

STANDARD DESIGN

AIR FORCE
AIR SUPPORT OPERATIONS SQUADRON
(ASOS)



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CHAPTER 1 INTRODUCTION

1.1. STANDARD DESIGN

Standard Designs provide functional and spatial requirements for specific Air Force facility types and are intended for use in conjunction with DoD Unified Facilities Criteria (UFC), Air Force Corporate Facility Standards, Installation Facility Standards, and other applicable standards.

Standard Designs are living documents that are periodically reviewed, updated, and made available to users by posting on the Whole Building Design Guide. This Standard Design, as well as those for many other Air Force facilities, can be accessed at this web site: <http://wbdg.org/ffc/af-afcec/prototypes-standard-designs>

This Standard Design is effective upon issuance and is distributed only in electronic media.

1.2 AIR FORCE STANDARD DESIGN POLICY

1.2.A. Required use of Standard Designs

The use of Air Force Corporate Facilities Standards (AFCFS), Installation Facility Standards (IFS) and Standard Designs has been codified in the most recent version of AFI 32-1023, *Designing and Constructing Military Construction Projects* (ref (c)). In compliance with the AFI, all facility designs must conform to the standards outlined and specified in the AFCFS, and if there is an applicable Installation Facilities Standards (IFS) document, the project must conform to those standards as well.

This Standard Design was developed in close coordination with the facility's functional users to by determine personnel counts, allowable/authorized space/room sizes, adjacency diagrams between the functional spaces and the overall facility space requirements. It also addresses special requirements unique to this facility type. Use this Standard Design in conjunction with other AF policy and regulations such as ETL's, AFI's, and UFC's when programming and designing this facility type.

1.2.B. Integration with Air Force Corporate and Installation Facility Standards

The Air Force Corporate Facilities Standards (AFCFS), is an enterprise-wide program of facility standards establishing an acceptable level of quality and performance for facility design, facility operations and ongoing building maintenance. The AFCFS provides an exciting direction forward; intended to create sustainable installations and cohesive, efficient, High Performance and Sustainable Buildings throughout the Air Force.

Installation Facilities Standards (IFS) are part of the Air Force Corporate Facilities Standards (AFCFS) program to assist bases in implementing facilities standards at the local level. Bases develop and maintain an IFS, which replaces the Architectural Compatibility Plan, as a component plan of the Installation Development Plan (IDP).

Programmers and designers for Air Support Operations Squadrons (ASOS) must use this Standard Design to ensure the specific functional, spatial, and special requirements are met, meet the local requirements established by the IFS, and the overall Air Force requirements set forth in the AFCFS.

1.3 APPLICABILITY

This Standard Design provides requirements for evaluating, planning, programming, and designing a 240-person Air Support Operations Squadron facility that supports the mission, is appropriately sized, flexible, durable, and life-cycle cost efficient. The information in this Standard Design applies to the design of all new construction projects, to include additions, alterations, and renovation projects worldwide. It also applies to the procurement of Design Build services for the above-noted projects. Alteration and renovation projects should update existing facilities to meet the guidance and criteria within budgetary constraints.

The facility size is dependent on the number of persons authorized to the facility. This Standard Design is based on 240 persons, which is a typical requirement for many Air Support Operations Squadrons. Use the Interactive Programming Worksheet to adjust the overall gross building area based on the number of people to be occupying the facility.

CHAPTER 2 FACILITY DESIGN

2.1 FACILITY DESCRIPTION

2.1.A. Function

The Air Support Operations Squadron (ASOS) functions as liaison and control capacity for the Air Force. It provides close air support for Army divisions, brigades and battalions. In addition, it maintains mission-ready air support operations personnel and radios, vehicles, and mobility equipment deployable worldwide. As part of this effort, the ASOS conducts planning and training programs and performs routine administrative work required by all Air Force squadrons. ASOS personnel work closely with Army personnel while on the installation and also deploy with Army units during training missions and in wartime.

An ASOS is part of an Air Support Operations Group (ASOG), which is responsible for commanding, training, equipping, and evaluating units that support Army Corps and subordinate units. The ASOG also provides weather support, does tactical planning, and commands and controls all Air Force units aligned with the associated Army units.

An ASOS facility must support:

- Office administrative functions.
- Group training and instruction.
- Vehicle maintenance and minor repair work.

- Combat Mission Support Maintenance
- Equipment maintenance (radios and communications equipment).
- Storage (personal and supply) and inventory management.
- Physical training, with most units doing some mixture of individual, flight, and squadron training.

Area Modules

- A – Administration Module
 - Combat Mission Support Flight Chief Office
 - Job Control Office
 - Material Control Office
 - Material Control Open Office
 - Combat Mission Support Maintenance
 - Combat Mission Support Maintenance Open Office
 - Radio Maintenance Open Office
 - Combat Mission Support Open Office
 - Dietician Office
 - Physical Therapist Office
 - Social Worker Office
 - Medical Tech Office
 - Exercise Physician Office
 - Clinical Psychologist Office
 - Human Performance Supervisor/Strength Training Office
 - Commander Office
 - Commander Admin Area
 - Commander Conference Room
 - First Sergeant Office
 - Director of Operations Office
 - CEM Office
 - Command Storage/Print
 - Flight Commander Office
 - Flight Operations Open Office
 - Flight Chief Office
 - Flight Briefing Room
 - Operations Support Open Office
 - Filing/Storage/Printing
 - Director of Operations Office
 - Operations Superintendent Office
- B –Common Area Module
 - Multi-Purpose Room
 - Multi-Purpose Room Storage
 - Heritage Room
 - Recycle/Vending
 - Vestibule

- C – Non-Office-Areas: Maintenance Module
 - Bench Stock Storage
 - Battery Room
 - Mobility Readiness Spare Parts (MRSP) Storage
 - Radio Maintenance Field Equipment Storage
 - Radio Maintenance Work Center
 - Vehicle Maintenance Bays
 - LOGDET Storage
 - Maintenance Equipment Storage
 - Tire Shop
 - Vehicle Battery Charging Room
- D – Simulators Module
 - JTAC Sim Suite
 - ASOC Rehearsal Simulator
 - Table Top Simulator
 - Simulator Briefing Room
 - Simulator Office
 - White Cell Room
- E – Non-Office Common Module
 - Arms Room
 - Weapons Cleaning
 - Weapons Office/Maintenance
 - Mud Restroom
 - Mud Laundry
- F – Secure Area Module
 - Conference Room
 - Briefing Room
 - Rack Room
 - Intel Training/Classroom
 - Mission Planning Center
 - Study/Safe Room
 - Senior Intel and NCOIC
 - Weapons and Tactics Office
 - Weapons and Tactics Open Office
 - Intel Open Office
 - Deadman Room
- G – Human Performance Training Center (HPTC) Module
 - Strength and Conditioning
 - Physical Therapy Room
 - HPTC Storage
 - Hydro Therapy Room
 - Physical Assessment Area (Exam Room)
 - Nutrition Education Room
- H – Toilet/Shower/Locker Module

- Men's Restroom
- Men's Locker
- Men's Shower
- Women's Restroom
- Women's Locker
- Women's Shower
- Janitor
- Men's Restroom (Maintenance)
- Men's Shower/Locker (Maintenance)
- Women's Restroom (Maintenance)
- Women's Shower/Locker (Maintenance)
- Unisex (Command)
- Individual Tactical Equipment Storage
- I – Building Support Module
 - Communications Room
 - Electrical Room
 - Mechanical Room
 - Fire Pump Room

2.1.B. Typical Users

The ASOS is used by Air Force Permanent Party Personnel.

Hours of operation for this facility type are 24-7 and this Standard Design is for 240 persons.

2.1.C. Related AFMAN 32-1084 Category Code

The facility areas have been planned to the extent possible utilizing AFMAN 32-1084 guidelines. Spaces that deviate from the standard are considered to be mission-justified.

The related AFMAN 32-1084 Category Codes are as follows:

Facility Class 1 Operation and Training, Category Group 17 – Training Facilities;

Facility Class 2 – Maintenance and Production, Category Group 21 – Maintenance Facilities; and

Facility Class 6 – Administrative, Category Group 61 – Administrative and Administration Support Facilities.

2.1.D. AFCFS

Consult the Air Force Corporate Facilities Standards (AFCFS) to determine quality standards for this facility group. This Standard Design is considered a Group 2 Administrative hierarchy.

2.2 CRITERIA

2.2.A APPLICABLE UNIFIED FACILITY CRITERIA

Comply with UFC 1-200-01, DoD Building Code (General Building Requirements). UFC 1-200-01 provides applicability of model building codes and government unique criteria for typical design disciplines and building systems, as well as for accessibility, antiterrorism, security, high performance and sustainability requirements, and safety. Use this Standard Design in addition to UFC 1-200-01 and the UFCs and government criteria referenced therein. UFC 1-200-01 references other “Core UFCs” that are applicable to this Standard Design as well as most all DoD facilities.

Meet the requirements of UFC 1-200-02 High Performance and Sustainable Building Requirements and achieve green building certification in accordance with the current Air Force Sustainable Design and Development memo. Most, but not all applicable Unified Facility Criteria documents are listed below. Utilize the most current version of each reference.

UFC 1-200-01	DoD Building Code (General Building Requirements)
UFC 1-200-02	High Performance and Sustainability Building Requirements
UFC 1-300-02	Unified Facilities Guide Specifications (UFGS) Format Standard
UFC 1-300-07A	Design Build Technical Requirements
UFC 3-101-01	Architecture
UFC 3-110-03	Roofing
UFC 3-120-01	Design: Sign Standards
UFC 3-120-10	Interior Design
UFC 3-190-06	Protective Coatings and Paints
UFC 3-201-01	Civil Engineering
UFC 3-201-02	Landscape Architecture
UFC 3-210-10	Low Impact Development
UFC 3-220-01	Geotechnical Engineering
UFC 3-240-01	Wastewater Collection

UFC 3-250-01	Pavement Design for Roads and Parking Areas
UFC 3-250-03	Standard Practice Manual for Flexible Pavements
UFC 3-250-04	Standard Practice for Concrete Pavements
UFC 3-301-01	Design: Structural Engineering
UFC 3-400-02	Design: Engineering Weather Data
UFC 3-401-01	Mechanical Engineering
UFC 3-410-01	Heating, Ventilation, and Air Conditioning Systems
UFC 3-410-02	Direct Digital Control for HVAC and Other Local Building Systems
UFC 3-420-01	Plumbing Systems
UFC 3-450-01	Noise and Vibration Control
UFC 3-501-01	Electrical Engineering
UFC 3-520-01	Interior Electrical Systems,
UFC 3-520-05	Stationary Battery Areas
UFC 3-530-01	Interior and Exterior Lighting Systems and Controls,
UFC 3-540-01	Engine-Driven Generator Systems for Backup Power Applications
UFC 3-550-01	Exterior Electrical Power Distribution
UFC 3-570-01	Cathodic Protection
UFC 3-575-01	Lightning and Static Electricity Protection Systems
UFC 3-580-01	Telecommunications Interior Infrastructure Planning and Design
UFC 3-600-01	Fire Protection Engineering for Facilities
UFC 4-010-01	DoD Minimum Antiterrorism Standards for Buildings
UFC 4-010-05	Sensitive Compartmented Information Facilities Planning, Design, and Construction
UFC 4-020-01	Security Engineering Facilities Planning Manual
UFC 4-021-01	Design and O&M: Mass Notification Systems
UFC 4-010-06	Cybersecurity of Facility-Related Control Systems

UFC 4-215-01	Armories and Arms Rooms
UFC 4-440-01	Warehouse and Storage Facilities
UFC 4-740-02	Fitness Centers

2.2.B OTHER APPLICABLE CRITERIA

International Building Code (IBC)

National Fire Protection Association (NFPA) 101 Life Safety Code

Architectural Barriers Act (ABA)

Air Force Special Operations Command Human Performance Program (HPP) Area – User Requirements Document

ICD 705 Sensitive Compartmented Information Facilities

Preservation of Force and Family (POTFF) FA4890-18-R-5004

2.2.C. Sustainability

Comply with the Federal sustainability requirements as detailed in UFC 1-200-02, High Performance and Sustainable Building Requirements. Determine third-party certification requirements based on Table 1-1 of UFC 1-200-02 and current AF guidance at <https://www.wbdg.org/ffc/af-afcec>.

2.2.D. Security and Antiterrorism (AT)

The facility must meet the requirements UFC 4-020-01 Security Engineering Facilities Planning Manual, and UFC 04-010-01 DoD Minimum Antiterrorism Standards for Buildings.

2.3 NOTIONAL SITE

2.3.A. Site Location, Orientation and Adjacencies

The notional site plan diagram demonstrates key site development criteria. It is not a site-specific solution. The information represents the land requirements to construct this facility and includes associated AT standoffs and parking. Additional land may be needed to comply with the stormwater management requirements of UFC 3-210-10, Low Impact Development. Utilization of existing or shared parking is allowable and may reduce the total acreage required for the facility. Adapt the requirements to the specific site and location and comply with the applicable Installation Development Plan (IDP) and Area Development Plan (ADP) for facility siting.

Several factors determine the most appropriate and cost-effective location for a facility. The availability and capacity of required utilities and the mass/scale of the facility relative to adjacent structures and noise issues must be analyzed.

Emphasis must be placed on operation, function, and safety when siting the facility. The preferred location of the facility is determined by the base master plan and is generally located in a specific geographic area or “zone” of the base.

The approximate project area required for the facility is 7.00 acres, which includes antiterrorism/force protection standoff and parking.

2.3.B. Parking

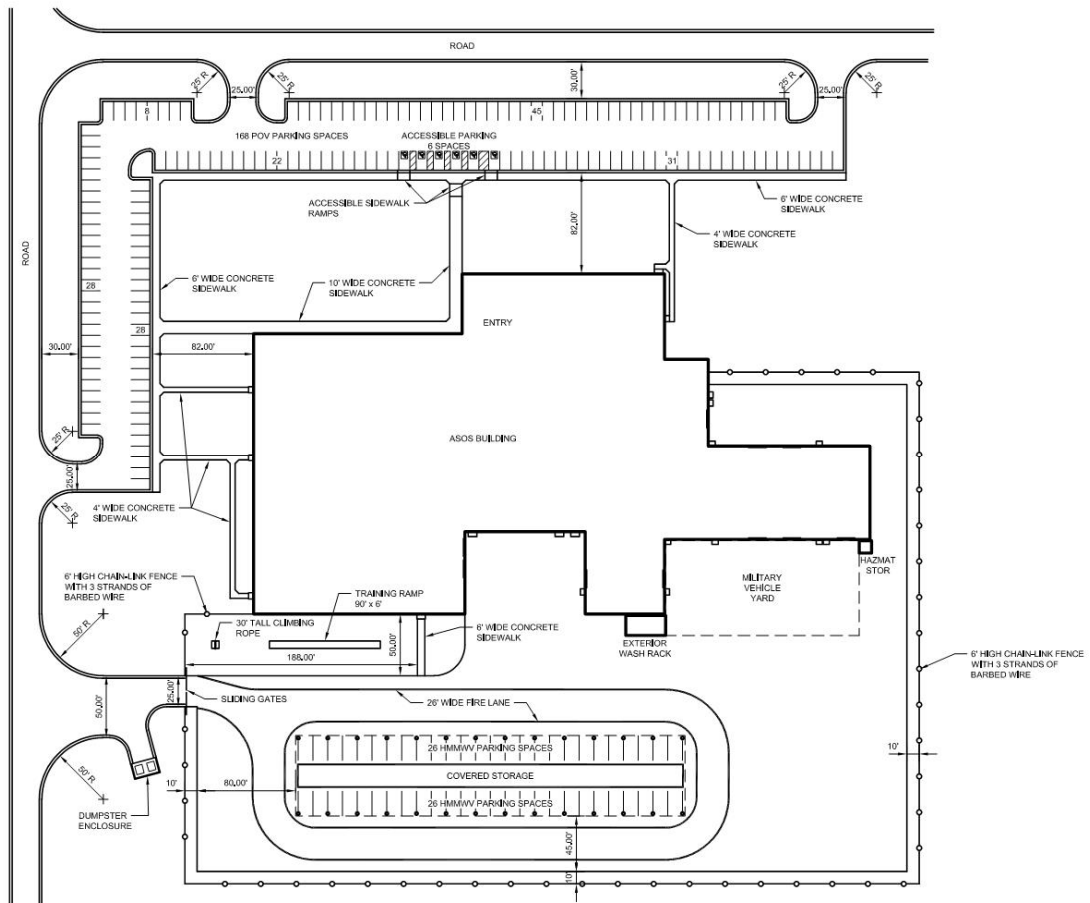
Parking must be provided to accommodate 70% of the design capacity of the facility.

2.3.C. Vehicular and Pedestrian Circulation

Convenient and safe vehicular access and circulation must be provided for personal vehicles and essential services, including operations, maintenance, deliveries, dumpster /recycling collection, and emergency services.

Locate sidewalk networks to provide convenient and safe pedestrian circulation from existing circulation elements of the project site to the new parking areas and doors of the facility. Sidewalk width must accommodate maintenance and emergency services requirements.

2.3.D. Notional Site Plan



2.4 BUILDING DESIGN

2.4.A. General Considerations

General considerations of the facility design are centered on:

- The Maintenance Modules and HPTC Modules.
- The functional relationships between the modules as well as between the spaces within the modules

Personnel and visitors enter the facility through the First Floor Common Area Module.

The Building Support, Vehicle Maintenance and Arms Room areas require exterior access.

Other general considerations include:

- The size of the HPTC module (and associated administrative spaces), the number of Flights in the Administration Module, and the Individual Storage in the Toilet/Shower/Locker Module will be affected by the number of permanently authorized personnel to the facility. The prototype design is based on 240 personnel.

2.4.B. Building Configuration

The building should be configured for future expansion or reconfiguration. The general size of the building is based on the number of personnel.

2.4.C. Interior/Exterior Relationships

The facility will have access to POV and Visitor parking as well as outdoor areas adjacent to the Maintenance Modules to include Hazmat Storage, Outdoor Training Area (HPTC) and Military Vehicle Yard.

2.4.D. Functional Area Requirements

Facility Modules Adjacency Diagrams & Conceptual Axonometric Layout(s)

The composite diagram(s) represent ways to conceptually assemble the functional areas (modules) into a cohesive whole. Individual modules are represented by different colors.

Spaces and rooms that are integrally related with a specific functional connection or operational flow are grouped into a module. Modules and the associated room data sheets identify specific criteria and additional detail for each functional area of the facility as outlined in the Interactive Programming Sheet located at the end of the document.

The modules are a grouping of functional spaces and represent “Lego blocks” to be used in a “kit-of-parts” design approach. Use the fixed modules as pre-assembled

pieces of the facility “puzzle”. Assemble them to comply with the required adjacencies indicated in the diagrams and module plans.

Modules must be used as shown in this Standard Design to the greatest extent possible and must not be deconstructed or altered except as indicated herein. The intent of the Standard Design criteria is to avoid manipulation of the composition, functional relationships, adjacencies, and module sizes. Modules contain fixed attributes and must not be changed arbitrarily. Modules may be rotated, flipped, and/or mirrored to accommodate an overall composition or site issue, but this must not be done arbitrarily and should occur only when necessary.

Some modules are linked to space requirements that increase or decrease in size based on the number of personnel. In these cases, increase or decrease the size of the Common Area Modules to match the revised scope calculation. This may sometimes require minor adjustments in other adjacent modules so that they properly fit together to create a constructible facility floor plan. Spaces must comply with any critical dimensions indicated on module plans. Manipulate as few modules as possible to create a constructible facility. The resulting composite plan must respect the established modules adjacencies and must not exceed the authorized project scope.

Functional Adjacency Diagram

The following Functional Adjacency Diagrams form the basis of design for the ASOS Standard Design. The Standard Design is based on a one-story 240-person maintenance facility. The facility is programmed around the Maintenance Modules located to provide exterior, at grade access, with administration and other required adjacencies organized to accommodate the mission.

ADJACENCY LEGEND

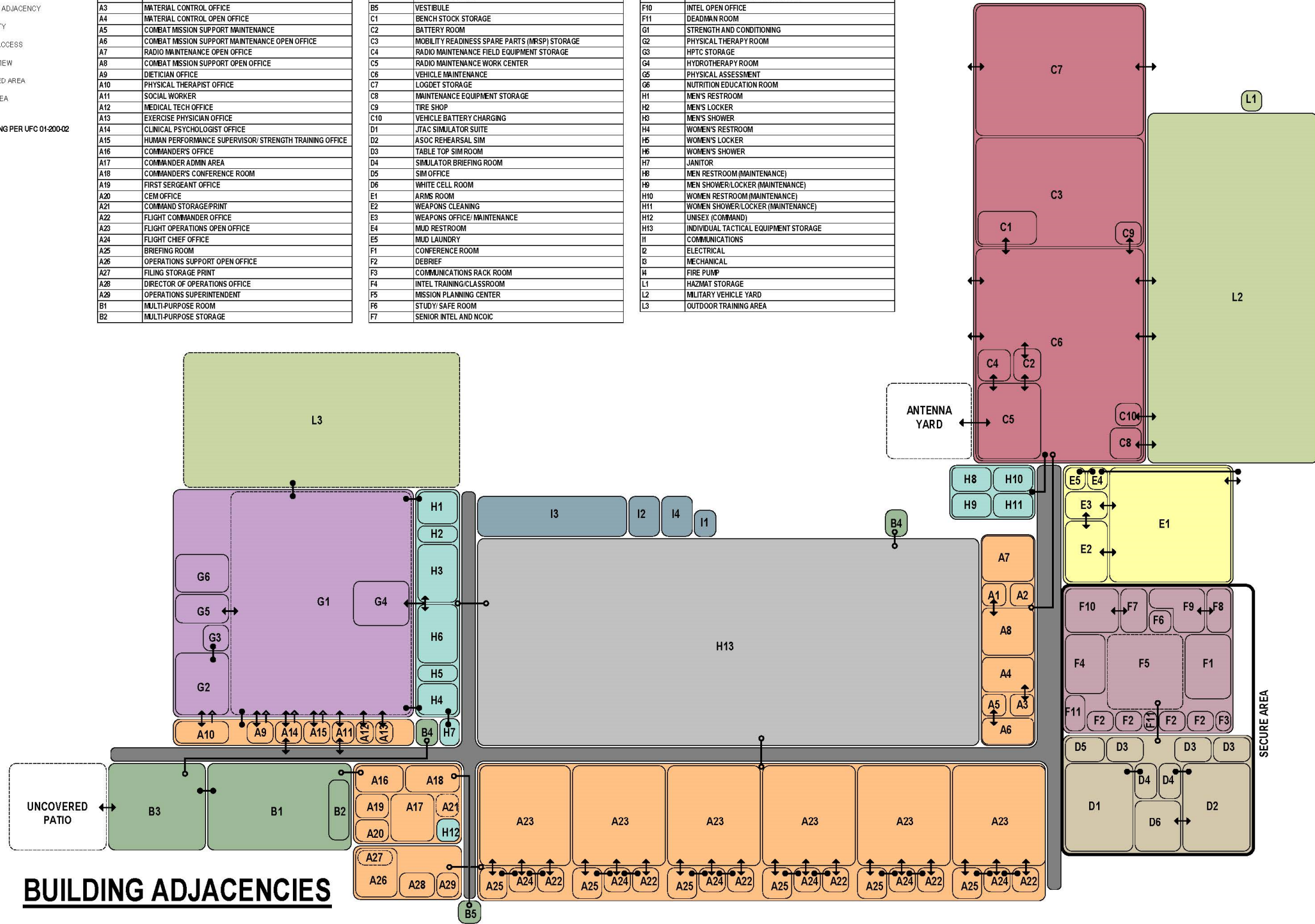
- PRIMARY ADJACENCY
- PROXIMITY
- DIRECT ACCESS
- DIRECT VIEW
- ENCLOSED AREA
- OPEN AREA

*NOTE: DAYLIGHTING PER UFC 01-200-02

A1	COMBAT MISSION SUPPORT FLIGHT CHIEF OFFICE
A2	JOB CONTROL OFFICE
A3	MATERIAL CONTROL OFFICE
A4	MATERIAL CONTROL OPEN OFFICE
A5	COMBAT MISSION SUPPORT MAINTENANCE
A6	COMBAT MISSION SUPPORT MAINTENANCE OPEN OFFICE
A7	RADIO MAINTENANCE OPEN OFFICE
A8	COMBAT MISSION SUPPORT OPEN OFFICE
A9	DIETICIAN OFFICE
A10	PHYSICAL THERAPIST OFFICE
A11	SOCIAL WORKER
A12	MEDICAL TECH OFFICE
A13	EXERCISE PHYSICIAN OFFICE
A14	CLINICAL PSYCHOLOGIST OFFICE
A15	HUMAN PERFORMANCE SUPERVISOR/ STRENGTH TRAINING OFFICE
A16	COMMANDER'S OFFICE
A17	COMMANDER ADMIN AREA
A18	COMMANDER'S CONFERENCE ROOM
A19	FIRST SERGEANT OFFICE
A20	CEM OFFICE
A21	COMMAND STORAGE/PRINT
A22	FLIGHT COMMANDER OFFICE
A23	FLIGHT OPERATIONS OPEN OFFICE
A24	FLIGHT CHIEF OFFICE
A25	BRIEFING ROOM
A26	OPERATIONS SUPPORT OPEN OFFICE
A27	FLIGHT STORAGE PRINT
A28	DIRECTOR OF OPERATIONS OFFICE
A29	OPERATIONS SUPERINTENDENT
B1	MULTI-PURPOSE ROOM
B2	MULTI-PURPOSE STORAGE

B3	HERITAGE ROOM
B4	RECYCLE/ VENDING
B5	VESTIBULE
C1	BENCH STOCK STORAGE
C2	BATTERY ROOM
C3	MOBILITY READINESS SPARE PARTS (MRSP) STORAGE
C4	RADIO MAINTENANCE FIELD EQUIPMENT STORAGE
C5	RADIO MAINTENANCE WORK CENTER
C6	VEHICLE MAINTENANCE
C7	LOGGET STORAGE
C8	MAINTENANCE EQUIPMENT STORAGE
C9	TIRE SHOP
C10	VEHICLE BATTERY CHARGING
D1	JTAC SIMULATOR SUITE
D2	ASOC REHEARSAL SIM
D3	TABLE TOP SIM ROOM
D4	SIMULATOR BRIEFING ROOM
D5	SIM OFFICE
D6	WHITE CELL ROOM
E1	ARMS ROOM
E2	WEAPONS CLEANING
E3	WEAPONS OFFICE/ MAINTENANCE
E4	MUD RESTROOM
E5	MUD LAUNDRY
F1	CONFERENCE ROOM
F2	DEBRIEF
F3	COMMUNICATIONS RACK ROOM
F4	INTEL TRAINING/CLASSROOM
F5	MISSION PLANNING CENTER
F6	STUDY/SAFE ROOM
F7	SENIOR INTEL AND NCOIC

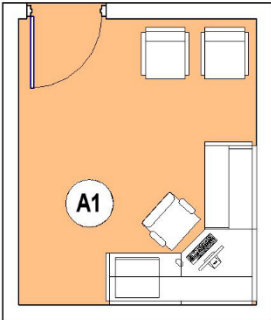
F8	WEAPONS AND TACTICS OFFICE
F9	WEAPONS AND TACTICS OPEN OFFICE
F10	INTEL OPEN OFFICE
F11	DEADMAN ROOM
G1	STRENGTH AND CONDITIONING
G2	PHYSICAL THERAPY ROOM
G3	HPTC STORAGE
G4	HYDROTHERAPY ROOM
G5	PHYSICAL ASSESSMENT
G6	NUTRITION EDUCATION ROOM
H1	MEN'S RESTROOM
H2	MEN'S LOCKER
H3	MEN'S SHOWER
H4	WOMEN'S RESTROOM
H5	WOMEN'S LOCKER
H6	WOMEN'S SHOWER
H7	JANITOR
H8	MEN RESTROOM (MAINTENANCE)
H9	MEN SHOWER/LOCKER (MAINTENANCE)
H10	WOMEN RESTROOM (MAINTENANCE)
H11	WOMEN SHOWER/LOCKER (MAINTENANCE)
H12	UNISEX (COMMAND)
H13	INDIVIDUAL TACTICAL EQUIPMENT STORAGE
I1	COMMUNICATIONS
I2	ELECTRICAL
I3	MECHANICAL
I4	FIRE PUMP
L1	HAZMAT STORAGE
L2	MILITARY VEHICLE YARD
L3	OUTDOOR TRAINING AREA



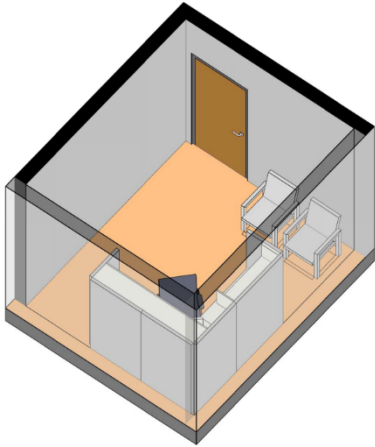
MODULE A – Administration-Maintenance (A1 – A8)
Module Net Area: 2,144 sq.ft

Function and Adjacency – A1 Combat Mission Support Flight Chief Office

This office should be located adjacent to other maintenance offices and convenient to all maintenance areas.



Combat Mission Support Flight Chief Office (A1)

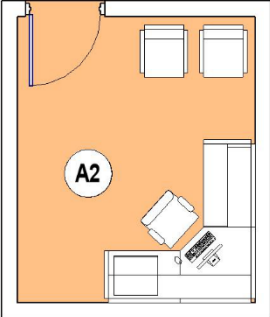


Combat Mission Support Flight Chief Office (A1) Axonometric

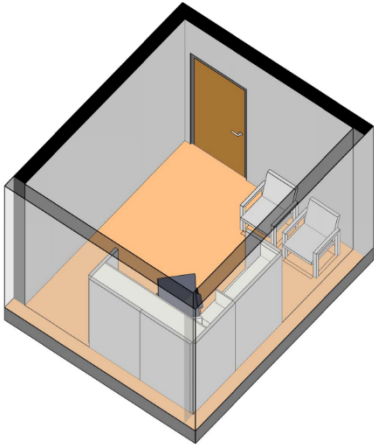
Not to Scale

Function and Adjacency – A2 Job Control Office

This office should be located adjacent to other maintenance offices and convenient to all maintenance areas.



Job Control Office (A2)

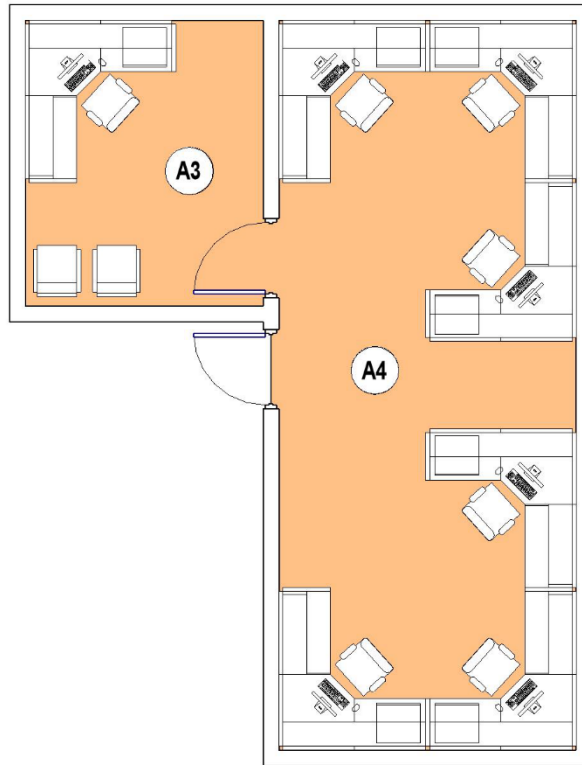


Job Control Office (A2) Axonometric

Not to Scale

Function and Adjacency – A3 & A4 Material Control Offices (Private and Open)

These are private and open offices for Material Control and should be collocated. They should be adjacent to other maintenance offices and convenient to all maintenance areas.



Material Control Private Office (A3) and Open Office (A4)



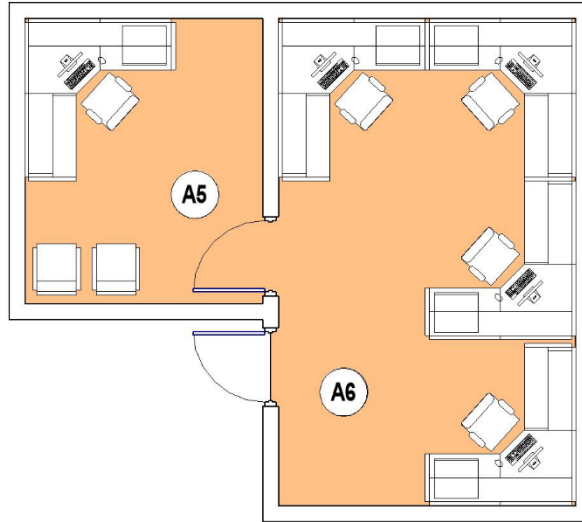


Material Control Private Office (A3) and Open Office (A4) Axonometric

Not to Scale

Function and Adjacency – A5 & A6 Combat Mission Support Offices (Private and Open)

These are private and open offices for Combat Mission Support and should be collocated. They should be adjacent to other maintenance offices and convenient to all maintenance areas.



