



# SOUTHERN ILLINOIS UNIVERSITY EDWARDSVILLE

## HEALTH SCIENCE BUILDING

PROGRAM DOCUMENT

JULY 16, 2021



Capital  
Development  
Board

**SIUE**





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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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## 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 offering 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:

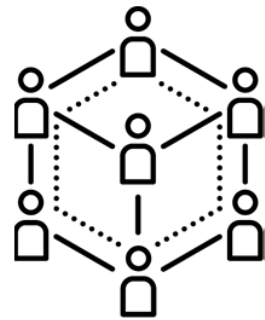
1. Exploration of a program statement defined around the needs of building occupants based on projected enrollment and faculty/staff demographics, SIUE space guidelines, functional utilization, and HOK's experience benchmarking similar spaces.
2. Development of a recommended program statement with a 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

# GUIDING PRINCIPLES



Leadership in  
Health Science  
Education



Commitment to  
Interprofessional  
Education



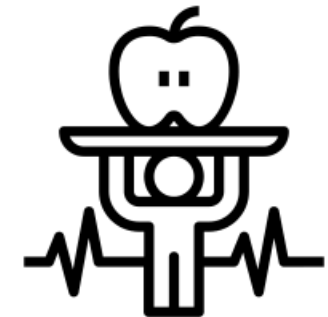
Leverage  
Technology  
for  
Experiential  
learning



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



## 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

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

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	1,130 nsf
Total program area (NSF)	123,835 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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## 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.

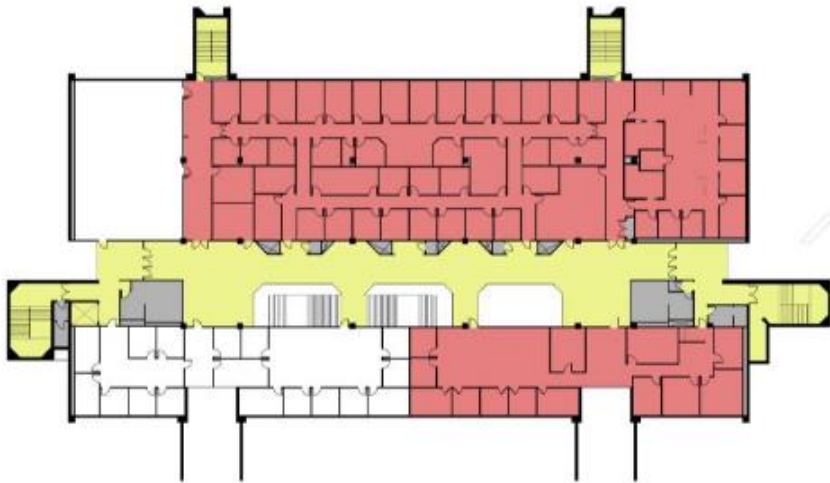
As part of the process, HOK conducted walk-throughs of Nursing space in Alumni Hall and Pharmacy space in Building 200 and 220 University Park Drive .

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



# EXISTING BUILDINGS AREAS – ALUMNI HALL



2<sup>nd</sup> Floor

## ALUMNI HALL

### 2<sup>nd</sup> FLOOR

Nursing*	14.0k nsf
Other Occupants	5.5k nsf
Subtotal	19.5k nsf

TOTAL 30.3k GSF

\*Atrium circulation used for Nursing events equals an additional ~3.6k sf



3<sup>rd</sup> Floor

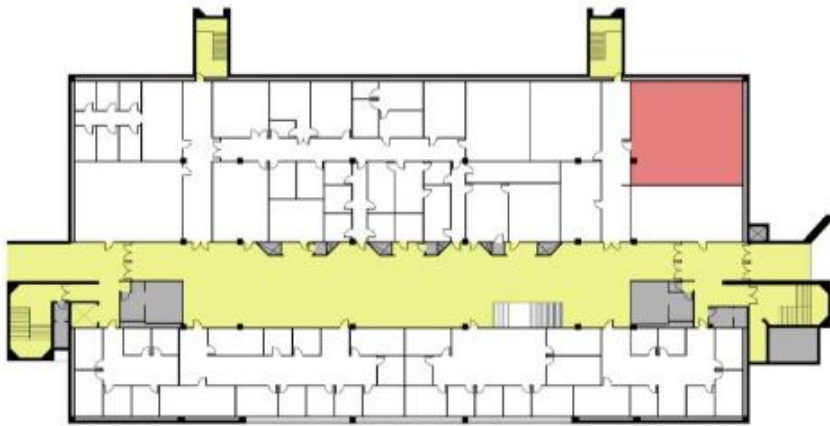
## ALUMNI HALL

### 3<sup>rd</sup> 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



Lower Level

## ALUMNI HALL

### LOWER LEVEL

Nursing	1.4k nsf
Other Occupants	18.6k nsf
Subtotal	20.0k nsf

TOTAL 32.4k GSF

## SUMMARY

### LOWER LEVEL, LEVEL 02, LEVEL 03

Nursing	23.6k nsf
Other Occupants	38.6k nsf
Subtotal	62.2k nsf

TOTAL 129.0k GSF



# NURSING PROGRAM IN ALUMNI HALL



Currently the School of Nursing is primarily located on the 2<sup>nd</sup> and 3<sup>rd</sup> 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 2<sup>nd</sup> and 3<sup>rd</sup> 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.

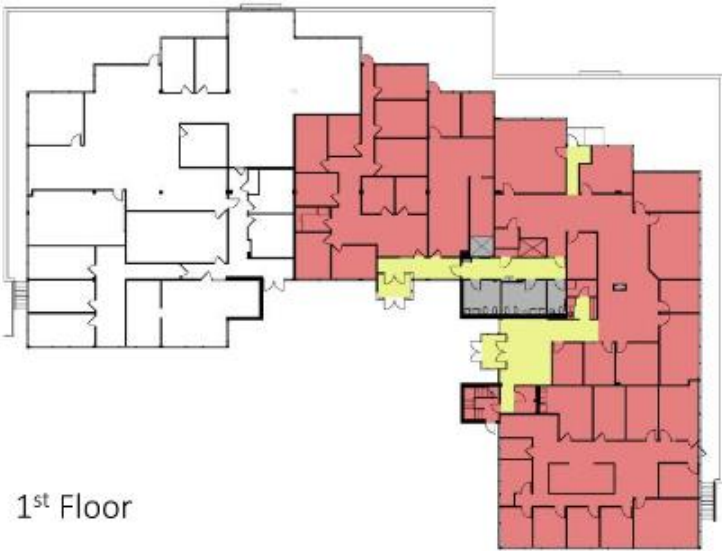
Based on the team's walk through tour, HOK noted the following issues and challenges that would need to be addressed in the design of the new Health Science Complex:

## 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



# EXISTING BUILDINGS AREAS – 200/220 UNIVERSITY PARK



## 200 UNIVERSITY PARK 1<sup>st</sup> FLOOR

Pharmacy	8.3k nsf
<u>Other Occupant</u>	<u>6.8k nsf</u>
Subtotal	15.1k nsf

TOTAL 18.5k GSF



## 220 UNIVERSITY PARK GROUND LEVEL

Pharmacy	15.0k nsf
<u>Other Occupant</u>	<u>0.0k nsf</u>
Subtotal	15.0k nsf

TOTAL 18.6k GSF



## 200 UNIVERSITY PARK LOWER LEVEL

Pharmacy	9.8k nsf
<u>Other Occupant</u>	<u>6.9k nsf</u>
Subtotal	16.7k nsf

TOTAL 21.9k GSF

## SUMMARY ALL LEVELS

Pharmacy	33.1k nsf
<u>Other Occupant</u>	<u>13.7k nsf</u>
Subtotal	46.8k nsf

TOTAL 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 into 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



Building 200



Building 220



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
- Overall 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.”

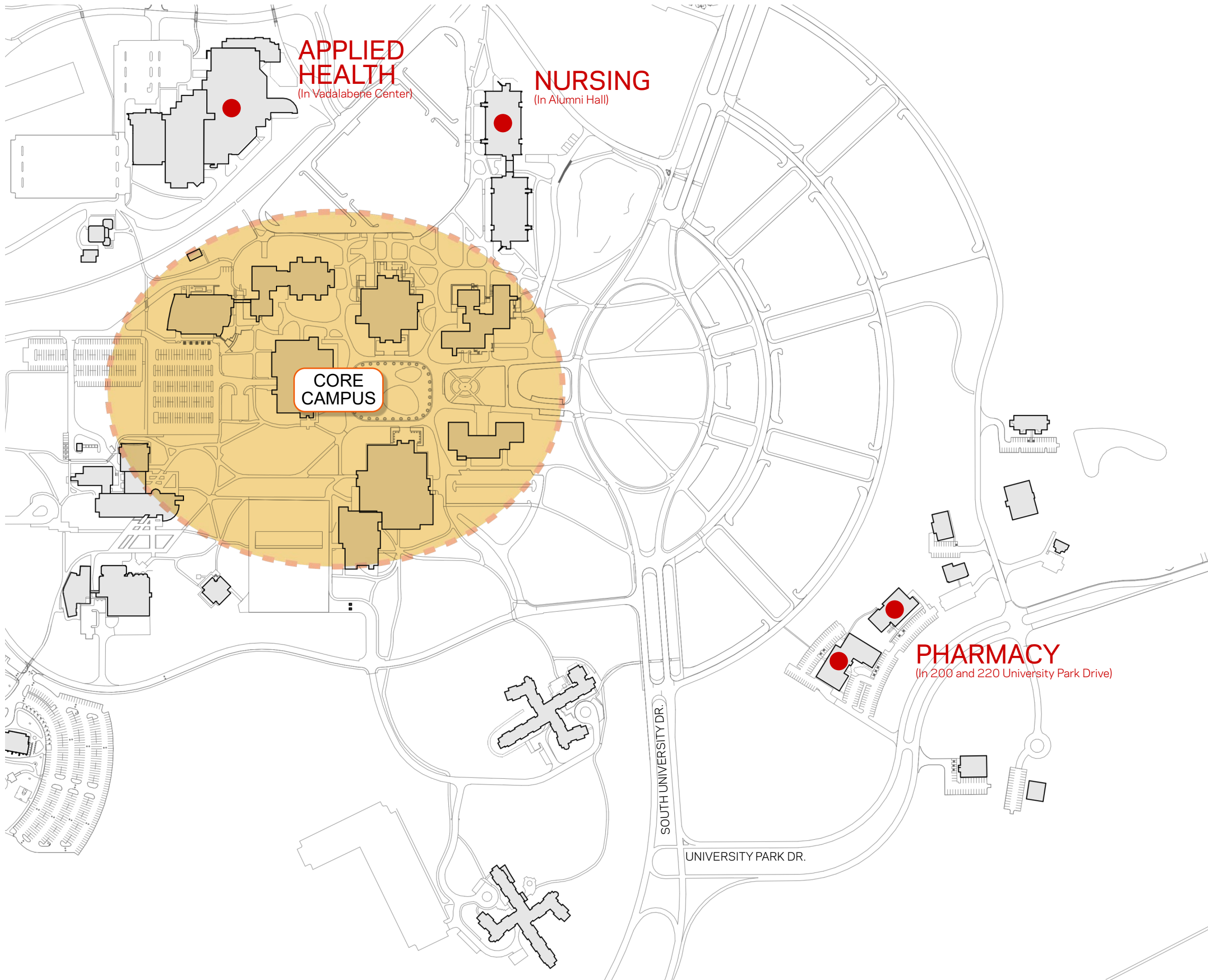
The project is envisioned to be part of the greater campus and related in scale, context and materials to the main campus and respect the framework of the original 1960’s master plan and subsequent updates. In the future, this precinct of campus is imagined to expand northward as indicated by the “Future 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





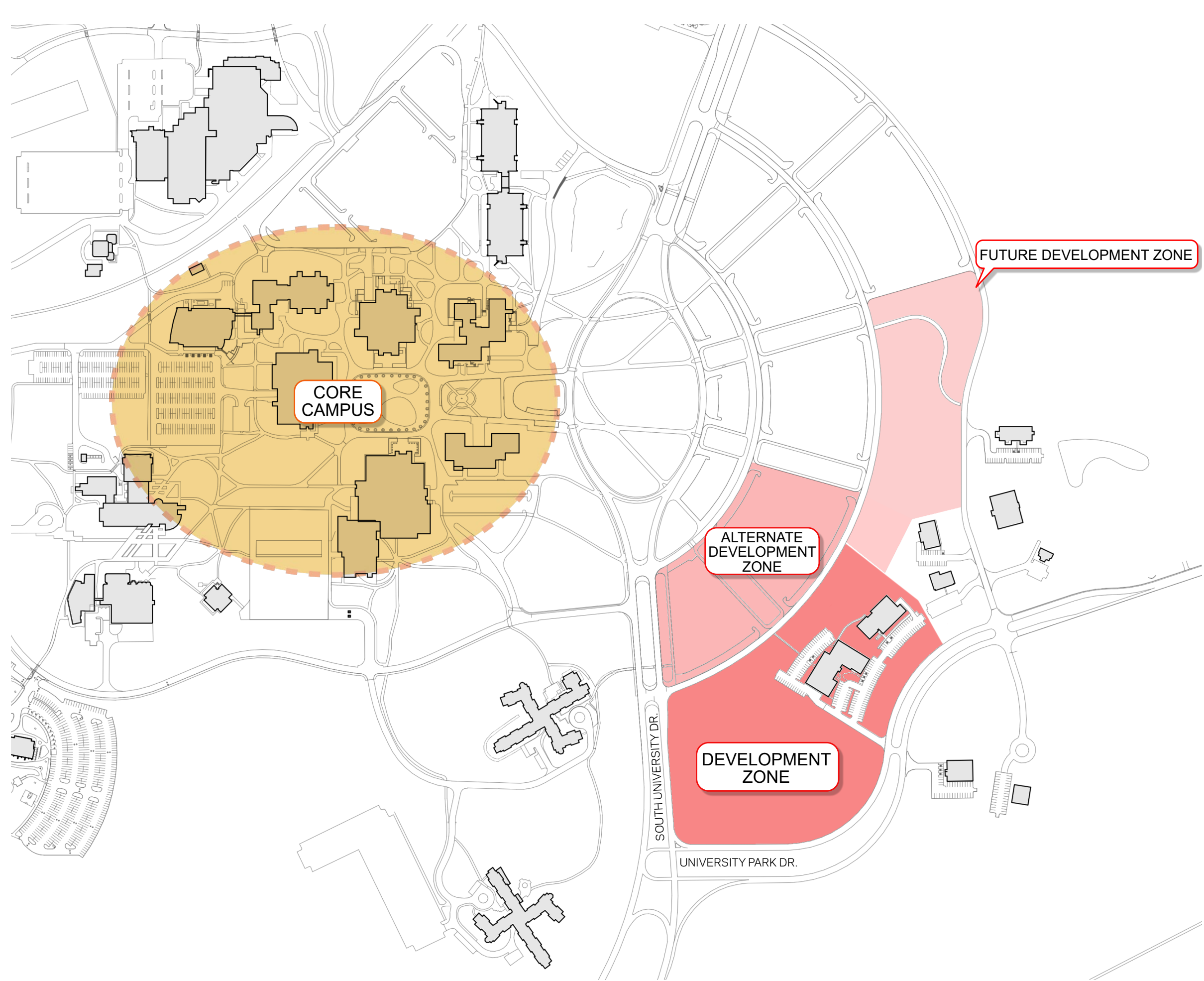
# EXISTING CAMPUS PLAN

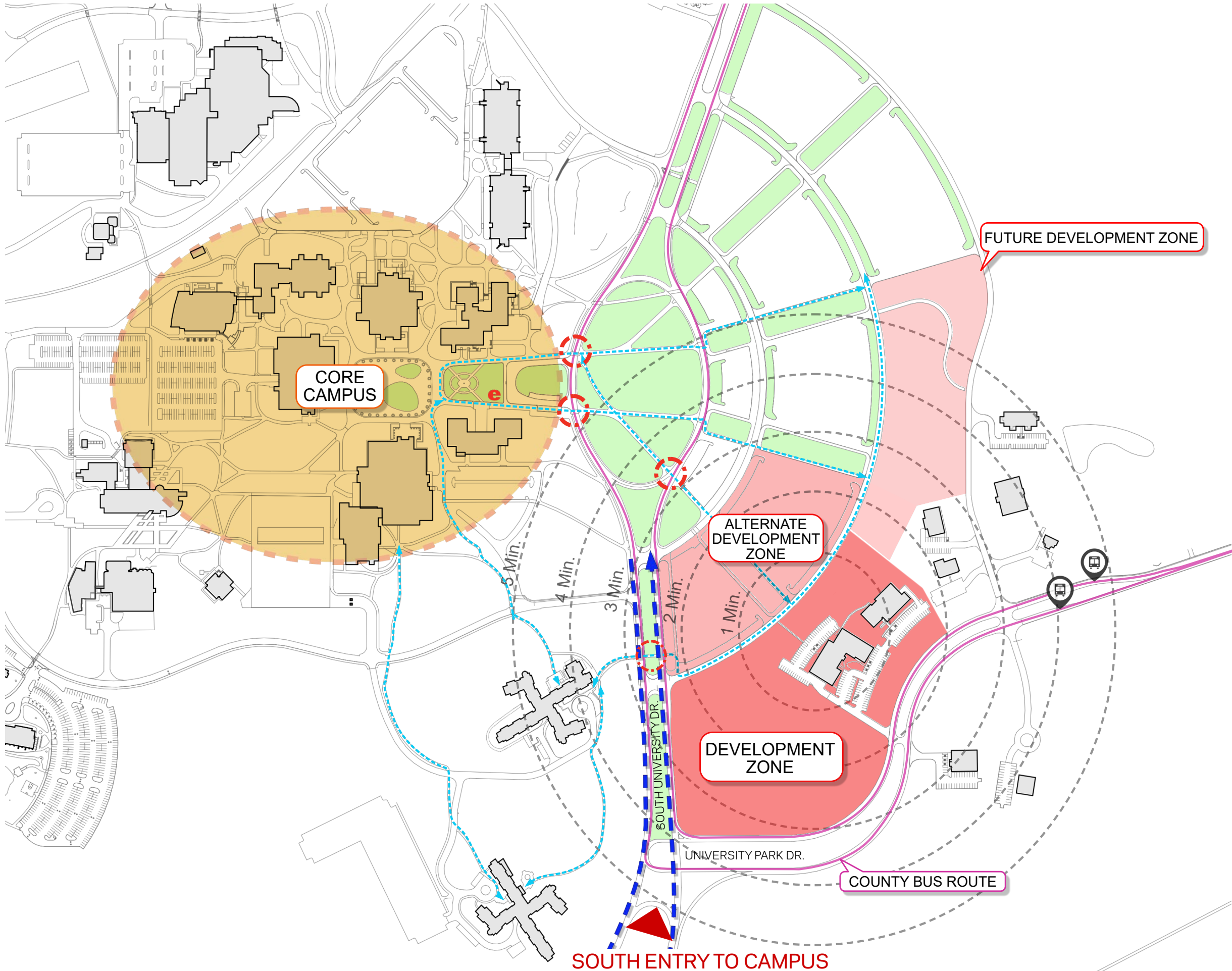
Map showing core campus in relation to the current locations of the Nursing, Pharmacy and Applied Health. Currently health science programs at SIUE are dispersed and lack desired consolidation.



# 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

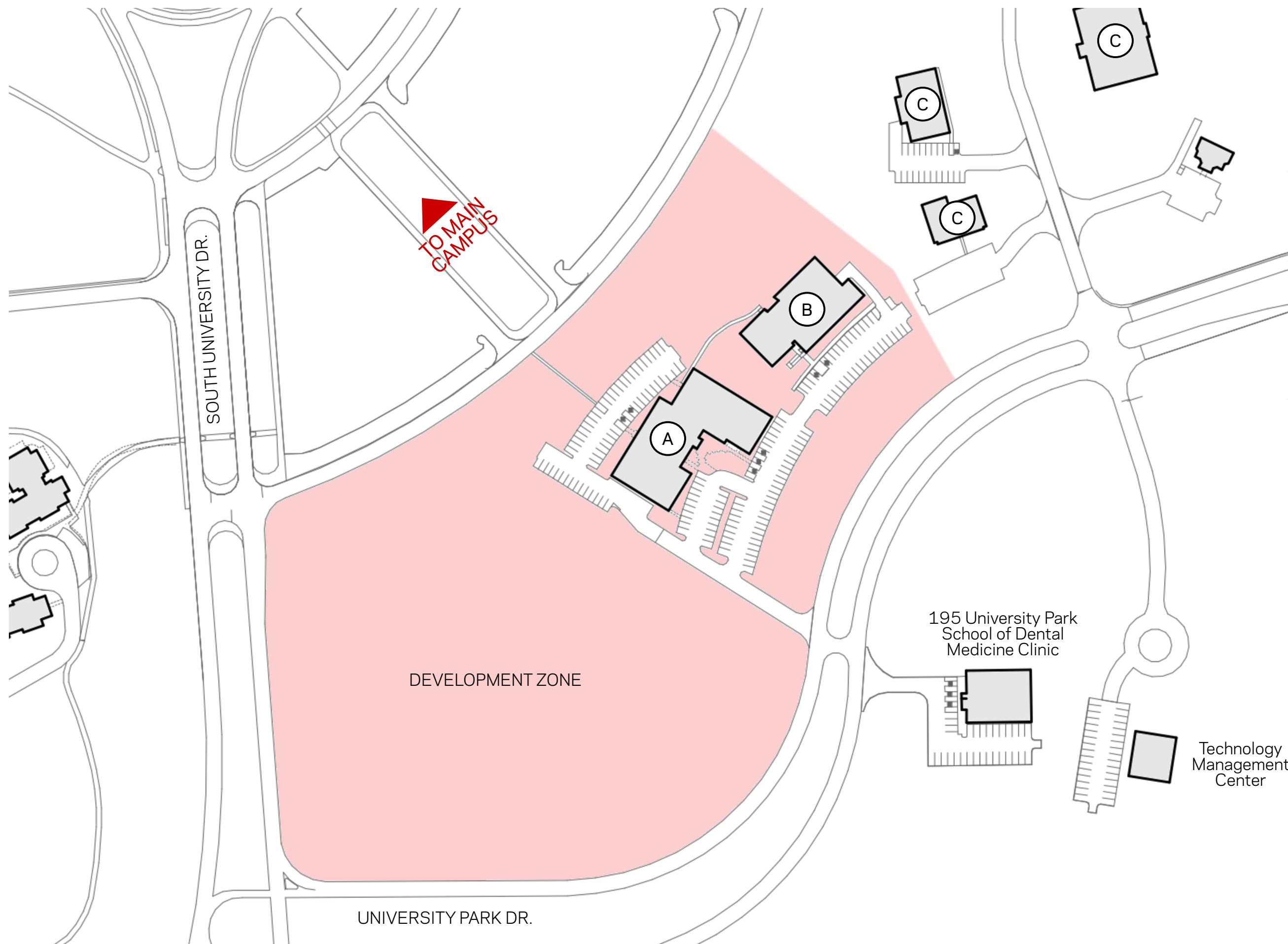
Map showing pedestrian and vehicular circulation and key crossing points.

- Pedestrian Circulation
- Vehicular Circulation
- Primary Access
- Walking Distances
- Key pedestrian/vehicular crossing points



# 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

195 University Park  
School of Dental  
Medicine Clinic

Technology  
Management  
Center





## SECTION 03 - PROGRAM

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## 3.0 PROGRAM OVERVIEW

### 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.



SCHOOL OF NURSING



SCHOOL OF PHARMACY



SCHOOL OF PUBLIC HEALTH



SCHOOL OF OCCUPATIONAL THERAPY



## 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.



SOUTHERN ILLINOIS UNIVERSITY  
**EDWARDSVILLE**  
SCHOOL OF NURSING



SOUTHERN ILLINOIS UNIVERSITY  
**EDWARDSVILLE**  
School of Pharmacy



SOUTHERN ILLINOIS UNIVERSITY  
**EDWARDSVILLE**  
SCHOOL OF EDUCATION  
HEALTH & HUMAN BEHAVIOR

## 3.1 PROGRAM SUMMARY



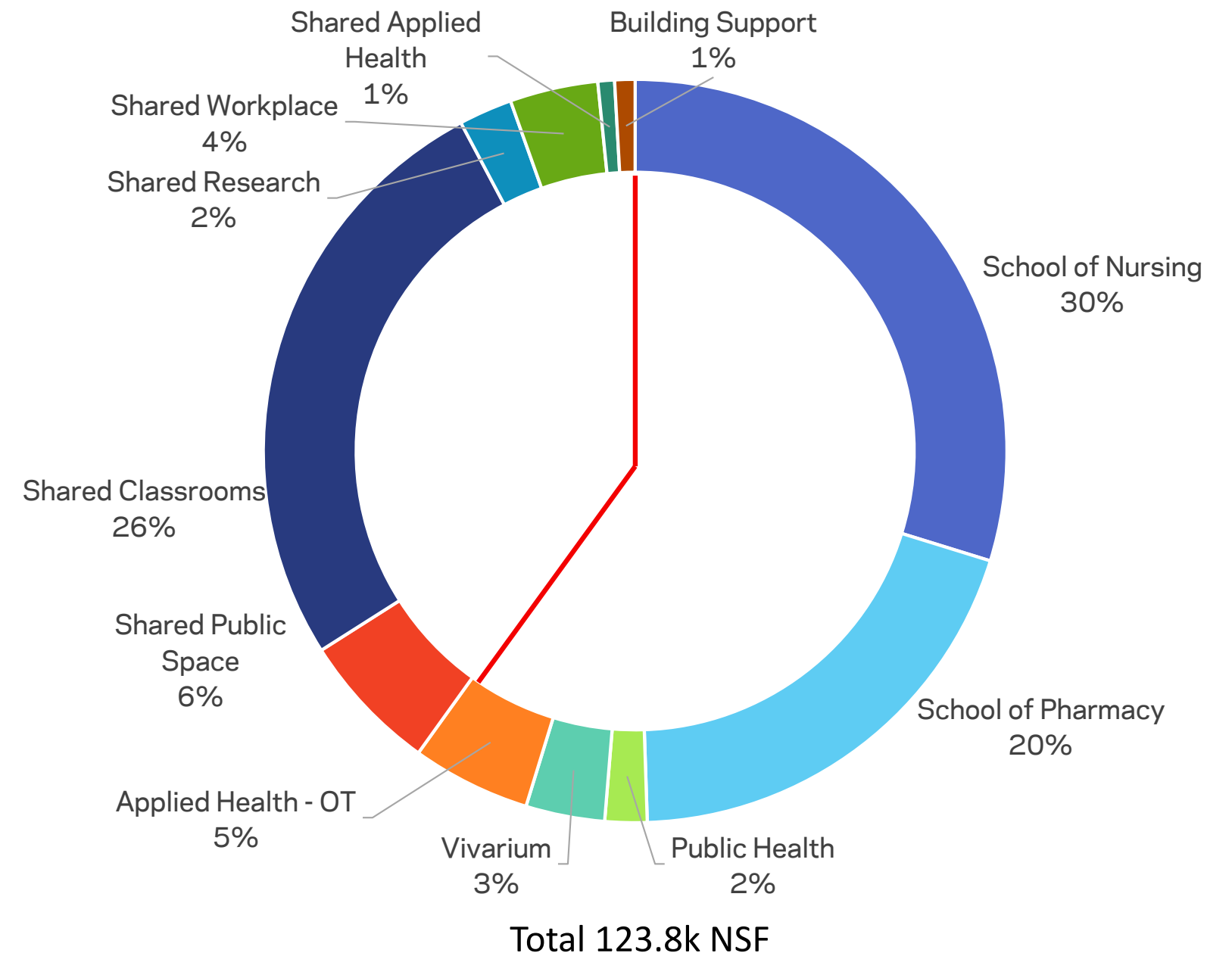
# PROGRAM OVERVIEW

## 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.

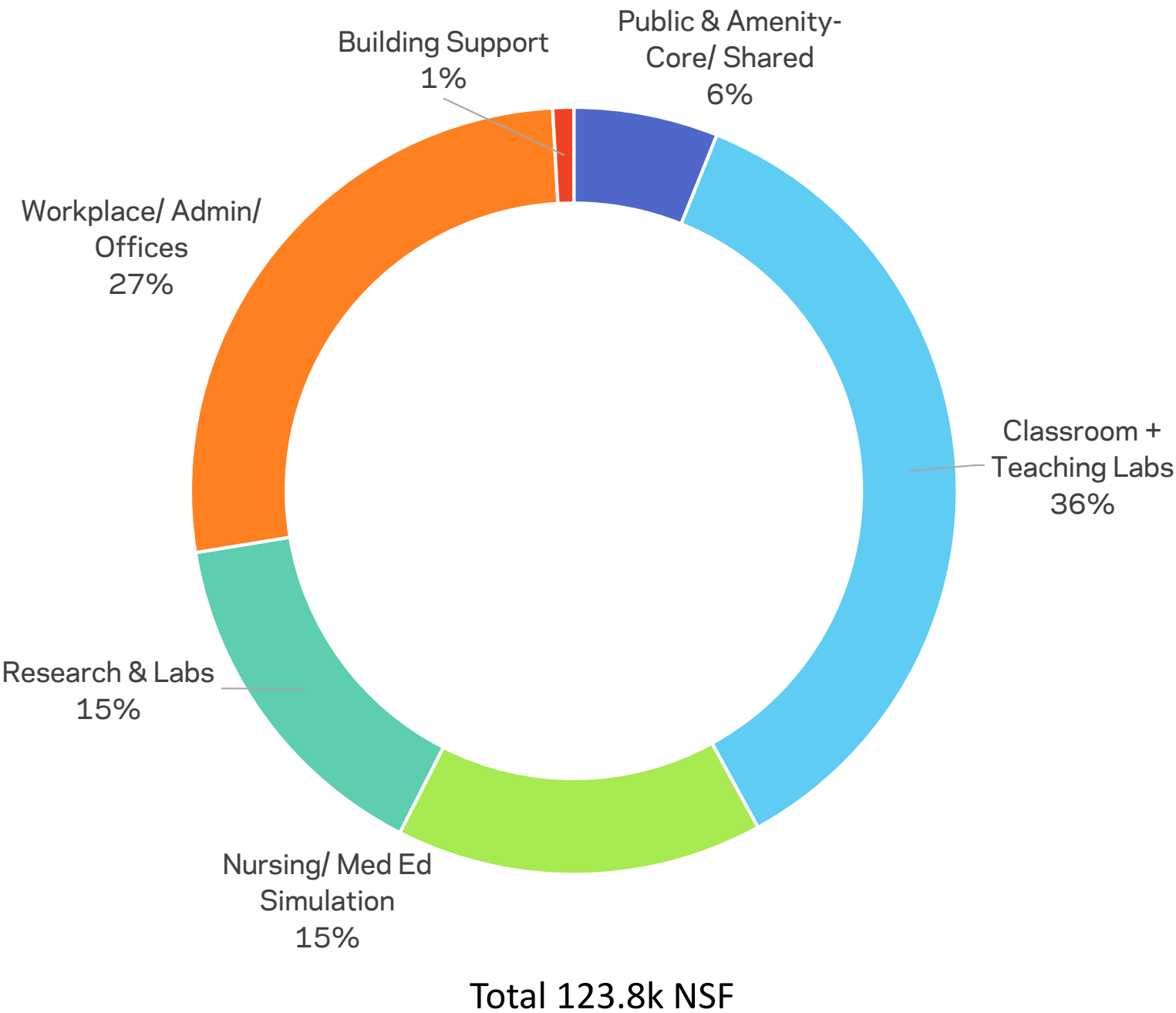


# PROGRAM OVERVIEW

## By Space Type

Space Type Category	NSF
<ul style="list-style-type: none"> <li>Public &amp; Amenity - Core/Shared</li> <li>Classroom + Teaching Labs</li> <li>Nursing/ Med Ed Simulation</li> <li>Research &amp; Labs</li> <li>Workplace/ Admin/Offices</li> <li>Building Support*</li> </ul>	<div>7,325</div> <div>43,970</div> <div>20,075</div> <div>18,260</div> <div>33,075</div> <div>1,130</div>
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.









## 3.2 PROGRAM COMPONENTS / TABULAR SPACE NEEDS

### 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.





### 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 mannequins. 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 infra-structural 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.





PROGRAM SPACES					
Space ID	Space	Quantity of Spaces	Program NSF	Total Net NSF	Notes
<b>A - Public &amp; Amenity</b>				<b>7,325</b>	
<b>A.1 Public &amp; Amenity</b>					
A1-1	Building Lobby	1	1500	1,500	Welcoming entry area; needs to accommodate public events and 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 kitchenette, refrigerators, microwaves etc.
A1-4	Food Kiosk/ Vending	1	500	500	Source of healthy food with some seating. Space for vending machines
A1-5	Catering/ Staging	1	200	200	Food staging , warming area for large events
A1-6	Student Commons	1	1200	1,200	Student resource center and hub. Common open area with diverse seating options.-collaborative as well as focus/individual study areas. Include printers/copy nooks
A1-7	Student collaboration areas	3	200	600	Collaboration areas distributed throughout building
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 equipped with technology. Include writable surfaces
A1-10	Media / Recording Room- One Button Studio	1	200	200	Multipurpose space- instructional video, podcast, recording, media room.
A1-12	Student Organization Storage	3	100	300	
A1-13	Wellness/ Quiet Rooms	1	120	120	Wellness spaces for quiet, respite, relaxation
A1-14	Lactation Room	1	120	120	Include sink, refrigerator
<b>A.1 Public &amp; Amenity</b>				<b>7,325</b>	
<b>B - Classrooms &amp; Teaching Labs</b>				<b>43,970</b>	
<b>B.1 Classrooms</b>					
B1-1	Large Classroom 100p	4	3000	12,000	Large, flat floor multipurpose space with robust educational technology, flexible furniture to allow for multiple configurations. Can be combined for larger classroom spaces with movable partitions
B1-2	Medium Classrooms 50p	9	1500	13,500	Flat floor multipurpose space with robust educational technology, flexible furniture to allow for multiple configurations. Two classrooms prioritized for Public Health and one for Occupational Therapy

PROGRAM SPACES					
Space ID	Space	Quantity of Spaces	Program NSF	Total Net NSF	Notes
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 double to 20p occupancy with dividable walls
B1-6	Classroom Storage	3	100	300	
<b>B.1 Classrooms</b>				<b>32,100</b>	
<b>B.2 Teaching Labs</b>					
B2-1	Drug Information Center	1	300	300	Three student workstations for drug information and pharmacy 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- 40p	1	1200	1,200	
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 stations
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>B.2 Teaching Labs</b>				<b>11,870</b>	
<b>C - Nursing Med Ed / Simulation</b>				<b>20,075</b>	
<b>C.1 Standardized Patient Spaces</b>					
C1-1	Simulation/ SP Lobby	1	250	250	Reception for simulation/ registration of standardized patients
C1-2	SP Ante Room/ Lockers	1	200	200	Include 5 lockers, changing areas, kitchenette, flat screen monitor for orientation
C1-3	SP Moulage/ Toilet	1	100	100	
C1-4	SP Exam Rooms	6	150	900	Provide cameras, speakers , microphones and two separate means of entry/ egress per space. Include charting area outside each exam room - nook/permanent countertop is preferred.

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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 encounters - 2 stations
C1-7	SP Storage	1	100	100	
<b>C.1 Standardized Patient Spaces</b>				<b>2,090</b>	

C.2 Simulation Spaces					
C2-1	Simulation Rooms	4	400	1,600	ORs, PACU, LDR, Acute care simulation rooms. Large for a large student cohort/ IPE sessions. Multipurpose, flexible rooms for 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/ community partner use
C2-4	Large simulation viewing room	1	2500	2,500	Combined simulation demonstration and lecture space for 30 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 placed between two 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 simulated kitchen appliances, restroom etc. Will be shared with Occupational Therapy students
C2-9	AR/ VR/ Immersion Lab	1	400	400	Flexible environment for use of AR.VR as teaching tools. Include 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	
<b>C.2 Simulation Spaces</b>				<b>9,815</b>	

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 at a time
C3-4	Simulation Lab Technicians	1	100	100	Shared by 2 people

PROGRAM SPACES					
Space ID	Space	Quantity of Spaces	Program NSF	Total Net NSF	Notes
C.3 Standardized Patient + Simulation Work/ Office Spaces				570	
C.4 Task Training Spaces					
C4-1	Task Training Lab	3	1200	3,600	Space for students to practice skills, learn intubation, IV starts etc. on low fidelity manikins. Four beds and instructional space 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 & instructional space/room
C4-4	Acute Care Lab/ Advanced Practice Skills Lab Storage	1	200	200	
C.4 Task Training Spaces				7,600	
D- Research & Labs				19,820	
D1 - Research Labs					
D1-1	Synthetic medicinal chemistry	1	1200	1,200	2PI Wet Lab, 2, 4ft hoods, close proximity to NMR. 300sf growth over existing - typical
D1-2	Med Chem Synthesis, analysis	1	300	300	Wet Lab, 2, 4ft hoods, close proximity to NMR. 100sf existing
D1-3	Synthetic medicinal chemistry	1	300	300	Wet Lab, 3, 6 ft hoods, BLI- close proximity to NMR.
D1-4	Microbiology, cell biology	1	1200	1,200	2PI Wet Lab, 2, 4ft hoods, Biosafety Cab., ideally close proximity to vivarium
D1-5	Microscopy, cell biology	1	300	300	Wet Lab, 2, 4ft hoods, Biosafety Cab., close proximity to vivarium
D1-6	Pharmacology research	1	1200	1,200	2PI Wet Lab, 2, 4ft hoods, close proximity to vivarium
D1-7	Pharmacology research	1	600	600	2PI Wet Lab, 2, 4ft hoods, close proximity to vivarium
D1-8	Pharmacology research	1	300	300	Wet Lab, 2, 4ft hoods, close proximity to vivarium
D1-9	Formulation, stability studies	1	1200	1,200	2PI Wet Lab, 2, 4-ft hoods, ideally close proximity to vivarium
D1-10	Biochemistry, pharmacogenomics	1	1200	1,200	2PI Wet Lab, 2, 4-ft hoods, ideally close proximity to vivarium
D1-11	Formulation, stability studies	1	300	300	Wet Lab, 2,4-ft hoods, biosafety cab, future considerations of 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+ large screens - 2 PH, 2 Nursing
D1-14	Nursing Community Research	1	300	300	Space for community research - 4 workstations and meeting area



PROGRAM SPACES					
Space ID	Space	Quantity of Spaces	Program NSF	Total Net NSF	Notes
D1-15	NMR Lab/ Support	1	225	225	NMR lab - matches existing space- may remain in building 220
D1-16	Nursing Wet Lab	1	600	600	Chaya Gopalan Research lab- additional animal behavioral lab in 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 standby power
D1-19	Autoclave/ Glassware wash room	1	600	600	Includes medium glassware washer, sterilizer, ice machines
<b>D1 - Research Labs</b>				<b>11,215</b>	
<b>D2 - Vivarium</b>					
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, floor drain
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- Dirty/clean/sterile	1	1500	1,500	Confirm reusable versus disposable caging
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
<b>D2 - Vivarium</b>				<b>4,200</b>	
<b>D3 - Research Offices &amp; Workspace</b>					
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 near labs
D3-5	PI/Faculty Offices	4	120	480	School of Pharmacy PI / Faculty offices near vivarium
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	
<b>D3 - Research Offices &amp; Workspace</b>				<b>4,405</b>	

PROGRAM SPACES					
Space ID	Space	Quantity of Spaces	Program NSF	Total Net NSF	Notes
<b>E- Workplace / Offices</b>				<b>33,460</b>	
<b>E1 - School of Nursing Dean's Suite + Other Offices</b>					
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
EI-15	Growth/ Future hires	11	120	1,320	
EI-16	Directors Offices	2	150	300	
<b>E1 - School of Nursing Dean's Suite + Other Offices</b>				<b>16,080</b>	
<b>E2 - School of Pharmacy Dean's Suite + Other Offices</b>					
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 office
E2-3	Associate/ Assistant Dean Offices	2	150	300	Include in Dean's Suite
E2-4	Business Manager/ Directors/ Coordinator/ Advisors	5	120	600	Include in Dean's Suite
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 Information Center ( locate near Drug Information Center). Experiential Education
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



PROGRAM SPACES					
Space ID	Space	Quantity of Spaces	Program NSF	Total Net NSF	Notes
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 1 student employee
E2-17	Computer staging/ repair area	1	150	150	
E2-18	IT Storage	1	80	80	
<b>E2 - School of Pharmacy Dean's Suite + Other Offices</b>				<b>6,900</b>	
<b>E3 - Shared Workplace areas</b>					
E3-1	Hoteling / Touchdown Spaces	5	60	300	Space for visiting faculty, visitors, short term guests
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, microwave, sink. Seats up to 25
E3-5	Medium Meeting Rooms-15p	6	375	2,250	
E3-6	Small Meeting Rooms- 5 p	4	150	600	
<b>E3- Shared Workplace areas</b>				<b>4,690</b>	
<b>E4 - Applied Health/ SEHHB Workplace</b>				<b>3,845</b>	
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, growth 9 faculty.
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
<b>E4 - Applied Health/ SEHHB Workplace</b>				<b>3,020</b>	
<b>E5.0 - Shared Applied Health/ SEHHB Workplace</b>					
E5-1	Reception/ Waiting area	1	150	150	
E5-2	Medium Meeting Rooms-15p	1	375	375	Assume that large faculty meetings can occur in an adjacent classroom
E5-3	Hoteling / Touchdown Spaces	2	60	120	
E5-4	Copy/ Mail Area	1	100	100	
E5-5	Storage Area	1	80	80	
<b>E5.0 - Shared Applied Health/ SEHHB Workplace</b>				<b>825</b>	

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PROGRAM SPACES					
Space ID	Space	Quantity of Spaces	Program NSF	Total Net NSF	Notes
F- Building 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 Support & Logistics				1,130	
Core program net square feet				123,835	
Core program gross square feet				221,134	56% efficiency





## 3.3 TYPICAL ROOM PROTOTYPES AND ROOM DATA SHEETS

### 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

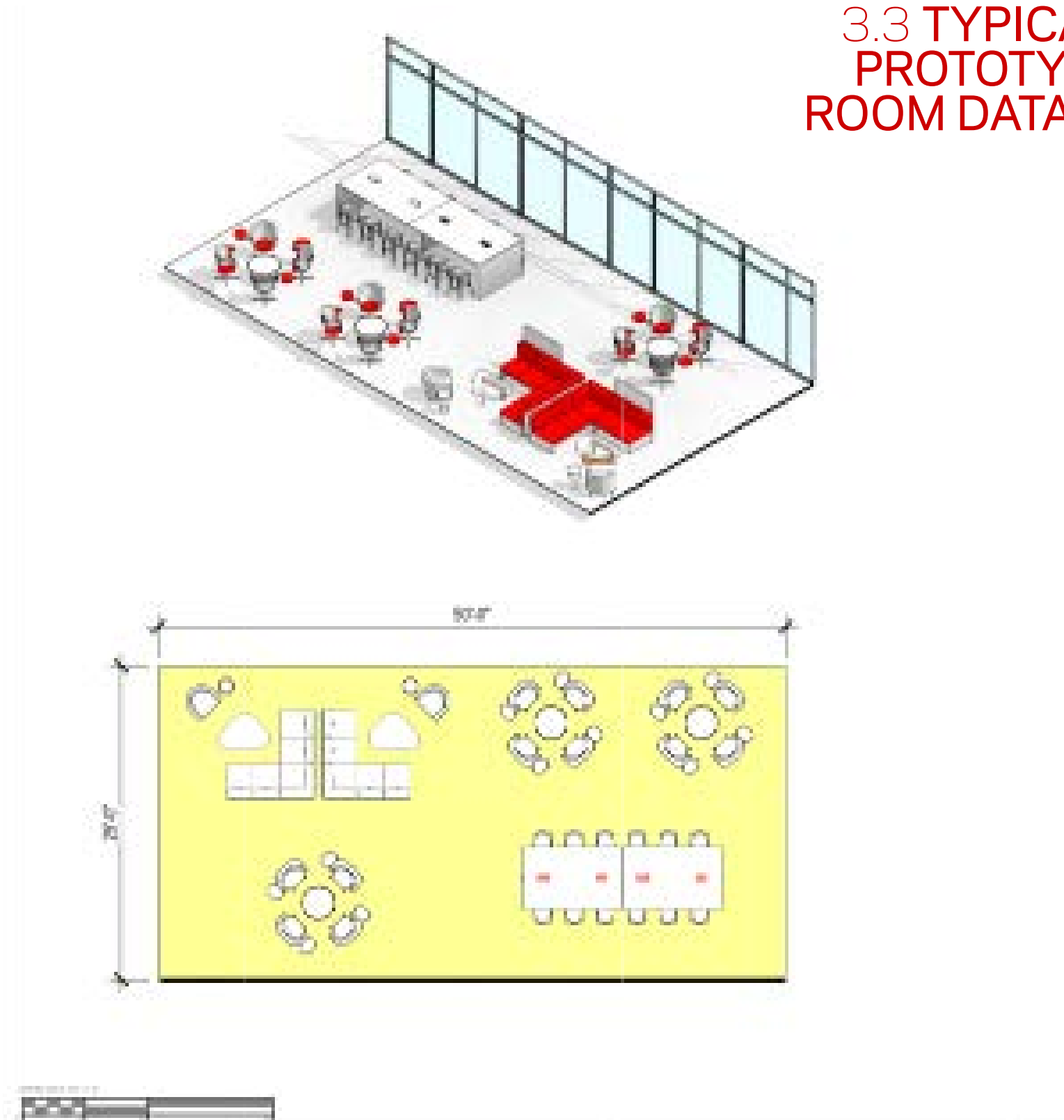
### PLANS AND THREE-DIMENSIONAL VIEWS

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.







