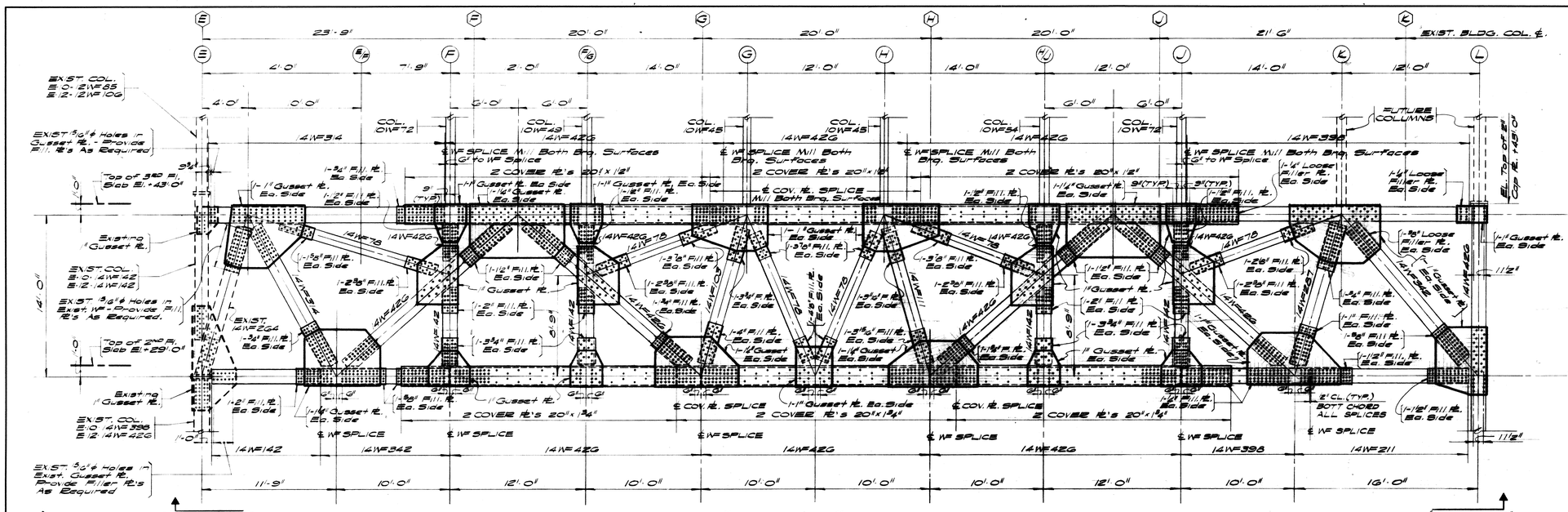
ADDITION TO THE EAST DENTISTRY
MEDICINE PHARMACY BUILDING
833 SOUTH WOOD STREET — CHICAGO 12, ILLINOIS
UNIVERSITY OF ILLINOIS AT THE MEDICAL CENTER

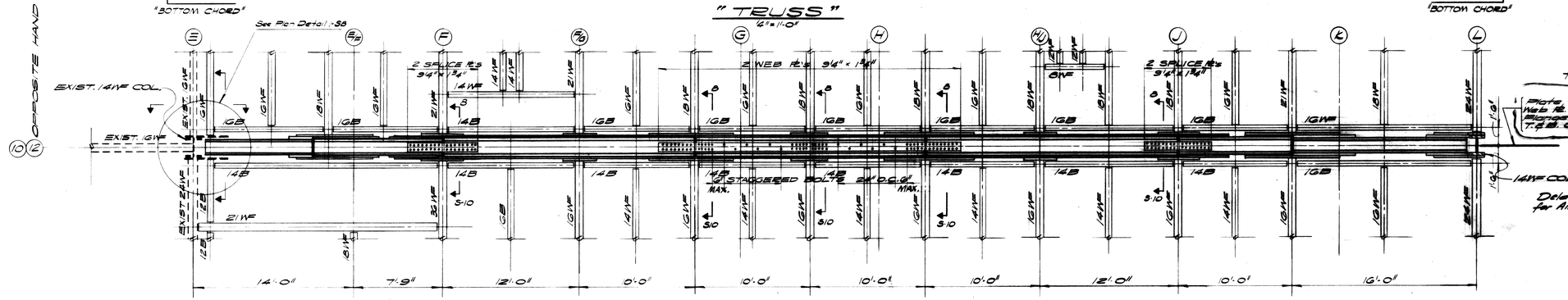
DATE: MARCH 31, 1966
ARCH. PROJ. NO: 64140
DRAWN BY: JK, JAP
CHECKED BY: EE
APPROVED BY: E. Wittgen
PROJ. ARCH.: N. HILLETT

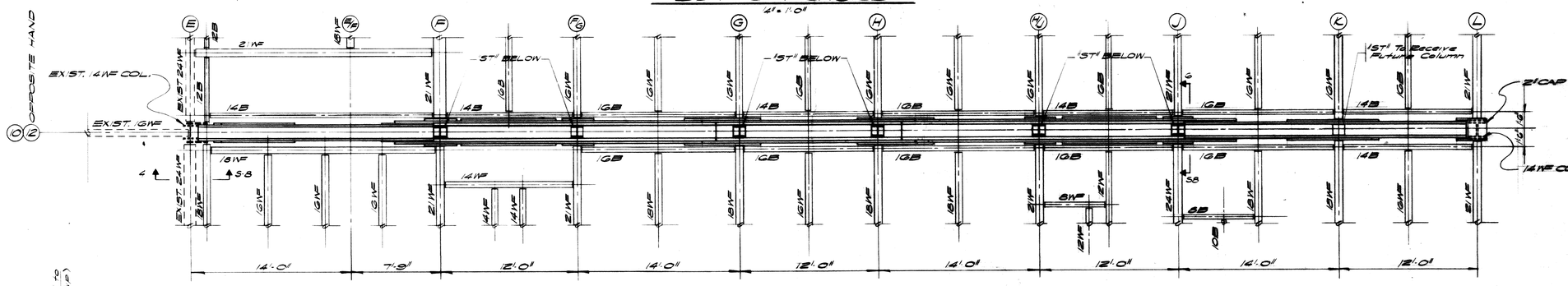
ARCHITECTS: PHONE HA 7-4200, 200 WEST JACKSON BLVD., CHICAGO, ILL.
STRUCTURAL ENGINEERS 203 WEST ADAMS ST., CHICAGO, ILL.

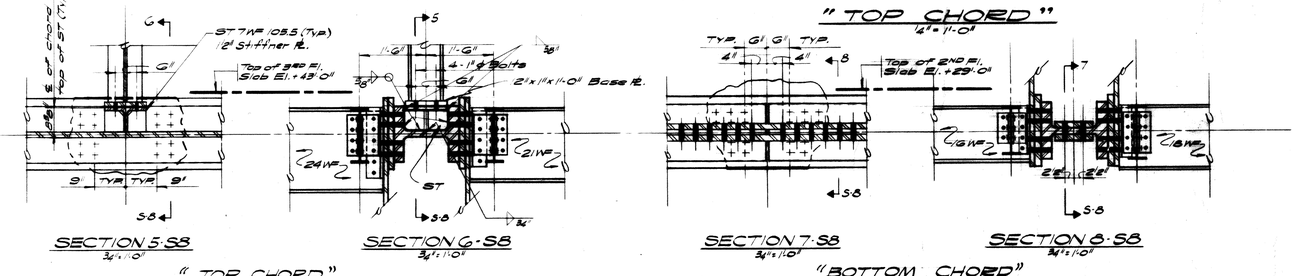
DRAWING TITLE: ROOF FRAMING PLAN
DRAWING NUMBER: S-7

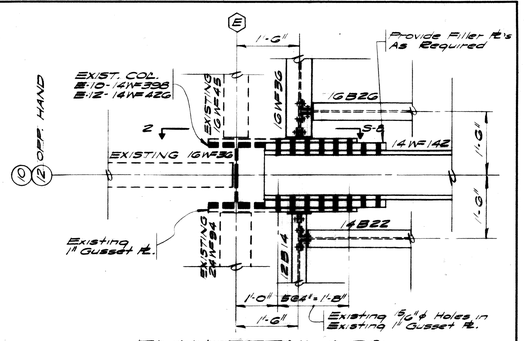
924-1.3-32

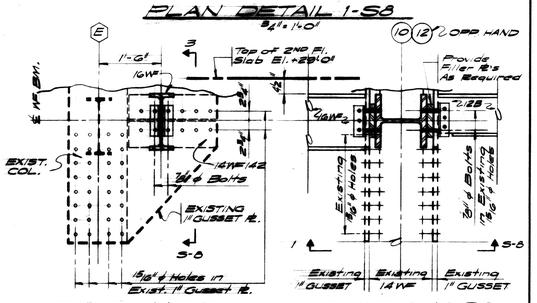


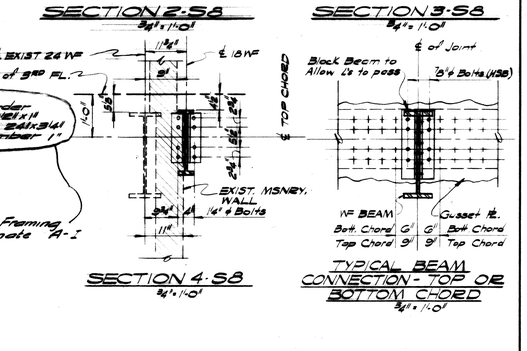












TRUSS STRUCTURAL NOTES

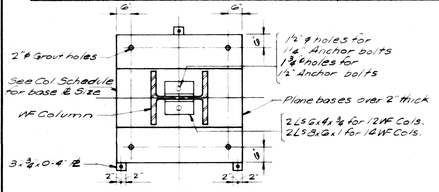
All Structural Steel For Truss shall be A.S.T.M. A-441 except as noted in Drawings.
The Structural Steel and workmanship shall conform to A.I.S.C. Specifications as revised to date.
All Bolts for connections in truss shall conform to A.S.T.M. A-325 High Strength Bolts in bearing type connections with threads excluded from shear planes.
All Bolts shall be 1/4" ϕ with 15/16" ϕ open holes except as noted.
Camber = 2"

ADDITION TO THE EAST DENTISTRY MEDICINE PHARMACY BUILDING 833 SOUTH WOOD STREET — CHICAGO 12, ILLINOIS UNIVERSITY OF ILLINOIS AT THE MEDICAL CENTER			DRAWING TITLE: TRUSS DETAILS
DATE: MARCH 31, 1966 ARCH. PROJ. NO. 24100 DRAWN BY: PAUL H. BACH CHECKED BY: R. BASKIN APPROVED BY: S. LAPIUS PROJ. ENGR.: N. MILLETT	ARCHITECTS: PHONE HA 7-4000, 300 WEST JACKSON BLVD., CHICAGO, ILL. STRUCTURAL ENGINEERS, 300 WEST ADAMS ST., CHICAGO, ILL.		DRAWING NUMBER: S-8
NO. ITEM - THUS ◇ DATE REVISIONS			

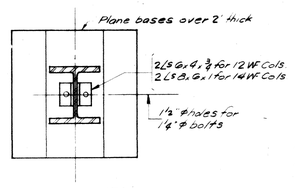
924-1.3-33

STEEL COLUMN SCHEDULE

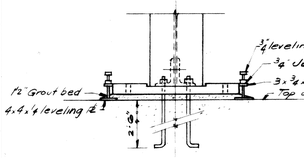
MARK STORY	E/F,4 E/F,8	F,4 F,8	F/G,4 G,4 H,4 F/G,8 G,8 H,8 H/J,8	H/J,4	J,4 J,8	K,4 K,8	L,4 L,8	M,4 N,4 M,8 N,8	P,4 P,8	FB, JB Existg Bldg Col. Line	GB Existg Bldg Col. Line	HB Existg Bldg Col. Line	L,10 L,12	P,10 P,12	G,10 G,12 H,10 H,12 FB,10 FB,12 HJ,10 HJ,12	F,10 F,12	J,10 J,12
Roof Level El. +95'-6"	12WF40	12WF40	10WF33	10WF33	10WF33										10WF33	10WF33	12WF40
6TH Floor El. +83'-4"	12WF40	12WF40	10WF33	10WF33	10WF33										10WF33	10WF39	12WF40
5TH Floor El. +71'-0"	12WF40	12WF40	10WF33	10WF33	10WF45										10WF45	10WF54	12WF59
4TH Floor El. +57'-0"	12WF40	12WF40	10WF45	10WF45	10WF54										10WF54 (Varies - See Sec.)	10WF72	12WF72
3RD Floor El. +43'-0"	12WF50	12WF50	10WF54	10WF54	10WF72	10WF45	12WF53						14WF426 + 2 Cover Pl's. A514 Addl		TRUSS	TRUSS	TRUSS
2ND Floor El. +29'-0"	WF Beam	WF Beam	WF Beam	WF Beam	WF Beam	WF Beam	12WF92 L8	14WF58 N14 12WF58 N8	12WF53 P8	WF Beam New 10WF77 Col.	WF Beam New 10WF66 Col.	WF Beam New 10WF60 Col.		12WF133			
1ST Floor El. +15'-0"										Existg 10WF80 Col.	Existg 10WF100 Col.	Existg 10WF100 Col.	10'-6"				
Basement Level El. +2'-6"																	
Base Pl.	—	—	—	—	—	—	20x2½"x1'-8"	19,2½"x1'-7"	19,2½"x1'-7"	—	—	—	56"x56"x4.0 ASTM. A441	36"x 5'-3"x 1"	—	—	—
Setting Pl.	—	—	—	—	—	—	20x¼"x1'-8"	19x¼"x1'-7"	19x¼"x1'-7"	—	—	—	—	—	—	—	—
Anchor Bolts	—	—	—	—	—	—	2-1¼"ø,12'-0"	2-1¼"ø x2'-0"	2-1¼"ø x2'-0"	—	—	—	2-1¼"ø x3'-0"	2-1¼"ø x2'-6"	—	—	—
REMARKS	See Sec.	See Sec.	See Sec.	See Sec.	See Sec.	See Sec.	Base Detail "B"	Base Detail "B"	Base Detail "B"				Base Detail "A"	Base Detail "A"			



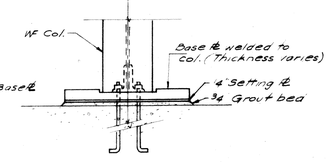
PLAN DETAIL



PLAN DETAIL

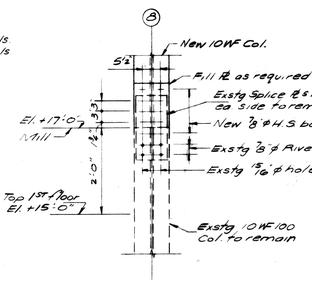


BASE DETAIL "A"

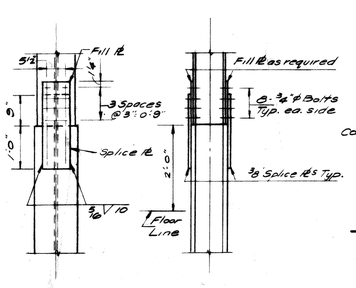


BASE DETAIL "B"

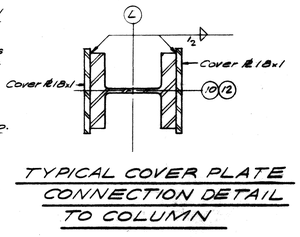
COLUMN BASE DETAILS



EXISTING WF COLUMN SPLICE DETAIL



NEW WF COLUMN SPLICE DETAIL



TYPICAL COVER PLATE CONNECTION DETAIL TO COLUMN

TYPICAL WF COLUMN SPLICE DETAILS

GENERAL NOTES

DESIGN DATA

Live Loads:

Roof	30 psf
All Floors	100 "
Future Floors	100 "
Corridors, Public Rooms & Stairs	100 "
Wind	20 psf

STRUCTURAL STEEL

All structural steel and workmanship shall conform to A.I.S.C. Specifications as revised to date. All steel shall be A.S.T.M. A-36 except as noted on drawings. The structural steel fabricator shall furnish mill test reports showing that chemical and physical properties of steel furnished shall conform to A.S.T.M. grades as required.

Shop and field connections shall be bolted or welded as noted on the drawings. All bolts shall be High Strength Steel Bolts, conforming to A.S.T.M. Specifications A-325 except as shown or noted on the drawings. Bolts shall be ¾" ø, open holes 13/16" ø unless otherwise shown or noted on the drawings. All connections shall be "Series B" Standard Beam Connections (A.I.S.C. Manual, 51st Edition) or equal strength unless otherwise shown or noted on the drawings. All shop and field welds shall be in accordance with A.W.S. Specifications and shall be made by qualified "Certified" welders. All structural steel to be securely braced during erection. Exact beams with natural camber up or camber as called for on the drawings. Steel in contact with concrete or to be field welded shall not be painted. See Specifications for required shop painting of steel.

GROUT

All grout for base plates and setting plates shall be a mixture of Portland Cement and coarse sand, having a maximum compressive strength of 4,000 p.s.i. in accordance with A.S.T.M. C-109 Specification.

CONCRETE

All concrete materials and workmanship shall conform to A.C.I. Code 318-63. Concrete for caissons, grade beams, foundation walls, platform and trench deck slabs, and slabs on fill shall develop a minimum compressive strength of 3000 p.s.i. at 28 days except as shown or noted on the drawings. All other concrete shall develop a minimum compressive strength of 4000 p.s.i. in 28 days. Concrete in contact with earth or exposed to weather shall have an air entraining admixture.

Structural lightweight concrete for the floors as shown on the drawings shall be "Haydite", or not more than 110 lbs./cu.ft., on many decks. All other concrete shall be normal weight concrete. Coverage regarding for "Haydite" concrete shall be an approved coated expanded shale aggregate in accordance with A.S.T.M. Designation C330-60T.

Reinforcement shall be intermediate grade new billet steel, deformed bars conforming to A.S.T.M. Specifications A15-63T. Reinforcing bars shall be continuous across joints, or splice bars shall be provided. Foundation walls shall have 2-#6 bars continuous top and bottom unless otherwise shown.

Additional reinforcement around openings shall be a minimum of 2-#5 bars at top, bottom and sides of opening.

Welded Wire Fabric shall conform to A.S.T.M. Specifications A185-61T. Fabric shall be placed 2" from top of slab.

Slabs shall be poured in alternate sections not exceeding 1200 sq. ft. in area. Minimum concrete cover for reinforcement shall be as follows:

Walls, in contact with earth or exposed to weather	2"
Walls, (interior face)	1½"
Formed Slabs	¾"
Footings and slabs on earth	3"
Beams	1½"

METAL DECKING

The design of the metal decking shall be in accordance with the American Iron and Steel Institute Specifications for the design of light gauge steel structural members. Erection shall be in accordance with the manufacturer's standards.

EXISTING CONDITIONS

Contractor shall check and verify all existing conditions and dimensions in the field prior to any fabrication of materials. If conditions or dimensions differ from those shown on these drawings, the contractor shall notify the architect.

CAISSONS

Caisson shafts and bells shall be formed by an approved power driven drilling rig capable of excavating caissons to the required depth maintaining minimum dimensions for the entire length.

Top elevation of caissons shall be as shown on the plans and details. The bases of caissons shall be belled out in the hardpan soil strata, approximately 30 feet below the first floor.

Caisson bell bearing areas have been proportioned for soil bearing capacity of 2000 psf.

A qualified soils testing engineer, approved by the Architect, shall be employed by the Contractor to make soil tests and submit reports stating the elevation of bottom of shaft or bell, as built dimensions of shaft and bell and bearing capacity of the soil on which the caisson bears, for each caisson.

Caissons shall be located as shown on the drawings with a maximum variation off the center from the required location, of 3 inches at the top surface and no caisson shall be out of plumb more than 1%.

Before any concrete is placed, the bottom of all caissons shall be belled to the required size, belled, cleaned and cleared of mud and other extraneous matter, dewatered and inspected. In the event that caisson excavation cannot be dewatered, the caisson concrete may be placed underwater. The method of placing concrete underwater shall be approved by the Architect before any concrete is placed. Caisson concrete shall develop a minimum compressive strength of 3000 p.s.i. at 28 days.

NO.	ITEM - THUS Δ	DATE	REVISIONS		

ADDITION TO THE EAST DENTISTRY MEDICINE PHARMACY BUILDING
833 SOUTH WOOD STREET — CHICAGO 12, ILLINOIS
UNIVERSITY OF ILLINOIS AT THE MEDICAL CENTER

DATED: MARCH 21, 1966
ARCH. PROJ. NO. 64149
DRAWN BY: B.L. M. SHEERR
CHECKED BY: E. BASKIN
APPROVED BY: E. Tilton
PROJ. ARCH.: N. MILLETT

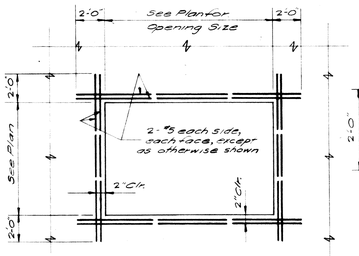
ARCHITECTS: PHONE HA 7-4600
200 WEST JACKSON BLVD., CHICAGO, ILL.

STRUCTURAL ENGINEERS
200 WEST ADAMS ST., CHICAGO, ILL.