Combat Mission Support Maintenance Office (A5) and Open Office (A6)



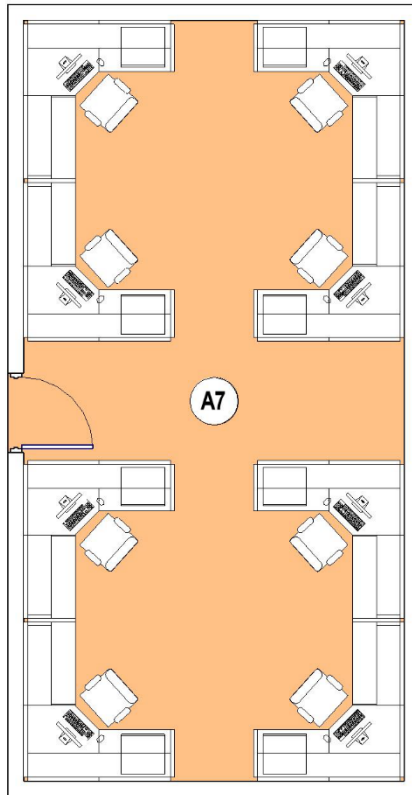


Combat Mission Support Maintenance Office (A5) and Open Office (A6) Axonometric

Not to Scale

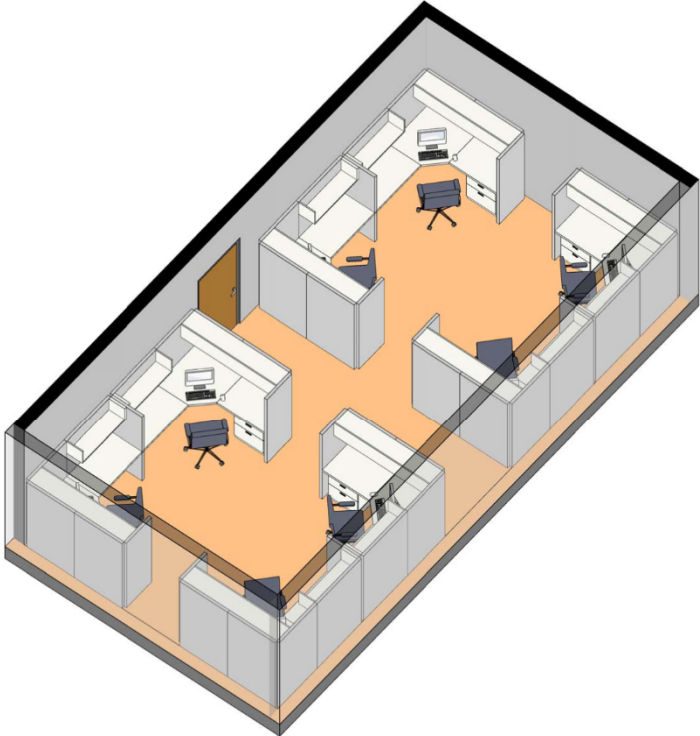
Function and Adjacency – A7 Radio Maintenance Open Office

This is shared administrative space for the Radio Maintenance personnel. The office should be collocated with the Combat Mission Support Open Office, located adjacent to other maintenance offices and convenient to all maintenance areas.



Radio Maintenance Open Office (A7)



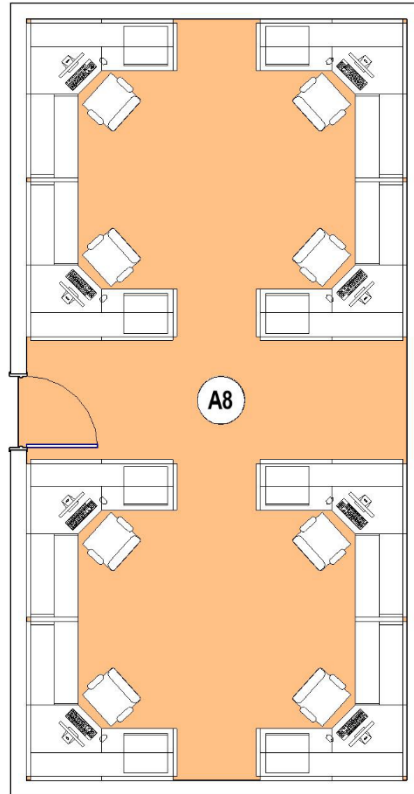


Radio Maintenance Open Office (A7) Axonometric

Not to Scale

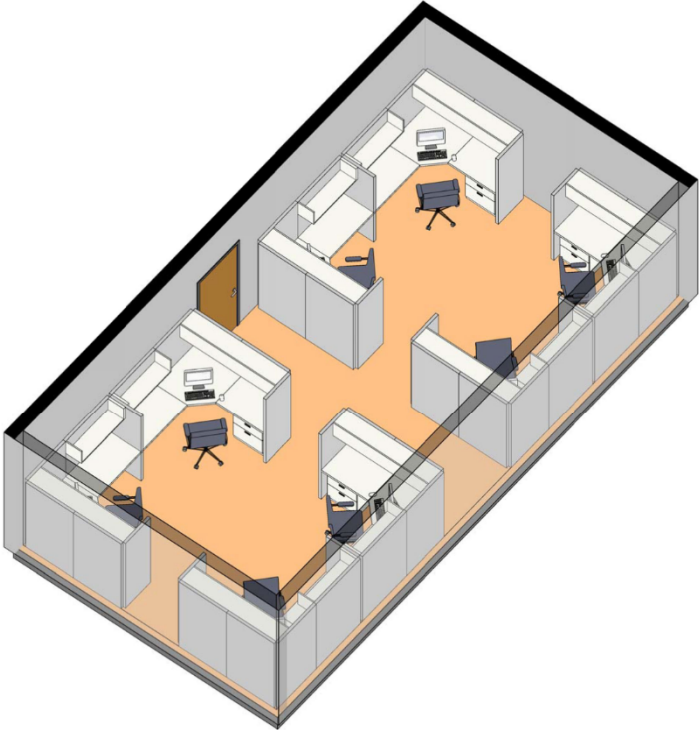
Function and Adjacency – A8 Combat Mission Support Open Office

This is shared administrative space for ASOC LG Flights. It can be collocated with the Radio Maintenance Open Office, and should be located convenient to Logdet Storage.



Combat Mission Support Open Office (A8)





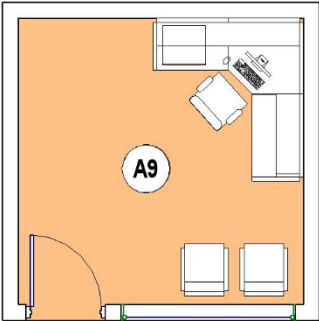
Combat Mission Support Open Office (A8) Axonometric

Not to Scale

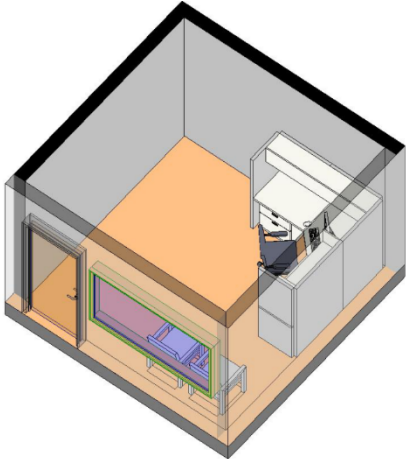
MODULE A – Administration-HPTC (A9 – A15)
Module Net Area: 1,000 sq.ft

Function and Adjacency – A9 Dietician Office

This is private administrative office for a Dietician to meet with and consult staff. It should be located adjacent to the Human Performance Training Center (HPTC).



Dietician Office (A9)

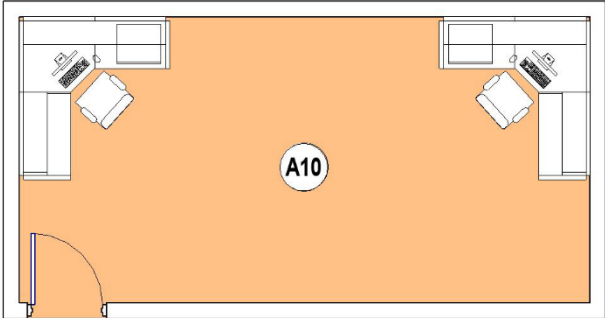


Dietician Office (A9) Axonometric

Not to Scale

Function and Adjacency – A10 Physical Therapist Office

This is a shared, semi-private office for a Physical Therapist and should be located adjacent to the Human Performance Training Center (HPTC), with direct access to the Physical Therapy Room.



Physical Therapy Office (A10)

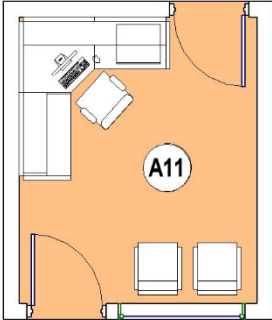


Physical Therapy Office (A10) Axonometric

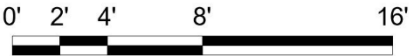
Not to Scale

Function and Adjacency – A11 Social Worker Office

This is private administrative office for the Social Worker to meet with personnel. It should be located adjacent to the Human Performance Training Center (HPTC) and remotely from the Commander’s Suite.



Social Worker Office (A11)

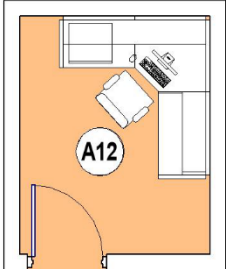


Social Worker Office (A11) Axonometric

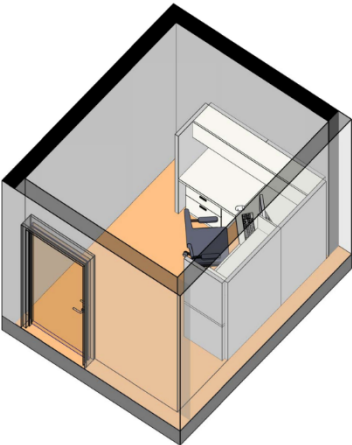
Not to Scale

Function and Adjacency – A12 Medical Tech Office

This is private administrative office for the Medical Technician and should be located adjacent to the Human Performance Training Center (HPTC).



Medical Tech Office (A12)

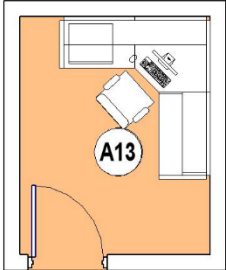


Medical Tech Office (A12) Axonometric

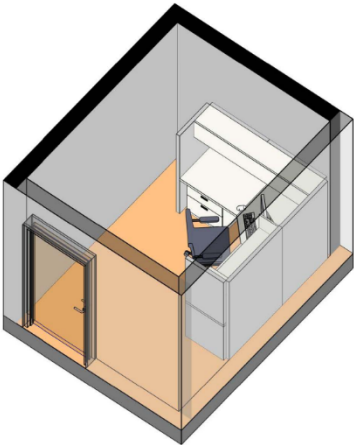
Not to Scale

Function and Adjacency – A13 Exercise Physician Office

This is private administrative office for the Exercise Physician and should be located adjacent to the Human Performance Training Center (HPTC).



Exercise Physician Office (A13)

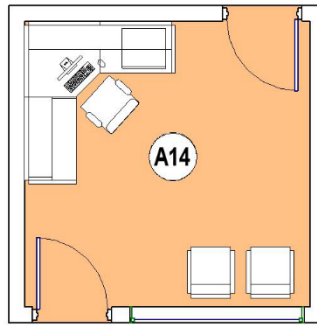


Exercise Physician Office (A13) Axonometric

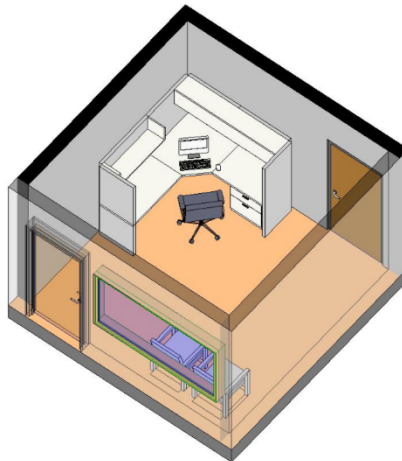
Not to Scale

Function and Adjacency – A14 Clinical Psychologist Office

This is private administrative office for the Clinical Psychologist and should be located adjacent to the Human Performance Training Center (HPTC) and remotely from the Commander’s Suite.



Clinical Psychologist Office (A14)

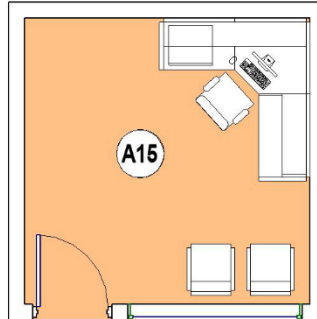


Clinical Psychologist Office (A14) Axonometric

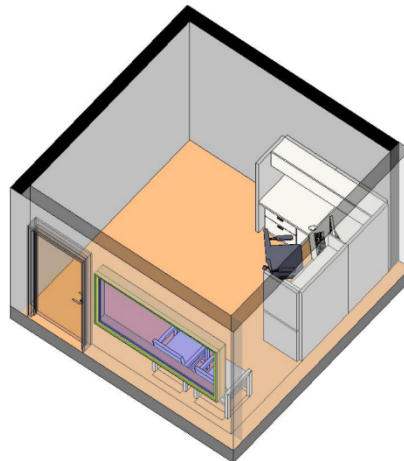
Not to Scale

Function and Adjacency – A15 Human Performance Supervisor/Strength Training Office

This is private administrative office for the Human Performance Supervisor/Strength Trainer and should be located adjacent to the Human Performance Training Center (HPTC).



Human Performance Supervisor/Strength Training Office (A15)



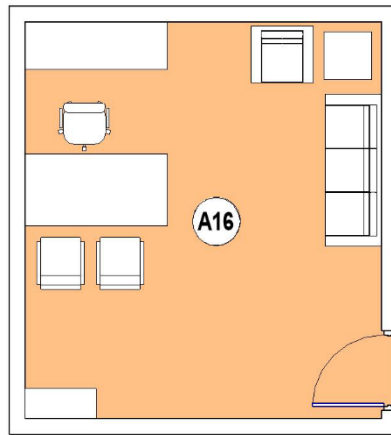
Human Performance Supervisor/Strength Training Office (A15) Axonometric

Not to Scale

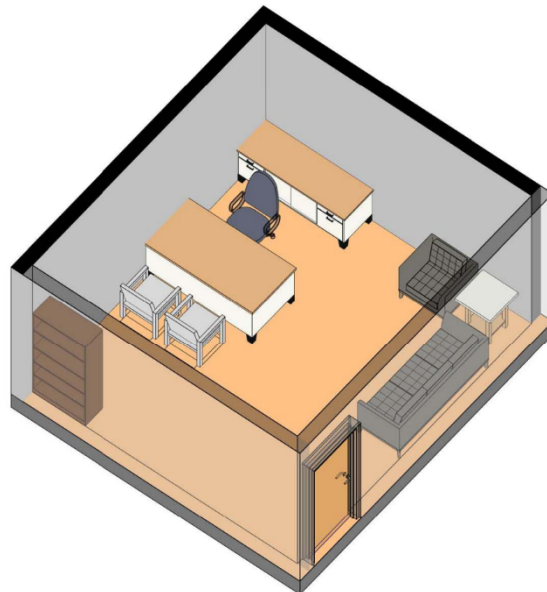
MODULE A – Administration-Commander’s Suite (A16 – A21)
Module Net Area: 1,409 sq.ft

Function and Adjacency – A16 Commander Office

This is executive private office space for the Squadron Commander. The office should be located near the Multi-Purpose Room, and adjacent to the rest of the Command Suite.



Commander Office (A16)

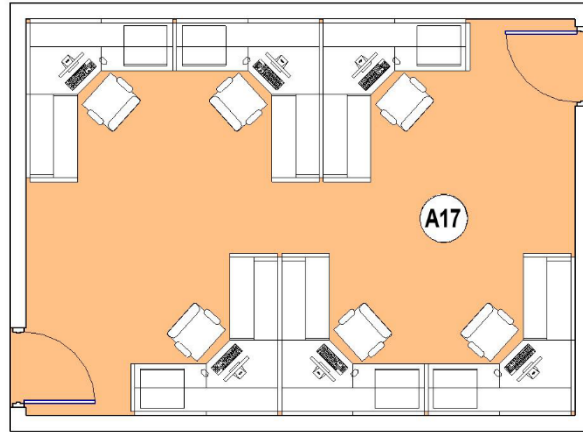


Commander Office (A16) Axonometric

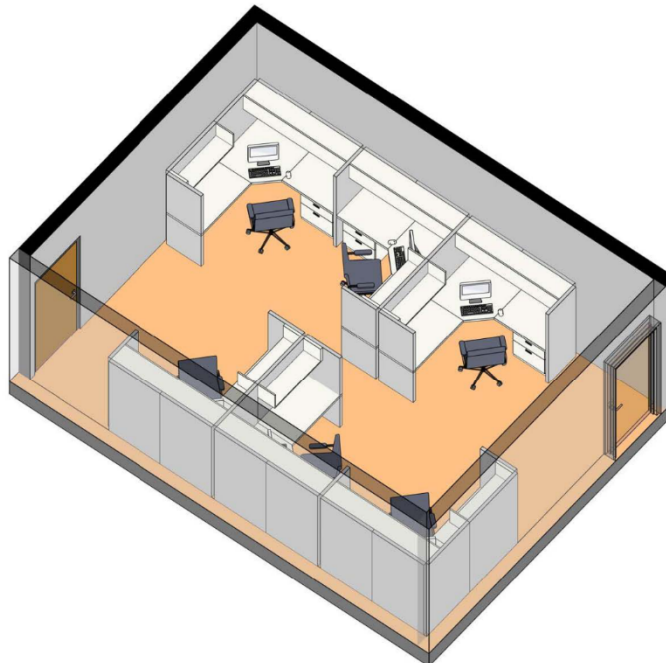
Not to Scale

Function and Adjacency – A17 Commander Admin Area

This is open office space for Command staff and should be located adjacent to the Commander Office and other Command functions.



Commander Admin Area (A17)

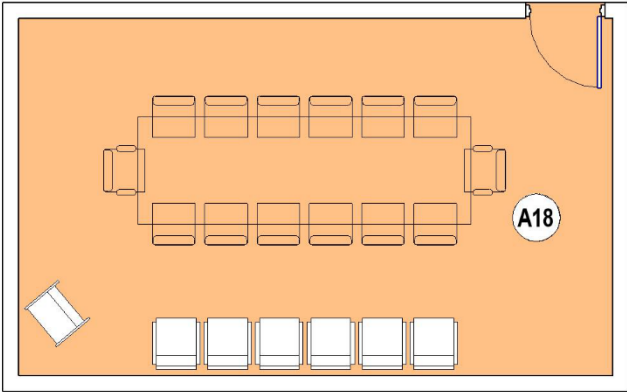


Commander Admin Area (A17) Axonometric

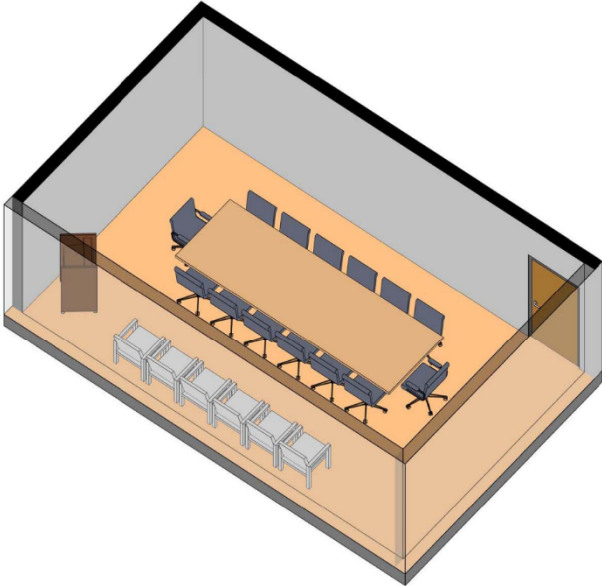
Not to Scale

Function and Adjacency – A18 Commander Conference Room

This Conference Room will be used predominantly by the Squadron Commander and should seat 20 people. It should be located adjacent to the Commander Office and near the primary facility entry for visitors.



Commander Conference Room (A18)

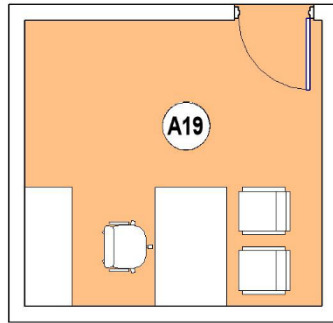


Commander Conference Room (A18) Axonometric

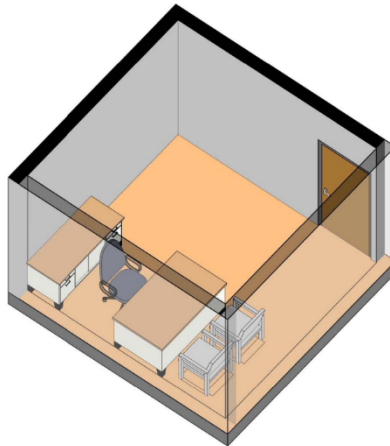
Not to Scale

Function and Adjacency – A19 First Sergeant Office

This is a private office space for the First Sergeant and should be located near the Commander Office.



First Sergeant Office (A19)

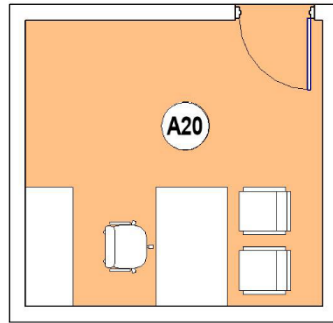


First Sergeant Office (A19) Axonometric

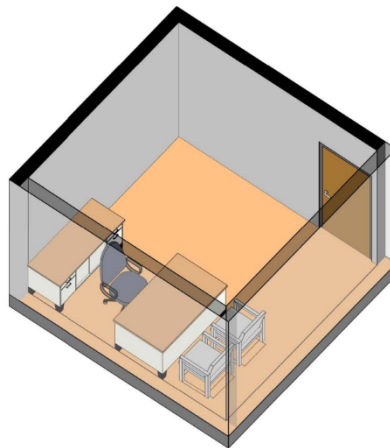
Not to Scale

Function and Adjacency – A20 CEM Office

This is a private office space for the CEM and should be located near the Command Office.



CEM Office (A20)

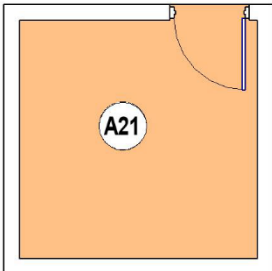


CEM Office (A20) Axonometric

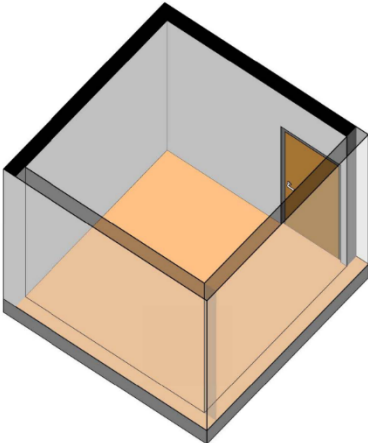
Not to Scale

Function and Adjacency – A21 Commander Storage/Print

This is administrative storage and print/copy space for the Commander’s Suite. This area can be an enclosed room or collocated with the Commander Admin Area.



Command Storage/Print (A21)



Command Storage/Print (A21) Axonometric

Not to Scale

MODULE A – Administration-Flight Ops (A22 – A25)
Module Net Area: 2,196 sq.ft (Single Flight); 13,176 sq.ft (6 Flight POC)

Function and Adjacency –

A22 Flight Commander Office

This is a private office for the Flight Commander. A Flight Commander Office is required for each Flight. This office should have physical access to the Flight Operations Open Office and be adjacent to both the Flight Chief Office and Flight Briefing Room.

A23 Flight Operations Open Office

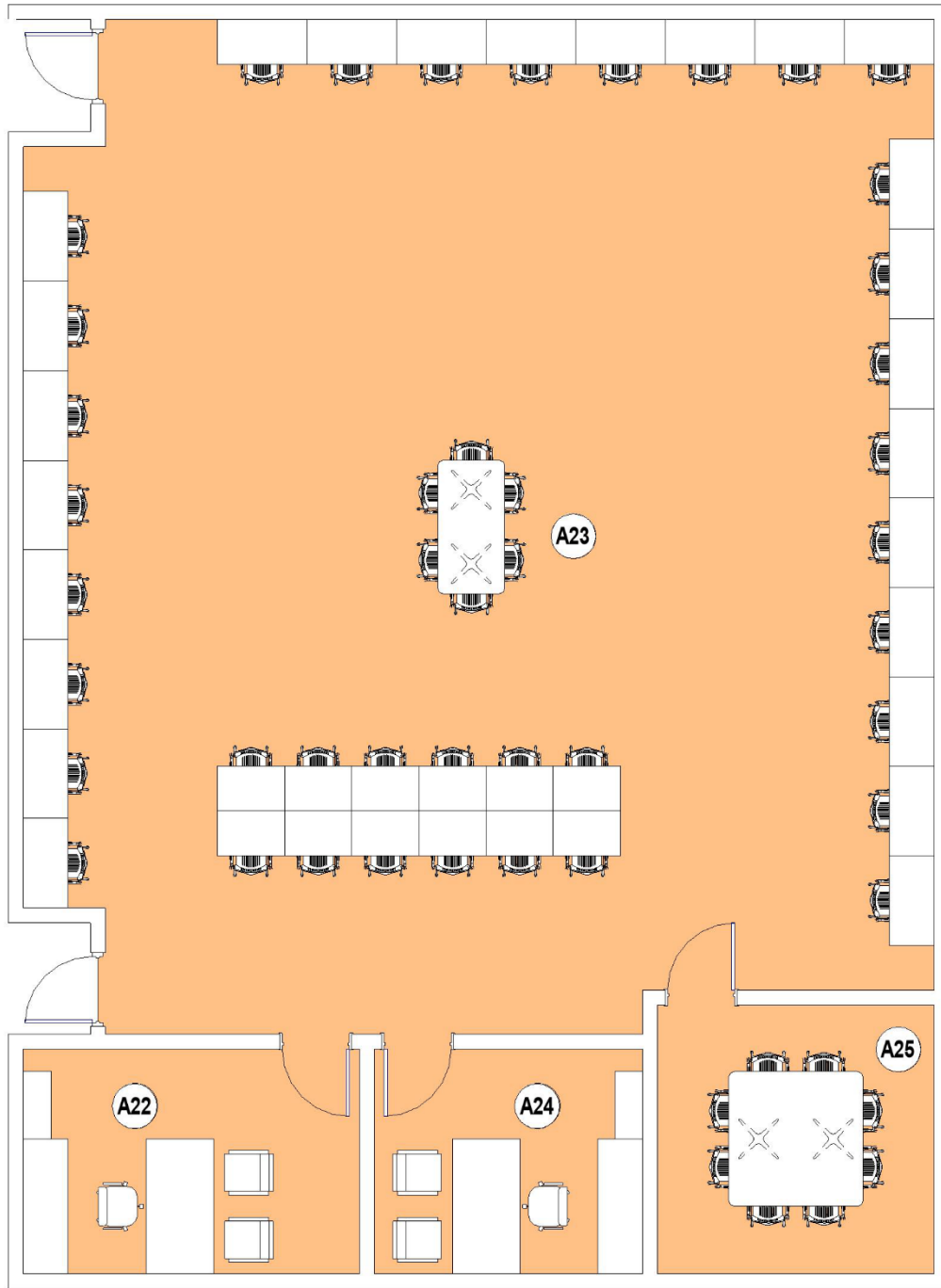
This open office space is planned for 37 personnel. A Flight Operations Open Office is needed for each Flight. This office should have physical access to the Flight Commander Office, Flight Chief Office and Flight Briefing Room.

A24 Flight Chief Office

A Flight Chief Office is required for each Flight. This office should have physical access to the Flight Operations Open Office and be adjacent to both the Flight Commander Office and Flight Briefing Room.

A25 Flight Briefing Room

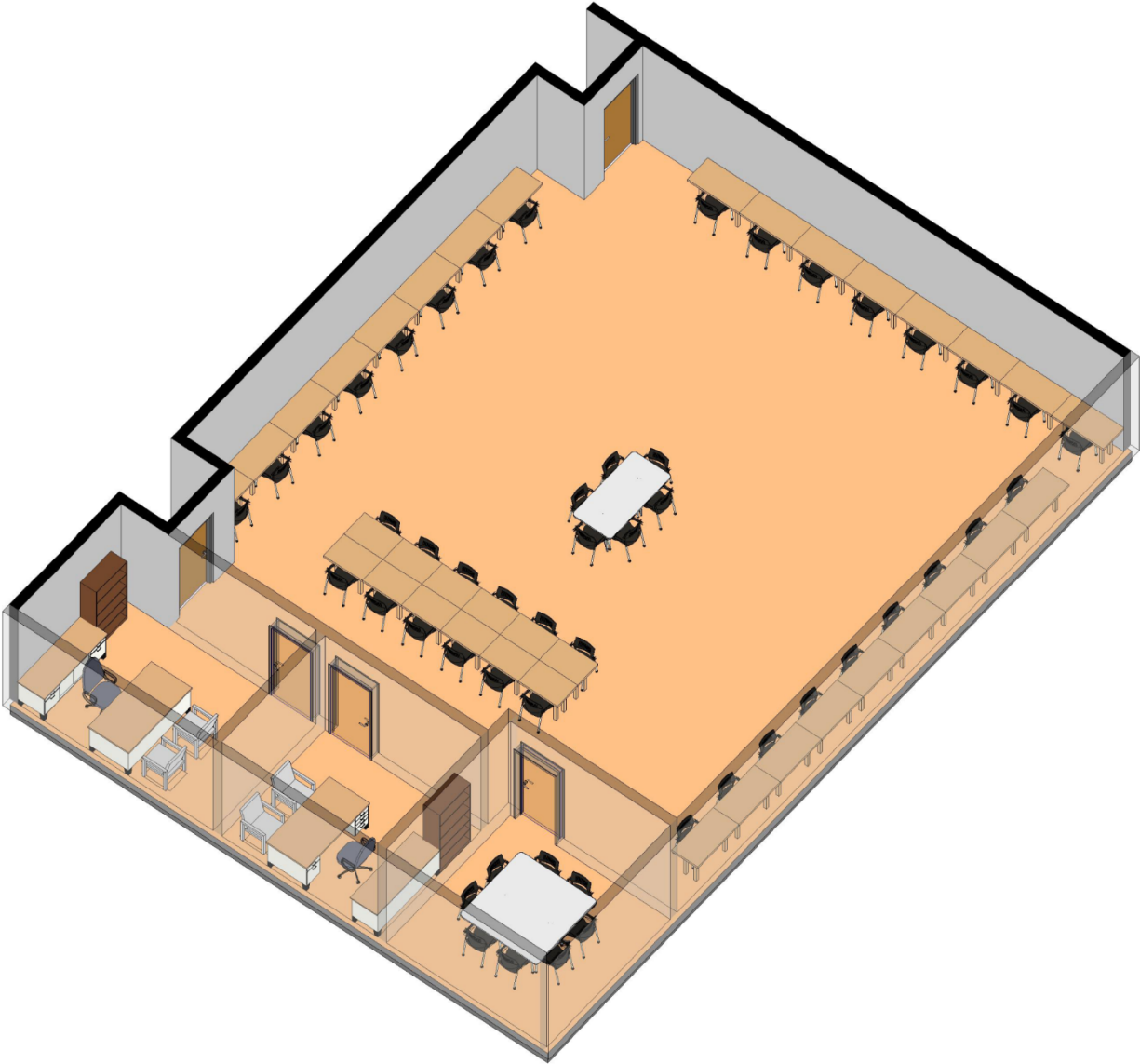
This room is for small personnel meetings for up to 8 people. A Flight Briefing Room is required within each Flight Operations Suite. This office should have physical access to the Flight Operations Open Office and be adjacent to both the Flight Commander Office and Flight Chief Office.