## A - PUBLIC & AMENITY



A1-1  
BUILDING LOBBY  
PUBLIC & AMENITY

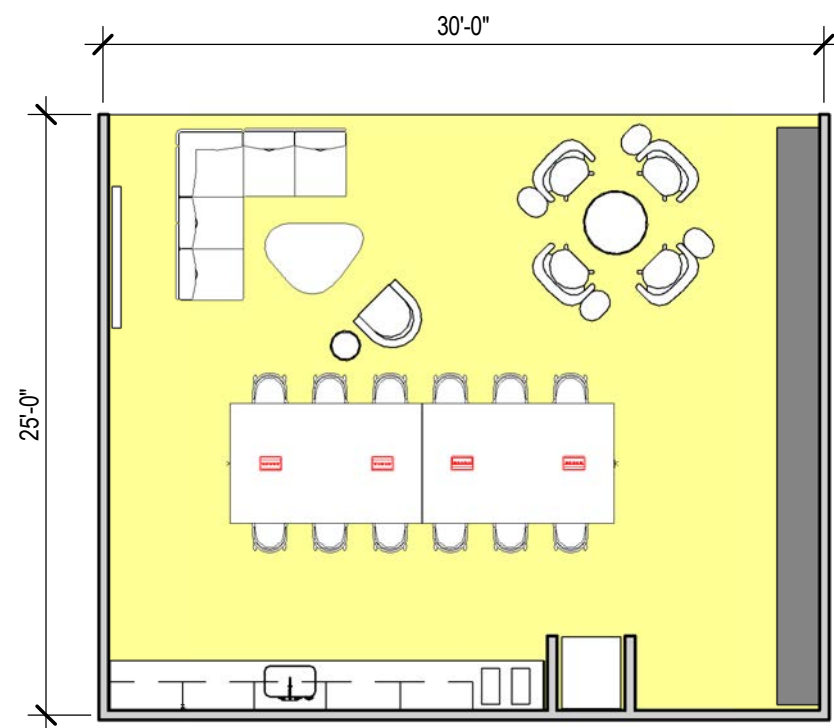
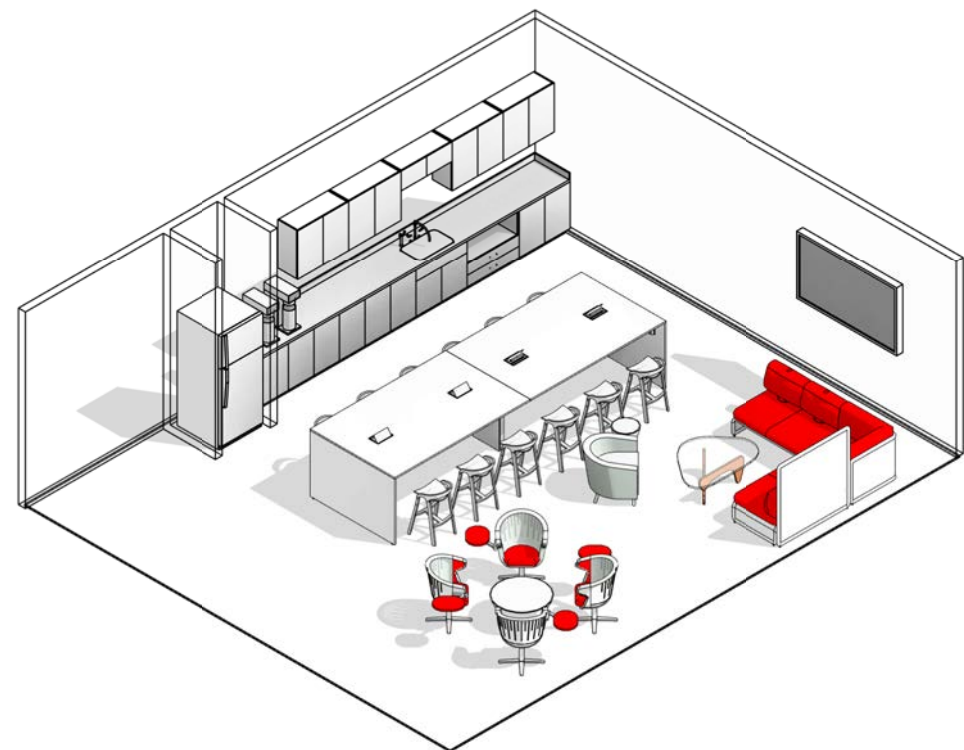
<b>UTILIZATION</b> Hours of Operation 8 hours/day 14 hours/day 24 hours/day	<b>PLUMBING</b> Sinks Standard ADA Scullyery Other	<b>AV</b> Distance Learning Video Conferencing Projection Surface Flat screen Monitors Power at Table Data at Table Lectern or Other Smartboard Speakers
<b>SPACE OCCUPANY</b> No. Of Occupants	<b>ELECTRICAL</b> Electrical Raceway 110V, 20A, 1 Phase 208V, 30A, 1 Phase 208V, 30A, 3 Phase 480V, 100A, 3 Phase Emergency/ Standby Power UPS (OFOI) Other	<b>ARCHITECTURAL</b> Walls/Partitions GWB, Paint GWB, Epoxy Paint CMU, Paint Other Wall Protection Corner Guards Crash Rails Other Flooring Resilient/ Vinyl free tile Resilient Sheet Concrete Resinous/ Epoxy Carpet Other Base 4" Rubber Integral w/floor Ceiling Open Acoustic Tile Gyp. Board Height Doors Size Type Operable Wall Vision Panel Special Hardware or Seals
<b>MECHANICAL</b> 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	<b>LIGHTING</b> 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 Feature lighting	<b>SECURITY</b> Locks Card Access
<b>CASEWORK/MILLWORK/ FURNITURE</b> Space Type Private Semi Private Open Public Tables w/ seating Wall Cabinets or Shelves Sofa/ Lounge chairs Flexible furniture Other	<b>EQUIPMENT</b> Refrigerator Microwave Coffee Machine Dishwasher Printer/ Scanner Plotter Copier Computers Other <b>ADJACENCY CRITERIA</b> Primary Adjacency Secondary Adjacency	
<b>FUNCTIONAL CRITERIA</b> In View of Entry Include reception/conceierge	<b>PERFORMANCE REQUIREMENTS</b> NC Acoustical Criteria Acoustical Panels Privacy Criteria STC Rating	

REMARKS:

A1-2  
PREFUNCTION  
PUBLIC & AMENITY

<b>UTILIZATION</b> Hours of Operation 8 hours/day 14 hours/day 24 hours/day	<b>PLUMBING</b> Sinks Standard ADA Scullyery Other	<b>AV</b> Distance Learning Video Conferencing Projection Surface Flat screen Monitors Power at Table Data at Table Lectern or Other Smartboard Speakers
<b>SPACE OCCUPANY</b> No. Of Occupants	<b>ELECTRICAL</b> Electrical Raceway 110V, 20A, 1 Phase 208V, 30A, 1 Phase 208V, 30A, 3 Phase 480V, 100A, 3 Phase Emergency/ Standby Power UPS (OFOI) Other	<b>ARCHITECTURAL</b> Walls/Partitions GWB, Paint GWB, Epoxy Paint CMU, Paint Other Wall Protection Corner Guards Crash Rails Other Flooring Resilient/ Vinyl free tile Resilient Sheet Concrete Resinous/ Epoxy Carpet Other Base 4" Rubber Integral w/floor Ceiling Open Acoustic Tile Gyp. Board Height Doors Size Type Operable Wall Vision Panel Special Hardware or Seals
<b>MECHANICAL</b> 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	<b>LIGHTING</b> 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	<b>SECURITY</b> Locks Card Access
<b>CASEWORK/MILLWORK/ FURNITURE</b> Space Type Private Semi Private Open Public Tables w/ seating Wall Cabinets or Shelves Sofa/ Lounge chairs Flexible furniture Other	<b>EQUIPMENT</b> Refrigerator Microwave Coffee Machine Dishwasher Printer/ Scanner Plotter Copier Computers Other <b>ADJACENCY CRITERIA</b> Primary Adjacency Secondary Adjacency	
<b>FUNCTIONAL CRITERIA</b> Near Large classroom Potential to combine with lobby space	<b>PERFORMANCE REQUIREMENTS</b> NC Acoustical Criteria Acoustical Panels Privacy Criteria STC Rating	

REMARKS:



## A1-2 PREFUNCTION PUBLIC & AMENITY

### UTILIZATION

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

### SPACE OCCUPANCY

No. Of Occupants	
------------------	--

### MECHANICAL

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

### CASEWORK/MILLWORK/ FURNITURE

Space Type	
Private	
Semi Private	
Open	
Public	x
Tables w/ seating	x
Wall Cabinets or Shelves	
Sofa/ Lounge chairs	x
Flexible furniture	x
Other	

### FUNCTIONAL CRITERIA


### PLUMBING

Sinks	
Standard	X
ADA	
Scullyery	
Other	

### ELECTRICAL

Electrical Raceway	
110V, 20A, 1 Phase	X
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 (of	X
Task Lighting	
Darkenable or Dimmable	
Special Lighting	
Natural Daylight Preferred or	X

### EQUIPMENT

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

### ADJACENCY CRITERIA

Primary Adjacency	Large Classroom
Secondary Adjacency	Lobby

### PERFORMANCE REQUIREMENTS

NC Acoustical Criteria	40-45
Acoustical Panels	
Privacy Criteria	
STC Rating	

### AV

Distance Learning	
Video Conferencing	
Projection Surface	
Flat screen Monitors	
Power at Table	
Data at Table	
Lectern or Other	
Smartboard	
Speakers	

### ARCHITECTURAL

Walls/Partitions	
GWB, Paint	x
GWB, Epoxy Paint	
CMU, Paint	
Other	
Wall Protection	
Corner Guards	
Crash Rails	
Other	
Flooring	
Resilient/ Vinyl free tile	
Resilient Sheet	
Concrete	
Resinous/ Epoxy	
Carpet	
Other	Terrazzo
Base	
4" Rubber	
Integral w/floor	x
Ceiling	
Open	
Acoustic Tile	
Gyp. Board	
Height	TBD in design

### Doors

Size	
Type	
Operable Wall	
Vision Panel	
Special Hardware or Seals	

### SECURITY

Locks	
Card Access	

### REMARKS:

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



A1-4  
FOOD KIOSK/VENDING  
PUBLIC & AMENITY

<b>UTILIZATION</b> Hours of Operation 8 hours/day 14 hours/day 24 hours/day	<b>PLUMBING</b> Sinks Standard ADA Scullyery Other	<b>AV</b> Distance Learning Video Conferencing Projection Surface Flat screen Monitors Power at Table Data at Table Lectern or Other Smartboard Speakers
<b>SPACE OCCUPANY</b> No. Of Occupants		
<b>MECHANICAL</b> 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	<b>ELECTRICAL</b> Electrical Raceway 110V, 20A, 1 Phase 208V, 30A, 1 Phase 208V, 30A, 3 Phase 480V, 100A, 3 Phase Emergency/ Standby Power UPS (OFOI) Other <b>LIGHTING</b> 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 <b>EQUIPMENT</b> Refrigerator Microwave Coffee Machine Dishwasher Printer/ Scanner Plotter Copier Computers Other <b>ADJACENCY CRITERIA</b> Primary Adjacency Secondary Adjacency	<b>ARCHITECTURAL</b> Walls/Partitions GWB, Paint GWB, Epoxy Paint CMU, Paint Other Wall Protection Corner Guards Crash Rails Other Flooring Resilient/ Vinyl fr Resilient Sheet Concrete Resinous/ Epoxy Carpet Other Base 4" Rubber Integral w/floor Ceiling Open Acoustic Tile Gyp. Board Height Doors Size Type Operable Wall Vision Panel Special Hardware or Seals
<b>CASEWORK/MILLWORK/ FURNITURE</b> Space Type Private Semi Private Open Public Tables w/ seating Wall Cabinets or She Sofa/ Lounge chairs Flexible furniture Other	<b>PERFORMANCE REQUIREMENTS</b> NC Acoustical Criteria Acoustical Panels Privacy Criteria STC Rating	<b>SECURITY</b> Locks Card Access
<b>FUNCTIONAL CRITERIA</b> Healthy food options Easily accessed		

REMARKS:

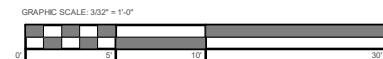
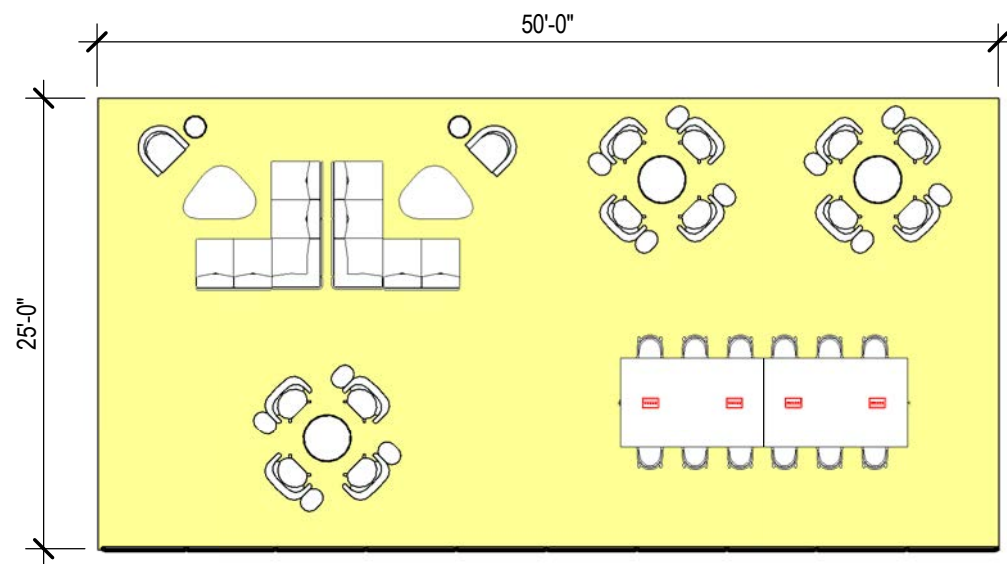
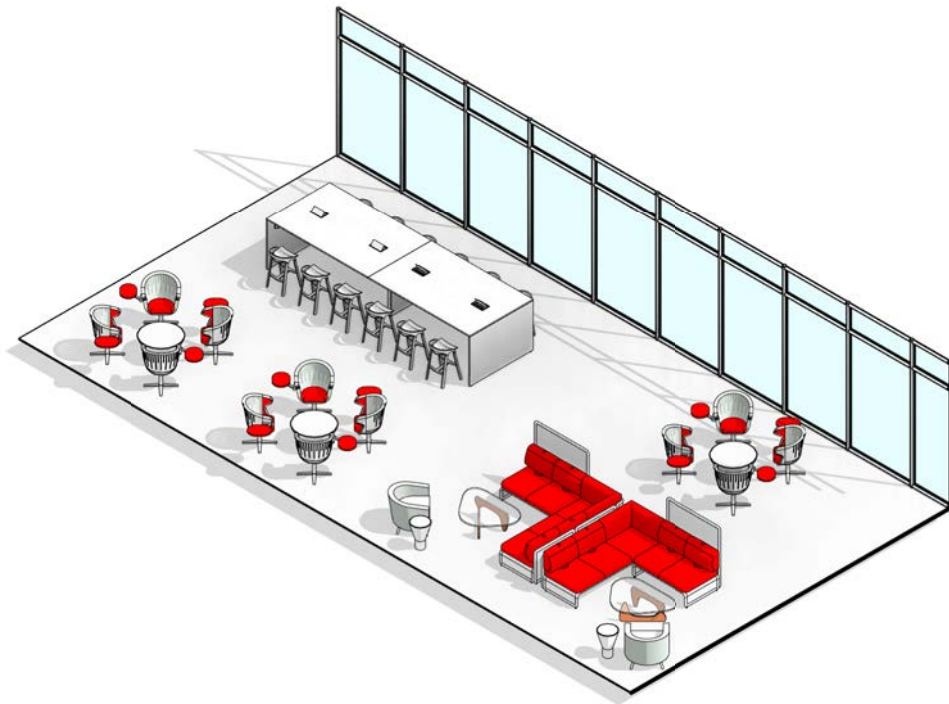
Ensure 15 - 20 amps power as required for vending machines.

A1-5  
CATERING/STAGING  
PUBLIC & AMENITY

<b>UTILIZATION</b> Hours of Operation 8 hours/day 14 hours/day 24 hours/day	<b>PLUMBING</b> Sinks Standard ADA Scullyery Other	<b>AV</b> Distance Learning Video Conferencing Projection Surface Flat screen Monitors Power at Table Data at Table Lectern or Other Smartboard Speakers
<b>SPACE OCCUPANY</b> No. Of Occupants		
<b>MECHANICAL</b> 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	<b>ELECTRICAL</b> Electrical Raceway 110V, 20A, 1 Phase 208V, 30A, 1 Phase 208V, 30A, 3 Phase 480V, 100A, 3 Phase Emergency/ Standby Power UPS (OFOI) Other <b>LIGHTING</b> 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 <b>EQUIPMENT</b> Refrigerator Microwave Coffee Machine Dishwasher Printer/ Scanner Plotter Copier Computers Other <b>ADJACENCY CRITERIA</b> Primary Adjacency Secondary Adjacency	<b>ARCHITECTURAL</b> Walls/Partitions GWB, Paint GWB, Epoxy Paint CMU, Paint Other Wall Protection Corner Guards Crash Rails Other Flooring Resilient/ Vinyl fr Resilient Sheet Concrete Resinous/ Epoxy Carpet Other Base 4" Rubber Integral w/floor Ceiling Open Acoustic Tile Gyp. Board Height Doors Size Type Operable Wall Vision Panel Special Hardware or Seals
<b>CASEWORK/MILLWORK/ FURNITURE</b> Space Type Private Semi Private Open Public Tables w/ seating Wall Cabinets or Shelves Sofa/ Lounge chairs Flexible furniture Other	<b>PERFORMANCE REQUIREMENTS</b> NC Acoustical Criteria Acoustical Panels Privacy Criteria STC Rating	<b>SECURITY</b> Locks Card Access
<b>FUNCTIONAL CRITERIA</b> Healthy food options Easily accessed		

REMARKS:

Food staging, warming area for large events.



## A1-6 HEALTH SCIENCES RESOURCE CENTER OPEN AREA/ STUDENT COMMONS PUBLIC & AMENITY

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

Sinks	
Standard	
ADA	
Scullery	
Other	

Distance Learning	
Video Conferencing	
Projection Surface	
Flat screen Monitors	x
Power at Table	
Data at Table	
Lectern or Other	
Smartboard	
Speakers	

<b>SPACE OCCUPANCY</b>	
No. Of Occupants	

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

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

<b>LIGHTING</b>	
Lighting Level	
80-100 fc at bench/desk (labs)	
30-60 fc at bench/desk (of	x
Task Lighting	
Darkenable or Dimmable	
Special Lighting	zoned
Natural Daylight Preferred or	x

<b>CASEWORK/MILLWORK/ FURNITURE</b>	
Space Type	
Private	
Semi Private	
Open	x
Public	x
Tables w/ seating	x
Wall Cabinets or Shelves	
Sofa/ Lounge chairs	x
Flexible furniture	x
Other	Booths/pods

<b>EQUIPMENT</b>	
Refrigerator	Multiple
Microwave	Multiple
Coffee Machine	x
Dishwasher	
Printer/ Scanner	
Plotter	
Copier	
Computers	
Other	

<b>ADJACENCY CRITERIA</b>	
Primary Adjacency	Entrance
Secondary Adjacency	Lobby

<b>FUNCTIONAL CRITERIA</b>	
Informal collaboration	

<b>PERFORMANCE REQUIREMENTS</b>	
NC Acoustical Criteria	40-45
Acoustical Panels	
Privacy Criteria	
STC Rating	

<b>ARCHITECTURAL</b>	
Walls/Partitions	
GWB, Paint	x
GWB, Epoxy Paint	
CMU, Paint	
Other	
Wall Protection	
Corner Guards	
Crash Rails	
Other	
Flooring	
Resilient/ Vinyl free tile	x
Resilient Sheet	
Concrete	
Resinous/ Epoxy	
Carpet	
Other	
Base	
4" Rubber	
Integral w/floor	x
Ceiling	
Open	
Acoustic Tile	
Gyp. Board	
Height	TBD in design

<b>DOORS</b>	
Size	Multiple
Type	Swing/Sliding
Operable Wall	
Vision Panel	x
Special Hardware or Seals	

<b>SECURITY</b>	
Locks	
Card Access	
Other	24/7 access

### REMARKS:

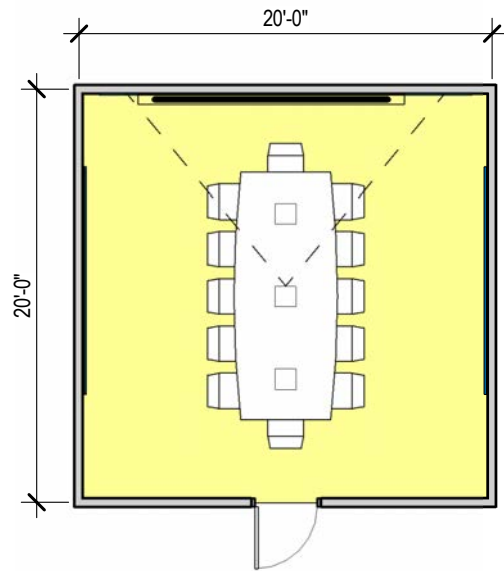
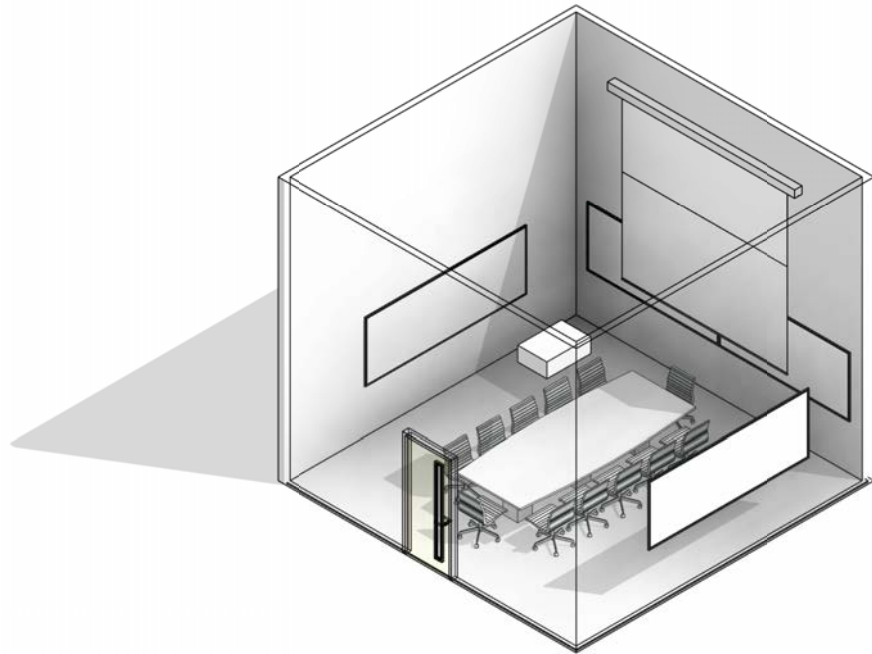
Social hub, gathering area, various types of seating, group interaction and individual nooks. Abundance of power outlets.



## A1-7 STUDENT COLLABORATION AREA PUBLIC & AMENITY

[illegible]

A1-8  
MEETING ROOM  
PUBLIC & AMENITY



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

SPACE OCCUPANCY	
No. Of Occupants	15

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

CASEWORK/MILLWORK/ FURNITURE	
Space Type	
Private	x
Semi Private	
Open	
Public	x
Tables w/ seating	x
Wall Cabinets or Shelves	
Sofa/ Lounge chairs	
Flexible furniture	
Other	

FUNCTIONAL CRITERIA	
Small group studies	

PLUMBING	
Sinks	
Standard	
ADA	
Scullery	
Other	

ELECTRICAL	
Electrical Raceway	
110V, 20A, 1 Phase	x
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 (of X)	
Task Lighting	
Darkenable or Dimmable	
Special Lighting	
Natural Daylight Preferred or	x

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

ADJACENCY CRITERIA	
Primary Adjacency	
Secondary Adjacency	

PERFORMANCE REQUIREMENTS	
NC Acoustical Criteria	40-45
Acoustical Panels	
Privacy Criteria	
STC Rating	

AV	
Distance Learning	
Video Conferencing	x
Projection Surface	
Flat screen Monitors	x
Power at Table	x
Data at Table	x
Lectern or Other	
Smartboard	
Speakers	

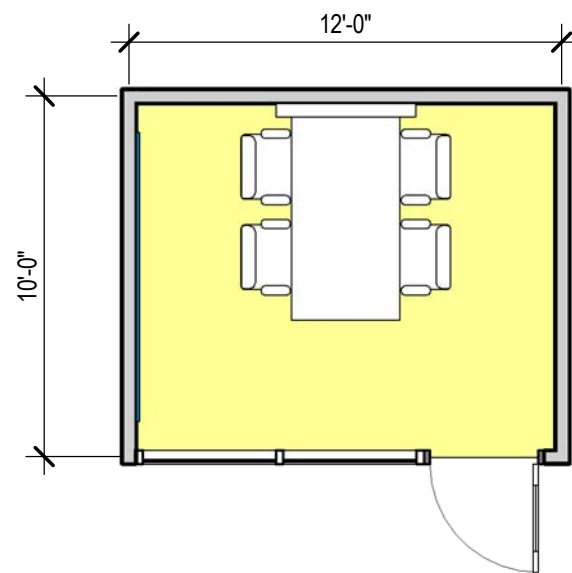
ARCHITECTURAL	
Walls/Partitions	
GWB, Paint	x
GWB, Epoxy Paint	
CMU, Paint	
Other	Glazed
Wall Protection	
Corner Guards	
Crash Rails	
Other	
Flooring	
Resilient/ Vinyl free tile	x
Resilient Sheet	
Concrete	
Resinous/ Epoxy	
Carpet	x
Other	
Base	
4" Rubber	
Integral w/floor	x
Ceiling	
Open	
Acoustic Tile	x
Gyp. Board	
Height	9'

Doors	
Size	
Type	Swing/Sliding
Operable Wall	
Vision Panel	x
Special Hardware or Seals	

SECURITY	
Locks	
Card Access	x

REMARKS:





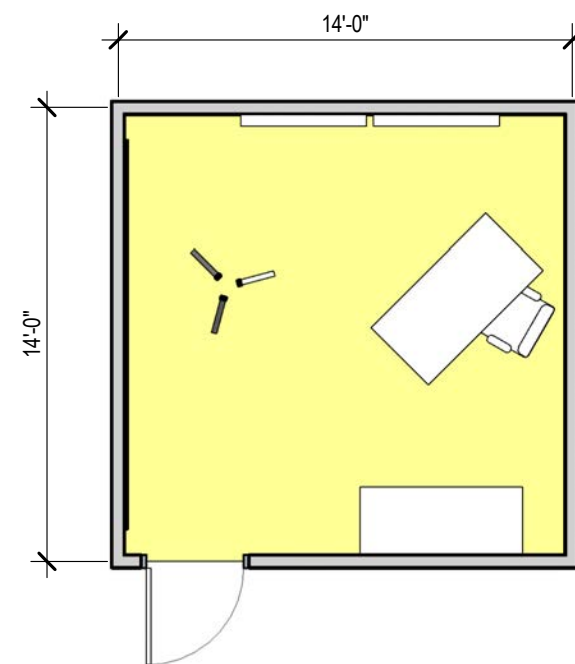
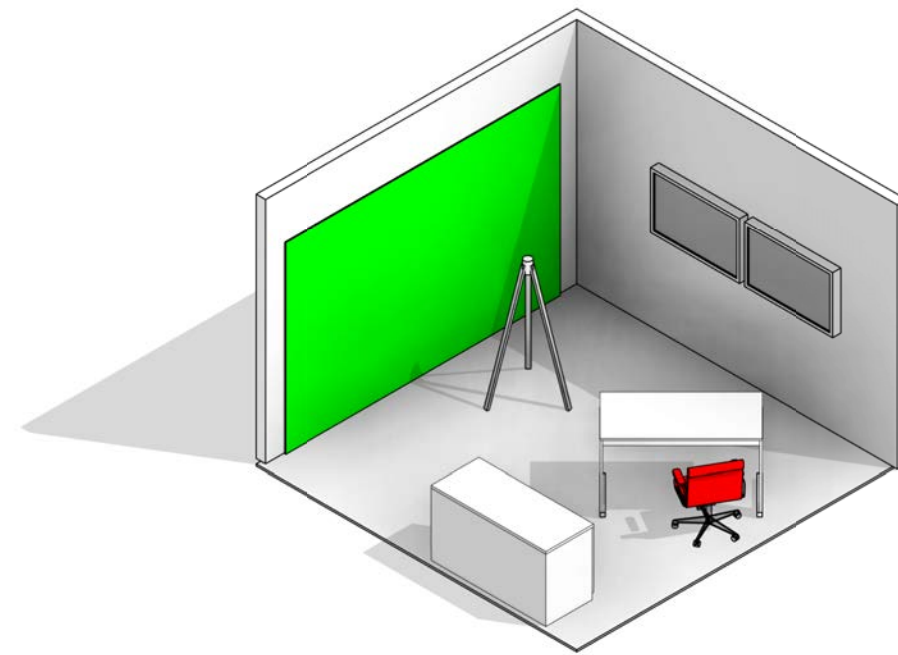
## A1-9 STUDENT STUDY/HUDDLE ROOMS

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

REMARKS:

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



## UTILIZATION

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

## PLUMBING

Sinks

Standard \_\_\_\_\_

ADA \_\_\_\_\_

Scullery \_\_\_\_\_

Other \_\_\_\_\_

AV

Distance Learning	x
Video Conferencing	x
Projection Surface	Green screen
Flat screen Monitors	x
Power at Table	x
Data at Table	x
Lectern or Other	x
Smartboard	
Speakers	x

SPACE OCCUPANYNo. Of Occupants \_\_\_\_\_MECHANICAL

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

ELECTRICAL

Electrical Raceway	
110V, 20A, 1 Phase	x
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	x
Special Lighting	
Natural Daylight Preferred or	x

ARCHITECTURAL

Walls/Partitions	
GWB, Paint	x
GWB, Epoxy Paint	
CMU, Paint	
Other	
Wall Protection	
Corner Guards	
Crash Rails	
Other	
Flooring	
Resilient/ Vinyl free tile	x
Resilient Sheet	
Concrete	
Resinous/ Epoxy	
Carpet	
Other	
Base	
4" Rubber	x
Integral w/floor	
Ceiling	
Open	
Acoustic Tile	x
Gyp. Board	
Height	9'

CASEWORK/MILLWORK/ FURNI

Space Type	
Private	x
Semi Private	
Open	
Public	
Tables w/ seating	x
Wall Cabinets or Shelves	
Sofa/ Lounge chairs	x
Flexible furniture	
Other	

## RE EQUIPMENT

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

### ADJACENCY CRITERIA

Primary Adjacency	<u>Large Classroom</u>
Secondary Adjacency	Library Commons

## FUNCTIONAL CRITERIA

Multipurpose room, conference  
distance learning, lecture prep  
podcast or multimedia recording

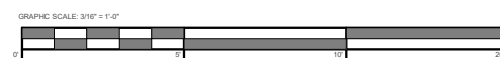
## PERFORMANCE REQUIREMENTS

NC Acoustical Criteria	25-30
Acoustical Panels	x
Privacy Criteria	
STC Rating	

## SECURITY

Locks	
Card Access	x

REMARKS:





A1-12

STUDENT ORGANIZATION STORAGE

PUBLIC & AMENITY

<b>UTILIZATION</b>	<b>PLUMBING</b>	<b>AV</b>
Hours of Operation	Sinks	Distance Learning
8 hours/day	Standard	Video Conferencing
14 hours/day	ADA	Projection Surface
24 hours/day	Scullery	Flat screen Monitors
	Other	Power at Table
		Data at Table
		Lectern or Other
		Smartboard
		Speakers
<b>SPACE OCCUPANY</b>		
No. Of Occupants		
<b>MECHANICAL</b>	<b>ELECTRICAL</b>	<b>ARCHITECTURAL</b>
Temperature	Electrical Raceway	Walls/Partitions
70°-75° ± 1°F	110V, 20A, 1 Phase	GWB, Paint
72°F ± 2°F	208V, 30A, 1 Phase	GWB, Epoxy Paint
Other	208V, 30A, 3 Phase	CMU, 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)	<b>LIGHTING</b>	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	30-60 fc at bench/desk (offices)	Concrete
Air Pressure Positive	Task Lighting	Resinous/ Epoxy
Air Pressure Negative	Darkenable or Dimmable	Carpet
Air Filtration at Supply or Exhaust	Special Lighting	Other
Other	Natural Daylight Preferred or	Base
		4" Rubber
<b>CASEWORK/MILLWORK/ FURNITURE</b>	<b>EQUIPMENT</b>	Integral w/floor
Space Type	Refrigerator	Ceiling
Private	Microwave	Open
Semi Private	Coffee Machine	Acoustic Tile
Open	Dishwasher	Gyp. Board
Public	Printer/ Scanner	Height
Tables w/ seating	Plotter	
Wall Cabinets or Shelves	Copier	Doors
Sofa/ Lounge chairs	Computers	Size
Flexible furniture	Other	Type
Other		Operable Wall
	<b>ADJACENCY CRITERIA</b>	Vision Panel
	Primary Adjacency	Special Hardware or Seals
	Secondary Adjacency	
<b>FUNCTIONAL CRITERIA</b>	<b>PERFORMANCE REQUIREMENTS</b>	<b>SECURITY</b>
prayer/ quiet room	NC Acoustical Criteria	Locks
	Acoustical Panels	Card Access
	Privacy Criteria	
	STC Rating	

REMARKS:

A1-13

WELLNESS/QUIET ROOMS

PUBLIC & AMENITY

<b>UTILIZATION</b>	<b>PLUMBING</b>	<b>AV</b>
Hours of Operation	Sinks	Distance Learning
8 hours/day	Standard	Video Conferencing
14 hours/day	ADA	Projection Surface
24 hours/day	Scullery	Flat screen Monitors
	Other	Power at Table
		Data at Table
		Lectern or Other
		Smartboard
		Speakers
<b>SPACE OCCUPANY</b>		
No. Of Occupants		
<b>MECHANICAL</b>	<b>ELECTRICAL</b>	<b>ARCHITECTURAL</b>
Temperature	Electrical Raceway	Walls/Partitions
70°-75° ± 1°F	110V, 20A, 1 Phase	GWB, Paint
72°F ± 2°F	208V, 30A, 1 Phase	GWB, Epoxy Paint
Other	208V, 30A, 3 Phase	CMU, 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)	<b>LIGHTING</b>	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	30-60 fc at bench/desk (offices)	Concrete
Air Pressure Positive	Task Lighting	Resinous/ Epoxy
Air Pressure Negative	Darkenable or Dimmable	Carpet
Air Filtration at Supply or Exhaust	Special Lighting	Other
Other	Natural Daylight Preferred or	Base
		4" Rubber
<b>CASEWORK/MILLWORK/ FURNITURE</b>	<b>EQUIPMENT</b>	Integral w/floor
Space Type	Refrigerator	Ceiling
Private	Microwave	Open
Semi Private	Coffee Machine	Acoustic Tile
Open	Dishwasher	Gyp. Board
Public	Printer/ Scanner	Height
Tables w/ seating	Plotter	Doors
Wall Cabinets or Shelves	Copier	Size
Sofa/ Lounge chairs	Computers	Type
Flexible furniture	Other	Operable Wall
Other		Vision Panel
	<b>ADJACENCY CRITERIA</b>	Special Hardware or Seals
	Primary Adjacency	
	Secondary Adjacency	
<b>FUNCTIONAL CRITERIA</b>	<b>PERFORMANCE REQUIREMENTS</b>	<b>SECURITY</b>
Lactation room, prayer/ quiet room	NC Acoustical Criteria	Locks
	Acoustical Panels	Card Access
	Privacy Criteria	
	STC Rating	

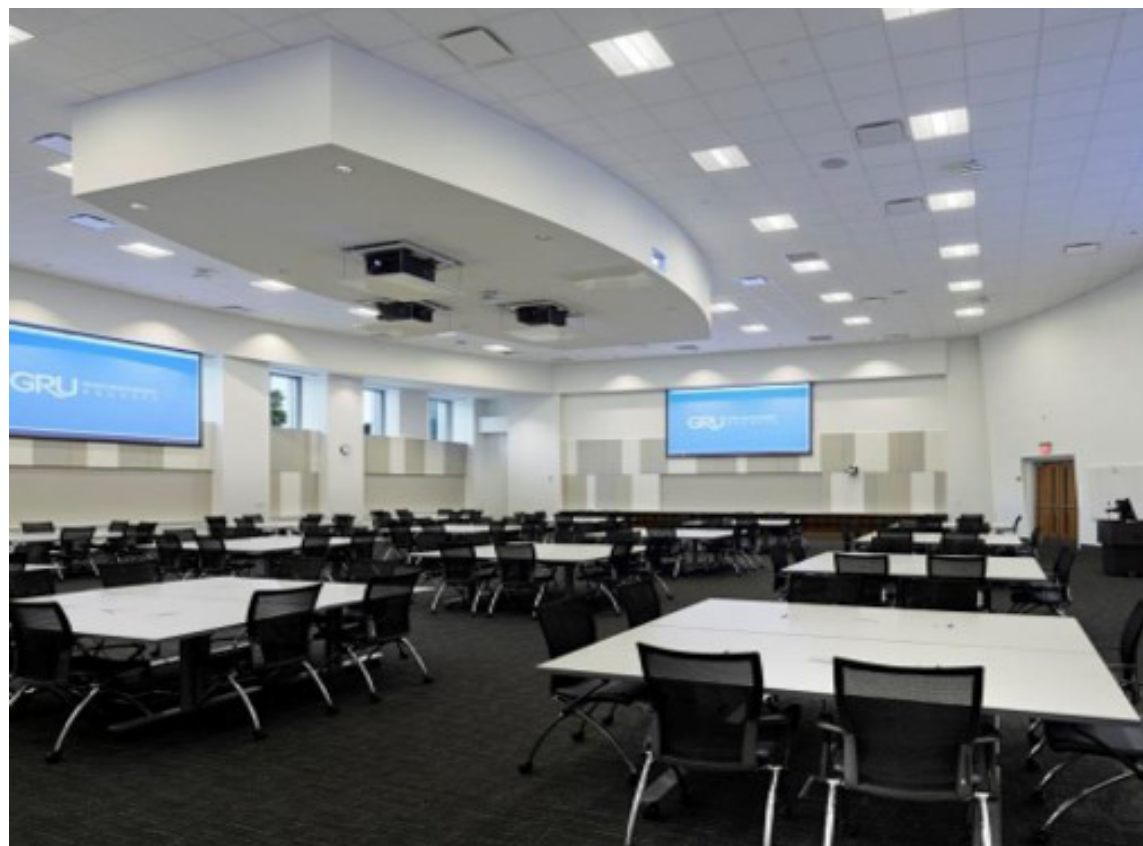
REMARKS:

**A1-14**  
**LACTATION ROOM**  
PUBLIC & AMENITY

<b>UTILIZATION</b>		<b>PLUMBING</b>		<b>AV</b>	
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	
				Lectern or Other	
				Smartboard	
				Speakers	
<b>SPACE OCCUPANY</b>		<b>ELECTRICAL</b>		<b>ARCHITECTURAL</b>	
No. Of Occupants		Electrical Raceway		Walls/Partitions	
		110V, 20A, 1 Phase	x	GWB, Paint	x
		208V, 30A, 1 Phase		GWB, Epoxy Paint	
		208V, 30A, 3 Phase		CMU, Paint	
		480V, 100A, 3 Phase		Other	
		Emergency/ Standby Power		Wall Protection	
		UPS (OFOI)		Corner Guards	
		Other		Crash Rails	
				Other	
				Flooring	
				Resilient/ Vinyl free tile	x
				Resilient Sheet	
				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
				Operable Wall	
				Vision Panel	x
				Special Hardware or Seals	
<b>FUNCTIONAL CRITERIA</b>		<b>PERFORMANCE REQUIREMENTS</b>		<b>SECURITY</b>	
Lactation room, prayer/ quiet room		NC Acoustical Criteria		Locks	
		Acoustical Panels		Card Access	x
		Privacy Criteria			
		STC Rating			

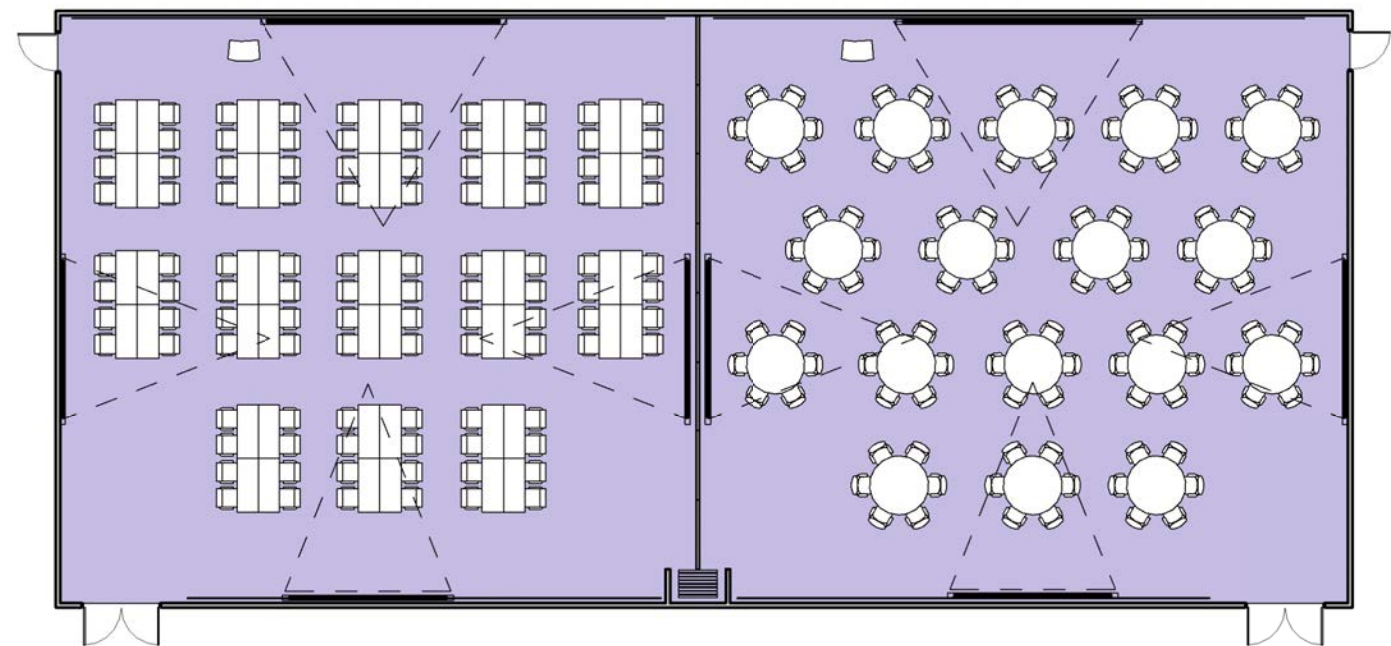
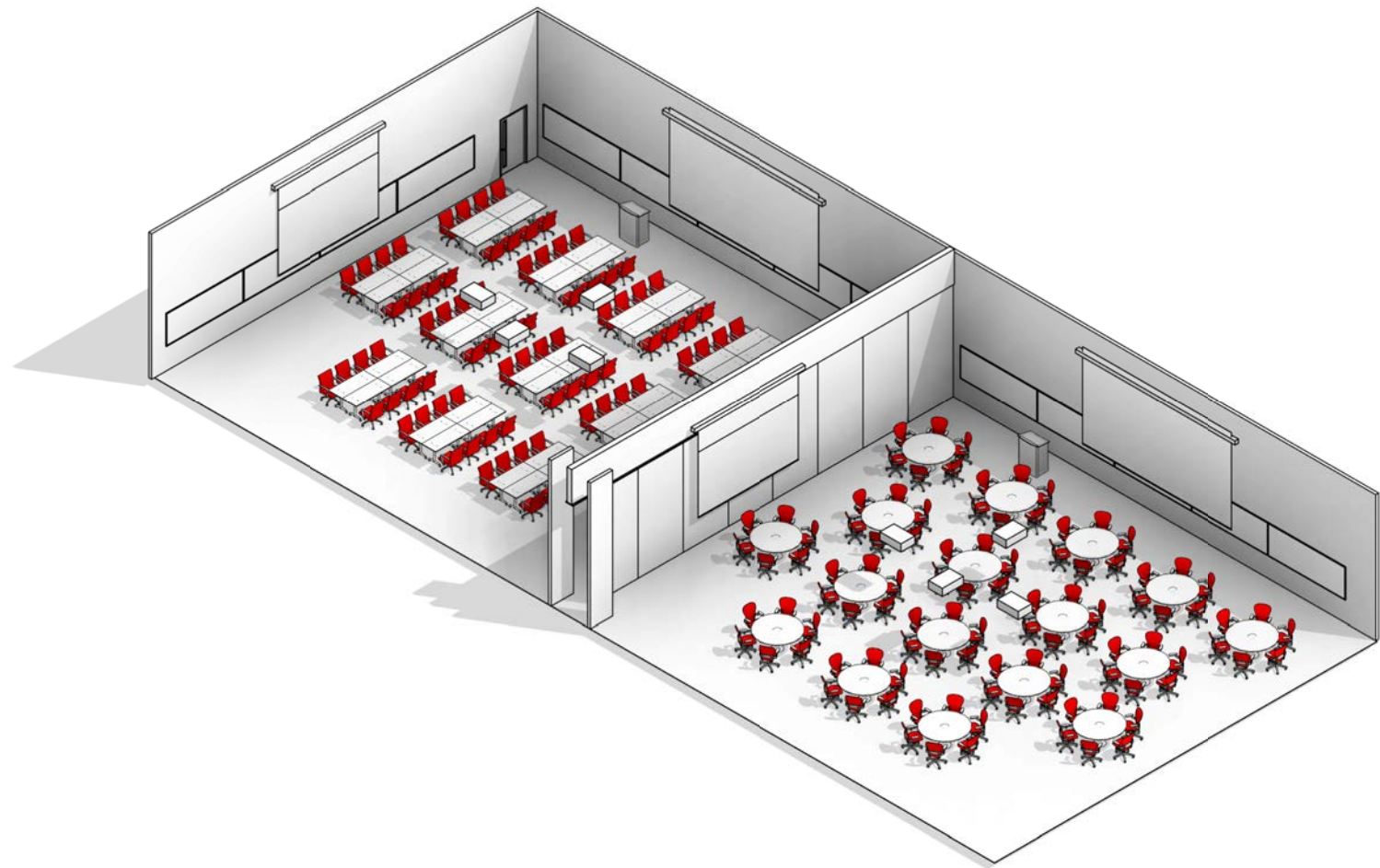
REMARKS:	
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## B - CLASSROOMS & TEACHING LABS





## B1-1 LARGE FLAT CLASSROOM

### CLASSROOMS & TEACHING LABS

#### UTILIZATION

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

#### CLASSROOM OCCUPANCY

No. Of Occupants	100/200
------------------	---------

#### MECHANICAL

Temperature	
68°-75° ± 2°F	
72°F ± 2°F	X
Other	
Humidity	
50%- 25%± 5%	
Uncontrolled	
Other < 50%	
15 ACH (Min)	
10 ACH (Min)	
6 ACH (Min)	
100% Make-up Air	
Recirculated Air	X
Air Pressure Positive	X
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	X
Lateral File Cabinets	
2 drawer	
3 drawer	
Vertical File Cabinets	
2 drawer	
3 drawer	
Bookcases	
Conference Table	
Markerboard	X
Tackboard	

#### PLUMBING

Sinks	
Standard	
ADA	
Scullery	
Other	

#### ELECTRICAL

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

#### LIGHTING

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

#### EQUIPMENT

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

#### ADJACENCY CRITERIA

Primary Adjacency	Prefunction Space
Secondary Adjacency	Seminar rooms

#### PERFORMANCE REQUIREMENTS

NC Acoustical Criteria	25
Acoustical Panels	60% coverage
Privacy Criteria	
Testing	Yes
Other Criteria	

#### AV

Distance Learning	X
Video Conferencing	X
Projection Surface	X
Flat screen Monitors	X
Power at Table	X
Data at Table	
Lectern or Other	X
Smartboard	

#### ARCHITECTURAL

Walls/Partitions	
GWB, Paint	X
GWB, Epoxy Paint	
Other	
Wall Protection	
Corner Guards	
Crash Rails	
Other	
Flooring	
Resilient/ Vinyl free tile	
Resilient Sheet	
Concrete	
Rubber	X
Carpet	
Other	
Base	
4" Rubber	X
Integral w/floor	
Ceiling	
Open	
Acoustic Tile	
Gyp. Board	
Height	12' min
Doors	
Size	
Type	
Operable Wall	Vertical
Vision Panel	
Special Hardware or Sea	Acoustic seals

#### SECURITY

Locks	X
Card Access	

#### REMARKS:

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.

