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HOK would like to recognize the efforts of the all that contributed to the content herein. Thank you.

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SECTION 01 - INTRODUCTION / EXECUTIVE SUMMARY

- 1.0 INTRODUCTION + PROJECT OVERVIEW
- 1.1- PROJECT VISION AND GOALS
- 1.2 PROGRAMMING PROCESS AND KEY COMPONENTS
- 1.3 RECOMMENDED PROGRAM SUMMARY



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INTRODUCTION

In late fall of 2020, The Illinois Capital Development Board engaged HOK to develop a programming report for a new Health Sciences Complex on the SIUE campus. HOK conducted the study to define the space needs and key adjacencies of the new building. The study spanned six months from mid-November 2020 to mid-May 2021. This report documents the findings and recommendations of that study and becomes an important tool in validating the space needs for a new Health Science Building that would aim to bring together the School of Nursing, the School of Pharmacy, and portions of the Applied Health department into a interprofessional health science education facility on a prime location on the SIUE campus.

PROJECT OVERVIEW

Southern Illinois University at Edwardsville (SIUE) is a major public institution, one of two main campuses in the Southern Illinois University system. The university enrolls over 13,000 students of which 10,400 are undergraduates. The campus was started in 1965 on 2,660 acres of former farmland. The campus is located approximately 30 minutes from downtown St. Louis.

SIUE offers Health Science education in three areas on the Edwardsville campus: Nursing, Pharmacy, and Applied Health. The programs are recognized for their comprehensive educational programs that include experiential learning, innovative simulation, interprofessional collaboration, research, and community outreach.

The School of Nursing at SIUE offers the following degrees: Nursing, Health Care and Nursing Administration, Nurse Educator, Nursing Practice DNP, Nurse Anesthesia DNP. Family Nurse Practitioner DNP. and a

post masters DNP. They currently occupy approximately 24,000 sqft in Alumni Hall. As a result of increased enrollments over numerous years, the School of Nursing has significantly outgrown their current space.

The School of Pharmacy at SIUE offers degrees in two areas: MS in Pharmaceutical Sciences, and a doctorate (PharmD) in Pharmacy. They currently occupy 33,000 sqft primarily in two buildings: buildings 200 and 220 University Park Drive. Similar to Nursing, Pharmacy has experienced program growth and has outgrown their current space. The two existing buildings do not optimally serve the program requirements and are in need of upgrading and renovation. Furthermore, the distribution of the Pharmacy program across two separate buildings severely limits interprofessional collaboration in teaching and research

The Public Health program at SIUE, part of the department of Applied Health, offers degrees in two areas: Bachelor of Science and a Master's degree in public health.

The Occupational Therapy doctorate program is a new degree offing being considered at SIUE through the department of Applied Health. The Doctorate in Occupational Therapy has not yet been fully approved by the chancellor, president of the SIU System, IBHE, or the Higher Learning Commission. If approved, the first year of the program is anticipated to be fall of 2024.

The scope of this study focused on the program development for new 221,000 gross square foot Health Science Building. This new facility will consolidate health science programs (Nursing, Pharmacy, Occupational Therapy, and Public Health) currently located in multiple locations around campus and provide much needed

growth in research, teaching and simulation space. Key activities included:

- 1. Exploration of a program statement defined around the needs of building occupants based on projected enrollment and faculty/staff demographics, SIUE space guidelines, functional utilization, and HOK's experience benchmarking similar spaces.
- 2. Development of a recommended program statement with a description of the activity by space, room diagrams of key spaces, and key room data sheets that capture building infrastructure requirements (mechanical, electrical, plumbing) needed to support the use.
- 3. Review and general assessment of existing buildings to serve the proposed renovation. Detailed analysis of building infrastructure or concepts for improvements are not included. That work will be part of the subsequent phase.
- 4. Assessment of the proposed site in the context of the campus master plan and other University wide considerations aligned with University planning and design guidelines and standards.

1.0 INTRODUCTION + **PROJECT OVERVIEW**

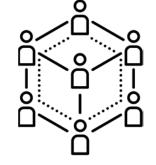
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GUIDING PRINCIPLES





Leadership in Health Science Education

Commitment to Interprofessional Education

Leverage Technology for

Experiential

learning

Expanding & showcasing Research & Discovery

Community focused outreach and engagement



Embodying Health & Wellness

PROJECT VISION AND GOALS

At the start of the study, HOK facilitated a visioning workshop with the SIUE/CDB Steering Committee to explore the key elements of success for this project. Through a series of participatory exercises, the following goals, objectives and guiding principles were identified for this project. The discussion centered around ways to leverage the strengths of the individual programs to create synergies in health sciences with the goal of enhancing collaboration among health professions for improved care delivery throughout the region.

- Goals and Objectives
 Co-locate Nursing, Pharmacy, and portions of Applied Health (Public Health and Occupational Therapy) into an interprofessional teaching and research center
- Preserve and enhance the identity of each school/department while also leveraging synergies and promoting collaboration
- Create a facility that is commensurate with the excellence in the academic mission
- Provide much needed growth in teaching, research, and simulation space
- Support the goal of attracting more nursing students to address the shortage of RNs and advance practice providers in the southeastern Illinois region
- Incorporate state-of-the-art pedagogy in the development of learning and simulation spaces
- Design for adaptability and flexibility of key spaces for changing curricula, pedagogy, and health science research
- Create an environment that evokes excitement and passion in the Schools, the University, and the community
- Develop a facility that embodies principles of stewardship of natural and university resources with a sustainability target of LEED Silver at a minimum

When asked to imagine what headlines the group would like to see in local/national news or trade publications after the completion of the building, the committee offered the following visionary statements which served as touchstones in the development of the recommended program statement.

- Headlines:
 "SIUE's Cornerstone Health Sciences Complex positions it at the forefront of Health Science Education"
- "SIUE responds to National nursing shortage with HS building that houses largest nursing simulation center in the Midwest"
- "SIUE takes the lead in urban healthcare"
- "Nurses and pharmacists trained at SIUE transform health outcomes in developing nations"
- "SIUE reemphasizes its commitment to quality health care education'
- "State-of-the-art facility is preparing to better the health of the region"
- "New, integrated approach to nursing and pharmaceutical care emerges from SIUE"
- "State-of-the-art SIUE simulation center partnering with community hospitals and healthcare agencies'



1.1 PROJECT VISION AND GOALS

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PROGRAMMING PROCESS AND KEY COMPONENTS

The programming process was designed to involve broad input and review from the multiple stakeholders including university leadership, campus facility management, representatives of the Illinois Capital Development Board, and key members of the schools of Pharmacy and Nursing and the department of Applied Health.

The programming process consisted of three rounds of meetings with the goal of defining the high-level vision and goals for the project as well as fact finding to define the space needs and key adjacencies. A Steering Committee visioning session was used to kick off the process followed by two rounds of user group meetings. The user group meetings were intentionally organized around thematic groupings vs existing departmental structure to better allow participants to explore opportunities for interprofessional health education synergies. The process of investigation was organized around seven (7) user group workshops, each of which met twice during the study:

- 1. Public & Amenity Spaces focused on common/shared spaces in the building
- 2. Classroom & Teaching Labs focused on classrooms of various sizes and teaching laboratories
- 3. Nursing and Simulation focused on clinical skills, standardized patient and simulation spaces
- 4. Research Labs focused on wet lab research, dry lab research and ideation spaces
- 5. Administration & Office Space focused on offices and meeting space for the Deans, administration, faculty, and staff
- 6. Community Engagement focused

on spaces where surrounding community comes to campus for assessments and research

7. Outside Stakeholders – focused on spaces that facilitate/host meetings and events with individuals and organizations outside the university

Using input from the workshops and applying both SIUE campus and industry standards to space allocation, HOK developed the space program. The space program was reviewed with the Steering Committee and then revised to reflect comments and priorities given the established space budget of 221,000 GSF. In parallel, HOK also conducted tours and gathered data on existing facility space allocation and utilization which informed the final recommendations of this report.



1.2 PROGRAMMING PROCESS & KEY COMPONENTS

RECOMMENDED PROGRAM SUMMARY

The recommended program reflects the curriculum, pedagogy and academic goals and vision for the new Health Sciences Building as discussed and refined during multiple steering committee and user group meetings. The program sets forth the governing ideology and spatial themes for the future Health Science Building at SIUE. In addition, the recommended program addresses the key needs and issues facing each program that will be part of the Buildina.

Nursing: The program recommends much needed growth in classroom instructional space, experiential learning simulation space and faculty and administrative office space. This growth will better serve current students and will position the school to grow its enrollment to address the demand for both more nurses and nurse educators in Illinois and the region.

Pharmacy: the program recommends much needed growth in research space, classroom and experiential learning space, as well as a faculty and administrative space. The program also recommends creating a new research vivarium to support health science research at SIUE.

Public Health: the program recommends necessary classroom and office space as well as a new Epidemiology lab to support departmental research. The administrative space includes a meeting room and hoteling/touchdown space to support collaborations with other Applied Health colleagues located on the main campus.

Occupational Therapy: the program recommends the necessary classroom. class lab and office space needed to create a new doctoral program in Occupational Therapy and locates it in the same building

as the School of Nursing to support collaboration between the two program.

The following is a summary overview of the recommended space program. In support of the larger goal of creating an interdisciplinary health science education facility that leverages synergies between academic programs, the space needs are organized by activity, not by department. A detailed tabular and graphic program can be found in section 3 of this report:

Program Categories	Area
Public & Amenity	7,325 nsf
Classrooms & Teaching Labs	43,970 nsf
Nursing / Medical Education Simulation	20,075 nsf
Research Laboratories	19,820 nsf
Workplace / Office / Administration	31,515 nsf
Building Support and Logistics	<u>1,130 nsf</u>
Total program area (NSF) 12	23,835 NSF

Total building gross area (GSF) 221,134 GSF (56:44 net to gross ratio)

The recommendations of this study define a consolidated interprofessional health science education center that provides much needed growth for teaching, research, and nursing/medical education simulation. Furthermore, this study serves to define a new Health Science Building that will allow SIUE and the SIU System to expand its leadership in health science education in southern Illinois and beyond with a goal of improving the overall health of citizens throughout the area.



1.3 **RECOMMENDED PROGRAM SUMMARY**

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SECTION 02 - EXISTING CONDITIONS + SITE ANALYSIS

2.0 - EXISTING CONDITIONS

2.1 - SITE ANALYSIS

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OVERVIEW

As part of the programming study, HOK conducted a high level building assessment to understand the character and use patterns of the SIUE campus as it relates to the new Health Science Building.

The analysis reviewed the existing space and functional adjacencies for Nursing and Pharmacy in order to inform the recommendations of the this report. The intent was to learn what current conditions are working well and should be carried forward into the new facility as well as those conditions that need to be fixed or not replicated.

As part of the process, HOK conducted walk-throughs of Nursing space in Alumni Hall and Pharmacy space in Building 200 and 220 University Park Drive .

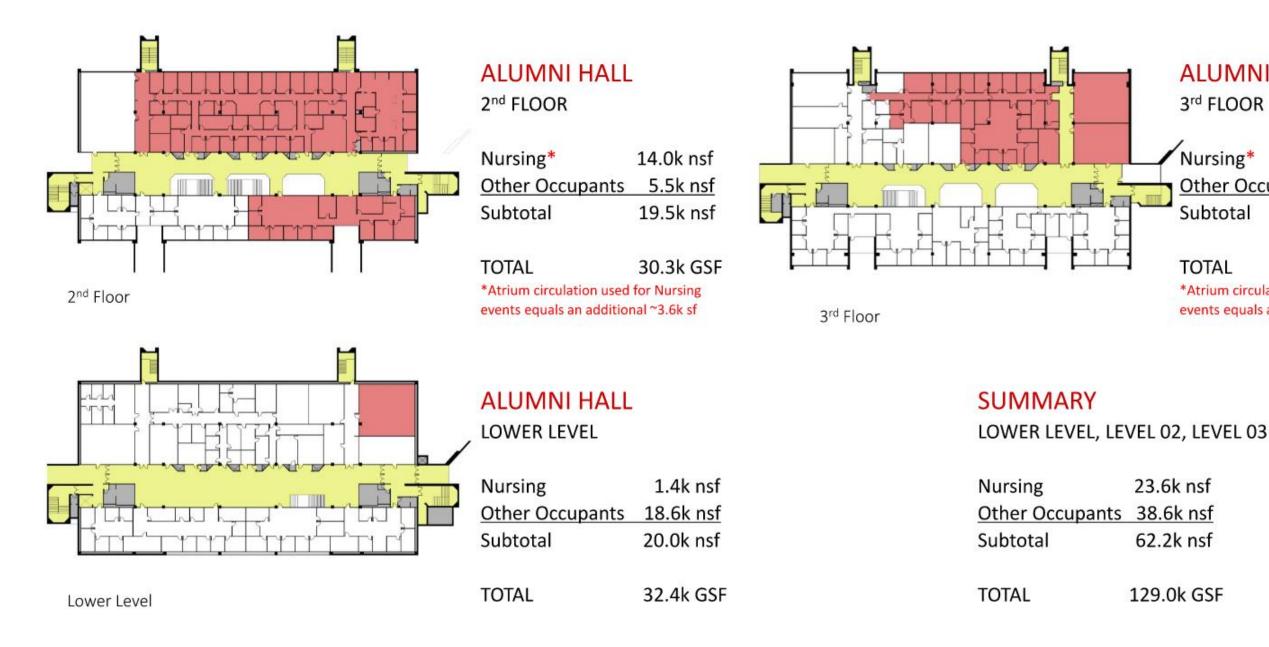
The existing condition observations that follow are meant to also serve as reference materials for the team as the design advances.

2.0 EXISTING **CONDITIONS**

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EXISTING BUILDINGS AREAS – ALUMNI HALL



ALUMNI HALL

3rd FLOOR

, Nursing*	8.2k nsf
Other Occupants	14.5k nsf
Subtotal	22.7k nsf

TOTAL

34.4k GSF

*Atrium circulation used for Nursing events equals an additional ~3.5k sf



NURSING PROGRAM **IN ALUMNI HALL**

Currently the School of Nursing is primarily located on the 2nd and 3rd floors of Alumni Hall. In addition to that space, they also schedule seminar and lecture classes in multiple buildings on the core campus. SIUE has a cadaver lab, located at the SIU School of Dental Medicine campus located in Alton, IL that is used by multiple programs including Nursing.

Nursing space in Alumni Hall includes classroom, class lab, simulation space, dry research space as well as both faculty offices and administration space. The building is well served by adjacent surface parking.

Alumni Hall has a center atrium that connects multiple floors. The School of Nursing uses that space on the 2nd and 3rd floors for recruitment and other public events as well as student poster sessions. While not officially assigned to Nursing, that atrium space is an important resource for the School.

Based on the team's walk through tour, HOK noted the following issues and challenges that would need to be addressed in the design of the new Health Science Complex:

Key Take-aways from Existing Space Tours:

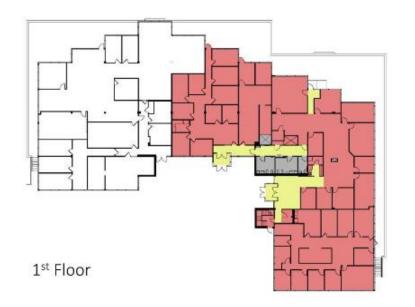
- Overcrowded office space and disconnected office zoning due to lack of space
- Alumni Hall atrium used for many program activities (not always counted in sqft)
- Undersized skills labs and simulation space, lack of storage support
- Student time in simulation and labs capped due to lack of space
- Supply and file storage in hallways Nursing classroom space in multiple building across campus

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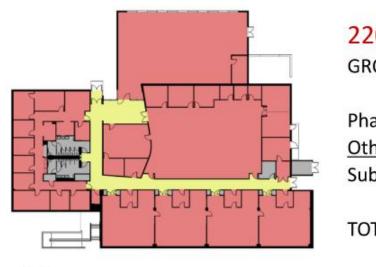
EXISTING BUILDINGS AREAS - 200/220 UNIVERSITY PARK



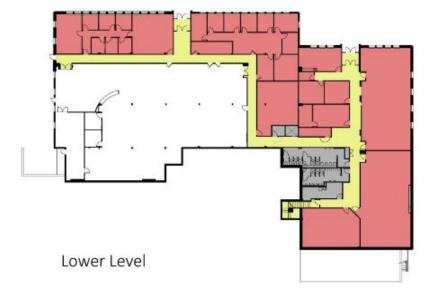
200 UNIVERSITY PARK

1st FLOOR

Pharmacy	8.3k nsf
Other Occupant	6.8k nsf
Subtotal	15.1k nsf
TOTAL	18.5k GSF



1st Floor



200 UNIVERSITY PARK LOWER LEVEL

Pharmacy	9.8k nsf
Other Occupant	6.9k nsf
Subtotal	16.7k nsf
TOTAL	21.9k GSF

SUMMARY	
ALL LEVELS	
Pharmacy	33.1
Other Occupant	13.7k
Subtotal	46.8
TOTAL	59.0

220 UNIVERSITY PARK GROUND LEVEL

armacy	15.0k nsf
her Occupant	0.0k nsf
btotal	15.0k nsf

TOTAL 18.6k GSF

.k nsf <u>k nsf</u> 8k nsf

59.0k GSF





PHARMACY PROGRAM IN BUILDINGS 200 & 220

Currently the School of Pharmacy is primarily located in two buildings on University Park Drive (building 200 and 220). In addition to that space, they also schedule classes in the nearby Technology Management Center and have a small research lab located int the Biotechnology Laboratory Incubator.

Pharmacy Space in the two buildings includes classroom, class lab, simulation space, research space as well as both faculty offices and administration space. The building is well served by adjacent surface parking.

Portions of Building 200 are currently occupied by other University programs. Moving forward, the expectation is that the space will be available to help accommodate the recommended program for the new Health Science Complex

Based on the team's walk through tour, HOK noted the following issues and challenges that would need to be addressed in the design of the new Health Science Complex:

Key Take-aways from Existing Space Tours:

- Overcrowded research lab space, undersized lab support and vivarium
- Overcrowded / disconnected faculty and staff offices
- Building 200 and 220 not well connected currently - Skills Labs and Simulation Spaces are separate making workflow difficult
- The two levels of Building 200 not well connected currently
- Wayfinding issues within building 200
- No School-wide gathering space
- Logistical issues with trash/loading area



SUMMARY

A high level site analysis was conducted as part of the this study to identify key issues that might impact the recommendations of the space program. The focus of the analysis was the pattern use of the campus as it relates to opportunities and constraints for developing a new Health Science Building at the south end of the SIUE campus.

HOK reviewed campus plan information supplied by SIUE including the most recent master plan update. The team also conducted several site visits to observe and record relevant contextual information including:

- Site context
- Site visibility
- Location relative to core campus and key student and faculty destinations
- Pedestrian/vehicular circulation and access
- Space constraints and potential for growth
- Överall adherence to the campus master plan

The proposed location for the new Health Science Building is a prime 12-acre site along University Park Drive and South University Drive at the south entry to campus.

The site includes two existing buildings that are primarily occupied by the School of Pharmacy. The new Health Science Building is anticipated to be a combination of new construction and renovation of existing two buildings.

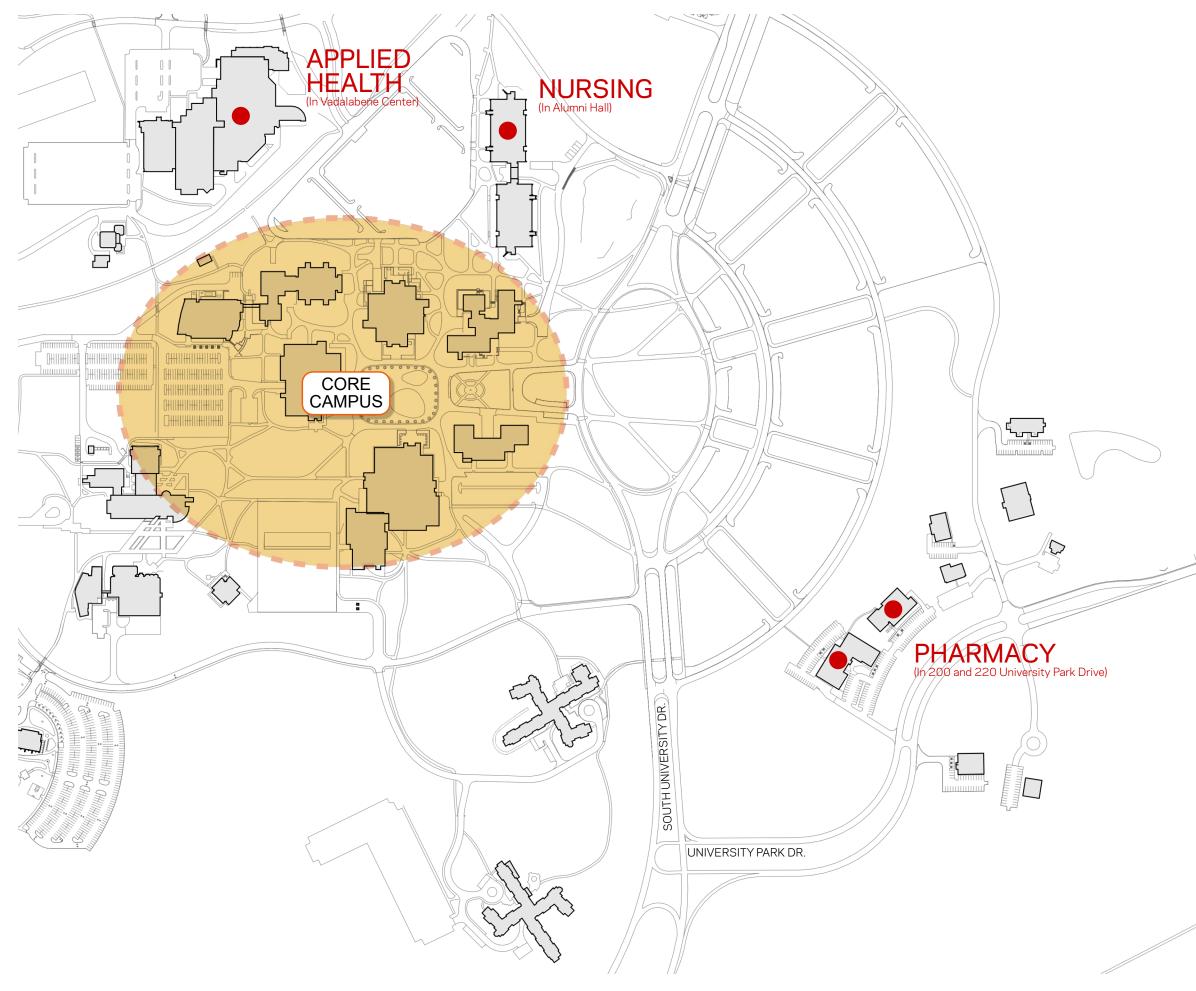
Surface parking is directly adjacent to the site and can help support this project. Alternately, some surface parking could be relocated and portions of the fan shaped could lot be used as an "Alternate Development Zone." The project is envisioned to be part of the greater campus and related in scale, context and materials to the main campus and respect the framework of the original 1960's master plan and subsequent updates. In the future, this precinct of campus is imagined to expand northward as indicated by the "Future Development Zone," as indicated on the following page.

The location of the project presents an opportunity to further enhance the campus character and qualities by creating a visible landmark for the campus as well as creating an opportunity for a new campus entrance.

The following pages summarize our key finding as it relates to the recommended space program for the new Health Science Building.



2.1 SITE ANALYSIS

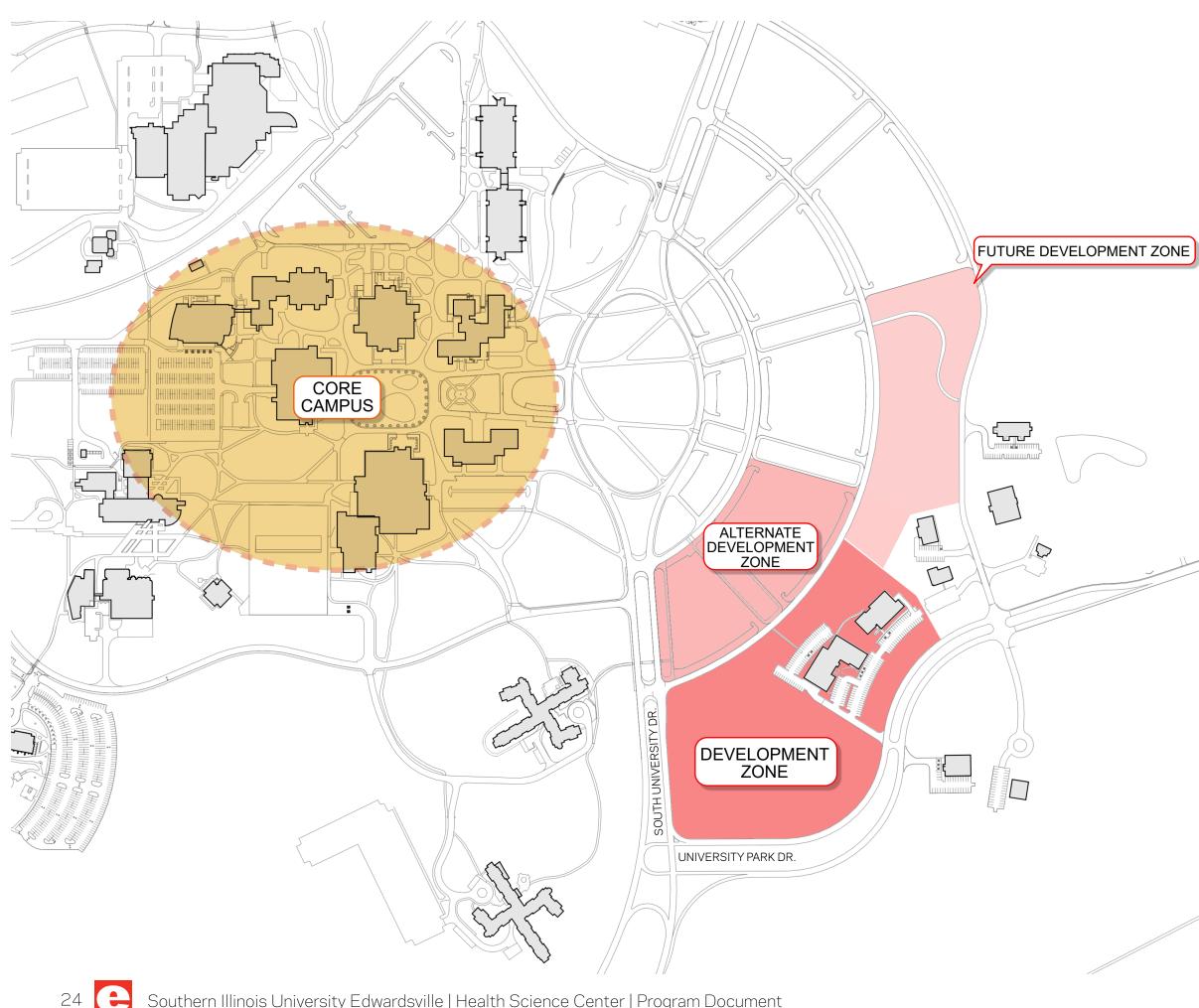


EXISTING CAMPUS PLAN

Map showing core campus in relation to the current locations of the Nursing, Pharmacy and Applied Health. Currently health science programs at SIUE are dispersed and lack desired consolidation.

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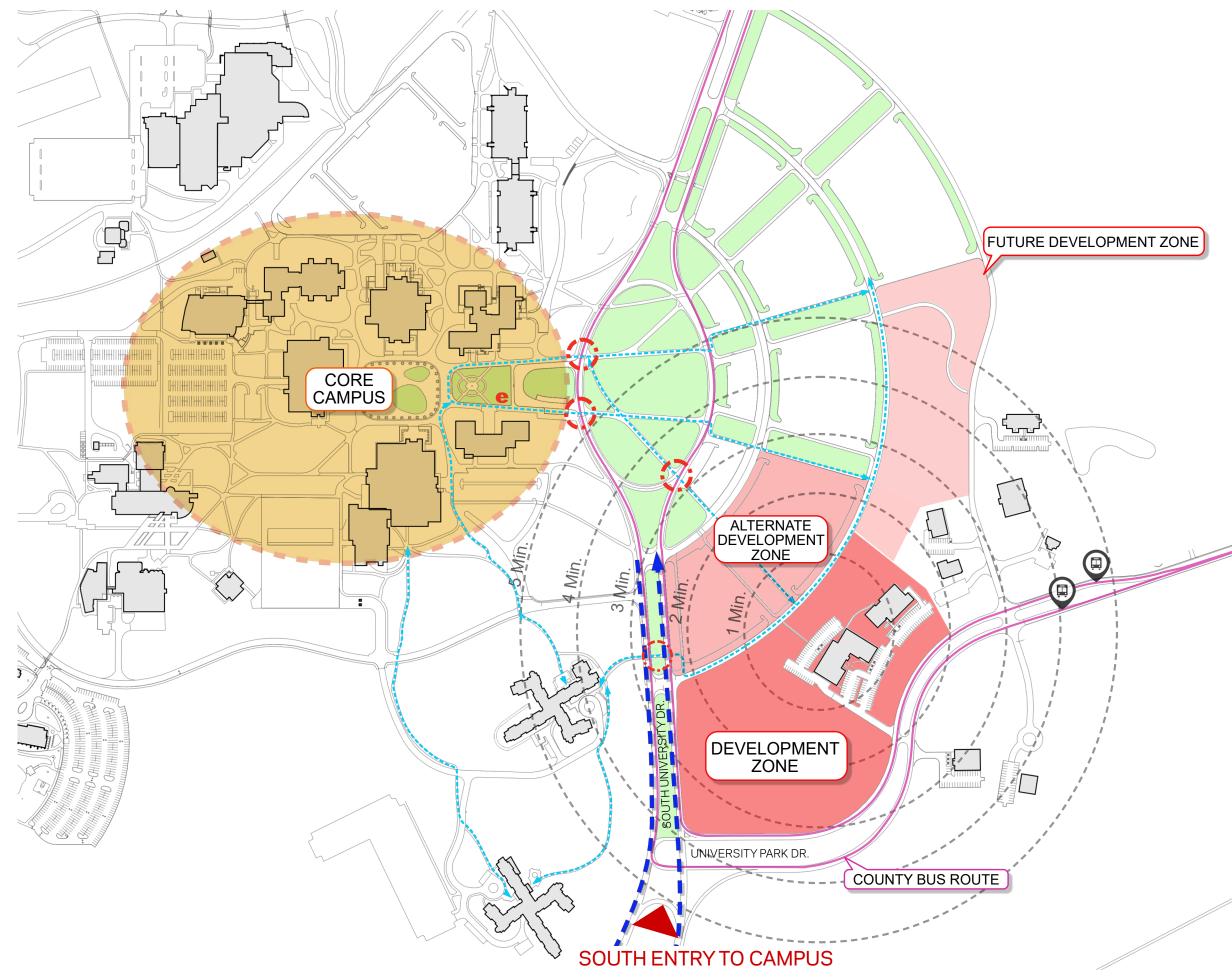




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CORE CAMPUS & DEVELOPMENT ZONE

Map showing 12-acre development site as well as possible alternate development zone for the Health Science Building. Future development of this area of campus is shown to the north.



PEDESTRIAN AND VEHICULAR CIRCULATION

Map showing pedestrian and vehicular circulation and key crossing points.

••	Pedestrian Circulation
	Vehicular Circulation
+ +	Primary Access
	Walking Distances
0	Key pedestrian/ vehicular crossing points



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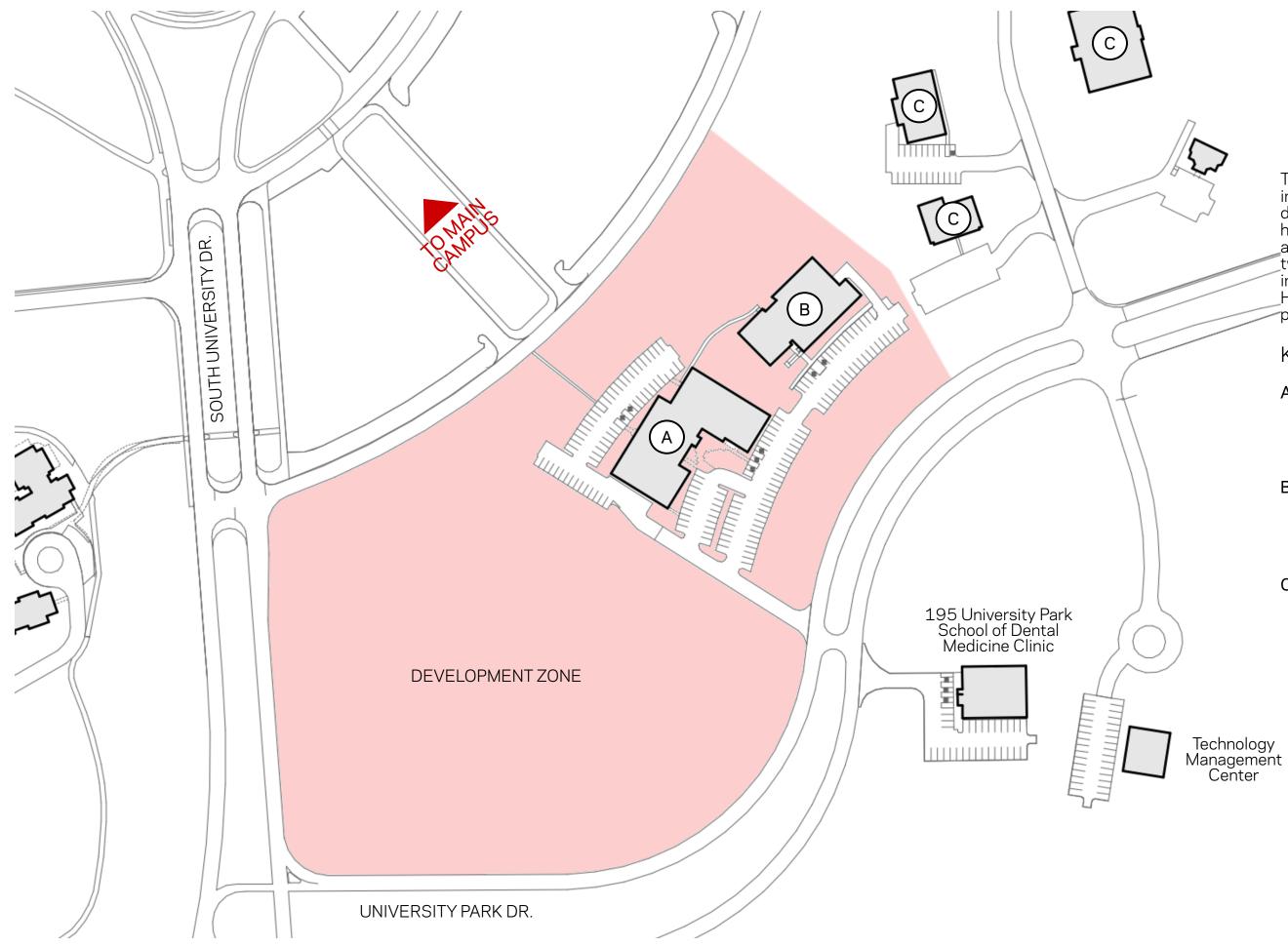








EXISTING SITE AND CAMPUS VERNACULAR



DETAIL PLAN

The Detailed plan shows the immediate context around the development zone and highlights the space capacity and parking resources of the two existing buildings that are intended to be part of the Health Science Building project.

KEY:

- A= 200 University Park Number of Levels: 2 Building Area: 40.4k GSF Parking Stalls: 130
- **B**= 200 University Park Number of Levels: 1 Building Area: 18.6 GSF Parking Stalls: 37
- **C**= Non-University Businesses







SECTION 03 - PROGRAM

- 3.0 PROGRAM OVERVIEW
- 3.1 PROGRAM SUMMARY
- 3.2 PROGRAM COMPONENTS / TABULAR SPACE NEEDS
- 3.3 TYPICAL ROOM PROTOTYPES AND DATA SHEETS







SCHOOL OF NURSING



SCHOOL OF PHARMACY



SCHOOL OF PUBLIC HEALTH

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SCHOOL OF OCCUPATIONAL THERAPY

PROGRAM OVERVIEW

The new Health Sciences Building is expected to have far reaching, positive impacts on the health and welfare of people in the region. To this end, the building's program is conceived to accommodate continued growth of the School of Nursing, School of Pharmacy, Public Health and Occupational Therapy and enable ongoing/ future collaborations with clinical partners in the community to enhance its simulation capabilities.

The building Program sets forth the governing ideology and salient spatial themes for the future Health Sciences Building for SIUE. Its content is intended to communicate the qualitative, quantitative, spatial and sustainable outlook developed by HOK while working closely and collaboratively with key stakeholders, departmental leaders and faculty members.

Another key purpose of this Program is to identify the parameters and requirements to be achieved during the design process and should be used as the cornerstone for the design bridging documents of the future building.

3.0 PROGRAM OVERVIEW

PROGRAM SUMMARY

The program of the building reflects the curriculum, pedagogy, and academic goals of the new Health Sciences Building as expressed and discussed during the programming meetings.

Programmatic spatial needs are tracked by activity and space type to identify synergies. This program is composed and tracked in

the following buckets:

- A. Public & Amenity Spaces Comprising spaces that are common/shared by most occupants of the building B. Classrooms & Teaching Labs-
- Comprising scheduled classrooms and teaching labs of various sizes
- C. Nursing Med Ed/ Simulation-Includes Simulation, Task training and Standardized Patient spaces as well as offices and workspaces for the same.
- D. Research & Labs- Constitutes a listing of all wet and dry research laboratories and support spaces. A vivarium and animal research is planned for as well.
- E. Workplace & Administration-Offices for the Deans, faculty, administration, staff etc.
- F. Logistics, Building Support & Systems- Spaces for building infrastructure, supplies, waste and storage.

Below is a summary of the recommended program by academic grouping as well as space type. The total assignable sqft equals 123.8k NSF. School specific space accounts for approximately 60% while shared interprofessional space makes up approximately 40% of the NSF program. An appropriate utilization rate for this building

typology is 56% which allows for adequate mechanical, electrical, plumbing, restrooms, building support, as well as public circulation and informal collaboration spaces in keeping with guiding principles and program drivers. The resulting total project size is 221,134 GSF.









3.1 PROGRAM **SUMMARY**





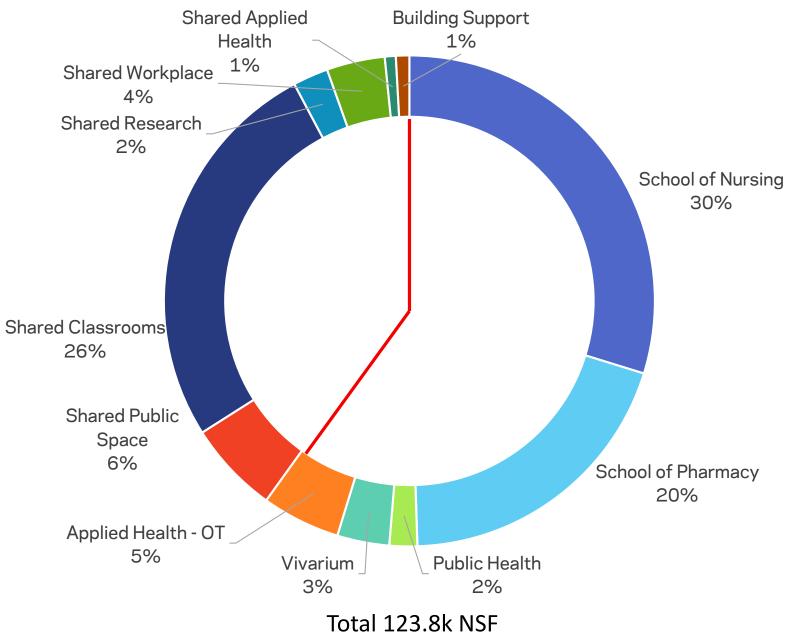




PROGRAM OVERVIEW By Academic Group

Program ~ 221,135 GSF

- School of Nursing
- School of Pharmacy
- Vivarium
- **Public Health**
- Occupational Therapy*
- Shared Public, Classrooms, Research, Workplace

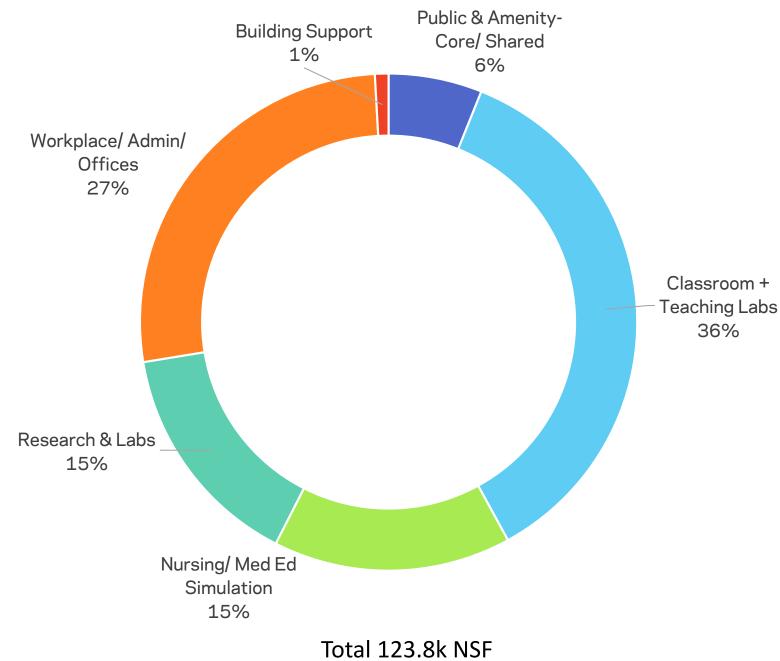


* The Doctorate in Occupational Therapy has not yet been fully approved by the chancellor, president of the SIU System, IBHE, or the Higher Learning Commission.

PROGRAM OVERVIEW By Space Type

Space Type Category	NSF
 Public & Amenity – Core/Shared 	7,325
 Classroom + Teaching Labs 	43,970
 Nursing/ Med Ed Simulation 	20,075
 Research & Labs 	18,260
 Workplace/ Admin/Offices 	33,075
 Building Support* 	1,130
Grand Total 123,835	
Program 221,134 GSF	

* The Doctorate in Occupational Theory has not yet been fully approved by the chancellor, president of the SIU System, IBHE, or the Higher Learning Commission.



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PROGRAM COMPONENTS

A. PUBLIC & AMENITY

Research has shown that a significant component of student learning happens outside of the formal classroom. Chance meetings between students, staff, and faculty have proven to be an important component of learning. For these and many other reasons, amenities for students, faculty and staff are a critical part of the building. The program for this building includes various public spaces where this can occur.

The lobby of the building should provide a welcoming entry and identity to the building and allow for multipurpose use. When considered in conjunction with a prefunction space, events of substantial scale could be hosted here. It should also be considered as spill over space for the large classroom.

Central to the program is the idea of a Student Commons or hub; a space for socialization, interaction and collaboration. This should have diverse furniture that can facilitate relatively quiet zones to interaction amongst a small group of people.

A student lounge should be provided with easy access to a kitchenette and comfortable, durable furniture that fosters collaboration, relaxation and respite.

A small healthy food option is envisioned in the public areas of the building to provide a source of sustenance for all occupants in addition to a catering kitchen and staging area to support planned events.

B. CLASSROOMS & TEACHING LABS

The new classrooms and teaching labs in the building will support the consolidation and departmental growth of the new Health Science Building. These are "state of the art classrooms" and will provide opportunity for robust teaching and learning experiences.

These new spaces will be more important than ever due to the high level of audiovisual technology in the rooms. Instructional technology will be critical for the success as more and more students will need to be connected virtually.

LARGE CLASSROOM

There is a large multipurpose classroom seating 100 in total. Envisioned as a space that can be combined into groups of 100 people into a larger 200 person or even a cluster of 400 people; this space is a forward thinking, innovative, flat floored classroom designed for current pedagogies with small groups and plenty of AV around the room.

This space will morph interchangeably between a traditional front facing lecture typology into small group setup as well as banquets and conventions.

Sound mitigation is critical here. Vertical operable partition with high acoustical properties was identified as a high priority by SIUE.

MEDIUM AND SMALL CLASSROOMS

Medium sized classrooms are also flat floored rooms with an operable partition between them. These classroom will be able to hold 50 students and double up to hold 100 people when the operable wall is opened up.

Small classrooms are designed for cohorts up to 30 students.

These spaces will primarily be used for lecture and class work and group work in clusters of 5-8. Each room will have flexible furniture - movable tables, likely rectangular, and chairs with casters. Each will have a front wall for presentations but also several projection screens around the room for group work and a more active learning environment.

SMALL GROUP ROOMS

Small group teaching atmosphere is fast becoming a primary method of teaching. The

seminar rooms will house 10 persons each. These rooms are versatile in nature, serving the needs for small group teaching, group study spaces, meeting/ breakout rooms and practice rooms.

These spaces can be utilized for small group instruction as part of an organized curriculum and schedule, and can later be used by students as group study spaces.

Acoustical privacy and speech acuity are of prime importance in all classrooms and teaching spaces and a high degree of care must be undertaken to ensure this criterion is maintained.

TEACHING LABS

The program includes specialized labs offering active, hands-on learning around compounding, pharmaceutical sciences, pharmacy skills and practices. Encounter rooms are provided to simulate real life practice to learners.

Large flexible labs will be provided for first and second year Occupational Therapy students equipped with plinths and treatment tables rehabilitation etc. These labs must have optimal space to allow gait studies, mobility devices and be flexible and allow both a lecture as well as hands-on learning.



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3.2 PROGRAM COMPONENTS / TABULAR SPACE **NEEDS**

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C. NURSING SIMULATION

Experiential Learning Labs are a vital component of the program, in keeping with the nature of the building. Apart from Simulation, Task Training and Standardized Patients' areas, there are also storage and support spaces to ensure smooth functioning of these spaces.

STANDARDIZED PATIENT SPACES

There will be a fully equipped suite with mock physical assessment/ exam rooms with dual circulation corridors - one for standardized patients and faculty and other for students. A faculty monitoring room will be provided with a bank of monitors for remote monitoring of each of these rooms. A Telehealth teaching lab is planned to equip learners for the future of healthcare.

SIMULATION

There will be a total of 8 in-patient simulation rooms designed for hi-fidelity manneguins. 4 of these are larger and can be used to simulate an intensive care unit, operating room etc. Three of these are smaller and will primarily be med-surg rooms. All rooms should be flexible and can adapt to various scenarios. Each patient room will be directly adjacent to a control room connected by a one-way viewing mirror glass window allowing instructors and staff to control manikins and monitor simulations. Light in the control room should be dimmable to ensure optimal use. There is a simulation room for external partners use as well as a large demonstration/ simulation viewing room that can accommodate up to 48 observers. An AR/VR Immersion room will include a digital dissecting/ digital anatomy table

A 'Home Health' suite will simulate a residential environment and will be used extensively in a multi-purpose fashion. It shall have an area equipped to train learners in a mock living, dining area, bathroom and kitchen. This space will be shared with Occupational Therapy to instruct students in "Activities of Daily Living".

There will be a total of five debriefing rooms. These will have reconfigurable furniture and facilitate video monitoring/ replay of each of the simulation rooms as well as exam rooms.

TASK TRAINING

SIUE envisions having three state-of-the-art 4 bed spaces for basic task training as well as for acute care training. These spaces will be configured in modules/ groups in which each 'pod' will host a bed, a hand washing sink, headwall and a curtain. The space should be large enough to accommodate movable tables for reports. Strategically placed electrical outlets, flat screen monitors and storage is critical.

D. RESEARCH LABS

Research at the new Health Sciences Building will be thematic, interdisciplinary and translational in nature with shared, open labs, support and specialty equipment spaces around the new vivarium.

The School of Pharmacy engages in in varied research and scholarship efforts, including laboratory-based studies, clinical and translational research, and the scholarship of teaching. The Department of Pharmacy practice engages in research designed to evaluate safety, efficacy and patient outcomes associated with medication use in numerous clinical areas. A major focus in the Department of Pharmaceutical Sciences is drug design and discovery complimented by computational analysis.

The laboratories will be designed to accommodate a range of inter-disciplinary research and experimentation ranging from fundamentals in the realms of chemical, medicinal, biological sciences to vastly complex cross disciplinary animal research. In order to accommodate the future faculty and enable an evolving research program the laboratory must be modular, flexible and adaptable.

Labs should be designed with a robust infrastructure and diversity. The level of flexibility and full scope of infrastructure requirements should be determined early in design phases.

There will be many spaces that will be equipment heavy, smaller labs; specialized in function and varied in use. These will house equipment ranging from chemical fume hoods, bio safety cabinets, laminar hoods, environmental chambers, autoclaves etc. Ensure adequate ventilation and infrastructural requirements for these specialty spaces are considered in design and construction.

Ample informal collaboration areas and meeting rooms of various sizes should be strategically located near entrances to lab spaces to foster a culture of collaboration.

Flexible, adaptable pre-wired, pre-plumbed laboratory grade casework should be used for the project to ensure maximum flexibility in the labs.



VIVARIUM

A new, shared vivarium facility for rodents and other small species shall be designed to the requirements for ABSL-2 as defined in Biosafety in Microbiological and Biomedical Laboratories. The Functional allocation includes holding and procedure rooms, surgical, behavior and isolation rooms as well as support spaces such as cagewash, staging and storage.

The vivarium is expected to house between 1200 and 1500 rodents in the holding rooms. Rooms shall be designed so that holding rooms and procedure rooms may be interchangeable if required.

E. WORKPLACE/ ADMINISTRATION

SIUE envisions a dynamic, progressive faculty workplace that fosters collegiality, collaboration and interaction with students while maintain privacy as needed.

A shared model of distribution of offices has been devised so that faculty and staff numbers may ebb or grow with minimal disruption. Shared, central resources will generate efficiency and facilitate a vibrant work culture as well.

Enclosed offices with glazed fronts may be designed where needed to provide an open, collegial atmosphere and allow transmission of daylight across spaces.

Ample meeting rooms of various sizes, hoteling areas, touchdown and huddle rooms will provide landing spots for visitors and allow for ad-hoc collaboration at various scales.

Shared faculty break area and lounges have been requested by SIUE in addition to informal collaboration spaces that should be peppered through the office areas.

Acoustical privacy is a vital criterion for the

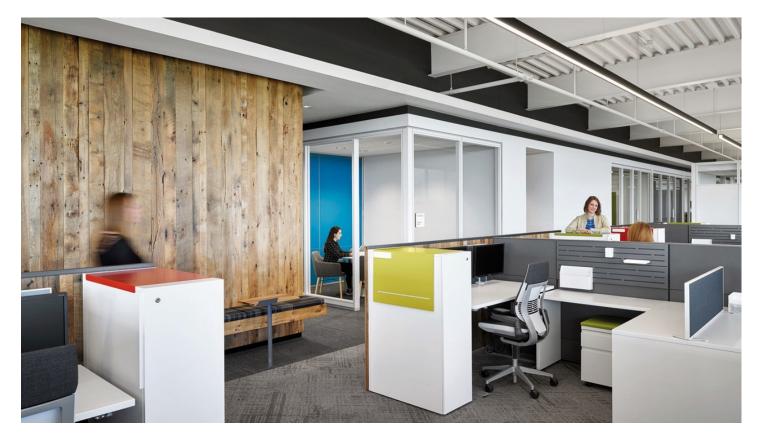
design and construction of these spaces. STC criteria outlined in the room data sheets and industry construction best practices such as extending walls to deck and acoustical in fill in walls should be considered in order to obtain best possible outcomes for the project.

F. BUILDING SUPPORT & LOGISTICS

Specific mission-critical building support and logistic spaces are called out in this section and include a small loading dock, receiving area and chemical, cylinder and waste storage.

Other general building support space such as rest rooms, mechanical space, IT/Data, custodial and building circulation are accounted for in the overall grossing factor of the building.

A detailed list of each program component and functional units follow.







Space ID	Space	Quantity of	Program NSF	Total Net NSF	Notes
		Spaces			
A - Public 8	Amenity			7,325	
A.1 Public 8	Amenity				
A1-1	Building Lobby	1	1500	1,500	Welcoming entry area; needs to accommo
					be AV equipped.
A1-2	Prefunction	1	500	500	Space adjacent to large classroom spaces
A1-3	Shared Student Lounge	1	750	750	Multidisciplinary student lounge with kitch
					microwaves etc.
A1-4	Food Kiosk/ Vending	1	500	500	Source of healthy food with some seating
					machines
A1-5	Catering/ Staging	1	200	200	Food staging , warming area for large ever
A1-6	Student Commons	1	1200	1,200	Student resource center and hub. Commo
					seating optionscollaborative as well as fo
					areas. Include printers/copy nooks
A1-7	Student collaboration areas	3	200	600	Collaboration areas distributed throughou
A1-8	Meeting Room (15p)	1	375	375	Adjacent to lobby
A1-9	Student Study rooms 2-5p	8	120	960	Small group, glass fronted study rooms ec
					Include writable surfaces
A1-10	Media / Recording Room- One Button	1	200	200	Multipurpose space- instructional video, p
	Studio				media room.
A1-12	Student Organization Storage	3	100	300	
A1-13	Wellness/ Quiet Rooms	1	120	120	Wellness spaces for quiet, respite, relaxat
A1-14	Lactation Room	1	120	120	Include sink, refrigerator
A.1 Public 8	& Amenity			7,325	

B - Classr	B - Classrooms & Teaching Labs			43,970		
B.1 Class	rooms					
B1-1	Large Classroom 100p	4	3000	12,000	Large, flat floor multipurpose space with ro technology, flexible furniture to allow for m Can be combined for larger classroom spac partitions	
B1-2	Medium Classrooms 50p	9	1500	13,500	Flat floor multipurpose space with robust e flexible furniture to allow for multiple confi classrooms prioritized for Public Health an Therapy	

38

odate public events and

es

chenette, refrigerators,

g. Space for vending

ents

non open area with diverse focus/individual study

out building

equipped with technology.

podcast, recording,

ation

robust educational r multiple configurations. paces with movable

et educational technology, nfigurations. Two and one for Occupatinal

Space ID	Space	Quantity of	Program NSF	Total Net NSF	Notes
·		Spaces			
B1-3	Data Analytics/ Computer/ Testing Lab 50p	1	1500	1,500	
B1-4	Small classroom 30p	2	900	1,800	Nursing, Pharmacy
B1-5	Small Group Rooms 10p	10	300	3,000	Small group study spaces. Half of these could occupancy with dividable walls
B1-6	Classroom Storage	3	100	300	
B1-0 B.1 Classroo		3	100	300 32,100	

B.2 Teachir	ng Labs				
B2-1	Drug Information Center	1	300	300	Three student workstations for drug informat
					practice. Director's office to be adjacent.
B2-2	Compounding lab	1	3000	3,000	Pharmacy teaching lab
B2-3	Sterile Compounds lab	1	600	600	Include 2 laminar flow hoods, sink
B2-5	Pharmacy Skills Prebrief/Debrief Room-	1	1200	1,200	
	40p				
B2-6	Large Encounter Room	1	150	150	For families/ larger setup
B2-7	Encounter Rooms	7	120	840	
B2-8	Control Room	1	300	300	Remote monitoring of encounter rooms - 8 sta
B2-9	Storage	2	120	240	
B2-10	Occupational Therapy Lab - First Year	1	2500	2,500	40 students capacity
B2-11	Occupational Therapy Lab - Second Year	1	2500	2,500	40 students capacity
B2-12	OT Lab Storage	2	120	240	
B.2 Teachi	ing Labs			11,870	

C - Nursing Med Ed / Simulation				20,075					
C.1 Stand	C.1 Standardized Patient Spaces								
C1-1	Simulation/ SP Lobby	1	250	250	Reception for simulation/ registration of stan				
C1-2	SP Ante Room/ Lockers	1	200	200	Include 5 lockers, changing areas, kitchenett for orientation				
C1-3	SP Moulage/ Toilet	1	100	100					
C1-4	SP Exam Rooms	6	150	900	Provide cameras, speakers , microphones and of entry/ egress per space. Include charting a exam room - nook/permanent countertop is p				

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ation and pharmacy
1-1 ²
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indardized patients
tte, flat screen monitor
tte, hat screen monitor
nd two separate means
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preferred.



PROGRAM SPACES								
Space ID	Space	Quantity of Spaces	Program NSF	Total Net NSF	Notes			
C1-5	SP Monitoring/ Control room	1	300	300	Recordings and monitoring of all Exam rooms			
C1-6	Telehealth Teaching Lab	1	240	240	Learning environment conducive to telehealth e stations			
C1-7	SP Storage	1	100	100				
C.1 Standa	rdized Patient Spaces	·		2,090				

C.2 Simula	tion Spaces				
C2-1	Simulation Rooms	4	400	1,600	ORs, PACU, LDR, Acute care simulation rooms.
					student cohort/ IPE sessions. Multipurpose, flex
					various scenarios. Two headwalls in each room.
C2-2	Patient/ Med-Surg Rooms	3	200	600	Patient simulation rooms
C2-3	Designated Agency Simulation Room	1	400	400	Patient simulation room for outside agency/ con use
C2-4	Large simulation viewing room	1	2500	2,500	Combined simulation demonstration and lecture people
C2-5	Restrooms	2	80	160	Simulated restrooms for training purposes
C2-6	Control Rooms	4	180	720	Control areas may be shared/ grouped and place
					Simulation rooms.
C2-7	Debrief Rooms	5	300	1,500	
C2-8	Home Health Lab	1	500	500	Space to simulate an efficiency apartment with
					appliances, restroom etc. Will be shared with Oc
					Therapy students
C2-9	AR/ VR/ Immersion Lab	1	400	400	Flexible environment for use of AR.VR as teaching
					space for existing Anatomage table.
C2-10	Light Board Room	1	150	150	
C2-11	Medical supplies room	1	125	125	Simulated pharmacy and medicine cart area
C2-12	Simulation Storage	2	400	800	
C2-13	Laundry/ Linen	1	120	120	
C2-14	Sim AV Room	1	120	120	Servers for simulation software
C2-15	Sim Mech Room	1	120	120	
C.2 Simula	tion Spaces			9,815	

C.3 Standardized Patient + Simulation Work/Office Spaces

C3-1	SON Simulation Lab Director	1	150	150	
C3-2	SON Simulation Lab Coordinator	1	120	120	
C3-3	Simulation Lab TAs	1	200	200	Shared office/ landing spot. Usually 5 students a
C3-4	Simulation Lab Technicians	1	100	100	Shared by 2 people

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ning tools. Include
at a time

Space ID	Space	Quantity of Spaces	Program NSF	Total Net NSF	Notes
C.3 Standa	ardized Patient + Simulation Work/ Offi			570	
C.4 Task Ti	raining Spaces				
C4-1	Task Training Lab	3	1200	3,600	Space for students to practice skills, learn etc. on low fidelity manikins. Four beds and per room
C4-2	Task training Storage	1	200	200	
C4-3	Acute Care Lab/ Advanced Practice Skills Lab	3	1200	3,600	Advanced Practice Lab. Four beds & instru
C4-4	Acute Care Lab/ Advanced Practice Skills Lab Storage	1	200	200	
C.4 Task T	raining Spaces			7,600	

D- Researc				19,820	
D1 - Resear	rch Labs				
D1-1	Synthetic medicinal chemistry	1	1200	1,200	2PI Wet Lab, 2, 4ft hoods, close proximity t over existing - typical
D1-2	Med Chem Synthesis, analysis	1	300	300	Wet Lab, 2, 4ft hoods, close proximity to NI
D1-3	Synthetic medicinal chemistry	1	300	300	Wet Lab, 3, 6 ft hoods, BLI- close proximity
D1-4	Microbiology, cell biology	1	1200	1,200	2PI Wet Lab, 2, 4ft hoods, Biosafety Cab., id to vivarium
D1-5	Microscopy, cell biology	1	300	300	Wet Lab, 2, 4ft hoods, Biosafety Cab., close
D1-6	Pharmacology research	1	1200	1,200	2PI Wet Lab, 2, 4ft hoods, close proximity t
D1-7	Pharmacology research	1	600	600	2PI Wet Lab, 2, 4ft hoods, close proximity t
D1-8	Pharmacology research	1	300	300	Wet Lab, 2, 4ft hoods, close proximity to viv
D1-9	Formulation, stability studies	1	1200	1,200	2PI Wet Lab, 2, 4-ft hoods, ideally close pro
D1-10	Biochemistry, pharmacogenomics	1	1200	1,200	2PI Wet Lab, 2, 4-ft hoods, ideally close pro
D1-11	Formulation, stability studies	1	300	300	Wet Lab, 2,4-ft hoods, biosafety cab, future close proximity to vivarium
D1-12	Computational Lab	1	400	400	8 workstations
D1-13	Epidemiology lab	1	450	450	Space for 4 workstations, meeting area+ la Nursing
D1-14	Nursing Community Research	1	300	300	Space for community research - 4 worksta

rn intubation, IV starts nd instructional space

ructional space/room

y to NMR. 300sf growth

NMR. 100sf existing

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/ to vivarium

to vivarium

vivarium

proximity to vivarium

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ire considerations of

large screens - 2 PH, 2

tations and meeting area



Space ID	Space	Quantity of	Program NSF	Total Net NSF	Notes
		Spaces			
D1-15	NMR Lab/ Support	1	225	225	NMR lab - matches existing space- may ren
D1-16	Nursing Wet Lab	1	600	600	Chaya Gopalan Research lab- additional an vivarium
D1-17	Nursing Wet Lab Prep/ Support	1	300	300	Support lab for above
D1-18	Freezer Room	2	120	240	Rooms for low temperature freezers with s
D1-19	Autoclave/ Glassware wash room	1	600	600	Includes medium glassware washer, steriliz
D1 - Resea	rch Labs	•			

D2 - Vivari	ium					
D2-2	Gown-In Entry Vestibule	1	100	100		
D2-3	Holding Room	4	180	720	2 double sided IVC cage racks per room, sink,	
D2-4	Surgical Room	2	270	540		
D2-5	Procedure Rooms	2	180	360		
D2-6	Isolation Rooms	1	180	180		
D2-7	Animal Behavior Rooms	2	180	360	One each for mice, rats.	
D2-8	Autoclave +Cagewash-	1	1500	1,500	Confirm reusable versus disposable caging	
	Dirty/clean/sterile					
D2-9	Food Bedding Storage	1	120	120		
D2-10	Waste/ Bio hazard storage	1	120	120		
D2-11	Housekeeping Room	1	80	80		
D2-12	Staging area	1	120	120	Near service elevator	
D2 - Vivariu	D2 - Vivarium 4,200					

D3 - Resea	arch Offices & Workspace					
D3-1	Post Docs/ RAs	4	100	400	3- Pharmacy, 1 Nursing	
D3-2	Grad Assistants	18	75	1,350	16-Pharmacy, 2-Nursing	
D3-3	Undergrad students	15	40	600	12 Pharmacy, 3 Nursing	
D3-4	PI/Faculty Offices	8	120	960	School of Pharmacy PI / Faculty offices nea	
D3-5	PI/Faculty Offices	4	120	480	School of Pharmacy PI / Faculty offices nea	
D3-6	PI/Faculty Offices	1	120	120	Nursing Faculty Office near vivarium	
D3-7	Small Meeting room 5p	1	120	120		
D3-8	Medium Meeting Rooms-15p	1	375	375		
D3 - Resea	D3 - Research Offices & Workspace 4,405					

emain in building 220

animal behavioral lab in

n standby power

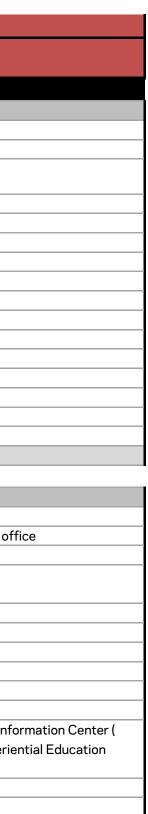
ilizer, ice machines

ink, floor drain

ear labs ear vivarium

Space ID	Space	Quantity of Spaces	Program NSF	Total Net NSF	Notes
E- Workplace	/ Offices			33,460	
E1 - School o	f Nursing Dean's Suite + Other Offices				
EI-1	Dean's Office	1	300	300	
EI-2	Associate/ Assistant Dean Offices	3	150	450	Include in Dean's Suite
EI-3	Directors/ Advisors/ Asst to the Dean	13	120	1,560	Include in Dean's Suite
EI-4	Office Support Specialists	5	80	400	Include in Dean's Suite- open workstations
EI-5	Growth/ Future hires	1	120	120	Future hires/ growth for Dean's Suite
EI-6	Reception/ Waiting	1	200	200	For Dean's Suite
EI-7	Board Room	1	500	500	Adjacent to Dean's Office
EI-8	Kitchenette	1	100	100	Adjacent to Dean's Office, Board Room
EI-9	Workroom/ Storage	1	120	120	For Dean's Suite
EI-10	Copy/Mail	0	100	-	For Dean's Suite
EI-11	Department Chair Offices	3	150	450	Primary Care, Family Health, Anesthesia
EI-12	Faculty Offices	52	120	6,240	
EI-13	Shared Faculty Offices	21	180	3,780	3 people to an office- 60 nsf per person
EI-14	Office support specialists	3	80	240	open workstations
El-15	Growth/ Future hires	11	120	1,320	
El-16	Directors Offices	2	150	300	

E2 - School	E2 - School of Pharmacy Dean's Suite + Other Offices							
E2-1	Dean's Office	1	300	300				
E2-2	Admin Support, Dean's Office	1	120	120	Include in Dean's Suite- adjacent to Dean's of			
E2-3	Associate/ Assistant Dean Offices	2	150	300	Include in Dean's Suite			
E2-4	Business Manager/ Directors/	5	120	600	Include in Dean's Suite			
	Coordinator/ Advisors							
E2-5	Admin Support	2	80	160	Include in Dean's Suite- open workstation			
E2-6	Reception/ Waiting	1	200	200	For Dean's Suite			
E2-7	Board Room	1	500	500	Adjacent to Dean's Office			
E2-8	Kitchenette	1	100	100	Adjacent to Dean's Office, Board Room			
E2-9	Workroom/ Storage	1	120	120	For Dean's Suite			
E2-10	Copy/Mail	0	100	-	For Dean's Suite			
E2-11	Department Chair / Director Offices	3	150	450	Pharmacy Practice Chair, Directors- Drug Inf			
					locate near Drug Information Center). Experie			
E2-12	Faculty Offices	22	120	2,640				
E2-13	Shared Faculty Offices	2	180	360	3 people to an office- 60 nsf per person			





Space ID	Space	Quantity of	Program NSF	Total Net NSF	Notes
		Spaces			
E2-14	Office support specialists	2	80	160	
E2-15	Growth/ Future hires	2	180	360	Adjunct faculty
E2-16	IT Workspace	1	300	300	Shared IT workspace space for 4 staff and
E2-17	Computer staging/ repair area	1	150	150	
E2-18	IT Storage	1	80	80	
E2 - School c	of Pharmacy Dean's Suite + Other Office	S		6,900	

E3 - Share	E3 - Shared Workplace areas					
E3-1	Hoteling / Touchdown Spaces	5	60	300	Space for visiting faculty, visitors, short te	
E3-2	Copy/ Mail Area	2	150	300		
E3-3	Storage	2	120	240		
E3-4	Interdisciplinary Faculty/Staff Lounge	2	500	1,000	Include kitchenette, refrigerator, microway	
E3-5	Medium Meeting Rooms-15p	6	375	2,250		
E3-6	Small Meeting Rooms- 5 p	4	150	600		
E3-Share	E3- Shared Workplace areas 4,690					

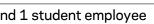
E4 - Appli	ied Health/ SEHHB Workplace			3,845	
E4-0	Dean's Office- Hotelling	1	150	150	
E4-1	Faculty offices - Public Health	9	120	1,080	5 currently tenure track, 1 new approved, g
E4-2	Lecturer offices - Public Health	4	120	480	2 lecturers currently- will grow to 4
E4-3	Staff - Public Health	1	80	80	
E4-4	Grad Assistants - Public Health	2	75	150	RA/ TAs
E4-5	Faculty/ Staff Offices - OT	7	120	840	To be confirmed
E4-6	Office Manager - OT	1	120	120	
E4-7	Adjunct Offices - OT	1	120	120	Shared office
E4 - Appli	E4 - Applied Health/ SEHHB Workplace			3,020	^

E5.0 - Shared Applied Health/ SEHHB Workplace

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Reception/ Waiting area	1	150	150			
				Assume that large faculty meetings can or		
Medium Meeting Rooms-15p	1	375	375	classroom		
Hoteling / Touchdown Spaces	2	60	120			
Copy/ Mail Area	1	100	100			
Storage Area	1	80	80			
Applied Health/ SEHHB Workplace			825			
	Reception/ Waiting area Medium Meeting Rooms-15p Hoteling / Touchdown Spaces Copy/ Mail Area Storage Area	Reception/Waiting area1Medium Meeting Rooms-15p1Hoteling / Touchdown Spaces2Copy/ Mail Area1Storage Area1	Reception/Waiting area1150Medium Meeting Rooms-15p1375Hoteling / Touchdown Spaces260Copy/ Mail Area1100Storage Area180	Reception/Waiting area1150150Medium Meeting Rooms-15p1375375Hoteling / Touchdown Spaces260120Copy/ Mail Area1100100Storage Area18080		

Note: The Doctorate in Occupational Therapy has not yet been fully approved by the chancellor, president of the SIU System, IBHE, or the Higher Learning Commission.



term guests

ave, sink. Seats up to 25

, growth 9 faculty.

occur in an adjacent

Space ID	Space	Quantity of	Program NSF	Total Net NSF	Notes
		Spaces			
F- Building S	Support & Logistics			1,130	
F1	Loading dock	1	300	300	
F2	Receiving/ Staging/ Office	1	200	200	
F3	Chemical Storage	1	200	200	
F4	Cylinder storage	1	150	150	
F5	Waste/ Bio hazard storage	1	80	80	
F6	Building Storage	1	200	200	
F- Building S	Support & Logistics			1,130	

Core program net square feet	123,835
Core program gross square feet	221,134 56% efficiency





ROOM DATA SHEETS

In order to identify and detail all requirements, HOK developed prototype layouts of salient spaces to graphically and qualitatively represent design features (concepts) of spaces to test programming assumptions.

There are two main components of the room data sheets that follow:

- 1. Plans and three-dimensional views
- 2. Space requirements sheet

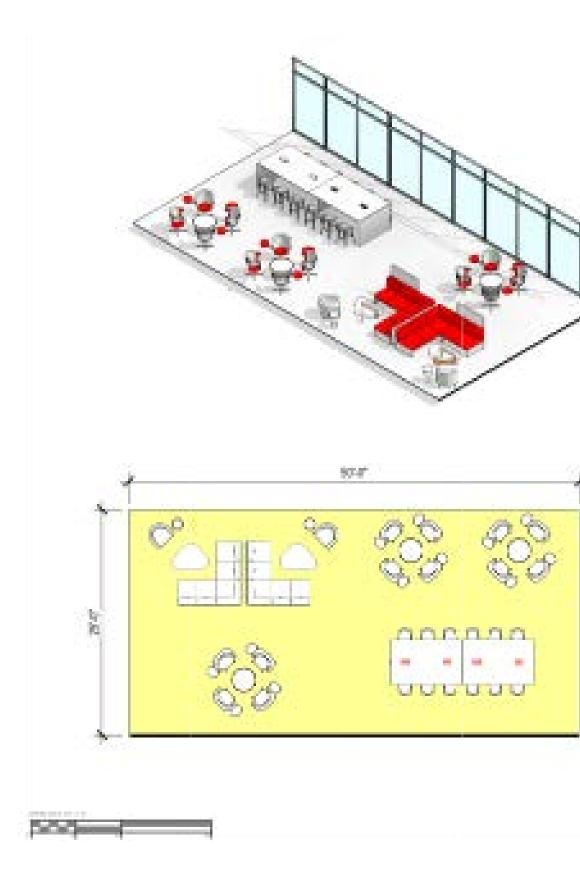
PLANS AND THREE-DIMENSIONAL VIEWS

Plans and three-dimensional views of salient spaces are being used to communicate and validate the quantitative data in the building program and convey functional needs discussed during programming user group worksessions.

These concepts may evolve and morph in synthesis of the project design in further design stages. Therefore, it is important to understand room layouts at this stage as baseline standards of acceptance and not necessarily finished or set in stone solutions. Rooms may change shape but the functional basis must be maintained.

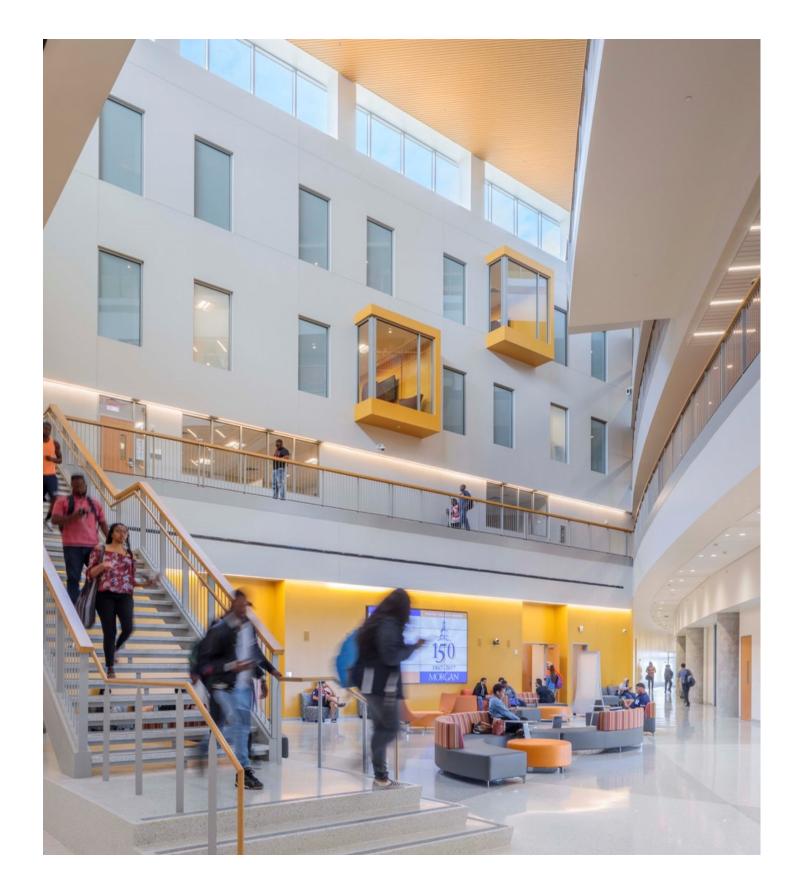
SPACE REQUIREMENTS SHEET

The purpose of the Space Requirements Sheet is to document and establish room requirements for the new facility on a room by room basis. This includes service and infrastructure requirements mechanical, electrical, plumbing, lighting, security criteria, architectural finishes, casework, millwork as well as major equipment as relevant to the space type being depicted.



3.3 TYPICAL ROOM **PROTOTYPES AND ROOM DATA SHEETS**





Prepared for Southern Illinois University Edwardsville by HOK

A - PUBLIC & AMENITY



A1-1 **BUILDING LOBBY** PUBLIC & AMENITY

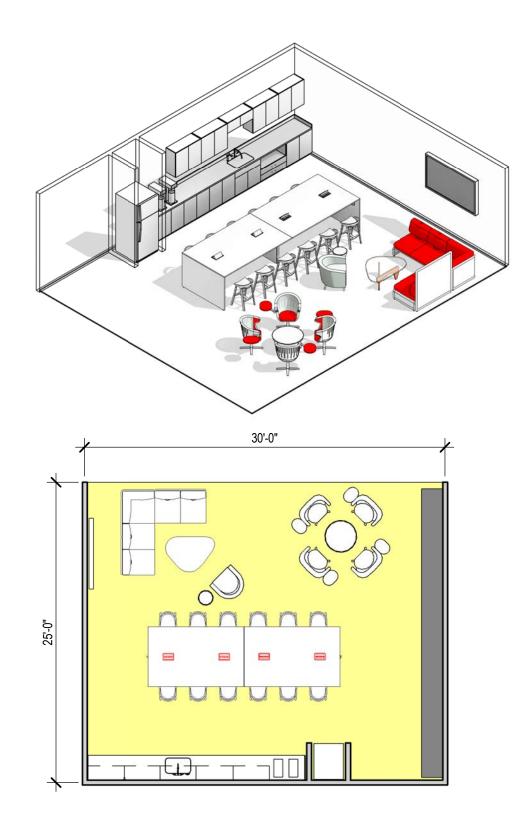
50

UTILIZATION	PLUMBING	AV
Hours of Operation	Sinks	Distance Learning
8 hours/day	Standard	Video Conferencing
14 hours/day	ADA	Projection Surface
24 hours/day x	Scullery	Flat screen Monitors x
	Other	Power at Table
		Data at Table
SPACE OCCUPANY		Lectern or Other
No. Of Occupants Varies		Smartboard
		Speakers x
MECHANICAL	ELECTRICAL	
Temperature	Electrical Raceway	ARCHITECTURAL
70°-75° ± 1°F	110V, 20A, 1 Phase x	Walls/Partitions
72°F ± 2°F x	208V, 30A, 1 Phase	GWB, Paint x
Other	208V, 30A, 3 Phase	GWB, Epoxy Paint
Humidity	480V, 100A, 3 Phase	CMU, Paint
50%- 25%± 5% x	Emergency/ Standby Power	Other Glazing
Uncontrolled	UPS (OFOI)	Wall Protection
Other < 50%	Other Floor boxes	Corner Guards
15 ACH (Min)		Crash Rails
10 ACH (Min)	LIGHTING	Other
6 ACH (Min)		
100% Make-up Air	Lighting Level 80-100 fc at bench/desk (labs)	Flooring Resilient/ Vinyl free tile
	. ,	
Recirculated Air x	30-60 fc at bench/desk (offices)	Resilient Sheet
Air Pressure Positive	Task Lighting	Concrete
Air Pressure Negative	Darkenable or Dimmable	Resinous/ Epoxy
Air Filtration at Supply or Exhaust	Special Lighting Feature lighting	Carpet
Other	Natural Daylight Preferred or x	Other Terrazzo Base
CASEWORK/MILLWORK/ FURNITUR	E EQUIPMENT	4" Rubber
Space Type	Refrigerator	Integral w/floor x
Private	Microwave	Ceiling
Semi Private	Coffee Machine	Open
Open	Dishwasher	Acoustic Tile
Public x	Printer/ Scanner	Gyp. Board
Tables w/ seating	Plotter	Height TBD in desi
Wall Cabinets or Shelves	Copier	TBD III desi
	Computers	Doors
·		
	Other	Size Multiple
Other		Type Swing/Slidir
		Operable Wall
	Primary Adjacency Entrance	Vision Panel x
	Secondary Adjacency Lobby	Special Hardware or Seals
FUNCTIONAL CRITERIA	PERFORMANCE REQUIREMENTS	SECURITY
In View of Entry	NC Acoustical Criteria 40-45	Locks
Include reception/conceierge	Acoustical Panels	Card Access x
Include reception/concelerge	Privacy Criteria	
	Privacy Criteria	
include reception/concerence	STC Rating	
REMARKS:		

A1-2 PREFUNCTION PUBLIC & AMENITY

UTILIZATION	PLUMBING
Hours of Operation	Sinks
8 hours/day	Standard
14 hours/day	ADA
24 hours/day x	Scullery
	Other
SPACE OCCUPANY	
No. Of Occupants	_
MECHANICAL	ELECTRICAL
Temperature	Electrical Raceway
70°-75° ± 1°F	110V, 20A, 1 Phase x
72°F ± 2°F x	208V, 30A, 1 Phase
Other	208V, 30A, 3 Phase
Humidity	480V, 100A, 3 Phase
50%-25%±5% x	Emergency/ Standby Power
Uncontrolled	UPS (OFOI)
Other < 50%	Other
15 ACH (Min)	
10 ACH (Min)	LIGHTING
6 ACH (Min)	Lighting Level
100% Make-up Air	80-100 fc at bench/desk (labs)
Recirculated Air x	30-60 fc at bench/desk (offices)
Air Pressure Positive	Task Lighting
Air Pressure Negative	Darkenable or Dimmable
Air Filtration at Supply or Exhaust	Special Lighting
Other	Natural Daylight Preferred or X
CASEWORK/MILLWORK/ FURNI	
Space Type	Refrigerator
Private	Microwave
Semi Private	Coffee Machine
	Dishwasher
Open Public x	Printer/ Scanner
	Plotter
Tables w/ seating Wall Cabinets or Shelves	Copier
Sofa/ Lounge chairs x	Computers
Flexible furniture x	Other
Other	Other
Other	ADJACENCY CRITERIA
	Primary Adjacency Large Classroon
	Secondary Adjacency Lobby
FUNCTIONAL CRITERIA	PERFORMANCE REQUIREMENTS
Near Large classroom	NC Acoustical Criteria 40-45
Potential to combine with lobby	
	Privacy Criteria
	STC Rating
DEMARKO:	
REMARKS:	

	AV	
	Distance Learning	
	Video Conferencing	
	Projection Surface	
	Flat screen Monitors	
	Power at Table	
	Data at Table	
	Lectern or Other	
	Smartboard	
	Speakers	
	opoulloio	
	ARCHITECTURAL	
х	Walls/Partitions	
	GWB, Paint	х
	GWB, Epoxy Pai	nt
	CMU, Paint	
	Other	
	Wall Protection	
	Corner Guards	
	Crash Rails	
	Other	
	Flooring	
(laha)	0	a a tila
(labs)	Resilient/ Vinyl fr	
offices)	Resilient Sheet	
	Concrete	
	Resinous/ Epoxy	
	Carpet	
r <u>x</u>	Other	Terrazzo
	Base	
	4" Rubber	
	Integral w/floor	х
	Ceiling	
	Open	
	Acoustic Tile	
	Gyp. Board	
·	Height	TBD in design
	rioigitt	TDD III doolgii
	Doors	
	Size	
	Туре	
	Operable Wall	
Large Classroom	Vision Panel	
Lobby	Special Hardware	e or Seals
LODBy	Special Hardward	
MENTS	SECURITY	
40-45	Locks	
	Card Access	





UTILIZATION		PLUMBING
Hours of Operation		Sinks
8 hours/day		Standard
14 hours/day		ADA
24 hours/day	х	Scullery
•		Other
SPACE OCCUPANY		
No. Of Occupants		
MECHANICAL		ELECTRICAL
Temperature		Electrical Raceway
70°-75° ± 1°F		110V, 20A, 1 Phase
72°F ± 2°F	Х	208V, 30A, 1 Phase
Other		208V, 30A, 3 Phase
Humidity		480V, 100A, 3 Phase
50%- 25%± 5%	Х	Emergency/ Standby Power
Uncontrolled		UPS (OFOI)
Other < 50%		Other
15 ACH (Min)		
10 ACH (Min)		LIGHTING
6 ACH (Min)		Lighting Level
100% Make-up Air		80-100 fc at bench/desk
Recirculated Air	х	30-60 fc at bench/desk (
Air Pressure Positive		Task Lighting
Air Pressure Negative	<u> </u>	Darkenable or Dimmable
Air Filtration at Supply	v or Exhaust	Special Lighting
Other	·	Natural Daylight Preferred o
-		
CASEWORK/MILLW	ORK/ FURNITUR	
Space Type		Refrigerator
Private		Microwave
Semi Private		Coffee Machine
Open		Dishwasher
Public	х	Printer/ Scanner
Tables w/ seating	Х	Plotter
		O - minn
Wall Cabinets or She	lves	Copier
Sofa/ Lounge chairs	lves x	Copier Computers
-		
Sofa/ Lounge chairs	х	Computers
Sofa/ Lounge chairs Flexible furniture	х	Computers Other ADJACENCY CRITERIA
Sofa/ Lounge chairs Flexible furniture	х	Computers Other ADJACENCY CRITERIA Primary Adjacency
Sofa/ Lounge chairs Flexible furniture	х	Computers Other ADJACENCY CRITERIA
Sofa/ Lounge chairs Flexible furniture Other	x x	Computers Other ADJACENCY CRITERIA Primary Adjacency Secondary Adjacency
Sofa/ Lounge chairs Flexible furniture	x x	Computers Other ADJACENCY CRITERIA Primary Adjacency Secondary Adjacency PERFORMANCE REQUIRE
Sofa/ Lounge chairs Flexible furniture Other	x x	Computers Other ADJACENCY CRITERIA Primary Adjacency Secondary Adjacency PERFORMANCE REQUIRE NC Acoustical Criteria
Sofa/ Lounge chairs Flexible furniture Other	x x	Computers Other ADJACENCY CRITERIA Primary Adjacency Secondary Adjacency PERFORMANCE REQUIRE NC Acoustical Criteria Acoustical Panels
Sofa/ Lounge chairs Flexible furniture Other	x x	Computers Other ADJACENCY CRITERIA Primary Adjacency Secondary Adjacency PERFORMANCE REQUIRE NC Acoustical Criteria

REMARKS:

Multidisciplinary student lounge with kitchenette, refrigerators, microwaves, etc.

A1-2 PREFUNCTION PUBLIC & AMENITY

	AV
	Distance Learning
Х	Video Conferencing
	Projection Surface
	Flat screen Monitors
	Power at Table
	Data at Table
	Lectern or Other
	Smartboard
	Speakers
	ARCHITECTURAL
X	Walls/Partitions
	GWB, Paint x
	GWB, Epoxy Paint
e	CMU, Paint
y Power	Other
,	Wall Protection
	Corner Guards
	Crash Rails
	Other
	Flooring
ch/desk (labs)	Resilient/ Vinyl free tile
n/desk (labs)	Resilient Sheet
	Concrete
nable	Resinous/ Epoxy
ferred or X	Carpet
ferred or X	Other <u>Terrazzo</u>
	Base
N/	4" Rubber
<u> </u>	Integral w/floor x
X	Ceiling
	Open
	Acoustic Tile
	Gyp. Board
	Height TBD in design
	Doors
	Size
	Туре
ERIA	Operable Wall
	Vision Panel
Large Classroom	
cy Lobby	Special Hardware or Seals
EQUIREMENTS	SECURITY
ia 40-45	Locks
	Card Access

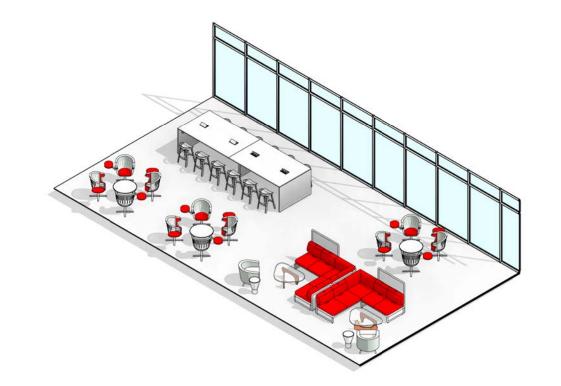


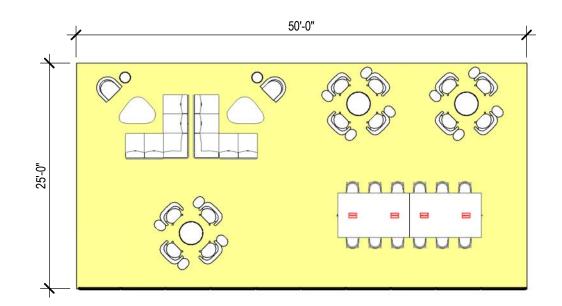
A1-4 FOOD KIOSK/VENDING PUBLIC & AMENITY

UTILIZATION	PLUMBING	AV
Hours of Operation	Sinks	Distance Learning
8 hours/day	Standard	Video Conferencing
14 hours/day	ADA	Projection Surface
24 hours/day x	Scullery	Flat screen Monitors
	Other	Power at Table
		Data at Table
SPACE OCCUPANY		Lectern or Other
No. Of Occupants		Smartboard
		Speakers
IECHANICAL	ELECTRICAL	
emperature	Electrical Raceway	ARCHITECTURAL
70°-75° ± 1°F	110V, 20A, 1 Phase	Walls/Partitions
72°F ± 2°F x	208V, 30A, 1 Phase	GWB, Paint x
Other	208V, 30A, 3 Phase	GWB, Epoxy Paint
lumidity	480V, 100A, 3 Phase	CMU, Paint
50%- 25%± 5% x	Emergency/ Standby Power	Other
Uncontrolled	UPS (OFOI)	Wall Protection
Other < 50%	Other x	Corner Guards
5 ACH (Min)		Crash Rails
0 ACH (Min)	LIGHTING	Other
ACH (Min)	Lighting Level	Flooring
00% Make-up Air	80-100 fc at bench/desk (labs)	Resilient/ Vinyl fre x
Recirculated Air x	30-60 fc at bench/desk (offices)	Resilient Sheet
Air Pressure Positive	Task Lighting	Concrete
ir Pressure Negative	Darkenable or Dimmable	Resinous/ Epoxy
Air Filtration at Supply or Exhaust	Special Lighting	Carpet
Other	Natural Daylight Preferred or X	Other
		Base
CASEWORK/MILLWORK/ FURNIT	URE EQUIPMENT	4" Rubber
Space Туре	Refrigerator	Integral w/floor x
Private	Microwave	Ceiling
Semi Private	Coffee Machine	Open
Open	Dishwasher	Acoustic Tile
Public x	Printer/ Scanner	Gyp. Board
ables w/ seating	Plotter	Height TBD in design
Vall Cabinets or She x	Copier	<u> </u>
Sofa/ Lounge chairs	Computers	Doors
lexible furniture	Other Vending machines	Size
Dther		Туре
	ADJACENCY CRITERIA	Operable Wall
	Primary Adjacency Library Commons	Vision Panel
	Secondary Adjacency	Special Hardware or Seals
UNCTIONAL CRITERIA	PERFORMANCE REQUIREMENTS	SECURITY
Healthy food options	NC Acoustical Criteria 40-45	Locks
Easily accessed	Acoustical Panels	Card Access x
· · · · · ·	Privacy Criteria	
	STC Rating	
REMARKS:		
Ensure 15 - 20 amps power as r	equired for vending machines.	
	- 1	
Ensure 15 - 20 amps power as n	equired for vending machines.	

A1-5 CATERING/STAGING PUBLIC & AMENITY

UTILIZATION	PLUMBING	AV
Hours of Operation	Sinks	Distance Learning
8 hours/day X	Standard	Video Conferencing
14 hours/day	ADA	Projection Surface
24 hours/day	Scullery	Flat screen Monitors
	Other	Power at Table
		Data at Table
SPACE OCCUPANY		Lectern or Other
No. Of Occupants		Smartboard
•		Speakers
MECHANICAL	ELECTRICAL	·
Temperature	Electrical Raceway X	ARCHITECTURAL
70°-75° ± 1°F	110V, 20A, 1 Phase X	Walls/Partitions
72°F ± 2°F x	208V, 30A, 1 Phase	GWB, Paint x
Other	208V, 30A, 3 Phase	GWB, Epoxy Paint
Humidity	480V, 100A, 3 Phase	CMU, Paint
50%- 25%± 5% x	Emergency/ Standby Power	Other
Uncontrolled	UPS (OFOI)	Wall Protection
Other < 50%	Other x	Corner Guards X
15 ACH (Min)		Crash Rails
10 ACH (Min)	LIGHTING	Other
6 ACH (Min)	Lighting Level	Flooring
100% Make-up Air	80-100 fc at bench/desk (labs)	Resilient/ Vinyl fre x
Recirculated Air x	30-60 fc at bench/desk (offices)	Resilient Sheet
Air Pressure Positive	Task Lighting	Concrete
Air Pressure Negative	Darkenable or Dimmable	Resinous/ Epoxy
Air Filtration at Supply or Exhaust	Special Lighting	Carpet
Other	Natural Daylight Preferred or x	Other
		Base
CASEWORK/MILLWORK/ FURNITURE	EQUIPMENT	4" Rubber
Space Туре	Refrigerator X	Integral w/floor x
Private X	Microwave	Ceiling
Semi Private	Coffee Machine X	Open
Open	Dishwasher	Acoustic Tile
Public	Printer/ Scanner	Gyp. Board
Tables w/ seating	Plotter	Height TBD in design
Wall Cabinets or Shelves	Copier	
Sofa/ Lounge chairs	Computers	Doors
Flexible furniture	Other	Size
Other		Туре
Other	ADJACENCY CRITERIA	Operable Wall
	Primary Adjacency prefunction	Vision Panel
	Secondary Adjacency	Special Hardware or Seals
		Special Hardware of Seals
FUNCTIONAL CRITERIA	PERFORMANCE REQUIREMENTS	SECURITY
	NC Acoustical Criteria 40-45	Locks
	Acoustical Panels	Card Access x
	Privacy Criteria	
	STC Rating	
5544540		
REMARKS:		
Food staging, warming area for large	events.	







HEALTH SCIENCES F	2
AF	2

Hours of Operation 8 hours/day 14 hours/day 24 hours/day x	Sinks Standard ADA Scullery Other	
SPACE OCCUPANY No. Of Occupants		
MECHANICAL	ELECTRICAL	
Temperature 70°-75° ± 1°F 72°F ± 2°F x Other Humidity 50%- 25%± 5% x Uncontrolled	Electrical Raceway 110V, 20A, 1 Phase 208V, 30A, 1 Phase 208V, 30A, 3 Phase 480V, 100A, 3 Phase Emergency/ Standby Power UPS (OFOI)	;
Other < 50%	Other	_
10 ACH (Min) 6 ACH (Min) 100% Make-up Air Recirculated Air Xir Pressure Positive Air Pressure Negative Air Filtration at Supply or Exhaust Other	LIGHTING Lighting Level 80-100 fc at bench/desk (labs) 30-60 fc at bench/desk (of Task Lighting Darkenable or Dimmable Special Lighting Natural Daylight Preferred or	: :01
CASEWORK/MILLWORK/ FURNITURE	EQUIPMENT	
Space Type Private Semi Private Open x Public x Tables w/ seating x Wall Cabinets or Shelves Sofa/ Lounge chairs Sofa/ Lounge chairs x Flexible furniture x Other Booths/pods	Refrigerator M Microwave M Coffee Machine M Dishwasher M Printer/ Scanner M Plotter Copier Computers Other ADJACENCY CRITERIA Primary Adjacency Primary Adjacency En	ul' ;
FUNCTIONAL CRITERIA	PERFORMANCE REQUIREMENTS NC Acoustical Criteria 4 Acoustical Panels Privacy Criteria STC Rating	s 10
REMARKS:		
Social hub, gathering area, various ty	pes of seating, group interaction and	l ir

Prepared for Southern Illinois University Edwardsville by HOK

A1-6 RESOURCE CENTER OPEN REA/ STUDENT COMMONS PUBLIC & AMENITY

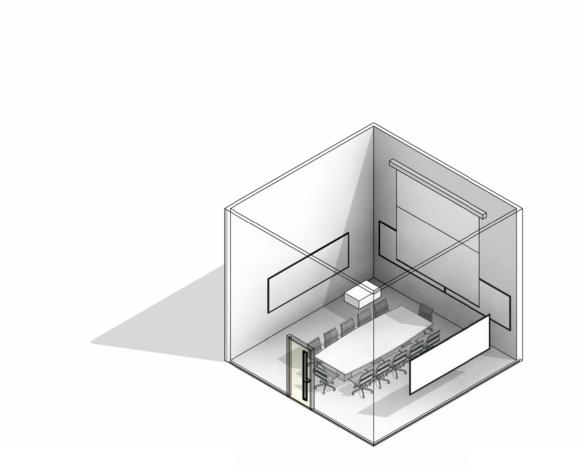
	Distance Learning Video Conferencing Projection Surface Flat screen Monitors	X
	Power at Table	
	Data at Table	
	Lectern or Other	
	Smartboard	
	Speakers	
	ARCHITECTURAL	
х	Walls/Partitions	
~	GWB, Paint	х
	GWB, Epoxy Paint	
	CMU, Paint	
	Other	
	Wall Protection	
	Corner Guards	
	Crash Rails	
	Other	
	Flooring	
	Resilient/ Vinyl free tile	х
х	Resilient Sheet	
X	Concrete	
<u> </u>		
<u> </u>	Resinous/ Epoxy	
oned	Carpet	
х	Other	
	Base	
	4" Rubber	
ultiple	Integral w/floor	х
ultiple	Ceiling	
X	Open	
~	Acoustic Tile	
	Gyp. Board	
	Height	TBD in design
	Doors	
	Size	Multiple
	Туре	Swing/Sliding
	Operable Wall	
trance	Vision Panel	х
obby	Special Hardware or Sea	ls
5	SECURITY	
0-45	Locks	
	Card Access	
	Other	24/7 access

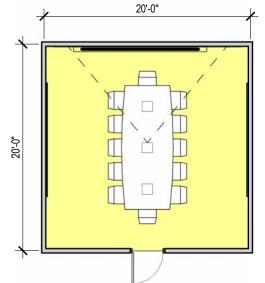
n and individual nooks. Abundance of power outlets.