Administration - Flight Ops (A22-A25)



- Ⓐ22 Flight Commander Office
- Ⓐ23 Flight Operations Open Office
- Ⓐ24 Flight Chief Office
- Ⓐ25 Flight Briefing Room



Administration - Flight Ops (A22-A25) Axonometric

Not to Scale

MODULE A – Administration-Ops Support Flight (A26 – A29)
Module Net Area: 704 sq.ft

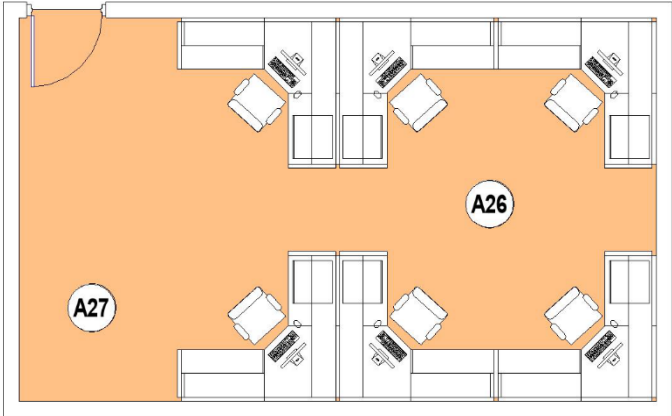
Function and Adjacency –

A26 Operations Support Open Office

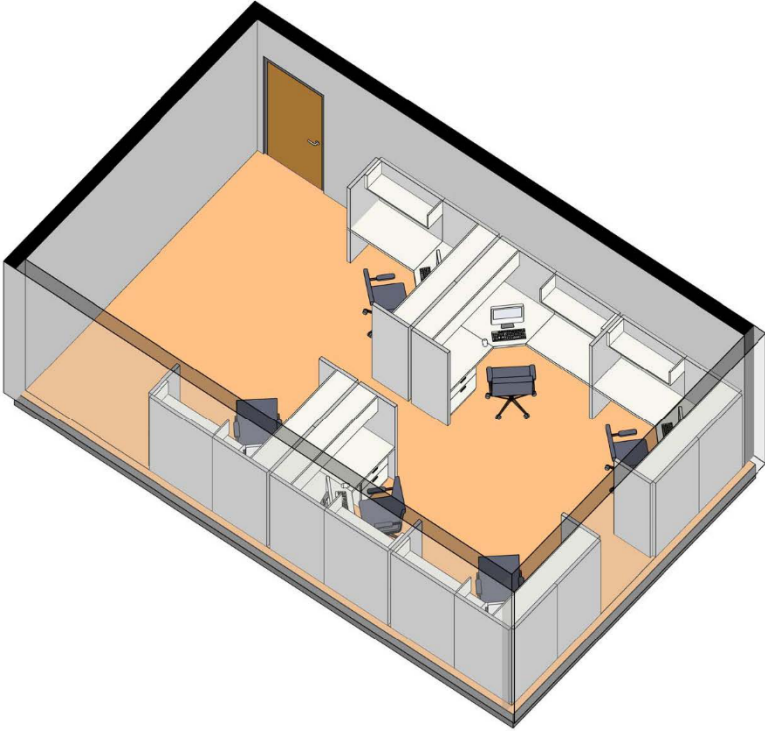
This an open office for the group who provides support for the Flight Operations Suite and should be located convenient to all Flights, the Operations Superintendent Office, and the Director of Operations Office.

A27 Filing / Storage / Print

This area should be dedicated support space collocated with the Operations Support Open Office.



Operations Support Open Office (A26) and Filing/Storage/Print Area (A27)

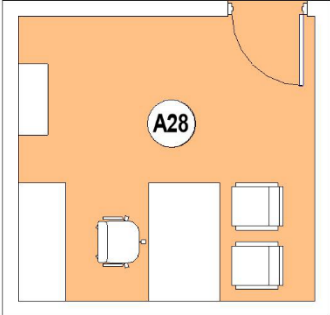


Operations Support Open Office (A26) and Filing/Storage/Print Area (A27) Axonometric

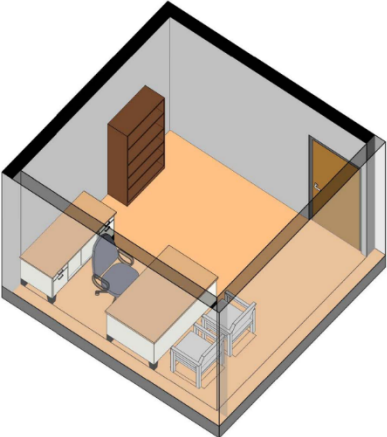
Not to Scale

Function and Adjacency – A28 Director of Operations Office

This area is private office space and should be located convenient to the Operations Support Open Office and adjacent to the Operations Superintendent.



Director of Operations Office (A28)

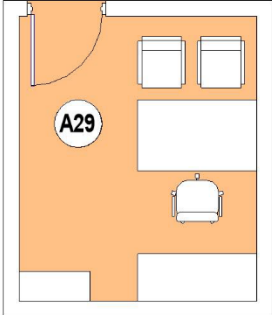


Director of Operations Office (A28) Axonometric

Not to Scale

Function and Adjacency – A29 Operations Superintendent Office

This area is private office space and should be located convenient to the Operations Support Open Office and adjacent to the Director of Operations Office.



Operations Superintendent Office (A29)



Operations Superintendent Office (A29) Axonometric

Not to Scale

MODULE B – Common Area Module (B1 – B5)
Module Net Area: 3,960 sq.ft

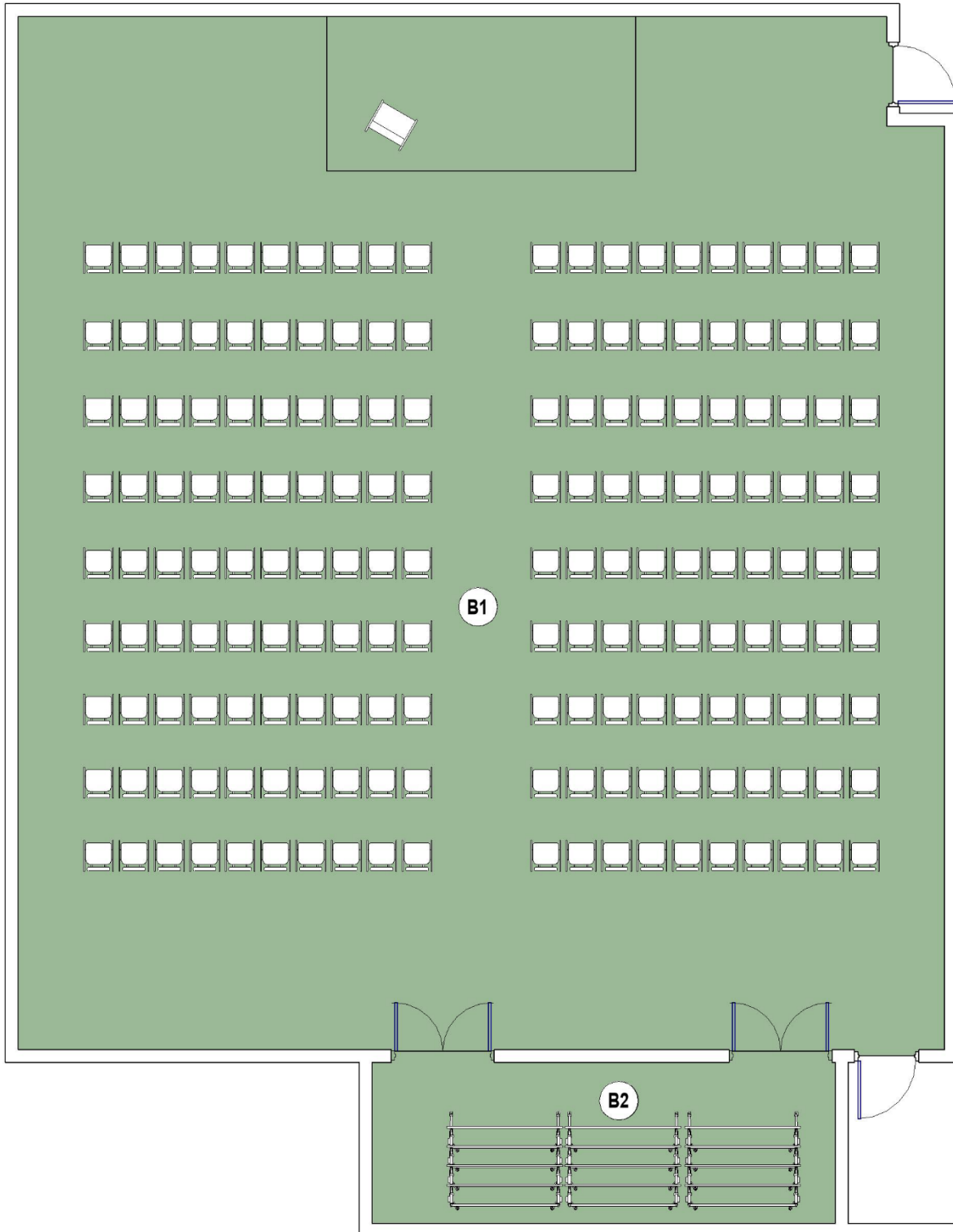
Function and Adjacency –

B1 Multi-Purpose Room

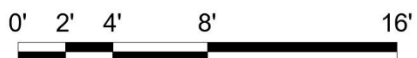
This room will accommodate a minimum of 120 seated personnel and be used for presentations, announcements and special events. It should be located near the Commander's Suite.

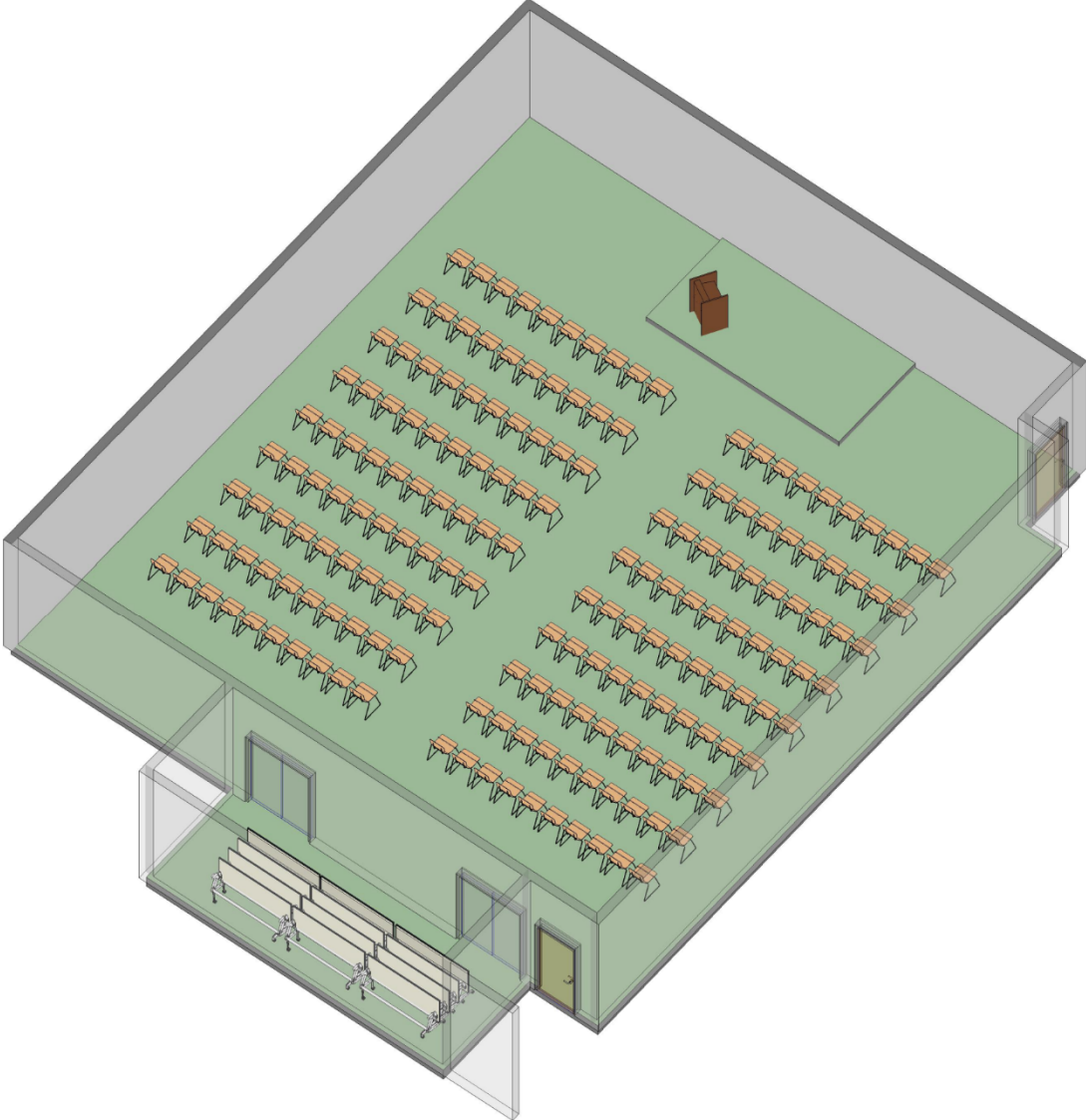
B2 Multi-Purpose Storage

This room will house nested tables and/or stacking chairs.



Multi-Purpose Room (B1) and Multi-Purpose Storage (B2)



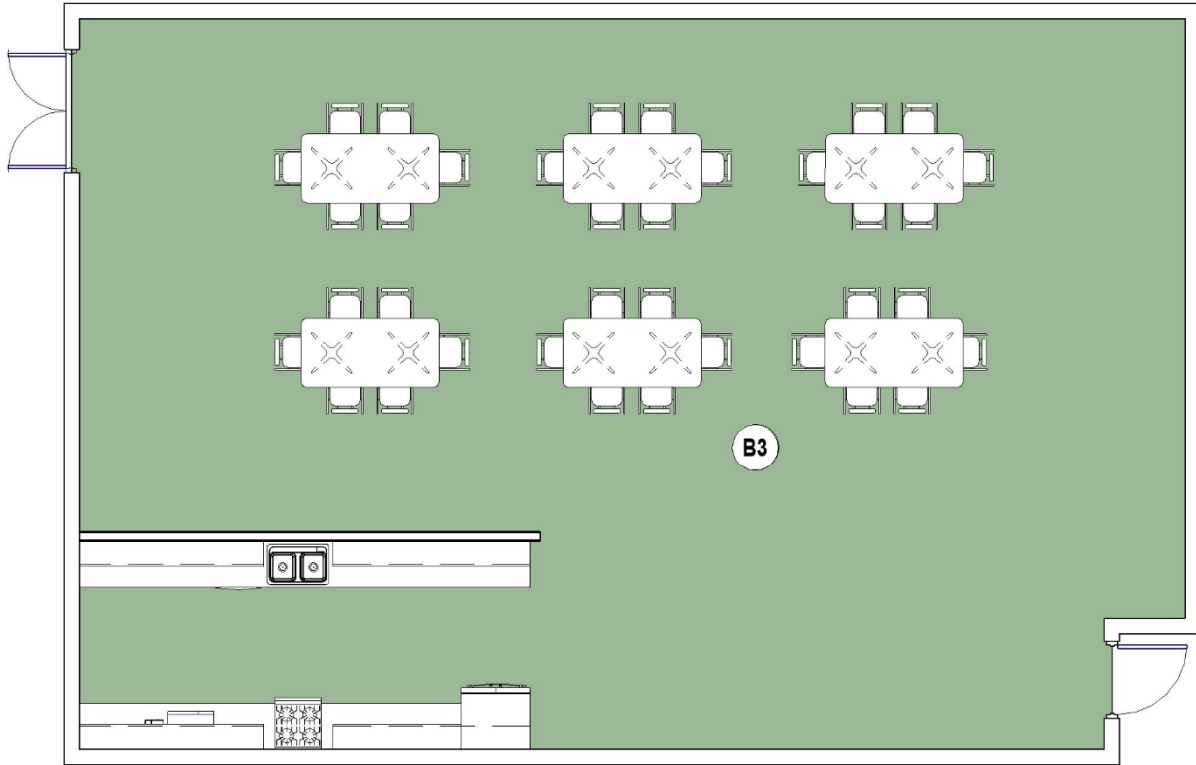


Multi-Purpose Room (B1) and Multi-Purpose Storage (B2) Axonometric

Not to Scale

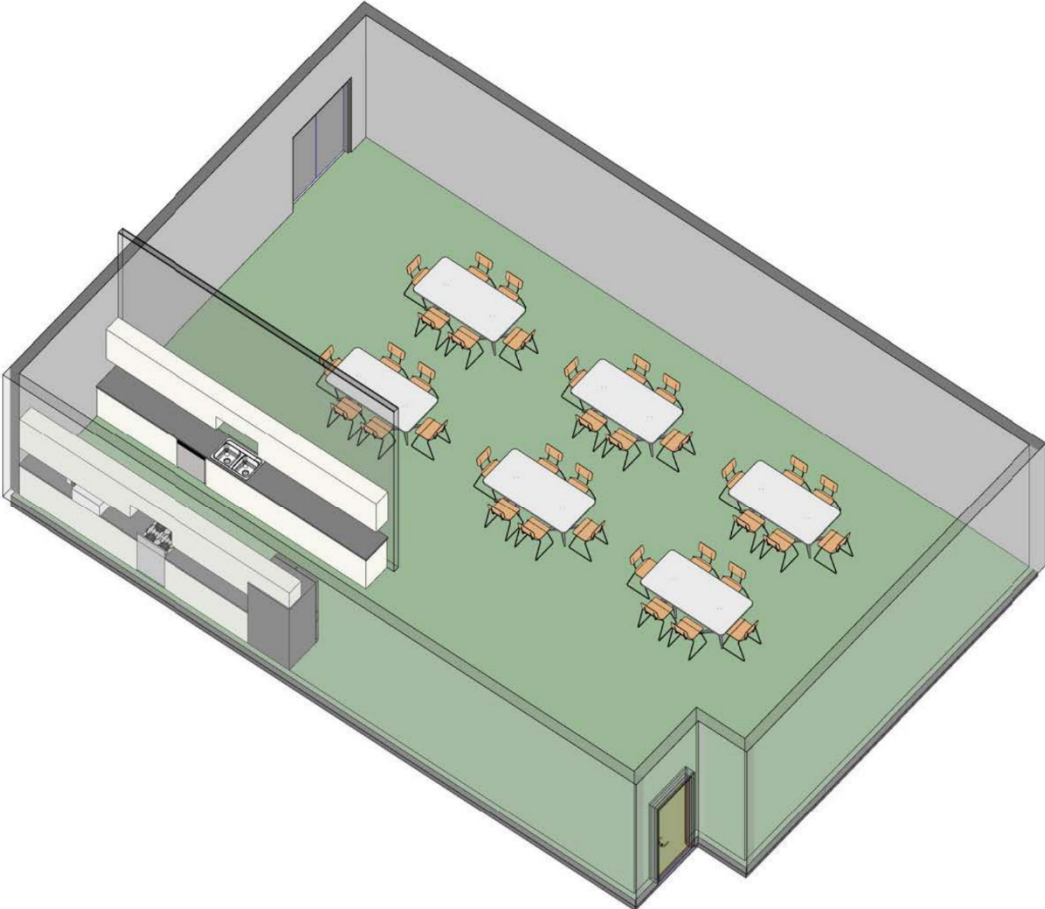
Function and Adjacency – B3 Heritage Room

This room will function as a space for personnel and their families to congregate and celebrate special events. It should be placed on an exterior wall to allow for a non-covered patio where climates allow.



Heritage Room (B3)



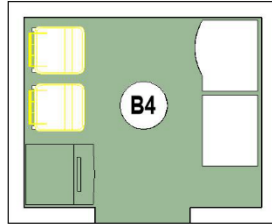


Heritage Room (B3) Axonometric

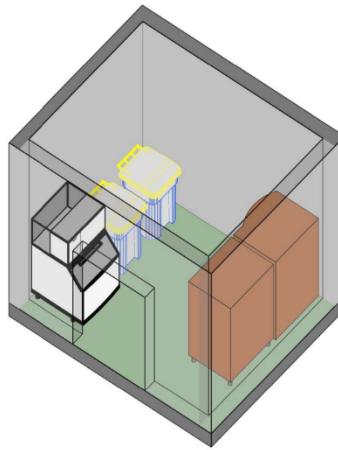
Not to Scale

Function and Adjacency – B4 Recycle/Vending

This area is for recycling and vending and should be located adjacent to Individual Tactical Equipment Storage.



Recycle / Vending (B4)

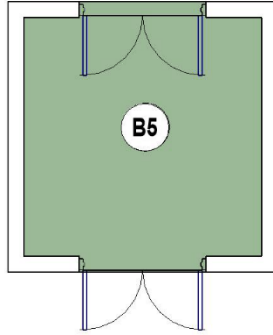


Recycle / Vending (B4) Axonometric

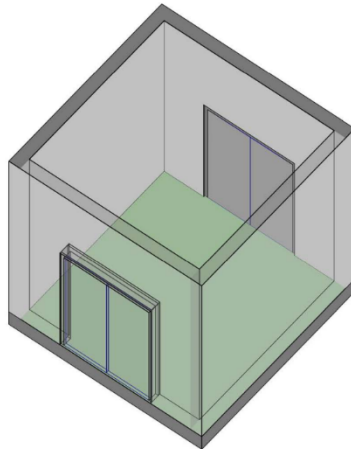
Not to Scale

Function and Adjacency – B5 Vestibule

This area will serve as the entrance point to the administrative portion of the facility. It should be located near the Commander's Suite.



Vestibule (B5)



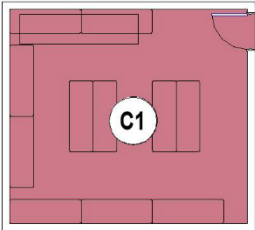
Vestibule (B5) Axonometric

Not to Scale

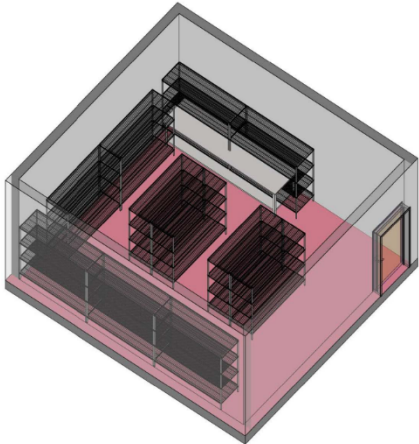
MODULE C – Non-Office Areas - Maintenance Module (C1 – C10)
Module Net Area: 14,295 sq.ft

Function and Adjacency – C1 Bench Stock Storage

This is a spare parts storage room and should be located adjacent to the Vehicle Maintenance Bays and the Radio Maintenance Bays.



Bench Stock Storage (C1)

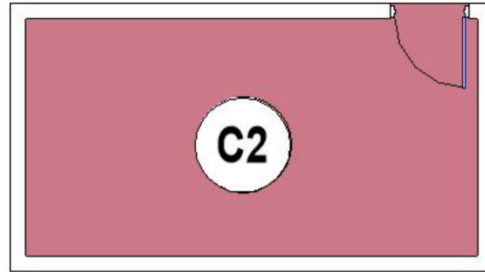


Bench Stock Storage (C1) Axonometric

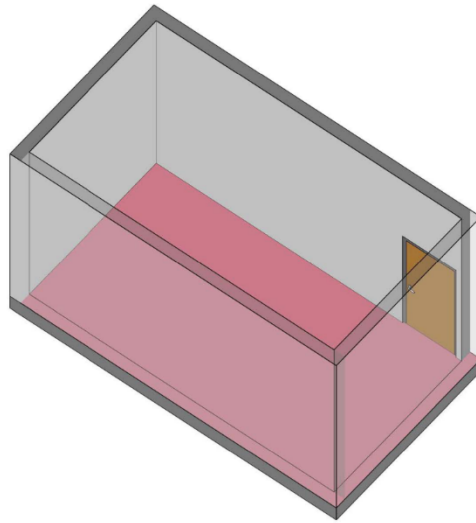
Not to Scale

Function and Adjacency – C2 Battery Room

This is a storage area for lithium ion, wet and standard batteries. It should be located adjacent to the Radio Maintenance Work Center with direct access to the Vehicle Maintenance Bays.



Battery Room (C2)

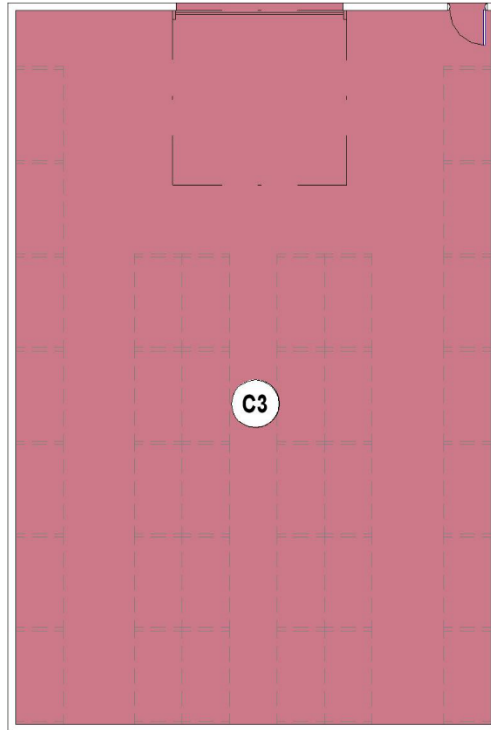


Battery Room (C2) Axonometric

Not to Scale

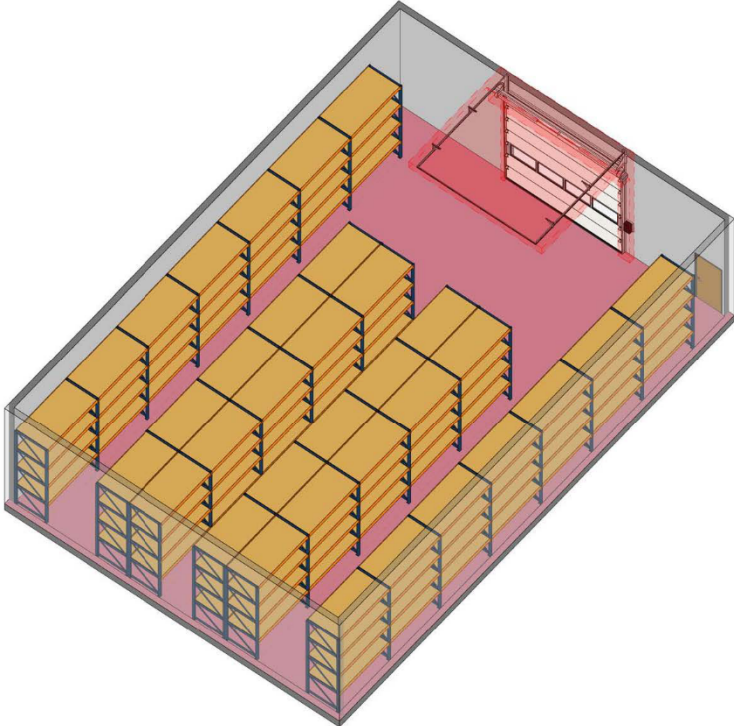
Function and Adjacency – C3 Mobility Readiness Spare Parts (MRSP) Storage

This is a storage area for spare parts and should be located adjacent to the Vehicle Maintenance Bays.



Mobiity Readiness Spare Parts (MRSP) Storage (C3)



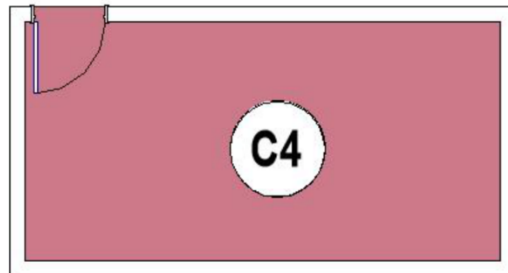


Mobiity Readiness Spare Parts (MRSP) Storage (C3) Axonometric

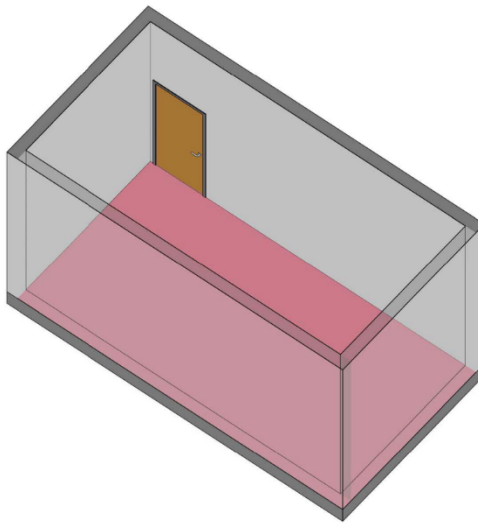
Not to Scale

Function and Adjacency – C4 Radio Maintenance Field Equipment Storage

This is a storage area for equipment and should be located adjacent to the Radio Maintenance Work Center.



Radio Maintenance Field Equipment Storage (C4)

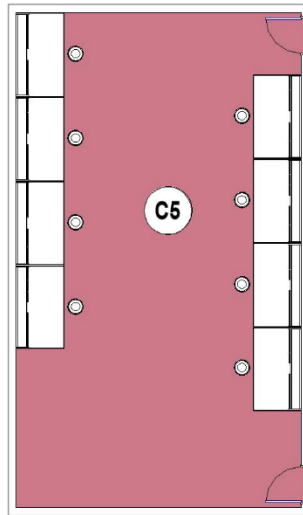


Radio Maintenance Field Equipment Storage (C4) Axonometric

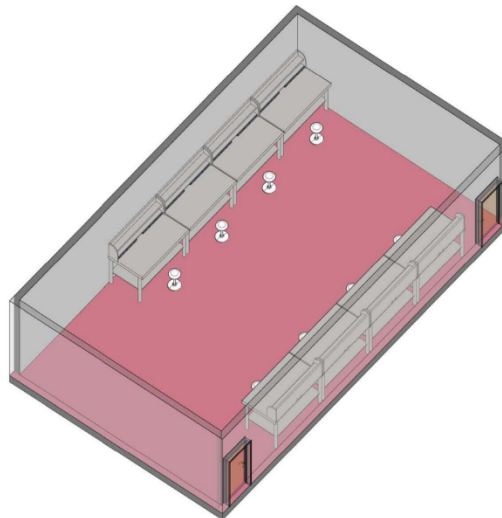
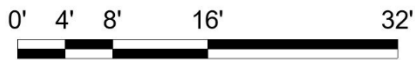
Not to Scale

Function and Adjacency – C5 Radio Maintenance Work Center

This is a maintenance operations center for radio equipment. It should be located adjacent to the Vehicle Maintenance Bays, Battery Room, Radio Maintenance functions, and convenient to the maintenance offices. Infrastructure should be provided to an adjacent exterior antenna yard.