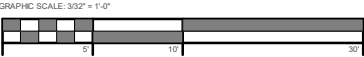
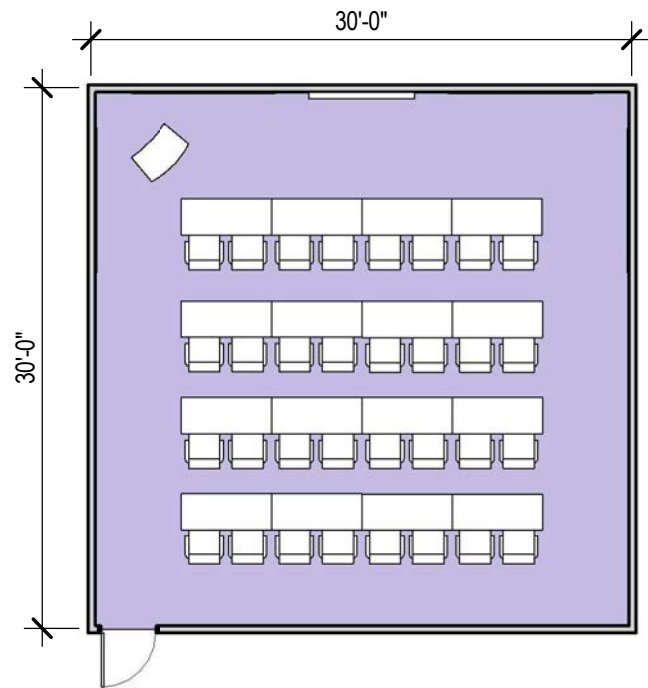
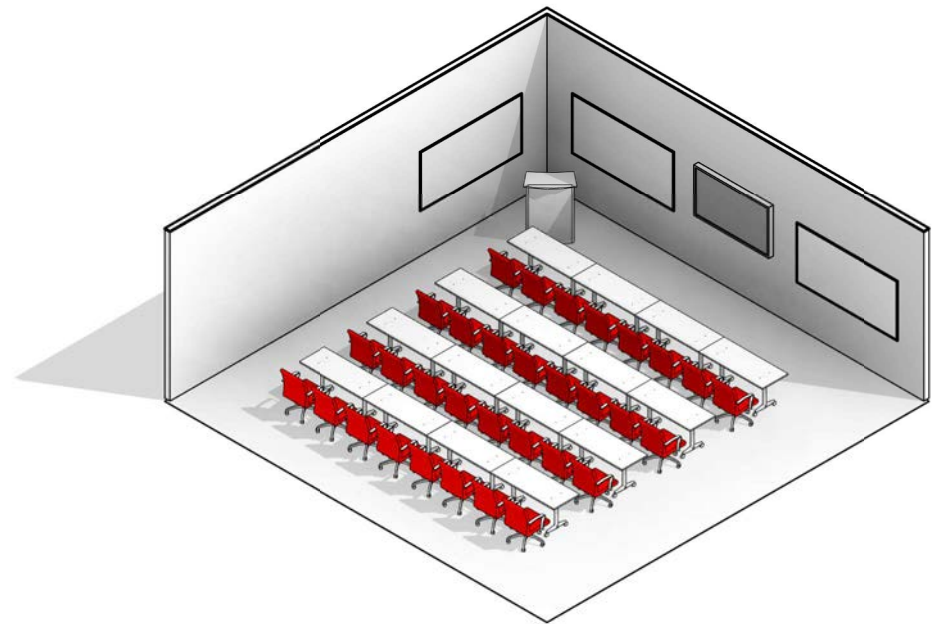






Other Criteria	
<b>REMARKS:</b>	<p>One large 128p space that divides into two 64p spaces. Configure to allow multiple furniture layouts- active learning and TEAL enabled. Markerboards should not be covered by projection screen. Data - wireless.</p> <p>Consider power from floor. Ability to audio/video simulcast to and from all other classrooms/ meeting and debriefing rooms.</p>

B1-6  
SMALL CLASSROOM  
CLASSROOMS & TEACHING LABS



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

CLASSROOM OCCUPANCY	
No. Of Occupants	30

MECHANICAL	
Temperature	
68°-75° ± 2°F	
72°F ± 2°F	X
Other	
Humidity	
50%- 25%± 5%	X
Uncontrolled	
Other < 50%	
15 ACH (Min)	
10 ACH (Min)	
6 ACH (Min)	
100% Make-up Air	
Recirculated Air	X
Air Pressure Positive	X
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	X
Lateral File Cabinets	
2 drawer	
3 drawer	
Vertical File Cabinets	
2 drawer	
3 drawer	
Bookcases	
Conference Table	
Markerboard	X
Tackboard	

PLUMBING	
Sinks	
Standard	
ADA	
Scullyery	
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 (office)	X
Task Lighting	
Darkenable or Dimmable	X
Special Lighting	
Natural Daylight Preferred or not	X

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

ADJACENCY CRITERIA	
Primary Adjacency	
Secondary Adjacency	

PERFORMANCE REQUIREMENTS	
NC Acoustical Criteria	35-40
Acoustical Panels	X
Privacy Criteria	
Testing Criteria	
Other Criteria	

AV	
Distance Learning	
Video Conferencing	X
Projection Surface	
Flat screen Monitors	X
Power at Table	X
Data at Table	X
Lectern or Other	X
Smartboard	

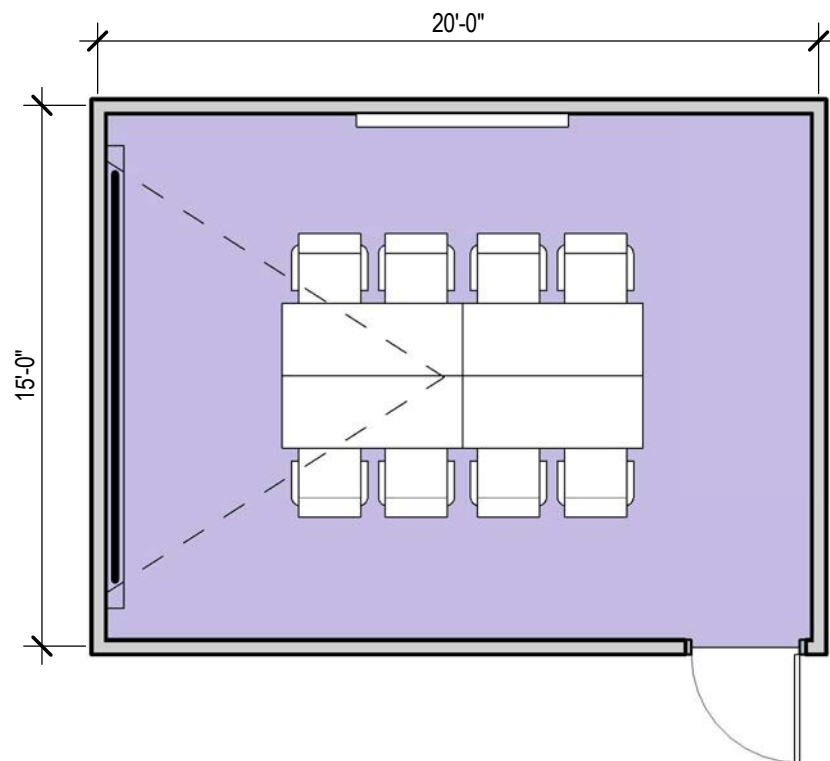
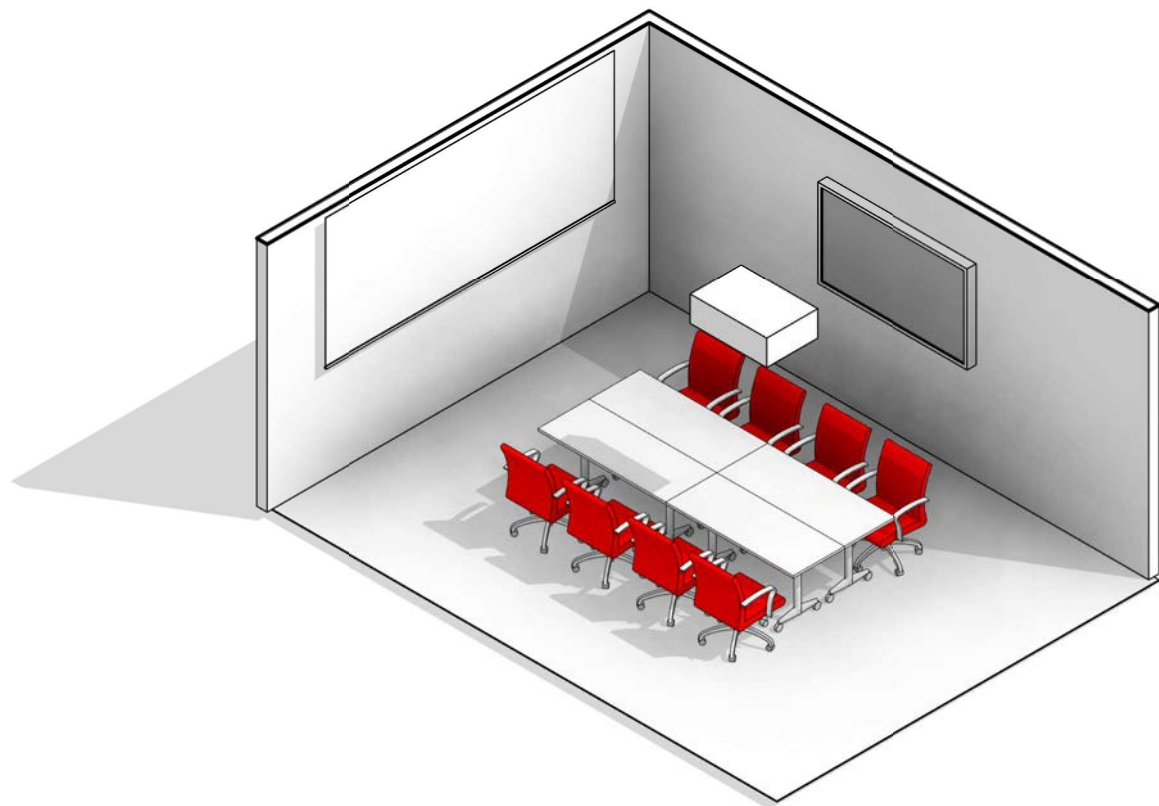
ARCHITECTURAL	
Walls/Partitions	
GWB, Paint	X
GWB, Epoxy Paint	
Other	
Wall Protection	
Corner Guards	
Crash Rails	
Other	
Flooring	
Resilient/ Vinyl free tile	
Resilient Sheet	
Concrete	
Rubber	X
Carpet	
Other	
Base	
4" Rubber	
Integral w/floor	
Ceiling	
Open	
Acoustic Tile	X
Gyp. Board	
Height	11'

Doors	
Size	
Type	
Operable Wall	
Vision Panel	X
Special Hardware or Seals	

SECURITY	
Locks	X
Card Access	

REMARKS:





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

### UTILIZATION

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

### CLASSROOM OCCUPANCY

No. Of Occupants	10
------------------	----

### MECHANICAL

Temperature	
68°-75° ± 2°F	
72°F ± 2°F	X
Other	
Humidity	
50%- 25%± 5%	X
Uncontrolled	
Other < 50%	
15 ACH (Min)	
10 ACH (Min)	
6 ACH (Min)	
100% Make-up Air	
Recirculated Air	X
Air Pressure Positive	X
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	X
Lateral File Cabinets	
2 drawer	
3 drawer	
Vertical File Cabinets	
2 drawer	
3 drawer	
Bookcases	
Conference Table	
Markerboard	X
Tackboard	

### PLUMBING

Sinks	
Standard	
ADA	
Scullyery	
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)	X
Task Lighting	
Darkenable or Dimmable	X
Special Lighting	
Natural Daylight Preferred or not	X

### EQUIPMENT

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

### ADJACENCY CRITERIA

Primary Adjacency	
Secondary Adjacency	

### PERFORMANCE REQUIREMENTS

NC Acoustical Criteria	35-40
Acoustical Panels	X
Privacy Criteria	
Testing Criteria	
Other Criteria	

### AV

Distance Learning	
Video Conferencing	X
Projection Surface	
Flat screen Monitors	X
Power at Table	X
Data at Table	X
Lectern or Other	X
Smartboard	

### ARCHITECTURAL

Walls/Partitions	
GWB, Paint	X
GWB, Epoxy Paint	
Other	
Wall Protection	
Corner Guards	
Crash Rails	
Other	
Flooring	
Resilient/ Vinyl free tile	
Resilient Sheet	
Concrete	
Rubber	X
Carpet	
Other	
Base	
4" Rubber	
Integral w/floor	
Ceiling	
Open	
Acoustic Tile	X
Gyp. Board	
Height	10'
Doors	
Size	
Type	
Operable Wall	
Vision Panel	X
Special Hardware or Seals	

### SECURITY

Locks	X
Card Access	

### REMARKS:

B1-8

CLASSROOM STORAGE

CLASSROOMS & TEACHING LABS

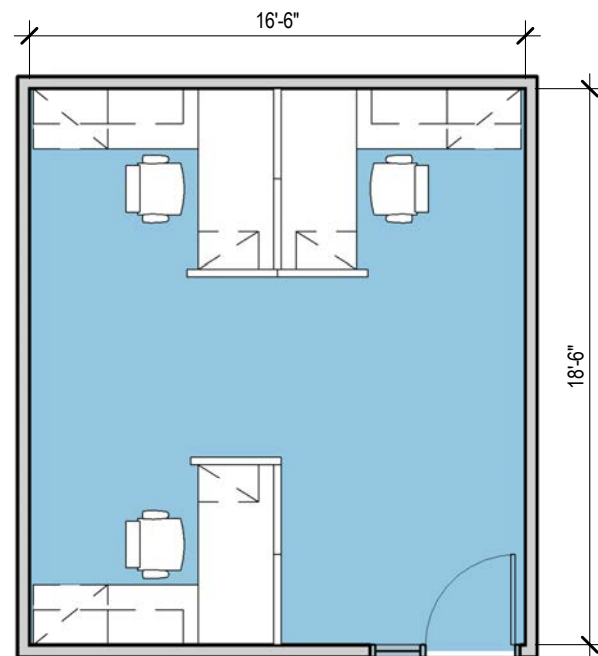
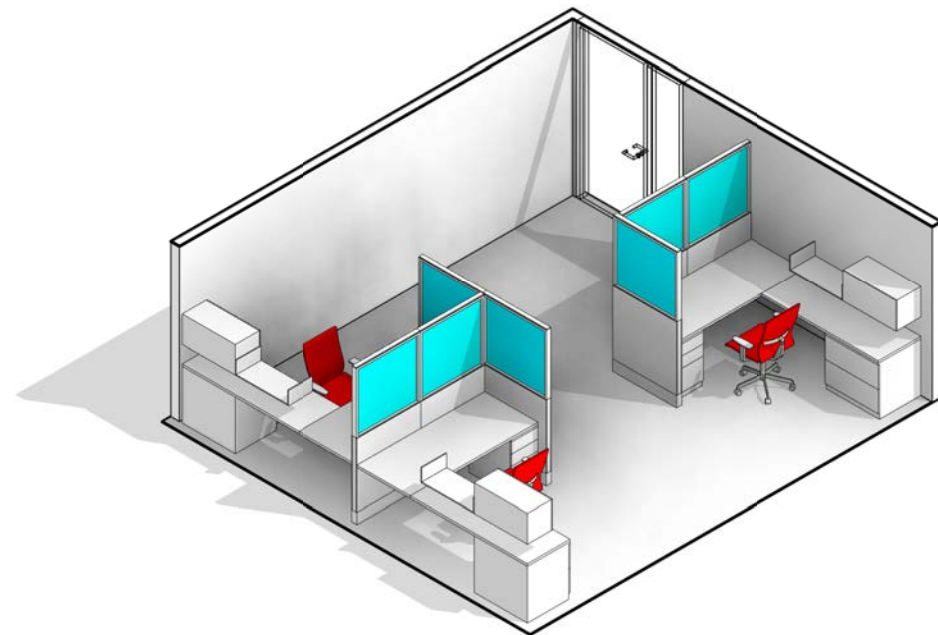
<b>UTILIZATION</b>		<b>PLUMBING</b>		<b>AV</b>	
Hours of Operation		Sinks		Distance Learning	
8 hours/day		Standard		Video Conferencing	
14 hours/day		ADA		Projection Surface	
24 hours/day	X	Scullery		Flat screen Monitors	
		Other		Power at Table	
				Data at Table	
				Lectern or Other	
				Smartboard	
<b>CLASSROOM OCCUPANY</b>					
No. Of Occupants					
<b>MECHANICAL</b>		<b>ELECTRICAL</b>		<b>ARCHITECTURAL</b>	
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%		Emergency/ Standby Power		Corner Guards	
Uncontrolled		UPS (OFOI)		Crash Rails	
Other < 50%		Other		Other	
15 ACH (Min)				Flooring	
10 ACH (Min)		<b>LIGHTING</b>		Resilient/ Vinyl free tile	X
6 ACH (Min)		Lighting Level		Resilient Sheet	
100% Make-up Air		80-100 fc at bench/desk (labs)		Concrete	
Recirculated Air	X	30-60 fc at bench/desk (offices)		Rubber	
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 or not		4" Rubber	X
				Integral w/floor	
<b>CASEWORK/MILLWORK/ FURNITURE</b>		<b>EQUIPMENT</b>		Ceiling	
Space Type		Refrigerator		Open	
Private		Microwave		Acoustic Tile	
Semi Private		Coffee Machine		Gyp. Board	
Open		Dishwasher		Height	
Guest Seating		Printer/ Scanner			
Table w/ seating for 2-3		Plotter		Doors	
Wall Cabinets or Shelves		Copier		Size	
Sofa/ Lounge chair		Computers		Type	
Flexible Furniture		Other		Operable Wall	
Lateral File Cabinets				Vision Panel	
2 drawer		<b>ADJACENCY CRITERIA</b>		Special Hardware or Seals	
3 drawer		Primary Adjacency	Large Classroom		
Vertical File Cabinets		Secondary Adjacency	Medium Classroom		
2 drawer					
3 drawer		<b>PERFORMANCE REQUIREMENTS</b>		<b>SECURITY</b>	
Bookcases		NC Acoustical Criteria		Locks	X
Conference Table		Acoustical Panels		Card Access	
Markerboard		Privacy Criteria			
Tackboard		Testing Criteria			
		Other Criteria			
<b>REMARKS:</b>					

B1-9

IT SPACE

CLASSROOMS & TEACHING LABS

<b>UTILIZATION</b>		<b>PLUMBING</b>		<b>AV</b>	
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	
				Lectern or Other	
				Smartboard	
<b>CLASSROOM OCCUPANY</b>					
No. Of Occupants					
<b>MECHANICAL</b>		<b>ELECTRICAL</b>		<b>ARCHITECTURAL</b>	
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%		Emergency/ Standby Power		Corner Guards	
Uncontrolled		UPS (OFOI)		Crash Rails	
Other < 50%		Other		Other	
15 ACH (Min)				Flooring	
10 ACH (Min)		<b>LIGHTING</b>		Resilient/ Vinyl free tile	X
6 ACH (Min)		Lighting Level		Resilient Sheet	
100% Make-up Air		80-100 fc at bench/desk (labs)		Concrete	
Recirculated Air	X	30-60 fc at bench/desk (offices)		Rubber	
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		4" Rubber	X
				Integral w/floor	
<b>CASEWORK/MILLWORK/ FURNITURE</b>		<b>EQUIPMENT</b>		Ceiling	
Space Type		Refrigerator		Open	
Private		Microwave		Acoustic Tile	
Semi Private		Coffee Machine		Gyp. Board	
Open		Dishwasher		Height	
Guest Seating		Printer/ Scanner			
Table w/ seating for 2-3		Plotter		Doors	
Wall Cabinets or Shelves		Copier		Size	
Sofa/ Lounge chair		Computers		Type	
Flexible Furniture		Other	Servers	Operable Wall	
Lateral File Cabinets				Vision Panel	
2 drawer		<b>ADJACENCY CRITERIA</b>		Special Hardware or Seals	
3 drawer		Primary Adjacency	Large Classroom		
Vertical File Cabinets		Secondary Adjacency	Medium Classroom		
2 drawer					
3 drawer		<b>PERFORMANCE REQUIREMENTS</b>		<b>SECURITY</b>	
Bookcases		NC Acoustical Criteria		Locks	
Conference Table		Acoustical Panels		Card Access	X
Markerboard		Privacy Criteria			
Tackboard		Testing Criteria			
		Other Criteria			
<b>REMARKS:</b>					



## B2-1 DRUG INFORMATION CENTER CLASSROOMS & TEACHING LABS

### UTILIZATION

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

### CLASSROOM OCCUPANCY

No. Of Occupants	3
------------------	---

### MECHANICAL

Temperature	
68°-75° ± 2°F	
72°F ± 2°F	X
Other	
Humidity	
50%- 25%± 5%	X
Uncontrolled	
Other < 50%	
15 ACH (Min)	
10 ACH (Min)	
6 ACH (Min)	
100% Make-up Air	
Recirculated Air	X
Air Pressure Positive	X
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	X
Lateral File Cabinets	
2 drawer	
3 drawer	
Vertical File Cabinets	
2 drawer	
3 drawer	
Bookcases	
Conference Table	
Markerboard	X
Tackboard	

### PLUMBING

Sinks	
Standard	
ADA	
Scullyery	
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)	X
Task Lighting	
Darkenable or Dimmable	X
Special Lighting	
Natural Daylight Preferred or not	X

### EQUIPMENT

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

### ADJACENCY CRITERIA

Primary Adjacency	
Secondary Adjacency	

### PERFORMANCE REQUIREMENTS

NC Acoustical Criteria	35-40
Acoustical Panels	X
Privacy Criteria	
Testing Criteria	
Other Criteria	

### AV

Distance Learning	
Video Conferencing	X
Projection Surface	
Flat screen Monitors	X
Power at Table	X
Data at Table	X
Lectern or Other	
Smartboard	

### ARCHITECTURAL

Walls/Partitions	
GWB, Paint	X
GWB, Epoxy Paint	
Other	
Wall Protection	
Corner Guards	
Crash Rails	
Other	
Flooring	
Resilient/ Vinyl free tile	
Resilient Sheet	
Concrete	
Rubber	X
Carpet	
Other	
Base	
4" Rubber	
Integral w/floor	
Ceiling	
Open	
Acoustic Tile	X
Gyp. Board	
Height	10'
Doors	
Size	
Type	
Operable Wall	
Vision Panel	X
Special Hardware or Seals	

### SECURITY

Locks	X
Card Access	

### REMARKS:



**B2-2**  
**COMPOUNDING LAB**  
CLASSROOMS & TEACHING LABS

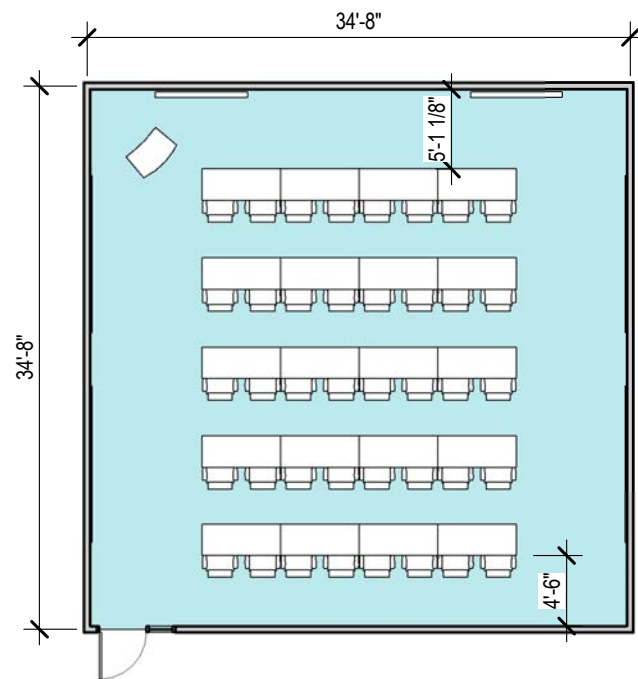
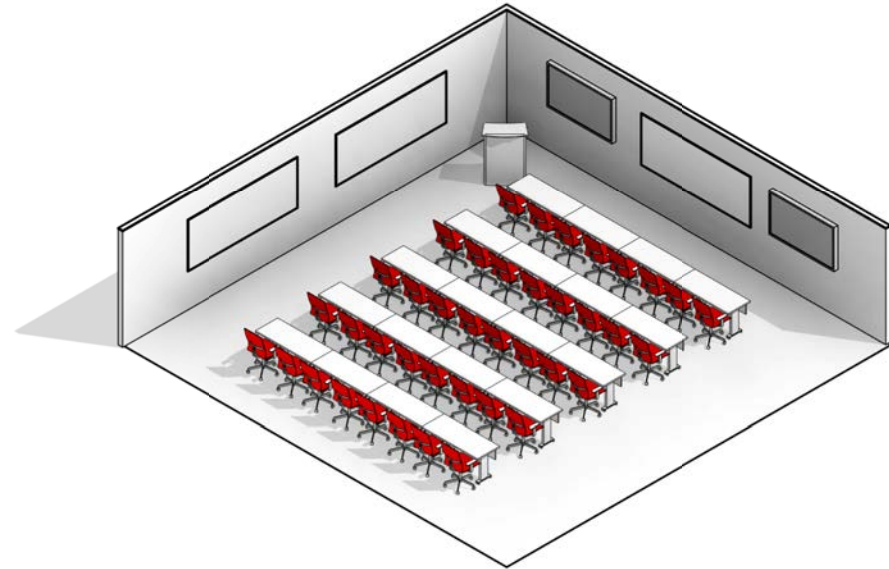
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REMARKS:	
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**B2-3**  
**STERILE COMPOUNDS LAB**  
CLASSROOMS & TEACHING LABS

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

REMARKS:



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

**UTILIZATION**

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

**CLASSROOM OCCUPANCY**

No. Of Occupants	40
------------------	----

**MECHANICAL**

Temperature	
68°-75° ± 2°F	
72°F ± 2°F	X
Other	
Humidity	
50%- 25%± 5%	X
Uncontrolled	
Other < 50%	
15 ACH (Min)	
10 ACH (Min)	
6 ACH (Min)	
100% Make-up Air	
Recirculated Air	X
Air Pressure Positive	X
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	X
Lateral File Cabinets	
2 drawer	
3 drawer	
Vertical File Cabinets	
2 drawer	
3 drawer	
Bookcases	
Conference Table	
Markerboard	X
Tackboard	

**PLUMBING**

Sinks	
Standard	
ADA	
Scullery	
Other	

**ELECTRICAL**

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

**LIGHTING**

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

**EQUIPMENT**

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

**ADJACENCY CRITERIA**

Primary Adjacency	
Secondary Adjacency	

**PERFORMANCE REQUIREMENTS**

NC Acoustical Criteria	35-40
Acoustical Panels	X
Privacy Criteria	
Testing Criteria	Yes
Other Criteria	

**AV**

Distance Learning	X
Video Conferencing	X
Projection Surface	X
Flat screen Monitors	X
Power at Table	X
Data at Table	
Lectern or Other	X
Smartboard	

**ARCHITECTURAL**

Walls/Partitions	
GWB, Paint	X
GWB, Epoxy Paint	
Other	
Wall Protection	
Corner Guards	
Crash Rails	
Other	
Flooring	
Resilient/ Vinyl free tile	
Resilient Sheet	
Concrete	
Rubber	X
Carpet	
Other	
Base	
4" Rubber	
Integral w/floor	
Ceiling	
Open	
Acoustic Tile	X
Gyp. Board	
Height	11'-0" min.
Doors	
Size	
Type	
Operable Wall	
Vision Panel	
Special Hardware or Seal	Acoustic seals

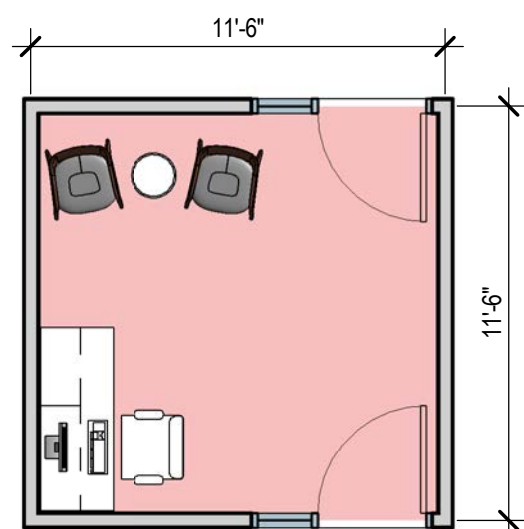
**SECURITY**

Locks	X
Card Access	

**REMARKS:**





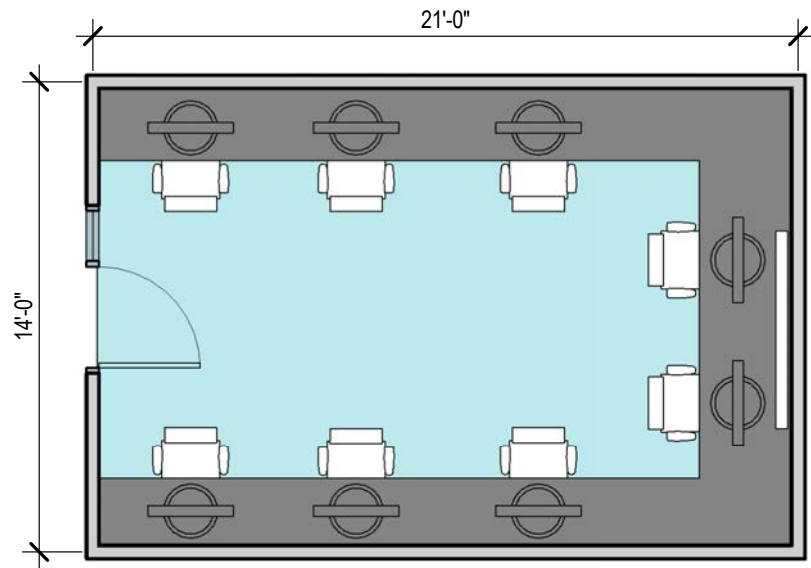
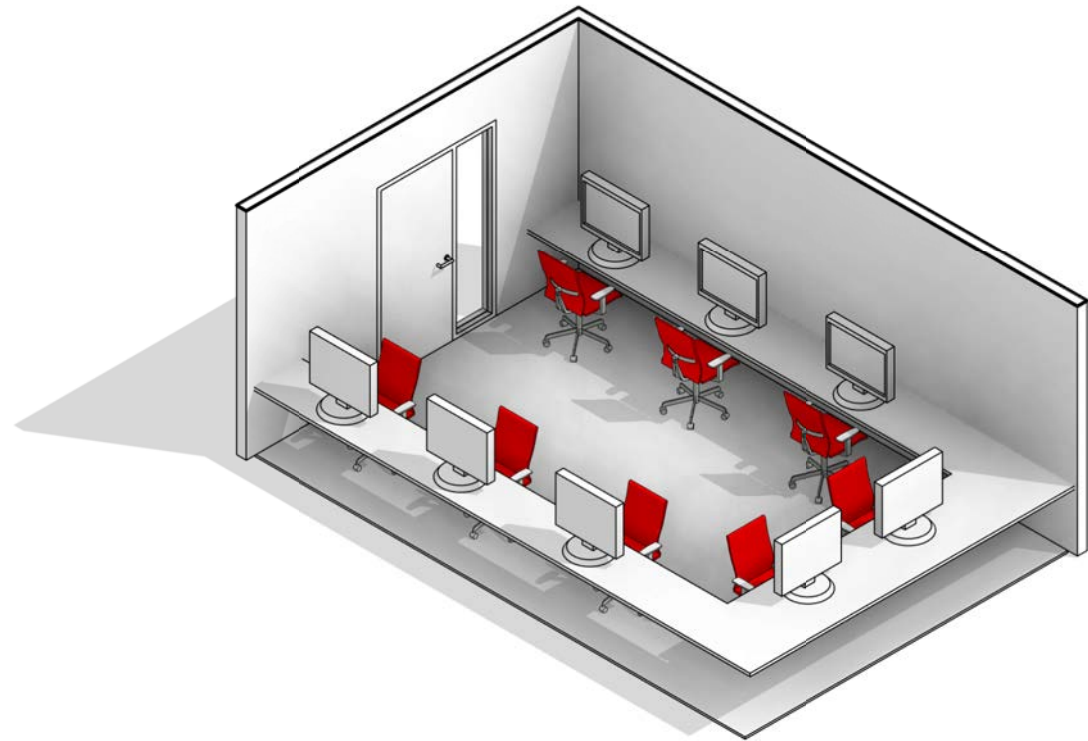


**B2-7**  
**ENCOUNTER ROOM**  
CLASSROOMS & TEACHING LABS

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REMARKS:

B2-8  
CONTROL ROOM  
CLASSROOMS & TEACHING LABS



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

CLASSROOM OCCUPANCY	
No. Of Occupants	7

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

CASEWORK/MILLWORK/ FURNITURE	
Space Type	
Private	X
Semi Private	
Open	
Guest Seating	X
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
Tackboard	

PLUMBING	
Sinks	
Standard	
ADA	
Scullery	
Other	

ELECTRICAL	
Electrical Raceway	
110V, 20A, 1 Phase	X
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)	X
Task Lighting	
Darkenable or Dimmable	X
Special Lighting	
Natural Daylight Preferred or not	X

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

ADJACENCY CRITERIA	
Primary Adjacency	
Secondary Adjacency	

PERFORMANCE REQUIREMENTS	
NC Acoustical Criteria	35-40
Acoustical Panels	X
Privacy Criteria	
Testing Criteria	
Other Criteria	

AV	
Distance Learning	
Video Conferencing	X
Projection Surface	
Flat screen Monitors	X
Power at Table	X
Data at Table	X
Lectern or Other	
Smartboard	

ARCHITECTURAL	
Walls/Partitions	
GWB, Paint	X
GWB, Epoxy Paint	
Other	
Wall Protection	
Corner Guards	
Crash Rails	
Other	
Flooring	
Resilient/ Vinyl free tile	
Resilient Sheet	
Concrete	
Rubber	X
Carpet	
Other	
Base	
4" Rubber	
Integral w/floor	
Ceiling	
Open	
Acoustic Tile	X
Gyp. Board	
Height	10'

Doors	
Size	
Type	
Operable Wall	
Vision Panel	X
Special Hardware or Seals	

SECURITY	
Locks	X
Card Access	

REMARKS:

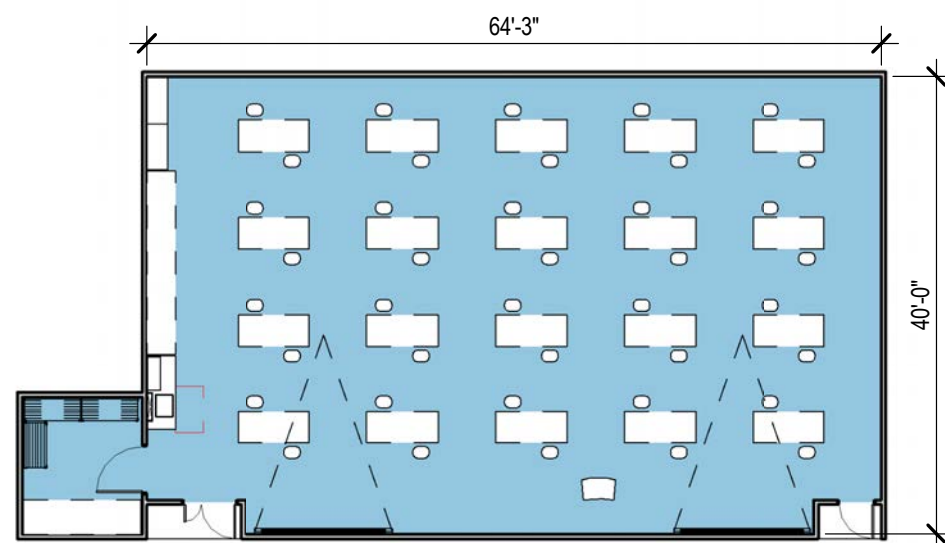
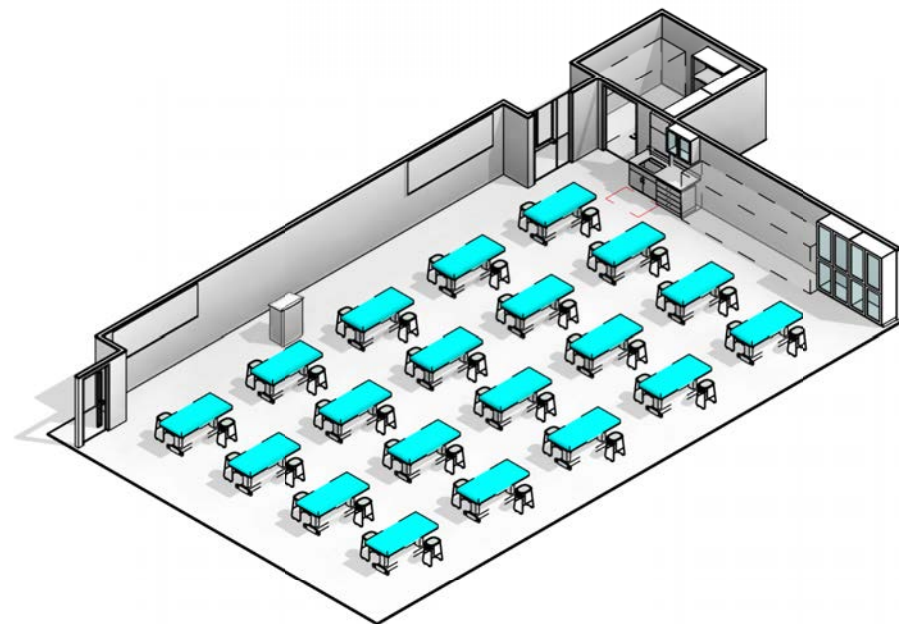
## B2-9 STORAGE

## CLASSROOMS & CLASSROOM SUPPORT

<b>UTILIZATION</b>		<b>PLUMBING</b>		<b>AV</b>	
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	
<b>CLASSROOM OCCUPANY</b>				Data at Table	
No. Of Occupants				Lectern or Other	
				Smartboard	
<b>MECHANICAL</b>		<b>ELECTRICAL</b>		<b>ARCHITECTURAL</b>	
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%		Emergency/ Standby Power		Corner Guards	
Uncontrolled		UPS (OFOI)		Crash Rails	
Other < 50%		Other		Other	
15 ACH (Min)		<b>LIGHTING</b>		Flooring	
10 ACH (Min)		Lighting Level		Resilient/ Vinyl free tile	X
6 ACH (Min)		80-100 fc at bench/desk (labs)		Resilient Sheet	
100% Make-up Air		30-60 fc at bench/desk (offices)		Concrete	
Recirculated Air	X	Task Lighting		Rubber	
Air Pressure Positive	X	Darkenable or Dimmable		Carpet	
Air Pressure Negative		Special Lighting		Other	
Air Filtration at Supply or Exhaust		Natural Daylight Preferred or not		Base	
Other				4" Rubber	X
<b>CASEWORK/MILLWORK/ FURNITURE</b>		<b>EQUIPMENT</b>		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		Type	
Lateral File Cabinets				Operable Wall	
2 drawer		<b>ADJACENCY CRITERIA</b>		Vision Panel	
3 drawer		Primary Adjacency	Large Classroom	Special Hardware or Seals	
Vertical File Cabinets		Secondary Adjacency	Medium Classroom		
2 drawer		<b>PERFORMANCE REQUIREMENTS</b>		<b>SECURITY</b>	
3 drawer		NC Acoustical Criteria		Locks	
Bookcases		Acoustical Panels		Card Access	
Conference Table		Privacy Criteria			
Markerboard		Testing Criteria			
Tackboard		Other Criteria			
<b>REMARKS:</b>					



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

[illegible]

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

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## B2-12 OT STORAGE OCCUPATIONAL THERAPY

<b>UTILIZATION</b>		<b>PLUMBING</b>		<b>AV</b>	
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	
				Lectern or Other	
				Smartboard	
<b>CLASSROOM OCCUPANY</b>		<b>ELECTRICAL</b>		<b>ARCHITECTURAL</b>	
No. Of Occupants		Electrical Raceway		Walls/Partitions	
	_____	110V, 20A, 1 Phase		GWB, Paint	
		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	
<b>MECHANICAL</b>		<b>LIGHTING</b>		Resilient/ Vinyl free tile	
Temperature		Lighting Level		Resilient Sheet	
68°-75° ± 2°F	_____	80-100 fc at bench/desk (labs)		Concrete	
72°F ± 2°F	_____X_____	30-60 fc at bench/desk (offices)		Rubber	
Other	_____	Task Lighting		Carpet	
Humidity		Darkenable or Dimmable		Other	
50%- 25%± 5%	_____	Special Lighting		Base	
Uncontrolled	_____	Natural Daylight Preferred or not		4" Rubber	
Other < 50%	_____			Integral w/floor	
15 ACH (Min)	_____			Ceiling	
10 ACH (Min)	_____			Open	
6 ACH (Min)	_____			Acoustic Tile	
100% Make-up Air	_____			Gyp. Board	
Recirculated Air	_____X_____			Height	
Air Pressure Positive	_____X_____			Doors	
Air Pressure Negative	_____			Size	
Air Filtration at Supply or Exhaust	_____			Type	
Other	_____			Operable Wall	
				Vision Panel	
				Special Hardware or Seals	
<b>CASEWORK/MILLWORK/ FURNITURE</b>		<b>EQUIPMENT</b>		<b>SECURITY</b>	
Space Type		Refrigerator		Locks	
Private		Microwave		Card Access	
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		Other			
Lateral File Cabinets					
2 drawer					
3 drawer					
Vertical File Cabinets					
2 drawer					
3 drawer					
Bookcases					
Conference Table					
Markerboard					
Tackboard					
<b>REMARKS:</b>		<b>ADJACENCY CRITERIA</b>			
		Primary Adjacency		OT lab Year 1	
		Secondary Adjacency		OT Lab Year 2	
		<b>PERFORMANCE REQUIREMENTS</b>			
		NC Acoustical Criteria			
		Acoustical Panels			
		Privacy Criteria			
		Testing Criteria			
		Other Criteria			

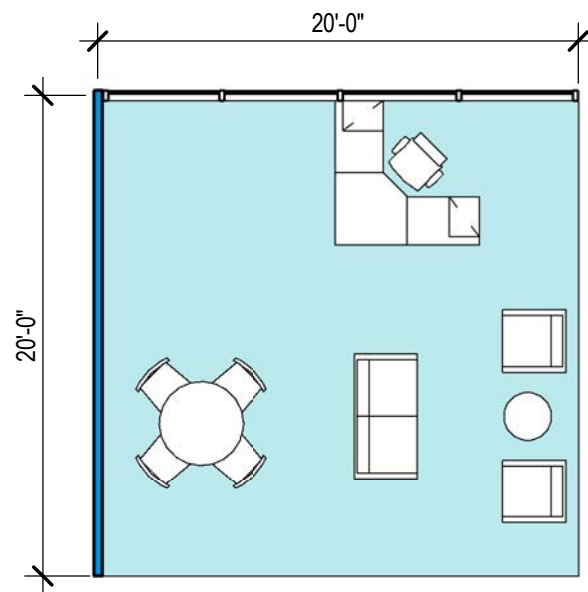
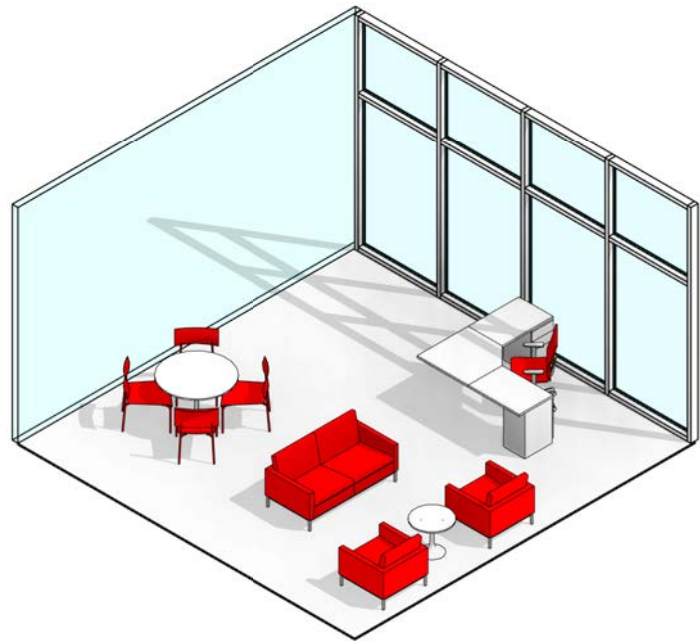






# C - NURSING SIMULATION





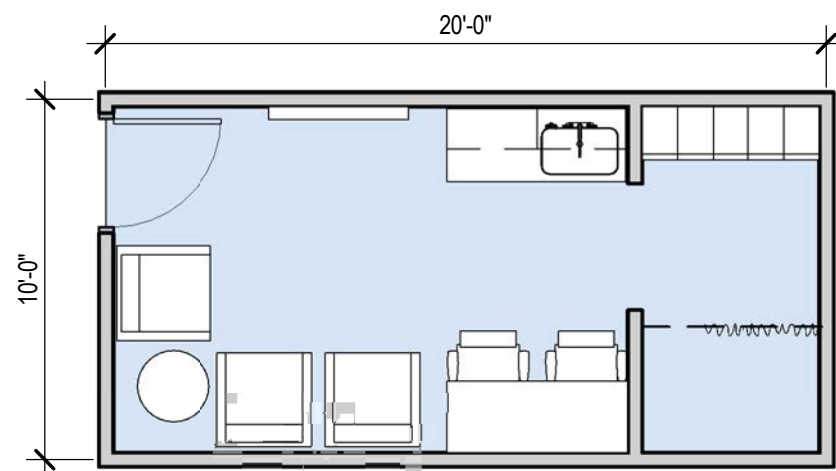
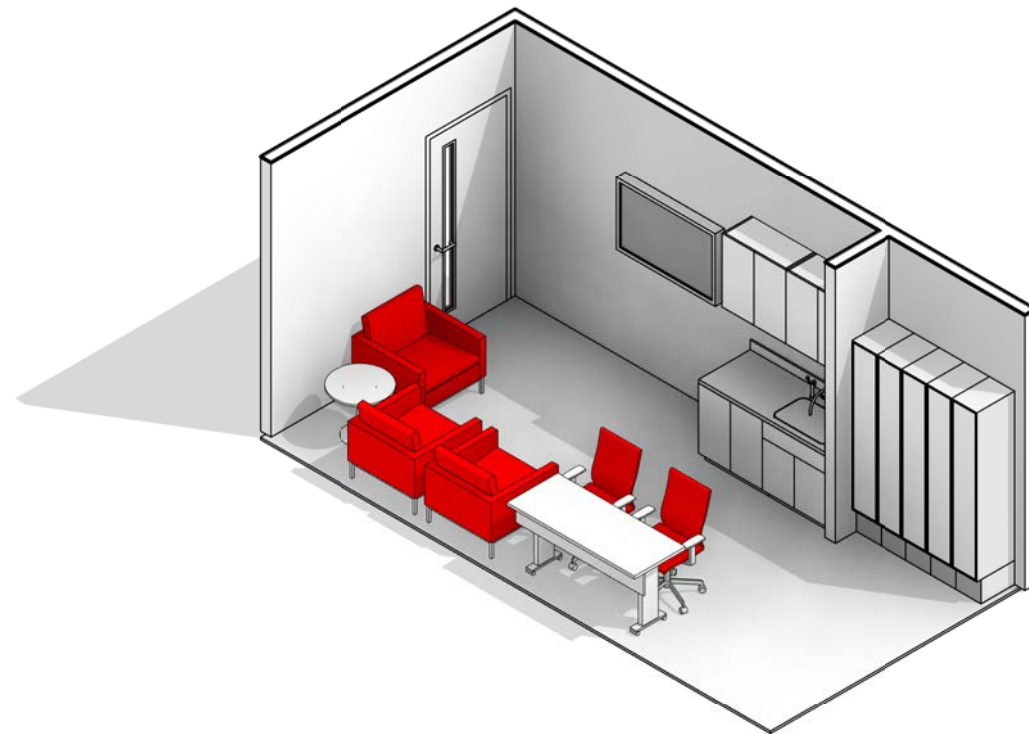
## C1-1 SIMULATION/SP LOBBY

### STANDARDIZED PATIENT & SUPPORT SPACES

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	
				Lectern or Other	
				Ceiling Speakers	
OCCUPANCY		ELECTRICAL		ARCHITECTURAL	
No. Of Occupants	8 to 10	Electrical Raceway		Walls/Partitions	
Temperature		110V, 20A, 1 Phase	x	GWB, Paint	x
68°-75° ± 2°F		208V, 30A, 1 Phase		GWB, Epoxy Paint	
72°F ± 2°F	x	208V, 30A, 3 Phase		Other	
Other		480V, 100A, 3 Phase		Wall Protection	
Humidity		Emergency/ Standby Power		Corner Guards	
50%- 25%± 5%	x	UPS (OFOI)		Crash Rails	
Uncontrolled		Other		Other	
Other < 50%				Flooring	
15 ACH (Min)				VCT/ Vinyl free tile	
10 ACH (Min)				Sheet Vinyl	
6 ACH (Min)				Concrete	
100% Make-up Air				Resinous/ Epoxy	
Recirculated Air				Carpet	
Air Pressure Positive				Other	Rubber
Air Pressure Negative				Base	
Air Filtration at Supply or Exhaust				4" Rubber	x
Other				Integral w/floor	
CASEWORK/MILLWORK/ FURNITURE		LIGHTING		Ceiling	
Headwall		Lighting Level		Open	
Suction/Vacuum		80-100 fc at bench/desk (labs)		Acoustic Tile	x
Oxygen		30-60 fc at bench/desk (offices)	x	Gyp. Board	
Air		Task Lighting		Height	
Other		Darkenable or Dimmable		Window	
Table w/ seating for 2-4		Special Lighting		One way glass	
Wall Cabinets or Shelves		Natural Daylight Preferred or not	x	Doors	
Sofa/ Lounge chair	x			Size	
Lateral File Cabinets				Type	
2 drawer				Operable Wall	
3 drawer				Vision Panel	
Vertical File Cabinets				Special Hardware or Seals	
2 drawer					
3 drawer					
Guest Chairs	x				
Conference Table					
Markerboard					
Tackboard					
EQUIPMENT		ADJACENCY CRITERIA		SECURITY	
Exam Table		Primary Adjacency	SP Ante Room	Locks	
Integrated Diagnostic wall system		Secondary Adjacency	Simulation rooms	Card Access	x
Patient Bed					
Bed Locator					
Headwall					
Computer Terminal					
Curtain track					
Curtain					
Other					
PERFORMANCE REQUIREMENTS		REMARKS:			
NC Acoustical Criteria	35-40				
Acoustical Panels					
Privacy Criteria					
Testing Criteria					
STC Rating					



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



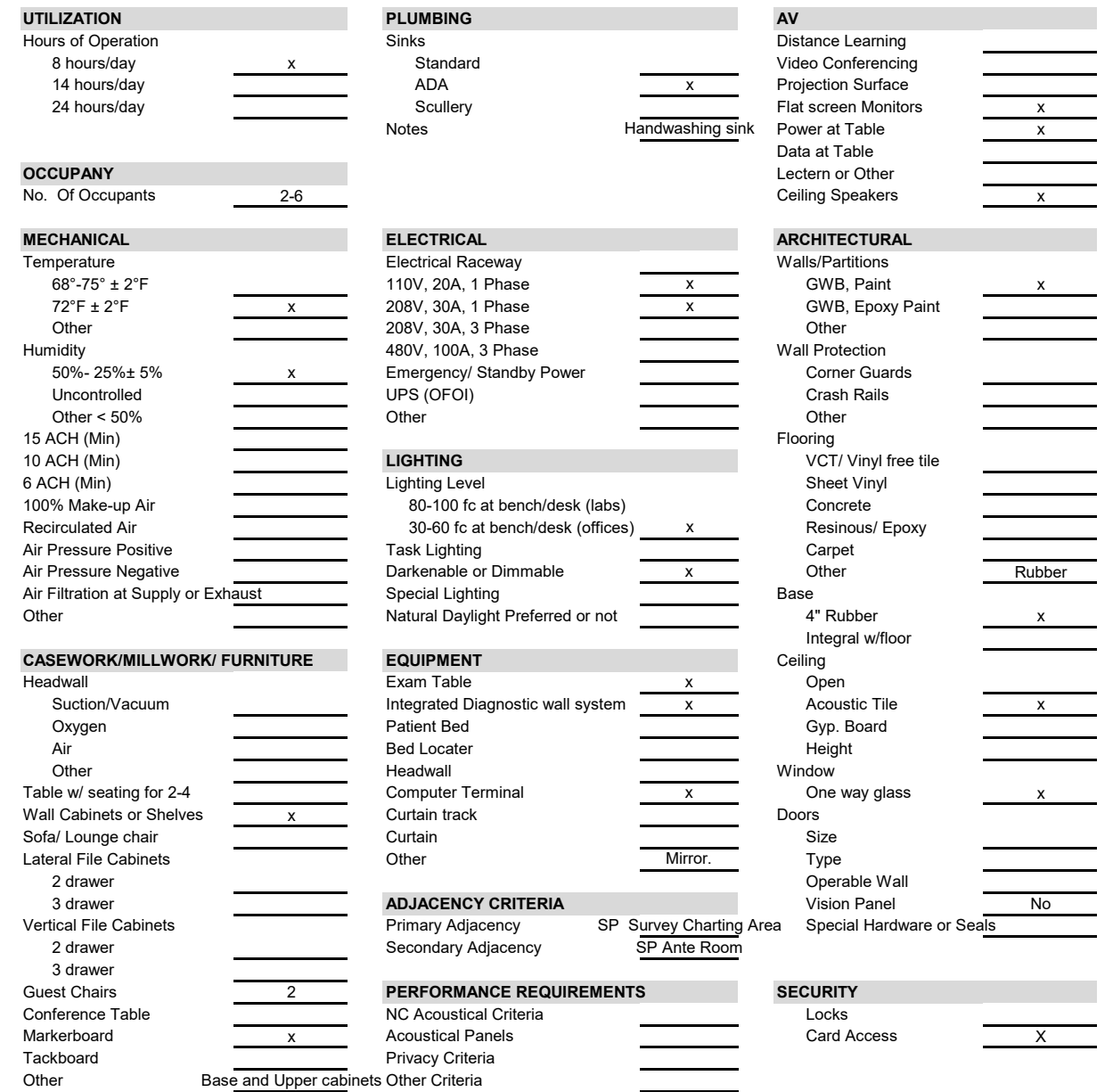
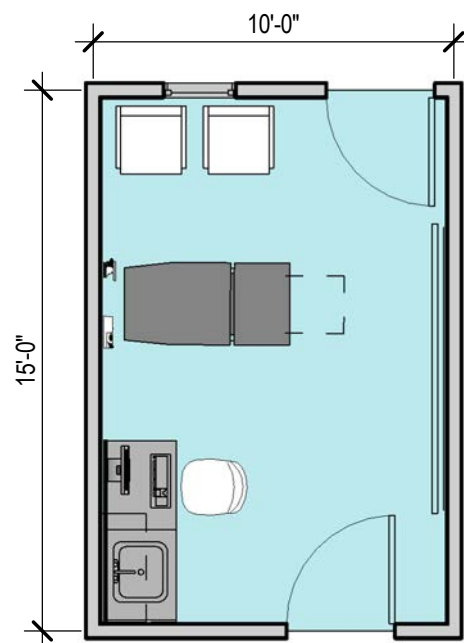
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Hours of Operation		Sinks		Distance Learning	
8 hours/day		Standard	X	Video Conferencing	
14 hours/day	X	ADA		Projection Surface	
24 hours/day		Scullery		Flat screen Monitors	X
		Other		Power at Table	X
				Data at Table	
				Lectern or Other	
				Ceiling Speakers	
<b>OCCUPANCY</b>		<b>ELECTRICAL</b>		<b>ARCHITECTURAL</b>	
No. Of Occupants	10/20	Electrical Raceway		Walls/Partitions	
<b>MECHANICAL</b>		110V, 20A, 1 Phase	X	GWB, Paint	X
Temperature		208V, 30A, 1 Phase		GWB, Epoxy Paint	
68°-75° ± 2°F		208V, 30A, 3 Phase		Other	
72°F ± 2°F	X	480V, 100A, 3 Phase		Wall Protection	
Other		Emergency/ Standby Power		Corner Guards	
Humidity		UPS (OFOI)		Crash Rails	
50%- 25%± 5%	X	Other		Other	
Uncontrolled		<b>LIGHTING</b>		Flooring	
Other < 50%		Lighting Level		VCT/ Vinyl free tile	X
15 ACH (Min)		80-100 fc at bench/desk (labs)		Sheet Vinyl	
10 ACH (Min)		30-60 fc at bench/desk (offices)		Concrete	
6 ACH (Min)		Task Lighting		Resinous/ Epoxy	
100% Make-up Air		Darkenable or Dimmable		Carpet	
Recirculated Air	X	Special Lighting		Other	Rubber
Air Pressure Positive		Natural Daylight Preferred or not		Base	
Air Pressure Negative				4" Rubber	X
Air Filtration at Supply or Exhaust				Integral w/floor	
Other				Ceiling	
<b>CASEWORK/MILLWORK/ FURNITURE</b>		<b>EQUIPMENT</b>		Open	
Headwall		Exam Table		Acoustic Tile	X
Suction/Vacuum		Integrated Diagnostic wall system		Gyp. Board	
Oxygen		Patient Bed		Height	9'
Air		Bed Locator		Window	
Other		Headwall		One way glass	
Table w/ seating for 2-4	X	Computer Terminal		Doors	
Wall Cabinets or Shelves		Curtain track		Size	3'x7'
Sofa/ Lounge chair	X	Curtain		Type	
Lateral File Cabinets		Other		Operable Wall	
2 drawer		<b>ADJACENCY CRITERIA</b>		Vision Panel	
3 drawer		Primary Adjacency		Special Hardware or Seals	
Vertical File Cabinets		Secondary Adjacency		<b>SECURITY</b>	
2 drawer		<b>PERFORMANCE REQUIREMENTS</b>		Locks	
3 drawer		NC Acoustical Criteria		Card Access	X
Guest Chairs		Acoustical Panels			
Conference Table		Privacy Criteria			
Markerboard		Testing Criteria			
Tackboard		STC Rating			
Other	Z Lockers				