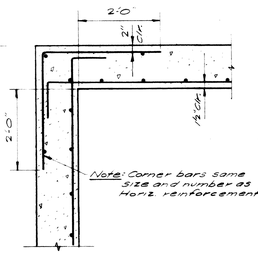
DRAWING TITLE: COLUMN SCHEDULE and GENERAL NOTES

DRAWING NUMBER: S-9

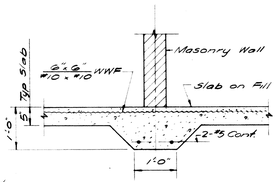
924-1-5-64



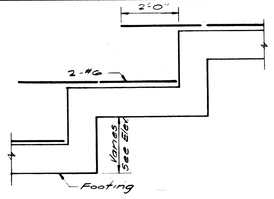
TYPICAL OPENING DETAIL
SLABS AND WALLS



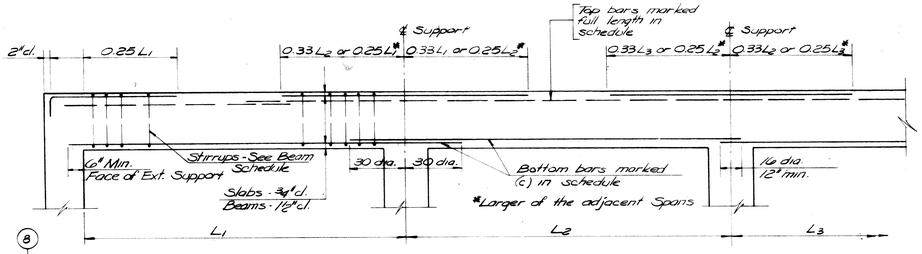
TYPICAL FOUNDATION WALL
CORNER SPLICE DETAIL



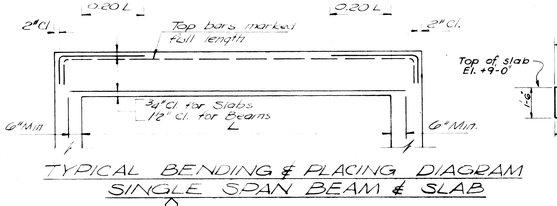
TYPICAL SLAB DETAIL
NON-BEARING WALL



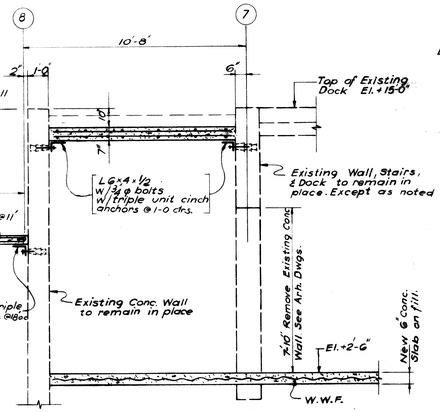
TYPICAL STEPPED
FOOTING DETAIL



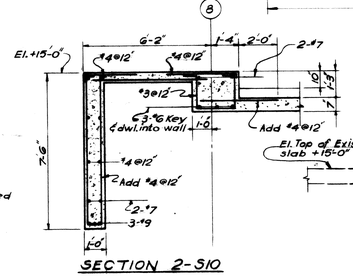
BENDING AND PLACING DIAGRAM
FLOOR BEAM, GRADE BEAM
& ONE-WAY SLAB



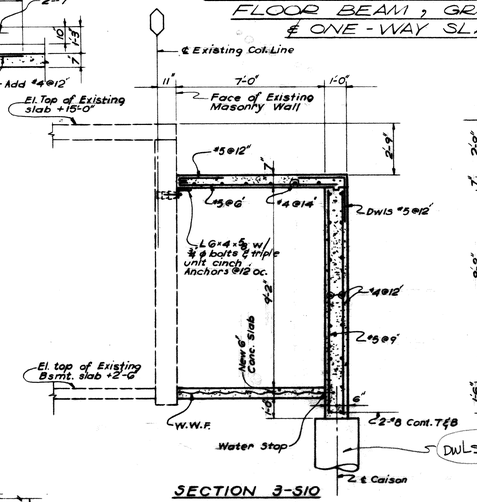
TYPICAL BENDING & PLACING DIAGRAM
SINGLE SPAN BEAM & SLAB



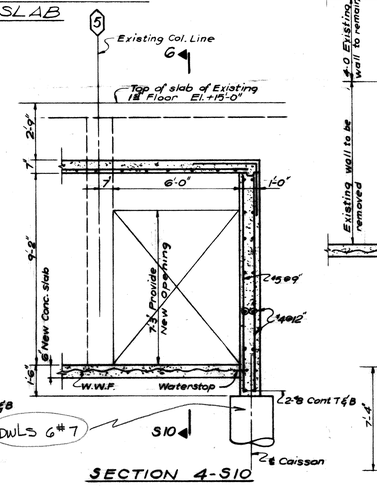
SECTION 1-S10



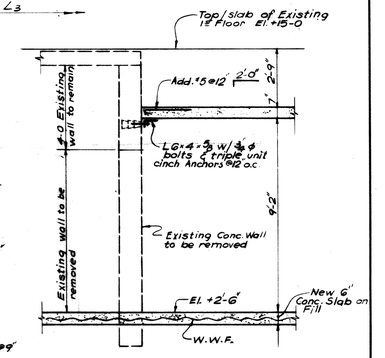
SECTION 2-S10



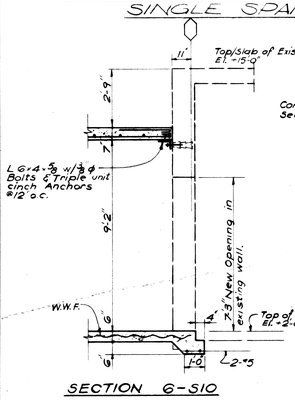
SECTION 3-S10



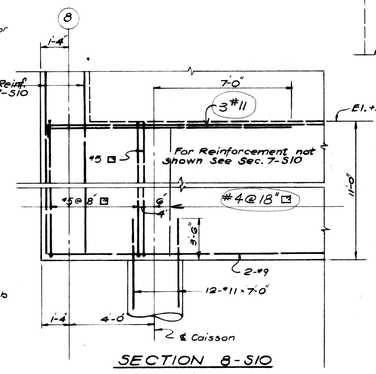
SECTION 4-S10



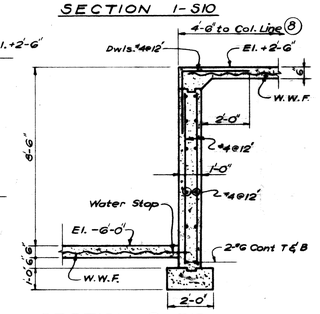
SECTION 5-S10



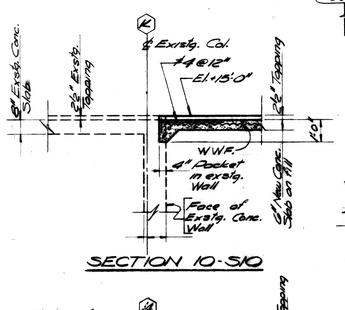
SECTION 6-S10



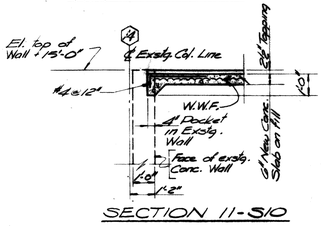
SECTION 8-S10



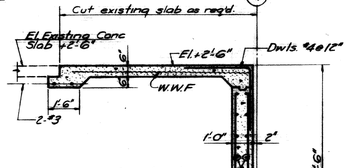
SECTION 9-S10



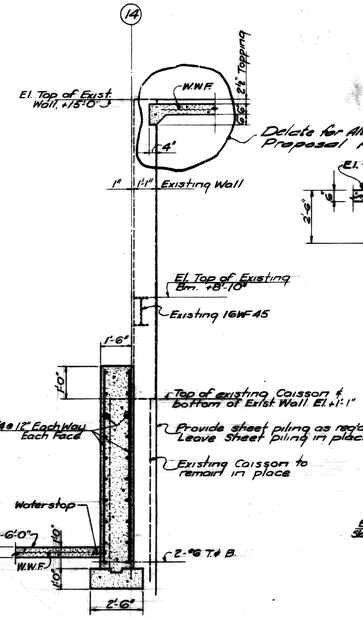
SECTION 10-S10



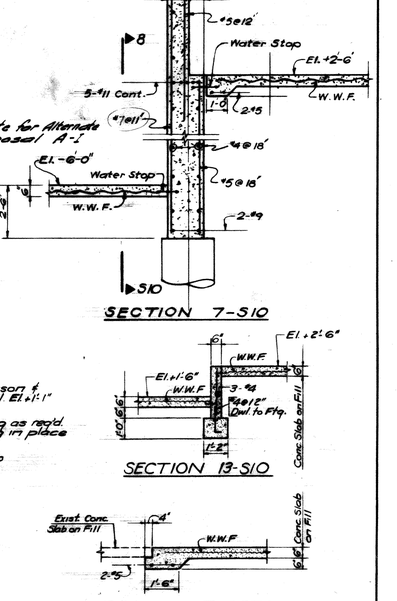
SECTION 11-S10



SECTION 12-S10
SECTION 12A-S10 SIMILAR



SECTION 14-S10
SECTION 14A-S10 SIMILAR



BORING DATA

Boring No. 1

Depth	Classification	Elev.
0'-0"		+12.2 T/Grnd.
6'-0"	Rubble & Misc. Fill	+8.2
7'-0"	Cinder bl. Top Soil	+5.2
13'-3"	Stiff Yellow & Blue Clay	-1.1
28'-0"	Very Soft Blue Clay	-15.8
35'-3"	Medium Blue Clay	-23.1
43'-0"	Stiff Blue Clay Silt Pocket at 36'-0"	-30.8
49'-2"	Hard Blue Clay Sandy	-37.0
53'-6"	Very Compact Grey Silt	-41.3
65'-7"	Very hard Blue Clay - Stony - Silty	-53.4
	End of boring	

Boring No. 2

Depth	Classification	Elev.
0'-0"	Top of Ground	+13.8
6'-6"	Cinders & Misc. Fill	+7.8
6'-0"	Black Soil & Fill	+8.0
4'-0"	Stiff Blue & Yellow Clay - Silty	+10.0
61'8"	Soft Blue Clay	-37.7
63'6"		-39.5
54'-0"	Very Compact Grey Silt	-40.0
60'-1"		-46.1
79'-0"	Very hard Blue Clay - Plastic - no sand	-65.0
83'-0"	Soft Compact Silt & Clay	-69.0
85'-3"	Bed Rock or Boulder	-71.3
	End of Boring	

Boring No. 7

Depth	Classification	Elev.
0'-0"	Top of Ground	+13.8
	Brick, Clay & Silt Fill	
8.5'	Stiff Brown Silty Clay,	+5.3
10.5'	Trace Sand & Fine gravel	+3.3
12.5'		+1.3
15.5'		-1.7
17.5'		-3.7
23.0'	Soft grey silty clay, trace sand	-9.2
25.0'		-11.2
33.0'	Soft grey silty clay, trace sand, sand partings noted	-19.2
42.0'		-28.2
56.8'	Hard grey clayey silt, some sand, fine gravel & thin silt layers	-43.0
62.8'	Very dense grey inorganic silt, coarse grey sand 330'-59.2)	-49.0
77.0'	Very hard grey clayey silt, some sand & fine gravel, coarse grey sand, some silt 73.8'-74.5')	-63.2
82.8'	Very tough grey silty clay	-69.0
91.2'	Very dense grey silt, some sand, fine gravel & limestone fragments	-77.4
	Refusal Rock or Boulder	

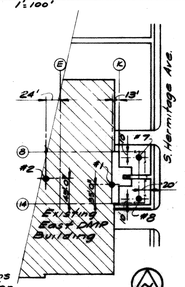
Boring No. 8

Depth	Classification	Elev.
0'-0"	Top of Ground	+13.8
5.0'	Sandy silt & Brick fill	+8.8
10.5'	Stiff grey & brown silty clay, bricks noted, fill	+3.3
13.0'	Stiff brown silty clay, trace sand & fine gravel	+0.8
15.0'		-1.2
19.0'	Soft grey silty clay, trace sand	-5.2
21.0'		-7.2
34.8'	Stiff grey silty clay, some thin silt lenses & fine silty sand	-21.0
40.8'	Hard grey silty clay, some sand, fine gravel & thin sand lenses	-27.0
44.0'	Very hard grey clayey silt, some sand & fine gravel	-30.2
51.2'	Dense grey inorganic silt, thin clay lenses noted	-37.4
59.8'	Very hard grey clayey silt, some sand & fine gravel	-46.0
67.5'	Hard grey very silty clay, trace sand & fine gravel	-53.7
77.8'	Very tough grey silty clay	-64.0
83.0'	Very dense grey inorganic silt, trace sand & fine gravel	-69.2
87.8'		-74.0
88.8'	Broken limestone	-75.0
	Refusal Rock or Boulder	

Note: For boring locations see Boring Location Plan

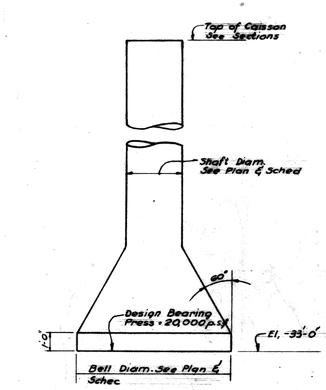
Note: (Boring 1 & 2) Boring information submitted by the Sub-surface Engineering Corp. The owner & architect do not accept responsibility for accuracy of information in connection with sub-surface conditions at the site.

BORING LOCATION PLAN
1" = 100'



Note: For boring locations see Boring Location Plan

Note: (Boring 7 & 8) Boring information submitted by the Raymond Concrete Pile Division, Raymond International Inc. The owner & architect do not accept responsibility for accuracy of information in connection with sub-surface conditions at the site.



TYPICAL CAISSON ELEVATION

ITEM - THUS ○	DATE
REVISIONS	

ADDITION TO THE EAST DENTISTRY
MEDICINE PHARMACY BUILDING
833 SOUTH WOOD STREET — CHICAGO 12, ILLINOIS
UNIVERSITY OF ILLINOIS AT THE MEDICAL CENTER

DATE: MARCH 21, 1960
APPR. PROJ. NO. 58-60
DESIGNED BY: E.B. DRAWN BY: J.P.; W.K.
CHECKED BY: R. BAGLIN
APPROVED BY: S. Tucker
PROJ. ARCH.: N. MILLETT

ARCHITECTS: PHONE HA 7-2000 200 WEST JACKSON BLVD., CHICAGO, ILL.

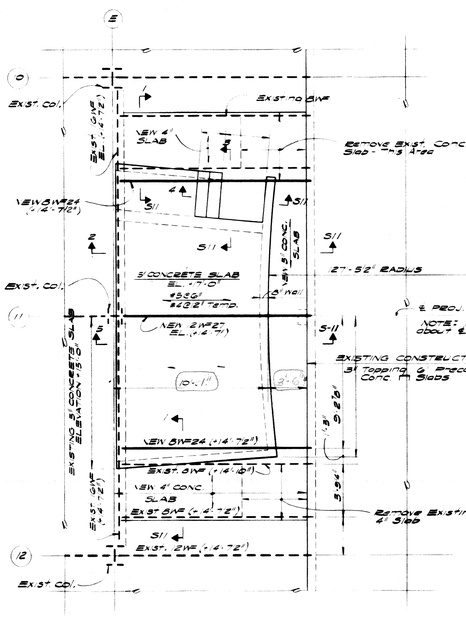
STRUCTURAL ENGINEERS 200 WEST ADAMS ST., CHICAGO, ILL.

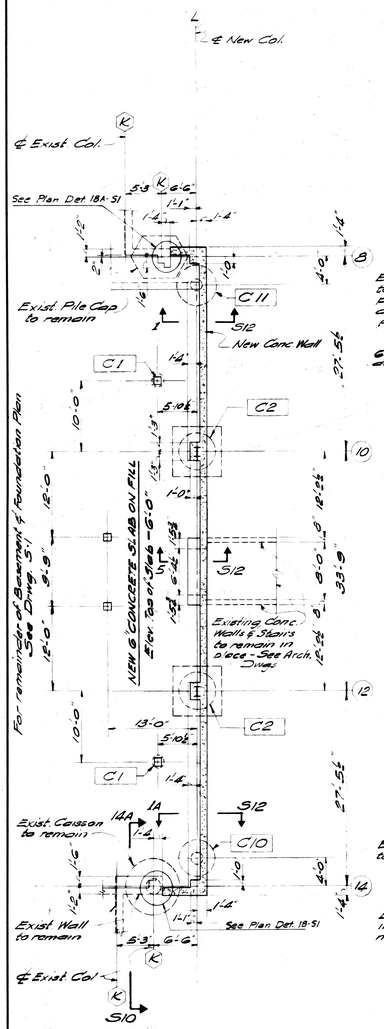
DRAWING TITLE: FOUNDATION DETAILS

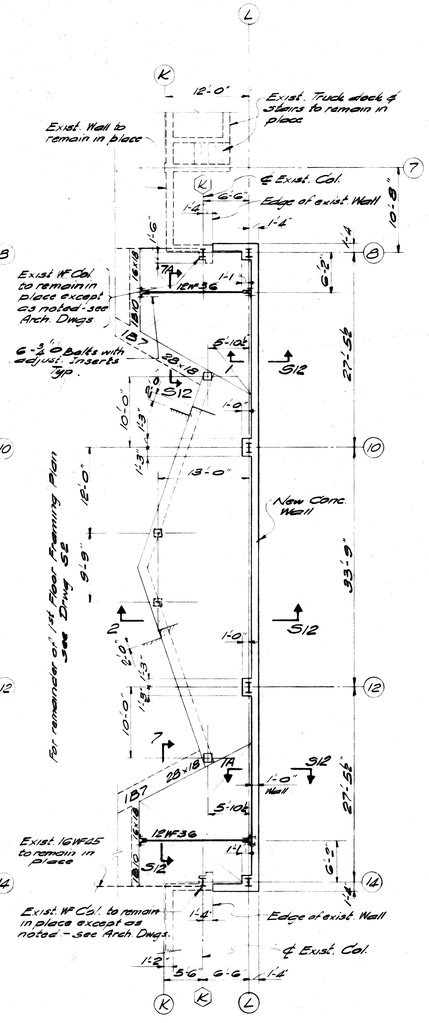
DRAWING NUMBER: S-10

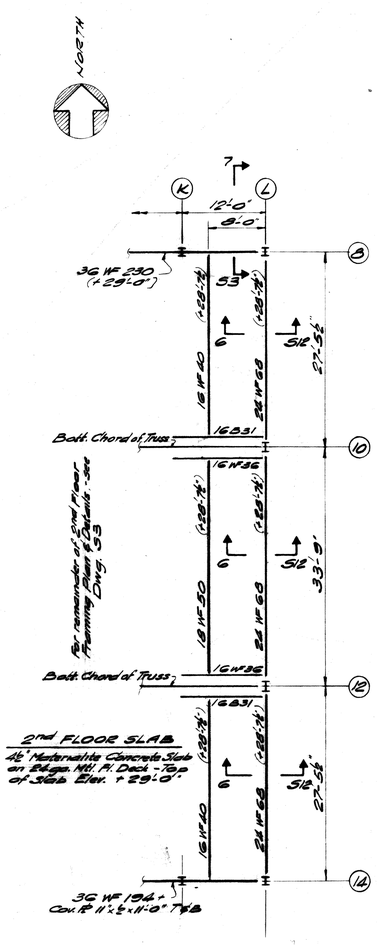
37

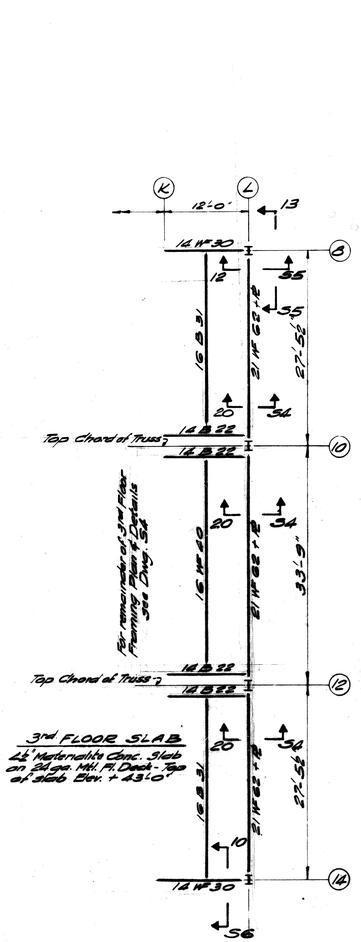
924-13-35

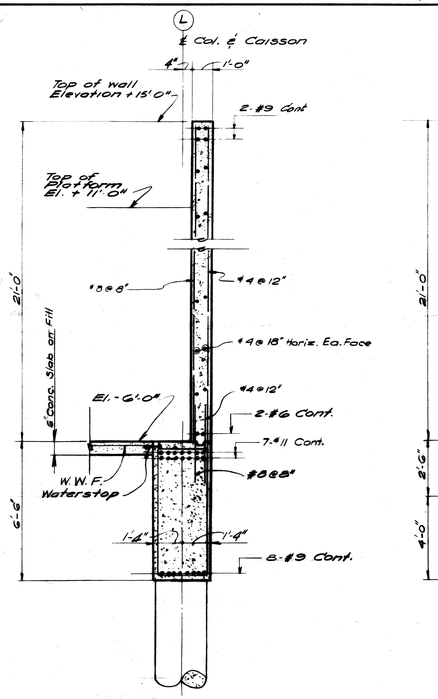

Ex. St. Col.
Ex. St. Col.
Ex. St. Col.