Radio Maintenance Work Center (C5)

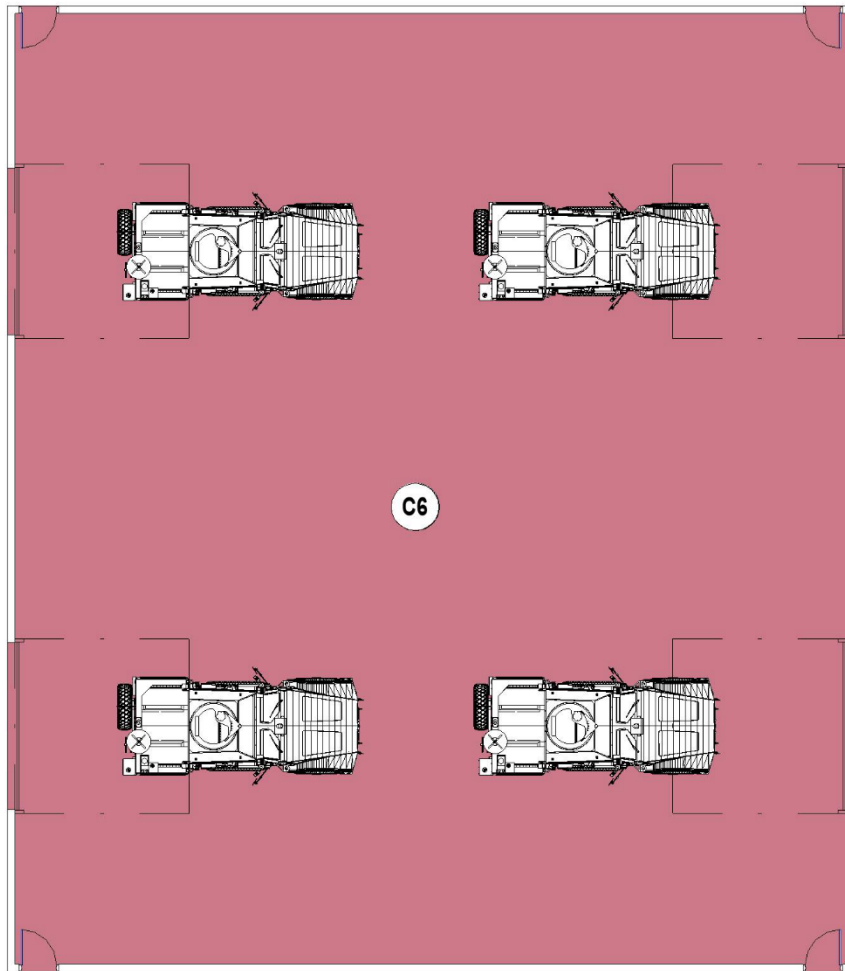


Radio Maintenance Work Center (C5) Axonometric

Not to Scale

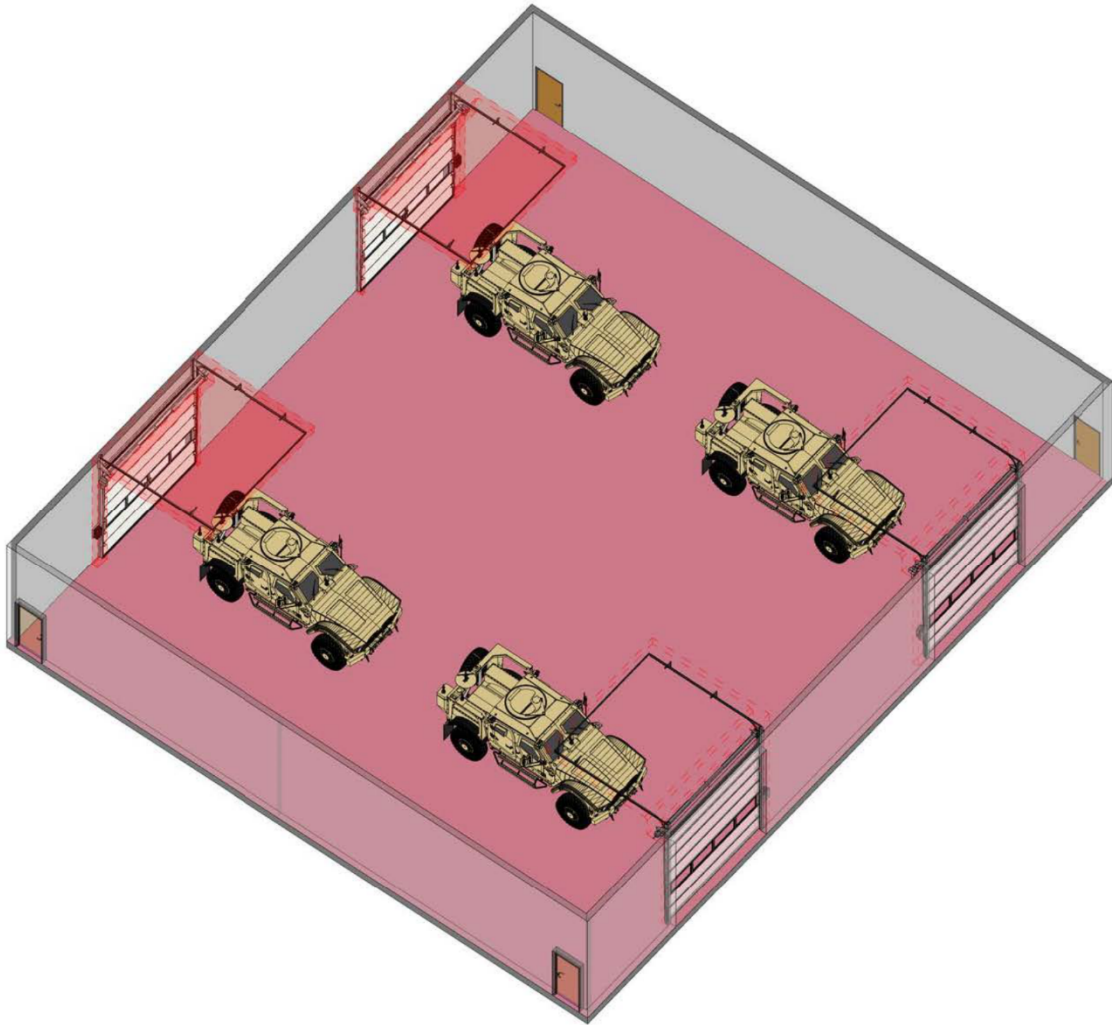
Function and Adjacency – C6 Vehicle Maintenance Bays

Four (4) Vehicle Maintenance Bays are required per squadron. A pass-through design is preferred to stack vehicles and drive through the Maintenance Bays. It should be located adjacent to Bench Stock Storage, MRSP Storage, Radio Maintenance Work Center, Tire Shop, and the Men's and Women's Maintenance Restrooms/Showers/Lockers; and should have direct access to the Battery Room and Vehicle Battery Charging Room; and be convenient to all other Maintenance Areas.



Vehicle Maintenance Bays (C6)



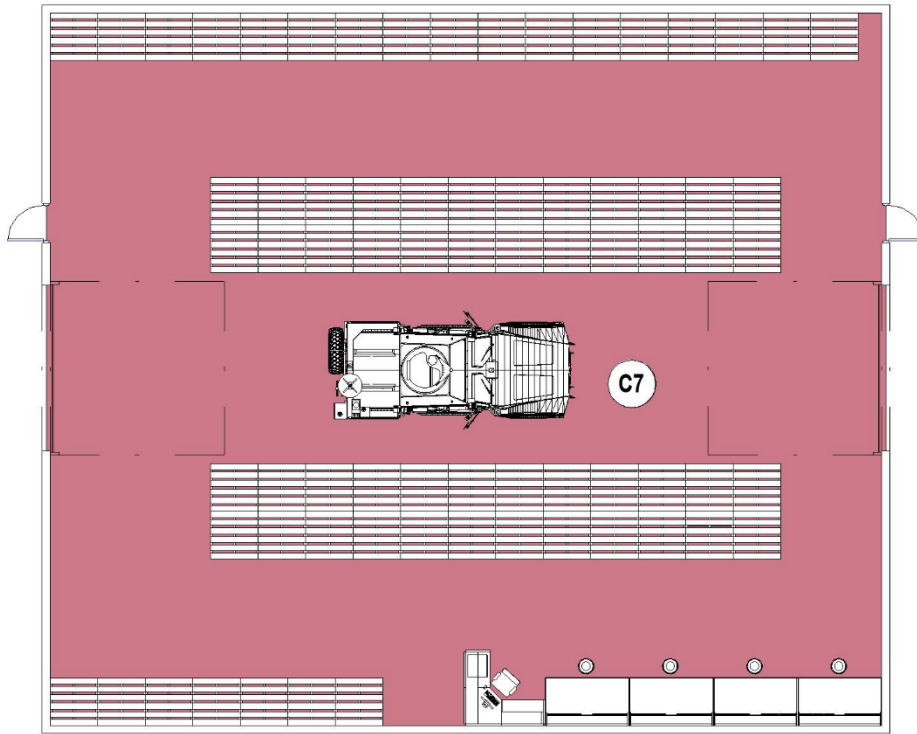


Vehicle Maintenance Bays (C6) Axonometric

Not to Scale

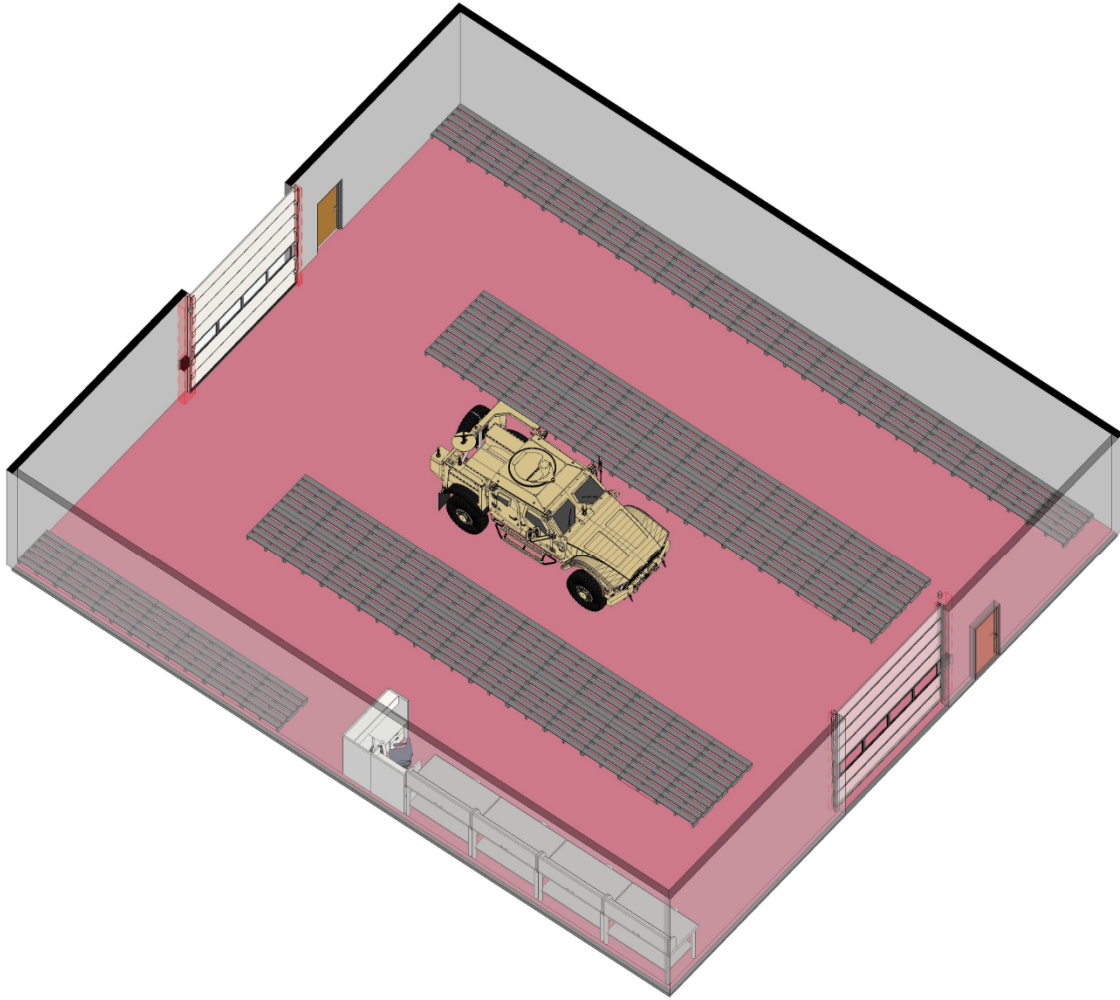
Function and Adjacency – C7 LOGDET Storage

This is a climate-controlled storage area for ASOC to accommodate 1 covered vehicle at a time, with space for 140 pallets. It should provide a pass-through configuration and be located adjacent to a loading area.



Logdet Storage (C7)



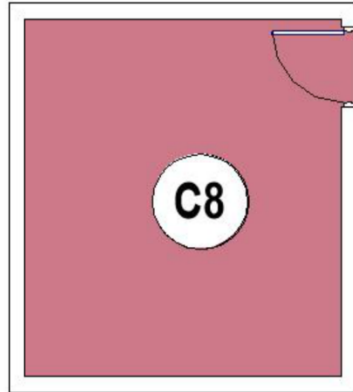


Logdet Storage (C7) Axonometric

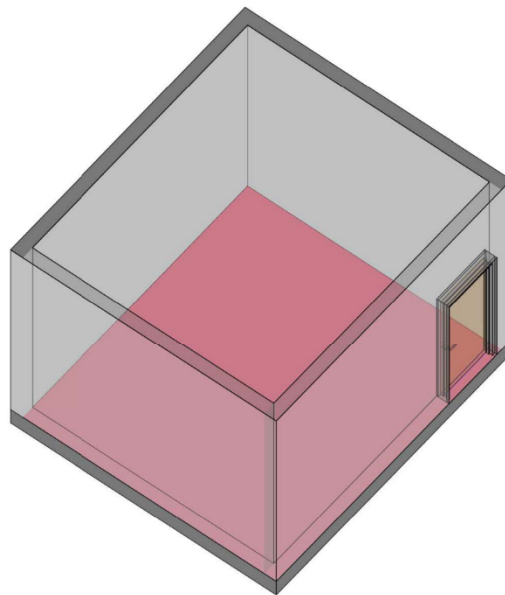
Not to Scale

Function and Adjacency – C8 Maintenance Equipment Storage

This is a storage area for maintenance equipment and should be located adjacent to the exterior military vehicle yard.



Maintenance Equipment Storage (C8)

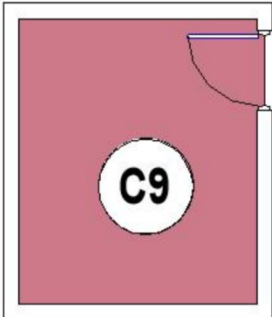


Maintenance Equipment Storage (C8) Axonometric

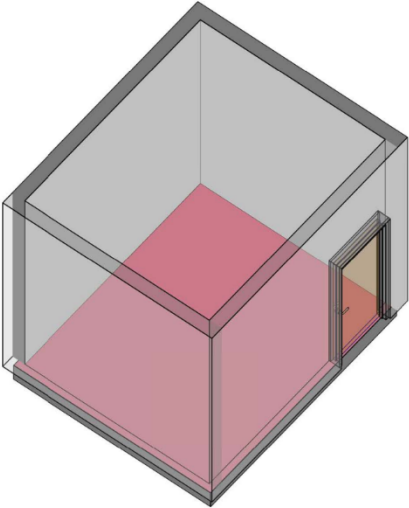
Not to Scale

Function and Adjacency – C9 Tire Shop

This is a storage and maintenance area for tires and should be located adjacent to the Vehicle Maintenance Bays.



Tire Shop (C9)

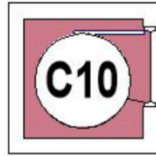


Tire Shop (C9) Axonometric

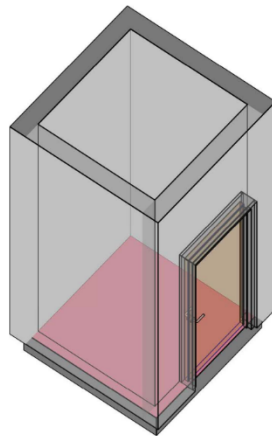
Not to Scale

Function and Adjacency – C10 Vehicle Battery Charging Room

This is a storage area for multi-battery charging/restoration system for vehicle batteries. It should have direct access to the Vehicle Maintenance Bays.



Vehicle Battery Charging Room (C10)



Vehicle Battery Charging Room (C10) Axonometric

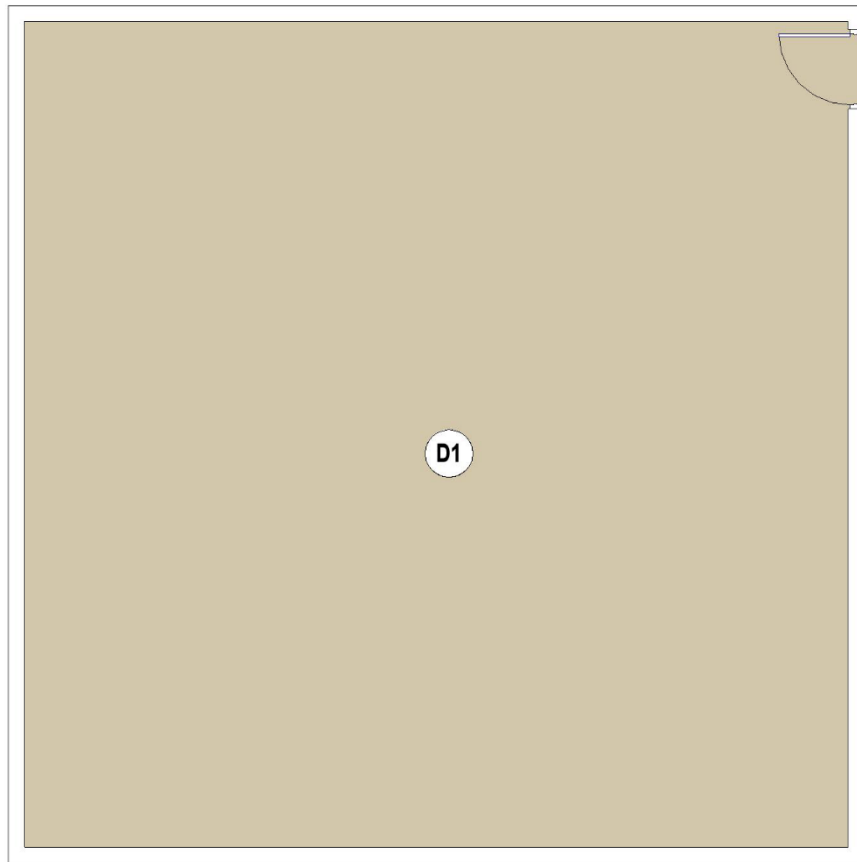
Not to Scale

MODULE D – Simulators Module (D1 – D6)

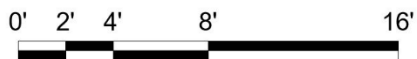
Module Net Area: 3,312 sq.ft.

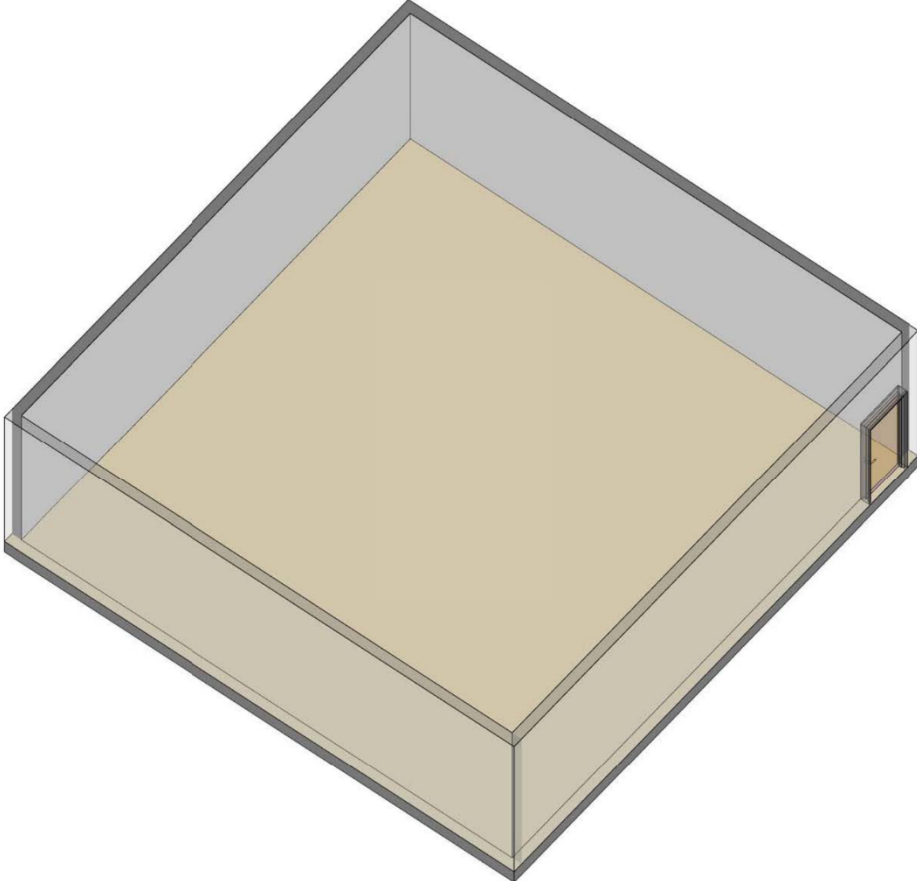
Function and Adjacency – D1 JTAC Simulator Suite

Controlled access training simulator to be located adjacent to the Simulator Briefing Room, and convenient to the Mission Planning Center.



JTAC Simulator Suite (D1)



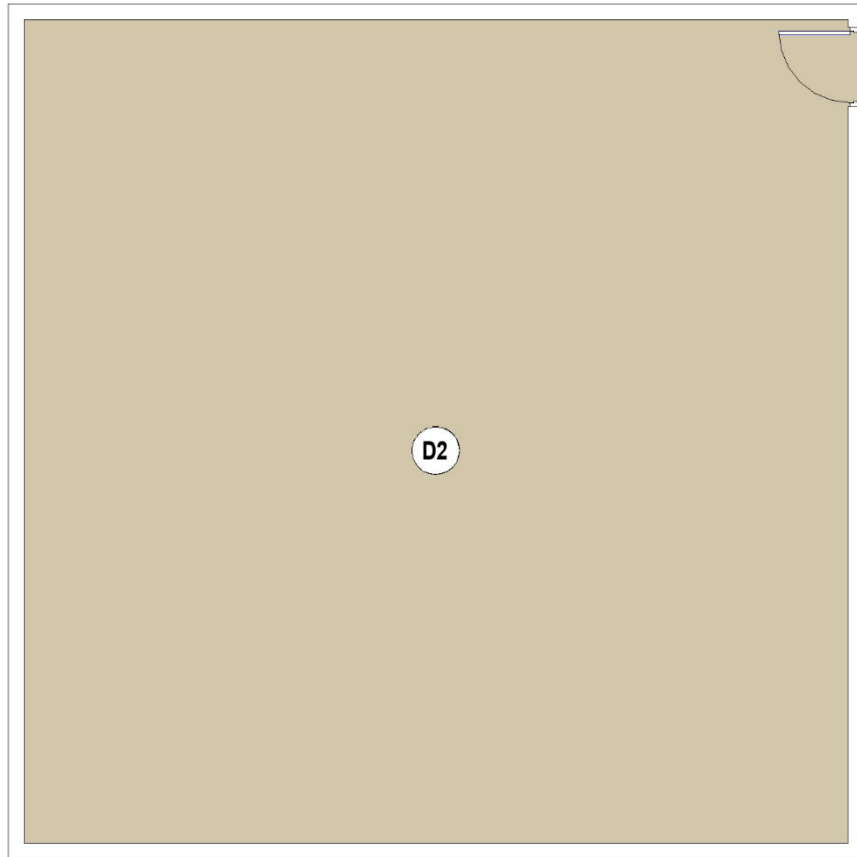


JTAC Simulator Suite (D1) Axonometric

Not to Scale

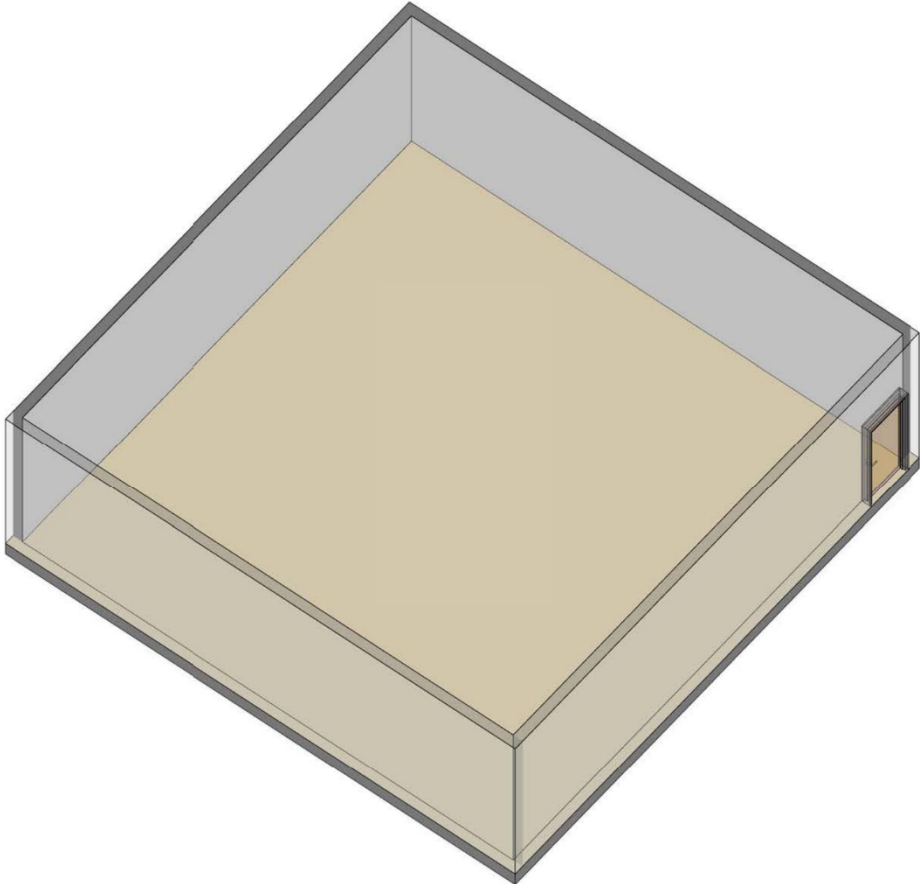
Function and Adjacency – D2 ASOC Rehearsal Simulator

Controlled access training simulator to be located adjacent to the Simulator Briefing Room, the White Cell Room, and convenient to the Mission Planning Center.



ASOC Rehearsal Simulator (D2)





ASOC Rehearsal Simulator (D2) Axonometric

Not to Scale

Function and Adjacency – D3 Table Top Simulator

Controlled access table top simulator should provide space for desk-based simulations and/or debriefing and review of recorded simulations. It should be located convenient to the Simulators.

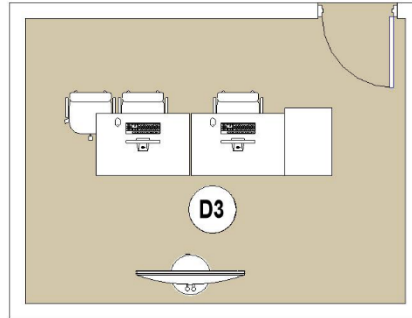


Table Top Simulator (D3)

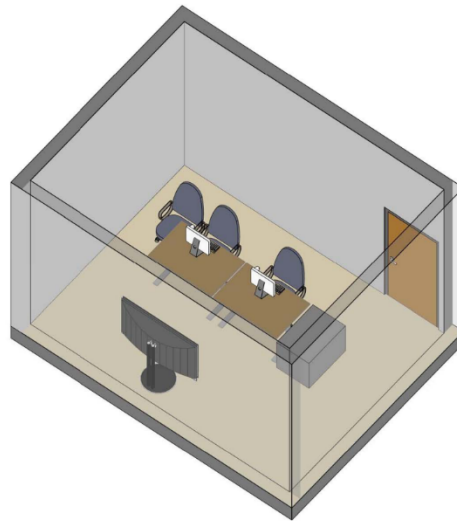
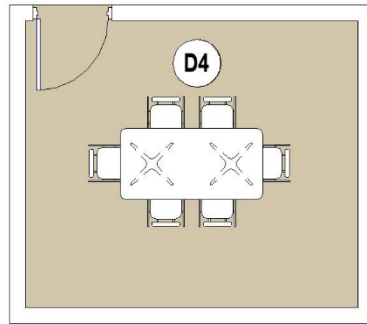


Table Top Simulator (D3) Axonometric

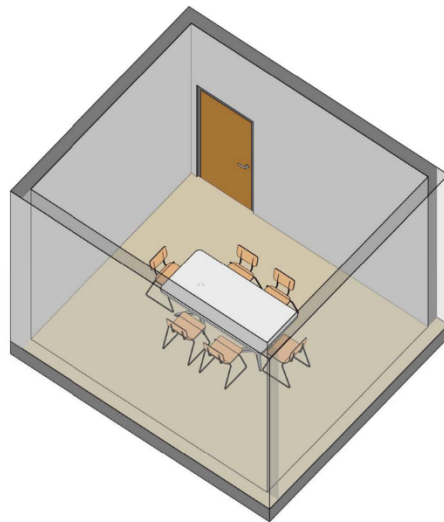
Not to Scale

Function and Adjacency – D4 Simulator Briefing Room

Briefing room for up to 6 people, located adjacent to the Simulators.



Simulator Briefing Room (D4)

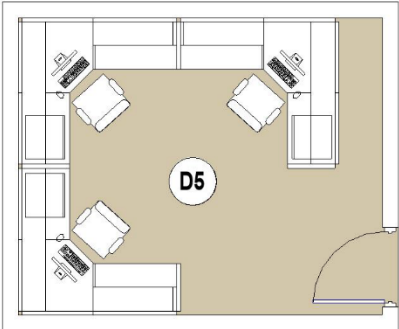


Simulator Briefing Room (D4) Axonometric

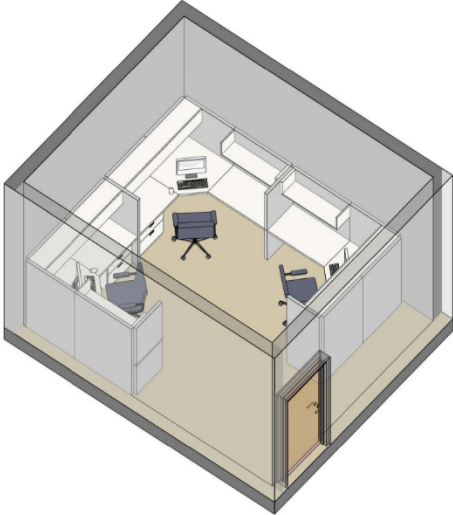
Not to Scale

Function and Adjacency – D5 Simulator Office

Shared administrative space for simulator operators. Should be located convenient to Simulators.



Simulator Office (D5)

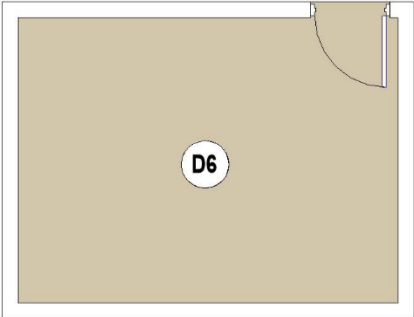


Simulator Office (D5) Axonometric

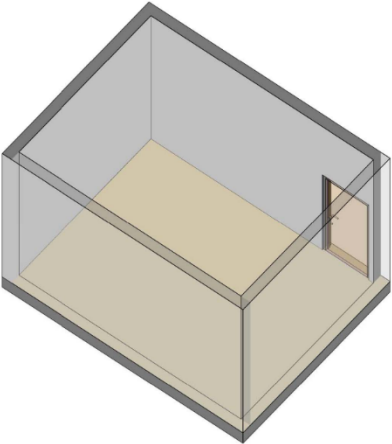
Not to Scale

Function and Adjacency – D6 White Cell Room

Space for up to 5 instructors, should be located adjacent to ASOC Rehearsal Simulator.



White Cell Room (D6)



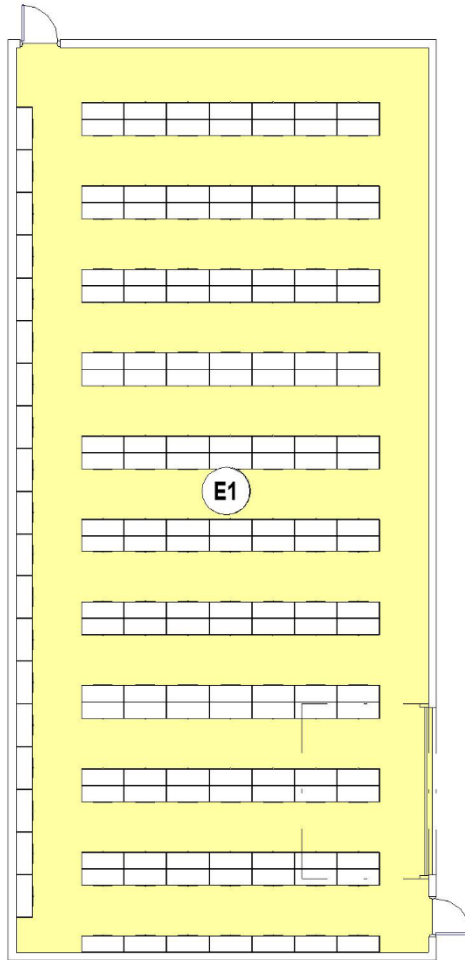
White Cell Room (D6) Axonometric

Not to Scale

MODULE E – Non-Office Common Module (E1 – E5)
Module Net Area: 3,585 sq.ft.

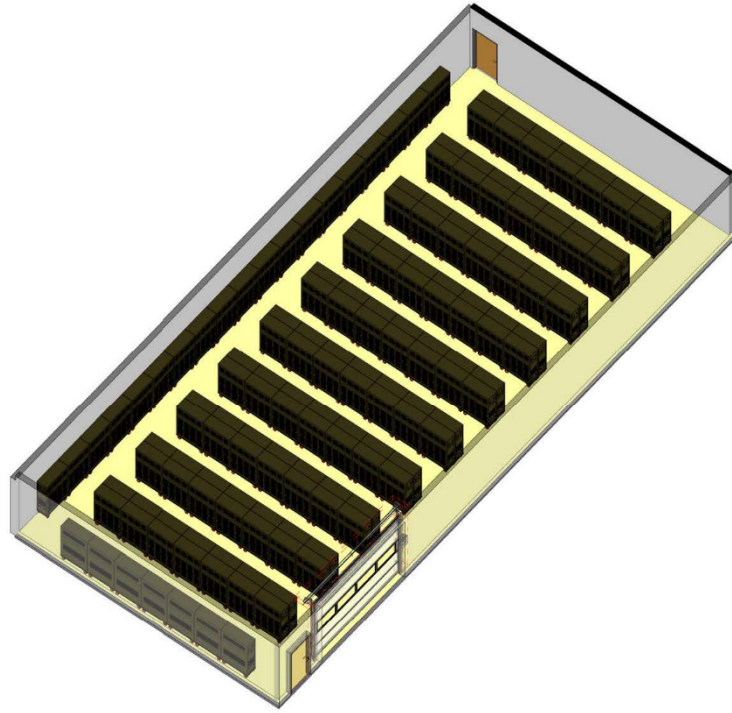
Function and Adjacency – E1 Arms Room

Weapons storage for all personnel. It should be located adjacent to the exterior, with a boot wash and pressurized water hose; and conveniently located near the Mud Laundry and a small restroom.