A1-7 STUDENT COLLABORATION AREA PUBLIC & AMENITY

UTILIZATION	PLUMBING	AV
Hours of Operation	Sinks	Distance Learning
8 hours/day	Standard	Video Conferencing x
14 hours/day	ADA	Projection Surface
24 hours/day x	Scullery	Flat screen Monitors x
	Other	Power at Table x
		Data at Table x
SPACE OCCUPANY		Lectern or Other
No. Of Occupants		Smartboard
		Speakers
MECHANICAL	ELECTRICAL	
Temperature	Electrical Raceway	ARCHITECTURAL
70°-75° ± 1°F	110V, 20A, 1 Phase x	Walls/Partitions
72°F ± 2°F x	208V, 30A, 1 Phase	GWB, Paint x
Other	208V, 30A, 3 Phase	GWB, Epoxy Paint
Humidity	480V, 100A, 3 Phase	CMU, Paint
50%- 25%± 5% x	Emergency/ Standby Power	Other Glazed
Uncontrolled	UPS (OFOI)	Wall Protection
Other < 50%	Other	Corner Guards
15 ACH (Min)		Crash Rails
10 ACH (Min)	LIGHTING	Other
6 ACH (Min)	Lighting Level	Flooring
100% Make-up Air	80-100 fc at bench/desk (labs)	Resilient/ Vinyl free tile x
Recirculated Air x	30-60 fc at bench/desk (offices)	Resilient Sheet
Air Pressure Positive	Task Lighting	Concrete
Air Pressure Negative	Darkenable or Dimmable	Resinous/ Epoxy
Air Filtration at Supply or Exhaust	Special Lighting	Carpet x
Other	Natural Daylight Preferred or x	Other
		Base
CASEWORK/MILLWORK/ FURNITURE		4" Rubber
Space Type	Refrigerator	Integral w/floor x
Private	Microwave	Ceiling
Semi Private	Coffee Machine	Open
Open X	Dishwasher	Acoustic Tile x
Public x	Printer/ Scanner	Gyp. Board
Tables w/ seating x	Plotter	Height 9'
Wall Cabinets or Shelves	Copier	
Sofa/ Lounge chairs	Computers	Doors
Flexible furniture	Other	Size
Other		Type Swing/Sliding
	ADJACENCY CRITERIA	Operable Wall
	Primary Adjacency	Vision Panel x
	Secondary Adjacency	Special Hardware or Seals
		SECURITY.
FUNCTIONAL CRITERIA Small group studies	PERFORMANCE REQUIREMENTS NC Acoustical Criteria 40-45	SECURITY
Small group studies	Acoustical Panels	
	Privacy Criteria	Card Access x
	STC Rating	
REMARKS:		







UTILIZATION		PLUMBING	
Hours of Operation		Sinks	
8 hours/day		Standard	
14 hours/day		ADA	
24 hours/day	х	Scullery	
		Other	
SPACE OCCUPANY			
No. Of Occupants	15		
MECHANICAL		ELECTRICAL	
Temperature		Electrical Raceway	
70°-75° ± 1°F		110V, 20A, 1 Phase	
72°F ± 2°F	х	208V, 30A, 1 Phase	
Other		208V, 30A, 3 Phase	_
Humidity		480V, 100A, 3 Phase	
50%- 25%± 5%	х	Emergency/ Standby Power	
Uncontrolled		UPS (OFOI)	
Other < 50%		Other	
15 ACH (Min)			
10 ACH (Min)		LIGHTING	
6 ACH (Min)		Lighting Level	
100% Make-up Air		80-100 fc at bench/desk ((lab
Recirculated Air	х	30-60 fc at bench/desk (o	of X
Air Pressure Positive		Task Lighting	
Air Pressure Negative	9	Darkenable or Dimmable	_
Air Filtration at Suppl	y or Exhaust	Special Lighting	
Other		Natural Daylight Preferred or	ſ
CASEWORK/MILLW	ORK/ FURNITURE	EQUIPMENT	
Space Type		Refrigerator	
Private	Х	Microwave	
Semi Private		Coffee Machine	
Open		Dishwasher	
Public	х	Printer/ Scanner	
Tables w/ seating	х	Plotter	_
Wall Cabinets or She	lves	Copier	

Public	х	Printer/ Scanner
Tables w/ seating	х	Plotter
Wall Cabinets or She	lves	Copier
Sofa/ Lounge chairs		Computers
Flexible furniture		Other
Other		-
		ADJACENCY CRITERIA
		Primary Adjacency
		Secondary Adjacency

FUNCTIONAL CRITERIA
Small group studies

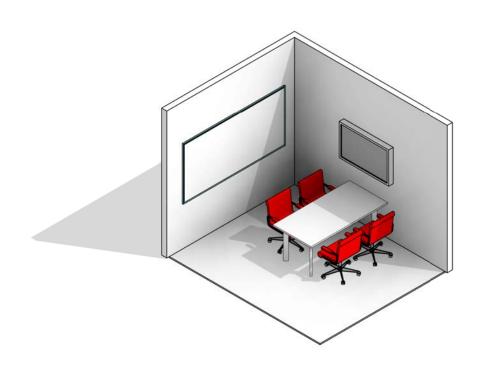
PERFORMANCE REQUIREME Acoustical Panels Privacy Criteria STC Rating

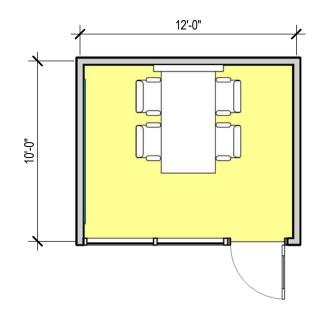
REMARKS:

A1-8 MEETING ROOM PUBLIC & AMENITY

	AV	
	Distance Learning	
	Video Conferencing	х
	Projection Surface	
	Flat screen Monitors	х
	Power at Table	х
	Data at Table	х
	Lectern or Other	
	Smartboard	
	Speakers	
	opounoro	
	ARCHITECTURAL	
e x	Walls/Partitions	
e <u>^</u>	GWB, Paint	x
e	GWB, Epoxy Paint	^
se	CMU, Paint	
	Other	Glazed
by Power		Giazeu
	Wall Protection	
	Corner Guards	
	Crash Rails	
	Other	
	Flooring	
ich/desk (labs)	Resilient/ Vinyl free tile	х
h/desk (of <u>X</u>	Resilient Sheet	
	Concrete	
mable	Resinous/ Epoxy	
	Carpet	х
eferred or x	Other	
	Base	
	4" Rubber	
	Integral w/floor	х
	Ceiling	
	Open	
	Acoustic Tile	х
	Gyp. Board	
	Height	9'
	5	~
	Doors	
	Size	
	Туре	Swing/Sliding
ERIA	Operable Wall	e wing/ending
	Vision Panel	~
	Special Hardware or Se	X
icy	Opeolar riaruware of Se	uis
REQUIREMENTS	SECURITY	
eria 40-45	Locks	
40 - 40	Card Access	
	Caru Access	Х









A1-9 STUDENT STUDY/HUDDLE ROOMS PUBLIC & AMENITY

UTILIZATION	PLUMBING	AV
Hours of Operation	Sinks	Distance Learning
8 hours/day	Standard	Video Conferencing x
14 hours/day	ADA	Projection Surface
24 hours/day x	Scullery	Flat screen Monitors x
	Other	Power at Table x
		Data at Table x
SPACE OCCUPANY		Lectern or Other
No. Of Occupants 3 to 5		Smartboard
·		Speakers
MECHANICAL	ELECTRICAL	
Temperature	Electrical Raceway	ARCHITECTURAL
70°-75° ± 1°F	110V, 20A, 1 Phase x	Walls/Partitions
72°F ± 2°F x	208V, 30A, 1 Phase	GWB, Paint x
Other	208V, 30A, 3 Phase	GWB, Epoxy Paint
Humidity	480V, 100A, 3 Phase	CMU, Paint
50%- 25%± 5% x	Emergency/ Standby Power	Other Glazed
Uncontrolled	UPS (OFOI)	Wall Protection
Other < 50%	Other	Corner Guards
15 ACH (Min)		Crash Rails
10 ACH (Min)	LIGHTING	Other
6 ACH (Min)	Lighting Level	Flooring
100% Make-up Air	80-100 fc at bench/desk (labs)	Resilient/ Vinyl free tile x
Recirculated Air x	30-60 fc at bench/desk (offices)	Resilient Sheet
Air Pressure Positive	Task Lighting	Concrete
Air Pressure Negative	Darkenable or Dimmable	Resinous/ Epoxy
Air Filtration at Supply or Exhaust	Special Lighting	Carpet x
Other	Natural Daylight Preferred or x	Other
		Base
CASEWORK/MILLWORK/ FURNITURI	FOUIDMENT	4" Rubber
Space Type	Refrigerator	
Private	Microwave	Integral w/floor x
Semi Private x	Coffee Machine	Open
Open	Dishwasher	· · · · · · · · · · · · · · · · · · ·
	Printer/ Scanner	
Public x		Gyp. Board
Tables w/ seating x	Plotter	Height 9'
Wall Cabinets or Shelves	Copier	Davis
Sofa/ Lounge chairs	Computers	Doors
Flexible furniture	Other	Size
Other		Type Swing/Sliding
	ADJACENCY CRITERIA	Operable Wall
	Primary Adjacency Library Commons	Vision Panel x
	Secondary Adjacency Classrooms	Special Hardware or Seals
FUNCTIONAL CRITERIA	PERFORMANCE REQUIREMENTS	SECURITY
Small group studies	NC Acoustical Criteria 40-45	Locks
email group studies	Acoustical Panels	
	Privacy Criteria	Card Access x
	STC Rating	
REMARKS		
REMARKS:		
REMARKS:		

A1-10 MEDIA/RECORDING - ONE BUTTON STUDIO PUBLIC & AMENITY

GRAPHC SCALE: 310° = 1'.0°	

UTILIZATION		PLUMBING	
Hours of Operation		Sinks	
8 hours/day		Standard	
14 hours/day	х	ADA	
24 hours/day		Scullery	
		Other	
SPACE OCCUPANY			
No. Of Occupants			
MECHANICAL		ELECTRICAL	
Temperature		Electrical Raceway	
70°-75° ± 1°F		110V, 20A, 1 Phase	
72°F ± 2°F	х	208V, 30A, 1 Phase	
Other		208V, 30A, 3 Phase	
Humidity	_	480V, 100A, 3 Phase	
50%- 25%± 5%	х	Emergency/ Standby Power	
Uncontrolled		UPS (OFOI)	
Other < 50%		Other	
15 ACH (Min)			
10 ACH (Min)		LIGHTING	
6 ACH (Min)		Lighting Level	
100% Make-up Air		80-100 fc at bench/desk	(labs)
Recirculated Air	х	30-60 fc at bench/desk (d	ffices
Air Pressure Positive		Task Lighting	
Air Pressure Negative		Darkenable or Dimmable	
Air Filtration at Supply or Ex	haust	Special Lighting	
Other		Natural Daylight Preferred or	-
		, ,	
CASEWORK/MILLWORK/	FURNITURE	EQUIPMENT	
Space Type		Refrigerator	
Private	х	Microwave	
Semi Private		Coffee Machine	
Open		Dishwasher	
Public		Printer/ Scanner	
Tables w/ seating	х	Plotter	
Wall Cabinets or Shelves		Copier	
Sofa/ Lounge chairs	х	Computers	
Flexible furniture		Other	
Other			
		ADJACENCY CRITERIA	
		Primary Adjacency	Large
			Librar

PLUMBING

FUNCTIONAL CRITERIA	PERFORMANCE REQ
Multipurpose room, conference	NC Acoustical Criteria
distance learning, lecture prep,	Acoustical Panels
podcast or multimedia recording	Privacy Criteria
	STC Rating

REMARKS:

UTILIZATION

PLUMBING		AV	
Sinks		Distance Learning	х
Standard		Video Conferencing	x
ADA		Projection Surface	Green screen
Scullery		Flat screen Monitors	х
Other		Power at Table	х
		Data at Table	х
		Lectern or Other	x
		Smartboard	~
		Speakers	x
ELECTRICAL			
Electrical Raceway		ARCHITECTURAL	
110V, 20A, 1 Phase	x	Walls/Partitions	
208V, 30A, 1 Phase	~	GWB, Paint	x
208V, 30A, 3 Phase		GWB, Epoxy Paint	
480V, 100A, 3 Phase		CMU, Paint	
Emergency/ Standby Power		Other	
UPS (OFOI)		Wall Protection	
Other		Corner Guards	
Other		Crash Rails	
LIGHTING		Other	
Lighting Level		Flooring	
80-100 fc at bench/desk (labe)	Resilient/ Vinyl free tile	x
30-60 fc at bench/desk (o	'	Resilient Sheet	
Task Lighting	inces)	Concrete	
Darkenable or Dimmable	x	Resinous/ Epoxy	
Special Lighting		Carpet	
Natural Daylight Preferred or	x	Other Base	
EQUIPMENT		4" Rubber	Y
Refrigerator		Integral w/floor	X
Microwave		•	
Coffee Machine		Ceiling	
		Open	
Dishwasher		Acoustic Tile	х
Printer/ Scanner		Gyp. Board	9'
Plotter		Height	9'
Copier		5	
Computers		Doors	
Other		Size	3'-0"x7'-0"
		Туре	Single Flush
ADJACENCY CRITERIA		Operable Wall	
	Large Classroom	Vision Panel	
Secondary Adjacency	_ibrary Commons	Special Hardware or Sea	als
PERFORMANCE REQUIRE	MENTS	SECURITY	
NC Acoustical Criteria	25-30	Locks	
Acoustical Panels	x	Card Access	х
Privacy Criteria			
STC Rating			
5			



A1-12 STUDENT ORGANIZATION STORAGE

UTILIZATION	PLUMBING	AV
Hours of Operation	Sinks	Distance Learning
8 hours/day	Standard	Video Conferencing
14 hours/day	ADA	Projection Surface
24 hours/day x	Scullery	Flat screen Monitors
	Other	Power at Table
		Data at Table
SPACE OCCUPANY		Lectern or Other
No. Of Occupants		Smartboard
		Speakers
MECHANICAL	ELECTRICAL	
Temperature	Electrical Raceway	ARCHITECTURAL
70°-75° ± 1°F	110V, 20A, 1 Phase x	Walls/Partitions
72°F ± 2°F x	208V, 30A, 1 Phase	GWB, Paint x
Other	208V, 30A, 3 Phase	GWB, Epoxy Paint
Humidity	480V, 100A, 3 Phase	CMU, Paint
50%-25%±5% x	Emergency/ Standby Power	Other
Uncontrolled	UPS (OFOI)	Wall Protection
Other < 50%	Other	Corner Guards
15 ACH (Min)		Crash Rails
10 ACH (Min)	LIGHTING	Other
SACH (Min)	Lighting Level	Flooring
00% Make-up Air	80-100 fc at bench/desk (labs)	Resilient/ Vinyl free tile x
Recirculated Air x	30-60 fc at bench/desk (offices)	Resilient Sheet
Air Pressure Positive	Task Lighting	Concrete
Air Pressure Negative	Darkenable or Dimmable	Resinous/ Epoxy
Air Filtration at Supply or Exhaust	Special Lighting	Carpet
Other	Natural Daylight Preferred or x	Other
		Base
CASEWORK/MILLWORK/ FURNITURE		4" Rubber x
Space Type	Refrigerator	Integral w/floor
Private x	Microwave	Ceiling
Semi Private	Coffee Machine	Open
Open	Dishwasher	Acoustic Tile x
Public	Printer/ Scanner	Gyp. Board
ables w/ seating	Plotter	Height 9'
Vall Cabinets or Shelves	Copier	
Sofa/ Lounge chairs x	Computers	Doors
lexible furniture x	Other	Size 3'-0"x7'-0"
Other		Type Single Flush
	ADJACENCY CRITERIA	Operable Wall
	Primary Adjacency	Vision Panel x
	Secondary Adjacency	Special Hardware or Seals
UNCTIONAL CRITERIA	PERFORMANCE REQUIREMENTS	SECURITY
prayer/ quiet room	NC Acoustical Criteria	Locks
prayer/ quiet rooth	Acoustical Panels	Card Access x
	Privacy Criteria	
	STC Rating	
REMARKS:		

A1-13 WELLNESS/QUIET ROOMS PUBLIC & AMENITY

UTILIZATION	PLUMBING	
Hours of Operation	Sinks	
8 hours/day	Standard	Х
14 hours/day	ADA	
24 hours/day x	Scullery	
	Other	
SPACE OCCUPANY		
No. Of Occupants		
MECHANICAL	ELECTRICAL	
Temperature 70°-75° ± 1°F	Electrical Raceway	<u>_</u>
	110V, 20A, 1 Phase	Х
72°F ± 2°F x	208V, 30A, 1 Phase	
Other	208V, 30A, 3 Phase	
Humidity	480V, 100A, 3 Phase	
50%- 25%± 5% x	Emergency/ Standby Power	
Uncontrolled	UPS (OFOI)	
Other < 50%	Other	
15 ACH (Min)		
10 ACH (Min)	LIGHTING	
6 ACH (Min)	Lighting Level	
100% Make-up Air	80-100 fc at bench/desk (
Recirculated Air x	30-60 fc at bench/desk (o	ffices)
Air Pressure Positive	Task Lighting	
Air Pressure Negative	Darkenable or Dimmable	
Air Filtration at Supply or Exhaust	Special Lighting	
Other	Natural Daylight Preferred or	X
CASEWORK/MILLWORK/ FURNITURE	EQUIPMENT	
	Refrigerator	х
Space Type Private x	Microwave	^
	Coffee Machine	
Semi Private		
Open	Dishwasher	
Public	Printer/ Scanner	
Tables w/ seating	Plotter	
Wall Cabinets or Shelves	Copier	
Sofa/ Lounge chairs x	Computers	
Flexible furniture x	Other	
Other		
	ADJACENCY CRITERIA	
	Primary Adjacency	
	Secondary Adjacency	
FUNCTIONAL CRITERIA	PERFORMANCE REQUIRE	MENTO
		MEN 15
Lactation room, prayer/ quiet room	NC Acoustical Criteria	
	Acoustical Panels	
	Privacy Criteria	
	STC Rating	
REMARKS:		

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	AV	
	Distance Learning	
х	Video Conferencing	
	Projection Surface	
	Flat screen Monitors	
	Power at Table	
	Data at Table	
	Lectern or Other	
	Smartboard	
	Speakers	
	ARCHITECTURAL	
X	Walls/Partitions	
	GWB, Paint	Х
	GWB, Epoxy Paint	
	CMU, Paint	
	Other	
	Wall Protection	
	Corner Guards	
	Crash Rails	
	Other	
	Flooring	
s)	Resilient/ Vinyl free tile	x
es)	Resilient Sheet	
	Concrete	
	Resinous/ Epoxy	
	Carpet	
	Other	
x		
	Base	
	4" Rubber	Х
Х	Integral w/floor	
	Ceiling	
	Open	
	Acoustic Tile	Х
	Gyp. Board	
	Height	9'
	Doors	
	Size	3'-0"x7'-0"
	Туре	Single Flush
	Operable Wall	-
	Vision Panel	x
	Special Hardware or Se	
	,	
NTS	SECURITY	
	Locks	
	Card Access	х
		~

A1-14 LACTATION ROOM PUBLIC & AMENITY

UTILIZATION	PLUMBING	AV
Hours of Operation	Sinks	Distance Learning
8 hours/day	Standard x	Video Conferencing
14 hours/day	ADA	Projection Surface
24 hours/day x	Scullery	Flat screen Monitors
	Other	Power at Table
		Data at Table
SPACE OCCUPANY		Lectern or Other
No. Of Occupants		Smartboard
· · · · · · · · · · · · · · · · · · ·		Speakers
MECHANICAL	ELECTRICAL	
Temperature	Electrical Raceway	ARCHITECTURAL
70°-75° ± 1°F	110V, 20A, 1 Phase x	Walls/Partitions
72°F ± 2°F x	208V, 30A, 1 Phase	GWB, Paint x
Other	208V, 30A, 3 Phase	GWB, Epoxy Paint
Humidity	480V, 100A, 3 Phase	CMU, Paint
50%- 25%± 5% x	Emergency/ Standby Power	Other
Uncontrolled	UPS (OFOI)	Wall Protection
Other < 50%	Other	Corner Guards
15 ACH (Min)		Crash Rails
10 ACH (Min)	LIGHTING	Other
6 ACH (Min)	Lighting Level	Flooring
100% Make-up Air	80-100 fc at bench/desk (labs)	Resilient/ Vinyl free tile x
Recirculated Air x	30-60 fc at bench/desk (offices)	Resilient Sheet
Air Pressure Positive	Task Lighting	Concrete
Air Pressure Negative	Darkenable or Dimmable	Resinous/ Epoxy
Air Filtration at Supply or Exhaust	Special Lighting	Carpet
Other	Natural Daylight Preferred or x	Other
		Base
CASEWORK/MILLWORK/ FURNITURE	EQUIPMENT	4" Rubber x
Space Type	Refrigerator x	Integral w/floor
Private x	Microwave	Ceiling
Semi Private	Coffee Machine	Open
Open	Dishwasher	Acoustic Tile x
Public	Printer/ Scanner	Gyp. Board
Tables w/ seating	Plotter	Height 9'
Wall Cabinets or Shelves	Copier	
Sofa/ Lounge chairs x	Computers	Doors
Flexible furniture x	Other	Size <u>3'-0"x7'-0"</u>
Other		Type Single Flush
	ADJACENCY CRITERIA	Operable Wall
	Primary Adjacency	Vision Panel x
	Secondary Adjacency	Special Hardware or Seals
FUNCTIONAL CRITERIA	PERFORMANCE REQUIREMENTS	SECURITY
Lactation room, prayer/ quiet room	NC Acoustical Criteria	Locks
	Acoustical Panels	Card Access x
	Privacy Criteria	
	STC Rating	

REMARKS:





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B - CLASSROOMS & TEACHING LABS



B1-1 LARGE FLAT CLASSROOM CLASSROOMS & TEACHING LABS

UTILIZATION Hours of Operation 8 hours/day 14 hours/day 24 hours/day	X
CLASSROOM OCCUPANY	
No. Of Occupants	100/200
MECHANICAL	
Temperature	
68°-75° ± 2°F	
72°F ± 2°F	Х
Other	
Humidity	
50%- 25%± 5%	
Uncontrolled	
Other < 50%	
15 ACH (Min)	
10 ACH (Min)	

ELECTRICAL

PLUMBING Sinks Standard

ADA Scullery Other

Electrical Raceway 110V, 20A, 1 Phase 208V, 30A, 1 Phase 208V, 30A, 3 Phase 480V, 100A, 3 Phase Emergency/ Standby Power UPS (OFOI) Other LIGHTING

EQUIPMENT

Refrigerator

Microwave

Dishwasher

Coffee Machine

Printer/ Scanne

Lighting Level 80-100 fc at bench/desk (labs) 30-60 fc at bench/desk (office: Task Lighting Darkenable or Dimmable Special Lighting Natural Daylight Preferred or not

CASEWORK/MILLWORK/ FURNITURE Space Type

х

Private Semi Private Open Guest Seating Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair

Air Filtration at Supply or Exhaust

6 ACH (Min)

Other

100% Make-up Air

Air Pressure Positive

Air Pressure Negative

Recirculated Air

Flexible Furniture Lateral File Cabinets

2 drawer 3 drawer Vertical File Cabinets 2 drawer

3 drawer Bookcases Conference Table Markerboard Tackboard

REMARKS:



Plotter Copier Computers Other

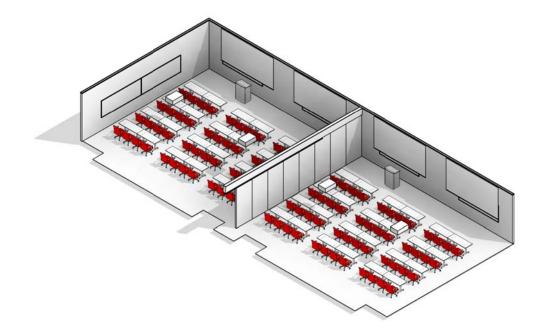
ADJACENCY CRITERIA Primary Adjacency Secondary Adjacency

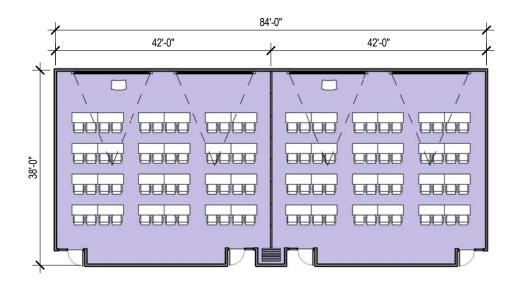
PERFORMANCE REQUIREMENTS NC Acoustical Criteria

Acoustical Panels Privacy Criteria Testing Other Criteria

Flat floor, multipurpose space with vertical operable wall partition. Flexible furniture, technology rich and able to flex between didactic, team based learning to fundraising events and banquets. Raised floor Ability to audio/video simulcast to and from all other classrooms/ meeting roms.

	AV Distance Learning Video Conferencing Projection Surface Flat screen Monitors Power at Table Data at Table Lectern or Other Smartboard	X X X X X X X
	ADOUNTEOTUDAL	
X	ARCHITECTURAL Walls/Partitions GWB, Paint GWB, Epoxy Paint Other	X
USB Outlets	Wall Protection Corner Guards Crash Rails	
bs)	Other Flooring Resilient/ Vinyl free tile Resilient Sheet	
Ce: X X	Concrete Rubber Carpet	X
Zoned ot X	Other Base 4" Rubber Integral w/floor	x
	Ceiling Open Acoustic Tile	
	Gyp. Board Height	12' min
	Doors Size Type Operable Wall Vision Panel	Vertical
Prefunction Space Seminar rooms	Special Hardware or Se	a Acoustic seals
ENTS	SECURITY	
25 60% coverage Yes	Locks Card Access	X







Line of One such an	
Hours of Operation	Sinks
8 hours/day	Standard
14 hours/day	X ADA
24 hours/day	Scullery
	Other
CLASSROOM OCCUPANY	
No. Of Occupants	50
MECHANICAL	ELECTRICAL
Temperature	Electrical Raceway
68°-75° ± 2°F	110V, 20A, 1 Phase
72°F ± 2°F	X 208V, 30A, 1 Phase
Other	208V, 30A, 3 Phase
Humidity	480V, 100A, 3 Phase
50%- 25%± 5%	X Emergency/ Standby Power
Uncontrolled	UPS (OFOI)
Other < 50%	Other
15 ACH (Min)	
10 ACH (Min)	LIGHTING
6 ACH (Min)	Lighting Level
100% Make-up Air	80-100 fc at bench/desk (labs
Recirculated Air	X 30-60 fc at bench/desk (office
Air Pressure Positive	X Task Lighting
	Darkenable or Dimmable
Air Pressure Negative Air Filtration at Supply or Exhaust	
Air Pressure Negative	Darkenable or Dimmable Special Lighting
Air Pressure Negative Air Filtration at Supply or Exhaust	Darkenable or Dimmable Special Lighting Natural Daylight Preferred or no
Air Pressure Negative Air Filtration at Supply or Exhaust Other CASEWORK/MILLWORK/ FURNIT	Darkenable or Dimmable Special Lighting Natural Daylight Preferred or no
Air Pressure Negative Air Filtration at Supply or Exhaust Other CASEWORK/MILLWORK/ FURNIT	Darkenable or Dimmable Special Lighting Natural Daylight Preferred or no
Air Pressure Negative Air Filtration at Supply or Exhaust Other CASEWORK/MILLWORK/ FURNIT Space Type	Darkenable or Dimmable Special Lighting Natural Daylight Preferred or no URE EQUIPMENT Refrigerator
Air Pressure Negative Air Filtration at Supply or Exhaust Other CASEWORK/MILLWORK/ FURNIT Space Type Private Semi Private	Darkenable or Dimmable Special Lighting Natural Daylight Preferred or no URE EQUIPMENT Refrigerator Microwave
Air Pressure Negative Air Filtration at Supply or Exhaust Other CASEWORK/MILLWORK/ FURNIT Space Type Private Semi Private Open	Darkenable or Dimmable Special Lighting Natural Daylight Preferred or no URE EQUIPMENT Refrigerator Microwave Coffee Machine
Air Pressure Negative Air Filtration at Supply or Exhaust Other CASEWORK/MILLWORK/ FURNIT Space Type Private Semi Private Open Guest Seating	Darkenable or Dimmable Special Lighting Natural Daylight Preferred or no URE EQUIPMENT Refrigerator Microwave Coffee Machine Dishwasher
Air Pressure Negative Air Filtration at Supply or Exhaust Other CASEWORK/MILLWORK/ FURNIT Space Type Private Semi Private Open Guest Seating Table w/ seating for 2-3	Darkenable or Dimmable Special Lighting Natural Daylight Preferred or no URE EQUIPMENT Refrigerator Microwave Coffee Machine Dishwasher Printer/ Scanner
Air Pressure Negative Air Filtration at Supply or Exhaust Other CASEWORK/MILLWORK/ FURNIT Space Type Private Semi Private Open Guest Seating Table w/ seating for 2-3 Wall Cabinets or Shelves	Darkenable or Dimmable Special Lighting Natural Daylight Preferred or no URE EQUIPMENT Refrigerator Microwave Coffee Machine Dishwasher Printer/ Scanner Plotter
Air Pressure Negative Air Filtration at Supply or Exhaust Other CASEWORK/MILLWORK/ FURNIT Space Type Private Semi Private Open Guest Seating Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair	Darkenable or Dimmable Special Lighting Natural Daylight Preferred or no URE EQUIPMENT Refrigerator Microwave Coffee Machine Dishwasher Printer/ Scanner Plotter Copier
Air Pressure Negative Air Filtration at Supply or Exhaust Other CASEWORK/MILLWORK/ FURNIT Space Type Private Semi Private Open Guest Seating Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture	Darkenable or Dimmable Special Lighting Natural Daylight Preferred or no URE EQUIPMENT Refrigerator Microwave Coffee Machine Dishwasher Printer/ Scanner Plotter Copier Computers
Air Pressure Negative Air Filtration at Supply or Exhaust Other CASEWORK/MILLWORK/ FURNIT Space Type Private Semi Private Open Guest Seating Table w/ seating for 2-3	Darkenable or Dimmable Special Lighting Natural Daylight Preferred or no URE EQUIPMENT Refrigerator Microwave Coffee Machine Dishwasher Printer/ Scanner Plotter Copier Computers
Air Pressure Negative Air Filtration at Supply or Exhaust Other CASEWORK/MILLWORK/ FURNIT Space Type Private Semi Private Open Guest Seating Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture Lateral File Cabinets	Darkenable or Dimmable Special Lighting Natural Daylight Preferred or no URE EQUIPMENT Refrigerator Microwave Coffee Machine Dishwasher Printer/ Scanner Plotter Copier Computers X Other ADJACENCY CRITERIA
Air Pressure Negative Air Filtration at Supply or Exhaust Other CASEWORK/MILLWORK/ FURNIT Space Type Private Semi Private Open Guest Seating Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture Lateral File Cabinets 2 drawer 3 drawer	Darkenable or Dimmable Special Lighting Natural Daylight Preferred or no URE EQUIPMENT Refrigerator Microwave Coffee Machine Dishwasher Printer/ Scanner Plotter Copier Computers X Other ADJACENCY CRITERIA Primary Adjacency
Air Pressure Negative Air Filtration at Supply or Exhaust Other CASEWORK/MILLWORK/ FURNIT Space Type Private Semi Private Open Guest Seating Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture Lateral File Cabinets 2 drawer 3 drawer	Darkenable or Dimmable Special Lighting Natural Daylight Preferred or no URE EQUIPMENT Refrigerator Microwave Coffee Machine Dishwasher Printer/ Scanner Plotter Copier Computers X Other ADJACENCY CRITERIA
Air Pressure Negative Air Filtration at Supply or Exhaust Other CASEWORK/MILLWORK/ FURNIT Space Type Private Semi Private Open Guest Seating Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture Lateral File Cabinets 2 drawer 3 drawer Vertical File Cabinets	Darkenable or Dimmable Special Lighting Natural Daylight Preferred or no URE EQUIPMENT Refrigerator Microwave Coffee Machine Dishwasher Printer/ Scanner Plotter Copier Computers X Other ADJACENCY CRITERIA Primary Adjacency Secondary Adjacency
Air Pressure Negative Air Filtration at Supply or Exhaust Other CASEWORK/MILLWORK/ FURNIT Space Type Private Semi Private Open Guest Seating Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture Lateral File Cabinets 2 drawer 3 drawer Vertical File Cabinets 2 drawer 3 drawer 3 drawer	Darkenable or Dimmable Special Lighting Natural Daylight Preferred or no URE EQUIPMENT Refrigerator Microwave Coffee Machine Dishwasher Printer/ Scanner Plotter Copier Computers X Other ADJACENCY CRITERIA Primary Adjacency Secondary Adjacency
Air Pressure Negative Air Filtration at Supply or Exhaust Other CASEWORK/MILLWORK/ FURNIT Space Type Private Semi Private Open Guest Seating Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture Lateral File Cabinets 2 drawer 3 drawer Vertical File Cabinets 2 drawer 3 drawer Bookcases	Darkenable or Dimmable Special Lighting Natural Daylight Preferred or no URE EQUIPMENT Refrigerator Microwave Coffee Machine Dishwasher Printer/ Scanner Plotter Copier Computers X Other ADJACENCY CRITERIA Primary Adjacency Secondary Adjacency
Air Pressure Negative Air Filtration at Supply or Exhaust Other CASEWORK/MILLWORK/ FURNIT Space Type Private Semi Private Open Guest Seating Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture Lateral File Cabinets 2 drawer 3 drawer Vertical File Cabinets 2 drawer 3 drawer Bookcases Conference Table	Darkenable or Dimmable Special Lighting Natural Daylight Preferred or no URE EQUIPMENT Refrigerator Microwave Coffee Machine Dishwasher Printer/ Scanner Plotter Copier Computers X Other ADJACENCY CRITERIA Primary Adjacency Secondary Adjacency
Air Pressure Negative Air Filtration at Supply or Exhaust Other CASEWORK/MILLWORK/ FURNIT Space Type Private Semi Private Open Guest Seating Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture Lateral File Cabinets 2 drawer 3 drawer Vertical File Cabinets 2 drawer 2 drawer 2 drawer	Darkenable or Dimmable Special Lighting Natural Daylight Preferred or not URE EQUIPMENT Refrigerator Microwave Coffee Machine Dishwasher Printer/ Scanner Plotter Copier Computers X Other ADJACENCY CRITERIA Primary Adjacency Secondary Adjacency DERFORMANCE REQUIREME NC Acoustical Criteria Acoustical Panels

PLUMBING

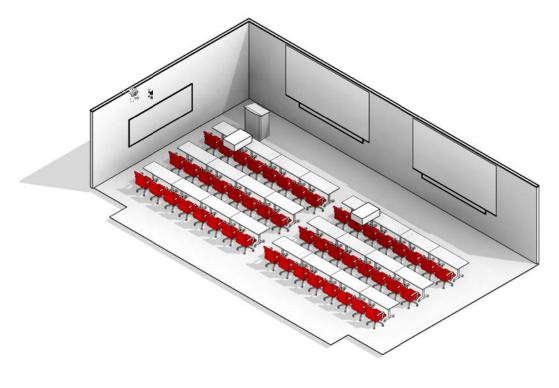
UTILIZATION

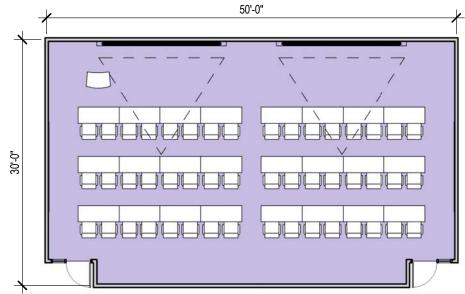
One large 128p space that divides into two 64p spaces. Configure to allow multiple furn ure layc enabled. Markerboards should not be covered by projection screen. Data - wireless. Consider power from floor. Ability to audio/video simulcast to and from all other classrooms/ meeting and debriefing rooms.

B1-2 MEDIUM CLASSROOM CLASSROOMS & TEACHING LABS

	AV Distance Learning Video Conferencing Projection Surface Flat screen Monitors Power at Table Data at Table Lectern or Other Smartboard	x x x x x x
X	ARCHITECTURAL Walls/Partitions GWB, Paint GWB, Epoxy Paint Other Wall Protection Corner Guards	X
USB Outlets	Crash Rails Other	
os)	Flooring Resilient/ Vinyl free tile Resilient Sheet	
205) 205 205 205 205 205 205 205 205 205 205	Concrete Rubber Carpet Other	X
ot X	Base 4" Rubber Integral w/floor Ceiling Open	
	Acoustic Tile Gyp. Board Height	X 11'-0" min.
	Doors Size Type Operable Wall Vision Panel Special Hardware or Sea	X- Electric
35-40 X	SECURITY Locks Card Access	X





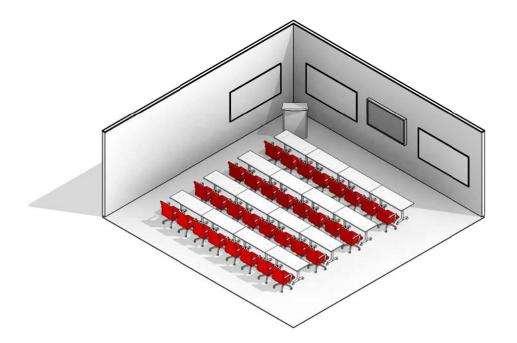


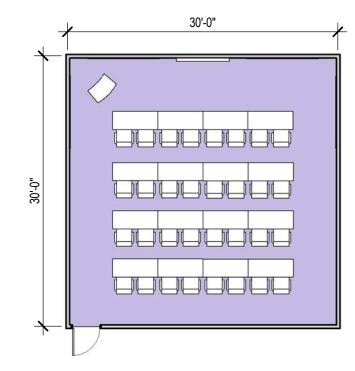


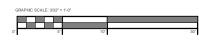
B1-3 DATA ANALYTICS/COMPUTER/TESTING LAB 50p CLASSROOMS & TEACHING LABS

UTILIZATION		PLUMBING		AV	
Hours of Operation		Sinks		Distance Learning	х
8 hours/day		Standard		Video Conferencing	х
14 hours/day	Х	ADA		Projection Surface	х
24 hours/day		Scullery		Flat screen Monitors	х
		Other		Power at Table	х
				Data at Table	
CLASSROOM OCCUPANY				Lectern or Other	х
No. Of Occupants	50			Smartboard	
MECHANICAL		ELECTRICAL			
Temperature		Electrical Raceway		ARCHITECTURAL	
68°-75° ± 2°F		110V, 20A, 1 Phase	Х	Walls/Partitions	
72°F ± 2°F	Х	208V, 30A, 1 Phase		GWB, Paint	Х
Other		208V, 30A, 3 Phase		GWB, Epoxy Paint	
Humidity		480V, 100A, 3 Phase		Other	
50%- 25%± 5%	Х	Emergency/ Standby Power		Wall Protection	
Uncontrolled		UPS (OFOI)		Corner Guards	
Other < 50%		· · · · · · · · · · · · · · · · · · ·	SB Outlets	Crash Rails	
15 ACH (Min)				Other	
10 ACH (Min)		LIGHTING		Flooring	
6 ACH (Min)		Lighting Level		Resilient/ Vinyl free tile	
100% Make-up Air		80-100 fc at bench/desk (labs)		Resilient Sheet	
Recirculated Air	Х	30-60 fc at bench/desk (offices	30-60	Concrete	
Air Pressure Positive	X	Task Lighting	00-00	Rubber	Х
Air Pressure Negative	~	Darkenable or Dimmable	Х	Carpet	
Air Filtration at Supply or Exhau	let	Special Lighting	zoned	Other	-
Other	131	Natural Daylight Preferred or not	X	Base	
-			Λ	4" Rubber	
CASEWORK/MILLWORK/ FU	RNITURE	EQUIPMENT		Integral w/floor	
Space Type		Refrigerator		Ceiling	
Private		Microwave		Open	
Semi Private		Coffee Machine		Acoustic Tile	Х
Open		Dishwasher		Gyp. Board	
Guest Seating		Printer/ Scanner		Height	11'-0" min.
Table w/ seating for 2-3		Plotter		-	
Wall Cabinets or Shelves		Copier		Doors	
		Computers		Size	
Flexible Furniture	Х	Other		Туре	
Lateral File Cabinets	20			Operable Wall	X- Electric
2 drawer		ADJACENCY CRITERIA		Vision Panel	
3 drawer		Primary Adjacency		Special Hardware or Sea	Acoustic seals
Vertical File Cabinets		Secondary Adjacency			
2 drawer					
3 drawer		PERFORMANCE REQUIREMENTS		SECURITY	
Bookcases		NC Acoustical Criteria	35-40	Locks	Х
Conference Table		Acoustical Panels	35-40 X	Card Access	^
Markerboard	Х	Privacy Criteria	^	Caru ACCESS	
Tackboard	^	· · · · · · · · · · · · · · · · · · ·	Yes		
		Testing Criteria Other Criteria	162		
REMARKS:					

Consider power from floor. Ability to audio/video simulcast to and from all other classrooms/ meeting and debriefing rooms.





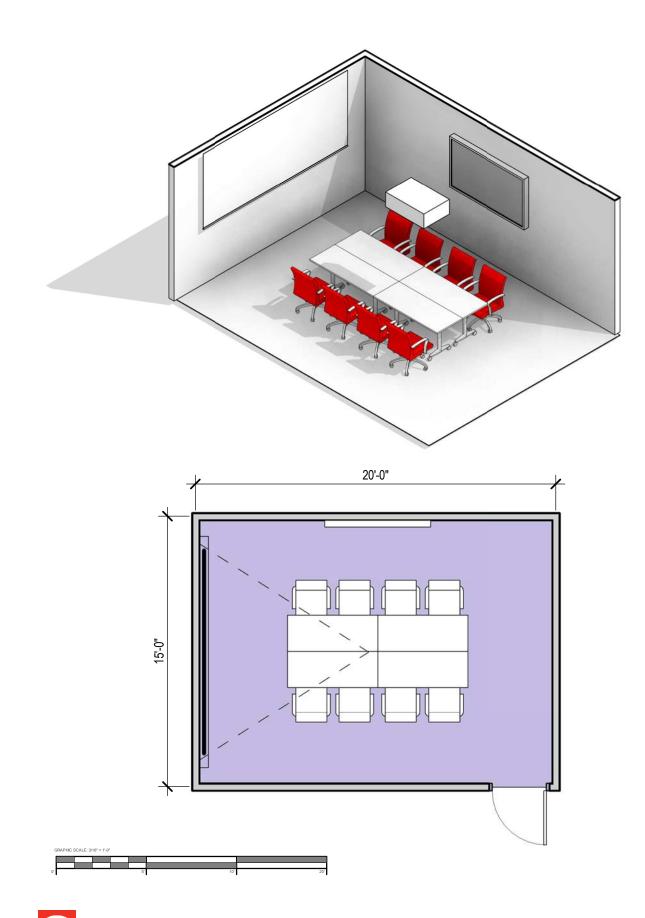


UTILIZATION		PLUMBING
Hours of Operation		Sinks
8 hours/day		Standard
14 hours/day	Х	ADA
24 hours/day		Scullery
		Other
CLASSROOM OCCUPANY		
No. Of Occupants	30	
MECHANICAL		ELECTRICAL
Temperature		Electrical Raceway
68°-75° ± 2°F		110V, 20A, 1 Phase
72°F ± 2°F	Х	208V, 30A, 1 Phase
Other		208V, 30A, 3 Phase
Humidity		480V, 100A, 3 Phase
50%- 25%± 5%	Х	Emergency/ Standby Po
Uncontrolled		UPS (OFOI)
Other < 50%		Other
15 ACH (Min)		
10 ACH (Min)		LIGHTING
6 ACH (Min)		Lighting Level
100% Make-up Air		80-100 fc at bench/de
Recirculated Air	Х	30-60 fc at bench/des
Air Pressure Positive	Х	Task Lighting
Air Pressure Negative		Darkenable or Dimmable
•	haust	
Air Filtration at Supply or Ex	haust	Darkenable or Dimmable Special Lighting
Air Pressure Negative Air Filtration at Supply or Ex Other		Darkenable or Dimmable Special Lighting Natural Daylight Preferre
Air Filtration at Supply or Ex Other CASEWORK/MILLWORK/		Darkenable or Dimmable Special Lighting Natural Daylight Preferre
Air Filtration at Supply or E> Other CASEWORK/MILLWORK/ Space Type		Darkenable or Dimmable Special Lighting Natural Daylight Preferre EQUIPMENT Refrigerator
Air Filtration at Supply or Ex Other CASEWORK/MILLWORK/ Space Type Private		Darkenable or Dimmable Special Lighting Natural Daylight Preferre EQUIPMENT Refrigerator Microwave
Air Filtration at Supply or Ex Other CASEWORK/MILLWORK/ Space Type Private Semi Private		Darkenable or Dimmable Special Lighting Natural Daylight Preferre EQUIPMENT Refrigerator Microwave Coffee Machine
Air Filtration at Supply or Ex Other CASEWORK/MILLWORK/ Space Type Private Semi Private Open		Darkenable or Dimmable Special Lighting Natural Daylight Preferre EQUIPMENT Refrigerator Microwave Coffee Machine Dishwasher
Air Filtration at Supply or Ex Other CASEWORK/MILLWORK/ Space Type Private Semi Private Open Guest Seating		Darkenable or Dimmable Special Lighting Natural Daylight Preferre EQUIPMENT Refrigerator Microwave Coffee Machine Dishwasher Printer/ Scanner
Air Filtration at Supply or Ex Other CASEWORK/MILLWORK/ Space Type Private Semi Private Open Guest Seating Table w/ seating for 2-3		Darkenable or Dimmable Special Lighting Natural Daylight Preferre EQUIPMENT Refrigerator Microwave Coffee Machine Dishwasher Printer/ Scanner Plotter
Air Filtration at Supply or Ex Other CASEWORK/MILLWORK/ Space Type Private Semi Private Open Guest Seating Table w/ seating for 2-3 Wall Cabinets or Shelves		Darkenable or Dimmable Special Lighting Natural Daylight Preferre EQUIPMENT Refrigerator Microwave Coffee Machine Dishwasher Printer/ Scanner
Air Filtration at Supply or E> Other CASEWORK/MILLWORK/ Space Type Private Semi Private Open Guest Seating Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair	FURNITURE	Darkenable or Dimmable Special Lighting Natural Daylight Preferre EQUIPMENT Refrigerator Microwave Coffee Machine Dishwasher Printer/ Scanner Plotter
Air Filtration at Supply or Ex Other CASEWORK/MILLWORK/ Space Type Private Semi Private Open Guest Seating Table w/ seating for 2-3 Wall Cabinets or Shelves		Darkenable or Dimmable Special Lighting Natural Daylight Preferre EQUIPMENT Refrigerator Microwave Coffee Machine Dishwasher Printer/ Scanner Plotter Copier
Air Filtration at Supply or E> Other CASEWORK/MILLWORK/ Space Type Private Semi Private Open Guest Seating Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture	FURNITURE	Darkenable or Dimmable Special Lighting Natural Daylight Preferre EQUIPMENT Refrigerator Microwave Coffee Machine Dishwasher Printer/ Scanner Plotter Copier Computers Other
Air Filtration at Supply or Ex Other CASEWORK/MILLWORK/ Space Type Private Semi Private Open Guest Seating Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture Lateral File Cabinets 2 drawer	FURNITURE	Darkenable or Dimmable Special Lighting Natural Daylight Preferre EQUIPMENT Refrigerator Microwave Coffee Machine Dishwasher Printer/ Scanner Plotter Copier Computers Other ADJACENCY CRITERIA
Air Filtration at Supply or Ex Other CASEWORK/MILLWORK/ Space Type Private Semi Private Open Guest Seating Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture Lateral File Cabinets 2 drawer 3 drawer	FURNITURE	Darkenable or Dimmable Special Lighting Natural Daylight Preferre EQUIPMENT Refrigerator Microwave Coffee Machine Dishwasher Printer/ Scanner Plotter Copier Computers
Air Filtration at Supply or Ex Other CASEWORK/MILLWORK/ Space Type Private Semi Private Open Guest Seating Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture Lateral File Cabinets 2 drawer	FURNITURE	Darkenable or Dimmable Special Lighting Natural Daylight Preferre EQUIPMENT Refrigerator Microwave Coffee Machine Dishwasher Printer/ Scanner Plotter Copier Computers Other ADJACENCY CRITERIA
Air Filtration at Supply or Ex Other CASEWORK/MILLWORK/ Space Type Private Semi Private Open Guest Seating Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture Lateral File Cabinets 2 drawer 3 drawer	FURNITURE	Darkenable or Dimmable Special Lighting Natural Daylight Preferre EQUIPMENT Refrigerator Microwave Coffee Machine Dishwasher Printer/ Scanner Plotter Copier Computers Other ADJACENCY CRITERIA Primary Adjacency
Air Filtration at Supply or E> Other CASEWORK/MILLWORK/ Space Type Private Semi Private Open Guest Seating Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture Lateral File Cabinets 2 drawer 3 drawer Vertical File Cabinets	FURNITURE	Darkenable or Dimmable Special Lighting Natural Daylight Preferre EQUIPMENT Refrigerator Microwave Coffee Machine Dishwasher Printer/ Scanner Plotter Copier Computers Other ADJACENCY CRITERIA Primary Adjacency Secondary Adjacency
Air Filtration at Supply or Ex Other CASEWORK/MILLWORK/ Space Type Private Semi Private Open Guest Seating Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture Lateral File Cabinets 2 drawer 3 drawer Vertical File Cabinets 2 drawer	FURNITURE	Darkenable or Dimmable Special Lighting Natural Daylight Preferre EQUIPMENT Refrigerator Microwave Coffee Machine Dishwasher Printer/ Scanner Plotter Copier Computers Other ADJACENCY CRITERIA Primary Adjacency
Air Filtration at Supply or E> Other CASEWORK/MILLWORK/ Space Type Private Semi Private Open Guest Seating Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture Lateral File Cabinets 2 drawer 3 drawer Vertical File Cabinets 2 drawer 3 drawer	FURNITURE	Darkenable or Dimmable Special Lighting Natural Daylight Preferrer EQUIPMENT Refrigerator Microwave Coffee Machine Dishwasher Printer/ Scanner Plotter Copier Computers Other ADJACENCY CRITERIA Primary Adjacency Secondary Adjacency
Air Filtration at Supply or Ex Other CASEWORK/MILLWORK/ Space Type Private Semi Private Open Guest Seating Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture Lateral File Cabinets 2 drawer 3 drawer Vertical File Cabinets 2 drawer 3 drawer Bookcases	FURNITURE	Darkenable or Dimmable Special Lighting Natural Daylight Preferre EQUIPMENT Refrigerator Microwave Coffee Machine Dishwasher Printer/ Scanner Plotter Copier Computers Other ADJACENCY CRITERI/ Primary Adjacency Secondary Adjacency PERFORMANCE REQU
Air Filtration at Supply or E> Other CASEWORK/MILLWORK/ Space Type Private Semi Private Open Guest Seating Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture Lateral File Cabinets 2 drawer 3 drawer Vertical File Cabinets 2 drawer 3 drawer Bookcases Conference Table	FURNITURE	Darkenable or Dimmable Special Lighting Natural Daylight Preferre EQUIPMENT Refrigerator Microwave Coffee Machine Dishwasher Printer/ Scanner Plotter Copier Computers Other ADJACENCY CRITERIA Primary Adjacency Secondary Adjacency PERFORMANCE REQU NC Acoustical Criteria Acoustical Panels
Air Filtration at Supply or E> Other CASEWORK/MILLWORK/ Space Type Private Semi Private Open Guest Seating Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture Lateral File Cabinets 2 drawer 3 drawer Vertical File Cabinets 2 drawer 3 drawer Bookcases Conference Table Markerboard	FURNITURE	Darkenable or Dimmable Special Lighting Natural Daylight Preferre EQUIPMENT Refrigerator Microwave Coffee Machine Dishwasher Printer/ Scanner Plotter Copier Computers Other ADJACENCY CRITERI/ Primary Adjacency Secondary Adjacency PERFORMANCE REQU NC Acoustical Criteria Acoustical Panels Privacy Criteria
Air Filtration at Supply or E> Other CASEWORK/MILLWORK/ Space Type Private Semi Private Open Guest Seating Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture Lateral File Cabinets 2 drawer 3 drawer Vertical File Cabinets 2 drawer 3 drawer Bookcases Conference Table Markerboard	FURNITURE	Darkenable or Dimmable Special Lighting Natural Daylight Preferre EQUIPMENT Refrigerator Microwave Coffee Machine Dishwasher Printer/ Scanner Plotter Copier Computers Other ADJACENCY CRITERIA Primary Adjacency Secondary Adjacency PERFORMANCE REQU NC Acoustical Criteria Acoustical Panels Privacy Criteria

B1-6 SMALL CLASSROOM CLASSROOMS & TEACHING LABS

	AV	
	Distance Learning	
	Video Conferencing	Х
	Projection Surface	
	Flat screen Monitors	Х
	Power at Table	X
	Data at Table	X
	Lectern or Other	
	Smartboard	
	Smartboard	
	ARCHITECTURAL	
	Walls/Partitions	X
	GWB, Paint	X
	GWB, Epoxy Paint	
	Other	
	Wall Protection	
	Corner Guards	
	Crash Rails	
	Other	
	Flooring	
	Resilient/ Vinyl free tile	
(labs)	Resilient Sheet	
office: X	Concrete	
	Rubber	Х
X	Carpet	
	Other	
r not X	Base	
	4" Rubber	
	Integral w/floor	
	Ceiling	
	Open	
	Acoustic Tile	X
	Gyp. Board	~
		11'
	Height	
·	Doors	
	Size	
	Operable Wall	
	Vision Panel	<u>X</u>
	Special Hardware or Sea	315
MENTO	OF OUDITY	
MENTS	SECURITY	X
35-40	Locks	Х
<u> </u>	Card Access	





B1-7 SMALL GROUP ROOMS 10p CLASSROOMS & TEACHING LABS

UTILIZATION		PLUMBING
Hours of Operation		Sinks
8 hours/day		Standard
14 hours/day	Х	ADA
24 hours/day		Scullery
		Other
CLASSROOM OCCUPANY		
No. Of Occupants	10	
MECHANICAL		ELECTRICAL
Temperature		Electrical Raceway
68°-75° ± 2°F		110V, 20A, 1 Phase
72°F ± 2°F	Х	208V, 30A, 1 Phase
Other		208V, 30A, 3 Phase
Humidity		480V, 100A, 3 Phase
50%- 25%± 5%	Х	Emergency/ Standby Powe
Uncontrolled		UPS (OFOI)
Other < 50%		Other
15 ACH (Min)		
10 ACH (Min)		LIGHTING
6 ACH (Min)		Lighting Level
100% Make-up Air		80-100 fc at bench/desk
Recirculated Air	Х	30-60 fc at bench/desk (
Air Pressure Positive	Х	Task Lighting
Air Pressure Negative		Darkenable or Dimmable
Air Filtration at Supply or Ex	haust	Special Lighting
Other		Natural Daylight Preferred of
CASEWORK/MILLWORK/	FURNITURE	EQUIPMENT
Space Type		Refrigerator
Private		Microwave
Semi Private		Coffee Machine
Open		Dishwasher
Guest Seating		Printer/ Scanner
Table w/ seating for 2-3		Plotter
Wall Cabinets or Shelves		Copier
Sofa/ Lounge chair		Computers
Flexible Furniture	Χ	Other
Lateral File Cabinets		
Lateral File Cabinets 2 drawer		ADJACENCY CRITERIA
		ADJACENCY CRITERIA Primary Adjacency
2 drawer 3 drawer		
		Primary Adjacency
2 drawer 3 drawer Vertical File Cabinets		Primary Adjacency Secondary Adjacency
2 drawer 3 drawer Vertical File Cabinets 2 drawer		Primary Adjacency Secondary Adjacency
2 drawer 3 drawer Vertical File Cabinets 2 drawer 3 drawer		Primary Adjacency Secondary Adjacency PERFORMANCE REQUIRI
2 drawer 3 drawer Vertical File Cabinets 2 drawer 3 drawer Bookcases Conference Table		Primary Adjacency Secondary Adjacency PERFORMANCE REQUIRI NC Acoustical Criteria
2 drawer 3 drawer Vertical File Cabinets 2 drawer 3 drawer Bookcases Conference Table		Primary Adjacency Secondary Adjacency PERFORMANCE REQUIRI NC Acoustical Criteria Acoustical Panels
2 drawer 3 drawer Vertical File Cabinets 2 drawer 3 drawer Bookcases Conference Table Markerboard Tackboard		Primary Adjacency Secondary Adjacency PERFORMANCE REQUIRI NC Acoustical Criteria Acoustical Panels Privacy Criteria
2 drawer 3 drawer Vertical File Cabinets 2 drawer 3 drawer Bookcases Conference Table Markerboard		Primary Adjacency Secondary Adjacency PERFORMANCE REQUIR NC Acoustical Criteria Acoustical Panels Privacy Criteria Testing Criteria
2 drawer 3 drawer Vertical File Cabinets 2 drawer 3 drawer Bookcases Conference Table Markerboard Tackboard		Primary Adjacency Secondary Adjacency PERFORMANCE REQUIR NC Acoustical Criteria Acoustical Panels Privacy Criteria Testing Criteria

	AV
	Distance Learn Video Confere Projection Sur Flat screen Mu Power at Table Data at Table Lectern or Oth Smartboard
=	ARCHITECTU Walls/Partition GWB, Pai GWB, Epc Other Wall Protection Corner Gu Crash Rail Other Flooring Resilient/ Resilie
NTS 35-40 X	SECURITY Locks Card Acce

AV	
Distance Learning	
Video Conferencing	Х
Projection Surface	
Flat screen Monitors	Х
Power at Table	Х
Data at Table	Х
Lectern or Other	Х
Smartboard	
ARCHITECTURAL	
Walls/Partitions	
GWB, Paint	Х
GWB, Epoxy Paint	
Other	
Wall Protection	
Corner Guards	
Crash Rails	
Other	
Flooring	
Resilient/ Vinyl free tile	
Resilient Sheet	
Concrete	
Rubber	Х
Carpet	
Other	
Base	
4" Rubber	
Integral w/floor	
Ceiling	
Open	
Acoustic Tile	Х
Gyp. Board	
Height	10'
Doors	
Size	
0.20	
Type	
Type Operable Wall	
Operable Wall	Y
Operable Wall Vision Panel	X
Operable Wall	
Operable Wall Vision Panel Special Hardware or Sea	
Operable Wall Vision Panel Special Hardware or Sea SECURITY	ls
Operable Wall Vision Panel Special Hardware or Sea SECURITY Locks	
Operable Wall Vision Panel Special Hardware or Sea SECURITY	ls

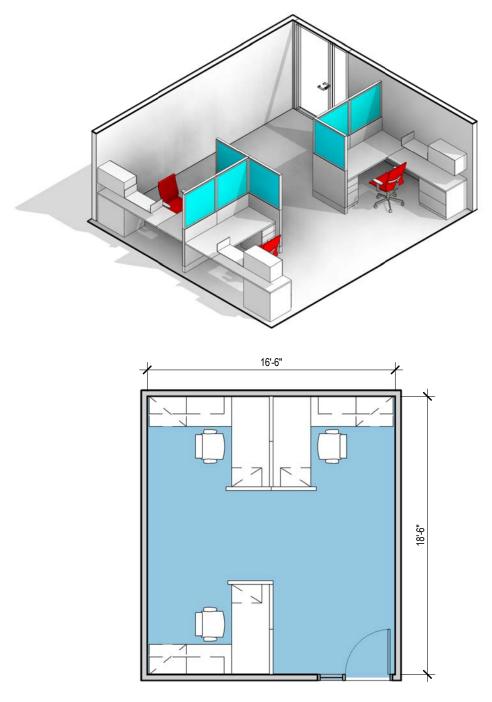
B1-8 CLASSROOM STORAGE CLASSROOMS & TEACHING LABS

UTILIZATION	PLUMBING	AV	UTILIZATION	PLUMBING
Hours of Operation	Sinks	Distance Learning	Hours of Operation	Sinks
8 hours/day	Standard	Video Conferencing	8 hours/day	Standard
14 hours/day	ADA	Projection Surface	14 hours/day	ADA
24 hours/day X	Scullery	Flat screen Monitors	24 hours/day X	Scullery
	Other	Power at Table		Other
		Data at Table		
CLASSROOM OCCUPANY		Lectern or Other	CLASSROOM OCCUPANY	
No. Of Occupants		Smartboard	No. Of Occupants	
MECHANICAL	ELECTRICAL		MECHANICAL	ELECTRICAL
Temperature	Electrical Raceway	ARCHITECTURAL	Temperature	Electrical Raceway
68°-75° ± 2°F	110V, 20A, 1 Phase X	Walls/Partitions	68°-75° ± 2°F	110V, 20A, 1 Phase
72°F ± 2°F X	208V. 30A. 1 Phase	GWB. Paint X	72°F ± 2°F X	208V, 30A, 1 Phase
Other	208V, 30A, 3 Phase	GWB, Epoxy Paint	Other	208V, 30A, 3 Phase
Humidity	480V, 100A, 3 Phase	Other	Humidity	480V, 100A, 3 Phase
50%- 25%± 5%	Emergency/ Standby Power	Wall Protection	50%- 25%± 5%	Emergency/ Standby Power
Uncontrolled	UPS (OFOI)	Corner Guards	Uncontrolled	UPS (OFOI)
Other < 50%	Other	Crash Rails	Other < 50%	Other
15 ACH (Min)		Other	15 ACH (Min)	Ouloi
10 ACH (Min)	LIGHTING	Flooring	10 ACH (Min)	LIGHTING
6 ACH (Min)	Lighting Level	Resilient/ Vinyl free tile X	6 ACH (Min)	Lighting Level
100% Make-up Air	80-100 fc at bench/desk (labs)	Resilient Sheet	100% Make-up Air	80-100 fc at bench/desk (lat
Recirculated Air X	30-60 fc at bench/desk (offices)	Concrete	Recirculated Air X	30-60 fc at bench/desk (offic
Air Pressure Positive X	Task Lighting	Rubber	Air Pressure Positive	Task Lighting
Air Pressure Negative	Darkenable or Dimmable	Carpet	Air Pressure Negative	Darkenable or Dimmable
Air Filtration at Supply or Exhaust	Special Lighting	Other	Air Filtration at Supply or Exhaust	Special Lighting
Other	Natural Daylight Preferred or not	Base	Other	Natural Daylight Preferred or no
		4" Rubber X		Natural Daylight Freiened of h
CASEWORK/MILLWORK/ FURNITURE	EQUIPMENT	Integral w/floor	CASEWORK/MILLWORK/ FURNITURE	EQUIPMENT
Space Type	Refrigerator	Ceiling	Space Type	Refrigerator
Private	Microwave	Open	Private	Microwave
Semi Private	Coffee Machine	Acoustic Tile	Semi Private	Coffee Machine
Open	Dishwasher	Gyp. Board	Open	Dishwasher
Guest Seating	Printer/ Scanner	Height	Guest Seating	Printer/ Scanner
Table w/ seating for 2-3	Plotter		Table w/ seating for 2-3	Plotter
Wall Cabinets or Shelves	Copier	Doors	Wall Cabinets or Shelves	Copier
Sofa/ Lounge chair	Computers	Size	Sofa/ Lounge chair	Computers
Flexible Furniture	Other	Туре	Flexible Furniture	Other
Lateral File Cabinets		Operable Wall	Lateral File Cabinets	
2 drawer	ADJACENCY CRITERIA	Vision Panel	2 drawer	ADJACENCY CRITERIA
3 drawer	Primary Adjacency Large Classroom	Special Hardware or Seals	3 drawer	Primary Adjacency
Vertical File Cabinets	Secondary Adjacency Medium Classroom		Vertical File Cabinets	Secondary Adjacency
2 drawer			2 drawer	
3 drawer	PERFORMANCE REQUIREMENTS	SECURITY	3 drawer	PERFORMANCE REQUIREME
Bookcases	NC Acoustical Criteria	Locks X	Bookcases	NC Acoustical Criteria
Conference Table	Acoustical Panels	Card Access	Conference Table	Acoustical Panels
Markerboard	Privacy Criteria		Markerboard	Privacy Criteria
Tackboard	Testing Criteria		Tackboard	Testing Criteria
	Other Criteria			Other Criteria
REMARKS:			REMARKS:	

B1-9 IT SPACE CLASSROOMS & TEACHING LABS

\equiv	AV Distance Learning Video Conferencing Projection Surface Flat screen Monitors Power at Table Data at Table Lectern or Other Smartboard	
X	ARCHITECTURAL Walls/Partitions GWB, Paint GWB, Epoxy Paint Other Wall Protection Corner Guards Crash Rails Other Flooring Resilient/ Vinyl free tile Resilient Sheet Concrete Rubber Carpet Other Base 4" Rubber	x
Servers Large Classroom Medium Classroom	Integral w/floor Ceiling Open Acoustic Tile Gyp. Board Height Doors Size Type Operable Wall Vision Panel Special Hardware or Sea	
ENTS	SECURITY Locks Card Access	X







B2-1 DRUG INFORMATION CENTER CLASSROOMS & TEACHING LABS

UTILIZATION		PLUMBING
Hours of Operation		Sinks
8 hours/day		Standard
14 hours/day	Χ	ADA
24 hours/day		Scullery
		Other
CLASSROOM OCCUPANY		
No. Of Occupants	3	-
MECHANICAL		ELECTRICAL
Temperature		Electrical Raceway
68°-75° ± 2°F		110V, 20A, 1 Phase
72°F ± 2°F	X	208V, 30A, 1 Phase
Other		208V, 30A, 3 Phase
Humidity		480V, 100A, 3 Phase
50%- 25%± 5%	X	Emergency/ Standby Power
Uncontrolled		UPS (OFOI)
Other < 50%		Other
15 ACH (Min)		-
10 ACH (Min)		LIGHTING
6 ACH (Min)		Lighting Level
100% Make-up Air	<u></u>	80-100 fc at bench/desk (labs)
Recirculated Air	<u>X</u>	30-60 fc at bench/desk (offices
Air Pressure Positive	X	Task Lighting
Air Pressure Negative		Darkenable or Dimmable
Air Filtration at Supply or Ex	chaust	Special Lighting
Other		Natural Daylight Preferred or not
CASEWORK/MILLWORK/	FURNITURE	EQUIPMENT
Space Type		Refrigerator
Private		Microwave
Semi Private		Coffee Machine
Open		Dishwasher
Guest Seating		Printer/ Scanner
Table w/ seating for 2-3		Plotter
Wall Cabinets or Shelves		Copier
Sofa/ Lounge chair		Computers
Flexible Furniture Lateral File Cabinets	X	Other
2 drawer		ADJACENCY CRITERIA
3 drawer		Primary Adjacency
Vertical File Cabinets		Secondary Adjacency
2 drawer		
3 drawer		PERFORMANCE REQUIREMEN
Bookcases		NC Acoustical Criteria
Conference Table		Acoustical Panels
Markerboard	Х	Privacy Criteria
Tackboard		Testing Criteria
REMARKS:		Other Criteria

	AV Distance Learning Video Conferencing Projection Surface Flat screen Monitors Power at Table	X X X
	Data at Table Lectern or Other Smartboard	
	ARCHITECTURAL	
ns)	Walls/Partitions GWB, Paint GWB, Epoxy Paint Other Wall Protection Corner Guards Crash Rails Other Flooring Resilient/ Vinyl free tile Resilient Sheet Concrete Rubber	x
Х	Carpet	
ot X	Other Base 4" Rubber Integral w/floor Ceilling Open Acoustic Tile Gyp. Board Height	
	Doors Size Type Operable Wall Vision Panel Special Hardware or Se	X als
INTS	SECURITY	
35-40 X	Locks Card Access	X

B2-2 COMPOUNDING LAB CLASSROOMS & TEACHING LABS

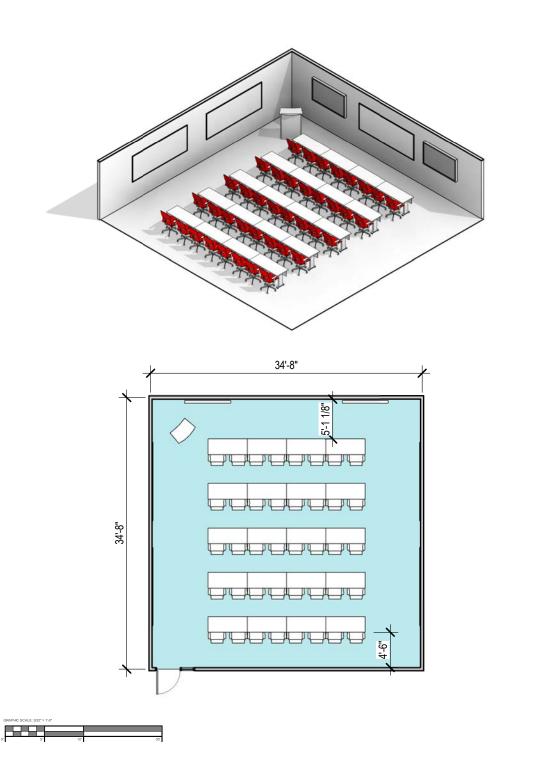
UTILIZATION	PLUMBING	AV	UTILIZATION	PLUMBING
Hours of Operation	Sinks	Distance Learning x	Hours of Operation	Sinks
8 hours/day	Standard	Video Conferencing x	8 hours/day	Standard
14 hours/day X	ADA	Projection Surface x	14 hours/day X	ADA
24 hours/day	Scullery	Flat screen Monitors x	24 hours/day	Scullery
	Other	Power at Table X		Other
		Data at Table		
CLASSROOM OCCUPANY		Lectern or Other X	CLASSROOM OCCUPANY	
No. Of Occupants 50		Smartboard	No. Of Occupants 10	-
MECHANICAL	ELECTRICAL		MECHANICAL	ELECTRICAL
Temperature	Electrical Raceway	ARCHITECTURAL	Temperature	Electrical Raceway
68°-75° ± 2°F	110V, 20A, 1 Phase X	Walls/Partitions	68°-75° ± 2°F	110V, 20A, 1 Phase
72°F ± 2°F X	208V, 30A, 1 Phase	GWB, Paint X	72°F ± 2°F X	208V, 30A, 1 Phase
Other	208V, 30A, 3 Phase	GWB, Epoxy Paint	Other	208V, 30A, 3 Phase
Humidity	480V, 100A, 3 Phase	Other	Humidity	480V, 100A, 3 Phase
50%-25%±5% X	Emergency/ Standby Power	Wall Protection	50%-25%±5% X	Emergency/ Standby Power
Uncontrolled	UPS (OFOI)	Corner Guards	Uncontrolled	UPS (OFOI)
Other < 50%	Other USB Outlets	Crash Rails	Other < 50%	Other
15 ACH (Min)		Other	15 ACH (Min)	
10 ACH (Min)	LIGHTING	Flooring	10 ACH (Min)	LIGHTING
6 ACH (Min)	Lighting Level	Resilient/ Vinyl free tile	6 ACH (Min) X	Lighting Level
100% Make-up Air	80-100 fc at bench/desk (labs)	Resilient Sheet	100% Make-up Air	80-100 fc at bench/desk (labs
Recirculated Air X	30-60 fc at bench/desk (office: 30-60	Concrete	Recirculated Air X	30-60 fc at bench/desk (office
Air Pressure Positive X	Task Lighting	Rubber X	Air Pressure Positive X	 Task Lighting
Air Pressure Negative	Darkenable or Dimmable X	Carpet	Air Pressure Negative	Darkenable or Dimmable
Air Filtration at Supply or Exhaust	Special Lighting zoned	Other	Air Filtration at Supply or Exhaust	Special Lighting
Other	Natural Daylight Preferred or not X	Base	Other	Natural Daylight Preferred or not
CASEWORK/MILLWORK/ FURNITURE	EQUIPMENT	4" Rubber	CASEWORK/MILLWORK/ FURNITURE	EQUIPMENT
Space Type	Refrigerator	Integral w/floor	Space Type	Refrigerator
Private	Microwave	Open	Private	Microwave
Semi Private	Coffee Machine		Semi Private	Coffee Machine
	Dishwasher		Open	Dishwasher
Open	Printer/ Scanner	Gyp. Board		Printer/ Scanner
Guest Seating	Plotter	Height <u>11'-0" min.</u>	Guest Seating	Plotter
Table w/ seating for 2-3 Wall Cabinets or Shelves	Copier	Doors	Table w/ seating for 2-3 Wall Cabinets or Shelves	Copier
Sofa/ Lounge chair	Computers	Size	Sofa/ Lounge chair	Computers
Flexible Furniture X	Other	Туре	Flexible Furniture X	Other
Lateral File Cabinets		Operable Wall X- Electric	Lateral File Cabinets	
2 drawer	ADJACENCY CRITERIA	Vision Panel	2 drawer	ADJACENCY CRITERIA
3 drawer	Primary Adjacency	Special Hardware or Seal Acoustic seals	3 drawer	Primary Adjacency
Vertical File Cabinets	Secondary Adjacency	Special Hardware of Seal Acoustic seals	Vertical File Cabinets	Secondary Adjacency
2 drawer			2 drawer	Secondary Adjacency
3 drawer	PERFORMANCE REQUIREMENTS	SECURITY	3 drawer	PERFORMANCE REQUIREMEN
Bookcases	NC Acoustical Criteria 35-40	Locks X	Bookcases	NC Acoustical Criteria
Conference Table	Acoustical Panels X	Card Access		Acoustical Panels
Markerboard X	Privacy Criteria		Markerboard X	Privacy Criteria
Tackboard	Testing Criteria Yes			Testing Criteria
	Other Criteria			Other Criteria
REMARKS:			REMARKS:	

B2-3 STERILE COMPOUNDS LAB CLASSROOMS & TEACHING LABS

	AV	
	Distance Learning	х
	Video Conferencing	х
	Projection Surface	x
	Flat screen Monitors	x
	Power at Table	X
	Data at Table	X
	Lectern or Other	v
	Smartboard	X
	Smanboard	
	ARCHITECTURAL	
Х	Walls/Partitions	
X	GWB, Paint	
	GWB, Epoxy Paint	X
	Other	
	Wall Protection	
	Corner Guards	
USB Outlets	Crash Rails	
	Other	
	Flooring	
	Resilient/ Vinyl free tile	
os)	Resilient Sheet	
e: 80-100	Concrete	
	Rubber	X
Χ	Carpet	
zoned	Other	
ot X	Base	
	4" Rubber	
	Integral w/floor	
	Ceiling	
	Open	
	Acoustic Tile	Х
	Gyp. Board	
	Height	11'-0" min.
_		
	Doors	
	Size	
(2)Laminar	Туре	
Flow Hoods	Operable Wall	
	Vision Panel	
	Special Hardware or Sea	als
INTS	SECURITY	
35-40	Locks	Х
	Card Access	
X	Caru Access	
Yes		
165		





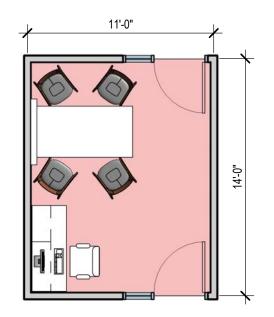


B2-5 PHARMACY SKILLS PREBRIEF/DEBRIEF ROOM CLASSROOMS & TEACHING LABS

		PLUMBING	
Hours of Operation		Sinks	
8 hours/day	N/	Standard ADA	
14 hours/day 24 hours/day	X		
24 hours/day		Scullery	
		Other	
CLASSROOM OCCUPA			
No. Of Occupants	40		
MECHANICAL		ELECTRICAL	
Temperature		Electrical Raceway	
68°-75° ± 2°F		110V, 20A, 1 Phase	
72°F ± 2°F	Х	208V, 30A, 1 Phase	
Other		208V, 30A, 3 Phase	
Humidity		480V, 100A, 3 Phase	
50%- 25%± 5%	Х	Emergency/ Standby Power	
Uncontrolled		UPS (OFOI)	
Other < 50%		Other	
15 ACH (Min)			
10 ACH (Min)		LIGHTING	
6 ACH (Min)		Lighting Level	
100% Make-up Air		80-100 fc at bench/desk (l	al
Recirculated Air	Х	30-60 fc at bench/desk (of	fi
Air Pressure Positive	Χ	Task Lighting	
Air Pressure Positive Air Pressure Negative	<u> </u>	Task Lighting Darkenable or Dimmable	
		5 5	
Air Pressure Negative		Darkenable or Dimmable	n
Air Pressure Negative Air Filtration at Supply or	Exhaust	Darkenable or Dimmable Special Lighting	n
Air Pressure Negative Air Filtration at Supply or Other	Exhaust	Darkenable or Dimmable Special Lighting Natural Daylight Preferred or	n
Air Pressure Negative Air Filtration at Supply or Other CASEWORK/MILLWOR	Exhaust	Darkenable or Dimmable Special Lighting Natural Daylight Preferred or EQUIPMENT	n
Air Pressure Negative Air Filtration at Supply or Other CASEWORK/MILLWORH Space Type	Exhaust	Darkenable or Dimmable Special Lighting Natural Daylight Preferred or EQUIPMENT Refrigerator	n
Air Pressure Negative Air Filtration at Supply or Other CASEWORK/MILLWORH Space Type Private	Exhaust	Darkenable or Dimmable Special Lighting Natural Daylight Preferred or EQUIPMENT Refrigerator Microwave	n
Air Pressure Negative Air Filtration at Supply or Other CASEWORK/MILLWORH Space Type Private Semi Private	Exhaust	Darkenable or Dimmable Special Lighting Natural Daylight Preferred or EQUIPMENT Refrigerator Microwave Coffee Machine	n
Air Pressure Negative Air Filtration at Supply or Other CASEWORK/MILLWORH Space Type Private Semi Private Open	Exhaust	Darkenable or Dimmable Special Lighting Natural Daylight Preferred or EQUIPMENT Refrigerator Microwave Coffee Machine Dishwasher	n
Air Pressure Negative Air Filtration at Supply or Other CASEWORK/MILLWORH Space Type Private Semi Private Open Guest Seating	Exhaust	Darkenable or Dimmable Special Lighting Natural Daylight Preferred or EQUIPMENT Refrigerator Microwave Coffee Machine Dishwasher Printer/ Scanner	n
Air Pressure Negative Air Filtration at Supply or Other CASEWORK/MILLWORH Space Type Private Semi Private Open Guest Seating Table w/ seating for 2-3	Exhaust	Darkenable or Dimmable Special Lighting Natural Daylight Preferred or EQUIPMENT Refrigerator Microwave Coffee Machine Dishwasher Printer/ Scanner Plotter	n
Air Pressure Negative Air Filtration at Supply or Other CASEWORK/MILLWORH Space Type Private Semi Private Open Guest Seating Table w/ seating for 2-3 Wall Cabinets or Shelves	Exhaust	Darkenable or Dimmable Special Lighting Natural Daylight Preferred or EQUIPMENT Refrigerator Microwave Coffee Machine Dishwasher Printer/ Scanner Plotter Copier	n
Air Pressure Negative Air Filtration at Supply or Other CASEWORK/MILLWORH Space Type Private Semi Private Open Guest Seating Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair	Exhaust	Darkenable or Dimmable Special Lighting Natural Daylight Preferred or EQUIPMENT Refrigerator Microwave Coffee Machine Dishwasher Printer/ Scanner Plotter Copier Computers	n
Air Pressure Negative Air Filtration at Supply or Other CASEWORK/MILLWORF Space Type Private Semi Private Open Guest Seating Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture	Exhaust	Darkenable or Dimmable Special Lighting Natural Daylight Preferred or EQUIPMENT Refrigerator Microwave Coffee Machine Dishwasher Printer/ Scanner Plotter Copier Computers	n
Air Pressure Negative Air Filtration at Supply or Other CASEWORK/MILLWORF Space Type Private Semi Private Open Guest Seating Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture Lateral File Cabinets 2 drawer 3 drawer	Exhaust	Darkenable or Dimmable Special Lighting Natural Daylight Preferred or EQUIPMENT Refrigerator Microwave Coffee Machine Dishwasher Printer/ Scanner Plotter Copier Computers Other	n
Air Pressure Negative Air Filtration at Supply or Other CASEWORK/MILLWORF Space Type Private Semi Private Open Guest Seating Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture Lateral File Cabinets 2 drawer 3 drawer Vertical File Cabinets	Exhaust	Darkenable or Dimmable Special Lighting Natural Daylight Preferred or EQUIPMENT Refrigerator Microwave Coffee Machine Dishwasher Printer/ Scanner Plotter Copier Computers Other ADJACENCY CRITERIA	n
Air Pressure Negative Air Filtration at Supply or Other Space Type Private Semi Private Open Guest Seating Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture Lateral File Cabinets 2 drawer 3 drawer Vertical File Cabinets 2 drawer	Exhaust	Darkenable or Dimmable Special Lighting Natural Daylight Preferred or EQUIPMENT Refrigerator Microwave Coffee Machine Dishwasher Printer/ Scanner Plotter Copier Computers Other ADJACENCY CRITERIA Primary Adjacency Secondary Adjacency	
Air Pressure Negative Air Filtration at Supply or Other Space Type Private Semi Private Open Guest Seating Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture Lateral File Cabinets 2 drawer 3 drawer Vertical File Cabinets 2 drawer 3 drawer	Exhaust	Darkenable or Dimmable Special Lighting Natural Daylight Preferred or EQUIPMENT Refrigerator Microwave Coffee Machine Dishwasher Printer/ Scanner Plotter Copier Computers Other ADJACENCY CRITERIA Primary Adjacency Secondary Adjacency	
Air Pressure Negative Air Filtration at Supply or Other Space Type Private Semi Private Open Guest Seating Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture Lateral File Cabinets 2 drawer 3 drawer Vertical File Cabinets 2 drawer 3 drawer Bookcases	Exhaust	Darkenable or Dimmable Special Lighting Natural Daylight Preferred or EQUIPMENT Refrigerator Microwave Coffee Machine Dishwasher Printer/ Scanner Plotter Copier Computers Other ADJACENCY CRITERIA Primary Adjacency Secondary Adjacency PERFORMANCE REQUIREI NC Acoustical Criteria	
Air Pressure Negative Air Filtration at Supply or Other Space Type Private Semi Private Open Guest Seating Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture Lateral File Cabinets 2 drawer 3 drawer 3 drawer Bookcases Conference Table	Exhaust	Darkenable or Dimmable Special Lighting Natural Daylight Preferred or EQUIPMENT Refrigerator Microwave Coffee Machine Dishwasher Printer/ Scanner Plotter Copier Computers Other ADJACENCY CRITERIA Primary Adjacency Secondary Adjacency PERFORMANCE REQUIRE! NC Acoustical Criteria Acoustical Panels	
Air Pressure Negative Air Filtration at Supply or Other Space Type Private Semi Private Open Guest Seating Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture Lateral File Cabinets 2 drawer 3 drawer Vertical File Cabinets 2 drawer 3 drawer Bookcases Conference Table Markerboard	Exhaust	Darkenable or Dimmable Special Lighting Natural Daylight Preferred or EQUIPMENT Refrigerator Microwave Coffee Machine Dishwasher Printer/ Scanner Plotter Copier Computers Other ADJACENCY CRITERIA Primary Adjacency Secondary Adjacency PERFORMANCE REQUIREI NC Acoustical Criteria Acoustical Panels Privacy Criteria	
Air Pressure Negative Air Filtration at Supply or Other Space Type Private Semi Private Open Guest Seating Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture Lateral File Cabinets 2 drawer 3 drawer 3 drawer Bookcases Conference Table	Exhaust	Darkenable or Dimmable Special Lighting Natural Daylight Preferred or EQUIPMENT Refrigerator Microwave Coffee Machine Dishwasher Printer/ Scanner Plotter Copier Computers Other ADJACENCY CRITERIA Primary Adjacency Secondary Adjacency PERFORMANCE REQUIRE! NC Acoustical Criteria Acoustical Panels Privacy Criteria Testing Criteria	
Air Pressure Negative Air Filtration at Supply or Other Space Type Private Semi Private Open Guest Seating Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture Lateral File Cabinets 2 drawer 3 drawer Vertical File Cabinets 2 drawer 3 drawer Bookcases Conference Table Markerboard	Exhaust	Darkenable or Dimmable Special Lighting Natural Daylight Preferred or EQUIPMENT Refrigerator Microwave Coffee Machine Dishwasher Printer/ Scanner Plotter Copier Computers Other ADJACENCY CRITERIA Primary Adjacency Secondary Adjacency PERFORMANCE REQUIREI NC Acoustical Criteria Acoustical Panels Privacy Criteria	

	AV	
	Distance Learning	х
	Video Conferencing	х
	Projection Surface	Х
	Flat screen Monitors	х
	Power at Table	х
	Data at Table	
	Lectern or Other	х
	Smartboard	
	ARCHITECTURAL	
Х	Walls/Partitions	
	GWB, Paint	Х
	GWB, Epoxy Paint	
	Other	
	Wall Protection	
	Corner Guards	
USB Outlets	Crash Rails	
OOD Oullets	Other	
	Flooring	
	Resilient/ Vinyl free tile	
	Resilient Sheet	
20.60	Concrete	
30-60		
	Rubber	X
X	Carpet	
zoned	Other	
Х	Base	
	4" Rubber	
	Integral w/floor	
	Ceiling	
	Open	
	Acoustic Tile	X
	Gyp. Board	
	Height	11'-0" min.
	Doors	
	Size	
	Туре	
	Operable Wall	
	Vision Panel	
	Special Hardware or Sea	Acoustic seals
rs	SECURITY	
35-40	Locks	X
Х	Card Access	
Yes		







UTILIZATION	PLUMBING
Hours of Operation	Sinks
8 hours/day	Standard
14 hours/day X	ADA
24 hours/day	Scullery
	Other
CLASSROOM OCCUPANY	
No. Of Occupants 5	—
MECHANICAL	ELECTRICAL
Temperature	Electrical Raceway
68°-75° ± 2°F	110V, 20A, 1 Phase
72°F ± 2°F X	208V, 30A, 1 Phase
Other	208V, 30A, 3 Phase
Humidity	480V, 100A, 3 Phase
50%-25%±5% X	Emergency/ Standby Power
Uncontrolled	UPS (OFOI)
Other < 50%	Other
15 ACH (Min)	
10 ACH (Min)	LIGHTING
6 ACH (Min)	Lighting Level
100% Make-up Air	80-100 fc at bench/desk (lab
Recirculated Air X	30-60 fc at bench/desk (offic
Air Pressure Positive X	Task Lighting
Air Pressure Negative	Darkenable or Dimmable
Air Filtration at Supply or Exhaust	Special Lighting
Other	Natural Daylight Preferred or no
CASEWORK/MILLWORK/ FURNITURE	EQUIPMENT
Space Type	Refrigerator
Private X	Microwave
Semi Private	Coffee Machine
Open	Dishwasher
Guest Seating X	Printer/ Scanner
Table w/ seating for 2-3	Plotter
Wall Cabinets or Shelves	Copier
Sofa/ Lounge chair	Computers
Flexible Furniture	Other
Lateral File Cabinets	
2 drawer	ADJACENCY CRITERIA
3 drawer	Primary Adjacency
Vertical File Cabinets	Secondary Adjacency
2 drawer	
3 drawer	PERFORMANCE REQUIREME
Bookcases	NC Acoustical Criteria
Conference Table	Acoustical Panels

Privacy Criteria Testing Criteria Other Criteria

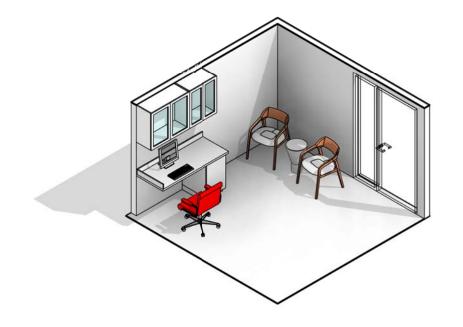
Tackboard REMARKS:

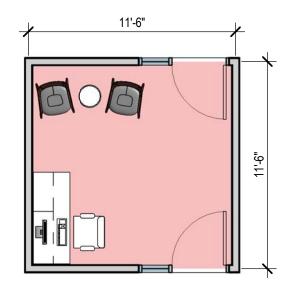
Markerboard

B2-6 LARGE ENCOUNTER ROOM CLASSROOMS & TEACHING LABS

		AV	
		Distance Learning	
		Video Conferencing	Х
		Projection Surface Flat screen Monitors	
		Power at Table	<u> </u>
		Data at Table	<u> </u>
		Lectern or Other	
		Smartboard	
		Smartboard	
		ARCHITECTURAL Walls/Partitions	
	X		v
		GWB, Paint GWB, Epoxy Paint	Χ
9		Other	
, Power		Wall Protection	
1 OWOI		Corner Guards	
		Crash Rails	
		Other	
		Flooring	
		Resilient/ Vinyl free tile	
h/desk (labs))	Resilient Sheet	
/desk (office:	Х	Concrete	
,		Rubber	Х
able	Х	Carpet	
		Other	
erred or not	Х	Base	
		4" Rubber	
		Integral w/floor	
		Ceiling	
		Open	
		Acoustic Tile	X
		Gyp. Board	
		Height	10'
		Doors	
		Size	
		Туре	
		Operable Wall	
RIA		Vision Panel	X
v		Special Hardware or Se	ais
У			
QUIREMEN	TS	SECURITY	
а	35-40	Locks	Х
	Х	Card Access	









B2-7 **ENCOUNTER ROOM** CLASSROOMS & TEACHING LABS

UTILIZATION	
Hours of Operation	
8 hours/day	
14 hours/day	Х
24 hours/day	

PLUMBING Sinks Standard ADA Scullery Other

CLASSROOM OCCUPANY No. Of Occupants

MECHANICAL Temperature . 68°-75° ± 2°F 72°F ± 2°F Other Humidity 50%- 25%± 5% Uncontrolled Other < 50% 15 ACH (Min) 10 ACH (Min) 6 ACH (Min) 100% Make-up Air Recirculated Air Air Pressure Positive Air Pressure Negative

x Air Filtration at Supply or Exhaust

Other CASEWORK/MILLWORK/ FURNITURE

Space Type Private Semi Private Open Guest Seating Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair

Flexible Furniture Lateral File Cabinets 2 drawer 3 drawer Vertical File Cabinets

2 drawer 3 drawer Bookcases

Conference Table Markerboard Tackboard

REMARKS:

ELECTRICAL

5

Electrical Raceway 110V, 20A, 1 Phase 208V, 30A, 1 Phase 208V, 30A, 3 Phase 480V, 100A, 3 Phase Emergency/ Standby Power UPS (OFOI) Other

LIGHTING

EQUIPMENT

Refrigerator

Microwave Coffee Machine

Dishwasher

Plotter

Copier

Other

Computers

Printer/ Scanner

Lighting Level 80-100 fc at bench/desk (labs) 30-60 fc at bench/desk (offices Task Lighting Darkenable or Dimmable Special Lighting Natural Daylight Preferred or not

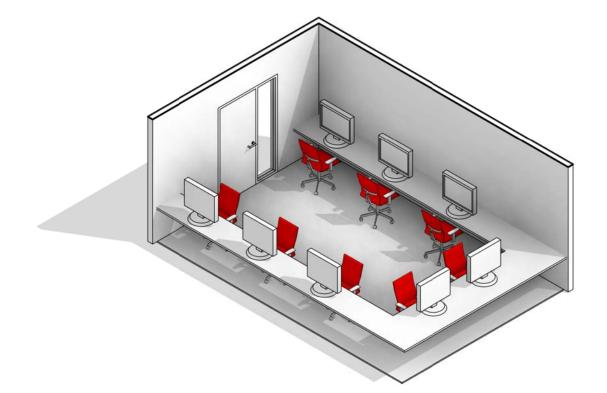
ADJACENCY CRITERIA Primary Adjacency Secondary Adjacency

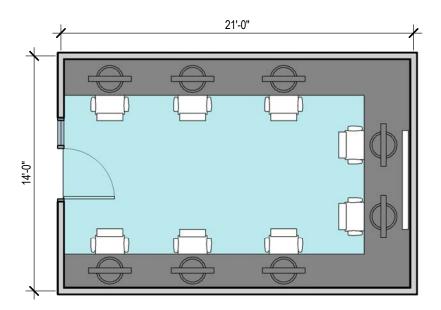
PERFORMANCE REQUIREMENTS NC Acoustical Criteria