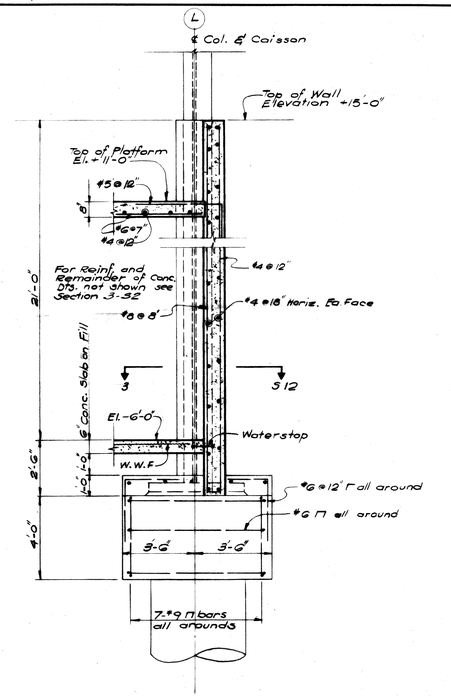




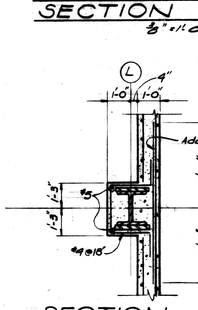




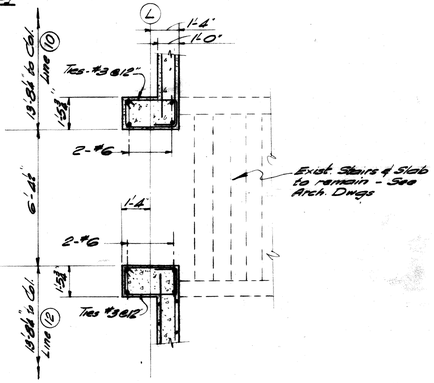
SECTION 1-S12
SECTION 1A-S12 (OPP. HAND)
½" = 1'-0"



SECTION 2-S12
½" = 1'-0"



SECTION 3-S12
½" = 1'-0"



PLAN-SECTION 4-S12
½" = 1'-0"

PART BASEMENT & FOUNDATION PLAN
½" = 1'-0"

NOTE: For Caisson Schedule See Dwg. S1
For Col. Schedule see Dwg. S9

PART FIRST FLOOR FRAMING PLAN
½" = 1'-0"

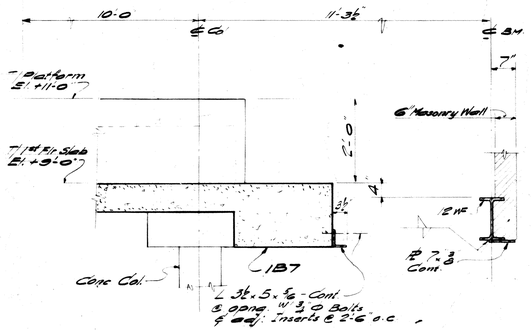
NOTE: For Col. Schedule see Dwg. S9
For Beam Schedule see Dwg. S2.

PART SECOND FLOOR FRAMING PLAN
½" = 1'-0"

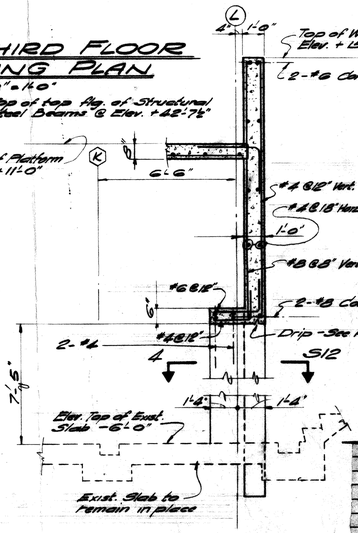
NOTE: Top of top flg. of Structural Steel Beams shown or noted thus (+29'-7½")
For Truss Details see Dwg. S8.

PART THIRD FLOOR FRAMING PLAN
½" = 1'-0"

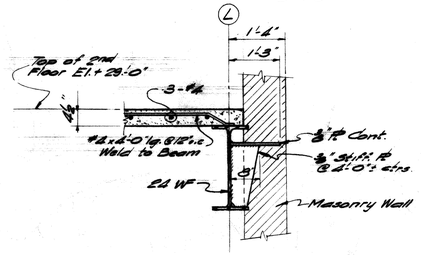
NOTE: Top of top flg. of Structural Steel Beams @ Elev. +42'-7½"



SECTION 7-S12
SECTION 7A-S12 - OPP HAND

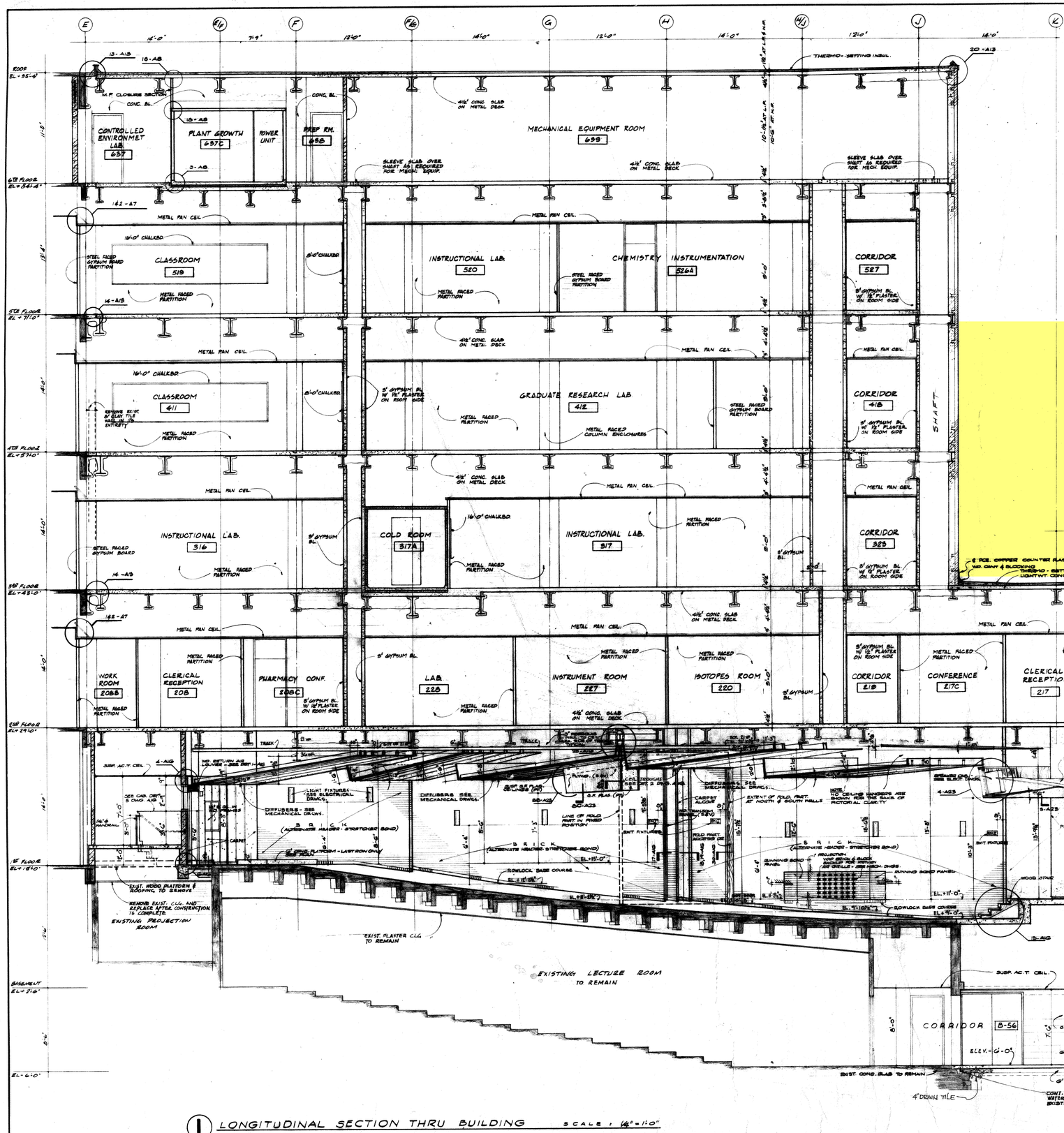


SECTION 5-S12
½" = 1'-0"



SECTION 6-S12
½" = 1'-0"

	ITEM - THIS DATE REVISIONS	ADDITION TO THE EAST DENTISTRY MEDICINE PHARMACY BUILDING 888 SOUTH WOOD STREET — CHICAGO 12, ILLINOIS UNIVERSITY OF ILLINOIS AT THE MEDICAL CENTER DATE: MARCH 31, 1964 ARCHITECTS: PHONE HA 7-1600 200 WEST JACKSON BLVD., CHICAGO, ILL. STRUCTURAL ENGINEERS 220 WEST ADAMS ST., CHICAGO, ILL.
		DRAWING TITLE: ALTERNATE PROPOSAL A-1 - COMPLETION OF EAST WALL UPON DELETION OF TY. PHOTO AREAS DRAWING NUMBER: S-12


ROOF EL. + 95'-8"
6TH FLOOR EL. + 84'-4"
5TH FLOOR EL. + 71'-10"
4TH FLOOR EL. + 57'-10"
3RD FLOOR EL. + 43'-10"
2ND FLOOR EL. + 29'-10"
1ST FLOOR EL. + 15'-10"
BASEMENT EL. + 2'-6"
EL. - 6'-10"
CONTROLLED ENVIRONMET LAB 637
PLANT GROWTH 637C
TOWER UNIT
PREP RM. 638
MECHANICAL EQUIPMENT ROOM 639
CLASSROOM 519
INSTRUCTIONAL LAB. 520
CHEMISTRY INSTRUMENTATION 526A
CORRIDOR 527
CLASSROOM 411
GRADUATE RESEARCH LAB 412
CORRIDOR 418
INSTRUCTIONAL LAB. 316
COLD ROOM 317A
INSTRUCTIONAL LAB. 317
CORRIDOR 323
WORK ROOM 208B
CLERICAL RECEPTION 208
PHARMACY CONF. 208C
LAB. 225
INSTRUMENT ROOM 227
ISOTOPES ROOM 220
CORRIDOR 219
CONFERENCE 217C
CLERICAL RECEPTION 217
OFFICE 217B
CORRIDOR B-56
EXISTING PROJECTION ROOM
EXISTING LECTURE ROOM TO REMAIN
SHAFT
MECHANICAL SHAFT
THERMO-SETTING INSUL.
4½" CONC. SLAB ON METAL DECK
METAL PAN CEIL.
METAL FACED PARTITION
STEEL FACED GYPSUM BOARD PARTITION
5/8" GYPSUM BD. W/ ½" PLASTER ON ROOM SIDE
16'-0" CHALKBD.
8'-0" CHALKBD.
SLEEVE SLAB OVER SHAFT AS REQUIRED FOR MECH. EQUIP.
CONC. BL.
M.P. CLOSURE SECTION
SUSP. AC.T. CEIL.
EXIST. WOOD BALCONY & ROOFING TO REMOVE
REMOVE EXIST. C.U. AND REPLACE WITH CONSTRUCTION AS COMPLETE
EXIST. PLASTER C.U. TO REMAIN
EXIST. CONC. SLAB TO REMAIN
4" DRAIN TILE
CONT. POLYVINYL CHLORIDE WATER BAR - POCKET IN EXIST. CONC. AS REQ'D
G" GRAVEL DRAIN COURSE
BRICK (ALTERNATE HEADER - STRETCHER BOND)
ROWLOCK BASE COURSE
EL. +15'-0"
EL. +11'-0"
EL. +9'-10½"
EL. +9'-0"
EL. +8'-10½"
EL. -6'-0"
12'-0"
14'-0"
7'-9"
12'-6"
14'-6"
12'-0"
14'-0"
14'-0"
12'-0"
14'-0"
11'-0"
12'-4"
14'-0"
14'-0"
8'-0"
4'-0"
8'-0"
8'-0"
7'-0"
6'-0"
6'-6"
8'-6"
7'-3"
15'-6"
10'-3"
9'-4"
5'-4"
4'-4½"
4'-4½"
5'-4½"
4'-4½"
4'-4½"
5'-4½"
4'-4½"
4'-4½"
5'-4½

13.12 COMMISSIONING PLAN

Farnsworth GROUP

Commissioning Plan

UIC Drug Discovery and Cancer Research Pavilion

University of Illinois Chicago

Illinois Capital Development Board

CDB Project 830-030-167

Date: 3/12/2026

Contents

1 Purpose of the Commissioning Plan 4
2 Project Description 5
3 LEED Certification Goals and Commissioning Requirements 6
4 Commissioning Scope Categories 7
5 Independent Verification of Testing by Third Parties 8
6 Commissioning Roles & Responsibilities 10
7 Project Team & Key Stakeholders 11
8 Commissioning Roles & Responsibilities 12
9 Communication and Coordination Protocols 15
10 Bridging Document and Design-Build Design Phase Activities 16
11 Construction Phase Activities 17
12 Pre-functional Checklists (PFCs) 18
13 Acceptance and Warranty Phase Activities 20
14 Functional Performance Testing 21
15 Training and Operations Support 22
16 Commissioning Activity Summary 23
17 Integration with Project Schedule and LEED Deliverables 27
Appendices 28
Appendix A: Building Envelope Testing Matrix 28
Appendix B : Glossary of Terms ..... **Error! Bookmark not defined.**
Appendix C : Meeting Minutes and Communication Logs ..... **Error! Bookmark not defined.**
Appendix D : Owner's Project Requirements ..... **Error! Bookmark not defined.**
Appendix E : Commissioning Specifications ..... **Error! Bookmark not defined.**
Appendix F : Monitoring-Based Commissioning Plan ..... **Error! Bookmark not defined.**
Appendix G : Submittal Review Log ..... **Error! Bookmark not defined.**
Appendix H : Pre-functional Checklists ..... **Error! Bookmark not defined.**

Appendix I : Field Observation Logs ..... **Error! Bookmark not defined.**

Appendix J : Test and Balance Verification ..... **Error! Bookmark not defined.**

Appendix K : Functional Performance Tests and Results ..... **Error! Bookmark not defined.**

Appendix L : Issues Log ..... **Error! Bookmark not defined.**

Appendix M : Systems Manual ..... **Error! Bookmark not defined.**

Appendix N : Current Facility Requirements ..... **Error! Bookmark not defined.**

Appendix O : Warranty, Closeout and On-Going Commissioning ..... **Error! Bookmark not defined.**

1 Purpose of the Commissioning Plan

Commissioning is a process to systematically evaluate that the Owner's Project Requirements (OPR) are being met throughout the project – during design, construction, and operation of the facility. Each commissioning activity provides documentation showing the effectiveness of project's quality control procedures and highlights areas where the owner's requirements are not being met.

Commissioning is not a substitute for design and construction best practice that incorporates effective quality control processes. The commissioning process augments the construction team and represents ownership through a series of structured checks and balances at specific milestones throughout the project, as detailed within this document. The goal of commissioning is to facilitate the transitions through the phases of the project and coordinate documentation, showing areas where the OPR is not fully being met and ideally, a path to correction.

Commissioning also plays a critical role in supporting LEED certification efforts by ensuring that the project meets the rigorous standards set forth for energy efficiency, environmental stewardship, and quality assurance. It provides documented verification that systems are operating as intended, which is a fundamental requirement for LEED Enhanced Commissioning credits. Through systematic testing, detailed documentation, and collaborative communication among project teams, the commissioning process not only validates design intent but also sets the foundation for a building that performs reliably and sustainably over time.

The Commissioning Plan provides roadmap of the commissioning process for this project. It serves as a reference for project team members and acts as a depository for the records and the results of the commissioning process, thus considered a living document. At the end of the process, the Commissioning Plan will become the Final Commissioning Report.

To facilitate the commissioning process, Farnsworth Group utilizes CxAlloy TQ as a means of collaboration and issue tracking. This cloud-based application provides transparency, analytics, increased communication, and improved quality to the overall project. Each team member will be able to access and view their assigned commissioning tasks and issues online through their own individual profile.

To access your project through CxAlloy, you will receive an email invitation from Farnsworth Group. The link in the email will allow you to set up an username and password. Once that has been completed you will be able to begin collaboration on the project as a stakeholder in the commissioning process.

Table 1: Activity Completion Status

Activity Name:	Status:	Date of Completion:
Owner's Project Requirements	ONGOING	TBD
Commissioning Specifications	ONGOING	TBD
Basis of Design Review	PENDING	TBD
Design Reviews	PENDING	TBD
Submittal Reviews	PENDING	TBD
Construction Checklists	PENDING	TBD
Site Visits and Cx Meetings	PENDING	TBD
Project Kick-Off Meeting	PENDING	TBD
Pre-Bid Meeting	PENDING	TBD
Pre-Construction Meeting	PENDING	TBD
Testing and balance Verification	PENDING	TBD
Functional Performance Testing	PENDING	TBD
Systems Manual	PENDING	TBD
Warranty Review	PENDING	TBD
Issues Log	PENDING	TBD

Table 2: Summary of Cx Plan Revisions

Version:	Date:	Revision Notes
1.0	01/23/26	Initial Draft of Cx Plan Prepared
1.1	03/12/26	Aligned with Bridging Team Comments

2 Project Description

The University of Illinois at Chicago (UIC) proposes to construct a new approximately 189,000 gross square foot building identified as the Drug Discovery and Cancer Research Pavilion (DDCRP) on its West Campus. The building will provide research space to support the University's Retzky College of Pharmacy (CoP), UI Cancer Center, Department of Chemistry (within the College of Liberal Arts and Sciences), and UICentre as well as an underground Vivarium operated by the Biological Resources Laboratory (BRL).

The DDCRP provides advanced laboratories, vivarium facilities, core research spaces, and offices to support interdisciplinary collaboration in drug discovery and cancer research. The project consolidates research groups and aligns with UIC's mission to promote translational biomedical innovation. To support this broad approach to drug discovery and deployment, the new DDCRP will include the following core programs: Pharmacy, Vivarium, Chemistry and Cancer Research.

3 LEED Certification Goals and Commissioning Requirements

As stated within the Owner's Project Requirements (OPR) the project shall achieve LEED v4 Gold Certification through building and site design, without reliance on owner policy or purchases. The LEED strategy will be developed based on UIC's Sustainable Design and LEED Standards, and fulfill the requirements for both Fundamental and Enhanced Commissioning, along with Building Enclosure and Monitoring Based Commissioning.

All commissioning activities will be guided by the OPR and detailed project specifications, ensuring that each system is installed, tested, and optimized in alignment with design intent.

Outline of Owner's Project Requirements (OPR):

- Purpose and Intent
- Project Overview
- Sustainability Requirements
- Design & Performance Goals
- Quality Assurance and Commissioning Activities
- Building Occupant and O&M Requirements

Enhanced Commissioning Practices:

Adopting the LEED Enhanced Commissioning criteria, the process will extend beyond basic system verification to include comprehensive functional performance testing, third-party verification, and proactive system integration checks. This ensures that systems not only meet design specifications but also operate efficiently under actual operating conditions.

Enclosure and Monitoring-Based Commissioning:

Special attention will be given to building enclosure integrity and continuous monitoring of system performance. Commissioning activities will assess the enclosure's thermal performance and air leakage characteristics, while ongoing monitoring protocols will be established to verify that system operations align with energy performance and indoor environmental quality targets.

4 Commissioning Scope Categories

The following table outlines the scope of commissioning activities, encompassing critical building systems, including Building Enclosure, HVAC Systems, Electrical and Lighting Systems, Plumbing and Water Systems, Building Automation and Controls, and Specialty Services such as security, fire alarm, and communication.

Table 3: Equipment to be Commissioned

Item	Category	System
1.00	MECH/ ELEC	Building Automation System
2.00	MECH	Heating and Ventilation (Major Equipment + Distribution)
3.00	MECH	Heating and Ventilation (Terminal & Minor Equipment)
4.00	MECH	Cooling System (Major Equipment + Distribution)
5.00	ELEC	Lighting Controls (Daylight, Occupancy, Schedule)
6.00	ELEC	Emergency Power and ATS
7.00	MECH/ ELEC	Life Safety Integration (Emergency Shutdown/Operation)
8.00	ELEC	Electrical Distribution
9.00	PLMB	Domestic Hot Water System
10.00	PLMB	Water Treatment as req.
11.00	ELEC	Security and Access Systems
12.00	PLMB	Plumbing and Storm System (Sump Pump, Elevator Pit)
13.00	ELEC	Emergency Lighting
14.00	ARCH	Building Enclosure (Water Penetration, WBAT)
15.00	SPECIALTY	Specialty Lab Services discussed in verification of third party testing of section

5 Independent Verification of Testing by Third Parties

To ensure compliance with project requirements and industry best practices, independent third-party specialists will be engaged by the D-B team to perform testing and verification for various building systems. These efforts will be coordinated with the Commissioning Authority (CxA) and are detailed within the Project Manual and relevant contract documents.

Building Enclosure

Third-party testing agencies will conduct performance testing on the building enclosure. The CxA will review and verify all test results to ensure compliance with project specifications and performance criteria.

Metering and Energy Management

Metering and energy management verification requirements are outlined within the commissioning specifications and relevant divisions 22, 23 & 26 this includes electrical power and energy monitoring; chilled water, heating hot water and natural gas utility use; and domestic water utility use. The CxA will ensure integration and proper reporting functionality.

Automated and Monitoring-Based Commissioning

A subcontractor to the CxA, CopperTree, will install an end-device on the building network to aggregate Building Automation System (BAS) data points. Reported values will be remotely analyzed via a cloud-based platform to assess system performance and identify potential optimization opportunities.