REMARKS:
Digital combination locks for lockers. Space to include changing area, kitchenette, flat screen monitor for orientation

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

<b>UTILIZATION</b>		<b>PLUMBING</b>		<b>AV</b>	
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	
				Lectern or Other	
				Ceiling Speakers	
<b>OCCUPANY</b>		<b>ELECTRICAL</b>		<b>ARCHITECTURAL</b>	
No. Of Occupants		Electrical Raceway		Walls/Partitions	
		110V, 20A, 1 Phase		GWB, Paint	
		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	
		<b>LIGHTING</b>		Flooring	
		Lighting Level		VCT/ Vinyl free tile	
		80-100 fc at bench/desk (labs)		Sheet Vinyl	
		30-60 fc at bench/desk (offices)		Concrete	
		Task Lighting		Resinous/ Epoxy	
		Darkenable or Dimmable		Carpet	
		Special Lighting		Other	
		Natural Daylight Preferred or not		Porcelain Tiles	
<b>CASEWORK/MILLWORK/ FURNITURE</b>		<b>EQUIPMENT</b>		Base	
Headwall		Exam Table		4" Rubber	
Suction/Vacuum		Integrated Diagnostic wall system		Integral w/floor	
Oxygen		Patient Bed			
Air		Bed Locator		Ceiling	
Other		Headwall		Open	
Table w/ seating for 2-4		Computer Terminal		Acoustic Tile	
Wall Cabinets or Shelves		Curtain track		Gyp. Board	
Sofa/ Lounge chair		Curtain		Height	
Lateral File Cabinets		Other		Window	
2 drawer				One way glass	
3 drawer					
Vertical File Cabinets		<b>ADJACENCY CRITERIA</b>		Doors	
2 drawer		Primary Adjacency		Size	
3 drawer		Secondary Adjacency		Type	
				Operable Wall	
				Vision Panel	
				Special Hardware or Seals	
<b>PERFORMANCE REQUIREMENTS</b>		<b>SECURITY</b>			
NC Acoustical Criteria		Locks			
Acoustical Panels		Card Access			
Privacy Criteria					
Other Criteria					
<b>REMARKS:</b>					

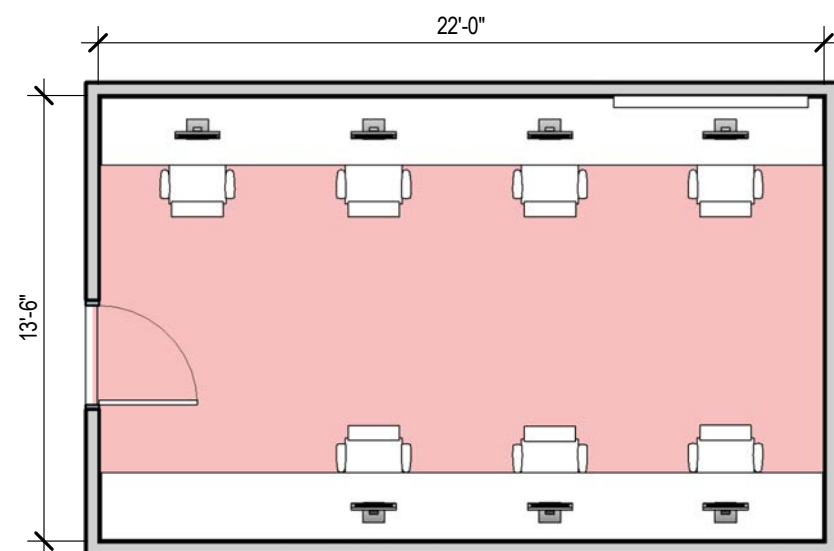
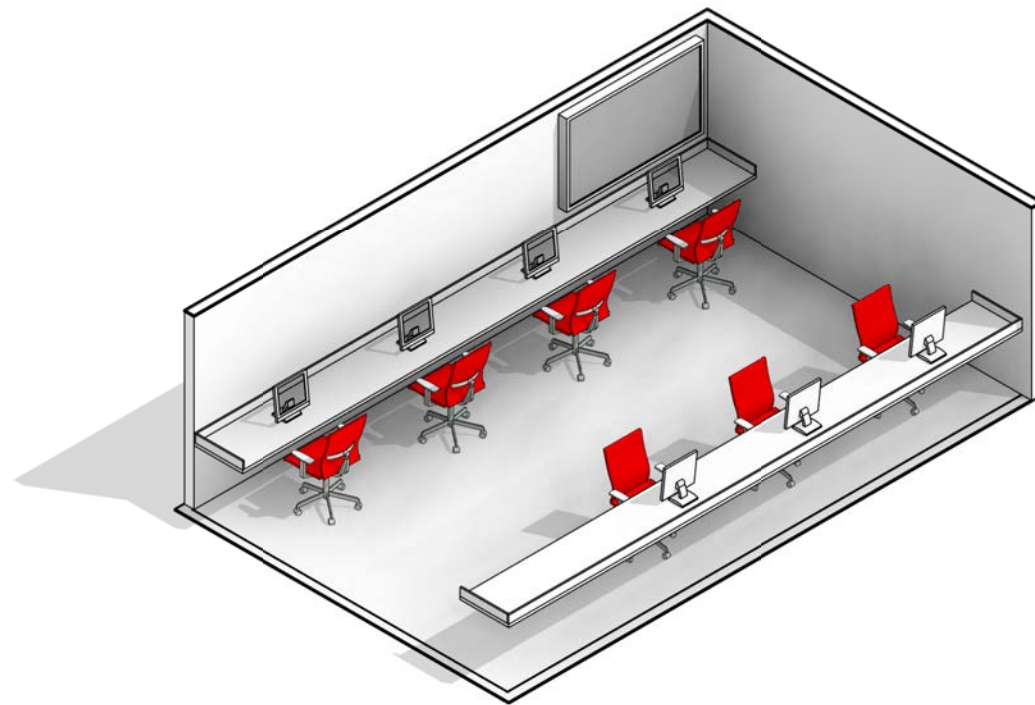
## STANDARDIZED PATIENT & SUPPORT SPACES



<p><b>REMARKS:</b></p> <p>Provide access through two circulation corridors- one for standardized patients/ faculty and another for students. One of the doors should be min 42" wide for ease of access for equipment. Ability to record proceedings. Provide two PTZ cameras and ceiling speakers. Faculty should have the ability to monitor conversations via headphones. Microphone connectivity to Monitoring room.</p>
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**C1-5**  
**SP MONITORING/CONTROL ROOMS**  
STANDARDIZED PATIENT & SUPPORT SPACES



13'-6"

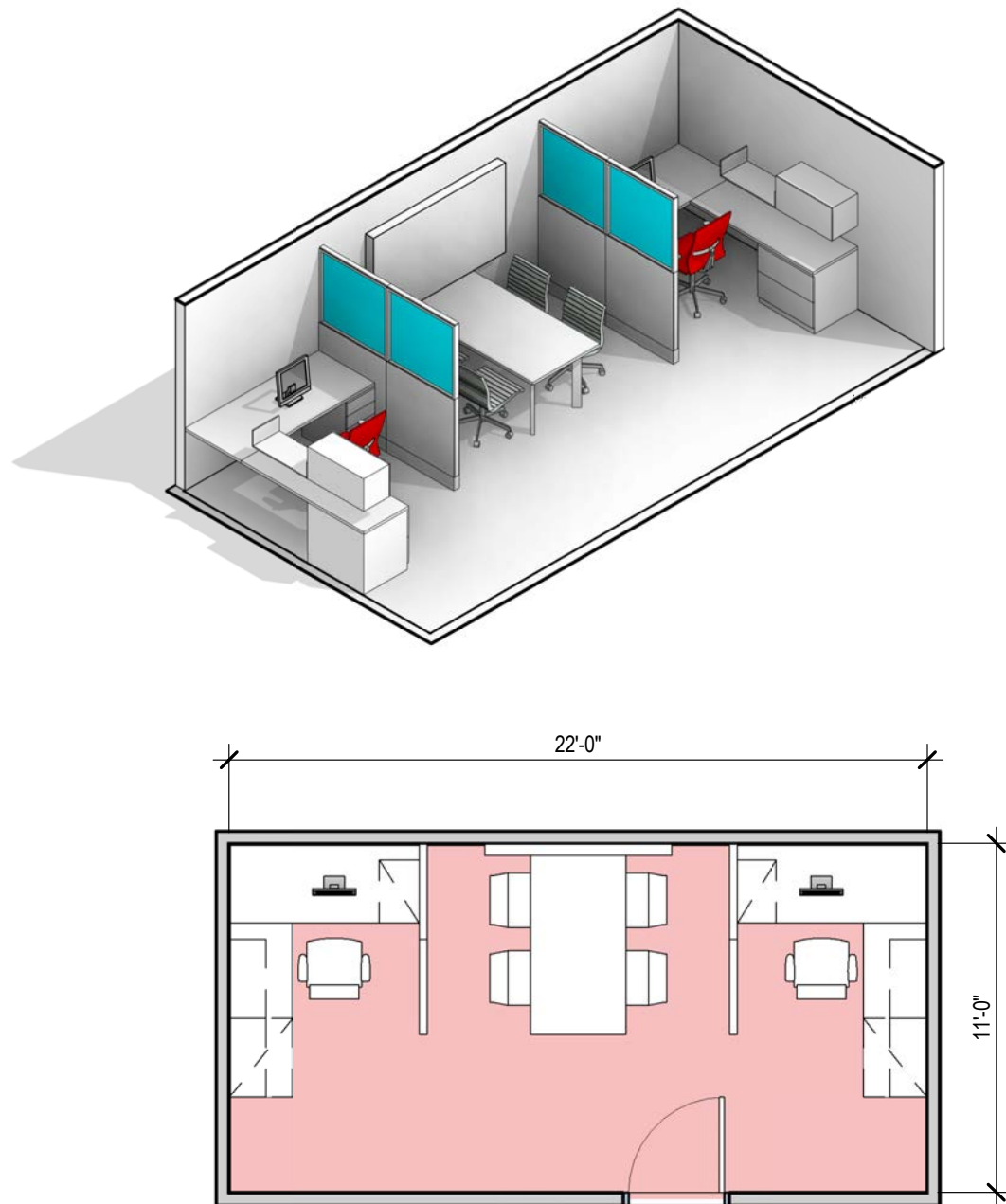


UTILIZATION	
Hours of Operation	
8 hours/day	
14 hours/day	x
24 hours/day	
OCCUPANY	
No. Of Occupants	1-4
MECHANICAL	
Temperature	
68°-75° ± 2°F	
72°F ± 2°F	x
Other	
Humidity	
50%- 25%± 5%	x
Uncontrolled	
Other < 50%	
15 ACH (Min)	
10 ACH (Min)	
6 ACH (Min)	
100% Make-up Air	
Recirculated Air	
Air Pressure 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	
Other	
PLUMBING	
Sinks	
Standard	
ADA	
Scullery	
Other	
ELECTRICAL	
Electrical Raceway	
110V, 20A, 1 Phase	x
208V, 30A, 1 Phase	x
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)	x
Task Lighting	
Darkenable or Dimmable	x
Special Lighting	
Natural Daylight Preferred or not	
EQUIPMENT	
Exam Table	
Integrated Diagnostic wall system	
Patient Bed	
Bed Locator	
Headwall	
Computer Terminal	Multiple
Curtain track	
Curtain	
Other	Multiple computer stations
ADJACENCY CRITERIA	
Primary Adjacency	Exam Rooms
Secondary Adjacency	Faculty/ Tech room
PERFORMANCE REQUIREMENTS	
NC Acoustical Criteria	
Acoustical Panels	
Privacy Criteria	High
Other Criteria	
AV	
Distance Learning	
Video Conferencing	
Projection Surface	
Flat screen Monitors	x
Power at Table	x
Data at Table	x
Lectern or Other	
Ceiling Speakers	
ARCHITECTURAL	
Walls/Partitions	
GWB, Paint	x
GWB, Epoxy Paint	
Other	
Wall Protection	
Corner Guards	
Crash Rails	
Other	
Flooring	
VCT/ Vinyl free tile	
Sheet Vinyl	
Concrete	
Resinour/ Epoxy	
Carpet	
Other	Rubber
Base	
4" Rubber	x
Integral w/floor	
Ceiling	
Open	
Acoustic Tile	x
Gyp. Board	
Height	
Window	
One way glass	
Doors	
Size	3'-0"x 7'-0"
Type	Flush
Operable Wall	
Vision Panel	No
Special Hardware or Seals	
SECURITY	
Locks	
Card Access	x

REMARKS:

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

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

[illegible]

REMARKS:

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

C1-7  
SP STORAGE

## STANDARDIZED PATIENT & SUPPORT SPACES

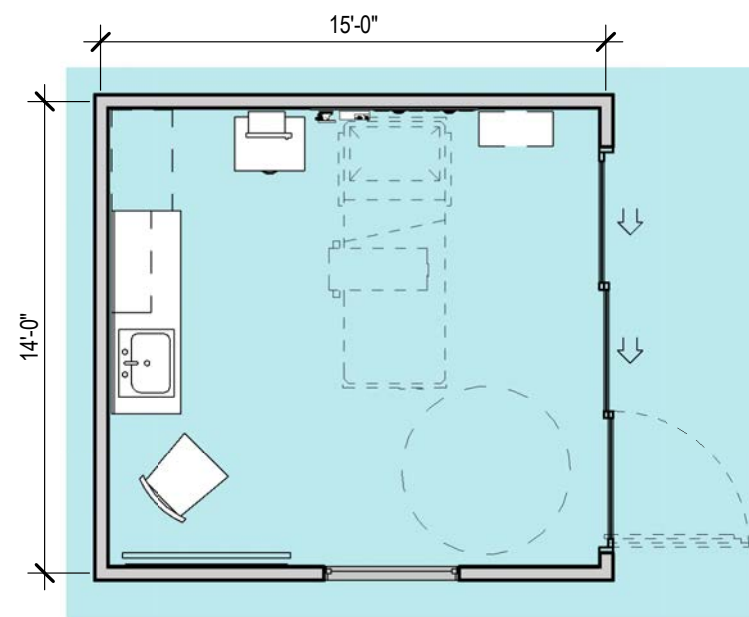
<b>UTILIZATION</b>	<b>PLUMBING</b>	<b>AV</b>
Hours of Operation	Sinks	Distance Learning
8 hours/day	Standard	Video Conferencing
14 hours/day	ADA	Projection Surface
24 hours/day	Scullery	Flat screen Monitors
	Other	Power at Table
		Data at Table
		Lectern or Other
		Ceiling Speakers
<b>OCCUPANCY</b>	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



C2-1  
SIMULATION ROOMS  
SIMULATION SPACES



<b>UTILIZATION</b>		<b>PLUMBING</b>		<b>AV</b>	
Hours of Operation		Sinks		Distance Learning	
8 hours/day		Standard		Video Conferencing	
14 hours/day	x	ADA	x	Projection Surface	
24 hours/day		Scully		Flat screen Monitors	x
		Other		Power at Table	
				Data at Table	
				Lectern or Other	
				Ceiling Speakers	x
<b>OCCUPANCY</b>		<b>ELECTRICAL</b>		<b>ARCHITECTURAL</b>	
No. Of Occupants	2-8	Electrical Raceway		Walls/Partitions	
<b>MECHANICAL</b>		110V, 20A, 1 Phase	x	GWB, Paint	x
Temperature		208V, 30A, 1 Phase		GWB, Epoxy Paint	
68°-75° ± 2°F		208V, 30A, 3 Phase		Other	
72°F ± 2°F	x	480V, 100A, 3 Phase		Wall Protection	
Other		Emergency/ Standby Power		Corner Guards	x
Humidity		UPS (OFOI)		Crash Rails	
50%- 25%± 5%	x	Other	(2) 40A , 120C circuits	Other	
Uncontrolled				Flooring	
Other < 50%				VCT/ Vinyl free tile	
15 ACH (Min)				Sheet Vinyl	
10 ACH (Min)				Concrete	
6 ACH (Min)				Resinous/ Epoxy	
100% Make-up Air				Carpet	
Recirculated Air				Other	Rubber
Air Pressure Positive				Base	
Air Pressure Negative				4" Rubber	x
Air Filtration at Supply or Exhaust				Integral w/floor	
Other				Ceiling	
<b>CASEWORK/MILLWORK/ FURNITURE</b>				Open	
Headwall				Acoustic Tile	x
Suction/Vacuum	x			Gyp. Board	
Oxygen	x			Height	>10'-0"
Air	x			Window	
Other	Nurse's call button			One way glass	x
Table w/ seating for 2-4				Doors	
Wall Cabinets or Shelves	x			Size	9'-0"
Sofa/ Lounge chair				Type	Glass sliding door
Lateral File Cabinets				Operable Wall	
2 drawer				Vision Panel	x
3 drawer				Special Hardware or Seals	
Vertical File Cabinets					
2 drawer					
3 drawer					
Guest Chairs	1-2				
Conference Table					
Markerboard	x				
Tackboard					
<b>ADJACENCY CRITERIA</b>					
Primary Adjacency	Control Room				
Secondary Adjacency	Debriefing room				
<b>PERFORMANCE REQUIREMENTS</b>					
NC Acoustical Criteria	30-35				
Acoustical Panels					
Privacy Criteria					
Other Criteria					
<b>REMARKS:</b>					
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.					



## C2-2 PATIENT/MED-SURG ROOMS SIMULATION SPACES

<b>UTILIZATION</b>		<b>PLUMBING</b>		<b>AV</b>	
Hours of Operation		Sinks		Distance Learning	
8 hours/day		Standard		Video Conferencing	
14 hours/day	x	ADA	x	Projection Surface	
24 hours/day		Scullery		Flat screen Monitors	x
		Other		Power at Table	
				Data at Table	
				Lectern or Other	
				Ceiling Speakers	x
<b>OCCUPANCY</b>		<b>ELECTRICAL</b>		<b>ARCHITECTURAL</b>	
No. Of Occupants	2-8	Electrical Raceway		Walls/Partitions	
<b>MECHANICAL</b>		110V, 20A, 1 Phase	x	GWB, Paint	x
Temperature		208V, 30A, 1 Phase		GWB, Epoxy Paint	
68°-75° ± 2°F		208V, 30A, 3 Phase		Other	
72°F ± 2°F	x	480V, 100A, 3 Phase		Wall Protection	
Other		Emergency/ Standby Power		Corner Guards	x
Humidity		UPS (OFOI)		Crash Rails	
50%- 25%± 5%	x	Other		Other	
Uncontrolled		<b>LIGHTING</b>		Flooring	
Other < 50%		Lighting Level		VCT/ Vinyl free tile	
15 ACH (Min)		80-100 fc at bench/desk (labs)		Sheet Vinyl	
10 ACH (Min)		30-60 fc at bench/desk (offices)	x	Concrete	
6 ACH (Min)		Task Lighting		Resinous/ Epoxy	
100% Make-up Air		Darkenable or Dimmable	x	Carpet	
Recirculated Air		Special Lighting	at headwall	Other	Rubber
Air Pressure Positive		Natural Daylight Preferred or not	Yes	Base	
Air Pressure Negative				4" Rubber	x
Air Filtration at Supply or Exhaust				Integral w/floor	
Other				Ceiling	
<b>CASEWORK/MILLWORK/ FURNITURE</b>		<b>EQUIPMENT</b>		Open	
Headwall		Exam Table		Acoustic Tile	x
Suction/Vacuum	x	Integrated Diagnostic wall system	x	Gyp. Board	
Oxygen		Patient Bed	x	Height	
Air	x	Bed Locator	x	Window	
Other	Nurse's call button	Headwall	x	One way glass	x
Table w/ seating for 2-4		Computer Terminal	x	Doors	
Wall Cabinets or Shelves	x	Curtain track	x	Size	9'-0"
Sofa/ Lounge chair		Curtain	x	Type	Glass sliding door
Lateral File Cabinets		Other	Hooks	Operable Wall	
2 drawer		<b>ADJACENCY CRITERIA</b>		Vision Panel	x
3 drawer		Primary Adjacency	Control Room	Special Hardware or Seals	
Vertical File Cabinets		Secondary Adjacency	Debriefing room		
2 drawer		<b>PERFORMANCE REQUIREMENTS</b>		<b>SECURITY</b>	
3 drawer		NC Acoustical Criteria	30-35	Locks	
Guest Chairs		Acoustical Panels		Card Access	x
Conference Table		Privacy Criteria			
Markerboard	x	Other Criteria			
Tackboard					

## REMARKS:

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

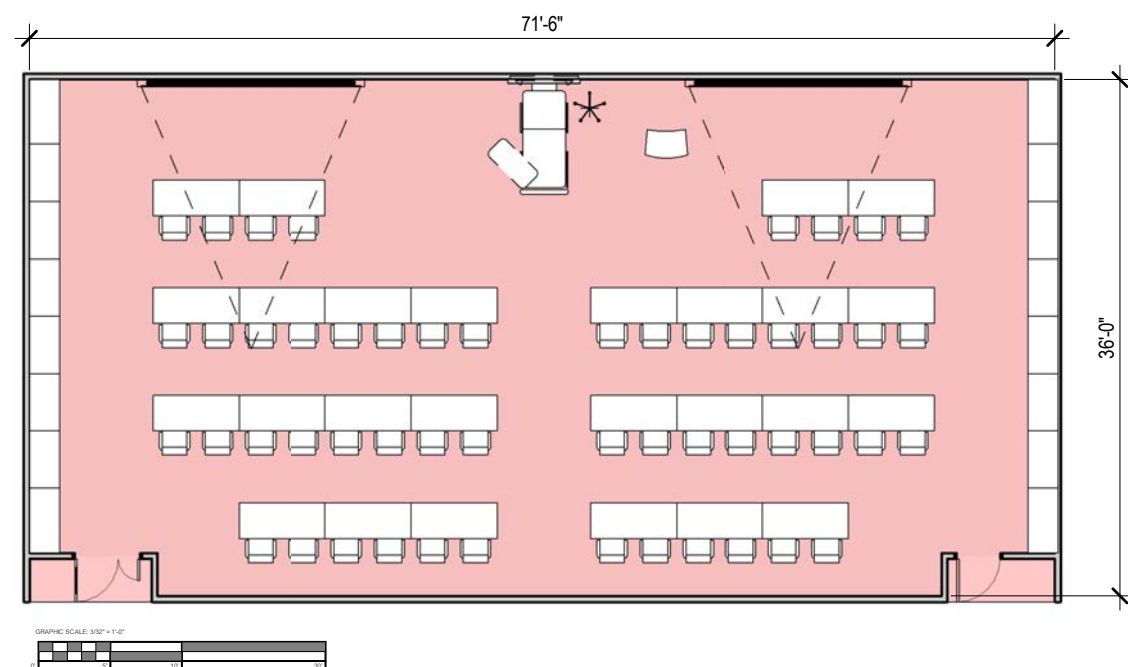
## C2-3 DESIGNATED AGENCY SIMULATION ROOM SIMULATION SPACES

[illegible]

## 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.

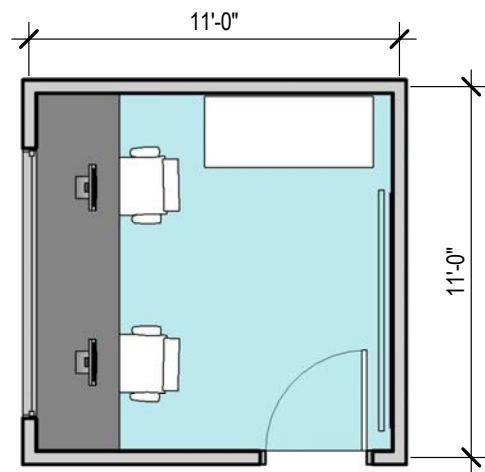
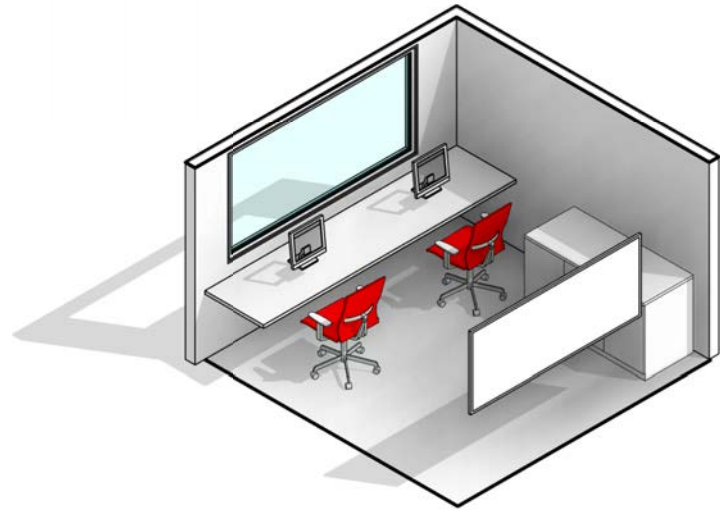




REMARKS:
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## C2-5 RESTROOM

[illegible]



## C2-6 CONTROL ROOMS SIMULATION SPACES

### UTILIZATION

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

### OCCUPANCY

No. Of Occupants	
------------------	--

### MECHANICAL

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

### PLUMBING

Sinks	
Standard	
ADA	
Scullery	
Other	

### ELECTRICAL

Electrical Raceway	
110V, 20A, 1 Phase	at 6 feet o.c. min.
208V, 30A, 1 Phase	x
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)	30-60
Task Lighting	
Darkenable or Dimmable	x
Special Lighting	
Natural Daylight Preferred or not	Not

### EQUIPMENT

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

### ADJACENCY CRITERIA

Primary Adjacency	Simulation Room
Secondary Adjacency	

### PERFORMANCE REQUIREMENTS

NC Acoustical Criteria	
Acoustical Panels	
Privacy Criteria	
Other Criteria	

### AV

Distance Learning	x
Video Conferencing	
Projection Surface	
Flat screen Monitors	x
Power at Table	x
Data at Table	
Lectern or Other	
Ceiling Speakers	

### ARCHITECTURAL

Walls/Partitions	
GWB, Paint	x
GWB, Epoxy Paint	
Other	
Wall Protection	
Corner Guards	x
Crash Rails	x
Other	
Flooring	
VCT/ Vinyl free tile	
Sheet Vinyl	
Concrete	
Resinous/ Epoxy	
Carpet	
Other	Rubber
Base	
4" Rubber	x
Integral w/floor	
Ceiling	
Open	
Acoustic Tile	x
Gyp. Board	
Height	
Window	
One way glass	x
Doors	
Size	6'-0" - 7'-0"
Type	Single Flush
Operable Wall	
Vision Panel	No
Special Hardware or Seals	

### SECURITY

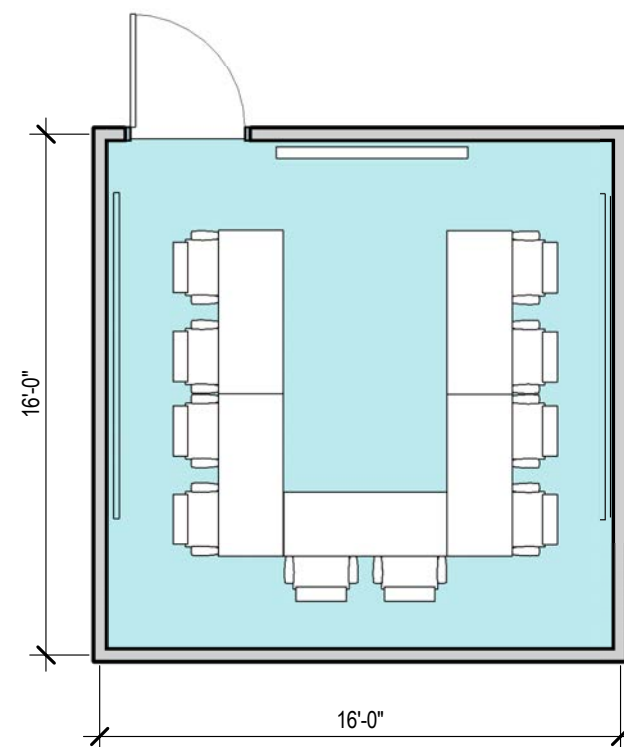
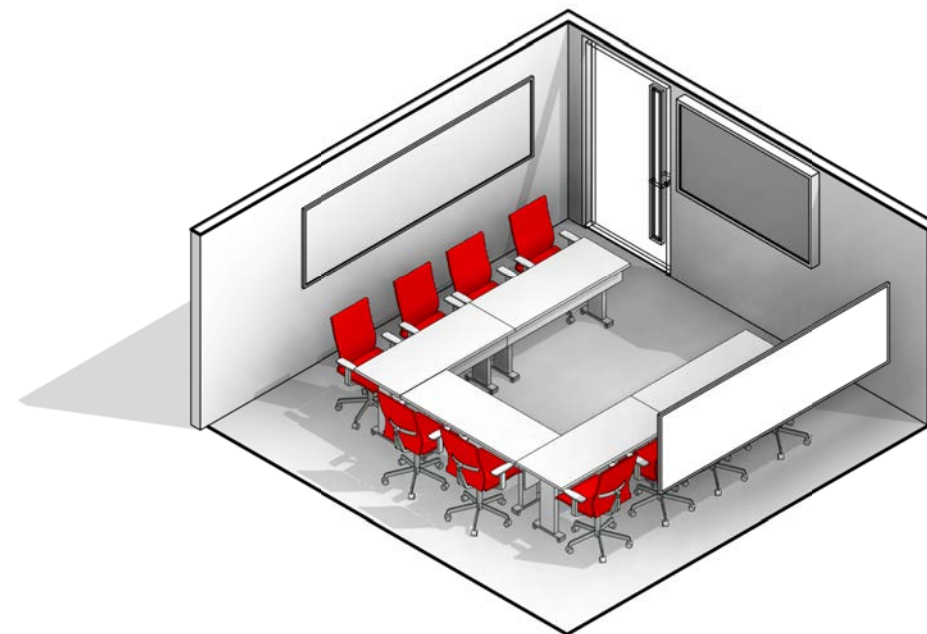
Locks	
Card Access	x

### 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

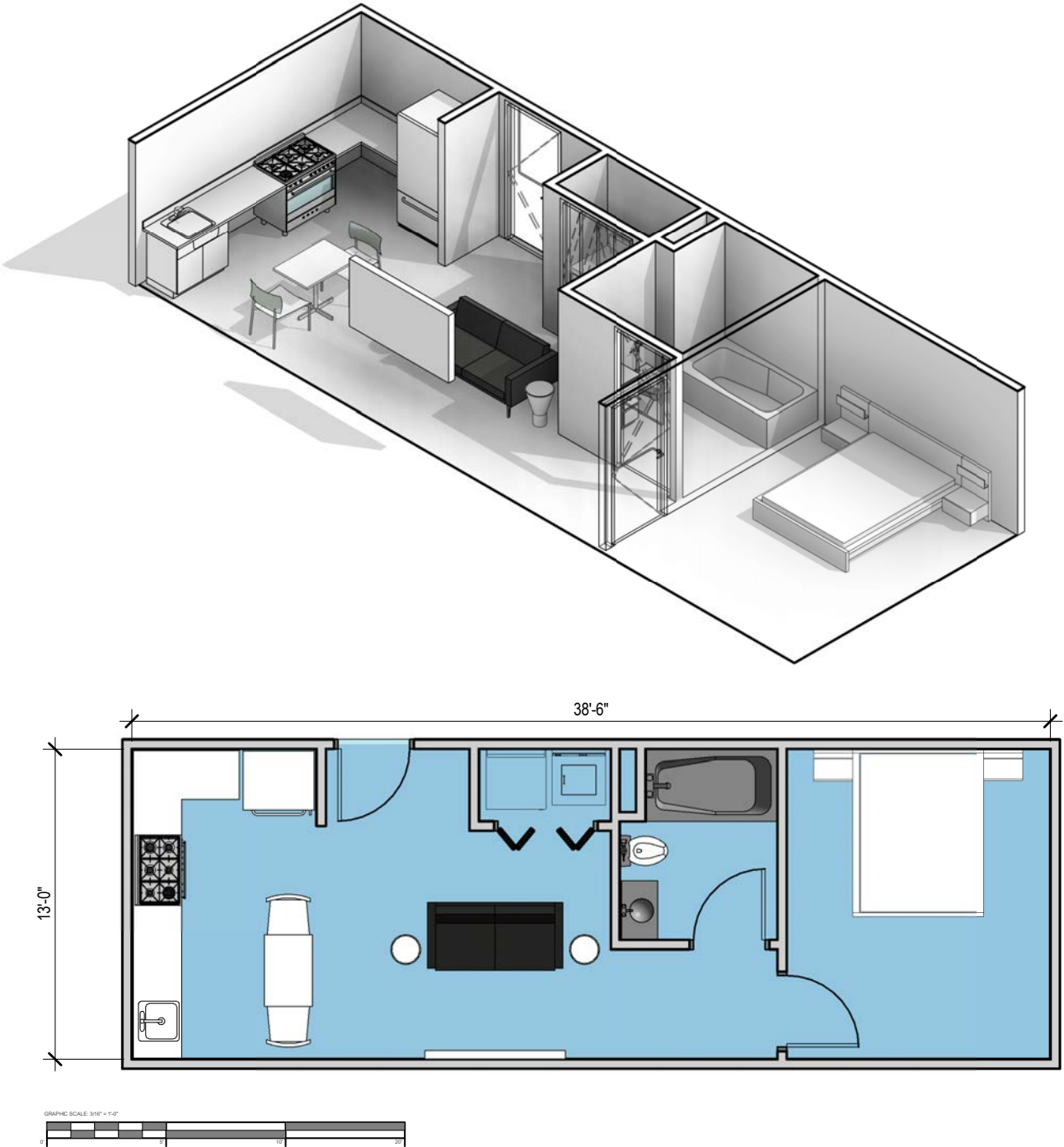


## C2-7 DEBRIEFING ROOMS SIMULATION SPACES

[illegible]

REMARKS:
<p>Locate adjacent to Simulation &amp; Patient Rooms. AV connectivity to each Simulation room - be able to pull recorded simulation sessions and replay on demand.</p>

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	x
Other	
Humidity	
50%- 25%± 5%	x
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	Kitchen hood

CASEWORK/MILLWORK/ FURNITURE

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

PLUMBING

Sinks	
Standard	
ADA	x
Scullery	
Other	

ELECTRICAL

Electrical Raceway	
110V, 20A, 1 Phase	x
208V, 30A, 1 Phase	x
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)	x
Task Lighting	x
Darkenable or Dimmable	x
Special Lighting	
Natural Daylight Preferred or not	Yes

EQUIPMENT

Exam Table	
Integrated Diagnostic wall system	
Patient Bed	
Bed Locator	
Headwall	
Computer Terminal	
Curtain track	
Curtain	
Other	Ref, stove, microwave

ADJACENCY CRITERIA

Primary Adjacency	Classrooms
Secondary Adjacency	Simulation Rooms

PERFORMANCE REQUIREMENTS

NC Acoustical Criteria	30-35
Acoustical Panels	
Privacy Criteria	
Other Criteria	

AV

Distance Learning	x
Video Conferencing	x
Projection Surface	x
Flat screen Monitors	x
Power at Table	x
Data at Table	
Lectern or Other	x
Ceiling Speakers	x

ARCHITECTURAL

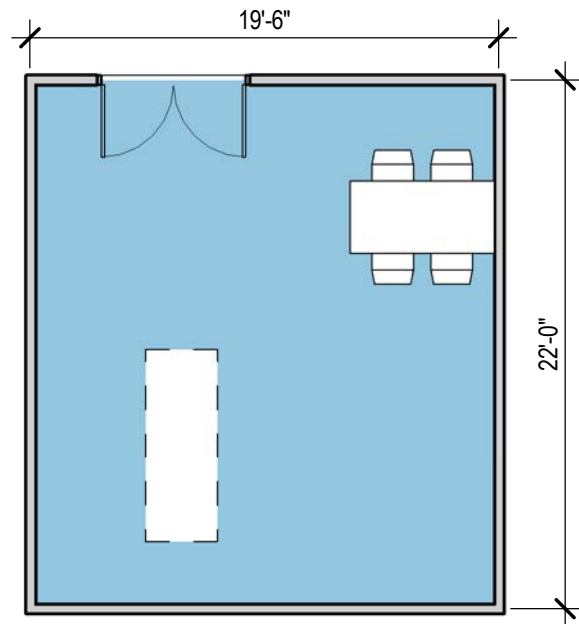
Walls/Partitions	
GWB, Paint	x
GWB, Epoxy Paint	
Other	
Wall Protection	
Corner Guards	x
Crash Rails	
Other	
Flooring	
VCT/ Vinyl free tile	
Sheet Vinyl	
Concrete	
Resinous/ Epoxy	
Carpet	x
Other	Rubber
Base	
4" Rubber	
Integral w/floor	x
Ceiling	
Open	
Acoustic Tile	x
Gyp. Board	
Height	
Window	
One way glass	
Doors	
Size	
Type	
Operable Wall	
Vision Panel	x
Special Hardware or Seals	

SECURITY

Locks	
Card Access	x

REMARKS:

Efficiency 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.



C2-9  
AV/VR/IMMERSION LAB  
SIMULATION SPACES

UTILIZATION	
Hours of Operation	
8 hours/day	
14 hours/day	x
24 hours/day	
<b>OCCUPANY</b>	
No. Of Occupants	
<b>MECHANICAL</b>	
Temperature	
68°-75° ± 2°F	
72°F ± 2°F	x
Other	
Humidity	
50%- 25%± 5%	x
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	
<b>CASEWORK/MILLWORK/ FURNITURE</b>	
Headwall	
Suction/Vacuum	
Oxygen	
Air	
Other	
Table w/ seating for 2-4	X
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	x
Tackboard	
<b>PLUMBING</b>	
Sinks	
Standard	
ADA	
Scullery	
Other	
<b>ELECTRICAL</b>	
Electrical Raceway	
110V, 20A, 1 Phase	x
208V, 30A, 1 Phase	
208V, 30A, 3 Phase	
480V, 100A, 3 Phase	
Emergency/ Standby Power	
UPS (OFOI)	
Other	
<b>LIGHTING</b>	
Lighting Level	
80-100 fc at bench/desk (labs)	
30-60 fc at bench/desk (office)	x
Task Lighting	
Darkenable or Dimmable	x
Special Lighting	
Natural Daylight Preferred or not	No
<b>EQUIPMENT</b>	
Exam Table	
Integrated Diagnostic wall system	
Patient Bed	
Bed Locator	
Headwall	
Computer Terminal	
Curtain track	
Curtain	
Other	
<b>ADJACENCY CRITERIA</b>	
Primary Adjacency	
Secondary Adjacency	
<b>PERFORMANCE REQUIREMENTS</b>	
NC Acoustical Criteria	30-35
Acoustical Panels	
Privacy Criteria	
Other Criteria	
<b>AV</b>	
Distance Learning	X
Video Conferencing	
Projection Surface	X
Flat screen Monitors	x
Power at Table	X
Data at Table	X
Lectern or Other	X
Ceiling Speakers	
<b>ARCHITECTURAL</b>	
Walls/Partitions	
GWB, Paint	x
GWB, Epoxy Paint	
Other	
Wall Protection	
Corner Guards	x
Crash Rails	
Other	
Flooring	
VCT/ Vinyl free tile	
Sheet Vinyl	
Concrete	
Resinous/ Epoxy	
Carpet	
Other	Rubber
Base	
4" Rubber	x
Integral w/floor	
Ceiling	
Open	
Acoustic Tile	x
Gyp. Board	
Height	>10'-0"
Window	
One way glass	
Doors	
Size	54"
Type	
Operable Wall	
Vision Panel	
Special Hardware or Seals	
<b>SECURITY</b>	
Locks	
Card Access	x

<b>REMARKS:</b> Flexible environment for use of AR/VR as teaching tools. Includes space for existing Anatomage table.	
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**C2-11**  
**MEDICAL SUPPLIES ROOM**  
SIMULATION SUPPORT SPACES

<b>UTILIZATION</b>		<b>PLUMBING</b>		<b>AV</b>	
Hours of Operation		Sinks		Distance Learning	
8 hours/day	<input type="checkbox"/>	Standard	<input type="checkbox"/>	Video Conferencing	<input type="checkbox"/>
14 hours/day	<input type="checkbox"/>	ADA	<input checked="" type="checkbox"/>	Projection Surface	<input type="checkbox"/>
24 hours/day	<input checked="" type="checkbox"/>	Scullyery	<input type="checkbox"/>	Flat screen Monitors	<input type="checkbox"/>
		Other	<input type="checkbox"/>	Power at Table	<input type="checkbox"/>
				Data at Table	<input type="checkbox"/>
				Lectern or Other	<input type="checkbox"/>
				Ceiling Speakers	<input type="checkbox"/>
<b>OCCUPANY</b>					
No. Of Occupants	<input type="text"/>				
<b>MECHANICAL</b>		<b>ELECTRICAL</b>		<b>ARCHITECTURAL</b>	
Temperature		Electrical Raceway		Walls/Partitions	
68°-75° ± 2°F	<input type="checkbox"/>	110V, 20A, 1 Phase		GWB, Paint	
72°F ± 2°F	<input checked="" type="checkbox"/>	208V, 30A, 1 Phase		<input checked="" type="checkbox"/>	
Other	<input type="checkbox"/>	208V, 30A, 3 Phase		GWB, Epoxy Paint	
Humidity	<input type="checkbox"/>	480V, 100A, 3 Phase		Other	
50%- 25%± 5%	<input checked="" type="checkbox"/>	Emergency/ Standby Power		Wall Protection	
Uncontrolled	<input type="checkbox"/>	UPS (OFOI)		Corner Guards	
Other < 50%	<input type="checkbox"/>	Other		Crash Rails	
15 ACH (Min)	<input type="checkbox"/>			Other	
10 ACH (Min)	<input type="checkbox"/>			Flooring	
6 ACH (Min)	<input type="checkbox"/>	<b>LIGHTING</b>		VCT/ Vinyl free tile	
100% Make-up Air	<input type="checkbox"/>	Lighting Level		<input checked="" type="checkbox"/>	
Recirculated Air	<input type="checkbox"/>	80-100 fc at bench/desk (labs)		Sheet Vinyl	
Air Pressure Positive	<input type="checkbox"/>	30-60 fc at bench/desk (offices)		<input checked="" type="checkbox"/>	
Air Pressure Negative	<input type="checkbox"/>	Task Lighting		Concrete	
Air Filtration at Supply or Exhaust	<input type="checkbox"/>	Darkenable or Dimmable		Resinous/ Epoxy	
Other	<input type="checkbox"/>	Special Lighting		Carpet	
		Natural Daylight Preferred or not		Other	
<b>CASEWORK/MILLWORK/ FURNITURE</b>		<b>EQUIPMENT</b>			
Headwall		Exam Table			
Suction/Vacuum	<input type="checkbox"/>	Integrated Diagnostic wall system			
Oxygen	<input type="checkbox"/>	Patient Bed			
Air	<input type="checkbox"/>	Bed Locator			
Other	<input type="checkbox"/>	Headwall			
Table w/ seating for 2-4	<input type="checkbox"/>	Computer Terminal			
Wall Cabinets or Shelves	<input checked="" type="checkbox"/>	Curtain track			
Sofa/ Lounge chair	<input type="checkbox"/>	Curtain			
Lateral File Cabinets	<input type="checkbox"/>	Other			
2 drawer	<input type="checkbox"/>	<b>ADJACENCY CRITERIA</b>			
3 drawer	<input type="checkbox"/>	Primary Adjacency			
Vertical File Cabinets	<input type="checkbox"/>	Secondary Adjacency			
2 drawer	<input type="checkbox"/>	Simulation Rooms			
3 drawer	<input type="checkbox"/>	Nurses Station			
Guest Chairs	<input type="checkbox"/>				
Conference Table	<input type="checkbox"/>	<b>PERFORMANCE REQUIREMENTS</b>			
Markerboard	<input checked="" type="checkbox"/>	NC Acoustical Criteria			
Tackboard	<input type="checkbox"/>	Acoustical Panels			
		Privacy Criteria			
		Other Criteria			
				<b>SECURITY</b>	
				Locks	
				Card Access	
				<input checked="" type="checkbox"/>	
<b>REMARKS:</b>					
Room to simulate medicine storage and dispensing.					