Acoustical Panels Privacy Criteria Testing Criteria Other Criteria

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	AV	
	Distance Learning	
	Video Conferencing	X
	Projection Surface	
	Flat screen Monitors	X
	Power at Table	X
	Data at Table	X
	Lectern or Other	
	Smartboard	
	Sinariboard	
	ARCHITECTURAL	
Х	Walls/Partitions	
	GWB, Paint	х
	GWB, Epoxy Paint	
	Other	
	Wall Protection	
	Corner Guards	
	Crash Rails	
	Other	
	Flooring	
	Resilient/ Vinyl free tile	
	Resilient Sheet	
х	Concrete	
<u></u>	Rubber	X
x	Carpet	χ
Χ	Other	
X	Base	
Χ	4" Rubber	
	Integral w/floor	
	Ceiling	
	Open	
	Acoustic Tile	X
	Gyp. Board	
		10'
	Height	10
	Doors	
	Size	
	Туре	
	Operable Wall	
	Vision Panel	X
	Special Hardware or Sea	als
	SECURITY	
35-40	Locks	Х
Х	Card Access	







UTILIZATION	PLUMBING
Hours of Operation	Sinks
8 hours/day	Standard
14 hours/day X	ADA
24 hours/day	Scullery
24 Hours/day	Other
	Other
CLASSROOM OCCUPANY	
No. Of Occupants 7	
MECHANICAL	ELECTRICAL
Temperature	Electrical Raceway
68°-75° ± 2°F	110V, 20A, 1 Phase
72°F ± 2°F X	208V, 30A, 1 Phase
Other	208V, 30A, 3 Phase
Humidity	480V, 100A, 3 Phase
50%-25%±5% X	Emergency/ Standby Power
Uncontrolled	UPS (OFOI)
Other < 50%	Other
15 ACH (Min)	
10 ACH (Min)	LIGHTING
6 ACH (Min)	Lighting Level
100% Make-up Air	80-100 fc at bench/desk (la
Recirculated Air X	30-60 fc at bench/desk (off
Air Pressure Positive X	Task Lighting
Air Pressure Negative	Darkenable or Dimmable
Air Filtration at Supply or Exhaust	Special Lighting
Other	Natural Daylight Preferred or r
CASEWORK/MILLWORK/ FURNITURI	E
Space Type	Refrigerator
Private X	Microwave
Semi Private	Coffee Machine
Open	Dishwasher
Guest Seating X	Printer/ Scanner
Table w/ seating for 2-3	Plotter
Wall Cabinets or Shelves	Copier
Sofa/ Lounge chair	Computers
Flexible Furniture	Other
Lateral File Cabinets	
2 drawer	ADJACENCY CRITERIA
3 drawer	Primary Adjacency
Vertical File Cabinets	Secondary Adjacency
2 drawer	
3 drawer	PERFORMANCE REQUIREM
Bookcases	NC Acoustical Criteria
Conference Table	Acoustical Panels
Markerboard X	Privacy Criteria
Tackboard	Testing Criteria
	Other Criteria
REMARKS:	

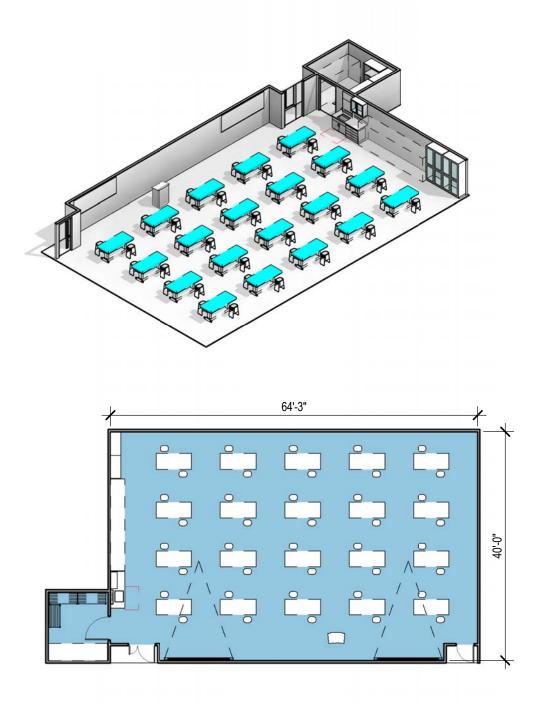
B2-8 CONTROL ROOM CLASSROOMS & TEACHING LABS

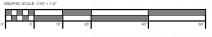
	AV	
	Distance Learning	
	Video Conferencing	Х
	Projection Surface	
	Flat screen Monitors	X
	Power at Table	<u> </u>
·······	Data at Table	<u> </u>
	Lectern or Other	~
	Smartboard	
	Smarboard	
	ARCHITECTURAL	
Х	Walls/Partitions	
	GWB, Paint	Х
	GWB, Epoxy Paint	
	Other	
	Wall Protection	
	Corner Guards	
	Crash Rails	
	Other	
	Flooring	
	Resilient/ Vinyl free tile	
labs)	Resilient Sheet	
ffice: X	Concrete	
	Rubber	X
Х	Carpet	~
X	Other	
not X	Base	
	4" Rubber	
	Integral w/floor	
	Ceiling	·······
······	Open	
	Acoustic Tile	<u>X</u>
	Gyp. Board	4.01
	Height	10'
	Doors	
	Size	
	Туре	
	Operable Wall	
	Vision Panel	Х
	Special Hardware or Sea	als
MENTS	SECURITY	
35-40	Locks	X
Х	Card Access	



B2-9 STORAGE CLASSROOMS & CLASSROOM SUPPORT

UTILIZATION	PLUMBING	AV
Hours of Operation	Sinks	Distance Learning
8 hours/day	Standard	Video Conferencing
14 hours/day	ADA	Projection Surface
24 hours/day X	Scullery	Flat screen Monitors
	Other	Power at Table
		Data at Table
CLASSROOM OCCUPANY		Lectern or Other
No. Of Occupants		Smartboard
MECHANICAL	ELECTRICAL	
Temperature	Electrical Raceway	ARCHITECTURAL
68°-75° ± 2°F	110V, 20A, 1 Phase X	Walls/Partitions
72°F ± 2°F X	208V, 30A, 1 Phase	GWB, Paint X
Other	208V, 30A, 3 Phase	GWB, Epoxy Paint
Humidity	480V, 100A, 3 Phase	Other
50%- 25%± 5%	Emergency/ Standby Power	Wall Protection
Uncontrolled	UPS (OFOI)	Corner Guards
Other < 50%	Other	Crash Rails
15 ACH (Min)		Other
10 ACH (Min)	LIGHTING	Flooring
6 ACH (Min)	Lighting Level	Resilient/ Vinyl free tile X
100% Make-up Air	80-100 fc at bench/desk (labs)	Resilient Sheet
Recirculated Air X	30-60 fc at bench/desk (offices)	Concrete
Air Pressure Positive X	Task Lighting	Rubber
Air Pressure Negative	Darkenable or Dimmable	Carpet
<u> </u>		Other
Air Filtration at Supply or Exhaust	Special Lighting	•
Other	Natural Daylight Preferred or not	Base
	FOURMENT	4" Rubber X
CASEWORK/MILLWORK/ FURNITURE	EQUIPMENT	Integral w/floor
Space Type	Refrigerator	Ceiling
Private	Microwave	Open
Semi Private	Coffee Machine	Acoustic Tile
Open	Dishwasher	Gyp. Board
Guest Seating	Printer/ Scanner	Height
Table w/ seating for 2-3	Plotter	
Wall Cabinets or Shelves	Copier	Doors
Sofa/ Lounge chair	Computers	Size
Flexible Furniture	Other	Туре
Lateral File Cabinets		Operable Wall
2 drawer	ADJACENCY CRITERIA	Vision Panel
3 drawer	Primary Adjacency Large Classroom	Special Hardware or Seals
Vertical File Cabinets	Secondary Adjacency Medium Classroom	
2 drawer	· · · · <u> </u>	
3 drawer	PERFORMANCE REQUIREMENTS	SECURITY
Bookcases	NC Acoustical Criteria	Locks X
Conference Table	Acoustical Panels	Card Access
Markerboard	Privacy Criteria	
Tackboard	Testing Criteria	
	Other Criteria	
REMARKS:		





UTILIZATION		PLUMBING
Hours of Operation		Sinks
8 hours/day		Standard
14 hours/day	Х	ADA
24 hours/day		Scullery
		Other
		Handwash
CLASSROOM OCCUPANY No. Of Occupants	40	
No. Of Occupants	40	
MECHANICAL		ELECTRICAL
Temperature		Electrical Raceway
68°-75° ± 2°F		110V, 20A, 1 Phase
72°F ± 2°F	X	208V, 30A, 1 Phase
Other		208V, 30A, 3 Phase
Humidity 50%- 25%± 5%	V	480V, 100A, 3 Phase
	X	Emergency/ Standby Power
Uncontrolled Other < 50%		UPS (OFOI) Other
15 ACH (Min)		Other
10 ACH (Min)		LIGHTING
6 ACH (Min)	X	Lighting Level
100% Make-up Air	<u> </u>	80-100 fc at bench/desk (labs)
Recirculated Air		30-60 fc at bench/desk (offices
Air Pressure Positive	X	Task Lighting
Air Pressure Negative		Darkenable or Dimmable
Air Filtration at Supply or Exh	aust	Special Lighting
Other		Natural Daylight Preferred or not
CASEWORK/MILLWORK/ F	URNITURE	EQUIPMENT
Space Type		Refrigerator
Private Sami Drivata		Microwave Coffee Machine
Semi Private		Dishwasher
Open Guest Seating		Printer/ Scanner
Table w/ seating for 2-3		Plotter
Wall Cabinets or Shelves		Copier
Sofa/ Lounge chair		Computers
Flexible Furniture		Other
Lateral File Cabinets		
2 drawer		ADJACENCY CRITERIA
3 drawer		Primary Adjacency
Vertical File Cabinets		Secondary Adjacency
2 drawer		
3 drawer		PERFORMANCE REQUIREMEN
Bookcases		NC Acoustical Criteria
Conference Table		Acoustical Panels
Markerboard	Х	Privacy Criteria
Tackboard	Х	Testing Criteria
		Other Criteria
REMARKS:		
20 Plinthes		

B2-10 **OCCUPATIONAL THERAPY LAB - FIRST YEAR** OCCUPATIONAL THERAPY

	AV	
	Distance Learning	х
	Video Conferencing	х
	Projection Surface	х
	Flat screen Monitors	х
x	Power at Table	х
	Data at Table	Х
	Lectern or Other	х
	Smartboard	
ay	ARCHITECTURAL	
ise X	Walls/Partitions	
ise	GWB, Paint	Х
ise	GWB, Epoxy Paint	
nase	Other	
dby Power	Wall Protection	
	Corner Guards	
USB Outlets	Crash Rails	
	Other	
	Flooring	
	Resilient/ Vinyl free tile	
ench/desk (labs) X	Resilient Sheet	
nch/desk (offices)	Concrete	
	Rubber	Х
mmable X	Carpet	
zoned	Other	
Preferred or not X	Base	
	4" Rubber	Х
	Integral w/floor	
	Ceiling	
	Open	
	Acoustic Tile	Х
	Gyp. Board	
	Height	11'-0" min.
	_	
	Doors	
	Size	
	Туре	
	Operable Wall	
RITERIA	Vision Panel	
	Special Hardware or Sea	ls
ency		
REQUIREMENTS	SECURITY	
iteria 35-40	Locks	Х
s X	Card Access	
Yes		



B2-11 **OCCUPATIONAL THERAPY LAB - SECOND YEAR** OCCUPATIONAL THERAPY

UTILIZATION		PLUMBING	AV		UTILIZATIO
Hours of Operation		Sinks	Distance Learning	х	Hours of Ope
8 hours/day		Standard	Video Conferencing	х	8 hours/o
14 hours/day	Х	ADA	Projection Surface	х	14 hours
24 hours/day		Scullery	Flat screen Monitors	х	24 hours
		Other X	Power at Table	х	
		Handwash	Data at Table	Х	
CLASSROOM OCCUPANY			Lectern or Other	х	CLASSROO
No. Of Occupants	40		Smartboard		No. Of Occu
MECHANICAL		ELECTRICAL			MECHANICA
Temperature		Electrical Raceway	ARCHITECTURAL		Temperature
68°-75° ± 2°F		110V, 20A, 1 Phase	X Walls/Partitions		68°-75° :
72°F ± 2°F	Х	208V, 30A, 1 Phase	GWB, Paint	Х	72°F ± 2
Other		208V, 30A, 3 Phase	GWB, Epoxy Paint		Other
Humidity		480V, 100A, 3 Phase	Other		Humidity
50%- 25%± 5%	Х	Emergency/ Standby Power	Wall Protection		50%- 25
Uncontrolled		UPS (OFOI)	Corner Guards		Uncontro
Other < 50%		Other USB	Outlets Crash Rails		Other < 5
15 ACH (Min)			Other		15 ACH (Min
10 ACH (Min)		LIGHTING	Flooring		10 ACH (Min
6 ACH (Min)	Х	Lighting Level	Resilient/ Vinyl free tile	1	6 ACH (Min)
100% Make-up Air	Х	80-100 fc at bench/desk (labs)	X Resilient Sheet		100% Make-
Recirculated Air		30-60 fc at bench/desk (offices)	Concrete		Recirculated
Air Pressure Positive	X	Task Lighting	Rubber	Х	Air Pressure
Air Pressure Negative			X Carpet		Air Pressure
Air Filtration at Supply or Exh	aust	Special Lighting zo	oned Other		Air Filtration
Other		Natural Daylight Preferred or not	X Base		Other
		, o	4" Rubber	Х	
CASEWORK/MILLWORK/ F	URNITURE	EQUIPMENT	Integral w/floor		CASEWORK
Space Type		Refrigerator	Ceiling		Space Type
Private		Microwave	Open		Private
Semi Private		Coffee Machine	Acoustic Tile	Х	Semi Pri
Open		Dishwasher	Gyp. Board		Open
Guest Seating		Printer/ Scanner	Height	11'-0" min.	Guest Seatir
Table w/ seating for 2-3		Plotter			Table w/ sea
Wall Cabinets or Shelves		Copier	Doors		Wall Cabinet
Sofa/ Lounge chair		Computers	Size		Sofa/ Lounge
Flexible Furniture		Other	Туре		Flexible Furn
Lateral File Cabinets			Operable Wall		Lateral File C
2 drawer		ADJACENCY CRITERIA	Vision Panel		2 drawer
3 drawer		Primary Adjacency	Special Hardware or S	eals	3 drawer
Vertical File Cabinets		Secondary Adjacency			Vertical File
2 drawer					2 drawer
3 drawer		PERFORMANCE REQUIREMENTS	SECURITY		3 drawer
Bookcases			5-40 Locks	Х	Bookcases
Conference Table			X Card Access		Conference ⁻
Markerboard	X	Privacy Criteria			Markerboard
Tackboard	X		/es		Tackboard
		Other Criteria			
REMARKS:]	REMARKS:
20 Plinthes					

B2-12 **OT STORAGE** OCCUPATIONAL THERAPY

UTILIZATION	
Hours of Operation	
8 hours/day	
14 hours/day	
24 hours/day	

PLUMBING Sinks Standard ADA Scullery Other

ELECTRICAL Electrical Raceway

UPS (OFOI)

LIGHTING

Lighting Level

Task Lighting

Special Lighting

EQUIPMENT

Refrigerator

Microwave

Plotter

Copier

Other

Computers

Coffee Machine Dishwasher

Printer/ Scanner

Darkenable or Dimmable

Natural Daylight Preferred or not

Other

110V, 20A, 1 Phase

208V, 30A, 1 Phase

208V, 30A, 3 Phase 480V, 100A, 3 Phase

Emergency/ Standby Power

80-100 fc at bench/desk (labs)

30-60 fc at bench/desk (offices)

Х

Х

х

ASSROOM OCCUPANY Of Occupants

CHANICAL nperature . 68°-75° ± 2°F 72°F ± 2°F Other nidity 50%-25%±5% Uncontrolled Other < 50% ACH (Min) ACH (Min) CH (Min) % Make-up Air irculated Air Pressure Positive

Pressure Negative

Filtration at Supply or Exhaust er

SEWORK/MILLWORK/ FURNITURE асе Туре

Private Semi Private Open est Seating ble w/ seating for 2-3 I Cabinets or Shelves a/ Lounge chair

kible Furniture eral File Cabinets 2 drawer

3 drawer tical File Cabinets 2 drawer

3 drawer kcases ference Table kerboard

P	PERFORMANCE REQUIREMENTS	;
N	IC Acoustical Criteria	
A	coustical Panels	
P	Privacy Criteria	
Т	esting Criteria	
С	Other Criteria	

ADJACENCY CRITERIA

Primary Adjacency

Secondary Adjacency

=	AV Distance Learning Video Conferencing Projection Surface Flat screen Monitors Power at Table Data at Table Lectern or Other Smartboard	
	ARCHITECTURAL	
X	Walls/Partitions GWB, Paint GWB, Epoxy Paint Other	X
	Wall Protection Corner Guards Crash Rails	
	Other	
	Flooring	
·)	Resilient/ Vinyl free tile Resilient Sheet	X
es)	Concrete	
	Rubber	
	Carpet	
	Other	
	Base	
	4" Rubber	Х
	Integral w/floor	
	Ceiling	
	Open	
	Acoustic Tile	
	Gyp. Board	
	Height	
	Doors	
	Size	
	Туре	
	Operable Wall	
	Vision Panel	
OT lab Year 1 OT Lab Year 2	Special Hardware or Sea	ais
NTS	SECURITY	
	Locks	х
	Card Access	













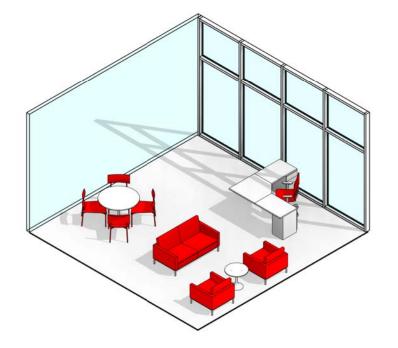
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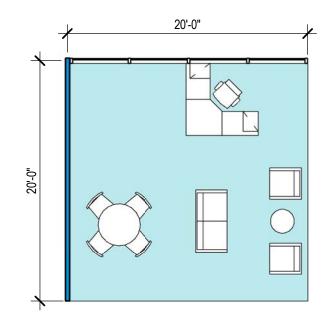


Prepared for Southern Illinois University Edwardsville by HOK

C - NURSING SIMULATION









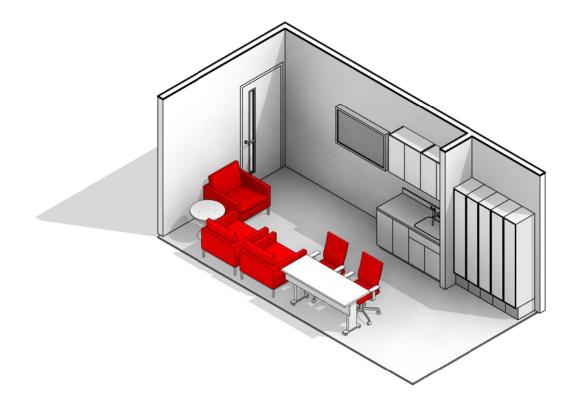
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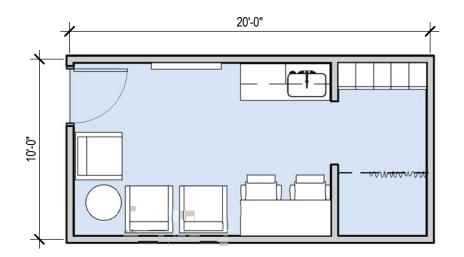
C1-1 SIMULATION/SP LOBBY STANDARDIZED PATIENT & SUPPORT SPACES

UTILIZATION		PLUMBING
Hours of Operation		Sinks
8 hours/day		Standard
14 hours/day	Х	ADA
24 hours/day		Scullery
		Other
OCCUPANY		
No. Of Occupants	8 to 10	
MECHANICAL		ELECTRICAL
Temperature		Electrical Raceway
68°-75° ± 2°F		110V, 20A, 1 Phase
72°F ± 2°F	х	208V, 30A, 1 Phase
Other		208V, 30A, 3 Phase
Humidity		480V, 100A, 3 Phase
50%- 25%± 5%	<u> </u>	Emergency/ Standby Power
Uncontrolled		UPS (OFOI)
Other < 50%		Other
15 ACH (Min)		
10 ACH (Min)		LIGHTING
6 ACH (Min)		Lighting Level
100% Make-up Air		80-100 fc at bench/desk (la
Recirculated Air		30-60 fc at bench/desk (offi
Air Pressure Positive		Task Lighting
Air Pressure Negative		Darkenable or Dimmable
Air Filtration at Supply or Ex	haust	Special Lighting
Other		Natural Daylight Preferred or no
CASEWORK/MILLWORK/	FURNITURE	EQUIPMENT
Headwall		Exam Table
Suction/Vacuum		Integrated Diagnostic wall system
Oxygen		Patient Bed
Air		Bed Locater
Other		Headwall
Table w/ seating for 2-4		Computer Terminal
Wall Cabinets or Shelves		Curtain track
Sofa/ Lounge chair	X	Curtain
Lateral File Cabinets 2 drawer		Other
3 drawer		ADJACENCY CRITERIA
Vertical File Cabinets		Primary Adjacency
2 drawer		Secondary Adjacency
3 drawer		, , , ,
Guest Chairs	x	PERFORMANCE REQUIREM
Conference Table		NC Acoustical Criteria
Markerboard		Acoustical Panels
Tackboard		Privacy Criteria
Tackboard		Privacy Criteria Testing Criteria

REMARKS:

	AV	
	Distance Learning	
	Video Conferencing	
	Projection Surface	
	Flat screen Monitors	
	Power at Table	
	Data at Table	
	Lectern or Other	
	Ceiling Speakers	
	comig opeanere	
	ARCHITECTURAL	
	Walls/Partitions	
x	GWB, Paint	х
<u></u>	GWB, Epoxy Paint	Χ
	Other	
	Wall Protection	
	Corner Guards	
	Crash Rails	
	Other	
	Flooring	
	VCT/ Vinyl free tile	
	Sheet Vinyl	
abs)	Concrete	
fice: x	Resinous/ Epoxy	
	Carpet	
	Other	Rubber
	Base	
not x	4" Rubber	х
	Integral w/floor	
	Ceiling	
	Open	
tem	Acoustic Tile	х
·	Gyp. Board	
	Height	
	Window	
	One way glass	
	Doors	
	Size	
	Туре	
	Operable Wall	
	Vision Panel	
SP Ante Room	Special Hardware or Se	eals
Simulation rooms		
IENTS	SECURITY	
35-40	Locks	
	Card Access	Х
		Х
		X







UTILIZATION	PLUMBING
Hours of Operation	Sinks
8 hours/day	Standard
14 hours/day x	ADA
24 hours/day	Scullery
	Other
OCCUPANY	
No. Of Occupants 10/20	_
MECHANICAL	ELECTRICAL
Temperature	Electrical Raceway
68°-75° ± 2°F	110V, 20A, 1 Phase
72°F ± 2°F x	208V, 30A, 1 Phase
Other	208V, 30A, 3 Phase
Humidity	480V, 100A, 3 Phase
50%- 25%± 5% x	Emergency/ Standby Pow
Uncontrolled	UPS (OFOI)
Other < 50%	Other
15 ACH (Min)	
10 ACH (Min)	LIGHTING
6 ACH (Min)	Lighting Level
100% Make-up Air	80-100 fc at bench/des
Recirculated Air x	30-60 fc at bench/desl
Air Pressure Positive	Task Lighting
Air Pressure Negative	Darkenable or Dimmable
Air Filtration at Supply or Exhaust	Special Lighting
Other	Natural Daylight Preferred
CASEWORK/MILLWORK/ FURNITURE	EQUIPMENT
Headwall	Exam Table
Suction/Vacuum	Integrated Diagnostic wall
Oxygen	Patient Bed
Air	Bed Locater
Other	Headwall
Table w/ seating for 2-4 x	Computer Terminal
Wall Cabinets or Shelves	Curtain track
Sofa/ Lounge chair x	Curtain
Lateral File Cabinets	Other
2 drawer	
3 drawer	ADJACENCY CRITERIA
Vertical File Cabinets	Primary Adjacency
2 drawer	Secondary Adjacency
3 drawer	
Guest Chairs	PERFORMANCE REQUI
Conference Table	NC Acoustical Criteria
Markerboard	Acoustical Panels
Tackboard	Privacy Criteria
Other Z Lockers	Testing Criteria
	STC Rating
REMARKS:	
Digital combination locks for lockors Sr	bace to include changing area, ki

wer

desk (lab esk (offic ed or no

all syste

Α

IREM

itchenette, flat screen monitor for orientation

C1-2 SP ANTE ROOM/LOCKERS STANDARDIZED PATIENT & SUPPORT SPACES

	AV	
	Distance Learning	
Х	Video Conferencing	
	Projection Surface	
	Flat screen Monitors	x
	Power at Table	х
	Data at Table	
	Lectern or Other	
	Ceiling Speakers	
	Centrig Opeakers	
	ARCHITECTURAL	
	Walls/Partitions	
x	GWB, Paint	х
	GWB, Epoxy Paint	
	Other	
	Wall Protection	
	Corner Guards	
	Crash Rails	
	Other	
	Flooring	
	VCT/ Vinyl free tile	Х
	Sheet Vinyl	
abs)	Concrete	
fices)	Resinous/ Epoxy	
	Carpet	
	Other	Rubber
	Base	
not	4" Rubber	x
	Integral w/floor	
	Ceiling	
	Open	
tom	Acoustic Tile	
tem		х
	Gyp. Board	
	Height	9'
	Window	
	One way glass	
	Doors	
	Size	3'x7'
	Туре	
	Operable Wall	
	Vision Panel	
	Special Hardware or Se	als
IENTS	SECURITY	
	Locks	
	Card Access	х



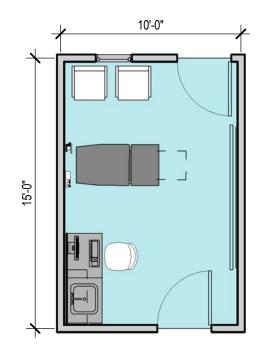


C1-3 SP MOULAGE/TOILET STANDARDIZED PATIENT & SUPPORT SPACES

B hours/day X Standard X Video Conferencing Projection Surface 24 hours/day X ADA Projection Surface Flat screen Monitors 24 hours/day Scullery Other Power at Table Data at Table 00CCUPANY No. Of Occupants ELECTRICAL RecHITECTURAL Temperature Electrical Raceway GWB, Paint X 68'-75' ± 2'F X 208V, 30A, 1 Phase GWB, Paint X 50%-25% ± 5% X Emergency/ Standay Power Other Other 10 ACH (Min) UPS (OFOI) Crash Raits Other 10 ACH (Min) UBGTING Crash Raits Correte 10 ACH (Min) UpS (OFOI) Crash Raits Correte 10 ACH (Min) UpRing Level Sohe0 for at bench/desk (labs) Sohet Vinyl Air Pressure Negative Air Pressure Positive Saket (aphing Carpat Air Pressure Negative Darkenable or Dimmable Other Porcelain Tiles Suction/Vacuum Integrated Diagnostic wall system Acoustic Tile X Other Bed Locater Hei	UTILIZATION	PLUMBING	AV
14 hoursiday x ADA Projection Surface 24 hoursiday Scullery Flat screen Monitors OCCUPANY Data at Table Data at Table No. Of Occupants ELECTRICAL ARCHITECTURAL Temperature Electrical Raceway Walls/Partitions 68'-75' ± 2'F X 208V, 30A, 1 Phase Walls/Partitions 72'F ± 2'F X 208V, 30A, 1 Phase Walls/Partitions 68'-75' ± 2'F X 208V, 30A, 3 Phase Walls/Partitions 0ther 208V, 30A, 3 Phase Walls/Partitions Corner Guards 0ther Dother UPS (OFOI) Corner Guards Corner Guards 0ther < 50%	Hours of Operation	Sinks	Distance Learning
24 hours/day Scullery Flat screen Monitors OCCUPANY Dear at Table Data at Table No. Of Occupants Electrical Raceway Ceiling Speakers MECHANICAL Electrical Raceway Walls/Partitions 68'-75' ± 2'F X 208V; 30A; 1 Phase X 72'F ± 2'F X 208V; 30A; 3 Phase Other 0ther Solve, 55%; 55% X GWB, Paint X 0ther 50%; 55%; 55% X GWB, Paint X 0ther Solve, 15%; 55%; 5% X GWB, Paint X 0ther Corash Rails Other Other 10 ACH (Min) Lighting Level Other Other 10 ACH (Min) Lighting Level Other Shee Vinyl 010 for at bench/desk (lafbs) Social Epoxy Carpet Carpet Air Pressure Negative Astral Daylight Prefered or not Arent Base Other Bocial Lighting Carpet Acoustic Tile X Other Beal Locater Height Moow X Air Bed Locater Hei	8 hours/day	Standard x	Video Conferencing
Other Power at Table Data at Table Lectern or Other Celling Speakers MECHANICAL ELECTRICAL ARCHITECTURAL Temperature Electrical Raceway Walls/Partitions 68'-75' ± 2'F X 208V, 30A, 1 Phase X 72'F ± 2'F X 208V, 30A, 1 Phase GWB, Paint 0ther 208V, 30A, 3 Phase Other Humidity X 60W, Paint X 50%- 25%± 5% X Emergency/ Standby Power Corner Guards Uncontrolled UPS (OFOI) Corner Guards Image: Corner Guards 0ther 0ther Other Other 10 ACH (Min) Lighting Level Sheet Vinyl Flooring 10 ACH (Min) Lighting Level Sheet Vinyl Concrete 10 ACH (Min) Lighting Level Concrete Porcelain Tiles Air Pressure Negative Darkenable or Dimmable Other Porcelain Tiles Air Filtration Special Lighting Base Acoustic Tile X Air Bed Locater Height Macoust Tile X Carpet Ging Gyb. Board Integrated Diagnostic wall system Acoustic Tile X Oxygen Patient Bed Gyb. Board Mindow Curtain Tack Doors	14 hours/day x	ADA	Projection Surface
OCCUPANY Data at Table No. Of Occupants Lectem or Other Celling Speakers Celling Speakers MECHANICAL ELECTRICAL Emperature Electrical Raceway 0ftar 208V, 30A, 1 Phase Other 208V, 30A, 1 Phase 0fter Comer Guards 0fter Corner Guards 0fter Corner Guards 0fter Other 15 ACH (Min) Emergencyl Standby Power 10 ACH (Min) Lighting 10 ACH (Min) Lighting Level 80-100 fc at bench/desk (labs) Concrete 71 Fressure Negative 30-60 fc at bench/desk (labs) Air Pressure Positive Task Lighting Air Fristration at Supply or Exhaust Open Other Exam Table CASEWORK/MILLWORK/ FURNITURE Exam Table Reductor/Vacuum Diagnostic wall system Other Headwall Value Control Air Bed Locater Height Midow Other Giaver State viscon Shelves Curtain track Ot	24 hours/day	Scullery	Flat screen Monitors
OCCUPANY Lectern or Other No. Of Occupants Celling Speakers MECHANICAL ELECTRICAL Temperature Electrical Raceway 68'-75' ± 2'' F X Other 208V, 30A, 1 Phase Yolker 208V, 30A, 3 Phase Other Other Humidity 480V, 100A, 3 Phase Other Corresh Rails UPS (OFOI) Crash Rails Other Other Humidity 80-100 for at bench/desk (labs) Other Solke-25%: UPS (OFOI) Crash Rails Other Other ID ACH (Min) LiGHTINC Lighting Level Sheet Vinyl free tile Solke-up Air 80-100 for at bench/desk (labs) Recirculated Air x Air Pressure Negative Darkenable or Dimmable Other Darkenable or Dimmable Other Open Natural Daylight Preferred or not A* Rubber Integrated Diagnostic wall system Acoustic Tile Air Bed Locater Height Other Gyp. Board<		Other	Power at Table
No. Of Occupants Ceiling Speakers MECHANICAL ELECTRICAL ARCHITECTURAL Temperature Electrical Raceway Walls/Partitions 68'-75' ± 2'F 110V, 20A, 1 Phase X Other 208V, 30A, 3 Phase GWB, Paint X 0ther 208V, 30A, 3 Phase Wall S/Partitions X 50%-25%±5% X Emergency/ Standby Power Corner Guards Corner Guards Uncontrolled UPS (OFOI) Crash Rails Corner Guards 0ther < 50%			Data at Table
MECHANICAL ELECTRICAL ARCHITECTURAL Temperature Electrical Raceway Walls/Paritions 68'-75° ± 2°F 110V, 20A, 1 Phase X Other 208V, 30A, 1 Phase GWB, Paint X Other 208V, 30A, 3 Phase GWB, Epoxy Paint X 50%- 25%± 5% X Emergency/ Standby Power Corner Guards Corner Guards Uhnochtoiled UPS (OFOI) Other Other Flooring 15 ACH (Min) Lighting Level Sheet Vinyl Sheet Vinyl 100% Make-up Air 80-00 fc at bench/desk (labs) Concrete Recirculated Air x 30-60 fc at bench/desk (labs) Concrete Air Pressure Positive Task Lighting Carpet Carpet Air Pitration at Supply or Exhaust Special Lighting Base Other Oxygen Patient Bed Gyp. Board Eagle of the Height Headwall Exam Table Open Ceiling Other Height Height Conget standard Conget standard Air Bed Locater Height Height Headwall	OCCUPANY		Lectern or Other
Temperature Electrical Raceway Walls/Partitions 68*75* ± 2*F 110V, 20A, 1 Phase X 72*F ± 2*F 208V, 30A, 1 Phase GWB, Epoxy Paint X Other 208V, 30A, 3 Phase Other 100*, 25% ± 5% X Emergency/ Standby Power Correr Guards Uncontrolled UPS (OFOI) Crash Rails Correr Guards Other < 50%	No. Of Occupants		Ceiling Speakers
68°-75° ± 2°F 110V, 20A, 1 Phase x GWB, Paint x 72°F ± 2°F x 208V, 30A, 3 Phase GWB, Epoxy Paint	MECHANICAL	ELECTRICAL	ARCHITECTURAL
72°F ± 2°F x 208V, 30A, 1 Phase GWB, Epoxy Paint Other 208V, 30A, 3 Phase Other Humidity 480V, 100A, 3 Phase Wall Protection 50% - 25%± 5% x Emergencyl Standby Power Corner Guards Uncontrolled UPS (OFOI) Crash Rails Other 0ther < 50%	Temperature	Electrical Raceway	Walls/Partitions
Other 208V, 30A, 3 Phase Other Humidity 480V, 100A, 3 Phase Wall Protection 50%- 25%± 5% x Emergency/ Standby Power Corner Guards Uncontrolled UPS (OFCI) Crash Rails	68°-75° ± 2°F	110V, 20A, 1 Phase x	GWB, Paint x
Humidity 480V, 100Å, 3 Phase Wall Protection 50% - 25%± 5% x Emergency/ Standby Power Crash Rails Uncontrolled UPS (OFOI) Crash Rails Other Other Other 15 ACH (Min) LIGHTING VCT/ Vinyl free tile 6 ACH (Min) Lighting Level Sheet Vinyl 10 AcH (Min) Elighting Level Sheet Vinyl 100% Make-up Air 80-100 fo at bench/desk (labs) Concrete Recirculated Air x 30-60 fc at bench/desk (offices) Resinous/ Epoxy Air Pressure Positive Darkenable or Dimmable Other Porcelain Tiles Air Pressure Negative Darkenable or Dimmable Other Resinous/ Epoxy Air Bed Locater Height Integral w/floor x Valued Viscum Integrated Diagnostic wall system Acoustic Tile x Other Bed Locater Height Minow Table w/ seating for 2-4 Computer Terminal One way glass x Vial Cabinets or Shelves Curtain track Doors Single Flush Sofa/ Lounge chair Curtain	72°F ± 2°F x	208V, 30A, 1 Phase	GWB, Epoxy Paint
50%-25%±5% x Emergency/Standby Power Corner Guards Uncontrolled UPS (OFOI) Crash Rails Other 15 ACH (Min) 0ther Flooring Flooring 10 ACH (Min) Lighting Level Sheet Vinyl Sheet Vinyl 100% Make-up Air 80-100 fc at bench/desk (labs) Scheet Vinyl Sheet Vinyl 100% Make-up Air 30-60 fc at bench/desk (labs) Concrete Resinous/ Epoxy Air Pressure Positive Task Lighting Carpet Other Air Pressure Negative Darkenable or Dimmable Other Integral w/floor X CASEWORK/MILLWORK/ FURNITURE EQUIPMENT Ceiling X Ceiling Natural Daylight Preferred or not Integral w/floor X X Oxygen Patient Bed Gyp. Board M X Air Bed Locater Height Mindow M X Valid Cabinets or Shelves Curtain track Doors X X Other Headwall Window Mindow M X Air Gataret Height M <td< td=""><td>Other</td><td>208V, 30A, 3 Phase</td><td>Other</td></td<>	Other	208V, 30A, 3 Phase	Other
Uncontrolled UPS (OFOI) Crash Rails Other Other Other 15 ACH (Min) LiGHTING Flooring 10 ACH (Min) LiGHTING VCT/ Vinyl free tile 6 ACH (Min) Lighting Level Sheet Vinyl 100% Make-up Air x 30-60 fc at bench/desk (labs) Concrete Recirculated Air x 30-60 fc at bench/desk (offices) Resinous/ Epoxy Air Pressure Positive Darkenable or Dimmable Other Porcelain Tiles Air Filtration at Supply or Exhaust Special Lighting Base Integral w/floor x CASEWORK/MILLWORK/ FURNITURE EQUIPMENT Ceiling Open Integral w/floor x Mar Bed Locater Height Open Integrated Diagnostic wall system Acoustic Tile x Other Computer Terminal One way glass X Wall Cabinets or Shelves Curtain track Doors Size 3'-0"x7'-0" Starear Other Type Single Flush Operable Wall Air ar ADJACENCY CRITERIA Vision Panel Disors	Humidity	480V, 100A, 3 Phase	Wall Protection
Other < 50% Other Other 15 ACH (Min) LIGHTING Flooring 10 ACH (Min) LIGHTING VCT/ Vinyl free tile 6 ACH (Min) Lighting Level Sheet Vinyl 100% Make-up Air 80-100 fc at bench/desk (labs) Concrete Recirculated Air x 30-60 fc at bench/desk (offices) Resinous/ Epoxy Air Pressure Positive Task Lighting Carpet Porcelain Tiles Air Filtration at Supply or Exhaust Special Lighting Base Atr Rubber Other Natural Daylight Preferred or not 4" Rubber Integral w/floor x CASEWORK/MILLWORK/ FURNITURE EQUIPMENT Ceiling Open Integrated Diagnostic wall system Acoustic Tile x Oxygen Patient Bed Gyp. Board Main Kindow Mindow Air Bed Locater Height One way glass x Wall Cabinets or Shelves Curtain track Doors Size 3'-0"x7'-0" Sofa/ Lounge chair Curtain Size 3'-0"x7'-0" Single Flush 3 drawer ADJACENCY CRITERIA Vision Panel	50%- 25%± 5% x	Emergency/ Standby Power	Corner Guards
Other Other Other 15 ACH (Min) IGHTING Flooring 10 ACH (Min) Lighting Level Sheet Vinyl 100% Make-up Air 80-100 fc at bench/desk (labs) Concrete Recirculated Air x 30-60 fc at bench/desk (labs) Concrete Air Pressure Positive Task Lighting Carpet Porcelain Tiles Air Filtration at Supply or Exhaust Special Lighting Base Other Porcelain Tiles Air Filtration at Supply or Exhaust Special Lighting Base Ceiling Headwall Suction/Vacuum Integrated Diagnostic wall system Acoustic Tile x Other Patient Bed Gyp. Board Air Air Bed Locater Height Mindow Table wiseating for 2-4 Computer Terminal One way glass x Vall Cabinets or Shelves Curtain track Doors Single Flush Stare Other Type Single Flush 3 drawer ADJACENCY CRITERIA Vision Panel Other	Uncontrolled	UPS (OFOI)	Crash Rails
10 ACH (Min) LIGHTING VCT/ Vinyl free tile 6 ACH (Min) Lighting Level Sheet Vinyl 100% Make-up Air 80-100 fc at bench/desk (labs) Concrete Recirculated Air x 30-60 fc at bench/desk (offices) Resinous/ Epoxy Air Pressure Positive Task Lighting Carpet	Other < 50%		Other
6 ACH (Min) Lighting Level Sheet Vinyl 100% Make-up Air 80-100 fc at bench/desk (labs) Concrete Recirculated Air x 30-60 fc at bench/desk (labs) Resinous/ Epoxy Air Pressure Positive Task Lighting Carpet Porcelain Tiles Air Pressure Negative Darkenable or Dimmable Other Porcelain Tiles Air Filtration at Supply or Exhaust Special Lighting Base Integral w/floor x CASEWORK/MILLWORK/ FURNITURE EQUIPMENT Ceiling Open Integral w/floor x Suction/Vacuum Integrated Diagnostic wall system Acoustic Tile x X Oxygen Patient Bed Open Mindow X Table w/ seating for 2-4 Computer Terminal One way glass X Wall Cabinets or Shelves Curtain track Doors Size 3'-0"x7'-0" Sofa/ Lounge chair Other Type Single Flush 3 drawer AbJACENCY CRITERIA Vision Panel Operable Wall	15 ACH (Min)		Flooring
6 ACH (Min) Lighting Level Sheet Vinyl 100% Make-up Air 80-100 fc at bench/desk (labs) Concrete Recirculated Air x 30-60 fc at bench/desk (labs) Resinous/ Epoxy Air Pressure Positive Task Lighting Carpet Porcelain Tiles Air Pressure Negative Darkenable or Dimmable Other Porcelain Tiles Air Filtration at Supply or Exhaust Special Lighting Base Integral w/floor x Other Natural Daylight Preferred or not 4" Rubber Integral w/floor x CASEWORK/MILLWORK/ FURNITURE EQUIPMENT Ceiling Ceiling Suction/Vacuum Integrated Diagnostic wall system Acoustic Tile x Oxygen Patient Bed Gyp. Board M Air Bed Locater Height M Other Headwall Window X Table w/ seating for 2-4 Computer Terminal One way glass x Wall Cabinets or Shelves Curtain track Doors Size 3'-0"x7'-0" Sofa/ Lounge chair Cutrain Size 3'-0"x7'-0" Other Single Flush </td <td></td> <td>LIGHTING</td> <td>VCT/ Vinyl free tile</td>		LIGHTING	VCT/ Vinyl free tile
100% Make-up Air 80-100 fc at bench/desk (labs) Concrete Recirculated Air x 30-60 fc at bench/desk (offices) Resinous/ Epoxy Air Pressure Negative Darkenable or Dinmable Other Porcelain Tiles Air Filtration at Supply or Exhaust Special Lighting Base Integral w/floor x CASEWORK/MILLWORK/ FURNITURE EQUIPMENT Ceiling Open Integral w/floor x Suction/Vacuum Integrated Diagnostic wall system Acoustic Tile x X Other Bed Locater Height Mindow X Air Bed Locater Height One way glass x Vall Cabinets or Shelves Curtain track Doors Size 3-0"x7"-0" Sofa/ Lounge chair Adjacency CRITERIA Vision Panel Single Flush 3 drawer Abjacency CRITERIA Vision Panel Single Flush		Lighting Level	
Air Pressure Positive Task Lighting Carpet Air Pressure Negative Darkenable or Dimmable Other Porcelain Tiles Air Filtration at Supply or Exhaust Special Lighting Base Integral w/floor x CASEWORK/MILLWORK/ FURNITURE EQUIPMENT Ceiling Integral w/floor x Meadwall Exam Table Open Open Integrated Diagnostic wall system Acoustic Tile x Oxygen Patient Bed Gyp. Board			Concrete
Air Pressure Positive Task Lighting Carpet Air Pressure Negative Darkenable or Dimmable Other Porcelain Tiles Air Filtration at Supply or Exhaust Special Lighting Base Integral w/floor x CASEWORK/MILLWORK/ FURNITURE EQUIPMENT Ceiling Integral w/floor x Meadwall Exam Table Open Open Integrated Diagnostic wall system Acoustic Tile x Oxygen Patient Bed Gyp. Board	Recirculated Air x	30-60 fc at bench/desk (offices)	Resinous/ Epoxy
Air Pressure Negative Darkenable or Dimmable Other Porcelain Tiles Air Filtration at Supply or Exhaust Special Lighting Base Integral w/floor x CASEWORK/MILLWORK/ FURNITURE EQUIPMENT Ceiling Integral w/floor x Matural Daylight Preferred or not Integral w/floor x Ceiling Suction/Vacuum Integrated Diagnostic wall system Acoustic Tile x Oxygen Patient Bed Gyp. Board	Air Pressure Positive	·	
Air Filtration at Supply or Exhaust Special Lighting Base Other Natural Daylight Preferred or not 4" Rubber Integral w/floor x CASEWORK/MILLWORK/ FURNITURE EQUIPMENT Ceiling Headwall Exam Table Open Suction/Vacuum Integrated Diagnostic wall system Acoustic Tile x Oxygen Patient Bed Gyp. Board	Air Pressure Negative		
Other Natural Daylight Preferred or not 4" Rubber CASEWORK/MILLWORK/ FURNITURE EQUIPMENT Ceiling Headwall Exam Table Open Suction/Vacuum Integrated Diagnostic wall system Acoustic Tile x Oxygen Patient Bed Gyp. Board		Special Lighting	
Integral w/floor x CASEWORK/MILLWORK/ FURNITURE EQUIPMENT Ceiling Headwall Exam Table Open Suction/Vacuum Integrated Diagnostic wall system Acoustic Tile x Oxygen Patient Bed Gyp. Board	Other		4" Rubber
CASEWORK/MILLWORK/ FURNITURE EQUIPMENT Ceiling Headwall Exam Table Open Suction/Vacuum Integrated Diagnostic wall system Acoustic Tile x Oxygen Patient Bed Gyp. Board		,,,	Integral w/floor x
Headwall Exam Table Open Suction/Vacuum Integrated Diagnostic wall system Acoustic Tile x Oxygen Patient Bed Gyp. Board Integrated Diagnostic wall system Acoustic Tile x Air Bed Locater Height Integrated Diagnostic wall system Gyp. Board Integrated Diagnostic wall system Integrated Diagnostic wall system Gyp. Board Integrated Diagnostic wall system Integrated Diagnostic wall system Gyp. Board Integrated Diagnostic wall system Integrated Diagnostic wall system Integrated Diagnostic wall system Integrated Diagnostic wall system Gyp. Board Integrated Diagnostic wall system Integrated Diagnostic wall system	CASEWORK/MILLWORK/ FURNITUR	E EQUIPMENT	
Oxygen Patient Bed Gyp. Board Air Bed Locater Height Other Headwall Window Table w/ seating for 2-4 Computer Terminal One way glass x Wall Cabinets or Shelves Curtain track Doors 3'-0"x7'-0" Sofa/ Lounge chair Curtain Size 3'-0"x7'-0" Lateral File Cabinets Other Type Single Flush 2 drawer Operable Wall Operable Wall	Headwall	Exam Table	
Air Bed Locater Height Other Headwall Window Table w/ seating for 2-4 Computer Terminal One way glass Wall Cabinets or Shelves Curtain track Doors Sofa/ Lounge chair Curtain Size 3'-0"x7'-0" Lateral File Cabinets Other Type Single Flush 2 drawer Operable Wall	Suction/Vacuum	Integrated Diagnostic wall system	Acoustic Tile x
Other Headwall Window Table w/ seating for 2-4 Computer Terminal One way glass X Wall Cabinets or Shelves Curtain track Doors Sofa/ Lounge chair Curtain Size 3'-0"x7'-0" Lateral File Cabinets Other Type Single Flush 2 drawer Operable Wall	Oxygen	Patient Bed	Gyp. Board
Other Headwall Window Table w/ seating for 2-4 Computer Terminal One way glass X Wall Cabinets or Shelves Curtain track Doors Sofa/ Lounge chair Curtain Size 3'-0"x7'-0" Lateral File Cabinets Other Type Single Flush 2 drawer Operable Wall	Air	Bed Locater	Height
Table w/ seating for 2-4 Computer Terminal One way glass x Wall Cabinets or Shelves Curtain track Doors Sofa/ Lounge chair Curtain Size 3'-0"x7'-0" Lateral File Cabinets Other Type Single Flush 2 drawer Operable Wall	Other	Headwall	
Wall Cabinets or Shelves Curtain track Doors Sofa/ Lounge chair Curtain Size 3'-0"x7'-0" Lateral File Cabinets Other Type Single Flush 2 drawer Operable Wall Operable Wall 3 drawer ADJACENCY CRITERIA Vision Panel			One way glass x
Lateral File Cabinets Other Type Single Flush 2 drawer Operable Wall 3 drawer ADJACENCY CRITERIA Vision Panel	Wall Cabinets or Shelves	Curtain track	
Lateral File Cabinets Other Type Single Flush 2 drawer Operable Wall 3 drawer ADJACENCY CRITERIA Vision Panel	Sofa/ Lounge chair	Curtain	Size 3'-0"x7'-0"
2 drawer Operable Wall 3 drawer ADJACENCY CRITERIA	Lateral File Cabinets	Other	Type Single Flush
3 drawer ADJACENCY CRITERIA Vision Panel	2 drawer		
		ADJACENCY CRITERIA	· · · · · · · · · · · · · · · · · · ·
	Vertical File Cabinets	Primary Adjacency Exam rooms	Special Hardware or Seals
2 drawer Secondary Adjacency SP Ante room	2 drawer		
3 drawer		, , _, _,	
Guest Chairs PERFORMANCE REQUIREMENTS SECURITY		PERFORMANCE REQUIREMENTS	SECURITY
Conference Table NC Acoustical Criteria Locks			
	Markerboard		
Tackboard Privacy Criteria			
Counter Other Criteria			

REMARKS:





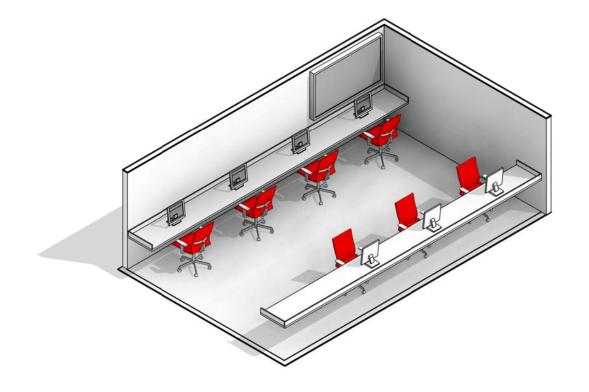


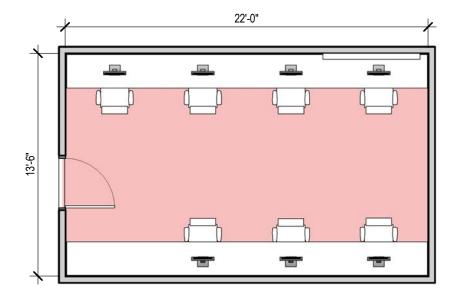
UTILIZATION	PLUMBING	AV
Hours of Operation	Sinks	Distance Learning
8 hours/day x	Standard	Video Conferencing
14 hours/day	ADA x	Projection Surface
24 hours/day	Scullery	Flat screen Monitors
	Notes Handwashing sink	Power at Table
		Data at Table
OCCUPANY		Lectern or Other
No. Of Occupants 2-6		Ceiling Speakers
MECHANICAL	ELECTRICAL	ARCHITECTURAL
Temperature	Electrical Raceway	Walls/Partitions
68°-75° ± 2°F	110V, 20A, 1 Phase x	GWB, Paint
72°F ± 2°F x	208V, 30A, 1 Phase x	GWB, Epoxy Paint
Other	208V, 30A, 3 Phase	Other
Humidity	480V, 100A, 3 Phase	Wall Protection
50%-25%±5% x	Emergency/ Standby Power	Corner Guards
Uncontrolled	UPS (OFOI)	Crash Rails
Other < 50%	Other	Other
15 ACH (Min)		Flooring
10 ACH (Min)	LIGHTING	VCT/ Vinyl free tile
6 ACH (Min)	Lighting Level	Sheet Vinyl
100% Make-up Air	80-100 fc at bench/desk (labs)	Concrete
Recirculated Air	30-60 fc at bench/desk (offices) x	Resinous/ Epoxy
Air Pressure Positive	Task Lighting	Carpet
Air Pressure Negative	Darkenable or Dimmable x	Other
Air Filtration at Supply or Exhaust	Special Lighting	Base
Other	Natural Daylight Preferred or not	4" Rubber
		Integral w/floor
CASEWORK/MILLWORK/ FURNITURE	EQUIPMENT	Ceiling
Headwall	Exam Table x	Open
Suction/Vacuum	Integrated Diagnostic wall system x	Acoustic Tile
Oxygen	Patient Bed	Gyp. Board
Air	Bed Locater	Height Window
Other Table w/ seating for 2-4	Headwall x	
	Computer Terminal <u>x</u> Curtain track	One way glass Doors
Wall Cabinets or Shelves <u>x</u> Sofa/ Lounge chair	Curtain	Size
Lateral File Cabinets	Other Mirror.	
2 drawer		Type Operable Wall
3 drawer	ADJACENCY CRITERIA	Vision Panel
Vertical File Cabinets	Primary Adjacency SP Survey Charting Ar	-
2 drawer	Secondary Adjacency SP Ante Room	
3 drawer		
Guest Chairs 2	PERFORMANCE REQUIREMENTS	SECURITY
Conference Table	NC Acoustical Criteria	Locks
Markerboard x	Acoustical Panels	Card Access
Tackboard	Privacy Criteria	•
Other Base and Upper cab	· · · · · · · · · · · · · · · · · · ·	
REMARKS:		

C1-4 SP EXAM ROOMS STANDARDIZED PATIENT & SUPPORT SPACES

	AV	
	Distance Learning	
	Video Conferencing	
x	Projection Surface	
	Flat screen Monitors	х
Handwashing sink	Power at Table	x
	Data at Table	
	Lectern or Other	
	Ceiling Speakers	x
	Sening Speakers	^
	ARCHITECTURAL	
	Walls/Partitions	
X	GWB, Paint	х
× ×	,	
X	GWB, Epoxy Paint	
	Other	
	Wall Protection	
	Corner Guards	
	Crash Rails	
	Other	
	Flooring	
	VCT/ Vinyl free tile	
	Sheet Vinyl	
abs)	Concrete	
fices) x	Resinous/ Epoxy	
·	Carpet	
X	Other	Rubber
	Base	
not	4" Rubber	х
	Integral w/floor	
	Ceiling	
x	Open	
stem x	Acoustic Tile	~
		X
	Gyp. Board	
	Height	
	Window	
X	One way glass	Х
	Doors	
	Size	
Mirror.	Туре	
	Operable Wall	
	Vision Panel	No
SP Survey Charting Are SP Ante Room	ea Special Hardware or Sea	als
MENTS	SECURITY	
	Locks	
	Card Access	X
	2.2.4.7.00000	









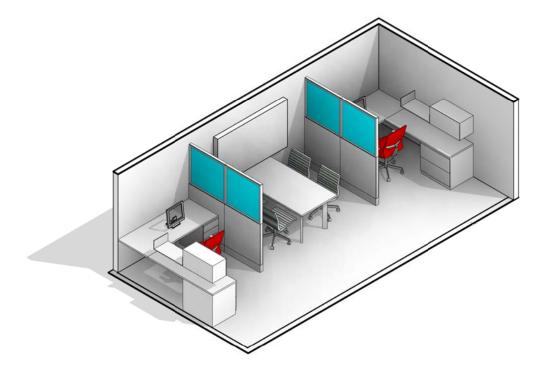
C1-5 SP MONITORING/CONTROL ROOMS STANDARDIZED PATIENT & SUPPORT SPACES

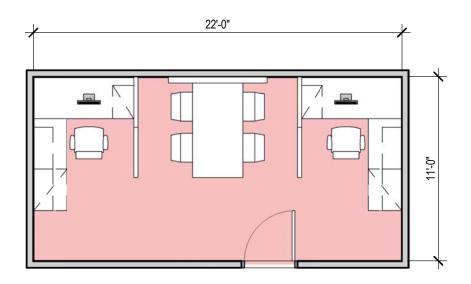
UTILIZATION	PLUMBING
Hours of Operation	Sinks
8 hours/day	Standard
14 hours/day	x ADA
24 hours/day	Scullery
	Other
OCCUPANY	
No. Of Occupants	1-4
•	<u> </u>
	ELECTRICAL
Temperature	Electrical Raceway
68°-75° ± 2°F	110V, 20A, 1 Phase
72°F ± 2°F	x 208V, 30A, 1 Phase
Other	208V, 30A, 3 Phase
Humidity	480V, 100A, 3 Phase
50%- 25%± 5%	x Emergency/ Standby Power
Uncontrolled	UPS (OFOI)
Other < 50%	Other
15 ACH (Min)	
10 ACH (Min)	LIGHTING
6 ACH (Min)	Lighting Level
100% Make-up Air	80-100 fc at bench/desk (labs)
Recirculated Air	30-60 fc at bench/desk (office:
Air Pressure Positive	Task Lighting
Air Pressure Negative	Darkenable or Dimmable
Air Filtration at Supply or Exhaust	Special Lighting
Other	Natural Daylight Preferred or not
CASEWORK/MILLWORK/ FURN Headwall	URE EQUIPMENT Exam Table
Suction/Vacuum	Integrated Diagnostic wall system
Oxygen	Patient Bed
Air	Bed Locater
Other	Headwall
Table w/ seating for 2-4	Computer Terminal
Wall Cabinets or Shelves	Curtain track
Sofa/ Lounge chair	Curtain
Lateral File Cabinets	Other Multip
2 drawer	
3 drawer	ADJACENCY CRITERIA
Vertical File Cabinets	Primary Adjacency
2 drawer	Secondary Adjacency Fa
3 drawer	
Guest Chairs	PERFORMANCE REQUIREMENT
Conference Table	NC Acoustical Criteria
Markerboard	Acoustical Panels
Tackboard	Privacy Criteria
Tackboard	Privacy Criteria Other Criteria

Multiple computer terminals stationed around the room for monitoring learning/ clinical assessment in exam rooms. Walls to go to deck for acoustic privacy



	AV	
	Distance Learning	
	Video Conferencing	
	Projection Surface	
	Flat screen Monitors	х
	Power at Table	х
	Data at Table	х
	Lectern or Other	
	Ceiling Speakers	
	U .	
	ARCHITECTURAL	
	Walls/Partitions	
Х	GWB, Paint	х
х	GWB, Epoxy Paint	
	Other	
	Wall Protection	
r	Corner Guards	
	Crash Rails	
	Other	
	Flooring	
	VCT/ Vinyl free tile	
	Sheet Vinyl	
(labs)	Concrete	
office: x	Resinous/ Epoxy	
	Carpet	
x	Other	Rubber
	Base	1100001
or not	4" Rubber	x
	Integral w/floor	~
	Ceiling	
	Open	
ystem	Acoustic Tile	x
ystem	Gyp. Board	^
	Height	
	Window	
Multiple		
Multiple	One way glass Doors	
	Size	2' 0"v 7' 0"
Multiple computer stations		3'-0"x 7'-0" Flush
Multiple computer stations		Flush
	Operable Wall	N
	Vision Panel	No
Exam Rooms	Special Hardware or Sea	lis
Faculty/ Tech room		
EMENTS	SECURITY	
	Locks	
	Card Access	х
High	July A00000	^







Sinks
Standard
ADA
Scullery
Other
ELECTRICAL
Electrical Raceway
110V, 20A, 1 Phase
208V, 30A, 1 Phase
208V, 30A, 3 Phase
480V, 100A, 3 Phase
Emergency/ Standby Power
UPS (OFOI)
Other
LIGHTING
Lighting Level
80-100 fc at bench/desk (lab
30-60 fc at bench/desk (offic Task Lighting
Darkenable or Dimmable
Special Lighting
Natural Daylight Preferred or no
EQUIPMENT
Exam Table
Integrated Diagnostic wall system
Patient Bed
Bed Locater
Headwall
Computer Terminal
Curtain track
Curtain
Other
ADJACENCY CRITERIA
Primary Adjacency
Secondary Adjacency
PERFORMANCE REQUIREME
NC Acoustical Criteria
Acoustical Panels
Privacy Criteria
Other Criteria

Large, open desk arrangement and millwork. Open area with line of sight to exam rooms or simulation rooms/ patient rooms.

C1-6 SP TELEHEALTH TEACHING LAB STANDARDIZED PATIENT & SUPPORT SPACES

	AV	
	Distance Learning	
	Video Conferencing	Х
	Projection Surface	
	Flat screen Monitors	Х
	Power at Table	Х
	Data at Table	Х
	Lectern or Other	
	Ceiling Speakers	
	ARCHITECTURAL	
	Walls/Partitions	
х	GWB, Paint	Х
	GWB, Epoxy Paint	
	Other	
	Wall Protection	
	Corner Guards	
	Crash Rails	
	Other	
	Flooring	
	VCT/ Vinyl free tile	
	Sheet Vinyl	
abs)	Concrete	
fices x	Resinous/ Epoxy	
Х	Carpet	
	Other	Rubber
	Base	
not	4" Rubber	х
	Integral w/floor	
	Ceiling	
	Open	
tem	Acoustic Tile	x
	Gyp. Board	~
	Height	9'
	Window	
X	One way glass	
	Doors	
	Size	
	Туре	
	Operable Wall	
	Vision Panel	
	Special Hardware or Se	als
Simulation Rooms		
IENTS	SECURITY	
-	Locks	
	Card Access	

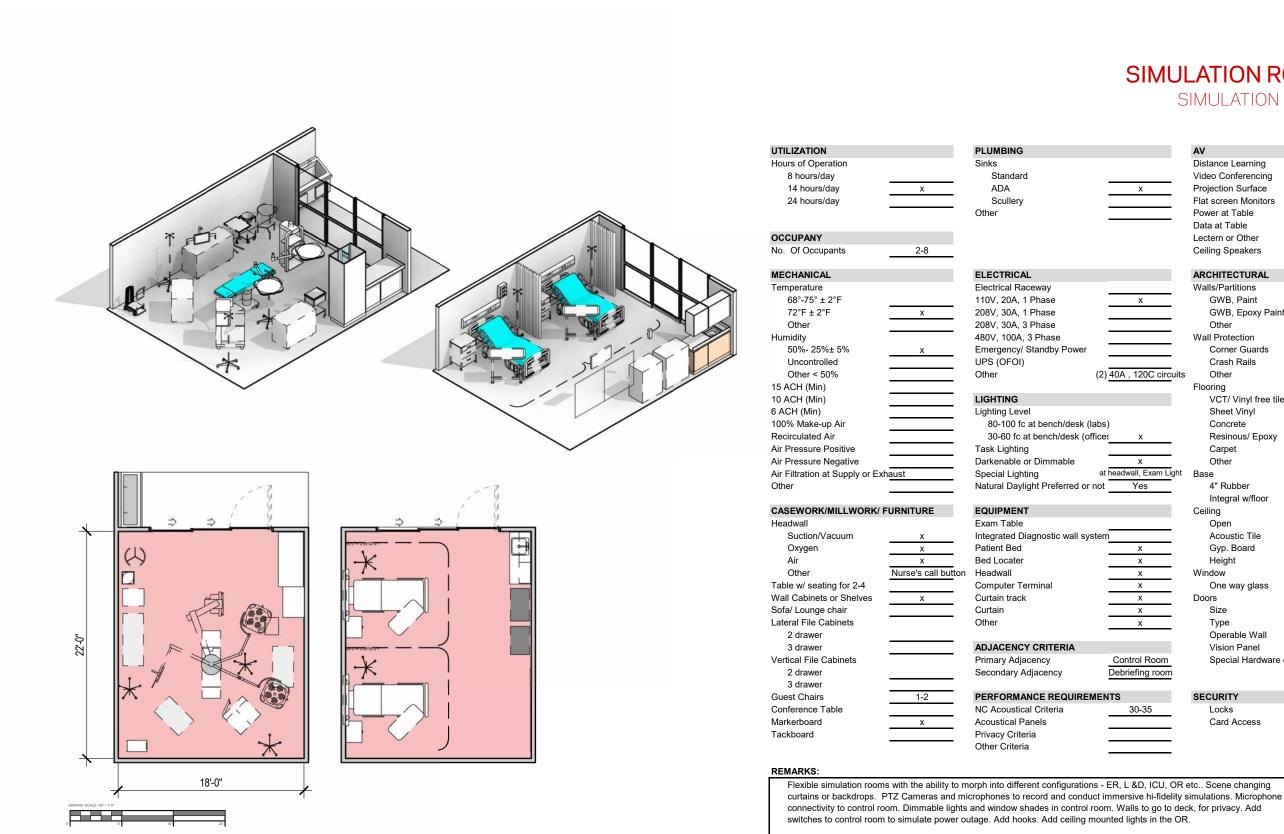




C1-7 SP STORAGE STANDARDIZED PATIENT & SUPPORT SPACES

UTILIZATION	PLUMBING	AV	
Hours of Operation	Sinks	Distance Learning	
8 hours/day	Standard	Video Conferencing	
14 hours/day	ADA	Projection Surface	
24 hours/day x	Scullery	Flat screen Monitors	
	Other	Power at Table	
		Data at Table	
OCCUPANY		Lectern or Other	
No. Of Occupants		Ceiling Speakers	
MECHANICAL	ELECTRICAL	ARCHITECTURAL	
Temperature	Electrical Raceway	Walls/Partitions	
68°-75° ± 2°F	110V, 20A, 1 Phase x	GWB, Paint	х
72°F ± 2°F x	208V, 30A, 1 Phase x	GWB, Epoxy Paint	
Other	208V, 30A, 3 Phase	Other	
Humidity	480V, 100A, 3 Phase	Wall Protection	
50%- 25%± 5% x	Emergency/ Standby Power	Corner Guards	х
Uncontrolled	UPS (OFOI)	Crash Rails	
Other < 50%	Other	Other	
15 ACH (Min)		Flooring	
10 ACH (Min)	LIGHTING	VCT/ Vinyl free tile	x
6 ACH (Min)	Lighting Level	Sheet Vinyl	
100% Make-up Air	80-100 fc at bench/desk (labs)	Concrete	
Recirculated Air	30-60 fc at bench/desk (offices x	Resinous/ Epoxy	
Air Pressure Positive	Task Lighting	Carpet	
Air Pressure Negative	Darkenable or Dimmable	Other	
Air Filtration at Supply or Exhaust	Special Lighting	Base	
Other	Natural Daylight Preferred or not Not	4" Rubber	х
		Integral w/floor	
CASEWORK/MILLWORK/ FURNITURE	EQUIPMENT	Ceiling	
Headwall	Exam Table	Open	
Suction/Vacuum	Integrated Diagnostic wall system	Acoustic Tile	х
Oxygen	Patient Bed	Gyp. Board	
Air	Bed Locater	Height	9'
Other	Headwall	Window	
Table w/ seating for 2-4	Computer Terminal	One way glass	
Wall Cabinets or Shelves	Curtain track	Doors	
Sofa/ Lounge chair	Curtain	Size 42" v	vide min.
Lateral File Cabinets	Other Open shelving	Туре	
2 drawer		Operable Wall	
3 drawer	ADJACENCY CRITERIA	Vision Panel	
Vertical File Cabinets	Primary Adjacency	Special Hardware or Seals	
2 drawer	Secondary Adjacency	·	
3 drawer			
Guest Chairs	PERFORMANCE REQUIREMENTS	SECURITY	
Conference Table	NC Acoustical Criteria	Locks	
Markerboard	Acoustical Panels	Card Access	х
Tackboard	Privacy Criteria		<u></u>
Storage shelves x	Other Criteria		
REMARKS:			

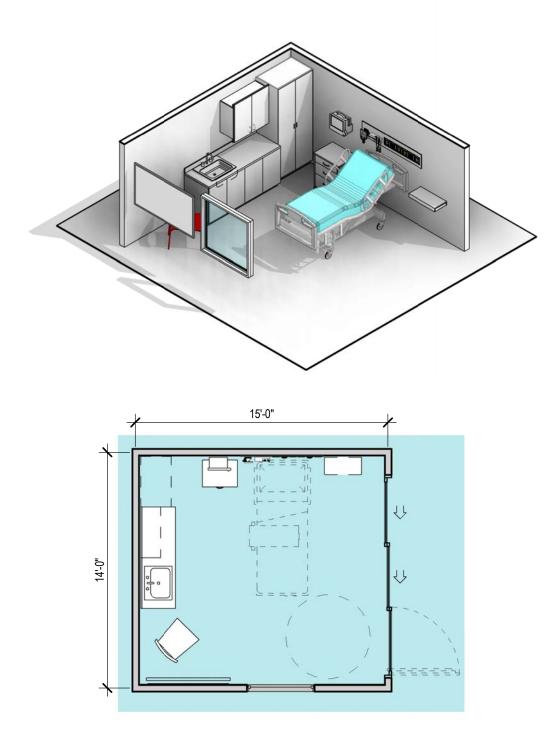
Provide double doors or a minimum of 42" wide door



C2-1 SIMULATION ROOMS SIMULATION SPACES

	AV	
	Distance Learning	
	Video Conferencing	
x	Projection Surface	
	Flat screen Monitors	x
	Power at Table	X
	Data at Table	
	Lectern or Other	
	Ceiling Speakers	x
	ARCHITECTURAL	
	Walls/Partitions	
X	GWB, Paint	x
	GWB, Epoxy Paint	
	Other	
	Wall Protection	
wer	Corner Guards	х
	Crash Rails	
(2) 40A, 120C circuits	Other	
	Flooring	
	VCT/ Vinyl free tile	
	Sheet Vinyl	
esk (labs)	Concrete	
sk (office: x	Resinous/ Epoxy	
	Carpet	
x	Other	Rubber
at headwall, Exam Light	Base	Rubbei
ed or not Yes	4" Rubber	v
		X
	Integral w/floor	
	Ceiling	
	Open	
III system	Acoustic Tile	X
X	Gyp. Board	
X	Height	>10'-0"
x	Window	
x	One way glass	х
Х	Doors	
Х	Size	9'-0"
Х	Туре	Glass sliding door
	Operable Wall	
	Vision Panel	x
Control Room	Special Hardware or	
Debriefing room	,	
IREMENTS	SECURITY	
30-35	Locks	
	Card Access	x







C2-2 PATIENT/MED-SURG ROOMS SIMULATION SPACES

UTILIZATION		PLUMBING
Hours of Operation		Sinks
8 hours/day		Standard
14 hours/day	х	ADA
24 hours/day		Scullery
		Other
OCCUPANY		
No. Of Occupants	2-8	
MECHANICAL		ELECTRICAL
Temperature		Electrical Raceway
68°-75° ± 2°F		110V, 20A, 1 Phase
72°F ± 2°F	х	208V, 30A, 1 Phase
Other		208V, 30A, 3 Phase
Humidity		480V, 100A, 3 Phase
50%- 25%± 5%	х	Emergency/ Standby Power
Uncontrolled		UPS (OFOI)
Other < 50%		Other
15 ACH (Min)		
10 ACH (Min)		LIGHTING
6 ACH (Min)		Lighting Level
100% Make-up Air		80-100 fc at bench/desk (lab
Recirculated Air		30-60 fc at bench/desk (offic
Air Pressure Positive		Task Lighting
Air Pressure Negative		Darkenable or Dimmable
Air Filtration at Supply or Ex	khaust	Special Lighting
Other		Natural Daylight Preferred or no
CASEWORK/MILLWORK/	FURNITURE	EQUIPMENT
Headwall		Exam Table
Suction/Vacuum	х	Integrated Diagnostic wall syste
Oxygen		Patient Bed
Air	х	Bed Locater
Other	Nurse's call button	Headwall
Table w/ seating for 2-4		Computer Terminal
Wall Cabinets or Shelves	х	Curtain track
Sofa/ Lounge chair		Curtain
Lateral File Cabinets 2 drawer		Other
3 drawer		ADJACENCY CRITERIA
Vertical File Cabinets		Primary Adjacency
2 drawer		Secondary Adjacency
3 drawer		occontary Adjacency
Guest Chairs		PERFORMANCE REQUIREME
Conference Table		NC Acoustical Criteria
Markerboard	x	Acoustical Panels
Tackboard	λ	Privacy Criteria
i donboard		Other Criteria

Flexible simulation rooms with the ability to morph into different configurations. Scene changing curtains or backdrops. PTZ Cameras and microphones to record and conduct immersive hi-fidelity simulations

	AV	
	Distance Learning	
	Video Conferencing	
x	Projection Surface	
	Flat screen Monitors	х
	Power at Table	~
	Data at Table	
	Lectern or Other	
	Ceiling Speakers	Х
	ARCHITECTURAL	
	Walls/Partitions	
×	GWB, Paint	×
Х		Х
	GWB, Epoxy Paint	
	Other	
	Wall Protection	
	Corner Guards	х
	Crash Rails	
	Other	
	Flooring	
	VCT/ Vinyl free tile	
	Sheet Vinyl	
s)	Concrete	
e: X	Resinous/ Epoxy	
	Carpet	Dubban
<u> </u>	Other	Rubber
at headwall	Base	
t Yes	4" Rubber	х
	Integral w/floor	
	Ceiling	
	Open	
m x	Acoustic Tile	x
x	Gyp. Board	
x	Height	
x	Window	
X	One way glass	х
	Doors	^
<u>x</u>		01.01
<u> </u>	Size	9'-0"
Hooks	Туре	Glass sliding door
	Operable Wall	
	Vision Panel	Х
Control Room	Special Hardware or Sea	als
Debriefing room		
NTS	SECURITY	
30-35	Locks	
	Card Access	х

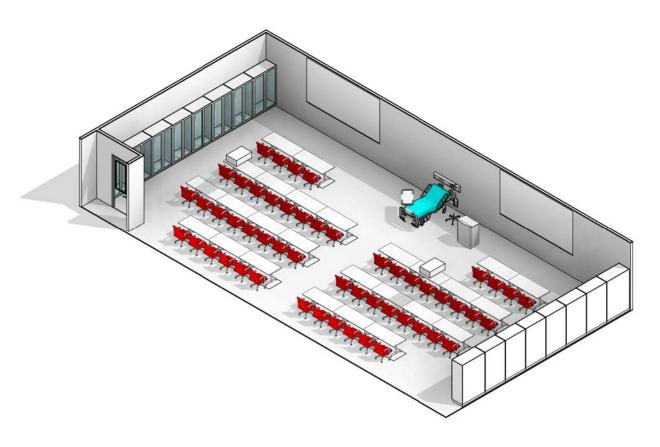
C2-3 DESIGNATED AGENCY SIMULATION ROOM SIMULATION SPACES

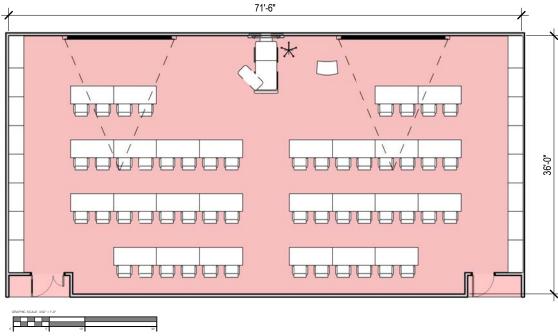
UTILIZATION		PLUMBING		AV	
Hours of Operation		Sinks		Distance Learning	
8 hours/day		Standard		Video Conferencing	
14 hours/day	х	ADA	x	Projection Surface	
24 hours/day		Scullery		Flat screen Monitors	x
		Other		Power at Table	
				Data at Table	
OCCUPANY				Lectern or Other	
No. Of Occupants	2-8			Ceiling Speakers	x
MECHANICAL		ELECTRICAL		ARCHITECTURAL	
Temperature		Electrical Raceway		Walls/Partitions	
68°-75° ± 2°F		110V, 20A, 1 Phase	х	GWB, Paint	х
72°F ± 2°F	х	208V, 30A, 1 Phase		GWB, Epoxy Paint	
Other		208V, 30A, 3 Phase		Other	
Humidity		480V, 100A, 3 Phase		Wall Protection	
50%- 25%± 5%	х	Emergency/ Standby Power		Corner Guards	х
Uncontrolled		UPS (OFOI)		Crash Rails	
Other < 50%			2) 40A, 120C circuits	Other	
15 ACH (Min)				Flooring	
10 ACH (Min)		LIGHTING		VCT/ Vinyl free tile	
6 ACH (Min)		Lighting Level		Sheet Vinyl	
100% Make-up Air		80-100 fc at bench/desk (lab	s)	Concrete	
Recirculated Air	·	30-60 fc at bench/desk (offic	,	Resinous/ Epoxy	
Air Pressure Positive	·	Task Lighting		Carpet	
Air Pressure Negative		Darkenable or Dimmable	x	Other	Rubber
Air Filtration at Supply or Exl	haust		at headwall, Exam Light	Base	Tubbol
Other	laust	Natural Daylight Preferred or no		4" Rubber	x
		Hatala Bayight Tolohoa of he	100	Integral w/floor	
CASEWORK/MILLWORK/ I		EQUIPMENT		Ceiling	
Headwall	ORATIONE	Exam Table		Open	
Suction/Vacuum	x	Integrated Diagnostic wall syste	m	Acoustic Tile	x
Oxygen	X	Patient Bed	X	Gyp. Board	
Air	×	Bed Locater	X	Height	>10'-0"
Other	Nurse's call button		× ×	Window	210-0
Table w/ seating for 2-4	Nuises can bullon	Computer Terminal	<u> </u>		v
Wall Cabinets or Shelves		Curtain track	<u> </u>	One way glass Doors	<u> </u>
Sofa/ Lounge chair	x	Curtain	<u> </u>	Size	9'-0"
Lateral File Cabinets		Other			9 -0 Glass sliding door
2 drawer		Other	X	Type Operable Wall	Glass sliding door
		ADJACENCY CRITERIA		Vision Panel	
3 drawer Vertical File Cabinets			Control Door		X
		Primary Adjacency	Control Room	Special Hardware or	Seals
2 drawer		Secondary Adjacency	Debriefing room		
3 drawer	1.0		NTO	OF CUDITY	
Guest Chairs	1-2	PERFORMANCE REQUIREME	-	SECURITY	
Conference Table		NC Acoustical Criteria	30-35	Locks	
Markerboard	X	Acoustical Panels		Card Access	X
Tackboard	·	Privacy Criteria			
		Other Criteria			

REMARKS:

Flexible simulation rooms with the ability to morph into different configurations - ER, L &D, ICU, OR etc.. Scene changing curtains or backdrops. PTZ Cameras and microphones to record and conduct immersive hi-fidelity simulations. Microphone connectivity to control room. Dimmable lights and window shades in control room. Walls to go to deck, for privacy. Add switches to control room to simulate power outage. Add hooks. Add ceiling mounted lights in the OR.







C2-4 LARGE SIMULATION VIEWING ROOM SIMULATION SPACES

UTILIZATION		PLUMBING	
Hours of Operation		Sinks	
8 hours/day		Standard	
14 hours/day	х	ADA	
24 hours/day		Scullery	
		Other	
OCCUPANY			
No. Of Occupants	50		
MECHANICAL		ELECTRICAL	
Temperature		Electrical Raceway	
68°-75° ± 2°F		110V, 20A, 1 Phase	
72°F ± 2°F	X	208V, 30A, 1 Phase	
Other		208V, 30A, 3 Phase	
Humidity		480V, 100A, 3 Phase	
50%- 25%± 5%	х	Emergency/ Standby Power	
Uncontrolled		UPS (OFOI)	
Other < 50%		Other	(2
15 ACH (Min)			
10 ACH (Min)		LIGHTING	
6 ACH (Min)		Lighting Level	
100% Make-up Air		80-100 fc at bench/desk	(lab
Recirculated Air		30-60 fc at bench/desk (o	office
Air Pressure Positive		Task Lighting	
Air Pressure Negative		Darkenable or Dimmable	
Air Filtration at Supply or Ex	thaust	Special Lighting	а
Other		Natural Daylight Preferred o	r not
CASEWORK/MILLWORK/	FURNITURE	EQUIPMENT	
Headwall		Exam Table	
Suction/Vacuum	х	Integrated Diagnostic wall sy	yster
Oxygen	х	Patient Bed	
Air	х	Bed Locater	
Other	Nurse's call button	Headwall	
Table w/ seating for 2-4		Computer Terminal	
Wall Cabinets or Shelves	х	Curtain track	
Sofa/ Lounge chair		Curtain	
Lateral File Cabinets		Other	
2 drawer			
3 drawer		ADJACENCY CRITERIA	
Vertical File Cabinets		Primary Adjacency	
2 drawer		Secondary Adjacency	
3 drawer			
Guest Chairs		PERFORMANCE REQUIRE	ME
Conference Table		NC Acoustical Criteria	
Markerboard	x	Acoustical Panels	
Tackboard		Privacy Criteria	
		Other Criteria	

	AV	
	Distance Learning	Х
	Video Conferencing	
х	Projection Surface	Х
	Flat screen Monitors	x
	Power at Table	Х
	Data at Table	
	Lectern or Other	Х
	Ceiling Speakers	
	Coming Opeanoite	
	ARCHITECTURAL	
	Walls/Partitions	
x	GWB, Paint	x
	GWB, Epoxy Paint	
	Other	-
	Wall Protection	
	Corner Guards	v
	Crash Rails	X
(2) <u>404</u> <u>4000</u> eineuite		
(2) 40A, 120C circuits	Other	
	Flooring	
	VCT/ Vinyl free tile	
	Sheet Vinyl	
labs)	Concrete	
ffice: x	Resinous/ Epoxy	
	Carpet	
Х	Other	Rubber
at headwall, Exam Light	Base	
not Yes	4" Rubber	х
	Integral w/floor	
	Ceiling	
	Open	
stem	Acoustic Tile	х
X	Gyp. Board	
x	Height	>10'-0"
x	Window	
x	One way glass	
X	Doors	
X	Size	54"
X	Туре	
^	Operable Wall	
	Vision Panel	
	Special Hardware or	Seals
	Special Flatuwale Of	06013
MENTS	SECURITY	
30-35	Locks	
00-00	Card Access	x
	Jaiu Aucos	^

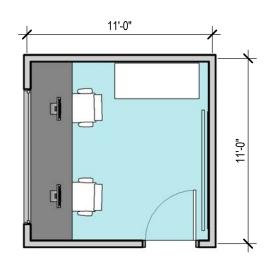
C2-5 RESTROOM SIMULATION SPACES

UTILIZATION	PLUMBING	AV
Hours of Operation	Sinks	Distance Learning
8 hours/day	Standard x	Video Conferencing
14 hours/day x	ADA	Projection Surface
24 hours/day	Scullery	Flat screen Monitors
	Other	Power at Table
		Data at Table
OCCUPANY		Lectern or Other
No. Of Occupants		Ceiling Speakers
NEOLIANICAL		
MECHANICAL		ARCHITECTURAL
Temperature	Electrical Raceway	Walls/Partitions
68°-75° ± 2°F	110V, 20A, 1 Phase x	GWB, Paint x
72°F ± 2°F x	208V, 30A, 1 Phase	GWB, Epoxy Paint
Other	208V, 30A, 3 Phase	Other
Humidity	480V, 100A, 3 Phase	Wall Protection
50%-25%±5% x	Emergency/ Standby Power	Corner Guards
Uncontrolled	UPS (OFOI)	Crash Rails
Other < 50%	Other	Other
15 ACH (Min)		Flooring
10 ACH (Min)	LIGHTING	VCT/ Vinyl free tile
6 ACH (Min)	Lighting Level	Sheet Vinyl
100% Make-up Air	80-100 fc at bench/desk (labs)	Concrete
Recirculated Air x	30-60 fc at bench/desk (offices)	Resinous/ Epoxy
Air Pressure Positive	Task Lighting	Carpet
Air Pressure Negative	Darkenable or Dimmable	Other Porcelain Tiles
Air Filtration at Supply or Exhaust	Special Lighting	Base
Other	Natural Daylight Preferred or not	4" Rubber
		Integral w/floor x
CASEWORK/MILLWORK/ FURNITURE	EQUIPMENT	Ceiling
Headwall	Exam Table	Open
Suction/Vacuum	Integrated Diagnostic wall system	Acoustic Tile x
Oxygen	Patient Bed	Gyp. Board
Air	Bed Locater	Height
Other	Headwall	Window
Table w/ seating for 2-4	Computer Terminal	One way glass x
Wall Cabinets or Shelves	Curtain track	Doors
Sofa/ Lounge chair	Curtain	Size 3'-0"x7'-0"
Lateral File Cabinets	Other	Type Single Flush
2 drawer		Operable Wall
3 drawer	ADJACENCY CRITERIA	Vision Panel
Vertical File Cabinets	Primary Adjacency Exam rooms	Special Hardware or Seals
2 drawer	Secondary Adjacency SP Ante room	
3 drawer	or Ante 10011	
Guest Chairs	PERFORMANCE REQUIREMENTS	SECURITY
Conference Table	NC Acoustical Criteria	Locks
Markerboard	Acoustical Panels	Card Access
Tackboard	Privacy Criteria	
Counter	Other Criteria	

REMARKS:



4	





C2-6 **CONTROL ROOMS** SIMULATION SPACES

UTILIZATION	
Hours of Operation	
8 hours/day	
14 hours/day	
24 hours/day	x

PLUMBING Sinks Standard ADA Scullery Other

ELECTRICAL

UPS (OFOI)

LIGHTING

Lighting Level

Task Lighting

Special Lighting

EQUIPMENT

Exam Table

Patient Bed

Bed Locater

Curtain track

Computer Terminal

ADJACENCY CRITERIA

Primary Adjacency

Secondary Adjacency

Headwall

Curtain

Other

Darkenable or Dimmable

Other

Electrical Raceway

110V, 20A, 1 Phase

208V, 30A, 1 Phase

208V, 30A, 3 Phase

480V, 100A, 3 Phase

Emergency/ Standby Power

80-100 fc at bench/desk (labs)

30-60 fc at bench/desk (office:

Natural Daylight Preferred or not

Integrated Diagnostic wall system

OCCUPANY No. Of Occupants

MECHANICAL Temperature . 68°-75° ± 2°F 72°F ± 2°F Other Humidity 50%- 25%± 5% Uncontrolled Other < 50% 15 ACH (Min)

10 ACH (Min) 6 ACH (Min) 100% Make-up Air Recirculated Air Air Pressure Positive Air Pressure Negative

Air Filtration at Supply or Exhaust Other

CASEWORK/MILLWORK/ FURNITURE Headwall

Suction/Vacuum Oxygen Air Other Table w/ seating for 2-4 Wall Cabinets or Shelves Sofa/ Lounge chair

Lateral File Cabinets 2 drawer 3 drawer Vertical File Cabinets

2 drawer 3 drawer Guest Chairs Conference Table

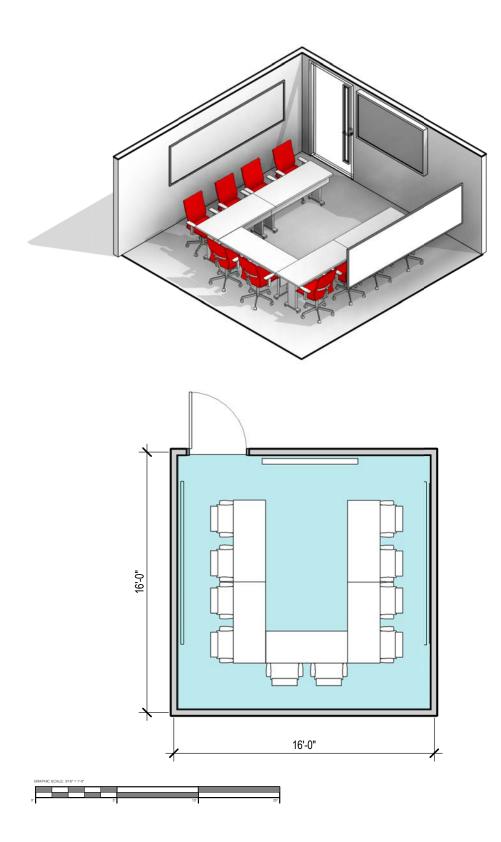
Markerboard Tackboard

PERFORMANCE REQUIREMENTS NC Acoustical Criteria Acoustical Panels Privacy Criteria Other Criteria

REMARKS:

Large viewing window with one way mirror and window shades at sitting height overlooking the simulation room. Dimmable lights. Audio/ microphone connectivity between the control room and the simulation room to allow instructions to be passed on. HDMI/VGA/ 120VAC outlets

	AV	
	Distance Learning	х
	Video Conferencing	
	Projection Surface	
	Flat screen Monitors	х
	Power at Table	x
	Data at Table	
	Lectern or Other	
	Ceiling Speakers	
	Celling Speakers	
	ARCHITECTURAL	
	Walls/Partitions	
at 6 feet o.c. min.	GWB, Paint	X
Х	GWB, Epoxy Paint	
	Other	
	Wall Protection	
	Corner Guards	х
	Crash Rails	х
	Other	
	Flooring	
	VCT/ Vinyl free tile	
	Sheet Vinyl	
bs)	Concrete	
ce: 30-60	Resinous/ Epoxy	
	Carpet	
х	Other	Rubber
~	Base	1100001
ot Not	4" Rubber	х
	Integral w/floor	~
	Ceiling	
	Open	
	Acoustic Tile	
em		х
	Gyp. Board	
	Height	
	Window	
	One way glass	X
	Doors	
	Size	6'-0" - 7'-0"
	Туре	Single Flush
	Operable Wall	
	Vision Panel	No
Simulation Room	Special Hardware or Sea	als
ENTS	SECURITY	
	Locks	
	Card Access	
	Calu ACCESS	X

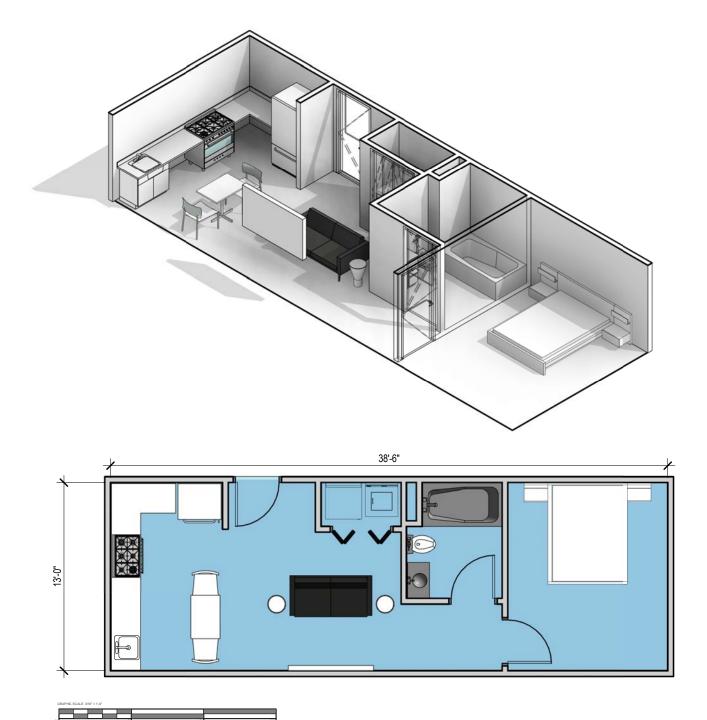


UTILIZATION	PLUMBING	AV
Hours of Operation	Sinks	Distance Learning x
8 hours/day	Standard	Video Conferencing x
14 hours/day	ADA	Projection Surface
24 hours/day	Scullery	Flat screen Monitors x
	Other	Power at Table x
		Data at Table x
OCCUPANY		Lectern or Other x
No. Of Occupants 2-	2	Ceiling Speakers
MECHANICAL	ELECTRICAL	ARCHITECTURAL
Temperature	Electrical Raceway	Walls/Partitions
68°-75° ± 2°F	110V, 20A, 1 Phase x	GWB, Paint x
72°F ± 2°F	208V, 30A, 1 Phase	GWB, Epoxy Paint
Other	208V, 30A, 3 Phase	Other
Humidity	480V, 100A, 3 Phase	Wall Protection
50%-25%±5%		Corner Guards
Uncontrolled	UPS (OFOI)	Crash Rails
Other < 50%	Other	Other
15 ACH (Min)		Flooring
10 ACH (Min)	LIGHTING	VCT/ Vinyl free tile
6 ACH (Min)	Lighting Level	Sheet Vinyl
100% Make-up Air	80-100 fc at bench/desk (labs)	Concrete
Recirculated Air		Resinous/ Epoxy
Air Pressure Positive	Task Lighting	Carpet
Air Pressure Negative	Darkenable or Dimmable x	Other Rubbe
Air Filtration at Supply or Exhaust	Special Lighting	Base
Other	Natural Daylight Preferred or not	4" Rubber x
		Integral w/floor
CASEWORK/MILLWORK/ FURNITU	RE EQUIPMENT	Ceiling
Headwall	Exam Table	Open
Suction/Vacuum	Integrated Diagnostic wall system	Acoustic Tile x
Oxygen	Patient Bed	Gyp. Board
Air	Bed Locater	Height
Other	Headwall	Window
Table w/ seating for 2-4	Computer Terminal X	One way glass
Wall Cabinets or Shelves	Curtain track	Doors
Sofa/ Lounge chair	Curtain	Size
Lateral File Cabinets	Other Cameras	
2 drawer		Operable Wall
3 drawer	ADJACENCY CRITERIA	Vision Panel x
Vertical File Cabinets	Primary Adjacency Simulation Roo	
2 drawer		
	Secondary Adjacency Exam Rooms	5
3 drawer	PERFORMANCE REQUIREMENTS	SECURITY
Guest Chairs		
Conference Table		Locks
Markerboard X		Card Access x
Tackboard	Privacy Criteria	_
	Other Criteria	_
REMARKS:		
	atient Rooms. AV connectivity to each Simulation room - be	

C2-7 DEBRIEFING ROOMS SIMULATION SPACES







C2-8 HOME HEALTH LAB SIMULATION SPACES

UTILIZATION Hours of Operation 8 hours/day 14 hours/day 24 hours/day	X
OCCUPANY	
No. Of Occupants	

MECHANICAL
Temperature
68°-75° ± 2°F
72°F ± 2°F
Other
Humidity
50%- 25%± 5%
Uncontrolled
Other < 50%
15 ACH (Min)
10 ACH (Min)
6 ACH (Min)
100% Make-up Air
Recirculated Air
Air Pressure Positive

Air Filtration at Supply or Exhaust

CASEWORK/MILLWORK/ FURNITURE

Kitchen hood

Air Pressure Negative

Suction/Vacuum

Table w/ seating for 2-4

Sofa/ Lounge chair

Lateral File Cabinets

Vertical File Cabinets

2 drawer

3 drawer

2 drawer

3 drawer Guest Chairs

Conference Table

Base, Wall Cabinets or Shelv

Other

Headwall

Air

Other

Oxygen

208V, 30A, 1 Phase

ELECTRICAL Electrical Raceway

110V, 20A, 1 Phase

PLUMBING Sinks Standard ADA Scullery Other

208V, 30A, 3 Phase 480V, 100A, 3 Phase Emergency/ Standby Power UPS (OFOI) Other

LIGHTING

Lighting Level 80-100 fc at bench/desk (labs) 30-60 fc at bench/desk (offices Task Lighting Darkenable or Dimmable Special Lighting Natural Daylight Preferred or not

EQUIPMENT

Exam Table Integrated Diagnostic wall system Patient Bed Bed Locater Headwall Computer Terminal Curtain track Curtain Other

ADJACENCY CRITERIA

Primary Adjacency Secondary Adjacency

PERFORMANCE REQUIREMENTS

NC Acoustical Criteria Acoustical Panels Privacy Criteria Other Criteria

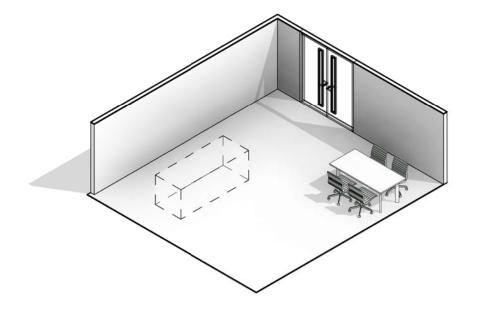
REMARKS:

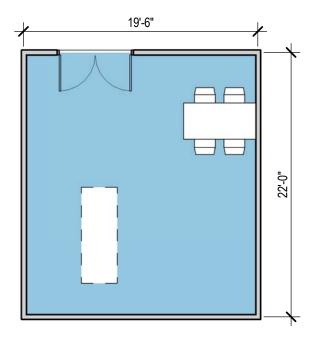
Markerboard

Tackboard

Efficieny apartment/ home with simulated kitchenette with island for prep area, stove , sink, refrigerator, oven and hood. Simulated toilet and bath fixtures. One double door or large door- minimum 42" wide for ease of movement of people and equipment.