Power Distribution

Load bank testing and emergency power load transfer testing will be performed by the electrical subcontractor and verified by the CxA. The CxA will organize an Integrated Systems Test (IST) involving all relevant trade partners to validate system behavior under real-world operating conditions. Additional electrical testing will be conducted per specification 26 61 00 by the installing electrical contractor and confirmed by the CxA.

Security Systems

Security systems, including access control, intrusion detection, and video surveillance, will be installed and pre-commissioned by the contractors responsible. The CxA will verify installation quality and system functionality through a sampling-based testing approach.

Compressed Air Systems

The CxA will review pre-functional checklists and startup reports while verifying that system pressures meet required performance thresholds for effective control and operation.

Fume Hoods

Airflow control systems will undergo functional performance testing, with ASHRAE 110 compliance testing performed by third-party specialists.

Negative Pressure Laboratories

The CxA will collaborate with the Test and Balance (TAB) contractor to verify differential pressures across space adjacencies. These measurements will be confirmed during the integrated system test to ensure proper containment and air exchange rates.

This independent verification process ensures that all critical systems are rigorously tested and meet the required performance standards before occupancy and operation.

6 Commissioning Roles & Responsibilities

Commissioning Authority (CxA) Role and Qualifications

Farnsworth Group is the designated Commissioning Authority (CxA) and acts an independent, certified professional provider responsible for overseeing the commissioning process in alignment with LEED Enhanced Commissioning requirements. Key qualifications include expertise in mechanical, electrical, and envelope systems, as well as experience with commissioning best practices, energy efficiency standards, and performance verification methodologies. The CxA provides objective oversight, facilitates commissioning activities, and delivers documentation necessary for LEED certification compliance.

Contract Holder - State of Illinois

The CDB oversees the design and construction of state-funded facilities and selected Farnsworth Group as the CxA for the project through a Qualifications Based Selection (QBS). The CDB is responsible for setting overall project delivery expectations and enforcement of commissioning activities as one part of the entire delivery process.

Client Agency

UIC defines project performance goals, approves the OPR with CDB support, and ensures that commissioning is integrated into project delivery.

Design-Build Team

The Design-Build Team collaborates with the CxA to integrate commissioning requirements into the design and construction process, ensures compliance with specifications, and provides system documentation and training for operations staff.

Operations Staff

Engages in commissioning activities, attends training sessions, and ensures continuity of best practices in system operation and maintenance post-occupancy.

7 Project Team & Key Stakeholders

The CDB Project Managers are Kenneth Watkins and Nazih Kafe. The bridging documents are led by Holibird&Root Architects and dbHMS (MEP), and the competition winning Design-Build Team is yet to be determined.

Table 4: Contact Information

Name	E-mail	Title	Company
A Elizabeth Ortner	aeortner@uic.edu	Associate Director	UIC PSPM
Eric Luchetta-Stendel	ericl@uic.edu	Sr. Asst. Director	UIC PSPM
Sandeep Kulkarni	sandeepk@uic.edu	Asst. Director for Engineering and Cx	UIC PSPM
Anthony Civito	avcivito@uic.edu	Chief Plant Operating Engineering	UIC
John Cavanaugh	cavanj45@uic.edu	Electrician Foreman - West	UIC
Kenneth Watkins	Kenneth.Watkins@illinois.gov	CDB Team	CDB
Nazih Kafe	Nazih.Kafe@Illinois.gov	CDB Team	CDB
Dennis Vovos	dvovos@holabird.com	Architect	Holabird & Root
Anne Strane	astrane@holibird.com	Architect	Holabird & Root
Laura Gabel	lgabel@holabird.com	Architect	Holabird & Root
Renee Guo	rguo@holabird.com	Project Coordinator	Holabird & Root
Marcos Guerrero	mguerrero@dbhms.com	Engineering	dbHMS
Callum Burtelson	cburtelson@dbhms.com	Engineering	dbHMS
Jeff Boyer	jboyer@f-w.com	Commissioning	Farnsworth
Matt Cale	mcale@f-w.com	Commissioning	Farnsworth
Fay-Ling Laures	flaures@f-w.com	Commissioning	Farnsworth

8 Commissioning Roles & Responsibilities

Phase	Activity	Responsibility			
		Owner	CxA	Bridging Team	D-B
Overall	Schedule	Review & provide feedback	Review & provide feedback	Review & provide feedback	Responsible
Overall	Pay Applications	Responsible	Review & provide feedback	-	Responsible
Overall	DB Procurement	Responsible	Inform	Inform	-
Overall	LEED Management	Review & provide feedback	Review & Documentation submission for Certification	Review & provide feedback	Design/Construction Documentation
Overall	Cx Issues Log	Review & provide feedback	Responsible - manage	Responsible - resolve & respond	Responsible - resolve & respond
Bridging	Owner's Project Requirements (OPR)	Define key project requirements & approve changes	Document & update	Review & provide feedback	Review & provide feedback
Bridging	Commissioning Plan	Review & provide feedback	Responsible	Review & provide feedback	Review & provide feedback
Bridging	Basis of Design	Review & provide feedback	Review & provide feedback	Responsible	Responsible/ Update
Bridging/ D-B	Design Reviews	Review & provide feedback	Review & provide feedback	Issue & respond to comments	Issue & respond to comments
Bridging/ D-B	Project Specifications	Review & provide feedback	Review & provide feedback	Responsible	Responsible
D-B	Submittal Reviews	Review & provide feedback	Review & provide feedback	-	Responsible
D-B	Construction Checklists	Informed	Responsible - manage	-	Responsible - resolve & respond

D-B	Cx Site Visits	Informed	Responsible	-	Informed
D-B	Cx Meetings	Informed	Responsible	-	Participate & respond
D-B	Functional Performance Test Development	Review & provide feedback	Responsible	-	Review & provide feedback
D-B	O&M manual review	Review & provide feedback	Review & provide feedback	-	Responsible
D-B	Systems manual	Review & provide feedback	Responsible	-	Review & provide feedback
Acceptance	Startup & acceptance tests	Review & provide feedback	Review & provide feedback	-	Responsible to provide reports & resolve issues
Acceptance	Building Enclosure Testing	Review & provide feedback	Responsible TBD		Responsible TBD
Acceptance	Building Enclosure Commissioning	Review & provide feedback	Responsible		Participate & respond
Acceptance	Owner Training Review	Responsible - assign the right people to participate	Review & provide feedback	-	Responsible
Acceptance	Test & Balance Verification	Informed/ encouraged to participate	Responsible - witness readings	-	Responsible - conduct TAB verification
Acceptance	Functional Performance Tests	Informed/ encouraged to participate	Responsible - witness and document results	-	Responsible - conduct tests and demonstrate system functionality
Warranty	Closeout documentation	Review & provide feedback	Review & provide feedback	-	Responsible

Warranty	Commissioning Final Report	Review & provide feedback	Responsible	-	Review & provide feedback
Acceptance	Warranty Site Visits	Review & provide feedback	Responsible	-	Responsible to correct issues discovered
Warranty	Seasonal Testing	Review & provide feedback	Responsible	-	Responsible to correct issues discovered
Warranty	Warranty Review	Review & provide feedback	Responsible	-	Responsible to correct issues discovered

9 Communication and Coordination Protocols

Effective communication between all project stakeholders is essential for successful commissioning. Regular coordination meetings will be conducted aligned with key project milestones, with structured agendas and documented action items. This includes pre-installation coordination meetings and post-installation corrective action meetings as required with sufficient notice.

The CxA will provide progress reports, testing schedules, and issue logs to ensure alignment between the owner, Design-Build Team, and operations staff. A centralized commissioning document repository will be maintained for version control and transparency through CxAlloy. Any issues identified during commissioning will be tracked, prioritized, and resolved through a structured review process with clear accountability. It will be the responsibility of the entire team to respond through the online system officially, though naturally communication will occur in other forms. It is the request of the CDB that any formal emails include the project number (830-030-167) in the title and include both the project manager and owner.

Whenever possible, Farnsworth Group will facilitate issue resolution on behalf of the CDB/UIC without cost or schedule impact or adjustment to the OPR. These issues will be documented for the record, but closed on resolution. All other issues will require CDB/UIC acceptance with input from the A/EOR as may be necessary.

Any outstanding responses to questions or issues that impact the commissioning process and achievement of the OPR over 1 week will be automatically escalated.

Any outstanding issues past 2 weeks of resolution will be summarized and incorporated by the D-B team into their Procore log. It is the responsibility of the D-B to manage issue resolution, not the CxA. Though we will help facilitate as best we can. Issues within CxAlloy are typically more verbose than a punchlist item and it is far more efficient for the D-B team to use their Project Management Tool to maintain a prompt path to resolution.

10 Bridging Document and Design-Build Design Phase Activities

Commissioning during the Bridging and Design-Build (D-B) phases establishes a clear framework for system performance, quality assurance, and long-term operational efficiency. By integrating commissioning early in the process, project requirements are well-defined, contractor selection is informed, and design decisions are aligned with the Owner's Project Requirements (OPR) and LEED goals. The Commissioning Authority (CxA) plays a key role in guiding these activities, ensuring a seamless transition into construction and performance verification.

Bridging Phase & Commissioning Specifications Development

The CxA collaborates with the owner to develop the OPR, defining project performance criteria. Initial guide commissioning specifications are drafted to outline functional performance requirements, documentation expectations, and system testing protocols.

Design-Build Team Selection & Design Reviews

The CxA supports the Qualifications-Based Selection (QBS) process, helping the CDB asses prospective D-B teams on demonstrated commissioning experience and technical expertise. This involves review of the basis of design (BOD) and preliminary design documentation developed in the competition. Post-selection, during design, the CxA conducts progress reviews (30%, 60%, and 90%) to verify compliance with the OPR, technical standards, and energy efficiency goals. Any issues brought up during the design review process will be included in the issues log. These items will be tracked with Cx Alloy.

Final Commissioning Specifications & Project Integration

The CxA refines and finalizes commissioning specifications, ensuring they are fully incorporated into the contract documents. This establishes clear expectations for system verification, functional performance testing, and documentation to support both LEED certification and long-term building performance.

11 Construction Phase Activities

During the construction phase, commissioning activities focus on verifying that all systems are installed according to design specifications and are prepared for functional testing. The Commissioning Authority (CxA) will conduct regular site visits to assess installation quality, review submittals, and ensure that commissioning requirements are integrated into the construction process.

Submittal and Shop Drawing Reviews

The CxA will review relevant submittals, shop drawings, and product data to confirm compliance with the Owner's Project Requirements (OPR) and project specifications.

Construction Checklists

Pre-functional checklists (PFCs) will be completed by contractors to document correct installation before startup and testing.

Site Observations and Issue Resolution

The CxA will perform periodic site inspections to identify deficiencies, track commissioning-related issues, and coordinate resolutions with the construction team.

Equipment Start-Up Verification

The CxA will witness manufacturer-recommended startup procedures for critical systems to ensure they are functioning as intended prior to functional testing.

Building Enclosure Testing

Testing agencies will conduct air barrier, water infiltration, and thermal performance tests, with results reviewed by the CxA.

Preliminary Controls and BAS Verification

The CxA will verify BAS sensor installation, calibration, and point mapping in preparation for system performance testing.

Functional Performance Test (FPT) Planning

Test procedures will be developed and scheduled in coordination with the construction team and trade contractors.

Automated Commissioning (ACx) Setup

Cloud-based automated commissioning tools will be setup to run in parallel with the traditional Functional Performance Testing process in the Acceptance Phase. This system will allow for 100% sampling and a more streamlined approach to issue tracking and closeout.

12 Pre-functional Checklists (PFCs)

Pre-Functional Checklists (PFCs) are a critical component of the commissioning process, ensuring that systems are properly installed, complete, and ready for Functional Performance Testing (FPT). These checklists provide a structured method for confirming that each system and component has been installed in accordance with contract documents, manufacturer guidance, and industry best practices before final testing begins.

Contractor Attestation & Responsibility

The installing contractor is responsible for completing all PFCs and attesting that systems are fully installed and ready for final testing.

Equipment is installed per design and specifications.
Manufacturer requirements have been followed.
Equipment is free from visible damage and ready for operation.

Completed PFCs will be field verified by the Commissioning Authority (CxA) to confirm compliance and readiness.

Checklist Requirements & Documentation

To streamline the process while ensuring all valuable information is captured, PFCs will be kept as concise as possible while including key verification points.

Site Delivery & Storage Documentation – Photos confirming that equipment was stored properly and undamaged.
Equipment Information – Make, model, serial number, and warranty start/end dates.
Installation Verification – Confirmation that installation meets contract documents, approved submittals, and manufacturer guidance.
Basic Operational Checks – Verification of proper mounting, connections, and safety requirements before powering on.
Pre-Startup Readiness – Checking that all necessary utilities (power, water, airflow, etc.) are in place.

To maintain efficiency, PFCs will be spot-checked by the CxA, ensuring critical verification while minimizing unnecessary administrative burden.

Agile & Risk-Based Approach to Pre-Testing

Rather than waiting until Functional Performance Testing to identify issues, we take an agile, risk-based approach to pre-test systems early. This proactive approach minimizes costly delays during final testing, ensuring that systems are ready for efficient and successful Functional Performance Testing.

Targeted Pre-Checks – Focusing on high-risk or complex systems to catch issues before final testing.

Spot-Testing in the Field – Selecting systems or components for early operational checks to identify potential deficiencies.

Early Issue Resolution – Addressing installation concerns or integration conflicts before they impact the full system test.

13 Acceptance and Warranty Phase Activities

Acceptance Phase commissioning focuses on verifying full system functionality, optimizing performance, and ensuring a smooth transition to building operations. This phase includes detailed testing, training, and documentation to support long-term system reliability.

Functional Performance Testing (FPT)

The CxA will conduct performance testing of HVAC, lighting, power distribution, water systems, and other critical components to verify compliance with Owner's Project Requirements and contract documents. Testing will be coordinated with the Test and Balance (TAB) contractor, electrical subcontractors, and control system vendors.

Integrated Systems Testing (IST)

Systems such as emergency power, life safety, and laboratory controls will be tested under real-world operating conditions to validate proper integration and continuity of safe operations.

Deficiency Resolution and Re-Testing

Identified issues will be documented in a commissioning log, with corrective actions implemented and verified before project closeout.

Building Operator Training

Training sessions will be organized by the D-B team and conducted by manufacturer and/or installing contractors to familiarize operations staff with system controls, maintenance requirements, and energy management strategies. Supplemental documentation generated by the CxA such as the Systems Manual and Current Facility Requirements will augment standard training. To support a smooth transition, lessons learned through commissioning will be shared with facility operators in a dedicated soft-landing discussion with the opportunity to engage and ask questions openly.

Final Commissioning Report

This document will ultimately serve as comprehensive report summarizing commissioning findings, test results, and system performance verification will be provided to the owner.

Monitoring-Based Commissioning (MBCx) Setup

Cloud-based analytics and continuous monitoring tools will be established to track ongoing system performance post-occupancy.

14 Functional Performance Testing

Functional Performance Testing (FPT) is a critical phase of the commissioning process, ensuring that all building systems perform as intended under all expected operational conditions. The development of FPT procedures is based on a thorough review of design drawings, specifications, equipment submittals, manufacturer guidelines, and input from the Design-Build Team. This approach ensures that testing protocols align with the design intent, owner's project requirements (OPR), and system integration needs.

Testing Scope and Conditions

Functional testing will be conducted to verify system performance across all modes of operation, including:

Normal Occupied Mode – Ensuring all systems function as expected under typical daily use.
Unoccupied Mode – Verifying setback and energy-saving strategies.
Emergency Operations – Testing backup power, life safety systems, and emergency ventilation response.
Full Design Load Conditions – Simulating peak operational demand to confirm systems meet performance criteria.

For this laboratory building, it is essential to test and verify the functionality of base building infrastructure (HVAC, electrical, plumbing, and controls) before laboratory equipment is installed. This ensures that the environmental and utility systems supporting lab operations are stable and meet stringent performance requirements before sensitive laboratory testing equipment is brought online for calibration.

Seasonal and Deferred Testing

Certain systems, such as chillers, boilers, and economizers, require seasonal testing to confirm performance under both cooling and heating conditions. These tests will be scheduled to align with appropriate weather conditions or, when necessary, simulated conditions. Additionally, deferred testing will be planned for any systems that cannot be fully tested during the initial commissioning period, ensuring that all functional parameters are eventually verified.

Test Coordination and Execution

Advance Test Review – Functional test procedures will be shared with the responsible installing contractors in advance of testing to ensure proper preparation and coordination.
CxA Oversight – The Commissioning Authority (CxA) will direct and oversee all testing to ensure objective execution, adherence to procedures, and resolution of deficiencies.

Contractor Involvement – Installing contractors will actively participate in testing to confirm proper system function and to facilitate knowledge transfer for long-term system maintenance.

15 Training and Operations Support

A successful commissioning process extends beyond system verification and testing to ensure that facility personnel are fully prepared to operate and maintain the building systems efficiently. The commissioning team will work hand in glove with facility operations administration and staff to facilitate training, and provide documentation and ongoing support to facilitate a seamless transition from construction to full occupancy.

Training Verification & Participation

The Commissioning Authority (CxA) will verify that training requirements are met, ensuring that all required sessions are conducted, documented, and attended by the appropriate facility personnel.

Operations & Maintenance (O&M) Information Review

Prior to turnover, the commissioning team will review the provided O&M manuals, ensuring they are complete and accurate including:

- Equipment cut sheets, sequences of operation, and maintenance procedures.
- Recommended spare parts lists and preventative maintenance schedules.
- Warranty details, including coverage terms and claims procedures.

Current Facility Requirements (CFR)

A LEED required document defining the owner's operational needs, energy efficiency goals, and system performance expectations to guide long-term building performance.

Systems Manual

A LEED required consolidated reference document providing facility personnel with system descriptions, control sequences, emergency procedures, and troubleshooting guidance.

"Soft Landing" Discussion for Facilities Handoff

To ensure a smooth transition, the commissioning team will conduct a "Soft Landings" discussion summarizing key findings and recommendations from the commissioning process. A review of lessons learned and common troubleshooting issues. Discussion of any outstanding issues, deferred testing, and seasonal commissioning plans. Clarification of how to access and utilize the commissioning documentation.

Monitoring-Based Commissioning (MBCx) for Ongoing Support

To further support operational performance, a Monitoring-Based Commissioning (MBCx) platform will be deployed throughout the warranty period and beyond. This platform will provide real-time system monitoring to identify anomalies and operational inefficiencies along with:

- Assist facility teams in troubleshooting issues proactively, reducing downtime and maintenance costs.
- Validate that systems continue to meet performance benchmarks established during commissioning.

16 Commissioning Activity Summary

Table 5: Commissioning Activity

Item	Phase	Activity	Prerequisite	Completion Milestone	Date	Deliverable
1.00	Planning	Develop Owner's Project Requirements (OPR) outlining key project requirements and performance criteria for success.	Owner Feedback	Early-Design / Late-Design	In Progress	OPR includes indoor environmental quality, energy, sustainability & maintainability requirements along with quality assurance integration with Cx.
1.01	Design	Review Basis of Design Documentation	BOD Provided	BOD Complete	Pending	Review comments in reference of OPR
1.02	Planning, Design	Develop draft commissioning plan outlining processes, roles and responsibilities, and deliverables and schedule. Final pending contractor selection and coordination.	Upon award	Mid-DD / 100% CD	Pending	Draft Cx Plan Framework
1.03	Design	Review Design Documents at key milestones w/ backcheck	Design Documents	SD / DD / Late-CD / Bid	Pending	Review comments in reference of OPR
1.04	Planning, Design & Pre-Con	Meeting Attendance and Support	Meeting Scheduled	As Req.	Pending	Meeting minutes, Action items & support
1.05	Design	Controls Integration (Design) Meeting	Control Drawings & Specs.	Early CD at latest	Pending	Review comments with facilities staff

1.06	Design	Commissioning Specifications	Design Documents	Mid-DD	Complete 10/10/2024	General, Electrical and BECx Specifications
2.01	Pre-Construction	Conduct commissioning kickoff meeting to review commissioning process and plan to key stakeholders including trades	Trade partner mobilization	Pre-Con into Early Construction	1/28/2024	Agenda & action item follow-up
2.02	Pre-Construction	Provide coordinated construction Cx Plan	Construction Schedule	Pre-Con into Early Construction	Mid-Feb	"Living" Cx Plan
3.00	Construction	Review and provide commissioning related comments on selected equipment and system submittals including detailed controls review	Submittals	Early Construction	On-going	Review comments provided to EOR and project team for incorporation
3.01	Construction	Attend project progress meetings to provide update regarding commissioning process	As req.	Throughout Construction	Pending	Agenda Items & action item follow-up
3.02	Construction	Attend scheduled construction progress meetings that include commissioning related topics; review minutes and provide comments	As req.	Throughout Construction	Pending	Agenda Items & action item follow-up
3.03	Construction	Field monitor installation of exterior enclosure components and witness testing by designated agency	Enclosure Install	Pending Construction	Pending	Field Observation Reports, Issues Log and Corrective Action support prior to final encolsure Cx report (Est. 4 Mobilizations)
3.04	Construction	Provide and review construction/pre-functional	Submittals Complete	Before MEP Rough-In	Pending	Contruction Checklist forms

		checklists of selected systems and equipment				
3.05	Construction	Provide functional performance test procedures of selected systems and equipment	Submittals Complete	Early Construction	Pending	FPT scripts
3.06	Construction	Controls Pre-installation conference & pre-TAB meeting	Submittals Complete	Early Construction	Pending	Meeting Agenda, Graphics mockup support
3.07	Construction	Witness and provide commissioning related comments of air and water systems flushing, cleaning, and pressure testing reports of selected systems and equipment	System Install	Construction	Pending	Field Observation Reports & Issues log
3.08	Construction	Review Operations & Maintenance Data	O&M Manual Submitted	Mid-Construction	Pending	Issues Log & action item follow-up
3.09	Construction	Major equipment startup support and component checkout	Equipment integrated w/ controls	Late-Construction	Pending	Issues Log & action item follow-up
3.10	Construction	Perform Test and Balance Verification	TAB Report reviewed	Late-Construction	Pending	Site Observation Reports & Issues log
4.00	Acceptance	Direct and observe functional performance testing	TAB Complete	Late-Construction	Pending	Functional Performance Test Report and Issues Log
4.01	Acceptance	Perform comprehensive control graphics review	Controls Programming complete	Late-Construction	Pending	Screen Markups

4.02	Acceptance	Observe and verify owner training program	Functional Testing Complete	End-of-Construction	Pending	Training evaluation checklists, follow-up support
4.03	Acceptance	Facilitate Owner Transition Meeting	Training Complete	Prior-to-occupancy	Pending	Agenda and lessons learned discussion
4.04	Acceptance	Verify as-builts and final control sequences	Acceptance tasks complete	Prior-to-occupancy	Pending	Issues log including mark-ups as req.
5.00	Warranty	Provide Draft Commissioning Report	Owner Acceptance	90 days after occupancy	Pending	Draft Cx Report
5.01	Warranty	Complete seasonal and deferred testing	Opposite season	Winter or Summer	Pending	Issues log addendum and resolution support
5.02	Warranty	Final warranty review	9 months post-occupancy	Prior-to-warranty expiration	Pending	Final review of system performance with owner based on experience and trends

17 Integration with Project Schedule and LEED Deliverables

Commissioning activities are aligned with key project milestones to support efficient construction progress and meet LEED documentation requirements. The CxA will coordinate commissioning efforts to ensure seamless integration with the construction schedule, system turnover, and occupancy timeline.