## C2-12 SIMULATION STORAGE

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

C2-13  
LAUNDRY / LINEN  
SIMULATION SUPPORT SPACES

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	x	Flat screen Monitors	
		Other		Power at Table	
				Data at Table	
				Lectern or Other	
				Ceiling Speakers	
OCCUPANY					
No. Of Occupants					
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)		LIGHTING		Flooring	
10 ACH (Min)		Lighting Level		VCT/ Vinyl free tile	
6 ACH (Min)		80-100 fc at bench/desk (labs)		Sheet Vinyl	
100% Make-up Air		30-60 fc at bench/desk (office)		Concrete	
Recirculated Air	x	Task Lighting		Resinous/ Epoxy	
Air Pressure Positive		Darkenable or Dimmable		Carpet	
Air Pressure Negative		Special Lighting		Other	
Air Filtration at Supply or Exhaust		Natural Daylight Preferred or not		Base	
Other		Not required		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 Locator		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	
Lateral File Cabinets		Other		Type	
2 drawer		Washer, Dryer		Operable Wall	
3 drawer				Vision Panel	
Vertical File Cabinets		ADJACENCY CRITERIA		Special Hardware or Seals	
2 drawer		Primary Adjacency			
3 drawer		Secondary Adjacency			
Guest Chairs		PERFORMANCE REQUIREMENTS		SECURITY	
Conference Table		NC Acoustical Criteria		Locks	
Markerboard		Acoustical Panels		Card Access	
Tackboard		Privacy Criteria			
		Other Criteria			

REMARKS:

C2-14  
SIM AV 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	
				Lectern or Other	
				Ceiling Speakers	
OCCUPANY					
No. Of Occupants					
MECHANICAL		ELECTRICAL		ARCHITECTURAL	
Temperature		Electrical Raceway		Walls/Partitions	
68°-75° ± 2°F	x	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%	x	Emergency/ Standby Power		Corner Guards	
Uncontrolled		UPS (OFOI)		Crash Rails	
Other < 50%		Other		Other	
15 ACH (Min)		LIGHTING		Flooring	
10 ACH (Min)		Lighting Level		VCT/ Vinyl free tile	
6 ACH (Min)		80-100 fc at bench/desk (labs)		Sheet Vinyl	
100% Make-up Air		30-60 fc at bench/desk (offices)		Concrete	
Recirculated Air	x	Task Lighting		Resinous/ Epoxy	
Air Pressure Positive		Darkenable or Dimmable		Carpet	
Air Pressure Negative		Special Lighting		Other	
Air Filtration at Supply or Exhaust		Natural Daylight Preferred or not		Base	
Other		Not		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 Locator		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	
Lateral File Cabinets		Other		Type	
2 drawer				Operable Wall	
3 drawer				Vision Panel	
Vertical File Cabinets		ADJACENCY CRITERIA		Special Hardware or Seals	
2 drawer		Primary Adjacency			
3 drawer		Secondary Adjacency			
Guest Chairs		PERFORMANCE REQUIREMENTS		SECURITY	
Conference Table		NC Acoustical Criteria		Locks	
Markerboard		Acoustical Panels		Card Access	
Tackboard		Privacy Criteria			
		Other Criteria			

REMARKS:

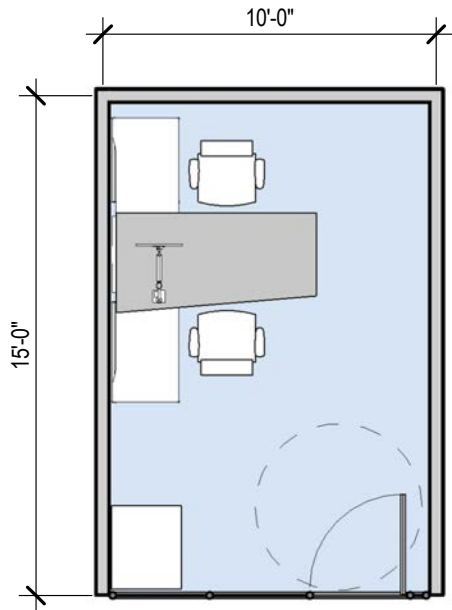
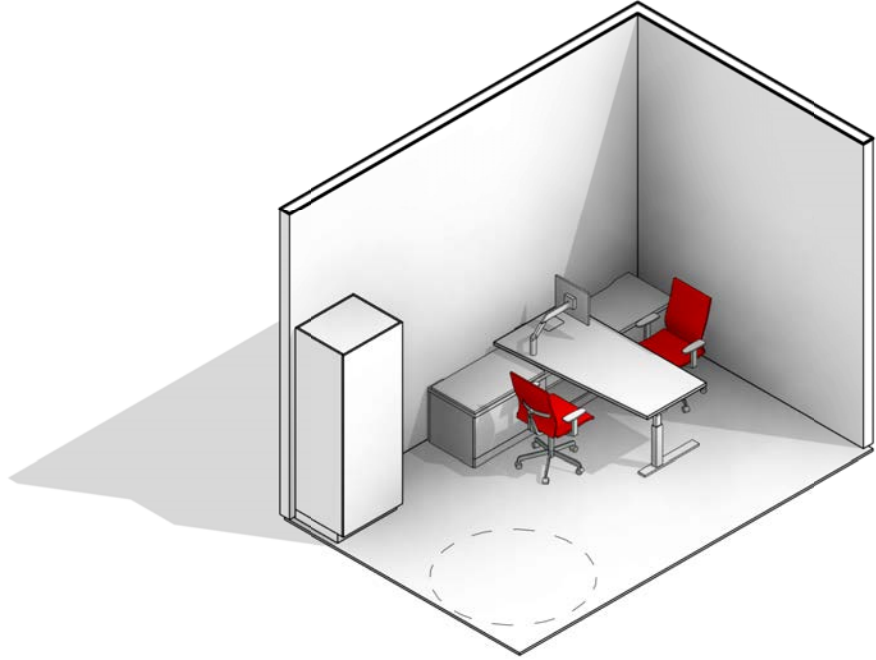


**C2-15**  
**SIM MECHANICAL ROOM**  
SIMULATION SUPPORT SPACES

<b>UTILIZATION</b>		<b>PLUMBING</b>		<b>AV</b>	
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	
				Lectern or Other	
				Ceiling Speakers	
<b>OCCUPANY</b>					
No. Of Occupants					
<b>MECHANICAL</b>		<b>ELECTRICAL</b>		<b>ARCHITECTURAL</b>	
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)		<b>LIGHTING</b>		VCT/ Vinyl free tile	
6 ACH (Min)		Lighting Level		Sheet Vinyl	
100% Make-up Air		80-100 fc at bench/desk (labs)		Concrete	x
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	
<b>CASEWORK/MILLWORK/ FURNITURE</b>		<b>EQUIPMENT</b>		Ceiling	
Headwall		Exam Table		Open	
Suction/Vacuum		Integrated Diagnostic wall system		Acoustic Tile	
Oxygen		Patient Bed		Gyp. Board	
Air		Bed Locator		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		<b>ADJACENCY CRITERIA</b>		Vision Panel	
Vertical File Cabinets		Primary Adjacency		Special Hardware or Seals	
2 drawer		Secondary Adjacency			
3 drawer					
Guest Chairs		<b>PERFORMANCE REQUIREMENTS</b>		<b>SECURITY</b>	
Conference Table		NC Acoustical Criteria		Locks	
Markerboard		Acoustical Panels		Card Access	X
Tackboard		Privacy Criteria			
		Other Criteria			

REMARKS:

C3-1  
SON SIMULATION LAB DIRECTOR  
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	
				Lectern or Other	
				Ceiling Speakers	
OCCUPANY		ELECTRICAL		ARCHITECTURAL	
No. Of Occupants	1-2	Electrical Raceway		Walls/Partitions	
MECHANICAL		110V, 20A, 1 Phase	x	GWB, Paint	x
Temperature		208V, 30A, 1 Phase		GWB, Epoxy Paint	
68°-75° ± 2°F		208V, 30A, 3 Phase		Other	
72°F ± 2°F	x	480V, 100A, 3 Phase		Wall Protection	
Other		Emergency/ Standby Power		Corner Guards	
Humidity		UPS (OFOI)		Crash Rails	
50%- 25%± 5%	x	Other		Other	
Uncontrolled				Flooring	
Other < 50%				VCT/ Vinyl free tile	x
15 ACH (Min)				Sheet Vinyl	
10 ACH (Min)				Concrete	
6 ACH (Min)				Resinous/ Epoxy	
100% Make-up Air				Carpet	
Recirculated Air	x			Other	
Air Pressure Positive				Base	
Air Pressure Negative				4" Rubber	
Air Filtration at Supply or Exhaust				Integral w/floor	
Other				Ceiling	
CASEWORK/MILLWORK/ FURNITURE				Exam Table	
Headwall				Integrated Diagnostic wall system	
Suction/Vacuum				Patient Bed	
Oxygen				Bed Locator	
Air				Headwall	
Other				Computer Terminal	
Table w/ seating for 2-4				Curtain track	
Wall Cabinets or Shelves	x			Curtain	
Sofa/ Lounge chair				Other	
Lateral File Cabinets					
2 drawer	x				
3 drawer					
Vertical File Cabinets					
2 drawer					
3 drawer					
Guest Chairs					
Conference Table					
Markerboard	x				
Tackboard					
EQUIPMENT		ADJACENCY CRITERIA		SECURITY	
		Primary Adjacency		Locks	
		Secondary Adjacency		Card Access	x
PERFORMANCE REQUIREMENTS					
		NC Acoustical Criteria			
		Acoustical Panels			
		Privacy Criteria			
		Other Criteria			

REMARKS:

**C3-2**  
**SON SIMULATION LAB COORDINATOR**  
SIMULATION/SP OFFICES

<b>UTILIZATION</b>		<b>PLUMBING</b>		<b>AV</b>	
Hours of Operation		Sinks		Distance Learning	
8 hours/day		Standard			
14 hours/day	x	ADA			
24 hours/day		Scullyery			
		Other			
<b>OCCUPANY</b>					
No. Of Occupants	1-2			Ceiling Speakers	
<b>MECHANICAL</b>		<b>ELECTRICAL</b>		<b>ARCHITECTURAL</b>	
Temperature		Electrical Raceway		Walls/Partitions	
68°-75° ± 2°F		110V, 20A, 1 Phase		GWB, Paint	
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)		<b>LIGHTING</b>		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	
Air Filtration at Supply or Exhaust		Special Lighting		Base	
Other		Natural Daylight Preferred or not		4" Rubber	
<b>CASEWORK/MILLWORK/ FURNITURE</b>		<b>EQUIPMENT</b>		Integral w/floor	
Headwall		Exam Table		Ceiling	
Suction/Vacuum		Integrated Diagnostic wall system		Open	
Oxygen		Patient Bed		Acoustic Tile	
Air		Bed Locater		Gyp. Board	
Other		Headwall		Height	
Table w/ seating for 2-4		Computer Terminal		Window	
Wall Cabinets or Shelves	x	Curtain track		One way glass	
Sofa/ Lounge chair		Curtain		Doors	
Lateral File Cabinets		Other		Size	
2 drawer				Type	
3 drawer	x			Operable Wall	
Vertical File Cabinets		<b>ADJACENCY CRITERIA</b>		Vision Panel	
2 drawer		Primary Adjacency		Special Hardware or Seals	
3 drawer		Secondary Adjacency			
Guest Chairs		<b>PERFORMANCE REQUIREMENTS</b>		<b>SECURITY</b>	
Conference Table		NC Acoustical Criteria		Locks	
Markerboard		Acoustical Panels		Card Access	
Tackboard		Privacy Criteria			
		Other Criteria			
<b>REMARKS:</b>					

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

<b>UTILIZATION</b>		<b>PLUMBING</b>		<b>AV</b>	
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	
				Lectern or Other	
				Ceiling Speakers	
<b>OCCUPANY</b>					
No. Of Occupants	5				
<b>MECHANICAL</b>		<b>ELECTRICAL</b>		<b>ARCHITECTURAL</b>	
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)		<b>LIGHTING</b>		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	
<b>CASEWORK/MILLWORK/ FURNITURE</b>		<b>EQUIPMENT</b>		Ceiling	
Headwall		Exam Table		Open	
Suction/Vacuum		Integrated Diagnostic wall system		Acoustic Tile	x
Oxygen		Patient Bed		Gyp. Board	
Air		Bed Locator		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	3'-0"x7'-0"
Lateral File Cabinets		Other		Type	Single Flush
2 drawer				Operable Wall	
3 drawer	x			Vision Panel	x
Vertical File Cabinets		<b>ADJACENCY CRITERIA</b>		Special Hardware or Seals	
2 drawer		Primary Adjacency			
3 drawer		Secondary Adjacency			
Guest Chairs					
Conference Table		<b>PERFORMANCE REQUIREMENTS</b>		<b>SECURITY</b>	
Markerboard		NC Acoustical Criteria		Locks	
Tackboard		Acoustical Panels		Card Access	X
		Privacy Criteria			
		Other Criteria			
<b>REMARKS:</b>					



### C3-4 SIMULATION LAB TECHNICIANS SIMULATION/SP OFFICES

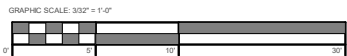
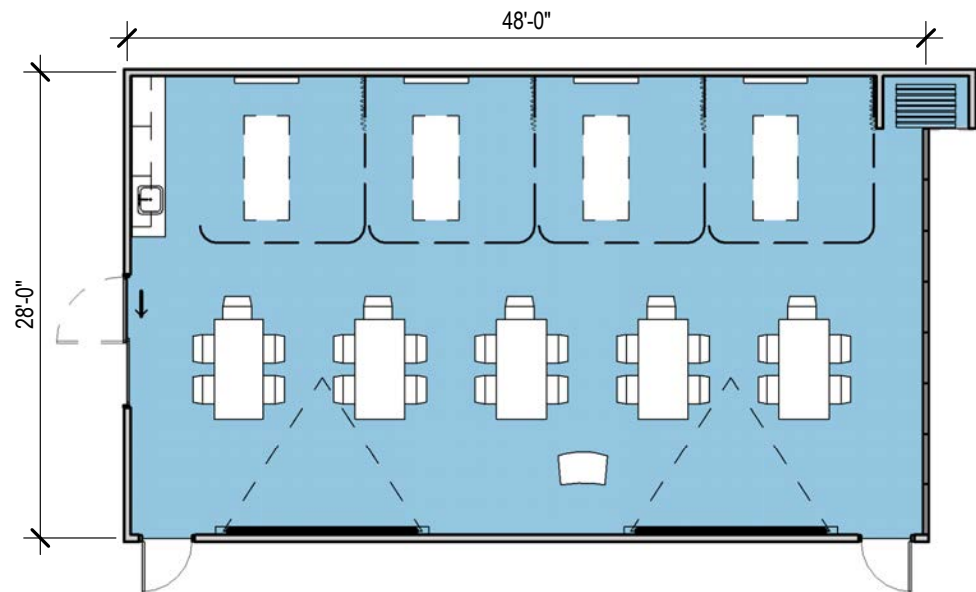
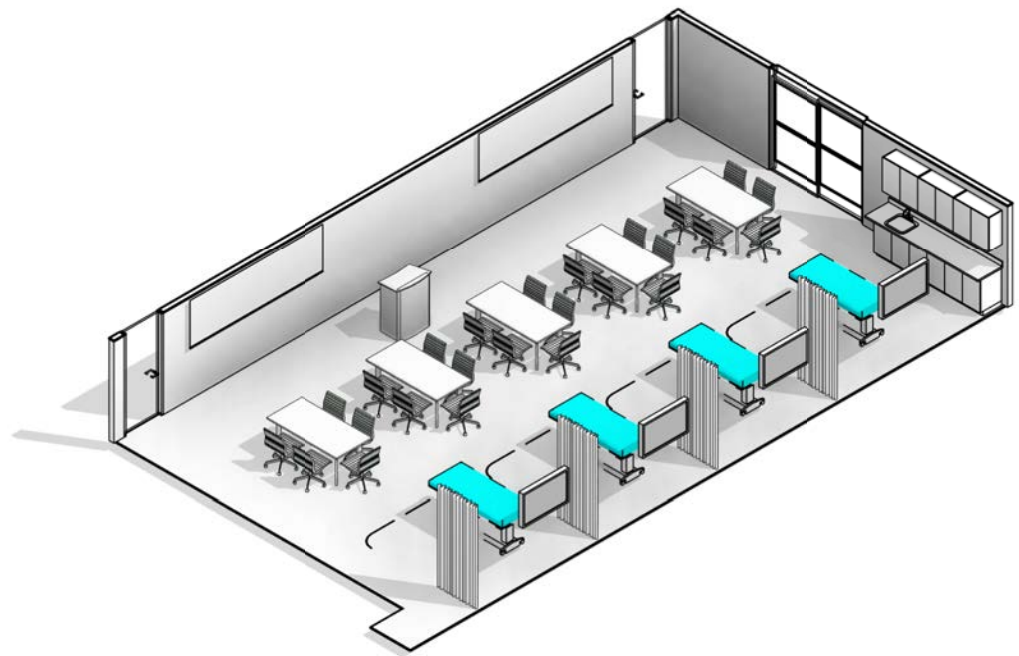
UTILIZATION		PLUMBING		AV	
Hours of Operation		Sinks		Distance Learning	
8 hours/day		Standard		Video Conferencing	
14 hours/day	x	ADA		Projection Surface	
24 hours/day		Scullery		Flat screen Monitors	
		Other		Power at Table	
				Data at Table	
				Lectern or Other	
				Ceiling Speakers	
OCCUPANCY					
No. Of Occupants	2				
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)				VCT/ Vinyl free tile	x
6 ACH (Min)				Sheet Vinyl	
100% Make-up Air				Concrete	
Recirculated Air	x			Resinous/ Epoxy	
Air Pressure Positive				Carpet	
Air Pressure Negative				Other	
Air Filtration at Supply or Exhaust				Base	
Other				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		Type	
2 drawer				Operable Wall	
3 drawer	x			Vision Panel	x
Vertical File Cabinets				Special Hardware or Seals	
2 drawer					
3 drawer					
Guest Chairs		ADJACENCY CRITERIA		SECURITY	
Conference Table		Primary Adjacency		Locks	
Markerboard		Secondary Adjacency		Card Access	X
Tackboard		PERFORMANCE REQUIREMENTS			
		NC Acoustical Criteria			
		Acoustical Panels			
		Privacy Criteria			
		Other Criteria			

REMARKS:

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C4-1  
TASK TRAINING LAB  
TASK TRAINING SPACES



UTILIZATION

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

OCCUPANY

No. Of Occupants	
------------------	--

MECHANICAL

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

CASEWORK/MILLWORK/ FURNITURE

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

PLUMBING

Sinks	
Standard	
ADA	x
Scullery	
Other	Utility sink for washing equipment

ELECTRICAL

Electrical Raceway	
110V, 20A, 1 Phase	Outlets every 6 feet
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	x
Special Lighting	
Natural Daylight Preferred or not	x

EQUIPMENT

Exam Table	
Integrated Diagnostic wall system	
Patient Bed	x
Bed Locator	x
Headwall	x
Computer Terminal	x
Curtain track	x
Curtain	x
Other	Cameras

ADJACENCY CRITERIA

Primary Adjacency	
Secondary Adjacency	

PERFORMANCE REQUIREMENTS

NC Acoustical Criteria	
Acoustical Panels	
Privacy Criteria	
Other Criteria	

AV

Distance Learning	x
Video Conferencing	
Projection Surface	
Flat screen Monitors	x
Power at Table	x
Data at Table	
Lectern or Other	x
Ceiling Speakers	x

ARCHITECTURAL

Walls/Partitions	
GWB, Paint	x
GWB, Epoxy Paint	
Other	
Wall Protection	
Corner Guards	x
Crash Rails	
Other	
Flooring	
VCT/ Vinyl free tile	
Sheet Vinyl	
Concrete	
Resinous/ Epoxy	
Carpet	
Other	Rubber
Base	
4" Rubber	x
Integral w/floor	
Ceiling	
Open	
Acoustic Tile	x
Gyp. Board	
Height	
Window	
One way glass	
Doors	
Size	
Type	Sliding-ICU type
Operable Wall	
Vision Panel	x
Special Hardware or Seals	

SECURITY

Locks	
Card Access	x

REMARKS:

(8) stations with curtain dividers. Provide sinks with hot and cold water

## TASK TRAINING SPACES

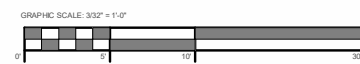
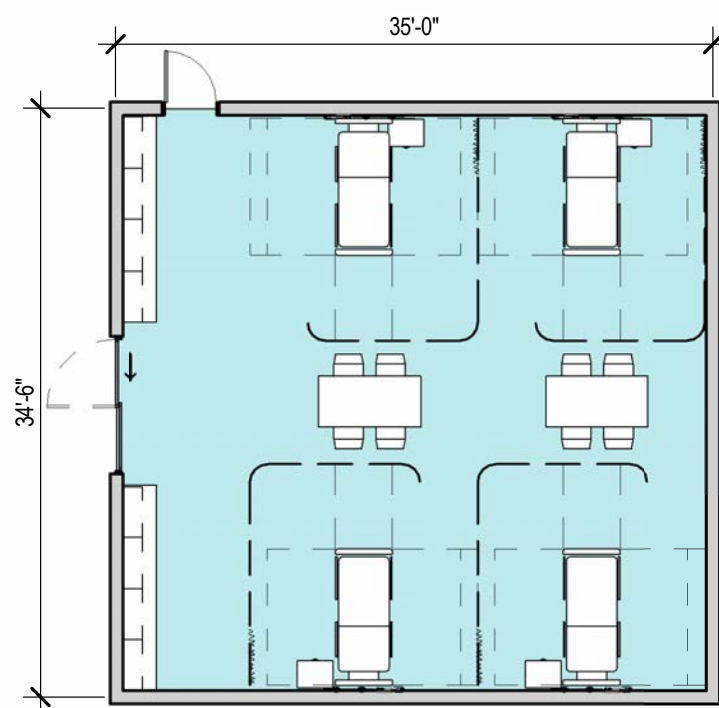
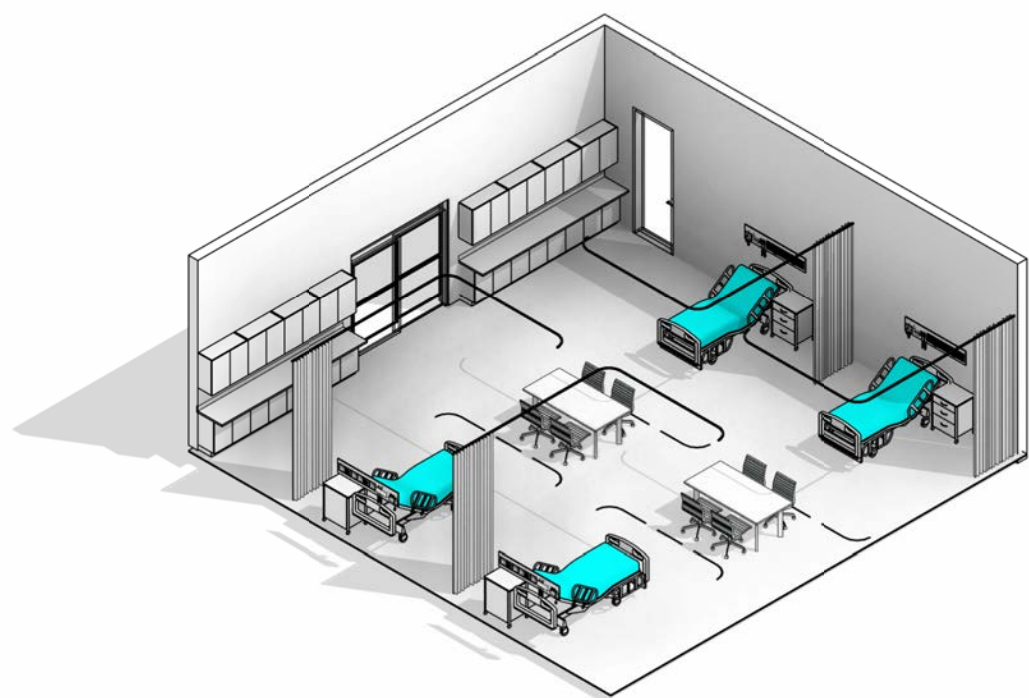
REMARKS:
Shared CPR, respiratory models and other models



C4-3

ACUTE CARE LAB/ADVANCED PRACTICE SKILLS LAB

TASK TRAINING SPACES



<b>UTILIZATION</b> Hours of Operation 8 hours/day 14 hours/day 24 hours/day	<b>PLUMBING</b> Sinks Standard ADA Scully Other Utility sink for washing equipment	<b>AV</b> Distance Learning Video Conferencing Projection Surface Flat screen Monitors Power at Table Data at Table Lectern or Other Ceiling Speakers
<b>OCCUPANCY</b> No. Of Occupants	<b>ELECTRICAL</b> Electrical Raceway 110V, 20A, 1 Phase 208V, 30A, 1 Phase 208V, 30A, 3 Phase 480V, 100A, 3 Phase Emergency/ Standby Power UPS (OFOI) Other	<b>ARCHITECTURAL</b> Walls/Partitions GWB, Paint GWB, Epoxy Paint Other Wall Protection Corner Guards Crash Rails Other Flooring VCT/ Vinyl free tile Sheet Vinyl Concrete Resinous/ Epoxy Carpet 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 Seals
<b>MECHANICAL</b> 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	<b>LIGHTING</b> 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	<b>SECURITY</b> Locks Card Access
<b>CASEWORK/MILLWORK/ FURNITURE</b> 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	<b>EQUIPMENT</b> Exam Table Integrated Diagnostic wall system Patient Bed Bed Locator Headwall Computer Terminal Curtain track Curtain Other <b>ADJACENCY CRITERIA</b> Primary Adjacency Secondary Adjacency <b>PERFORMANCE REQUIREMENTS</b> NC Acoustical Criteria Acoustical Panels Privacy Criteria Other Criteria	

REMARKS:

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

## 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	x	Scullery		Flat screen Monitors	
		Other		Power at Table	
<b>OCCUPANY</b>				Data at Table	
No. Of Occupants				Lectern or Other	
				Ceiling Speakers	
<b>MECHANICAL</b>		<b>ELECTRICAL</b>		<b>ARCHITECTURAL</b>	
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	x
Uncontrolled		UPS (OFOI)		Crash Rails	x
Other < 50%		Other		Other	
15 ACH (Min)		<b>LIGHTING</b>		Flooring	
10 ACH (Min)		Lighting Level		VCT/ Vinyl free tile	x
6 ACH (Min)		80-100 fc at bench/desk (labs)		Sheet Vinyl	
100% Make-up Air		30-60 fc at bench/desk (offices)		Concrete	
Recirculated Air	x	Task Lighting		Resinous/ Epoxy	
Air Pressure Positive		Darkenable or Dimmable		Carpet	
Air Pressure Negative		Special Lighting		Other	
Air Filtration at Supply or Exhaust		Natural Daylight Preferred or not	Not	Base	
Other				4" Rubber	x
				Integral w/floor	
<b>CASEWORK/MILLWORK/ FURNITURE</b>		<b>EQUIPMENT</b>		Ceiling	
Headwall		Exam Table		Open	
Suction/Vacuum		Integrated Diagnostic wall system		Acoustic Tile	x
Oxygen		Patient Bed		Gyp. Board	
Air		Bed Locator		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	Double Doors
Lateral File Cabinets		Other	Shelves	Type	
2 drawer		<b>ADJACENCY CRITERIA</b>		Operable Wall	
3 drawer		Primary Adjacency	Task training lab	Vision Panel	
Vertical File Cabinets		Secondary Adjacency	Primary Care Lab	Special Hardware or Seals	
2 drawer					
3 drawer					
Guest Chairs		<b>PERFORMANCE REQUIREMENTS</b>		<b>SECURITY</b>	
Conference Table		NC Acoustical Criteria		Locks	
Markerboard		Acoustical Panels		Card Access	x
Tackboard		Privacy Criteria			
		Other Criteria			
<b>REMARKS:</b>					
Shared CPR, respiratory models and other models					



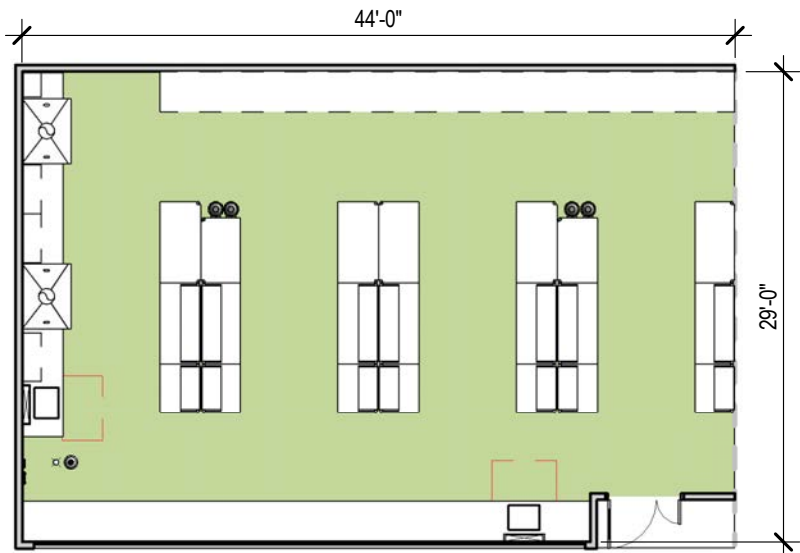
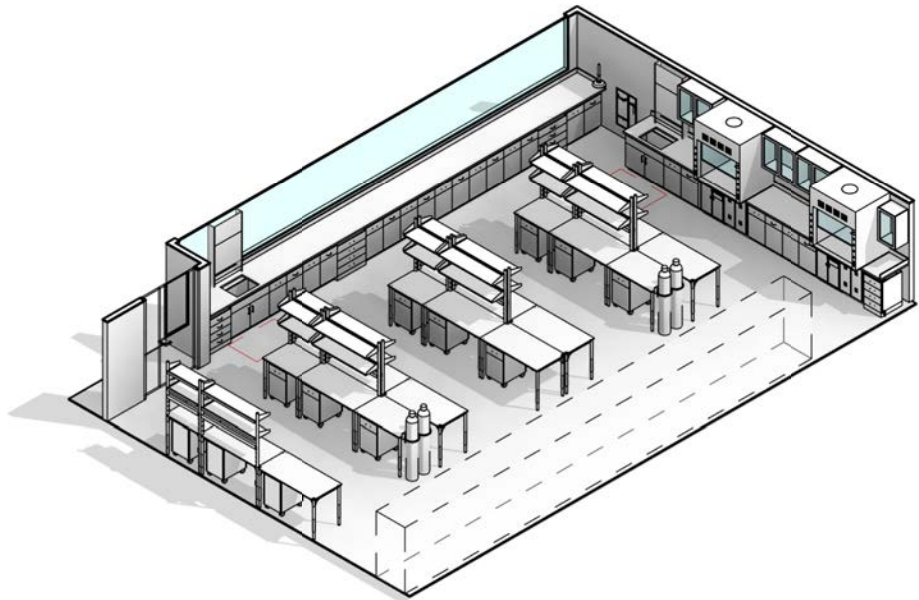






D - RESEARCH LABS  
VIVARIUM  
RESEARCH OFFICES  
WORKSPACES

D1-1  
SYNTHETIC MEDICINAL CHEMISTRY  
RESEARCH LABS




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

REMARKS:

4-4ft hoods, close proximity to NMR

Markerboards throughout lab.

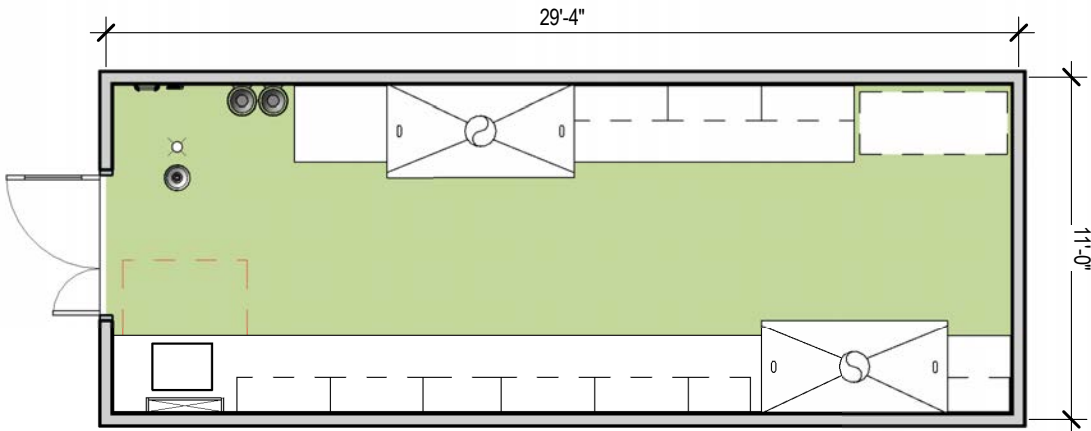
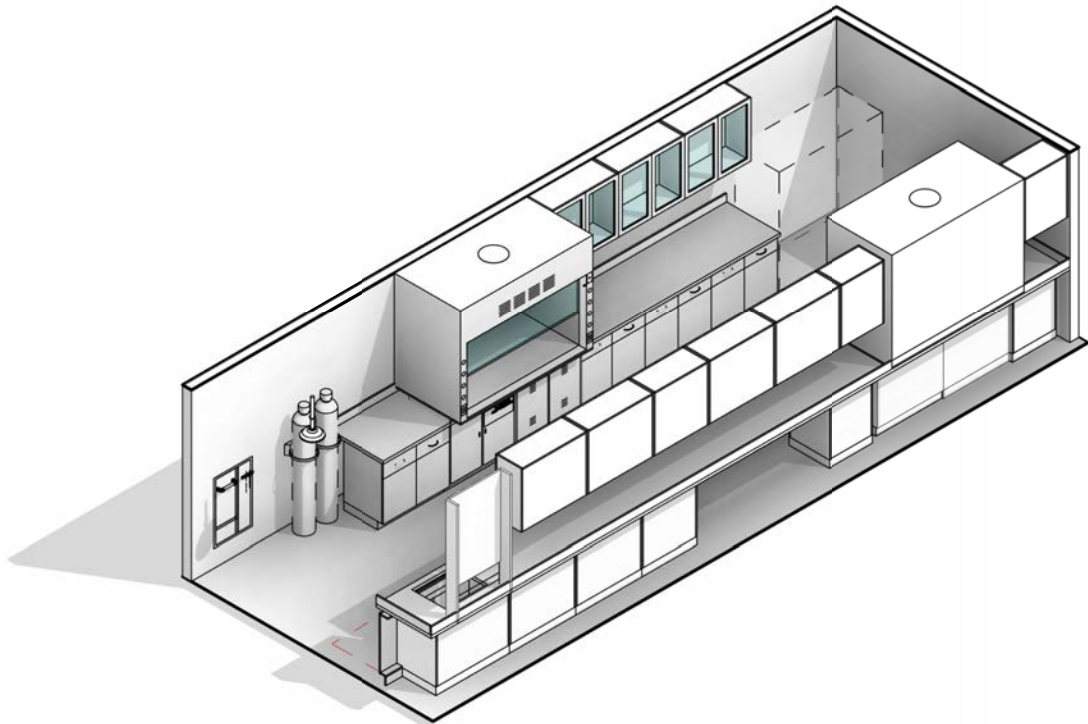
High purity water provided by local unit







D1-3  
SYNTHETIC MEDICINAL CHEMISTRY  
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	
MECHANICAL		Carbon Dioxide (CO <sub>2</sub> )		Power at Table	
Temperature		Compressed Air, 100 f	X	Data at Table	
68°-75° ± 2°F		Chilled Water (CHW S/R)		Lectern or Other	
72°F ± 2°F	x	Nitrogen Gas (N <sub>2</sub> )		Markerboards	X
Other		Helium (He)		ARCHITECTURAL	
Humidity		Argon (Ar)		Walls/Partitions	
50%- 25%± 5%	x	Oxygen (O2)		GWB, Paint	
Uncontrolled		Other		GWB, Epoxy Pain	x
Other < 50%		Sinks		Other	
15 ACH (Min)		Standard	x	Wall Protection	
10 ACH (Min)		ADA	X	Corner Guards	x
6 ACH (Min)	X	Scully		Crash Rails	
100% Make-up Air	X	Services at Sink		Other	
Recirculated Air		Hot Water (HW)	x	Flooring	
Air Pressure Positive		Cold Water (CW)	x	VCT/ Vinyl free tile	
Air Pressure Negative	X	High Purity Water	x	Sheet Vinyl	x
Air Filtration at Supply or Exhaust		Eyewash(EW) or Drer	x	Concrete	
Other		Floor Drain (FD)	x	Resinous/ Epoxy	
PROCESS EXHAUST/HOODS		Floor Sink (FS)		Carpet	
Chemical Fume Hoods		Safety Shower/Eyewash S	X	Other	
Type( Bench/Walk in €	2	Other		Base	
ADA		ELECTRICAL		4" Rubber	
Radioisotope or Perchloric Hood		Electrical Raceway	x	Integral w/floor	x
Biological Safety Cabinet		110V, 20A, 1 Phase	x	Ceiling	
Laminar Flow Hood		208V, 30A, 1 Phase	x	Open	
Snorkel		208V, 30A, 3 Phase		Acoustic Tile	x
Exhaust Port		480V, 100A, 3 Phase		Gyp. Board	
Canopy Hood		Emergency/ Standby Pow	X	Height	10'-0"
Other		UPS (OFOI)		Doors	
EQUIPMENT CRITERIA		Other		Size	
Vibration Sensitivity/ Criteria		LIGHTING		Type	
Light Sensitive		Lighting Level		Vision Panel	
Heat or Vibration Producing		80-100 fc at bench/des	x	Special Hardware or Seals	
Noise Producing		30-60 fc at bench/desk (offices)		CASEWORK/MILLWORK	
Other		Task Lighting	X	Casework Type	
SPECIAL REQUIREMENTS		Darkenable or Dimmable		Fixed	X
Bio/Radioactive Hazard		Special Lighting		Flexible	X
RFI / EMI Shielding		Natural Daylight Preferred	x	Casework Material	Metal
NC Acoustical Criteria		SECURITY		Countertop/ Benchtop	Phenolic
		Locks		Wall Cabinets or Shel	X
		Card Access	x	Tall Storage Cabinets	
				Pegboard	x
				Cabinets Lockable	

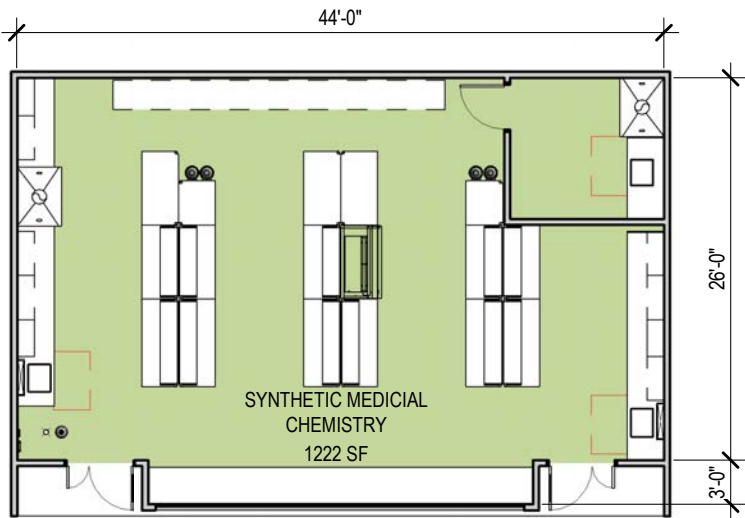
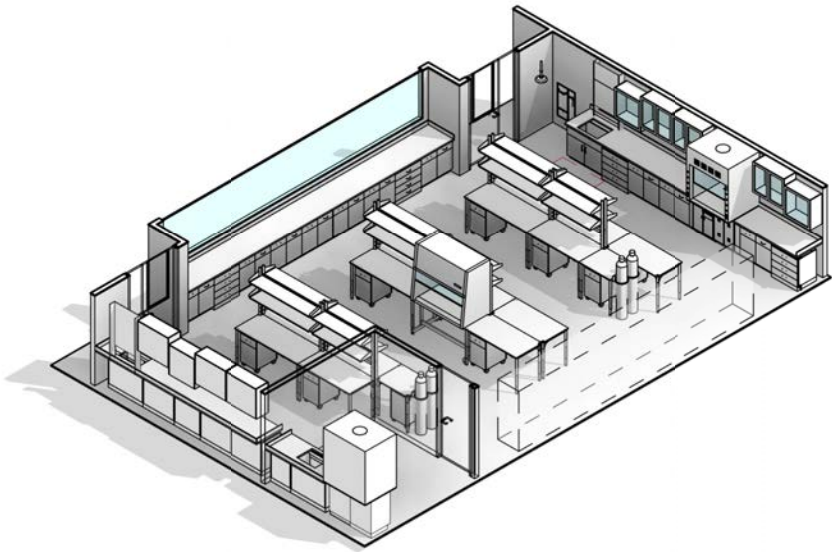
REMARKS:  
2-4ft hoods, close proximity to NMR  
High purity water provided by local unit  
Provide Markerboards



D1-4

MICROBIOLOGY, CELL BIOLOGY

RESEARCH LABS



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

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

PROCESS EXHAUST/HOODS	
Chemical Fume Hoods	
Type( Bench/Walk in )	2
ADA	
Radioisotope or Perchloric Hood	
Biological Safety Cabinet	1
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	

PLUMBING	
Services in Room ( indicate location *)	
Laboratory Gas (LG)	X
Laboratory Vacuum (L	X
Laboratory Air (LA)	X
Carbon Dioxide (CO <sub>2</sub> )	
Compressed Air, 100 p	X
Chilled Water (CHW S/R)	
Nitrogen Gas (N <sub>2</sub> )	
Helium (He)	
Argon (Ar)	
Oxygen (O <sub>2</sub> )	
Other	
Sinks	
Standard	X
ADA	X
Scullery	
Services at Sink	
Hot Water (HW)	X
Cold Water (CW)	X
High Purity Water	X
Eyewash(EW) or Dren	X
Floor Drain (FD)	X
Floor Sink (FS)	
Safety Shower/Eyewash S	X
Other	

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

LIGHTING	
Lighting Level	
80-100 fc at bench/des	X
30-60 fc at bench/desk (offices)	
Task Lighting	X
Darkenable or Dimmable	
Special Lighting	
Natural Daylight Preferred	X

SECURITY	
Locks	
Card Access	X

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	
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
Wall Cabinets or Shel	X
Tall Storage Cabinets	
Pegboard	X
Cabinets Lockable	

REMARKS:

2-4ft hoods, 1-bsc, close to vivarium

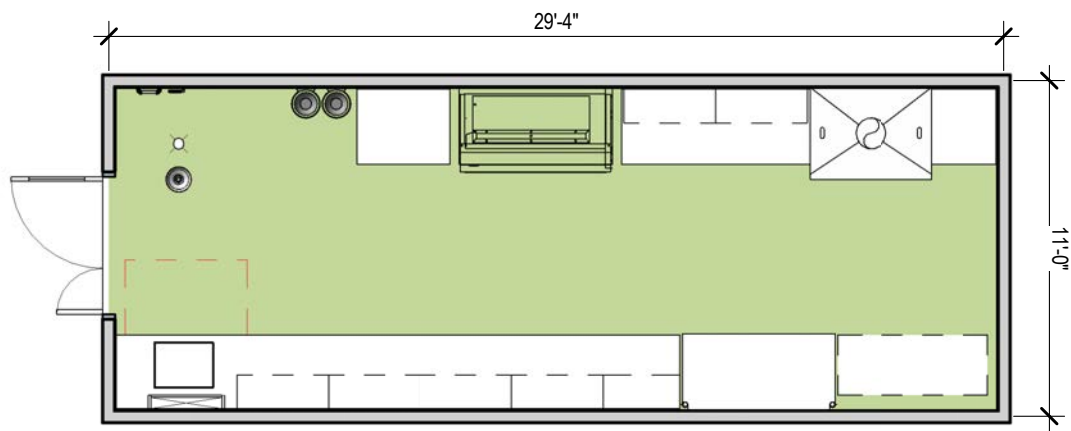
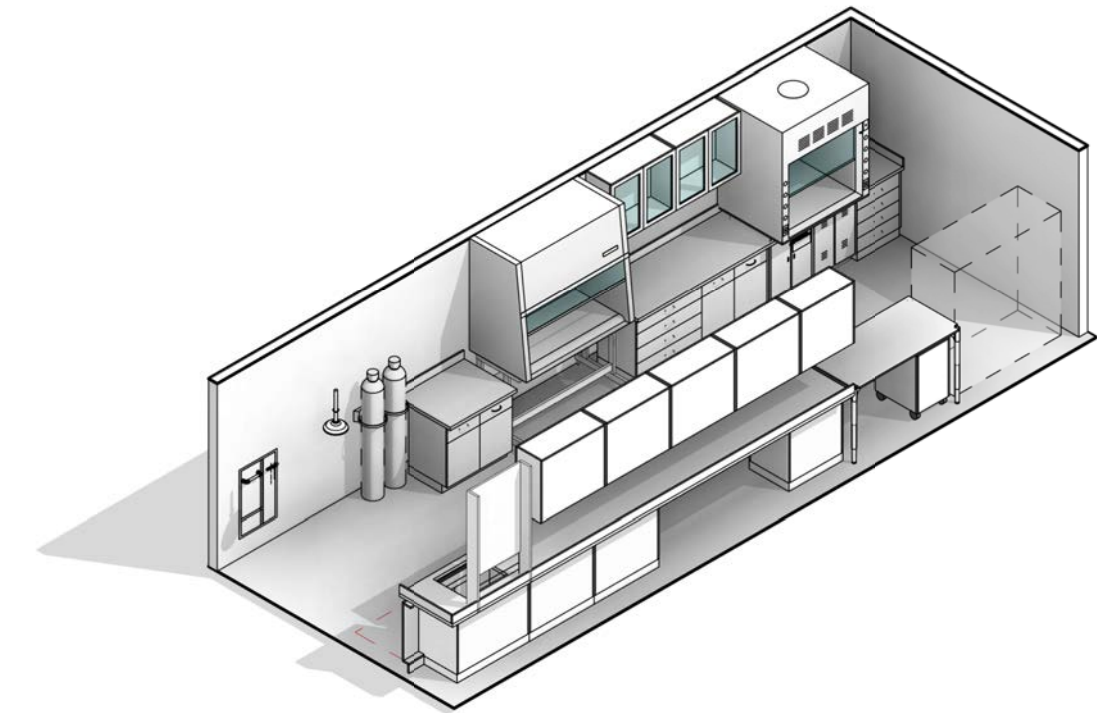
High purity water provided by local unit

Provide Markerboards





D1-5  
MICROSCOPY, CELL BIOLOGY  
RESEARCH LABS



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

REMARKS:  
2-4ft hoods, 1-Class II A2 BSC  
High purity water provided by local unit  
Provide markboards  
Vibration sensitive equipment



**D1-6**  
**PHARMACOLOGY RESEARCH**  
RESEARCH LABS

[illegible]

# h+k

**D1-7**  
**PHARMACOLOGY RESEARCH**  
RESEARCH LABS

<b>UTILIZATION</b>		<b>PLUMBING</b>		<b>AV</b>	
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 (CO <sub>2</sub> )		Power at Table	
<b>MECHANICAL</b>		Compressed Air, 100 p	X	Data at Table	
Temperature		Chilled Water (CHW S/R)		Lectern or Other	
68°-75° ± 2°F		Nitrogen Gas (N <sub>2</sub> )		Markerboards	X
72°F ± 2°F	x	Helium (He)			
Other		Argon (Ar)		<b>ARCHITECTURAL</b>	
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	
		Other		Other	
<b>PROCESS EXHAUST/HOODS</b>				Base	
Chemical Fume Hoods		<b>ELECTRICAL</b>		4" Rubber	
Type( Bench/Walk in €	1	Electrical Raceway	x	Integral w/floor	x
ADA		110V, 20A, 1 Phase	x	Ceiling	
Radioisotope or Perchloric Hood		208V, 30A, 1 Phase	x	Open	
Biological Safety Cabinet	2	208V, 30A, 3 Phase		Acoustic Tile	x
Laminar Flow Hood		480V, 100A, 3 Phase		Gyp. Board	
Snorkel		Emergency/ Standby Pow	X	Height	10'-0"
Exhaust Port		UPS (OFOI)		Doors	
Canopy Hood		Other		Size	
Other				Type	
				Vision Panel	
				Special Hardware or Seals	
<b>EQUIPMENT CRITERIA</b>		<b>LIGHTING</b>		<b>CASEWORK/MILLWORK</b>	
Vibration Sensitivity/ Criteria		Lighting Level		Casework Type	
Light Sensitive		80-100 fc at bench/des	x	Fixed	X
Heat or Vibration Producing		30-60 fc at bench/desk (offices)		Flexible	X
Noise Producing		Task Lighting	X	Casework Material	Metal
Other		Darkenable or Dimmable		Countertop/ Benchtop	Phenolic
		Special Lighting		Wall Cabinets or Shel	X
<b>SPECIAL REQUIREMENTS</b>		Natural Daylight Preferred	x	Tall Storage Cabinets	
Bio/Radioactive Hazard		<b>SECURITY</b>		Pegboard	x
RFI / EMI Shielding		Locks		Cabinets Lockable	
NC Acoustical Criteria		Card Access	x		

# h+k

**D1-8**  
**PHARMACOLOGY RESEARCH**  
RESEARCH LABS

[illegible]

## D1-9 FORMULATIONS, STABILITY STUDIES RESEARCH LABS

[illegible]



D1-10  
COGENOMICS  
RESEARCH LABS

[illegible]

REMARKS:

2-4 foot fume hoods, 1-Class II A2 BSC, 1-Class II B2 BSC

High purity water provided by local unit

Provide Markerboards



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

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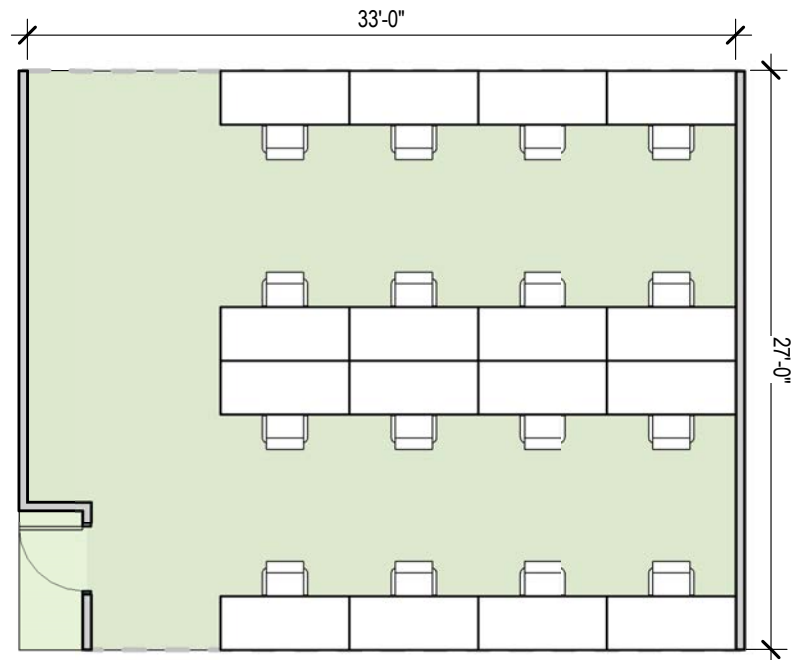
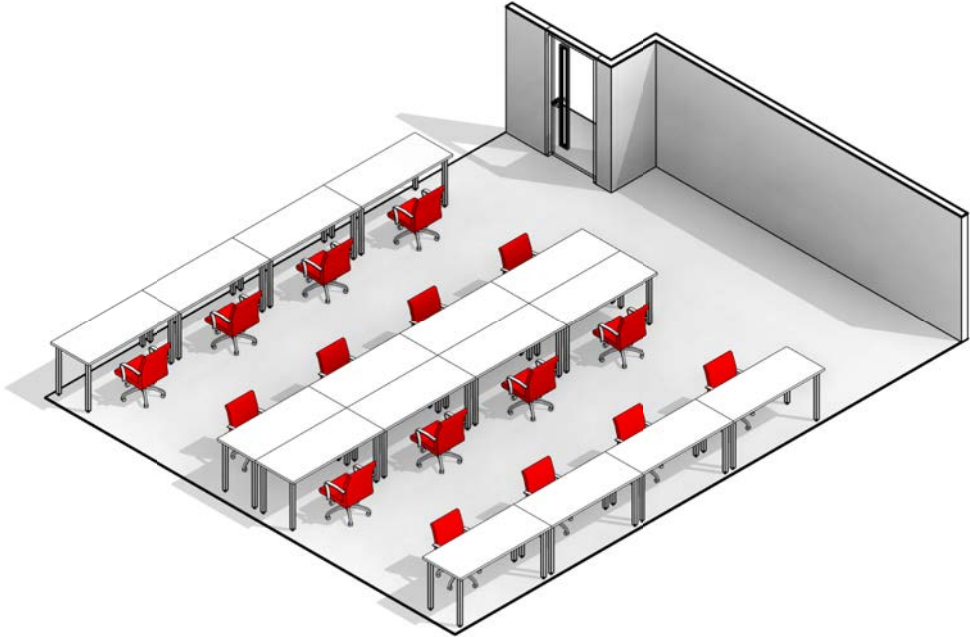
REMARKS:

1-4ft hoods, close proximity to vivarium, 1-ClassII A2 BSC

High purity water provided by local unit

Provide Markerboards
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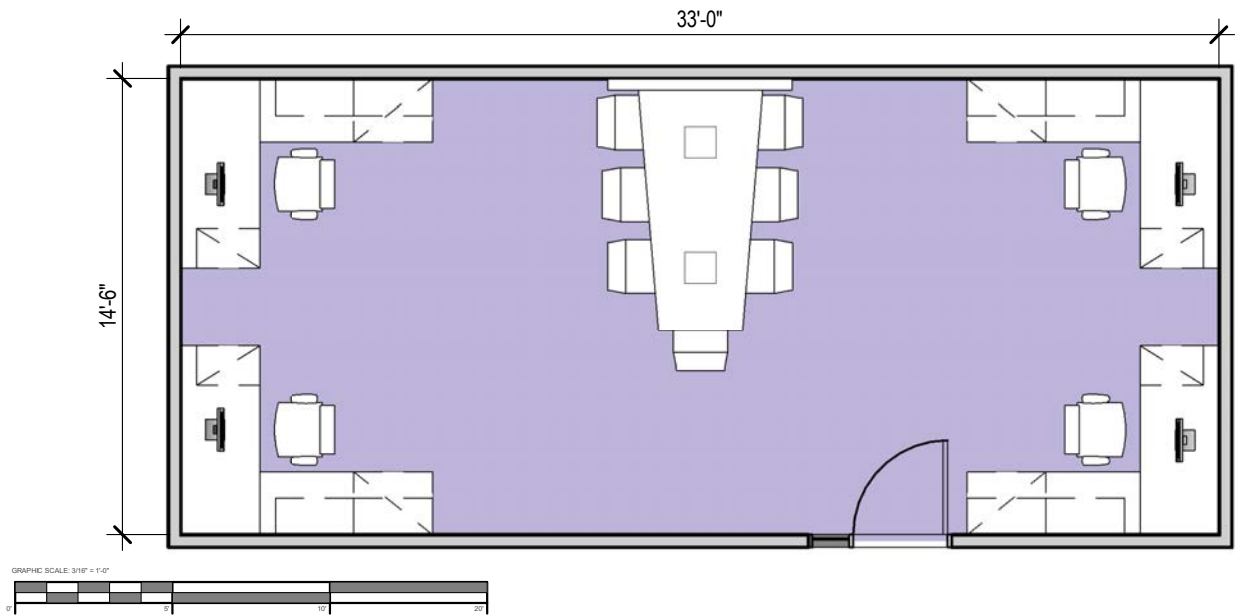
D1-12  
COMPUTATIONAL LAB  
RESEARCH LABS