	AV	
	Distance Learning	x
	Video Conferencing	x
х	Projection Surface	х
	Flat screen Monitors	x
	Power at Table	x
	Data at Table	
	Lectern or Other	x
	Ceiling Speakers	x
	Coming Opeanore	X
	ARCHITECTURAL	
	Walls/Partitions	
X	GWB, Paint	х
× ×	GWB, Epoxy Paint	X
<u> </u>	Other	
	Wall Protection	
	Corner Guards	Х
	Crash Rails	
	Other	
	Flooring	
	VCT/ Vinyl free tile	
	Sheet Vinyl	
abs)	Concrete	
fice: x	Resinous/ Epoxy	
х	Carpet	х
х	Other	Rubber
	Base	
not Yes	4" Rubber	
	Integral w/floor	x
	Ceiling	X
	Open	
tem	Acoustic Tile	~
		X
	Gyp. Board	
	Height	
	Window	
	One way glass	
	Doors	
	Size	
Ref, stove, microwave	Туре	
	Operable Wall	
	Vision Panel	х
Classrooms	Special Hardware or Sea	als
Simulation Rooms		
IENTS	SECURITY	
30-35	Locks	
	Card Access	х







UTILIZATION		PLUMBING
Hours of Operation		Sinks
8 hours/day		Standard
14 hours/day	х	ADA
24 hours/day		Scullery
		Other
OCCUPANY		
No. Of Occupants		
MECHANICAL		ELECTRICAL
Temperature		Electrical Raceway
68°-75° ± 2°F		110V, 20A, 1 Phase
72°F ± 2°F	х	208V, 30A, 1 Phase
Other		208V, 30A, 3 Phase
Humidity		480V, 100A, 3 Phase
50%- 25%± 5%	x	Emergency/ Standby
Uncontrolled		UPS (OFOI)
Other < 50%		Other
15 ACH (Min)		
10 ACH (Min)		LIGHTING
6 ACH (Min)		Lighting Level
100% Make-up Air		80-100 fc at bench
Recirculated Air		30-60 fc at bench/o
Air Pressure Positive		Task Lighting
Air Pressure Negative		Darkenable or Dimma
Air Filtration at Supply or Exh Other	laust	Special Lighting Natural Daylight Prefe
CASEWORK/MILLWORK/ F	URNITURE	EQUIPMENT
Headwall		Exam Table
Suction/Vacuum		Integrated Diagnostic
Oxygen		Patient Bed
Air		Bed Locater
Other		Headwall
Table w/ seating for 2-4	X	Computer Terminal
Wall Cabinets or Shelves		Curtain track
Sofa/ Lounge chair		Curtain
		Other
Lateral File Cabinets		
2 drawer		
2 drawer 3 drawer		
2 drawer 3 drawer Vertical File Cabinets		Primary Adjacency
2 drawer 3 drawer Vertical File Cabinets 2 drawer		Primary Adjacency
2 drawer 3 drawer Vertical File Cabinets 2 drawer 3 drawer		Primary Adjacency Secondary Adjacency
2 drawer 3 drawer Vertical File Cabinets 2 drawer 3 drawer Guest Chairs		Primary Adjacency Secondary Adjacency PERFORMANCE REG
2 drawer 3 drawer Vertical File Cabinets 2 drawer 3 drawer Guest Chairs Conference Table		Primary Adjacency Secondary Adjacency PERFORMANCE RE NC Acoustical Criteria
2 drawer 3 drawer Vertical File Cabinets 2 drawer 3 drawer Guest Chairs Conference Table Markerboard		Primary Adjacency Secondary Adjacency PERFORMANCE RE NC Acoustical Criteria Acoustical Panels
2 drawer 3 drawer Vertical File Cabinets 2 drawer 3 drawer Guest Chairs Conference Table		Primary Adjacency Secondary Adjacency PERFORMANCE RE NC Acoustical Criteria
2 drawer 3 drawer Vertical File Cabinets 2 drawer 3 drawer Guest Chairs Conference Table Markerboard Tackboard		Primary Adjacency Secondary Adjacency PERFORMANCE REC NC Acoustical Criteria Acoustical Panels Privacy Criteria
2 drawer 3 drawer Vertical File Cabinets 2 drawer 3 drawer Guest Chairs Conference Table Markerboard Tackboard		Secondary Adjacency PERFORMANCE REC NC Acoustical Criteria Acoustical Panels Privacy Criteria

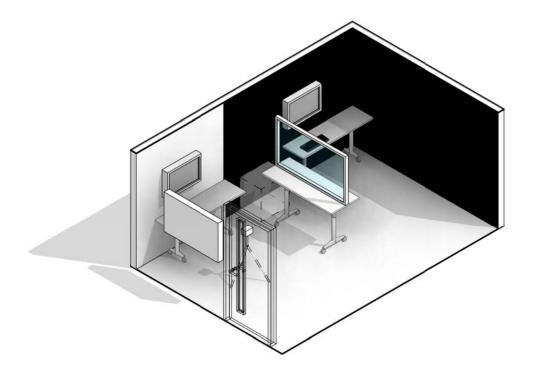
C2-9 AV/VR/IMMERSION LAB SIMULATION SPACES

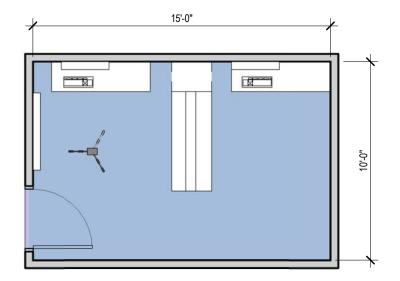
	AV	
	Distance Learning	Х
	Video Conferencing	
	Projection Surface	Х
	Flat screen Monitors	х
	Power at Table	Х
	Data at Table	Х
	Lectern or Other	Х
	Ceiling Speakers	
	ARCHITECTURAL	
	Walls/Partitions	
Х	GWB, Paint	х
	GWB, Epoxy Paint	
	Other	
	Wall Protection	
wer	Corner Guards	х
	Crash Rails	
	Other	
	Flooring	
	VCT/ Vinyl free tile	
	Sheet Vinyl	
esk (labs)	Concrete	
sk (office: x	Resinous/ Epoxy	
	Carpet	
X	Other	Rubber
X	Base	Rubber
d or not No	4" Rubber	х
	Integral w/floor	~
	Ceiling	
	Open	
ll system	Acoustic Tile	х
ll system	Gyp. Board	^
	Height	>10'-0"
	Window	- 10-0
	One way glass	
	Doors	
	Size	54"
	Туре	J 4
	Operable Wall	
	Vision Panel	
	Special Hardware or	Seals
	Opecial Haluwale Of	00013
IREMENTS	SECURITY	
30-35	Locks	
30-35		
	Card Access	Х

space for existing Anatomage table.











C2-10 LIGHT BOARD ROOM SIMULATION SUPPORT SPACES

UTILIZATION		PLUMBING
Hours of Operation		Sinks
8 hours/day	Х	Standard
14 hours/day		ADA
24 hours/day		Scullery
		Other
OCCUPANY		
No. Of Occupants		

MECHANICAL Temperature 68°-75° ± 2°F 72°F ± 2°F Other

Humidity 50%- 25%± 5% Uncontrolled Other < 50% 15 ACH (Min) 10 ACH (Min) 6 ACH (Min) 100% Make-up Air Recirculated Air Air Pressure Positive

Air Pressure Negative Air Filtration at Supply or Exhaust Other

CASEWORK/MILLWORK/ FURNITURE Headwall Suction/Vacuum

Oxygen Air Other Table w/ seating for 2-4 Wall Cabinets or Shelves Sofa/ Lounge chair Lateral File Cabinets

2 drawer 3 drawer Vertical File Cabinets 2 drawer 3 drawer Guest Chairs Conference Table

Conference Table Markerboard Tackboard

Integrated Diagnostic wall syste Patient Bed Bed Locater Headwall Computer Terminal Curtain track Curtain Other

ELECTRICAL Electrical Raceway

UPS (OFOI)

LIGHTING

Lighting Level

Task Lighting

Special Lighting

EQUIPMENT

Exam Table

Darkenable or Dimmable

Other

110V, 20A, 1 Phase

208V, 30A, 1 Phase

208V, 30A, 3 Phase

480V, 100A, 3 Phase

Emergency/ Standby Power

80-100 fc at bench/desk (labs)

30-60 fc at bench/desk (offices

Natural Daylight Preferred or not

ADJACENCY CRITERIA

Primary Adjacency Secondary Adjacency

PERFORMANCE REQUIREMENTS

30-35

NC Acoustical Criteria Acoustical Panels Privacy Criteria Other Criteria

REMARKS:

Light board distance learning equipment

AV	
Distance Learning	
Video Conferencing	х
Projection Surface	
Flat screen Monitors	х
Power at Table	х
Data at Table	х
Lectern or Other	
Ceiling Speakers	
ARCHITECTURAL	
Walls/Partitions	
GWB, Paint	х
GWB, Epoxy Paint	
Other	
Wall Protection	
Corner Guards	
Crash Rails	
Other	
Flooring	
•	
VCT/ Vinyl free tile	
Sheet Vinyl	
Concrete	
Resinous/ Epoxy	
Carpet	X
Other	
Base	
4" Rubber	х
Integral w/floor	
Ceiling	
Open	
Acoustic Tile	х
Gyp. Board	
Height	
Window	
One way glass	
Doors	
Size	
Туре	
Operable Wall	
Vision Panel	
	X
Special Hardware or Se	
SECURITY	
Locks Card Access	х

C2-11 MEDICAL SUPPLIES ROOM SIMULATION SUPPORT SPACES

UTILIZATION	PLUMBING	AV	UTILIZATION	PLUMBING
Hours of Operation	Sinks	Distance Learning	Hours of Operation	Sinks
8 hours/day	Standard	Video Conferencing	8 hours/day	Standard
14 hours/day	ADA X	Projection Surface	14 hours/day	ADA
24 hours/day x	Scullery	Flat screen Monitors	24 hours/day x	Scullery
	Other	Power at Table		Other
		Data at Table		
OCCUPANY		Lectern or Other	OCCUPANY	
No. Of Occupants		Ceiling Speakers	No. Of Occupants	•
MECHANICAL	ELECTRICAL	ARCHITECTURAL	MECHANICAL	ELECTRICAL
Temperature	Electrical Raceway	Walls/Partitions	Temperature	Electrical Raceway
68°-75° ± 2°F	110V, 20A, 1 Phase x	GWB, Paint x	68°-75° ± 2°F	110V, 20A, 1 Phase
72°F ± 2°F x	208V, 30A, 1 Phase	GWB, Epoxy Paint	72°F ± 2°F x	208V, 30A, 1 Phase
Other	208V, 30A, 3 Phase	Other	Other	208V, 30A, 3 Phase
Humidity	480V, 100A, 3 Phase	Wall Protection	Humidity	480V, 100A, 3 Phase
50%- 25%± 5% x	Emergency/ Standby Power	Corner Guards	50%-25%±5% x	Emergency/ Standby Power
Uncontrolled	UPS (OFOI)	Crash Rails	Uncontrolled	UPS (OFOI)
Other < 50%	Other	Other	Other < 50%	Other
15 ACH (Min)		Flooring	15 ACH (Min)	-
10 ACH (Min)	LIGHTING	VCT/ Vinyl free tile x	10 ACH (Min)	LIGHTING
6 ACH (Min)	Lighting Level	Sheet Vinyl	6 ACH (Min)	Lighting Level
100% Make-up Air	80-100 fc at bench/desk (labs)	Concrete	100% Make-up Air	80-100 fc at bench/desk (lab
Recirculated Air	30-60 fc at bench/desk (offices x	Concrete Resinous/ Epoxy	Recirculated Air	30-60 fc at bench/desk (offic
Air Pressure Positive	Task Lighting	Carpet	Air Pressure Positive	Task Lighting
Air Pressure Negative	Darkenable or Dimmable	Other	Air Pressure Negative	Darkenable or Dimmable
Air Filtration at Supply or Exhaust	Special Lighting	Base	Air Filtration at Supply or Exhaust	Special Lighting
Other	Natural Daylight Preferred or not	4" Rubber x	Other	Natural Daylight Preferred or no
		Integral w/floor		, ,
CASEWORK/MILLWORK/ FURNITURE	EQUIPMENT	Ceiling	CASEWORK/MILLWORK/ FURNITURE	EQUIPMENT
Headwall	Exam Table	Open	Headwall	Exam Table
Suction/Vacuum	Integrated Diagnostic wall system	Acoustic Tile x	Suction/Vacuum	Integrated Diagnostic wall syste
Oxygen	Patient Bed	Gyp. Board	Oxygen	Patient Bed
Air	Bed Locater	Height	Air	Bed Locater
Other	Headwall	Window	Other	Headwall
Table w/ seating for 2-4	Computer Terminal	One way glass	Table w/ seating for 2-4	Computer Terminal
Wall Cabinets or Shelves x	Computer Terminal Curtain track	Doors	Wall Cabinets or Shelves x	Curtain track
Sofa/ Lounge chair	Curtain	Size	Sofa/ Lounge chair	Curtain
Lateral File Cabinets	Other	Туре	Lateral File Cabinets	Other
2 drawer		Operable Wall	2 drawer	
3 drawer	ADJACENCY CRITERIA	Vision Panel	3 drawer	ADJACENCY CRITERIA
Vertical File Cabinets	Primary Adjacency Simulation Rooms	Special Hardware or Seals	Vertical File Cabinets	Primary Adjacency
2 drawer	Secondary Adjacency Nurses Station		2 drawer	Secondary Adjacency
3 drawer	<u> </u>		3 drawer	
Guest Chairs	PERFORMANCE REQUIREMENTS	SECURITY	Guest Chairs	PERFORMANCE REQUIREME
Conference Table	NC Acoustical Criteria	Locks	Conference Table	NC Acoustical Criteria
Markerboard x	Acoustical Panels	Card Access x	Markerboard	Acoustical Panels
Tackboard	Privacy Criteria		Tackboard	Privacy Criteria
	Other Criteria			Other Criteria
REMARKS:			REMARKS:	

Room to simulate medicine storage and dispensing.

C2-12 SIMULATION STORAGE SIMULATION SUPPORT SPACES

	AV	
	Distance Learning	
	Video Conferencing	
	Projection Surface	
	Flat screen Monitors	
	Power at Table	
	Data at Table	
	Lectern or Other	
	Ceiling Speakers	
	ARCHITECTURAL	
	Walls/Partitions	
x	GWB, Paint	х
x	GWB, Epoxy Paint	
	Other	
	Wall Protection	
	Corner Guards	х
	Crash Rails	X
	Other	
	Flooring	
	VCT/ Vinyl free tile	
	Sheet Vinyl	X
ha)	•	
bs)	Concrete	
ce: X	Resinous/ Epoxy	
	Carpet	
	Other	
	Base	
ot	4" Rubber	X
	Integral w/floor	
	Ceiling	
	Open	
em	Acoustic Tile	
	Gyp. Board	
	Height	
	Window	
	One way glass	
	Doors	
	Size	Double doors
	Туре	
	Operable Wall	
	Vision Panel	No
Simulation Rooms	Special Hardware or Se	als
ENTS	SECURITY	
	Locks	
	Card Access	х



C2-13 LAUNDRY/LINEN SIMULATION SUPPORT SPACES

UTILIZATION	PLUMBING	AV	UTILIZATION	PLUMBING
Hours of Operation	Sinks	Distance Learning	Hours of Operation	Sinks
8 hours/day x	Standard	Video Conferencing	8 hours/day	Standard
14 hours/day	ADA	Projection Surface	14 hours/day	ADA
24 hours/day	Scullery x	Flat screen Monitors	24 hours/day x	Scullery
	Other	Power at Table		Other
		Data at Table		
OCCUPANY		Lectern or Other	OCCUPANY	
No. Of Occupants	-	Ceiling Speakers	No. Of Occupants	
MEQUANICAL	ELECTRICAL		MEQUANICAL	ELECTRICAL
MECHANICAL		ARCHITECTURAL	MECHANICAL	
Temperature	Electrical Raceway	Walls/Partitions	Temperature	Electrical Raceway
68°-75° ± 2°F	110V, 20A, 1 Phase x	GWB, Paint x	68°-75° ± 2°F x	110V, 20A, 1 Phase
72°F ± 2°F x	208V, 30A, 1 Phase x	GWB, Epoxy Paint	72°F ± 2°F	208V, 30A, 1 Phase
Other	208V, 30A, 3 Phase x	Other	Other	208V, 30A, 3 Phase
Humidity	480V, 100A, 3 Phase	Wall Protection	Humidity	480V, 100A, 3 Phase
50%-25%±5% x	Emergency/ Standby Power	Corner Guards	50%- 25%± 5% x	Emergency/ Standby Power
Uncontrolled	UPS (OFOI)	Crash Rails	Uncontrolled	UPS (OFOI)
Other < 50%	Other	Other	Other < 50%	Other
15 ACH (Min)	-	Flooring	15 ACH (Min)	
10 ACH (Min)	LIGHTING	VCT/ Vinyl free tile	10 ACH (Min)	LIGHTING
6 ACH (Min)	Lighting Level	Sheet Vinyl	6 ACH (Min)	Lighting Level
100% Make-up Air	80-100 fc at bench/desk (labs)	Concrete x	100% Make-up Air	80-100 fc at bench/desk (labs)
Recirculated Air x	30-60 fc at bench/desk (office 30-60	Resinous/ Epoxy	Recirculated Air x	30-60 fc at bench/desk (offices)
Air Pressure Positive	Task Lighting	Carpet	Air Pressure Positive	Task Lighting
Air Pressure Negative	Darkenable or Dimmable	Other	Air Pressure Negative	Darkenable or Dimmable
Air Filtration at Supply or Exhaust	Special Lighting	Base	Air Filtration at Supply or Exhaust	Special Lighting
Other	Natural Daylight Preferred or not Not required	4" Rubber x	Other	Natural Daylight Preferred or not
		Integral w/floor		
CASEWORK/MILLWORK/ FURNITURE	EQUIPMENT	Ceiling	CASEWORK/MILLWORK/ FURNITURE	EQUIPMENT
Headwall	Exam Table	Open	Headwall	Exam Table
Suction/Vacuum	Integrated Diagnostic wall system	Acoustic Tile x	Suction/Vacuum	Integrated Diagnostic wall system
Oxygen	Patient Bed	Gyp. Board	Oxygen	Patient Bed
Air	Bed Locater	Height	Air	Bed Locater
Other	Headwall	Window	Other	Headwall
Table w/ seating for 2-4	Computer Terminal	One way glass	Table w/ seating for 2-4	Computer Terminal
Wall Cabinets or Shelves	Curtain track	Doors	Wall Cabinets or Shelves	Curtain track
Sofa/ Lounge chair	Curtain	Size	Sofa/ Lounge chair	Curtain
Lateral File Cabinets	Other Washer, Dryer	Туре	Lateral File Cabinets	Other
2 drawer		Operable Wall	2 drawer	
3 drawer	ADJACENCY CRITERIA	Vision Panel	3 drawer	ADJACENCY CRITERIA
Vertical File Cabinets	Primary Adjacency	Special Hardware or Seals	Vertical File Cabinets	Primary Adjacency
2 drawer	Secondary Adjacency		2 drawer	Secondary Adjacency
3 drawer		—	3 drawer	
Guest Chairs	PERFORMANCE REQUIREMENTS	SECURITY	Guest Chairs	PERFORMANCE REQUIREMENTS
Conference Table	NC Acoustical Criteria	Locks	Conference Table	NC Acoustical Criteria
Markerboard	Acoustical Panels	Card Access X	Markerboard	Acoustical Panels
Tackboard	Privacy Criteria		Tackboard	Privacy Criteria
	Other Criteria	—		Other Criteria
		—		_
REMARKS:			REMARKS:	

C2-14

SIM AV ROOM

SIMULATION SUPPORT SPACES

e

98

AV	
Distance Learning	
Video Conferencing	
Projection Surface	
Flat screen Monitors	
Power at Table	
Data at Table	
Lectern or Other	
Ceiling Speakers	
ARCHITECTURAL	
Walls/Partitions	
GWB, Paint	х
GWB, Epoxy Paint	
Other	
Wall Protection	
Corner Guards	
Crash Rails	
Other	
Flooring	
VCT/ Vinyl free tile	x
Sheet Vinyl	
Concrete	
Resinous/ Epoxy	
Carpet	
Other	
Base	
4" Rubber	х
Integral w/floor	
Ceiling	-
Open	
Acoustic Tile	~
Gyp. Board	X
Height	
Window	
One way glass	
Doors	
Size	3'-0"x7'-0"
	Single Flus
Type Operable Wall	Single Flus
Operable Wall	
Vision Panel	
Special Hardware or Se	2015
SECURITY	
Locks Card Access	
	Х

Not

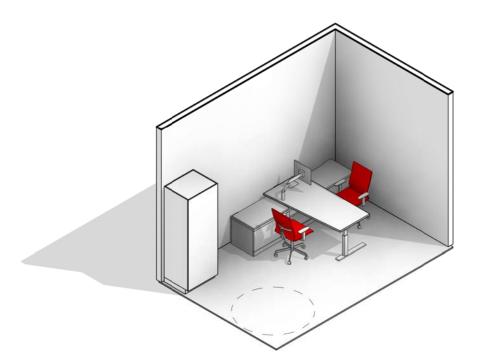
C2-15 SIM MECHANICAL ROOM SIMULATION SUPPORT SPACES

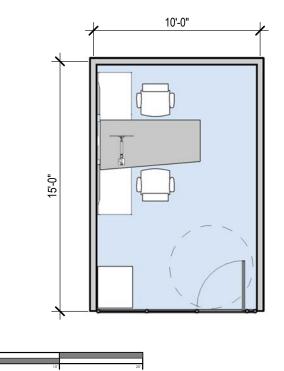
UTILIZATION	PLUMBING	AV
Hours of Operation	Sinks	Distance Learning
8 hours/day	Standard	Video Conferencing
14 hours/day	ADA	Projection Surface
24 hours/day x	Scullery	Flat screen Monitors
	Other	Power at Table
		Data at Table
OCCUPANY		Lectern or Other
No. Of Occupants	1	Ceiling Speakers
MECHANICAL	ELECTRICAL	ARCHITECTURAL
Temperature	Electrical Raceway	Walls/Partitions
68°-75° ± 2°F	110V, 20A, 1 Phase x	GWB, Paint x
72°F ± 2°F x	208V, 30A, 1 Phase x	GWB, Epoxy Paint
Other	208V, 30A, 3 Phase x	Other
Humidity	480V, 100A, 3 Phase	Wall Protection
50%- 25%± 5% x	Emergency/ Standby Power	Corner Guards
Uncontrolled	UPS (OFOI)	Crash Rails
Other < 50%	Other	Other
15 ACH (Min)		Flooring
10 ACH (Min)	LIGHTING	VCT/ Vinyl free tile
6 ACH (Min)	Lighting Level	Sheet Vinyl
100% Make-up Air	80-100 fc at bench/desk (labs)	Concrete x
	30-60 fc at bench/desk (offices)	Resinous/ Epoxy
Air Pressure Positive	Task Lighting	Carpet
Air Pressure Negative	Darkenable or Dimmable	Other
Air Filtration at Supply or Exhaust	Special Lighting	Base
Other	Natural Daylight Preferred or not x	4" Rubber
		Integral w/floor
CASEWORK/MILLWORK/ FURNITURE	EQUIPMENT	Ceiling
Headwall	Exam Table	Open
Suction/Vacuum	Integrated Diagnostic wall system	Acoustic Tile
Oxygen	Patient Bed	Gyp. Board
Air	Bed Locater	Height
Other	Headwall	Window
Table w/ seating for 2-4	Computer Terminal	One way glass
Wall Cabinets or Shelves	Curtain track	Doors
Sofa/ Lounge chair	Curtain	Size <u>3'-0"x7'-0"</u>
Lateral File Cabinets	Other	Type Single Flush
2 drawer		Operable Wall
3 drawer	ADJACENCY CRITERIA	Vision Panel
Vertical File Cabinets	Primary Adjacency	Special Hardware or Seals
2 drawer	Secondary Adjacency	
3 drawer		
Guest Chairs	PERFORMANCE REQUIREMENTS	SECURITY
Conference Table	NC Acoustical Criteria	Locks
Markerboard	Acoustical Panels	Card Access X
Tackboard	Privacy Criteria	
	Other Criteria	_
		_

_....

REMARKS:







C3-1 SON SIMULATION/SP OF	ON LAB DIRECTOR FICES
UTILIZATION	PLUMBING
Hours of Operation	Sinks
8 hours/day	Standard
14 hours/day	x ADA

OCCUPANY No. Of Occupants

24 hours/day

MECHANICAL Temperature . 68°-75° ± 2°F 72°F ± 2°F Other Humidity 50%- 25%± 5% Uncontrolled Other < 50%

10 ACH (Min) 6 ACH (Min) 100% Make-up Air Recirculated Air Air Pressure Positive Air Pressure Negative

Air Filtration at Supply or Exhaust Other

CASEWORK/MILLWORK/ FURNITURE Headwall Suction/Vacuum Oxygen Air Other Table w/ seating for 2-4 Wall Cabinets or Shelves Sofa/ Lounge chair Lateral File Cabinets 2 drawer

2 drawer 3 drawer Guest Chairs

Conference Table Markerboard Tackboard

ADA Scullery Other

ELECTRICAL Electrical Raceway

110V, 20A, 1 Phase

1-2

15 ACH (Min)

3 drawer Vertical File Cabinets

208V, 30A, 1 Phase 208V, 30A, 3 Phase

480V, 100A, 3 Phase Emergency/ Standby Power UPS (OFOI) Other

LIGHTING

Lighting Level 80-100 fc at bench/desk (labs) 30-60 fc at bench/desk (offices) Task Lighting Darkenable or Dimmable Special Lighting Natural Daylight Preferred or not

Yes

EQUIPMENT

Exam Table Integrated Diagnostic wall system Patient Bed Bed Locater Headwall Computer Terminal Curtain track Curtain Other

ADJACENCY CRITERIA

Primary Adjacency Secondary Adjacency

PERFORMANCE REQUIREMENTS

NC Acoustical Criteria Acoustical Panels Privacy Criteria Other Criteria

REMARKS:

AV	
Distance Learning	
Video Conferencing	
Projection Surface	
Flat screen Monitors	
Power at Table	
Data at Table	
Lectern or Other	
Ceiling Speakers	
ARCHITECTURAL	
Walls/Partitions	
GWB, Paint	х
GWB, Epoxy Paint	
Other	
Wall Protection	
Corner Guards	
Crash Rails	
Other	
Flooring	
VCT/ Vinyl free tile	х
Sheet Vinyl	
Concrete	
Resinous/ Epoxy	
Carpet	
Other	
Base	
4" Rubber	
Integral w/floor	
Ceiling	
Open	
Acoustic Tile	X
Gyp. Board	
Height	
Window	
One way glass	
Doors	
Size	3'-0"x7'-0"
Туре	Single Flush
Operable Wall	
Vision Panel	х
Special Hardware or Se	eals
SECURITY	
Locks	
Card Access	х

C3-2 SON SIMULATION LAB COORDINATOR

SIMULATION/SP OFFICES

UTILIZATION	PLUMBING	AV	UTILIZATION	PLUMBING
Hours of Operation	Sinks	Distance Learning	Hours of Operation	Sinks
8 hours/day	Standard	Video Conferencing	8 hours/day	Standard
14 hours/day x	ADA	Projection Surface	14 hours/day x	ADA
24 hours/day	Scullery	Flat screen Monitors	24 hours/day	Scullery
	Other	Power at Table	,	Other
	· · · · · · · · · · · · · · · · · · ·	Data at Table		
OCCUPANY		Lectern or Other	OCCUPANY	
No. Of Occupants 1-2		Ceiling Speakers	No. Of Occupants 5	
MECHANICAL	ELECTRICAL	ARCHITECTURAL	MECHANICAL	ELECTRICAL
Temperature	Electrical Raceway	Walls/Partitions	Temperature	Electrical Raceway
68°-75° ± 2°F	110V, 20A, 1 Phase x	GWB, Paint x	68°-75° ± 2°F	110V, 20A, 1 Phase
72°F ± 2°F x	208V, 30A, 1 Phase	GWB, Epoxy Paint	72°F ± 2°F x	208V, 30A, 1 Phase
Other	208V, 30A, 3 Phase	Other	Other	208V, 30A, 3 Phase
Humidity	480V, 100A, 3 Phase	Wall Protection	Humidity	480V, 100A, 3 Phase
50%- 25%± 5% x		Corner Guards	50%-25%±5% x	Emergency/ Standby Power
Uncontrolled	UPS (OFOI)	Crash Rails	Uncontrolled	UPS (OFOI)
Other < 50%	Other	Other	Other < 50%	Other
15 ACH (Min)		Flooring	15 ACH (Min)	
10 ACH (Min)	LIGHTING	VCT/ Vinyl free tile x	10 ACH (Min)	LIGHTING
6 ACH (Min)	Lighting Level	Sheet Vinyl	6 ACH (Min)	Lighting Level
100% Make-up Air	80-100 fc at bench/desk (labs)	Concrete	100% Make-up Air	80-100 fc at bench/desk
Recirculated Air x		Resinous/ Epoxy	Recirculated Air x	30-60 fc at bench/desk (
Air Pressure Positive	Task Lighting	Carpet	Air Pressure Positive	Task Lighting
Air Pressure Negative	Darkenable or Dimmable	Other	Air Pressure Negative	Darkenable or Dimmable
Air Filtration at Supply or Exhaust	Special Lighting	Base	Air Filtration at Supply or Exhaust	Special Lighting
Other	Natural Daylight Preferred or not x	4" Rubber	Other	Natural Daylight Preferred o
		Integral w/floor		
CASEWORK/MILLWORK/ FURNITURE		Ceiling	CASEWORK/MILLWORK/ FURNITURE	EQUIPMENT
Headwall	Exam Table	Open	Headwall	Exam Table
Suction/Vacuum	Integrated Diagnostic wall system	Acoustic Tile x	Suction/Vacuum	Integrated Diagnostic wall s
Oxygen	Patient Bed	Gyp. Board	Oxygen	Patient Bed
Air	Bed Locater	Height	Air	Bed Locater
Other	Headwall	Window	Other	Headwall
Table w/ seating for 2-4	Computer Terminal	One way glass	Table w/ seating for 2-4	Computer Terminal
Wall Cabinets or Shelves x	Curtain track	Doors	Wall Cabinets or Shelves x	Curtain track
Sofa/ Lounge chair	Curtain	Size 3'-0"x7'-0"	Sofa/ Lounge chair	Curtain
Lateral File Cabinets	Other	Type Single Flush	Lateral File Cabinets	Other
2 drawer		Operable Wall	2 drawer	
3 drawer x	ADJACENCY CRITERIA	Vision Panel x	3 drawer x	ADJACENCY CRITERIA
Vertical File Cabinets	Primary Adjacency	Special Hardware or Seals	Vertical File Cabinets	Primary Adjacency
2 drawer	Secondary Adjacency		2 drawer	Secondary Adjacency
3 drawer			3 drawer	
Guest Chairs	PERFORMANCE REQUIREMENTS	SECURITY	Guest Chairs	PERFORMANCE REQUIRE
Conference Table	NC Acoustical Criteria	Locks	Conference Table	NC Acoustical Criteria
Markerboard	Acoustical Panels	Card Access X	Markerboard	Acoustical Panels
Tackboard	Privacy Criteria		Tackboard	Privacy Criteria
	Other Criteria			Other Criteria
REMARKS:			REMARKS:	

C3-3 SIMULATION LAB TA'S SIMULATION/SP OFFICES

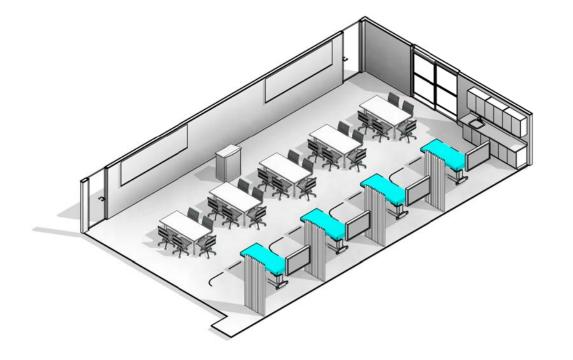
	AV	
	Distance Learning	
	Video Conferencing	
	Projection Surface	
	Flat screen Monitors	
	Power at Table	
	Data at Table	
	Lectern or Other	
	Ceiling Speakers	
	comig opeanere	
	ARCHITECTURAL	
	Walls/Partitions	
x	GWB, Paint	x
X	GWB, Epoxy Paint	Χ
	Other	
	Wall Protection	
er	Corner Guards	
	Crash Rails	
	Other	
·	Flooring	
	VCT/ Vinyl free tile	×
		X
. (1 - 1)	Sheet Vinyl	
(labs)	Concrete	
(offices)	Resinous/ Epoxy	
	Carpet	
	Other	
·	Base	
or not <u>x</u>	4" Rubber	
	Integral w/floor	
	Ceiling	
	Open	
system	Acoustic Tile	Х
	Gyp. Board	
	Height	
	Window	
	One way glass	
	Doors	
	Size	3'-0"x7'-0"
	Туре	Single Flush
	Operable Wall	
	Vision Panel	Х
	Special Hardware or Sea	als
EMENTS	SECURITY	
·	Locks	<u> </u>
	Card Access	X

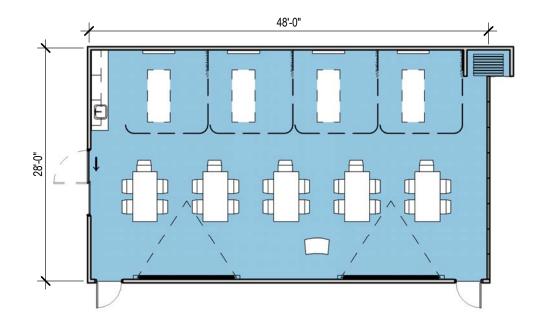


C3-4 SIMULATION LAB TECHNICIANS SIMULATION/SP OFFICES

UTILIZATION	PLUMBING	AV
Hours of Operation	Sinks	Distance Learning
8 hours/day	Standard	Video Conferencing
14 hours/day x	ADA	Projection Surface
24 hours/day	Scullery	Flat screen Monitors
-	Other	Power at Table
		Data at Table
OCCUPANY		Lectern or Other
No. Of Occupants 2		Ceiling Speakers
NEOLANION		
MECHANICAL	ELECTRICAL	ARCHITECTURAL
Temperature	Electrical Raceway	Walls/Partitions
68°-75° ± 2°F	110V, 20A, 1 Phase x	GWB, Paint x
72°F ± 2°F x	208V, 30A, 1 Phase	GWB, Epoxy Paint
Other	208V, 30A, 3 Phase	Other
Humidity	480V, 100A, 3 Phase	Wall Protection
50%-25%±5% x	Emergency/ Standby Power	Corner Guards
Uncontrolled	UPS (OFOI)	Crash Rails
Other < 50%	Other	Other
15 ACH (Min)		Flooring
10 ACH (Min)	LIGHTING	VCT/ Vinyl free tile x
6 ACH (Min)	Lighting Level	Sheet Vinyl
100% Make-up Air	80-100 fc at bench/desk (labs)	Concrete
Recirculated Air x	30-60 fc at bench/desk (offices)	Resinous/ Epoxy
Air Pressure Positive	Task Lighting	Carpet
Air Pressure Negative	Darkenable or Dimmable	Other
Air Filtration at Supply or Exhaust	Special Lighting	Base
Other	Natural Daylight Preferred or not x	4" Rubber
		Integral w/floor
CASEWORK/MILLWORK/ FURNITURE	EQUIPMENT	Ceiling
Headwall	Exam Table	Open
Suction/Vacuum	Integrated Diagnostic wall system	Acoustic Tile x
Oxygen	Patient Bed	Gyp. Board
Air	Bed Locater	Height
Other	Headwall	Window
Table w/ seating for 2-4	Computer Terminal	One way glass
Wall Cabinets or Shelves x	Curtain track	Doors
Sofa/ Lounge chair	Curtain	Size
Lateral File Cabinets	Other	Туре
2 drawer		Operable Wall
3 drawer x	ADJACENCY CRITERIA	Vision Panel x
Vertical File Cabinets	Primary Adjacency	Special Hardware or Seals
2 drawer	Secondary Adjacency	-
3 drawer		
Guest Chairs	PERFORMANCE REQUIREMENTS	SECURITY
Conference Table	NC Acoustical Criteria	Locks
Markerboard	Acoustical Panels	Card Access X
Tackboard	Privacy Criteria	-
	Other Criteria	-
REMARKS		









UTILIZATION		PLUMBING		
Hours of Operation		Sinks		
8 hours/day		Standard	_	
14 hours/day	Х	ADA		
24 hours/day		Scullery		
		Other Utility sink for	or washir	
OCCUPANY				
No. Of Occupants				
MECHANICAL		ELECTRICAL		
Temperature		Electrical Raceway		
68°-75° ± 2°F		110V, 20A, 1 Phase	Out	
72°F ± 2°F	х	208V, 30A, 1 Phase	_	
Other		208V, 30A, 3 Phase	_	
Humidity		480V, 100A, 3 Phase		
50%- 25%± 5%	х	Emergency/ Standby Powe	r 🗌	
Uncontrolled		UPS (OFOI)		
Other < 50%		Other		
15 ACH (Min)				
10 ACH (Min)		LIGHTING		
6 ACH (Min)		Lighting Level		
100% Make-up Air		80-100 fc at bench/desk (labs)		
Recirculated Air	х	30-60 fc at bench/desk (offices)		
Air Pressure Positive		Task Lighting		
Air Pressure Negative		Darkenable or Dimmable		
Air Filtration at Supply or Exhaust		Special Lighting		
Other		Natural Daylight Preferred	or not	
CASEWORK/MILLWORK/ F	URNITURE	EQUIPMENT		
Headwall		Exam Table		
Suction/Vacuum	х	Integrated Diagnostic wall s	system	
Oxygen		Patient Bed	_	
Air	х	Bed Locater		
Other		Headwall		
Table w/ seating for 2-4	х	Computer Terminal		
Wall Cabinets or Shelves	х	Curtain track		
Sofa/ Lounge chair		Curtain		
Lateral File Cabinets		Other		
2 drawer				
3 drawer		ADJACENCY CRITERIA		
Vertical File Cabinets		Primary Adjacency		
2 drawer		Secondary Adjacency		
3 drawer				
Guest Chairs	х	PERFORMANCE REQUIR	EMENT	
Conference Table		NC Acoustical Criteria		
Markerboard	x	Acoustical Panels		
Tackboard		Privacy Criteria		
		Other Criteria		
			_	
REMARKS:				
REMARKS:				

C4-1 TASK TRAINING LAB TASK TRAINING SPACES

	AV	
	Distance Learning	Х
	Video Conferencing	
х	Projection Surface	
	Flat screen Monitors	х
washing equipment	Power at Table	х
	Data at Table	
	Lectern or Other	x
	Ceiling Speakers	x
	Celling Opeakers	
	ARCHITECTURAL	
	Walls/Partitions	
Outlate even () feet		
Outlets every 6 feet	GWB, Paint	X
	GWB, Epoxy Paint	
	Other	
	Wall Protection	
	Corner Guards	Х
	Crash Rails	
	Other	
	Flooring	
	VCT/ Vinyl free tile	
	Sheet Vinyl	
abs)	Concrete	
fices)	Resinous/ Epoxy	
lices)		
	Carpet	
X	Other	Rubber
	Base	
not x	4" Rubber	Х
	Integral w/floor	
	Ceiling	
	Open	
tem	Acoustic Tile	х
x	Gyp. Board	
x	Height	
X	Window	
X	One way glass	
<u> </u>	Doors	
<u> </u>	Size	
Cameras	Туре	Sliding-ICU type
	Operable Wall	
	Vision Panel	X
	Special Hardware or Sea	als
MENTS	SECURITY	
	Locks	
	Card Access	Х

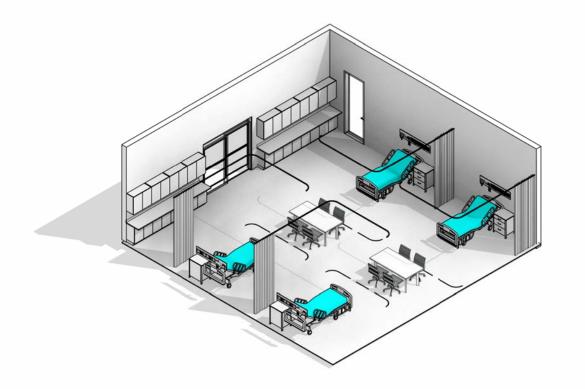


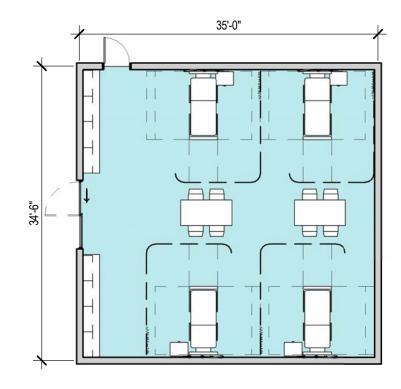
C4-2 TASK TRAINING STORAGE TASK TRAINING SPACES

UTILIZATION	PLUMBING	AV
Hours of Operation	Sinks	Distance Learning
8 hours/day	Standard	Video Conferencing
14 hours/day	ADA	Projection Surface
24 hours/day x	Scullery	Flat screen Monitors
-	Other	Power at Table
		Data at Table
OCCUPANY		Lectern or Other
No. Of Occupants		Ceiling Speakers
MECHANICAL	ELECTRICAL	ARCHITECTURAL
emperature	Electrical Raceway	Walls/Partitions
68°-75° ± 2°F	110V, 20A, 1 Phase x	GWB. Paint x
72°F ± 2°F x	208V, 30A, 1 Phase	GWB, Epoxy Paint
Other	208V, 30A, 3 Phase	Other
Humidity	480V, 100A, 3 Phase	Wall Protection
50%- 25%± 5% x	Emergency/ Standby Power	Corner Guards x
	UPS (OFOI)	Crash Rails x
Other < 50%	Other	Other
15 ACH (Min)		Flooring
10 ACH (Min)	LIGHTING	
ACH (Min)	Lighting Level	VCT/ Vinyl free tile <u>x</u> Sheet Vinyl
	80-100 fc at bench/desk (labs)	Concrete
00% Make-up Air	30-60 fc at bench/desk (offices)	
Recirculated Air xX	· · · · · · · · · · · · · · · · · · ·	Resinous/ Epoxy
Air Pressure Positive	Task Lighting Darkenable or Dimmable	Carpet Other
Air Filtration at Supply or Exhaust	Special Lighting	Base
Other	Natural Daylight Preferred or not Not	4" Rubber x
CASEWORK/MILLWORK/ FURNITURE	EQUIPMENT	Integral w/floor
	EQUIPMENT Exam Table	Ceiling Open
Suction/Vacuum		
	Integrated Diagnostic wall system	
Oxygen	Patient Bed	Gyp. Board
Air	Bed Locater	Height
Other	Headwall	Window
Table w/ seating for 2-4	Computer Terminal	One way glass
Vall Cabinets or Shelves x	Curtain track	Doors
Sofa/ Lounge chair	Curtain	Size Double Doors
ateral File Cabinets	Other Shelves	Туре
2 drawer		Operable Wall
3 drawer	ADJACENCY CRITERIA	Vision Panel
/ertical File Cabinets	Primary Adjacency Task training lab	Special Hardware or Seals
2 drawer	Secondary Adjacency Primary Care Lab	
3 drawer		
Guest Chairs	PERFORMANCE REQUIREMENTS	SECURITY
Conference Table	NC Acoustical Criteria	Locks
Markerboard	Acoustical Panels	Card Access x
Tackboard	Privacy Criteria	
	Other Criteria	

Shared CPR, respiratory models and other models







UTILIZATION		PLUMBING	
Hours of Operation		Sinks	
8 hours/day		Standard	
14 hours/day	х	ADA	
24 hours/day		Scullery	
		Other	Utility sink for w
OCCUPANY			
No. Of Occupants			
No. Of Occupants			
MECHANICAL		ELECTRICAL	_
Temperature		Electrical Rad	ceway
68°-75° ± 2°F		110V, 20A, 1	Phase
72°F ± 2°F	х	208V, 30A, 1	Phase
Other		208V, 30A, 3	Phase
Humidity		480V, 100A, 3	3 Phase
50%- 25%± 5%	х	Emergency/ S	Standby Power
Uncontrolled		UPS (OFOI)	
Other < 50%		Other	
15 ACH (Min)			
10 ACH (Min)		LIGHTING	
6 ACH (Min)		Lighting Leve	I
100% Make-up Air		80-100 fc	at bench/desk (lal
Recirculated Air	Х	30-60 fc a	t bench/desk (offi
Air Pressure Positive		Task Lighting	
Air Pressure Negative		Darkenable o	r Dimmable
Air Filtration at Supply or Exh	aust	Special Lighti	ng
Other		Natural Dayli	ght Preferred or n
CASEWORK/MILLWORK/ F		EQUIPMENT	
Headwall	UKNITUKE	Exam Table	
Suction/Vacuum	×		agnostic wall syste
Oxygen	<u> </u>	Patient Bed	agriostic wall syste
Air	X	Bed Locater	
Other		Headwall	
Table w/ seating for 2-4	x	Computer Te	rminal
Wall Cabinets or Shelves	X	Curtain track	IIIIIdi
Sofa/ Lounge chair	Χ	Curtain	
Lateral File Cabinets		Other	
2 drawer		Other	
3 drawer		ADJACENCY	
Vertical File Cabinets		-	
2 drawer		Primary Adjac	
		Secondary A	ujacency
3 drawer		DEDEODMAN	
Guest Chairs	Х		
Conference Table		NC Acoustica	
Markerboard	X	Acoustical Pa	
Tackboard		Privacy Criter	
		Other Criteria	

REMARKS:

(8) stations with curtain dividers. Provide sinks with hot and cold water. Inclue exam lights, ceiling mounted IV track

C4-3 ACUTE CARE LAB/ADVANCED PRACTICE SKILLS LAB TASK TRAINING SPACES

AV	
Distance Learning	х
Video Conferencing	
Projection Surface	
Flat screen Monitors	х
Power at Table	x
Data at Table	
	x
	x
coming oppositore	
ARCHITECTURAL	
Walls/Partitions	
	x
,	
	x
•	
•	
Other	Rubber
Other Base	
Other Base 4" Rubber	Rubber x
Other Base 4" Rubber Integral w/floor	
Other Base 4" Rubber Integral w/floor Ceiling	
Other Base 4" Rubber Integral w/floor Ceiling Open	
Other Base 4" Rubber Integral w/floor Ceiling Open Acoustic Tile	
Other Base 4" Rubber Integral w/floor Ceiling Open Acoustic Tile Gyp. Board	x
Other Base 4" Rubber Integral w/floor Ceiling Open Acoustic Tile Gyp. Board Height	X
Other Base 4" Rubber Integral w/floor Ceiling Open Acoustic Tile Gyp. Board	x
Other Base 4" Rubber Integral w/floor Ceiling Open Acoustic Tile Gyp. Board Height Window One way glass	x
Other Base 4" Rubber Integral w/floor Ceiling Open Acoustic Tile Gyp. Board Height Window One way glass Doors	x
Other Base 4" Rubber Integral w/floor Ceiling Open Acoustic Tile Gyp. Board Height Window One way glass Doors Size	x
Other Base 4" Rubber Integral w/floor Ceiling Open Acoustic Tile Gyp. Board Height Window One way glass Doors	x
Other Base 4" Rubber Integral w/floor Ceiling Open Acoustic Tile Gyp. Board Height Window One way glass Doors Size Type Operable Wall	9'
Other Base 4" Rubber Integral w/floor Ceiling Open Acoustic Tile Gyp. Board Height Window One way glass Doors Size Type Operable Wall Vision Panel	X X 9' Sliding-ICU type X
Other Base 4" Rubber Integral w/floor Ceiling Open Acoustic Tile Gyp. Board Height Window One way glass Doors Size Type Operable Wall	X X 9' Sliding-ICU type X
Other Base 4" Rubber Integral w/floor Ceiling Open Acoustic Tile Gyp. Board Height Window One way glass Doors Size Type Operable Wall Vision Panel	X X 9' Sliding-ICU type X
Other Base 4" Rubber Integral w/floor Ceiling Open Acoustic Tile Gyp. Board Height Window One way glass Doors Size Type Operable Wall Vision Panel Special Hardware or Sea	X X 9' Sliding-ICU type X
Other Base 4" Rubber Integral w/floor Ceiling Open Acoustic Tile Gyp. Board Height Window One way glass Doors Size Type Operable Wall Vision Panel Special Hardware or Sea	X X 9' Sliding-ICU type X
Other Base 4" Rubber Integral w/floor Ceiling Open Acoustic Tile Gyp. Board Height Window One way glass Doors Size Type Operable Wall Vision Panel Special Hardware or Sea	X X 9' Sliding-ICU type X
Other Base 4" Rubber Integral w/floor Ceiling Open Acoustic Tile Gyp. Board Height Window One way glass Doors Size Type Operable Wall Vision Panel Special Hardware or Sea	X X 9' Sliding-ICU type X
Other Base 4" Rubber Integral w/floor Ceiling Open Acoustic Tile Gyp. Board Height Window One way glass Doors Size Type Operable Wall Vision Panel Special Hardware or Sea	X X 9' Sliding-ICU type X als
Other Base 4" Rubber Integral w/floor Ceiling Open Acoustic Tile Gyp. Board Height Window One way glass Doors Size Type Operable Wall Vision Panel Special Hardware or Sea	X X 9' Sliding-ICU type X als
	Distance Learning Video Conferencing Projection Surface Flat screen Monitors





C4-4 ACUTE CARE LAB/ADVANCED PRACTICE LAB STORAGE TASK TRAINING SPACES

UTILIZATION		PLUMBING		AV	
Hours of Operation		Sinks		Distance Learning	
8 hours/day		Standard		Video Conferencing	
14 hours/day		ADA		Projection Surface	
24 hours/day	х	Scullery		Flat screen Monitors	
· <u> </u>		Other		Power at Table	
				Data at Table	
OCCUPANY				Lectern or Other	
No. Of Occupants				Ceiling Speakers	
MECHANICAL		ELECTRICAL		ARCHITECTURAL	
Temperature		Electrical Raceway		Walls/Partitions	
68°-75° ± 2°F		110V, 20A, 1 Phase	x	GWB, Paint	х
72°F ± 2°F	х	208V, 30A, 1 Phase		GWB, Epoxy Paint	
Other		208V, 30A, 3 Phase		Other	
Humidity		480V, 100A, 3 Phase		Wall Protection	
50%- 25%± 5%	х	Emergency/ Standby Power		Corner Guards	х
Uncontrolled		UPS (OFOI)		Crash Rails	x
Other < 50%		Other		Other	
15 ACH (Min)				Flooring	
10 ACH (Min)		LIGHTING		VCT/ Vinyl free tile	х
6 ACH (Min)		Lighting Level		Sheet Vinyl	X
100% Make-up Air	<u> </u>	80-100 fc at bench/desk	(labs)	Concrete	
Recirculated Air	х	30-60 fc at bench/desk (. ,	Resinous/ Epoxy	
Air Pressure Positive	X	Task Lighting		Carpet	
Air Pressure Negative		Darkenable or Dimmable		Other	
Air Filtration at Supply or Exhaust		Special Lighting		Base	
Other	•	Natural Daylight Preferred o	r not Not	4" Rubber	x
		Hatara Bayight Folorioa o		Integral w/floor	~
CASEWORK/MILLWORK/ FUR	JITURE	EQUIPMENT		Ceiling	
Headwall		Exam Table		Open	
Suction/Vacuum		Integrated Diagnostic wall s	vstem	Acoustic Tile	×
Oxygen		Patient Bed		Gyp. Board	~
Air		Bed Locater		Height	
Other		Headwall		Window	
Table w/ seating for 2-4		Computer Terminal		One way glass	
Wall Cabinets or Shelves	х	Curtain track		Doors	
Sofa/ Lounge chair	^	Curtain		Size	Double Doors
Lateral File Cabinets		Other	Shelves	Type	Double D0013
2 drawer		other	Oncives	Operable Wall	
3 drawer		ADJACENCY CRITERIA		Vision Panel	
Vertical File Cabinets		Primary Adjacency	Task training lab	Special Hardware or S	eale
2 drawer		Secondary Adjacency	Primary Care Lab	Special Haldware of C	eais
3 drawer	·	Secondary Adjacency	Fillinary Care Lab		
Guest Chairs		PERFORMANCE REQUIRE	MENTS	SECURITY	
		NC Acoustical Criteria		Locks	
Conference Table					
Markerboard		Acoustical Panels		Card Access	x
Tackboard		Privacy Criteria			
		Other Criteria			
REMARKS:					

Shared CPR, respiratory models and other models













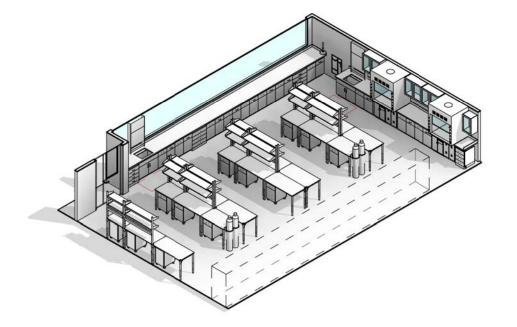


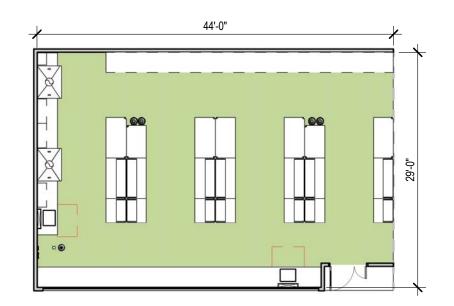


lik 109 Prepared for Southern Illinois University Edwardsville by HOK

D - RESEARCH LABS VIVARIUM RESEARCH OFFICES WORKSPACES





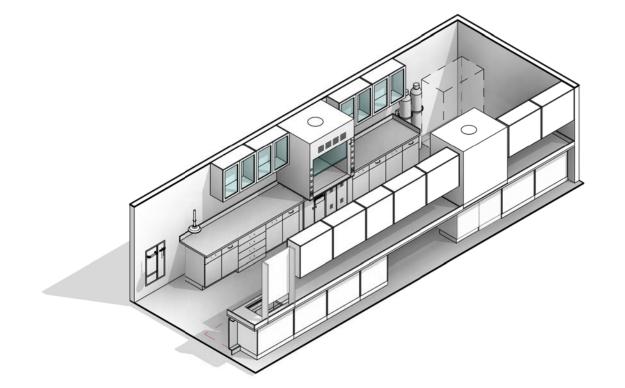


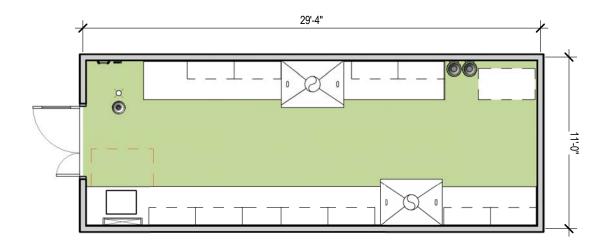
D1-1 SYNTHETIC MEDICINAL CHEMISTRY **RESEARCH LABS**

UTILIZATION		PLUMBING	
Hours of Operation		Services in Room (indicate	e loca
8 hours/day		Laboratory Gas (LG)	
14 hours/day		Laboratory Vacuum (L	
24 hours/day	х	Laboratory Air (LA)	
		Carbon Dioxide (C0 ₂)	
MECHANICAL		Compressed Air,100 r	
Femperature		Chilled Water (CHW S	/R)
68°-75° ± 2°F		Nitrogen Gas (N ₂)	
72°F ± 2°F	х	Helium (He)	
Other		Argon (Ar)	
Humidity		Oxygen (O2)	
50%- 25%± 5%	Х	Other	
Uncontrolled		Sinks	
Other < 50%		Standard	
15 ACH (Min)		ADA	
10 ACH (Min)		Scullery	
6 ACH (Min)	<u>X</u>	Services at Sink	
100% Make-up Air	X	Hot Water (HW)	
Recirculated Air		Cold Water (CW)	
Air Pressure Positive		High Purity Water	
Air Pressure Negative	X	Eyewash(EW) or Drer	
Air Filtration at Supply of Other	rExhaust	Floor Drain (FD)	
Other		Floor Sink (FS) Safety Shower/Eyewash S	
PROCESS EXHAUST/H	2000	Other	
Chemical Fume Hoods	10005	Other	
Type(Bench/Walk in	€ 4	ELECTRICAL	
ADA	4	Electrical Raceway	
Radioisotope or Perchlo	ric Hood	110V, 20A, 1 Phase	-
Biological Safety Cabine		208V, 30A, 1 Phase	
_aminar Flow Hood		208V, 30A, 3 Phase	
Snorkel		480V, 100A, 3 Phase	
Exhaust Port		Emergency/ Standby Pow	
Canopy Hood		UPS (OFOI)	
Other		Other	
EQUIPMENT CRITERIA	۱.	LIGHTING	
Vibration Sensitivity/ Crit	teria	Lighting Level	
Light Sensitive		80-100 fc at bench/des	
Heat or Vibration Produc	sing	30-60 fc at bench/desk	(offic
Noise Producing		Task Lighting	
Other		Darkenable or Dimmable	
		Special Lighting	
SPECIAL REQUIREME	NTS	Natural Daylight Preferred	
Bio/Radioactive Hazard			
RFI / EMI Shielding		SECURITY	
NC Acoustical Criteria		Locks	
		Card Access	
REMARKS:			
REMARKS: 4-4ft hoods, close pro	eximity to NMR		
•	nout lab.		

	AV	
cate location *)	Distance Learning	
) x	Video Conferencing	
(L x	Projection Surface	
x	Flat screen Monitors	
2)	Power at Table	
·	Data at Table	
0	Lectern or Other	
(3/K)	Markerboards	Х
	warkerboards	~
	ARCHITECTURAL	
	Walls/Partitions	
	GWB, Paint	
	GWB, Epoxy Pain	х
х	Other	
X	Wall Protection	
	Corner Guards	х
	Crash Rails	
х	Other	
х	Flooring	
x	VCT/ Vinyl free tile	2
er x	Sheet Vinyl	x
x	Concrete	~
	Resinous/ Epoxy	
n 8 X	Carpet	
	Other	
	-	
	Base	
	4" Rubber	
X	Integral w/floor	Х
X	Ceiling	
Х	Open	
	Acoustic Tile	х
	Gyp. Board	
ow X	Height	10'-0"
	Doors	
	Size	
	Туре	
	Vision Panel	
	Special Hardware	or Seals
es x		
sk (offices)	CASEWORK/MILLWO	ORK
X	Casework Type	
e	Fixed	x
~ <u> </u>	Flexible	<u> </u>
ed x	Casework Material	
ed <u>x</u>	i i	Metal
	Countertop/ Benchtop	Phenolic
	Wall Cabinets or Shel	Х
	Tall Storage Cabinets	
X	Pegboard	Х
	Cabinets Lockable	









UTILIZATION		PLUMBING
Hours of Operation		Services in Room (indicate loca
8 hours/day		Laboratory Gas (LG)
14 hours/day		Laboratory Vacuum (L
24 hours/day	х	Laboratory Air (LA)
		Carbon Dioxide (C0 ₂)
MECHANICAL		Compressed Air,100 p
Temperature		Chilled Water (CHW S/R)
68°-75° ± 2°F		Nitrogen Gas (N ₂)
72°F ± 2°F	Х	Helium (He)
Other		Argon (Ar)
Humidity		Oxygen (O2)
50%- 25%± 5%	х	Other
Uncontrolled		Sinks
Other < 50%		Standard
15 ACH (Min)		ADA
10 ACH (Min)		Scullery
6 ACH (Min)	Х	Services at Sink
100% Make-up Air	Х	Hot Water (HW)
Recirculated Air		Cold Water (CW)
Air Pressure Positive		High Purity Water
Air Pressure Negative	Х	Eyewash(EW) or Dren
Air Filtration at Supply or Exha	aust	Floor Drain (FD)
Other		Floor Sink (FS)
		Safety Shower/Eyewash S
PROCESS EXHAUST/HOOD	S	Other

PROCESS EXHAUST/HOODS Cł

Chemical Fume Hoods
Type(Bench/Walk in 2
ADA
Radioisotope or Perchloric Hood
Biological Safety Cabinet
Laminar Flow Hood
Snorkel
Exhaust Port
Canopy Hood
Other

EQUIPMENT CRITERIA Vibration Sensitivity/ Criteria

Light Sensitive	
Heat or Vibration Produc	cing
Noise Producing	
Other	

SPECIAL REQUIREMENTS

Bio/Radioactive Hazard RFI / EMI Shielding NC Acoustical Criteria

SECURITY Locks Card Access

Darkenable or Dimmable Special Lighting

Natural Daylight Preferred

ELECTRICAL

UPS (OFOI)

LIGHTING

Lighting Level

Task Lighting

Other

Electrical Raceway

110V, 20A, 1 Phase

208V, 30A, 1 Phase

208V, 30A, 3 Phase

480V, 100A, 3 Phase

Emergency/ Standby Pow

REMARKS:

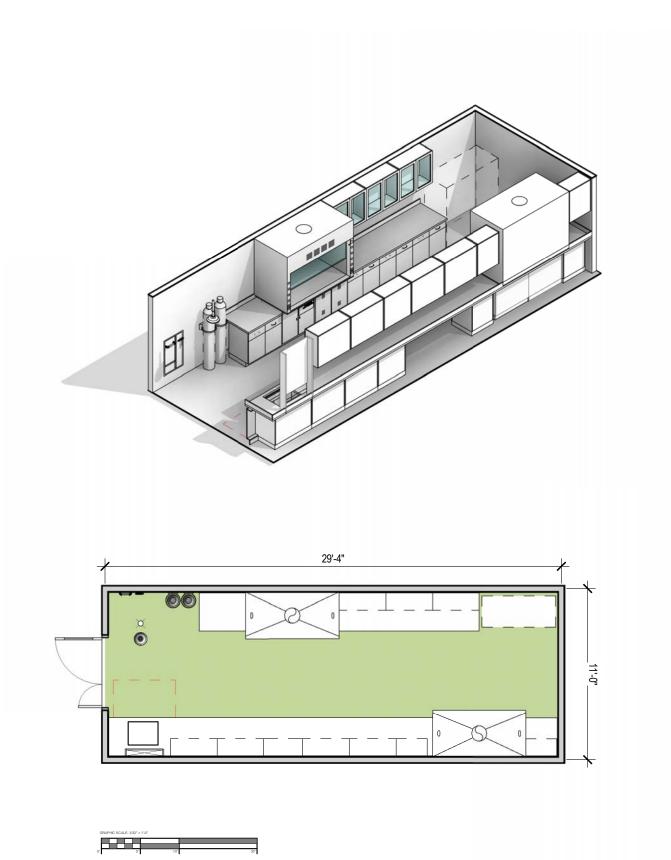
2-4ft hoods, close proximity to NMR High purity water provided by local unit Markerboards

D1-2 MED CHEM SYNTHESIS, ANALYSIS **RESEARCH LABS**

AV
Distance Learning
Video Conferencing
Projection Surface
Flat screen Monitors
Power at Table
Data at Table
Lectern or Other
Markerboards X
ARCHITECTURAL
Walls/Partitions
GWB, Paint
GWB, Epoxy Pain x
Other
Wall Protection
Corner Guards x
Crash Rails
Other
Flooring
VCT/ Vinyl free tile
Sheet Vinyl x
Concrete
Resinous/ Epoxy
Carpet
Other
Base
4" Rubber
Integral w/floor x
Ceiling
Open
•
Open
Open Acoustic Tile x
Open Acoustic Tile x Gyp. Board
Open Acoustic Tile x Gyp. Board Height 10'-0"
Open Acoustic Tile x Gyp. Board Height 10'-0" Doors
Open Acoustic Tile x Gyp. Board Height 10'-0" Doors Size
Open Acoustic Tile x Gyp. Board Height 10'-0" Doors Size Type
Open Acoustic Tile x Gyp. Board Height 10'-0" Doors Size Type Vision Panel
Open Acoustic Tile x Gyp. Board Height 10'-0" Doors Size Type Vision Panel
Open Acoustic Tile x Gyp. Board Height 10'-0" Doors Size Type Vision Panel Special Hardware or Seals
Open Acoustic Tile x Gyp. Board Height 10'-0" Doors Size Type Vision Panel Special Hardware or Seals CASEWORK/MILLWORK
Open Acoustic Tile x Gyp. Board Height 10'-0" Doors Size Type Vision Panel Special Hardware or Seals CASEWORK/MILLWORK Casework Type
Open Acoustic Tile x Gyp. Board Height 10'-0" Doors Size Type Vision Panel Special Hardware or Seals CASEWORK/MILLWORK Casework Type Fixed X
Open Acoustic Tile x Gyp. Board Height 10'-0" Doors Size Type Vision Panel Special Hardware or Seals CASEWORK/MILLWORK Casework Type Fixed X Flexible X
Open Acoustic Tile x Gyp. Board Height 10'-0" Doors Size Type Vision Panel Special Hardware or Seals CASEWORK/MILLWORK Casework Type Fixed X Flexible X Casework Material Metal
Open Acoustic Tile x Gyp. Board Height 10'-0" Doors Size Type Vision Panel Special Hardware or Seals CASEWORK/MILLWORK Casework Type Fixed X Flexible X Casework Material Countertop/ Benchtop Phenolic
Open Acoustic Tile x Gyp. Board Height 10'-0" Doors Size Type Vision Panel Special Hardware or Seals CASEWORK/MILLWORK Casework Type Fixed X Flexible X Casework Material Countertop/ Benchtop Wall Cabinets or Shely X
Open Acoustic Tile x Gyp. Board Height 10'-0" Doors Size Type Vision Panel Special Hardware or Seals CASEWORK/MILLWORK Casework Type Fixed X Flexible X Casework Material Countertop/ Benchtop Wall Cabinets or Shely X Tall Storage Cabinets
Open Acoustic Tile Gyp. Board Height 10"-0" Doors Size Type Vision Panel Special Hardware or Seals CASEWORK/MILLWORK Casework Type Fixed X Flexible X Casework Material Metal Countertop/ Benchtop Phenolic Wall Cabinets or Sheh X Tall Storage Cabinets

hk

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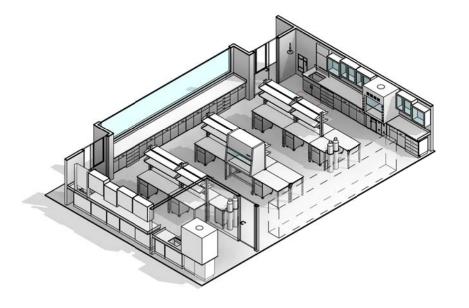
D1-3 SYNTHETIC MEDICINAL CHEMISTRY **RESEARCH LABS**

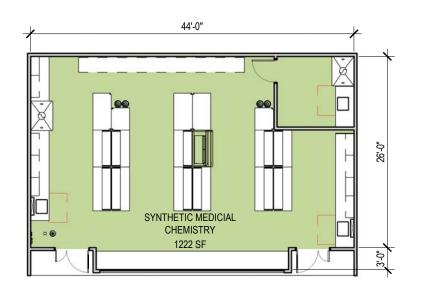
UTILIZATION	PLUMBING
Hours of Operation	Services in Room (indi
8 hours/day	Laboratory Gas (LG
14 hours/day	Laboratory Vacuum
24 hours/day x	Laboratory Air (LA)
MECHANICAL	Carbon Dioxide (CC
MECHANICAL Temperature	Compressed Air,10 Chilled Water (CHV
$68^{\circ}-75^{\circ} \pm 2^{\circ}F$	Nitrogen Gas (N ₂)
72°F ± 2°F x	Helium (He)
Other	Argon (Ar)
Humidity	Oxygen (O2)
50%- 25%± 5% x	Other
	Sinks
Other < 50%	Standard
15 ACH (Min)	ADA
10 ACH (Min)	Scullery
6 ACH (Min) X	
100% Make-up Air X	Hot Water (HW)
Recirculated Air	Cold Water (CW)
Air Pressure Positive	High Purity Water
Air Pressure Negative X	Eyewash(EW) or D
Air Filtration at Supply or Exhaust	Floor Drain (FD)
Other	Floor Sink (FS)
	Safety Shower/Eyewasl
PROCESS EXHAUST/HOODS	Other
Chemical Fume Hoods	
Type(Bench/Walk in 2	ELECTRICAL
ADA	Electrical Raceway
Radioisotope or Perchloric Hood	110V, 20A, 1 Phase
Biological Safety Cabinet	208V, 30A, 1 Phase
Laminar Flow Hood	208V, 30A, 3 Phase
Snorkel	480V, 100A, 3 Phase
Exhaust Port	Emergency/ Standby Po
Canopy Hood	UPS (OFOI)
Other	Other
EQUIPMENT CRITERIA	LIGHTING
Vibration Sensitivity/ Criteria	Lighting Level
Light Sensitive	80-100 fc at bench/d
Heat or Vibration Producing	30-60 fc at bench/de
Noise Producing	Task Lighting
Other	Darkenable or Dimmab
	Special Lighting
SPECIAL REQUIREMENTS	Natural Daylight Preferr
Bio/Radioactive Hazard	
RFI / EMI Shielding	SECURITY
NC Acoustical Criteria	Locks
	Card Access
REMARKS:	
2-4ft hoods, close proximity to NM	R
High purity water provided by local	unit
Provide Markerboards	



	AV	
icate location *)	Distance Learning	
G) x	Video Conferencing	
n (L x	Projection Surface	
X	Flat screen Monitors	
02)	Power at Table	
00 ¢ X	Data at Table	
W S/R)	Lectern or Other	
	Markerboards	Х
	ARCHITECTURAL	
	Walls/Partitions	
	GWB, Paint	
	GWB, Epoxy Pain	х
x	Other	
X	Wall Protection	
	Corner Guards	х
	Crash Rails	~
x	Other	
X	Flooring	
× ×	VCT/ Vinyl free tile	2
)rer x	Sheet Vinyl	x
x	Concrete	
	Resinous/ Epoxy	
sh S X	Carpet	
	Other	
	Base	<u> </u>
	4" Rubber	
	Integral w/floor	
<u> </u>	•	X
<u> </u>	Ceiling	
X	Open	
	Acoustic Tile	х
No	Gyp. Board	101.01
Pow X	Height	10'-0"
	Doors	
	Size	
	Type	
	Vision Panel	
	Special Hardware	or Seals
des x	0.405W05K0W	
esk (offices)	CASEWORK/MILLWO	JRK
X	Casework Type	
ble	Fixed	Х
	Flexible	Х
red x	Casework Material	Metal
	Countertop/ Benchtop	Phenolic
	Wall Cabinets or Shel	Х
	Tall Storage Cabinets	
х	Pegboard	х
	Cabinets Lockable	







UTILIZATION	PLUMBING
Hours of Operation	Services in Room (indicate locat
8 hours/day	Laboratory Gas (LG)
14 hours/day	Laboratory Vacuum (L
24 hours/day x	Laboratory Air (LA)
	Carbon Dioxide (C0 ₂)
MECHANICAL	Compressed Air,100 p
Temperature	Chilled Water (CHW S/R)
68°-75° ± 2°F	Nitrogen Gas (N ₂)
72°F ± 2°F x	Helium (He)
Other	Argon (Ar)
Humidity	Oxygen (O2)
50%-25%±5% x	Other
Uncontrolled	Sinks
Other < 50%	Standard
15 ACH (Min)	ADA
10 ACH (Min)	Scullery
6 ACH (Min) X	Services at Sink
100% Make-up Air X	Hot Water (HW)
Recirculated Air	Cold Water (CW)
Air Pressure Positive	High Purity Water
Air Pressure Negative X	Eyewash(EW) or Dren
Air Filtration at Supply or Exhaust	Floor Drain (FD)
Other	Floor Sink (FS)
	Safety Shower/Eyewash S
PROCESS EXHAUST/HOODS	Other

ELECTRICAL

Chemical Fume Hoods	
Type(Bench/Walk in e	2
ADA	
Radioisotope or Perchlor	ic Hood
Biological Safety Cabinet	1
Laminar Flow Hood	
Snorkel	
Exhaust Port	
Canopy Hood	
Other	

EQUIPMENT CRITERIA Vibr

vibration Sensitivity/ Criteria
Light Sensitive
Heat or Vibration Producing
Noise Producing
Other

SPECIAL REQUIREMENTS

Bio/Radioactive Hazard RFI / EMI Shielding NC Acoustical Criteria

SECURITY Locks Card Access

Electrical Raceway 110V, 20A, 1 Phase

208V, 30A, 1 Phase

208V, 30A, 3 Phase

UPS (OFOI)

LIGHTING

Lighting Level

Task Lighting

Special Lighting

Darkenable or Dimmable

Natural Daylight Preferred

Other

480V, 100A, 3 Phase Emergency/ Standby Po

REMARKS:

2-4ft hoods, 1-bsc, close to vivarium High purity water provided by local unit Provide Markerboards

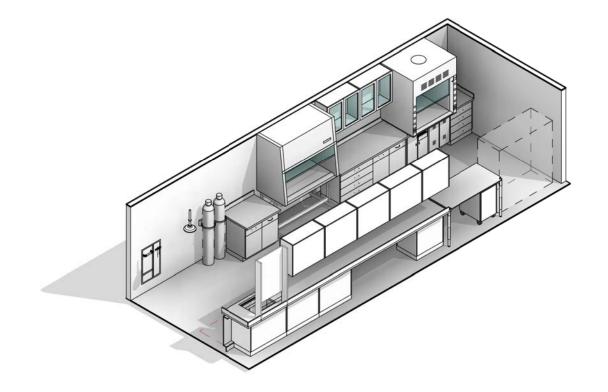
D1-4 MICROBIOLOGY, CELL BIOLOGY **RESEARCH LABS**

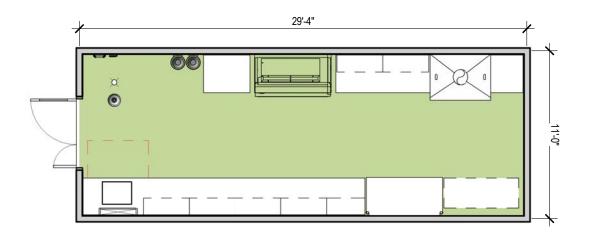
LUMBING	AV	
ervices in Room (indicate location *)	Distance Learning	
Laboratory Gas (LG) x	Video Conferencing	
Laboratory Vacuum (L x	Projection Surface	
Laboratory Air (LA) x	Flat screen Monitors	
Carbon Dioxide (C0 ₂)	Power at Table	
Compressed Air,100 p X	Data at Table	
Chilled Water (CHW S/R)	Lectern or Other	
Nitrogen Gas (N ₂) Helium (He)	Markerboards	Х
Argon (Ar)	ARCHITECTURAL	
Oxygen (O2)	Walls/Partitions	
Other	GWB, Paint	
inks		x
	GWB, Epoxy Pain Other	X
	Wall Protection Corner Guards	
Scullery	Corner Guards	Х
ervices at Sink	-	
Hot Water (HW) x	Other	
Cold Water (CW) x	Flooring	
High Purity Water x	VCT/ Vinyl free tile	
Eyewash(EW) or Dren x	Sheet Vinyl	Х
loor Drain (FD) x	Concrete	
loor Sink (FS)	Resinous/ Epoxy	
afety Shower/Eyewash S <u>X</u>	Carpet	
ther	Other _	
LECTRICAL	Base	
	4" Rubber	
lectrical Raceway x 10V, 20A, 1 Phase x	Integral w/floor	Х
	Ceiling	
08V, 30A, 1 Phase x	Open Acoustic Tile	Y
08V, 30A, 3 Phase		х
30V, 100A, 3 Phase	Gyp. Board	4.01.01
mergency/ Standby Pow X	Height	10'-0"
PS (OFOI)	Doors	
ther	-	
	Type	
	Vision Panel	Caala
ghting Level	Special Hardware or	Seals
80-100 fc at bench/des x		
30-60 fc at bench/desk (offices)	CASEWORK/MILLWOR	N N
ask Lighting X	Casework Type	v
arkenable or Dimmable	Fixed	X
pecial Lighting	Flexible	X
atural Daylight Preferred x	Casework Material	Metal
	Countertop/ Benchtop	Phenolic
ECURITY	Wall Cabinets or Shel	Х
	Tall Storage Cabinets	
Card Access x	Pegboard Cabinets Lockable	х



hk









D1-5 MICROSCOPY, CELL BIOLOGY RESEARCH LABS

UTILIZATION	PLUMBING
Hours of Operation	Services in Room (indicat
8 hours/day	Laboratory Gas (LG)
14 hours/day	Laboratory Vacuum (L
24 hours/day x	Laboratory Air (LA)
·	Carbon Dioxide (C02)
MECHANICAL	Compressed Air,100 p
Temperature	Chilled Water (CHW S
68°-75° ± 2°F	Nitrogen Gas (N ₂)
72°F ± 2°F x	Helium (He)
Other	Argon (Ar)
Humidity	Oxygen (O2)
50%-25%±5% x	Other
Uncontrolled	Sinks
Other < 50%	Standard
15 ACH (Min)	ADA
10 ACH (Min)	Scullery
6 ACH (Min) X	Services at Sink
100% Make-up Air X	Hot Water (HW)
Recirculated Air	Cold Water (CW)
Air Pressure Positive	High Purity Water
Air Pressure Negative X	Eyewash(EW) or Drer
Air Filtration at Supply or Exhaust	Floor Drain (FD)
Other	Floor Sink (FS)
	Safety Shower/Eyewash S
PROCESS EXHAUST/HOODS	Other
Chemical Fume Hoods	
Type(Bench/Walk in (1	ELECTRICAL
ADA	Electrical Raceway
Radioisotope or Perchloric Hood	110V, 20A, 1 Phase
Biological Safety Cabinet 1	208V, 30A, 1 Phase
Laminar Flow Hood	208V, 30A, 3 Phase
Snorkel	480V, 100A, 3 Phase
Exhaust Port	Emergency/ Standby Pow
Canopy Hood	UPS (OFOI)
Other	Other
Vibration Sensitivity/ Crite x	Lighting Level
Vibration Sensitivity/ Crite x Light Sensitive	Lighting Level 80-100 fc at bench/des
Vibration Sensitivity/ Critr <u>x</u> Light Sensitive Heat or Vibration Producing	Lighting Level 80-100 fc at bench/des 30-60 fc at bench/desk
Vibration Sensitivity/ Critr <u>x</u> Light Sensitive Heat or Vibration Producing Noise Producing	Lighting Level 80-100 fc at bench/des 30-60 fc at bench/desk Task Lighting
Vibration Sensitivity/ Critr <u>x</u> Light Sensitive Heat or Vibration Producing Noise Producing	Lighting Level 80-100 fc at bench/des 30-60 fc at bench/desk Task Lighting Darkenable or Dimmable
Vibration Sensitivity/ Crit <u>x</u> Light Sensitive Heat or Vibration Producing Noise Producing Other	Lighting Level 80-100 fc at bench/des 30-60 fc at bench/desk Task Lighting Darkenable or Dimmable Special Lighting
Light Sensitive	Lighting Level 80-100 fc at bench/des 30-60 fc at bench/desk Task Lighting Darkenable or Dimmable
Vibration Sensitivity/ Crit <u>x</u> Light Sensitive Heat or Vibration Producing Noise Producing Other SPECIAL REQUIREMENTS Bio/Radioactive Hazard	Lighting Level 80-100 fc at bench/des 30-60 fc at bench/desk Task Lighting Darkenable or Dimmable Special Lighting Natural Daylight Preferred
Vibration Sensitivity/ Critr <u>x</u> Light Sensitive Heat or Vibration Producing Noise Producing Other SPECIAL REQUIREMENTS Bio/Radioactive Hazard RFI / EMI Shielding	Lighting Level 80-100 fc at bench/des 30-60 fc at bench/desk Task Lighting Darkenable or Dimmable Special Lighting Natural Daylight Preferred
Vibration Sensitivity/ Crit <u>x</u> Light Sensitive Heat or Vibration Producing Noise Producing Other	Lighting Level 80-100 fc at bench/des 30-60 fc at bench/desk Task Lighting Darkenable or Dimmable Special Lighting Natural Daylight Preferred SECURITY Locks
Vibration Sensitivity/ Critr <u>x</u> Light Sensitive Heat or Vibration Producing Noise Producing Other SPECIAL REQUIREMENTS Bio/Radioactive Hazard RFI / EMI Shielding	Lighting Level 80-100 fc at bench/des 30-60 fc at bench/desk Task Lighting Darkenable or Dimmable Special Lighting Natural Daylight Preferred
Vibration Sensitivity/ Critr <u>x</u> Light Sensitive Heat or Vibration Producing Noise Producing Other SPECIAL REQUIREMENTS Bio/Radioactive Hazard RFI / EMI Shielding	Lighting Level 80-100 fc at bench/des 30-60 fc at bench/desk Task Lighting Darkenable or Dimmable Special Lighting Natural Daylight Preferred SECURITY Locks
Vibration Sensitivity/ Critr <u>x</u> Light Sensitive Heat or Vibration Producing Noise Producing Other SPECIAL REQUIREMENTS Bio/Radioactive Hazard RFI / EMI Shielding NC Acoustical Criteria	Lighting Level 80-100 fc at bench/des 30-60 fc at bench/desk Task Lighting Darkenable or Dimmable Special Lighting Natural Daylight Preferred SECURITY Locks
Vibration Sensitivity/ Critr <u>x</u> Light Sensitive Heat or Vibration Producing Noise Producing Other SPECIAL REQUIREMENTS Bio/Radioactive Hazard RFI / EMI Shielding	Lighting Level 80-100 fc at bench/des 30-60 fc at bench/desk Task Lighting Darkenable or Dimmable Special Lighting Natural Daylight Preferred SECURITY Locks
Vibration Sensitivity/ Critrx Light Sensitive Heat or Vibration Producing Noise Producing Other SPECIAL REQUIREMENTS Bio/Radioactive Hazard RFI / EMI Shielding NC Acoustical Criteria REMARKS: 2-4ft hoods, 1-Class II A2 BSC	Lighting Level 80-100 fc at bench/des 30-60 fc at bench/desk Task Lighting Darkenable or Dimmable Special Lighting Natural Daylight Preferred SECURITY Locks
Vibration Sensitivity/ Critrx Light Sensitive Heat or Vibration Producing Noise Producing Other SPECIAL REQUIREMENTS Bio/Radioactive Hazard RFI / EMI Shielding NC Acoustical Criteria REMARKS: 2-4ft hoods, 1-Class II A2 BSC High purity water provided by local unit	Lighting Level 80-100 fc at bench/des 30-60 fc at bench/desk Task Lighting Darkenable or Dimmable Special Lighting Natural Daylight Preferred SECURITY Locks
Vibration Sensitivity/ Critrx Light Sensitive Heat or Vibration Producing Noise Producing Other SPECIAL REQUIREMENTS Bio/Radioactive Hazard RFI / EMI Shielding NC Acoustical Criteria REMARKS: 2-4ft hoods, 1-Class II A2 BSC	Lighting Level 80-100 fc at bench/des 30-60 fc at bench/desk Task Lighting Darkenable or Dimmable Special Lighting Natural Daylight Preferred SECURITY Locks

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х

AV		
Distance Learning		
Video Conferencing		
Projection Surface		
Flat screen Monitors		
Power at Table		
Data at Table		
Lectern or Other		
Markerboards	Х	
ARCHITECTURAL		
Walls/Partitions		
GWB, Paint		
GWB, Epoxy Pain	х	
Other		
Wall Protection		
Corner Guards	х	
Crash Rails		
Other		
Flooring		
VCT/ Vinyl free tile	e	
Sheet Vinyl	х	
Concrete		
Resinous/ Epoxy		
Carpet		
Other		
Base		
4" Rubber		
Integral w/floor	Х	
Ceiling		
Open		
Acoustic Tile	х	
Gyp. Board		
Height	10'-0"	
Doors		
Size		
Туре		
Vision Panel		
Special Hardware	or Seals	
CASEWORK/MILLWO	ORK	
Casework Type		
Fixed	x	
Flexible	<u> </u>	
Casework Material	Metal	
Countertop/ Benchtop		
Wall Cabinets or Shel		
Tall Storage Cabinets		
Peqboard	x	
Cabinets Lockable	^	
Capillets Lockaple		



D1-6 PHARMACOLOGY RESEARCH **RESEARCH LABS**

h+k

UTILIZATION	PLUMBING	AV
Hours of Operation	Services in Room (indicate location	*) Distance Learning
8 hours/day	Laboratory Gas (LG) x	Video Conferencing
14 hours/day	Laboratory Vacuum (L x	Projection Surface
24 hours/day x	Laboratory Air (LA) x	Flat screen Monitors
	Carbon Dioxide (C0 ₂)	Power at Table
MECHANICAL	Compressed Air,100 p X	Data at Table
Temperature	Chilled Water (CHW S/R)	Lectern or Other
68°-75° ± 2°F	Nitrogen Gas (N ₂)	Markerboards X
72°F ± 2°F x	Helium (He)	
Other	Argon (Ar)	ARCHITECTURAL
Humidity	Oxygen (O2)	Walls/Partitions
50%- 25%± 5% x	Other	GWB, Paint
Uncontrolled	Sinks	GWB, Epoxy Pain x
Other < 50%	Standard x	Other
15 ACH (Min)	ADA X	Wall Protection
10 ACH (Min)	Scullery	Corner Guards x
6 ACH (Min) X	Services at Sink	Crash Rails
100% Make-up Air X	Hot Water (HW) x	Other
Recirculated Air	Cold Water (CW) x	Flooring
Air Pressure Positive	High Purity Water x	VCT/ Vinyl free tile
Air Pressure Negative X	Evewash(EW) or Dren x	Sheet Vinyl x
Air Filtration at Supply or Exhaust	Floor Drain (FD) x	Concrete
Other	Floor Sink (FS)	Resinous/ Epoxy
	Safety Shower/Eyewash S X	Carpet
PROCESS EXHAUST/HOODS	Other	Other
Chemical Fume Hoods		Base
Type(Bench/Walk in ϵ 2	ELECTRICAL	4" Rubber
ADA	Electrical Raceway x	Integral w/floor x
Radioisotope or Perchlor 1	110V, 20A, 1 Phase x	Ceiling
Biological Safety Cabinet 1	208V, 30A, 1 Phase x	Open
Laminar Flow Hood	208V, 30A, 3 Phase	Acoustic Tile x
Snorkel	480V, 100A, 3 Phase	Gyp. Board
Exhaust Port	Emergency/ Standby Pow X	Height 10'-0
Canopy Hood	UPS (OFOI)	Doors
Other	Other	Size
		Туре
EQUIPMENT CRITERIA	LIGHTING	Vision Panel
Vibration Sensitivity/ Criteria	Lighting Level	Special Hardware or Seals
Light Sensitive	80-100 fc at bench/des x	
Heat or Vibration Producing	30-60 fc at bench/desk (offices)	CASEWORK/MILLWORK
Noise Producing	Task Lighting X	Casework Type
Other	Darkenable or Dimmable	Fixed X
	Special Lighting	Flexible X
SPECIAL REQUIREMENTS	Natural Daylight Preferred x	Casework Material Meta
Bio/Radioactive Hazard		Countertop/ Benchtop Pheno
RFI / EMI Shielding	SECURITY	Wall Cabinets or Shelv X
NC Acoustical Criteria	Locks	Tall Storage Cabinets
	Card Access x	Pegboard x

REMARKS:		
2-4ft hoods, 1-Class II A2 BSC close proximity to vivarium, 1-radioisotope hood		
High purity water provided by local unit		
Provide markerboards		

UTILIZATION	PLUMBING
Hours of Operation	Services in Room (indicate loc
8 hours/day	Laboratory Gas (LG)
14 hours/day	Laboratory Vacuum (L
24 hours/day x	Laboratory Air (LA)
	Carbon Dioxide (C0 ₂)
MECHANICAL	Compressed Air,100 p
Temperature	Chilled Water (CHW S/R)
68°-75° ± 2°F	Nitrogen Gas (N ₂)
72°F ± 2°F x	Helium (He)
Other	Argon (Ar)
Humidity	Oxygen (O2)
50%- 25%± 5% x	Other
Uncontrolled	Sinks
Other < 50%	Standard
15 ACH (Min)	ADA
10 ACH (Min)	Scullery
6 ACH (Min) X	Services at Sink
100% Make-up Air X	Hot Water (HW)
Recirculated Air	Cold Water (CW)
Air Pressure Positive	High Purity Water
Air Pressure Negative X	Eyewash(EW) or Dren
Air Filtration at Supply or Exhaust	Floor Drain (FD)
Other	Floor Sink (FS)
	Safety Shower/Eyewash S
PROCESS EXHAUST/HOODS	Other
Chemical Fume Hoods	
Type(Bench/Walk in $($ 1	ELECTRICAL
ADA	Electrical Raceway
Radioisotope or Perchloric Hood	110V, 20A, 1 Phase
· · · · · · · · · · · · · · · · · · ·	
5 · · ·	208V, 30A, 1 Phase
Laminar Flow Hood	208V, 30A, 3 Phase
Snorkel	480V, 100A, 3 Phase
Exhaust Port	Emergency/ Standby Pow
Canopy Hood	UPS (OFOI)
Other	Other
EQUIPMENT CRITERIA	LIGHTING
Vibration Sensitivity/ Criteria	Lighting Level
Light Sensitive	80-100 fc at bench/des
Heat or Vibration Producing	30-60 fc at bench/desk (offic
Noise Producing	Task Lighting
Other	Darkenable or Dimmable
	Special Lighting
SPECIAL REQUIREMENTS	Natural Daylight Preferred
Bio/Radioactive Hazard	
RFI / EMI Shielding	SECURITY
NC Acoustical Criteria	Locks
	Card Access
	Card Access
REMARKS:	ium, 1-ClassII A2 BSC, 1-Class-II B2 B
High purity water provided by local u	arne
provide markerboards	

Prepared for Southern Illinois University Edwardsville by HOK

D1-7 PHARMACOLOGY RESEARCH **RESEARCH LABS**

		AV	
licate lo	cation *)	Distance Learning	
G)	x	Video Conferencing	
ή (L	х	Projection Surface	
`	х	Flat screen Monitors	
)2)		Power at Table	
0 p	Х	Data at Table	
V S/R)		Lectern or Other	
		Markerboards	Х
		Markerboards	
		ARCHITECTURAL	
		Walls/Partitions	
		GWB, Paint	
		GWB, Epoxy Pain	х
	х	Other	~
	X	Wall Protection	
	~	Corner Guards	×
		Crash Rails	Х
	v	Other	
	x		
	X	Flooring	
	Х	VCT/ Vinyl free tile	
ren	Х	Sheet Vinyl	Х
	Х	Concrete	
		Resinous/ Epoxy	
h S	Х	Carpet	
		Other	
		Base	
		4" Rubber	
	x	Integral w/floor	х
	х	Ceiling	
	х	Open	
		Acoustic Tile	х
		Gyp. Board	
ow	Х	Height	10'-0"
		Doors	
		Size	
		Type	
		Vision Panel	
		Special Hardware or S	Seals
les	х		2000
sk (off		CASEWORK/MILLWORK	٢
	X	Casework Type	
e		Fixed	х
		Flexible	X
ed	x	Casework Material	Metal
eu	^		
		Countertop/ Benchtop	Phenolic
		Wall Cabinets or Shelv	Х
		Tall Storage Cabinets	
	Х	Pegboard	Х
		Cabinets Lockable	
	200		
-II B2 I	BSC		



D1-8 PHARMACOLOGY RESEARCH **RESEARCH LABS**

UTILIZATION

Hours of Operation 8 hours/day 14 hours/day 24 hours/day

MECHANICA
Tomporaturo

remperature	
68°-75° ± 2°F	
72°F ± 2°F	Х
Other	
Humidity	
50%- 25%± 5%	х
Uncontrolled	
Other < 50%	
15 ACH (Min)	
10 ACH (Min)	
6 ACH (Min)	Х
100% Make-up Air	Х
Recirculated Air	
Air Pressure Positive	
Air Pressure Negative	Х
Air Filtration at Supply or	Exhaust
Other	

PROCESS EXHAUST/HOODS

Chemical Fume Hoods	
Type(Bench/Walk in etc	.)
ADA	
Radioisotope or Perchlor	1
Biological Safety Cabine	1
Laminar Flow Hood	
Snorkel	
Exhaust Port	
Canopy Hood	
Other	

EQUIPMENT CRITERIA

SPECIAL REQUIREMENTS

Bio/Radioactive Hazard

NC Acoustical Criteria

RFI / EMI Shielding

Vibration Sensitivity/ Criteria
Light Sensitive
Heat or Vibration Producing
Noise Producing
Other

ADA
Scullery
Services at Sink
Hot Water (HW)
Cold Water (CW)
High Purity Water
Eyewash(EW) or Drei
Floor Drain (FD)

PLUMBING

Services in Room (indicate location *)

Laboratory Gas (LG)

Laboratory Vacuum (I

Carbon Dioxide (C02)

Compressed Air,100 p

Nitrogen Gas (N₂)

Helium (He)

Oxygen (O2)

Argon (Ar)

Other Sinks

Standard

Laboratory Air (LA)

<u> </u>	
Eyewash(EW) or Dren	
Floor Drain (FD)	
Floor Sink (FS)	
Safety Shower/Eyewash S	
Other	