Arms Room (E1)



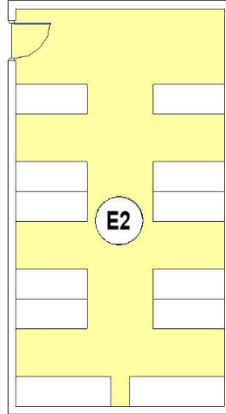


Arms Room (E1) Axonometric

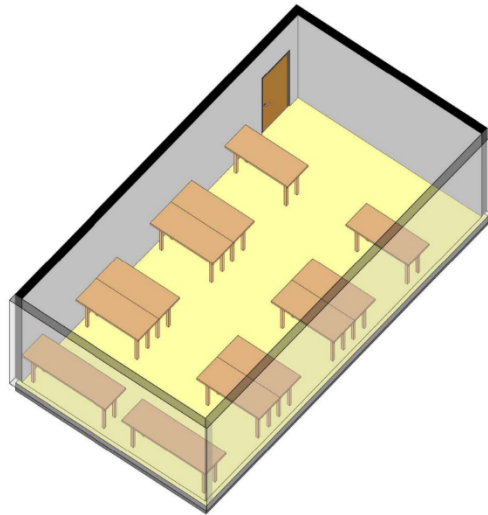
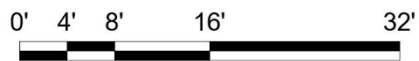
Not to Scale

Function and Adjacency – E2 Weapons Cleaning

Cleaning area for weapons should be sized to accommodate a single flight (39 personnel) and located adjacent to the Arms Room.



Weapons Cleaning (E2)

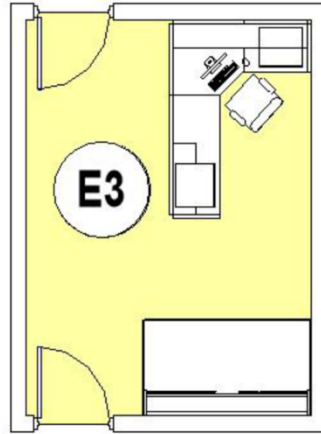


Weapons Cleaning (E2) Axonometric

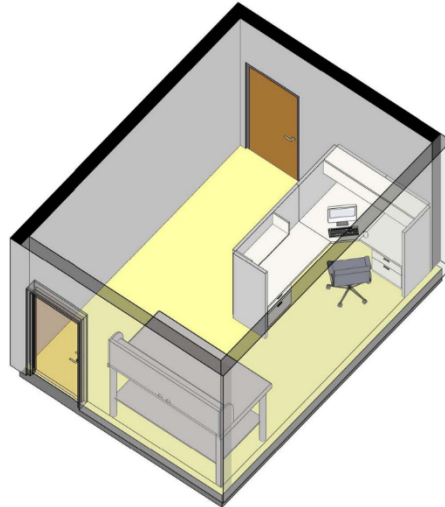
Not to Scale

Function and Adjacency – E3 Weapons Office/Maintenance

Administrative space for Weapons Maintenance Supervisor. Should be located adjacent to the Arms Room and Weapons Cleaning.



Weapons Office/Maintenance (E3)

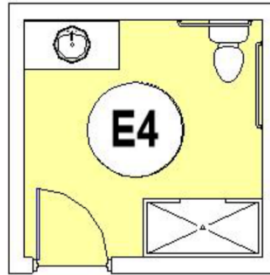


Weapons Office/Maintenance (E3) Axonometric

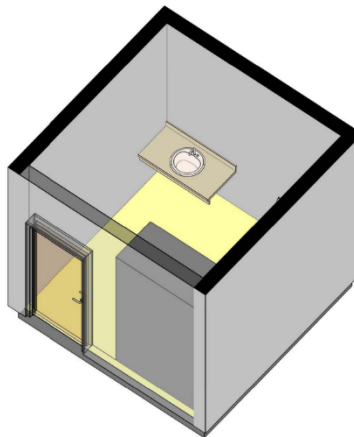
Not to Scale

Function and Adjacency – E4 Mud Restroom

Single occupant restroom and shower located near to the Arms Room and exterior for personnel coming in from field exercises.



Mud Restroom (E4)

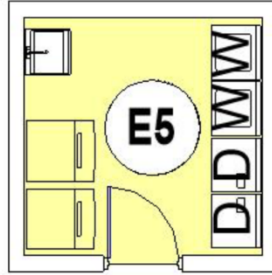


Mud Restroom (E4) Axonometric

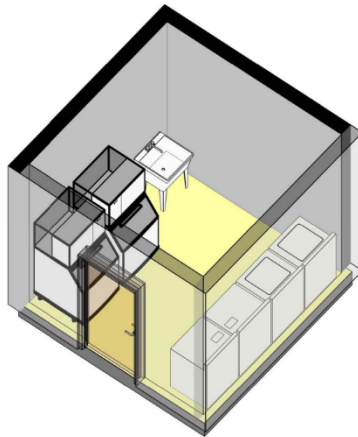
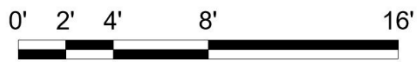
Not to Scale

Function and Adjacency – E5 Mud Laundry

Laundry room for field attire located adjacent to the Mud Restroom and near the exterior.



Mud Laundry (E5)



Mud Laundry (E5) Axonometric

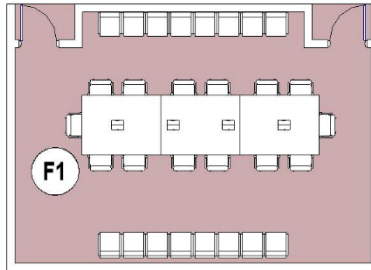
Not to Scale

MODULE F – Secure Area Module (F1 – F11)

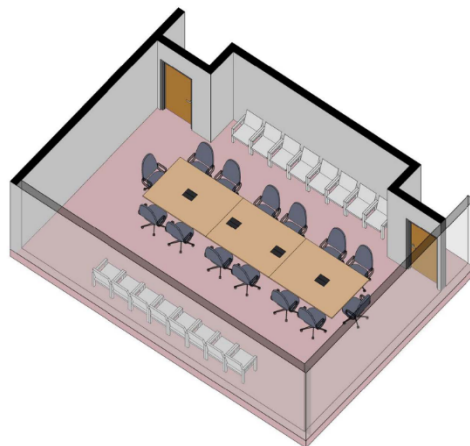
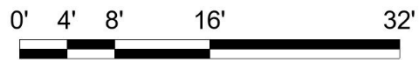
Module Net Area: 4,592 sq.ft.

Function and Adjacency – F1 Conference Room

Secure Area Conference Room to be shared by facility personnel and able to seat 30 people. It should be located within the secure perimeter.



Conference Room (F1)

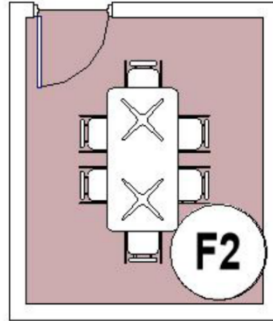


Conference Room (F1) Axonometric

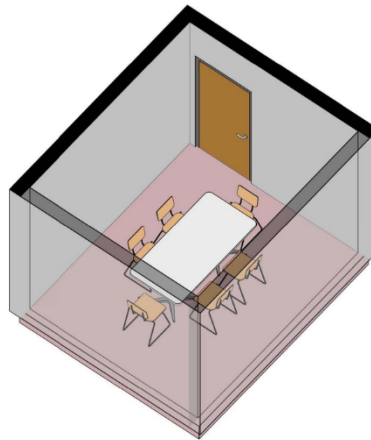
Not to Scale

Function and Adjacency – F2 Debriefing Room

Four debriefing rooms with seating for 6 each, located within the secure area.



Debriefing Room (F2)

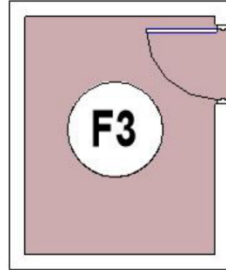


Debriefing Room (F2) Axonometric

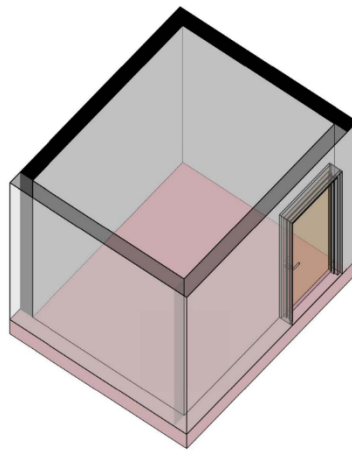
Not to Scale

Function and Adjacency – F3 Communications Rack Room

Communications Room for storing communications racks for spaces within the secure area,



Rack Room (F3)

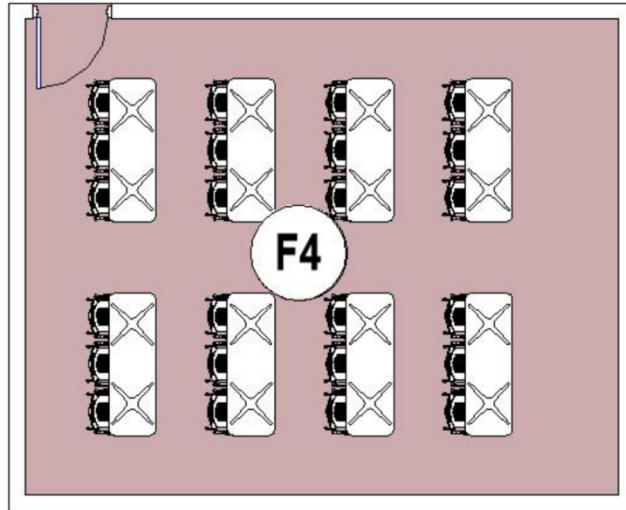


Rack Room (F3) Axonometric

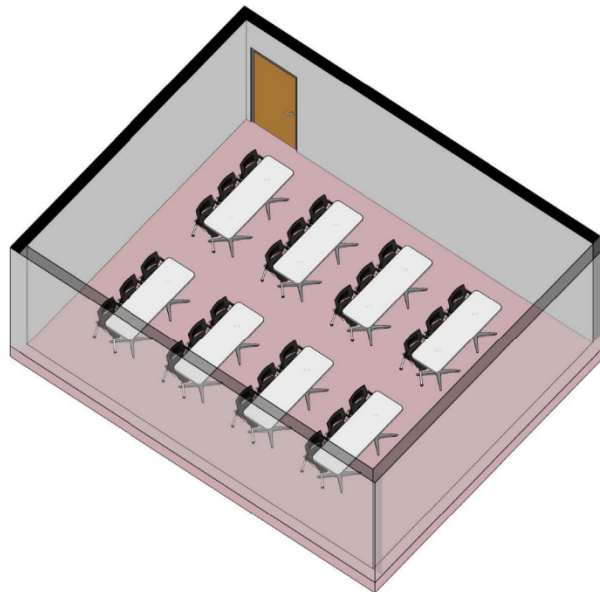
Not to Scale

Function and Adjacency – F4 Intel Training/Classroom

Six-person training room for SCIF Intel personnel. It should be located within the secure perimeter.



Intel Training/Classroom (F4)

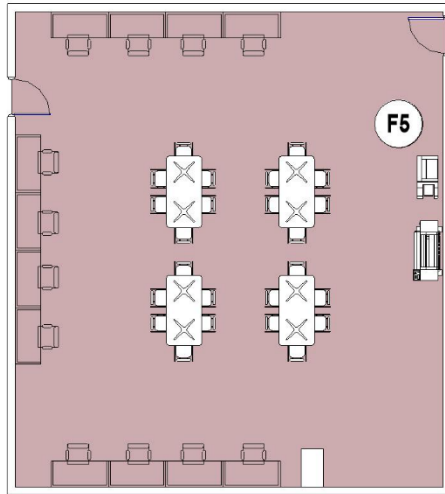


Intel Training/Classroom (F4) Axonometric

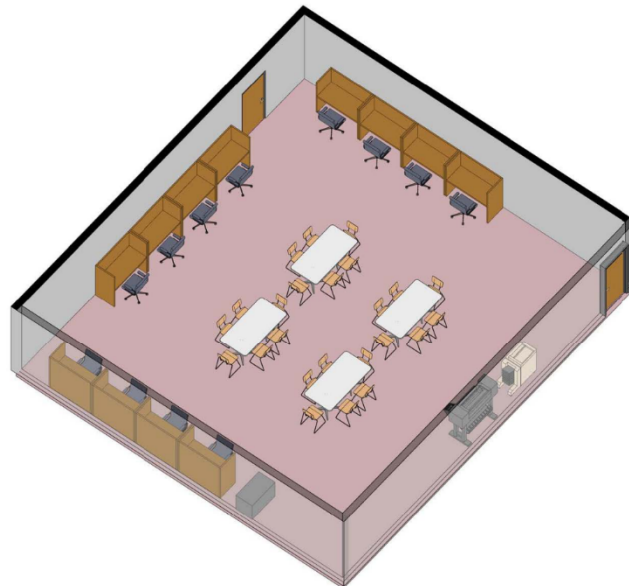
Not to Scale

Function and Adjacency – F5 Mission Planning Center

Administrative space for mission planning. It should be located within the secure perimeter.



Mission Planning Center (F5)

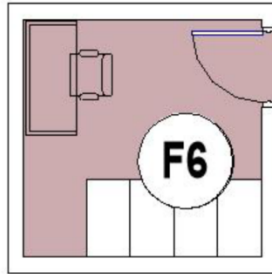


Mission Planning Center (F5) Axonometric

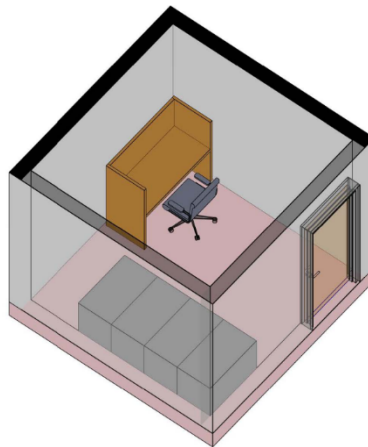
Not to Scale

Function and Adjacency – F6 Study/Safe Room

Storage room for SCIF safes with lay space for examining large documents. It should be located within the secure perimeter.



Study/Safe Room (F6)

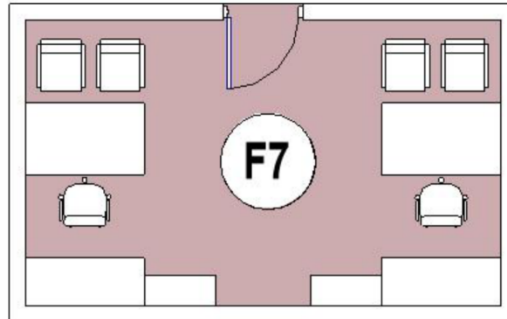


Study/Safe Room (F6) Axonometric

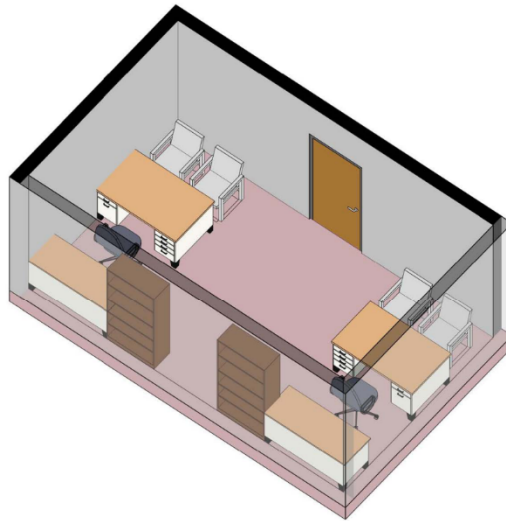
Not to Scale

Function and Adjacency – F7 Senior Intel and NCOIC Office

Semi-private administrative space for Intel Supervisor and NCOIC.. It should be located within the secure perimeter.



Senior Intel and NCOIC (F7)

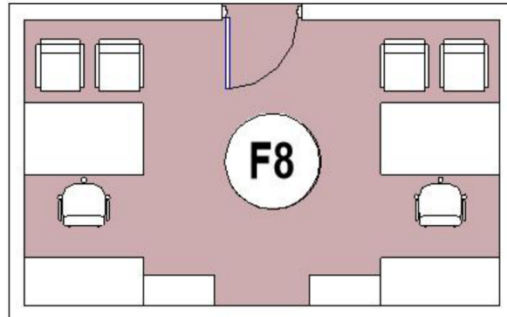


Senior Intel and NCOIC (F7) Axonometric

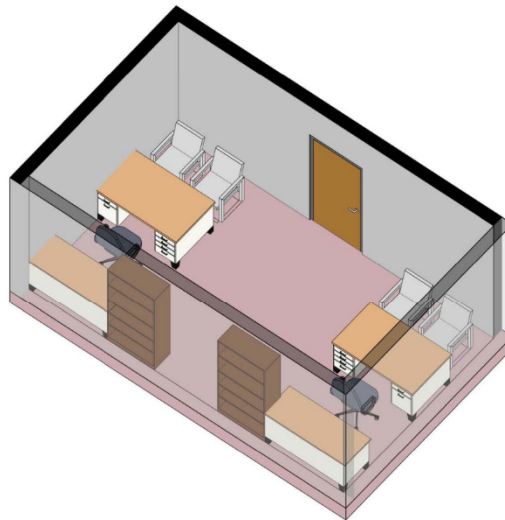
Not to Scale

Function and Adjacency – F8 Weapons and Tactics Office

Semi-private office for Flight Commander and Flight Chief. It should be located within the secure perimeter.



Weapons and Tactics Office (F8)

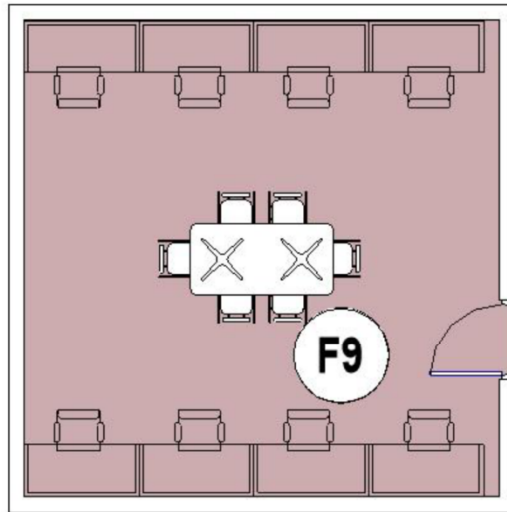


Weapons and Tactics Office (F8) Axonometric

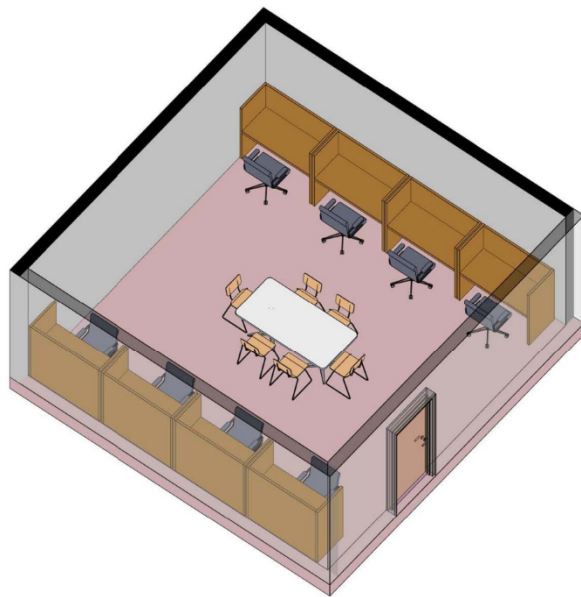
Not to Scale

Function and Adjacency – F9 Weapons and Tactics Open Office

Open office for 8 personnel. It should be located within the secure perimeter.



Weapons and Tactics Open Office (F9)

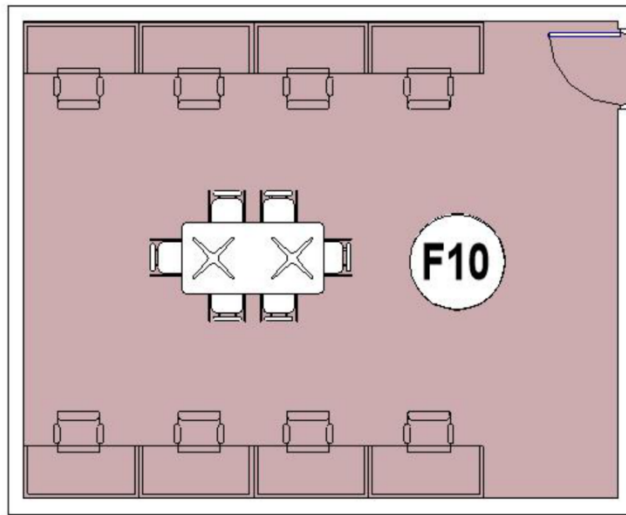


Weapons and Tactics Open Office (F9) Axonometric

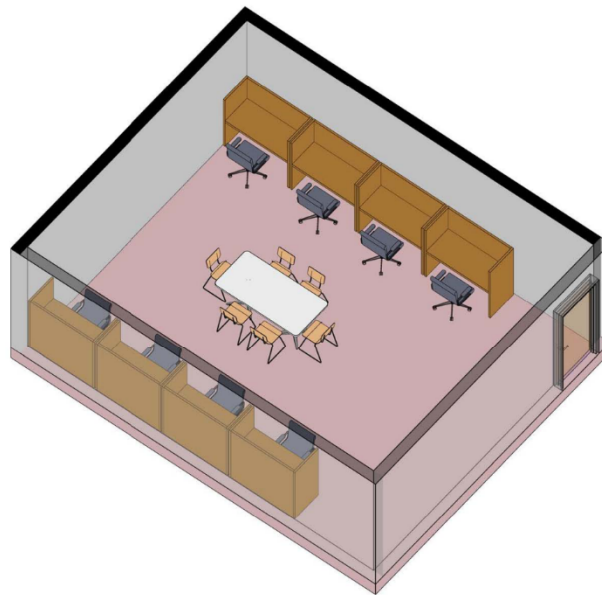
Not to Scale

Function and Adjacency – F10 Intel Open Office

Open office for 8 personnel. It should be located within the secure perimeter.



Intel Open Office (F10)

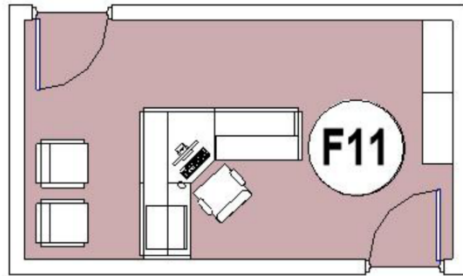


Intel Open Office (F10) Axonometric

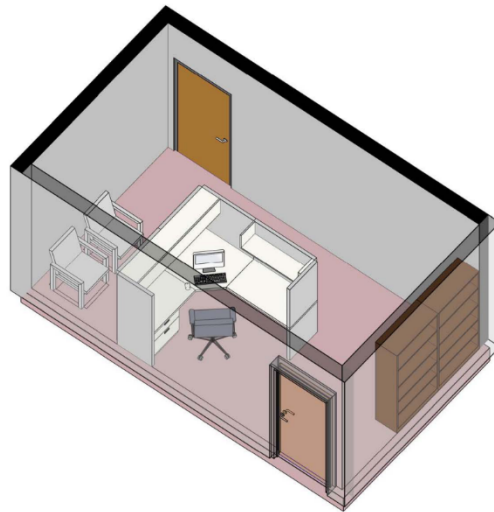
Not to Scale

Function and Adjacency – F11 Deadman Room

Security access control point for the secure area. It should be located within the secure perimeter.



Deadman Room (F11)



Deadman Room (F11) Axonometric

Not to Scale

MODULE G – Human Performance Training Center (HPTC) Module (G1 – G6)
Module Net Area: 10,259 sq.ft.

Function and Adjacency –

G1 Strength and Conditioning

Exercise facility for all personnel. Will house cardiovascular and weight training equipment as well as an indoor turf track. Located directly adjacent to all HPTC offices and restrooms/lockers/showers.

G2 Physical Therapy Room

Physical therapy space for personnel needing assistance. Convenient access to locker rooms, and adjacent to Strength and Conditioning. Should have direct access to Physical Therapy Office.

G3 HPTC Storage

Storage area to be located adjacent to Physical Therapy Room.

G4 Hydro Therapy Room

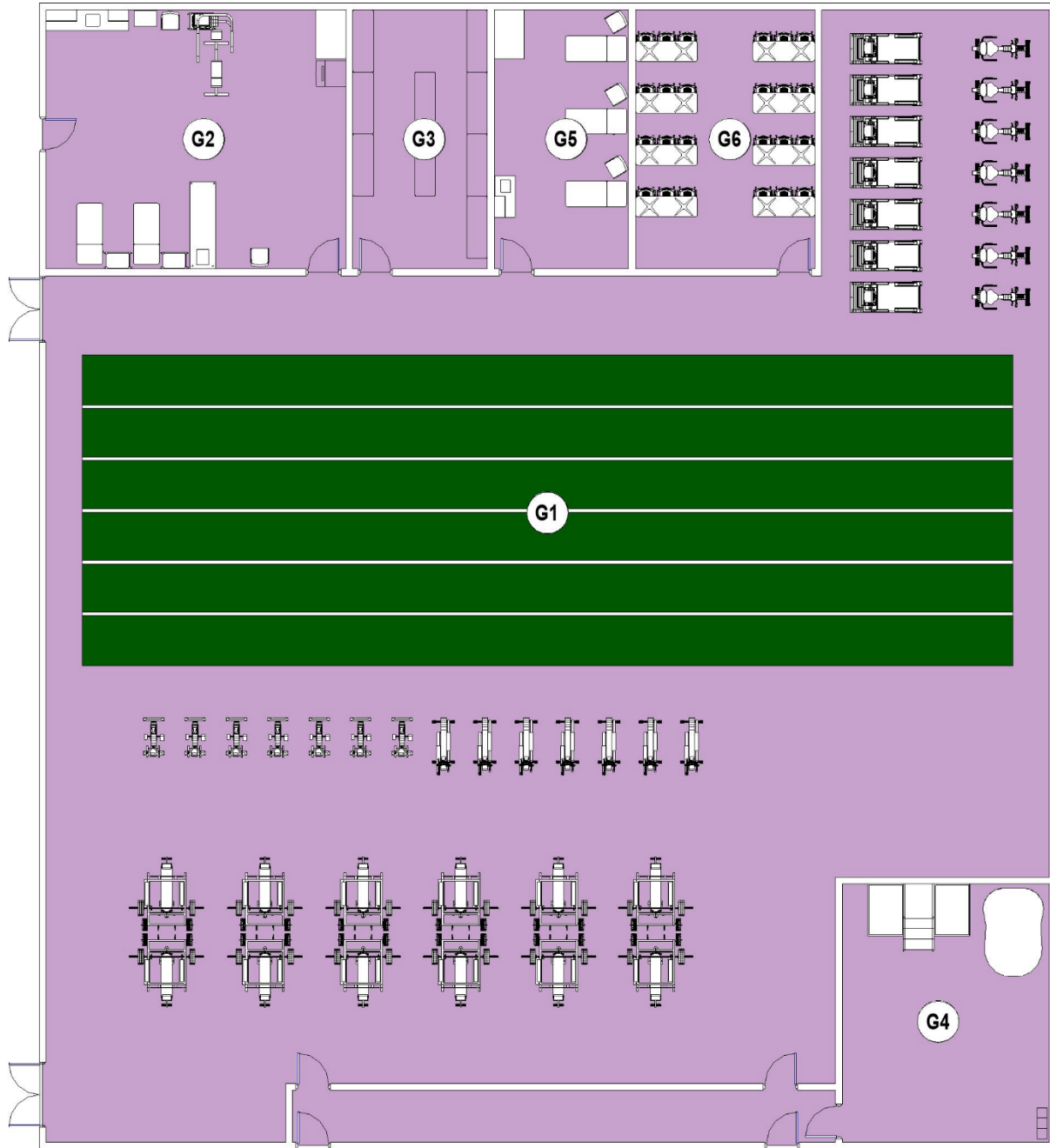
Space for water-based physical therapy. Provide direct access to locker rooms.

G5 Physical Assessment Area (Exam Room)

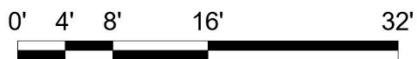
Exam room for personnel.

G6 Nutrition Education Room

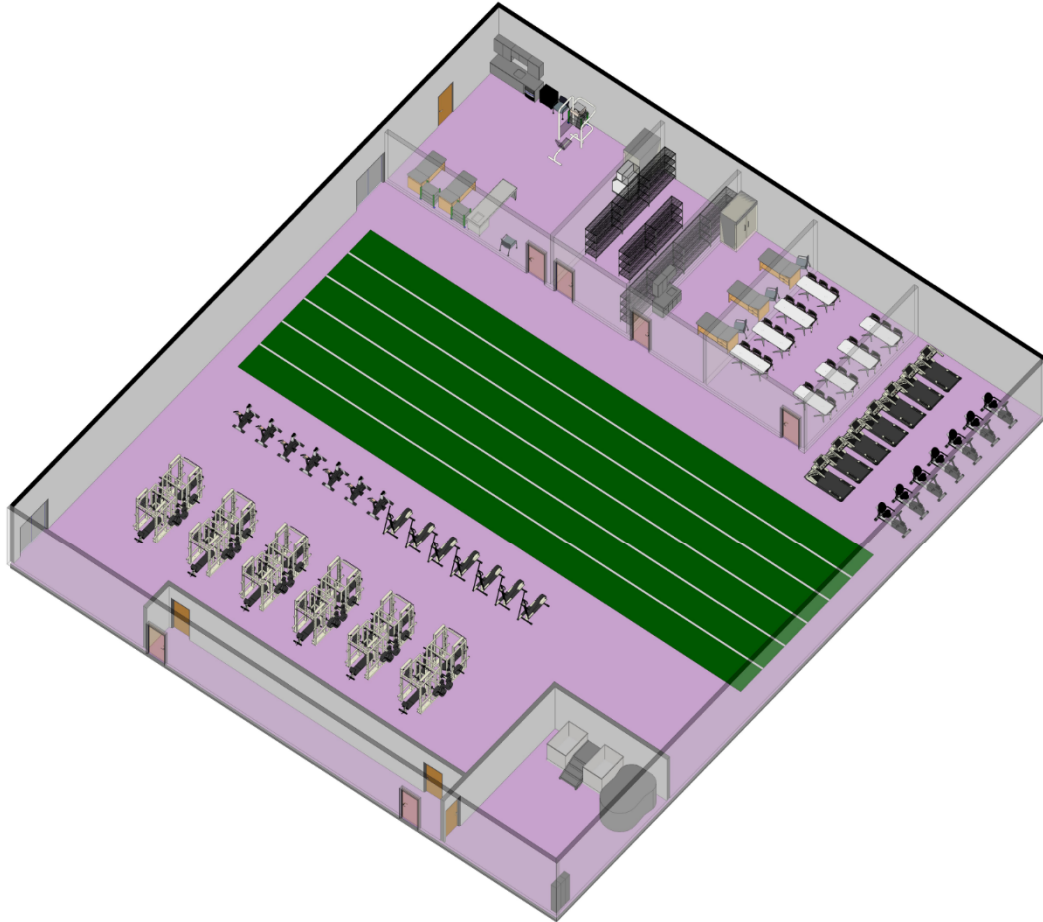
Classroom to be used for nutrition education.