Design & Construction Documentation Phase

Commissioning specifications and requirements are incorporated into bid packages and project documentation.

Early Construction Phase

Submittal reviews, installation inspections, and preliminary BAS integration verification occur before major system installations.

Equipment Startup & Initial Testing

Functional checklists and equipment startup verification are conducted prior to formal performance testing.

Functional Performance Testing & Issue Resolution

All commissioned systems undergo rigorous functional testing, with identified issues tracked and corrected before occupancy.

Owner Training & Documentation

Training and final commissioning documentation are completed in coordination with substantial completion.

LEED Submittals

Commissioning documentation, including the final report, test results, and supporting evidence for Enhanced Commissioning credits, is submitted to USGBC for certification review.

Appendices

Appendix A: Building Envelope Testing Matrix

Table A: Building Envelope Testing Matrix

SID	Test	System	Test Required by ASTM 2813	Specification Section	Mockup Testing	In-Situ Field Testing	Required Sampling Rate			
							Location	Specified Quantity	First Install Quantity	Progress Testing Quantities (10,60,90%)
1	ASTM C1715 Standard Test Method for Evaluation of Water Leakage Performance of Masonry Wall Drainage Systems	Brick Masonry	No		Yes	Yes	TBD	2 tests at each masonry surface	1 at 30-36" masonry	1 at top out
	ASTM E1186 Standard Practices for Air Leakage Site Detection in Building Envelopes and Air Barrier Systems	Air and water barrers	Yes	07 1113 07 2726	Yes	Yes	TBD	1 test/500 sqft.	5	15 locations at 10%, 60% and at 90%
	ASTM D4541 Standard Test Method for Pull-Off Strength of Coatings Using Portable Adhesion Testers	Air and water barrers	Yes	07 1113 07 2726	Yes	Yes	TBD	1 test per 500 sqft. at each substrate	2 tests for each substrate type	2 tests for each substrate type at 10%, 60% and 90%
	ASTM C1193 Standard Guide for Use of Joint Sealants, Appendix X1-Method A, Field Applied Sealant Joint Hand Pull Tab	Joint Sealants	Yes	07 9200	Yes	Yes	TBD	1 test per 1000 lf. of installed sealant at each location where adjacent materials change	1 test per floor per elevation	2 tests at 10%, 60% and 90%

	ASTM C1521: Standard Practice for Evaluating Adhesion of Installed Weatherproofing Sealant Joints	Joint Sealants		07 9200	No	Yes	TBD	1 test per 1000 lf. of installed sealant at each location where adjacent materials change	1 test per floor per elevation	minimum 2 tests at 10%, 60% and 90%
	ASTM E783 Standard Test Method for Field Measurement of Air Leakage Through Installed Exterior Windows and Doors	Vertical Exterior Glazing	Yes	08 4113	No	Yes	TBD	4 at each mobilzation	2	4 locations at 10%, 60% and at 90%
	ASTM E1105: Water Penetration of Installed exterior Windows, Skylights, Doors and Curtian Walls	Vertical Exterior Glazing	Yes	08 4113	No	Yes	TBD	4 at each mobilzation	2	4 locations at 10%, 60% and at 90%
	AAMA 501.2: Quality Assurance and Diagnostic Water Leakage Field Check of Installed Storefronts, Curtain Walls, and Sloped Glazing Systems	Vertical/Sloped Exterior Glazing	Yes	08 4113	No	Yes	TBD	4 at each mobilzation	2	4 locations at 10%, 60% and at 90%
8	ASTM C1153: Practice for Location of Wet Insulation in Roofing Insulation Using Infrared Imaging	Roofing	Yes		Yes	Yes	TBD	1 test after roof completion	N/A	N/A
9	ASTM D7877: Standard Guide for Electronic Methods for Detecting and Locating Leaks in Waterproof Membranes	Roofing	No		Yes	Yes	TBD	1 test after roof completion	N/A	N/A

10	ASTM E779 Standard Test Method for Determining Air Leakage Rate by Fan Pressurization	Building Air Leakage	No		Yes	Yes	TBD		TBD	
11	AAMA 511 Sub Sill Storefront Flood Testing.	Aluminum Framed Entrance and Storefront	No		Yes	Yes	TBD		TBD	
12	ASTM E2357 Standard Test Method for Determining Air Leakage of Air Barrier Assemblies	Air and water barrers	No		Yes	Yes	TBD		TBD	

13.13 COMMISSIONING SPECIFICATION

SECTION 01 9113 – GENERAL COMMISSIONING REQUIREMENTS

PART 1 GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions, Submittals, Demonstration and Training, and other Division 1 Specification Sections, apply to this Section.

B. UIC's Project Requirements (OPR) and Basis of Design (BOD) documentation prepared by UIC and Architect contains requirements that apply to this Section.

1.2 SUMMARY

A. This Section includes general requirements that apply to implementation of commissioning without regard to systems, subsystems, and equipment being commissioned.

1. Contractual Relationship
2. Definitions
3. Description
4. UIC's Responsibilities
5. Contractor's Commissioning Responsibilities
6. Commissioning Agent's Responsibilities
7. Included Systems
8. Commissioning Documentation
9. Submittals
10. Commissioning Process
11. Coordination
12. Schedule
13. Test Equipment
14. Commissioning Team
15. Commissioning Meetings
16. Commissioning Plan
17. Submittal Reviews
18. O&M Manuals & Warranty
19. Pre-Functional Checklists

20. Field Observations and Issue Log
21. Start-Up
22. Control System Verification
23. Test, Adjust, and Balance Review
24. Functional Performance Testing
25. Integrated System Test
26. Training
27. Record Drawings.
28. Seasonal Testing
29. Warranty Review

B. Related Sections

1. Division 01, Closeout Procedures.
2. Division 01, Indoor Air Quality During Construction.
3. Division 01, 21, 22, 23, 26, 27, and 28 specifications as determined by Part 1, “Included Systems” of this section.
4. Division 01, 21, 22, 23, 26, 27, and 28 commissioning specifications
5. Section 23 0593, Testing, Adjusting, and Balancing For HVAC.
6. Section 01 5719 - Temporary Environmental Controls: Precautions and procedures; building flush-out.
7. Section 01 7000 - Execution and Closeout Requirements
8. Section 01 7800 - Closeout Submittals: Scope and procedures for operation and maintenance manuals and project record documents.
9. Section 01 7900 - Demonstration and Training: Scope and procedures for Owner personnel training.
10. Section 01 9114 - Commissioning Authority Responsibilities.

1.3 CONTRACTUAL RELATIONSHIP

A. For this construction project, the CDB contracts with a Contractor to provide construction services. The contracts are administered by the CDB's Project Manager. On this project, the authority to modify the contract in any way is strictly limited to the authority of the CDB’s Project Manager.

B. Whole Building Commissioning is a process that relies upon frequent and direct communications, as well as collaboration between all parties to the construction process. By its nature, a high level of communication and cooperation between the Commissioning Agent and all other parties (Architects, Engineers, Subcontractors, Vendors, third party testing agencies, etc.) is essential to the success of the Commissioning effort.

C. With these fundamental practices in mind, the commissioning process described herein has been developed to recognize that, in the execution of the Commissioning Process, the Commissioning Agent must develop effective methods to communicate with ever member of the construction team involved in delivering commissioned systems while simultaneously respecting the exclusive contract authority of the Contracting Officer and Resident Engineer. Thus, the procedures outlined in this specification must be executed within the following limitations:

1. No communications (verbal or written) from the Commissioning Agent shall be deemed to constitute direction that modifies the terms of any contract.

2. Commissioning Issues identified by the Commissioning Agent will be delivered to the CDB and UIC and copied to the designated Commissioning Representatives for the Contractor and subcontractors on the Commissioning Team for information only in order to expedite the communication process. These issues must be understood as the professional opinion of the Commissioning Agent and as suggestions for resolution.

3. In the event that any Commissioning Issues and suggested resolutions are deemed by the UIC to require either an official interpretation of the construction documents or require a modification of the contract documents, CDB's and UIC's Project Manager will issue an official directive to this effect.

4. All parties to the Commissioning Process shall be individually responsible for alerting CDB's and UIC's Project Manager of any issues that they deem to constitute a potential contract change prior to acting on these issues.

5. Authority for resolution or modification of design and construction issues rests solely with the CDB's and UIC's Project Manager, with appropriate technical guidance from the Architect/Engineer and/or Commissioning Agent.

1.4 DEFINITIONS

A. BoD: Basis of Design. A document, prepared by the Architect and Engineers, that records concepts, calculations, decisions, and product selections used to meet the OPR and to satisfy applicable regulatory requirements, standards, and guidelines. The document includes both narrative descriptions and lists of individual items that support the design process.

B. Commissioning Plan: A document, prepared by CxA, that outlines the organization, schedule, allocation of resources, and documentation requirements of the commissioning process.

C. CxA: Commissioning Authority. Owner will contract with CxA directly.

D. OPR: Owner's Project Requirements. A document, prepared by CxA that details the functional requirements of a Project and expectations of how the building will be used and operated. This document includes Project goals, measurable performance criteria, cost considerations, benchmarks, success criteria, and supporting information.

E. Systems, Assemblies, Equipment, and Components: Where these terms are used together or separately, they shall mean "as-built" systems, assemblies, equipment, and components.

F. TAB: Testing, Adjusting, and Balancing.

1.5 DESCRIPTION

A. Commissioning is a systematic process of verifying that the building systems perform interactively according to the construction documents and the UIC's operational needs. The commissioning process shall encompass and coordinate the system documentation, equipment startup, control system calibration, testing and balancing, performance testing and training. Commissioning during the construction, acceptance, and warranty phases is intended to achieve the following specific objectives according to the contract document

1. Verify that the applicable equipment and systems are installed in accordance with the contact documents and according to the manufacturer's recommendations.
2. Verify and document proper integrated performance of equipment and systems.
3. Verify that O&M documentation is complete.
4. Verify that all components requiring servicing can be accessed, serviced and removed without disturbing nearby components including ducts, piping, cabling or wiring.
5. Verify that the UIC's operating personnel are adequately trained.
6. Document the successful achievement of the commissioning objectives listed above.

B. Owner has elected to use the Commissioning Process as part of their quality assurance process to design, construct, and operate this building. As with any quality process, Commissioning provides tools to enable everyone involved in the construction of a building to ensure the final building meets the original intent of the Owner. A primary tool used is the completion of pre-functional checklists by individual trades. The pre-functional checklists will be provided by the CxA and completed by the contractors. The checklists are intended to track the current state of work by providing the key criteria in the specifications the Owner has defined as important for the successful installation and long-term operation of systems and equipment.

C. A key component of Commissioning is the verification of the operation of heating and cooling systems in all modes of operation to ensure the building is ready for year-round occupancy.

D. A key component of Commissioning is the verification of the operation of the power system in all modes of operation, including emergency, and the integration with other building systems to ensure the power system is ready for occupancy.

E. Commissioning provides verification of training of operation and maintenance personnel by ensuring that detailed training agendas are utilized and requiring detailed submittal requirements from Contractors prior to accomplishing any training.

F. The commissioning scope of work shall encompass building systems as indicated in "Included Systems."

1.6 UIC'S RESPONSIBILITIES

A. Develop and provide the UIC's Project Requirements (OPR) documentation to the design team for use in developing the Basis of Design (BOD) document and the CxA for use in reviewing the design documents (basis of design document, drawings and specifications), developing the commissioning plan, Pre-functional Checklists, functional test procedures, and integrated systems test procedures.

B. Assign operation and maintenance personnel and schedule them to participate in commissioning team activities including, but not limited to, the following:

1. Coordination meetings.
2. Training in operation and maintenance of systems, subsystems, and equipment.
3. Testing meetings.
4. Witness and assist in systems functional testing.
5. Demonstration of operation of systems, subsystems, and equipment.

C. Provide the design documents, prepared by Architect and approved by UIC, to the Commissioning Agent and for use in directing the commissioning process, developing the commissioning plan, systems manuals, and reviewing the operation and maintenance training plan.

D. Provide utility services required for the commissioning process unless temporary or construction phase utilities are required to be provided by the contractor

1.7 CONTRACTOR'S COMMISSIONING RESPONSIBILITIES

A. The Contractor shall assign a Commissioning Manager to manage commissioning activities of the Contractors, subcontractors, installers and vendors.

B. The Contractor shall ensure that the commissioning responsibilities outlined in these specifications are included in all sub-contracts and that subcontractors comply with the requirements of these specifications.

C. The Contractor shall ensure that each installing sub-contractor shall assign representatives with expertise and authority to act on behalf of the sub-contractor and schedule them to participate in and perform commissioning team activities including, but not limited to, the following:

1. Participate in construction-phase commissioning coordination meetings.
2. Conduct operation and maintenance training sessions in accordance with approved training plans.
3. Verify that Work is complete and systems are operational according to the Contract Documents, including calibration of instrumentation and controls.
4. Evaluate commissioning issues and commissioning observations identified in the Commissioning Issues Log, field reports, test reports or other commissioning documents. In collaboration with entities responsible for system and equipment installation, recommend corrective action.
5. Review and comment on commissioning documentation.
6. Participate in meetings to coordinate systems functional testing.
7. Provide schedule for operation and maintenance data submittals, equipment startup, controls checkout, test and balance, and testing to Commissioning Agent for incorporation into the commissioning plan. Update schedule on a weekly basis throughout the construction period.

8. Provide information to the Commissioning Agent for developing construction-phase commissioning plans.
9. Participate in training sessions for UIC's operation and maintenance personnel.
10. Provide technicians who are familiar with the construction and operation of installed systems and who shall develop specific test procedures to conduct systems functional performance testing of installed systems.
11. Perform NETA acceptance testing on all electrical systems including optional tests and all NIBS performance testing on envelope systems as outlined in annex x.
12. Gather and submit operation and maintenance data for systems, subsystems, and equipment to the CxA, as specified in Division 01 Section "Operation and Maintenance Data."
13. Provide technicians who are familiar with the construction and operation of installed systems and who shall develop specific test procedures and participate in testing of installed systems, subsystems, and equipment.

1.8 COMMISSIONING AGENT'S RESPONSIBILTIES

A. Organize and lead the commissioning team.

B. Prepare the construction phase commissioning plan.

C. Collaborate with the Construction Manager, each Contractor, and with subcontractors to develop test and inspection procedures.

D. Include scheduled commissioning activities coordinated with the overall Project schedule.

E. Review and comment on selected submittals from the Contractor for general conformance with the Construction Documents. Review and comment on the ability to commission the system and/or equipment, including providing gages, controls and other components required to operate, maintain, and test the system. Review and comment on performance expectations of systems and equipment and interfaces between systems relating to the Construction Documents and UIC's Project Requirements.

F. At the beginning of the construction phase, conduct an initial construction-phase coordination meeting for the purpose of reviewing the commissioning activities and establishing tentative schedules for operation and maintenance submittals; operation and maintenance training sessions; TAB Work; Pre functional Checklists, Systems Functional Performance Testing; and Project completion.

G. Convene commissioning team meetings for the purpose of coordination, communication, and conflict resolution; discuss progress of the commissioning processes. Responsibilities include arranging for facilities, preparing agenda and attendance lists, and notifying participants. The Commissioning Agent shall prepare and distribute minutes to commissioning team members and attendees within five workdays of the commissioning meeting.

H. Observe construction and report progress, observations and issues. Observe systems and equipment installation for adequate accessibility for maintenance and component replacement or repair, and for general conformance with the Construction Documents.

I. Prepare Project-specific Pre-functional Checklists and Systems Functional Performance Test procedures.

J. Coordinate Systems Functional Performance testing schedule with the Contractor. Witness selected systems startups. Verify selected Pre-functional Checklists completed and submitted by the Contractor. Provide testing procedures, witness and document Systems Functional Performance testing.

K. Compile test data, inspection reports, and certificates and include them in the systems manual and commissioning report.

L. Review and comment on operation and maintenance (O&M) documentation and systems manual outline for compliance with the Contract Documents. Operation and maintenance documentation requirements are specified in Division 01 Section "OPERATION AND MAINTENANCE DATA."

M. Review operation and maintenance training program developed by the Contractor. Verify training plans provide qualified instructors to conduct operation and maintenance training.

N. Prepare commissioning reports.

O. Return to the site at 10 months into the 12-month warranty period and review with facility staff the current building operation and the condition of outstanding issues related to the original and seasonal commissioning. Also interview facility staff and identify problems or concerns they have operating the building as originally intended. Make suggestions for improvements and for recording these changes in the O&M manuals. Identify areas that may come under warranty or under the original construction contract. Assist facility staff in developing reports, documents and requests for services to remedy outstanding problems.

P. Assemble the final commissioning documentation, including the Final Commissioning Report and Addendum to the Final Commissioning Report.

1.9 INCLUDED SYSTEMS

A. Commissioning of a system or systems specified for this project is part of the construction process. Documentation and testing of these systems, as well as training of the UIC's Operation and Maintenance personnel, is required in cooperation with the UIC and the Commissioning Agent. Commissioning must be done in accordance with ASHRAE Guideline 0-2019 and ASHRAE Guideline 1.1-2007 (or most current version) for HVAC&R systems as they relate to energy, water, indoor environmental quality, and durability.

B. All the systems below shall be 100% commissioned and NO sample testing of any equipment is allowed without prior approval.

C. The systems to be commissioned as part of this project include at a minimum:

1. Air Handling Units, Rooftop Units, DOAS Systems etc.
2. Terminal Units- Fan coil units, VAV Boxes, Heat Pump, Chilled Beams, Reheat Coils etc.
3. All Hydronic systems- Pumps, Heat Exchanges etc.
4. All Domestic water systems, pumps and controls

5. Exhaust fans, Return Fans etc.
6. Electrical systems- Switchgear, Panelboards, MCC, distribution systems.
7. Building Automation Systems and associated lighting controls
8. Renewable energy systems dedicated to the project space
9. Envelope systems are included in the Systems to be Commissioned. Specific systems will be updated as the design develops.

1.10 COMMISSIONING DOCUMENTATION

A. Preliminary Construction Commissioning Plan Submittal: The Commissioning Agent will submit the Preliminary Construction Commissioning Plan. Delivery will be through electronic submission. Present submittal in sufficient detail to evaluate data collection and arrangement process. Review comments will be returned to the Commissioning Agent.

B. Construction Commissioning Plan Final Submittal: The Commissioning Agent will submit electronically formatted information of final commissioning plan. The final submittal must address previous review comments. The final submittal shall include a copy of the preliminary submittal review comments along with a response to each item.

C. Functional Test Procedures and Report Forms: The Commissioning Agent will submit preliminary functional test procedures and forms to the Contractor, the UIC, and the Architect/Engineer for review and comment. The Contractor shall return review comments to the UIC and the Commissioning Agent. The UIC and Architect/Engineer will also return review comments to the Commissioning Agent. The Commissioning Agent will incorporate review comments into the Final Functional Test Procedures to be used in Systems Functional Performance Testing.

D. Pre-functional Checklists: The Commissioning Agent will submit Pre-functional Checklists to be completed by the Construction Manager and Contractors through a web based commissioning tool.

E. Test and Observation Reports: The Commissioning Agent will submit test and observation reports to the UIC with copies to the Contractor and the Architect/Engineer.

F. Corrective Action Documents: The Commissioning Agent will submit corrective action documents to the UIC with copies to the Contractor and Architect.

G. Commissioning Report Submittal: The Commissioning Agent will submit one hard copy and two sets of electronically formatted information of the final commissioning report to the UIC.

1.11 SUBMITTALS

A. The commissioning process utilizes formal documentation for quality control, which includes submittal review, pre-functional checklists, field observation reports, O&M Manual review comments, Training Information review comments, Test and Balance Verification, Functional Performance Testing, and other forms necessary for this project.