ELECTRICAL	
Electrical Raceway	х
110V, 20A, 1 Phase	х
208V, 30A, 1 Phase	Х
208V, 30A, 3 Phase	
480V, 100A, 3 Phase	

IGHTING	
ighting Level	
80-100 fc at bench/des	
30-60 fc at bench/desk	(office

Emergency/ Standby P

UPS (OFOI)

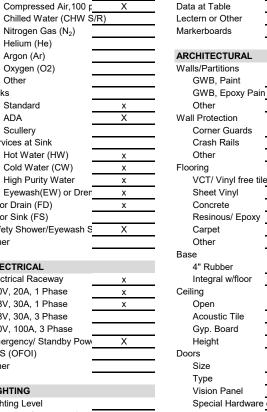
Other

Task Lighting	Х
Darkenable or Dimmable	
Special Lighting	
Natural Daylight Preferred	х

SECURITY	
Locks	-
Card Access	х

RE	M/	٩R	KS:	

- 1-Class II B2 BSC, 1-4 foot radioisotope hood High purity water provided by local unit
- Provide markerboards



C

х

AV

Distance Learning

Video Conferencing

Projection Surface

Power at Table

Flat screen Monitors

Casework Type	
Fixed	Х
Flexible	Х
Casework Material	Metal
Countertop/ Benchtop	Phenol
Wall Cabinets or Shelv	Х
Tall Storage Cabinets	

Casework Material	Meta
Countertop/ Benchtop	Phene
Wall Cabinets or Shel	Х
Tall Storage Cabinets	
Pegboard	х

Vision Panel	
Special Hardware	or Seals
ASEWORK/MILLWO	ORK
asework Type	
Fixed	Х
Flexible	Х
asework Material	Me
ounterton/ Benchton	Pher

r Seals
RK
Х
Х
Metal

10'-0"

Casework Material	Metal
Countertop/ Benchtop	Phenolic
Wall Cabinets or Shelv	Х
Tall Storage Cabinets	
Pegboard	х
Cabinets Lockable	

htk

FORMULATION RESEARCH LABS	S, STABILITY ST	rudies
UTILIZATION	PLUMBING	AV
Hours of Operation	Services in Room (indicate location	on *) Distan
8 hours/day	Laboratory Gas (LG)	x Video
14 hours/day	Laboratory Vacuum (L	x Projec
24 hours/day x	Laboratory Air (LA)	x Flat so
	Carbon Dioxide (C0 ₂)	Power
MECHANICAL	Compressed Air,100 r	X Data a

remperature
68°-75° ± 2°F
72°F ± 2°F
Other
Humidity
50%- 25%± 5%
Uncontrolled
Other < 50%
15 ACH (Min)
10 ACH (Min)
a . a

D1-9

6 ACH (Min)
100% Make-up Air
Recirculated Air
Air Pressure Positive

Air Pressure Negative Air Filtration at Supply or Exhaust Other

PROCESS EXHAUST/HOODS

Х

Chemical Fume Hoods

Type(Bench/Walk in e ADA Radioisotope or Perchloric Hood Biological Safety Cabine 2 Laminar Flow Hood Snorkel Exhaust Port Canopy Hood Other

Electrical Raceway
110V, 20A, 1 Phase
208V, 30A, 1 Phase
208V, 30A, 3 Phase
480V, 100A, 3 Phase
Emergency/ Standby
UPS (OFOI)

ELECTRICAL

Services at Sink

Floor Drain (FD) Floor Sink (FS)

Other

Other

LIGHTING

Lighting Level

Task Lighting

Special Lighting

Safety Shower/Eyew

Sinks

EQUIPMENT CRITERIA

Vibration Sensitivity/ Criteria Light Sensitive Heat or Vibration Producing Noise Producing

SPECIAL REQUIREMENTS

Bio/Radioactive Hazard RFI / EMI Shielding NC Acoustical Criteria

SECURITY	
Locks	
Card Access	

Darkenable or Dimmable

Natural Daylight Preferred

REMARKS:

Other

- 2-4 foot fume hoods, 1-Class II A2 BSC, 1-Class II B2 BSC High purity water provided by local unit Provide Markerboards



UMBING	AV
ervices in Room (indicate location *)	Distance Learning
Laboratory Gas (LG) x	Video Conferencing
Laboratory Vacuum (Lx	Projection Surface
Laboratory Air (LA) x	Flat screen Monitors
Carbon Dioxide (C0 ₂)	Power at Table
Compressed Air,100 r X	Data at Table
Chilled Water (CHW S/R)	Lectern or Other
Nitrogen Gas (N ₂)	Markerboards X
Helium (He)	
Argon (Ar)	ARCHITECTURAL
Oxygen (O2)	Walls/Partitions
Other	GWB, Paint
nks	GWB, Epoxy Pain x
Standard x	Other
ADA X	Wall Protection
Scullery	Corner Guards x
ervices at Sink	Crash Rails
Hot Water (HW) x	Other
Cold Water (CW) x	Flooring
High Purity Water x	VCT/ Vinyl free tile
Eyewash(EW) or Drer x	Sheet Vinyl x
por Drain (FD) x	Concrete
por Sink (FS)	Resinous/ Epoxy
afety Shower/Eyewash S X	Carpet
her	Other
	Base
ECTRICAL	4" Rubber
ectrical Raceway x	Integral w/floor x
0V, 20A, 1 Phase x	Ceiling
8V, 30A, 1 Phase x	Open
8V, 30A, 3 Phase	Acoustic Tile x
0V, 100A, 3 Phase	Gyp. Board
nergency/ Standby Pow X	Height 10'-0"
PS (OFOI)	Doors
her	Size
	Туре
GHTING	Vision Panel
ahting Level	Special Hardware or Seals
80-100 fc at bench/des x	
30-60 fc at bench/desk (offices)	CASEWORK/MILLWORK
isk Lighting X	Casework Type
arkenable or Dimmable	Fixed X
pecial Lighting	Flexible X
atural Daylight Preferred X	Casework Material Metal
	Countertop/ Benchtop Phenolic
ECURITY	Wall Cabinets or Shel ⁻ X
Locks	Tall Storage Cabinets
	Pegboard x
Card Access x	Cabinets Lockable



D1-10 **BIOCHEMISTRY, PHARMACOGENOMICS RESEARCH LABS**

UTILIZATION	PLUMBING	AV
Hours of Operation	Services in Room (indicate location *)	Distance Learning
8 hours/day	Laboratory Gas (LG) x	Video Conferencing
14 hours/day	Laboratory Vacuum (L x	Projection Surface
24 hours/day x	Laboratory Air (LA) x	Flat screen Monitors
	Carbon Dioxide (C0 ₂)	Power at Table
MECHANICAL	Compressed Air,100 p X	Data at Table
Temperature	Chilled Water (CHW S/R)	Lectern or Other
68°-75° ± 2°F	Nitrogen Gas (N ₂)	Markerboards X
72°F ± 2°F x	Helium (He)	
Other	Argon (Ar)	ARCHITECTURAL
Humidity	Oxygen (O2)	Walls/Partitions
50%- 25%± 5% x	Other	GWB, Paint
Uncontrolled	Sinks	GWB, Epoxy Pain x
Other < 50%	Standard x	Other
15 ACH (Min)	ADA X	Wall Protection
10 ACH (Min)	Scullery	Corner Guards x
6 ACH (Min) X	Services at Sink	Crash Rails
100% Make-up Air X	Hot Water (HW) x	Other
Recirculated Air	Cold Water (CW) x	Flooring
Air Pressure Positive	High Purity Water x	VCT/ Vinyl free tile
Air Pressure Negative X	Eyewash(EW) or Dren x	Sheet Vinyl x
Air Filtration at Supply or Exhaust	Floor Drain (FD) x	Concrete
Other	Floor Sink (FS)	Resinous/ Epoxy
	Safety Shower/Eyewash S X	Carpet
PROCESS EXHAUST/HOODS	Other	Other
Chemical Fume Hoods		Base
Type(Bench/Walk in (2	ELECTRICAL	4" Rubber
ADA	Electrical Raceway x	Integral w/floor x
Radioisotope or Perchloric Hood	110V, 20A, 1 Phase x	Ceiling
Biological Safety Cabinet 2	208V, 30A, 1 Phase x	Open
Laminar Flow Hood	208V, 30A, 3 Phase	Acoustic Tile x
Snorkel	480V, 100A, 3 Phase	Gyp. Board
Exhaust Port	Emergency/ Standby Pow X	Height 10'-0"
Canopy Hood	UPS (OFOI)	Doors
Other	Other	Size
		Туре
EQUIPMENT CRITERIA	LIGHTING	Vision Panel
Vibration Sensitivity/ Criteria	Lighting Level	Special Hardware or Seals
Light Sensitive	80-100 fc at bench/des x	opecial hardware of Seals
Heat or Vibration Producing	30-60 fc at bench/desk (offices)	CASEWORK/MILLWORK
Noise Producing	Task Lighting X	Casework Type
Other	Darkenable or Dimmable	Fixed X
	Special Lighting	Flexible X
SPECIAL REQUIREMENTS	Natural Daylight Preferred X	Casework Material Metal
Bio/Radioactive Hazard	Maturai Dayliynt Fleteneu X	Casework Material Metal Countertop/ Benchtop Phenoli
	SECURITY	Wall Cabinets or Shelv X
		Tall Storage Cabinets
	Looko	
RFI / EMI Shielding NC Acoustical Criteria	Locks Card Access x	Pegboard x

2-4 foot fume hoods, 1-Class II A2 BSC, 1-Class II B2 BSC htk High purity water provided by local unit Provide Markerboards

UTILIZATION		PLUMBING
Hours of Operation		Services in Room (indicate loca
8 hours/day		Laboratory Gas (LG)
14 hours/day		Laboratory Vacuum (L
24 hours/day	x	Laboratory Air (LA)
2		Carbon Dioxide (C0 ₂)
ECHANICAL		Compressed Air,100 p
emperature		Chilled Water (CHW S/R)
68°-75° ± 2°F		Nitrogen Gas (N ₂)
72°F ± 2°F	x	Helium (He)
Other		Argon (Ar)
lumidity		Oxygen (O2)
50%- 25%± 5%	×.	Other
Uncontrolled	X	Sinks
Other < 50%		Standard
5 ACH (Min)		ADA
10 ACH (Min)		Scullery
6 ACH (Min)	<u> </u>	Services at Sink
100% Make-up Air	X	Hot Water (HW)
Recirculated Air		Cold Water (CW)
Air Pressure Positive		High Purity Water
Air Pressure Negative	X	Eyewash(EW) or Dren
Air Filtration at Supply o	r Exhaust	Floor Drain (FD)
Other		Floor Sink (FS)
		Safety Shower/Eyewash S
PROCESS EXHAUST/H	IOODS	Other
Chemical Fume Hoods		
Type(Bench/Walk in	¢ 1	ELECTRICAL
ADA		Electrical Raceway
Radioisotope or Perchlo		110V, 20A, 1 Phase
Biological Safety Cabine	el <u>1</u>	208V, 30A, 1 Phase
_aminar Flow Hood		208V, 30A, 3 Phase
Snorkel		480V, 100A, 3 Phase
Exhaust Port		Emergency/ Standby Pow
anopy Hood		UPS (OFOI)
Other		Other
	4	LIGHTING
/ibration Sensitivity/ Cri		Lighting Level
_ight Sensitive		80-100 fc at bench/des
Heat or Vibration Produc	cing	30-60 fc at bench/desk (offic
Noise Producing	<u> </u>	Task Lighting
Other		Darkenable or Dimmable
		Special Lighting
SPECIAL REQUIREME		Natural Daylight Preferred
Bio/Radioactive Hazard		
RFI / EMI Shielding		SECURITY
NC Acoustical Criteria		Locks Card Access
REMARKS:		
1-4ft hoods, close pro	ximity to vivarium.	1-ClassII A2 BSC
High purity water prov	•	
Provide Markerboards	S	

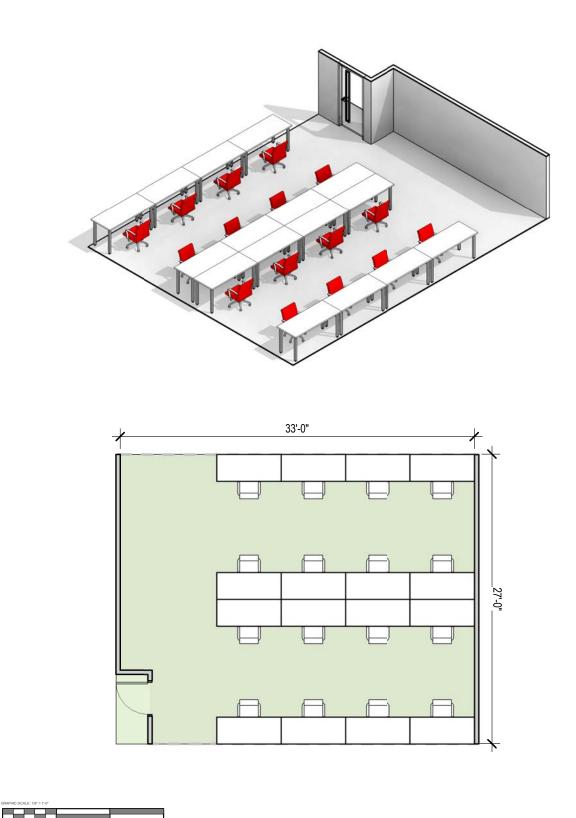
D1-11 FORMULATIONS, STABILITY STUDIES **RESEARCH LABS**

	AV	
a leastion *)		
e location *)	Distance Learning	
	Video Conferencing	
Х	Projection Surface	n
х	Flat screen Monitors	
	Power at Table	
Х	Data at Table	
/R)	Lectern or Other	
	Markerboards	Х
	ARCHITECTURAL	
	Walls/Partitions	
	GWB, Paint	
	GWB, Epoxy Pain	Х
<u>x</u>	Other	
Х	Wall Protection	
	Corner Guards	х
	Crash Rails	
х	Other	
х	Flooring	
х	VCT/ Vinyl free tile	e
х	Sheet Vinyl	х
	Concrete	
	Resinous/ Epoxy	
Х	Carpet	
	Other	
	Base	
	4" Rubber	
×	Integral w/floor	~
<u> </u>	Ceiling	Х
<u>x</u>	•	
х	Open	
	Acoustic Tile	х
<u> </u>	Gyp. Board	
Х	Height	10'-0"
	Doors	
	Size	
	Туре	
	Vision Panel	
	Special Hardware	or Seals
х		
offices)	CASEWORK/MILLWO	ORK
Х	Casework Type	
	Fixed	х
	Flexible	Х
х	Casework Material	Metal
	Countertop/ Benchtop	
	Wall Cabinets or Shel	
		^
	Tall Storage Cabinets	
х	Pegboard	х
	Cabinets Lockable	



hłk





UTILIZATION	PLUMBING
Hours of Operation	Services in Room (indicate lo
8 hours/day	Laboratory Gas (LG)
14 hours/day	Laboratory Vacuum (LV)
24 hours/day x	Laboratory Air (LA)
	Carbon Dioxide (C0 ₂)
MECHANICAL	Compressed Air,100 psi
Temperature	Chilled Water (CHW S/R
68°-75° ± 2°F	Nitrogen Gas (N ₂)
72°F ± 2°F x	Helium (He)
Other	Argon (Ar)
Humidity	Oxygen (O2)
50%-25%±5% x	Other
Uncontrolled	Sinks
Other < 50%	Standard
15 ACH (Min)	ADA
10 ACH (Min)	Scullery
6 ACH (Min)	Services at Sink
100% Make-up Air	Hot Water (HW)
Recirculated Air X	Cold Water (CW)
Air Pressure Positive X	High Purity Water
Air Pressure Negative	Eyewash(EW) or Drench
Air Filtration at Supply or Exhaust	Floor Drain (FD)
Other	Floor Sink (FS)
	Safety Shower/Eyewash Stat
PROCESS EXHAUST/HOODS	Other
Chemical Fume Hoods	
Type(Bench/Walk in etc.)	ELECTRICAL
ADA	Electrical Raceway
Radioisotope or Perchloric Hood	110V, 20A, 1 Phase
Biological Safety Cabinet	208V, 30A, 1 Phase
Laminar Flow Hood	208V, 30A, 3 Phase
Snorkel	480V, 100A, 3 Phase
Exhaust Port	Emergency/ Standby Pow
Canopy Hood	UPS (OFOI)
Other	Other
EQUIPMENT CRITERIA	LIGHTING
Vibration Sensitivity/ Criteria	Lighting Level
Light Sensitive	80-100 fc at bench/desk (l
Heat or Vibration Producing	30-60 fc at bench/desk
Noise Producing	Task Lighting
Other	Darkenable or Dimmable
	Special Lighting
SPECIAL REQUIREMENTS	Natural Daylight Preferred or
Bio/Radioactive Hazard	
RFI / EMI Shielding	SECURITY
NC Acoustical Criteria	Locks
	Card Access
REMARKS:	
8 workstations	
Markerboards	

D1-12 COMPUTATIONAL LAB RESEARCH LABS

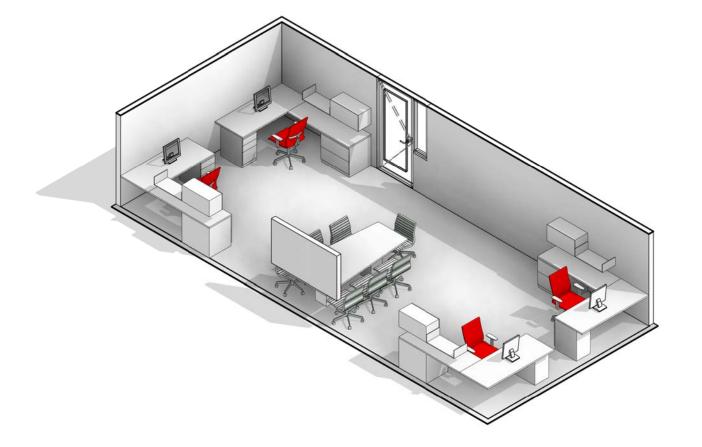
PLUMBING

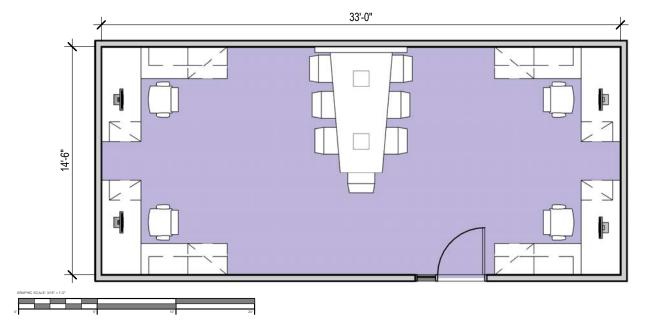
UTILIZATION

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	AV	
(indicate location *)	Distance Learning	
as (LG)	Video Conferencing	
acuum (LV)	Projection Surface	
·		V
r (LA)	Flat screen Monitors	X
de (C0 ₂)	Power at Table	Х
Air,100 p <u>si (CA)</u>	Data at Table	Х
r (CHW S/R)	Lectern or Other	
(N ₂)	Markerboards	Х
	_	
	ARCHITECTURAL	
	Walls/Partitions	
	GWB, Paint	Х
	GWB, Epoxy Paint	
	Other	
	Wall Protection	
	Corner Guards	
	Crash Rails	
W)	Other	
CW)	Flooring	
/ater	VCT/ Vinyl free tile	
) or Drench hose	Sheet Vinyl	
	Concrete	
	Resinous/ Epoxy	
ewash Station (SS)	Carpet	Х
	Other	Х
	Base	
		V
	4" Rubber	Х
ay x	Integral w/floor	
ise <u>x</u>	Ceiling	
ise	Open	
ise	Acoustic Tile	Х
nase	Gyp. Board	
dby Pow x	Height	10'-0"
	Doors	
	Size	
	Туре	
	Vision Panel	
	Special Hardware	or Seals
ench/desk (labs)		
nch/desk X	CASEWORK/MILLWO	PK
X		
	Casework Type	
mmable	Fixed	
	Flexible	
Preferred or not	Casework Material	
	Countertop/ Benchtop	
	Wall Cabinets or Shelv	es
	Tall Storage Cabinets	
x	Pegboard	
	Cabinets Lockable	







UTILIZATION	
Hours of Operation	
8 hours/day	
14 hours/day	
24 hours/day	Х
MECHANICAL	
Temperature	
68°-75° ± 2°F	
72°F ± 2°F	х
Other	
Humidity	
50%- 25%± 5%	х
Uncontrolled	
Other < 50%	
15 ACH (Min)	
10 ACH (Min)	
6 ACH (Min)	
100% Make-up Air	
Recirculated Air	Х
Air Pressure Positive	Х
Air Pressure Negative	
Air Filtration at Supply or	Exhaust

Laboratory Air (LA) Carbon Dioxide (C0₂) Compressed Air, 100 p Chilled Water (CHW S Nitrogen Gas (N₂) Helium (He) Argon (Ar) Oxygen (O2) Other Sinks Standard ADA Scullery Services at Sink Hot Water (HW) Cold Water (CW) High Purity Water Eyewash(EW) or Drend Floor Drain (FD) Floor Sink (FS) Safety Shower/Eyewash S Other

ELECTRICAL

LIGHTING

SECURITY

Locks Card Access

REMARKS:

Other

ADA

Snorkel

Other

Other

Exhaust Port

Canopy Hood

Light Sensitive

Noise Producing

PROCESS EXHAUST/HOODS

Radioisotope or Perchloric Hood

Chemical Fume Hoods Type(Bench/Walk in etc.)

Biological Safety Cabinet

EQUIPMENT CRITERIA

Vibration Sensitivity/ Criteria

Heat or Vibration Producing

SPECIAL REQUIREMENTS

Bio/Radioactive Hazard

RFI / EMI Shielding NC Acoustical Criteria

Laminar Flow Hood

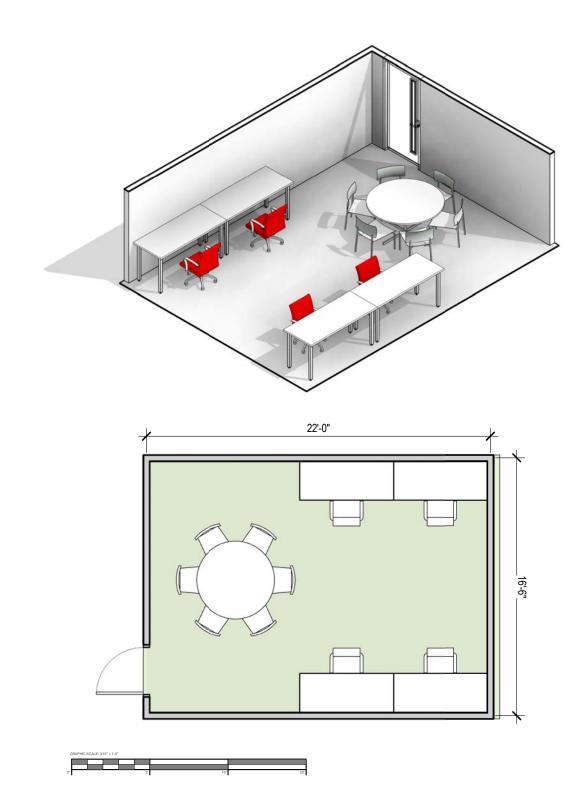
4 workstations

D1-13 **EPIDEMIOLOGY LAB RESEARCH LABS**

	AV
PLUMBING Services in Room (indicate location *)	Distance Learning
Laboratory Gas (LG)	Video Conferencing
Laboratory Vacuum (LV)	Projection Surface
Laboratory Air (LA)	Flat screen Monitors X
Carbon Dioxide (C0 ₂)	Power at Table X
Compressed Air, 100 psi (CA)	Data at Table X
Chilled Water (CHW S/R)	Lectern or Other
Nitrogen Gas (N_2)	Markerboards X
Helium (He)	
Argon (Ar)	ARCHITECTURAL
Oxygen (O2)	Walls/Partitions
Other	GWB, Paint X
Sinks	GWB, Epoxy Paint
Standard	Other
ADA	Wall Protection
Scullery	Corner Guards
Services at Sink	Crash Rails
Hot Water (HW)	Other
Cold Water (CW)	Flooring
High Purity Water	VCT/ Vinyl free tile
Eyewash(EW) or Drench hose	Sheet Vinyl
Floor Drain (FD)	Concrete
Floor Sink (FS)	Resinous/ Epoxy
Safety Shower/Eyewash Station (SS)	Carpet X
Other	Other
	Base
ELECTRICAL	4" Rubber X
Electrical Raceway x	Integral w/floor
,	integral transer
110V. 20A. 1 Phase x	Ceiling
110V, 20A, 1 Phase x	Ceiling Open
208V, 30A, 1 Phase	Open
208V, 30A, 1 Phase 208V, 30A, 3 Phase	Open Acoustic Tile x
208V, 30A, 1 Phase 208V, 30A, 3 Phase 480V, 100A, 3 Phase	Open Acoustic Tile x Gyp. Board
208V, 30A, 1 Phase 208V, 30A, 3 Phase 480V, 100A, 3 Phase Emergency/ Standby Powx	Open Acoustic Tile x Gyp. Board Height 10'-0"
208V, 30A, 1 Phase 208V, 30A, 3 Phase 480V, 100A, 3 Phase	Open Acoustic Tile x Gyp. Board
208V, 30A, 1 Phase 208V, 30A, 3 Phase 480V, 100A, 3 Phase Emergency/ Standby Pow X UPS (OFOI)	Open Acoustic Tile x Gyp. Board Height 10'-0" Doors Size
208V, 30A, 1 Phase 208V, 30A, 3 Phase 480V, 100A, 3 Phase Emergency/ Standby Pow X UPS (OFOI)	Open Acoustic Tile x Gyp. Board Height 10'-0" Doors
208V, 30A, 1 Phase 208V, 30A, 3 Phase 480V, 100A, 3 Phase Emergency/ Standby Pow x UPS (OFOI) Other LIGHTING	Open Acoustic Tile x Gyp. Board Height 10'-0" Doors Size Type Vision Panel
208V, 30A, 1 Phase 208V, 30A, 3 Phase 480V, 100A, 3 Phase Emergency/ Standby Pow VPS (OFOI) Other LIGHTING Lighting Level	Open Acoustic Tile x Gyp. Board Height 10'-0" Doors Size Type
208V, 30A, 1 Phase 208V, 30A, 3 Phase 480V, 100A, 3 Phase Emergency/ Standby Pow x UPS (OFOI) Other LIGHTING	Open Acoustic Tile x Gyp. Board Height 10'-0" Doors Size Type Vision Panel
208V, 30A, 1 Phase 208V, 30A, 3 Phase 480V, 100A, 3 Phase Emergency/ Standby Pow x UPS (OFOI) Other LightING Lighting Level 80-100 fc at bench/desk (labs)	Open Acoustic Tile x Gyp. Board Height 10'-0" Doors Size Type Vision Panel Special Hardware or Seals
208V, 30A, 1 Phase 208V, 30A, 3 Phase 480V, 100A, 3 Phase Emergency/ Standby Pow VPS (OFOI) Other Lighting Level 80-100 fc at bench/desk X	Open Acoustic Tile x Gyp. Board Height 10'-0" Doors Size Type Vision Panel Special Hardware or Seals CASEWORK/MILLWORK
208V, 30A, 1 Phase 208V, 30A, 3 Phase 480V, 100A, 3 Phase Emergency/ Standby Pow UPS (OFOI) Other Lighting Level 80-100 fc at bench/desk X Task Lighting X	Open Acoustic Tile x Gyp. Board Height 10'-0" Doors Size Type Vision Panel Special Hardware or Seals CASEWORK/MILLWORK Casework Type
208V, 30A, 1 Phase 208V, 30A, 3 Phase 480V, 100A, 3 Phase Emergency/ Standby Pow x UPS (OFOI) Other Lighting Level 80-100 fc at bench/desk (labs) 30-60 fc at bench/desk X Task Lighting X Darkenable or Dimmable	Open Acoustic Tile x Gyp. Board Height 10'-0" Doors Size Type Vision Panel Special Hardware or Seals CASEWORK/MILLWORK Casework Type Fixed
208V, 30A, 1 Phase 208V, 30A, 3 Phase 480V, 100A, 3 Phase Emergency/ Standby Pow x UPS (OFOI) Other Lighting Level 80-100 fc at bench/desk (labs) 30-60 fc at bench/desk X Task Lighting X Darkenable or Dimmable Special Lighting	Open Acoustic Tile x Gyp. Board Height 10'-0" Doors Size Type Vision Panel Special Hardware or Seals CASEWORK/MILLWORK Casework Type Fixed Flexible
208V, 30A, 1 Phase 208V, 30A, 3 Phase 480V, 100A, 3 Phase Emergency/ Standby Pow x UPS (OFOI) Other Lighting Level 80-100 fc at bench/desk (labs) 30-60 fc at bench/desk X Task Lighting X Darkenable or Dimmable Special Lighting	Open Acoustic Tile x Gyp. Board Height 10'-0" Doors Size Type Vision Panel Special Hardware or Seals CASEWORK/MILLWORK Casework Type Fixed Flexible Casework Material
208V, 30A, 1 Phase 208V, 30A, 3 Phase 480V, 100A, 3 Phase Emergency/ Standby Pow x UPS (OFOI) Other Lighting Level 80-100 fc at bench/desk (labs) 30-60 fc at bench/desk X Task Lighting X Darkenable or Dimmable Special Lighting natural Daylight Preferred or not	Open Acoustic Tile x Gyp. Board Height 10'-0" Doors Size Type Vision Panel Special Hardware or Seals CASEWORK/MILLWORK Casework Type Fixed Flexible Casework Material Countertop/ Benchtop
208V, 30A, 1 Phase 208V, 30A, 3 Phase 480V, 100A, 3 Phase Emergency/ Standby Pow x UPS (OFOI) Other Lighting Level 80-100 fc at bench/desk (labs) 30-60 fc at bench/desk X Task Lighting X Darkenable or Dimmable Special Lighting Natural Daylight Preferred or not SECURITY	Open x Acoustic Tile x Gyp. Board
208V, 30A, 1 Phase 208V, 30A, 3 Phase 480V, 100A, 3 Phase Emergency/ Standby Pow x UPS (OFOI) Other Lighting Level 80-100 fc at bench/desk (labs) 30-60 fc at bench/desk X Task Lighting X Darkenable or Dimmable Special Lighting Natural Daylight Preferred or not SECURITY Locks	Open x Acoustic Tile x Gyp. Board
208V, 30A, 1 Phase 208V, 30A, 3 Phase 480V, 100A, 3 Phase Emergency/ Standby Pow x UPS (OFOI) Other Lighting Level 80-100 fc at bench/desk (labs) 30-60 fc at bench/desk X Task Lighting X Darkenable or Dimmable Special Lighting Natural Daylight Preferred or not SECURITY Locks	Open Acoustic Tile x Gyp. Board Height 10'-0" Doors Size Type Vision Panel Special Hardware or Seals CASEWORK/MILLWORK Casework Type Fixed Flexible Casework Material Countertop/ Benchtop Wall Cabinets or Shelves Tall Storage Cabinets Pegboard







D1-14 NURSING COMMUNITY RESEARCH RESEARCH LABS

UTILIZATION		PLUMBING	AV
Hours of Operation		Services in Room (indicate locatio	
8 hours/day		Laboratory Gas (LG)	Video Conferencing
14 hours/day		Laboratory Vacuum (L <u>V)</u>	Projection Surface
24 hours/day	х	Laboratory Air (LA)	Flat screen Monitors X
		Carbon Dioxide (C0 ₂)	Power at Table X
MECHANICAL		Compressed Air,100 psi (CA)	Data at Table X
Temperature		Chilled Water (CHW S/R)	Lectern or Other
68°-75° ± 2°F		Nitrogen Gas (N ₂)	Markerboards X
72°F ± 2°F	х	Helium (He)	
Other		Argon (Ar)	ARCHITECTURAL
Humidity		Oxygen (O2)	Walls/Partitions
50%- 25%± 5%	х	Other	GWB, Paint X
Uncontrolled		Sinks	GWB, Epoxy Paint
Other < 50%		Standard	Other
15 ACH (Min)		ADA	Wall Protection
10 ACH (Min)		Scullery	Corner Guards
6 ACH (Min)		Services at Sink	Crash Rails
100% Make-up Air		Hot Water (HW)	Other
Recirculated Air	Х	Cold Water (CW)	Flooring
Air Pressure Positive	Х	High Purity Water	VCT/ Vinyl free tile
Air Pressure Negative		Eyewash(EW) or Drench hose	Sheet Vinyl
Air Filtration at Supply or E	xhaust	Floor Drain (FD)	Concrete
Other		Floor Sink (FS)	Resinous/ Epoxy
		Safety Shower/Eyewash Station (S	SS) Carpet X
PROCESS EXHAUST/HO	DDS	Other	Other
Chemical Fume Hoods			Base
Type(Bench/Walk in etc	:.)	ELECTRICAL	4" Rubber X
ADA		Electrical Raceway x	
Radioisotope or Perchloric	Hood	110V, 20A, 1 Phase x	
Biological Safety Cabinet		208V, 30A, 1 Phase	Open
Laminar Flow Hood		208V, 30A, 3 Phase	Acoustic Tile x
Snorkel		480V, 100A, 3 Phase	Gyp. Board
Exhaust Port		Emergency/ Standby Power	Height 10'-0"
Canopy Hood		UPS (OFOI)	Doors
Other		Other	Size
			Type
EQUIPMENT CRITERIA		LIGHTING	Vision Panel
Vibration Sensitivity/ Criteri	2	Lighting Level	Special Hardware or Seals
Light Sensitive	a	80-100 fc at bench/desk (labs)	Special Hardware of Seals
Heat or Vibration Producing		30-60 fc at bench/desk X	CASEWORK/MILLWORK
	<u> </u>		
Noise Producing		Task Lighting X Darkenable or Dimmable	Casework Type
Juner			
	•	Special Lighting	Flexible
SPECIAL REQUIREMENT	3	Natural Daylight Preferred <u>or not</u>	Casework Material
Bio/Radioactive Hazard		OF OUDITY	Countertop/ Benchtop
RFI / EMI Shielding		SECURITY	Wall Cabinets or Shelves
NC Acoustical Criteria		Locks	Tall Storage Cabinets
_		Card Access x	
			Cabinets Lockable
REMARKS:			



D1-15 NMR LAB/SUPPORT **RESEARCH LABS**

UTILIZATION	PLUMBING	AV
Hours of Operation	Services in Room (indicate location *)	Distance Learning
8 hours/day	Laboratory Gas (LG)	Video Conferencing
14 hours/day	Laboratory Vacuum (L x	Projection Surface
24 hours/day x	Laboratory Air (LA) x	Flat screen Monitor
	Carbon Dioxide (C0 ₂)	Power at Table
MECHANICAL	Compressed Air,100 p X	Data at Table
Temperature	Chilled Water (CHW S/R)	Lectern or Other
68°-75° ± 2°F	Nitrogen Gas (N ₂)	Markerboards
72°F ± 2°F x	Helium (He)	
Other	Argon (Ar)	ARCHITECTURAL
Humidity	Oxygen (O2)	Walls/Partitions
50%-25%±5% x	Other	GWB, Paint
Uncontrolled	Sinks	GWB, Epoxy P
Other < 50%	Standard	Other
15 ACH (Min)	ADA	Wall Protection
10 ACH (Min)	Scullery	Corner Guards
6 ACH (Min) X	Services at Sink	Crash Rails
100% Make-up Air X	Hot Water (HW)	Other
Recirculated Air	Cold Water (CW)	Flooring
Air Pressure Positive	High Purity Water	VCT/ Vinyl free
Air Pressure Negative X	Eyewash(EW) or Drench hose	Sheet Vinyl
Air Filtration at Supply or Exhaust	Floor Drain (FD)	Concrete
Other	Floor Sink (FS)	Resinous/ Epo:
	Safety Shower/Eyewash S X	Carpet
PROCESS EXHAUST/HOODS	Other	Other
Chemical Fume Hoods		Base
Type(Bench/Walk in etc.)	ELECTRICAL	4" Rubber
ADA	Electrical Raceway x	Integral w/floor
Radioisotope or Perchloric Hood	110V, 20A, 1 Phase x	Ceiling
Biological Safety Cabinet	208V, 30A, 1 Phase x	Open
Laminar Flow Hood	208V, 30A, 3 Phase	Acoustic Tile
Snorkel	480V, 100A, 3 Phase	Gyp. Board
Exhaust Port	Emergency/ Standby Pow X	Height
Canopy Hood	UPS (OFOI)	Doors
Other	Other	Size
		Туре
EQUIPMENT CRITERIA	LIGHTING	Vision Panel
Vibration Sensitivity/ Crite X	Lighting Level	Special Hardwa
Light Sensitive	80-100 fc at bench/des X	
Heat or Vibration Produc X	30-60 fc at bench/desk (offices)	CASEWORK/MILL
Noise Producing	Task Lighting X	Casework Type
Other	Darkenable or Dimmable	Fixed
	Special Lighting	Flexible
	Natural Daylight Preferred x	Casework Material
SPECIAL REQUIREMENTS	Natural Daylight Teleffed	
SPECIAL REQUIREMENTS Bio/Radioactive Hazard		Countertop/ Bencht
SPECIAL REQUIREMENTS Bio/Radioactive Hazard RFI / EMI Shielding X	SECURITY	Countertop/ Bencht Wall Cabinets or St
Bio/Radioactive Hazard		
Bio/Radioactive Hazard RFI / EMI Shielding X	SECURITY	Wall Cabinets or Sh

3		AV
Room (indicate I	ocation *)	Distan
tory Gas (LG)	-	Video
tory Vacuum (L	х	Project
tory Air (LA)	х	Flat sc
Dioxide (C0 ₂)		Power
essed Air,100 p	Х	Data a
Water (CHW S/R	()	Lecter
n Gas (N ₂)		Marke
(He)		
Ar)		ARCH
n (O2)		Walls/
		G١
		GV
rd		Ot
		Wall P
/		Co
Sink		Cra
iter (HW)		Ot
ater (CW)		Floorin
urity Water		VC

ata at Table	
ectern or Other	
arkerboards	Х
RCHITECTURAL	
alls/Partitions	
GWB, Paint	
GWB, Epoxy Pain	Х
Other	
all Protection	
Corner Guards	х
Crash Rails	
Other	
ooring	
VCT/ Vinyl free tile	9
Sheet Vinyl	Х
Concrete	
Resinous/ Epoxy	
Carpet	
Other	
ase	
4" Rubber	
Integral w/floor	х
eiling	
Open	
Acoustic Tile	х
Gyp. Board	
Height	10'-0"
DOIS	
Size	
Туре	
Vision Panel	
Special Hardware	or Seals
ASEWORK/MILLWO	DRK
asework Type	
Fixed	
Flexible	X

ustic Tile	х
. Board	
ght	10'-0"
•	
e	
on Panel	
cial Hardware	or Seals
ORK/MILLWO	ORK
rk Type	
d	
ible	Х
rk Material	Metal
top/ Benchtop	Phenolic
binets or Shel	Х
age Cabinets	
d	

To match existing lab in building 220. May remain in building 220

REMARKS:

h+k

UTILIZATION		PLUMBING
Hours of Operation		Services in Room (indicate loca
8 hours/day		Laboratory Gas (LG)
14 hours/day		Laboratory Vacuum (L
24 hours/day	х	Laboratory Air (LA)
		Carbon Dioxide (C0 ₂)
MECHANICAL		Compressed Air,100 p
Temperature		Chilled Water (CHW S/R)
68°-75° ± 2°F		Nitrogen Gas (N ₂)
72°F ± 2°F	х	Helium (He)
Other		Argon (Ar)
Humidity		Oxygen (O2)
50%- 25%± 5%	х	Other
Uncontrolled		Sinks
Other < 50%		Standard
15 ACH (Min)		ADA
10 ACH (Min)	-	Scullery
6 ACH (Min)	Х	Services at Sink
100% Make-up Air	Х	Hot Water (HW)
Recirculated Air		Cold Water (CW)
Air Pressure Positive	-	High Purity Water
Air Pressure Negative	Х	Eyewash(EW) or Dren
Air Filtration at Supply or	Exhaust	Floor Drain (FD)
Other		Floor Sink (FS)
	-	Safety Shower/Eyewash S
PROCESS EXHAUST/H	OODS	Other
Chemical Fume Hoods		
Type(Bench/Walk in e	2	ELECTRICAL
ADA		Electrical Raceway
Radioisotope or Perchlor	ic Hood	110V, 20A, 1 Phase
Biological Safety Cabine	t	208V, 30A, 1 Phase

	58
PROCESS EXHAUST/HOODS	O
Chemical Fume Hoods	
Type(Bench/Walk in € 2	EL
ADA	El
Radioisotope or Perchloric Hood	11
Biological Safety Cabinet	20
Laminar Flow Hood	20
Snorkel	48
Exhaust Port	Er

Hot Water (HW)
Cold Water (CW)
High Purity Water
Eyewash(EW) or I
Floor Drain (FD)
Floor Sink (FS)
Safety Shower/Eyewa
Other
ELECTRICAL
Electrical Raceway
110V 20A 1 Phase

Electrical Raceway
110V, 20A, 1 Phase
208V, 30A, 1 Phase
208V, 30A, 3 Phase
480V, 100A, 3 Phase
Emergency/ Standby I
UPS (OFOI)
Other

LIGHTING

Lighting Level

Task Lighting

Special Lighting

Vibration Sensitivity/ Criteria Light Sensitive Heat or Vibration Producing Noise Producing

SPECIAL	REQUI	REMENTS
---------	-------	---------

Bio/Radioactive Hazard RFI / EMI Shielding NC Acoustical Criteria

SECURITY Locks Card Access

Darkenable or Dimmable

Natural Daylight Preferred

REMARKS:

Other

Other

Canopy Hood

High purity water provided by local unit

D1-16 NURSING WET LAB **RESEARCH LABS**

PLUMBING	AV
Services in Room (indicate location *)	Distance Learning
Laboratory Gas (LG)	Video Conferencing
Laboratory Vacuum (L x	Projection Surface
Laboratory Air (LA) x	Flat screen Monitors
Carbon Dioxide (C0 ₂)	Power at Table
Compressed Air,100 p X	Data at Table
Chilled Water (CHW S/R)	Lectern or Other
Nitrogen Gas (N_2)	Markerboards X
Helium (He)	<u></u>
Argon (Ar)	ARCHITECTURAL
Oxygen (O2)	Walls/Partitions
Other	GWB, Paint
Sinks	GWB, Epoxy Pain x
Standard x	Other
ADA X	Wall Protection
Scullery	Corner Guards x
Services at Sink	Crash Rails
Hot Water (HW) x	Other
Cold Water (CW) x	Flooring
High Purity Water x	VCT/ Vinyl free tile
Eyewash(EW) or Dren x	Sheet Vinyl x
Floor Drain (FD)	Concrete
Floor Sink (FS)	Resinous/ Epoxy
Safety Shower/Eyewash S X	Carpet
Other	Other
	Base
LECTRICAL	4" Rubber
Electrical Raceway x	Integral w/floor x
10V, 20A, 1 Phase x	Ceiling
08V, 30A, 1 Phase x	Open
08V, 30A, 3 Phase	Acoustic Tile x
80V, 100A, 3 Phase	Gyp. Board
Emergency/ Standby Pow X	Height 10'-0"
JPS (OFOI)	Doors
Dther	Size
	Туре
IGHTING	Vision Panel
IGHTING ighting Level	Vision Panel Special Hardware or Seals
ighting Level	
ighting Level 80-100 fc at bench/des x	Special Hardware or Seals
ighting Level 80-100 fc at bench/des <u>x</u> 30-60 fc at bench/desk <u>(offices)</u>	Special Hardware or Seals
ighting Level 80-100 fc at bench/des 30-60 fc at bench/desk (offices) ask Lighting X	Special Hardware or Seals CASEWORK/MILLWORK Casework Type
ighting Level 80-100 fc at bench/des 30-60 fc at bench/desk (offices) ask Lighting X Darkenable or Dimmable Special Lighting	Special Hardware or Seals CASEWORK/MILLWORK Casework Type Fixed X
ighting Level 80-100 fc at bench/des 30-60 fc at bench/desk (offices) ask Lighting X Darkenable or Dimmable Special Lighting	Special Hardware or Seals CASEWORK/MILLWORK Casework Type Fixed X Flexible X
ighting Level 80-100 fc at bench/des 30-60 fc at bench/desk (offices) ask Lighting X Darkenable or Dimmable Special Lighting	Special Hardware or Seals CASEWORK/MILLWORK Casework Type Fixed X Flexible X Casework Material Metal
ighting Level 80-100 fc at bench/des x 30-60 fc at bench/desk (offices) Task Lighting X Darkenable or Dimmable Special Lighting latural Daylight Preferred x	Special Hardware or Seals CASEWORK/MILLWORK Casework Type Fixed X Flexible X Casework Material Countertop/ Benchtop Phenolic
ighting Level 80-100 fc at bench/des x 30-60 fc at bench/desk (offices) Task Lighting X Darkenable or Dimmable Special Lighting latural Daylight Preferred x SECURITY	Special Hardware or Seals CASEWORK/MILLWORK Casework Type Fixed X Flexible X Casework Material Countertop/ Benchtop Phenolic Wall Cabinets or Shely X
ighting Level 80-100 fc at bench/des x 30-60 fc at bench/desk (offices) Task Lighting X Darkenable or Dimmable Special Lighting latural Daylight Preferred x SECURITY Locks	Special Hardware or Seals CASEWORK/MILLWORK Casework Type Fixed X Flexible X Casework Material Metal Countertop/ Benchtop Phenolic Wall Cabinets or Sheh X Tall Storage Cabinets



D1-17 NURSING WET LAB PREP/SUPPORT **RESEARCH LABS**

PLUMBING

UTILIZATION

Hours of Operation 8 hours/day 14 hours/day 24 hours/day

MECHANICAL	
Temperature	

remperature	
68°-75° ± 2°F	
72°F ± 2°F	Х
Other	
Humidity	
50%- 25%± 5%	х
Uncontrolled	
Other < 50%	
15 ACH (Min)	
10 ACH (Min)	
6 ACH (Min)	Х
100% Make-up Air	Х
Recirculated Air	
Air Pressure Positive	
Air Pressure Negative	Х
Air Filtration at Supply or	Exhaust
Othor	

PROCESS EXHAUST/HOODS

Chemical Fume Hoods	
Type(Bench/Walk in	
ADA	
Radioisotope or Perchloric Hood	
Biological Safety Cabinet	
Laminar Flow Hood	
Snorkel	
Exhaust Port	
Canopy Hood	
Other	

EQUIPMENT CRITERIA

Vibration Sensitivity/ Criteria
Light Sensitive
Heat or Vibration Producing
Noise Producing
Other

SPECIAL REQUIREMENTS

REMARKS:

Bio/Radioactive Hazard RFI / EMI Shielding NC Acoustical Criteria

High purity water provided by local unit

	Laboratory Vacuum (L
х	Laboratory Air (LA)
	Carbon Dioxide (C0 ₂)
	Compressed Air,100 p
	Chilled Water (CHW S/R)
	Nitrogen Gas (N ₂)
х	Helium (He)
	Argon (Ar)
	Oxygen (O2)
х	Other
	Sinks
	Standard
	ADA
	Scullery
Х	Services at Sink
Х	Hot Water (HW)
	Cold Water (CW)
	High Purity Water
Х	Eyewash(EW) or Dren
Exhaust	Floor Drain (FD)

Helium (He)	
Argon (Ar)	
Oxygen (O2)	
Other	

Services in Room (indicate location *)

x

Х

Laboratory Gas (LG)

lard	X
	Х
ery	
at Sink	
Vater (HW)	х
Water (CW)	х
Purity Water	х

Eyewash(EW) of Diel	X
Floor Drain (FD)	
Floor Sink (FS)	
Safety Shower/Eyewash S	Х
Other	

ELECTRICAL	
Electrical Raceway	x
110V, 20A, 1 Phase	x
208V, 30A, 1 Phase	х
208V, 30A, 3 Phase	
480V, 100A, 3 Phase	

Other	
LIGHTING	
Lighting Level	
80-100 fc at bench/des	

Emergency/ Standby Pow

UPS (OFOI)

ou- tou to at bench/des	X
30-60 fc at bench/desk	(offices)
Task Lighting	Х
Darkenable or Dimmable	
Special Lighting	

, ,	
SECURITY	
OLOONITT	

Card Access

Task Lighting	X
Darkenable or Dimmable	
Special Lighting	
Natural Daylight Preferred	Х

Locks

Projection Surface	
Flat screen Monitors	
Power at Table	
Data at Table	
Lectern or Other	
Markerboards	X
ARCHITECTURAL	
Walls/Partitions	
GWB, Paint	
GWB, Epoxy Pair	
Other	
Wall Protection	
Corner Guards	×
Crash Rails	X
Other	
Flooring	
VCT/ Vinyl free til	
Sheet Vinyl	Х
Concrete	
Resinous/ Epoxy	
Carpet	
Other	
Base	
4" Rubber	
Integral w/floor	х
Ceiling	
Open	
Acoustic Tile	х
Gyp. Board	
Height	10'-0"
Doors	
Size	
Туре	
Vision Panel	
Special Hardware	or Seals
opeoial hardware	01 00015
CASEWORK/MILLW	OPK
Casework Type	ONN
Fixed	v
	<u> </u>
Flexible	X
Casework Material	Metal
Countertop/ Benchtop	
Wall Cabinets or Shel	
Tall Storage Cabinets	
Pegboard	х
Cabinets Lockable	

n+k

lo h+

AV

Distance Learning

Video Conferencing

D1-18 **FREEZER ROOM RESEARCH LABS**

UTILIZATION

Hours of Operation	
8 hours/day	
14 hours/day	
24 hours/day	х
MECHANICAL	
Temperature	
68°-75° ± 2°F	
72°F ± 2°F	х
Other	
Humidity	
50%- 25%± 5%	х
Uncontrolled	
Other < 50%	
15 ACH (Min)	
10 ACH (Min)	
6 ACH (Min)	
100% Make-up Air	х
Recirculated Air	
Air Pressure Positive	
Air Pressure Negative	
Air Filtration at Supply or	Exhaust
Other	
PROCESS EXHAUST/H	OODS
Chemical Fume Hoods	
Type(Bench/Walk in e	etc.)
ADA	
Radioisotope or Perchlor	
Biological Safety Cabinet	l
Laminar Flow Hood	
Snorkel	
Exhaust Port	
Canopy Hood	
Other	
EQUIPMENT CRITERIA	
Vibration Sonsitivity/ Crite	orio

Canopy Hood Other	
EQUIPMENT CRITERIA	
Vibration Sensitivity/ Criteria	
Light Sensitive	
Heat or Vibration Produc	

Light Sensitive	
Heat or Vibration Produc	
Noise Producing	

bration	Proc	luc	
ducing			

SPECIAL REQUIREMENTS Bio/Radioactive Hazard RFI / EMI Shielding

NC Acoustical Criteria

Darkenable or Dimmable
Special Lighting
Natural Daylight Preferred or
SECURITY
Locks

Card Access

PLUMBING

Services in Room (indicate

Oxygen (O2) Other Sinks

Services at Sink

Floor Drain (FD)

Floor Sink (FS)

ELECTRICAL

UPS (OFOI)

LIGHTING

Lighting Level

Task Lighting

Other

Electrical Raceway

110V, 20A, 1 Phase

208V, 30A, 1 Phase

208V, 30A, 3 Phase

480V, 100A, 3 Phase

Emergency/ Standby Pow

Other

Safety Shower/Eyewash S

REMARKS:

Other

Southern Illinois University Edwardsville | Health Science Center | Program Document

х

122	e

UMBING	AV
ervices in Room (indicate location *)	Distance Learning
Laboratory Gas (LG)	Video Conferencing
Laboratory Vacuum (LV)	Projection Surface
Laboratory Air (LA)	Flat screen Monitors
Carbon Dioxide (C0 ₂)	Power at Table
Compressed Air,100 psi (CA)	Data at Table
Chilled Water (CHW S/R)	Lectern or Other
Nitrogen Gas (N ₂)	Markerboards X
Helium (He)	
Argon (Ar)	ARCHITECTURAL
Oxygen (O2)	Walls/Partitions
Other	GWB, Paint
nks	GWB, Epoxy Pain x
Standard	Other
ADA	Wall Protection
Scullery	Corner Guards x
ervices at Sink	Crash Rails x
Hot Water (HW)	Other
Cold Water (CW)	Flooring
High Purity Water	VCT/ Vinyl free tile
Eyewash(EW) or Drench hose	Sheet Vinyl x
por Drain (FD)	Concrete
por Sink (FS)	Resinous/ Epoxy
afety Shower/Eyewash S x	Carpet
her	Other
	Base
ECTRICAL	4" Rubber
ectrical Raceway x	Integral w/floor x
0V, 20A, 1 Phase x	Ceiling
8V, 30A, 1 Phase	Open
8V, 30A, 3 Phase x	Acoustic Tile
0V, 100A, 3 Phase x	Gyp. Board x
nergency/ Standby Pow at freezers	Height 10'-0"
PS (OFOI)	Doors
her	Size
	Туре
GHTING	Vision Panel
ghting Level	Special Hardware or Seals
80-100 fc at bench/des x	
30-60 fc at bench/desk (offices)	CASEWORK/MILLWORK
isk Lighting	Casework Type
arkenable or Dimmable	Fixed
pecial Lighting	Flexible x
atural Daylight Preferred or not	Casework Material Metal
	Countertop/ Benchtop Epoxy
ECURITY	Wall Cabinets or Shelves
Locks	Tall Storage Cabinets
Card Access x	Pegboard x
	Cabinets Lockable



D1-19 AUTOCLAVE/GLASSWARE WASH ROOM **RESEARCH LABS**

UTILIZATION	PLUMBING	AV
Hours of Operation	Services in Room (indicate location *)	Distance Learning
8 hours/day	Laboratory Gas (LG)	Video Conferencing
14 hours/day	Laboratory Vacuum (LV)	Projection Surface
24 hours/day x	Laboratory Air (LA)	Flat screen Monitors
	Carbon Dioxide (C0 ₂)	Power at Table
MECHANICAL	Compressed Air,100 p x	Data at Table
Temperature	Chilled Water (CHW S/R)	Lectern or Other
68°-75° ± 2°F	Nitrogen Gas (N ₂)	Markerboards X
72°F ± 2°F x	Helium (He)	
Other	Argon (Ar)	ARCHITECTURAL
Humidity	Oxygen (O2)	Walls/Partitions
50%-25%±5% x	Other	GWB, Paint
Uncontrolled	Sinks	GWB, Epoxy Pain x
Other < 50%	Standard	Other
15 ACH (Min)	ADA	Wall Protection
10 ACH (Min)	Scullery	Corner Guards x
6 ACH (Min)	Services at Sink	Crash Rails x
100% Make-up Air x	Hot Water (HW) x	Other
Recirculated Air	Cold Water (CW) x	Flooring
Air Pressure Positive	High Purity Water x	VCT/ Vinyl free tile
Air Pressure Negative	Eyewash(EW) or Dren x	Sheet Vinyl
Air Filtration at Supply or Exhaust	Floor Drain (FD) x	Concrete
Other	Floor Sink (FS) x	Resinous/ Epoxy x
	Safety Shower/Eyewash S x	Carpet
PROCESS EXHAUST/HOODS	Other	Other
Chemical Fume Hoods		Base
Type(Bench/Walk in etc.)	ELECTRICAL	4" Rubber
ADA	Electrical Raceway x	Integral w/floor x
Radioisotope or Perchloric Hood	110V, 20A, 1 Phase x	Ceiling
Biological Safety Cabinet	208V, 30A, 1 Phase	Open
Laminar Flow Hood	208V, 30A, 3 Phase x	Acoustic Tile
Snorkel	480V, 100A, 3 Phase x	Gyp. Board x
Exhaust Port	Emergency/ Standby Power	Height 10'-0"
Canopy Hood x	UPS (OFOI)	Doors
Other	Other	Size
		Туре
EQUIPMENT CRITERIA	LIGHTING	Vision Panel
Vibration Sensitivity/ Criteria	Lighting Level	Special Hardware or Seals
Light Sensitive	80-100 fc at bench/des x	
Heat or Vibration Produc x	30-60 fc at bench/desk (offices)	CASEWORK/MILLWORK
Noise Producing x	Task Lighting	Casework Type
Other	Darkenable or Dimmable	Fixed
	Special Lighting	Flexible x
SPECIAL REQUIREMENTS	Natural Daylight Preferred or not	Casework Material Stainless Steel
Bio/Radioactive Hazard		Countertop/ Benchtop
RFI / EMI Shielding	SECURITY	Wall Cabinets or Shelves
NC Acoustical Criteria	Locks	Tall Storage Cabinets
	Card Access x	Pegboard x
		Cabinets Lockable
REMARKS:		

Autoclave, glassware washer, ice machine. Provide service area with adequate clearances for maintainence o h+r

Slip resistant, thermal shock resistant polyurethane floor

and access into service area.

8 hours/day Laboratory Gas (LG) 14 hours/day Laboratory Vacuum 24 hours/day x 24 hours/day x Laboratory Vacuum Laboratory Vacuum 24 hours/day x MECHANICAL Carbon Dioxide (CD) Temperature Chilled Water (CHV) 68°-75° ± 2°F Nitrogen Gas (N ₂) 72°F ± 2°F X Humidity Oxygen (O2) 50% - 25%± 5% X Uncontrolled Sinks Other Argon (Ar) Uncontrolled Sinks 0ACH (Min) X 15 ACH (Min) X 10 ACH (Min) X 10 ACH (Min) X 10 ACH (Min) X Air Pressure Positive X Air Pressure Negative Eyewash(EW) or D Air Pressure Negative Floor Drain (FD) Air Filtration at Supply or Exhaust Floor Drain (FD) Other Floor Sink (FS) Safety Shower/Eyewash Other PROCESS EXHAUST/HOODS Other Chemical Fume Hoods Type		
8 hours/day Laboratory Gas (LG 14 hours/day Laboratory Vacuum 24 hours/day x 24 hours/day x Laboratory Vacuum Laboratory Vacuum 24 hours/day x MECHANICAL Carbon Dioxide (CO Temperature Chilled Water (CHV 68°-75° ± 2°F Nitrogen Gas (N ₂) 72°F ± 2°F X Other Argon (Ar) Humidity Oxygen (O2) 50% - 25%± 5% X Uncontrolled Sinks Other < 50% Standard 15 ACH (Min) ADA 10 ACH (Min) X Scullery Scullery 6 ACH (Min) X Air Pressure Positive X Air Pressure Negative Eyewash(EW) or D Air Filtration at Supply or Exhaust Floor Drain (FD) Other Floor Sink (FS) Safety Shower/Eyewask Other PROCESS EXHAUST/HOODS Other Chemical Fume Hoods Type(Bench/Walk in etc.)	UTILIZATION	PLUMBING
TemperatureChilled Water (CHV68°-75° ± 2°FX72°F ± 2°FXHumidityArgon (Ar)OtherArgon (Ar)HumidityOxygen (O2)50%- 25% ± 5%XUncontrolledSinksOther Sinks15 ACH (Min)ADA10 ACH (Min)X10 ACH (Min)X10 ACH (Min)X10 ACH (Min)X10 ACH (Min)Services at Sink100% Make-up AirXAir Pressure PositiveXAir Filtration at Supply or ExhaustFloor Drain (FD)OtherFloor Sink (FS)Safety Shower/EyewastOtherChemical Fume HoodsType(Bench/Walk in etc.)ELECTRICAL	8 hours/day 14 hours/day	Services in Room (indic Laboratory Gas (LG Laboratory Vacuum Laboratory Air (LA) Carbon Dioxide (C0
68°-75° ± 2°F Nitrogen Gas (N2) 72°F ± 2°F X Other Argon (Ar) Humidity Oxygen (O2) 50%- 25%± 5% X Uncontrolled Sinks Other Sinks Uncontrolled Sinks 0 ACH (Min) ADA 10 ACH (Min) X 6 ACH (Min) Services at Sink 100% Make-up Air X Hot Water (HW) Cold Water (CW) Air Pressure Positive X Air Filtration at Supply or Exhaust Floor Drain (FD) Other Safety Shower/Eyewast PROCESS EXHAUST/HOODS Other Chemical Fume Hoods Type(Bench/Walk in etc.)	MECHANICAL	Compressed Air,100
Humidity Oxygen (02) 50%- 25%± 5% X Uncontrolled Sinks Other < 50%	68°-75° ± 2°F 72°F ± 2°F <u>x</u>	Helium (He)
50%- 25%± 5% x Other Uncontrolled Sinks Other < 50%		• • • •
Uncontrolled Sinks Other < 50%	,	
Other < 50%		-
6 ACH (Min) Services at Sink 100% Make-up Air Hot Water (HW) Recirculated Air Cold Water (CW) Air Pressure Positive High Purity Water Air Pressure Negative Eyewash(EW) or D Air Filtration at Supply or Exhaust Floor Drain (FD) Other Floor Sink (FS) PROCESS EXHAUST/HOODS Other Chemical Fume Hoods Type(Bench/Walk in etc.)	Other < 50% 15 ACH (Min)	Standard ADA
100% Make-up Air X Hot Water (HW) Recirculated Air Cold Water (CW) Air Pressure Positive X Air Pressure Negative Eyewash(EW) or D Air Filtration at Supply or Exhaust Floor Drain (FD) Other Floor Sink (FS) Safety Shower/Eyewash Other Chemical Fume Hoods Type(Bench/Walk in etc.)		- /
Air Pressure Negative Eyewash(EW) or D Air Filtration at Supply or Exhaust Floor Drain (FD) Other Floor Sink (FS) Safety Shower/Eyewash Other Chemical Fume Hoods Type(Bench/Walk in etc.)	100% Make-up Air X Recirculated Air	Hot Water (HW) Cold Water (CW)
Air Filtration at Supply or Exhaust Floor Drain (FD) Other Floor Sink (FS) Safety Shower/Eyewash Other PROCESS EXHAUST/HOODS Other Chemical Fume Hoods Type(Bench/Walk in etc.) ELECTRICAL		- · ·
Other Floor Sink (FS) Safety Shower/Eyewash PROCESS EXHAUST/HOODS Other Chemical Fume Hoods Type(Bench/Walk in etc.) ELECTRICAL		
Chemical Fume Hoods Type(Bench/Walk in etc.) ELECTRICAL	Other	Floor Sink (FS) Safety Shower/Eyewash
Type(Bench/Walk in etc.) ELECTRICAL		Other
ADA Electrical Raceway		ELECTRICAL Electrical Raceway

PROCESS EXHAU

Other

Chemical Fume Hoo Type(Bench/Wal ADA Radioisotope or Perchloric Hood Biological Safety Cabinet Laminar Flow Hood Snorkel Exhaust Port Canopy Hood

EQUIPMENT CRITERIA

Vibration Sensitivity/ Criteria Light Sensitive Heat or Vibration Producing Noise Producing Other

SPECIAL REQUIREMENTS

Bio/Radioactive Hazard RFI / EMI Shielding NC Acoustical Criteria

REMARKS:

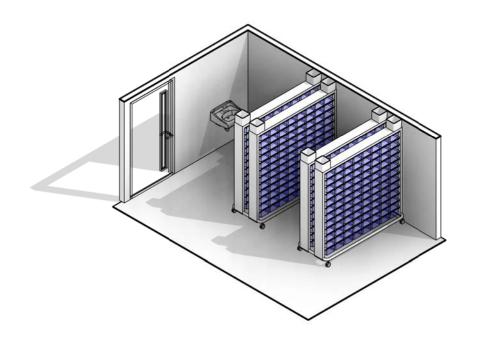
Provide cabinets for PPE storage, bench or stool, handwash sink, soiled PPE disposal.

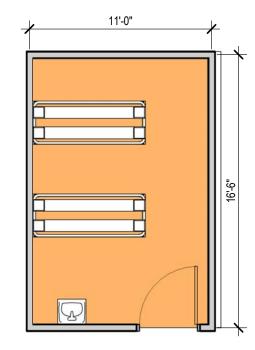
D2-2 **GOWN-IN ENTRY VESTIBULE** VIVARIUM

PLUMBING	AV	
Services in Room (indicate location *)	Distance Learning	
Laboratory Gas (LG)	Video Conferencing	
Laboratory Vacuum (LV)	Projection Surface	
Laboratory Air (LA)	Flat screen Monitors	
Carbon Dioxide (C0 ₂)	Power at Table	
Compressed Air,100 psi (CA)	Data at Table	
Chilled Water (CHW S/R)	Lectern or Other	
Nitrogen Gas (N_2)	Markerboards	
3 ()	Markerboards	
Helium (He)	ARCHITECTURAL	
Argon (Ar)		
Oxygen (O2)	Walls/Partitions	
Other	GWB, Paint	
Sinks	GWB, Epoxy Pain	х
Standard	Other	
ADA X	Wall Protection	
Scullery	Corner Guards	Х
Services at Sink	Crash Rails	Х
Hot Water (HW) X	Other	
Cold Water (CW) X	Flooring	
High Purity Water	VCT/ Vinyl free tile	
Eyewash(EW) or Drench hose	Sheet Vinyl	
Floor Drain (FD)	Concrete	
Floor Sink (FS)	Resinous/ Epoxy	Х
Safety Shower/Eyewash Station (SS)	Carpet	~
Other	Other	
Gulei	Base	
ELECTRICAL	4" Rubber	
Electrical Raceway	Integral w/floor	Х
110V, 20A, 1 Phase	Ceiling	^
208V, 30A, 1 Phase	•	
	Open Acoustic Tile	
208V, 30A, 3 Phase		N/
480V, 100A, 3 Phase	Gyp. Board	X
Emergency/ Standby Power	Height	10'-0"
UPS (OFOI)	Doors	
Other	Size	54" MIN
	Туре	
LIGHTING	Vision Panel	
Lighting Level	Special Hardware	Х
80-100 fc at bench/desk (labs)		
30-60 fc at bench/desk X	CASEWORK/MILLWOR	к
Task Lighting	Casework Type	
Darkenable or Dimmable	Fixed	
Special Lighting	Flexible	
Natural Daylight Preferred or not	Casework Material	
	Countertop/ Benchtop	
SECURITY	Wall Cabinets or Shelves	1
Locks	Tall Storage Cabinets	х
LOONS	Peqboard	^
Card Access X	Cabinets Lockable	

h-k







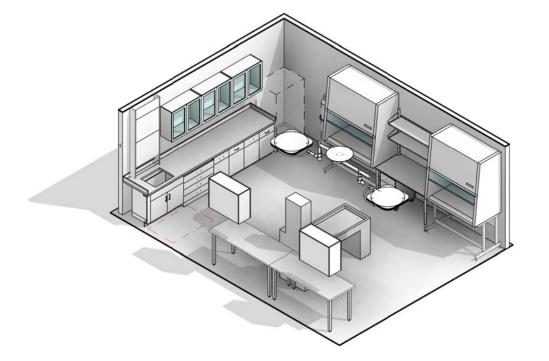


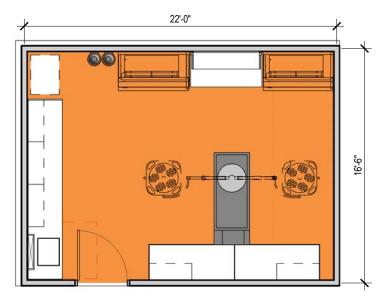
D2-3 HOLDING ROOM VIVARIUM

Services in Room (indicate Laboratory Gas (LG) Laboratory Vacuum (LV Laboratory Air (LA)
Laboratory Vacuum (LV
· · · · ·
Laboratory Air (LA)
Carbon Dioxide (C0 ₂)
Compressed Air,100 ps
Chilled Water (CHW S/
Nitrogen Gas (N ₂)
Helium (He)
Argon (Ar)
Oxygen (O2)
Other
Sinks
Standard
ADA –
Scullery
Services at Sink
Hot Water (HW)
Cold Water (CW)
High Purity Water
Eyewash(EW) or Drenc
Floor Drain (FD)
Floor Sink (FS)
Safety Shower/Eyewash Sta
Other
Other
ELECTRICAL
Electrical Raceway
110V, 20A, 1 Phase
208V, 30A, 1 Phase
208V, 30A, 3 Phase
480V, 100A, 3 Phase
Emergency/ Standby Pow
UPS (OFOI)
Other
LIGHTING
Lighting Level
80-100 fc at bench/des
30-60 fc at bench/desk (
Task Lighting
Darkenable or Dimmable
Special Lighting
Natural Daylight Preferred
OF OUDITY
SECURITY Locks
Card Access

	AV	
dicate location *)	Distance Learning	
.G)	Video Conferencing	
m (LV)	Projection Surface	
A)	Flat screen Monitors	
C0 ₂)	Power at Table	
100 psi (CA)	Data at Table	
IW S/R)	Lectern or Other	
)	Markerboards	
	—	
	ARCHITECTURAL	
	Walls/Partitions	
	GWB, Paint	
	GWB, Epoxy Pain	х
	Other	
Х	Wall Protection	
	Corner Guards	Х
	Crash Rails	Х
Х	Other	
Х	Flooring	
	VCT/ Vinyl free tile	
Drench hose	Sheet Vinyl	
Х	Concrete	
	Resinous/ Epoxy	Х
sh Station (SS)	Carpet	
	Other	
	Base	
	4" Rubber	
	Integral w/floor	Х
X	Ceiling	
<u> </u>	Open	
<u> </u>	Acoustic Tile	
~	Gyp. Board	Х
Pow X	Height	10'-0"
	Doors	
	Size	48"
	Type	
	Vision Panel	
	Special Hardware	Х
/des X	oposiai riai awale	~
desk (offices)	CASEWORK/MILLWOR	RK
	Casework Type	
ble	Fixed	
X	Flexible	
rred NO	Casework Material	
	Countertop/ Benchtop	
	Wall Cabinets or Shelve	<u> </u>
	Tall Storage Cabinets	3
X	Peqboard	
^	Cabinets Lockable	
	Capillets LUCKaple	









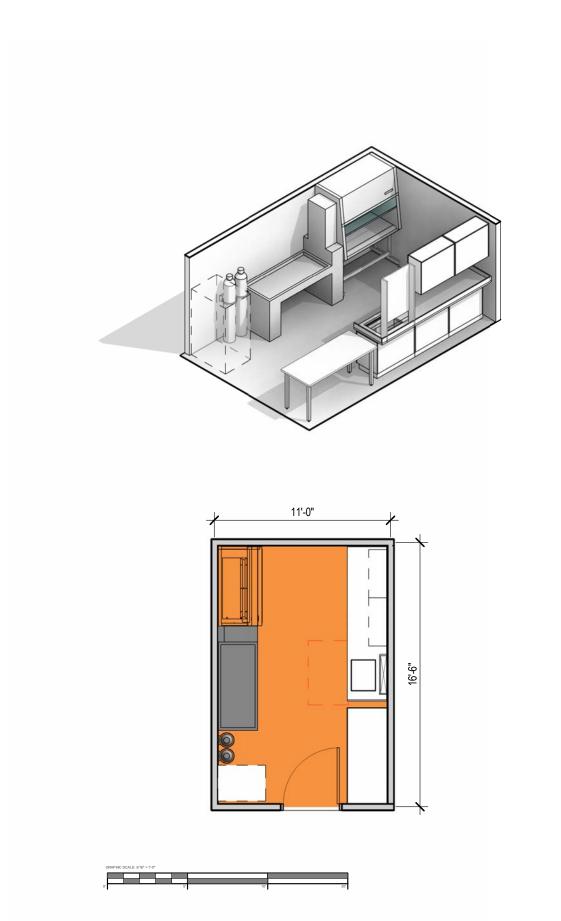
UTILIZATION	PLUMBING	AV
Hours of Operation	Services in Room (indicate location *)	Distance Learning
8 hours/day	Laboratory Gas (LG)	Video Conferencing
14 hours/day X	Laboratory Vacuum (L X	Projection Surface
24 hours/day	Laboratory Air (LA) X	Flat screen Monitor
	Carbon Dioxide (C0 ₂)	Power at Table
MECHANICAL	Compressed Air,100 psi (CA)	Data at Table
Temperature	Chilled Water (CHW S/R)	Lectern or Other
68°-75° ± 2°F	Nitrogen Gas (N ₂)	Markerboards
72°F ± 2°F x	Helium (He)	
Other	Argon (Ar)	ARCHITECTURAL
Humidity	Oxygen (O2)	Walls/Partitions
50%- 25%± 5% X	Other	GWB, Paint
Uncontrolled	Sinks	GWB, Epoxy P
Other < 50%	Standard X	Other
15 ACH (Min)	ADA	Wall Protection
10 ACH (Min) X	Scullery	Corner Guards
6 ACH (Min)	Services at Sink	Crash Rails
100% Make-up Air X	Hot Water (HW) X	Other
Recirculated Air	Cold Water (CW) X	Flooring
Air Pressure Positive X	High Purity Water X	VCT/ Vinyl free
Air Pressure Negative	Eyewash(EW) or Dren X	Sheet Vinyl
Air Filtration at Supply or Exhaust	Floor Drain (FD) X	Concrete
Other	Floor Sink (FS)	Resinous/ Epo:
	Safety Shower/Eyewash Station (SS)	Carpet
PROCESS EXHAUST/HOODS	Other	Other
Chemical Fume Hoods		Base
Type(Bench/Walk in <u>1</u>	ELECTRICAL	4" Rubber
ADA	Electrical Raceway X	Integral w/floor
Radioisotope or Perchloric Hood	110V, 20A, 1 Phase X	Ceiling
Biological Safety Cabine 1	208V, 30A, 1 Phase	Open
Laminar Flow Hood	208V, 30A, 3 Phase	Acoustic Tile
Snorkel	480V, 100A, 3 Phase	Gyp. Board
Exhaust Port	Emergency/ Standby Pow X	Height
Canopy Hood	UPS (OFOI)	Doors
Other	Other	Size
		Туре
EQUIPMENT CRITERIA	LIGHTING	Vision Panel
Vibration Sensitivity/ Crite VC-A	Lighting Level	Special Hardwa
Light Sensitive X	80-100 fc at bench/des X	
Heat or Vibration Producing	30-60 fc at bench/desk (offices)	CASEWORK/MILL
Noise Producing	Task Lighting	Casework Type
Other	Darkenable or Dimmable	Fixed
	Special Lighting X	Flexible
SPECIAL REQUIREMENTS	Natural Daylight Preferred NO	Casework Material
Bio/Radioactive Hazard	SURGICAL LIGHT BOOM	Countertop/ Bench
RFI / EMI Shielding	SECURITY	Wall Cabinets or SI
NC Acoustical Criteria	Locks	Tall Storage Cabine
	Card Access X	Pegboard
		Cabinets Lockable

D2-4 SURGICAL ROOM VIVARIUM

	AV	
indicate location *)	Distance Learning	
s (LG)	Video Conferencing	
uum (L <u>X</u>	Projection Surface	
(LA) X	Flat screen Monitors	
e (C0 ₂)	Power at Table	
ir,100 p <u>si (CA)</u>	Data at Table	
CHW S/R)	Lectern or Other	
N ₂)	Markerboards	
	ARCHITECTURAL	
	Walls/Partitions	
	GWB, Paint	
	GWB, Epoxy Pain	Х
Х	Other	
	Wall Protection	
	Corner Guards	Х
	Crash Rails	Х
') X	Other	
N) X	Flooring	
ter X	VCT/ Vinyl free tile	e
or Dren X	Sheet Vinyl	
X	Concrete	
	Resinous/ Epoxy	Х
wash Station (SS)	Carpet	
<u> </u>	Other	
	Base	
	4" Rubber	
Х	Integral w/floor	X
	Ceiling	X
	•	
e	Open	
e	Acoustic Tile	
se	Gyp. Board	X
by Pow X	Height	10'-0"
	Doors	
	Size	48"
	Туре	
	Vision Panel	
	Special Hardware	х
nch/des X		
h/desk (offices)	CASEWORK/MILLWO	ORK
	Casework Type	<u> </u>
mable	Fixed	Х
X	Flexible	Х
eferred NO	Casework Material	stainless steel
RGICAL LIGHT BOOM	Countertop/ Benchtop	stainless steel
	Wall Cabinets or Shel	stainless steel
	Tall Storage Cabinets	
Х	Pegboard	Х
	Cabinets Lockable	

h+k





D2-5 PROCEDURE ROOM VIVARIUM

		PLUMBING
Hours of Operation		Services in Room
8 hours/day		Laboratory G
14 hours/day	X	Laboratory V
24 hours/day		Laboratory A
		Carbon Dioxi
MECHANICAL		Compressed
Temperature		Chilled Wate
68°-75° ± 2°F		Nitrogen Gas
72°F ± 2°F	х	Helium (He)
Other		Argon (Ar)
Humidity		Oxygen (O2)
50%- 25%± 5%	х	Other
Uncontrolled		Sinks
Other < 50%		Standard
15 ACH (Min)		ADA
10 ACH (Min)	X	Scullery
6 ACH (Min)	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	Services at Sink
100% Make-up Air	X	Hot Water (H
	^	
Recirculated Air		Cold Water (
Air Pressure Positive	<u> </u>	High Purity W
Air Pressure Negative		Eyewash(EW
Air Filtration at Supply or	⁻ Exhaust	Floor Drain (FD)
Other		Floor Sink (FS)
		Safety Shower/E
PROCESS EXHAUST/H	OODS	Other
Chemical Fume Hoods		
Type(Bench/Walk in	etc.)	ELECTRICAL
ADA		Electrical Racewa
Radioisotope or Perchlor	ric Hood	110V, 20A, 1 Pha
Biological Safety Cabine	1 1	208V, 30A, 1 Pha
Laminar Flow Hood		208V, 30A, 3 Pha
Snorkel		480V, 100A, 3 Pł
SHUREI		Emergency/ Star
Exhaust Port		
Exhaust Port		UPS (OFOI)
		UPS (OFOI) Other
Exhaust Port Canopy Hood		. ,
Exhaust Port Canopy Hood		. ,
Exhaust Port Canopy Hood Other EQUIPMENT CRITERIA		Other LIGHTING
Exhaust Port Canopy Hood Other EQUIPMENT CRITERIA Vibration Sensitivity/ Crit		Other LIGHTING Lighting Level
Exhaust Port Canopy Hood Other EQUIPMENT CRITERIA Vibration Sensitivity/ Crit Light Sensitive	VC-A X	Other LIGHTING Lighting Level 80-100 fc at b
Exhaust Port Canopy Hood Other EQUIPMENT CRITERIA Vibration Sensitivity/ Crit Light Sensitive Heat or Vibration Produc	VC-A X	Other LIGHTING Lighting Level 80-100 fc at b 30-60 fc at be
Exhaust Port Canopy Hood Other EQUIPMENT CRITERIA Vibration Sensitivity/ Crit Light Sensitive Heat or Vibration Produc Noise Producing	VC-A X	Other LIGHTING Lighting Level 80-100 fc at be 30-60 fc at be Task Lighting
Exhaust Port Canopy Hood Other EQUIPMENT CRITERIA Vibration Sensitivity/ Crit Light Sensitive Heat or Vibration Produc	VC-A X	Other Lighting Level 80-100 fc at be 30-60 fc at be Task Lighting Darkenable or Di
Exhaust Port Canopy Hood Other EQUIPMENT CRITERIA Vibration Sensitivity/ Crit Light Sensitive Heat or Vibration Produc Noise Producing Other	VC-A X	Other Lighting Level 80-100 fc at be 30-60 fc at be Task Lighting Darkenable or Di Special Lighting
Exhaust Port Canopy Hood Other EQUIPMENT CRITERIA Vibration Sensitivity/ Crit Light Sensitive Heat or Vibration Produc Noise Producing Other SPECIAL REQUIREME	VC-A X	Other Lighting Level 80-100 fc at be 30-60 fc at be Task Lighting Darkenable or Di Special Lighting
Exhaust Port Canopy Hood Other EQUIPMENT CRITERIA Vibration Sensitivity/ Crit Light Sensitive Heat or Vibration Produc Noise Producing Other SPECIAL REQUIREME Bio/Radioactive Hazard	VC-A X	Other Lighting Level 80-100 fc at be 30-60 fc at be Task Lighting Darkenable or Di Special Lighting Natural Daylight I
Exhaust Port Canopy Hood Other EQUIPMENT CRITERIA Vibration Sensitivity/ Crit Light Sensitive Heat or Vibration Produc Noise Producing Other SPECIAL REQUIREME Bio/Radioactive Hazard RFI / EMI Shielding	VC-A X	Other Lighting Level 80-100 fc at be 30-60 fc at be Task Lighting Darkenable or Di Special Lighting
Exhaust Port Canopy Hood Other EQUIPMENT CRITERIA Vibration Sensitivity/ Crit Light Sensitive Heat or Vibration Produc Noise Producing Other SPECIAL REQUIREME Bio/Radioactive Hazard	VC-A X	Other LIGHTING Lighting Level 80-100 fc at be 30-60 fc at be Task Lighting Darkenable or Di Special Lighting Natural Daylight I SECURITY Locks
Exhaust Port Canopy Hood Other EQUIPMENT CRITERIA Vibration Sensitivity/ Crit Light Sensitive Heat or Vibration Produc Noise Producing Other SPECIAL REQUIREME Bio/Radioactive Hazard RFI / EMI Shielding	VC-A X	Other Lighting Level 80-100 fc at be 30-60 fc at be Task Lighting Darkenable or Di Special Lighting Natural Daylight I
Exhaust Port Canopy Hood Other EQUIPMENT CRITERIA Vibration Sensitivity/ Crit Light Sensitive Heat or Vibration Produc Noise Producing Other SPECIAL REQUIREME Bio/Radioactive Hazard RFI / EMI Shielding	VC-A X	Other LIGHTING Lighting Level 80-100 fc at be 30-60 fc at be Task Lighting Darkenable or Di Special Lighting Natural Daylight I SECURITY Locks
Exhaust Port Canopy Hood Other EQUIPMENT CRITERIA Vibration Sensitivity/ Crit Light Sensitive Heat or Vibration Produc Noise Producing Other SPECIAL REQUIREME Bio/Radioactive Hazard RFI / EMI Shielding	VC-A X	Other LIGHTING Lighting Level 80-100 fc at be 30-60 fc at be Task Lighting Darkenable or Di Special Lighting Natural Daylight I SECURITY Locks
Exhaust Port Canopy Hood Other EQUIPMENT CRITERIA Vibration Sensitivity/ Crit Light Sensitive Heat or Vibration Produc Noise Producing Other SPECIAL REQUIREME Bio/Radioactive Hazard RFI / EMI Shielding	VC-A X	Other Lighting Level 80-100 fc at 30-60 fc at Task Lighting Darkenable or Special Lighting Natural Dayligh SECURITY Locks



	AV	
ndicate location *)	Distance Learning	
(LG)	Video Conferencing	
um (L X	Projection Surface	
A) X	Flat screen Monitors	
(C0 ₂)	Power at Table	
,100 psi (CA)	Data at Table	
HW S/R)		
	Lectern or Other	
2)	Markerboards	
	ARCHITECTURAL	
	Walls/Partitions	
	GWB, Paint	
	GWB, Epoxy Pain	Х
X	Other	
	Wall Protection	
	Corner Guards	Х
	Crash Rails	Х
X	Other	
) <u>X</u>	Flooring	
er X	VCT/ Vinyl free tile	2
r Drer X	Sheet Vinyl	,
	Concrete	
		V
	Resinous/ Epoxy	X
ash Station (SS)	Carpet	
	Other	
	Base	
	4" Rubber	
X	Integral w/floor	Х
Х	Ceiling	
	Open	
	Acoustic Tile	
e	Gyp. Board	Х
Pow X	Height	10'-0"
	Doors	
	Size	48"
	Туре	
	Vision Panel	
	Special Hardware	X
h/des X	opeoidi naraware	X
/desk (offices)	CASEWORK/MILLWO	אפר
desk (onces)		JKK
abla	Casework Type Fixed	X
able		
X	Flexible	X
ferred NO	Casework Material	METAL
	Countertop/ Benchtop	
	Wall Cabinets or Shel	ves
	Tall Storage Cabinets	
Χ	Pegboard	Х
	Cabinets Lockable	

er brackets



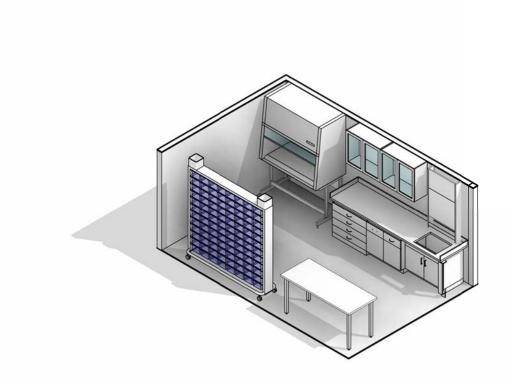
D2-6 ISOLATION ROOMS VIVARIUM

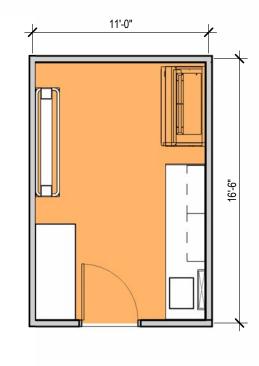
UTILIZATION	PLUMBING	AV
Hours of Operation	Services in Room (indicate location *)	Distance Learning
8 hours/day	Laboratory Gas (LG)	Video Conferencing
14 hours/day	Laboratory Vacuum (LV)	Projection Surface
24 hours/day x	Laboratory Air (LA)	Flat screen Monitors
	Carbon Dioxide (C0 ₂)	Power at Table
MECHANICAL	Compressed Air,100 psi (CA)	Data at Table
Temperature	Chilled Water (CHW S/R)	Lectern or Other
68°-75° ± 2°F	Nitrogen Gas (N ₂)	Markerboards
72°F ± 2°F x	Helium (He)	
Other	Argon (Ar)	ARCHITECTURAL
Humidity	Oxygen (O2)	Walls/Partitions
50%-25%±5% x	Other	GWB, Paint
Uncontrolled	Sinks	GWB, Epoxy Pain x
Other < 50%	Standard	Other
15 ACH (Min)	ADA X	Wall Protection
10 ACH (Min) X	Scullery	Corner Guards X
δ ACH (Min)	Services at Sink	Crash Rails X
100% Make-up Air X	Hot Water (HW) X	Other
Recirculated Air	Cold Water (CW) X	Flooring
Air Pressure Positive X	High Purity Water	VCT/ Vinyl free tile
Air Pressure Negative	Eyewash(EW) or Drench hose	Sheet Vinyl
Air Filtration at Supply or Exhaust	Floor Drain (FD) X	Concrete
Other	Floor Sink (FS)	Resinous/ Epoxy X
	Safety Shower/Eyewash Station (SS)	Carpet
PROCESS EXHAUST/HOODS	Other	Other
Chemical Fume Hoods		Base
Type(Bench/Walk in etc.)	ELECTRICAL	4" Rubber
ADA	Electrical Raceway	Integral w/floor X
Radioisotope or Perchloric Hood	110V, 20A, 1 Phase X	Ceiling
Biological Safety Cabine 1	208V, 30A, 1 Phase X	Open
Laminar Flow Hood	208V, 30A, 3 Phase X	Acoustic Tile
Snorkel	480V, 100A, 3 Phase	Gyp. Board X
Exhaust Port	Emergency/ Standby Pow X	Height10'-0"
Canopy Hood	UPS (OFOI)	Doors
Other	Other	Size 48"
-		
EQUIPMENT CRITERIA	LIGHTING	Vision Panel
Vibration Sensitivity/ Crite VC-A	Lighting Level	Special Hardware X
Light Sensitive X	80-100 fc at bench/des X	
Heat or Vibration Producing	30-60 fc at bench/desk (offices)	CASEWORK/MILLWORK
Noise Producing	Task Lighting	Casework Type
Other	Darkenable or Dimmable	Fixed
	Special Lighting X	Flexible
SPECIAL REQUIREMENTS	Natural Daylight Preferred NO	Casework Material
Bio/Radioactive Hazard	Natalal Daylight Freienea NO	Countertop/ Benchtop
RFI / EMI Shielding	SECURITY	Wall Cabinets or Shelves
NC Acoustical Criteria	Locks	Tall Storage Cabinets
	Card Access X	Pegboard
		Feublaid

2-double sided IVC cage racks, 1-Class II A2 BSC

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D2-7 **ANIMAL BEHAVIOR ROOM** VIVARIUM

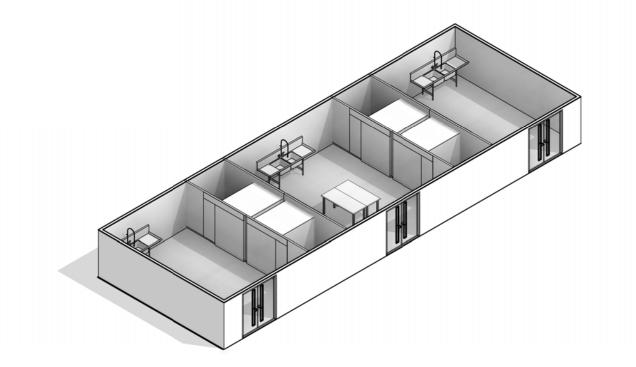
UTILIZATION	PLUMBING
Hours of Operation	Services in Room (indica
8 hours/day	Laboratory Gas (LG)
14 hours/day	Laboratory Vacuum (
24 hours/day	x Laboratory Air (LA)
	Carbon Dioxide (C02
MECHANICAL	Compressed Air,100
Temperature	Chilled Water (CHW
68°-75° ± 2°F	Nitrogen Gas (N ₂)
72°F ± 2°F	x Helium (He)
Other	Argon (Ar)
Humidity	Oxygen (O2)
50%- 25%± 5%	x Other
Uncontrolled	Sinks
Other < 50%	Standard
15 ACH (Min)	ADA
10 ACH (Min)	X Scullery
6 ACH (Min)	Services at Sink
100% Make-up Air	X Hot Water (HW)
Recirculated Air	Cold Water (CW)
Air Pressure Positive	X High Purity Water
Air Pressure Negative	Eyewash(EW) or Dre
Air Filtration at Supply or Exhan	
Other	Floor Sink (FS)
PROCESS EXHAUST/HOODS	Safety Shower/Eyewash Other
ADA Radioisotope or Perchloric Hoc Biological Safety Cabinet Laminar Flow Hood Snorkel Exhaust Port Canopy Hood Other EQUIPMENT CRITERIA Vibration Sensitivity/ Crit. Light Sensitive Heat or Vibration Producing Noise Producing Other SPECIAL REQUIREMENTS Bio/Radioactive Hazard RFI / EMI Shielding	Electrical Raceway Id 110V, 20A, 1 Phase 208V, 30A, 1 Phase 208V, 30A, 3 Phase Emergency/ Standby Pow UPS (OFOI) Other /C-A Lighting Level X 80-100 fc at bench/des Task Lighting Darkenable or Dimmable Special Lighting Natural Daylight Preferre
0	
NC Acoustical Criteria	Locks
	Card Access
REMARKS:	

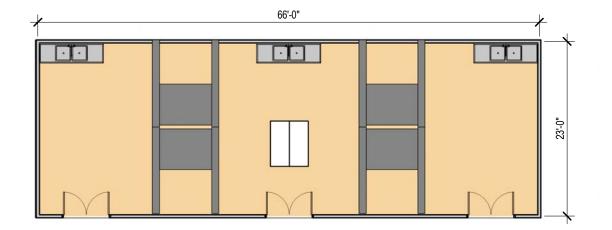


	AV	
oom (indicate location *)	Distance Learning	
/ Gas (LG)	Video Conferencing	
/ Vacuum (LV)	Projection Surface	
/ Air (LA)	Flat screen Monitors	
oxide (C0 ₂)	Power at Table	
ed Air,100 psi (CA)	Data at Table	
ater (CHW S/R)	Lectern or Other	<u> </u>
$Gas (N_2)$	Markerboards	
e)	Markerboarus	
	ARCHITECTURAL	
	Walls/Partitions	
	GWB, Paint	
		~
	GWB, Epoxy Pain	x
	Other	
<u> </u>	Wall Protection	N/
	Corner Guards	X
nk	Crash Rails	Х
(HW) X	Other	
er (CW) X	Flooring	
y Water	VCT/ Vinyl free tile	
EW) or Drench hose	Sheet Vinyl	
D) X	Concrete	
)	Resinous/ Epoxy	Х
r/Eyewash Station (SS)	Carpet	
- <u></u>	Other	
	Base	
	4" Rubber	
eway	Integral w/floor	Х
Phase X	Ceiling	
Phase X	Open	
Phase X	Acoustic Tile	
Phase	Gyp. Board	х
	· · · -	10'-0"
tandby Pow X	Height _	10-0
	Doors	48"
	Size	48
	Type	
	Vision Panel	
	Special Hardware	Х
t bench/des X		
bench/desk (offices)	CASEWORK/MILLWO	RK
	Casework Type	
Dimmable	Fixed	Х
ng X	Flexible	Х
ht Preferred NO	Casework Material	metal
	Countertop/ Benchtop	phenolic
	Wall Cabinets or Shel	Х
	Tall Storage Cabinets	
ess X	Pegboard	Х
	Cabinets Lockable	



D2-8 AUTOCLAVE + CAGEWASH (DIRTY/CLEAN/STERILE) VIVARIUM







UTILIZATION	PLUMBING
Hours of Operation	Services in Room (indic
8 hours/day	Laboratory Gas (LG)
14 hours/day	Laboratory Vacuum
24 hours/day x	Laboratory Air (LA)
	Carbon Dioxide (C0 ₂
MECHANICAL	Compressed Air,100
Temperature	Chilled Water (CHW
68°-75° ± 2°F	Nitrogen Gas (N ₂)
72°F ± 2°F x	Helium (He)
Other	Argon (Ar)
Humidity	Oxygen (O2)
50%- 25%± 5% x	Other
Uncontrolled	Sinks
Other < 50%	Standard
15 ACH (Min)	ADA
10 ACH (Min)	Scullery
6 ACH (Min)	Services at Sink
100% Make-up Air x	Hot Water (HW)
Recirculated Air	Cold Water (CW)
Air Pressure Positive	High Purity Water
Air Pressure Negative	Eyewash(EW) or Dre
Air Filtration at Supply or Exhaust	Floor Drain (FD)
Other	Floor Sink (FS)
	Safety Shower/Eyewash
PROCESS EXHAUST/HOODS	Other

PROCESS EXHAUST/HOODS al Fume Hoods Che

Chemical Fume Hoods	
Type(Bench/Walk in etc.)	
ADA	
Radioisotope or Perchloric Ho	0

Biological Safe	ety Cabinet
Laminar Flow	Hood
Snorkel	
Exhaust Port	
Canopy Hood	
Other	

EQUIPMENT CRITERIA

Vibration Sensitivity/ Criteria Light Sensitive Heat or Vibration Produc Noise Producing Other

SPECIAL REQUIREMENTS

Bio/Radioactive Hazard	
RFI / EMI Shielding	
NC Acoustical Criteria	

REMARKS:

Passthru cage washers, Passthru sterilzers; scullery sinks; Slip resistant, thermal shock resistant polyurethane floor;