Human Performance Training Center (HPTC) (G1-G6)



- ⓐ Strength and Conditioning
- ⓑ Physical Therapy Room
- ⓒ HPTC Storage
- ⓓ Hydro Therapy Room
- ⓔ Physical Assessment Area (Exam Room)
- ⓕ Nutrition Education Room



Human Performance Training Center (HPTC) (G1-G6) Axonometric

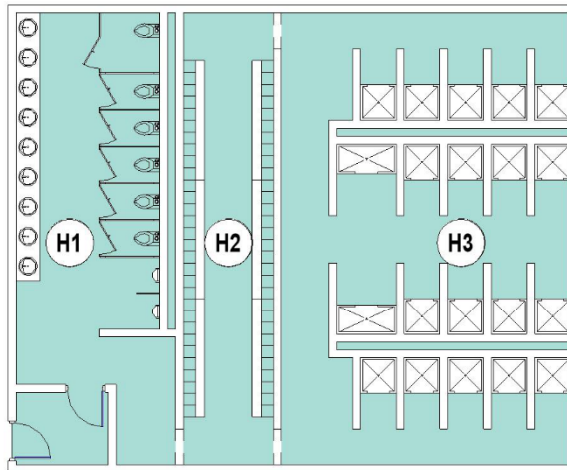
Not to Scale

MODULE H – Toilet/Shower/Locker Module (H1 – H12)

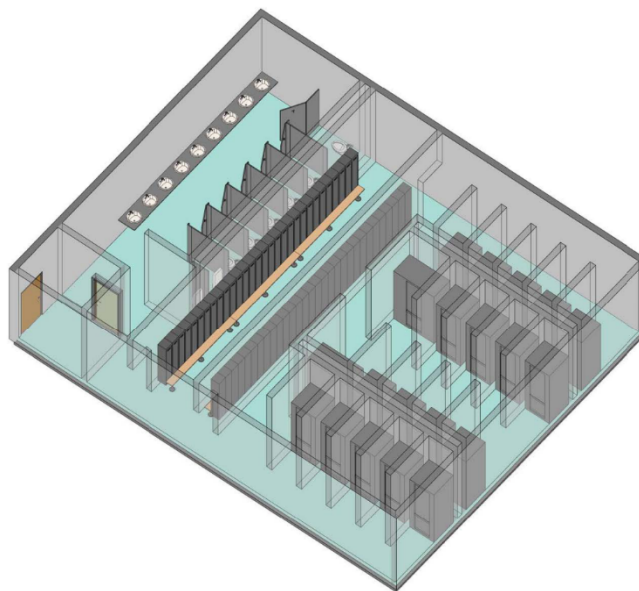
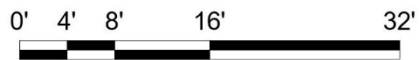
Module Net Area: 3,967 sq.ft.

Function and Adjacency – H1-H6 Men’s and Women’s Restrooms, Lockers and Showers

Restrooms, Lockers and Showers to be adjacent to the HPTC.

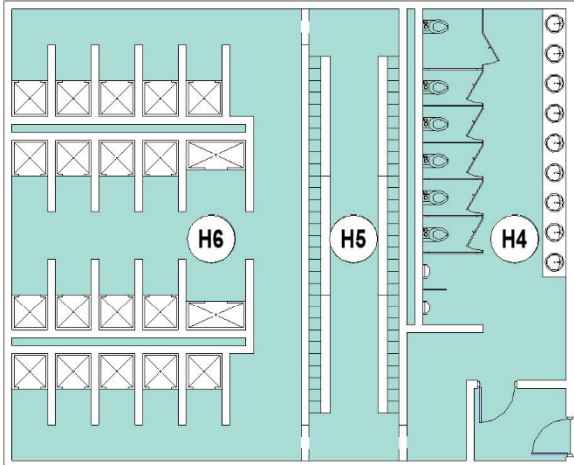


Men’s Restroom (H1), Locker (H2) and Shower (H3)

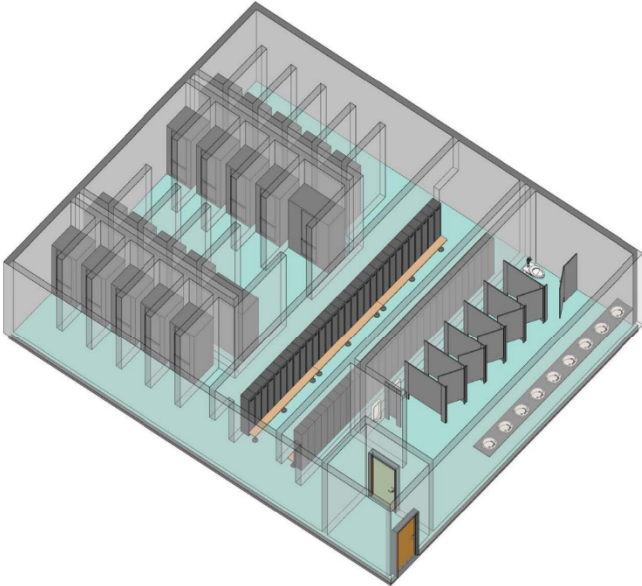


Men’s Restroom (H1), Locker (H2) and Shower (H3) Axonometric

Not to Scale



Women's Restroom (H4), Locker (H5) and Shower (H6)



Women's Restroom (H4), Locker (H5) and Shower (H6) Axonometric

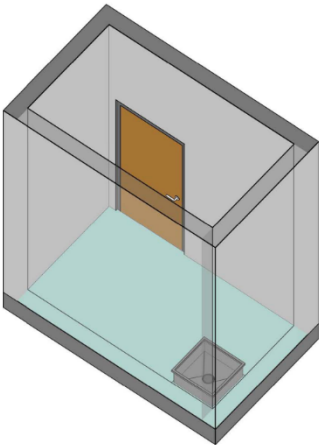
Not to Scale

Function and Adjacency – H7 Janitor

Area to house janitorial supplies, should be located adjacent to restrooms.



Janitor (H7)

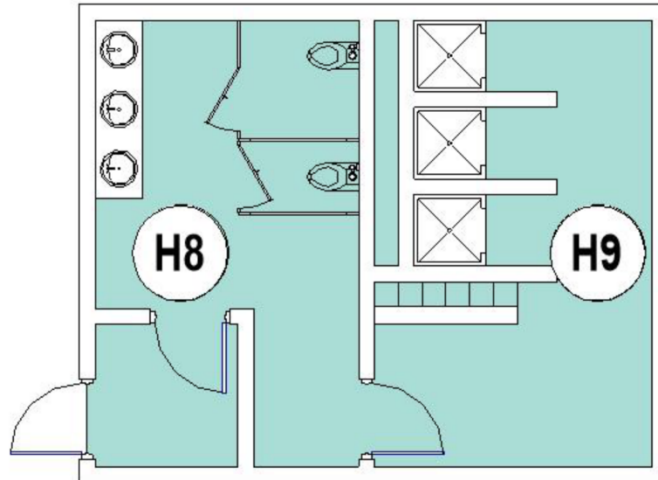


Janitor (H7) Axonometric

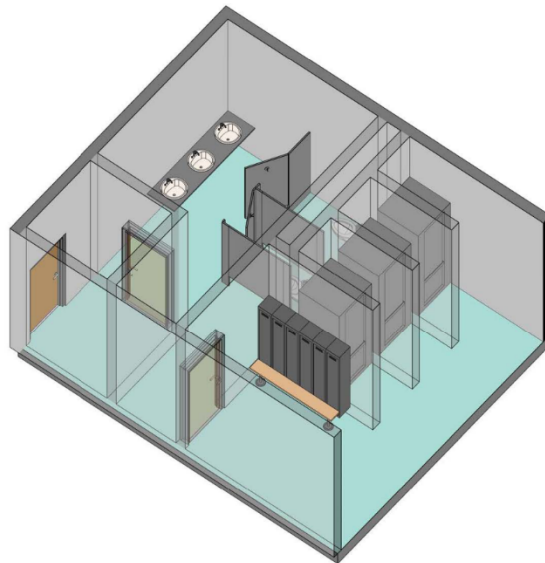
Not to Scale

Function and Adjacency – H8-H11 Men’s and Women’s Restrooms, Lockers and Showers (Maintenance)

Restrooms, Lockers and Showers located adjacent to the Vehicle Maintenance Bays.

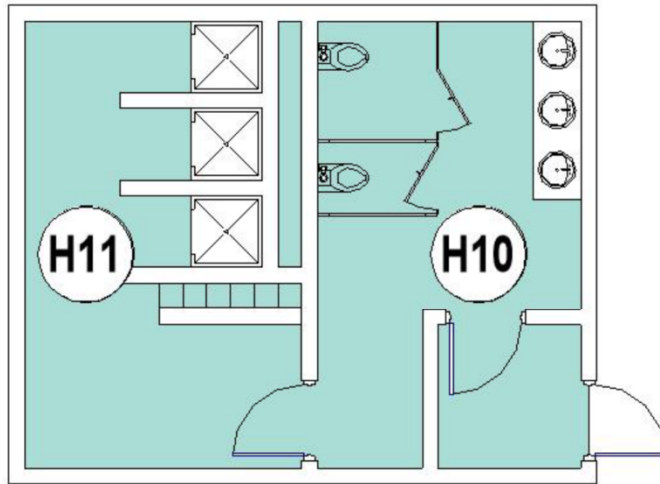


Men’s Restroom (H8) and Shower/Locker (H9) (Maintenance)

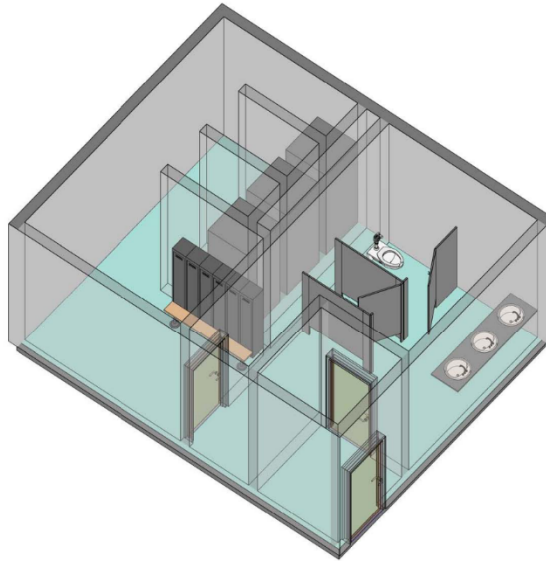


Men’s Restroom (H8) and Shower/Locker (H9) (Maintenance) Axonometric

Not to Scale



Women's Restroom (H10) and Shower/Locker (H11) (Maintenance)



Women's Restroom (H10) and Shower/Locker (H11) (Maintenance) Axonometric

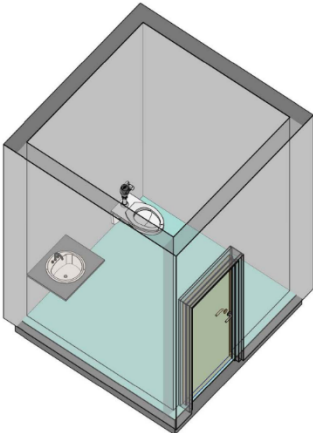
Not to Scale

Function and Adjacency – H12 Unisex Restroom (Command)

Restroom facilities for the Command Group to be located adjacent to the Command Group.



Unisex (Command) (H12)



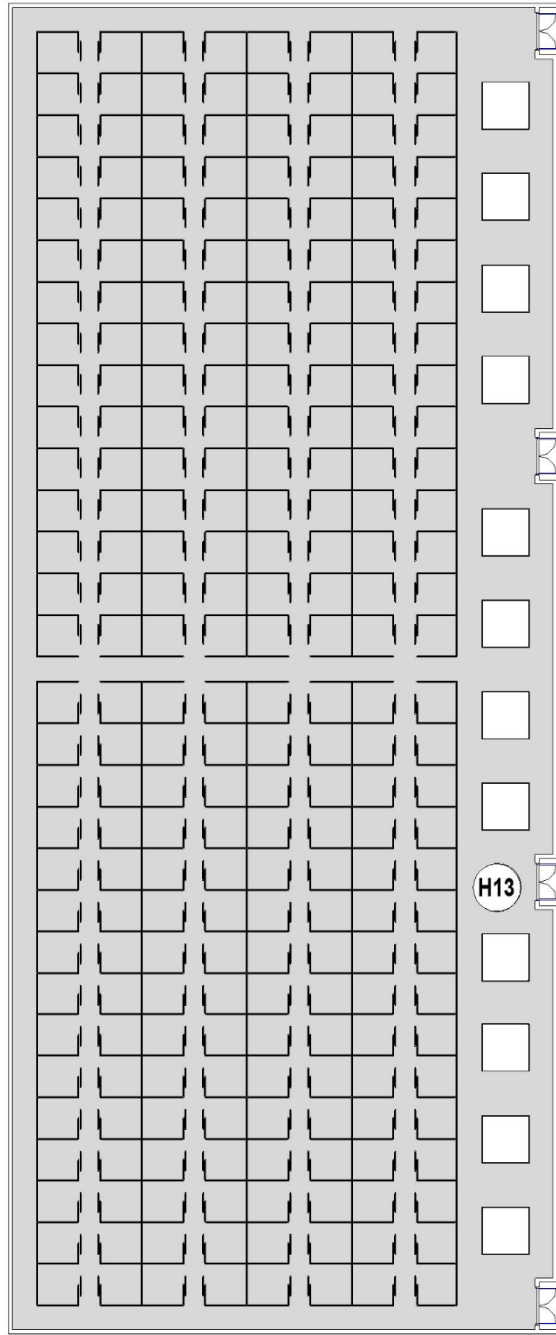
Unisex (Command) (H12) Axonometric

Not to Scale

MODULE H – Individual Tactical Equipment Storage Module (H13)
Module Net Area: 20,500 sq.ft.

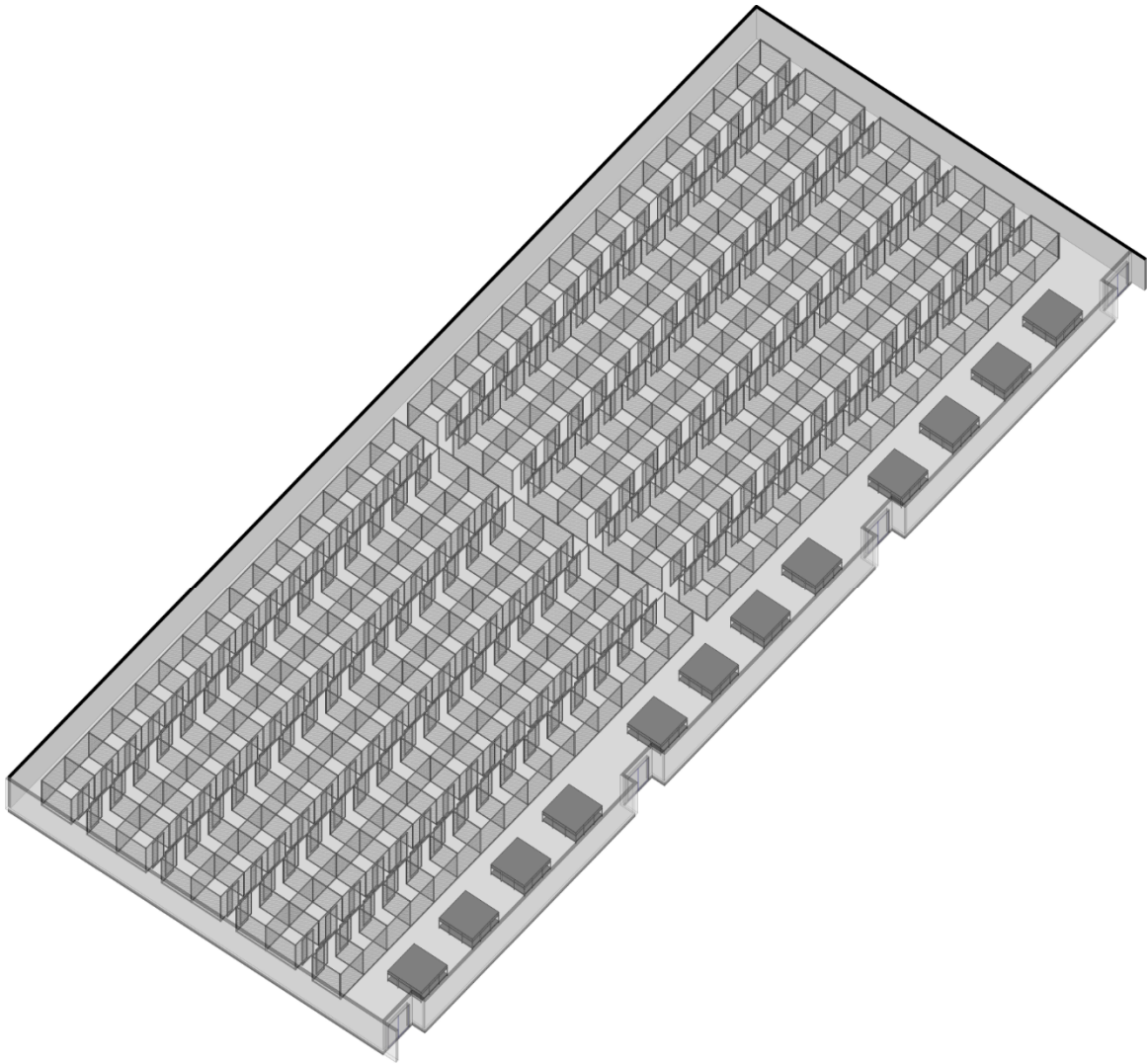
Function and Adjacency – H13 Individual Tactical Equipment Storage

Personal storage for all personnel. Each of 224 personnel is authorized a lockable storage cage 7'x7'x8'. This area should be located convenient to simulators and restrooms/showers.



Individual Tactical Equipment Storage (H13)





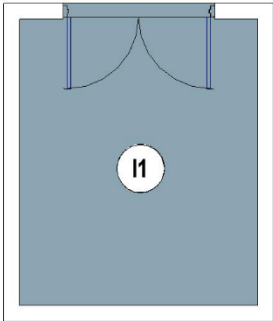
Individual Tactical Equipment Storage (H13) Axonometric

Not to Scale

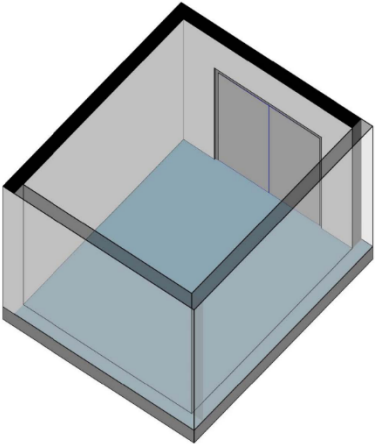
MODULE I – Building Support Module (I1 – I4)
Module Net Area: 1,940 sq.ft.

Function and Adjacency – I1 Communications Room

If second floor is required, communications rooms should be stacked to the extent possible.



Communications Room (I1)

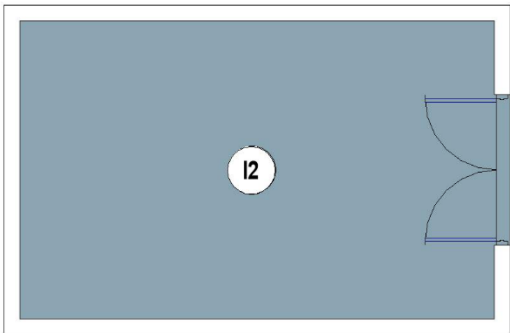


Communications Room (I1) Axonometric

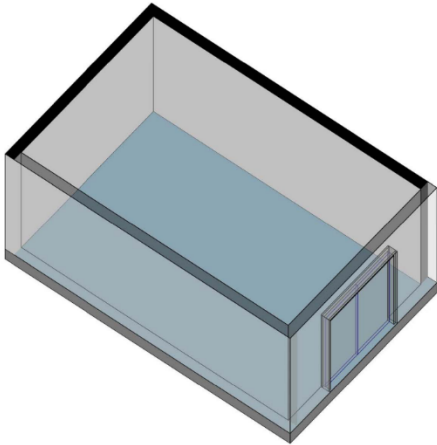
Not to Scale

Function and Adjacency – I2 Electrical Room

If second floor is required, electrical rooms should be stacked to the extent possible.



Electrical Room (I2)

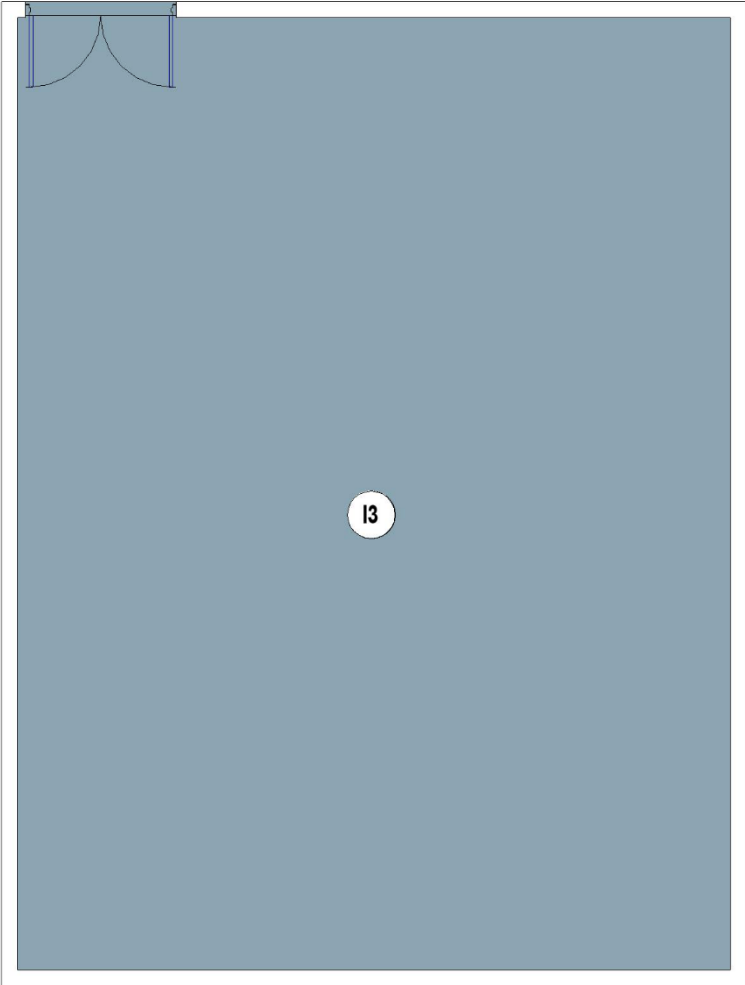


Electrical Room (I2) Axonometric

Not to Scale

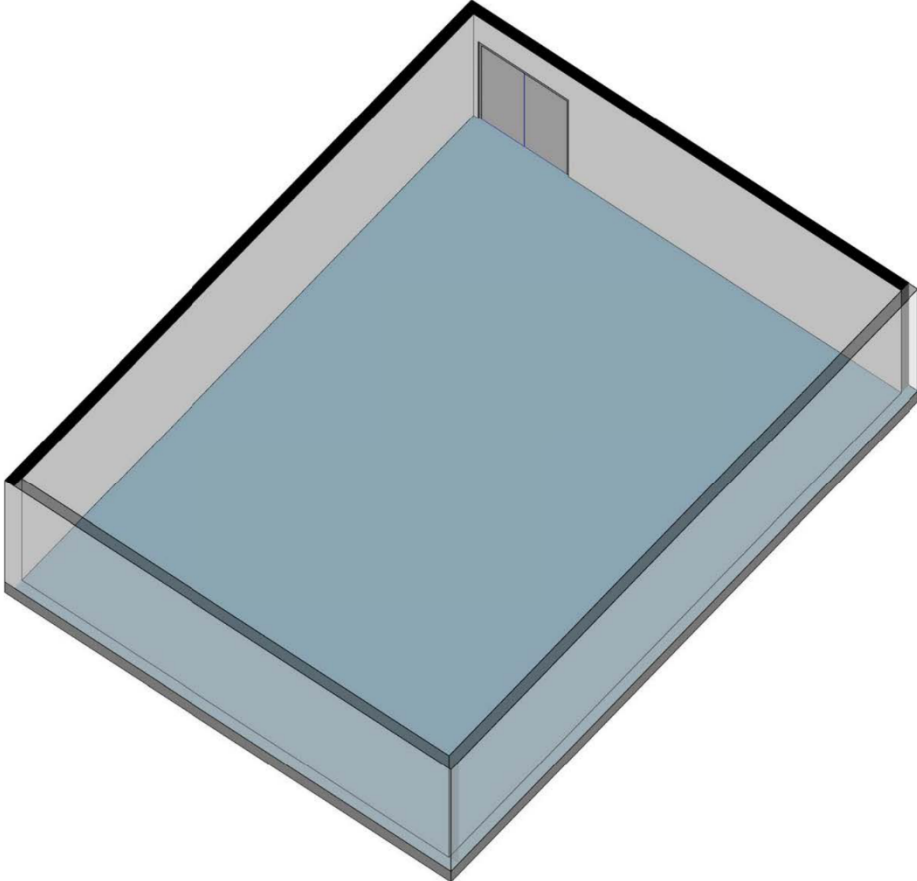
Function and Adjacency – I3 Mechanical Room

If second floor is required, mechanical rooms should be stacked to the extent possible.



Mechanical Room (I3)



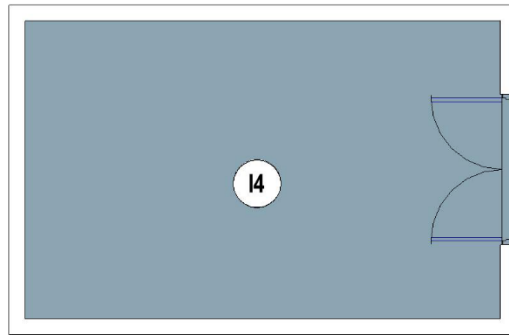


Mechanical Room (I3) Axonometric

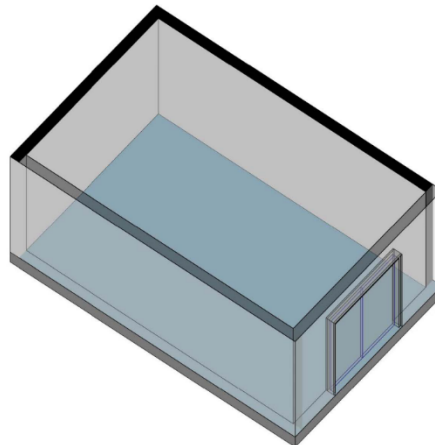
Not to Scale

Function and Adjacency – I4 Fire Pump Room (if required)

If second floor is utilized, fire pump rooms should be located on the first floor.



Fire Pump Room (I4)



Fire Pump Room (I4) Axonometric

Not to Scale

2.4.E Room Data Sheets

Specific requirements for each room, space, or area are provided on room data sheets that correspond to their respective color-coded Modules, the Functional Adjacency Diagram, and the Interactive Programming Worksheet. Information contained on the data sheets defines the functional and physical requirements for each of the spaces within the facility type and are generally minimum requirements. Reference pages 109 - 203 of this document.

2.4.F Standard Design Prototype

Reference page 13 of this document.

2.4.G Interactive Programming Worksheet

Included as excel files.

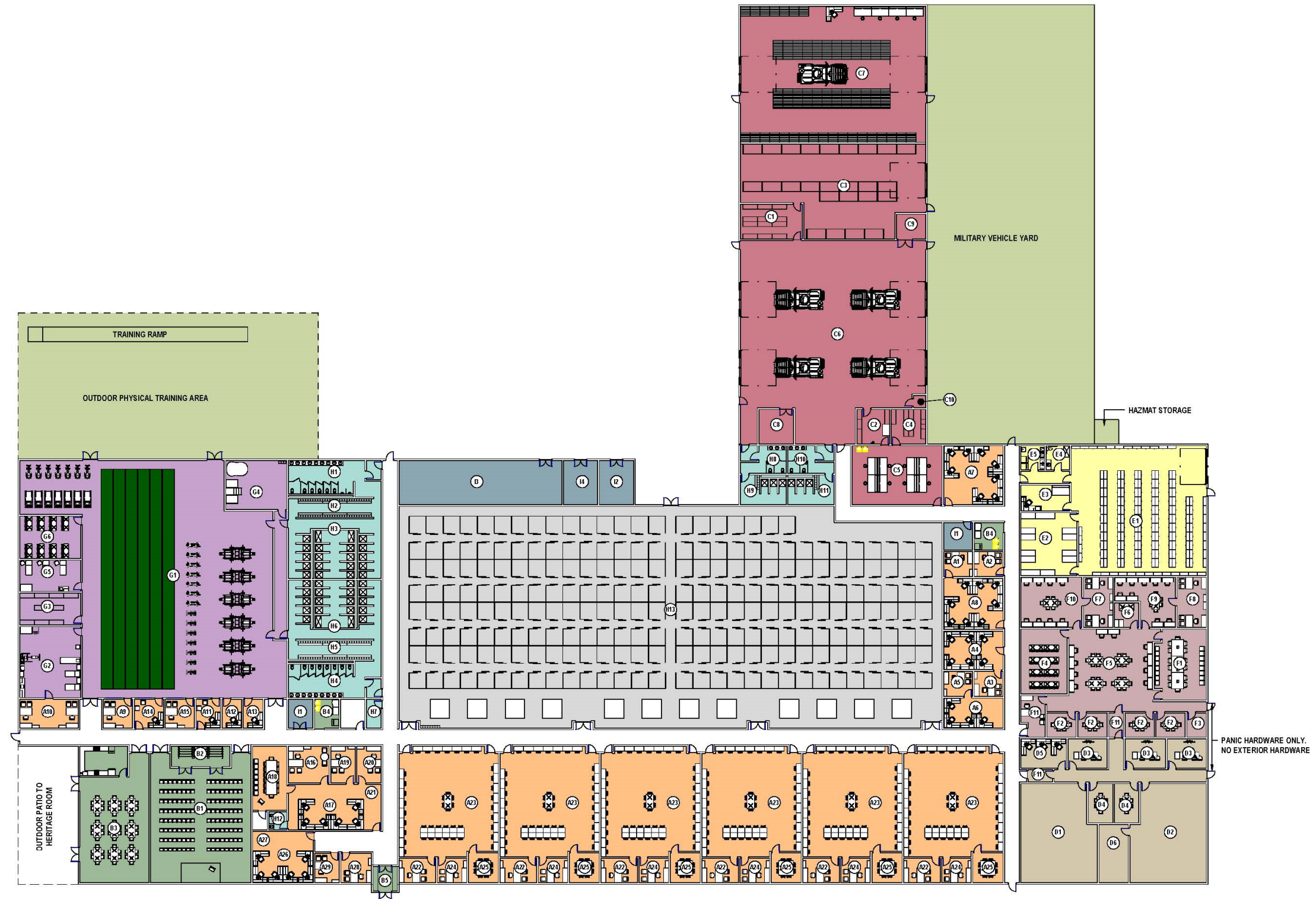


Figure A1		Combat Mission Support Flight Chief Office
Description/Usage		This office should be located adjacent to other maintenance offices and convenient to all maintenance areas (Bench Stock Storage, Battery Room, Mobility Readiness Spare Parts Storage, Radio Maintenance Field Equipment Storage, Radio Maintenance Work Center, Vehicle Maintenance Bays, Logdet Storage, Maintenance Equipment Storage, Tire Shop, and Vehicle Battery Charging)
Ceiling Height		9'-0"
Windows		Daylighting
Doors	Type	Solid Core Wood, 3'x7'
	Security/ Hardware	Keyed lockset
	View Panels/ Kick-Plates	Kick-plates
Finishes	Walls	Painted GWB
	Floor	Carpet Tiles
	Base	Resilient Base
	Ceiling	ACT
Plumbing		N/A
HVAC		Provide Heating, Ventilating and Air Conditioning Systems per UFC 3-410-01
Fire Protection / Alarm / Mass Notification Systems		Provide Fire Protection / Fire Alarm per UFC 3-600-01. Provide Mass Notification per UFC 4-021-01
Power		Provide Power Systems per UFC 3-520-01
Lighting		Provide lighting and controls in accordance with UFC 3-530-01, 3-4.2 Individual Offices
Communication	Tele/Data	Provide telecommunications design in accordance with UFC 3-580-01
	CCTV	N/A
	CATV	N/A
	Security	N/A
Acoustical		Per UFC 3-450-01 for noise control
Furnishings/Equipment/ Casework		(1) L-shaped desk, ergonomic task chair, (2) guest chairs, cork board, marker board, 4 gal trash can, 4 gal recycle bin
Special Requirements		

Figure A2		Job Control Office
Description/Usage		This office should be located adjacent to other maintenance offices and convenient to all maintenance areas (Bench Stock Storage, Battery Room, Mobility Readiness Spare Parts Storage, Radio Maintenance Field Equipment Storage, Radio Maintenance Work Center, Vehicle Maintenance Bays, Logdet Storage, Maintenance Equipment Storage, Tire Shop, and Vehicle Battery Charging)
Ceiling Height		9'-0"
Windows		Daylighting
Doors	Type	Solid Core Wood, 3'x7'
	Security/ Hardware	Keyed lockset
	View Panels/ Kick-Plates	Kick-plates
Finishes	Walls	Painted GWB
	Floor	Carpet Tiles
	Base	Resilient Base
	Ceiling	ACT
Plumbing		N/A
HVAC		Provide Heating, Ventilating and Air Conditioning Systems per UFC 3-410-01
Fire Protection / Alarm / Mass Notification Systems		Provide Fire Protection / Fire Alarm per UFC 3-600-01. Provide Mass Notification per UFC 4-021-01
Power		Provide Power Systems per UFC 3-520-01
Lighting		Provide lighting and controls in accordance with UFC 3-530-01, 3-4.2 Individual Offices
Communication	Tele/Data	Provide telecommunications design in accordance with UFC 3-580-01
	CCTV	N/A
	CATV	N/A
	Security	N/A
Acoustical		Per UFC 3-450-01 for noise control
Furnishings/Equipment/ Casework		(1) L-shaped desk, ergonomic task chair, (2) task chairs, cork board, marker board, 4 gal trash can, 4 gal recycle bin
Special Requirements		