A. Contractor’s Construction Schedule: Submit to team with regular updates, incorporating Cx procedures as indicated in Part 1, “Schedule” of this section.

B. Construction IAQ Plan as required by section 015721 Indoor Air Quality During Construction.

C. Systems and Equipment Submittals: as identified in Part 1, “Included Systems” of this section.

D. Power System Study for short circuit, coordination, and arc flash analysis as indicated in Division 26.

E. O&M Manuals & Warranty: Contractor shall submit an O&M Manual outline to be approved by the A/E, Owner, and CxA. O&M Manual and warranties shall be submitted prior to scheduled Owner Training to allow for review and correction prior to Owner training. O&M manual shall include all requirements from equipment and Division 01 specifications plus the items identified herein Part 3, “O&M Manuals” of this section. See Part 1, “Schedule” of this section for timeframe requirements.

F. Pre-Functional Checklists prepared by CxA, must be completed by the Contractor and submitted to the CxA for backcheck per section in Part 1, “Schedule”. Submittal and review required prior to initiation of FPTs. See Part 3, “Pre-Functional Checklists” of this section.

G. Submit response to CxA’s issues log per requirements in Part 1, “Schedule” and Part 3, “Field Observations and Issues Log” of this section.

H. TAB Plan, completed, preliminary TAB report (prior to TAB verification), and Final TAB report. As indicated in Part 3, “Test, Adjust, and Balance Verification” of this section.

I. Field Quality Control reports: Submit as required by the respective equipment specifications. Additional testing and inspecting, at Contractor’s expense, will be performed as necessary until compliance with specifications.

J. Start-up reports: Submit as required by this section and the respective equipment specifications. Must be submitted with the completed pre-functional checklists to indicate readiness for functional testing. See Part 3, “Start-Up” of this section

K. Control System Verification: Submit contractor’s verification that controls work is complete, include point to point verification, calibration report, and valve and damper stroke report as indicated in division specifications and Part 3, “System Control Verification” of this section.

L. Owner Training: Submit training agendas as outlined in Part 3, “Training” of this section.

M. Record Drawings: In accordance with Division 01, 22, 23, 26, 27, and 28 specifications.

N. Other documentation as required by division commissioning requirements.

1.1 COMMISSIONING PROCESS

A. The Commissioning Agent shall be responsible for the overall management of the commissioning process as well as the specific scheduling of all procedures.

B. Prior to the start of mechanical or electrical system installation, the Contractor shall designate a specific individual as the Commissioning Manager (CxM) to manage and lead the commissioning effort on behalf of the Contractor. The CxM shall provide a single point of contact and communications for all commissioning related services.

C. Prior to the start of mechanical or electrical system installation, the Contractor shall designate specific individuals as commissioning representatives (CxR) for each Subcontractor to be associated with commissioning work. The commissioning representatives shall participate in the commissioning process as team members providing commissioning testing services, equipment operation, adjustments, and corrections if necessary. All CxR's shall be selected as individuals having sufficient authority to direct their respective staff to provide the services required, accept and provide minor changes to the work on behalf of the sub-contractors or various organizations involved, and to speak on behalf of their organizations in all commissioning related contractual matters

2.1 COORDINATION

A. Management: The Commissioning Agent will direct and coordinate the commissioning activities and the commissioning reports to the UIC. All commissioning team members shall work together to fulfill their contracted responsibilities and meet the objectives of the contract documents.

B. Scheduling: The Commissioning Agent will work with the Contractor and the UIC to schedule the commissioning activities. The Commissioning Agent will provide sufficient notice to the Contractor and the UIC for scheduling commissioning activities. The Contractor shall integrate all commissioning activities into the master schedule. All parties will address scheduling problems and make necessary notifications in a timely manner in order to expedite the commissioning process.

C. Coordinating Meetings: The Commissioning Agent will conduct periodic coordination meetings of the commissioning team to review progress on commissioning activities, to discuss scheduling conflicts, and to discuss upcoming commissioning process activities.

D. Pretesting Meetings: The Commissioning Agent will conduct pretest meetings of the commissioning team to review startup reports, Pre-functional Checklist results, Systems Functional Performance Testing procedures, testing personnel and instrumentation requirements.

E. Systems Functional Performance Testing Coordination: The Commissioning Agent will coordinate the sequence of testing activities to accommodate required quality assurance and - control services with a minimum of delay and to avoid necessity of removing and replacing construction to accommodate testing and inspecting. The Commissioning Agent will coordinate the schedule times for tests, inspections, obtaining samples, and similar activities.

3.1 SCHEDULE

A. The Contractor shall provide the Commissioning Authority (CxA) with a detailed construction schedule within 30 days of the commencement of work. The Contractor shall also provide the Commissioning Authority (CxA) with construction schedule updates throughout the construction period. Schedules shall include all submittals; equipment start-up activities; ductwork testing; pipe flushing; Test, Adjust, and Balance; and Owner training. The CxA will provide the Contractor with commissioning activities to incorporate into the overall project schedule.

B. Contractor shall complete pre-functional checklists daily as equipment is received, installed, and started up. CxA will provide pre-functional checklists.

C. Issue Log shall be responded to as agreed upon in published Cx Plan.

D. Contractor shall notify CxA 14 days minimum prior to equipment startup including electrical distribution energization, ductwork testing, pipe testing and flushing, water treatment certification, and AHJ inspections. All documentation shall be sent to CxA for record.

E. Contractor shall submit proposed startup procedures for review 14 days minimum prior to startup.

F. Contractor shall submit completed Pre-functional Checklists, startup reports, and Certificate of Readiness Forms to CxA 14 days minimum prior to scheduled functional testing.

G. Contractor shall submit controls verification for review to CxA prior to starting of trending or TAB.

H. Controls contractor shall submit trending for review to CxA 14 days minimum prior to functional performance testing. Unless otherwise specified, trending duration shall be for 7 days on 15 minute intervals or Change of Value (COV), and shall include all points as requested by CxA. Functional testing will not be scheduled prior to CxA and Owner approving trends.

I. TAB contractor shall provide completed, preliminary report for review to CxA prior to TAB Verification.

J. FPT (Functional Performance Test) procedures will be developed by the CxA and provided to contractor prior to testing for review . The contractor shall return consolidated comments from all contractors within 14 days of receipt from the CxA.

K. Functional performance Tests to be scheduled with 14 days minimum notice to CxA.

L. FPT's shall be accomplished prior to submitting the initial request for [substantial/material] completion and after all pre-functional checklists have been accepted by the CxA and after acceptance of all startup and performance test reports (e.g., TAB report) by the CxA.

M. The CxA will provide to all commissioning team members, and others as required, the integrated system test (IST) plan for review prior to the scheduled testing. The contractor shall return consolidated comments from all contractors within 14 days of receipt from the CxA.

N. Integrated system test shall be accomplished after all pre-functional performance tests for involved equipment and systems have been accepted by the CxA and prior to submitting the initial request for substantial completion. This assumes proper acceptance of all pre-functional checklists and startups by the CxA has also occurred per prerequisites for FPTs prior to IST.

O. Integrated system test to be scheduled with 14 days minimum notice to CxA.

P. Contractor shall be responsible for participating in and performing functional performance testing at end of construction, and as necessary for seasonal testing, and at 10 month warranty review.

Q. O&M Manuals: Contractor shall submit an O&M Manual outline early in construction (timing to be defined during Cx kick-off) to be approved by the A/E, Owner, and CxA. O&M Manual shall be submitted a minimum of 90 days prior to scheduled Owner Training to allow for review and correction prior to Owner training.

R. The Contractor shall submit Training Materials and Agendas with scheduled date 30 days prior to scheduled training. Training shall be completed prior to substantial completion and occupancy.

S. Seasonal testing will be scheduled to be performed during the opposite season of the original Functional Testing.

T. Warranty Review will be conducted 10-months after substantial completion.

U. Schedule Summary

Document/ Action	**Due**
Construction schedule to CxA	Provide within 30 days of the commencement of work
O+M Manuals & Warranties	Outline to be provided as determined at Cx Kickoff. O+M manuals and warranties to be provided 90 days before scheduled owner training
Pre-Functional Checklist Completion	Update daily as work completed
Issue Log	Provide responses within 7 days of issuance
Notification of equipment start-up and proposed procedures to CxA	Notify & provide 14 days prior to scheduled start-up
Control System Verification	Provide prior to starting trending & prior to starting TAB
Provide completed, preliminary TAB report to CxA	Submitted prior to TAB verification
Completed Pre-Functional Checklists, Start-up Reports, and Trending	Provide 14 days prior to scheduled functional testing
Functional Performance Tests	CxA to provide to Contractor for review at least 28 days prior to scheduled testing Contractor to return reviewed tests within 14 days of receipt Notification of functional testing schedule 14 days prior to event Executed after pre-functional checklists and startup and performance test reports (e.g., TAB report) have been approved by the CxA and prior to submitting the initial request for [substantial/material] completion
Integrated Systems Test	CxA to provide to Contractor for review at least 28 days prior to scheduled integrated systems testing

	Contractor to return reviewed integrated tests within 14 days of receipt Notification of integrated system testing schedule at least 14 days prior to event Executed after FPTs for involved equipment and systems have been accepted by the CxA and prior to submitting the initial request for [substantial/ material] completion
Training Material and Agendas	Submitted at least 30 days prior to training
Training	Completed prior to [substantial/material] completion and occupancy.
Seasonal Testing	To be scheduled for the opposite season of functional performance testing.
Warranty Review	Completed 10 months after [material/substantial] completion

PART 2 - PRODUCTS

1.1 TEST EQUIPMENT

F. The Contractor shall provide all standard and specialized testing equipment required to perform startup, initial checkout, specification defined tests, industry standards tests, and systems Functional Performance Testing. Required test equipment for Functional Performance Testing will be identified in the detailed System Performance Test Procedure checklists prepared by the Commissioning Agent.

G. All testing equipment shall be of sufficient quality and accuracy to test and/or measure system performance with the tolerances specified in the Specifications or Guiding Standards. All equipment shall be NIST calibrated within 12 months.

H. The installing contractor or the Commissioning Authority shall provide or hire a third-party testing agency to perform all inspections and tests defined in NETA ATS Standard for Acceptance Testing for Electrical Power Equipment and Systems including those listed as optional.

1. For testing procedures requiring a NETA technician Level 1 or Level 2, the testing agency may be a direct sub-consultant provided by the Commissioning Authority (at the Owner’s discretion).

2. For testing procedures requiring a NETA technician higher than Level 2, the testing agency shall be a direct sub-consultant provided by the installing contractor

3. The Commissioning Agent, Owner, and Design Professional will review and comment on Methods of Procedure and load bank planning provided by the installing contractor's equipment vendor.

I. The installing contractor shall be responsible for supplying any secondary equipment such as load banks and for submitting a plan to deploy the equipment.

J. The Contractor shall provide all test equipment or hire a third-party testing agency to perform all inspections and tests defined in NIBS Guideline 3 Building Enclosure Commissioning Process BECx Annex U (Exterior Building Enclosure Performance Testing).

K. Data logging equipment and software required to test equipment shall be provided by the Contractor.

PART 3: EXECUTION

3.1 COMMISSIONING TEAM

A. The commissioning team shall consist of, but not be limited to, representatives of contractors, including Project Superintendent and subcontractors, installers, schedulers, suppliers, and specialists deemed appropriate by the UIC and Commissioning Agent.

B. Members Appointed by Construction Manager:

1. Contractor' Commissioning Manager: The designated person, company, or entity that plans, schedules and coordinates the commissioning activities for the construction team.

2. Contractor's Commissioning Representative(s): Individual(s), each having authority to act on behalf of the entity he or she represents, explicitly organized to implement the commissioning process through coordinated actions. The commissioning team shall consist of, but not be limited to, representatives of contractors, including Project Superintendent and sub-contractors, installers, suppliers, and specialists deemed appropriate by the UIC and Commissioning Agent.

B. Members Appointed by UIC:

1. Commissioning Agent: The designated person, company, or entity that plans, schedules, and coordinates the commissioning team to implement the commissioning process. The UIC will engage the CxA under a separate contract. The CxA must have documented commissioning process experience on at least two building projects with a similar scope of work. The experience must extend from the early design phase through at least 10 months of occupancy.

2. In order to maximize points and value added to UIC, all projects pursuing LEED certification must have a CxA that is not an employee of the design or construction firm nor a subconsultant to the construction firm.

3. Representatives of the facility user and operation and maintenance personnel.

4. Architect and engineering design professionals.

3.2 COMMISSIONING MEETINGS

A. All commissioning team members shall attend preconstruction Cx meeting. The meeting will be to discuss the Cx process, scheduled activities, and Cx team responsibilities.

B. Commissioning meetings/discussions will be held throughout the duration of construction and will typically be part of, or follow, a scheduled project coordination meeting. Commissioning meetings may be separate from other meetings and will have their own agenda and meeting minutes. The CxA will lead, distribute agendas, and record meeting minutes for specific Cx meetings, otherwise these items will be completed by parties responsible for leading the meetings.

3.3 COMMISSIONING PLAN

A. A detailed commissioning plan will be provided and reviewed with the contractors during the pre-construction meeting.

B. The commissioning plan is intended only as a guide for commissioning activities on the project. The project contract documents are the requirements and shall be considered the extent of the contractor's responsibilities.

C. The commissioning plan will be updated periodically throughout the project process, become the depository for the commissioning documentation, and ultimately become the basis for the final commissioning report.

3.4 SUBMITTAL REVIEWS

A. The Commissioning Authority (CxA) shall review submittals concurrent to A/E and Owner. The intent of this review is to identify long-term issues of submitted equipment and to ensure the original design intent is maintained throughout the design and construction phases. Comments of the CxA will be coordinated through A/E.

B. The CxA will send comments directly to the A/E and Owner within 7 days of receipt. The A/E will receive the CxA comments and return a combined or collective list of comments to the Contractor.

1. Submittals reviewed by the CxA will be returned to the A/E for final disposition.
2. The A/E will review and incorporate the comments, or attach them to their comments, and return a single comment list to the Contractor. A/E is the designer of record; therefore, comments from CxA are only recommendations.
3. A/E will respond to the CxA comments that are not included with reason or acceptance of comment in order to maintain and close out CxA issues in the issues log.

3.5 O&M MANUALS & WARRANTIES

A. CxA will review O&M Manuals and Warranties concurrent with Owner and A/E as per any submittal.

B. O&M Manuals shall contain:

1. All requirements from other sections of Contract Documents.
2. Current IECC "Maintenance Information and System Commissioning" requirements
3. Warranty Procedures: Provide a comprehensive procedure for warranty procedures.
4. Filter Schedule: One comprehensive schedule indicating all equipment on the project with filters and their associated filter size, quantity, and MERV rating.
5. Belt Schedule: One comprehensive schedule indicating all equipment on the project with belts and their associated belt size, type, and quantity.
6. Lamp Schedule: One comprehensive schedule indicating lamps for all luminaires on the project and their types and quantities, manufacturers, and order codes.
7. Warranty Schedule: One comprehensive schedule listing all equipment on project and their parts, labor, and extended warranties. Include start and end dates.
8. Maintenance Schedule: One comprehensive schedule indicating routine maintenance frequencies. Schedule shall indicate maintenance requirements for 2 calendar years starting from date of Owner acceptance.

C. Distribution process shall be the same as Submittal Review detailed above.

D. O+M Manuals and Warranty shall be submitted per requirements of Part 1, 'Submittals & Documentation" and "Schedule" of this section.

3.6 PRE-FUNCTIONAL CHECKLISTS

A. The intent of the pre-functional checklist is to provide a formalized means to easily track construction progress. The Checklists are designed to detect and eliminate delivery, installation and startup problems, and problems with miscommunication. This process also serves as a convenient way to document the progress of the work. Each piece of equipment shall receive a full Pre-functional Checklist checkout. No sampling strategies are used. The Pre-functional Checklist for a given system must be successfully completed prior to formal functional performance testing of equipment or subsystems of the given system.

B. Four weeks prior to startup, the Contractor shall schedule startup and checkout with the UIC and CxA. The performance of the Pre-functional Checklists, startup and checkout shall be directed and executed by the Contractor.

C. The Commissioning Agent will observe the startup procedures for selected pieces of primary equipment.

D. The Contractor shall execute startup and provide the UIC and Commissioning Agent with a signed and dated copy of the completed start-up, Pre-functional Checklists, and initial tests.

Pre-functional checklists are described below:

These are equipment-specific and incorporate prerequisite supporting infrastructure such as piping and appurtenances, ductwork, wiring and controls.

A. Pre-functional checklists for all pieces of equipment typically follow the same format yet are tailored to the specific equipment being installed.

B. Pre-functional checklists are developed for each individual piece of equipment to track and verify equipment from when they are delivered, installed, and during start-up. The CxA will develop and provide these checklists for each piece of equipment or system being commissioned. They will include the following:

1. Checklist Procedure Instructions

2. Checklists components:

a. Pre-Installation Checks: Includes several yes/no or short answer questions to document the condition of the equipment prior to installation and several blank fields to verify manufacturer, model, serial no., etc. of delivered equipment matches corresponding submitted/approved items.

b. Installation: Includes several yes/no or short answer questions to document that the equipment is installed, electrically wired, and non-energized testing performed according to the specified requirements.

c. Startup: Includes several yes/no or short answer questions to document that the equipment is energized, controlled, tested, and balanced according to the specified requirements.

C. The checklist shall be completed by the individual actually completing the work. It is not acceptable for witnessing supervisors to fill out these forms. Prior to any work, the checklist shall be reviewed by the individual contractor for pertinent information.

D. A means to document the reasons for a negative response or discrepancy to any checklist item will be provided and shall be used.

E. The completion of the checklist does not eliminate the contractor's responsibility for meeting other requirements in the specifications and drawings.

F. The CxA will periodically verify the accuracy and track the completeness of the checklists. If consistent errors are found, the responsible contractor shall re-validate 100% of the checklists for the problem equipment or system type.

G. CxA can provide a web-based system for use by the contractors to complete the checklists via desktop or mobile device.

H. Pre-functional checklists are to be completed and submitted per requirements in Part 1, ‘Submittals & Documentation” and “Schedule” of this section.

3.2 FIELD OBSERVATIONS AND ISSUE LOG

A. The CxA will perform routine field observations during the construction period.

B. The CxA will maintain an Issues Log that will include construction issues, access and maintenance issues, or other issues. Each observation is intended to improve the project quality and achieve the OPR.

C. When requested, contractor will accompany CxA during field observations to observe construction issues identified and documented by the CxA for inclusion in issues log.

D. The CxA Issue Logs are not “punch lists” in that they focus on systemic problems. Where a systematic issue is identified, not all of the same components will have been verified by the CxA.

E. Issue Logs shall be responded to per requirements in Part 1, “Schedule”.

3.3 START-UP

A. Startup procedures shall be prepared and/or provided by the Contractor prior to start-up and submitted to A/E, Owner, and CxA to review.

B. Startup documentation shall contain a minimum of all startup procedures recommended by manufacturer and shall encompass all accessories and sensor/device calibration.

C. Start-up reports shall be per requirements of the included equipment specification sections or referenced documentation section of this specification and include documented results of any required testing.

D. Start-up reports will be tracked with completion of pre-functional checklists to indicate readiness for functional testing. Completed start-up reports shall be submitted per requirements of Part 1, ‘Submittals & Documentation” and “Schedule” of this section.

3.4 CONTROL SYSTEM VERIFICATION:

A. Included in this work will be verification of instrument calibration, access to components, labeling of devices, clear sequences and shop drawings.

B. The verification of the control system will be accomplished as an on-going task during construction to identify and resolve systemic issues early in the project. This on-going task will involve work that occurs offsite and throughout the construction phase including the closeout phase.

C. The temperature controls contractors shall provide a temporary wireless internet network in the building for use during controls programming, checkout, and commissioning. This network will allow project team members to more effectively program, view, manipulate and test control devices while being in the same room as the controlled device. The network is intended to be independent from the building’s final internet service connection and will be used to monitor and troubleshoot systems prior to final migration of logic and graphics to the owner’s permanent network.

D. Provide web-access to the commissioning agent for remote viewing and monitoring of the automation system prior to functional performance testing.

E. The control system operation must be sufficiently operational prior to the TAB of the system. It is understood that a portion of the final control system startup occurs in conjunction with the TAB work. The intent of this requirement is for the TAB work to be productive and not be hampered by a control system that is not sufficiently functional.

F. The control system testing will utilize the controls system instrumentation for testing. Therefore, the first portion of the control system testing will be verification of the sensors, inputs and outputs.

G. Point-to-Point Verification: All wiring shall be checked out by the Control Contractor from end to end, point to point, from field to computer screen to ensure correct connection and a system free from wiring defects.

H. Control System Verification shall be submitted per requirements of Part 1, 'Submittals & Documentation" and "Schedule" of this section.

3.5 TEST, ADJUST, AND BALANCE REVIEW

A. The CxA will witness the TAB activities performed by the contractor/subcontractors to document achievement of the OPR and compliance with contract documents. The specific activities expected include:

1. Review of TAB procedures documented in TAB Plan. TAB Contractor shall verify accessibility of equipment and components required for TAB work, adequate number and placement of duct balancing dampers to allow proper balancing while minimizing sound levels in occupied spaces, adequate number and placement of balancing valves to allow proper balancing and recording of water flow, adequate number and placement of test ports and test instrumentation to allow reading and compilation of system and equipment performance data needed to conduct both TAB and commissioning testing.

2. The TAB verification will be done while the system is under the same conditions and control setup as the original readings. TAB contractor shall be responsible for, at minimum, 10% TAB Verification with CxA and Cx Team. TAB report shall be submitted per requirements of Part 1, 'Submittals & Documentation" and "Schedule" of this section.