Confirm reusable versus disposable caging

PLUMBING		AV	
Services in Room (indicate	e location *)	Distance Learning	
Laboratory Gas (LG)	,	Video Conferencing	
Laboratory Vacuum (L	V)	Projection Surface	
Laboratory Air (LA)	,	Flat screen Monitors	
Carbon Dioxide (C0 ₂)		Power at Table	
Compressed Air,100 p	x	Data at Table	
Chilled Water (CHW S		Lectern or Other	
Nitrogen Gas (N ₂)	/	Markerboards	
Helium (He)			
Argon (Ar)		ARCHITECTURAL	
Oxygen (O2)		Walls/Partitions	
Other		GWB, Paint	
Sinks		GWB, Epoxy Pain	x
Standard		Other	
ADA		Wall Protection	
Scullery		Corner Guards	х
Services at Sink		Crash Rails	x
Hot Water (HW)	х	Other	
Cold Water (CW)	х	Flooring	
High Purity Water	x	VCT/ Vinyl free tile	Э
Eyewash(EW) or Dren	х	Sheet Vinyl	
Floor Drain (FD)	х	Concrete	
Floor Sink (FS)	х	Resinous/ Epoxy	х
Safety Shower/Eyewash S	х	Carpet	
Other		Other	
		Base	
ELECTRICAL		4" Rubber	
Electrical Raceway	х	Integral w/floor	х
110V, 20A, 1 Phase	х	Ceiling	
208V, 30A, 1 Phase		Open	
208V, 30A, 3 Phase	х	Acoustic Tile	
480V, 100A, 3 Phase	х	Gyp. Board	х
Emergency/ Standby Powe	er	Height	10'-0"
UPS (OFOI)		Doors	
Other		Size	
		Туре	
LIGHTING		Vision Panel	
Lighting Level		Special Hardware	or Seals
80-100 fc at bench/des	х		
30-60 fc at bench/desk	(offices)	CASEWORK/MILLW	ORK
Task Lighting		Casework Type	
Darkenable or Dimmable		Fixed	
Special Lighting		Flexible	х
Natural Daylight Preferred	or not	Casework Material	Stainless Steel
		Countertop/ Benchtop	
SECURITY		Wall Cabinets or Shel	
Locks		Tall Storage Cabinets	
Card Access	х	Pegboard	х
		Cabinets Lockable	
		Cabinets Lockable	

h+k



D2-9 FOOD BEDDING STORAGE VIVARIUM

UTILIZATION

Hours of Operation 8 hours/day 14 hours/day 24 hours/day

MECHANICAL

Temperature	
68°-75° ± 2°F	
72°F ± 2°F	Х
Other	
Humidity	
50%- 25%± 5%	х
Uncontrolled	
Other < 50%	
15 ACH (Min)	
10 ACH (Min)	Х
6 ACH (Min)	
100% Make-up Air	Х
Recirculated Air	
Air Pressure Positive	Х
Air Pressure Negative	
Air Filtration at Supply or	Exhaust
Other	

PROCESS EXHAUST/HOODS

Chemical Fume Hoods
Type(Bench/Walk in etc.)
ADA
Radioisotope or Perchloric Hood
Biological Safety Cabinet
Laminar Flow Hood
Snorkel
Exhaust Port
Canopy Hood
Other

EQUIPMENT CRITERIA

Vibration Sensitivity/ C	riteria
Light Sensitive	
Heat or Vibration Prod	ucing
Noise Producing	
Other	

SPECIAL REQUIREMENTS

Bio/Radioactive Hazard RFI / EMI Shielding NC Acoustical Criteria

REMARKS:

Carbon Dioxide (C0 ₂)
Compressed Air,100 psi (CA)
Chilled Water (CHW S/R)
Nitrogen Gas (N ₂)
Helium (He)
Argon (Ar)
Oxygen (O2)
Other
Sinks
Standard
ADA
Scullery
Services at Sink
Hot Water (HW)
Cold Water (CW)
High Purity Water
Eyewash(EW) or Drench hose
Floor Drain (FD)
Floor Sink (FS)
Safety Shower/Eyewash Station (SS
Other
ELECTRICAL
Electrical Raceway
110V, 20A, 1 Phase X
208V, 30A, 1 Phase

PLUMBING

Electrical Raceway	
110V, 20A, 1 Phase	Х
208V, 30A, 1 Phase	
208V, 30A, 3 Phase	
480V, 100A, 3 Phase	
Emergency/ Standby Power	
UPS (OFOI)	
Other	
_	

LIGHTING Lighting Level 80-100 fc at bench/desk (labs) 30-60 fc at bench/desk lask Lighting

Card Access

ask Lighting	
Darkenable or Dimmable	
Special Lighting	
Natural Daylight Preferred	or not
SECURITY	
Locks	

Services in Room (indicate location *)	Distance Learning
Laboratory Gas (LG)	Video Conferencir
Laboratory Vacuum (LV)	Projection Surface
Laboratory Air (LA)	Flat screen Monito
Carbon Dioxide (C0 ₂)	Power at Table
Compressed Air,100 psi (CA)	Data at Table
Chilled Water (CHW S/R)	Lectern or Other
Nitrogen Gas (N ₂)	Markerboards
Helium (He)	
Argon (Ar)	ARCHITECTURA
Oxygen (O2)	Walls/Partitions
Other	GWB, Paint
Sinks	GWB, Epoxy I
Standard	Other
ADA	Wall Protection
Scullery	Corner Guard
Services at Sink	Crash Rails
Hot Water (HW)	Other
Cold Water (CW)	Flooring
High Purity Water	VCT/ Vinyl fre
Eyewash(EW) or Drench hose	Sheet Vinyl
Floor Drain (FD)	Concrete
Floor Sink (FS)	Resinous/ Epo
Safety Shower/Eyewash Station (SS)	Carpet
Other	Other
	Base
ELECTRICAL	4" Rubber
Electrical Raceway	Integral w/floo

AV

Base	
4" Rubber	
Integral w/floor	
Ceiling	
Open	
Acoustic Tile	
Gyp. Board	
Height	1
Doors	
Size	
Туре	
Vision Panel	

 $r = \frac{x}{10^{\circ}-0^{\circ}}$ Pegboard Cabinets Lockable

h

	Special Hardware	
_	CASEWORK/MILLWO	ORK
	Casework Type	
	Fixed	
_	Flexible	
_	Casework Material	
_	Countertop/ Benchtop	
	Wall Cabinets or Shelv	
	Tall Storage Cabinets	

WASTE/BIOF	AZARD STORA
VIVARIUM	
UTILIZATION	PLUMBING
Hours of Operation	Services in Room (indicate
8 hours/day	Laboratory Gas (LG)
14 hours/day	Laboratory Vacuum (LV

14 Hours/day
24 hours/day
MECHANICAL
Temperature
68°-75° ± 2°F
72°F ± 2°F
Other
Humidity
50%- 25%± 5%
Uncontrolled
Other $< 50%$

D2-10

Uncontrolled	
Other < 50%	
15 ACH (Min)	
10 ACH (Min)	
6 ACH (Min)	

100% Make-up Air Recirculated Air Air Pressure Positive

Air Pressure Negative Air Filtration at Supply or Exhaust Other

PROCESS EXHAUST/HOODS

Chemical Fume Hoods Type(Bench/Walk in etc.) ADA Radioisotope or Perchloric Hood Biological Safety Cabinet Laminar Flow Hood Snorkel Exhaust Port Canopy Hood Other

EQUIPMENT CRITERIA

Vibration Sensitivity/ Criteria Light Sensitive Heat or Vibration Producing Noise Producing Other

SPECIAL REQUIREMENTS

Bio/Radioactive Hazard RFI / EMI Shielding NC Acoustical Criteria

atural Daylight Freiene
ECURITY
Locks

REMARKS:

Southern Illinois University Edwardsville | Health Science Center | Program Document

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Card Access

ND STORAGE

s

PLUMBING	AV
Services in Room (indicate location *)	Distance Learning
Laboratory Gas (LG)	Video Conferencing
Laboratory Vacuum (LV)	Projection Surface
Laboratory Air (LA)	Flat screen Monitors
Carbon Dioxide (C0 ₂)	Power at Table
Compressed Air,100 psi (CA)	Data at Table
Chilled Water (CHW S/R)	Lectern or Other
Nitrogen Gas (N ₂)	Markerboards
Helium (He)	
Argon (Ar)	ARCHITECTURAL
Oxygen (O2)	Walls/Partitions
Other	GWB, Paint
Sinks	GWB, Epoxy Pain x
Standard	Other
ADA	Wall Protection
Scullery	Corner Guards X
Services at Sink	Crash Rails X
Hot Water (HW)	Other
Cold Water (CW)	Flooring
High Purity Water	VCT/ Vinyl free tile
Eyewash(EW) or Drench hose	Sheet Vinyl
Floor Drain (FD)	Concrete
Floor Sink (FS)	Resinous/ Epoxy X
Safety Shower/Eyewash Station (SS)	Carpet
Other	Other
	Base
ELECTRICAL	4" Rubber
Electrical Raceway	Integral w/floor X
110V, 20A, 1 Phase X	Ceiling
208V, 30A, 1 Phase x	Open
208V, 30A, 3 Phase	Acoustic Tile
480V, 100A, 3 Phase	Gyp. Board X
Emergency/ Standby Pow x	Height 10'-0"
UPS (OFOI)	Doors
Other	Size 48"
	Туре
LIGHTING	Vision Panel
Lighting Level	Special Hardware X
80-100 fc at bench/desk (labs)	
30-60 fc at bench/desk X	CASEWORK/MILLWORK
Task Lighting	Casework Type
Darkenable or Dimmable	Fixed
Special Lighting	Flexible
Natural Daylight Preferred or not	Casework Material
	Countertop/ Benchtop
SECURITY	Wall Cabinets or Shel X
Locks	Tall Storage Cabinets X
Card Access X	Pegboard
	Cabinets Lockable



D2-11 HOUSEKEEPING ROOMS VIVARIUM

UTILIZATION	PLUMBING
Hours of Operation	Services in Room (indicate location *)
8 hours/day	Laboratory Gas (LG)
14 hours/day	Laboratory Vacuum (LV)
24 hours/day x	Laboratory Air (LA)
	Carbon Dioxide (C0 ₂)
MECHANICAL	Compressed Air,100 psi (CA)
Temperature	Chilled Water (CHW S/R)
68°-75° ± 2°F	Nitrogen Gas (N ₂)
72°F ± 2°F x	Helium (He)
Other	Argon (Ar)
Humidity	Oxygen (O2)
50%- 25%± 5% x	Other
Uncontrolled	Sinks
Other < 50%	Standard
15 ACH (Min)	ADA
10 ACH (Min) X	Scullery
6 ACH (Min)	Services at Sink
100% Make-up Air X	Hot Water (HW)
Recirculated Air	Cold Water (CW)
Air Pressure Positive X	High Purity Water
Air Pressure Negative	Eyewash(EW) or Drench hose
Air Filtration at Supply or Exhaust	Floor Drain (FD)
Other	Floor Sink (FS)
	Safety Shower/Eyewash Station (SS)
PROCESS EXHAUST/HOODS	Other
Chemical Fume Hoods	
Type(Bench/Walk in <u>etc.)</u>	ELECTRICAL
ADA	Electrical Raceway
Radioisotope or Perchloric Hood	110V, 20A, 1 Phase X
Biological Safety Cabinet	208V, 30A, 1 Phase
Laminar Flow Hood	208V, 30A, 3 Phase
Snorkel	480V, 100A, 3 Phase
Exhaust Port	Emergency/ Standby Power
Canopy Hood	UPS (OFOI)
Other	Other
EQUIPMENT CRITERIA	LIGHTING
Vibration Sensitivity/ Criteria	Lighting Level
Light Sensitive	80-100 fc at bench/desk (labs)
Heat or Vibration Producing	30-60 fc at bench/desk X
Noise Producing	Task Lighting
Other	Darkenable or Dimmable
	Special Lighting
SPECIAL REQUIREMENTS	Natural Daylight Preferred or not
Bio/Radioactive Hazard	
RFI / EMI Shielding	SECURITY
NC Acoustical Criteria	Locks

REMARKS:

istance Learning /ideo Conferencing Projection Surface lat screen Monitors ower at Table ata at Table ectern or Other Markerboards RCHITECTURAL /alls/Partitions GWB, Paint GWB, Epoxy Pain Other all Protection Corner Guards Crash Rails Other looring VCT/ Vinyl free tile Sheet Vinyl Concrete Resinous/ Epoxy Carpet Other ase 4" Rubber Integral w/floor eiling Open Acoustic Tile Gyp. Board Height 10'-0 oors Size Туре Vision Panel Special Hardware Х ASEWORK/MILLWORK asework Type Fixed Flexible asework Material Countertop/ Benchtop all Cabinets or Shel all Storage Cabinets Х egboard abinets Lockable

lo h+

UTILIZATION		PLUMBING
Hours of Operation		Services in Room (indication of the services in
8 hours/day		Laboratory Gas (LG)
14 hours/day		Laboratory Vacuum
24 hours/day	х	Laboratory Air (LA)
		Carbon Dioxide (C0 ₂
MECHANICAL		Compressed Air,100
Temperature		Chilled Water (CHW
68°-75° ± 2°F		Nitrogen Gas (N ₂)
72°F ± 2°F	х	Helium (He)
Other		Argon (Ar)
Humidity		Oxygen (O2)
50%- 25%± 5%	x	Other
Uncontrolled		Sinks
Other < 50%		Standard
15 ACH (Min)		ADA
10 ACH (Min)	Х	Scullery
6 ACH (Min)		Services at Sink
100% Make-up Air	Х	Hot Water (HW)
Recirculated Air		Cold Water (CW)
Air Pressure Positive	Х	High Purity Water
Air Pressure Negative		Eyewash(EW) or Dre
Air Filtration at Supply o	r Exhaust	Floor Drain (FD)
Other		Floor Sink (FS)
		Safety Shower/Eyewash
PROCESS EXHAUST/H	IOODS	Other

PROCESS EXHAUST/HOODS

Chemical Fume Hoods Type(Bench/Walk in etc.) ADA Radioisotope or Perchloric Hood Biological Safety Cabinet Laminar Flow Hood Snorkel Exhaust Port Canopy Hood

EQUIPMENT CRITERIA

Heat or Vibration Producing

SPECIAL REQUIREMENTS

Bio/Radioactive Hazard RFI / EMI Shielding NC Acoustical Criteria

SECURITY
Locks
Card Access

aboratory Vacuum aboratory Air (LA) arbon Dioxide (C0 ompressed Air,100 hilled Water (CHW itrogen Gas (N₂) elium (He) rgon (Ar) xygen (O2) her

Other

Vibration Sensitivity/ Criteria Light Sensitive

Noise Producing Other

REMARKS:		

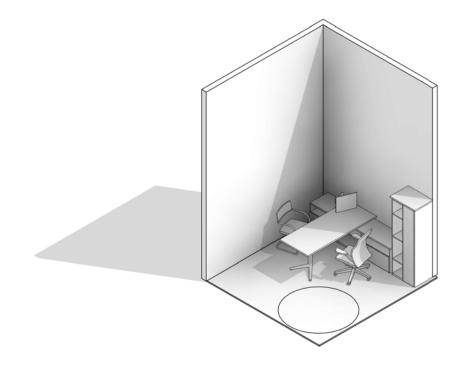
Prepared for Southern Illinois University Edwardsville by HOK

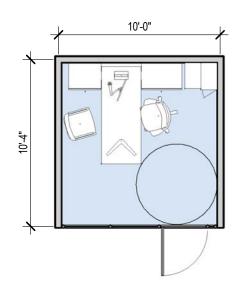
D2-12 **STAGING AREA** VIVARIUM

PLUMBING	AV
Services in Room (indicate location *)	Distance Learning
Laboratory Gas (LG)	Video Conferencing
Laboratory Vacuum (LV)	Projection Surface
Laboratory Air (LA)	Flat screen Monitors
Carbon Dioxide (C0 ₂)	Power at Table
. 27	
Compressed Air,100 psi (CA)	Data at Table
Chilled Water (CHW S/R)	Lectern or Other
Nitrogen Gas (N ₂)	Markerboards
Helium (He)	
Argon (Ar)	ARCHITECTURAL
Oxygen (O2)	Walls/Partitions
Other	GWB, Paint
Sinks	GWB, Epoxy Pain x
Standard	Other
ADA	Wall Protection
Scullery	Corner Guards X
Services at Sink	Crash Rails X
Hot Water (HW)	Other
Cold Water (CW)	Flooring
High Purity Water	VCT/ Vinyl free tile
Eyewash(EW) or Drench hose	Sheet Vinyl
Floor Drain (FD)	Concrete
Floor Sink (FS)	Resinous/ Epoxy X
Safety Shower/Eyewash Station (SS)	Carpet
Other	Other
	Base
ELECTRICAL	4" Rubber
Electrical Raceway	Integral w/floor X
110V, 20A, 1 Phase X	Ceiling
208V, 30A, 1 Phase	Open
208V, 30A, 3 Phase	Acoustic Tile
480V, 100A, 3 Phase	Gyp. Board X
Emergency/ Standby Power	Height 10'-0"
UPS (OFOI)	Doors
Other	Size 48"
	Туре
LIGHTING	Vision Panel
Lighting Level	Special Hardware X
80-100 fc at bench/desk (labs)	
30-60 fc at bench/desk X	CASEWORK/MILLWORK
	CAGENOICIA
Task Lighting	Casework Type
Task Lighting Darkenable or Dimmable	
5 5	Casework Type Fixed Flexible
Darkenable or Dimmable	Casework Type Fixed
Darkenable or Dimmable Special Lighting	Casework Type Fixed Flexible
Darkenable or Dimmable Special Lighting	Casework Type Fixed Flexible Casework Material
Darkenable or Dimmable Special Lighting Natural Daylight Preferred or not SECURITY Locks	Casework Type Fixed Flexible Casework Material Countertop/ Benchtop
Darkenable or Dimmable Special Lighting Natural Daylight Preferred or not SECURITY	Casework Type Fixed Flexible Casework Material Countertop/ Benchtop Wall Cabinets or Shelv X
Darkenable or Dimmable Special Lighting Natural Daylight Preferred or not SECURITY Locks	Casework Type Fixed Flexible Casework Material Countertop/ Benchtop Wall Cabinets or Shely X Tall Storage Cabinets X
Darkenable or Dimmable Special Lighting Natural Daylight Preferred or not SECURITY Locks	Casework Type Fixed Flexible Casework Material Countertop/ Benchtop Wall Cabinets or Shely X Tall Storage Cabinets X Pegboard











D3-1 POST DOCS/RA's RESEARCH OFFICES & WORKSPACES

UTILIZATION	PLUMBING
Hours of Operation 8 hours/day 14 hours/day X 24 hours/day	Sinks Standard ADA Scullery Other
OCCUPANY	
No. Of Occupants	
MECHANICAL	ELECTRICAL
Temperature	Electrical Raceway
68°-75° ± 2°F	110V, 20A, 1 Phase x
72°F ± 2°F x	208V, 30A, 1 Phase
Other	208V, 30A, 3 Phase
Humidity	480V, 100A, 3 Phase
50%- 25%± 5% x	Emergency/ Standby Power
	UPS (OFOI)
Other < 50%	Other
15 ACH (Min)	Other
10 ACH (Min)	
6 ACH (Min)	Lighting Level
100% Make-up Air	80-100 fc at bench/desk (labs)
Recirculated Air x	30-60 fc at bench/desk (offices)
Air Pressure Positive	Task Lighting
Air Pressure Negative	Darkenable or Dimmable
Air Filtration at Supply or Exhaust	Special Lighting
Other	Natural Daylight Preferred Yes
CASEWORK/MILLWORK/ FURNITUR	EQUIPMENT
Headwall	Exam Table
Suction/Vacuum	Integrated Diagnostic wall system
Oxygen	Patient Bed
Air	Bed Locater
Other	Headwall
Table w/ seating for 2-4	Computer Terminal
Wall Cabinets or Shelves x	Curtain track
Sofa/ Lounge chair	Curtain
Lateral File Cabinets	Other
2 drawer x	
3 drawer	ADJACENCY CRITERIA
Vertical File Cabinets	Primary Adjacency
2 drawer	Secondary Adjacency
3 drawer	
Guest Chairs	PERFORMANCE REQUIREMENTS

NC Acoustical Criteria

Acoustical Panels Privacy Criteria

Other Criteria

REMARKS:

Conference Table

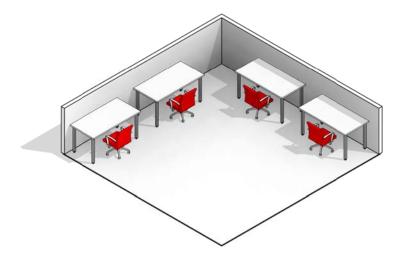
Markerboard

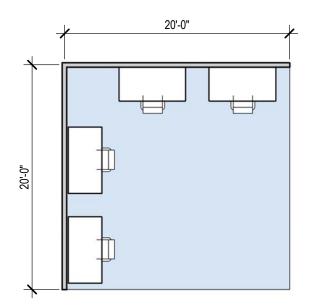
Tackboard



	AV	
	Distance Learning	
	Video Conferencing	
	Projection Surface	
	Flat screen Monitors	
	Power at Table	
	Data at Table	
	Lectern or Other	
	Ceiling Speakers	
	ARCHITECTURAL	
	Walls/Partitions	
		X
<u> </u>	GWB, Paint	×
	GWB, Epoxy Pain	ι <u> </u>
	Other Wall Protection	
Deuver		
Power	Corner Guards Crash Rails	
	-	
	Other	
	Flooring	
	VCT/ Vinyl free tile	X
(deals (labe)	Sheet Vinyl	
/desk (labs)	Concrete	
desk (offices)	Resinous/ Epoxy	
ht.	Carpet	
ble	Other	
erred Yes	Base 4" Rubber	
erred Yes		
	Integral w/floor	
	Ceiling	
well avotom	Open Acoustic Tile	
wall system		х
	Gyp. Board	
	Height	
	Window	
	One way glass Doors	
	Size	3' 0"v7' 0"
		3'-0"x7'-0" Single Flush
	Type Operable Wall	Single Flush
RIA	Vision Panel	x
	Special Hardware	
		01 00013
QUIREMENTS	SECURITY	
۱ <u> </u>	Locks	
	Card Access	х









UTILIZATION	
Hours of Operation	
8 hours/day	
14 hours/day	
24 hours/day	

ırs/day	
ours/day	х
ours/day	



Other

MECHANICAL	
Temperature	
68°-75° ± 2°F	
72°F ± 2°F	
Other	
Humidity	
50%- 25%± 5%	
Uncontrolled	
Other < 50%	
15 ACH (Min)	
10 ACH (Min)	
6 ACH (Min)	
100% Make-up Air	
Recirculated Air	
Air Pressure Positive	
Air Pressure Negative	
Air Filtration at Supply or	Exhau

aust

х

CASEWORK/MILLWORK/ FURNITURE

•	
Headwall	
Suction/Vacuum	
Oxygen	
Air	
Other	
Table w/ seating for 2-4	
Wall Cabinets or Shelves	х
Sofa/ Lounge chair	
Lateral File Cabinets	
2 drawer	х
3 drawer	
Vertical File Cabinets	
2 drawer	
3 drawer	
Guest Chairs	
Conference Table	

	X	
ets		
	Х	

REMARKS:

Markerboard

Tackboard

Scullery Other ELECTRICAL Electrical Raceway 110V, 20A, 1 Phase 208V, 30A, 1 Phase 208V, 30A, 3 Phase

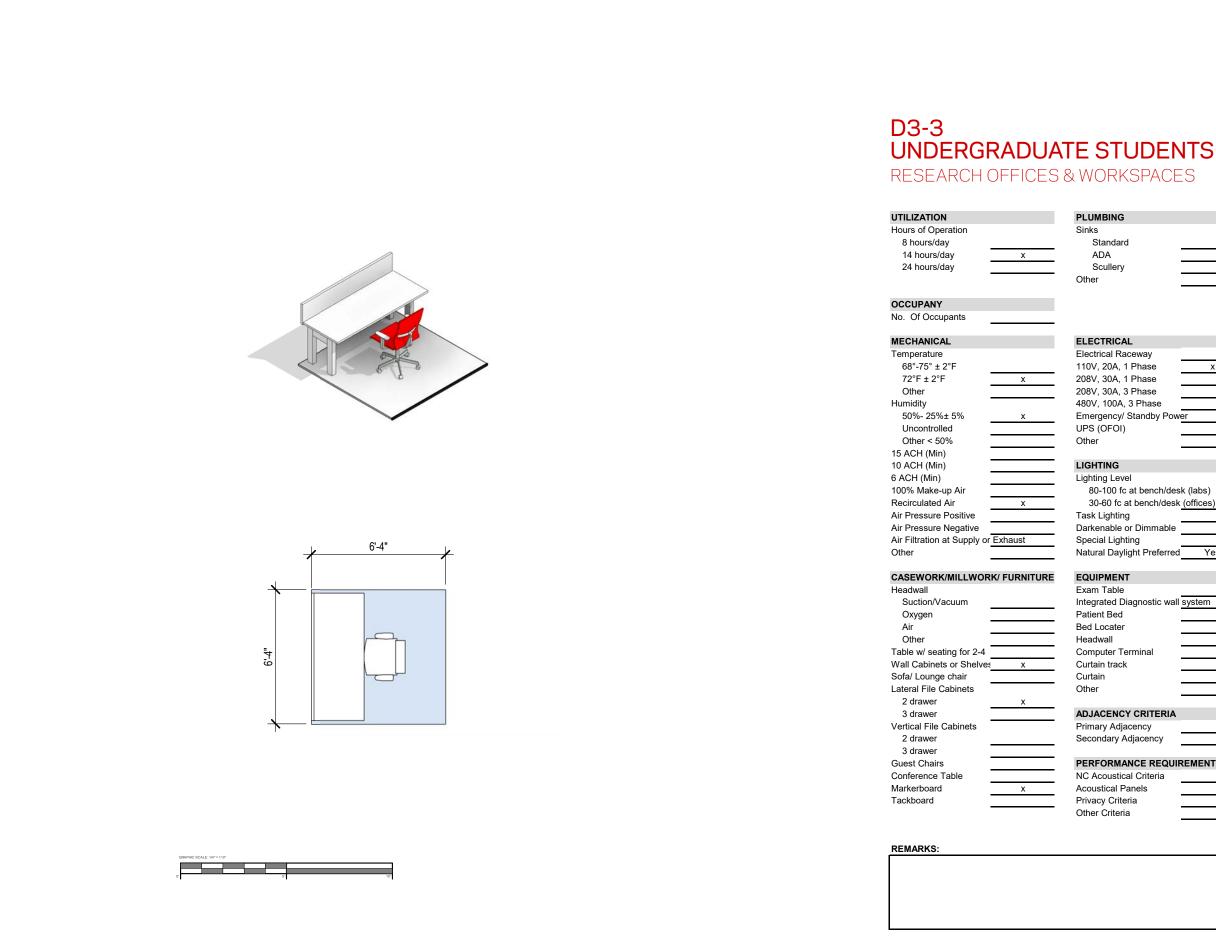
LIGHTING Lighting Level 80-100 fc at bench/de 30-60 fc at bench/des Task Lighting Darkenable or Dimmable Special Lighting Natural Daylight Preferre

D3-2 **GRAD ASSISTANTS RESEARCH OFFICES & WORKSPACES**

PLUMBING	AV
Sinks	Distance Learning
Standard	Video Conferencing
ADA	Projection Surface
Scullery	Flat screen Monitors
Other	Power at Table
	Data at Table
	Lectern or Other
	Ceiling Speakers
ELECTRICAL	ARCHITECTURAL
Electrical Raceway	Walls/Partitions
110V, 20A, 1 Phase x	GWB, Paint x
208V, 30A, 1 Phase	GWB, Epoxy Paint
208V, 30A, 3 Phase	Other
480V, 100A, 3 Phase	Wall Protection
Emergency/ Standby Power	Corner Guards
UPS (OFOI)	Crash Rails
Other	Other
	Flooring
LIGHTING	VCT/ Vinyl free tile x
Lighting Level	Sheet Vinyl
80-100 fc at bench/desk (labs)	Concrete
30-60 fc at bench/desk (offices)	Resinous/ Epoxy
Task Lighting	Carpet
Darkenable or Dimmable	Other
Special Lighting	Base
Natural Daylight Preferred Yes	4" Rubber
	Integral w/floor
EQUIPMENT	Ceiling
Exam Table	Open
Integrated Diagnostic wall system	Acoustic Tile x
Patient Bed	Gyp. Board
Bed Locater	Height
Headwall	Window
Computer Terminal	One way glass
Curtain track	Doors
Curtain	Size 3'-0"x7'-0"
Other	Type Single Flush
	Operable Wall
ADJACENCY CRITERIA	Vision Panel x
Primary Adjacency	Special Hardware or Seals
Secondary Adjacency	
PERFORMANCE REQUIREMENTS	SECURITY
NC Acoustical Criteria	Locks
Acoustical Panels	Card Access x
Privacy Criteria	
Other Criteria	







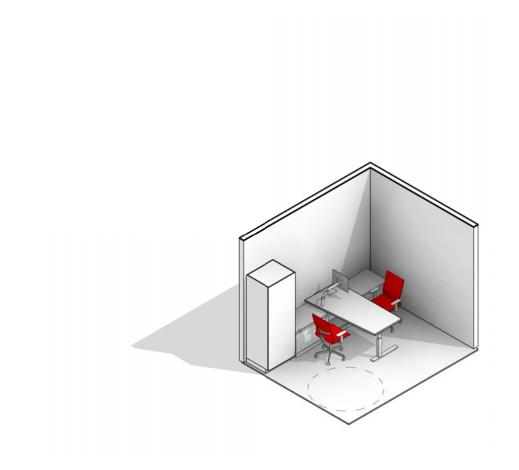
х	
er	
/I	
(labs)	
(officee)	
(offices)	
Yes	
system	
EMENTS	

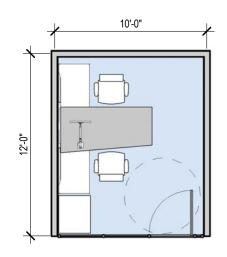
AV	
Distance Learning	
Video Conferencing	
Projection Surface	
Flat screen Monitors	
Power at Table	
Data at Table	
Lectern or Other	
Ceiling Speakers	
0 1	
ARCHITECTURAL	
Walls/Partitions	
GWB, Paint	х
GWB, Epoxy Pain	t
Other	
Wall Protection	
Corner Guards	
Crash Rails	
Other	
Flooring	
VCT/ Vinyl free tile	x
Sheet Vinyl	
Concrete	
Resinous/ Epoxy	
Carpet	
Other	
Base	
4" Rubber	
Integral w/floor	
Ceiling	
Open	
Acoustic Tile	х
Gyp. Board	
Height	
Window	
One way glass	
Doors	
Size	3'-0"x7'-0"
Туре	Single Flush
Operable Wall	
Vision Panel	х
Special Hardware	or Seals
SECURITY	
Locks	



x

Card Access







UTILIZATION	
Hours of Operation	
8 hours/day	
14 hours/day	x
24 hours/day	

OCCUPANY No. Of Occupants

MECHANICAL Temperature 68°-75° ± 2°F

00 10 11 1	
72°F ± 2°F	х
Other	
Humidity	
50%- 25%± 5%	х
Uncontrolled	
Other < 50%	
15 ACH (Min)	
10 ACH (Min)	
6 ACH (Min)	
100% Make-up Air	
Recirculated Air	х
Air Pressure Positive	
Air Pressure Negative	
Air Filtration at Supply or	Exhaust
Other	

CASEWORK/MILLWORK/ FURNITURE Hea

Headwall	
Suction/Vacuum	
Oxygen	
Air	. <u> </u>
Other	
Table w/ seating for 2-4	. <u> </u>
Wall Cabinets or Shelves	х
Sofa/ Lounge chair	
Lateral File Cabinets	
2 drawer	х
3 drawer	. <u> </u>
Vertical File Cabinets	
2 drawer	
3 drawer	
Curent Chains	

Guest Chairs Conference Table Markerboard Tackboard

REMARKS:

School of Pharmacy PI/ Faculty offices near labs

D3-4 **PT/FACULTY OFFICES RESEARCH OFFICES & WORKSPACES**

PLUMBING	AV
Sinks	Distance Learning
Standard	Video Conferencing
ADA	Projection Surface
Scullery	Flat screen Monitors
Other	Power at Table
	Data at Table
	Lectern or Other
	Ceiling Speakers
ELECTRICAL	ARCHITECTURAL
Electrical Raceway	Walls/Partitions
110V, 20A, 1 Phase x	GWB, Paint x
208V, 30A, 1 Phase	GWB, Epoxy Paint
208V, 30A, 3 Phase	Other
480V, 100A, 3 Phase	Wall Protection
Emergency/ Standby Power	Corner Guards
UPS (OFOI)	Crash Rails
Other	Other
Gulei	Flooring
LIGHTING	VCT/ Vinyl free tile x
Lighting Level	Sheet Vinyl
80-100 fc at bench/desk (labs)	Concrete
30-60 fc at bench/desk (offices)	Resinous/ Epoxy
Task Lighting	Carpet
Darkenable or Dimmable	Other
Special Lighting	Base
Natural Daylight Preferred Yes	4" Rubber
	Integral w/floor
EQUIPMENT	Ceiling
Exam Table	Open
Integrated Diagnostic wall system	Acoustic Tile x
Patient Bed	Gyp. Board
Bed Locater	Height
Headwall	Window
Computer Terminal	One way glass
Curtain track	Doors
Curtain	Size 3'-0"x7'-0"
Other	Type Single Flush
	Operable Wall
ADJACENCY CRITERIA	Vision Panel x
Primary Adjacency	Special Hardware or Seals
Secondary Adjacency	
PERFORMANCE REQUIREMENTS	SECURITY
NC Acoustical Criteria	Locks
Acoustical Panels	Card Access x
Privacy Criteria	
Other Criteria	





D3-5 **PT/FACULTY OFFICES RESEARCH OFFICES & WORKSPACES**

х

PLUMBING

Standard

Sinks

UTILIZATION Hours of Operation

8 hours/day 14 hours/day 24 hours/day

OCCUPANY No. Of Occupants

MECHANICAL	
Temperature	
68°-75° ± 2°F	
72°F ± 2°F	х
Other	
Humidity	
50%- 25%± 5%	х
Uncontrolled	
Other < 50%	
15 ACH (Min)	
10 ACH (Min)	
6 ACH (Min)	
100% Make-up Air	
Recirculated Air	х
Air Pressure Positive	
Air Pressure Negative	
Air Filtration at Supply or	Exhaust
Other	

CASEWORK/MILLWORK/ FURNITURE Headwall

Suction/Vacuum	
Oxygen	
Air	
Other	
Table w/ seating for 2-4	
Wall Cabinets or Shelves	х
Sofa/ Lounge chair	
Lateral File Cabinets	
2 drawer	х
3 drawer	
Vertical File Cabinets	
2 drawer	
3 drawer	
Guest Chairs	
Conference Table	
Markerboard	х
Tackboard	

School of Pharmacy PI/ Faculty offices near vivarium

REMARKS:

ADA		Projection Surface	
Scullery		Flat screen Monitors	
Other		Power at Table	
		Data at Table	
		Lectern or Other	
		Ceiling Speakers	
		g -p	
ELECTRICAL		ARCHITECTURAL	
Electrical Raceway		Walls/Partitions	
110V, 20A, 1 Phase	X	GWB, Paint	x
208V, 30A, 1 Phase	^	GWB, Epoxy Paint	
		Other	
208V, 30A, 3 Phase		Wall Protection	
480V, 100A, 3 Phase			
Emergency/ Standby Pov	ver	Corner Guards	
UPS (OFOI)		Crash Rails	
Other		Other	
		Flooring	
LIGHTING		VCT/ Vinyl free tile	Х
Lighting Level		Sheet Vinyl	
80-100 fc at bench/de	sk (labs)	Concrete	
30-60 fc at bench/des	k (offices)	Resinous/ Epoxy	
Task Lighting		Carpet	
Darkenable or Dimmable		Other	
Special Lighting		Base	
Natural Daylight Preferred	d Yes	4" Rubber	
, ,		Integral w/floor	
EQUIPMENT		Ceiling	
Exam Table		Open	
Integrated Diagnostic wal	system	Acoustic Tile	x
Patient Bed		Gyp. Board	
Bed Locater		Height	
Headwall		Window	
Computer Terminal		One way glass	
Curtain track		Doors	
Curtain		Size	3'-0"x7
		-	
Other			Single I
		Operable Wall	
ADJACENCY CRITERIA		Vision Panel	X
Primary Adjacency		Special Hardware	or Seals
Secondary Adjacency			
PERFORMANCE REQUI	REMENTS	SECURITY	
NC Acoustical Criteria		Locks	
Acoustical Panels		Card Access	х
Privacy Criteria			

Video Conferencing	
Projection Surface	
Flat screen Monitors	-
Power at Table	
Data at Table	
Lectern or Other	
Ceiling Speakers	
ARCHITECTURAL	
Walls/Partitions	
GWB, Paint	х
GWB, Epoxy Pain	it
Other	
Wall Protection	
Corner Guards	
Crash Rails	
Other	
Flooring	
VCT/ Vinyl free tile	х
Sheet Vinyl	
Concrete	
Resinous/ Epoxy	
Carpet	
Other	
Base	
4" Rubber	
Integral w/floor	
Ceiling	
Open	
Acoustic Tile	х
Gyp. Board	
Height	
Window	
One way glass	
Doors	
Size	3'-0"x7'-0"
Туре	Single Flush

Х

lo h+k

AV

Distance Learning

''-0 "		
lush		

D3-6 PT/FACULTY OFFICES
RESEARCH OFFICES & WORI

UTILIZATION	PLUMBING
Hours of Operation	Sinks
8 hours/day	Standard
14 hours/day x	ADA
24 hours/day	Scullery
	Other
OCCUPANY	
No. Of Occupants	_
MECHANICAL	ELECTRICAL
Temperature	Electrical Raceway
68°-75° ± 2°F	110V, 20A, 1 Phase x
72°F ± 2°F x	208V, 30A, 1 Phase
Other	208V, 30A, 3 Phase
Humidity	480V, 100A, 3 Phase
50%-25%±5% x	Emergency/ Standby Power
Uncontrolled	UPS (OFOI)
Other < 50%	Other
15 ACH (Min)	
10 ACH (Min)	LIGHTING
6 ACH (Min)	Lighting Level
100% Make-up Air	80-100 fc at bench/desk (labs)
Recirculated Air x	30-60 fc at bench/desk (offices)
Air Pressure Positive	Task Lighting
Air Pressure Negative	Darkenable or Dimmable
Air Filtration at Supply or Exhaust	Special Lighting
Other	Natural Daylight Preferred Ye
CASEWORK/MILLWORK/ FURNITUR	RE EQUIPMENT
Headwall	Exam Table
Suction/Vacuum	Integrated Diagnostic wall system
Oxygen	Patient Bed
Air	Bed Locater
Other	Headwall
Table w/ seating for 2-4	Computer Terminal
Wall Cabinets or Shelves x	Curtain track
Sofa/ Lounge chair	Curtain

Exam Table	
Integrated Diagnostic wall	system
Patient Bed	
Bed Locater	
Headwall	
Computer Terminal	
Curtain track	
Curtain	
Other	
ADJACENCY CRITERIA	

Primary Adjacency	
Secondary Adjacency	

PERFORMANCE	REQUIREMENTS

NC Acoustical Criteria	
Acoustical Panels	

no noodolloar ontona	
Acoustical Panels	
Privacy Criteria	

Other Criteria

REMARKS:

Lateral File Cabinets 2 drawer

Vertical File Cabinets 2 drawer

3 drawer

3 drawer

Guest Chairs Conference Table

Markerboard

Tackboard

Nursing Faculty Office near vivarium



Other Criteria

KSPACES

Yes

	AV	
	Distance Learning	
	Video Conferencing	
	Projection Surface	
	Flat screen Monitors	
	Power at Table	
	Data at Table	
	Lectern or Other	
	Ceiling Speakers	
	• •	
	ARCHITECTURAL	
	Walls/Partitions	
	GWB, Paint	x
	GWB, Epoxy Pain	t
	Other	
	Wall Protection	
	Corner Guards	
	Crash Rails	
	Other	
	Flooring	
	VCT/ Vinyl free tile	х
	Sheet Vinyl	
	Concrete	
	Resinous/ Epoxy	
	Carpet	
	Other	
	Base	
	4" Rubber	
	Integral w/floor	
	Ceiling	
	Open	
	Acoustic Tile	x
	Gyp. Board	X
	Height	
	Window	
	One way glass	
	Doors	
	Size	3'-0"x7'-0"
	Туре	Single Flush
	Operable Wall	Cingle Flught
	Vision Panel	x
	Special Hardware	
_	opeoial haruware	01 00013
	SECURITY	
	Locks	
	Card Access	x
	0010700000	~ ~



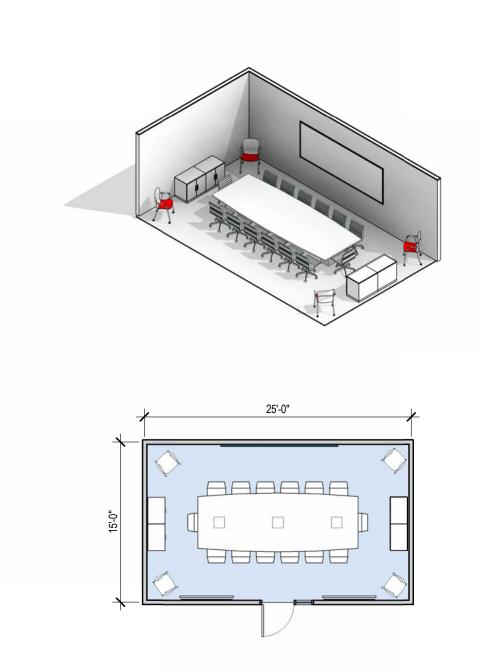
D3-7 SMALL MEETING ROOM 5p RESEARCH OFFICES & WORKSPACES

UTILIZATION	PLUMBING	AV
Hours of Operation	Sinks	Distance Learning
8 hours/day	Standard	Video Conferencing X
14 hours/day x	ADA	Projection Surface
24 hours/day	Scullery	Flat screen Monitors X
	Other	Power at Table X
		Data at Table X
OCCUPANY		Lectern or Other
No. Of Occupants		Ceiling Speakers
MECHANICAL	ELECTRICAL	ARCHITECTURAL
Temperature	Electrical Raceway	Walls/Partitions
68°-75° ± 2°F	110V, 20A, 1 Phase x	GWB, Paint x
72°F ± 2°F x	208V, 30A, 1 Phase	GWB, Epoxy Paint
Other	208V, 30A, 3 Phase	Other
Humidity	480V, 100A, 3 Phase	Wall Protection
50%- 25%± 5% x	Emergency/ Standby Power	Corner Guards
	UPS (OFOI)	Crash Rails
Other < 50%	Other	Other
15 ACH (Min)		Flooring
10 ACH (Min)	LIGHTING	
6 ACH (Min)	Lighting Level	VC1/ Vinyl free tile x Sheet Vinyl
100% Make-up Air	80-100 fc at bench/desk (labs)	Concrete
Recirculated Air x	30-60 fc at bench/desk X	Resinous/ Epoxy
Air Pressure Positive	Task Lighting	Carpet
Air Pressure Negative	Darkenable or Dimmable	Other
Air Filtration at Supply or Exhaust	Special Lighting	Base
Other	Natural Daylight Preferred Yes	4" Rubber
	Natural Daylight Freiened Fes	Integral w/floor
CASEWORK/MILLWORK/ FURNITURE	EQUIPMENT	Ceiling
Headwall	Exam Table	Open
Suction/Vacuum	Integrated Diagnostic wall system	Acoustic Tile x
Oxygen	Patient Bed	Gyp. Board
Air	Bed Locater	Height
Other	Headwall	Window
Table w/ seating for 2-4	Computer Terminal	One way glass
Wall Cabinets or Shelves	Curtain track	Doors
Sofa/ Lounge chair	Curtain	Size 3'-0"x7'-0"
Lateral File Cabinets	Other	Type Single Flush
2 drawer		Operable Wall
3 drawer	ADJACENCY CRITERIA	Vision Panel x
Vertical File Cabinets	Primary Adjacency	Special Hardware or Seals
2 drawer	Secondary Adjacency	
3 drawer		
Guest Chairs X	PERFORMANCE REQUIREMENTS	SECURITY
Conference Table X	NC Acoustical Criteria	Locks
Markerboard X	Acoustical Panels	Card Access
Tackboard X	Privacy Criteria	Calu Access
	Other Criteria	

REMARKS:

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	-		





BRAPHIC SCALE: 1/6 - 1/0

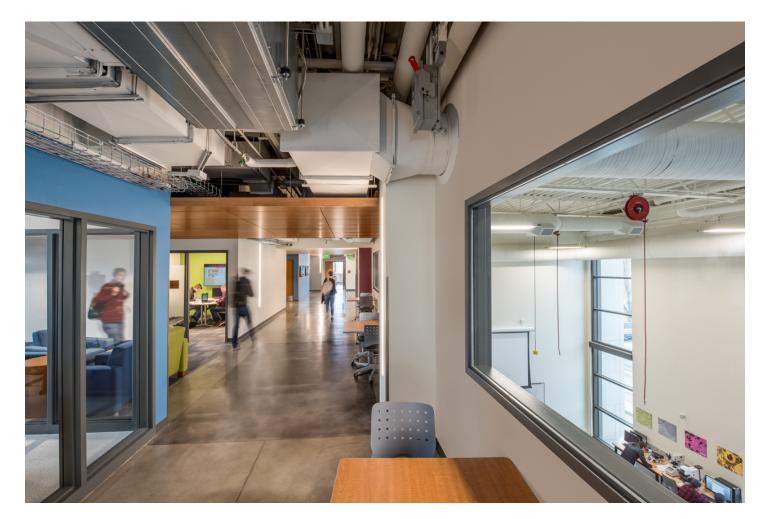
D3-8 MEDIUM MEETING ROOM 15p RESEARCH OFFICES & WORKSPACES

	Sinks Standard
	Standard
	otanidand
х	ADA
	Scullery
	Other
	ELECTRICAL
	Electrical Raceway
	110V, 20A, 1 Phase
х	208V, 30A, 1 Phase
	208V, 30A, 3 Phase
	480V, 100A, 3 Phase
х	Emergency/ Standby Po
	UPS (OFOI)
	Other
	LIGHTING
	Lighting Level
	80-100 fc at bench/de
х	30-60 fc at bench/des
	Task Lighting
	Darkenable or Dimmable
Exhaust	Special Lighting
	Natural Daylight Preferre
K/ FURNITURE	EQUIPMENT
	Exam Table
	Integrated Diagnostic wa
	Patient Bed
	Bed Locater
	Headwall
	Computer Terminal
6	Curtain track
	Curtain
	Other
	ADJACENCY CRITERIA
	Primary Adjacency
	Secondary Adjacency
Х	PERFORMANCE REQU
Х	NC Acoustical Criteria
X	Acoustical Panels
	Privacy Criteria
	Other Criteria
	x x Exhaust K/ FURNITURE

	AV	
	Distance Learning	
	Video Conferencing X	
	Projection Surface	-
	Flat screen Monitors X	-
	Power at Table X	-
	Data at Table X	-
	Lectern or Other	-
	Ceiling Speakers	-
		-
	ARCHITECTURAL	
y	Walls/Partitions	
se x	GWB, Paint X	
se <u>×</u>	GWB, Epoxy Paint	-
Se	Other	-
ase	Wall Protection	-
lby Power	Corner Guards	
	Crash Rails	-
		_
	Other	_
	Flooring	
	VCT/ Vinyl free tile X	_
	Sheet Vinyl	_
nch/desk (labs)	Concrete	_
ch/desk X	Resinous/ Epoxy	_
	Carpet	_
mable	Other	_
	Base	
referred Yes	4" Rubber	_
	Integral w/floor	_
	Ceiling	
	Open	
stic wall system	Acoustic Tile X	
	Gyp. Board	
	Height	_
	Window	
al	One way glass	
	Doors	-
	Size 3'-0"x7'-0"	
	Type Single Flush	_
	Operable Wall	-
TERIA	Vision Panel x	-
/	Special Hardware or Seals	-
ncy		-
, <u> </u>		
REQUIREMENTS	SECURITY	
eria	Locks	
	Card Access	-
		-

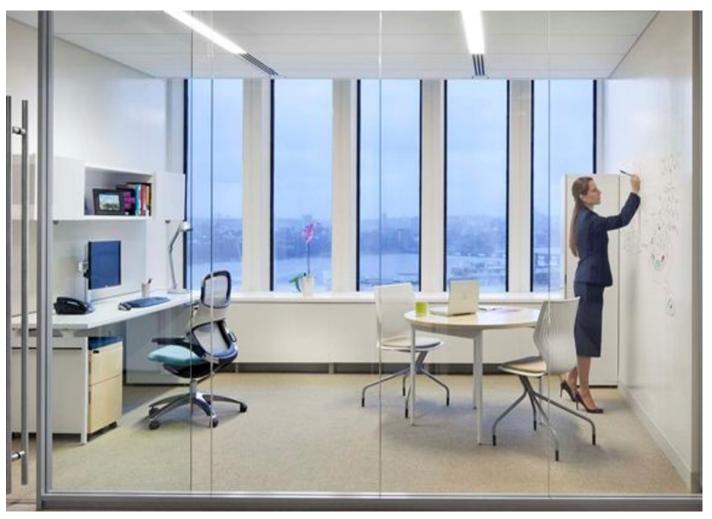








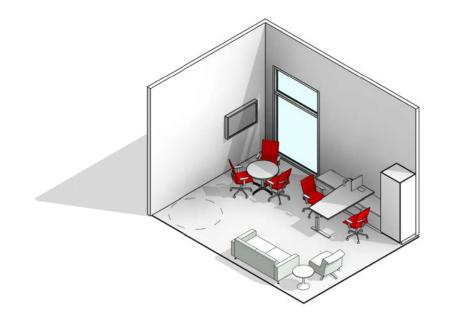


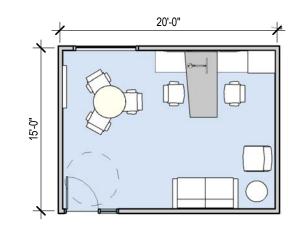


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E - DEANS SUITE, OFFICES AND SHARED WORKPLACE







c	RAPHIC SC	ALE: 1/8	3" = 1'-	0*		
o				5'	10'	20'

E1-1 DEAN/DIRECTOR'S OFFICE SON - DEANS SUITE

UTILIZATION		PLUMBING
Hours of Operation		Sinks
8 hours/day		Standard
14 hours/day	х	ADA
24 hours/day		Scullery
		Other
CLASSROOM OCCUPANY		
No. Of Occupants		
MECHANICAL		ELECTRICAL
Temperature		Electrical Raceway
70°-75° ± 1°F		110V, 20A, 1 Phase
72°F ± 2°F	х	208V, 30A, 1 Phase
Other		208V, 30A, 3 Phase
Humidity		480V, 100A, 3 Phase
50%- 25%± 5%	х	Emergency/ Standby Power
Uncontrolled		UPS (OFOI)
Other < 50%		Other
15 ACH (Min)		
10 ACH (Min)		LIGHTING
6 ACH (Min)		Lighting Level
100% Make-up Air		80-100 fc at bench/desk (
Recirculated Air	х	30-60 fc at bench/desk (o

10 ACH (Min)		LIGHTING	
6 ACH (Min)		Lighting Level	
100% Make-up Air		80-100 fc at bench/desk (l	ab
Recirculated Air	х	30-60 fc at bench/desk (of	fic
Air Pressure Positive		Task Lighting	
Air Pressure Negative		Darkenable or Dimmable	
Air Filtration at Supply or Exhau	st	Special Lighting	
Other		Natural Daylight Preferred or	no
CASEWORK/MILLWORK/ FUR	RNITURE	EQUIPMENT	
Space Type		Refrigerator	
Private	х	Microwave	
Semi Private		Coffee Machine	
Open		Dishwasher	
Guest Seating	х	Printer/ Scanner	
Table w/ seating for 2-3	х	Plotter	
Wall Cabinets or Shelves	х	Copier	
Sofa/ Lounge chair	х	Computers	
Flexible Furniture		Other	
Lateral File Cabinets			
2 drawer		ADJACENCY CRITERIA	
3 drawer		Primary Adjacency	
Vertical File Cabinets		Secondary Adjacency	
2 drawer	x		
3 drawer		PERFORMANCE REQUIREM	٨E
Bookcases	х	NC Acoustical Criteria	
Conference Table		Acoustical Panels	
Markerboard	х	Privacy Criteria	
Tackboard		Testing Criteria	
		STC Rating	

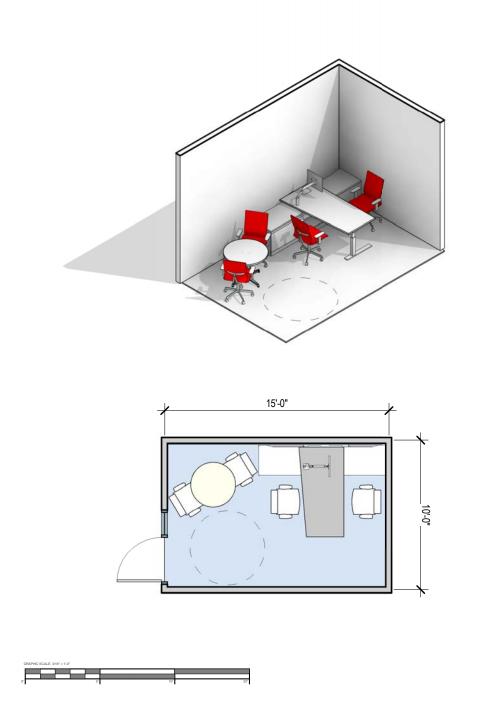
Tackboard

REMARKS:

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	AV	
	Distance Learning	
	Video Conferencing	x
	Projection Surface	
	Flat screen Monitors	
	Power at Table	<u> </u>
		Х
	Data at Table	Х
	Lectern or Other	
	Smartboard	
	ARCHITECTURAL	
х	Walls/Partitions	
	GWB, Paint	х
	GWB, Epoxy Paint	
	CMU, Paint	
	Other	
	Wall Protection	
·		
	Corner Guards	
	Crash Rails	
	Other	
	Flooring	
bs)	VCT/ Vinyl free tile	Х
ce: 30	Sheet Vinyl	
х	Concrete	
х	Resinous/ Epoxy	
	Carpet	
ot x	Other	
	Base	
	4" Rubber	×
	Integral w/floor	X
	•	
	Ceiling	
	Open	
	Acoustic Tile	Х
	Gyp. Board	
	Height	
	Doors	
	Size	3'-0"x7'-0"
	Туре	Single Flush
	Operable Wall	
Reception/ Waiting	Vision Panel	х
Board Room	Special Hardware or Sea	ls
ENTS	SECURITY	
35-40	Locks	
	Card Access	x
High		~
riigii		
40-45		
40-40		

AV/

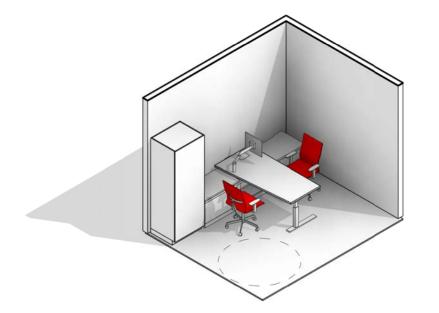


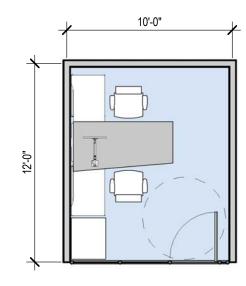
UTILIZATION		PLUMBING
Hours of Operation		Sinks
8 hours/day	х	Standard
14 hours/day		ADA
24 hours/day		Scullery
		Other
CLASSROOM OCCUPAN	(
No. Of Occupants		
MECHANICAL		ELECTRICAL
Temperature		Electrical Raceway
70°-75° ± 1°F		110V, 20A, 1 Phase
72°F ± 2°F	х	208V, 30A, 1 Phase
Other		208V, 30A, 3 Phase
Humidity		480V, 100A, 3 Phase
50%- 25%± 5%	х	Emergency/ Standby Power
Uncontrolled		UPS (OFOI)
Other < 50%		Other
15 ACH (Min)		
10 ACH (Min)		LIGHTING
6 ACH (Min)		Lighting Level
100% Make-up Air		80-100 fc at bench/desk (lat
Recirculated Air	Х	30-60 fc at bench/desk (offic
Air Pressure Positive		Task Lighting
Air Pressure Negative		Darkenable or Dimmable
Air Filtration at Supply or E	xhaust	Special Lighting
		1 0 0
Other		Natural Daylight Preferred or no
Other CASEWORK/MILLWORK/	FURNITURE	Natural Daylight Preferred or no
CASEWORK/MILLWORK/	FURNITURE	
CASEWORK/MILLWORK/	FURNITURE	EQUIPMENT Refrigerator Microwave
CASEWORK/MILLWORK/ Space Type		EQUIPMENT Refrigerator
CASEWORK/MILLWORK/ Space Type Private		EQUIPMENT Refrigerator Microwave
CASEWORK/MILLWORK/ Space Type Private Semi Private Open		EQUIPMENT Refrigerator Microwave Coffee Machine
CASEWORK/MILLWORK/ Space Type Private Semi Private Open Guest Seating Table w/ seating for 2-3		EQUIPMENT Refrigerator Microwave Coffee Machine Dishwasher
CASEWORK/MILLWORK/ Space Type Private Semi Private Open Guest Seating Table w/ seating for 2-3		EQUIPMENT Refrigerator Microwave Coffee Machine Dishwasher Printer/ Scanner
CASEWORK/MILLWORK/ Space Type Private Semi Private Open Guest Seating Table w/ seating for 2-3 Wall Cabinets or Shelves	x	EQUIPMENT Refrigerator Microwave Coffee Machine Dishwasher Printer/ Scanner Plotter
CASEWORK/MILLWORK/ Space Type Private Semi Private Open Guest Seating Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair	x	EQUIPMENT Refrigerator Microwave Coffee Machine Dishwasher Printer/ Scanner Plotter Copier
CASEWORK/MILLWORK/ Space Type Private Semi Private Open Guest Seating Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture	x	EQUIPMENT Refrigerator Microwave Coffee Machine Dishwasher Printer/ Scanner Plotter Copier Computers
CASEWORK/MILLWORK/ Space Type Private Semi Private Open Guest Seating Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture	x	EQUIPMENT Refrigerator Microwave Coffee Machine Dishwasher Printer/ Scanner Plotter Copier Computers
CASEWORK/MILLWORK/ Space Type Private Semi Private Open Guest Seating Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture Lateral File Cabinets 2 drawer 3 drawer	x	EQUIPMENT Refrigerator Microwave Coffee Machine Dishwasher Printer/ Scanner Plotter Copier Copier Computers Other ADJACENCY CRITERIA Primary Adjacency
CASEWORK/MILLWORK/ Space Type Private Semi Private Open Guest Seating Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture Lateral File Cabinets 2 drawer 3 drawer	x	EQUIPMENT Refrigerator Microwave Coffee Machine Dishwasher Printer/ Scanner Plotter Copier Copier Computers Other ADJACENCY CRITERIA
CASEWORK/MILLWORK/ Space Type Private Semi Private Open Guest Seating Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture Lateral File Cabinets 2 drawer 3 drawer	x	EQUIPMENT Refrigerator Microwave Coffee Machine Dishwasher Printer/ Scanner Plotter Copier Copier Computers Other ADJACENCY CRITERIA Primary Adjacency
CASEWORK/MILLWORK/ Space Type Private Semi Private Open Guest Seating Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture Lateral File Cabinets 2 drawer 3 drawer Vertical File Cabinets	x	EQUIPMENT Refrigerator Microwave Coffee Machine Dishwasher Printer/ Scanner Plotter Copier Computers Other ADJACENCY CRITERIA Primary Adjacency Secondary Adjacency
CASEWORK/MILLWORK/ Space Type Private Semi Private Open Guest Seating Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture Lateral File Cabinets 2 drawer 3 drawer Vertical File Cabinets 2 drawer	x	EQUIPMENT Refrigerator Microwave Coffee Machine Dishwasher Printer/ Scanner Plotter Copier Computers Other ADJACENCY CRITERIA Primary Adjacency Secondary Adjacency Secondary Adjacency NC Acoustical Criteria
CASEWORK/MILLWORK/ Space Type Private Semi Private Open Guest Seating Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture Lateral File Cabinets 2 drawer 3 drawer Vertical File Cabinets 2 drawer 3 drawer 3 drawer	x	EQUIPMENT Refrigerator Microwave Coffee Machine Dishwasher Printer/ Scanner Plotter Copier Computers Other ADJACENCY CRITERIA Primary Adjacency Secondary Adjacency
CASEWORK/MILLWORK/ Space Type Private Semi Private Open Guest Seating Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture Lateral File Cabinets 2 drawer 3 drawer Vertical File Cabinets 2 drawer 3 drawer Bookcases Conference Table Markerboard	x	EQUIPMENT Refrigerator Microwave Coffee Machine Dishwasher Printer/ Scanner Plotter Copier Computers Other ADJACENCY CRITERIA Primary Adjacency Secondary Adjacency Secondary Adjacency PERFORMANCE REQUIREME NC Acoustical Criteria Acoustical Panels Privacy Criteria
CASEWORK/MILLWORK/ Space Type Private Semi Private Open Guest Seating Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture Lateral File Cabinets 2 drawer 3 drawer Vertical File Cabinets 2 drawer 3 drawer Bookcases Conference Table Markerboard	x	EQUIPMENT Refrigerator Microwave Coffee Machine Dishwasher Printer/ Scanner Plotter Copier Computers Other ADJACENCY CRITERIA Primary Adjacency Secondary Adjacency Secondary Adjacency PERFORMANCE REQUIREME NC Acoustical Criteria Acoustical Panels Privacy Criteria Testing Criteria
CASEWORK/MILLWORK/ Space Type Private Semi Private Open Guest Seating Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture Lateral File Cabinets 2 drawer 3 drawer Vertical File Cabinets 2 drawer 3 drawer Bookcases Conference Table Markerboard Tackboard	x	Refrigerator Microwave Coffee Machine Dishwasher Printer/ Scanner Plotter Copier Computers Other ADJACENCY CRITERIA Primary Adjacency Secondary Adjacency PERFORMANCE REQUIREME NC Acoustical Criteria Acoustical Panels Privacy Criteria
CASEWORK/MILLWORK/ Space Type Private Semi Private Open Guest Seating Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture Lateral File Cabinets 2 drawer 3 drawer Vertical File Cabinets 2 drawer 3 drawer Vertical File Cabinets 2 drawer 3 drawer Sookcases Conference Table Markerboard Tackboard	x	EQUIPMENT Refrigerator Microwave Coffee Machine Dishwasher Printer/ Scanner Plotter Copier Computers Other ADJACENCY CRITERIA Primary Adjacency Secondary Adjacency Secondary Adjacency PERFORMANCE REQUIREME NC Acoustical Criteria Acoustical Panels Privacy Criteria Testing Criteria STC Rating
CASEWORK/MILLWORK/ Space Type Private Semi Private Open Guest Seating Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture Lateral File Cabinets 2 drawer 3 drawer Vertical File Cabinets 2 drawer 3 drawer Vertical File Cabinets 2 drawer 3 drawer Sookcases Conference Table Markerboard Tackboard	x	EQUIPMENT Refrigerator Microwave Coffee Machine Dishwasher Printer/ Scanner Plotter Copier Computers Other ADJACENCY CRITERIA Primary Adjacency Secondary Adjacency Secondary Adjacency PERFORMANCE REQUIREME NC Acoustical Criteria Acoustical Panels Privacy Criteria Testing Criteria

E1-2 ASSOCIATE/ASSISTANT DEAN OFFICES SON - DEANS SUITE

	AV	
	Distance Learning	
	Video Conferencing	
	Projection Surface	
	Flat screen Monitors	
	Power at Table	
	Data at Table	
	Lectern or Other	
	Smartboard	
	Smanboard	
	ARCHITECTURAL	
x	Walls/Partitions	
	GWB, Paint	X
	GWB, Epoxy Paint	
	CMU, Paint	
	Other	
	Wall Protection	
	Corner Guards	
	Crash Rails	
	Other	
	Flooring	
abs)	VCT/ Vinyl free tile	х
fice: x	Sheet Vinyl	
	Concrete	
	Resinous/ Epoxy	
·	Carpet	
not x	Other	
	Base	
	4" Rubber	x
	Integral w/floor	
	Ceiling	
X	Open	
	Acoustic Tile	х
X	Gyp. Board	х
	Height	
Х		
	Doors	
	Size	
	Туре	
	Operable Wall	
Reception/Waiting	Vision Panel	
Dean's Ofice	Special Hardware or S	eals
IENTS	SECURITY	
35-40	Locks	
	Card Access	х
		-
40-45		
0-10		
tertop space. Multipurp	ose room	
tertop space. Multipulp		









E1-3 DIRECTORS/ADVISORS/ASST TO THE DEAN SON - DEANS SUITE

JON DEANS JONE	
UTILIZATION	PLUMBING
Hours of Operation	Sinks
8 hours/day x	Standard
14 hours/day	ADA
24 hours/day	Scullery
	Other
CLASSROOM OCCUPANY	
No. Of Occupants	
MECHANICAL	ELECTRICAL
Temperature	Electrical Raceway
70°-75° ± 1°F	110V, 20A, 1 Phase
72°F ± 2°F x	208V, 30A, 1 Phase
Other	208V, 30A, 3 Phase
Humidity	480V, 100A, 3 Phase
50%- 25%± 5% x	Emergency/ Standby Power
Uncontrolled	UPS (OFOI)
Other < 50%	Other
15 ACH (Min)	
10 ACH (Min)	LIGHTING
6 ACH (Min)	Lighting Level
100% Make-up Air	80-100 fc at bench/desk (labs
Recirculated Air x	30-60 fc at bench/desk (office
Air Pressure Positive	Task Lighting
Air Pressure Negative	Darkenable or Dimmable
Air Filtration at Supply or Exhaust	Special Lighting
Other	Natural Daylight Preferred or not
CASEWORK/MILLWORK/ FURNITURE	EQUIPMENT
Space Type	Refrigerator
Private	Microwave
Semi Private x	Coffee Machine
Open	Dishwasher
Guest Seating	Printer/ Scanner
Table w/ seating for 2-3	Plotter
Wall Cabinets or Shelves x	Copier
Sofa/ Lounge chair	Computers
Flexible Furniture	Other

Lateral File Cabinets

2 drawer

3 drawer Vertical File Cabinets 2 drawer

3 drawer Bookcases Conference Table Markerboard Tackboard REMARKS:

ADJACENCY CRITERIA

Primary Adjacency Secondary Adjacency

PERFORMANCE REQUIREMEN

NC Acoustical Criteria
Acoustical Panels
Privacy Criteria
Testing Criteria
STC Rating

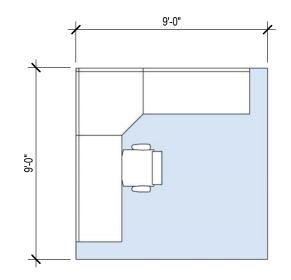
Should include secure storage space, coat closet, copy/ print/fax and countertop space. Multipurpose room



=	AV Distance Learning Video Conferencing Projection Surface Flat screen Monitor Power at Table Data at Table Lectern or Other Smartboard
X	ARCHITECTURAL Walls/Partitions GWB, Paint GWB, Epoxy P CMU, Paint Other
	Wall Protection Corner Guards Crash Rails Other
s) e: <u>x</u>	Flooring VCT/ Vinyl free Sheet Vinyl Concrete
t x	Resinous/ Epo Carpet Other
	Base 4" Rubber Integral w/floor
x 	Ceiling Open Acoustic Tile Gyp. Board
X	Height
	Doors Size
Reception/Waiting Dean's Ofice	Type Operable Wall Vision Panel Special Hardwa
NTS	SECURITY
35-40	Locks Card Access
40-45	

	Distance Learning	
	Video Conferencing	
	Projection Surface	
-		
-	Flat screen Monitors	
_	Power at Table	
	Data at Table	
	Lectern or Other	
	Smartboard	
	ARCHITECTURAL	
-	Walls/Partitions	
-		
_	GWB, Paint	Х
	GWB, Epoxy Paint	
-	CMU, Paint	
-	Other	
-		
_	Wall Protection	
	Corner Guards	
-	Crash Rails	
	Other	
	Flooring	
	VCT/ Vinyl free tile	х
	Sheet Vinyl	
-	•	
_	Concrete	
_	Resinous/ Epoxy	
	Carpet	
	Other	
-	Base	
	4" Rubber	Х
_	Integral w/floor	
	Ceiling	
-	Open	
-		
-	Acoustic Tile	Х
_	Gyp. Board	Х
	Height	
-	-	
-	Doors	
-		
_	Size	
	Туре	
	Operable Wall	
na	Vision Panel	
ng		la
_	Special Hardware or Sea	lis
	SECURITY	
	Locks	
-	Card Access	x
-	Card Access	^
_		
_		
-		
-		





G	RAPHIC SC/	ALE: 1/4" = 1'-	0*		
1					
0'				5'	10'

UTILIZATION	
Hours of Operation	
8 hours/day	
14 hours/day	Х
24 hours/day	

CLASSROOM OCCUPANY No. Of Occupants

MECHANICAL
Temperature
70°-75° ± 1°F
72°F ± 2°F
Other
Humidity
50%- 25%± 5%
Uncontrolled
Other < 50%
15 ACH (Min)
10 ACH (Min)
6 ACH (Min)
100% Make-up Air
Recirculated Air
Air Pressure Positive
Air Pressure Negative
Air Filtration at Supply or Exha
Other

naust

CASEWORK/MILLWORK/ FURNITURE Space Type Private Semi Private Open Guest Seating Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture Lateral File Cabinets 2 drawer 3 drawer

Vertical File Cabinets 2 drawer 3 drawer Bookcases Conference Table



NC Acoustical Criteria Acoustical Panels Privacy Criteria

Testing Criteria STC Rating

REMARKS:

ELECTRICAL Electrical Raceway 110V, 20A, 1 Phase 208V, 30A, 1 Phase 208V, 30A, 3 Phase 480V, 100A, 3 Phase Emergency/ Standby Power UPS (OFOI)

PLUMBING Sinks Standard ADA Scullery Other

LIGHTING

Other

Lighting Level 80-100 fc at bench/desk (lab 30-60 fc at bench/desk (offic Task Lighting Darkenable or Dimmable Special Lighting Natural Daylight Preferred or no

EQUIPMENT

Refrigerator Microwave Coffee Machine Dishwasher Printer/ Scanner Plotter Copier Computers

Other

х

ADJACENCY CRITERIA

Primary Adjacency Secondary Adjacency

PERFORMANCE REQUIREME

E1-4 **OFFICE SUPPORT SPECIALISTS** SON - DEANS SUITE

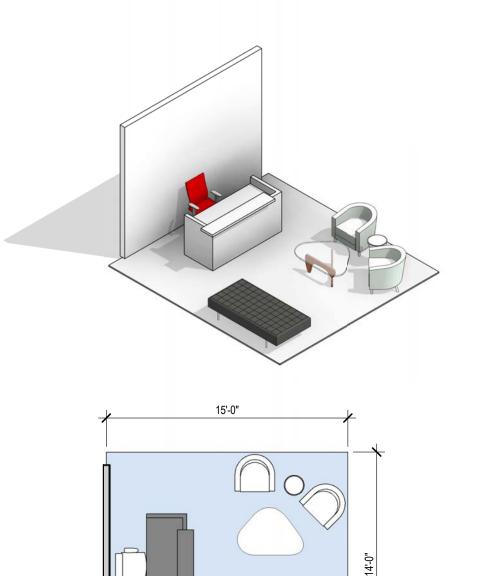
	AV Distance Learning Video Conferencing Projection Surface Flat screen Monitors Power at Table Data at Table Lectern or Other Smartboard	
	ARCHITECTURAL Walls/Partitions GWB, Paint GWB, Epoxy Paint CMU, Paint Other Wall Protection Corner Guards Crash Rails Other Flooring VCT/ Vinyl free tile Sheet Vinyl Concrete Resinous/ Epoxy	x
ot x	Carpet Other	
	Base 4" Rubber Integral w/floor Ceiling Open Acoustic Tile Gyp. Board Height	
Dean's Office Reception/ Waiting	Doors Size Type Operable Wall Vision Panel Special Hardware or Sea	3'-0"x7'-0" Single Flush x als
ENTS	SECUDITY	
35-40 	SECURITY Locks Card Access	
		1



E1-5 GROWTH/FUTURE HIRES ADMINISTRATION & FACULTY

UTILIZATION	PLUMBING		AV	
Hours of Operation	Sinks		Distance Learning	
8 hours/day	Standard		Video Conferencing	
14 hours/day	x ADA		Projection Surface	
24 hours/day	Scullery		Flat screen Monitors	
	Other		Power at Table	х
	-		Data at Table	х
CLASSROOM OCCUPANY			Lectern or Other	
No. Of Occupants 1	to 2		Smartboard	
MECHANICAL	ELECTRICAL			
Temperature	Electrical Raceway		ARCHITECTURAL	
, 70°-75° ± 1°F	110V, 20A, 1 Phase	x	Walls/Partitions	
	x 208V, 30A, 1 Phase		GWB, Paint	х
Other	208V, 30A, 3 Phase		GWB, Epoxy Paint	
Humidity	480V, 100A, 3 Phase		CMU, Paint	
50%- 25%± 5%	x Emergency/ Standby Power		Other	
Uncontrolled	UPS (OFOI)		Wall Protection	
Other < 50%	Other		Corner Guards	
15 ACH (Min)			Crash Rails	
10 ACH (Min)	LIGHTING		Other	
6 ACH (Min)	Lighting Level		Flooring	
100% Make-up Air	80-100 fc at bench/desk (labs)		VCT/ Vinyl free tile	х
	x 30-60 fc at bench/desk (offices	30	Sheet Vinyl	<u> </u>
Air Pressure Positive	Task Lighting	X	Concrete	
Air Pressure Negative	Darkenable or Dimmable	^	Resinous/ Epoxy	
Air Filtration at Supply or Exhaust	Special Lighting		Carpet	
Other	Natural Daylight Preferred or not	x	Other	
			Base	
CASEWORK/MILLWORK/ FURNITU	URE EQUIPMENT		4" Rubber	х
Space Type	Refrigerator		Integral w/floor	
Private	x Microwave		Ceiling	
Semi Private	Coffee Machine		Open	
Open	Dishwasher		Acoustic Tile	х
Guest Seating	x Printer/ Scanner		Gyp. Board	
Table w/ seating for 2-3	Plotter		Height	9'
Wall Cabinets or Shelves	Copier		-	
Sofa/ Lounge chair	Computers	x	Doors	
Flexible Furniture	Other		Size	3'-0"x7'-0"
Lateral File Cabinets			Туре	Single Flush
2 drawer	ADJACENCY CRITERIA		Operable Wall	<u> </u>
3 drawer	Primary Adjacency		Vision Panel	Х
Vertical File Cabinets	Secondary Adjacency		Special Hardware or Seal	s
2 drawer	x		· ·	
3 drawer	PERFORMANCE REQUIREMENT	S	SECURITY	
Bookcases	x NC Acoustical Criteria	35-40	Locks	
Conference Table	Acoustical Panels		Card Access	х
	x Privacy Criteria	Yes	-	
Tackboard	Testing Criteria		-	
	STC Rating	40-45		
REMARKS:				

Consider a forward thinking workplace environment. Open environment or if enclosed, to be glass fronted and have enough room to maneouver a wheelchair. Sit-stand ergonomic furniture.



UTILIZATION		PLUMBING
Hours of Operation		Sinks
8 hours/day	х	Standard
14 hours/day		ADA
24 hours/day		Scullery

Sinks Standard ADA Scullery Other

CLASSROOM OCCUPANY No. Of Occupants

MECHANICAL
Temperature
70°-75° ± 1°F
72°F ± 2°F
Other
Humidity
50%- 25%± 5%
Uncontrolled
Other < 50%
15 ACH (Min)
10 ACH (Min)
6 ACH (Min)
100% Make-up Air
Recirculated Air
Air Pressure Positive
Air Pressure Negative
Air Filtration at Supply or Exha
Other
_

ust

CASEWORK/MILLWORK/ FURNITURE Space Type Private Semi Private Open Guest Seating Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture Lateral File Cabinets 2 drawer 3 drawer Vertical File Cabinets 2 drawer



NC Acoustical Criteria Acoustical Panels Privacy Criteria Testing Criteria STC Rating

REMARKS:



ELECTRICAL Electrical Raceway 110V, 20A, 1 Phase 208V, 30A, 1 Phase 208V, 30A, 3 Phase 480V, 100A, 3 Phase Emergency/ Standby Power UPS (OFOI) Other

LIGHTING

Lighting Level 80-100 fc at bench/desk (labs) 30-60 fc at bench/desk (offices Task Lighting Darkenable or Dimmable Special Lighting Natural Daylight Preferred or not

EQUIPMENT

Refrigerator Microwave Coffee Machine Dishwasher Printer/ Scanner Plotter Copier

Computers Other

х

ADJACENCY CRITERIA

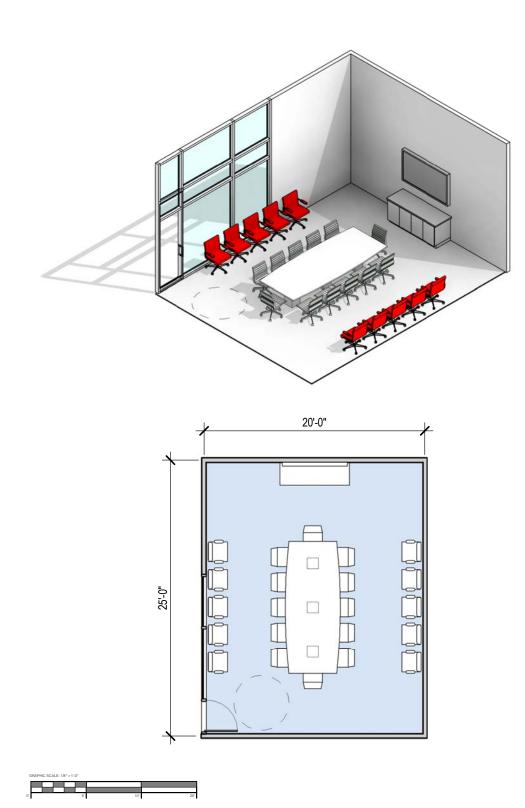
Primary Adjacency Secondary Adjacency

PERFORMANCE REQUIREMEN

E1-6 **RECEPTION/WAITING** SON - DEANS SUITE

	AV	
	Distance Learning	
	Video Conferencing	
	Projection Surface	
	Flat screen Monitors	х
	Power at Table	
	Data at Table	
	Lectern or Other	
	Smartboard	
	ARCHITECTURAL	
Х	Walls/Partitions	
	GWB, Paint	х
	GWB, Epoxy Paint	
	CMU, Paint	
	Other	
	Wall Protection	
	Corner Guards	
	Crash Rails	
	Other	
	Flooring	
	VCT/ Vinyl free tile	х
х	Sheet Vinyl	
	Concrete	
	Resinous/ Epoxy	
	Carpet	
х	Other	
	Base	
	4" Rubber	x
	Integral w/floor	
	Ceiling	
	Open	
	Acoustic Tile	x
	Gyp. Board	x
	Height	
	Doors	
	Size	
	Туре	
	Operable Wall	
Dean's Office	Vision Panel	
Board Room	Special Hardware or Sea	als
TS	SECURITY	
35-40	Locks	
	Card Access	х
40-45		





E1-7 **BOARD ROOM** SON - DEANS SUITE

PLUMBING Sinks Standard ADA Scullery Other

CLASSROOM OCCUPANY No. Of Occupants

MECHANICAL Temperature . 70°-75° ± 1°F

72°F ± 2°F Other Humidity 50%- 25%± 5% Uncontrolled Other < 50% 15 ACH (Min) 10 ACH (Min) 6 ACH (Min) 100% Make-up Air Recirculated Air Air Pressure Positive

Air Pressure Negative Air Filtration at Supply or Exhaust Other

CASEWORK/MILLWORK/ FURNITURE Space Type Private Semi Private Open Guest Seating Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair

Flexible Furniture Lateral File Cabinets 2 drawer 3 drawer

Vertical File Cabinets 2 drawer

3 drawer Credenza Conference Table Markerboard Tackboard

480V, 100A, 3 Phase Emergency/ Standby Power UPS (OFOI) Other

ELECTRICAL Electrical Raceway

110V, 20A, 1 Phase

208V, 30A, 1 Phase

208V, 30A, 3 Phase

LIGHTING

Lighting Level 80-100 fc at bench/desk (labs) 30-60 fc at bench/desk (offices Task Lighting Darkenable or Dimmable Special Lighting Natural Daylight Preferred or not

EQUIPMENT Refrigerator

Microwave Coffee Machine Dishwasher Printer/ Scanner Plotter Copier

Computers Other

ADJACENCY CRITERIA

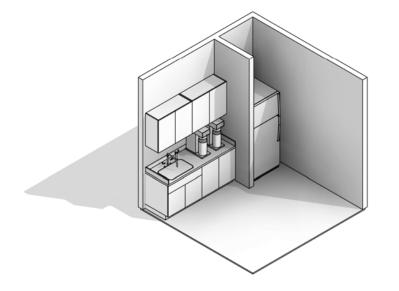
Primary Adjacency Secondary Adjacency

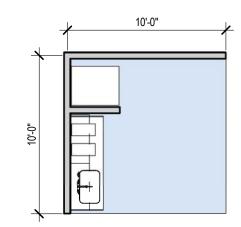
PERFORMANCE REQUIREMENTS

NC Acoustical Criteria Acoustical Panels Privacy Criteria Testing Criteria STC Rating

REMARKS:

	AV	
	Distance Learning	
	Video Conferencing	х
	Projection Surface	
	Flat screen Monitors	x
	Power at Table	X
	Data at Table	x
	Lectern or Other	× ×
	Smartboard	^
	Smanboard	
	ARCHITECTURAL	
Х	Walls/Partitions	
	GWB, Paint	Х
	GWB, Epoxy Paint	
	CMU, Paint	
	Other	
	Wall Protection	
	Corner Guards	
	Crash Rails	
	Other	
	Flooring	
)	VCT/ Vinyl free tile	х
s 30	Sheet Vinyl	X
30	Concrete	
X	Resinous/ Epoxy	
	Carpet	
Х	Other	
	Base	
	4" Rubber	х
	Integral w/floor	
	Ceiling	
	Open	
	Acoustic Tile	х
	Gyp. Board	
	Height	
	-	
	Doors	
	Size	
	Туре	
	Operable Wall	
Deans Ofifice	Vision Panel	
Kitchenette	Special Hardware or Sea	Acquetic Seel
Kilchenelle	Special hardware of Sea	Acoustic Seal
ITS	SECURITY	
		×
35-40	Locks	<u>x</u>
	Card Access	x
40-45		







UTILIZATION Hours of Operation 8 hours/day 14 hours/day 24 hours/day

PLUMBING Sinks Standard ADA Scullery Other

CLASSROOM OCCUPANY No. Of Occupants

MECHANICAL Temperature . 70°-75° ± 1°F 72°F ± 2°F Other Humidity 50%- 25%± 5% Uncontrolled Other < 50% 15 ACH (Min) 10 ACH (Min) 6 ACH (Min) 100% Make-up Air Recirculated Air Air Pressure Positive Air Pressure Negative Air Filtration at Supply or Exhaust Other

CASEWORK/MILLWORK/ FURNITURE

Space Type Private Semi Private Open Guest Seating Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture Lateral File Cabinets 2 drawer 3 drawer Vertical File Cabinets

2 drawer 3 drawer Bookcases Conference Table Markerboard Tackboard

Printer/ Scanner Plotter Copier Computers Other

ADJACENCY CRITERIA

Primary Adjacency Secondary Adjacency

PERFORMANCE REQUIREME NC Acoustical Criteria

Acoustical Panels Privacy Criteria Testing Criteria STC Rating

REMARKS:

ELECTRICAL Electrical Raceway 110V, 20A, 1 Phase 208V, 30A, 1 Phase 208V, 30A, 3 Phase

480V, 100A, 3 Phase Emergency/ Standby Power UPS (OFOI) Other

LIGHTING

Lighting Level 80-100 fc at bench/desk (lab 30-60 fc at bench/desk (offic Task Lighting Darkenable or Dimmable Special Lighting Natural Daylight Preferred or no

EQUIPMENT

Refrigerator Microwave Coffee Machine Dishwasher

E1-8 **KITCHENETTE** SON - DEANS SUITE

	AV	
	Distance Learning	
х	Video Conferencing	
	Projection Surface	
	Flat screen Monitors	
	Power at Table	
	Data at Table	
	Lectern or Other	
	Smartboard	
	ARCHITECTURAL	
х	Walls/Partitions	
	GWB, Paint	x
	GWB, Epoxy Paint	
	CMU, Paint	
	Other	
	Wall Protection	
	Corner Guards	
	Crash Rails	
	Other	
	Flooring	
bs)	VCT/ Vinyl free tile	х
ice: 30	Sheet Vinyl	
	Concrete	
	Resinous/ Epoxy	
	Carpet	
iot x	Other	
ot x		
	Base	
	4" Rubber	X
X	Integral w/floor	
Х	Ceiling	
X	Open	
х	Acoustic Tile	x
	Gyp. Board	
	Height	
	0	
	Doors	
	Size	3'-0"x7'-0"
	Туре	Single Flush
		Single Flush
Decard D	Operable Wall	
Board Room	Vision Panel	
Wqaiting / Reception	Special Hardware or Sea	ais
ENTS	SECURITY	
35-40	Locks	х
	Card Access	Х
40-45		



E1-9 WORK ROOM/STORAGE SON - DEANS SUITE

UTILIZATION		PLUMBING	AV	
Hours of Operation		Sinks	Distance Learning	
8 hours/day		Standard	Video Conferencing	
14 hours/day	х	ADA	Projection Surface	
24 hours/day		Scullery	Flat screen Monitors	
		Other	Power at Table	х
			Data at Table	x
CLASSROOM OCCUPANY			Lectern or Other	
No. Of Occupants			Smartboard	
MECHANICAL		ELECTRICAL		
Temperature		Electrical Raceway	ARCHITECTURAL	
70°-75° ± 1°F		110V, 20A, 1 Phase x	Walls/Partitions	
72°F ± 2°F	х	208V, 30A, 1 Phase	GWB, Paint	х
Other		208V, 30A, 3 Phase	GWB, Epoxy Paint	
Humidity		480V, 100A, 3 Phase	CMU, Paint	
50%- 25%± 5%	x	Emergency/ Standby Power	Other	
Uncontrolled	~	UPS (OFOI)	Wall Protection	
Other < 50%		Other	Corner Guards	
15 ACH (Min)			Crash Rails	
10 ACH (Min)		LIGHTING	Other	
6 ACH (Min)		Lighting Level	Flooring	
100% Make-up Air		80-100 fc at bench/desk (labs)	VCT/ Vinyl free tile	х
Recirculated Air	x	30-60 fc at bench/desk (office: x		^
Air Pressure Positive	^	Task Lighting	Concrete	
Air Pressure Negative		Darkenable or Dimmable	Resinous/ Epoxy	
Air Filtration at Supply or Exha	uct	Special Lighting	Carpet	
Other	usi	Natural Daylight Preferred or not x		
			Base	
CASEWORK/MILLWORK/ FU	RNITURE	EQUIPMENT	4" Rubber	x
Space Type		Refrigerator	Integral w/floor	
Private		Microwave	Ceiling	
Semi Private	x	Coffee Machine	Open	
Open	x	Dishwasher	Acoustic Tile	x
Guest Seating		Printer/ Scanner x		
Table w/ seating for 2-3	x	Plotter x	51	
Wall Cabinets or Shelves	x	Copier x	-	
Sofa/ Lounge chair	~	Computers x		
Flexible Furniture		Other	Size	3'-0"x7'-0"
Lateral File Cabinets			Туре	Single Flush
2 drawer		ADJACENCY CRITERIA	Operable Wall	Cirigio Fidori
3 drawer		Primary Adjacency	Vision Panel	
Vertical File Cabinets		Secondary Adjacency	Special Hardware or Sea	als
2 drawer	x			15
3 drawer	~	PERFORMANCE REQUIREMENTS	SECURITY	
Bookcases	x	NC Acoustical Criteria 35-4		x
Conference Table	^	Acoustical Panels	Card Access	X
Markerboard		Privacy Criteria	Card Access	Χ
Tackboard		Testing Criteria		
		STC Rating 40-4	45	
REMARKS:		40	10	

Should include secure storage space, coat closet, copy/ print/fax and countertop space. Multipurpose room

E1-10 COPY/MAIL AREA SON - DEANS SUITE

UTILIZATION	
Hours of Operation	
8 hours/day	
14 hours/day	
24 hours/day	
	_

PLUMBING Sinks Standard ADA Scullery Other

ELECTRICAL Electrical Raceway

UPS (OFOI)

LIGHTING

Lighting Level

Task Lighting

Special Lighting

EQUIPMENT

Refrigerator

Microwave

Coffee Machine Dishwasher

Printer/ Scanner

ADJACENCY CRITERIA

PERFORMANCE REQUIREMENTS

35-40

40-45

Primary Adjacency

Secondary Adjacency

Plotter

Copier

Other

Computers

Darkenable or Dimmable

Other

110V, 20A, 1 Phase

208V, 30A, 1 Phase

208V, 30A, 3 Phase

480V, 100A, 3 Phase

Emergency/ Standby Power

80-100 fc at bench/desk (labs)

30-60 fc at bench/desk (offices

Natural Daylight Preferred or not

CLASSROOM OCCUPANY
No. Of Occupants

MECHANICALTemperature $70^\circ-75^\circ \pm 1^\circ F$ $72^\circ F \pm 2^\circ F$ OtherHumidity $50\%-25\%\pm 5\%$ UncontrolledOther < 50%</td>15 ACH (Min)10 ACH (Min)10 ACH (Min)100% Make-up AirRecirculated AirAir Pressure PositiveAir Brestive

Air Pressure Positive Air Pressure Negative Air Filtration at Supply or Exhaust Other

CASEWORK/MILLWORK/ FURNITURE Space Type

Private Semi Private Open Guest Seating Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture

Lateral File Cabinets 2 drawer 3 drawer

Vertical File Cabinets 2 drawer



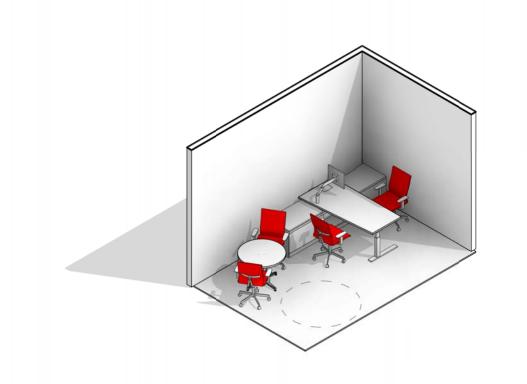
NC Acoustical Criteria Acoustical Panels Privacy Criteria Testing Criteria STC Rating

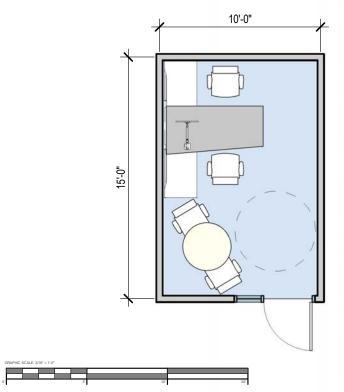
REMARKS:

Southern Illinois University Edwardsville | Health Science Center | Program Document

150	

_		
	AV	
	Distance Learning	
	Video Conferencing	
	Projection Surface	
	Flat screen Monitors	
_		
_	Power at Table	Х
	Data at Table	x
	Lectern or Other	
	Smartboard	
	ARCHITECTURAL	
	Walls/Partitions	
	GWB, Paint	
	,	X
	GWB, Epoxy Paint	
_	CMU, Paint	
	Other	
_	Wall Protection	
_	Corner Guards	
_	Crash Rails	
	Other	
	Flooring	
	VCT/ Vinyl free tile	X
	Sheet Vinyl	
	Concrete	
	Resinous/ Epoxy	
	Carpet	
	Other	
_	Base	
	4" Rubber	X
_	Integral w/floor	
	Ceiling	
	Open	
_	Acoustic Tile	х
	Gyp. Board	
	Height	
	ricigin	
-	Deere	
	Doors	
	Size	
	Туре	
	Operable Wall	
	Vision Panel	
	Special Hardware or Sea	als
	SECURITY	
	Locks	
	Card Access	X
_		
_		





		PLUMBING
Hours of Operation		Sinks
8 hours/day		Standard
14 hours/day	X	ADA
24 hours/day		Scullery
		Other
CLASSROOM OCCUPANY		
No. Of Occupants	1 to 2	
MECHANICAL		ELECTRICAL
Temperature		Electrical Raceway
70°-75° ± 1°F		110V, 20A, 1 Phase
72°F ± 2°F	Х	208V, 30A, 1 Phase
Other		208V, 30A, 3 Phase
Humidity		480V, 100A, 3 Phase
50%- 25%± 5%	Х	Emergency/ Standby Pov
Uncontrolled		UPS (OFOI)
Other < 50%		Other
15 ACH (Min)		
10 ACH (Min)		LIGHTING
6 ACH (Min)		Lighting Level
100% Make-up Air		80-100 fc at bench/de
Recirculated Air	Х	30-60 fc at bench/desl
Air Pressure Positive		Task Lighting
Air Pressure Negative		Darkenable or Dimmable
Air Filtration at Supply or Exh	aust	Special Lighting
Other		Natural Daylight Preferred
CASEWORK/MILLWORK/ F	URNITURE	EQUIPMENT
Space Туре		Refrigerator
Private	Х	Microwave
Semi Private		Coffee Machine
Open		Dishwasher
Cupat Capting	х	Printer/ Scanner
Guest Seating	~	
Table w/ seating for 2-3		Plotter
e e		
Table w/ seating for 2-3		Plotter
Table w/ seating for 2-3 Wall Cabinets or Shelves		Plotter Copier
Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair		Plotter Copier Computers Other
Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture Lateral File Cabinets 2 drawer		Plotter Copier Computers Other ADJACENCY CRITERIA
Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture Lateral File Cabinets 2 drawer 3 drawer		Plotter Copier Computers Other ADJACENCY CRITERIA Primary Adjacency
Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture Lateral File Cabinets 2 drawer		Plotter Copier Computers Other ADJACENCY CRITERIA
Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture Lateral File Cabinets 2 drawer 3 drawer		Plotter Copier Computers Other ADJACENCY CRITERIA Primary Adjacency Secondary Adjacency
Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture Lateral File Cabinets 2 drawer 3 drawer Vertical File Cabinets		Plotter Copier Computers Other ADJACENCY CRITERIA Primary Adjacency Secondary Adjacency
Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture Lateral File Cabinets 2 drawer 3 drawer Vertical File Cabinets 2 drawer 3 drawer Bookcases		Plotter Copier Computers Other ADJACENCY CRITERIA Primary Adjacency Secondary Adjacency
Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture Lateral File Cabinets 2 drawer 3 drawer Vertical File Cabinets 2 drawer 3 drawer 3 drawer		Plotter Copier Computers Other ADJACENCY CRITERIA Primary Adjacency Secondary Adjacency PERFORMANCE REQUI
Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture Lateral File Cabinets 2 drawer 3 drawer Vertical File Cabinets 2 drawer 3 drawer Bookcases		Plotter Copier Computers Other ADJACENCY CRITERIA Primary Adjacency Secondary Adjacency PERFORMANCE REQUI NC Acoustical Criteria
Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture Lateral File Cabinets 2 drawer 3 drawer Vertical File Cabinets 2 drawer 3 drawer Bookcases Conference Table		Plotter Copier Computers Other ADJACENCY CRITERIA Primary Adjacency Secondary Adjacency PERFORMANCE REQUI NC Acoustical Criteria Acoustical Panels
Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture Lateral File Cabinets 2 drawer 3 drawer Vertical File Cabinets 2 drawer 3 drawer Bookcases Conference Table Markerboard		Plotter Copier Computers Other ADJACENCY CRITERIA Primary Adjacency Secondary Adjacency PERFORMANCE REQUI NC Acoustical Criteria Acoustical Panels Privacy Criteria

E1-11 DEPARTMENT CHAIR OFFICES SON - DEANS SUITE

	AV	
	Distance Learning	
	Video Conferencing	
	Projection Surface	
	Flat screen Monitors	
	Power at Table	х
	Data at Table	х
	Lectern or Other	
	Smartboard	
	omariboard	
	ARCHITECTURAL	
Х	Walls/Partitions	
	GWB, Paint	Х
	GWB, Epoxy Paint	
	CMU, Paint	
	Other	
	Wall Protection	
	Corner Guards	
	Crash Rails	
	Other	
	Flooring	
abs)	VCT/ Vinyl free tile	х
fice: 30	Sheet Vinyl	X
X	Concrete	
<u> </u>		
	Resinous/ Epoxy	
	Carpet	
not x	Other	
	Base	
	4" Rubber	Х
	Integral w/floor	
	Ceiling	
	Open	
	Acoustic Tile	Х
	Gyp. Board	
	Height	9'
	0	
Х	Doors	
	Size	3'-0"x7'-0"
	Туре	Single Flush
	Operable Wall	
	Vision Panel	Х
	Special Hardware or Se	als
MENTS	SECURITY	
35-40	Locks	
33-40	Card Access	~
No.	Caru Access	X
Yes		
40.15		
40-45		

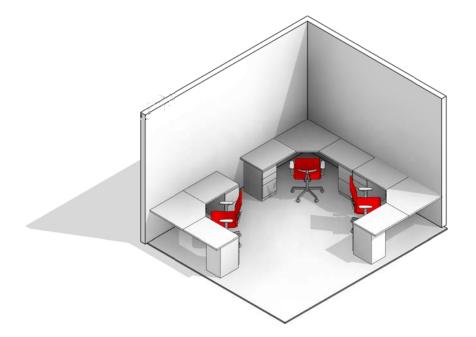
nair. Sit-stand ergonomic furniture.