Figure A3		Material Control Office
Description/Usage		This office should be collocated with the Material Control Open Office, adjacent to the other maintenance offices, and convenient to all maintenance areas (Bench Stock Storage, Battery Room, Mobility Readiness Spare Parts Storage, Radio Maintenance Field Equipment Storage, Radio Maintenance Work Center, Vehicle Maintenance Bays, Logdet Storage, Maintenance Equipment Storage, Tire Shop, and Vehicle Battery Charging)
Ceiling Height		9'-0"
Windows		Daylighting
Doors	Type	Solid Core Wood, 3'x7'
	Security/ Hardware	Keyed lockset
	View Panels/ Kick-Plates	Kick-plates
Finishes	Walls	Painted GWB
	Floor	Carpet Tiles
	Base	Resilient Base
	Ceiling	ACT
Plumbing		N/A
HVAC		Provide Heating, Ventilating and Air Conditioning Systems per UFC 3-410-01
Fire Protection / Alarm / Mass Notification Systems		Provide Fire Protection / Fire Alarm per UFC 3-600-01. Provide Mass Notification per UFC 4-021-01
Power		Provide Power Systems per UFC 3-520-01
Lighting		Provide lighting and controls in accordance with UFC 3-530-01, 3-4.2 Individual Offices
Communication	Tele/Data	Provide telecommunications design in accordance with UFC 3-580-01. Provide a minimum of two outlet locations on all walls.
	CCTV	N/A
	CATV	N/A
	Security	N/A
Acoustical		Per UFC 3-450-01 for noise control
Furnishings/Equipment/ Casework		(1) L-shaped desk, ergonomic task chair, (2) guest chairs, cork board, marker board, 4 gal trash can, 4 gal recycle bin
Special Requirements		

Figure A4		Material Control Open Office
Description/Usage		Shared administrative space for Material Control personnel. This office should be collocated with the Material Control Office, adjacent to other maintenance offices and convenient to all maintenance areas (Bench Stock Storage, Battery Room, Mobility Readiness Spare Parts Storage, Radio Maintenance Field Equipment Storage, Radio Maintenance Work Center, Vehicle Maintenance Bays, Logdet Storage, Maintenance Equipment Storage, Tire Shop, and Vehicle Battery Charging)
Ceiling Height		9'-0"
Windows		Daylighting
Doors	Type	Solid Core Wood, 3'x7'
	Security/ Hardware	Keyed lockset
	View Panels/ Kick-Plates	Kick-plates
Finishes	Walls	Painted GWB
	Floor	VCT or sealed concrete
	Base	Resilient Base
	Ceiling	ACT
Plumbing		N/A
HVAC		Provide Heating, Ventilating and Air Conditioning Systems per UFC 3-410-01
Fire Protection / Alarm / Mass Notification Systems		Provide Fire Protection / Fire Alarm per UFC 3-600-01. Provide Mass Notification per UFC 4-021-01
Power		Provide Power Systems per UFC 3-520-01
Lighting		Provide lighting and controls in accordance with UFC 3-530-01, 3-4.4 or 3-4.5 Open Offices
Communication	Tele/Data	Provide telecommunications design in accordance with UFC 3-580-01
	CCTV	N/A
	CATV	N/A
	Security	N/A
Acoustical		Per UFC 3-450-01 for noise control
Furnishings/Equipment/ Casework		(6) L-shaped workstations, ergonomic task chair, cork board, marker board, 4 gal trash can/workstation, 4 gal recycle bin/workstation
Special Requirements		

Figure A5		Combat Mission Support Maintenance Office
Description/Usage		This office should be collocated with the Combat Mission Support Maintenance Open Office, located adjacent to other maintenance offices and convenient to all maintenance areas (Bench Stock Storage, Battery Room, Mobility Readiness Spare Parts Storage, Radio Maintenance Field Equipment Storage, Radio Maintenance Work Center, Vehicle Maintenance Bays, Logdet Storage, Maintenance Equipment Storage, Tire Shop, and Vehicle Battery Charging)
Ceiling Height		9'-0"
Windows		Daylighting
Doors	Type	Solid Core Wood, 3'x7'
	Security/ Hardware	Keyed lockset
	View Panels/ Kick-Plates	Kick-plates
Finishes	Walls	Painted GWB
	Floor	Carpet Tiles
	Base	Resilient Base
	Ceiling	ACT
Plumbing		N/A
HVAC		Provide Heating, Ventilating and Air Conditioning Systems per UFC 3-410-01
Fire Protection / Alarm / Mass Notification Systems		Provide Fire Protection / Fire Alarm per UFC 3-600-01. Provide Mass Notification per UFC 4-021-01
Power		Provide Power Systems per UFC 3-520-01
Lighting		Provide lighting and controls in accordance with UFC 3-530-01, 3-4.2 Individual Offices
Communication	Tele/Data	Provide telecommunications design in accordance with UFC 3-580-01
	CCTV	N/A
	CATV	N/A
	Security	N/A
Acoustical		Per UFC 3-450-01 for noise control
Furnishings/Equipment/ Casework		(1) L-shaped desk, ergonomic task chair, (2) guest chairs, cork board, marker board, 4 gal trash can, 4 gal recycle bin
Special Requirements		

Figure A6		Combat Mission Support Maintenance Open Office
Description/Usage		Shared administrative space for Combat Mission Support personnel. This office should be collocated with the Combat Mission Support Maintenance Office, adjacent to other maintenance offices and convenient to all maintenance areas (Bench Stock Storage, Battery Room, Mobility Readiness Spare Parts Storage, Radio Maintenance Field Equipment Storage, Radio Maintenance Work Center, Vehicle Maintenance Bays, Logdet Storage, Maintenance Equipment Storage, Tire Shop, and Vehicle Battery Charging)
Ceiling Height		9'-0"
Windows		Daylighting
Doors	Type	Solid Core Wood, 3'x7'
	Security/ Hardware	Keyed lockset
	View Panels/ Kick-Plates	Kick-plates
Finishes	Walls	Painted GWB
	Floor	VCT or sealed concrete
	Base	Resilient Base
	Ceiling	ACT
Plumbing		N/A
HVAC		Provide Heating, Ventilating and Air Conditioning Systems per UFC 3-410-01
Fire Protection / Alarm / Mass Notification Systems		Provide Fire Protection / Fire Alarm per UFC 3-600-01. Provide Mass Notification per UFC 4-021-01
Power		Provide Power Systems per UFC 3-520-01
Lighting		Provide lighting and controls in accordance with UFC 3-530-01, 3-4.4 or 3-4.5 Open Offices
Communication	Tele/Data	Provide telecommunications design in accordance with UFC 3-580-01
	CCTV	N/A
	CATV	N/A
	Security	N/A
Acoustical		Per UFC 3-450-01 for noise control
Furnishings/Equipment/ Casework		(4) L-shaped workstations, ergonomic task chair, cork board, marker board, 4 gal trash can/workstation, 4 gal recycle bin/workstation
Special Requirements		

Figure A7		Radio Maintenance Open Office
Description/Usage		Shared administrative space for Radio Maintenance personnel. This office can be collocated with Combat Mission Support Open Office (A8). This office should be located adjacent to other maintenance offices and convenient to all maintenance areas (Bench Stock Storage, Battery Room, Mobility Readiness Spare Parts Storage, Radio Maintenance Field Equipment Storage, Radio Maintenance Work Center, Vehicle Maintenance Bays, Logdet Storage, Maintenance Equipment Storage, Tire Shop, and Vehicle Battery Charging)
Ceiling Height		9'-0"
Windows		Daylighting
Doors	Type	Solid Core Wood, 3'x7'
	Security/ Hardware	Keyed lockset
	View Panels/ Kick-Plates	Kick-plates
Finishes	Walls	Painted GWB
	Floor	VCT or sealed concrete
	Base	Resilient Base
	Ceiling	ACT
Plumbing		N/A
HVAC		Provide Heating, Ventilating and Air Conditioning Systems per UFC 3-410-01
Fire Protection / Alarm / Mass Notification Systems		Provide Fire Protection / Fire Alarm per UFC 3-600-01. Provide Mass Notification per UFC 4-021-01
Power		Provide Power Systems per UFC 3-520-01
Lighting		Provide lighting and controls in accordance with UFC 3-530-01, 3-4.4 or 3-4.5 Open Offices
Communication	Tele/Data	Provide telecommunications design in accordance with UFC 3-580-01
	CCTV	N/A
	CATV	N/A
	Security	N/A
Acoustical		Per UFC 3-450-01 for noise control
Furnishings/Equipment/ Casework		(8) L-shaped workstations, ergonomic task chair, cork board, marker board, 4 gal trash can/workstation, 4 gal recycle bin/workstation
Special Requirements		

Figure A8		Combat Mission Support Open Office
Description/Usage		Shared administrative space for ASOC LG Flights. Adjacent to LOGDET. This open office can be collocated with Radio Maintenance Open Office. Locate convenient to Logdet Storage.
Ceiling Height		9'-0"
Windows		Daylighting
Doors	Type	Solid Core Wood, 3'x7'
	Security/ Hardware	Keyed lockset
	View Panels/ Kick-Plates	Kick-plates
Finishes	Walls	Painted GWB
	Floor	VCT or sealed concrete
	Base	Resilient Base
	Ceiling	ACT
Plumbing		N/A
HVAC		Provide Heating, Ventilating and Air Conditioning Systems per UFC 3-410-01
Fire Protection / Alarm / Mass Notification Systems		Provide Fire Protection / Fire Alarm per UFC 3-600-01. Provide Mass Notification per UFC 4-021-01
Power		Provide Power Systems per UFC 3-520-01
Lighting		Provide lighting and controls in accordance with UFC 3-530-01
Communication	Tele/Data	Provide telecommunications design in accordance with UFC 3-580-01
	CCTV	N/A
	CATV	N/A
	Security	N/A
Acoustical		Per UFC 3-450-01 for noise control
Furnishings/Equipment/ Casework		(8) L-shaped workstations, (8) ergonomic task chairs, cork board, marker board, 4 gal trash can/workstation, 4 gal recycle bin/workstation
Special Requirements		

Figure A9		Dietician Office
Description/Usage		Private administrative space for a Dietician to meet with and consult clients. Locate adjacent to the HPTC.
Ceiling Height		9'-0"
Windows		Daylighting, provide wall-length one-way mirror into HPTC
Doors	Type	Solid Core Wood, 3'x7'
	Security/ Hardware	Keyed lockset
	View Panels/ Kick-Plates	Kick-plates
Finishes	Walls	Painted GWB
	Floor	Carpet Tiles
	Base	Resilient Base
	Ceiling	ACT
Plumbing		N/A
HVAC		Provide Heating, Ventilating and Air Conditioning Systems per UFC 3-410-01
Fire Protection / Alarm / Mass Notification Systems		Provide Fire Protection / Fire Alarm per UFC 3-600-01. Provide Mass Notification per UFC 4-021-01
Power		Provide Power Systems per UFC 3-520-01
Lighting		Provide lighting and controls in accordance with UFC 3-530-01, 3-4.2 Individual Offices
Communication	Tele/Data	Provide telecommunications design in accordance with UFC 3-580-01
	CCTV	N/A
	CATV	N/A
	Security	Provide a silent alarm system with duress buttons under the desk. Alarm shall alert in the HPTC module.
Acoustical		Per UFC 3-450-01 for noise control
Furnishings/Equipment/ Casework		(1) L-shaped desk, ergonomic task chair, (2) guest chairs, cork board, marker board, 4 gal trash can, 4 gal recycle bin
Special Requirements		

Figure A10		Physical Therapist Office
Description/Usage		Administrative space for a Physical Therapist. This is a shared, semi-private office. Locate adjacent to the HPTC and provide direct access to the Physical Therapy Room.
Ceiling Height		9'-0"
Windows		Daylighting
Doors	Type	Solid Core Wood, 3'x7'
	Security/Hardware	Keyed lockset
	View Panels/Kick-Plates	Kick-plates
Finishes	Walls	Painted GWB
	Floor	Carpet Tiles
	Base	Resilient Base
	Ceiling	ACT
Plumbing		N/A
HVAC		Provide Heating, Ventilating and Air Conditioning Systems per UFC 3-410-01
Fire Protection / Alarm / Mass Notification Systems		Provide Fire Protection / Fire Alarm per UFC 3-600-01. Provide Mass Notification per UFC 4-021-01
Power		Provide Power Systems per UFC 3-520-01
Lighting		Provide lighting and controls in accordance with UFC 3-530-01, 3-4.2 Individual Offices
Communication	Tele/Data	Provide a dedicated drop for connectivity to Mil Treatment facility data systems. The Mil Treatment drops and patch panels shall be unique in color . Provide telecommunications design in accordance with UFC 3-580-01
	CCTV	N/A
	CATV	N/A
	Security	N/A
Acoustical		Per UFC 3-450-01 for noise control
Furnishings/Equipment/Casework		(2) L-shaped desk, (2) ergonomic task chair, cork board, marker board, 4 gal trash can/desk, 4 gal recycle bin/desk
Special Requirements		

Figure A11		Social Worker Office
Description/Usage		Private administrative space for a Social Worker to meet with personnel. Locate adjacent to the HPTC. Locate remotely from the Command Suite.
Ceiling Height		9'-0"
Windows		Daylighting, provide wall-length one-way mirror into HPTC
Doors	Type	Solid Core Wood, 3'x7'
	Security/ Hardware	Keyed lockset
	View Panels/ Kick-Plates	Kick-plates
Finishes	Walls	Painted GWB
	Floor	Carpet Tiles
	Base	Resilient Base
	Ceiling	ACT
Plumbing		N/A
HVAC		Provide Heating, Ventilating and Air Conditioning Systems per UFC 3-410-01
Fire Protection / Alarm / Mass Notification Systems		Provide Fire Protection / Fire Alarm per UFC 3-600-01. Provide Mass Notification per UFC 4-021-01
Power		Provide Power Systems per UFC 3-520-01
Lighting		Provide lighting and controls in accordance with UFC 3-530-01, 3-4.2 Individual Offices
Communication	Tele/Data	Provide telecommunications design in accordance with UFC 3-580-01
	CCTV	N/A
	CATV	N/A
	Security	Provide a silent alarm system with duress buttons under the desk. Alarm shall alert in the HPTC module.
Acoustical		Per UFC 3-450-01 for noise control
Furnishings/Equipment/ Casework		(1) L-shaped desk, ergonomic task chair, (2) guest chairs, cork board, marker board, 4 gal trash can, 4 gal recycle bin
Special Requirements		Provide alternate exit from office

Figure A12		Medical Tech Office
Description/Usage		Private administrative space for the Medical Technician. Locate adjacent to the HPTC.
Ceiling Height		9'-0"
Windows		Daylighting
Doors	Type	Solid Core Wood, 3'x7'
	Security/ Hardware	Keyed lockset
	View Panels/ Kick-Plates	Kick-plates
Finishes	Walls	Painted GWB
	Floor	Carpet Tiles
	Base	Resilient Base
	Ceiling	ACT
Plumbing		N/A
HVAC		Provide Heating, Ventilating and Air Conditioning Systems per UFC 3-410-01
Fire Protection / Alarm / Mass Notification Systems		Provide Fire Protection / Fire Alarm per UFC 3-600-01. Provide Mass Notification per UFC 4-021-01
Power		Provide Power Systems per UFC 3-520-01
Lighting		Provide lighting and controls in accordance with UFC 3-530-01, 3-4.2 Individual Offices
Communication	Tele/Data	Provide a dedicated drop for connectivity to Mil Treatment facility data systems. The Mil Treatment drops and patch panels shall be unique in color. Provide telecommunications design in accordance with UFC 3-580-01
	CCTV	N/A
	CATV	N/A
	Security	Provide a silent alarm system with duress buttons under the desk. Alarm shall alert in the HPTC module.
Acoustical		Per UFC 3-450-01 for noise control
Furnishings/Equipment/ Casework		(1) L-shaped desk, ergonomic task chair, cork board, marker board, 4 gal trash can, 4 gal recycle bin, lockable refrigerated storage for medical supplies
Special Requirements		

Figure A13		Exercise Physician Office
Description/Usage		Private administrative space for the Exercise Physician. Locate adjacent to the HPTC.
Ceiling Height		9'-0"
Windows		Daylighting
Doors	Type	Solid Core Wood, 3'x7'
	Security/ Hardware	Keyed lockset
	View Panels/ Kick-Plates	Kick-plates
Finishes	Walls	Painted GWB
	Floor	Carpet Tiles
	Base	Resilient Base
	Ceiling	ACT
Plumbing		N/A
HVAC		Provide Heating, Ventilating and Air Conditioning Systems per UFC 3-410-01
Fire Protection / Alarm / Mass Notification Systems		Provide Fire Protection / Fire Alarm per UFC 3-600-01. Provide Mass Notification per UFC 4-021-01
Power		Provide Power Systems per UFC 3-520-01
Lighting		Provide lighting and controls in accordance with UFC 3-530-01, 3-4.2 Individual Offices
Communication	Tele/Data	Provide telecommunications design in accordance with UFC 3-580-01
	CCTV	N/A
	CATV	N/A
	Security	N/A
Acoustical		Per UFC 3-450-01 for noise control
Furnishings/Equipment/ Casework		(1) L-shaped desk, ergonomic task chair, cork board, marker board, 4 gal trash can, 4 gal recycle bin
Special Requirements		

Figure A14		Clinical Psychologist Office
Description/Usage		Private administrative space for the Clinical Psychologist to meet with personnel. Locate adjacent to the HPTC. Locate remotely from the Command Suite.
Ceiling Height		9'-0"
Windows		Daylighting, provide wall-length one-way mirror into HPTC
Doors	Type	Solid Core Wood, 3'x7'
	Security/Hardware	Keyed lockset
	View Panels/Kick-Plates	Kick-plates
Finishes	Walls	Painted GWB
	Floor	Carpet Tiles
	Base	Resilient Base
	Ceiling	ACT
Plumbing		N/A
HVAC		Provide Heating, Ventilating and Air Conditioning Systems per UFC 3-410-01
Fire Protection / Alarm / Mass Notification Systems		Provide Fire Protection / Fire Alarm per UFC 3-600-01. Provide Mass Notification per UFC 4-021-01
Power		Provide Power Systems per UFC 3-520-01
Lighting		Provide lighting and controls in accordance with UFC 3-530-01, 3-4.2 Individual Offices
Communication	Tele/Data	Provide a dedicated drop for connectivity to Mil Treatment facility data systems. The Mil Treatment drops and patch panels shall be unique in color. Provide telecommunications design in accordance with UFC 3-580-01
	CCTV	N/A
	CATV	N/A
	Security	Provide a silent alarm system with duress buttons under the desk. Alarm shall alert in the HPTC module.
Acoustical		Per UFC 3-450-01 for noise control
Furnishings/Equipment/Casework		(1) L-shaped desk, ergonomic task chair, (2) task chairs, cork board, marker board, 4 gal trash can, 4 gal recycle bin
Special Requirements		Provide an alternate exit from office

Figure A15		Human Performance Supervisor / Strength Training
Description/Usage		Private administrative space for the Human Performance Supervisor/Strength Trainer. Locate adjacent to the HPTC.
Ceiling Height		9'-0"
Windows		Daylighting, provide wall-length one-way mirror into HPTC
Doors	Type	Solid Core Wood, 3'x7'
	Security/ Hardware	Keyed lockset
	View Panels/ Kick-Plates	Kick-plates
Finishes	Walls	Painted GWB
	Floor	Carpet Tiles
	Base	Resilient Base
	Ceiling	ACT
Plumbing		N/A
HVAC		Provide Heating, Ventilating and Air Conditioning Systems per UFC 3-410-01
Fire Protection / Alarm / Mass Notification Systems		Provide Fire Protection / Fire Alarm per UFC 3-600-01. Provide Mass Notification per UFC 4-021-01
Power		Provide Power Systems per UFC 3-520-01
Lighting		Provide lighting and controls in accordance with UFC 3-530-01, 3-4.2 Individual Offices
Communication	Tele/Data	Provide a dedicated drop for connectivity to Mil Treatment facility data systems. The Mil Treatment drops and patch panels shall be unique in color. Provide telecommunications design in accordance with UFC 3-580-01
	CCTV	N/A
	CATV	N/A
	Security	N/A
Acoustical		Per UFC 3-450-01 for noise control
Furnishings/Equipment/ Casework		(1) L-shaped desk, ergonomic task chair, cork board, marker board, 4 gal trash can, 4 gal recycle bin
Special Requirements		

Figure A16		Commander Office
Description/Usage		Executive office space for the Squadron Commander. Commander should be located near the Multi-Purpose Room, and adjacent to the rest of the Command Suite.
Ceiling Height		9'-0"
Windows		Daylighting
Doors	Type	Solid Core Wood, 3'x7'
	Security/ Hardware	Keyed lockset
	View Panels/ Kick-Plates	Kick-plates
Finishes	Walls	Painted GWB
	Floor	Carpet Tiles
	Base	Resilient Base
	Ceiling	ACT
Plumbing		N/A
HVAC		Provide Heating, Ventilating and Air Conditioning Systems per UFC 3-410-01
Fire Protection / Alarm / Mass Notification Systems		Provide Fire Protection / Fire Alarm per UFC 3-600-01. Provide Mass Notification per UFC 4-021-01
Power		Provide Power Systems per UFC 3-520-01
Lighting		Provide lighting and controls in accordance with UFC 3-530-01, 3-4.2 Individual Offices
Communication	Tele/Data	Provide telecommunications design in accordance with UFC 3-580-01. Provide a SIPR drop.
	CCTV	N/A
	CATV	Provide CATV jack at flat panel locations
	Security	N/A
Acoustical		Per UFC 3-450-01 for noise control
Furnishings/Equipment/ Casework		(1) double pedestal executive desk with credenza and hutch, ergonomic executive chair, lounge chair and sofa with accent table, lateral filing cabinet, (2) guest chairs. Cork board, marker board, 4 gal trash can, 4 gal recycle bin
Special Requirements		

Figure A17		Commander Admin Area
Description/Usage		Open office space for Command staff. Locate adjacent to Commander Office and other Command functions.
Ceiling Height		9'-0"
Windows		Daylighting
Doors	Type	N/A
	Security/ Hardware	N/A
	View Panels/ Kick-Plates	N/A
Finishes	Walls	Painted GWB
	Floor	Carpet Tiles
	Base	Resilient Base
	Ceiling	ACT
Plumbing		N/A
HVAC		Provide Heating, Ventilating and Air Conditioning Systems per UFC 3-410-01
Fire Protection / Alarm / Mass Notification Systems		Provide Fire Protection / Fire Alarm per UFC 3-600-01. Provide Mass Notification per UFC 4-021-01
Power		Provide Power Systems per UFC 3-520-01
Lighting		Provide lighting and controls in accordance with UFC 3-530-01, 3-4.4 or 3-4.5 Open Offices
Communication	Tele/Data	Provide infrastructure for flat panels and AV system. Provide telecommunications design in accordance with UFC 3-580-01
	CCTV	N/A
	CATV	N/A
	Security	N/A
Acoustical		Per UFC 3-450-01 for noise control
Furnishings/Equipment/ Casework		(6) L-shaped desks with transaction tops, (6) ergonomic task chairs, (6) lateral filing cabinets, 4 gal trash can/desk, 4 gal recycle bin/desk
Special Requirements		

Figure A18		Commander Conference Room
Description/Usage		The conference room will be used predominantly by the Squadron Commander and will seat 20 people. This room should be located adjacent to the Commander's office and near the primary facility entry for visitors. Provide minimum 3'-0" clearance around table.
Ceiling Height		9'-0"
Windows		Daylighting, room darkening shades
Doors	Type	Solid Core Wood, 3'x7'
	Security/ Hardware	Keyed lockset
	View Panels/ Kick-Plates	Kick-plates
Finishes	Walls	Painted GWB
	Floor	Carpet Tiles
	Base	Resilient Base
	Ceiling	ACT / Painted GWB
Plumbing		N/A
HVAC		Provide Heating, Ventilating and Air Conditioning Systems per UFC 3-410-01
Fire Protection / Alarm / Mass Notification Systems		Provide Fire Protection / Fire Alarm per UFC 3-600-01. Provide Mass Notification per UFC 4-021-01
Power		Provide Power Systems per UFC 3-520-01
Lighting		Provide lighting and controls in accordance with UFC 3-530-01, 3-4.7 Conference Rooms
Communication	Tele/Data	Provide infrastructure for smartboards, flat panels, and AV system. Provide telecommunications design in accordance with UFC 3-580-01
	CCTV	N/A
	CATV	Provide CATV jack at flat panel locations
	Security	N/A
Acoustical		Per UFC 3-450-01 for noise control
Furnishings/Equipment/ Casework		Conference table, executive conference chairs, side chairs, credenza, 4 gal trash can, 4 gal recycle bin, projector, smartboard, magnetic, large-scale whiteboard
Special Requirements		

Figure A19		First Sergeant Office
Description/Usage		Private office space for the First Sergeant located near the Commander.
Ceiling Height		9'-0"
Windows		Daylighting
Doors	Type	Solid Core Wood, 3'x7'
	Security/ Hardware	Keyed lockset
	View Panels/ Kick-Plates	Kick-plates
Finishes	Walls	Painted GWB
	Floor	Carpet Tiles
	Base	Resilient Base
	Ceiling	ACT
Plumbing		N/A
HVAC		Provide Heating, Ventilating and Air Conditioning Systems per UFC 3-410-01
Fire Protection / Alarm / Mass Notification Systems		Provide Fire Protection / Fire Alarm per UFC 3-600-01. Provide Mass Notification per UFC 4-021-01
Power		Provide Power Systems per UFC 3-520-01
Lighting		Provide lighting and controls in accordance with UFC 3-530-01, 3-4.2 Individual Offices
Communication	Tele/Data	Provide telecommunications design in accordance with UFC 3-580-01
	CCTV	N/A
	CATV	Provide CATV jack at flat panel locations
	Security	N/A
Acoustical		Per UFC 3-450-01 for noise control
Furnishings/Equipment/ Casework		(1) double pedestal desk with credenza/hutch, executive chair, (2) guest chairs, cork board, marker board, 4 gal trash can, 4 gal recycle bin
Special Requirements		

Figure A20		CEM Office
Description/Usage		Private office space for the CEM located near the Commander.
Ceiling Height		9'-0"
Windows		Daylighting
Doors	Type	Solid Core Wood, 3'x7'
	Security/ Hardware	Keyed lockset
	View Panels/ Kick-Plates	Kick-plates
Finishes	Walls	Painted GWB
	Floor	Carpet Tiles
	Base	Resilient Base
	Ceiling	ACT
Plumbing		N/A
HVAC		Provide Heating, Ventilating and Air Conditioning Systems per UFC 3-410-01
Fire Protection / Alarm / Mass Notification Systems		Provide Fire Protection / Fire Alarm per UFC 3-600-01. Provide Mass Notification per UFC 4-021-01
Power		Provide Power Systems per UFC 3-520-01
Lighting		Provide lighting and controls in accordance with UFC 3-530-01, 3-4.2 Individual Offices
Communication	Tele/Data	Provide telecommunications design in accordance with UFC 3-580-01. Provide a SIPR drop.
	CCTV	N/A
	CATV	Provide CATV jack at flat panel locations
	Security	N/A
Acoustical		Per UFC 3-450-01 for noise control
Furnishings/Equipment/ Casework		(1) double pedestal desk with credenza/hutch, executive chair, (2) guest chairs, cork board, marker board, 4 gal trash can, 4 gal recycle bin
Special Requirements		

Figure A21		Commander Storage/Print
Description/Usage		Administrative storage and print/copy space for the Commander's Suite. This can be an enclosed room or collocated with the Commander Admin Area.
Ceiling Height		9'-0"
Windows		Daylighting
Doors	Type	Solid Core Wood, 3'x7'
	Security/ Hardware	Keyed lockset
	View Panels/ Kick-Plates	Kick-plates
Finishes	Walls	Painted GWB
	Floor	Carpet Tiles
	Base	Resilient Base
	Ceiling	ACT
Plumbing		N/A
HVAC		Provide Heating, Ventilating and Air Conditioning Systems per UFC 3-410-01
Fire Protection / Alarm / Mass Notification Systems		Provide Fire Protection / Fire Alarm per UFC 3-600-01. Provide Mass Notification per UFC 4-021-01
Power		Provide Power Systems per UFC 3-520-01
Lighting		Provide lighting and controls in accordance with UFC 3-530-01, 3-3.4 Storage Rooms
Communication	Tele/Data	Provide telecommunications design in accordance with UFC 3-580-01
	CCTV	N/A
	CATV	N/A
	Security	N/A
Acoustical		Per UFC 3-450-01 for noise control
Furnishings/Equipment/ Casework		Upper and Lower cabinets with solid surface top with integral 4" backsplash.
Special Requirements		Provide dust control as needed to meet sustainability requirements.