3. CxA will review TAB deficiencies report with Owner to evaluate existing conditions and repairs that may be required.

3.6 FUNCTIONAL PERFORMANCE TESTING

A. Objectives and Scope: The objective of functional performance testing is to demonstrate that each system is operating according to the documented design intent and Contract Documents. Successful Completion of Functional Testing is a Prerequisite to Substantial Completion. Additionally, during the testing process, areas of deficient performance are identified and corrected, improving the operation and functioning of the systems. In general, each system shall be operated through all modes of operation where there is a specified system response. The Contractor shall verify each sequence in the sequences of operation.

B. Development of Functional Performance Test Procedures: Before Systems Functional Performance Test procedures are written, the Contractor shall submit all requested documentation and a current list of change orders affecting equipment or systems, including an updated points list, program code, control sequences and parameters. Using the testing parameters and requirements found in the Contract Documents and approved submittals and shop drawings, the Commissioning Agent will develop specific systems functional test procedures and forms to verify and document proper operation of each piece of equipment and system to be commissioned. The Contractor shall assist the Commissioning Agent in developing the Systems Functional Performance Test procedures as requested by the Commissioning Agent i.e. by answering questions about equipment, operation, sequences, etc. Prior to execution, the Commissioning Agent will provide a copy of the Systems Functional Performance Test procedures to the UIC, the Architect/Engineer, and the Contractor, who shall review the tests for feasibility, safety, equipment and warranty protection.

C. The CxA will witness tests performed by the Contractor that are intended to document achievement of the OPR. Functional performance testing is to be scheduled per requirements in Part 1, "Schedule" of this section. The specific activities expected include:

1. The CxA will provide to all commissioning team members, and others as required, the functional performance test plan 28 days prior to the scheduled testing.

2. Review of test procedures: the contractor shall review the FPT procedures developed by the CxA. The contractor shall return consolidated comments from all contractors per Part 1, "Schedule" of this section.

3. FPT's shall be accomplished per Part 1, "Schedule" of this section.

4. Contractor shall assign adequate personnel and tools for the following FPTs and any required retests:

a. HVAC Systems – all modes of operation, including emergency, efficiency, performance, and consistency tests

b. Electrical –Validation of proper operation of power distribution system within specified tolerances in all modes of operation, including emergency.

c. Plumbing Systems – Review of plumbing equipment (domestic hot water, heat hot water, chilled water, condensate drainage, etc.) in all modes of operation.

D. Control system set-up, calibration and operation shall be completed and verified prior to system Testing, Adjusting, and Balancing as defined in Section 23 05 93. System functional performance testing shall not be completed until the TAB report has been verified and accepted by the A/E.

E. Each contractor will be responsible, as required, to assist the CxA by performing the testing, putting the system in various modes of operation, and fixing minor problems found during the test. Manufacturer's representatives may be required to access and override controls as necessary to conduct the testing if control is not provided by the controls contractor.

F. Skilled technicians shall be provided by the appropriate Contractor familiar with the system and building to execute the functional performance testing of equipment or system. The Owner reserves the right to reject any technician who is not qualified to perform the required testing. Qualifications of technicians include site-specific expert knowledge relative to tested equipment and adequate documentation and tools to service and operate the systems.

G. If major problems are discovered during the test, the responsible contractors and General Contractor will fix the problem and the test shall be redone. If more than one functional performance test is required, the responsible contractor will be back-charged for the CxA's time and expenses.

H. .Re-testing Procedure:

1. Any requirement for a re-test for a given test shall constitute the back charge to the responsible Contractor by the Owner for the attendance of CxA. A re-test shall be defined in this context as any time where a test defined under this section for the project cannot be fully executed due to any of the following conditions:

a. Date and time of test changed without a minimum of 14 days notice to CxA.

b. Improper or insufficient personnel and/or tools on site at time of test.

c. Deficiencies or discrepancies present at time of test that have been previously noted by CxA and remain unresolved.

d. Any issues that require a re-test or stoppage of tests in progress.

e. Failure of test for reason under responsibility of Contractor and/or Contractor responsible for subsystems or auxiliary components(i.e. controls, electrical, etc.).

f. Failure due to manufacturer defect.

2. The Contractor is responsible for all costs associated with re-testing, including costs incurred by Owner.

3. Re-testing by Contractor shall not be considered a reason for a claim of delay or for a time extension by the Contractor.

4. If any sample selected has more than a 10% failure rate, an additional sample equal to the number of units that failed shall be selected and treated as a re-test in accordance with re-testing guidelines provided under this section. This shall be in addition to the requirement to re-test the failed units.

3.7 INTEGRATED SYSTEM TEST

A. A key component of Commissioning is the verification of the operation of the power system in all modes of operation and the integration with other building systems to ensure the systems is ready for occupancy.

B. The CxA will witness integrated system tests (IST) performed by the Contractor that are intended to document achievement of the OPR for commissioned systems. The integrated system test is to verify HVAC, fire protection, plumbing, electrical, life safety, critical systems, lighting, communication, and equipment systems transfer to the emergency power system upon loss of utility power, and transfer to normal power after restoration of utility power. Equipment will exhibit shutdown and restart as applicable, and emergency power mode of operation without unintended alarms or faults. Equipment will transfer smoothly back to normal power upon restoration of utility power. Systems that did not transfer to emergency power shall exhibit expected shutdown with loss of normal power and restart with restoration of normal power. This includes the shutdown and restart of loads that may be shed based on emergency power capacity.

C. IST may be initiated by a simulated loss of utility or an actual loss of utility per project requirements.

D. The integrated systems test will be performed only after all other system s that are part of the integrated system test have passed their Functional Performance Tests.

E. Integrated systems testing is to be scheduled per requirements in Part 1, “Schedule” of this section.

F. The specific activities expected include:

1. The CxA will provide to all commissioning team members, and others as required, the integrated systems test plan per Part 1, “Schedule” of this section.

2. Review of test procedures: the contractor shall review the FPT procedures developed by the CxA. The contractor shall return consolidated comments from all contractors per Part 1, “Schedule” of this section.

3. The IST shall be accomplished per Part 1, “Schedule” of this section.

4. For included systems listed in 3.13.B, IST shall verify all used modes of operation while on emergency power as well as upon restoration of normal power.

5. Contractor shall assign adequate personnel and tools for the integrated system test and any required retests:

   a. Each contractor will be responsible, as required, to assist the CxA by operating systems, witnessing the testing, putting the system in various modes of operation, and fixing minor problems found during the test.

   b. Skilled technicians shall be provided by the appropriate Contractor familiar with the system and building to execute the integrated system testing of the building systems during the integrated systems test. The Owner reserves the right to reject any technician who is not qualified to perform the required testing. Qualifications of technicians include site-specific expert knowledge relative to tested equipment and adequate documentation and tools to service and operate the systems.

6. If major problems are discovered during the test, the responsible contractors and General Contractor will fix the problem and the test shall be redone. If more than two IST tests are required, the responsible contractor will be back-charged for the CxA’s time and expenses.

3.8 TRAINING

A. The lead contractor for the respective system is responsible for the development of the training material for the system. The lead contractor shall utilize the Operations and Maintenance Manual as a basis for instruction. Any coordination of training between different contractors is the responsibility of the lead contractor.

B. The training agendas and material shall be submitted to the CxA for review and acceptance for review per requirements of Part 1, ‘Submittals & Documentation” and “Schedule” of this section. The CxA shall provide comments to supplement the training material for operations and maintenance personnel where appropriate.

C. Training Agendas, at minimum, shall include:

   1. Instructor's Name.
   2. Date of training.
   3. Duration.
   4. General purpose of the system.
   5. Use of the O&M manuals.

6. Review of control drawings and schematics.
7. Start-up, normal operation, shutdown, unoccupied operation, seasonal changeover, manual operation, controls set-up and programming, troubleshooting, and alarms.
8. Interactions with other systems, adjustments and optimizing methods for energy conservation, relevant health and safety issues.
9. Preventative maintenance procedures and schedules. Schedule should be broken out by system and individual component requiring maintenance.
10. Special maintenance and replacement sources.
11. End user interaction issues.
12. Discussion of how the feature or system is environmentally responsive.
13. The trainer shall verify that the training agenda is covered and shall obtain signatures and names of persons attending the training.

D. CxA will review training agenda and materials concurrent with Owner and A/E.

E. Distribution process shall be the same as Submittal Review described above.

F. Training shall be video recorded by the Contractor, unless specified otherwise in the design documents, and provided to owner/operator in required format.

G. All training sessions shall be scheduled and coordinated by the General Contractor through Owner.

Major component training shall be completed and accepted by Owner per requirements of Part "Schedule" of this section.

3.9 RECORD DRAWINGS

A. Comply with requirements specified in Section 01 78 00 and divisional specifications.

3.10 SEASONAL TESTING

A. Contractor shall be responsible to participate in seasonal testing. Seasonal testing will be at the opposite season, and prior to the warranty review period as defined in Part 1, "Schedule" of this section . Seasonal testing is to verify the system operation is stable during the opposite season.

3.11 WARRANTY REVIEW

A. Contractor shall be responsible for participating in warranty review process near the end of warranty period as defined in Part 1, "Schedule" of this section to verify all warranty items have been resolved.

END OF SECTION 01 9113

13.14 SITE SOUND EVALUATION

UIC DDCRP Site Sound Evaluation

06 February 2026

1 Introduction

This report provides the measurement results for the survey of environmental vibration conducted on November 20, 2025. The objective was to measure existing background vibration levels and vibration associated with adjacent CTA train operations to inform building vibration isolation design. Concurrent airborne sound measurements were also collected to characterize exterior noise levels at the site for evaluation of façade sound isolation requirements.

2 Site Description

The proposed site of UIC's DDCRP is located on an active concrete-paved parking lot. The CTA's Pink Line Polk station is adjacent to the East, with tracks roughly 75 ft from the building. Trains run North and South alongside the building consistently throughout the day.



3 Methods

Vibration measurements were conducted using three synchronized Syscom ROCK vibration monitoring devices. Each device recorded vibration velocity simultaneously in three orthogonal axes (vertical, north–south, east–west) at a sampling rate of 1000 Hz.

THRESHOLD ACOUSTICS
141 West Jackson Boulevard
Suite 2080
Chicago, Illinois 60604
P 312.386.1400
F 312.386.1414
www.threshold.llc

The instruments were configured to record both background vibration conditions and transient vibration events associated with CTA train operations. Transient events were captured using a level-based trigger threshold of 0.005 in/s in each axis, with a pre-event recording duration of 4 seconds and a post-event duration of 10 seconds. Event data were stored in both broadband and one-third octave band formats.

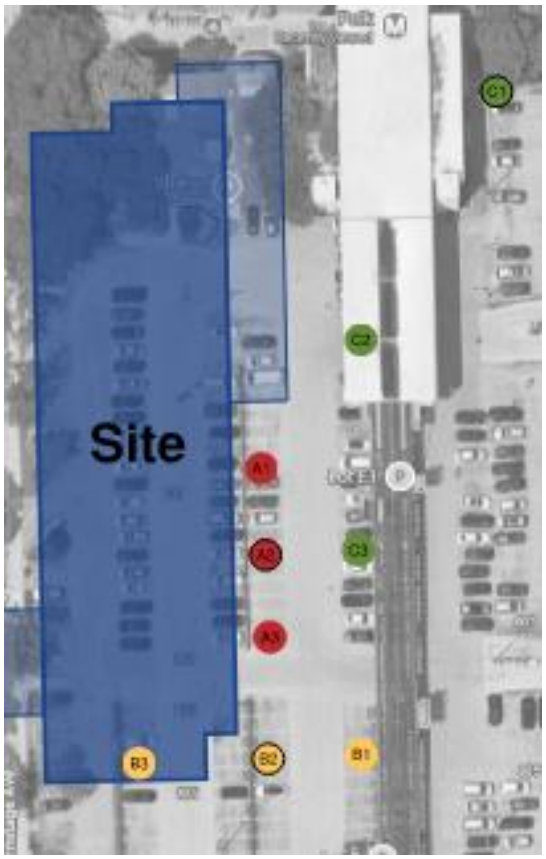
Between triggered events, background vibration levels were intermittently recorded to characterize ambient site conditions. Recordings were processed to compute RMS vibration velocity levels representative of steady-state conditions.

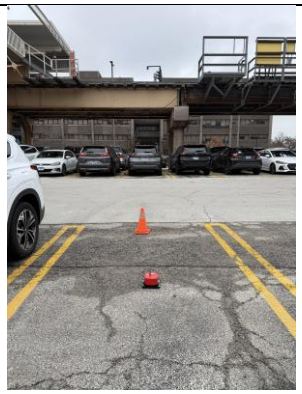
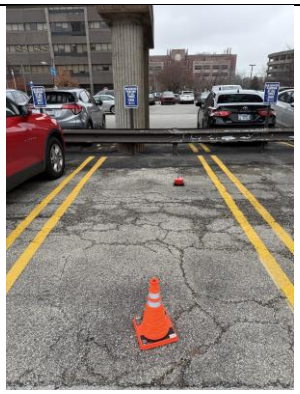
Airborne sound levels were recorded concurrently for contextual reference using a Brüel & Kjær 2270 sound level meter. Sound levels were logged at 1-second intervals and are presented solely to aid interpretation of vibration events and inform sound isolation considerations for spaces with windows facing the adjacent rail line; airborne sound data are not used for vibration design criteria evaluation.

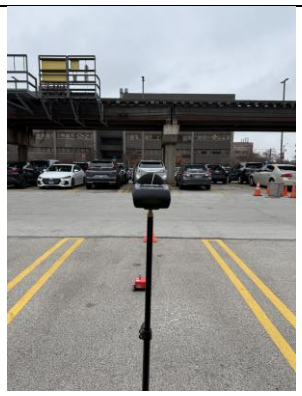
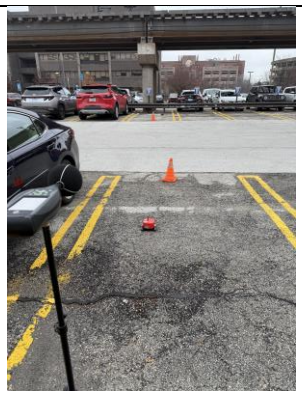
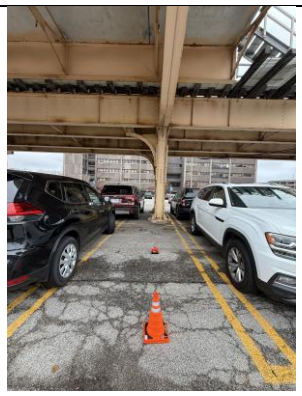
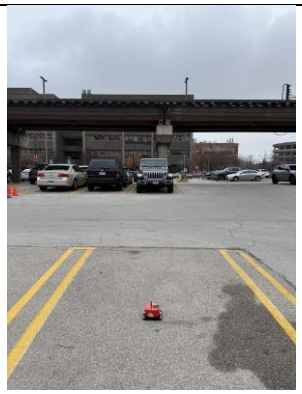
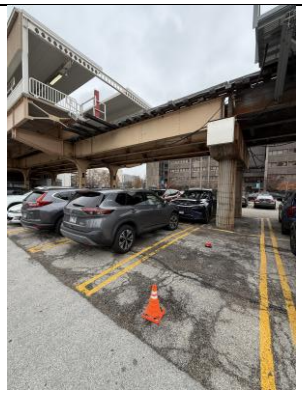
All vibration measurements were conducted at the surface of the existing concrete parking lot.

4 Measurement Locations

Vibration velocity levels were measured at 3 sets of different locations on the concrete lot, for a total of 9 unique locations. Set A had evenly spaced accelerometers along the line (North-South), Set B had evenly spaced accelerometers away from the line (East-West), and Set C had accelerometers placed at select locations where the train was stopped, accelerating/decelerating, and approaching full speed.



SET A	SET B	SET C
		
A1	B1	C1 (w/ mic)

 A2 (w/ mic)	 B2 (w/ mic)	 C2
 A3	 B3	 C3

5 Results

The measured vibration data represent existing surface conditions at the site prior to construction. Results are presented separately for background vibration levels and transient events associated with CTA train operations, including train passes, acceleration, deceleration, and idling conditions.

Evaluation of vibration criteria is based primarily on the vertical vibration velocity component, which typically governs rail-induced ground vibration transmission into building structures. Horizontal vibration components are included for completeness and are provided as supporting information.

5.1.1 Overview of Vibration Measurements

Vibration measurements were conducted at multiple locations within the project site to characterize existing ground-surface vibration conditions. Measurements were obtained at the surface of the existing parking lot using a tri-axial velocity transducer and recorded in one-third octave bands over the frequency range of approximately 1 to 315 Hz.

Two primary datasets were collected:

- Background vibration measurements, representing ambient conditions in the absence of identifiable transient vibration events.
- Event-based vibration measurements, triggered during identifiable vibration events associated with vehicular traffic and site activity.

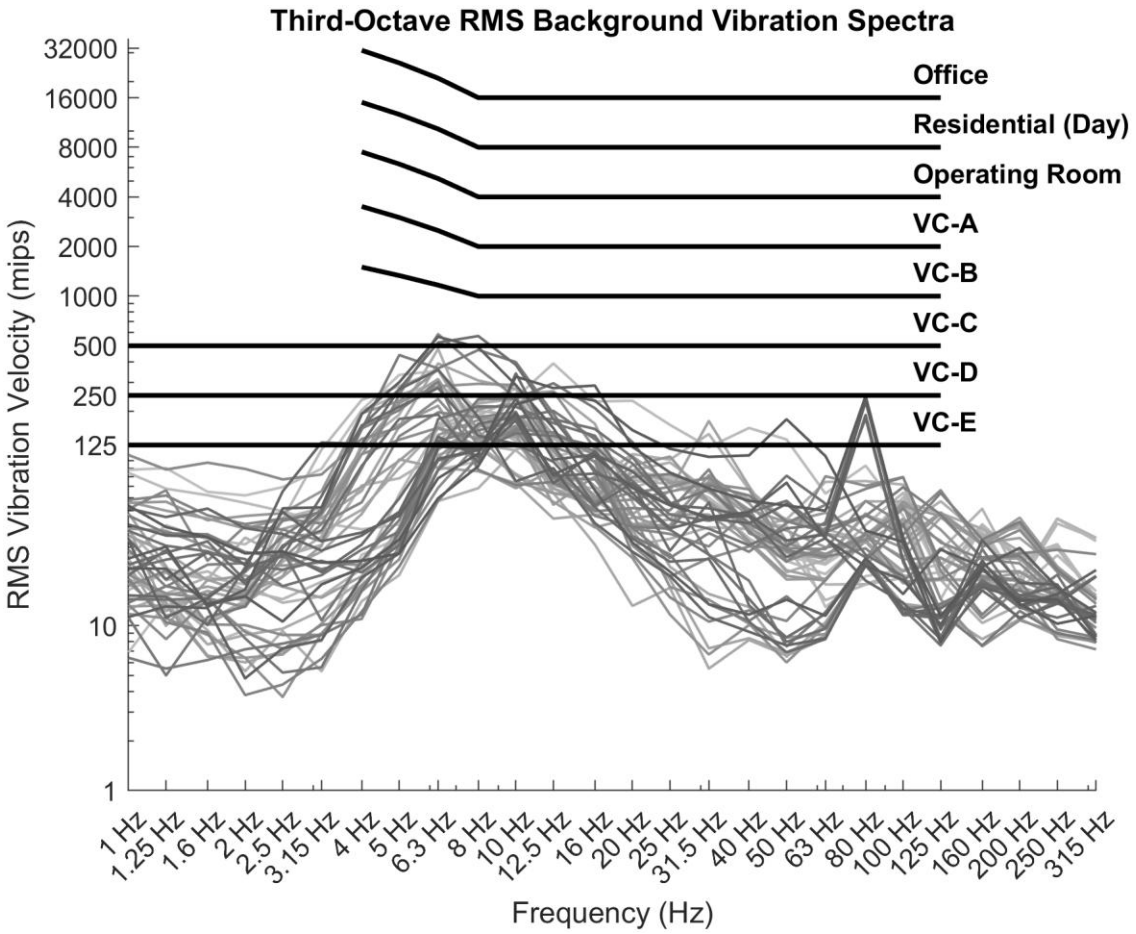
All vibration levels are reported as root-mean-square (RMS) vibration velocity, expressed in micro-inches per second (µin/s or mips), consistent with common vibration criteria conventions. Evaluation of vibration criteria is based primarily on the vertical vibration velocity component, which typically governs rail-induced ground vibration transmission into building structures.

5.1.2 Background Vibration

The following graph presents the third-octave RMS background vibration spectra measured at each location. Individual background spectra are shown in grey to illustrate variability.

Background vibration levels are generally low across the measured frequency range, with the majority of measured levels falling well below the most stringent vibration criteria (VC-D and VC-E). Slight increases in background vibration are observed in the range from approximately 3.15 to 16 Hz, which is typical of urban environments and is often associated with distant traffic and site activity.

Overall, background vibration conditions at the measurement locations are consistent with expectations for a surface parking environment and do not, by themselves, indicate elevated vibration concerns.



5.1.3 Event-Based Vibration Spectra and Upper Bound Envelopes

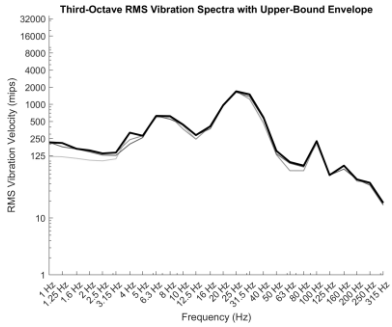
The following figures present the third-octave RMS vibration spectra associated with triggered vibration events at each measurement location. Individual event spectra are shown in grey, while the upper-bound envelope (defined as the maximum RMS vibration level observed in each one-third octave band across all events at a given location) is shown as a bold black line.