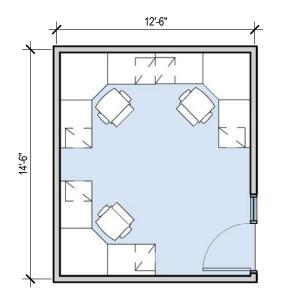


E1-12 FACULTY OFFICES SON - DEANS SUITE

UTILIZATION	PLUMBING	AV
Hours of Operation	Sinks	Distance Learning
8 hours/day	Standard	Video Conferencing
14 hours/day x	ADA	Projection Surface
24 hours/day	Scullery	Flat screen Monitors
	Other	Power at Table x
		Data at Table x
CLASSROOM OCCUPANY		Lectern or Other
No. Of Occupants 1 to 2		Smartboard
MECHANICAL	ELECTRICAL	
Temperature	Electrical Raceway	ARCHITECTURAL
, 70°-75° ± 1°F	110V, 20A, 1 Phase x	Walls/Partitions
72°F ± 2°F x	208V, 30A, 1 Phase	GWB, Paint x
Other	208V, 30A, 3 Phase	GWB, Epoxy Paint
Humidity	480V, 100A, 3 Phase	CMU, Paint
50%-25%±5% x	Emergency/ Standby Power	Other
Uncontrolled	UPS (OFOI)	Wall Protection
Other < 50%	Other	Corner Guards
15 ACH (Min)		Crash Rails
10 ACH (Min)	LIGHTING	Other
6 ACH (Min)	Lighting Level	Flooring
100% Make-up Air	80-100 fc at bench/desk (labs)	VCT/ Vinyl free tile x
Recirculated Air x	30-60 fc at bench/desk (offices 30	Sheet Vinyl
Air Pressure Positive	Task Lighting x	Concrete
Air Pressure Negative	Darkenable or Dimmable	Resinous/ Epoxy
Air Filtration at Supply or Exhaust	Special Lighting	Carpet
Other	Natural Daylight Preferred or not x	Other
		Base
CASEWORK/MILLWORK/ FURNITURE	EQUIPMENT	4" Rubber x
Space Type	Refrigerator	Integral w/floor
Private x	Microwave	Ceiling
Semi Private	Coffee Machine	– Open
Open	Dishwasher	Acoustic Tile x
Guest Seating x	Printer/ Scanner	Gyp. Board
Table w/ seating for 2-3	Plotter	Height 9'
Wall Cabinets or Shelves	Copier	
Sofa/ Lounge chair	Computers x	Doors
Flexible Furniture	Other	Size 3'-0"x7'-0"
Lateral File Cabinets		Type Single Flush
2 drawer	ADJACENCY CRITERIA	Operable Wall
3 drawer	Primary Adjacency	Vision Panel X
Vertical File Cabinets	Secondary Adjacency	Special Hardware or Seals
2 drawer x		
3 drawer	PERFORMANCE REQUIREMENTS	SECURITY
Bookcases x	NC Acoustical Criteria 35-40	Locks
Conference Table	Acoustical Panels	Card Access x
Markerboard x	Privacy Criteria Yes	
Tackboard	Testing Criteria	
	STC Rating 40-45	-
REMARKS:		

Consider a forward thinking workplace environment. Open environment or if enclosed, to be glass fronted and have enough room to maneouver a wheelchair. Sit-stand ergonomic furniture.







UTILIZATION		PLUMBING
Hours of Operation		Sinks
8 hours/day		Standard
14 hours/day	х	ADA
24 hours/day		Scullery
		Other
CLASSROOM OCCUPANY	,	
No. Of Occupants	3	
MECHANICAL		ELECTRICAL
Temperature		Electrical Raceway
70°-75° ± 1°F		110V, 20A, 1 Phase
72°F ± 2°F	Х	208V, 30A, 1 Phase
Other		208V, 30A, 3 Phase
Humidity		480V, 100A, 3 Phase
50%- 25%± 5%	х	Emergency/ Standby Power
Uncontrolled		UPS (OFOI)
Other < 50%		Other
15 ACH (Min)		
10 ACH (Min)		LIGHTING
6 ACH (Min)		Lighting Level
100% Make-up Air		80-100 fc at bench/desk (lal
Recirculated Air	Х	30-60 fc at bench/desk (offi
Air Pressure Positive		Task Lighting
Air Pressure Negative		Darkenable or Dimmable
Air Filtration at Supply or Ex	chaust	Special Lighting
Other		Natural Daylight Preferred or no
CASEWORK/MILLWORK/	FURNITURE	EQUIPMENT
Space Type		Refrigerator
Private	Х	Microwave
Semi Private		Coffee Machine
Open		Dishwasher
Guest Seating	Х	Printer/ Scanner
Table w/ seating for 2-3	X	Printer/ Scanner Plotter
•	X	
Table w/ seating for 2-3	x	Plotter Copier Computers
Table w/ seating for 2-3 Wall Cabinets or Shelves	x	Plotter Copier
Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair	x	Plotter Copier Computers Other
Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture	x	Plotter Copier Computers
Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture Lateral File Cabinets 2 drawer 3 drawer	x	Plotter Copier Computers Other ADJACENCY CRITERIA Primary Adjacency
Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture Lateral File Cabinets 2 drawer	X	Plotter Copier Computers Other ADJACENCY CRITERIA
Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture Lateral File Cabinets 2 drawer 3 drawer	x	Plotter Copier Computers Other ADJACENCY CRITERIA Primary Adjacency Secondary Adjacency
Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture Lateral File Cabinets 2 drawer 3 drawer Vertical File Cabinets		Plotter Copier Computers Other ADJACENCY CRITERIA Primary Adjacency Secondary Adjacency
Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture Lateral File Cabinets 2 drawer 3 drawer Vertical File Cabinets 2 drawer		Plotter Copier Computers Other ADJACENCY CRITERIA Primary Adjacency Secondary Adjacency
Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture Lateral File Cabinets 2 drawer 3 drawer Vertical File Cabinets 2 drawer 3 drawer 3 drawer		Plotter Copier Computers Other ADJACENCY CRITERIA Primary Adjacency Secondary Adjacency PERFORMANCE REQUIREM
Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture Lateral File Cabinets 2 drawer 3 drawer Vertical File Cabinets 2 drawer 3 drawer 3 drawer Bookcases		Plotter Copier Computers Other ADJACENCY CRITERIA Primary Adjacency Secondary Adjacency PERFORMANCE REQUIREM NC Acoustical Criteria
Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture Lateral File Cabinets 2 drawer 3 drawer Vertical File Cabinets 2 drawer 3 drawer Bookcases Conference Table		Plotter Copier Computers Other ADJACENCY CRITERIA Primary Adjacency Secondary Adjacency PERFORMANCE REQUIREM NC Acoustical Criteria Acoustical Panels Privacy Criteria Testing Criteria
Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture Lateral File Cabinets 2 drawer 3 drawer Vertical File Cabinets 2 drawer 3 drawer Bookcases Conference Table Markerboard		Plotter Copier Computers Other ADJACENCY CRITERIA Primary Adjacency Secondary Adjacency PERFORMANCE REQUIREMI NC Acoustical Criteria Acoustical Panels Privacy Criteria

E1-13 SHARED FACULTY OFFICES SON - DEANS SUITE

	AV	
	Distance Learning	
	Video Conferencing	
	Projection Surface	
	Flat screen Monitors	
	Power at Table	х
	Data at Table	х
	Lectern or Other	
	Smartboard	
	ARCHITECTURAL	
x	Walls/Partitions	
X	GWB, Paint	х
	GWB, Epoxy Paint	^
	CMU, Paint	
	Other	
	Wall Protection	
	Corner Guards	
	Crash Rails	
	Other	
	Flooring	
5)	VCT/ Vinyl free tile	х
× 30	Sheet Vinyl	
Х	Concrete	
	Resinous/ Epoxy	
	Carpet	
х	Other	
	Base	
	4" Rubber	х
	Integral w/floor	
	Ceiling	
	Open	
	Acoustic Tile	х
	Gyp. Board	
	Height	9'
	5	-
х	Doors	
	Size	3'-0"x7'-0"
	Туре	Single Flush
	Operable Wall	
	Vision Panel	Х
	Special Hardware or S	eals
NTS	SECURITY	
35-40	Locks	
00-10	Card Access	x
Vca	Caru Access	X
Yes		
40-45		

ent or if enclosed, to be glass fronted and have enough room to maneouver a



E1-14 OFFICE SUPPORT SPECIALISTS SON - DEANS SUITE

UTILIZATION	PLUMBING	AV
Hours of Operation	Sinks	Distance Learning
8 hours/day	Standard	Video Conferencing
14 hours/day X	ADA	Projection Surface
24 hours/day	Scullery	Flat screen Monitors
·	Other	Power at Table x
		Data at Table x
CLASSROOM OCCUPANY		Lectern or Other
No. Of Occupants		Smartboard
·	-	
MECHANICAL	ELECTRICAL	
Temperature	Electrical Raceway	ARCHITECTURAL
70°-75° ± 1°F	110V, 20A, 1 Phase x	Walls/Partitions
72°F ± 2°F x	208V, 30A, 1 Phase	GWB, Paint x
Other	208V, 30A, 3 Phase	GWB, Epoxy Paint
Humidity	480V, 100A, 3 Phase	CMU, Paint
50%-25%±5% x	Emergency/ Standby Power	Other
Uncontrolled	UPS (OFOI)	Wall Protection
Other < 50%	Other	Corner Guards
15 ACH (Min)		Crash Rails
10 ACH (Min)	LIGHTING	Other
6 ACH (Min)	Lighting Level	Flooring
100% Make-up Air	80-100 fc at bench/desk (labs)	VCT/ Vinyl free tile x
Recirculated Air x	30-60 fc at bench/desk (office: x	Sheet Vinvl
		· · · · · · · · · · · · · · · · · · ·
Air Pressure Positive	Task Lighting	Concrete
Air Pressure Negative	Darkenable or Dimmable	Resinous/ Epoxy
Air Filtration at Supply or Exhaust	Special Lighting	Carpet
Other	Natural Daylight Preferred or not x	Other
		Base
	EQUIPMENT	4" Rubber x
Space Type	Refrigerator	Integral w/floor
Private	Microwave	Ceiling
Semi Private x	Coffee Machine	Open
Open	Dishwasher	Acoustic Tile x
Guest Seating	Printer/ Scanner	Gyp. Board
Table w/ seating for 2-3	Plotter	Height
Wall Cabinets or Shelves x	Copier	
Sofa/ Lounge chair	Computers	Doors
Flexible Furniture x	Other	Size 3'-0"x7'-0"
_ateral File Cabinets		Type Single Flush
2 drawer	ADJACENCY CRITERIA	Operable Wall
3 drawer	Primary Adjacency Dean's Office	Vision Panel x
Vertical File Cabinets	Secondary Adjacency Reception/ Waiting	Special Hardware or Seals
2 drawer x		
3 drawer	PERFORMANCE REQUIREMENTS	SECURITY
Bookcases	NC Acoustical Criteria 35-40	Locks
Conference Table	Acoustical Panels	Card Access
Markerboard		
	Privacy Criteria	
Tackboard	Testing Criteria STC Rating40-45	

E1-15 GROWTH/FUTURE HIRES SON - DEANS SUITE

UTILIZATION	PLUMBING
Hours of Operation	Sinks
8 hours/day	Standard
	x ADA
24 hours/day	Scullery
	Other
CLASSROOM OCCUPANY	
No. Of Occupants 11	to 2
MECHANICAL	ELECTRICAL
Temperature	Electrical Raceway
70°-75° ± 1°F	110V, 20A, 1 Phase
72°F ± 2°F	x 208V, 30A, 1 Phase
Other	208V, 30A, 3 Phase
Humidity	480V, 100A, 3 Phase
50%- 25%± 5%	x Emergency/ Standby Power
Uncontrolled	UPS (OFOI)
Other < 50%	Other
15 ACH (Min)	
10 ACH (Min)	LIGHTING
6 ACH (Min)	Lighting Level
100% Make-up Air	80-100 fc at bench/desk (labs)
Recirculated Air	x 30-60 fc at bench/desk (office:
Air Pressure Positive	Task Lighting
Air Pressure Negative	Darkenable or Dimmable
Air Filtration at Supply or Exhaust	Special Lighting
Other	Natural Daylight Preferred or not
CASEWORK/MILLWORK/ FURNITU	IRE EQUIPMENT
Space Type	Refrigerator
Private	x Microwave
Semi Private	Coffee Machine
Open	Dishwasher
Guest Seating	x Printer/ Scanner
Table w/ seating for 2-3	Plotter
Wall Cabinets or Shelves	Copier
Sofa/ Lounge chair	Computers
Flexible Furniture	Other
Lateral File Cabinets	
2 drawer	ADJACENCY CRITERIA
3 drawer	Primary Adjacency
Vertical File Cabinets	Secondary Adjacency
2 drawer	x

3 drawer Bookcases

Conference Table

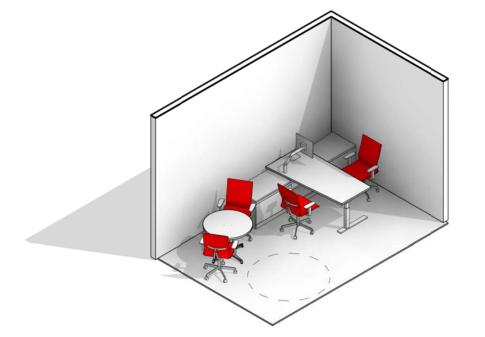
Markerboard Tackboard REMARKS:

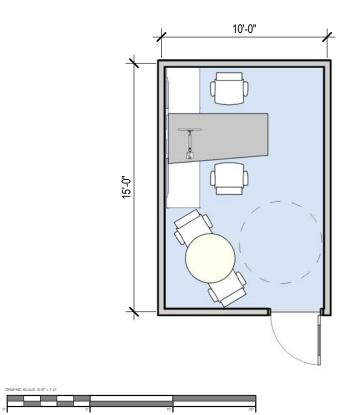
PERFORMANCE REQUIREMENTS
NC Acoustical Criteria

 No / toodottodi officina
Acoustical Panels
Privacy Criteria
Testing Criteria
STC Rating

Consider a forward thinking workplace environment. Open environment or if enclosed, to be glass fronted and have enough room to maneouver a wheelchair. Sit-stand ergonomic furniture.

	AV	
	Distance Learning	
	Video Conferencing	
	Projection Surface	
	Flat screen Monitors	
	Power at Table	х
	Data at Table	х
	Lectern or Other	
	Smartboard	
	ARCHITECTURAL	
Х	Walls/Partitions	
	GWB, Paint	Х
	GWB, Epoxy Paint	
	CMU, Paint	
	Other	
	Wall Protection	
	Corner Guards	
	Crash Rails	
	Other	
	Flooring	
;)	VCT/ Vinyl free tile	x
*/ *: 30	Sheet Vinyl	^
	•	
Х	Concrete	
	Resinous/ Epoxy	
	Carpet	
X	Other	
	Base	
	4" Rubber	Х
	Integral w/floor	
	Ceiling	
	Open	
	Acoustic Tile	х
	Gyp. Board	
	Height	9'
х	Doors	
	Size	3'-0"x7'-0"
	Туре	Single Flush
	Operable Wall	
	Vision Panel	Х
	Special Hardware or Sea	als
NTS 35-40	SECURITY Locks	
30-40		
	Card Access	X
Yes		
40-45		



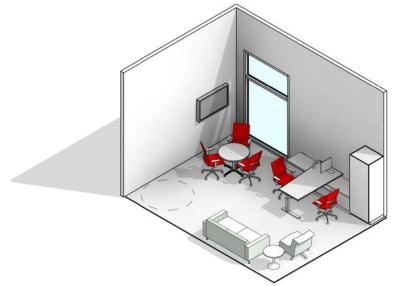


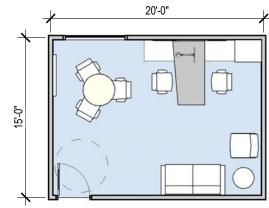
		PLUMBING Sinks
Hours of Operation	×.	Standard
8 hours/day 14 hours/day	X	ADA
24 hours/day		Scullery
2 Thous, day		Other
CLASSROOM OCCUPANY		
No. Of Occupants		
MECHANICAL		ELECTRICAL
Temperature		Electrical Raceway
70°-75° ± 1°F		110V, 20A, 1 Phase
72°F ± 2°F	х	208V, 30A, 1 Phase
Other		208V, 30A, 3 Phase
Humidity		480V, 100A, 3 Phase
50%- 25%± 5%	х	Emergency/ Standby Powe
Uncontrolled		UPS (OFOI)
Other < 50%		Other
15 ACH (Min)		
10 ACH (Min)		LIGHTING
6 ACH (Min)		Lighting Level
100% Make-up Air		80-100 fc at bench/desk
Recirculated Air	х	30-60 fc at bench/desk
Air Pressure Positive		Task Lighting
Air Pressure Negative		Darkenable or Dimmable
Air Filtration at Supply or Exh	aust	Special Lighting
Other		Natural Daylight Preferred
CASEWORK/MILLWORK/ FI		COURMENT
Space Type	JRNITURE	EQUIPMENT Refrigerator
Private		Microwave
Semi Private	x	Coffee Machine
Open		Dishwasher
Guest Seating		Printer/ Scanner
Table w/ seating for 2-3		Plotter
Wall Cabinets or Shelves		Copier
Sofa/ Lounge chair	x	Computers
Flexible Furniture		Other
Lateral File Cabinets		Other
2 drawer		ADJACENCY CRITERIA
3 drawer		
Vertical File Cabinets		Primary Adjacency
		Secondary Adjacency
2 drawer		DEDEODMANOF DEOUR
3 drawer		PERFORMANCE REQUIR NC Acoustical Criteria
Bookcases		
Conference Table		Acoustical Panels
Markerboard	х	Privacy Criteria
Tackboard		Testing Criteria
labito cara		STC Rating
REMARKS:	orage space, coa	t closet, copy/ print/fax and co
REMARKS:	orage space, coa	t closet, copy/ print/fax and co

E1-16 DIRECTORS OFFICE SON - DEANS SUITE

	AV	
	Distance Learning	
	Video Conferencing	
	Projection Surface	
	, Flat screen Monitors	
	Power at Table	
	Data at Table	
	Lectern or Other	
	Smartboard	
	ADOUNTCOTUDAL	
X	Walls/Partitions	
	GWB, Paint	x
	GWB, Epoxy Paint	
	CMU, Paint	
wer	Other	
	Wall Protection	
	Corner Guards	
	Crash Rails	
	Other	
	Flooring	
sk (labs)	VCT/ Vinyl free tile	х
k (office: x	Sheet Vinyl	
	Concrete	
	Resinous/ Epoxy	
	Carpet	
d or not x	Other	-
	Base	
	4" Rubber	x
	Integral w/floor	
	Ceiling	-
X	Open	
	Acoustic Tile	
		X
X	Gyp. Board	x
<u> </u>	Height	
<u> </u>	-	
	Doors	
	Size	
	Туре	
	Operable Wall	
Reception/Waiting	Vision Panel	
Dean's Ofice	Special Hardware or Sea	als
IREMENTS	SECURITY	
35-40	Locks	
	Card Access	х
40-45		
countertop space. Multipurpo	ose room	









E2-1 DEAN/DIRECTOR'S OFFICE SOP - DEANS SUITE

UTILIZATION	
Hours of Operation	
8 hours/day	
14 hours/day	×
24 hours/day	

PLUMBING Sinks Standard ADA Scullery Other

ELECTRICAL

CLASSROOM OCCUPANY No. Of Occupants

MECHANICAL
Temperature
70°-75° ± 1°F
72°F ± 2°F
Other
Humidity
50%- 25%± 5%
Uncontrolled
Other < 50%
15 ACH (Min)
10 ACH (Min)
6 ACH (Min)
100% Make-up Air
Recirculated Air
Air Pressure Positive
Air Pressure Negative
Air Filtration at Supply or Ex
Other

Electrical Raceway 110V, 20A, 1 Phase 208V, 30A, 1 Phase 208V, 30A, 3 Phase 480V, 100A, 3 Phase Emergency/ Standby Power UPS (OFOI) Other

LIGHTING

EQUIPMENT

Refrigerator

Microwave

Dishwasher Printer/ Scanner

Plotter

Copier

Coffee Machine

Lighting Level 80-100 fc at bench/desk (labs) 30-60 fc at bench/desk (offices Task Lighting Darkenable or Dimmable Special Lighting Natural Daylight Preferred or not

CASEWORK/MILLWORK/ FURNITURE Space Type Private

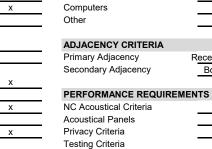
aust

Semi Private Open Guest Seating Table w/ seating for 2-3 Wall Cabinets or Shelves

Sofa/ Lounge chair Flexible Furniture Lateral File Cabinets

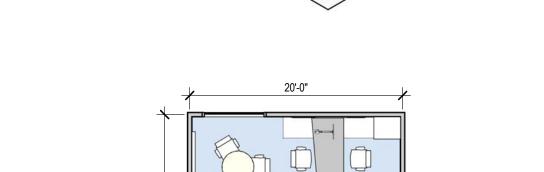
2 drawer 3 drawer Vertical File Cabinets 2 drawer

3 drawer Bookcases Conference Table Markerboard Tackboard



STC Rating

REMARKS:

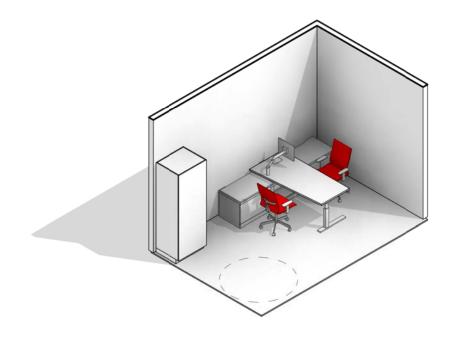


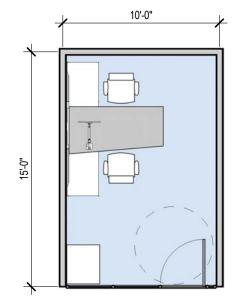
	AV	
	Distance Learning	
	Video Conferencing	х
	Projection Surface	
	Flat screen Monitors	х
	Power at Table	х
	Data at Table	х
	Lectern or Other	
	Smartboard	
	ARCHITECTURAL	
x	Walls/Partitions	
X	GWB, Paint	х
	GWB, Epoxy Paint	X
	CMU, Paint	
	Other	
	Wall Protection	
	Corner Guards	
	Crash Rails	
	Other	
	Flooring	
bs)	VCT/ Vinyl free tile	x
ce: 30	Sheet Vinyl	
X	Concrete	
х	Resinous/ Epoxy	
	Carpet	
ot x	Other	
	Base	
	4" Rubber	х
	Integral w/floor	
	Ceiling	
	Open	
	Acoustic Tile	х
	Gyp. Board	
	Height	
	Deere	
	Doors	2' 0"v7' 0"
	Size	3'-0"x7'-0" Single Flush
	Type Operable Wall	Single Flush
Pecontion/Waiting	Vision Panel	
Reception/ Waiting Board Room	Special Hardware or Sea	X
Board Room		
ENTS	SECURITY	
35-40	Locks	
	Card Access	х
High		
40.45		
40-45		

E2-2 ADMIN SUPPORT, DEANS OFFICE SOP - DEANS SUITE

UTILIZATION		PLUMBING		AV	
Hours of Operation		Sinks		Distance Learning	
8 hours/day		Standard		Video Conferencing	х
14 hours/day	х	ADA		Projection Surface	
24 hours/day		Scullery		Flat screen Monitors	x
		Other		Power at Table	Х
				Data at Table	Х
CLASSROOM OCCUPANY				Lectern or Other	
No. Of Occupants				Smartboard	
MECHANICAL		ELECTRICAL			
Temperature		Electrical Raceway		ARCHITECTURAL	
70°-75° ± 1°F		110V, 20A, 1 Phase	x	Walls/Partitions	
72°F ± 2°F	x	208V, 30A, 1 Phase		GWB, Paint	х
Other		208V, 30A, 3 Phase		GWB, Epoxy Paint	
Humidity		480V, 100A, 3 Phase		CMU, Paint	
50%- 25%± 5%	x	Emergency/ Standby Power		Other	
Uncontrolled		UPS (OFOI)		Wall Protection	
Other < 50%		Other		Corner Guards	
15 ACH (Min)				Crash Rails	
10 ACH (Min)		LIGHTING		Other	
6 ACH (Min)		Lighting Level		Flooring	
100% Make-up Air		80-100 fc at bench/desk (labs)		VCT/ Vinyl free tile	х
Recirculated Air	x	30-60 fc at bench/desk (offices	30	Sheet Vinyl	
Air Pressure Positive		Task Lighting	x	Concrete	
Air Pressure Negative		Darkenable or Dimmable	x	Resinous/ Epoxy	
Air Filtration at Supply or Exhau	ist	Special Lighting	~	Carpet	
Other		Natural Daylight Preferred or not	x	Other	
				Base	
CASEWORK/MILLWORK/ FU	RNITURE	EQUIPMENT		4" Rubber	х
Space Type	-	Refrigerator		Integral w/floor	
Private	x	Microwave		Ceiling	
Semi Private		Coffee Machine		Open	
Open		Dishwasher		Acoustic Tile	x
Guest Seating	х	Printer/ Scanner		Gyp. Board	
Table w/ seating for 2-3	x	Plotter		Height	
Wall Cabinets or Shelves	x	Copier		5	
Sofa/ Lounge chair	х	Computers		Doors	
Flexible Furniture		Other		Size	3'-0"x7'-0"
Lateral File Cabinets				Туре	Single Flush
2 drawer		ADJACENCY CRITERIA		Operable Wall	
3 drawer		Primary Adjacency Rece	eption/ Waiting	Vision Panel	x
Vertical File Cabinets			oard Room	Special Hardware or Se	
2 drawer	х	, , , <u> </u>		,	
3 drawer		PERFORMANCE REQUIREMENTS		SECURITY	
Bookcases	x	NC Acoustical Criteria	35-40	Locks	
Conference Table		Acoustical Panels		Card Access	X
Markerboard	x	Privacy Criteria	High	54.47.00000	~
Tackboard	~	Testing Criteria			
		STC Rating	40-45		
REMARKS					









E2-3 **ASSOCIATE/ASSISTANT DEAN OFFICES** SOP - DEANS SUITE

UTILIZATION		PLUMBING
Hours of Operation		Sinks
8 hours/day	х	Standard
14 hours/day		ADA
24 hours/day		Scullery
		Other
CLASSROOM OCCUPANY		
No. Of Occupants		
MECHANICAL		ELECTRICAL
Temperature		Electrical Raceway
70°-75° ± 1°F		110V, 20A, 1 Phase
72°F ± 2°F	x	208V, 30A, 1 Phase
Other		208V, 30A, 3 Phase
Humidity		480V, 100A, 3 Phase
50%- 25%± 5%	x	Emergency/ Standby Power
Uncontrolled		UPS (OFOI)
Other < 50%		Other
15 ACH (Min)		
10 ACH (Min)		LIGHTING
6 ACH (Min)		Lighting Level
100% Make-up Air		80-100 fc at bench/desk (
Recirculated Air	х	30-60 fc at bench/desk (of

Air Pressure Positive

Air Pressure Negative

Other

Air Filtration at Supply or Exhaust

CASEWORK/MILLWORK/ FURNITURE

bench/desk (labs) bench/desk (offices Task Lighting Darkenable or Dimmable Special Lighting Natural Daylight Preferred or not EQUIPMENT

Space Type		Refrigerator	
Private		Microwave	
Semi Private	х	Coffee Machine	
Open		Dishwasher	
Guest Seating		Printer/ Scanner	
Table w/ seating for 2-3		Plotter	
Wall Cabinets or Shelves	x	Copier	
Sofa/ Lounge chair		Computers	
Flexible Furniture		Other	
_ateral File Cabinets			
2 drawer		ADJACENCY CRITERIA	
3 drawer		Primary Adjacency	Rece
/ertical File Cabinets		Secondary Adjacency	De
2 drawer			
3 drawer		PERFORMANCE REQUIR	EMENTS
Bookcases		NC Acoustical Criteria	
Conference Table		Acoustical Panels	
Markerboard	х	Privacy Criteria	
Fackboard		Testing Criteria	
		STC Rating	
REMARKS:		-	

	AV	
	Distance Learning	
	Video Conferencing	
	Projection Surface	
	Flat screen Monitors	
	Power at Table	
	Data at Table	
	Lectern or Other	
	Smartboard	
	ARCHITECTURAL	
	Walls/Partitions	
X	GWB, Paint	
	,	x
	GWB, Epoxy Paint	
	CMU, Paint	
	Other	
	Wall Protection	
	Corner Guards	
	Crash Rails	
	Other	
	Flooring	
)	VCT/ Vinyl free tile	х
• X	Sheet Vinyl	
	Concrete	
	Resinous/ Epoxy	-
	Carpet	
x	Other	
	Base	
	4" Rubber	×
		X
	Integral w/floor	
	Ceiling	
X	Open	
	Acoustic Tile	х
X	Gyp. Board	x
X	Height	
	Doors	
	Size	
	Туре	
	Operable Wall	
Popontion/Maitin		
Reception/Waiting Dean's Ofice	Vision Panel Special Hardware or S	
Dean's Olice	Special Hardware of S	eals
ITS	SECURITY	
35-40	Locks	
	Card Access	Х
40-45		

countertop s

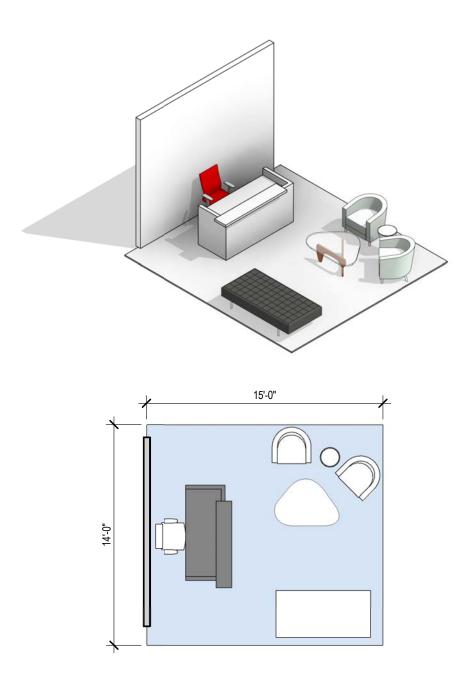
E2-4 BUSINESS MANAGER/DIRECTORS/COORDINATOR/ADVISORS SOP - DEANS SUITE

UTILIZATION	PLUMBING	AV	UTILIZATION	PLUMBING
Hours of Operation	Sinks	Distance Learning	Hours of Operation	Sinks
8 hours/day x	Standard	Video Conferencing	8 hours/day	Standard
14 hours/day	ADA	Projection Surface	14 hours/day X	ADA
24 hours/day	Scullery	Flat screen Monitors	24 hours/day	Scullery
	Other	Power at Table		Other
		Data at Table		_
CLASSROOM OCCUPANY		Lectern or Other	CLASSROOM OCCUPANY	
No. Of Occupants		Smartboard	No. Of Occupants	
MECHANICAL	ELECTRICAL		MECHANICAL	ELECTRICAL
Temperature	Electrical Raceway	ARCHITECTURAL	Temperature	Electrical Raceway
70°-75° ± 1°F	110V, 20A, 1 Phase x	Walls/Partitions	70°-75° ± 1°F	110V, 20A, 1 Phase
72°F ± 2°F x	208V, 30A, 1 Phase	GWB, Paint x	72°F ± 2°F x	208V, 30A, 1 Phase
Other	208V, 30A, 3 Phase	GWB, Epoxy Paint	Other	208V, 30A, 3 Phase
Humidity	480V, 100A, 3 Phase	CMU, Paint	Humidity	480V, 100A, 3 Phase
50%- 25%± 5% x	Emergency/ Standby Power	Other	50%-25%± 5% x	Emergency/ Standby Power
Uncontrolled	UPS (OFOI)	Wall Protection	Uncontrolled	UPS (OFOI)
Other < 50%	Other	Corner Guards	Other < 50%	Other
15 ACH (Min)		Crash Rails	15 ACH (Min)	
10 ACH (Min)	LIGHTING	Other	10 ACH (Min)	LIGHTING
6 ACH (Min)	Lighting Level	Flooring	6 ACH (Min)	Lighting Level
100% Make-up Air	80-100 fc at bench/desk (labs)	VCT/ Vinyl free tile x	100% Make-up Air	80-100 fc at bench/desk (labs)
Recirculated Air x	30-60 fc at bench/desk (offices x	Sheet Vinyl	Recirculated Air x	30-60 fc at bench/desk (offices
Air Pressure Positive	Task Lighting	Concrete	Air Pressure Positive	Task Lighting
Air Pressure Negative	Darkenable or Dimmable	Resinous/ Epoxy	Air Pressure Negative	Darkenable or Dimmable
Air Filtration at Supply or Exhaust	Special Lighting	Carpet	Air Filtration at Supply or Exhaust	Special Lighting
Other	Natural Daylight Preferred or not x	Other	Other	Natural Daylight Preferred or not
CASEWORK/MILLWORK/ FURNITURE	EQUIPMENT	Base 4" Rubber x	CASEWORK/MILLWORK/ FURNITURE	EQUIPMENT
Space Type	Refrigerator	Integral w/floor	Space Type	Refrigerator
Private	Microwave	Ceiling	Private	Microwave
Semi Private x	Coffee Machine X	Open	Semi Private x	Coffee Machine
Open	Dishwasher	Acoustic Tile x	Open	Dishwasher
Guest Seating	Printer/ Scanner X	Gyp. Board x	Guest Seating	Printer/ Scanner
Table w/ seating for 2-3	Plotter	Height	Table w/ seating for 2-3	Plotter
Wall Cabinets or Shelves x	Copier X	·	Wall Cabinets or Shelves x	Copier
Sofa/ Lounge chair	Computers	Doors	Sofa/ Lounge chair	Computers
Flexible Furniture	Other	Size	Flexible Furniture x	Other
Lateral File Cabinets		Туре	Lateral File Cabinets	
2 drawer	ADJACENCY CRITERIA	Operable Wall	2 drawer	ADJACENCY CRITERIA
3 drawer	Primary Adjacency Reception/Waiting	Vision Panel	3 drawer	Primary Adjacency
Vertical File Cabinets	Secondary Adjacency Dean's Ofice	Special Hardware or Seals	Vertical File Cabinets	Secondary Adjacency Rec
2 drawer		· · · · · · · · · · · · · · · · · · ·	2 drawer x	· · · · –
3 drawer	PERFORMANCE REQUIREMENTS	SECURITY	3 drawer	PERFORMANCE REQUIREMENTS
Bookcases	NC Acoustical Criteria 35-40	Locks	Bookcases	NC Acoustical Criteria
Conference Table	Acoustical Panels	Card Access x	Conference Table	Acoustical Panels
Markerboard x	Privacy Criteria		Markerboard	Privacy Criteria
Tackboard	Testing Criteria		Tackboard	Testing Criteria
	STC Rating 40-45			STC Rating
	<u> </u>		DEMADIZO.	<u> </u>
REMARKS:			REMARKS:	

E2-5 **ADMIN SUPPORT** SOP - DEANS SUITE

=	AV Distance Learning Video Conferencing Projection Surface Flat screen Monitors Power at Table Data at Table Lectern or Other Smartboard	x x
	ARCHITECTURAL	
X	Walls/Partitions GWB, Paint GWB, Epoxy Paint CMU, Paint Other Wall Protection Corner Guards	x
	Crash Rails Other	
bs) ce: <u>x</u>	Flooring VCT/ Vinyl free tile Sheet Vinyl	x
	Concrete Resinous/ Epoxy Carpet	
ot x	Other Base	
	4" Rubber Integral w/floor Ceiling	X
	Open Acoustic Tile Gyp. Board Height	X
_	Doors Size Type	3'-0"x7'-0" Single Flush
Dean's Office Reception/ Waiting	Operable Wall Vision Panel Special Hardware or Seal	X S
ENTS	SECURITY	
35-40	Locks Card Access	
40-45		







E2-6 **RECEPTION/WAITING** SOP - DEANS SUITE

UTILIZATION		PLUMBING
Hours of Operation		Sinks
8 hours/day	х	Standard
14 hours/day		ADA
24 hours/day		Scullery
		Other
CLASSROOM OCCUPANY		

No. Of Occupants MECHANICAL Temperature . 70°-75° ± 1°F 72°F ± 2°F Other Humidity 50%- 25%± 5% Uncontrolled Other < 50% 15 ACH (Min) 10 ACH (Min) 6 ACH (Min) 100% Make-up Air Recirculated Air Air Pressure Positive Air Pressure Negative Air Filtration at Supply or Exhaust Other

ELECTRICAL Electrical Raceway 110V, 20A, 1 Phase 208V, 30A, 1 Phase 208V, 30A, 3 Phase 480V, 100A, 3 Phase Emergency/ Standby Power UPS (OFOI) Other

LIGHTING Lighting Level 80-100 fc at bench/desk (labs) 30-60 fc at bench/desk (offices Task Lighting Darkenable or Dimmable Special Lighting Natural Daylight Preferred or not

EQUIPMENT

Refrigerator

Microwave

Dishwasher Printer/ Scanner

Computers

Plotter

Copier

Other

Coffee Machine

CASEWORK/MILLWORK/ FURNITURE Space Type Private Semi Private Open Guest Seating Table w/ seating for 2-3

Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture Lateral File Cabinets 2 drawer 3 drawer

Vertical File Cabinets 2 drawer 3 drawer

Bookcases Conference Table Markerboard Tackboard

Secondary Adjacency PERFORMANCE REQUIREMENTS NC Acoustical Criteria Acoustical Panels Privacy Criteria Testing Criteria STC Rating

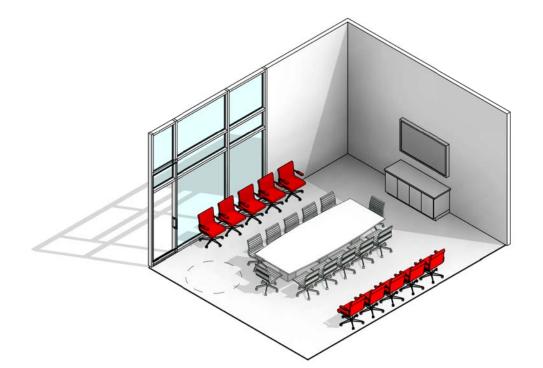
ADJACENCY CRITERIA

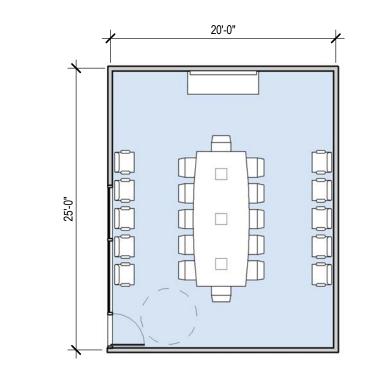
Primary Adjacency

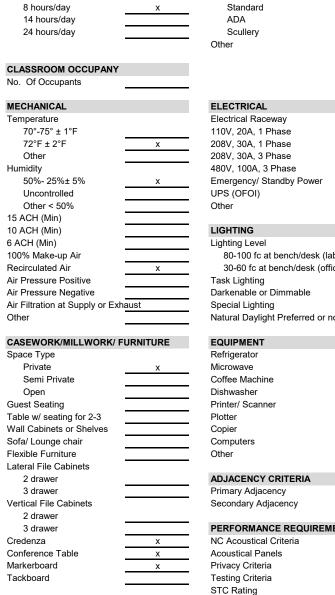
REMARKS:



	AV	
	Distance Learning	
	Video Conferencing	
	Projection Surface	
	Flat screen Monitors	х
	Power at Table	
	Data at Table	
	Lectern or Other	
	Smartboard	
	ARCHITECTURAL	
х	Walls/Partitions	
	GWB, Paint	х
	GWB, Epoxy Paint	
	CMU, Paint	
	Other	
	Wall Protection	
	Corner Guards	
	Crash Rails	
	Other	
	Flooring	
)	VCT/ Vinyl free tile	х
, 	Sheet Vinyl	
	Concrete	
	Resinous/ Epoxy	
	Carpet	
x	Other	
X	Base	
	4" Rubber	x
	Integral w/floor	
	Ceiling	
	Open	
	Acoustic Tile	
	Gyp. Board	x x
		Χ
	Height	
	Doors	
	Size	
	Туре	
Deen's Office	Operable Wall Vision Panel	
Dean's Office		
Board Room	Special Hardware or Se	als
ITS	SECURITY	
35-40	Locks	
55-40	Card Access	
	Card Access	x
40.45		
40-45		







PLUMBING

Sinks

UTILIZATION

Hours of Operation

REMARKS:

E2-7 **BOARD ROOM** SOP - DEANS SUITE

	AV	
	Distance Learning	
	Video Conferencing	x
	Projection Surface	X
	Flat screen Monitors	
		<u> </u>
	Power at Table	X
	Data at Table	Х
	Lectern or Other	Х
	Smartboard	
	ARCHITECTURAL	
х	Walls/Partitions	
	GWB, Paint	х
	GWB, Epoxy Paint	
	CMU, Paint	·
	Other	
		·
	Wall Protection	
	Corner Guards	
	Crash Rails	
	Other	
	Flooring	
abs)	VCT/ Vinyl free tile	х
ice: 30	Sheet Vinyl	
	Concrete	
х	Resinous/ Epoxy	
	Carpet	
not x	Other	·
	Base	
	4" Rubber	X
	Integral w/floor	
	Ceiling	
	Open	
	Acoustic Tile	х
	Gyp. Board	
	Height	
	Doors	
	Size	
	Туре	
	Operable Wall	
Deans Ofifice	Vision Panel	
Kitchenette	Special Hardware or Sea	Acoustic Soal
Richenette	Opecial hardware of Sea	a Acoustic Seai
	RECUDITY	
IENTS	SECURITY	
35-40	Locks	X
	Card Access	Χ
40-45		



E2-8 KITCHENETTE SOP - DEANS SUITE

UTILIZATION	PLUMBING	AV	UTILIZATION
Hours of Operation	Sinks	Distance Learning	Hours of Operation
8 hours/day	Standard x	Video Conferencing	8 hours/day
14 hours/day x	ADA	Projection Surface	14 hours/day x
24 hours/day	Scullery	Flat screen Monitors	24 hours/day
	Other	Power at Table	
		Data at Table	
CLASSROOM OCCUPANY		Lectern or Other	CLASSROOM OCCUPANY
No. Of Occupants		Smartboard	No. Of Occupants
MECHANICAL	ELECTRICAL		MECHANICAL
Temperature	Electrical Raceway	ARCHITECTURAL	Temperature
70°-75° ± 1°F	110V, 20A, 1 Phase x	Walls/Partitions	70°-75° ± 1°F
72°F ± 2°F x	208V, 30A, 1 Phase	GWB, Paint x	72°F ± 2°F x
Other	208V, 30A, 3 Phase	GWB, Epoxy Paint	Other
Humidity	480V, 100A, 3 Phase	CMU, Paint	Humidity
50%- 25%± 5% x	Emergency/ Standby Power	Other	50%-25%±5% x
Uncontrolled	UPS (OFOI)	Wall Protection	Uncontrolled
Other < 50%	Other	Corner Guards	Other < 50%
15 ACH (Min)		Crash Rails	15 ACH (Min)
10 ACH (Min)	LIGHTING	Other	10 ACH (Min)
6 ACH (Min)	Lighting Level	Flooring	6 ACH (Min)
100% Make-up Air	80-100 fc at bench/desk (labs)	VCT/ Vinyl free tile x	100% Make-up Air
Recirculated Air x	30-60 fc at bench/desk (offices 30	Sheet Vinyl	Recirculated Air x
Air Pressure Positive	Task Lighting	Concrete	Air Pressure Positive
Air Pressure Negative	Darkenable or Dimmable	Resinous/ Epoxy	Air Pressure Negative
Air Filtration at Supply or Exhaust	Special Lighting	Carpet	Air Filtration at Supply or Exhaust
Other	Natural Daylight Preferred or not x	Other	Other
		Base	
CASEWORK/MILLWORK/ FURNITURE	EQUIPMENT	4" Rubber x	CASEWORK/MILLWORK/ FURNITURE
Space Type	Refrigerator x	Integral w/floor	Space Type
Private	Microwave x	Ceiling	Private
Semi Private x	Coffee Machine x	Open	Semi Private x
Open	Dishwasher x	Acoustic Tile x	Open x
Guest Seating	Printer/ Scanner	Gyp. Board	Guest Seating
Table w/ seating for 2-3 x	Plotter	Height	Table w/ seating for 2-3 x
Wall Cabinets or Shelves x	Copier		Wall Cabinets or Shelves x
Sofa/ Lounge chair	Computers	Doors	Sofa/ Lounge chair
Flexible Furniture	Other		Flexible Furniture
Lateral File Cabinets		Type Single Flush	Lateral File Cabinets
2 drawer	ADJACENCY CRITERIA	Operable Wall	2 drawer
3 drawer	Primary Adjacency Board Roor		3 drawer
Vertical File Cabinets	Secondary Adjacency Wqaiting / Rece		Vertical File Cabinets
2 drawer	vigating / too		2 drawer x
3 drawer	PERFORMANCE REQUIREMENTS	SECURITY	3 drawer
Bookcases	NC Acoustical Criteria 35-40	Locks x	Bookcases x
Conference Table	Acoustical Panels	Card Access x	Conference Table
Markerboard	Privacy Criteria		Markerboard
Tackboard	Testing Criteria		Tackboard
	STC Rating 40-45	—	
REMARKS:	40-40	—	REMARKS:
1			

E2-9 WORK ROOM/STORAGE SOP - DEANS SUITE

ELECTRICAL Electrical Raceway 110V, 20A, 1 Phase 208V, 30A, 1 Phase 208V, 30A, 3 Phase 480V, 100A, 3 Phase Emergency/ Standby Power UPS (OFOI) Other

1.1	GF	JTI	NI/	•
	Gr	111	N	

PLUMBING Sinks Standard ADA Scullery Other

Lighting Level
80-100 fc at bench/desk (labs)
30-60 fc at bench/desk (office:
Task Lighting
Darkenable or Dimmable
Special Lighting
Natural Davlight Proferred or not

FURNITURE	EQUIPMENT
	Refrigerator
	Microwave
х	Coffee Machine
х	Dishwasher
	Printer/ Scanner
х	Plotter
х	Copier
	Computers
	Other
	ADJACENCY CRITERIA

Primary Adjacency Secondary Adjacency

PERFORMANCE REQUIREMENTS
NO Assessful Outsuis

NC Acoustical Criteria Acoustical Panels Privacy Criteria Testing Criteria STC Rating

Should include secure storage space, coat closet, copy/ print/fax and countertop space. Multipurpose room

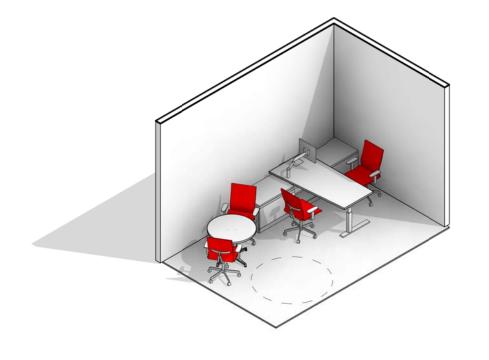


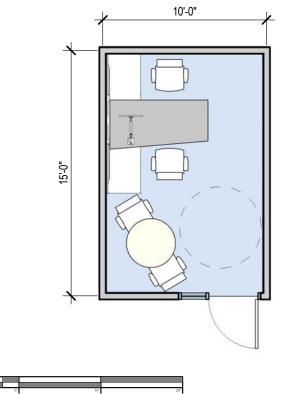
	AV	
	Distance Learning	
	Video Conferencing	
	Projection Surface	
	Flat screen Monitors	
	Power at Table	x
	Data at Table	X
	Lectern or Other	^
	Smartboard	
х	Walls/Partitions	
	GWB, Paint	х
	GWB, Epoxy Paint	
	CMU, Paint	
	Other	
	Wall Protection	
	Corner Guards	
	Crash Rails	
	Other	
	Flooring	
	VCT/ Vinyl free tile	v
X	Sheet Vinyl	x
Х		
	Concrete	
	Resinous/ Epoxy	
	Carpet	
х	Other	
	Base	
	4" Rubber	х
	Integral w/floor	
	Ceiling	
	Open	
	Acoustic Tile	х
x	Gyp. Board	
x	Height	
x	. loight	
x	Doors	
	Size	3'-0"x7'-0"
	Туре	Single Flush
	Operable Wall	Olligie i lusii
	Vision Panel	
<u> </u>		-
	Special Hardware or Se	ais
rs	SECURITY	
35-40	Locks	х
	Card Access	х
40-45		

E2-10 COPY/MAIL AREA SOP - DEANS SUITE

UTILIZATION		PLUMBING	AV
Hours of Operation		Sinks	Distance Learning
8 hours/day		Standard	Video Conferencing
14 hours/day	х	ADA	Projection Surface
24 hours/day		Scullery	Flat screen Monitors
		Other	Power at Table x
			Data at Table x
CLASSROOM OCCUPANY			Lectern or Other
No. Of Occupants			Smartboard
MECHANICAL		ELECTRICAL	
Temperature		Electrical Raceway	ARCHITECTURAL
70°-75° ± 1°F		110V, 20A, 1 Phase x	Walls/Partitions
72°F ± 2°F	х	208V, 30A, 1 Phase	GWB, Paint x
Other		208V, 30A, 3 Phase	GWB, Epoxy Paint
Humidity		480V, 100A, 3 Phase	CMU, Paint
50%- 25%± 5%	x	Emergency/ Standby Power	Other
Uncontrolled		UPS (OFOI)	Wall Protection
Other < 50%		Other	Corner Guards
15 ACH (Min)			Crash Rails
10 ACH (Min)		LIGHTING	Other
6 ACH (Min)		Lighting Level	Flooring
100% Make-up Air		80-100 fc at bench/desk (labs)	VCT/ Vinyl free tile x
Recirculated Air	х	30-60 fc at bench/desk (offices x	Sheet Vinyl
Air Pressure Positive	^	Task Lighting	Concrete
Air Pressure Negative		Darkenable or Dimmable x	Resinous/ Epoxy
Air Filtration at Supply or Exha	ict	Special Lighting	Carpet
Other	usi	Natural Daylight Preferred or not x	Other
			Base
CASEWORK/MILLWORK/ FU	DNITHDE	EQUIPMENT	4" Rubber x
Space Type		Refrigerator	Integral w/floor
Private		Microwave	Ceiling
Semi Private	х	Coffee Machine	Open
Open	^	Dishwasher	Acoustic Tile x
Guest Seating		Printer/ Scanner x	Gyp. Board
Table w/ seating for 2-3		Plotter x	Height
Wall Cabinets or Shelves			
Sofa/ Lounge chair	Х	Copier x Computers x	Doors
Flexible Furniture		Other	Size
Lateral File Cabinets			
		ADJACENCY CRITERIA	
2 drawer 3 drawer			Operable Wall Vision Panel
		Primary Adjacency	
Vertical File Cabinets		Secondary Adjacency	Special Hardware or Seals
2 drawer			OF OUDITY
3 drawer	Х	PERFORMANCE REQUIREMENTS	SECURITY
Bookcases		NC Acoustical Criteria 35-40	Locks
Conference Table		Acoustical Panels	Card Access x
Markerboard	х	Privacy Criteria	<u> </u>
Tackboard		Testing Criteria	
		STC Rating 40-45	
REMARKS:			





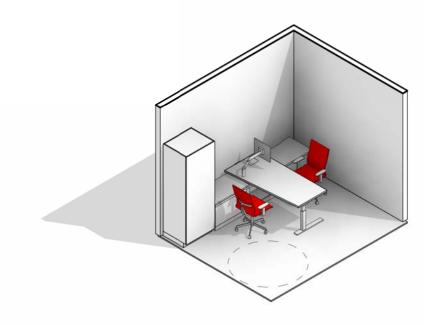


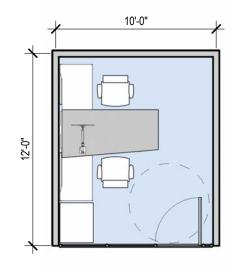
E2-11 DEPARTMENT CHAIR/DIRECTOR OFFICES SOP - DEANS SUITE

UTILIZATION		PLUMBING	
Hours of Operation		Sinks	
8 hours/day		Standard	
14 hours/day	Х	ADA	
24 hours/day		Scullery	
		Other	
CLASSROOM OCCUPANY			
No. Of Occupants	1 to 2		
MECHANICAL		ELECTRICAL	
Temperature		Electrical Raceway	
70°-75° ± 1°F		110V, 20A, 1 Phase	
72°F ± 2°F	х	208V, 30A, 1 Phase	
Other		208V, 30A, 3 Phase	
Humidity		480V, 100A, 3 Phase	
50%- 25%± 5%	X	Emergency/ Standby Power	
Uncontrolled		UPS (OFOI)	
Other < 50%		Other	
15 ACH (Min)			
10 ACH (Min)		LIGHTING	
6 ACH (Min)		Lighting Level	
100% Make-up Air		80-100 fc at bench/desk (la	
Recirculated Air	Х	30-60 fc at bench/desk (offi	ce
Air Pressure Positive		Task Lighting	
Air Pressure Negative		Darkenable or Dimmable	
Air Filtration at Supply or Ex	haust	Special Lighting	
Other		Natural Daylight Preferred or n	ot .
CASEWORK/MILLWORK/	FURNITURE	EQUIPMENT	
Space Type		Refrigerator	
Private	х	Microwave	
Semi Private		Coffee Machine	
Open		Dishwasher	
Guest Seating	х	Printer/ Scanner	
Table w/ seating for 2-3		Plotter	
Wall Cabinets or Shelves		Copier	
Sofa/ Lounge chair		Computers	
		Other	
Flexible Furniture Lateral File Cabinets			
Lateral File Cabinets 2 drawer		ADJACENCY CRITERIA	
Lateral File Cabinets 2 drawer 3 drawer		Primary Adjacency	
Lateral File Cabinets 2 drawer 3 drawer			
Lateral File Cabinets 2 drawer 3 drawer	x	Primary Adjacency Secondary Adjacency	•
Lateral File Cabinets 2 drawer 3 drawer Vertical File Cabinets 2 drawer 3 drawer	x	Primary Adjacency Secondary Adjacency PERFORMANCE REQUIREM	EN
Lateral File Cabinets 2 drawer 3 drawer Vertical File Cabinets 2 drawer 3 drawer Bookcases	 	Primary Adjacency Secondary Adjacency PERFORMANCE REQUIREM NC Acoustical Criteria	EN
Lateral File Cabinets 2 drawer 3 drawer Vertical File Cabinets 2 drawer 3 drawer Bookcases		Primary Adjacency Secondary Adjacency PERFORMANCE REQUIREM	EN
Lateral File Cabinets 2 drawer 3 drawer Vertical File Cabinets 2 drawer 3 drawer Bookcases Conference Table Markerboard		Primary Adjacency Secondary Adjacency PERFORMANCE REQUIREM NC Acoustical Criteria Acoustical Panels Privacy Criteria	EN
Lateral File Cabinets 2 drawer 3 drawer Vertical File Cabinets 2 drawer 3 drawer Bookcases Conference Table Markerboard	X	Primary Adjacency Secondary Adjacency PERFORMANCE REQUIREM NC Acoustical Criteria Acoustical Panels	EN
Lateral File Cabinets 2 drawer 3 drawer Vertical File Cabinets 2 drawer	X	Primary Adjacency Secondary Adjacency PERFORMANCE REQUIREM NC Acoustical Criteria Acoustical Panels Privacy Criteria	EN

	AV	
	Distance Learning	
	Video Conferencing	
	Projection Surface	
	Flat screen Monitors	
	Power at Table	х
	Data at Table	x
	Lectern or Other	
	Smartboard	
	omanbourd	
	ARCHITECTURAL	
x	Walls/Partitions	
X		
	GWB, Paint	X
	GWB, Epoxy Paint	
	CMU, Paint	
	Other	
	Wall Protection	
	Corner Guards	
	Crash Rails	
	Other	
	Flooring	
labs)	VCT/ Vinyl free tile	x
ffice: 30	Sheet Vinyl	^
x	Concrete	
	Resinous/ Epoxy	
	Carpet	
not x	Other	
	Base	
	4" Rubber	х
	Integral w/floor	
	Ceiling	
	Open	
	Acoustic Tile	x
	Gyp. Board	
	Height	9'
	roight	
х	Doors	
	Size	3'-0"x7'-0"
	Туре	Single Flush
	Operable Wall	
	Vision Panel	X
	Special Hardware or Se	
MENTS	SECURITY	
	Locks	
35-40		· · · · · · · · · · · · · · · · · · ·
<u> </u>	Card Access	X
Yes		
40-45		

Sit-stand ergonomic furniture.







	PLUMBING
	Sinks
	Standard
х	ADA
	Scullery
	Other
	X

Sinks Standard ADA Scullery Other

CLASSROOM OCCUPANY No. Of Occupants 1 to 2

MECHANICAL Temperature . 70°-75° ± 1°F 72°F ± 2°F Other Humidity 50%- 25%± 5% Uncontrolled Other < 50% 15 ACH (Min) 10 ACH (Min) 6 ACH (Min) 100% Make-up Air Recirculated Air Air Pressure Positive Air Pressure Negative Air Filtration at Supply or Exhaust Other

Space Type Private Semi Private Open Guest Seating Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture Lateral File Cabinets 2 drawer 3 drawer Vertical File Cabinets 2 drawer



х

Task Lighting Special Lighting

CASEWORK/MILLWORK/ FURNITURE

REMARKS:

Consider a forward thinking workplace environment. Open environment or if enclosed, to be glass fronted and have enough room to maneouver a wheelchair. Sit-stand ergonomic furniture.

ELECTRICAL Electrical Raceway 110V, 20A, 1 Phase 208V, 30A, 1 Phase

208V, 30A, 3 Phase 480V, 100A, 3 Phase Emergency/ Standby Power UPS (OFOI) Other LIGHTING

Lighting Level

80-100 fc at bench/desk (labs) 30-60 fc at bench/desk (offices Darkenable or Dimmable Natural Daylight Preferred or not

EQUIPMENT

Refrigerator Microwave Coffee Machine Dishwasher Printer/ Scanner Plotter Copier

Computers

Other

ADJACENCY CRITERIA

Primary Adjacency Secondary Adjacency

PERFORMANCE REQUIREMEN NC Acoustical Criteria

Acoustical Panels Privacy Criteria Testing Criteria STC Rating

E2-12 **FACULTY OFFICES** SOP - DEANS SUITE

	AV	
	Distance Learning	
	Video Conferencing	
	Projection Surface	
	Flat screen Monitors	
	Power at Table	х
	Data at Table	×
	Lectern or Other	^
	Smartboard	
	ARCHITECTURAL	
	Walls/Partitions	
	GWB, Paint	×
	,	x
	GWB, Epoxy Paint	
	CMU, Paint	
	Other	
	Wall Protection	
	Corner Guards	
	Crash Rails	
	Other	
	Flooring	
	VCT/ Vinyl free tile	x
)	Sheet Vinyl	~
	Concrete	
	Resinous/ Epoxy	
	Carpet	
	Other	
	Base	
	4" Rubber	x
	Integral w/floor	
	Ceiling	
	Open	
	Acoustic Tile	x
	Gyp. Board	^
	Height	9'
	Doors	
	Size	3'-0"x7'-0"
	Type	Single Flush
		Single Flush
	Operable Wall	
	Vision Panel	<u> </u>
	Special Hardware or S	eals
	SECURITY	
40	Locks	
0		
	Card Access	x
_		



E2-13 SHARED FACULTY OFFICES SOP - DEANS SUITE

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UTILIZATION	PLUMBING	AV
Hours of Operation	Sinks	Distance Learning
8 hours/day	Standard	Video Conferencing
14 hours/day x	ADA	Projection Surface
24 hours/day	Scullery	Flat screen Monitors
	Other	Power at Table x
		Data at Table x
CLASSROOM OCCUPANY		Lectern or Other
No. Of Occupants 3		Smartboard
MECHANICAL	ELECTRICAL	
Temperature	Electrical Raceway	ARCHITECTURAL
$70^{\circ}-75^{\circ} \pm 1^{\circ}F$	110V, 20A, 1 Phase x	Walls/Partitions
$70^\circ F \pm 2^\circ F$ x	208V, 30A, 1 Phase	GWB, Paint x
Other	208V, 30A, 3 Phase	GWB, Epoxy Paint
Humidity	480V, 100A, 3 Phase	CMU, Paint
	Emergency/ Standby Power	Other
50%- 25%± 5%X Uncontrolled	UPS (OFOI)	Wall Protection
-		=
Other < 50%	Other	Corner Guards
15 ACH (Min)		Crash Rails
10 ACH (Min)	LIGHTING	Other
6 ACH (Min)	Lighting Level	Flooring
100% Make-up Air	80-100 fc at bench/desk (labs)	VCT/ Vinyl free tile x
Recirculated Air x	30-60 fc at bench/desk (office: 30	Sheet Vinyl
Air Pressure Positive	Task Lighting x	Concrete
Air Pressure Negative	Darkenable or Dimmable	Resinous/ Epoxy
Air Filtration at Supply or Exhaust	Special Lighting	Carpet
Other	Natural Daylight Preferred or not <u>x</u>	Other
		Base
CASEWORK/MILLWORK/ FURNITURE	EQUIPMENT	4" Rubber x
Space Type	Refrigerator	Integral w/floor
Private x	Microwave	Ceiling
Semi Private	Coffee Machine	Open
Open	Dishwasher	Acoustic Tile x
Guest Seating x	Printer/ Scanner	Gyp. Board
Table w/ seating for 2-3	Plotter	Height 9'
Wall Cabinets or Shelves	Copier	_
Sofa/ Lounge chair	Computers x	Doors
Flexible Furniture	Other	Size 3'-0"x7'-0"
Lateral File Cabinets		Type Single Flush
2 drawer	ADJACENCY CRITERIA	Operable Wall
3 drawer	Primary Adjacency	Vision Panel X
Vertical File Cabinets	Secondary Adjacency	Special Hardware or Seals
2 drawer x		
3 drawer	PERFORMANCE REQUIREMENTS	SECURITY
Bookcases x	NC Acoustical Criteria 35-40	Locks
Conference Table	Acoustical Panels	Card Access x
Markerboard x	Privacy Criteria Yes	
Tackboard	Testing Criteria	
	STC Rating 40-45	=
REMARKS:		=

Consider a forward thinking workplace environment. Open environment or if enclosed, to be glass fronted and have enough room to maneouver a wheelchair. Sit-stand ergonomic furniture.

E2-14 **OFFICE SUPPORT SPECIALISTS** SOP - DEANS SUITE

UTILIZATION	PLUMBING
Hours of Operation	Sinks
8 hours/day	Standard
14 hours/day	X ADA
24 hours/day	Scullery
	Other
CLASSROOM OCCUPANY	
No. Of Occupants	
MECHANICAL	ELECTRICAL
Temperature	Electrical Raceway
70°-75° ± 1°F	110V, 20A, 1 Phase
72°F ± 2°F	x 208V, 30A, 1 Phase
Other	208V, 30A, 3 Phase
Humidity	480V, 100A, 3 Phase
50%- 25%± 5%	x Emergency/ Standby Powe
Uncontrolled	UPS (OFOI)
Other < 50%	Other
15 ACH (Min)	
10 ACH (Min)	LIGHTING
6 ACH (Min)	Lighting Level
100% Make-up Air	80-100 fc at bench/des
Recirculated Air	x 30-60 fc at bench/desk
Air Pressure Positive	Task Lighting
Air Pressure Negative	Darkenable or Dimmable
Air Filtration at Supply or Exha	
Other	Natural Daylight Preferred
CASEWORK/MILLWORK/ F	
Space Type	Refrigerator
Private	Microwave
Semi Private	x Coffee Machine
Open	Dishwasher
Guest Seating	Printer/ Scanner
Table w/ seating for 2-3	Plotter
Wall Cabinets or Shelves	x Copier
Sofa/ Lounge chair	Computers
Flexible Furniture	x Other
Lateral File Cabinets	
2 drawer	ADJACENCY CRITERIA
3 drawer	Primary Adjacency
Vertical File Cabinets	Secondary Adjacency
2 drawer	x
3 drawer	PERFORMANCE REQUIR
	NC Acoustical Criteria
Bookcases	
Conference Table	Acoustical Panels

REMARKS:

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Phase	
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	<u> </u>
	<u> </u>
bench/desk (labs)	
pench/desk (offices	Х
Dimmoble	
Dimmable	
g A Desferment en met	
t Preferred or not	Х
9	
er	
CRITERIA	Describe Office
ency	Dean's Office
acency R	eception/ Waiting
Criteria	35-40
els	

	-
Video Conferencing	
Projection Surface	
Flat screen Monitors	
Power at Table	х
Data at Table	х
Lectern or Other	
Smartboard	
ARCHITECTURAL	
Walls/Partitions	
GWB, Paint	x
GWB, Epoxy Paint	
CMU, Paint	
Other	
Wall Protection	
Corner Guards	
Crash Rails	
Other	
Flooring	
VCT/ Vinyl free tile	Х
Sheet Vinyl	
Concrete	
Resinous/ Epoxy	
Carpet	
Other	
Base	
4" Rubber	х
Integral w/floor	
Ceiling	
Open	
Acoustic Tile	х
Gyp. Board	
Height	
Doors	
Size	3'-0"x7'-0
Туре	Single Flu
Operable Wall	
Vision Panel	х
Special Hardware or Se	
SECURITY	
Locks	
Card Access	

AV Distance Learning

40-45

STC Rating

E2-15 **GROWTH/FUTURE HIRES** SOP - DEANS SUITE

UTILIZATION	PLUMBING	AV	UTILIZATION	PLUMBING
Hours of Operation	Sinks	Distance Learning	Hours of Operation	Sinks
8 hours/day	Standard	Video Conferencing	8 hours/day	Standard
14 hours/day x	ADA	Projection Surface	14 hours/day X	ADA
24 hours/day	Scullery	Flat screen Monitors	24 hours/day	Scullery
-	Other	Power at Table x		Other
		Data at Table x		
CLASSROOM OCCUPANY		Lectern or Other	CLASSROOM OCCUPANY	
No. Of Occupants 1 to 2		Smartboard	No. Of Occupants 5	
MECHANICAL	ELECTRICAL		MECHANICAL	ELECTRICAL
Temperature	Electrical Raceway	ARCHITECTURAL	Temperature	Electrical Raceway
70°-75° ± 1°F	110V, 20A, 1 Phase x	Walls/Partitions	70°-75° ± 1°F	110V, 20A, 1 Phase
72°F ± 2°F x	208V, 30A, 1 Phase	GWB, Paint x	72°F ± 2°F x	208V, 30A, 1 Phase
Other	208V, 30A, 3 Phase	GWB, Epoxy Paint	Other	208V, 30A, 3 Phase
Humidity	480V, 100A, 3 Phase	CMU, Paint	Humidity	480V, 100A, 3 Phase
50%-25%±5% x	Emergency/ Standby Power	Other	50%-25%±5% x	Emergency/ Standby Power
Uncontrolled	UPS (OFOI)	Wall Protection	Uncontrolled	UPS (OFOI)
Other < 50%	Other	Corner Guards	Other < 50%	Other
15 ACH (Min)		Crash Rails	15 ACH (Min)	
10 ACH (Min)	LIGHTING	Other	10 ACH (Min)	LIGHTING
6 ACH (Min)	Lighting Level	Flooring	6 ACH (Min)	Lighting Level
100% Make-up Air	80-100 fc at bench/desk (labs)	VCT/ Vinyl free tile <u>x</u>	100% Make-up Air	80-100 fc at bench/desk (la
Recirculated Air x	30-60 fc at bench/desk (offices 30		Recirculated Air x	30-60 fc at bench/desk (off
Air Pressure Positive	Task Lighting x	Sheet Vinyl Concrete	Air Pressure Positive	Task Lighting
Air Pressure Negative	Darkenable or Dimmable	<u> </u>	Air Pressure Negative	Darkenable or Dimmable
Air Filtration at Supply or Exhaust		Resinous/ Epoxy Carpet	Air Filtration at Supply or Exhaust	Special Lighting
	Special Lighting	Other	Other	Natural Daylight Preferred or r
Other	Natural Daylight Preferred or not <u>x</u>	Base		Natural Daylight Treferred of T
CASEWORK/MILLWORK/ FURNITURE	EQUIPMENT	4" Rubber x	CASEWORK/MILLWORK/ FURNITURE	EQUIPMENT
Space Type	Refrigerator	Integral w/floor	Space Type	Refrigerator
Private x	Microwave	Ceiling	Private	Microwave
Semi Private	Coffee Machine	Open	Semi Private x	Coffee Machine
Open	Dishwasher	Acoustic Tile x	Open	Dishwasher
Guest Seating x	Printer/ Scanner	Gyp. Board	Guest Seating	Printer/ Scanner
Table w/ seating for 2-3	Plotter	Height 9'	Table w/ seating for 2-3	Plotter
Wall Cabinets or Shelves	Copier		Wall Cabinets or Shelves x	Copier
Sofa/ Lounge chair	Computers x	Doors	Sofa/ Lounge chair	Computers
Flexible Furniture	Other	Size 3'-0"x7'-0"	Flexible Furniture x	Other
Lateral File Cabinets		Type Single Flush	Lateral File Cabinets	
2 drawer	ADJACENCY CRITERIA	Operable Wall	2 drawer	ADJACENCY CRITERIA
3 drawer	Primary Adjacency	Vision Panel X	3 drawer	Primary Adjacency
Vertical File Cabinets	Secondary Adjacency	Special Hardware or Seals	Vertical File Cabinets	Secondary Adjacency
2 drawer x		Special Hardware of Seals	2 drawer x	
3 drawer	PERFORMANCE REQUIREMENTS	SECURITY	3 drawer	PERFORMANCE REQUIREM
	NC Acoustical Criteria 35-40		Bookcases	NC Acoustical Criteria
Deelveese	35-4()	Locks	Conference Table	Acoustical Panels
Bookcases x				
Conference Table	Acoustical Panels	Card Access x		
Conference Table Markerboard x	Acoustical Panels Privacy Criteria Yes	Card Access x	Markerboard x	Privacy Criteria
Conference Table	Acoustical Panels Privacy Criteria Yes Testing Criteria	Card Access x		Privacy Criteria Testing Criteria
Conference Table Markerboard x	Acoustical Panels Privacy Criteria Yes	Card Access x	Markerboard x	Privacy Criteria

wheelchair. Sit-stand ergonomic furniture.

Prepared for Southern Illinois University Edwardsville by HOK

E2-16 **IT SERVICES** SOP - DEANS SUITE

	AV	
	Distance Learning	
	Video Conferencing	
	Projection Surface	
	Flat screen Monitors	
	Power at Table	x
	Data at Table	
		X
	Lectern or Other	
	Smartboard	
	ARCHITECTURAL	
Х	Walls/Partitions	
	GWB, Paint	х
	GWB, Epoxy Paint	
	CMU, Paint	
	Other	
	Wall Protection	
	Corner Guards	
	Crash Rails	
	Other	
	Flooring	
labs)	VCT/ Vinyl free tile	Х
ffice: x	Sheet Vinyl	
	Concrete	
	Resinous/ Epoxy	
	Carpet	
not x	Other	
	Base	
	4" Rubber	x
	Integral w/floor	~
	-	
	Ceiling	
	Open	
	Acoustic Tile	Х
	Gyp. Board	
	Height	
	Doors	
	Size	3'-0"x7'-0"
	Туре	Single Flush
	Operable Wall	<u>v</u>
Computer Staging	Vision Panel	x
IT Storage	Special Hardware or Sea	
in eterage		
MENTS	SECURITY	
35-40	Locks	
07-00	Card Access	x
	0414 / 100633	^
40.17		
40-45		



E2-17 **COMPUTER STAGING / REPAIR AREA** SOP - DEANS SUITE

UTILIZATION	PLUMBING	AV	UTILIZATION
Hours of Operation	Sinks	Distance Learning	Hours of Operation
8 hours/day	Standard	Video Conferencing	8 hours/day
14 hours/day X	ADA	Projection Surface	14 hours/day
24 hours/day	Scullery	Flat screen Monitors	24 hours/day X
	Other	Power at Table x	
		Data at Table x	
CLASSROOM OCCUPANY		Lectern or Other	CLASSROOM OCCUPANY
No. Of Occupants		Smartboard	No. Of Occupants
MECHANICAL	ELECTRICAL		MECHANICAL
Temperature	Electrical Raceway	ARCHITECTURAL	Temperature
70°-75° ± 1°F	110V, 20A, 1 Phase x	Walls/Partitions	, 70°-75° ± 1°F
72°F ± 2°F x	208V, 30A, 1 Phase	GWB, Paint x	72°F ± 2°F x
Other	208V, 30A, 3 Phase	GWB, Epoxy Paint	Other
Humidity	480V, 100A, 3 Phase	CMU, Paint	Humidity
50%- 25%± 5% x	Emergency/ Standby Power	Other	50%- 25%± 5% x
	UPS (OFOI)	Wall Protection	Uncontrolled
Other < 50%	Other	Corner Guards	Other < 50%
15 ACH (Min)		Crash Rails	15 ACH (Min)
10 ACH (Min)	LIGHTING	Other	10 ACH (Min)
6 ACH (Min)	Lighting Level	Flooring	6 ACH (Min)
100% Make-up Air	80-100 fc at bench/desk (labs) x	VCT/ Vinyl free tile x	100% Make-up Air
Recirculated Air x	30-60 fc at bench/desk (abs)	Sheet Vinyl	Recirculated Air x
Air Pressure Positive	Task Lighting	Concrete	Air Pressure Positive
Air Pressure Negative	Darkenable or Dimmable	Resinous/ Epoxy	Air Pressure Negative
Air Filtration at Supply or Exhaust	Special Lighting	Carpet	Air Filtration at Supply or Exhaust
Other	Natural Daylight Preferred or not	Other	Other
		Base	
CASEWORK/MILLWORK/ FURNITURE	EQUIPMENT	4" Rubber x	CASEWORK/MILLWORK/ FURNITURE
Space Type	Refrigerator	Integral w/floor	Space Type
Private	Microwave	Ceiling	Private
Semi Private x	Coffee Machine	Open	Semi Private
Open	Dishwasher	Acoustic Tile x	Open
Guest Seating	Printer/ Scanner	Gyp. Board	Guest Seating
Table w/ seating for 2-3	Plotter	Height	Table w/ seating for 2-3
Wall Cabinets or Shelves	Copier		Wall Cabinets or Shelves
Sofa/ Lounge chair	Computers	Doors	Sofa/ Lounge chair
Flexible Furniture x	Other	Size 3'-0"x7'-0"	Flexible Furniture
Lateral File Cabinets		Type Single Flush	Lateral File Cabinets
2 drawer	ADJACENCY CRITERIA	Operable Wall	2 drawer
3 drawer	Primary Adjacency IT Workspace	Vision Panel x	3 drawer
Vertical File Cabinets	Secondary Adjacency IT storage	Special Hardware or Seals	Vertical File Cabinets
2 drawer			2 drawer
3 drawer	PERFORMANCE REQUIREMENTS	SECURITY	3 drawer
Bookcases	NC Acoustical Criteria	Locks	Bookcases
Conference Table	Acoustical Panels	Card Access x	Conference Table
Markerboard X	Privacy Criteria		Markerboard
Tackboard	Testing Criteria		Tackboard
	STC Rating		
REMARKS:			REMARKS:

E2-18 IT STORAGE SOP - DEANS SUITE

Standard ADA Scullery Other

PLUMBING Sinks

ELECTRICAL Electrical Raceway 110V, 20A, 1 Phase

208V, 30A, 1 Phase 208V, 30A, 3 Phase 480V, 100A, 3 Phase Emergency/ Standby Power UPS (OFOI) Other

LIGHTING

Lighting Level 80-100 fc at bench/desk (labs) 30-60 fc at bench/desk (office Task Lighting Darkenable or Dimmable Special Lighting Natural Daylight Preferred or not

EQUIPMENT

Refrigerator Microwave Coffee Machine Dishwasher Printer/ Scanner Plotter Copier Computers Other

ADJACENCY CRITERIA

Primary Adjacency Secondary Adjacency

PERFORMANCE REQUIREMENTS NC Acoustical Criteria

Acoustical Panels Privacy Criteria Testing Criteria STC Rating

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	AV Distance Learning	
	Video Conferencing	
	Projection Surface	
	Flat screen Monitors	
	Power at Table	
	Data at Table	
	Lectern or Other Smartboard	
	Smanboard	
	ARCHITECTURAL Walls/Partitions	
X	GWB, Paint	х
	GWB, Epoxy Paint	
	CMU, Paint	
	Other	
	Wall Protection	
	Corner Guards	
	Crash Rails	
	Other	
	Flooring	
bs)	VCT/ Vinyl free tile	Х
ce: x	Sheet Vinyl	
	Concrete Resinous/ Epoxy	
	Carpet	
ot	Other	-
	Base	
	4" Rubber	х
	Integral w/floor	
	Ceiling	
	Open	
	Acoustic Tile	х
	Gyp. Board	
	Height	
	Doors	
	Size	3'-0"x7'-0"
	Туре	Single Flush
	Operable Wall	
Computer Staging	Vision Panel	<u> </u>
IT workspace	Special Hardware or Se	eais
ENTS	SECURITY	
	Locks	
	Card Access	х

E3-1 SHARED FACULTY OFFICES/HOTELING SHARED WORKPLACE

UTILIZATION	PLUMBING	AV	UTILIZATION	PLUMBING
Hours of Operation	Sinks	Distance Learning	Hours of Operation	Sinks
8 hours/day	Standard	Video Conferencing	8 hours/day	Standard
14 hours/day x	ADA	Projection Surface	14 hours/day x	ADA
24 hours/day	Scullery	Flat screen Monitors	24 hours/day	Scullery
	Other	Power at Table x		Other
		Data at Table x		
CLASSROOM OCCUPANY		Lectern or Other	CLASSROOM OCCUPANY	
No. Of Occupants 1		Smartboard	No. Of Occupants	
MECHANICAL	ELECTRICAL		MECHANICAL	ELECTRICAL
Temperature	Electrical Raceway	ARCHITECTURAL	Temperature	Electrical Raceway
70°-75° ± 1°F	110V, 20A, 1 Phase x	Walls/Partitions	70°-75° ± 1°F	110V, 20A, 1 Phase
72°F ± 2°F x	208V, 30A, 1 Phase	GWB, Paint x	72°F ± 2°F x	208V, 30A, 1 Phase
Other	208V, 30A, 3 Phase	GWB, Epoxy Paint	Other	208V, 30A, 3 Phase
Humidity	480V, 100A, 3 Phase	CMU, Paint	Humidity	480V, 100A, 3 Phase
50%- 25%± 5% x	Emergency/ Standby Power	Other	50%- 25%± 5% x	Emergency/ Standby Power
Uncontrolled	UPS (OFOI)	Wall Protection	Uncontrolled	UPS (OFOI)
Other < 50%	Other	Corner Guards	Other < 50%	Other
15 ACH (Min)		Crash Rails	15 ACH (Min)	
10 ACH (Min)	LIGHTING	Other	10 ACH (Min)	LIGHTING
6 ACH (Min)	Lighting Level	Flooring	6 ACH (Min)	Lighting Level
100% Make-up Air	80-100 fc at bench/desk (labs)	VCT/ Vinyl free tile x	100% Make-up Air	80-100 fc at bench/desk
Recirculated Air x	30-60 fc at bench/desk (offices x	Sheet Vinyl	Recirculated Air x	30-60 fc at bench/desk (
Air Pressure Positive	Task Lighting	Concrete	Air Pressure Positive	Task Lighting
Air Pressure Negative	Darkenable or Dimmable	Resinous/ Epoxy	Air Pressure Negative	Darkenable or Dimmable
Air Filtration at Supply or Exhaust	Special Lighting	Carpet	Air Filtration at Supply or Exhaust	Special Lighting
Other	Natural Daylight Preferred or not x	Other	Other	Natural Daylight Preferred o
		Base		
CASEWORK/MILLWORK/ FURNITURE	EQUIPMENT	4" Rubber x	CASEWORK/MILLWORK/ FURNITURE	EQUIPMENT
Space Type	Refrigerator	Integral w/floor	Space Type	Refrigerator
Private	Microwave	Ceiling	Private	Microwave
Semi Private x	Coffee Machine	Open	Semi Private x	Coffee Machine
-	Dishwasher	Acoustic Tile x	Open	Dishwasher
Open			Guest Seating	Printer/ Scanner
Open Guest Seating	Printer/ Scanner	Gyp. Board		
		Height 9'	Table w/ seating for 2-3	Plotter
Guest Seating	Printer/ Scanner		s	
Guest Seating Table w/ seating for 2-3 x	Printer/ Scanner		Table w/ seating for 2-3	Plotter
Guest Seating Table w/ seating for 2-3 Wall Cabinets or Shelves	Printer/ Scanner Plotter Copier	Height 9'	Table w/ seating for 2-3 Wall Cabinets or Shelves	Plotter Copier
Guest Seating Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair	Printer/ Scanner Plotter Copier X	Height <u>9'</u> Doors	Table w/ seating for 2-3 Wall Cabinets or Shelves X Sofa/ Lounge chair	Plotter Copier Computers
Guest Seating Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture	Printer/ Scanner Plotter Copier X	Height 9' Doors Size	Table w/ seating for 2-3 Wall Cabinets or Shelves X Sofa/ Lounge chair Flexible Furniture	Plotter Copier Computers
Guest Seating Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture X	Printer/ Scanner Plotter Copier Computers X Other	Height 9' Doors Size Type	Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture Lateral File Cabinets	Plotter Copier Computers Other
Guest Seating Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture Lateral File Cabinets 2 drawer	Printer/ Scanner Plotter Copier Computers X Other ADJACENCY CRITERIA	Height 9' Doors Size Type Operable Wall	Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture Lateral File Cabinets 2 drawer	Plotter Copier Computers Other ADJACENCY CRITERIA
Guest Seating Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture Lateral File Cabinets 2 drawer 3 drawer	Printer/ Scanner Plotter Copier Computers Other ADJACENCY CRITERIA Primary Adjacency Staff/ Faculty Offices	Height 9' Doors Size Type Operable Wall Vision Panel	Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture Lateral File Cabinets 2 drawer 3 drawer	Plotter Copier Computers Other ADJACENCY CRITERIA Primary Adjacency Secondary Adjacency
Guest Seating Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture Lateral File Cabinets 2 drawer 3 drawer Vertical File Cabinets	Printer/ Scanner Plotter Copier Computers Other ADJACENCY CRITERIA Primary Adjacency Staff/ Faculty Offices	Height 9' Doors Size Type Operable Wall Vision Panel	Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture Lateral File Cabinets 2 drawer 3 drawer Vertical File Cabinets	Plotter Copier Computers Other ADJACENCY CRITERIA Primary Adjacency
Guest Seating Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture Lateral File Cabinets 2 drawer 3 drawer Vertical File Cabinets 2 drawer	Printer/ Scanner Plotter Copier Computers Other ADJACENCY CRITERIA Primary Adjacency Secondary Adjacency Meeting Rooms	Height 9' Doors Size Type Operable Wall Vision Panel Special Hardware or Seals	Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture Lateral File Cabinets 2 drawer 3 drawer Vertical File Cabinets 2 drawer 3 drawer Vertical File Cabinets 2 drawer	Plotter Copier Computers Other ADJACENCY CRITERIA Primary Adjacency Secondary Adjacency
Guest Seating Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture Lateral File Cabinets 2 drawer 3 drawer Vertical File Cabinets 2 drawer 3 drawer	Printer/ Scanner Plotter Copier Computers Other ADJACENCY CRITERIA Primary Adjacency Secondary Adjacency Meeting Rooms PERFORMANCE REQUIREMENTS	Height 9' Doors Size Type	Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture Lateral File Cabinets 2 drawer 3 drawer Vertical File Cabinets 2 drawer 3 drawer X	Plotter Copier Computers Other ADJACENCY CRITERIA Primary Adjacency Secondary Adjacency PERFORMANCE REQUIRI
Guest Seating	Printer/ Scanner Plotter Copier Computers Other ADJACENCY CRITERIA Primary Adjacency Secondary Adjacency Meeting Rooms PERFORMANCE REQUIREMENTS NC Acoustical Criteria 35-40	Height 9' Doors Size Type Operable Wall Vision Panel Special Hardware or Seals SECURITY Locks	Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture Lateral File Cabinets 2 drawer 3 drawer Vertical File Cabinets 2 drawer 3 drawer X Bookcases	Plotter Copier Computers Other ADJACENCY CRITERIA Primary Adjacency Secondary Adjacency PERFORMANCE REQUIRI NC Acoustical Criteria
Guest Seating	Printer/ Scanner Plotter Copier Computers Other ADJACENCY CRITERIA Primary Adjacency Secondary Adjacency Meeting Rooms PERFORMANCE REQUIREMENTS NC Acoustical Criteria Asoustical Panels	Height 9' Doors Size Type Operable Wall Vision Panel Special Hardware or Seals SECURITY Locks	Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture Lateral File Cabinets 2 drawer 3 drawer Vertical File Cabinets 2 drawer 3 drawer X Bookcases Conference Table	Plotter Copier Computers Other ADJACENCY CRITERIA Primary Adjacency Secondary Adjacency PERFORMANCE REQUIRI NC Acoustical Criteria Acoustical Panels
Guest Seating	Printer/ Scanner Plotter Copier Computers X Other ADJACENCY CRITERIA Primary Adjacency Secondary Adjacency Meeting Rooms PERFORMANCE REQUIREMENTS NC Acoustical Criteria Acoustical Panels Privacy Criteria Testing Criteria	Height 9' Doors Size Type Operable Wall Vision Panel Special Hardware or Seals SECURITY Locks	Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture Lateral File Cabinets 2 drawer 3 drawer 2 drawer 3 drawer 2 drawer 3 drawer X Bookcases Conference Table Markerboard	Plotter Copier Computers Other ADJACENCY CRITERIA Primary Adjacency Secondary Adjacency PERFORMANCE REQUIRI NC Acoustical Criteria Acoustical Panels Privacy Criteria
Guest Seating x Table w/ seating for 2-3 x Wall Cabinets or Shelves x Sofa/ Lounge chair x Flexible Furniture x Lateral File Cabinets z 2 drawer 3 3 drawer y Vertical File Cabinets z 2 drawer 3 3 drawer y Bookcases y Conference Table x	Printer/ Scanner Plotter Copier Computers X Other ADJACENCY CRITERIA Primary Adjacency Secondary Adjacency Meeting Rooms PERFORMANCE REQUIREMENTS NC Acoustical Criteria Acoustical Panels Privacy Criteria Testing Criteria	Height 9' Doors Size Type Operable Wall Vision Panel Special Hardware or Seals SECURITY Locks	Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture Lateral File Cabinets 2 drawer 3 drawer 2 drawer 3 drawer 2 drawer 3 drawer X Bookcases Conference Table Markerboard	Plotter Copier Computers Other ADJACENCY CRITERIA Primary Adjacency Secondary Adjacency PERFORMANCE REQUIRI NC Acoustical Criteria Acoustical Panels Privacy Criteria Testing Criteria
Guest Seating x Table w/ seating for 2-3 x Wall Cabinets or Shelves s Sofa/ Lounge chair x Flexible Furniture x Lateral File Cabinets 2 2 drawer 3 3 drawer Vertical File Cabinets 2 drawer 3 3 drawer Conference Table Markerboard x Tackboard x	Printer/ Scanner	Height 9' Doors Size Type	Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture Lateral File Cabinets 2 drawer 3 drawer Vertical File Cabinets 2 drawer 3 drawer X Bookcases Conference Table Markerboard X	Plotter Copier Computers Other ADJACENCY CRITERIA Primary Adjacency Secondary Adjacency PERFORMANCE REQUIRI NC Acoustical Criteria Acoustical Panels Privacy Criteria Testing Criteria
Guest Seating x Table w/ seating for 2-3 x Wall Cabinets or Shelves s Sofa/ Lounge chair	Printer/ Scanner Plotter Copier Computers x Other ADJACENCY CRITERIA Primary Adjacency Staff/ Faculty Offices Secondary Adjacency Meeting Rooms PERFORMANCE REQUIREMENTS NC Acoustical Criteria 35-40 Acoustical Panels Privacy Criteria	Height 9' Doors Size Type	Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture Lateral File Cabinets 2 drawer 3 drawer Vertical File Cabinets 2 drawer 3 drawer X Bookcases Conference Table Markerboard X	Plotter Copier Computers Other ADJACENCY CRITERIA Primary Adjacency Secondary Adjacency PERFORMANCE REQUIRI NC Acoustical Criteria Acoustical Panels Privacy Criteria Testing Criteria
Guest Seating x Table w/ seating for 2-3 x Wall Cabinets or Shelves sofa/ Lounge chair Flexible Furniture x Lateral File Cabinets 2 2 drawer 3 3 drawer Vertical File Cabinets 2 drawer 3 3 drawer Conference Table Markerboard x Tackboard x	Printer/ Scanner	Height 9' Doors Size Type	Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture Lateral File Cabinets 2 drawer 3 drawer Vertical File Cabinets 2 drawer 3 drawer X Bookcases Conference Table Markerboard X	Plotter Copier Computers Other ADJACENCY CRITERIA Primary Adjacency Secondary Adjacency PERFORMANCE REQUIRI NC Acoustical Criteria Acoustical Panels Privacy Criteria Testing Criteria

E3-2 COPY/MAIL AREA SHARED WORKPLACE

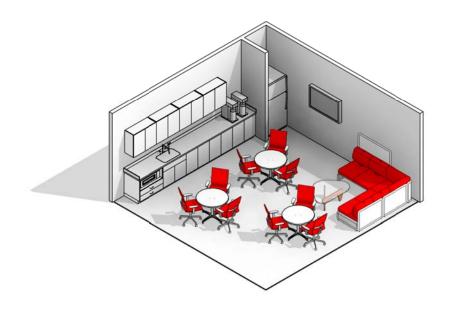
	AV Distance Learning Video Conferencing Projection Surface Flat screen Monitors Power at Table X Data at Table X Lectern or Other Smartboard
e x e se	ARCHITECTURAL Walls/Partitions GWB, Paint x GWB, Epoxy Paint CMU, Paint Other Wall Protection Corner Guards Crash Rails Other
nch/desk (labs) ch/desk (office: x mable x eferred or not x	Flooring VCT/ Vinyl free tile x Sheet Vinyl Concrete Resinous/ Epoxy Carpet Other
	Base 4" Rubber x Integral w/floor Ceiling Open Acoustic Tile x Gyp. Board Height
	Doors Size Type Operable Wall Vision Panel Special Hardware or Seals
REQUIREMENTS 35-40	SECURITY Locks Card Access x

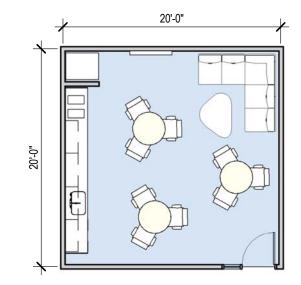


E3-3 STORAGE SHARED WORKPLACE

UTILIZATION		PLUMBING		AV	
Hours of Operation		Sinks		Distance Learning	
8 hours/day		Standard		Video Conferencing	
14 hours/day		ADA		Projection Surface	
24 hours/day	х	Scullery		Flat screen Monitors	
		Other		Power at Table	
				Data at Table	
CLASSROOM OCCUPANY				Lectern or Other	
No. Of Occupants				Smartboard	
MECHANICAL		ELECTRICAL			
Temperature		Electrical Raceway		ARCHITECTURAL	
70°-75° ± 1°F		110V, 20A, 1 Phase	x	Walls/Partitions	
72°F ± 2°F	x	208V, 30A, 1 Phase	~	GWB. Paint	х
Other	^	208V, 30A, 3 Phase		GWB, Epoxy Paint	^
Humidity		480V, 100A, 3 Phase		CMU, Paint	
50%- 25%± 5%	x	Emergency/ Standby Power		Other	
Uncontrolled	^	UPS (OFOI)		Wall Protection	
Other < 50%		Other		Corner Guards	
15 ACH (Min)		Other		Crash Rails	
		LIGHTING		Other	
10 ACH (Min)				Flooring	
6 ACH (Min)		Lighting Level		0	
100% Make-up Air		80-100 fc at bench/desk (labs)	20	VCT/ Vinyl free tile	X
Recirculated Air	х	30-60 fc at bench/desk (offices	30	Sheet Vinyl	
Air Pressure Positive		Task Lighting		Concrete	
Air Pressure Negative		Darkenable or Dimmable		Resinous/ Epoxy	
Air Filtration at Supply or Exhaust		Special Lighting	N. /	Carpet	
Other		Natural Daylight Preferred or not	Not	Other	
		COMPLEXIT		Base	
CASEWORK/MILLWORK/ FURM	ITURE	EQUIPMENT		4" Rubber	X
Space Type		Refrigerator		Integral w/floor	
Private	х	Microwave		Ceiling	
Semi Private		Coffee Machine		Open	
Open		Dishwasher		Acoustic Tile	Х
Guest Seating		Printer/ Scanner		Gyp. Board	
Table w/ seating for 2-3		Plotter		Height	
Wall Cabinets or Shelves	х	Copier		_	
Sofa/ Lounge chair		Computers		Doors	
Flexible Furniture		Other		Size	3'-0"x7'-0"
Lateral File Cabinets				Туре	Single Flush
2 drawer		ADJACENCY CRITERIA		Operable Wall	
3 drawer		Primary Adjacency		Vision Panel	
Vertical File Cabinets		Secondary Adjacency		Special Hardware or Se	als
2 drawer					
3 drawer	х	PERFORMANCE REQUIREMENTS	S	SECURITY	
Bookcases		NC Acoustical Criteria		Locks	
Conference Table		Acoustical Panels		Card Access	Х
Markerboard	х	Privacy Criteria			
Tackboard		Testing Criteria			
		STC Rating			
REMARKS:					









UTILIZATION		PLUMBING
Hours of Operation		Sinks
8 hours/day		Standard
14 hours/day	Х	ADA
24 hours/day		Scullery
		Other
CLASSROOM OCCUPANY		
No. Of Occupants	25	
MECHANICAL		ELECTRICAL
Temperature		Electrical Raceway
70°-75° ± 1°F		110V, 20A, 1 Phase
72°F ± 2°F	Х	208V, 30A, 1 Phase
Other		208V, 30A, 3 Phase
Humidity		480V, 100A, 3 Phase
50%- 25%± 5%	Х	Emergency/ Standby Power
Uncontrolled		UPS (OFOI)
Other < 50%		Other
15 ACH (Min)		
10 ACH (Min)		LIGHTING
6 ACH (Min)		Lighting Level
100% Make-up Air		80-100 fc at bench/desk (lab
Recirculated Air	Х	30-60 fc at bench/desk (offic
Air Pressure Positive		Task Lighting
Air Pressure Negative		Darkenable or Dimmable
Air Filtration at Supply or Ex	haust	Special Lighting
Other		Natural Daylight Preferred or no
CASEWORK/MILLWORK/	FURNITURE	EQUIPMENT
Space Type		Refrigerator
Private		Microwave
Semi Private	х	Coffee Machine
Open		Dishwasher
Guest Seating	х	Printer/ Scanner
Table w/ seating for 2-3	х	Plotter
Wall Cabinets or Shelves		Copier
Sofa/ Lounge chair	х	Computers
Flexible Furniture	х	Other
Lateral File Cabinets		
2 drawer		ADJACENCY CRITERIA
3 drawer		Primary Adjacency
Vertical File Cabinets		Secondary Adjacency
2 drawer		
3 drawer		PERFORMANCE REQUIREME
Bookcases	х	NC Acoustical Criteria
Conference Table		Acoustical Panels
Markerboard	х	Privacy Criteria
Tackboard		Testing Criteria
		STC Rating
REMARKS:		

E3-4 INTERDISCIPLINARY FACULTY/STAFF LOUNGE SHARED WORKPLACE

		AV	
		Distance Learning	
	х	Video Conferencing	x
		Projection Surface	
		Flat screen Monitors	x
		Power at Table	X
		Data at Table	
		Lectern or Other	
		Smartboard	
		ARCHITECTURAL	
	х	Walls/Partitions	
	х	GWB, Paint	х
		GWB, Epoxy Paint	
9		CMU, Paint	
Power		Other	
		Wall Protection	
		Corner Guards	
		Crash Rails	
		Other	
		Flooring	
h/desk (labs)		VCT/ Vinyl free tile	X
/desk (office:	<u>x</u>	Sheet Vinyl	
		Concrete	
able	х	Resinous/ Epoxy	
		Carpet	
erred or not	х	Other	
		Base	
		4" Rubber	х
	x	Integral w/floor	
	x	Ceiling	
	X	Open	
	x	Acoustic Tile	X
		Gyp. Board	x
		Height	
		Doors	
		Size	3'-0"x7'-0"
		Туре	Single Flush
RIA		Operable Wall	
		Vision Panel	
у		Special Hardware or Sea	als
		-	
	ITS	SECURITY	
a		Locks	
-		Card Access	x
		Cara Access	^

all hands staff meetings, lunch, lounge and formal to informal interactions.