<b>UTILIZATION</b>		<b>PLUMBING</b>		<b>AV</b>	
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	X
		Carbon Dioxide (CO <sub>2</sub> )		Power at Table	X
		Compressed Air, 100 psi (CA)		Data at Table	X
		Chilled Water (CHW S/R)		Lectern or Other	
		Nitrogen Gas (N <sub>2</sub> )		Markerboards	X
		Helium (He)			
		Argon (Ar)			
		Oxygen (O <sub>2</sub> )			
		Other			
		Sinks			
		Standard			
		ADA			
		Scully			
		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			
		<b>ELECTRICAL</b>			
		Electrical Raceway			
		110V, 20A, 1 Phase			
		208V, 30A, 1 Phase			
		208V, 30A, 3 Phase			
		480V, 100A, 3 Phase			
		Emergency/ Standby Pow			
		UPS (OFOI)			
		Other			
		<b>LIGHTING</b>			
		Lighting Level			
		80-100 fc at bench/desk (labs)			
		30-60 fc at bench/desk			
		Task Lighting			
		Darkenable or Dimmable			
		Special Lighting			
		Natural Daylight Preferred or not			
		<b>SECURITY</b>			
		Locks			
		Card Access			
		<b>ARCHITECTURAL</b>			
		Walls/Partitions			
		GWB, Paint			
		GWB, Epoxy Paint			
		Other			
		Wall Protection			
		Corner Guards			
		Crash Rails			
		Other			
		Flooring			
		VCT/ Vinyl free tile			
		Sheet Vinyl			
		Concrete			
		Resinous/ Epoxy			
		Carpet			
		Other			
		Base			
		4" Rubber			
		Integral w/floor			
		Ceiling			
		Open			
		Acoustic Tile			
		Gyp. Board			
		Height			
		Doors			
		Size			
		Type			
		Vision Panel			
		Special Hardware or Seals			
		<b>CASEWORK/MILLWORK</b>			
		Casework Type			
		Fixed			
		Flexible			
		Casework Material			
		Countertop/ Benchtop			
		Wall Cabinets or Shelves			
		Tall Storage Cabinets			
		Pegboard			
		Cabinets Lockable			

<b>REMARKS:</b>	
8 workstations	
Markerboards	



D1-13  
EPIDEMIOLOGY LAB  
RESEARCH LABS



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

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

PLUMBING	
Services in Room ( indicate location *)	
Laboratory Gas (LG)	
Laboratory Vacuum (LV)	
Laboratory Air (LA)	
Carbon Dioxide (CO <sub>2</sub> )	
Compressed Air, 100 psi (CA)	
Chilled Water (CHW S/R)	
Nitrogen Gas (N <sub>2</sub> )	
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	x
110V, 20A, 1 Phase	x
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)	
30-60 fc at bench/desk	x
Task Lighting	x
Darkenable or Dimmable	
Special Lighting	
Natural Daylight Preferred or not	

SECURITY	
Locks	
Card Access	x

AV	
Distance Learning	
Video Conferencing	
Projection Surface	
Flat screen Monitors	x
Power at Table	x
Data at Table	x
Lectern or Other	
Markerboards	x

ARCHITECTURAL	
Walls/Partitions	
GWB, Paint	x
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	x
Integral w/floor	
Ceiling	
Open	
Acoustic Tile	x
Gyp. Board	
Height	10'-0"
Doors	
Size	
Type	
Vision Panel	
Special Hardware or Seals	

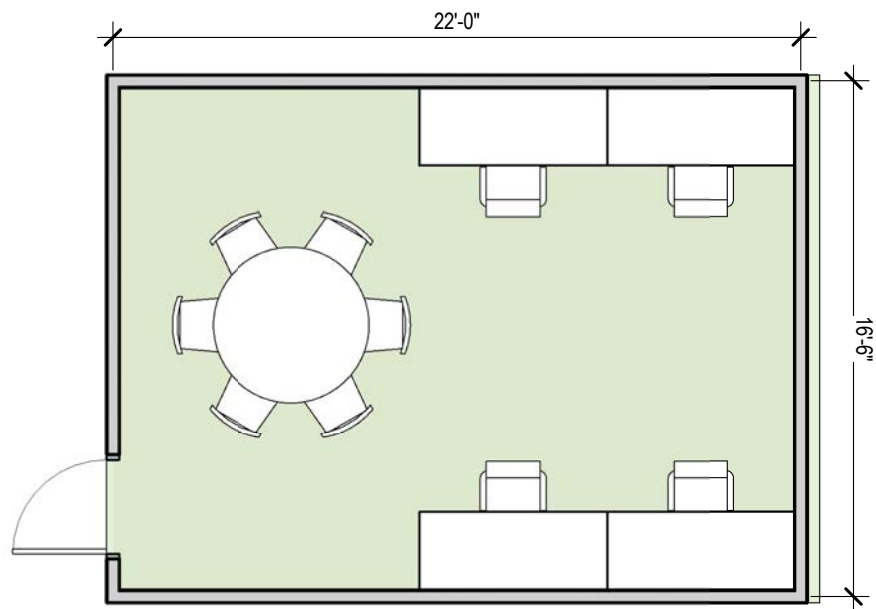
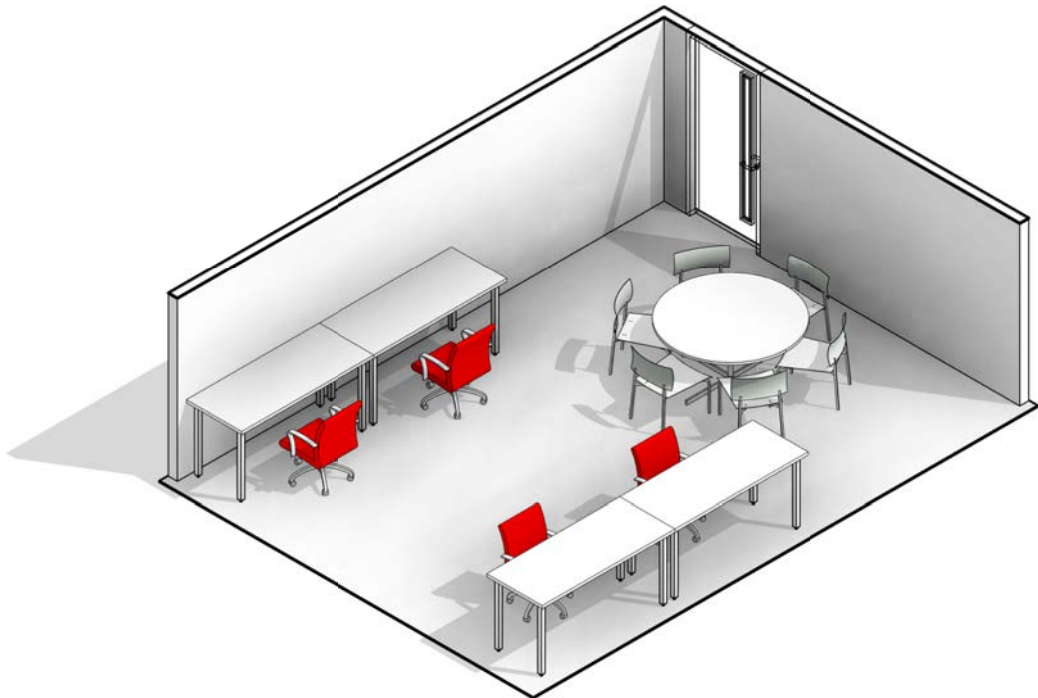
CASEWORK/MILLWORK	
Casework Type	
Fixed	
Flexible	
Casework Material	
Countertop/ Benchtop	
Wall Cabinets or Shelves	
Tall Storage Cabinets	
Pegboard	
Cabinets Lockable	

REMARKS:  
4 workstations





D1-14  
NURSING COMMUNITY RESEARCH  
RESEARCH LABS



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

<b>REMARKS:</b>	
4 workstations	



D1-15  
NMR LAB/SUPPORT  
RESEARCH LABS

[illegible]

REMARKS:

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



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

<b>UTILIZATION</b>		<b>PLUMBING</b>		<b>AV</b>	
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 Monitors	
		Carbon Dioxide (CO <sub>2</sub> )		Power at Table	
<b>MECHANICAL</b>		Compressed Air, 100 p	X	Data at Table	
Temperature		Chilled Water (CHW S/R)		Lectern or Other	
68°-75° ± 2°F		Nitrogen Gas (N <sub>2</sub> )		Markerboards	X
72°F ± 2°F	x	Helium (He)			
Other		Argon (Ar)		<b>ARCHITECTURAL</b>	
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)		Concrete	
Other		Floor Sink (FS)		Resinous/ Epoxy	
		Safety Shower/Eyewash S	X	Carpet	
		Other		Other	
<b>PROCESS EXHAUST/HOODS</b>				Base	
Chemical Fume Hoods		<b>ELECTRICAL</b>		4" Rubber	
Type( Bench/Walk in €	2	Electrical Raceway	x	Integral w/floor	x
ADA		110V, 20A, 1 Phase	x	Ceiling	
Radioisotope or Perchloric Hood		208V, 30A, 1 Phase	x	Open	
Biological Safety Cabinet		208V, 30A, 3 Phase		Acoustic Tile	x
Laminar Flow Hood		480V, 100A, 3 Phase		Gyp. Board	
Snorkel		Emergency/ Standby Pow	X	Height	10'-0"
Exhaust Port		UPS (OFOI)		Doors	
Canopy Hood		Other		Size	
Other				Type	
				Vision Panel	
				Special Hardware or Seals	
<b>EQUIPMENT CRITERIA</b>		<b>LIGHTING</b>		<b>CASEWORK/MILLWORK</b>	
Vibration Sensitivity/ Criteria		Lighting Level		Casework Type	
Light Sensitive		80-100 fc at bench/des	x	Fixed	X
Heat or Vibration Producing		30-60 fc at bench/desk (offices)		Flexible	X
Noise Producing		Task Lighting	X	Casework Material	Metal
Other		Darkenable or Dimmable		Countertop/ Benchtop	Phenolic
		Special Lighting		Wall Cabinets or Shel	X
<b>SPECIAL REQUIREMENTS</b>		Natural Daylight Preferred	x	Tall Storage Cabinets	
Bio/Radioactive Hazard		<b>SECURITY</b>		Pegboard	x
RFI / EMI Shielding		Locks		Cabinets Lockable	
NC Acoustical Criteria		Card Access	x		

REMARKS:

High purity water provided by local unit



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

[illegible]

**D1-18**  
**FREEZER ROOM**  
RESEARCH LABS

[illegible]



D1-19  
E WASH ROOM  
RESEARCH LABS

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

REMARKS:

Autoclave, glassware washer, ice machine. Provide service area with adequate clearances for maintenance and access into service area.

Slip resistant, thermal shock resistant polyurethane floor



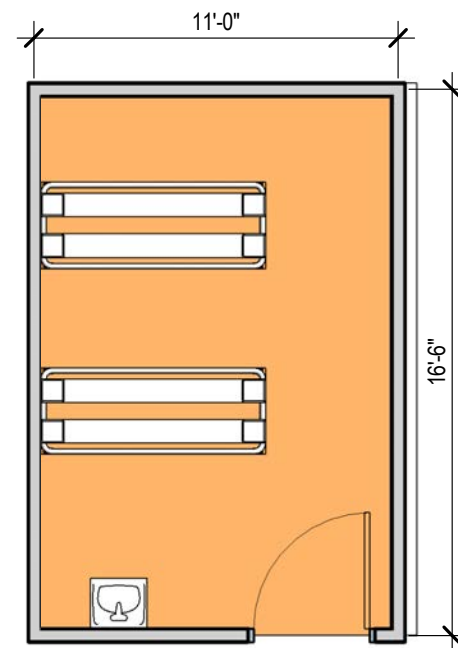
D2-2  
GOWN-IN ENTRY VESTIBULE  
VIVARIUM

[illegible]

REMARKS:

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





**D2-3**  
**HOLDING ROOM**  
VIVARIUM

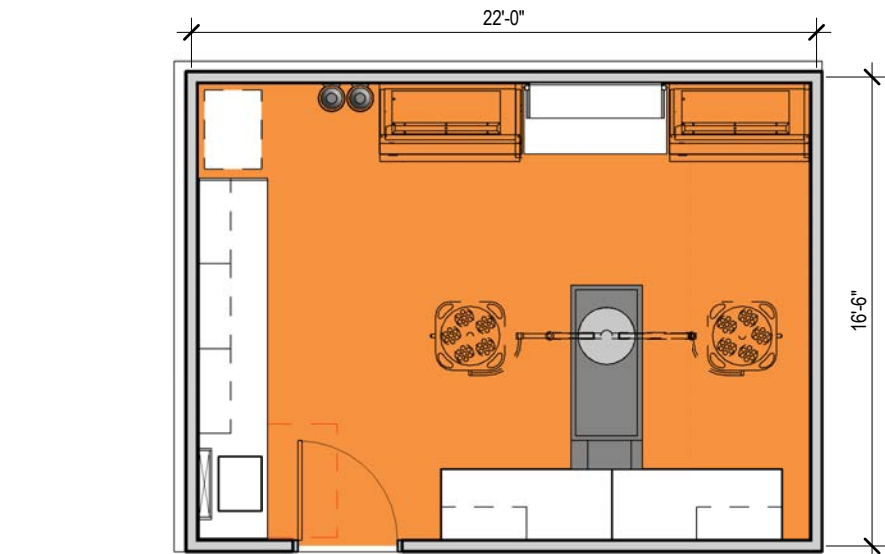
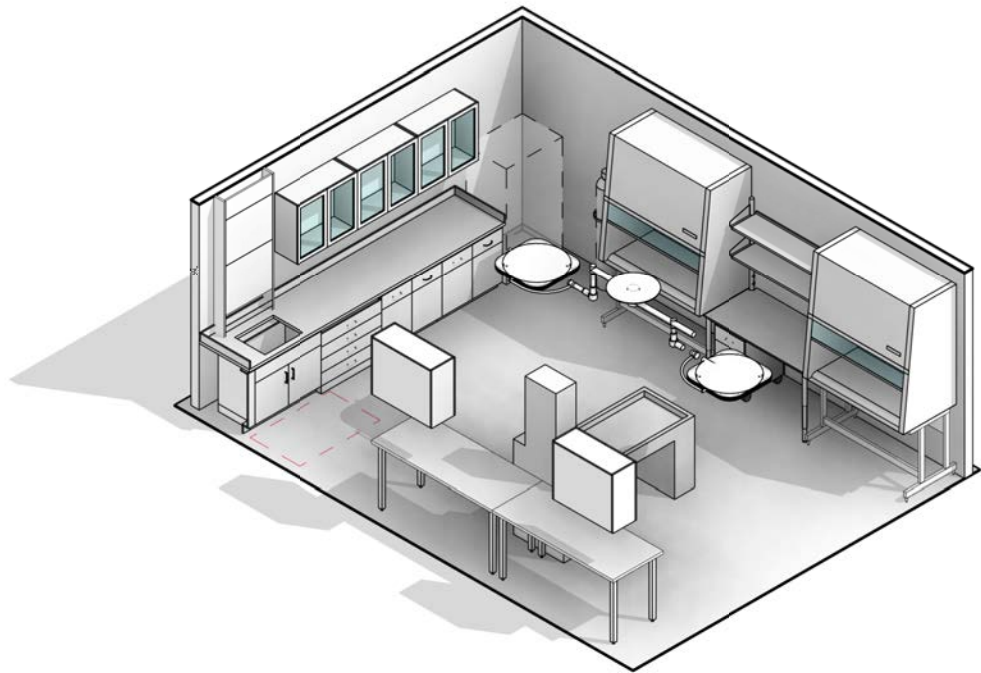
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## REMARKS:

2-double sided IVC cage racks.



D2-4  
SURGICAL ROOM  
VIVARIUM



UTILIZATION

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

MECHANICAL

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

PROCESS EXHAUST/HOODS

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

EQUIPMENT CRITERIA

Vibration Sensitivity/ Crit	VC-A
Light Sensitive	X
Heat or Vibration Producing	
Noise Producing	
Other	

SPECIAL REQUIREMENTS

Bio/Radioactive Hazard	
RFI / EMI Shielding	
NC Acoustical Criteria	

PLUMBING

Services in Room ( indicate location *)	
Laboratory Gas (LG)	
Laboratory Vacuum (L)	X
Laboratory Air (LA)	X
Carbon Dioxide (CO <sub>2</sub> )	
Compressed Air, 100 psi (CA)	
Chilled Water (CHW S/R)	
Nitrogen Gas (N <sub>2</sub> )	
Helium (He)	
Argon (Ar)	
Oxygen (O <sub>2</sub> )	
Other	
Sinks	
Standard	X
ADA	
Scullery	
Services at Sink	
Hot Water (HW)	X
Cold Water (CW)	X
High Purity Water	X
Eyewash(EW) or Dren	X
Floor Drain (FD)	X
Floor Sink (FS)	
Safety Shower/Eyewash Station (SS)	
Other	

ELECTRICAL

Electrical Raceway	X
110V, 20A, 1 Phase	X
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/des	X
30-60 fc at bench/desk (offices)	
Task Lighting	
Darkenable or Dimmable	
Special Lighting	X
Natural Daylight Preferred	NO
SURGICAL LIGHT BOOM	

SECURITY

Locks	
Card Access	X

AV

Distance Learning	
Video Conferencing	
Projection Surface	
Flat screen Monitors	
Power at Table	
Data at Table	
Lectern or Other	
Markerboards	

ARCHITECTURAL

Walls/Partitions	
GWB, Paint	
GWB, Epoxy Pain	x
Other	
Wall Protection	
Corner Guards	X
Crash Rails	X
Other	
Flooring	
VCT/ Vinyl free tile	
Sheet Vinyl	
Concrete	
Resinous/ Epoxy	X
Carpet	
Other	
Base	
4" Rubber	
Integral w/floor	X
Ceiling	
Open	
Acoustic Tile	
Gyp. Board	X
Height	10'-0"
Doors	
Size	48"
Type	
Vision Panel	
Special Hardware	X

CASEWORK/MILLWORK

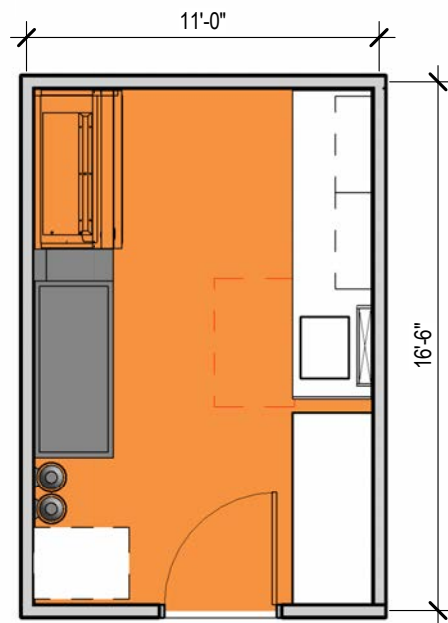
Casework Type	
Fixed	X
Flexible	X
Casework Material	stainless steel
Countertop/ Benchtop	stainless steel
Wall Cabinets or Shel	stainless steel
Tall Storage Cabinets	
Pegboard	X
Cabinets Lockable	

REMARKS:

Necropsy table, double light surgical boom, 1-4ft fume hood, 1-Class II A2 BSC, Chemical Storage Cabinets, Cylinder Brackets







D2-5  
PROCEDURE ROOM  
VIVARIUM

[illegible]

## REMARKS:

Necropsy table, 1-Class II A2, Chemical Storage Cabinet, cylinder brackets



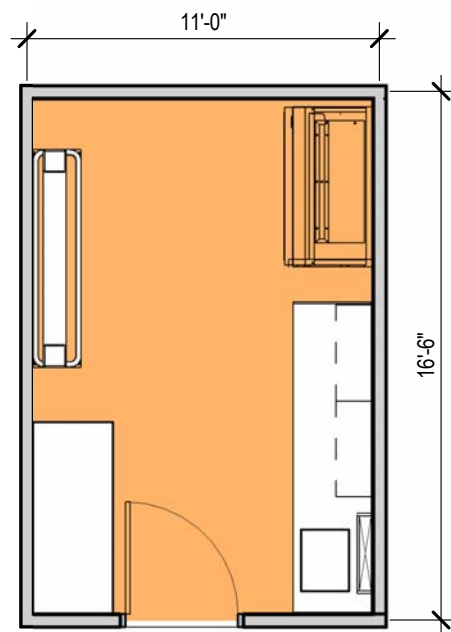
D2-6  
ISOLATION ROOMS  
VIVARIUM

<b>UTILIZATION</b>		<b>PLUMBING</b>		<b>AV</b>	
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 (CO <sub>2</sub> )		Power at Table	
		Compressed Air, 100 psi (CA)		Data at Table	
		Chilled Water (CHW S/R)		Lectern or Other	
		Nitrogen Gas (N <sub>2</sub> )		Markerboards	
		Helium (He)			
		Argon (Ar)			
		Oxygen (O <sub>2</sub> )			
		Other			
<b>MECHANICAL</b>		Sinks		<b>ARCHITECTURAL</b>	
Temperature		Standard		Walls/Partitions	
68°-75° ± 2°F		ADA		GWB, Paint	
72°F ± 2°F	x	Scullery		GWB, Epoxy Pain	
Other		Services at Sink		Other	
Humidity		Hot Water (HW)		Wall Protection	
50%- 25%± 5%	x	Cold Water (CW)		Corner Guards	
Uncontrolled		High Purity Water		Crash Rails	
Other < 50%		Eyewash(EW) or Drench hose		Other	
15 ACH (Min)		Floor Drain (FD)		Flooring	
10 ACH (Min)	X	Floor Sink (FS)		VCT/ Vinyl free tile	
6 ACH (Min)		Safety Shower/Eyewash Station (SS)		Sheet Vinyl	
100% Make-up Air	X	Other		Concrete	
Recirculated Air				Resinous/ Epoxy	
Air Pressure Positive	X			Carpet	
Air Pressure Negative				Other	
Air Filtration at Supply or Exhaust				Base	
Other				4" Rubber	
<b>PROCESS EXHAUST/HOODS</b>		<b>ELECTRICAL</b>		Integral w/floor	
Chemical Fume Hoods		Electrical Raceway		Ceiling	
Type( Bench/Walk in etc.)		110V, 20A, 1 Phase		Open	
ADA		208V, 30A, 1 Phase		Acoustic Tile	
Radioisotope or Perchloric Hood		208V, 30A, 3 Phase		Gyp. Board	
Biological Safety Cabinet		480V, 100A, 3 Phase		Height	
Laminar Flow Hood		Emergency/ Standby Pow		Doors	
Snorkel		UPS (OFOI)		Size	
Exhaust Port		Other		Type	
Canopy Hood				Vision Panel	
Other				Special Hardware	
<b>EQUIPMENT CRITERIA</b>		<b>LIGHTING</b>		<b>CASEWORK/MILLWORK</b>	
Vibration Sensitivity/ Crit		Lighting Level		Casework Type	
VC-A		80-100 fc at bench/des		Fixed	
Light Sensitive		30-60 fc at bench/desk (offices)		Flexible	
Heat or Vibration Producing		Task Lighting		Casework Material	
Noise Producing		Darkenable or Dimmable		Countertop/ Benchtop	
Other		Special Lighting		Wall Cabinets or Shelves	
		Natural Daylight Preferred		Tall Storage Cabinets	
				Pegboard	
				Cabinets Lockable	
<b>SPECIAL REQUIREMENTS</b>		<b>SECURITY</b>			
Bio/Radioactive Hazard		Locks			
RFI / EMI Shielding		Card Access			
NC Acoustical Criteria					

REMARKS:

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



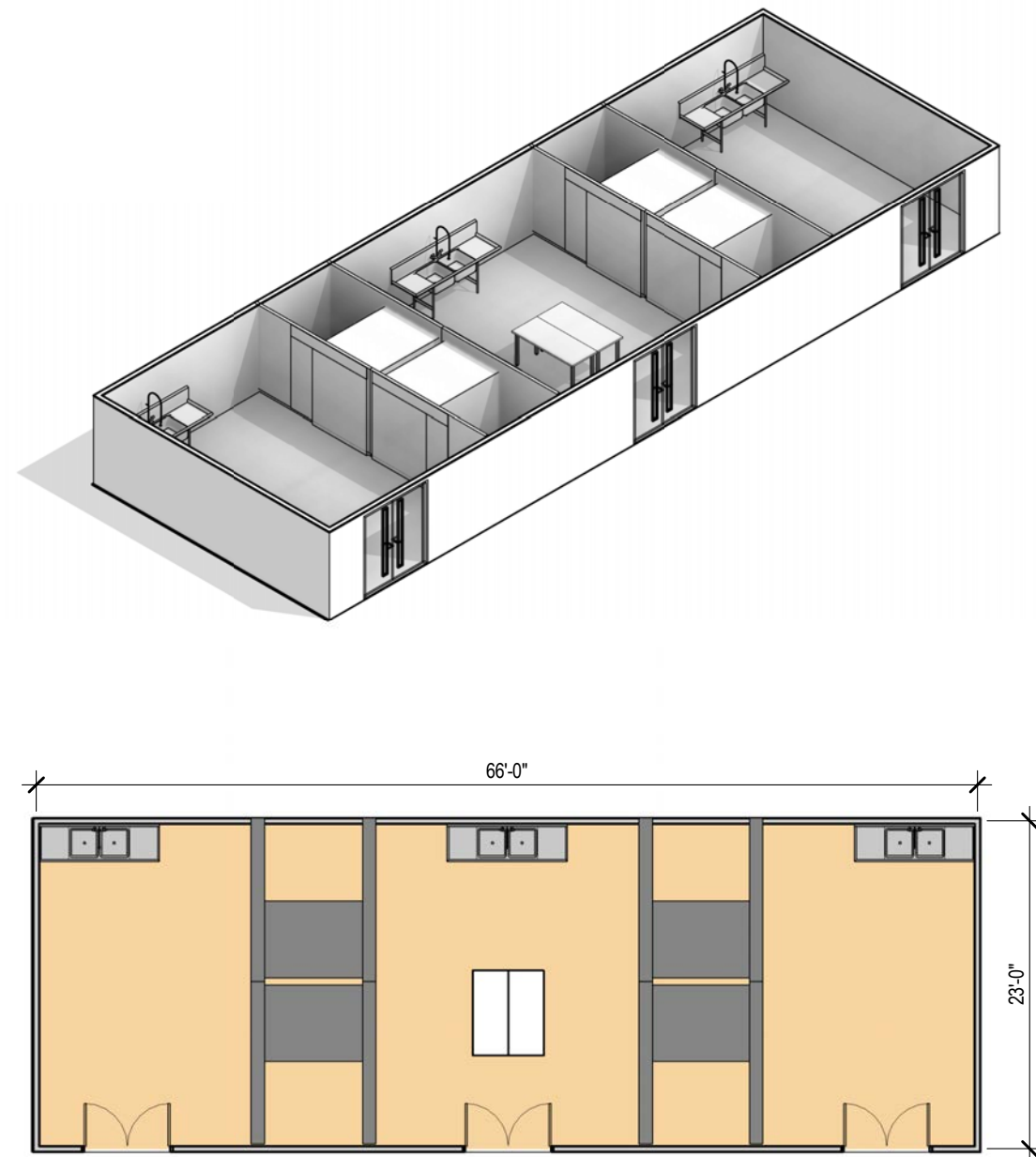
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1-single sided rack, 1 procedure table





**AUTOCLAVE + CAGEWASH (DIRTY/CLEAN/STERILE)**



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


## D2-9 FOOD BEDDING STORAGE

[illegible]

Downloaded from <http://ajph.org/> on November 10, 2015

## D2-10 WASTE/BIOHAZARD STORAGE

[illegible]


 PLOS ONE | <https://doi.org/10.1371/journal.pone.0240000>

**D2-11**  
**HOUSEKEEPING ROOMS**  
VIVARIUM

<b>UTILIZATION</b>		<b>PLUMBING</b>		<b>AV</b>	
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 (CO <sub>2</sub> )		Power at Table	
<b>MECHANICAL</b>		Compressed Air, 100 psi (CA)		Data at Table	
Temperature		Chilled Water (CHW S/R)		Lectern or Other	
68°-75° ± 2°F		Nitrogen Gas (N <sub>2</sub> )		Markerboards	
72°F ± 2°F	x	Helium (He)			
Other		Argon (Ar)		<b>ARCHITECTURAL</b>	
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)	X	Scullery		Corner Guards	X
6 ACH (Min)		Services at Sink		Crash Rails	X
100% Make-up Air	X	Hot Water (HW)		Other	
Recirculated Air		Cold Water (CW)		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)		Concrete	
Other		Floor Sink (FS)		Resinous/ Epoxy	X
		Safety Shower/Eyewash Station (SS)		Carpet	
<b>PROCESS EXHAUST/HOODS</b>		Other		Other	
Chemical Fume Hoods				Base	
Type( Bench/Walk in etc.)		<b>ELECTRICAL</b>		4" Rubber	
ADA		Electrical Raceway		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		Acoustic Tile	
Snorkel		480V, 100A, 3 Phase		Gyp. Board	X
Exhaust Port		Emergency/ Standby Power		Height	10'-0"
Canopy Hood		UPS (OFOI)		Doors	
Other		Other		Size	48"
				Type	
<b>EQUIPMENT CRITERIA</b>		<b>LIGHTING</b>		Vision Panel	
Vibration Sensitivity/ Criteria		Lighting Level		Special Hardware	X
Light Sensitive		80-100 fc at bench/desk (labs)			
Heat or Vibration Producing		30-60 fc at bench/desk	X	<b>CASEWORK/MILLWORK</b>	
Noise Producing		Task Lighting		Casework Type	
Other		Darkenable or Dimmable		Fixed	
		Special Lighting		Flexible	
<b>SPECIAL REQUIREMENTS</b>		Natural Daylight Preferred	or not	Casework Material	
Bio/Radioactive Hazard				Countertop/ Benchtop	
RFI / EMI Shielding		<b>SECURITY</b>		Wall Cabinets or Shel	X
NC Acoustical Criteria		Locks		Tall Storage Cabinets	X
		Card Access	X	Pegboard	
				Cabinets Lockable	

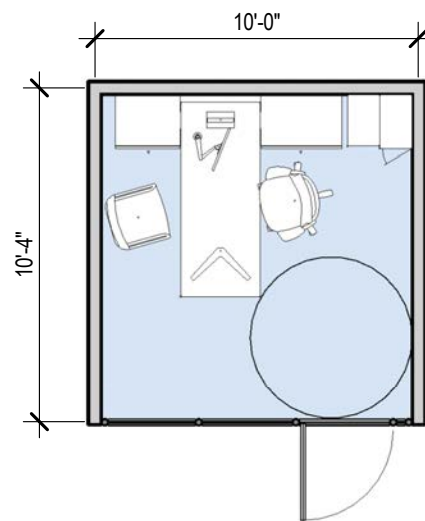
REMARKS:

D2-12  
STAGING AREA  
VIVARIUM

<b>UTILIZATION</b>		<b>PLUMBING</b>		<b>AV</b>	
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 (CO <sub>2</sub> )		Power at Table	
<b>MECHANICAL</b>		Compressed Air,100 psi (CA)		Data at Table	
Temperature		Chilled Water (CHW S/R)		Lectern or Other	
68°-75° ± 2°F		Nitrogen Gas (N <sub>2</sub> )		Markerboards	
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)			
		Other			
<b>PROCESS EXHAUST/HOODS</b>		<b>ELECTRICAL</b>		<b>ARCHITECTURAL</b>	
Chemical Fume Hoods		Electrical Raceway		Walls/Partitions	
Type( Bench/Walk in etc.)		110V, 20A, 1 Phase	X	GWB, Paint	
ADA		208V, 30A, 1 Phase		GWB, Epoxy Paint	x
Radioisotope or Perchloric Hood		208V, 30A, 3 Phase		Other	
Biological Safety Cabinet		480V, 100A, 3 Phase			
Laminar Flow Hood		Emergency/ Standby Power		Wall Protection	
Snorkel		UPS (OFOI)		Corner Guards	X
Exhaust Port		Other		Crash Rails	X
Canopy Hood				Other	
Other					
<b>EQUIPMENT CRITERIA</b>		<b>LIGHTING</b>		<b>Flooring</b>	
Vibration Sensitivity/ Criteria		Lighting Level		VCT/ Vinyl free tile	
Light Sensitive		80-100 fc at bench/desk (labs)		Sheet Vinyl	
Heat or Vibration Producing		30-60 fc at bench/desk	X	Concrete	
Noise Producing		Task Lighting		Resinous/ Epoxy	X
Other		Darkenable or Dimmable		Carpet	
		Special Lighting		Other	
		Natural Daylight Preferred	or not		
<b>SPECIAL REQUIREMENTS</b>		<b>SECURITY</b>		<b>Base</b>	
Bio/Radioactive Hazard		Locks		4" Rubber	
RFI / EMI Shielding		Card Access	X	Integral w/floor	X
NC Acoustical Criteria					
				<b>Ceiling</b>	
				Open	
				Acoustic Tile	
				Gyp. Board	X
				Height	10'-0"
				<b>Doors</b>	
				Size	48"
				Type	
				Vision Panel	
				Special Hardware	X
				<b>CASEWORK/MILLWORK</b>	
				Casework Type	
				Fixed	
				Flexible	
				Casework Material	
				Countertop/ Benchtop	
				Wall Cabinets or Shelf	X
				Tall Storage Cabinets	X
				Pegboard	
				Cabinets Lockable	

REMARKS:





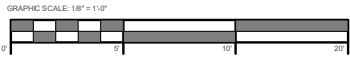
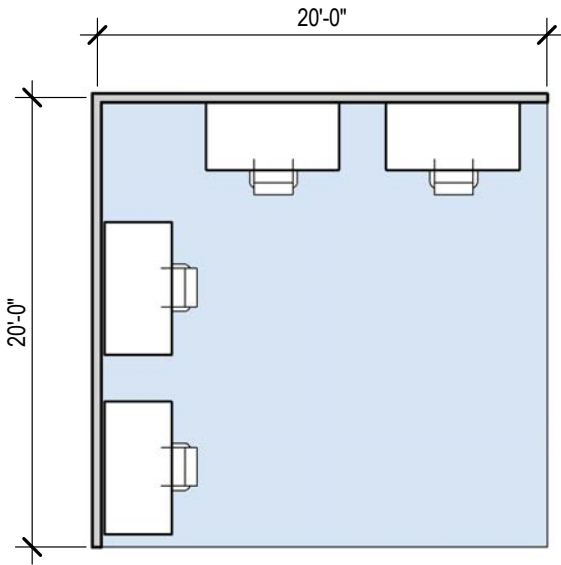
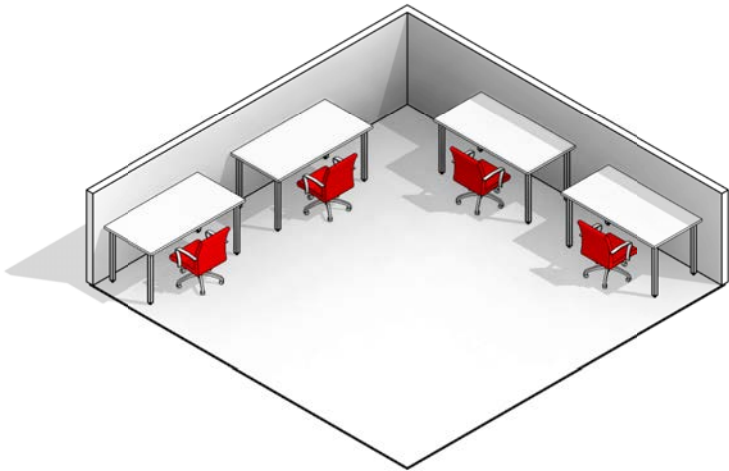
## D3-1 POST DOCS/RA's RESEARCH OFFICES & WORKSPACES

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REMARKS:



D3-2  
GRAD ASSISTANTS  
RESEARCH OFFICES & WORKSPACES



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

OCCUPANY	
No. Of Occupants	

MECHANICAL	
Temperature	
68°-75° ± 2°F	
72°F ± 2°F	x
Other	
Humidity	
50%- 25%± 5%	x
Uncontrolled	
Other < 50%	
15 ACH (Min)	
10 ACH (Min)	
6 ACH (Min)	
100% Make-up Air	
Recirculated Air	x
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	x
Sofa/ Lounge chair	
Lateral File Cabinets	
2 drawer	x
3 drawer	
Vertical File Cabinets	
2 drawer	
3 drawer	
Guest Chairs	
Conference Table	
Markerboard	x
Tackboard	

PLUMBING	
Sinks	
Standard	
ADA	
Scullery	
Other	

ELECTRICAL	
Electrical Raceway	
110V, 20A, 1 Phase	x
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	Yes

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

ADJACENCY CRITERIA	
Primary Adjacency	
Secondary Adjacency	

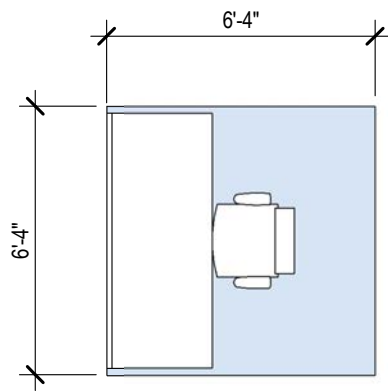
PERFORMANCE REQUIREMENTS	
NC Acoustical Criteria	
Acoustical Panels	
Privacy Criteria	
Other Criteria	

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 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	
Integral w/floor	
Ceiling	
Open	
Acoustic Tile	x
Gyp. Board	
Height	
Window	
One way glass	
Doors	
Size	3'-0"x7'-0"
Type	Single Flush
Operable Wall	
Vision Panel	x
Special Hardware or Seals	

SECURITY	
Locks	
Card Access	x

REMARKS:



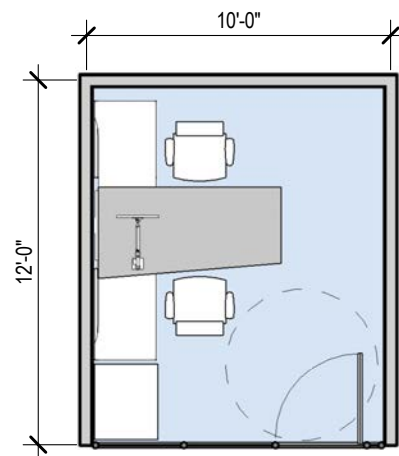
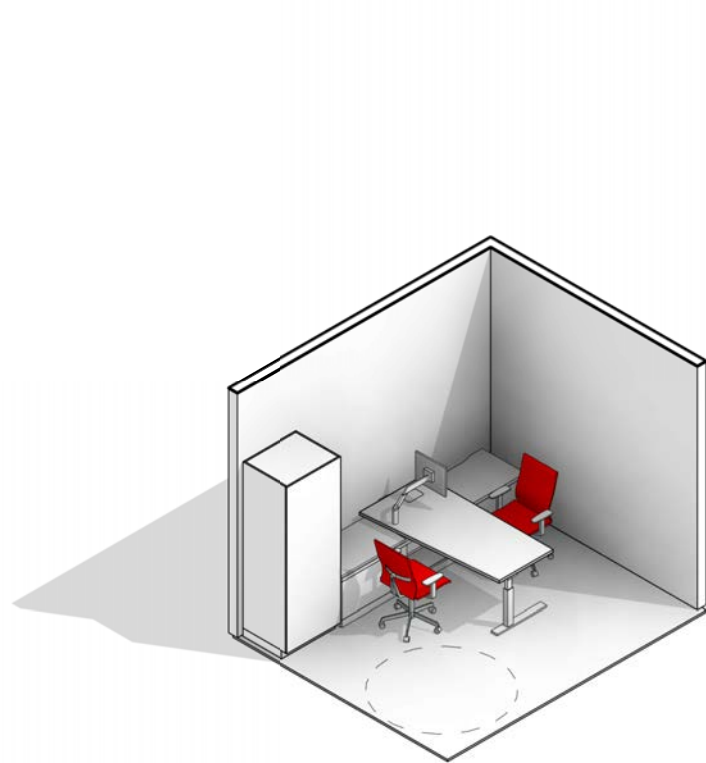
D3-3  
UNDERGRADUATE STUDENTS  
RESEARCH OFFICES & WORKSPACES

<b>UTILIZATION</b>		<b>PLUMBING</b>		<b>AV</b>	
Hours of Operation		Sinks		Distance Learning	
8 hours/day		Standard		Video Conferencing	
14 hours/day	x	ADA		Projection Surface	
24 hours/day		Scullyery		Flat screen Monitors	
		Other		Power at Table	
				Data at Table	
				Lectern or Other	
				Ceiling Speakers	
<b>OCCUPANY</b>		<b>ELECTRICAL</b>		<b>ARCHITECTURAL</b>	
No. Of Occupants		Electrical Raceway		Walls/Partitions	
		110V, 20A, 1 Phase		GWB, Paint	
		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	
		<b>LIGHTING</b>		Flooring	
		Lighting Level		VCT/ Vinyl free til	
		80-100 fc at bench/desk (labs)		Sheet Vinyl	
		30-60 fc at bench/desk (offices)		Concrete	
		Task Lighting		Resinous/ Epoxy	
		Darkenable or Dimmable		Carpet	
		Special Lighting		Other	
		Natural Daylight Preferred		Base	
			Yes	4" Rubber	
				Integral w/floor	
		<b>EQUIPMENT</b>		Ceiling	
		Exam Table		Open	
		Integrated Diagnostic wall system		Acoustic Tile	
		Patient Bed		Gyp. Board	
		Bed Locator		Height	
		Headwall		Window	
		Computer Terminal		One way glass	
		Curtain track		Doors	
		Curtain		Size	
		Other		Type	
		<b>ADJACENCY CRITERIA</b>		Operable Wall	
		Primary Adjacency		Vision Panel	
		Secondary Adjacency		Special Hardware or Seals	
		<b>PERFORMANCE REQUIREMENTS</b>		<b>SECURITY</b>	
		NC Acoustical Criteria		Locks	
		Acoustical Panels		Card Access	
		Privacy Criteria			
		Other Criteria			

REMARKS:







D3-4  
PT/FACULTY OFFICES  
RESEARCH OFFICES & WORKSPACES

<b>UTILIZATION</b> Hours of Operation 8 hours/day 14 hours/day 24 hours/day	<b>PLUMBING</b> Sinks Standard ADA Scullyery Other	<b>AV</b> Distance Learning Video Conferencing Projection Surface Flat screen Monitors Power at Table Data at Table Lectern or Other Ceiling Speakers
<b>OCCUPANY</b> No. Of Occupants	<b>ELECTRICAL</b> Electrical Raceway 110V, 20A, 1 Phase 208V, 30A, 1 Phase 208V, 30A, 3 Phase 480V, 100A, 3 Phase Emergency/ Standby Power UPS (OFOI) Other	<b>ARCHITECTURAL</b> Walls/Partitions GWB, Paint GWB, Epoxy Paint Other Wall Protection Corner Guards Crash Rails Other Flooring VCT/ Vinyl free tile Sheet Vinyl Concrete Resinous/ Epoxy Carpet Other
<b>MECHANICAL</b> 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	<b>LIGHTING</b> 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	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 Seals
<b>CASEWORK/MILLWORK/ FURNITURE</b> 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	<b>EQUIPMENT</b> Exam Table Integrated Diagnostic wall system Patient Bed Bed Locator Headwall Computer Terminal Curtain track Curtain Other <b>ADJACENCY CRITERIA</b> Primary Adjacency Secondary Adjacency <b>PERFORMANCE REQUIREMENTS</b> NC Acoustical Criteria Acoustical Panels Privacy Criteria Other Criteria	<b>SECURITY</b> Locks Card Access

<b>REMARKS:</b> School of Pharmacy PI/ Faculty offices near labs
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D3-5  
PT/FACULTY OFFICES  
RESEARCH OFFICES & WORKSPACES

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	
				Lectern or Other	
				Ceiling Speakers	
OCCUPANY					
No. Of Occupants					
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)		LIGHTING		Flooring	
10 ACH (Min)		Lighting Level		VCT/ Vinyl free tile	x
6 ACH (Min)		80-100 fc at bench/desk (labs)		Sheet Vinyl	
100% Make-up Air		30-60 fc at bench/desk (offices)		Concrete	
Recirculated Air	x	Task Lighting		Resinous/ Epoxy	
Air Pressure Positive		Darkenable or Dimmable		Carpet	
Air Pressure Negative		Special Lighting		Other	
Air Filtration at Supply or Exhaust		Natural Daylight Preferred		Base	
Other		Yes		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	3'-0"x7'-0"
Lateral File Cabinets		Other		Type	Single Flush
2 drawer	x	ADJACENCY CRITERIA		Operable Wall	
3 drawer		Primary Adjacency		Vision Panel	x
Vertical File Cabinets		Secondary Adjacency		Special Hardware or Seals	
2 drawer		PERFORMANCE REQUIREMENTS			
3 drawer		NC Acoustical Criteria			
Guest Chairs		Acoustical Panels			
Conference Table		Privacy Criteria			
Markerboard	x	Other Criteria			
Tackboard					

REMARKS:

School of Pharmacy PI/ Faculty offices near vivarium



D3-6  
PT/FACULTY OFFICES  
RESEARCH OFFICES & WORKSPACES

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	
				Lectern or Other	
				Ceiling Speakers	
OCCUPANY					
No. Of Occupants					
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)		LIGHTING		Flooring	
10 ACH (Min)		Lighting Level		VCT/ Vinyl free tile	x
6 ACH (Min)		80-100 fc at bench/desk (labs)		Sheet Vinyl	
100% Make-up Air		30-60 fc at bench/desk (offices)		Concrete	
Recirculated Air	x	Task Lighting		Resinous/ Epoxy	
Air Pressure Positive		Darkenable or Dimmable		Carpet	
Air Pressure Negative		Special Lighting		Other	
Air Filtration at Supply or Exhaust		Natural Daylight Preferred		Base	
Other		Yes		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	3'-0"x7'-0"
Lateral File Cabinets		Other		Type	Single Flush
2 drawer	x	ADJACENCY CRITERIA		Operable Wall	
3 drawer		Primary Adjacency		Vision Panel	x
Vertical File Cabinets		Secondary Adjacency		Special Hardware or Seals	
2 drawer		PERFORMANCE REQUIREMENTS			
3 drawer		NC Acoustical Criteria			
Guest Chairs		Acoustical Panels			
Conference Table		Privacy Criteria			
Markerboard	x	Other Criteria			
Tackboard					

REMARKS:

Nursing Faculty Office near vivarium



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

<b>UTILIZATION</b>	<b>PLUMBING</b>	<b>AV</b>
Hours of Operation	Sinks	Distance Learning
8 hours/day	Standard	Video Conferencing
14 hours/day	ADA	Projection Surface
24 hours/day	Scullery	Flat screen Monitors
	Other	Power at Table
		Data at Table
		Lectern or Other
		Ceiling Speakers
<b>OCCUPANCY</b>		
No. Of Occupants		
<b>MECHANICAL</b>	<b>ELECTRICAL</b>	<b>ARCHITECTURAL</b>
Temperature	Electrical Raceway	Walls/Partitions
68°-75° ± 2°F	110V, 20A, 1 Phase	GWB, Paint
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%	Emergency/ Standby Power	Corner Guards
Uncontrolled	UPS (OFOI)	Crash Rails
Other < 50%	Other	Other
15 ACH (Min)		Flooring
10 ACH (Min)	<b>LIGHTING</b>	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	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	4" Rubber
		Integral w/floor
<b>CASEWORK/MILLWORK/ FURNITURE</b>	<b>EQUIPMENT</b>	Ceiling
Headwall	Exam Table	Open
Suction/Vacuum	Integrated Diagnostic wall	Acoustic Tile
Oxygen	Patient Bed	Gyp. Board
Air	Bed Locator	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
Lateral File Cabinets	Other	Type
2 drawer		Operable Wall
3 drawer		Vision Panel
Vertical File Cabinets	<b>ADJACENCY CRITERIA</b>	Special Hardware or Seals
2 drawer	Primary Adjacency	
3 drawer	Secondary Adjacency	
Guest Chairs		<b>SECURITY</b>
Conference Table	<b>PERFORMANCE REQUIREMENTS</b>	Locks
Markerboard	NC Acoustical Criteria	Card Access
Tackboard	Acoustical Panels	
	Privacy Criteria	
	Other Criteria	

REMARKS:





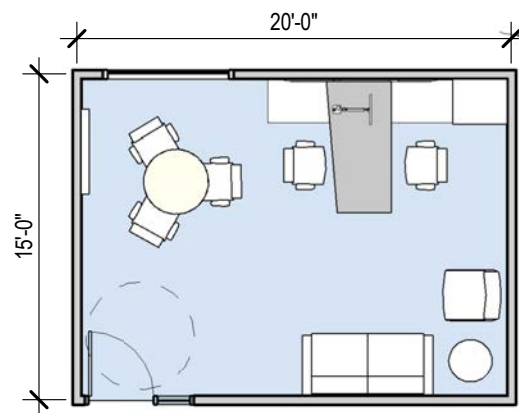
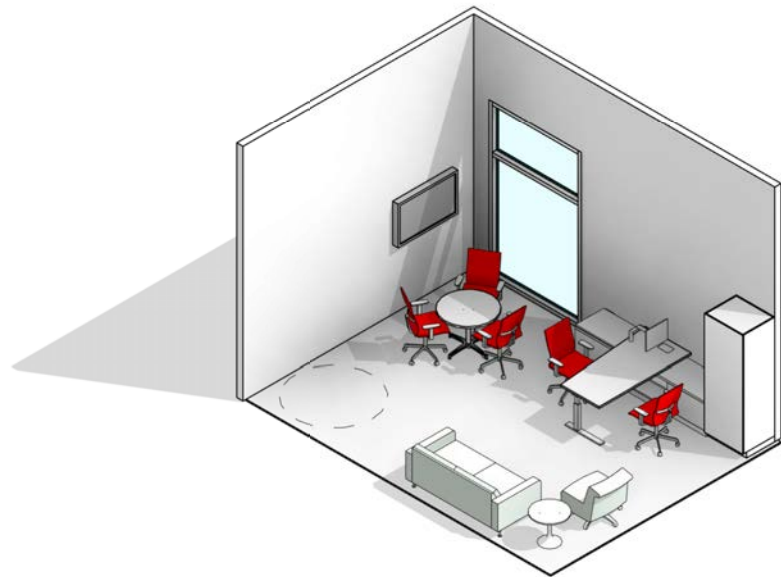








## E - DEANS SUITE, OFFICES AND SHARED WORKPLACE



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

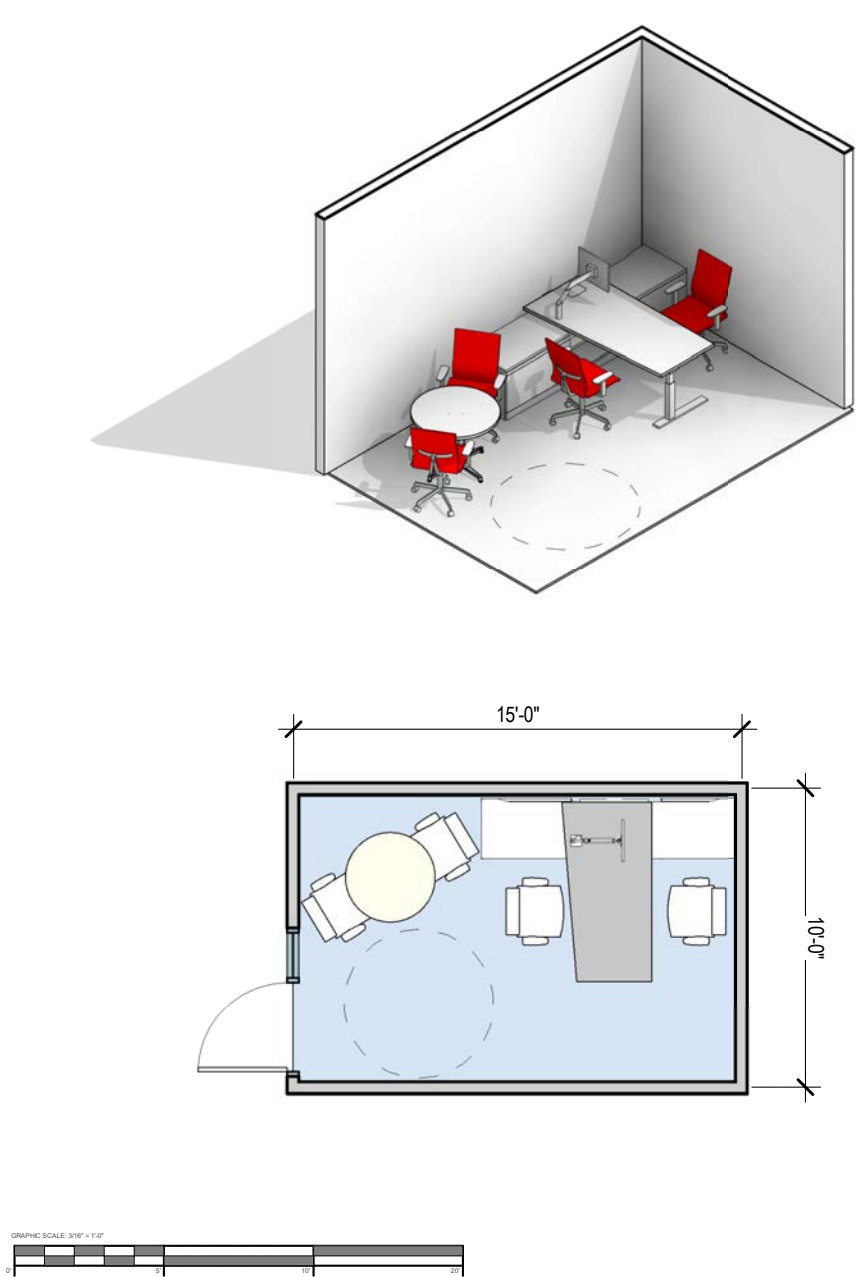
UTILIZATION		PLUMBING		AV	
Hours of Operation		Sinks		Distance Learning	
8 hours/day		Standard		Video Conferencing	x
14 hours/day	x	ADA		Projection Surface	
24 hours/day		Scullery		Flat screen Monitors	x
		Other		Power at Table	x
				Data at Table	x
				Lectern or Other	
				Smartboard	
CLASSROOM OCCUPANCY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

REMARKS:

E1-2

ASSOCIATE/ASSISTANT DEAN OFFICES

SON - DEANS SUITE

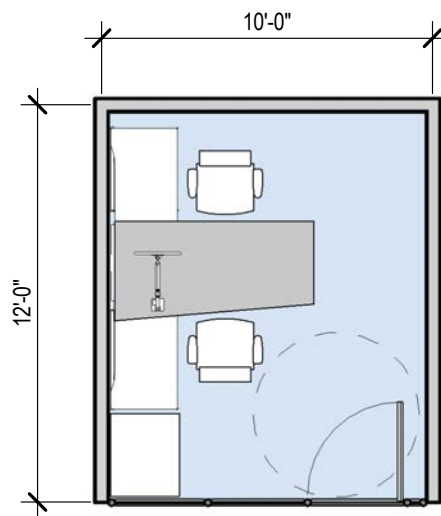
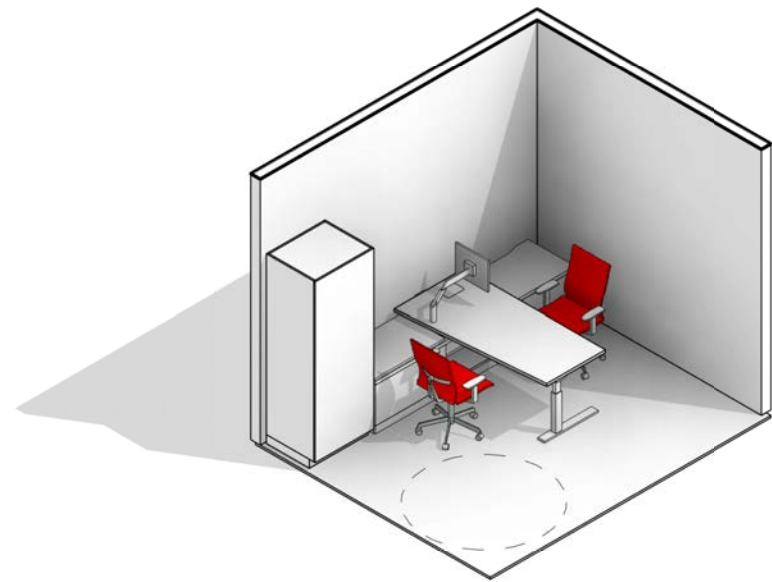


UTILIZATION		PLUMBING		AV	
Hours of Operation		Sinks		Distance Learning	
8 hours/day	x	Standard		Video Conferencing	
14 hours/day		ADA		Projection Surface	
24 hours/day		Scullery		Flat screen Monitors	
		Other		Power at Table	
				Data at Table	
				Lectern or Other	
				Smartboard	
CLASSROOM OCCUPANCY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

REMARKS:

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



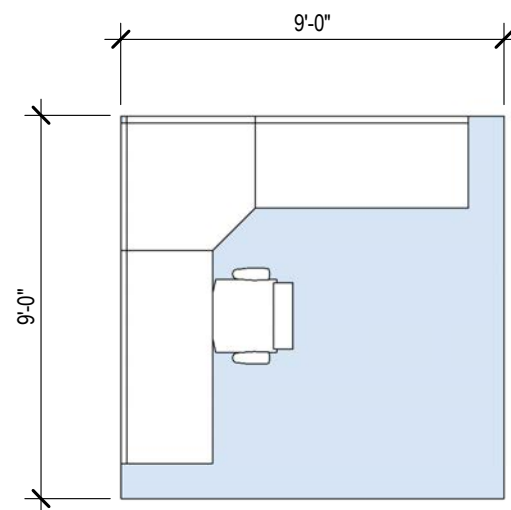


# E1-3 DIRECTORS/ADVISORS/ASST TO THE DEAN SON - DEANS SUITE

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

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

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

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REMARKS:

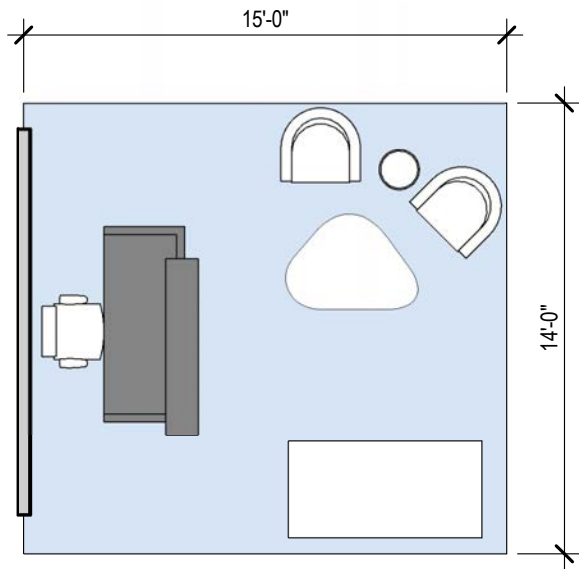
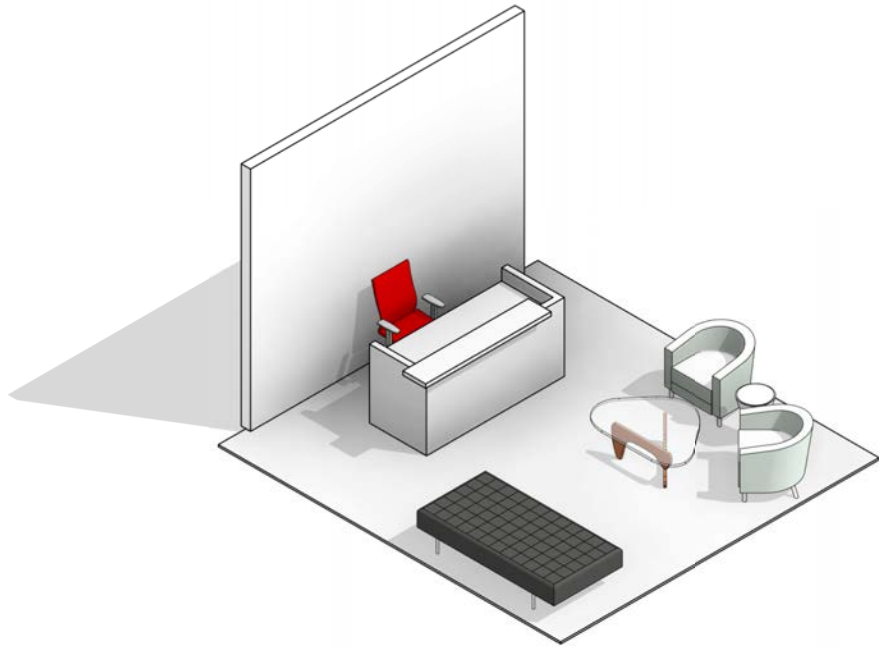


## E1-5 GROWTH/FUTURE HIRES ADMINISTRATION & FACULTY

<b>UTILIZATION</b>		<b>PLUMBING</b>		<b>AV</b>	
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
				Lectern or Other	
				Smartboard	
<b>CLASSROOM OCCUPANCY</b>					
No. Of Occupants	1 to 2				
<b>MECHANICAL</b>		<b>ELECTRICAL</b>		<b>ARCHITECTURAL</b>	
Temperature		Electrical Raceway		Walls/Partitions	
70°-75° ± 1°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		CMU, Paint	
Humidity		480V, 100A, 3 Phase		Other	
50%- 25%± 5%	x	Emergency/ Standby Power		Wall Protection	
Uncontrolled		UPS (OFOI)		Corner Guards	
Other < 50%		Other		Crash Rails	
15 ACH (Min)				Other	
10 ACH (Min)		<b>LIGHTING</b>		Flooring	
6 ACH (Min)		Lighting Level		VCT/ Vinyl free tile	x
100% Make-up Air		80-100 fc at bench/desk (labs)		Sheet Vinyl	
Recirculated Air	x	30-60 fc at bench/desk (offices)	30	Concrete	
Air Pressure Positive		Task Lighting	x	Resinous/ Epoxy	
Air Pressure Negative		Darkenable or Dimmable		Carpet	
Air Filtration at Supply or Exhaust		Special Lighting		Other	
Other		Natural Daylight Preferred or not	x		
<b>CASEWORK/MILLWORK/ FURNITURE</b>		<b>EQUIPMENT</b>		Base	
Space Type		Refrigerator		4" Rubber	x
Private	x	Microwave		Integral w/floor	
Semi Private		Coffee Machine		Ceiling	
Open		Dishwasher		Open	
Guest Seating	x	Printer/ Scanner		Acoustic Tile	x
Table w/ seating for 2-3		Plotter		Gyp. Board	
Wall Cabinets or Shelves		Copier		Height	9'
Sofa/ Lounge chair		Computers	x		
Flexible Furniture		Other		Doors	
Lateral File Cabinets				Size	3'-0"x7'-0"
2 drawer				Type	Single Flush
3 drawer		<b>ADJACENCY CRITERIA</b>		Operable Wall	
Vertical File Cabinets		Primary Adjacency		Vision Panel	X
2 drawer	x	Secondary Adjacency		Special Hardware or Seals	
3 drawer					
Bookcases	x	<b>PERFORMANCE REQUIREMENTS</b>		<b>SECURITY</b>	
Conference Table		NC Acoustical Criteria	35-40	Locks	
Markerboard	x	Acoustical Panels		Card Access	x
Tackboard		Privacy Criteria	Yes		
		Testing Criteria			
		STC Rating	40-45		
<b>REMARKS:</b>					
Consider a forward thinking workplace environment. Open environment or if enclosed, to be glass fronted and have enough room to maneuver a wheelchair. Sit-stand ergonomic furniture.					

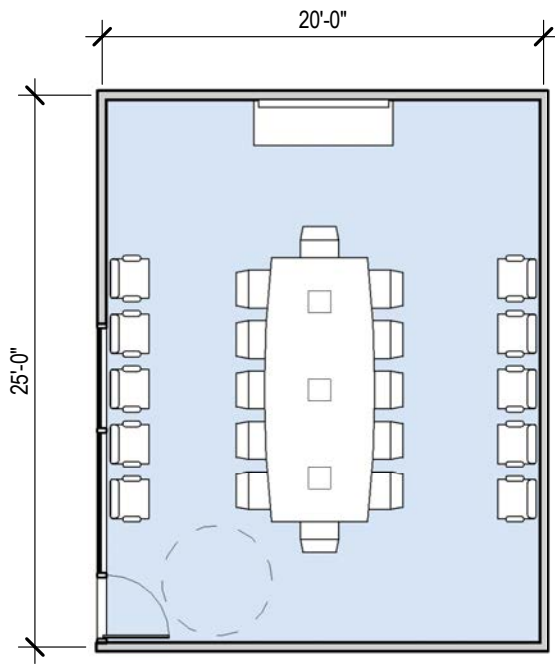
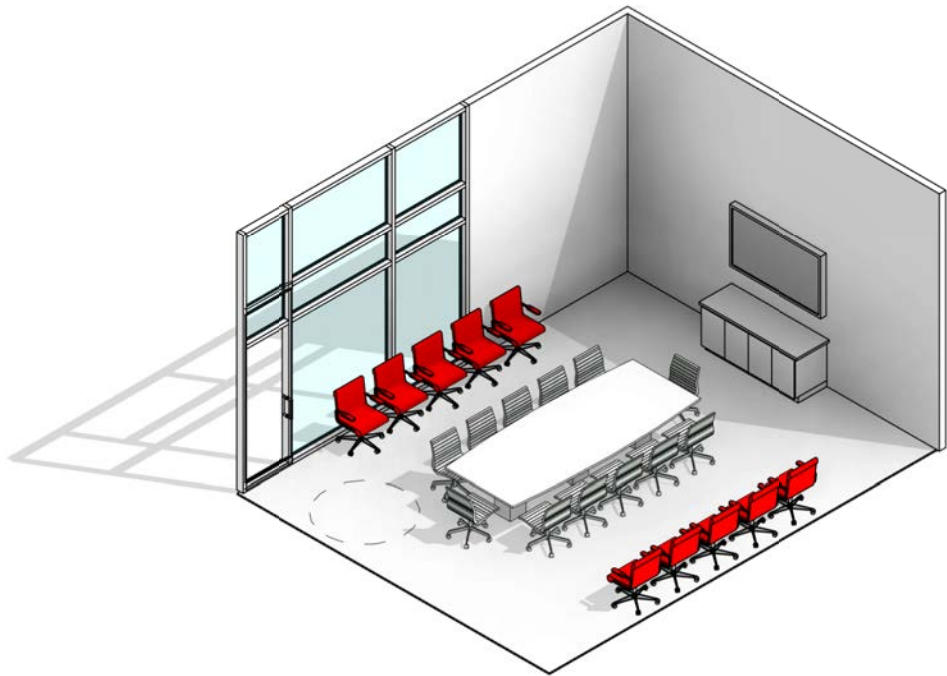


E1-6  
RECEPTION/WAITING  
SON - DEANS SUITE



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

REMARKS:



E1-7  
BOARD ROOM  
SON - DEANS SUITE

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

CLASSROOM OCCUPANY	
No. Of Occupants	

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

CASEWORK/MILLWORK/ FURNITURE	
Space Type	
Private	x
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	x
Conference Table	x
Markerboard	x
Tackboard	

PLUMBING	
Sinks	
Standard	
ADA	
Scullery	
Other	

ELECTRICAL	
Electrical Raceway	
110V, 20A, 1 Phase	x
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)	30
Task Lighting	
Darkenable or Dimmable	x
Special Lighting	
Natural Daylight Preferred or not	x

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

ADJACENCY CRITERIA	
Primary Adjacency	Deans Office
Secondary Adjacency	Kitchenette

PERFORMANCE REQUIREMENTS	
NC Acoustical Criteria	35-40
Acoustical Panels	
Privacy Criteria	
Testing Criteria	
STC Rating	40-45

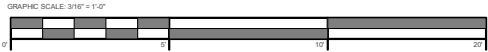
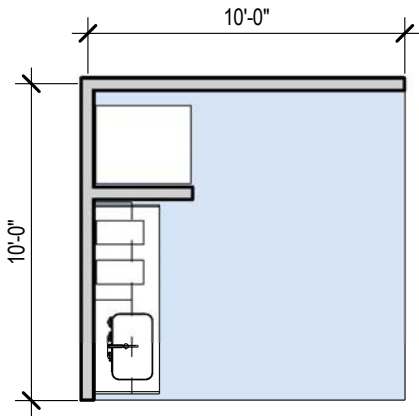
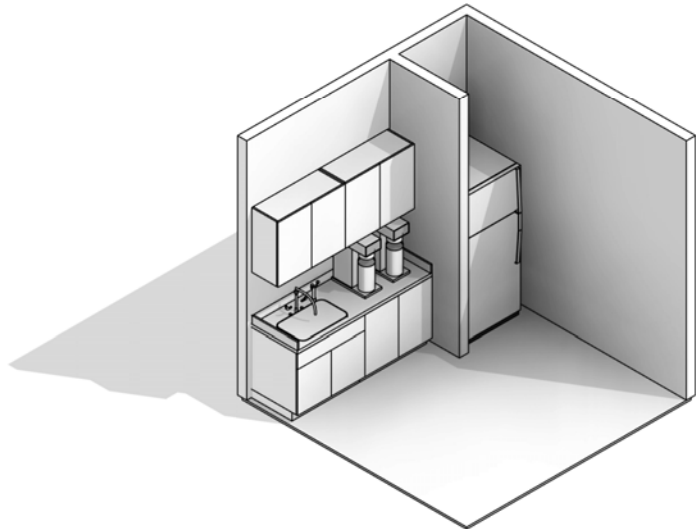
AV	
Distance Learning	
Video Conferencing	x
Projection Surface	
Flat screen Monitors	x
Power at Table	x
Data at Table	x
Lectern or Other	x
Smartboard	

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	
Doors	
Size	
Type	
Operable Wall	
Vision Panel	
Special Hardware or Sea	Acoustic Seal

SECURITY	
Locks	x
Card Access	x

REMARKS:

E1-8  
KITCHENETTE  
SON - DEANS SUITE



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	
				Lectern or Other	
				Smartboard	
CLASSROOM OCCUPANCY		ELECTRICAL		ARCHITECTURAL	
No. Of Occupants		Electrical Raceway		Walls/Partitions	
		110V, 20A, 1 Phase	x	GWB, Paint	x
		208V, 30A, 1 Phase		GWB, Epoxy Paint	
		208V, 30A, 3 Phase		CMU, Paint	
		480V, 100A, 3 Phase		Other	
		Emergency/ Standby Power		Wall Protection	
		UPS (OFOI)		Corner Guards	
		Other		Crash Rails	
				Other	
MECHANICAL		LIGHTING		Flooring	
Temperature		Lighting Level		VCT/ Vinyl free tile	x
70°-75° ± 1°F		80-100 fc at bench/desk (labs)		Sheet Vinyl	
72°F ± 2°F	x	30-60 fc at bench/desk (offices)	30	Concrete	
Other		Task Lighting		Resinous/ Epoxy	
Humidity		Darkenable or Dimmable		Carpet	
50%- 25%± 5%	x	Special Lighting		Other	
Uncontrolled		Natural Daylight Preferred or not	x	Base	
Other < 50%				4" Rubber	x
15 ACH (Min)				Integral w/floor	
10 ACH (Min)				Ceiling	
6 ACH (Min)				Open	
100% Make-up Air				Acoustic Tile	x
Recirculated Air	x			Gyp. Board	
Air Pressure Positive				Height	
Air Pressure Negative				Doors	
Air Filtration at Supply or Exhaust				Size	3'-0"x7'-0"
Other				Type	Single Flush
CASEWORK/MILLWORK/ FURNITURE		EQUIPMENT		Operable Wall	
Space Type		Refrigerator	x	Vision Panel	
Private		Microwave	x	Special Hardware or Seals	
Semi Private	x	Coffee Machine	x		
Open		Dishwasher	x		
Guest Seating		Printer/ Scanner			
Table w/ seating for 2-3	x	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					
		ADJACENCY CRITERIA		SECURITY	
		Primary Adjacency	Board Room	Locks	x
		Secondary Adjacency	Waiting / Reception	Card Access	x
		PERFORMANCE REQUIREMENTS			
		NC Acoustical Criteria	35-40		
		Acoustical Panels			
		Privacy Criteria			
		Testing Criteria			
		STC Rating	40-45		
REMARKS:					



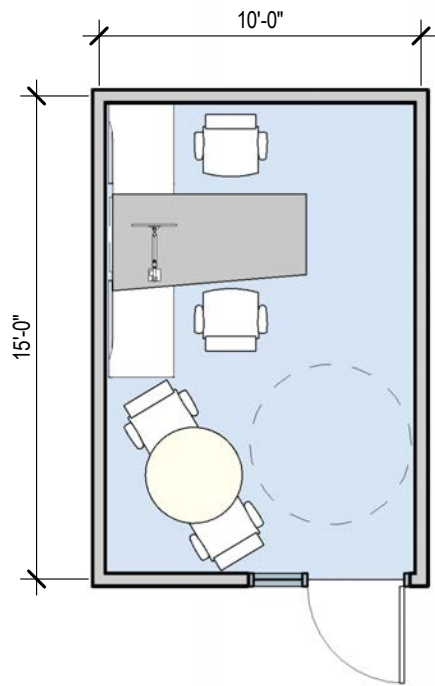
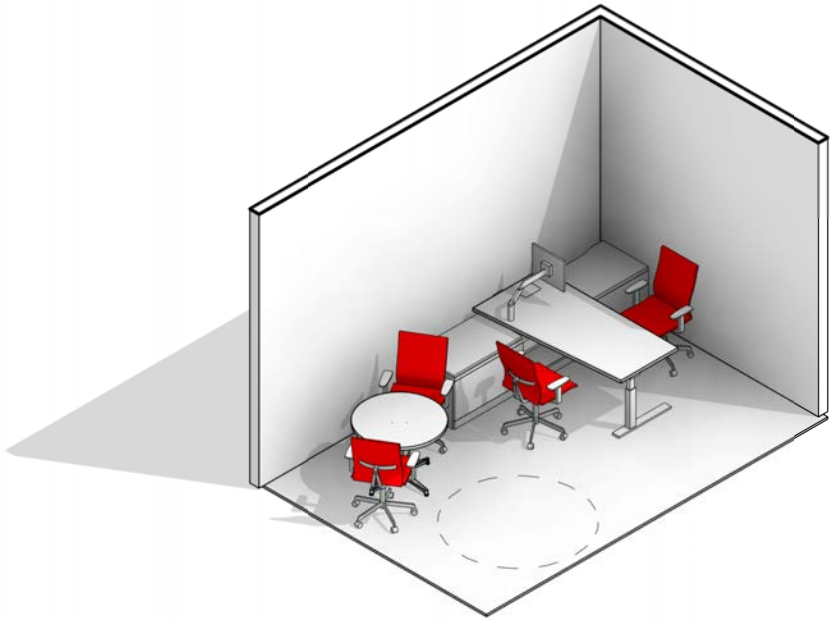
E1-9  
WORK ROOM/STORAGE  
SON - DEANS SUITE

<b>UTILIZATION</b>		<b>PLUMBING</b>		<b>AV</b>	
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
				Lectern or Other	
				Smartboard	
<b>CLASSROOM OCCUPANY</b>					
No. Of Occupants					
<b>MECHANICAL</b>		<b>ELECTRICAL</b>		<b>ARCHITECTURAL</b>	
Temperature		Electrical Raceway		Walls/Partitions	
70°-75° ± 1°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		CMU, Paint	
Humidity		480V, 100A, 3 Phase		Other	
50%- 25%± 5%	x	Emergency/ Standby Power		Wall Protection	
Uncontrolled		UPS (OFOI)		Corner Guards	
Other < 50%		Other		Crash Rails	
15 ACH (Min)				Other	
10 ACH (Min)		<b>LIGHTING</b>		Flooring	
6 ACH (Min)		Lighting Level		VCT/ Vinyl free tile	x
100% Make-up Air		80-100 fc at bench/desk (labs)		Sheet Vinyl	
Recirculated Air	x	30-60 fc at bench/desk (offices)	x	Concrete	
Air Pressure Positive		Task Lighting		Resinous/ Epoxy	
Air Pressure Negative		Darkenable or Dimmable		Carpet	
Air Filtration at Supply or Exhaust		Special Lighting		Other	
Other		Natural Daylight Preferred or not	x	Base	
				4" Rubber	x
<b>CASEWORK/MILLWORK/ FURNITURE</b>		<b>EQUIPMENT</b>		Integral w/floor	
Space Type		Refrigerator		Ceiling	
Private		Microwave		Open	
Semi Private	x	Coffee Machine		Acoustic Tile	x
Open	x	Dishwasher		Gyp. Board	
Guest Seating		Printer/ Scanner	x	Height	
Table w/ seating for 2-3	x	Plotter	x		
Wall Cabinets or Shelves	x	Copier	x	Doors	
Sofa/ Lounge chair		Computers	x	Size	3'-0"x7'-0"
Flexible Furniture		Other		Type	Single Flush
Lateral File Cabinets				Operable Wall	
2 drawer		<b>ADJACENCY CRITERIA</b>		Vision Panel	
3 drawer		Primary Adjacency		Special Hardware or Seals	
Vertical File Cabinets		Secondary Adjacency			
2 drawer	x				
3 drawer		<b>PERFORMANCE REQUIREMENTS</b>		<b>SECURITY</b>	
Bookcases	x	NC Acoustical Criteria	35-40	Locks	x
Conference Table		Acoustical Panels		Card Access	x
Markerboard		Privacy Criteria			
Tackboard		Testing Criteria			
		STC Rating	40-45		
<b>REMARKS:</b>					
Should include secure storage space, coat closet, copy/ print/fax and countertop space. Multipurpose room					

E1-10  
COPY/MAIL AREA  
SON - DEANS SUITE

<b>UTILIZATION</b>		<b>PLUMBING</b>		<b>AV</b>	
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
				Lectern or Other	
				Smartboard	
<b>CLASSROOM OCCUPANY</b>					
No. Of Occupants					
<b>MECHANICAL</b>		<b>ELECTRICAL</b>		<b>ARCHITECTURAL</b>	
Temperature		Electrical Raceway		Walls/Partitions	
70°-75° ± 1°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		CMU, Paint	
Humidity		480V, 100A, 3 Phase		Other	
50%- 25%± 5%	x	Emergency/ Standby Power		Wall Protection	
Uncontrolled		UPS (OFOI)		Corner Guards	
Other < 50%		Other		Crash Rails	
15 ACH (Min)				Other	
10 ACH (Min)		<b>LIGHTING</b>		Flooring	
6 ACH (Min)		Lighting Level		VCT/ Vinyl free tile	x
100% Make-up Air		80-100 fc at bench/desk (labs)		Sheet Vinyl	
Recirculated Air	x	30-60 fc at bench/desk (offices)	x	Concrete	
Air Pressure Positive		Task Lighting		Resinous/ Epoxy	
Air Pressure Negative		Darkenable or Dimmable	x	Carpet	
Air Filtration at Supply or Exhaust		Special Lighting		Other	
Other		Natural Daylight Preferred or not	x	Base	
				4" Rubber	x
<b>CASEWORK/MILLWORK/ FURNITURE</b>		<b>EQUIPMENT</b>		Integral w/floor	
Space Type		Refrigerator		Ceiling	
Private		Microwave		Open	
Semi Private	x	Coffee Machine		Acoustic Tile	x
Open		Dishwasher		Gyp. Board	
Guest Seating		Printer/ Scanner	x	Height	
Table w/ seating for 2-3		Plotter	x		
Wall Cabinets or Shelves	x	Copier	x	Doors	
Sofa/ Lounge chair		Computers	x	Size	
Flexible Furniture		Other		Type	
Lateral File Cabinets				Operable Wall	
2 drawer		<b>ADJACENCY CRITERIA</b>		Vision Panel	
3 drawer		Primary Adjacency		Special Hardware or Seals	
Vertical File Cabinets		Secondary Adjacency			
2 drawer					
3 drawer	x	<b>PERFORMANCE REQUIREMENTS</b>		<b>SECURITY</b>	
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		
<b>REMARKS:</b>					

E1-11  
DEPARTMENT CHAIR OFFICES  
SON - DEANS SUITE



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

CLASSROOM OCCUPANCY	
No. Of Occupants	1 to 2

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

CASEWORK/MILLWORK/ FURNITURE	
Space Type	
Private	x
Semi Private	
Open	
Guest Seating	x
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
3 drawer	
Bookcases	x
Conference Table	
Markerboard	x
Tackboard	

PLUMBING	
Sinks	
Standard	
ADA	
Scullery	
Other	

ELECTRICAL	
Electrical Raceway	
110V, 20A, 1 Phase	x
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)	30
Task Lighting	x
Darkenable or Dimmable	
Special Lighting	
Natural Daylight Preferred or not	x

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

ADJACENCY CRITERIA	
Primary Adjacency	
Secondary Adjacency	

PERFORMANCE REQUIREMENTS	
NC Acoustical Criteria	35-40
Acoustical Panels	
Privacy Criteria	Yes
Testing Criteria	
STC Rating	40-45

AV	
Distance Learning	
Video Conferencing	
Projection Surface	
Flat screen Monitors	
Power at Table	x
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	x
Gyp. Board	
Height	9'

Doors	
Size	3'-0"x7'-0"
Type	Single Flush
Operable Wall	
Vision Panel	X
Special Hardware or Seals	

SECURITY	
Locks	
Card Access	x

REMARKS:

To be glass fronted and have enough room to maneuver a wheelchair. 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
				Lectern or Other	
				Smartboard	
<b>CLASSROOM OCCUPANY</b>					
No. Of Occupants	1 to 2				
<b>MECHANICAL</b>		<b>ELECTRICAL</b>		<b>ARCHITECTURAL</b>	
Temperature		Electrical Raceway		Walls/Partitions	
70°-75° ± 1°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		CMU, Paint	
Humidity		480V, 100A, 3 Phase		Other	
50%- 25%± 5%	x	Emergency/ Standby Power		Wall Protection	
Uncontrolled		UPS (OFOI)		Corner Guards	
Other < 50%		Other		Crash Rails	
15 ACH (Min)				Other	
10 ACH (Min)		<b>LIGHTING</b>		Flooring	
6 ACH (Min)		Lighting Level		VCT/ Vinyl free tile	x
100% Make-up Air		80-100 fc at bench/desk (labs)		Sheet Vinyl	
Recirculated Air	x	30-60 fc at bench/desk (offices)	30	Concrete	
Air Pressure Positive		Task Lighting	x	Resinous/ Epoxy	
Air Pressure Negative		Darkenable or Dimmable		Carpet	
Air Filtration at Supply or Exhaust		Special Lighting		Other	
Other		Natural Daylight Preferred or not	x		
<b>CASEWORK/MILLWORK/ FURNITURE</b>		<b>EQUIPMENT</b>		<b>Base</b>	
Space Type		Refrigerator		4" Rubber	x
Private	x	Microwave		Integral w/floor	
Semi Private		Coffee Machine		<b>Ceiling</b>	
Open		Dishwasher		Open	
Guest Seating	x	Printer/ Scanner		Acoustic Tile	x
Table w/ seating for 2-3		Plotter		Gyp. Board	
Wall Cabinets or Shelves		Copier		Height	9'
Sofa/ Lounge chair		Computers	x		
Flexible Furniture		Other		<b>Doors</b>	
Lateral File Cabinets				Size	3'-0"x7'-0"
2 drawer		<b>ADJACENCY CRITERIA</b>		Type	Single Flush
3 drawer		Primary Adjacency		Operable Wall	
Vertical File Cabinets		Secondary Adjacency		Vision Panel	X
2 drawer	x			Special Hardware or Seals	
3 drawer					
Bookcases	x	<b>PERFORMANCE REQUIREMENTS</b>		<b>SECURITY</b>	
Conference Table		NC Acoustical Criteria	35-40	Locks	
Markerboard	x	Acoustical Panels		Card Access	x
Tackboard		Privacy Criteria	Yes		
		Testing Criteria			
		STC Rating	40-45		
<b>REMARKS:</b>					
Consider a forward thinking workplace environment. Open environment or if enclosed, to be glass fronted and have enough room to maneuver a wheelchair. Sit-stand ergonomic furniture.					





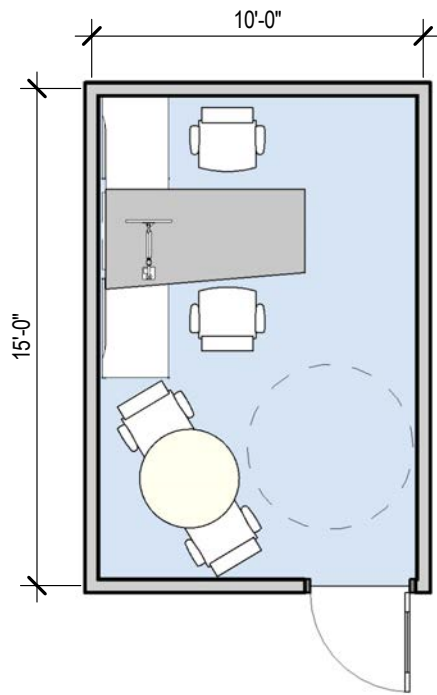
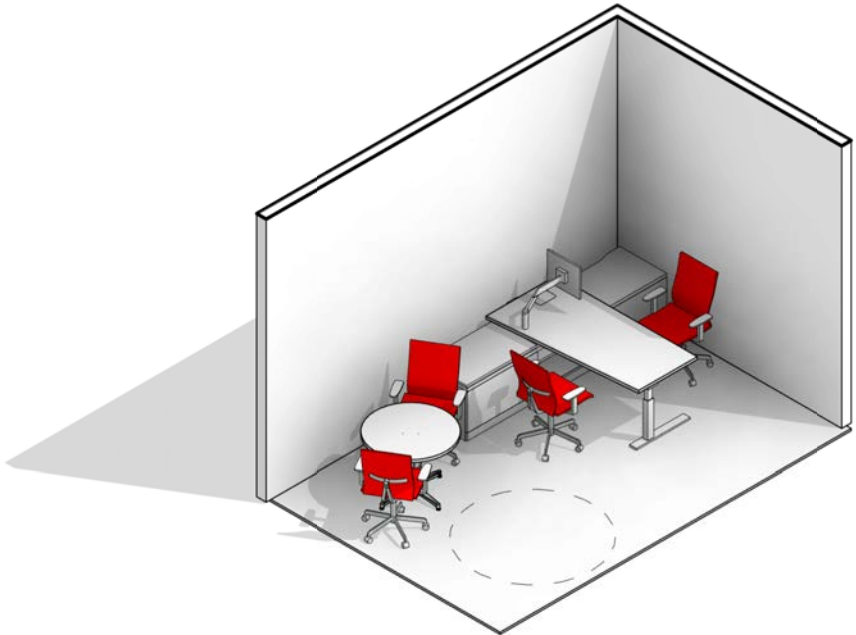
E1-14  
OFFICE SUPPORT SPECIALISTS  
SON - DEANS SUITE

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

E1-15  
GROWTH/FUTURE HIRES  
SON - DEANS SUITE

<b>UTILIZATION</b>		<b>PLUMBING</b>		<b>AV</b>	
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
				Lectern or Other	
				Smartboard	
<b>CLASSROOM OCCUPANY</b>					
No. Of Occupants	1 to 2				
<b>MECHANICAL</b>		<b>ELECTRICAL</b>		<b>ARCHITECTURAL</b>	
Temperature		Electrical Raceway		Walls/Partitions	
70°-75° ± 1°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		CMU, Paint	
Humidity		480V, 100A, 3 Phase		Other	
50%- 25%± 5%	x	Emergency/ Standby Power		Wall Protection	
Uncontrolled		UPS (OFOI)		Corner Guards	
Other < 50%		Other		Crash Rails	
15 ACH (Min)				Other	
10 ACH (Min)		<b>LIGHTING</b>		Flooring	
6 ACH (Min)		Lighting Level		VCT/ Vinyl free tile	x
100% Make-up Air		80-100 fc at bench/desk (labs)		Sheet Vinyl	
Recirculated Air	x	30-60 fc at bench/desk (offices)	30	Concrete	
Air Pressure Positive		Task Lighting	x	Resinous/ Epoxy	
Air Pressure Negative		Darkenable or Dimmable		Carpet	
Air Filtration at Supply or Exhaust		Special Lighting		Other	
Other		Natural Daylight Preferred or not	x	Base	
				4" Rubber	x
<b>CASEWORK/MILLWORK/ FURNITURE</b>		<b>EQUIPMENT</b>		Integral w/floor	
Space Type		Refrigerator		Ceiling	
Private	x	Microwave		Open	
Semi Private		Coffee Machine		Acoustic Tile	x
Open		Dishwasher		Gyp. Board	
Guest Seating	x	Printer/ Scanner		Height	9'
Table w/ seating for 2-3		Plotter			
Wall Cabinets or Shelves		Copier		Doors	
Sofa/ Lounge chair		Computers	x	Size	3'-0"x7'-0"
Flexible Furniture		Other		Type	Single Flush
Lateral File Cabinets				Operable Wall	
2 drawer		<b>ADJACENCY CRITERIA</b>		Vision Panel	X
3 drawer		Primary Adjacency		Special Hardware or Seals	
Vertical File Cabinets		Secondary Adjacency			
2 drawer	x				
3 drawer		<b>PERFORMANCE REQUIREMENTS</b>		<b>SECURITY</b>	
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		
<b>REMARKS:</b>					
Consider a forward thinking workplace environment. Open environment or if enclosed, to be glass fronted and have enough room to maneuver a wheelchair. Sit-stand ergonomic furniture.					

E1-16  
DIRECTORS OFFICE  
SON - DEANS SUITE

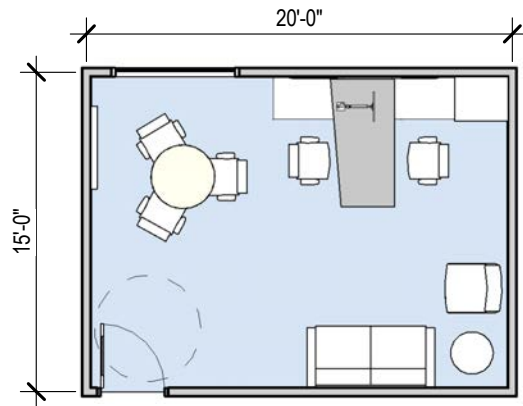
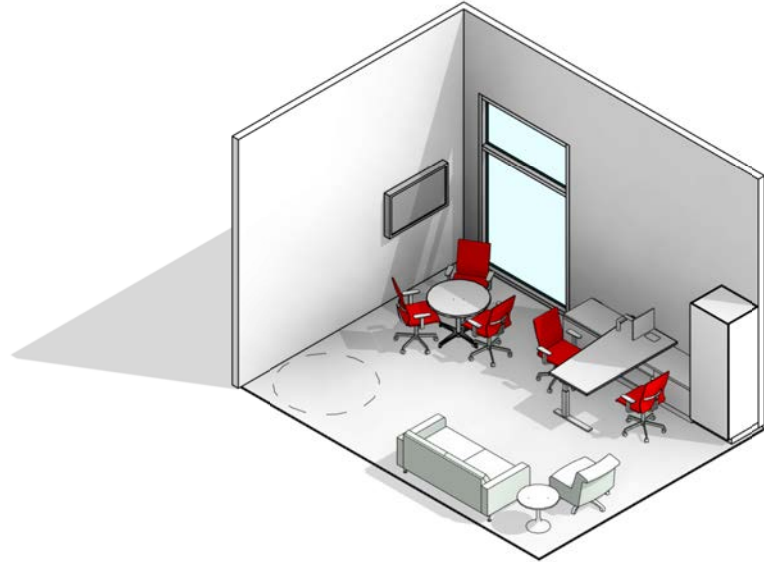


UTILIZATION		PLUMBING		AV	
Hours of Operation		Sinks		Distance Learning	
8 hours/day	x	Standard		Video Conferencing	
14 hours/day		ADA		Projection Surface	
24 hours/day		Scullery		Flat screen Monitors	
		Other		Power at Table	
				Data at Table	
				Lectern or Other	
				Smartboard	
CLASSROOM OCCUPANCY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

REMARKS:

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





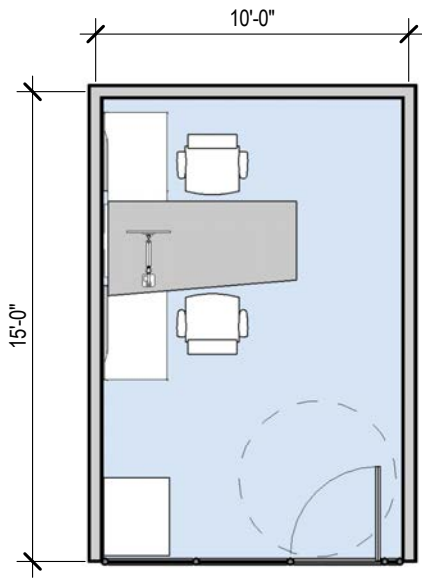
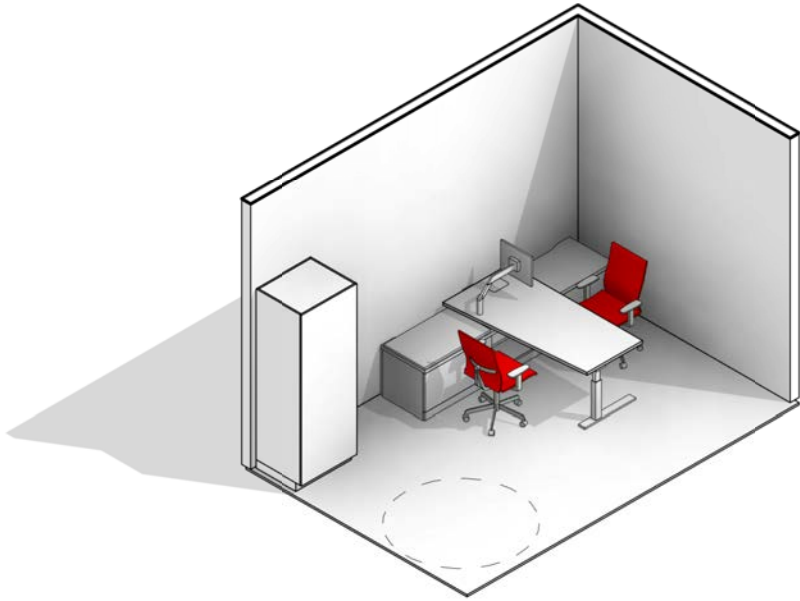
E2-1  
DEAN/DIRECTOR'S OFFICE  
SOP - DEANS SUITE

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

REMARKS:

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

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



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

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

REMARKS:

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

E2-4

BUSINESS MANAGER/DIRECTORS/COORDINATOR/ADVISORS

SOP - DEANS SUITE

<b>UTILIZATION</b>			<b>PLUMBING</b>			<b>AV</b>		
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		
						Lectern or Other		
						Smartboard		
<b>CLASSROOM OCCUPANY</b>								
No. Of Occupants								
<b>MECHANICAL</b>			<b>ELECTRICAL</b>			<b>ARCHITECTURAL</b>		
Temperature			Electrical Raceway			Walls/Partitions		
70°-75° ± 1°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			CMU, Paint		
Humidity			480V, 100A, 3 Phase			Other		
50%- 25%± 5%	x		Emergency/ Standby Power			Wall Protection		
Uncontrolled			UPS (OFOI)			Corner Guards		
Other < 50%			Other			Crash Rails		
15 ACH (Min)						Other		
10 ACH (Min)			<b>LIGHTING</b>			Flooring		
6 ACH (Min)			Lighting Level			VCT/ Vinyl free tile	x	
100% Make-up Air			80-100 fc at bench/desk (labs)			Sheet Vinyl		
Recirculated Air	x		30-60 fc at bench/desk (offices)	x		Concrete		
Air Pressure Positive			Task Lighting			Resinous/ Epoxy		
Air Pressure Negative			Darkenable or Dimmable			Carpet		
Air Filtration at Supply or Exhaust			Special Lighting			Other		
Other			Natural Daylight Preferred or not	x		Base		
<b>CASEWORK/MILLWORK/ FURNITURE</b>			<b>EQUIPMENT</b>			<b>SECURITY</b>		
Space Type			Refrigerator			Locks		
Private			Microwave			Card Access	x	
Semi Private	x		Coffee Machine	X				
Open			Dishwasher					
Guest Seating			Printer/ Scanner	X				
Table w/ seating for 2-3			Plotter					
Wall Cabinets or Shelves	x		Copier	X				
Sofa/ Lounge chair			Computers					
Flexible Furniture			Other					
Lateral File Cabinets			<b>ADJACENCY CRITERIA</b>					
2 drawer			Primary Adjacency	Reception/Waiting				
3 drawer			Secondary Adjacency	Dean's Office				
Vertical File Cabinets			<b>PERFORMANCE REQUIREMENTS</b>					
2 drawer			NC Acoustical Criteria	35-40				
3 drawer			Acoustical Panels					
Bookcases			Privacy Criteria					
Conference Table			Testing Criteria					
Markerboard	x		STC Rating	40-45				
Tackboard								
<b>REMARKS:</b>								
Should include secure storage space, coat closet, copy/ print/fax and countertop space. Multipurpose room								

E2-5

ADMIN SUPPORT

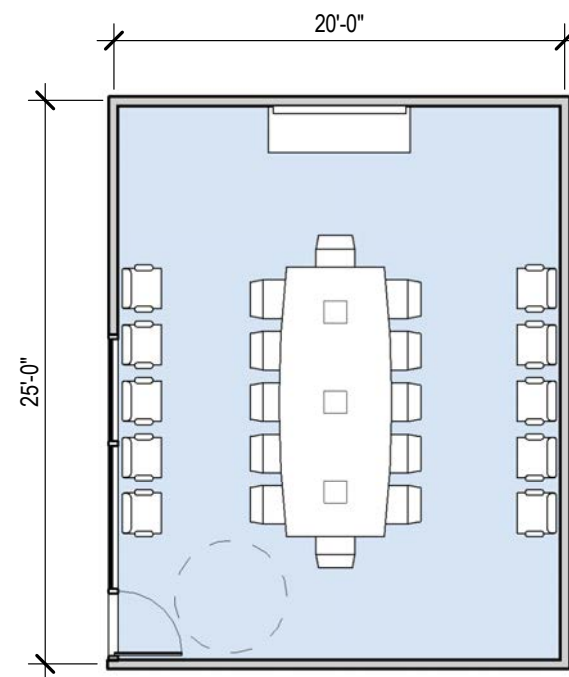
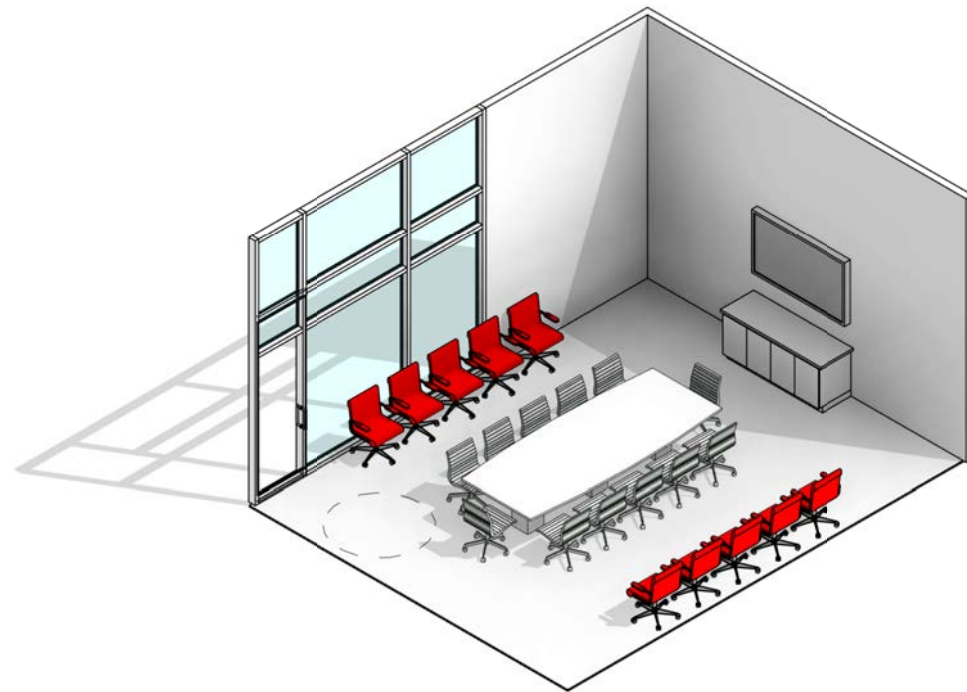
SOP - DEANS SUITE