The upper-bound envelopes provide a conservative representation of site vibration conditions and are intended to support comparison with applicable vibration criteria.

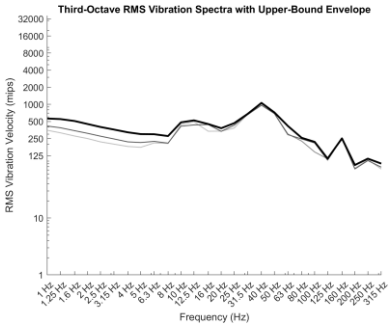
Across the measured locations, event-based vibration levels are characterized by:

- Elevated vibration levels in the low-to-mid frequency range (approximately 6.3 to 63 Hz), consistent with transit-induced ground vibration.
- Reduced vibration levels at higher frequencies (above approximately 100 Hz).
- Variability between individual events, reflecting differences in train direction, speed, proximity, and site conditions at the time of measurement.

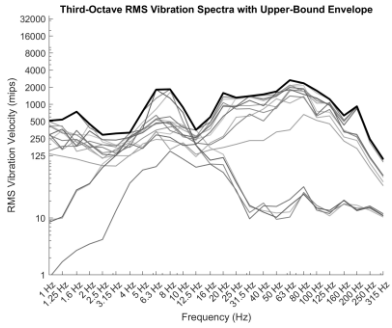
Set A – A1



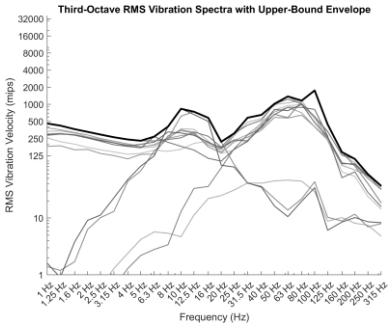
Set A – A2



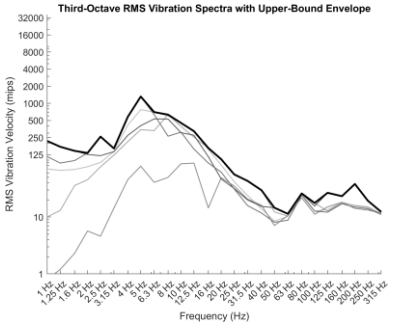
Set B – B1



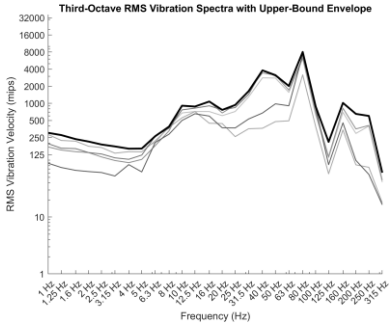
Set B – B2



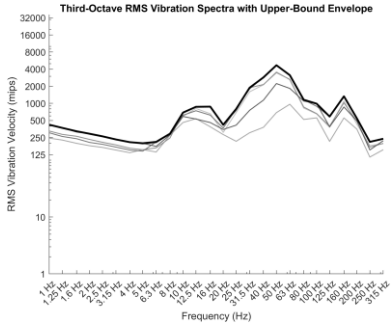
Set C – C1



Set C – C2



Set C – C3

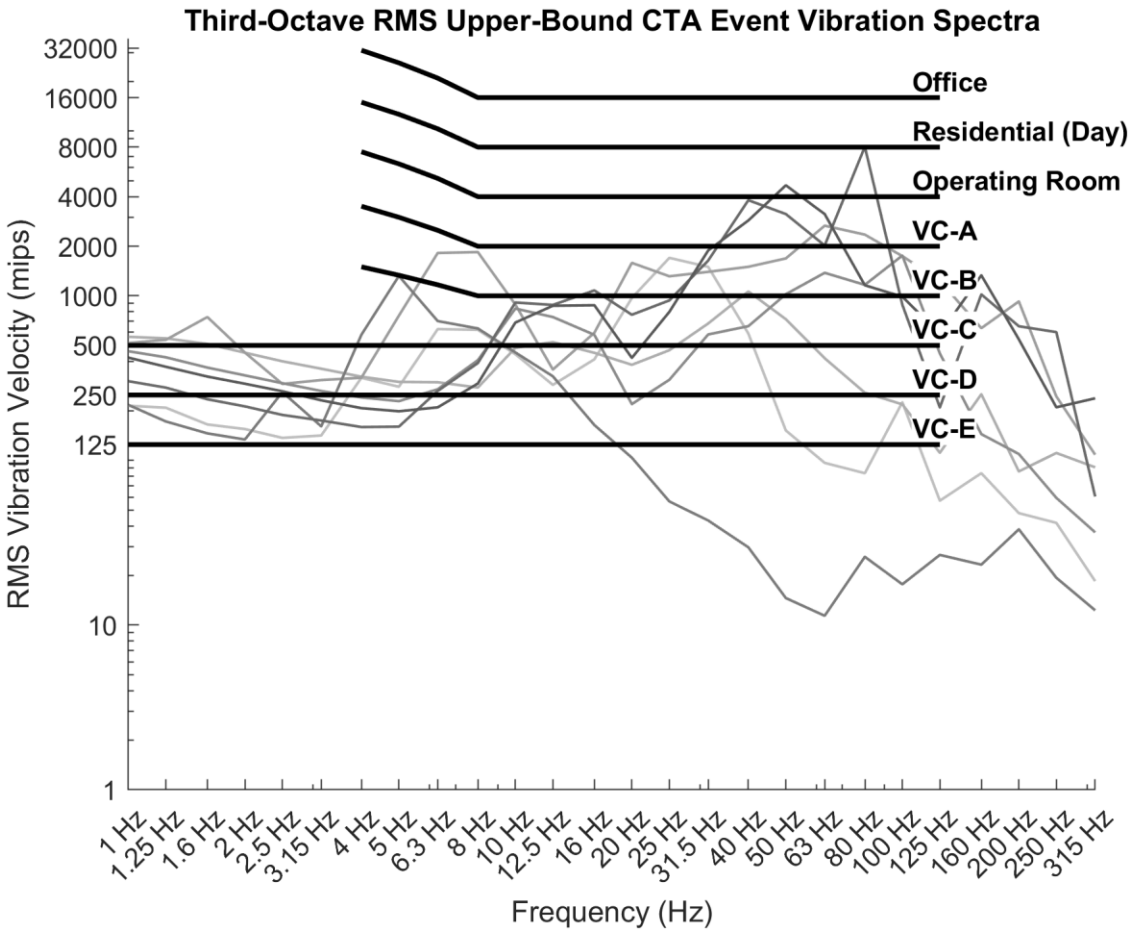


5.1.4 Comparison to Vibration Criteria

The following figure presents the upper-bound vibration envelopes plotted together with standard vibration criteria. Curves represent the maximum observed RMS value per frequency band across all measured event locations and are provided to inform vibration risk for sensitive spaces. Results are shown for reference relative to vibration criteria.

Transient vibration events were clearly identifiable in the data and corresponded temporally with observed CTA train activity.

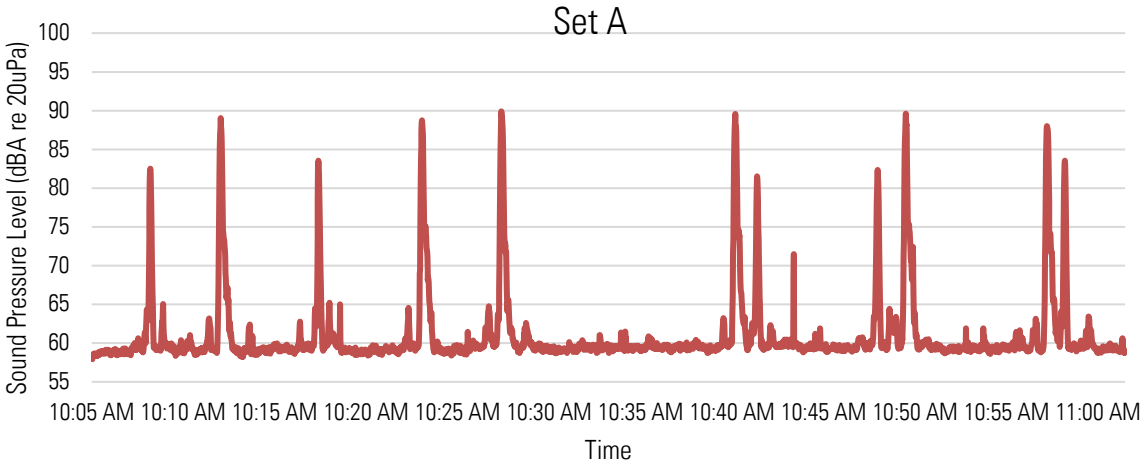
Measured surface vibration levels associated with CTA train operations mostly remain below the overall building vibration criterion of 4000 µin/s. However, upper-bound third-octave vibration spectra indicate that vibration levels in select low-frequency bands approach or exceed VC-B reference levels and significantly exceed VC-D/VC-E reference levels at the surface. These results indicate that spaces requiring VC-B and VC-D/VC-E performance will require dedicated vibration isolation measures and should not rely on existing ground conditions alone.

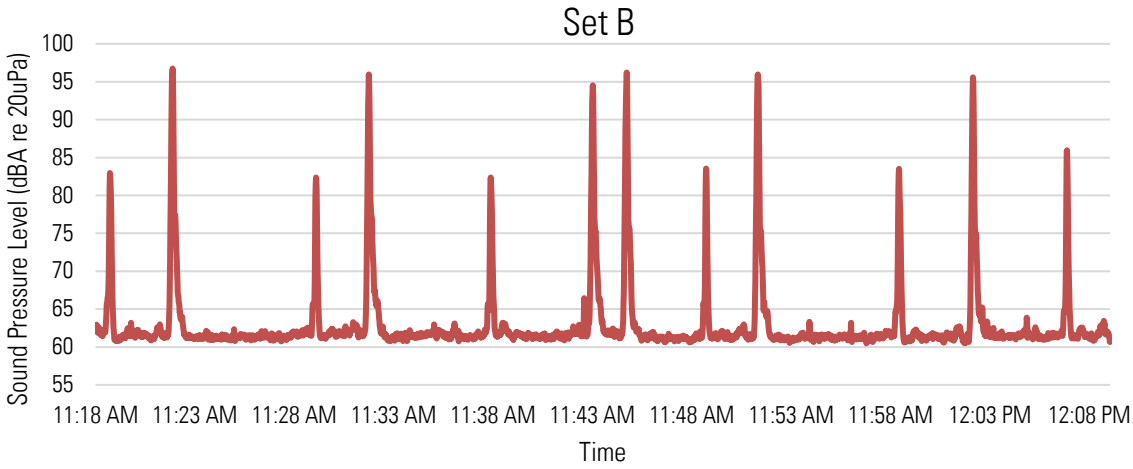


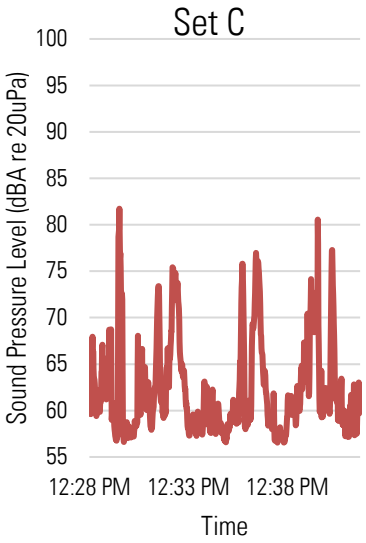
5.2 Airborne Survey

Airborne sound levels

Airborne measurements are shown below corresponding to each set of vibration measurements. Set A and B had the microphone placed at the second accelerometer location, and Set C had the microphone placed at the first accelerometer location. Results showed a steady background noise level around 60 dBA. Sets A and B differ slightly due to the change in location and proximity to nearby HVAC equipment. Set C was closer to traffic noise, which caused more fluctuations in background noise. All sets showed clear transient events caused by train passes. The loudest events occurred furthest from the station, which was partly caused by the covered structure of the station blocking sound levels. The loudest events occurred in Set B, averaging around 93 dBA, which was caused by accelerating trains running South.

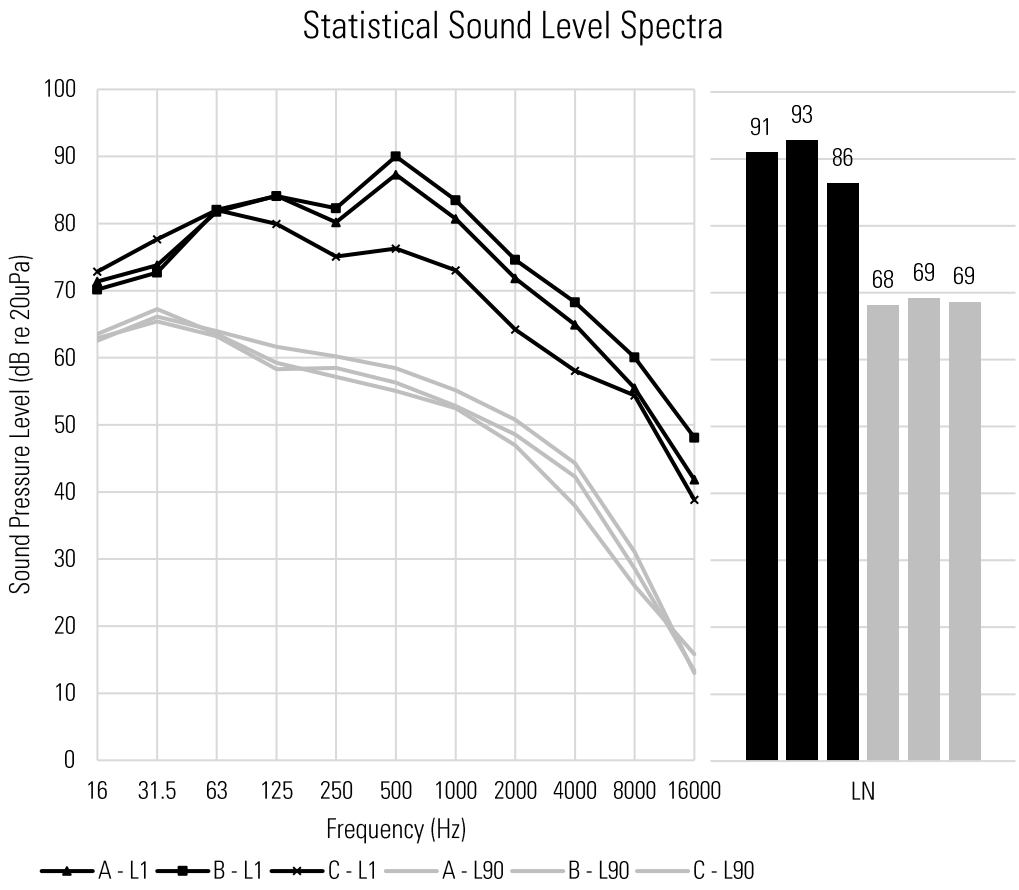

Set A
Sound Pressure Level (dBA re 20uPa)
100
95
90
85
80
75
70
65
60
55
10:05 AM 10:10 AM 10:15 AM 10:20 AM 10:25 AM 10:30 AM 10:35 AM 10:40 AM 10:45 AM 10:50 AM 10:55 AM 11:00 AM
Time


Set B
Sound Pressure Level (dBA re 20uPa)
100
95
90
85
80
75
70
65
60
55
11:18 AM 11:23 AM 11:28 AM 11:33 AM 11:38 AM 11:43 AM 11:48 AM 11:53 AM 11:58 AM 12:03 PM 12:08 PM
Time


Set C
Sound Pressure Level (dBA re 20uPa)
100
95
90
85
80
75
70
65
60
55
12:28 PM 12:33 PM 12:38 PM
Time

The following figure presents statistical sound level spectra for the airborne measurements collected for each measurement set. The 1% exceedance levels (L1) are the levels exceeded 1% of the measurement time and represent short-duration peak sound levels associated primarily with train pass events. The 90% exceedance levels (L90) are the levels exceeded 90% of the measurement period and are a typical approximation of ambient background sound conditions. The bar chart to the right summarizes the equivalent sound level for each location and statistical or exceedance level.

These results indicate that CTA train operations dominate the short-term airborne acoustic environment. The spectral distribution of the measured sound levels is useful for evaluating façade isolation requirements.



6 Observations

Measured vibration levels at the surface of the parking lot are low under background conditions and increase during CTA train events, particularly during periods of train acceleration and deceleration near the station. Variability between measurement locations reflects differences in distance from the tracks and the operational state of the trains at the time of measurement.

All measurements were conducted at grade on an exposed concrete surface and therefore represent existing surface conditions only. The proposed building will include a basement level, and vibration levels within the completed structure will depend on soil conditions, foundation type, structural stiffness, and the implementation of vibration isolation measures. As a result, the measured surface vibration levels should not be interpreted as a direct prediction of in-structure vibration performance.

Given the presence of vibration-sensitive spaces requiring VC-D/VC-E performance, follow-up vibration measurements during construction are recommended to characterize below-grade and in-structure vibration conditions. These measurements should be used to confirm design assumptions, assess changes in site conditions due to excavation and construction activities, and verify that structural vibration isolation strategies are appropriately engineered prior to finalization of sensitive space layouts and equipment installation.

6.1 Limitations

The vibration measurements presented herein are subject to the following limitations:

- Measurements were conducted at the ground surface on an active parking lot and do not represent vibration levels within the completed structure or at below-grade locations.
- Vibration conditions may change during construction due to excavation, alterations in ground stiffness, and structural coupling effects.
- The data are intended to inform design considerations and should not be used as the sole basis for final vibration isolation design without confirmation measurements during construction.

13.15 LEED SCORECARD

d

LEED v4 for BD+C: New Construction and Major Renovation

Project Checklist

Project Name: UIC Drug Discovery Center
Date: 3/12/26

Y	?	N			
1			Credit	Integrative Process	1

11	1	4	Location and Transportation		16
		16	Credit	LEED for Neighborhood Development Location	16
1			Credit	Sensitive Land Protection	1
		2	Credit	High Priority Site	2
4	1		Credit	Surrounding Density and Diverse Uses	5
5			Credit	Access to Quality Transit	5
		1	Credit	Bicycle Facilities	1
1			Credit	Reduced Parking Footprint	1
		1	Credit	Green Vehicles	1

5		5	Sustainable Sites		10
Y			Prereq	Construction Activity Pollution Prevention	Required
1			Credit	Site Assessment	1
		2	Credit	Site Development - Protect or Restore Habitat	2
1			Credit	Open Space	1
		3	Credit	Rainwater Management	3
2			Credit	Heat Island Reduction	2
1			Credit	Light Pollution Reduction	1

4	5	2	Water Efficiency		11
Y			Prereq	Outdoor Water Use Reduction	Required
Y			Prereq	Indoor Water Use Reduction	Required
Y			Prereq	Building-Level Water Metering	Required
1	1		Credit	Outdoor Water Use Reduction	2
3	1	2	Credit	Indoor Water Use Reduction	6
	2		Credit	Cooling Tower Water Use	2
	1		Credit	Water Metering	1

20	13		Energy and Atmosphere		33
Y			Prereq	Fundamental Commissioning and Verification	Required
Y			Prereq	Minimum Energy Performance	Required
Y			Prereq	Building-Level Energy Metering	Required
Y			Prereq	Fundamental Refrigerant Management	Required
6			Credit	Enhanced Commissioning	6
12	6		Credit	Optimize Energy Performance	18
1			Credit	Advanced Energy Metering	1
	2		Credit	Demand Response	2
	5		Credit	Renewable Energy	5
1			Credit	Enhanced Refrigerant Management	1

8	5		Materials and Resources		13
Y			Prereq	Storage and Collection of Recyclables	Required
Y			Prereq	Construction and Demolition Waste Management Planning	Required
3	2		Credit	Building Life-Cycle Impact Reduction	5
1	1		Credit	Building Product Disclosure and Optimization - Environmental Product Declarations	2
1	1		Credit	Building Product Disclosure and Optimization - Sourcing of Raw Materials	2
1	1		Credit	Building Product Disclosure and Optimization - Material Ingredients	2
2			Credit	Construction and Demolition Waste Management	2

9	5	2	Indoor Environmental Quality		16
Y			Prereq	Minimum Indoor Air Quality Performance	Required
Y			Prereq	Environmental Tobacco Smoke Control	Required
2			Credit	Enhanced Indoor Air Quality Strategies	2
3			Credit	Low-Emitting Materials	3
1			Credit	Construction Indoor Air Quality Management Plan	1
	2		Credit	Indoor Air Quality Assessment	2
1			Credit	Thermal Comfort	1
1	1		Credit	Interior Lighting	2
	1	2	Credit	Daylight	3
	1		Credit	Quality Views	1
1			Credit	Acoustic Performance	1

6			Innovation		6
5			Credit	Innovation	5
1			Credit	LEED Accredited Professional	1

3		1	Regional Priority		4
1			Credit	Regional Priority: Sp IEQ Enhanced Indoor Air Quality Strategies	1
1			Credit	Regional Priority: Sp MR Building Life-Cycle Impact Reduction	1
1			Credit	Regional Priority: Sp EA Advanced Energy Metering	1
		1	Credit	Regional Priority: Sp LT High Priority Site and Equitable Development	1

67	29	14	TOTALS	Possible Points:	110

Certified: 40 to 49 points, **Silver:** 50 to 59 points, **Gold:** 60 to 79 points, **Platinum:** 80 to 110