E3-5 MEDIUM MEETING ROOM SHARED WORKPLACE

UTILIZATION		PLUMBING		AV	
Hours of Operation		Sinks		Distance Learning	
8 hours/day	х	Standard		Video Conferencing	Х
14 hours/day		ADA		Projection Surface	Х
24 hours/day		Scullery		Flat screen Monitors	х
		Other		Power at Table	х
				Data at Table	х
CLASSROOM OCCUPANY				Lectern or Other	х
No. Of Occupants	15			Smartboard	
MECHANICAL		ELECTRICAL			
Temperature		Electrical Raceway	_	ARCHITECTURAL	
$70^{\circ}-75^{\circ} \pm 1^{\circ}F$		110V, 20A, 1 Phase	x	Walls/Partitions	
70 - 73 ± 1 P 72°F ± 2°F		208V, 30A, 1 Phase	<u> </u>	GWB, Paint	X
Other	х	208V, 30A, 3 Phase		GWB, Epoxy Paint	X
				CMU, Paint	
Humidity 50%- 25%± 5%		480V, 100A, 3 Phase		Other	
	x	Emergency/ Standby Power			
		UPS (OFOI)		Wall Protection	
Other < 50%		Other		Corner Guards	
15 ACH (Min)				Crash Rails	
10 ACH (Min)		LIGHTING		Other	
6 ACH (Min)		Lighting Level		Flooring	
100% Make-up Air		80-100 fc at bench/desk (labs	,	VCT/ Vinyl free tile	X
Recirculated Air	х	30-60 fc at bench/desk (office	5 X	Sheet Vinyl	
Air Pressure Positive		Task Lighting		Concrete	
Air Pressure Negative		Darkenable or Dimmable	Х	Resinous/ Epoxy	
Air Filtration at Supply or Exhaust		Special Lighting		Carpet	
Other		Natural Daylight Preferred or not	x	Other	
				Base	
CASEWORK/MILLWORK/ FURN	ITURE	EQUIPMENT		4" Rubber	Х
Space Type		Refrigerator	х	Integral w/floor	
Private		Microwave	х	Ceiling	
Semi Private	х	Coffee Machine	х	Open	
Open		Dishwasher		Acoustic Tile	х
Guest Seating		Printer/ Scanner		Gyp. Board	х
Table w/ seating for 2-3		Plotter		Height	
Wall Cabinets or Shelves		Copier			
Sofa/ Lounge chair		Computers		Doors	
Flexible Furniture	х	Other		Size	3'-0"x7'-0"
Lateral File Cabinets				Туре	Single Flush
2 drawer		ADJACENCY CRITERIA		Operable Wall	
3 drawer		Primary Adjacency	Faculty Offices	Vision Panel	
Vertical File Cabinets		Secondary Adjacency	i	Special Hardware or S	eals
2 drawer				-	
3 drawer		PERFORMANCE REQUIREMEN	NTS	SECURITY	
Bookcases		NC Acoustical Criteria	30-35	Locks	
Conference Table	x	Acoustical Panels	X	Card Access	х
Markerboard	x	Privacy Criteria			<u> </u>
Tackboard	-	Testing Criteria			
		STC Rating			
REMARKS:		- · · · · · · · · · · · · · · · · · · ·			

E3-6 SMALL MEETING ROOM SHARED WORKPLACE

UTILIZATION		PLUMBING	
Hours of Operation		Sinks	
8 hours/day	х	Standard	
14 hours/day		ADA	_
24 hours/day		Scullery	_
_		Other	_
CLASSROOM OCCUPANY			
No. Of Occupants	5		
MECHANICAL		ELECTRICAL	
Temperature		Electrical Raceway	
70°-75° ± 1°F		110V, 20A, 1 Phase	
72°F ± 2°F	х	208V, 30A, 1 Phase	
Other		208V, 30A, 3 Phase	
Humidity		480V, 100A, 3 Phase	_
50%- 25%± 5%	х	Emergency/ Standby Power	
Uncontrolled		UPS (OFOI)	
Other < 50%		Other	
15 ACH (Min)			
		LIGHTING	
6 ACH (Min)		Lighting Level	
100% Make-up Air		80-100 fc at bench/desk (la	bs)
Recirculated Air	х	30-60 fc at bench/desk (offi	ce
Air Pressure Positive		Task Lighting	
Air Pressure Negative		Darkenable or Dimmable	
Air Filtration at Supply or Exha	ust	Special Lighting	
-	ust		ot _
Air Filtration at Supply or Exha		Special Lighting	ot _
Air Filtration at Supply or Exha Other		Special Lighting Natural Daylight Preferred or n	ot _
Air Filtration at Supply or Exha Other CASEWORK/MILLWORK/ FU		Special Lighting Natural Daylight Preferred or n EQUIPMENT	ot _
Air Filtration at Supply or Exha Other CASEWORK/MILLWORK/ FU Space Type		Special Lighting Natural Daylight Preferred or n EQUIPMENT Refrigerator	ot
Air Filtration at Supply or Exha Other CASEWORK/MILLWORK/ FU Space Type Private	RNITURE	Special Lighting Natural Daylight Preferred or n EQUIPMENT Refrigerator Microwave	ot
Air Filtration at Supply or Exha Other CASEWORK/MILLWORK/ FU Space Type Private Semi Private	RNITURE	Special Lighting Natural Daylight Preferred or n EQUIPMENT Refrigerator Microwave Coffee Machine	ot
Air Filtration at Supply or Exha Other CASEWORK/MILLWORK/ FU Space Type Private Semi Private Open	RNITURE	Special Lighting Natural Daylight Preferred or n EQUIPMENT Refrigerator Microwave Coffee Machine Dishwasher	ot _
Air Filtration at Supply or Exha Other CASEWORK/MILLWORK/ FU Space Type Private Semi Private Open Guest Seating	RNITURE	Special Lighting Natural Daylight Preferred or n EQUIPMENT Refrigerator Microwave Coffee Machine Dishwasher Printer/ Scanner	ot _
Air Filtration at Supply or Exha Other CASEWORK/MILLWORK/ FU Space Type Private Semi Private Open Guest Seating Table w/ seating for 2-3	RNITURE	Special Lighting Natural Daylight Preferred or n EQUIPMENT Refrigerator Microwave Coffee Machine Dishwasher Printer/ Scanner Plotter	ot
Air Filtration at Supply or Exha Other CASEWORK/MILLWORK/ FU Space Type Private Semi Private Open Guest Seating Table w/ seating for 2-3 Wall Cabinets or Shelves	RNITURE	Special Lighting Natural Daylight Preferred or n EQUIPMENT Refrigerator Microwave Coffee Machine Dishwasher Printer/ Scanner Plotter Copier	ot
Air Filtration at Supply or Exha Other CASEWORK/MILLWORK/ FU Space Type Private Semi Private Open Guest Seating Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair	X	Special Lighting Natural Daylight Preferred or n EQUIPMENT Refrigerator Microwave Coffee Machine Dishwasher Printer/ Scanner Plotter Copier Computers	ot
Air Filtration at Supply or Exha Other CASEWORK/MILLWORK/ FU Space Type Private Semi Private Open Guest Seating Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture	X	Special Lighting Natural Daylight Preferred or n EQUIPMENT Refrigerator Microwave Coffee Machine Dishwasher Printer/ Scanner Plotter Copier Computers	ot =
Air Filtration at Supply or Exha Other CASEWORK/MILLWORK/ FU Space Type Private Semi Private Open Guest Seating Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture Lateral File Cabinets	X	Special Lighting Natural Daylight Preferred or n EQUIPMENT Refrigerator Microwave Coffee Machine Dishwasher Printer/ Scanner Plotter Copier Computers Other	
Air Filtration at Supply or Exha Other CASEWORK/MILLWORK/ FU Space Type Private Semi Private Open Guest Seating Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture Lateral File Cabinets 2 drawer 3 drawer Vertical File Cabinets	X	Special Lighting Natural Daylight Preferred or n EQUIPMENT Refrigerator Microwave Coffee Machine Dishwasher Printer/ Scanner Plotter Copier Computers Other ADJACENCY CRITERIA	-
Air Filtration at Supply or Exha Other CASEWORK/MILLWORK/ FU Space Type Private Semi Private Open Guest Seating Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture Lateral File Cabinets 2 drawer 3 drawer Vertical File Cabinets 2 drawer	X	Special Lighting Natural Daylight Preferred or n EQUIPMENT Refrigerator Microwave Coffee Machine Dishwasher Printer/ Scanner Plotter Copier Computers Other ADJACENCY CRITERIA Primary Adjacency Secondary Adjacency	- - - - - - - - - - - - - - - - - - -
Air Filtration at Supply or Exha Other CASEWORK/MILLWORK/ FU Space Type Private Semi Private Open Guest Seating Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture Lateral File Cabinets 2 drawer 3 drawer Vertical File Cabinets 2 drawer 3 drawer 3 drawer	X	Special Lighting Natural Daylight Preferred or n EQUIPMENT Refrigerator Microwave Coffee Machine Dishwasher Printer/ Scanner Plotter Copier Computers Other ADJACENCY CRITERIA Primary Adjacency Secondary Adjacency	- - - - - - - - - - - - - - - - - - -
Air Filtration at Supply or Exha Other CASEWORK/MILLWORK/ FU Space Type Private Semi Private Open Guest Seating Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture Lateral File Cabinets 2 drawer 3 drawer 3 drawer Vertical File Cabinets 2 drawer 3 drawer 3 drawer Bookcases	X	Special Lighting Natural Daylight Preferred or n EQUIPMENT Refrigerator Microwave Coffee Machine Dishwasher Printer/ Scanner Plotter Copier Computers Other ADJACENCY CRITERIA Primary Adjacency Secondary Adjacency PERFORMANCE REQUIREM NC Acoustical Criteria	- - - - - - - - - - - - - - - - - - -
Air Filtration at Supply or Exha Other CASEWORK/MILLWORK/ FU Space Type Private Semi Private Open Guest Seating Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture Lateral File Cabinets 2 drawer 3 drawer Vertical File Cabinets 2 drawer 3 drawer Sofa/ Lounge chair Flexible Furniture Lateral File Cabinets 2 drawer 3 drawer Sookcases Conference Table	X	Special Lighting Natural Daylight Preferred or n EQUIPMENT Refrigerator Microwave Coffee Machine Dishwasher Printer/ Scanner Plotter Copier Computers Other ADJACENCY CRITERIA Primary Adjacency Secondary Adjacency PERFORMANCE REQUIREM NC Acoustical Criteria Acoustical Panels	- - - - - - - - - - - - - - - - - - -
Air Filtration at Supply or Exha Other CASEWORK/MILLWORK/ FU Space Type Private Semi Private Open Guest Seating Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture Lateral File Cabinets 2 drawer 3 drawer 3 drawer Vertical File Cabinets 2 drawer 3 drawer 3 drawer Bookcases	X	Special Lighting Natural Daylight Preferred or n EQUIPMENT Refrigerator Microwave Coffee Machine Dishwasher Printer/ Scanner Plotter Copier Computers Other ADJACENCY CRITERIA Primary Adjacency Secondary Adjacency PERFORMANCE REQUIREM NC Acoustical Criteria	- - - - - - - - - - - - - - - - - - -



	AV	
	Distance Learning	
	Video Conferencing	х
	Projection Surface	х
	Flat screen Monitors	х
	Power at Table	x
	Data at Table	<u> </u>
	Lectern or Other	~
	Smartboard	
	Smartboard	
_	ARCHITECTURAL	
x	Walls/Partitions	
	GWB, Paint	X
	,	x
	GWB, Epoxy Paint	
	CMU, Paint	
	Other	
	Wall Protection	
	Corner Guards	
	Crash Rails	
	Other	
	Flooring	
5)	VCT/ Vinyl free tile	х
x x	Sheet Vinyl	
	Concrete	
х	Resinous/ Epoxy	
	Carpet	
x	Other	
	Base	
	4" Rubber	х
	Integral w/floor	
	Ceiling	
	Open	
	Acoustic Tile	x
	Gyp. Board	× ×
	Height	
	Doors	
	Size	3'-0"x7'-0"
	Type	Single Flush
	Operable Wall Vision Panel	
Faculty Offices		X
	Special Hardware or Se	ais
NTS	SECURITY	
30-35	Locks	
x	Card Access	х
<u> </u>		

E4-1 FACULTY OFFICES PUBLIC HEALTH

UTILIZATION	PLUMBING	AV	UTILIZATION	PLUMBING
Hours of Operation	Sinks	Distance Learning	Hours of Operation	Sinks
8 hours/day	Standard	Video Conferencing	8 hours/day	Standard
14 hours/day x	ADA	Projection Surface	14 hours/day x	ADA
24 hours/day	Scullery	Flat screen Monitors	24 hours/day	Scullery
	Other	Power at Table x	· · · · · · · · · · · · · · · · · · ·	Other
		Data at Table x		
CLASSROOM OCCUPANY		Lectern or Other	CLASSROOM OCCUPANY	
No. Of Occupants 1 to	2	Flat screen Monitors Power at Table Data at Table X Lectern or Other Smartboard	No. Of Occupants 1 to 2	
			·	
MECHANICAL	ELECTRICAL		MECHANICAL	ELECTRICAL
Temperature	Electrical Raceway	ARCHITECTURAL	Temperature	Electrical Raceway
70°-75° ± 1°F	110V, 20A, 1 Phase x	Walls/Partitions	70°-75° ± 1°F	110V, 20A, 1 Phase
72°F ± 2°F x		GWB, Paint x	72°F ± 2°F x	208V, 30A, 1 Phase
Other	208V, 30A, 3 Phase	GWB, Paint x GWB, Epoxy Paint CMU, Paint	Other	208V, 30A, 3 Phase
Humidity	480V, 100A, 3 Phase	CMU, Paint	Humidity	480V, 100A, 3 Phase
50%- 25%± 5% x	480V, 100A, 3 Phase Emergency/ Standby Power UPS (OFOI)	Other	50%- 25%± 5% x	Emergency/ Standby Power
Uncontrolled	UPS (OFOI)	Wall Protection	Uncontrolled	UPS (OFOI)
Other < 50%	Other	Corner Guards	Other < 50%	Other
15 ACH (Min)		Crash Rails	15 ACH (Min)	
10 ACH (Min)	LIGHTING	Other	10 ACH (Min)	LIGHTING
6 ACH (Min)	Lighting Level	Flooring	6 ACH (Min)	Lighting Level
100% Make-up Air	80-100 fc at bench/desk (labs)		100% Make-up Air	80-100 fc at bench/desk (
Recirculated Air x		VCT/ Vinyl free tile x Sheet Vinyl	Recirculated Air x	30-60 fc at bench/desk (o
Air Pressure Positive	Task Lighting x	Concrete	Air Pressure Positive	Task Lighting
Air Pressure Negative	Darkenable or Dimmable	Concrete Resinous/ Epoxy	Air Pressure Negative	Darkenable or Dimmable
Air Filtration at Supply or Exhaust	Special Lighting	Carpet	Air Filtration at Supply or Exhaust	Special Lighting
Other	Natural Daylight Preferred or not x	Other	Other	Natural Daylight Preferred or
		Base		Natural Daylight Treferred of
CASEWORK/MILLWORK/ FURNITUR	RE EQUIPMENT	4" Rubber x	CASEWORK/MILLWORK/ FURNITURE	EQUIPMENT
Space Type	Refrigerator	Integral w/floor	Space Type	Refrigerator
Private x	Microwave	Ceiling	Private x	Microwave
Semi Private	Coffee Machine	Open	Semi Private	Coffee Machine
Open			Open	Dishwasher
			Guest Seating x	Printer/ Scanner
5	Plotter	Gyp. Board Height9'	Table w/ seating for 2-3	Plotter
Table w/ seating for 2-3 Wall Cabinets or Shelves	Copier	Height 9'	Wall Cabinets or Shelves	Copier
		Doors	Sofa/ Lounge chair	
Sofa/ Lounge chair	Computers x Other		Flexible Furniture	Computers Other
			Lateral File Cabinets	Other
Lateral File Cabinets				
2 drawer		Operable Wall Vision Panel X	2 drawer 3 drawer	ADJACENCY CRITERIA
3 drawer	Primary Adjacency			Primary Adjacency
Vertical File Cabinets	Secondary Adjacency	Special Hardware or Seals	Vertical File Cabinets	Secondary Adjacency
2 drawer x			2 drawer x	
3 drawer	PERFORMANCE REQUIREMENTS	SECURITY	3 drawer	PERFORMANCE REQUIRE
Bookcases x		Locks	Bookcases x	NC Acoustical Criteria
Conference Table	Acoustical Panels	Card Access x	Conference Table	Acoustical Panels
Markerboard x			Markerboard x	Privacy Criteria
Tackboard	Testing Criteria	=	Tackboard	Testing Criteria
	STC Rating 40-45	_		STC Rating
REMARKS:			REMARKS:	

Consider a forward thinking workplace environment. Open environment or if enclosed, to be glass fronted and have enough room to maneouver a wheelchair. Sit-stand ergonomic furniture.

Acoustical Panels	
Privacy Criteria	
Testing Criteria	
STC Rating	

Consider a forward thinking workplace environment. Open environment or if enclosed, to be glass fronted and have enough room to maneouver a wheelchair. Sit-stand ergonomic furniture.

E4-2 LECTURER OFFICE PUBLIC HEALTH

IG	AV
	Distance Learning
ard	Video Conferencing
	Projection Surface
	Flat screen Monitors
,	Power at Table x
	Data at Table x
	Lectern or Other
	Smartboard
CAL	
Raceway	ARCHITECTURAL
A, 1 Phase x	Walls/Partitions
A, 1 Phase	GWB, Paint x
A, 3 Phase	GWB, Epoxy Paint
0A, 3 Phase	CMU, Paint
cy/ Standby Power	Other
DI)	Wall Protection
	Corner Guards
	Crash Rails
3	Other
	Flooring
) fc at bench/desk (labs)	VCT/ Vinyl free tile x
fc at bench/desk (office: 30	Sheet Vinyl
ting <u>x</u>	Concrete
le or Dimmable	Resinous/ Epoxy
ghting	Carpet
aylight Preferred or not x	Other
	Base
INT	4" Rubber x
or	Integral w/floor
e	Ceiling
achine	Open
er	Acoustic Tile x
canner	Gyp. Board
	Height 9'
s <u>X</u>	Doors
	Size <u>3'-0"x7'-0"</u>
	Type Single Flush
	Operable Wall
djacency	Vision Panel X
y Adjacency	Special Hardware or Seals
MANCE REQUIREMENTS	SECURITY
stical Criteria 35-40	Locks
l Panels	Card Access x
riteria <u>Yes</u> riteria	
ng <u>40-45</u>	





E4-3 **STAFF** PUBLIC HEALTH

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UTILIZATION		PLUMBING	AV
Hours of Operation		Sinks	Distance Learning
8 hours/day		Standard	Video Conferencing
14 hours/day	х	ADA	Projection Surface
24 hours/day		Scullery	Flat screen Monitors
		Other	Power at Table x
			Data at Table x
CLASSROOM OCCUPANY			Lectern or Other
No. Of Occupants	1 to 2		Smartboard
MECHANICAL		ELECTRICAL	
Temperature		Electrical Raceway	ARCHITECTURAL
70°-75° ± 1°F		110V, 20A, 1 Phase x	Walls/Partitions
72°F ± 2°F	х	208V, 30A, 1 Phase	GWB, Paint x
Other		208V, 30A, 3 Phase	GWB, Epoxy Paint
Humidity		480V, 100A, 3 Phase	CMU, Paint
50%- 25%± 5%	х	Emergency/ Standby Power	Other
Uncontrolled		UPS (OFOI)	Wall Protection
Other < 50%		Other	Corner Guards
15 ACH (Min)			Crash Rails
10 ACH (Min)		LIGHTING	Other
6 ACH (Min)		Lighting Level	Flooring
100% Make-up Air		80-100 fc at bench/desk (labs)	VCT/ Vinyl free tile x
Recirculated Air	х	30-60 fc at bench/desk (offices 30	Sheet Vinyl
Air Pressure Positive		Task Lighting x	Concrete
Air Pressure Negative		Darkenable or Dimmable	Resinous/ Epoxy
Air Filtration at Supply or Exhaus	st	Special Lighting	Carpet
Other		Natural Daylight Preferred or not x	Other
			Base
CASEWORK/MILLWORK/ FUR	NITURE	EQUIPMENT	4" Rubber x
Space Type		Refrigerator	Integral w/floor
Private	х	Microwave	Ceiling
Semi Private		Coffee Machine	Open
Open		Dishwasher	Acoustic Tile x
Guest Seating	х	Printer/ Scanner	Gyp. Board
Table w/ seating for 2-3		Plotter	Height 9'
Wall Cabinets or Shelves		Copier	
Sofa/ Lounge chair		Computers x	Doors
Flexible Furniture		Other	Size 3'-0"x7'-0"
Lateral File Cabinets			Type Single Flush
2 drawer		ADJACENCY CRITERIA	Operable Wall
3 drawer		Primary Adjacency	Vision Panel X
Vertical File Cabinets		Secondary Adjacency	Special Hardware or Seals
2 drawer	x		
3 drawer		PERFORMANCE REQUIREMENTS	SECURITY
Bookcases	х	NC Acoustical Criteria 35-40	Locks
Conference Table		Acoustical Panels	Card Access x
Markerboard	х	Privacy Criteria Yes	
Tackboard		Testing Criteria	
		STC Rating 40-45	j <u> </u>
REMARKS:			

Consider a forward thinking workplace environment. Open environment or if enclosed, to be glass fronted and have enough room to maneouver a wheelchair. Sit-stand ergonomic furniture.

E4-4 **GRAD ASSISTANTS** PUBLIC HEALTH

UTILIZATION	
Hours of Operation	
8 hours/day	
14 hours/day	
24 hours/day	

PLUMBING Sinks Standard ADA Scullery Other

х

CLASSROOM OCCUPANY No. Of Occupants 1 to 2

MECHANICAL Temperature . 70°-75° ± 1°F 72°F ± 2°F Other Humidity 50%- 25%± 5% Uncontrolled Other < 50% 15 ACH (Min) 10 ACH (Min) 6 ACH (Min) 100% Make-up Air Recirculated Air Air Pressure Positive Air Pressure Negative

Air Filtration at Supply or Exhaust Other

CASEWORK/MILLWORK/ FURNITURE

Space Type Private Semi Private Open Guest Seating Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture Lateral File Cabinets 2 drawer 3 drawer Vertical File Cabinets 2 drawer

3 drawer Bookcases Conference Table Markerboard Tackboard

REMARKS:

Consider a forward thinking workplace environment. Open environment or if enclosed, to be glass fronted and have enough room to maneouver a wheelchair. Sit-stand ergonomic furniture.

Sinks		Distance
Standard		Video Co
ADA		Projectio
Scullery		Flat scre
Other		Power at
		Data at 1
		Lectern of
		Smartbo
ELECTRICAL		
Electrical Raceway		ARCHITI
110V, 20A, 1 Phase	х	Walls/Pa
208V, 30A, 1 Phase		GWE
208V, 30A, 3 Phase		GWE
480V, 100A, 3 Phase		CML
Emergency/ Standby Power		Othe
UPS (OFOI)		Wall Pro
Other		Corn
		Cras
LIGHTING		Othe
Lighting Level		Flooring
80-100 fc at bench/desk (labs))	VCT
30-60 fc at bench/desk (office	30	Shee
Task Lighting	х	Cond
Darkenable or Dimmable		Resi
Special Lighting		Carp
Natural Daylight Preferred or not	х	Othe
		Base
EQUIPMENT		4" Rı
Refrigerator		Integ
Microwave		Ceiling
Coffee Machine		Oper
Dishwasher		Acou
Printer/ Scanner		Gyp.
Plotter		Heig
Copier		-
Computers	х	Doors
Other		Size
		Туре
ADJACENCY CRITERIA		Oper
Primary Adjacency		Visio
Secondary Adjacency		Spec
PERFORMANCE REQUIREMEN	TS	SECURI
NC Acoustical Criteria	35-40	Lock
Acoustical Panels		Card
Privacy Criteria	Yes	Cara
Testing Criteria	105	
. seeing ontonia		
STC Rating	40-45	
STC Rating	40-45	

A\/

Distance Learning	
Video Conferencing	
Projection Surface	
Flat screen Monitors	
Power at Table	х
Data at Table	х
Lectern or Other	
Smartboard	
ARCHITECTURAL	
Walls/Partitions	
GWB, Paint	х
GWB, Epoxy Paint	
CMU, Paint	
Other	
Wall Protection	
Corner Guards	
Crash Rails	
Other	
Flooring	
VCT/ Vinyl free tile	х
Sheet Vinyl	
Concrete	
Resinous/ Epoxy	
Carpet	
Other	
Base	
4" Rubber	х
Integral w/floor	
Ceiling	
Open	
Acoustic Tile	х
Gyp. Board	
Height	9'
Doors	
Size	3'-0"x7'-0"
Туре	Single Flush
Operable Wall	
Vision Panel	Х
Special Hardware or Sea	als
SECURITY	
SECURITY Locks	
	x
Locks	X
Locks	X

E4-5 FACULTY/STAFF OFFICES PUBLIC HEALTH

UTILIZATION	PLUMBING	AV	UTILIZATION	PLUMBING
Hours of Operation	Sinks	Distance Learning	Hours of Operation	Sinks
8 hours/day	Standard	Video Conferencing	8 hours/day	Standard
14 hours/day	x ADA	Projection Surface	14 hours/day x	ADA
24 hours/day	Scullery	Flat screen Monitors	24 hours/day	Scullery
	Other	Power at Table x		Other
		Data at Table x		
CLASSROOM OCCUPANY		Lectern or Other	CLASSROOM OCCUPANY	
No. Of Occupants 1	to 2	Projection Surface Flat screen Monitors Power at Table x Data at Table x Lectern or Other Smartboard	No. Of Occupants 1	
			· · · · · · · · · · · · · · · · · · ·	
MECHANICAL	ELECTRICAL		MECHANICAL	ELECTRICAL
Temperature	Electrical Raceway	ARCHITECTURAL	Temperature	Electrical Raceway
70°-75° ± 1°F	110V, 20A, 1 Phase x	Walls/Partitions	70°-75° ± 1°F	110V, 20A, 1 Phase
72°F ± 2°F	x 208V, 30A, 1 Phase	GWB, Paint x GWB, Epoxy Paint CMU, Paint	72°F ± 2°F x	208V, 30A, 1 Phase
Other	208V, 30A, 3 Phase	GWB, Epoxy Paint	Other	208V, 30A, 3 Phase
Humidity	208V, 30A, 3 Phase 480V, 100A, 3 Phase x Emergency/ Standby Power UPS (OFOI)	CMU, Paint	Humidity	480V, 100A, 3 Phase
50%- 25%± 5%	x Emergency/ Standby Power	Other	50%-25%±5% x	Emergency/ Standby Power
Uncontrolled	UPS (OFOI)	Wall Protection	Uncontrolled	UPS (OFOI)
Other < 50%	Other	Corner Guards	Other < 50%	Other
15 ACH (Min)		Crash Rails	15 ACH (Min)	
10 ACH (Min)	LIGHTING	Other	10 ACH (Min)	LIGHTING
6 ACH (Min)	Lighting Level	Flooring	6 ACH (Min)	Lighting Level
100% Make-up Air	80-100 fc at bench/desk (labs)		100% Make-up Air	80-100 fc at bench/desk (
	x 30-60 fc at bench/desk (office: 30	VCT/ Vinyl free tile x Sheet Vinyl	Recirculated Air x	30-60 fc at bench/desk (o
Air Pressure Positive	Task Lighting x	Concrete	Air Pressure Positive	Task Lighting
Air Pressure Negative	Darkenable or Dimmable	Concrete Resinous/ Epoxy	Air Pressure Negative	Darkenable or Dimmable
Air Filtration at Supply or Exhaust	Special Lighting	Carpet	Air Filtration at Supply or Exhaust	Special Lighting
Other	Natural Daylight Preferred or not x	Carpet Other	Other	Natural Daylight Preferred or
		Base		
CASEWORK/MILLWORK/ FURNIT	URE EQUIPMENT	4" Rubber x	CASEWORK/MILLWORK/ FURNITURE	EQUIPMENT
Space Type	Refrigerator	Integral w/floor	Space Type	Refrigerator
Private	x Microwave	Ceiling	Private x	Microwave
Semi Private	Coffee Machine	Open	Semi Private	Coffee Machine
Open			Open	Dishwasher
	x Dishwasher	Gyp. Board	Guest Seating x	Printer/ Scanner
Table w/ seating for 2-3	Plotter	Height 9'	Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair	Plotter
Wall Cabinets or Shelves	Copier		Wall Cabinets or Shelves	Copier
Sofa/ Lounge chair	Computers x	Doors	Sofa/ Lounge chair	Computers
Flexible Furniture	Other		Flexible Furniture	Other
Lateral File Cabinets		Type Single Flush	Lateral File Cabinets	Othor
2 drawer	ADJACENCY CRITERIA	Operable Wall	2 drawer	ADJACENCY CRITERIA
3 drawer	Primary Adjacency	Vision Panel X	3 drawer	Primary Adjacency
Vertical File Cabinets	Secondary Adjacency	Special Hardware or Seals	Vertical File Cabinets	Secondary Adjacency
2 drawer			2 drawer x	occontary Adjacency
3 drawer	PERFORMANCE REQUIREMENTS	SECURITY	3 drawer	PERFORMANCE REQUIRE
	x NC Acoustical Criteria 35-40	Locks	Bookcases x	NC Acoustical Criteria
Conference Table	Acoustical Panels		Conference Table	Acoustical Panels
		Card Access x	Markerboard x	Privacy Criteria
Tackboard				-
	Testing Criteria	—		Testing Criteria
	STC Rating 40-45	_		STC Rating
REMARKS:			REMARKS:	

Consider a forward thinking workplace environment. Open environment or if enclosed, to be glass fronted and have enough room to maneouver a wheelchair. Sit-stand ergonomic furniture.

E4-6 **OFFICE MANAGER** OCCUPATIONAL THERAPY

	AV	
	Distance Learning	
	Video Conferencing	
	Projection Surface	
	Flat screen Monitors	
	Power at Table	x
	Data at Table	x
	Lectern or Other	
	Smartboard	
	ARCHITECTURAL	
Х	Walls/Partitions	
	GWB, Paint	х
	GWB, Epoxy Paint	
	CMU, Paint	
r	Other	
	Wall Protection	
	Corner Guards	
	Crash Rails	
	Other	
<i></i>	Flooring	
(labs)	VCT/ Vinyl free tile	<u> </u>
office: 30	Sheet Vinyl	
Х	Concrete	
	Resinous/ Epoxy	
	Carpet	
or not x	Other	
	Base	
	4" Rubber	x
	Integral w/floor	
	Ceiling	
	Open	
	Acoustic Tile	x
	Gyp. Board	
	Height	9'
х	Doors	
	Size	3'-0"x7'-0"
	Туре	Single Flush
	Operable Wall	
	Vision Panel	Х
	Special Hardware or Sea	
EMENTS	SECURITY	
35-40	Locks	
	Card Access	х
Yes		
40-45		
40-40		
		1

Consider a forward thinking workplace environment. Open environment or if enclosed, to be glass fronted and have enough room to maneouver a wheelchair. Sit-stand ergonomic furniture.





E4-7 **ADJUNCT OFFICES** OCCUPATIONAL THERAPY

UTILIZATION		PLUMBING		AV	
Hours of Operation		Sinks		Distance Learning	
8 hours/day		Standard		Video Conferencing	
14 hours/day	х	ADA		Projection Surface	
24 hours/day		Scullery		Flat screen Monitors	
		Other		Power at Table	х
				Data at Table	х
CLASSROOM OCCUPANY				Lectern or Other	
No. Of Occupants	1			Smartboard	
MECHANICAL		ELECTRICAL			
Temperature		Electrical Raceway		ARCHITECTURAL	
70°-75° ± 1°F		110V, 20A, 1 Phase	x	Walls/Partitions	
72°F ± 2°F	x	208V, 30A, 1 Phase		GWB, Paint	х
Other		208V, 30A, 3 Phase		GWB, Epoxy Paint	
Humidity		480V, 100A, 3 Phase		CMU, Paint	
50%- 25%± 5%	x	Emergency/ Standby Power		Other	
Uncontrolled		UPS (OFOI)		Wall Protection	
Other < 50%		Other		Corner Guards	
15 ACH (Min)				Crash Rails	
10 ACH (Min)		LIGHTING		Other	
6 ACH (Min)		Lighting Level		Flooring	
100% Make-up Air		80-100 fc at bench/desk (labs)		VCT/ Vinyl free tile	х
Recirculated Air	x	30-60 fc at bench/desk (offices	30	Sheet Vinyl	
Air Pressure Positive	~	Task Lighting	x	Concrete	
Air Pressure Negative		Darkenable or Dimmable	~	Resinous/ Epoxy	
Air Filtration at Supply or Exhaust		Special Lighting		Carpet	
Other		Natural Daylight Preferred or not	x	Other	
				Base	
CASEWORK/MILLWORK/ FURNI	TURE	EQUIPMENT		4" Rubber	х
Space Type		Refrigerator		Integral w/floor	
Private	x	Microwave		Ceiling	
Semi Private	~	Coffee Machine		Open	
Open		Dishwasher		Acoustic Tile	х
Guest Seating	Х	Printer/ Scanner		Gyp. Board	
Table w/ seating for 2-3	~	Plotter		Height	9'
Wall Cabinets or Shelves	<u> </u>	Copier			
Sofa/ Lounge chair		Computers	x	Doors	
Flexible Furniture		Other	~	Size	3'-0"x7'-0"
Lateral File Cabinets				Туре	Single Flush
2 drawer		ADJACENCY CRITERIA		Operable Wall	onigio i idoi
3 drawer	<u> </u>	Primary Adjacency		Vision Panel	Х
Vertical File Cabinets		Secondary Adjacency		Special Hardware or S	
2 drawer	х			oposial rial analosi o	
3 drawer	~	PERFORMANCE REQUIREMENTS		SECURITY	
Bookcases	х	NC Acoustical Criteria	35-40	Locks	
Conference Table	~	Acoustical Panels	00 10	Card Access	х
Markerboard	х	Privacy Criteria	Yes		
Tackboard	~	Testing Criteria			
		STC Rating	40-45		
REMARKS:					

E5-1 **RECEPTION/WAITING** SHARED APPLIED HEALTH

JTILIZATION	
Hours of Operation	
8 hours/day	
14 hours/day	
24 hours/day	

PLUMBING Sinks Standard ADA Scullery Other

CLASSROOM OCCUPANY No. Of Occupants

MECHANICAL Temperature . 70°-75° ± 1°F 72°F ± 2°F Other Humidity 50%- 25%± 5% Uncontrolled Other < 50% 15 ACH (Min) 10 ACH (Min) 6 ACH (Min) 100% Make-up Air Recirculated Air Air Pressure Positive Air Pressure Negative

Air Filtration at Supply or Exhaust

Other

CASEWORK/MILLWORK/ FURNITURE

Space Type Private Semi Private Open Guest Seating Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture Lateral File Cabinets 2 drawer

3 drawer Vertical File Cabinets 2 drawer

3 drawer Bookcases Conference Table Markerboard Tackboard

REMARKS:

ELECTRICAL Electrical Raceway 110V, 20A, 1 Phase 208V, 30A, 1 Phase 208V, 30A, 3 Phase 480V, 100A, 3 Phase Emergency/ Standby Power UPS (OFOI) Other LIGHTING Lighting Level

80-100 fc at bench/desk (la
30-60 fc at bench/desk (off
Task Lighting
Darkenable or Dimmable
Special Lighting
Natural Daylight Preferred or r

EQUIPMENT

Refrigerator Microwave Coffee Machine Dishwasher Printer/ Scanner Plotter Conier

Cohiei	
Computers	
Other	

ADJACENCY CRITERIA

Primary Adjacency Secondary Adjacency

PERFORMANCE REQUIREMENTS NC Acoustical Criteria

Acoustical Panels Privacy Criteria Testing Criteria STC Rating

Consider a forward thinking workplace environment. Open environment or if enclosed, to be glass fronted and have enough room to maneouver a wheelchair. Sit-stand ergonomic furniture.



abs) X Dean's Office Board Room 35-40

40-45

AV

Distance Learning Video Conferencing Projection Surface Flat screen Monitors Power at Table Data at Table Lectern or Other Smartboard	X
ARCHITECTURAL	
Walls/Partitions	
GWB, Paint	х
GWB, Epoxy Paint	
CMU, Paint	
Other	
Wall Protection	

х
х
Х
Х
s

х

Card Access

E5-2 MEDIUM MEETING ROOM SHARED APPLIED HEALTH

8 hoursiday x Standard Video Conferenciag x 8 hoursiday Standard 24 hoursiday Scullery Flat screen Monitons x ADA 24 hoursiday Scullery Projection Surface x ADA 24 hoursiday Scullery Other Data at Table x ADA CLASSROOM OCCUPANY 1 Electraic Account of the x Lectem or Other x ADA No. Of Occupants 15 Electraic Account of the x No. Of Occupants 1 Electraical Recovery No. Of Occupants 1 Tor.75' ± 1° F Tor.75' ± 1° F X00, 30, 3 Phase Walls/Partitions Tor.75' ± 1° F X00, 30, 30, 3 Phase CMU, Paint X 72'F ± 2' F X 200, 30, 30, 3 Phase CMU, Paint Y 200', 30, 30, 3 Phase CMU, Paint Y 200', 30, 30, 3 Phase CMU, Paint Y Y 200', 30, 30, 3 Phase CMU, Paint Y	UTILIZATION	PLUMBING	AV	UTILIZATION	PLUMBING
14 hoursday ADA Projectors Status It shoursday ADA Projectors Status It shoursday ADA Status ADA Status ADA Status Status ADA Status	Hours of Operation	Sinks	Distance Learning	Hours of Operation	Sinks
24 hoursday Soulley File speer Monitors X CLASSROOM OCCUPANY Other Data at Table X CLASSROOM OCCUPANY EleCTRICAL Data at Table X Dechanication 15 EleCTRICAL CLASSROOM OCCUPANY Temporature EleCTRICAL Samatboard X Temporature EleCTRICAL AcchitteCTURAL No. Of Cocoparitie Torporature EleCTRICAL AcchitteCTURAL Temporature Torporature EleCTRICAL Colley Temporature Torporature Colley And Factor Colley And Factor Temporature Torporature Colley And Factor Colley And Factor Temporature Torporature Colley And Factor Colley And Factor Colley And Factor Torporature Colley And Factor Colley And Factor Colley And Factor Torporature Colley And Factor Colley And Factor Colley And Factor Torporature Colley And Factor Colley And Factor Colley And Factor Torporature Colley And Factor Colley And Factor Colley And Factor Torporature Colley And Factor Colley And Factor Colley And Factor Torporature Colley And Factor Colley And Factor	8 hours/day x	Standard	Video Conferencing x	8 hours/day	Standard
Other Power at Table X CLASSROOM OCCUPANY Education Table X Sci Of Docupants 15 CLASSROOM OCCUPANY No. Of Occupants 1 MECMANCAL Electricical Smarthand CLASSROOM OCCUPANY No. Of Occupants 1 Torperature Electricical Smarthand MCCMANCAL Electricical Resonance No. Of Occupants 1 Torperature Electricical Resonance X Other X COMPARE Electricical Resonance 100/ 200/ 200/ 200/ 200/ 200/ 200/ 200/	14 hours/day	ADA	Projection Surface x	14 hours/day x	ADA
ClassRoom occupantis 15 No. of Occupantis 15 No. of Occupantis 1 No. of Occu	24 hours/day	Scullery	Flat screen Monitors x	24 hours/day	Scullery
CLASSBOOM OCCUPANY CLASSBOOM OCCUPANY No. Of Docupantia 15 MECHANICAL ELECTRICAL Tamperature Electrical Recowsy Tory-75° 11° 2089, 300, 1 Phase Ofter 2089, 300, 1 Phase Ofter 2089, 300, 1 Phase Ofter CRU TECRICAL Benchristical Strategies CRU TECRICAL Tory-75° 11° 2089, 300, 1 Phase Ofter CRU TECRICAL Strate Strate CRU TECRICAL Tory-75° 11° 2089, 300, 3 Phase Ofter CRU TECRICAL Strate Strate CRU TECRICAL Tory-75° 11° 2089, 300, 3 Phase Ofter CRU TECRICAL CRU Minhol CRU TECRICAL Other CRU TECRICAL CRU Minhol CRU TECRICAL Other CRU TECRICAL Stack Minhol CRU TECRICAL Other CRU TECRICAL CRU TECRICAL Electrical Recover Stack Minhol CRU TECRICAL Other CRU TECRICAL Track Lighting		Other	Power at Table x		Other
No. Cl Occupants 15 Mic CHANCAL Imperature 1707-75 ± 1°F Electrical Raceway 1707-75 ± 1°F No. Cl Occupants 1 Mic CHANCAL Imperature 1707-75 ± 1°F Electrical Raceway 1707-75 ± 1°F No. Cl Occupants 1 Mic CHANCAL Trapperature 1707-75 ± 1°F Electrical Raceway 1707-75 ± 1°F No. Cl Occupants 1 Mic CHANCAL Trapperature 1707-75 ± 1°F No. Cl Occupants 1 Mic CHANCAL Trapperature 1707-76 Mic C			Data at Table x	-	
MECHANICAL ELECTRICAL Temporature Electrical Resonance A 707-75' 11F 2001, 30, 1 Phase X 707-75' 12F 2001, 30, 1 Phase X 707-75' 12F 2001, 30, 1 Phase X 707-75' 12F 2001, 30, 3 Phase X 707-75' 12F 2001, 30, 3 Phase X 707-75' 12F 2001, 30, 3 Phase X 707-75' 12F 2001, 30, 1 Phase X 70010 Common Cuards X 7002 Common Cuards X 7002 Common Cuards X 7005 Net Vinin X 7006 X None Net Net Net Net Net Net Net Net Net Ne	CLASSROOM OCCUPANY		Lectern or Other x	CLASSROOM OCCUPANY	
Temperature Electrical Raceway ARCHITECTURAL Temperature Electrical Raceway 72-75 1F 100, 200, 1Phase Xalls/Partitions 70-75 1F 2080, 300, 1Phase 100, 200, 300, 1Phase 2080, 300, 1Phase 2080	No. Of Occupants 15		Smartboard	No. Of Occupants 1	_
107-75* 11 [°] 1100, 200, 1 Phase x Weils/Paritions 107-75* 11 [°] 1100, 200, 30, 30, 30, 30, 30, 30, 30, 30, 30,	MECHANICAL	ELECTRICAL		MECHANICAL	ELECTRICAL
72 F 2 :F x 208V : 30.1 Phase GWB, Paint x 72 F 2 :F x 208V : 30.1 Phase Humidity 480V, 100A, 3 Phase GWB, Point x GWB, Point 208V : 30.1 Phase 50% - 25% is 5% x Emergency Standby Power GWB, Point CMU. Paint Differ < 50%	Temperature	Electrical Raceway	ARCHITECTURAL	Temperature	Electrical Rac
Other 208/, 30A, 3 Phase GWB, Epoxy Pain Other 208/, 26A, 3 100% 4800, 10A, 3 Phase GWD, Paint Other 208/, 26A, 3 50%-25% 5% x Emergency Standby Power Other 30%, 25%, 5%, x Emergency Standby Power Uncontrolled UPS (OFOI) Other Standby Power Other Standby Power 10 ACH (Mn) Uetring twei Task Lighting Other Standby Power Other Standby Power 100% Make-up Air 80-100 fact bench/disks (labs) Task Lighting Concrete Standby Power	70°-75° ± 1°F	110V, 20A, 1 Phase x	Walls/Partitions	70°-75° ± 1°F	110V, 20A, 1
Humidity 480V, 100A, 3 Phase CMU, Paint Humidity 480V, 100A, 3 Phase Softer, 25%, 5% Emergency Standby Power Other 50%-25%, 5%, X Emergency Standby Power UPS, 0FOD) Other Constraine 50%-25%, 5%, X Umcontrolled UPS, 0FOD) UPS, 0FOD) Other Const Rails Const Rails 0ther < 50%, 25%, 5%, X	72°F ± 2°F x	208V, 30A, 1 Phase	GWB, Paint x	72°F ± 2°F x	208V, 30A, 1
50%-25%+5% x Emergency/S Manday Power Other 50%-25%+5% x Emergency/S 0 Montres 50% Other Corner Glavids UPS (0FOI) Other 0 10 ACH (Min) UBHTNC Corner Glavids Other 15 ACH (Min) UBS (0FOI) 10 ACH (Min) UBHTNC Other 0 0 0 10 ACH (Min) UBHTNC Other 0 0 0 10 ACH (Min) UBHTNC 0 0 0 0 10 ACH (Min) UBHTNC 0 0 0 0 Readradiated Air x 30-60 to at bench/desk (labis) 0 0 0 10 ACH (Min) Bo-100 to at bench/desk (labis) 0 0 0 0 10 Ar Pressure Positive Task Lighting Correcte Native Positive 0 0 14 Pressure Positive Task Lighting Correcte Air Pressure Positive 0 0 0 10 Ar Pressure Positive Natural Daylight Preferred or not X 0 0 0 0 0 0 0 10 Are Pressure Positive Special Lighting Correcte X 0 0 0 0 0 0 0	Other	208V, 30A, 3 Phase	GWB, Epoxy Paint	Other	208V, 30A, 3
Uncontrolled UPS (OFO) Wall Protection Uncontrolled UPS (OFO) Other Other Craner Guards Other 15 ACH (Min) Lighting Lavel Task Lighting UB (Office) 6 ACH (Min) Lighting Lavel Task Lighting Balance 10 XM Max-up Air X 30-40 for at bench/desk (labs) VCT/ Viny fine tile X 7 Recirculated Air X 30-40 for at bench/desk (labs) VCT/ Viny fine tile X 8 Are Pressure Positive Task Lighting X Carpet Bale 010: Air Pressure Positive Task Lighting Carpet Revincus Epoxy Air Pressure Positive Datamabic Air Filtration at Supply or Exhaust Datamabic X Carpet Special Lighting Special Lighting Other Natural Daylight Preferred or not X Carpet Special Lighting Special Lighting Other Carpet Carpet Carpet Special Lighting Special Lighting Special Lighting Other Natural Daylight Preferred or not X Carpet Special Lighting Special Lighting Other Carpet Microwave X Celling Special Lighting Special Lighting Space Type Microwave<	Humidity	480V, 100A, 3 Phase	CMU, Paint	Humidity	480V, 100A, 3
Other SO/K Other Other Other SO/K Other SO/K Other SO/K Other SO/K Other SO/K Other SO/K	50%- 25%± 5% x	Emergency/ Standby Power	Other	50%-25%±5% x	Emergency/ S
15 ACH (Min) LightIng Crash Rails 15 ACH (Min) LightIng Level 00% Make-up Air Bo 100 fc at bench/desk (labs) VCT / Vinyl free tile X 00% Make-up Air 80-100 fc at bench/desk (labs) 00% Make-up Air X 30-60 fc at bench/desk (labs) VCT / Vinyl free tile X 100% Make-up Air X 30-60 fc at bench/desk (labs) VCT / Vinyl free tile X Sheet Vinyl Concrete Air Pressure Positive Air Pressure Positive Air Pressure Positive Air Pressure Positive Task Lighting Concrete Air Pressure Positive Task Lighting Special Lighting Concrete Air Pressure Positive Task Lighting Special Lighti	Uncontrolled	UPS (OFOI)	Wall Protection	Uncontrolled	UPS (OFOI)
10 ACH (Mn) LightIng Level Other 10 ACH (Mn) Lighting Level 6 ACH (Mn) Lighting Level Bol 100 fc at bench/desk (labs) VCT / Vinyl free tile x 30-60 fc at bench/desk (lobs) Lighting Level Netrorrelated Air x 30-60 fc at bench/desk (lobs) Sheet Vinyl Concrete Bol 100 fc Lighting Level Air Pressure Positive Task Lighting Concrete Sheet Vinyl Task Lighting Task Lighting Air Pressure Positive Task Lighting Concrete Sheet Vinyl Air Pressure Positive Task Lighting Air Pressure Positive Task Lighting Concrete Air Pressure Positive Task Lighting Air Pressure Positive Natural Daylight Preferred or not x Resinous/Eposy Air Pressure Positive Air Pressure Positive Air Pressure Positive Air Pressure Positive Task Lighting Other Natural Daylight Preferred or not x Refigerator Air Pressure Positive Air P	Other < 50%	Other	Corner Guards	Other < 50%	Other
6 ACH (Man)^ Lighting Level Flooring 6 ACH (Man)^ Lighting Level 100% Make-up Air 30-00 fc at bench/desk (difes) VCT / Vinyl fee tile X 100% Make-up Air 80-100 fc 100% Make-up Air X 30-00 fc at bench/desk (difes) X Sheet Vinyl Recirculated Air X 30-00 fc at bench/desk (diffee) X 80-100 fc <	15 ACH (Min)		Crash Rails	15 ACH (Min)	_
100% Make-up Air 80-100 fs at bench/desk (lifbe) VCT Viny free tile x 100% Make-up Air 30-60 fs at bench/desk (lifbe) x 80-100 fs. Air Pressure Positive Task Lighting Concrete Arcrubated Air x 30-60 fs. Air Pressure Positive Task Lighting Concrete Air Pressure Positive Air Pressure Positive Datenable or Dimmable X Air Pressure Negative Darkenable or Dimmable X Concrete Air Pressure Positive Darkenable or Dimmable Air Firston Special Lighting Concrete Carpet Air Pressure Positive Darkenable or Dimmable CASEWORK/MILLWORK/ FURNITURE Redirigerator X Other Darkenable or Dimmable X Space Type Redirigerator X Other Space Type Redirigerator Space Type Redirigerator X Open Semi Private Colfee Machin Space Type Redirigerator X Open Dishwasher Colfee Machin Space Type Printer/ Scanner Gyp. Board X Open Dishwasher Solar Lounge chair Computers Opors Size 3'0'X''.0'' Flexible Furniture X Poterer Stafu Lounge chair Computers	10 ACH (Min)	LIGHTING	Other	10 ACH (Min)	LIGHTING
100% Make-up Air 80-100 fs at bench/desk (libbs) VCTV lmyl free tile x 100% Make-up Air 30-60 fs at bench/desk (libcs) VCTV lmyl free tile x 30-60 fs at bench/desk (libcs) X X X 30-60 fs at bench/desk (libcs) X	6 ACH (Min)	Lighting Level	Flooring	6 ACH (Min)	Lighting Leve
Recirculated Air X 30-60 fc at benchdesk (officer X Sheel Vinyl Recirculated Air X 30-60 fc at Air Pressure Positive Air Pressure Positive Task Lighting Concrete Air Pressure Positive Darkenable or Dimmable X Concrete Air Pressure Positive Air Pressure Positive Air Pressure Positive Darkenable or Dimmable X Special Lighting Carpet Air Fittration at Supply or Exhaust Special Lighting Darkenable or Dimmable X Special Lighting Carpet Air Pressure Negative	100% Make-up Air	80-100 fc at bench/desk (labs)		100% Make-up Air	80-100 fc :
Air Pressure Positive Task Lighting Concrete Air Pressure Positive Task Lighting Air Pressure Negative Darkenable or Dimmable X Carpet Air Filtration at Supply or Exhaust Darkenable or Dimmable X Air Pressure Negative Darkenable or Dimmable X Carpet Air Filtration at Supply or Exhaust Special Lighting Other Darkenable or Dimmable X Carpet Air Filtration at Supply or Exhaust Special Lighting Other Darkenable or Dimmable X Other Diff Air Filtration at Supply or Exhaust Special Lighting Spece Type Refrigerator X Integral Wiffor Califing Califice Machine Semi Private X Coffee Machine X Open Distrwasher Colifiee Machine Open Distrwasher Acoustic Tile X Open Distrwasher Colifiee Machine Table wiseting for 2-3 Printerl' Scanner Gy, Board X Open Distrwasher Sofal Lounge chair Computers Doors Sofal Lounge chair Copier Copier Sofal Lounge chair Computers	· · · · · · · · · · · · · · · · · · ·				30-60 fc at
Air Pressure Negative Darkenable or Dimmable x Resinous/ Epoxy Air Pressure Negative Darkenable or Dimmable Darkenable or Dimmable Air Pressure Negative Darkenable or Dimmable Darkenable or Dimmable Darkenable or Dimmable Air Pressure Negative Darkenable or Dimmable Darkenable or Dimmable <thdarkenable dimmable<="" or="" th=""></thdarkenable>	Air Pressure Positive	· · · · · · · · · · · · · · · · · · ·			Task Lighting
Air Filtration at Šupply or Exhaust Special Lighting Carpet Air Filtration at Šupply or Exhaust Special Lighting Other Natural Daylight Preferred or not X Other Other Natural Daylight CASEWORK/MILLWORK/ FURNITURE EQUIPMENT Air Filtration at Šupply or Exhaust Special Lighting Natural Daylight Space Type Refrigerator X Air Filtration at Šupply or Exhaust Special Lighting Space Type Microwave X Clear CaseWORK/MILLWORK/ FURNITURE EQUIPMENT Space Type Microwave X Ceiling Space Type Microwave Microwave Space Type Microwave X Open Space Type Microwave Microwave Statistication of 2-3 Printer/ Scanner Gyp. Board X Guest Seating Printer/ Scanner Prioter Statu Scaning Printer/ Scanner Gyp. Board X Guest Seating Printer/ Scanner Copier Vali Cabinets Copier Size 3·O'X7-0' Flexible Furniture X Open 2 drawer ADJACENCY CRITERIA Operable Walil Operable Wa		5 5		Air Pressure Negative	_
Other Natural Daylight Preferred or not x Other Natural Daylight CASEWORK/MILLWORK/FURNITURE EQUIPMENT Base CASEWORK/MILLWORK/FURNITURE EQUIPMENT Space Type Refrigerator x Cher Natural Daylight Private Microwave x Ceiling Private Space Type Semi Private X Coffee Machine X Open Private Microwave Open Dishwasher Acocustic Tile X Open Dishwasher Guest Seating Printer/ Scanner Gyp. Board X Guest Seating Printer/ Scanner Table wiseating for 2-3 Plotter Height Table wiseating for 2-3 X Plotter Wall Cabinets or Shelves Copier Size 3-0"x7-0" Table wiseating for 2-3 X Plotter Vall Cabinets or Shelves Copier Size 3-0"x7-0" Flexible Furniture X Other 2 drawer ADJACENCY CRITERIA Operable Wall Operable Wall 2 drawer Advarer Primary Adjacency Secondary Adjacency Secondary Adjacency Secondary Adjacency 2 drawer 3 drawer Acoustical Criteria 30-35 Corks Conference Table Acoustical Criteria					
Base GaseWork/Furniture EQUIPMENT A "ubber X CASEWORK/MILLWORK/FURNITURE EQUIPMENT Space Type Refrigerator X Integral wiftoor Space Type Refrigerator Microwave Refrigerator Refrigerator Refrigerator Microwave Coffee Machin Coffee Machin Coffee Machin Coffee Machin Refrigerator Dishwasher Coffee Machin Coffee Machin Scopera Dishwasher Dishwasher Coffee Machin Scope	Other				
Space Type Refrigerator x Integral w/floor Space Type Refrigerator Refrigerator Private Microwave x Celling Private Microwave		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Base	- · · · · · · · · · · · · · · · · · · ·	
Private Microwave x Ceiling Private Private Microwave Semi Private x Coffee Machine x Open Semi Private x Coffee Machine Open Dishwasher Gyp. Board x Open Dishwasher Dishwasher Open Dishwasher Semi Private x Coffee Machine Guest Seating Printer/ Scanner Gyp. Board x Guest Seating Printer/ Scanner Status Scoper Goper Bishwasher Copier Dishwasher Copier Sofa/ Lounge chair Computers Doors Sofa/ Lounge chair Computers Computers Stateral File Cabinets Computers Doors Size 3'-0"7'-0" Flexible Furniture X Other 2 drawer ADJACENCY CRITERIA Operable Wall Destates Corper Operable Wall 2 drawer ADJACENCY 3 drawer Primary Adjacency Faculty Offices Vision Panel 3 drawer 2 drawer Pirmary Adjacency 2 drawer Secondary Adjacency Secult Addreser Seals Vertical File Cabinets Secondary Adjacency Secondary Adjacency Secondary Adjacency Secondary Adjacency Secondary Adjacency Adawer	CASEWORK/MILLWORK/ FURNITURE	EQUIPMENT	4" Rubber x	CASEWORK/MILLWORK/ FURNITURE	EQUIPMENT
Semi Private x Coffee Machine x Open Semi Private x Coffee Machine x Coffee Machine Open Dishwasher Acoustic Tile x Open Dishwasher Dishwasher Dishwasher Dishwasher Open Dishwasher Dishwasher Dishwasher Dishwasher Open Dishwasher Dishwasher Dishwasher Open Dishwasher Dishwasher Dishwasher Dishwasher Dishwasher Consternation Dishwasher Consternation Dishwasher Dishwasher <t< td=""><td>Space Type</td><td>Refrigerator x</td><td>Integral w/floor</td><td>Space Type</td><td>Refrigerator</td></t<>	Space Type	Refrigerator x	Integral w/floor	Space Type	Refrigerator
Open Dishwasher Acoustic Tile x Open Dishwasher Guest Seating Printer/ Scanner Gyp. Board x Guest Seating Printer/ Scanner Table w/ seating for 2-3 Plotter Height Table w/ seating for 2-3 X Plotter Wall Cabinets or Shelves Copier Wall Cabinets or Shelves Copier Copier Copier Computers Copier Computers Copier Computers Computers Computers Computers Computers Coperal Computers Comparel Acoust	Private	Microwave x	Ceiling	Private	Microwave
Guest Seating Printer/ Scanner Gyp. Board x Guest Seating Printer/ Scanner Table w/ seating for 2-3 Plotter Height Table w/ seating for 2-3 x Plotter Wall Cabinets or Shelves Copier Doors Sofa/ Lounge chair Copier Copier Copier Copier Staf Lounge chair Computers Doors Size 3'-0"x7'-0" Flexible Furniture x Other 2 drawer ADJACENCY CRITERIA Operable Wall Deors Size 3'-0"x7'-0" Flexible Furniture x Other 2 drawer Primary Adjacency Faculty Offices Operable Wall 2 drawer ADJACENCY CRITERIA Operable Wall 2 drawer ADJACENCY Gritteria ADJACENCY Gritteria ADJACENCY CRITERIA Operable Wall 2 drawer Primary Adjacency Secondary Adjacen	Semi Private x	Coffee Machine x	Open	Semi Private x	Coffee Machi
Table w/ seating for 2-3 Plotter Height Table w/ seating for 2-3 x Plotter Wall Cabinets or Shelves Copier Doors Sofa/ Lounge chair Computers Computers Sofa/ Lounge chair x Other Size 3'-0"x7'-0" Flexible Funiture x Other Lateral File Cabinets Z drawer ADJACENCY CRITERIA Operable Wall 2 drawer ADJACENCY ADJACENCY 2 drawer Primary Adjacency Faculty Offices Vision Panel 3 drawer 2 drawer ADJACENCY 2 drawer Secondary Adjacency Faculty Offices Vision Panel 3 drawer 2 drawer Secondary Adjacency Secondary Adjacency Secondary Adjacency Secondary Adjacency Secondary Adjacency PerFORMANCE REQUIREMENTS Secondary Adjacency Secondary Adjacency 2 drawer	Open	Dishwasher	Acoustic Tile x	Open	Dishwasher
Wall Cabinets or Shelves Copier Wall Cabinets or Shelves Copier Copier Sofa/ Lounge chair Computers Doors Sofa/ Lounge chair Computers Computers Flexible Furniture X Other Doors Sofa/ Lounge chair Computers Computers 2 drawer ADJACENCY CRITERIA Operable Wall 2 drawer ADJACENCY ADJACENCY 3 drawer Primary Adjacency Faculty Offices Vision Panel 3 drawer Primary Adjacency Special Hardware or Seals Vertical File Cabinets Secondary Adjacency 2 drawer Special Hardware or Seals Vertical File Cabinets Secondary Adjacency Special Hardware or Seals Vertical File Cabinets Secondary Adjacency 2 drawer Special Hardware or Seals Vertical File Cabinets Secondary Adjacency Secondary Adjacency PersformAnce 2 drawer Special Hardware or Seals Vertical File Cabinets Secondary Adjacency Second	Guest Seating	Printer/ Scanner	Gyp. Board x	Guest Seating	Printer/ Scan
Wall Cabinets or Shelves Copier Wall Cabinets or Shelves Copier Copier Copier Copier Copier Copier Copier Copier Copier Computers	Table w/ seating for 2-3	Plotter	Height	Table w/ seating for 2-3 x	Plotter
Sofa/ Lounge chair Computers Doors Sofa/ Lounge chair Computers Computers Flexible Furniture x Other Size 3'-0"x7'-0" Flexible Furniture x Other Lateral File Cabinets	Wall Cabinets or Shelves	Copier		8	
Flexible Furniture x Other Size 3'-0"x7'-0" Flexible Furniture x Other Lateral File Cabinets ADJACENCY CRITERIA Diperable Wall 2 drawer ADJACENCY ADJAC	Sofa/ Lounge chair		Doors	Sofa/ Lounge chair	
Lateral File Cabinets ADJACENCY CRITERIA Type Single Flush Lateral File Cabinets 3 drawer Primary Adjacency Faculty Offices Operable Wall 2 drawer ADJACENCY Vertical File Cabinets Secondary Adjacency Faculty Offices Special Hardware or Seals Vertical File Cabinets Secondary Adjacency 2 drawer PERFORMANCE REQUIREMENTS SECURITY 3 drawer PERFORMANCE Criteria Secondary Adjacency 3 drawer NC Acoustical Criteria 30-35 Locks Bookcases Markerboard NC Acoustical Panels NC Acoustical Panels NC Acoustical Panels Acoustical Panels NC Acoustical Panel					
2 drawer ADJACENCY CRITERIA Operable Wall 2 drawer ADJACENCY 3 drawer Primary Adjacency Faculty Offices Vision Panel 3 drawer Primary Adjacency Vertical File Cabinets Secondary Adjacency Special Hardware or Seals Vertical File Cabinets Secondary Adjacency 2 drawer 3 drawer PERFORMANCE REQUIREMENTS SECURITY 3 drawer PERFORMAN 3 drawer NC Acoustical Criteria 30-35 Locks Bookcases NC Acoustical Panels NC Acoustical Criteria Conference Table x Acoustical Panels x Card Access x Conference Table Acoustical Panels X Markerboard x Privacy Criteria Markerboard X Privacy Criteria Acoustical Panel Acoustical Panel Acoustical Panel Tackboard x Privacy Criteria Markerboard X Privacy Criteria Acoustical Panel Acoustical Panel STC Rating STC Rating STC Rating STC Rating STC Rating STC Rating		· · · · · · · · · · · · · · · · · · ·			_
3 drawer Primary Adjacency Faculty Offices Vision Panel 3 drawer Primary Adjace Primary Adjace Vertical File Cabinets Secondary Adjacency Special Hardware or Seals Vertical File Cabinets Secondary Adjacency 2 drawer 3 drawer 2 drawer 2 drawer 2 drawer 2 drawer 9 3 drawer PERFORMANCE REQUIREMENTS SECURITY 3 drawer PERFORMAN PERFORMAN Bookcases NC Acoustical Criteria 30-35 Locks Bookcases NC Acoustical Criteria NC Acoustical Panels X Markerboard X Privacy Criteria Card Access X Conference Table Acoustical Panels X Privacy Criteria Acoustical Panels X Privacy Criteria Acoustical Testing Criteria STC Rating		ADJACENCY CRITERIA			ADJACENCY
Vertical File Cabinets Secondary Adjacency Special Hardware or Seals Vertical File Cabinets Secondary Adjacency 2 drawer 3 drawer 2 drawer 2 drawer 3 drawer PERFORMANCE REQUIREMENTS SECURITY 3 drawer PERFORMANCE REQUIREMENTS SECURITY 3 drawer PERFORMANCE REQUIREMENTS NC Acoustical Criteria 30-35 Locks Bookcases NC Acoustical Criteria NC Acoustical Criteria NC Acoustical Panels X Card Access X Conference Table Acoustical Panels X Privacy Criteria Acoustical Panels X Privacy Criteria Acoustical Panels X Privacy Criteria Testing Criteria Testing Criteria Testing Criteria Testing Criteria Testing Criteria Testing Criteria STC Rating STC Rating STC Rating			· · · · · · · · · · · · · · · · · · ·		
2 drawer 2 drawer 3 drawer PERFORMANCE REQUIREMENTS Bookcases NC Acoustical Criteria Conference Table x Acoustical Panels x Markerboard x Tackboard Testing Criteria STC Rating STC Rating		· · · · · · · · · · · · · · · · · · ·			
3 drawer PERFORMANCE REQUIREMENTS SECURITY 3 drawer PERFORMAN Bookcases NC Acoustical Criteria 30-35 Locks Bookcases NC Acoustical Conference Table x Acoustical Panels x Card Access x Conference Table Acoustical Panels Markerboard x Privacy Criteria					eccondury / k
Bookcases NC Acoustical Criteria 30-35 Locks Bookcases NC Acoustical NC Acoustical Privacy Card Access x Conference Table Acoustical Panels Acoustical Panels x Card Access x Conference Table Acoustical Panels X Privacy Criteria Acoustical Panels x Privacy Criteria Acoustical Panels x Privacy Criteria X Y Y <t< td=""><td></td><td>PERFORMANCE REQUIREMENTS</td><td>SECURITY</td><td></td><td>PERFORMAN</td></t<>		PERFORMANCE REQUIREMENTS	SECURITY		PERFORMAN
x Acoustical Panels x Card Access x Conference Table Acoustical Panels Markerboard x Privacy Criteria Markerboard x Privacy Criteria Tackboard Testing Criteria Testing Criteria Testing Criteria Testing Criteria STC Rating STC Rating STC Rating STC Rating STC Rating					
x Privacy Criteria Markerboard x Privacy Criter Tackboard Testing Criteria Testing Criteria Testing Criteria STC Rating STC Rating STC Rating					
Tackboard Testing Criteria Tackboard Testing Criteri STC Rating STC Rating STC Rating					
STC Rating STC Rating					
	DEMARKS.			DEMARKO.	SICRating

TRICAL , 20A, 1 Phase , 30A, 1 Phase , 30A, 3 Phase , 100A, 3 Phase gency/ Standby Power (OFOI)

Lighting Level
80-100 fc at bench/desk (la
30-60 fc at bench/desk (off
Task Lighting
Darkenable or Dimmable
Special Lighting
Natural Daylight Preferred or r

Reingerator	
Microwave	
Coffee Machine	
Dishwasher	
Printer/ Scanner	
Plotter	
Copier	
Computers	

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NC	Acous	stical	Crit	teria		

NC Acoustical Crite	r
Acoustical Panels	

Privacy Criteria
Testing Criteria

Prepared for Southern Illinois University Edwardsville by HOK

E5-3 HOTELING/TOUCHDOWN SPACES SHARED APPLIED HEALTH

	AV	
	Distance Learning	
	Video Conferencing	
	Projection Surface	
	Flat screen Monitors	
	Power at Table	х
	Data at Table	х
	Lectern or Other	
	Smartboard	
	ARCHITECTURAL	
x	Walls/Partitions	
	GWB, Paint	х
	GWB, Epoxy Paint	
	CMU, Paint	
wer	Other	
	Wall Protection	
	Corner Guards	
	Crash Rails	
	Other	
	Flooring	
esk (labs)	VCT/ Vinyl free tile	х
sk (office: x	Sheet Vinyl	
	Concrete	
e	Resinous/ Epoxy	
	Carpet	
ed or not x	Other	
	Base	
	4" Rubber	х
	Integral w/floor	
	Ceiling	
	Open	
	Acoustic Tile	x
	Gyp. Board	
	Height	9'
	. ioigin	
Х	Doors	
	Size	
	Туре	
A Contraction of the second seco	Operable Wall	
Staff/ Faculty Offices	Vision Panel	
Meeting Rooms	Special Hardware or Sea	als
	,	
IIREMENTS	SECURITY	
35-40	Locks	
	Card Access	x
40-45		



E5-4 **COPY/MAIL AREA** SHARED APPLIED HEALTH

UTILIZATION	PLUMBING	AV
Hours of Operation	Sinks	Distance Learning
8 hours/day	Standard	Video Conferencing
14 hours/day x	ADA	Projection Surface
24 hours/day	Scullery	Flat screen Monitors
	Other	Power at Table x
		Data at Table x
CLASSROOM OCCUPANY		Lectern or Other
No. Of Occupants		Smartboard
MECHANICAL	ELECTRICAL	
Temperature	Electrical Raceway	ARCHITECTURAL
$70^{\circ}-75^{\circ} \pm 1^{\circ}F$	110V, 20A, 1 Phase x	Walls/Partitions
$70^{\circ}73^{\circ} \pm 17^{\circ}$ $72^{\circ}F \pm 2^{\circ}F$ x	208V, 30A, 1 Phase	
Other	208V, 30A, 3 Phase	GWB, Paint <u>x</u> GWB, Epoxy Paint
Humidity	480V, 100A, 3 Phase	CMU, Paint
	Emergency/ Standby Power	Other
50%- 25%± 5% <u>x</u> Uncontrolled	• • • •	Wall Protection
Other < 50%	UPS (OFOI) Other	Corner Guards
15 ACH (Min)		Crash Rails
	LIGHTING	Other
10 ACH (Min)	Lighting Level	Flooring
6 ACH (Min)	0 0	5
100% Make-up Air	80-100 fc at bench/desk (labs)	VCT/ Vinyl free tile x
Recirculated Air x	30-60 fc at bench/desk (offices x	Sheet Vinyl
Air Pressure Positive	Task Lighting	Concrete
Air Pressure Negative	Darkenable or Dimmable x	Resinous/ Epoxy
Air Filtration at Supply or Exhaust	Special Lighting	Carpet Other
Other	Natural Daylight Preferred or not x	
CASEWORK/MILLWORK/ FURNITURE	EQUIPMENT	Base 4" Rubber x
Space Type	Refrigerator	4" Rubber <u>x</u> Integral w/floor
Private	Microwave	Ceiling
	Coffee Machine	Open
Semi Private x Open	Dishwasher	· · · · · · · · · · · · · · · · · · ·
Guest Seating		Acoustic Tile <u>x</u> Gyp. Board
Table w/ seating for 2-3	Plotter x	Height
Wall Cabinets or Shelves x	Copier x Computers x	Doors
Sofa/ Lounge chair Flexible Furniture	Computers x Other	Size
	Other	
Lateral File Cabinets 2 drawer	ADJACENCY CRITERIA	
3 drawer		Operable Wall Vision Panel
Vertical File Cabinets	Primary Adjacency	
	Secondary Adjacency	Special Hardware or Seals
2 drawer	PERFORMANCE REQUIREMENTS	SECURITY
3 drawer x		
Bookcases	NC Acoustical Criteria 35-40	Locks
Conference Table	Acoustical Panels	Card Access x
Markerboard x	Privacy Criteria	
Tackboard	Testing Criteria	
	STC Rating 40-45	
REMARKS:		

E5-5 **STORAGE AREA** SHARED APPLIED HEALTH

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UTILIZATION	
Hours of Operation	
8 hours/day	
14 hours/day	
24 hours/day	

PLUMBING Sinks Standard ADA Scullery Other

CLASSROOM OCCUPANY No. Of Occupants

MECHANICAL Temperature . 68°-75° ± 2°F 72°F ± 2°F Other Humidity 50%- 25%± 5% Uncontrolled Other < 50% 15 ACH (Min) 10 ACH (Min) 6 ACH (Min) 100% Make-up Air Recirculated Air Air Pressure Positive Air Pressure Negative

Air Filtration at Supply or Exhaust Other

CASEWORK/MILLWORK/ FURNITURE Space Type

Private Semi Private Open Guest Seating Table w/ seating for 2-3 Wall Cabinets or Shelves Sofa/ Lounge chair Flexible Furniture

Lateral File Cabinets 2 drawer 3 drawer

Vertical File Cabinets 2 drawer

3 drawer Bookcases Conference Table Markerboard Tackboard

REMARKS:

ELECTRICAL

Electrical Raceway 110V, 20A, 1 Phase 208V, 30A, 1 Phase 208V, 30A, 3 Phase 480V, 100A, 3 Phase Emergency/ Standby Power UPS (OFOI) Other

LIGHTING

Lighting Level 80-100 fc at bench/desk (labs) 30-60 fc at bench/desk (offices) Task Lighting Darkenable or Dimmable Special Lighting Natural Daylight Preferred or not

EQUIPMENT

Refrigerator Microwave Coffee Machine Dishwasher Printer/ Scanner Plotter Copier Computers Other

ADJACENCY CRITERIA

Primary Adjacency Secondary Adjacency

PERFORMANCE REQUIREMENTS

NC Acoustical Criteria Acoustical Panels Privacy Criteria Testing Criteria Other Criteria

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	AV Distance Learning Video Conferencing Projection Surface Flat screen Monitors Power at Table Data at Table Lectern or Other Smartboard	
	ARCHITECTURAL	
	Walls/Partitions GWB, Paint GWB, Epoxy Paint Other Wall Protection Corner Guards	X
	Crash Rails Other	
os) 	Flooring Resilient/ Vinyl free tile Resilient Sheet Concrete Rubber Carpet Other	X
ot	Base 4" Rubber Integral w/floor	x
	Ceiling Open Acoustic Tile Gyp. Board Height	
Large Classroom Medium Classroom	Doors Size Type Operable Wall Vision Panel Special Hardware or Sea	als
ENTS	SECURITY	
	Locks Card Access	X





F - BUILDING SUPPORT & LOGISTICS



F-1 LOADING DOCK BUILDING SUPPORT & LOGISTICS

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UTILIZATION	PLUMBING	AV	UTILIZATION	PLUMBING
Hours of Operation	Sinks	Distance Learning	Hours of Operation	Sinks
8 hours/day	Standard	Video Conferencing	8 hours/day x	Standard
14 hours/day	ADA	Projection Surface	14 hours/day	ADA
24 hours/day x	Scullery	Flat screen Monitors	24 hours/day	Scullery
	Other	Power at Table		Other
		Data at Table		
SPACE OCCUPANY		Lectern or Other	SPACE OCCUPANY	
No. Of Occupants		Smartboard	No. Of Occupants	
MECHANICAL	ELECTRICAL		MECHANICAL	ELECTRICAL
Temperature	Electrical Raceway	ARCHITECTURAL	Temperature	Electrical Raceway
$70^{\circ}-75^{\circ} \pm 1^{\circ}F$		Walls/Partitions	70°-75° ± 1°F	110V, 20A, 1 Phase
70°-75°±1°F 72°F±2°F	110V, 20A, 1 Phase <u>x</u> 208V, 30A, 1 Phase	GWB, Paint	70°F ± 2°F x	208V, 30A, 1 Phase
Other	208V, 30A, 3 Phase	GWB, Epoxy Paint	Other	208V, 30A, 3 Phase
Humidity	480V, 100A, 3 Phase	Other CMU	Humidity	400) (400A 0 Dh
50%- 25%± 5%				
	Emergency/ Standby Power	Wall Protection		Emergency/ Standby Power
Uncontrolled x	UPS (OFOI)	Corner Guards		UPS (OFOI)
Other < 50%	Other	Crash Rails x	Other < 50%	Other
15 ACH (Min)		Other	15 ACH (Min)	
10 ACH (Min)	LIGHTING	Flooring	10 ACH (Min)	LIGHTING
6 ACH (Min)	Lighting Level	VCT/ Vinyl free tile	6 ACH (Min)	Lighting Level
100% Make-up Air	80-100 fc at bench/desk (labs)	Sheet Vinyl	100% Make-up Air	80-100 fc at bench/desk (labs)
Recirculated Air	30-60 fc at bench/desk (offices)	Concrete x	Recirculated Air	30-60 fc at bench/desk (offices
Air Pressure Positive	Task Lighting	Resinous/ Epoxy	Air Pressure Positive	Task Lighting
Air Pressure Negative	Darkenable or Dimmable	Carpet	Air Pressure Negative	Darkenable or Dimmable
Air Filtration at Supply or Exhaust	Special Lighting	Other	Air Filtration at Supply or Exhaust	Special Lighting
Other	Natural Daylight Preferred or not x	Base	Other	Natural Daylight Preferred or not
		4" Rubber		
CASEWORK/MILLWORK/ FURNITURE	EQUIPMENT	Integral w/floor	CASEWORK/MILLWORK/ FURNITURE	EQUIPMENT
Space Type	Refrigerator	Ceiling	Space Type	Refrigerator
Private	Microwave	Open x	Private	Microwave
Semi Private	Coffee Machine	Acoustic Tile	Semi Private x	Coffee Machine
Open	Dishwasher	Gyp. Board	Open	Dishwasher
Public Service	Printer/ Scanner	Height	Public	Printer/ Scanner
Tables w/ seating	Plotter		Tables w/ seating	Plotter
Wall Cabinets or Shelves	Copier	Doors	Wall Cabinets or Shelves	Copier
Sofa/ Lounge chairs	Computers	Size	Sofa/ Lounge chairs	Computers
Flexible furniture	Other	Type Overhead	Flexible furniture	Other
Other		Operable Wall	Other	
	ADJACENCY CRITERIA	Vision Panel		ADJACENCY CRITERIA
	Primary Adjacency Receiving Office	Special Hardware or Seals		Primary Adjacency
	Secondary Adjacency Stock/ Stores			Secondary Adjacency Stoc
FUNCTIONAL CRITERIA	PERFORMANCE REQUIREMENTS	SECURITY	FUNCTIONAL CRITERIA	PERFORMANCE REQUIREMENTS
	NC Acoustical Criteria	Locks		NC Acoustical Criteria
	Acoustical Panels	Card Access x		Acoustical Panels
	Privacy Criteria			Privacy Criteria
	Other Criteria			Other Criteria
REMARKS:			REMARKS:	

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_	AV Distance Learning Video Conferencing	
	Projection Surface Flat screen Monitors Power at Table	
	Data at Table Lectern or Other Smartboard	
_	Smartboard	
	ARCHITECTURAL	
X	Walls/Partitions GWB, Paint GWB, Epoxy Paint Other Wall Protection	
	Corner Guards Crash Rails Other	
os)	Flooring VCT/ Vinyl free tile Sheet Vinyl	
ce: x	Concrete Resinous/ Epoxy Carpet Other	X
ot	Base 4" Rubber	
	Integral w/floor Ceiling Open	
	Acoustic Tile Gyp. Board Height	X
<u> </u>	Doors Size Type Operable Wall Vision Panel	42" wide
Dock Stock Rom/Stores	Special Hardware or Se	eals
ENTS	SECURITY	
	Locks Card Access	X X

F-2 RECEIVING/STAGING/OFFICE

BUILDING SUPPORT & LOGISTICS

F-3 CHEMICAL STORAGE **BUILDING SUPPORT & LOGISTICS**

UTILIZATION	PLUMBING	AV	UTILIZATION	PLUMBING
Hours of Operation	Sinks	Distance Learning	Hours of Operation	Sinks
8 hours/day	Standard X	Video Conferencing	8 hours/day	Standard
14 hours/day	ADA	Projection Surface	14 hours/day	ADA
24 hours/day x	Scullery	Flat screen Monitors	24 hours/day x	Scullery
	Other Safety Shower, Eyewa	sh Power at Table		Other
		Data at Table		
SPACE OCCUPANY		Lectern or Other	SPACE OCCUPANY	
No. Of Ocuupants		Smartboard	No. Of Occupants	
MECHANICAL	ELECTRICAL		MECHANICAL	ELECTRICAL
Temperature	Electrical Raceway	ARCHITECTURAL	Temperature	Electrical Raceway
70°-75° ± 1°F	110V, 20A, 1 Phase x	Walls/Partitions	70°-75° ± 1°F	110V, 20A, 1 Phase
72°F ± 2°F x	208V, 30A, 1 Phase	GWB, Paint	72°F ± 2°F x	208V, 30A, 1 Phase
Other	208V, 30A, 3 Phase	GWB, Epoxy Paint	Other	208V, 30A, 3 Phase
Humidity	480V, 100A, 3 Phase	Other CMU	Humidity	480V, 100A, 3 Phase
50%- 25%± 5% x	Emergency/ Standby Power	Wall Protection	50%- 25%± 5% x	Emergency/ Standby Power
	UPS (OFOI)	Corner Guards		UPS (OFOI)
Other < 50%	Other	Crash Rails x	Other < 50%	Other
15 ACH (Min)		Other	15 ACH (Min)	Guici
10 ACH (Min)	LIGHTING	Flooring	10 ACH (Min)	LIGHTING
6 ACH (Min)	Lighting Level	VCT/ Vinyl free tile	6 ACH (Min)	Lighting Level
100% Make-up Air	80-100 fc at bench/desk (labs)	Sheet Vinyl	100% Make-up Air	80-100 fc at bench/desk (lat
Recirculated Air	30-60 fc at bench/desk (offices)	Concrete x	Recirculated Air	30-60 fc at bench/desk (offic
Air Pressure Positive	Task Lighting	Resinous/ Epoxy	Air Pressure Positive	Task Lighting
Air Pressure Negative x	Darkenable or Dimmable	Carpet	Air Pressure Negative	Darkenable or Dimmable
Air Filtration at Supply or Exhaust	Special Lighting	Other	Air Filtration at Supply or Exhaust	Special Lighting
Other	Natural Daylight Preferred or not x	Base	Other	Natural Daylight Preferred or no
		4" Rubber		Natural Daylight Freiened of ht
CASEWORK/MILLWORK/ FURNITURE	EQUIPMENT	Integral w/floor	CASEWORK/MILLWORK/ FURNITURE	EQUIPMENT
Space Type	Refrigerator	Ceiling	Space Type	Refrigerator
Private	Microwave	Open x	Private	Microwave
Semi Private	Coffee Machine	Acoustic Tile	Semi Private	Coffee Machine
Open	Dishwasher	Gyp. Board	Open	Dishwasher
Public	Printer/ Scanner	Height	Public	Printer/ Scanner
Tables w/ seating	Plotter		Tables w/ seating	Plotter
Wall Cabinets or Shelves	Copier	Doors	Wall Cabinets or Shelves	Copier
Sofa/ Lounge chairs	Computers	Size 42" wide min.	Sofa/ Lounge chairs	Computers
Flexible furniture	Other Dispensing hood/ Fume I		Flexible furniture	Other
Other UL Listed Chemical		Operable Wall	Other Tall shelves	Guici
Storage Containers	ADJACENCY CRITERIA	Vision Panel	Storage cabinets	ADJACENCY CRITERIA
	Primary Adjacency	Special Hardware or Seals		Primary Adjacency
	Secondary Adjacency	· · · · · · · · · · · · · · · · · · ·		Secondary Adjacency
FUNCTIONAL CRITERIA	PERFORMANCE REQUIREMENTS	SECURITY	FUNCTIONAL CRITERIA	PERFORMANCE REQUIREMI
FUNCTIONAL CRITERIA			FUNCTIONAL CRITERIA	
	NC Acoustical Criteria Acoustical Panels	Locks Card Access x		NC Acoustical Criteria Acoustical Panels
		Card Access x		
	Privacy Criteria			Privacy Criteria Other Criteria
				Other Unterna
REMARKS:			REMARKS:	

F-4 **CYLINDER STORAGE BUILDING SUPPORT & LOGISTICS**

	AV	
	Distance Learning	
	Video Conferencing	
	Projection Surface	
	Flat screen Monitors	
	Power at Table	
	Data at Table	
	Lectern or Other	
	Smartboard	
	omanboard	
	ARCHITECTURAL	
x	Walls/Partitions	
	GWB, Paint	
	GWB, Epoxy Paint	
	Other	CMU
	Wall Protection	CIVIO
	Corner Guards	
	Crash Rails	x
	Other	
	Flooring	
	VCT/ Vinyl free tile	
bs)	Sheet Vinyl	
ices)	Concrete	X
	Resinous/ Epoxy	
	Carpet	
	Other	
iot x	Base	
	4" Rubber	
	Integral w/floor	
	Ceiling	
	Open	х
	Acoustic Tile	
	Gyp. Board	
	Height	
·	Doors	
	Size	42" wide min.
	Туре	
	Operable Wall	
	Vision Panel	
	Special Hardware or Sea	ls
ENTS	SECURITY	
	Locks	
	Card Access	x



F-5 WASTE/BIOHAZARD STORAGE BUILDING SUPPORT & LOGISTICS

UTILIZATION	PLUMBING	AV	UTILIZATION	PLUMBING
Hours of Operation	Sinks	Distance Learning	Hours of Operation	Sinks
8 hours/day	Standard X	Video Conferencing	8 hours/day	Standard
14 hours/day	ADA	Projection Surface	14 hours/day	ADA
24 hours/day x	Scullery	Flat screen Monitors	24 hours/day x	Scullery
·	Other x	Power at Table		Other
	Safety shower, eyewash	Data at Table	-	
SPACE OCCUPANY	, , , ,	Lectern or Other	SPACE OCCUPANY	
No. Of Ocuupants		Smartboard	No. Of Occupants	
·				
MECHANICAL	ELECTRICAL		MECHANICAL	ELECTRICAL
Temperature	Electrical Raceway	ARCHITECTURAL	Temperature	Electrical Raceway
70°-75° ± 1°F	110V, 20A, 1 Phase x	Walls/Partitions	70°-75° ± 1°F	110V, 20A, 1 Phase
72°F ± 2°F x	208V, 30A, 1 Phase	GWB, Paint	72°F ± 2°F x	208V, 30A, 1 Phase
Other	208V, 30A, 3 Phase	GWB, Epoxy Paint	Other	208V, 30A, 3 Phase
Humidity	480V, 100A, 3 Phase	Other CMU	Humidity	480V, 100A, 3 Phase
50%-25%±5% x	Emergency/ Standby Power	Wall Protection		Emergency/ Standby Power
Uncontrolled	UPS (OFOI)	Corner Guards	Uncontrolled	UPS (OFOI)
Other < 50%	Other	Crash Rails x	Other < 50%	Other
15 ACH (Min)		Other	15 ACH (Min)	
10 ACH (Min)	LIGHTING	Flooring		LIGHTING
6 ACH (Min)	Lighting Level	VCT/ Vinyl free tile	6 ACH (Min)	Lighting Level
100% Make-up Air	80-100 fc at bench/desk (labs)	Sheet Vinyl	100% Make-up Air	80-100 fc at bench/desk (labs)
Recirculated Air	30-60 fc at bench/desk (offices)	Concrete x		30-60 fc at bench/desk (offices)
Air Pressure Positive	Task Lighting	Resinous/ Epoxy	Air Pressure Positive	Task Lighting
Air Pressure Negative x	Darkenable or Dimmable	Carpet	Air Pressure Negative	Darkenable or Dimmable
Air Filtration at Supply or Exhaust	Special Lighting	Other	Air Filtration at Supply or Exhaust	Special Lighting
Other	Natural Daylight Preferred or not	Base	Other	Natural Daylight Preferred or not
		4" Rubber		
CASEWORK/MILLWORK/ FURNITURE	EQUIPMENT	Integral w/floor	CASEWORK/MILLWORK/ FURNITURE	EQUIPMENT
Space Type	Refrigerator	Ceiling	Space Type	Refrigerator
Private	Microwave	Open x	Private	Microwave
Semi Private	Coffee Machine	Acoustic Tile	Semi Private	Coffee Machine
Open	Dishwasher	Gyp. Board	Open	Dishwasher
Public	Printer/ Scanner	Height	Public	Printer/ Scanner
Tables w/ seating	Plotter	licight	Tables w/ seating	Plotter
Wall Cabinets or Shelves	Copier	Doors	Wall Cabinets or Shelves	Copier
Sofa/ Lounge chairs	Computers	Size min. 42" wide		Computers
Flexible furniture	Other		Flexible furniture	Other
Other Biohazard waste conta		Operable Wall	Other Tall shelves	
Other Bionazard waste conta	ADJACENCY CRITERIA	Vision Panel	Storage cabinet	ADJACENCY CRITERIA
	Primary Adjacency	Special Hardware or Seals		Primary Adjacency
	Secondary Adjacency	Special Hardware of Seals	_	Secondary Adjacency
FUNCTIONAL CRITERIA	PERFORMANCE REQUIREMENTS	SECURITY	FUNCTIONAL CRITERIA	PERFORMANCE REQUIREMENTS
	NC Acoustical Criteria	Locks		NC Acoustical Criteria
	Acoustical Panels	Card Access x		Acoustical Panels
	Privacy Criteria			Privacy Criteria
	Other Criteria			Other Criteria
		—		
REMARKS:			REMARKS:	

F-6 BUILDING STORAGE BUILDING SUPPORT & LOGISTICS

AV	
Distance Learning	_
Video Conferencing	
Projection Surface	
Flat screen Monitors	
Power at Table	
 Data at Table	
Lectern or Other	
Smartboard	
ARCHITECTURAL	
 Walls/Partitions	
 GWB, Paint	
GWB, Epoxy Paint	
 Other	CMU
Wall Protection	
Corner Guards	
Crash Rails	х
 Other	
Flooring	
VCT/ Vinyl free tile	
Sheet Vinyl	
Concrete	х
 Resinous/ Epoxy	
 Carpet	
 Other	
 Base	
 4" Rubber	
Integral w/floor	
Ceiling	
 Open	х
 Acoustic Tile	X
 Gyp. Board	
 Height	
 lisight	
 Doors	
Size	42" wide min.
 Туре	
 Operable Wall	
Vision Panel	
Special Hardware or Sea	als
 ,	
SECURITY	
Locks	
 Card Access	х