<b>UTILIZATION</b>			<b>PLUMBING</b>			<b>AV</b>		
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	
						Lectern or Other		
						Smartboard		
<b>CLASSROOM OCCUPANY</b>								
No. Of Occupants								
<b>MECHANICAL</b>			<b>ELECTRICAL</b>			<b>ARCHITECTURAL</b>		
Temperature			Electrical Raceway			Walls/Partitions		
70°-75° ± 1°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			CMU, Paint		
Humidity			480V, 100A, 3 Phase			Other		
50%- 25%± 5%	x		Emergency/ Standby Power			Wall Protection		
Uncontrolled			UPS (OFOI)			Corner Guards		
Other < 50%			Other			Crash Rails		
15 ACH (Min)						Other		
10 ACH (Min)			<b>LIGHTING</b>			Flooring		
6 ACH (Min)			Lighting Level			VCT/ Vinyl free tile	x	
100% Make-up Air			80-100 fc at bench/desk (labs)			Sheet Vinyl		
Recirculated Air	x		30-60 fc at bench/desk (offices)	x		Concrete		
Air Pressure Positive			Task Lighting			Resinous/ Epoxy		
Air Pressure Negative			Darkenable or Dimmable			Carpet		
Air Filtration at Supply or Exhaust			Special Lighting			Other		
Other			Natural Daylight Preferred or not	x		Base		
<b>CASEWORK/MILLWORK/ FURNITURE</b>			<b>EQUIPMENT</b>			<b>SECURITY</b>		
Space Type			Refrigerator			Locks		
Private			Microwave			Card Access		
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			<b>ADJACENCY CRITERIA</b>					
2 drawer			Primary Adjacency	Dean's Office				
3 drawer			Secondary Adjacency	Reception/ Waiting				
Vertical File Cabinets			<b>PERFORMANCE REQUIREMENTS</b>					
2 drawer			NC Acoustical Criteria	35-40				
3 drawer			Acoustical Panels					
Bookcases			Privacy Criteria					
Conference Table			Testing Criteria					
Markerboard			STC Rating	40-45				
Tackboard								
<b>REMARKS:</b>								





E2-7  
BOARD ROOM  
SOP - DEANS SUITE



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

CLASSROOM OCCUPANCY		
No. Of Occupants		

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

CASEWORK/MILLWORK/ FURNITURE		
Space Type		
Private	x	
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	x	
Conference Table	x	
Markerboard	x	
Tackboard		

PLUMBING		
Sinks		
Standard		
ADA		
Scullery		
Other		

ELECTRICAL		
Electrical Raceway		
110V, 20A, 1 Phase	x	
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)	30	
Task Lighting		
Darkenable or Dimmable	x	
Special Lighting		
Natural Daylight Preferred or not	x	

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

ADJACENCY CRITERIA		
Primary Adjacency	Deans Office	
Secondary Adjacency	Kitchenette	

PERFORMANCE REQUIREMENTS		
NC Acoustical Criteria	35-40	
Acoustical Panels		
Privacy Criteria		
Testing Criteria		
STC Rating	40-45	

AV		
Distance Learning		
Video Conferencing	x	
Projection Surface		
Flat screen Monitors	x	
Power at Table	x	
Data at Table	x	
Lectern or Other	x	
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		
Doors		
Size		
Type		
Operable Wall		
Vision Panel		
Special Hardware or Sea	Acoustic Seal	

SECURITY		
Locks	x	
Card Access	x	

REMARKS:

## E2-8 KITCHENETTE SOP - DEANS SUITE

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

REMARKS:

## E2-9 WORK ROOM/STORAGE SOP - DEANS SUITE

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REMARKS:

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

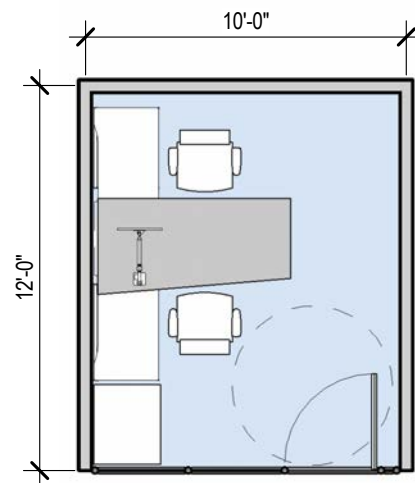
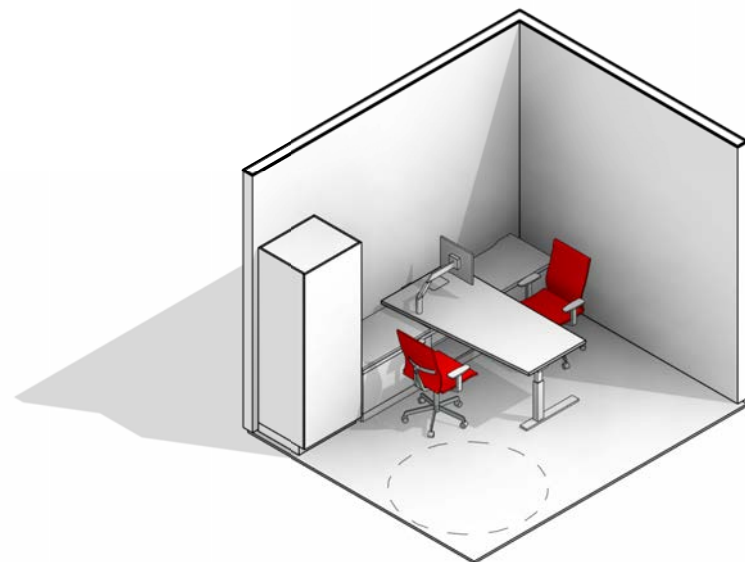
E2-10  
COPY/MAIL AREA  
SOP - DEANS SUITE

<b>UTILIZATION</b>	<b>PLUMBING</b>	<b>AV</b>
Hours of Operation	Sinks	Distance Learning
8 hours/day	Standard	Video Conferencing
14 hours/day	ADA	Projection Surface
24 hours/day	Scullery	Flat screen Monitors
	Other	Power at Table
		Data at Table
		Lectern or Other
		Smartboard
<b>CLASSROOM OCCUPANY</b>		
No. Of Occupants		
<b>MECHANICAL</b>	<b>ELECTRICAL</b>	<b>ARCHITECTURAL</b>
Temperature	Electrical Raceway	Walls/Partitions
70°-75° ± 1°F	110V, 20A, 1 Phase	GWB, Paint
72°F ± 2°F	208V, 30A, 1 Phase	GWB, Epoxy Paint
Other	208V, 30A, 3 Phase	CMU, 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)	<b>LIGHTING</b>	Flooring
6 ACH (Min)	Lighting Level	VCT/ Vinyl free tile
100% Make-up Air	80-100 fc at bench/desk (labs)	Sheet Vinyl
Recirculated Air	30-60 fc at bench/desk (offices)	Concrete
Air Pressure Positive	Task Lighting	Resinous/ Epoxy
Air Pressure Negative	Darkenable or Dimmable	Carpet
Air Filtration at Supply or Exhaust	Special Lighting	Other
Other	Natural Daylight Preferred or not	Base
		4" Rubber
<b>CASEWORK/MILLWORK/ FURNITURE</b>	<b>EQUIPMENT</b>	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	Type
Lateral File Cabinets		Operable Wall
2 drawer	<b>ADJACENCY CRITERIA</b>	Vision Panel
3 drawer	Primary Adjacency	Special Hardware or Seals
Vertical File Cabinets	Secondary Adjacency	
2 drawer		<b>SECURITY</b>
3 drawer	<b>PERFORMANCE REQUIREMENTS</b>	Locks
Bookcases	NC Acoustical Criteria	Card Access
Conference Table	Acoustical Panels	
Markerboard	Privacy Criteria	
Tackboard	Testing Criteria	
	STC Rating	
<b>REMARKS:</b>		





E2-12  
FACULTY OFFICES  
SOP - DEANS SUITE



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

CLASSROOM OCCUPANCY	
No. Of Occupants	1 to 2

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

CASEWORK/MILLWORK/ FURNITURE	
Space Type	
Private	x
Semi Private	
Open	
Guest Seating	x
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
3 drawer	
Bookcases	x
Conference Table	
Markerboard	x
Tackboard	

PLUMBING	
Sinks	
Standard	
ADA	
Scullery	
Other	

ELECTRICAL	
Electrical Raceway	
110V, 20A, 1 Phase	x
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)	30
Task Lighting	x
Darkenable or Dimmable	
Special Lighting	
Natural Daylight Preferred or not	x

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

ADJACENCY CRITERIA	
Primary Adjacency	
Secondary Adjacency	

PERFORMANCE REQUIREMENTS	
NC Acoustical Criteria	35-40
Acoustical Panels	
Privacy Criteria	Yes
Testing Criteria	
STC Rating	40-45

AV	
Distance Learning	
Video Conferencing	
Projection Surface	
Flat screen Monitors	
Power at Table	x
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	x
Gyp. Board	
Height	9'

DOORS	
Size	3'-0"x7'-0"
Type	Single Flush
Operable Wall	
Vision Panel	X
Special Hardware or Seals	

SECURITY	
Locks	
Card Access	x

REMARKS:

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

E2-13  
SHARED FACULTY OFFICES  
SOP - DEANS SUITE

<b>UTILIZATION</b>		<b>PLUMBING</b>		<b>AV</b>	
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
				Lectern or Other	
				Smartboard	
<b>CLASSROOM OCCUPANY</b>					
No. Of Occupants	3				
<b>MECHANICAL</b>		<b>ELECTRICAL</b>		<b>ARCHITECTURAL</b>	
Temperature		Electrical Raceway		Walls/Partitions	
70°-75° ± 1°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		CMU, Paint	
Humidity		480V, 100A, 3 Phase		Other	
50%- 25%± 5%	x	Emergency/ Standby Power		Wall Protection	
Uncontrolled		UPS (OFOI)		Corner Guards	
Other < 50%		Other		Crash Rails	
15 ACH (Min)				Other	
10 ACH (Min)		<b>LIGHTING</b>		Flooring	
6 ACH (Min)		Lighting Level		VCT/ Vinyl free tile	x
100% Make-up Air		80-100 fc at bench/desk (labs)		Sheet Vinyl	
Recirculated Air	x	30-60 fc at bench/desk (offices)	30	Concrete	
Air Pressure Positive		Task Lighting	x	Resinous/ Epoxy	
Air Pressure Negative		Darkenable or Dimmable		Carpet	
Air Filtration at Supply or Exhaust		Special Lighting		Other	
Other		Natural Daylight Preferred or not	x	Base	
				4" Rubber	x
<b>CASEWORK/MILLWORK/ FURNITURE</b>		<b>EQUIPMENT</b>		Integral w/floor	
Space Type		Refrigerator		Ceiling	
Private	x	Microwave		Open	
Semi Private		Coffee Machine		Acoustic Tile	x
Open		Dishwasher		Gyp. Board	
Guest Seating	x	Printer/ Scanner		Height	9'
Table w/ seating for 2-3		Plotter			
Wall Cabinets or Shelves		Copier		Doors	
Sofa/ Lounge chair		Computers	x	Size	3'-0"x7'-0"
Flexible Furniture		Other		Type	Single Flush
Lateral File Cabinets				Operable Wall	
2 drawer		<b>ADJACENCY CRITERIA</b>		Vision Panel	x
3 drawer		Primary Adjacency		Special Hardware or Seals	
Vertical File Cabinets		Secondary Adjacency			
2 drawer	x			<b>SECURITY</b>	
3 drawer		<b>PERFORMANCE REQUIREMENTS</b>		Locks	
Bookcases	x	NC Acoustical Criteria	35-40	Card Access	x
Conference Table		Acoustical Panels			
Markerboard	x	Privacy Criteria	Yes		
Tackboard		Testing Criteria			
		STC Rating	40-45		
<b>REMARKS:</b>					
Consider a forward thinking workplace environment. Open environment or if enclosed, to be glass fronted and have enough room to maneuver a wheelchair. Sit-stand ergonomic furniture.					

E2-14  
OFFICE SUPPORT SPECIALISTS  
SOP - DEANS SUITE

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

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

[illegible]

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

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

[illegible]

REMARKS:



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

<b>UTILIZATION</b>	<b>PLUMBING</b>	<b>AV</b>
Hours of Operation 8 hours/day 14 hours/day 24 hours/day	Sinks  Standard ADA Sculley Other	Distance Learning Video Conferencing Projection Surface Flat screen Monitors Power at Table Data at Table Lectern or Other Smartboard
<b>CLASSROOM OCCUPANCY</b>		
No. Of Occupants		
<b>MECHANICAL</b>	<b>ELECTRICAL</b>	<b>ARCHITECTURAL</b>
Temperature 70°-75° ± 1°F 72°F ± 2°F Other Humidity 50%- 25%± 5% Uncontrolled Other < 50%	Electrical Raceway 110V, 20A, 1 Phase 208V, 30A, 1 Phase 208V, 30A, 3 Phase 480V, 100A, 3 Phase Emergency/ Standby Power UPS (OFOI) Other	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 Carpet Other
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	<b>LIGHTING</b> 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	Base 4" Rubber Integral w/floor Ceiling Open Acoustic Tile Gyp. Board Height  Doors Size Type Operable Wall Vision Panel Special Hardware or Seals
<b>CASEWORK/MILLWORK/ FURNITURE</b>	<b>EQUIPMENT</b>	
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	Refrigerator Microwave Coffee Machine Dishwasher Printer/ Scanner Plotter Copier Computers Other	
	<b>ADJACENCY CRITERIA</b>	
	Primary Adjacency Secondary Adjacency	IT Workspace IT storage
	<b>PERFORMANCE REQUIREMENTS</b>	<b>SECURITY</b>
	NC Acoustical Criteria Acoustical Panels Privacy Criteria Testing Criteria STC Rating	Locks Card Access
<b>REMARKS:</b>		

# E2-18

## IT STORAGE

### SOP - DEANS SUITE

<b>UTILIZATION</b>		<b>PLUMBING</b>		<b>AV</b>	
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	
				Lectern or Other	
				Smartboard	
<b>CLASSROOM OCCUPANY</b>					
No. Of Occupants					
<b>MECHANICAL</b>		<b>ELECTRICAL</b>		<b>ARCHITECTURAL</b>	
Temperature		Electrical Raceway		Walls/Partitions	
70°-75° ± 1°F	_____	110V, 20A, 1 Phase		GWB, Paint	
72°F ± 2°F	_____x_____	208V, 30A, 1 Phase			
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)	_____	<b>LIGHTING</b>		Other	
6 ACH (Min)	_____	Lighting Level		Flooring	
100% Make-up Air		80-100 fc at bench/desk (labs)		VCT/ Vinyl free tile	
Recirculated Air	_____x_____	30-60 fc at bench/desk (office)		Sheet Vinyl	
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		Other	
<b>CASEWORK/MILLWORK/ FURNITURE</b>		<b>EQUIPMENT</b>		Base	
Space Type		Refrigerator		4" Rubber	
Private		Microwave		Integral w/floor	
Semi Private		Coffee Machine		Ceiling	
Open		Dishwasher		Open	
Guest Seating		Printer/ Scanner		Acoustic Tile	
Table w/ seating for 2-3		Plotter		Gyp. Board	
Wall Cabinets or Shelves		Copier		Height	
Sofa/ Lounge chair		Computers			
Flexible Furniture		Other		Doors	
Lateral File Cabinets				Size	
2 drawer		<b>ADJACENCY CRITERIA</b>		Type	
3 drawer		Primary Adjacency		Operable Wall	
Vertical File Cabinets		Secondary Adjacency		Vision Panel	
2 drawer				Special Hardware or Seals	
3 drawer					
Bookcases		<b>PERFORMANCE REQUIREMENTS</b>		<b>SECURITY</b>	
Conference Table		NC Acoustical Criteria		Locks	
Markerboard		Acoustical Panels		Card Access	
Tackboard		Privacy Criteria			
		Testing Criteria			
		STC Rating			
<b>REMARKS:</b>					

E3-1  
SHARED FACULTY OFFICES/HOTELING  
SHARED WORKPLACE

<b>UTILIZATION</b> Hours of Operation 8 hours/day 14 hours/day 24 hours/day	<b>PLUMBING</b> Sinks Standard ADA Scullyery Other	<b>AV</b> Distance Learning Video Conferencing Projection Surface Flat screen Monitors Power at Table Data at Table Lectern or Other Smartboard
<b>CLASSROOM OCCUPANY</b> No. Of Occupants	<b>ELECTRICAL</b> Electrical Raceway 110V, 20A, 1 Phase 208V, 30A, 1 Phase 208V, 30A, 3 Phase 480V, 100A, 3 Phase Emergency/ Standby Power UPS (OFOI) Other	<b>ARCHITECTURAL</b> 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 Carpet Other Base 4" Rubber Integral w/floor Ceiling Open Acoustic Tile Gyp. Board Height Doors Size Type Operable Wall Vision Panel Special Hardware or Seals
<b>MECHANICAL</b> 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	<b>LIGHTING</b> 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	<b>SECURITY</b> Locks Card Access
<b>CASEWORK/MILLWORK/ FURNITURE</b> 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	<b>EQUIPMENT</b> Refrigerator Microwave Coffee Machine Dishwasher Printer/ Scanner Plotter Copier Computers Other <b>ADJACENCY CRITERIA</b> Primary Adjacency Secondary Adjacency <b>PERFORMANCE REQUIREMENTS</b> NC Acoustical Criteria Acoustical Panels Privacy Criteria Testing Criteria STC Rating	
<b>REMARKS:</b>		

Consider a forward thinking workplace environment. Open environment or if enclosed, to be glass fronted and have enough room to maneouver a

E3-2  
COPY/MAIL AREA  
SHARED WORKPLACE

<b>UTILIZATION</b> Hours of Operation 8 hours/day 14 hours/day 24 hours/day	<b>PLUMBING</b> Sinks Standard ADA Scullyery Other	<b>AV</b> Distance Learning Video Conferencing Projection Surface Flat screen Monitors Power at Table Data at Table Lectern or Other Smartboard
<b>CLASSROOM OCCUPANY</b> No. Of Occupants	<b>ELECTRICAL</b> Electrical Raceway 110V, 20A, 1 Phase 208V, 30A, 1 Phase 208V, 30A, 3 Phase 480V, 100A, 3 Phase Emergency/ Standby Power UPS (OFOI) Other	<b>ARCHITECTURAL</b> 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 Carpet Other Base 4" Rubber Integral w/floor Ceiling Open Acoustic Tile Gyp. Board Height Doors Size Type Operable Wall Vision Panel Special Hardware or Seals
<b>MECHANICAL</b> 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	<b>LIGHTING</b> 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	<b>SECURITY</b> Locks Card Access
<b>CASEWORK/MILLWORK/ FURNITURE</b> 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	<b>EQUIPMENT</b> Refrigerator Microwave Coffee Machine Dishwasher Printer/ Scanner Plotter Copier Computers Other <b>ADJACENCY CRITERIA</b> Primary Adjacency Secondary Adjacency <b>PERFORMANCE REQUIREMENTS</b> NC Acoustical Criteria Acoustical Panels Privacy Criteria Testing Criteria STC Rating	
<b>REMARKS:</b>		

## E3-3 STORAGE

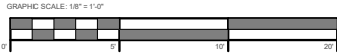
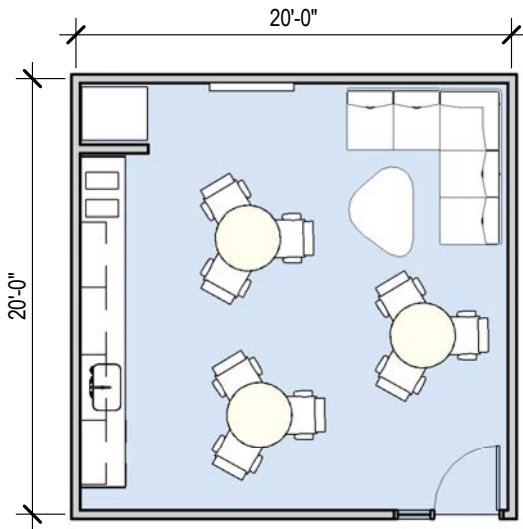
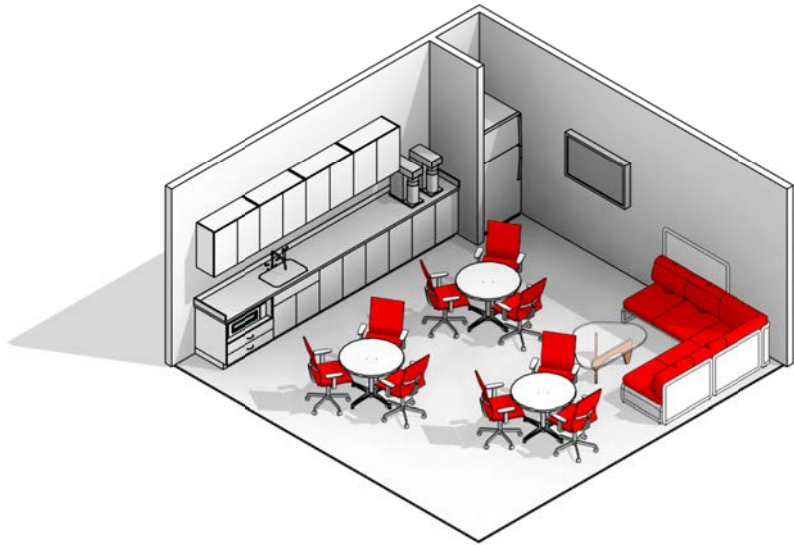
### SHARED WORKPLACE

[illegible]

E3-4

INTERDISCIPLINARY FACULTY/STAFF LOUNGE

SHARED WORKPLACE



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

**REMARKS:**

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

REMARKS:

E3-6  
SMALL MEETING ROOM  
SHARED WORKPLACE

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

REMARKS:

E4-1  
FACULTY 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	x
				Data at Table	x
				Lectern or Other	
				Smartboard	
<b>CLASSROOM OCCUPANY</b>					
No. Of Occupants	1 to 2				
<b>MECHANICAL</b>		<b>ELECTRICAL</b>		<b>ARCHITECTURAL</b>	
Temperature		Electrical Raceway		Walls/Partitions	
70°-75° ± 1°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		CMU, Paint	
Humidity		480V, 100A, 3 Phase		Other	
50%- 25%± 5%	x	Emergency/ Standby Power		Wall Protection	
Uncontrolled		UPS (OFOI)		Corner Guards	
Other < 50%		Other		Crash Rails	
15 ACH (Min)				Other	
10 ACH (Min)		<b>LIGHTING</b>		Flooring	
6 ACH (Min)		Lighting Level		VCT/ Vinyl free tile	x
100% Make-up Air		80-100 fc at bench/desk (labs)		Sheet Vinyl	
Recirculated Air	x	30-60 fc at bench/desk (office)	30	Concrete	
Air Pressure Positive		Task Lighting	x	Resinous/ Epoxy	
Air Pressure Negative		Darkenable or Dimmable		Carpet	
Air Filtration at Supply or Exhaust		Special Lighting		Other	
Other		Natural Daylight Preferred or not	x		
<b>CASEWORK/MILLWORK/ FURNITURE</b>		<b>EQUIPMENT</b>		<b>Base</b>	
Space Type		Refrigerator		4" Rubber	x
Private	x	Microwave		Integral w/floor	
Semi Private		Coffee Machine		Ceiling	
Open		Dishwasher		Open	
Guest Seating	x	Printer/ Scanner		Acoustic Tile	x
Table w/ seating for 2-3		Plotter		Gyp. Board	
Wall Cabinets or Shelves		Copier		Height	9'
Sofa/ Lounge chair		Computers	x		
Flexible Furniture		Other		<b>Doors</b>	
Lateral File Cabinets				Size	3'-0"x7'-0"
2 drawer		<b>ADJACENCY CRITERIA</b>		Type	Single Flush
3 drawer		Primary Adjacency		Operable Wall	
Vertical File Cabinets		Secondary Adjacency		Vision Panel	x
2 drawer	x			Special Hardware or Seals	
3 drawer					
Bookcases	x	<b>PERFORMANCE REQUIREMENTS</b>		<b>SECURITY</b>	
Conference Table		NC Acoustical Criteria	35-40	Locks	
Markerboard	x	Acoustical Panels		Card Access	x
Tackboard		Privacy Criteria	Yes		
		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 maneuver a wheelchair. Sit-stand ergonomic furniture.	

E4-2  
LECTURER OFFICE

<b>MILITIZATION</b>		<b>PLUMBING</b>		<b>AV</b>	
Hours of Operation		Sinks		Distance Learning	
8 hours/day		Standard		Video Conferencing	
14 hours/day		ADA		Projection Surface	
24 hours/day		Sculley		Flat screen Monitors	
		Other		Power at Table	
				Data at Table	
				Lectern or Other	
				Smartboard	
<b>CLASSROOM OCCUPANY</b>					
No. Of Occupants		1 to 2			
<b>MECHANICAL</b>		<b>ELECTRICAL</b>		<b>ARCHITECTURAL</b>	
Temperature		Electrical Raceway		Walls/Partitions	
70°-75° ± 1°F		110V, 20A, 1 Phase		GWB, Paint	
72°F ± 2°F		208V, 30A, 1 Phase		GWB, Epoxy Paint	
Other		208V, 30A, 3 Phase		CMU, 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)				Flooring	
6 ACH (Min)				VCT/ Vinyl free tile	
100% Make-up Air		80-100 fc at bench/desk (labs)		Sheet Vinyl	
Recirculated Air		30-60 fc at bench/desk (offices)		Concrete	
Air Pressure Positive		Task Lighting		Resinous/ Epoxy	
Air Pressure Negative		Darkenable or Dimmable		Carpet	
Air Filtration at Supply or Exhaust		Special Lighting		Other	
Other		Natural Daylight Preferred or not		Base	
				4" Rubber	
				Integral w/floor	
				Ceiling	
				Open	
				Acoustic Tile	
				Gyp. Board	
				Height	
				Doors	
				Size	
				Type	
				Operable Wall	
				Vision Panel	
				Special Hardware or Seals	
<b>CASEWORK/MILLWORK/ FURNITURE</b>		<b>EQUIPMENT</b>		<b>SECURITY</b>	
Space Type		Refrigerator		Locks	
Private		Microwave		Card Access	
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		Other			
Lateral File Cabinets					
2 drawer					
3 drawer					
Vertical File Cabinets					
2 drawer					
3 drawer					
Bookcases					
Conference Table					
Markerboard					
Tackboard					
		<b>ADJACENCY CRITERIA</b>			
		Primary Adjacency			
		Secondary Adjacency			
		<b>PERFORMANCE REQUIREMENTS</b>			
		NC Acoustical Criteria		35-40	
		Acoustical Panels			
		Privacy Criteria		Yes	
		Testing Criteria			
		STC Rating		40-45	

**MARKS:** \_\_\_\_\_

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

E4-3  
STAFF  
PUBLIC HEALTH

<b>UTILIZATION</b>		<b>PLUMBING</b>		<b>AV</b>	
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
				Lectern or Other	
				Smartboard	
<b>CLASSROOM OCCUPANY</b>					
No. Of Occupants	1 to 2				
<b>MECHANICAL</b>		<b>ELECTRICAL</b>		<b>ARCHITECTURAL</b>	
Temperature		Electrical Raceway		Walls/Partitions	
70°-75° ± 1°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		CMU, Paint	
Humidity		480V, 100A, 3 Phase		Other	
50%- 25%± 5%	x	Emergency/ Standby Power		Wall Protection	
Uncontrolled		UPS (OFOI)		Corner Guards	
Other < 50%		Other		Crash Rails	
15 ACH (Min)				Other	
10 ACH (Min)		<b>LIGHTING</b>		Flooring	
6 ACH (Min)		Lighting Level		VCT/ Vinyl free tile	x
100% Make-up Air		80-100 fc at bench/desk (labs)		Sheet Vinyl	
Recirculated Air	x	30-60 fc at bench/desk (offices)	30	Concrete	
Air Pressure Positive		Task Lighting	x	Resinous/ Epoxy	
Air Pressure Negative		Darkenable or Dimmable		Carpet	
Air Filtration at Supply or Exhaust		Special Lighting		Other	
Other		Natural Daylight Preferred or not	x		
<b>CASEWORK/MILLWORK/ FURNITURE</b>		<b>EQUIPMENT</b>		Base	
Space Type		Refrigerator		4" Rubber	x
Private	x	Microwave		Integral w/floor	
Semi Private		Coffee Machine		Ceiling	
Open		Dishwasher		Open	
Guest Seating	x	Printer/ Scanner		Acoustic Tile	x
Table w/ seating for 2-3		Plotter		Gyp. Board	
Wall Cabinets or Shelves		Copier		Height	9'
Sofa/ Lounge chair		Computers	x	Doors	
Flexible Furniture		Other		Size	3'-0"x7'-0"
Lateral File Cabinets				Type	Single Flush
2 drawer		<b>ADJACENCY CRITERIA</b>		Operable Wall	
3 drawer		Primary Adjacency		Vision Panel	X
Vertical File Cabinets		Secondary Adjacency		Special Hardware or Seals	
2 drawer	x				
3 drawer		<b>PERFORMANCE REQUIREMENTS</b>		<b>SECURITY</b>	
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		
<b>REMARKS:</b>					
Consider a forward thinking workplace environment. Open environment or if enclosed, to be glass fronted and have enough room to manoeuver a wheelchair. Sit-stand ergonomic furniture.					

E4-4  
GRAD ASSISTANTS  
PUBLIC HEALTH

<b>UTILIZATION</b>		<b>PLUMBING</b>		<b>AV</b>	
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
				Lectern or Other	
				Smartboard	
<b>CLASSROOM OCCUPANY</b>					
No. Of Occupants	1 to 2				
<b>MECHANICAL</b>		<b>ELECTRICAL</b>		<b>ARCHITECTURAL</b>	
Temperature		Electrical Raceway		Walls/Partitions	
70°-75° ± 1°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		CMU, Paint	
Humidity		480V, 100A, 3 Phase		Other	
50%- 25%± 5%	x	Emergency/ Standby Power		Wall Protection	
Uncontrolled		UPS (OFOI)		Corner Guards	
Other < 50%		Other		Crash Rails	
15 ACH (Min)				Other	
10 ACH (Min)		<b>LIGHTING</b>		Flooring	
6 ACH (Min)		Lighting Level		VCT/ Vinyl free tile	x
100% Make-up Air		80-100 fc at bench/desk (labs)		Sheet Vinyl	
Recirculated Air	x	30-60 fc at bench/desk (offices)	30	Concrete	
Air Pressure Positive		Task Lighting	x	Resinous/ Epoxy	
Air Pressure Negative		Darkenable or Dimmable		Carpet	
Air Filtration at Supply or Exhaust		Special Lighting		Other	
Other		Natural Daylight Preferred or not	x		
<b>CASEWORK/MILLWORK/ FURNITURE</b>		<b>EQUIPMENT</b>		Base	
Space Type		Refrigerator		4" Rubber	x
Private	x	Microwave		Integral w/floor	
Semi Private		Coffee Machine		Ceiling	
Open		Dishwasher		Open	
Guest Seating	x	Printer/ Scanner		Acoustic Tile	x
Table w/ seating for 2-3		Plotter		Gyp. Board	
Wall Cabinets or Shelves		Copier		Height	9'
Sofa/ Lounge chair		Computers	x	Doors	
Flexible Furniture		Other		Size	3'-0"x7'-0"
Lateral File Cabinets				Type	Single Flush
2 drawer		<b>ADJACENCY CRITERIA</b>		Operable Wall	
3 drawer		Primary Adjacency		Vision Panel	X
Vertical File Cabinets		Secondary Adjacency		Special Hardware or Seals	
2 drawer	x				
3 drawer		<b>PERFORMANCE REQUIREMENTS</b>		<b>SECURITY</b>	
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		
<b>REMARKS:</b>					
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.					



**E4-5**  
**FACULTY/STAFF OFFICES**  
PUBLIC HEALTH

[illegible]

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

**E4-6**  
**OFFICE MANAGER**  
OCCUPATIONAL THERAPY

[illegible]

<p><b>REMARKS:</b></p> <p>Consider a forward thinking workplace environment. Open environment or if enclosed, to be glass fronted and have enough room to maneuver a wheelchair. Sit-stand ergonomic furniture.</p>	
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## E4-7 ADJUNCT OFFICES OCCUPATIONAL THERAPY

[illegible]

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

# E5-1 RECEPTION/WAITING SHARED APPLIED HEALTH

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

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**E5-2**  
**MEDIUM MEETING ROOM**  
SHARED APPLIED HEALTH

UTILIZATION		PLUMBING		AV	
Hours of Operation		Sinks		Distance Learning	
8 hours/day	x	Standard		Video Conferencing	x
14 hours/day		ADA		Projection Surface	x
24 hours/day		Scullery		Flat screen Monitors	x
		Other		Power at Table	x
				Data at Table	x
				Lectern or Other	x
				Smartboard	
CLASSROOM OCCUPANY		ELECTRICAL		ARCHITECTURAL	
No. Of Occupants	15	Electrical Raceway		Walls/Partitions	
MECHANICAL		110V, 20A, 1 Phase	x	GWB, Paint	x
Temperature		208V, 30A, 1 Phase		GWB, Epoxy Paint	
70°-75° ± 1°F		208V, 30A, 3 Phase		CMU, Paint	
72°F ± 2°F	x	480V, 100A, 3 Phase		Other	
Other		Emergency/ Standby Power		Wall Protection	
Humidity		UPS (OFOI)		Corner Guards	
50%- 25%± 5%	x	Other		Crash Rails	
Uncontrolled				Other	
Other < 50%				Flooring	
15 ACH (Min)				VCT/ Vinyl free tile	x
10 ACH (Min)				Sheet Vinyl	
6 ACH (Min)				Concrete	
100% Make-up Air				Resinous/ Epoxy	
Recirculated Air	x			Carpet	
Air Pressure Positive				Other	
Air Pressure Negative				Base	
Air Filtration at Supply or Exhaust				4" Rubber	x
Other				Integral w/floor	
CASEWORK/MILLWORK/ FURNITURE		EQUIPMENT		Ceiling	
Space Type		Refrigerator	x	Open	
Private		Microwave	x	Acoustic Tile	x
Semi Private	x	Coffee Machine	x	Gyp. Board	x
Open		Dishwasher		Height	
Guest Seating		Printer/ Scanner		Doors	
Table w/ seating for 2-3		Plotter		Size	3'-0"x7'-0"
Wall Cabinets or Shelves		Copier		Type	Single Flush
Sofa/ Lounge chair		Computers		Operable Wall	
Flexible Furniture	x	Other		Vision Panel	
Lateral File Cabinets				Special Hardware or Seals	
2 drawer		ADJACENCY CRITERIA		SECURITY	
3 drawer		Primary Adjacency	Faculty Offices	Locks	
Vertical File Cabinets		Secondary Adjacency		Card Access	x
2 drawer		PERFORMANCE REQUIREMENTS			
3 drawer		NC Acoustical Criteria	30-35		
Bookcases		Acoustical Panels	x		
Conference Table	x	Privacy Criteria			
Markerboard	x	Testing Criteria			
Tackboard		STC Rating			

REMARKS:	
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**E5-3**  
**HOTELING/TOUCHDOWN SPACES**  
SHARED APPLIED HEALTH

	<b>UTILIZATION</b>		<b>P L U M B I N G</b>		<b>A V</b>
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
				Lectern or Other	
				Smartboard	
CLASSROOM OCCUPANY					
No. Of Occupants	1				
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 Vinyl	
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	
CASEWORK/MILLWORK/ FURNITURE		EQUIPMENT			
Space Type		Refrigerator		Base	
Private		Microwave		4" Rubber	x
Semi Private	x	Coffee Machine		Integral w/floor	
Open		Dishwasher		Ceiling	
Guest Seating		Printer/ Scanner		Open	
Table w/ seating for 2-3	x	Plotter		Acoustic Tile	x
Wall Cabinets or Shelves		Copier		Gyp. Board	
Sofa/ Lounge chair		Computers	x	Height	9'
Flexible Furniture	x	Other			
Lateral File Cabinets				Doors	
2 drawer		ADJACENCY CRITERIA		Size	
3 drawer		Primary Adjacency	Staff/ Faculty Offices	Type	
Vertical File Cabinets		Secondary Adjacency	Meeting Rooms	Operable Wall	
2 drawer				Vision Panel	
3 drawer				Special Hardware or Seals	
Bookcases		PERFORMANCE REQUIREMENTS			
Conference Table		NC Acoustical Criteria	35-40	SECURITY	
Markerboard	x	Acoustical Panels		Locks	
Tackboard		Privacy Criteria		Card Access	x
		Testing Criteria			
		STC Rating	40-45		

REMARKS:
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E5-4  
COPY/MAIL AREA  
SHARED APPLIED HEALTH

<b>UTILIZATION</b>		<b>PLUMBING</b>		<b>AV</b>	
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
				Lectern or Other	
				Smartboard	
<b>CLASSROOM OCCUPANY</b>					
No. Of Occupants					
<b>MECHANICAL</b>		<b>ELECTRICAL</b>		<b>ARCHITECTURAL</b>	
Temperature		Electrical Raceway		Walls/Partitions	
70°-75° ± 1°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		CMU, Paint	
Humidity		480V, 100A, 3 Phase		Other	
50%- 25%± 5%	x	Emergency/ Standby Power		Wall Protection	
Uncontrolled		UPS (OFOI)		Corner Guards	
Other < 50%		Other		Crash Rails	
15 ACH (Min)				Other	
10 ACH (Min)		<b>LIGHTING</b>		Flooring	
6 ACH (Min)		Lighting Level		VCT/ Vinyl free tile	x
100% Make-up Air		80-100 fc at bench/desk (labs)		Sheet Vinyl	
Recirculated Air	x	30-60 fc at bench/desk (offices)	x	Concrete	
Air Pressure Positive		Task Lighting		Resinous/ Epoxy	
Air Pressure Negative		Darkenable or Dimmable	x	Carpet	
Air Filtration at Supply or Exhaust		Special Lighting		Other	
Other		Natural Daylight Preferred or not	x		
				Base	
<b>CASEWORK/MILLWORK/ FURNITURE</b>		<b>EQUIPMENT</b>		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	x	Gyp. Board	
Table w/ seating for 2-3		Plotter	x	Height	
Wall Cabinets or Shelves	x	Copier	x		
Sofa/ Lounge chair		Computers	x	Doors	
Flexible Furniture		Other		Size	
Lateral File Cabinets				Type	
2 drawer		<b>ADJACENCY CRITERIA</b>		Operable Wall	
3 drawer		Primary Adjacency		Vision Panel	
Vertical File Cabinets		Secondary Adjacency		Special Hardware or Seals	
2 drawer					
3 drawer	x	<b>PERFORMANCE REQUIREMENTS</b>		<b>SECURITY</b>	
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		
<b>REMARKS:</b>					

E5-5  
STORAGE AREA  
SHARED APPLIED HEALTH

<b>UTILIZATION</b>		<b>PLUMBING</b>		<b>AV</b>	
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	
				Lectern or Other	
				Smartboard	
<b>CLASSROOM OCCUPANY</b>					
No. Of Occupants					
<b>MECHANICAL</b>		<b>ELECTRICAL</b>		<b>ARCHITECTURAL</b>	
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%		Emergency/ Standby Power		Corner Guards	
Uncontrolled		UPS (OFOI)		Crash Rails	
Other < 50%		Other		Other	
15 ACH (Min)				Flooring	
10 ACH (Min)		<b>LIGHTING</b>		Resilient/ Vinyl free tile	X
6 ACH (Min)		Lighting Level		Resilient Sheet	
100% Make-up Air		80-100 fc at bench/desk (labs)		Concrete	
Recirculated Air	X	30-60 fc at bench/desk (offices)		Rubber	
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 or not		4" Rubber	X
				Integral w/floor	
<b>CASEWORK/MILLWORK/ FURNITURE</b>		<b>EQUIPMENT</b>		Ceiling	
Space Type		Refrigerator		Open	
Private		Microwave		Acoustic Tile	
Semi Private		Coffee Machine		Gyp. Board	
Open		Dishwasher		Height	
Guest Seating		Printer/ Scanner			
Table w/ seating for 2-3		Plotter		Doors	
Wall Cabinets or Shelves		Copier		Size	
Sofa/ Lounge chair		Computers		Type	
Flexible Furniture		Other		Operable Wall	
Lateral File Cabinets				Vision Panel	
2 drawer		<b>ADJACENCY CRITERIA</b>		Special Hardware or Seals	
3 drawer		Primary Adjacency	Large Classroom		
Vertical File Cabinets		Secondary Adjacency	Medium Classroom		
2 drawer					
3 drawer		<b>PERFORMANCE REQUIREMENTS</b>		<b>SECURITY</b>	
Bookcases		NC Acoustical Criteria		Locks	X
Conference Table		Acoustical Panels		Card Access	
Markerboard		Privacy Criteria			
Tackboard		Testing Criteria			
		Other Criteria			
<b>REMARKS:</b>					







## F - BUILDING SUPPORT & LOGISTICS

F-1

LOADING DOCK

BUILDING SUPPORT & LOGISTICS

<b>UTILIZATION</b>		<b>PLUMBING</b>		<b>AV</b>	
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	
				Lectern or Other	
				Smartboard	
<b>SPACE OCCUPANY</b>					
No. Of Occupants					
<b>MECHANICAL</b>		<b>ELECTRICAL</b>		<b>ARCHITECTURAL</b>	
Temperature		Electrical Raceway		Walls/Partitions	
70°-75° ± 1°F		110V, 20A, 1 Phase	x	GWB, Paint	
72°F ± 2°F		208V, 30A, 1 Phase		GWB, Epoxy Paint	
Other		208V, 30A, 3 Phase		Other	CMU
Humidity		480V, 100A, 3 Phase		Wall Protection	
50%- 25%± 5%		Emergency/ Standby Power		Corner Guards	
Uncontrolled	x	UPS (OFOI)		Crash Rails	x
Other < 50%		Other		Other	
15 ACH (Min)				Flooring	
10 ACH (Min)		<b>LIGHTING</b>		VCT/ Vinyl free tile	
6 ACH (Min)		Lighting Level		Sheet Vinyl	
100% Make-up Air		80-100 fc at bench/desk (labs)		Concrete	x
Recirculated Air		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	
<b>CASEWORK/MILLWORK/ FURNITURE</b>		<b>EQUIPMENT</b>		Ceiling	
Space Type		Refrigerator		Open	x
Private		Microwave		Acoustic Tile	
Semi Private		Coffee Machine		Gyp. Board	
Open		Dishwasher		Height	
Public	Service	Printer/ Scanner			
Tables w/ seating		Plotter		Doors	
Wall Cabinets or Shelves		Copier		Size	
Sofa/ Lounge chairs		Computers		Type	Overhead
Flexible furniture		Other		Operable Wall	
Other				Vision Panel	
		<b>ADJACENCY CRITERIA</b>		Special Hardware or Seals	
		Primary Adjacency	Receiving Office		
		Secondary Adjacency	Stock/ Stores		
<b>FUNCTIONAL CRITERIA</b>		<b>PERFORMANCE REQUIREMENTS</b>		<b>SECURITY</b>	
		NC Acoustical Criteria		Locks	
		Acoustical Panels		Card Access	x
		Privacy Criteria			
		Other Criteria			

REMARKS:

F-2

RECEIVING/STAGING/OFFICE

BUILDING SUPPORT & LOGISTICS

<b>UTILIZATION</b>		<b>PLUMBING</b>		<b>AV</b>	
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	
				Lectern or Other	
				Smartboard	
<b>SPACE OCCUPANY</b>					
No. Of Occupants					
<b>MECHANICAL</b>		<b>ELECTRICAL</b>		<b>ARCHITECTURAL</b>	
Temperature		Electrical Raceway		Walls/Partitions	
70°-75° ± 1°F		110V, 20A, 1 Phase	x	GWB, Paint	
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)		<b>LIGHTING</b>		VCT/ Vinyl free tile	
6 ACH (Min)		Lighting Level		Sheet Vinyl	
100% Make-up Air		80-100 fc at bench/desk (labs)		Concrete	x
Recirculated Air		30-60 fc at bench/desk (office:	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		4" Rubber	
				Integral w/floor	
<b>CASEWORK/MILLWORK/ FURNITURE</b>		<b>EQUIPMENT</b>		Ceiling	
Space Type		Refrigerator		Open	
Private		Microwave		Acoustic Tile	x
Semi Private	x	Coffee Machine		Gyp. Board	
Open		Dishwasher		Height	
Public		Printer/ Scanner			
Tables w/ seating		Plotter		Doors	
Wall Cabinets or Shelves		Copier		Size	42" wide
Sofa/ Lounge chairs		Computers		Type	
Flexible furniture		Other		Operable Wall	
Other				Vision Panel	
		<b>ADJACENCY CRITERIA</b>		Special Hardware or Seals	
		Primary Adjacency	Dock		
		Secondary Adjacency	Stock Rom/Stores		
<b>FUNCTIONAL CRITERIA</b>		<b>PERFORMANCE REQUIREMENTS</b>		<b>SECURITY</b>	
		NC Acoustical Criteria		Locks	x
		Acoustical Panels		Card Access	x
		Privacy Criteria			
		Other Criteria			

REMARKS:

F-3  
CHEMICAL STORAGE  
BUILDING SUPPORT & LOGISTICS

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

REMARKS:

F-4  
CYLINDER STORAGE  
BUILDING SUPPORT & LOGISTICS

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

REMARKS:



F-5

WASTE/BIOHAZARD STORAGE

BUILDING SUPPORT & LOGISTICS

<b>UTILIZATION</b>	<b>PLUMBING</b>	<b>AV</b>
Hours of Operation	Sinks	Distance Learning
8 hours/day	Standard	Video Conferencing
14 hours/day	ADA	Projection Surface
24 hours/day	Scullery	Flat screen Monitors
	Other	Power at Table
	Safety shower, eyewash	Data at Table
		Lectern or Other
		Smartboard
<b>SPACE OCCUPANY</b>		
No. Of Occupants		
<b>MECHANICAL</b>	<b>ELECTRICAL</b>	<b>ARCHITECTURAL</b>
Temperature	Electrical Raceway	Walls/Partitions
70°-75° ± 1°F	110V, 20A, 1 Phase	GWB, Paint
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%	Emergency/ Standby Power	Corner Guards
Uncontrolled	UPS (OFOI)	Crash Rails
Other < 50%	Other	Other
15 ACH (Min)		Flooring
10 ACH (Min)	<b>LIGHTING</b>	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)	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	4" Rubber
		Integral w/floor
<b>CASEWORK/MILLWORK/ FURNITURE</b>	<b>EQUIPMENT</b>	<b>Ceiling</b>
Space Type	Refrigerator	Open
Private	Microwave	Acoustic Tile
Semi Private	Coffee Machine	Gyp. Board
Open	Dishwasher	Height
Public	Printer/ Scanner	Doors
Tables w/ seating	Plotter	Size
Wall Cabinets or Shelves	Copier	Type
Sofa/ Lounge chairs	Computers	Operable Wall
Flexible furniture	Other	Vision Panel
Other		Special Hardware or Seals
	<b>ADJACENCY CRITERIA</b>	
	Primary Adjacency	
	Secondary Adjacency	
<b>FUNCTIONAL CRITERIA</b>	<b>PERFORMANCE REQUIREMENTS</b>	<b>SECURITY</b>
	NC Acoustical Criteria	Locks
	Acoustical Panels	Card Access
	Privacy Criteria	
	Other Criteria	
REMARKS:		

F-6

BUILDING STORAGE

BUILDING SUPPORT & LOGISTICS

<b>UTILIZATION</b>	<b>PLUMBING</b>	<b>AV</b>
Hours of Operation	Sinks	Distance Learning
8 hours/day	Standard	Video Conferencing
14 hours/day	ADA	Projection Surface
24 hours/day	Scullery	Flat screen Monitors
	Other	Power at Table
		Data at Table
		Lectern or Other
		Smartboard
<b>SPACE OCCUPANY</b>		
No. Of Occupants		
<b>MECHANICAL</b>	<b>ELECTRICAL</b>	<b>ARCHITECTURAL</b>
Temperature	Electrical Raceway	Walls/Partitions
70°-75° ± 1°F	110V, 20A, 1 Phase	GWB, Paint
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%	Emergency/ Standby Power	Corner Guards
Uncontrolled	UPS (OFOI)	Crash Rails
Other < 50%	Other	Other
15 ACH (Min)		Flooring
10 ACH (Min)	<b>LIGHTING</b>	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)	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	4" Rubber
		Integral w/floor
<b>CASEWORK/MILLWORK/ FURNITURE</b>	<b>EQUIPMENT</b>	<b>Ceiling</b>
Space Type	Refrigerator	Open
Private	Microwave	Acoustic Tile
Semi Private	Coffee Machine	Gyp. Board
Open	Dishwasher	Height
Public	Printer/ Scanner	Doors
Tables w/ seating	Plotter	Size
Wall Cabinets or Shelves	Copier	Type
Sofa/ Lounge chairs	Computers	Operable Wall
Flexible furniture	Other	Vision Panel
Other		Special Hardware or Seals
	<b>ADJACENCY CRITERIA</b>	
	Primary Adjacency	
	Secondary Adjacency	
<b>FUNCTIONAL CRITERIA</b>	<b>PERFORMANCE REQUIREMENTS</b>	<b>SECURITY</b>
	NC Acoustical Criteria	Locks
	Acoustical Panels	Card Access
	Privacy Criteria	
	Other Criteria	
REMARKS:		