Figure A22		Flight Commander Office
Description/Usage		(1) Flight Commander Office is required for each Flight. The Flight Commander Office should have physical access to Flight Ops Open Office and be adjacent to Flight Chief Office and Flight Briefing Room.
Ceiling Height		9'-0"
Windows		Daylighting
Doors	Type	Solid Core Wood, 3'x7'
	Security/ Hardware	Keyed lockset
	View Panels/ Kick-Plates	Kick-plates
Finishes	Walls	Painted GWB
	Floor	Carpet Tiles
	Base	Resilient Base
	Ceiling	ACT
Plumbing		N/A
HVAC		Provide Heating, Ventilating and Air Conditioning Systems per UFC 3-410-01
Fire Protection / Alarm / Mass Notification Systems		Provide Fire Protection / Fire Alarm per UFC 3-600-01. Provide Mass Notification per UFC 4-021-01
Power		Provide Power Systems per UFC 3-520-01
Lighting		Provide lighting and controls in accordance with UFC 3-530-01, 3-4.2 Individual Offices
Communication	Tele/Data	Provide telecommunications design in accordance with UFC 3-580-01
	CCTV	N/A
	CATV	Provide CATV jack at flat panel locations
	Security	N/A
Acoustical		Per UFC 3-450-01 for noise control
Furnishings/Equipment/ Casework		(1) double pedestal desk with credenza/hutch, executive chair, (2) guest chairs, cork board, marker board, 4 gal trash can, 4 gal recycle bin
Special Requirements		

Figure A23		Flight Operations Open Office
Description/Usage		An Open Office space planned for 37 personnel. This open office will house both personnel working full day shifts as well as personnel that will be completing 1-2 hours' worth of administrative work a day. (1) Flight Operations Open Office is needed for each Flight. Provide physical access from Flight Commander Office, Flight Chief Office and Flight Briefing Room.
Ceiling Height		9'-0"
Windows		Daylighting
Doors	Type	Solid Core Wood, 3'x7'
	Security/ Hardware	Keyed lockset
	View Panels/ Kick-Plates	Kick-plates
Finishes	Walls	Painted GWB
	Floor	VCT or sealed concrete
	Base	Resilient Base
	Ceiling	ACT
Plumbing		N/A
HVAC		Provide Heating, Ventilating and Air Conditioning Systems per UFC 3-410-01
Fire Protection / Alarm / Mass Notification Systems		Provide Fire Protection / Fire Alarm per UFC 3-600-01. Provide Mass Notification per UFC 4-021-01
Power		Provide Power Systems per UFC 3-520-01
Lighting		Provide lighting and controls in accordance with UFC 3-530-01, 3-4.4 or 3-4.5 Open Offices
Communication	Tele/Data	Provide infrastructure for smartboards, flat panels, and AV system. Provide telecommunications design in accordance with UFC 3-580-01
	CCTV	N/A
	CATV	Provide CATV jack at flat panel locations
	Security	N/A
Acoustical		Per UFC 3-450-01 for noise control
Furnishings/Equipment/ Casework		(25) 2'x4' desks, (12) 2'x3' "hot" desks for temporary tasks, (37) task chairs, (1) 6-person table/lay space, cork board, marker board, 4 gal trash can/desk, 4 gal recycle bin/desk
Special Requirements		

Figure A24		Flight Chief Office
Description/Usage		(1) Flight Chief Office is required for each Flight. Provide physical access to Flight Operations Open Office and locate adjacent to Flight Commander Office and Flight Briefing Room.
Ceiling Height		9'-0"
Windows		Daylighting
Doors	Type	Solid Core Wood, 3'x7'
	Security/ Hardware	Keyed lockset
	View Panels/ Kick-Plates	Kick-plates
Finishes	Walls	Painted GWB
	Floor	Carpet Tiles
	Base	Resilient Base
	Ceiling	ACT
Plumbing		N/A
HVAC		Provide Heating, Ventilating and Air Conditioning Systems per UFC 3-410-01
Fire Protection / Alarm / Mass Notification Systems		Provide Fire Protection / Fire Alarm per UFC 3-600-01. Provide Mass Notification per UFC 4-021-01
Power		Provide Power Systems per UFC 3-520-01
Lighting		Provide lighting and controls in accordance with UFC 3-530-01, 3-4.2 Individual Offices
Communication	Tele/Data	Provide telecommunications design in accordance with UFC 3-580-01
	CCTV	N/A
	CATV	Provide CATV jack at flat panel locations
	Security	N/A
Acoustical		Per UFC 3-450-01 for noise control
Furnishings/Equipment/ Casework		(1) double pedestal desk with credenza/hutch, ergonomic task chair, (2) guest chairs, cork board, marker board, 4 gal trash can, 4 gal recycle bin
Special Requirements		

Figure A25		Flight Briefing Room
Description/Usage		One (1) Briefing Room is required within each Flight Ops Suite. Briefing rooms are for small personnel meetings up to 8 people. Provide physical access to Flight Operations Open Office and locate adjacent to Flight Commander Office and Flight Chief Office.
Ceiling Height		9'-0"
Windows		Daylighting
Doors	Type	Solid Core Wood, 3'x7'
	Security/ Hardware	Keyed lockset
	View Panels/ Kick-Plates	Kick-plates
Finishes	Walls	Painted GWB
	Floor	Carpet Tiles
	Base	Resilient Base
	Ceiling	ACT
Plumbing		N/A
HVAC		Provide Heating, Ventilating and Air Conditioning Systems per UFC 3-410-01
Fire Protection / Alarm / Mass Notification Systems		Provide Fire Protection / Fire Alarm per UFC 3-600-01. Provide Mass Notification per UFC 4-021-01
Power		Provide Power Systems per UFC 3-520-01
Lighting		Provide lighting and controls in accordance with UFC 3-530-01, 3-4.2 Individual Offices
Communication	Tele/Data	Provide telecommunications design in accordance with UFC 3-580-01
	CCTV	N/A
	CATV	Provide CATV jack at flat panel locations
	Security	N/A
Acoustical		Per UFC 3-450-01 for noise control
Furnishings/Equipment/ Casework		(1) Eight-person meeting table, (8) task chairs, cork board, marker board, 4 gal trash can, 4 gal recycle bin
Special Requirements		

Figure A26		Operations Support Open Office
Description/Usage		This open office will provide administrative space for a Scheduler, a Resource Advisor, a Stan/Eval, Supply, SARM and a Training Program Manager (TPM). This group provides support for the Flight Operations Suites and should be located convenient to all Flights, the Operations Superintendent, and the Director of Operations Office.
Ceiling Height		9'-0"
Windows		Daylighting
Doors	Type	Solid Core Wood, 3'x7'
	Security/ Hardware	Keyed lockset
	View Panels/ Kick-Plates	Kick-plates
Finishes	Walls	Painted GWB
	Floor	VCT or sealed concrete
	Base	Resilient Base
	Ceiling	ACT
Plumbing		N/A
HVAC		Provide Heating, Ventilating and Air Conditioning Systems per UFC 3-410-01
Fire Protection / Alarm / Mass Notification Systems		Provide Fire Protection / Fire Alarm per UFC 3-600-01. Provide Mass Notification per UFC 4-021-01
Power		Provide Power Systems per UFC 3-520-01
Lighting		Provide lighting and controls in accordance with UFC 3-530-01, 3-4.4 or 3-4.5 Open Offices
Communication	Tele/Data	Provide telecommunications design in accordance with UFC 3-580-01. Provide 1 SIPR drop
	CCTV	N/A
	CATV	Provide CATV jack at flat panel locations
	Security	N/A
Acoustical		Per UFC 3-450-01 for noise control
Furnishings/Equipment/ Casework		(6) systems furniture workstations, (6) task chairs, cork board, marker board, 4 gal trash can/desk, 4 gal recycle bin/desk
Special Requirements		

Figure A27		Filing / Storage / Print
Description/Usage		Provide dedicated space for printing, files and storage for the Operations Support Flight. This space should be collocated with Operations Support Open Office.
Ceiling Height		9'-0"
Windows		N/A
Doors	Type	Solid Core Wood, 3'x7'
	Security/ Hardware	Keyed lockset (as needed)
	View Panels/ Kick-Plates	Kick-plates
Finishes	Walls	Painted GWB
	Floor	VCT or sealed concrete
	Base	Resilient Base
	Ceiling	ACT
Plumbing		N/A
HVAC		Provide Heating, Ventilating and Air Conditioning Systems per UFC 3-410-01
Fire Protection / Alarm / Mass Notification Systems		Provide Fire Protection / Fire Alarm per UFC 3-600-01. Provide Mass Notification per UFC 4-021-01
Power		Provide Power Systems per UFC 3-520-01
Lighting		Provide lighting and controls in accordance with UFC 3-530-01, 3-4.4 or 3-4.5 Open Offices
Communication	Tele/Data	Provide telecommunications design in accordance with UFC 3-580-01
	CCTV	N/A
	CATV	N/A
	Security	N/A
Acoustical		Per UFC 3-450-01 for noise control
Furnishings/Equipment/ Casework		Floor stand printer. Upper and lower cabinets.
Special Requirements		Provide dust control as needed to meet sustainable requirements.

Figure A28		Director of Operations Office
Description/Usage		Private office space for the Director of Operations located convenient to the Operations Support Open Office and adjacent to the Operations Superintendent.
Ceiling Height		9'-0"
Windows		Daylighting
Doors	Type	Solid Core Wood, 3'x7'
	Security/ Hardware	Keyed lockset
	View Panels/ Kick-Plates	Kick-plates
Finishes	Walls	Painted GWB
	Floor	Carpet Tiles
	Base	Resilient Base
	Ceiling	ACT
Plumbing		N/A
HVAC		Provide Heating, Ventilating and Air Conditioning Systems per UFC 3-410-01
Fire Protection / Alarm / Mass Notification Systems		Provide Fire Protection / Fire Alarm per UFC 3-600-01. Provide Mass Notification per UFC 4-021-01
Power		Provide Power Systems per UFC 3-520-01
Lighting		Provide lighting and controls in accordance with UFC 3-530-01, 3-4.2 Individual Offices
Communication	Tele/Data	Provide telecommunications design in accordance with UFC 3-580-01. Provide a SIPR drop.
	CCTV	N/A
	CATV	Provide CATV jack at flat panel locations
	Security	N/A
Acoustical		Per UFC 3-450-01 for noise control
Furnishings/Equipment/ Casework		(1) double pedestal desk with credenza/hutch, executive chair, (2) guest chairs, cork board, marker board, 4 gal trash can, 4 gal recycle bin
Special Requirements		

Figure A29		Operations Superintendent Office
Description/Usage		Private office space for the Operations Superintendent located convenient to the Operations Support Open Office and adjacent to the Director of Operations Office.
Ceiling Height		9'-0"
Windows		Daylighting
Doors	Type	Solid Core Wood, 3'x7'
	Security/ Hardware	Keyed lockset
	View Panels/ Kick-Plates	Kick-plates
Finishes	Walls	Painted GWB
	Floor	Carpet Tiles
	Base	Resilient Base
	Ceiling	ACT
Plumbing		N/A
HVAC		Provide Heating, Ventilating and Air Conditioning Systems per UFC 3-410-01
Fire Protection / Alarm / Mass Notification Systems		Provide Fire Protection / Fire Alarm per UFC 3-600-01. Provide Mass Notification per UFC 4-021-01
Power		Provide Power Systems per UFC 3-520-01
Lighting		Provide lighting and controls in accordance with UFC 3-530-01, 3-4.2 Individual Offices
Communication	Tele/Data	Provide telecommunications design in accordance with UFC 3-580-01
	CCTV	N/A
	CATV	Provide CATV jack at flat panel locations
	Security	N/A
Acoustical		Per UFC 3-450-01 for noise control
Furnishings/Equipment/ Casework		(1) double pedestal desk with credenza/hutch, ergonomic task chair, (2) guest chairs, cork board, marker board, 4 gal trash can, 4 gal recycle bin
Special Requirements		

Figure B1		Multi-Purpose Room
Description/Usage		Multi-Purpose room will be located near the Commander's Suite and used for presentations, announcements, special events etc. to accommodate a minimum of 120 seated personnel.
Ceiling Height		15'-0" minimum
Windows		Daylighting
Doors	Type	Solid Core Wood, 3'x7'
	Security/ Hardware	Keyed lockset
	View Panels/ Kick-Plates	Kick-plates
Finishes	Walls	Painted GWB
	Floor	Carpet Tiles
	Base	Resilient Base
	Ceiling	ACT
Plumbing		N/A
HVAC		Provide Heating, Ventilating and Air Conditioning Systems per UFC 3-410-01
Fire Protection / Alarm / Mass Notification Systems		Provide Fire Protection / Fire Alarm per UFC 3-600-01. Provide Mass Notification per UFC 4-021-01
Power		Provide Power Systems per UFC 3-520-01
Lighting		Provide lighting and controls in accordance with UFC 3-530-01, 3-4.4 or 3-4.5 Open Offices
Communication	Tele/Data	Provide AV rack for AV equipment. Provide infrastructure for smartboards, flat panels, and AV system. Provide telecommunications design in accordance with UFC 3-580-01. Provide SIPR jack in PDS at AV rack and at presentation locations.
	CCTV	N/A
	CATV	Provide CATV jack at AV rack.
	Security	N/A
Acoustical		Per UFC 3-450-01 for noise control
Furnishings/Equipment/ Casework		(12) Nesting tables and (120) stacking chairs, large smart board, podium, (1) computer desk, (1) task chair
Special Requirements		Elevated stage.

Figure B2		Multi-Purpose Storage
Description/Usage		The Multi-Purpose storage room will house nested tables and/or stacking chairs when they are not in use. Direct access to Mission Planning Room.
Ceiling Height		9'-0"
Windows		N/A
Doors	Type	Solid Core Wood, 3'x7'
	Security/ Hardware	Keyed lockset
	View Panels/ Kick-Plates	Kick-plates
Finishes	Walls	Painted GWB
	Floor	Carpet Tiles
	Base	Resilient Base
	Ceiling	ACT
Plumbing		N/A
HVAC		Provide Heating, Ventilating and Air Conditioning Systems per UFC 3-410-01
Fire Protection / Alarm / Mass Notification Systems		Provide Fire Protection / Fire Alarm per UFC 3-600-01. Provide Mass Notification per UFC 4-021-01
Power		Provide Power Systems per UFC 3-520-01
Lighting		Provide lighting and controls in accordance with UFC 3-530-01, 3-3.4 Storage Rooms
Communication	Tele/Data	Provide telecommunications design in accordance with UFC 3-580-01
	CCTV	N/A
	CATV	N/A
	Security	N/A
Acoustical		Per UFC 3-450-01 for noise control
Furnishings/Equipment/ Casework		(12) Nesting tables and (120) stacking chairs
Special Requirements		

Figure B3		Heritage Room
Description/Usage		The Heritage room will function as a space for personnel and their families to congregate and celebrate special events. Will also function as a facility break room. The Heritage Room should be placed on an exterior wall to allow for a non-covered patio, where climates allow. Locate adjacent to Commander's Suite and Mission Planning Room.
Ceiling Height		15'-0" minimum
Windows		Daylighting
Doors	Type	Solid Core Wood, 3'x7'
	Security/Hardware	Keyed lockset
	View Panels/Kick-Plates	Kick-plates View panel
Finishes	Walls	Painted GWB
	Floor	Ceramic or porcelain Tile
	Base	Tile Cove Base to match floor
	Ceiling	Painted GWB or ACT
Plumbing		Per UFC 3-420-01- Plumbing Systems. Provide wall box with shutoff valves for refrigerator and coffee maker. Provide domestic water supply (cold and hot water) and sanitary sewer connection for sink.
HVAC		Provide Heating, Ventilating and Air Conditioning Systems per UFC 3-410-01
Fire Protection / Alarm / Mass Notification Systems		Provide Fire Protection / Fire Alarm per UFC 3-600-01. Provide Mass Notification per UFC 4-021-01
Power		Provide Power Systems per UFC 3-520-01. Provide dedicated branch circuits for kitchen equipment.
Lighting		Provide lighting and controls in accordance with UFC 3-530-01, 3-4.9 Ceremonial Areas.
Communication	Tele/Data	Provide telecommunications design in accordance with UFC 3-580-01
	CCTV	N/A
	CATV	Provide CATV jack at flat panel locations
	Security	N/A
Acoustical		Per UFC 3-450-01 for noise control
Furnishings/Equipment/Casework		Refrigerator, range/oven/hood, Microwave, Coffee machine, dual-compartment Stainless Steel Sink Built in counter with backsplash, upper and lower cabinets, cork board, dry erase board, wall clock, 23 gal trash can with lid, 23 gal recycle bin
Special Requirements		

Figure B4		Recycle / Vending
Description/Usage		Two (2) Recycle and vending areas for personnel. Locate one adjacent to Individual Tactical Equipment Storage and one convenient to the Heritage Room
Ceiling Height		9'-0"
Windows		Daylighting
Doors	Type	Solid Core Wood, 3'x7'
	Security/ Hardware	Passage set
	View Panels/ Kick-Plates	Kick-plates View panel
Finishes	Walls	Painted GWB
	Floor	Ceramic or porcelain Tile
	Base	Tile Cove Base to match floor
	Ceiling	Painted GWB or ACT
Plumbing		Provide water line, floor drain at ice maker per UFC 3-420-01-Plumbing Systems
HVAC		Provide Heating, Ventilating and Air Conditioning Systems per UFC 3-410-01
Fire Protection / Alarm / Mass Notification Systems		Provide Fire Protection / Fire Alarm per UFC 3-600-01. Provide Mass Notification per UFC 4-021-01
Power		Provide Power Systems per UFC 3-520-01
Lighting		Provide lighting and controls in accordance with UFC 3-530-01, 3-4.2 Individual Offices
Communication	Tele/Data	Provide telecommunications design in accordance with UFC 3-580-01
	CCTV	N/A
	CATV	N/A
	Security	N/A
Acoustical		Per UFC 3-450-01 for noise control
Furnishings/Equipment/ Casework		(2)50 Gal. Recycling bins, (1) beverage vending machine, (1) food vending machine, (1) freestanding ice maker.
Special Requirements		

Figure B5		Vestibule
Description/Usage		The Vestibule will serve as the entrance point to the administrative portion of the facility. It should be located adjacent to the Commander's Suite.
Ceiling Height		9'-0"
Windows		Daylighting, ALSF
Doors	Type	Aluminum Storefront
	Security/ Hardware	Keyed lockset Access card reader
	View Panels/ Kick-Plates	Kick-plates
Finishes	Walls	Painted GWB
	Floor	Porcelain Tile, Recessed entrance mat
	Base	Tile Cove Base to match tile floor
	Ceiling	Painted GWB
Plumbing		N/A
HVAC		Provide Heating, Ventilating and Air Conditioning Systems per UFC 3-410-01
Fire Protection / Alarm / Mass Notification Systems		Provide Fire Protection / Fire Alarm per UFC 3-600-01. Provide Mass Notification per UFC 4-021-01
Power		Provide Power Systems per UFC 3-520-01
Lighting		Provide lighting and controls in accordance with UFC 3-530-01, 3-4.1 Large Lobbies
Communication	Tele/Data	Provide telecommunications design in accordance with UFC 3-580-01
	CCTV	N/A
	CATV	Provide CATV jack for flat panel if available
	Security	Provide access control on exterior doors. Provide electronic security system in accordance with UFC 4-021-02.
Acoustical		Per UFC 3-450-01 for noise control
Furnishings/Equipment/ Casework		Chain of Command Display (framed images)
Special Requirements		

Figure C1		Bench Stock Storage
Description/Usage		Spare parts storage room, to be located adjacent to Vehicle Maintenance bays and the Radio Maintenance bay.
Ceiling Height		12'-0" Minimum
Windows		N/A
Doors	Type	Hollow Metal, 3'x7'
	Security/ Hardware	Keyed lockset
	View Panels/ Kick-Plates	N/A
Finishes	Walls	Painted CMU
	Floor	Sealed Concrete
	Base	N/A
	Ceiling	Exposed to Structure
Plumbing		N/A
HVAC		Provide Heating, Ventilating and Air Conditioning Systems per UFC 3-410-01
Fire Protection / Alarm / Mass Notification Systems		Provide Fire Protection / Fire Alarm per UFC 3-600-01. Provide Mass Notification per UFC 4-021-01
Power		Provide Power Systems per UFC 3-520-01
Lighting		Provide lighting and controls in accordance with UFC 3-530-01, 3-3.4 Storage Rooms
Communication	Tele/Data	Provide telecommunications design in accordance with UFC 3-580-01
	CCTV	N/A
	CATV	N/A
	Security	N/A
Acoustical		Per UFC 3-450-01 for noise control
Furnishings/Equipment/ Casework		Industrial-type open shelving.
Special Requirements		

Figure C2		Battery Room
Description/Usage		Storage for lithium ion, wet and standard batteries. Locate adjacent to the Radio Maintenance work center. Provide direct access from Vehicle Maintenance Bay.
Ceiling Height		9'-0"
Windows		N/A
Doors	Type	Hollow Metal, 3'x7'
	Security/ Hardware	Keyed lockset
	View Panels/ Kick-Plates	N/A
Finishes	Walls	Painted CMU
	Floor	Sealed Concrete
	Base	N/A
	Ceiling	Exposed to Structure
Plumbing		Provide plumbing systems per UFC 3-4210-01- Plumbing Systems. Provide emergency shower and eyewash per the requirements of ANSI Z358.1.
HVAC		Provide Heating, Ventilating and Air Conditioning Systems per UFC 3-410-01 and UFC 3-520-05- Stationary Battery Areas, Army Battery Safety Reference Guide
Fire Protection / Alarm / Mass Notification Systems		Provide Fire Protection / Fire Alarm per UFC 3-600-01. Provide Mass Notification per UFC 4-021-01
Power		Provide Power Systems per UFC 3-520-01. Provide outlets at various heights to accommodate shelves to charge batteries and equipment.
Lighting		Provide lighting and controls in accordance with UFC 3-530-01, 3-3.4 Storage Rooms
Communication	Tele/Data	Provide telecommunications design in accordance with UFC 3-580-01
	CCTV	N/A
	CATV	N/A
	Security	N/A
Acoustical		Per UFC 3-450-01 for noise control
Furnishings/Equipment/ Casework		Storage Racks, refrigerated storage cabinet
Special Requirements		Provide emergency Eye wash station required.

Figure C3		Mobility Readiness Spare Parts (MRSP) Storage
Description/Usage		Spare parts storage. Locate adjacent to vehicle maintenance bays.
Ceiling Height		12'-0" Minimum
Windows		Daylighting
Doors	Type	Hollow Metal, 3'x7'
	Security/ Hardware	Keyed lockset
	View Panels/ Kick-Plates	N/A
Finishes	Walls	Painted CMU
	Floor	Sealed Concrete
	Base	N/A
	Ceiling	Exposed to Structure
Plumbing		N/A
HVAC		Provide Heating, Ventilating and Air Conditioning Systems per UFC 3-410-01
Fire Protection / Alarm / Mass Notification Systems		Provide Fire Protection / Fire Alarm per UFC 3-600-01. Provide Mass Notification per UFC 4-021-01
Power		Provide Power Systems per UFC 3-520-01
Lighting		Provide lighting and controls in accordance with UFC 3-530-01, 3-3.4 Storage Rooms
Communication	Tele/Data	Provide telecommunications design in accordance with UFC 3-580-01
	CCTV	N/A
	CATV	N/A
	Security	N/A
Acoustical		Per UFC 3-450-01 for noise control
Furnishings/Equipment/ Casework		Pallet Rack System
Special Requirements		

Figure C4		Radio Maintenance Field Equipment Storage
Description/Usage		Equipment storage for Radio Maintenance. Locate adjacent to Radio Maintenance Work Center.
Ceiling Height		12'-0" Minimum
Windows		N/A
Doors	Type	Solid Core Wood, 3'x7'
	Security/ Hardware	Keyed lockset
	View Panels/ Kick-Plates	N/A
Finishes	Walls	CMU
	Floor	Sealed Concrete
	Base	Resilient Base
	Ceiling	Exposed to Structure
Plumbing		N/A
HVAC		Provide Heating, Ventilating and Air Conditioning Systems per UFC 3-410-01
Fire Protection / Alarm / Mass Notification Systems		Provide Fire Protection / Fire Alarm per UFC 3-600-01. Provide Mass Notification per UFC 4-021-01
Power		Provide Power Systems per UFC 3-520-01
Lighting		Provide lighting and controls in accordance with UFC 3-530-01, 3-3.4 Storage Rooms
Communication	Tele/Data	Provide telecommunications design in accordance with UFC 3-580-01
	CCTV	N/A
	CATV	N/A
	Security	N/A
Acoustical		Per UFC 3-450-01 for noise control
Furnishings/Equipment/ Casework		Open Shelving
Special Requirements		

Figure C5		Radio Maintenance Work Center
Description/Usage		Maintenance operations center for radio equipment. Must be adjacent to Vehicle Maintenance Bays, Battery Room, Radio Maintenance functions and locate convenient to maintenance offices. Provide infrastructure from the Radio Maintenance Work Center to an adjacent exterior antenna yard.
Ceiling Height		12'-0"
Windows		Daylighting
Doors	Type	Solid Core Wood, 3'x7'
	Hardware	Keyed lockset
	View Panels/ Kick-Plates	N/A
Finishes	Walls	Painted GWB or CMU
	Floor	Sealed Concrete
	Base	Resilient Base
	Ceiling	Exposed to Structure or ACT
Plumbing		Provide plumbing systems per UFC 3-420-01- Plumbing Systems. Provide compressed air outlets at each bench with gauges and regulator (normal range between 15-40 PSI, to be confirmed with user).
HVAC		Provide Heating, Ventilating and Air Conditioning Systems per UFC 3-410-01. Provide wall-mounted exhaust vents above workbenches to remove chemical fumes.
Fire Protection / Alarm / Mass Notification Systems		Provide Fire Protection / Fire Alarm per UFC 3-600-01. Provide Mass Notification per UFC 4-021-01
Power		Provide a surface mounted ground bus with a bare copper grounding conductor connecting the ground bus to the facility grounding system. Provide ground bus on walls where benches will be placed. Provide Power Systems per UFC 3-520-01.
Lighting		Provide lighting and controls in accordance with UFC 3-530-01, 3-4.4 or 3-4.5 Open Offices
Communication	Tele/Data	Provide infrastructure from Radio Maintenance Work Center to exterior of facility antenna yard. Provide telecommunications design in accordance with UFC 3-580-01
	CCTV	N/A
	CATV	N/A
	Security	N/A
Acoustical		Per UFC 3-450-01 for noise control
Furnishings/Equipment/ Casework		(8) grounded and powered standing height workbenches, (8) work stools, (x) rolling storage boxes, wall clock, 50-gal trash can, 50-gal recycle bin
Special Requirements		

Figure C6		Vehicle Maintenance Bays
Description/Usage		Four (4) Maintenance Bays are required per squadron. A pass-through design is preferred to stack vehicles and drive through the maintenance bays. It should be located adjacent to Bench Stock Storage, MRSP Storage, Radio Maintenance Work Center, Tire Shop, and the Men's and Women's Maintenance Restrooms/Showers/Lockers; and should have direct access to the Battery Room and Vehicle Battery Charging Room; and be convenient to all other Maintenance Areas.
Ceiling Height		18'-0" Minimum
Windows		Daylighting, clerestory
Doors	Type	Solid Core Wood, 3'0" x 7'-0" Insulated/Hollow Metal, 3'x7' Overhead Steel Door, 14'-0" x 14'-0"
	Security/ Hardware	Keyed lockset
	View Panels/ Kick-Plates	N/A
Finishes	Walls	Painted CMU
	Floor	Sealed Concrete
	Base	Resilient Base
	Ceiling	Exposed to Structure
Plumbing		Provide plumbing per UFC 3-420-01. At a minimum, provide the following in the Vehicle Maintenance bays: <ol style="list-style-type: none"> 1. Hi/Lo pressure compressed air outlets with inline pressure regulators and 50 to 100 ft compressed air hose reels. Normal working pressure 15-100 PSI, to be confirmed with owner. A minimum of 2 outlets is required per bay. 2. Provide trench drains at vehicle maintenance bay entrance doors. Route drainage to an oil water separator draining to the sanitary sewer system. 3. Provide one hose bibb per bay. 4. Provide emergency eye wash stations in the vehicle maintenance bays per the minimum requirements of ANSI Z358.1

HVAC		<p>Provide Heating, Ventilating and Air Conditioning Systems compliant with UFC 3-410-01. Lifecycle cost analysis is required for HVAC system selections. At a minimum, provide the following in the Vehicle Maintenance Bays:</p> <ol style="list-style-type: none"> 1. Locate air intakes for air compressors away from contaminated air sources, vehicle exhaust fumes and mechanical equipment exhaust. 2. Provide general ventilation as required for make-up air of all exhaust systems and in compliance with ASHRAE 62.1. 3. Provide vehicle exhaust hose reels at each bay.
Fire Protection / Alarm / Mass Notification Systems		Provide Fire Protection / Fire Alarm per UFC 3-600-01. Provide Mass Notification per UFC 4-021-01
Power		Provide charging for electric forklifts. Provide grounding bus bars on both sides of bay. Provide Power Systems per UFC 3-520-01.
Lighting		Provide lighting and controls in accordance with UFC 3-530-01, 3-9.1 Vehicle Maintenance Areas. Provide lighting in overhangs.
Communication	Tele/Data	Provide telecommunications design in accordance with UFC 3-580-01
	CCTV	N/A
	CATV	N/A
	Security	N/A
Acoustical		Per UFC 3-450-01 for noise control
Furnishings/Equipment/Casework		
Special Requirements		No maintenance pits are required.

Figure C7		LOGDET Storage
Description/Usage		Climate controlled storage for ASOC, adjacent to loading area, can accommodate 1 covered vehicle at a time with space for 140 pallets. Provide a pass-through configuration for better efficiency. Should be located adjacent to Vehicle Maintenance Bays.
Ceiling Height		Minimum 18'-0" Clear
Windows		N/A
Doors	Type	Insulated/Hollow Metal, 3'x7' Overhead Steel Door 14'-0" X 14'-0"
	Security/ Hardware	Keyed lockset
	View Panels/ Kick-Plates	N/A
Finishes	Walls	Painted CMU
	Floor	Sealed Concrete
	Base	N/A
	Ceiling	Exposed to Structure
Plumbing		N/A
HVAC		Provide Heating, Ventilating and Air Conditioning Systems per UFC 3-410-01
Fire Protection / Alarm / Mass Notification Systems		Provide Fire Protection / Fire Alarm per UFC 3-600-01. Provide Mass Notification per UFC 4-021-01
Power		Provide Power Systems per UFC 3-520-01
Lighting		Provide lighting and controls in accordance with UFC 3-530-01, 3-3.4 Storage Rooms
Communication	Tele/Data	Provide telecommunications design in accordance with UFC 3-580-01
	CCTV	N/A
	CATV	N/A
	Security	N/A
Acoustical		Per UFC 3-450-01 for noise control
Furnishings/Equipment/ Casework		(1) Workstation, (1) ergonomic task chair, (4) workbenches, (4) work stools
Special Requirements		Isles and turning radii to accommodate a 10K forklift

Figure C8		Maintenance Equipment Storage
Description/Usage		Adjacent to exterior military vehicle yard. Provide direct access from Vehicle Maintenance Bays.
Ceiling Height		Minimum 12'-0" Clear
Windows		N/A
Doors	Type	Insulated/Hollow Metal, 3'x7'
	Security/Hardware	Keyed lockset
	View Panels/Kick-Plates	N/A
Finishes	Walls	Painted CMU
	Floor	Sealed Concrete
	Base	
	Ceiling	Exposed to Structure
Plumbing		N/A
HVAC		Provide Heating, Ventilating and Air Conditioning Systems per UFC 3-410-01
Fire Protection / Alarm / Mass Notification Systems		Provide Fire Protection / Fire Alarm per UFC 3-600-01. Provide Mass Notification per UFC 4-021-01
Power		Provide Power Systems per UFC 3-520-01
Lighting		Provide lighting and controls in accordance with UFC 3-530-01, 3-3.4 Storage Rooms
Communication	Tele/Data	Provide telecommunications design in accordance with UFC 3-580-01
	CCTV	N/A
	CATV	N/A
	Security	N/A
Acoustical		Per UFC 3-450-01 for noise control
Furnishings/Equipment/Casework		Provide high-efficiency, lockable roller storage.
Special Requirements		

Figure C9		Tire Shop
Description/Usage		Tire storage and maintenance. Provide direct access to Vehicle Maintenance Bays.
Ceiling Height		12'-0" Minimum
Windows		Daylighting
Doors	Type	Insulated/Hollow Metal, 3'x7'
	Security/Hardware	Keyed lockset
	View Panels/Kick-Plates	N/A
Finishes	Walls	Painted CMU
	Floor	Sealed Concrete
	Base	N/A
	Ceiling	Exposed to Structure
Plumbing		N/A
HVAC		Provide Heating, Ventilating and Air Conditioning Systems per UFC 3-410-01
Fire Protection / Alarm / Mass Notification Systems		Provide Fire Protection / Fire Alarm per UFC 3-600-01. Provide Mass Notification per UFC 4-021-01
Power		Provide Power Systems per UFC 3-520-01
Lighting		Provide lighting and controls in accordance with UFC 3-530-01, 3-9.3 Motorpools
Communication	Tele/Data	Provide telecommunications design in accordance with UFC 3-580-01
	CCTV	N/A
	CATV	N/A
	Security	N/A
Acoustical		Per UFC 3-450-01 for noise control
Furnishings/Equipment/Casework		Tire changer, wheel balancer, air compressor, tool chest, parts storage.
Special Requirements		

Figure C10		Vehicle Battery Charging Room
Description/Usage		Storage for multi-battery charging/restoration system for vehicle batteries. Provide direct access from Vehicle Maintenance Bay.
Ceiling Height		9'-0"
Windows		N/A
Doors	Type	Hollow Metal, 3'x7'
	Security/ Hardware	Keyed lockset
	View Panels/ Kick-Plates	N/A
Finishes	Walls	Painted CMU
	Floor	Sealed Concrete
	Base	N/A
	Ceiling	Exposed to Structure
Plumbing		Provide plumbing systems per UFC 3-4210-01- Plumbing Systems. Provide emergency shower and eyewash per the requirements of ANSI Z358.1.
HVAC		Provide Heating, Ventilating and Air Conditioning Systems per UFC 3-410-01 and UFC 3-520-05- Stationary Battery Areas, Army Battery Safety Reference Guide
Fire Protection / Alarm / Mass Notification Systems		Provide Fire Protection / Fire Alarm per UFC 3-600-01. Provide Mass Notification per UFC 4-021-01
Power		Provide Power Systems per UFC 3-520-01. Provide outlets at various heights to accommodate shelves to charge batteries and equipment.
Lighting		Provide lighting and controls in accordance with UFC 3-530-01, 3-9.3 Motorpools
Communication	Tele/Data	Provide telecommunications design in accordance with UFC 3-580-01
	CCTV	N/A
	CATV	N/A
	Security	N/A
Acoustical		Per UFC 3-450-01 for noise control
Furnishings/Equipment/ Casework		
Special Requirements		Provide emergency Eye wash station required. Locate on an exterior wall

Figure D1		JTAC Simulator Suite
Description/Usage		Training simulator be located adjacent to a briefing room and convenient to the Mission Planning Center. Provide controlled access.
Ceiling Height		Minimum 12'-0" Clear
Windows		N/A
Doors	Type	Solid Core Wood, 3'x7'
	Security/ Hardware	Keyed lockset
	View Panels/ Kick-Plates	Kick-Plates
Finishes	Walls	Painted GWB (Black)
	Floor	Rubber Floor Tiles
	Base	Resilient Base
	Ceiling	ACT (Black)
Plumbing		N/A
HVAC		Provide Heating, Ventilating and Air Conditioning Systems per UFC 3-410-01. CRAC or dedicated units shall be provided for process load cooling. The expected cooling load, including 3 students and 3 IOS personnel is approximately 50,700 BTUH. The HVAC requirement for the SIM Suite will require ambient temperatures between 59°F and 86°F and a non-condensing humidity between 20% and 80%. Provide psychrometric analysis to ensure that moisture/condensation does not occur. In addition, to ensure the ability to host a DMON portal for DMO operations, the HVAC system must be able to maintain ambient temperatures between 60 deg F and 77 deg F with humidity between 30-80% at all times. It will be the responsibility of the Design Team to obtain the most recent equipment data sheets from the user in order to produce the most accurate load calculations.
Fire Protection / Alarm / Mass Notification Systems		Provide Fire Protection / Fire Alarm per UFC 3-600-01. Provide Mass Notification per UFC 4-021-01
Power		Provide a single point connection for simulator equipment. Estimated power connection is a 4-pole, 5-wire, 208Y/120V, 100A, wall mounted pin and sleeve outlet. Coordinate power supply / requirements with DOME SIM equipment. Provide Emergency Power Off (EPO) button to remove power from DOME SIM. Provide Power Systems per UFC 3-520-01
Lighting		Lighting shall be able to be fully off, no extraneous light sources shall be visible in the space. Provide lighting and controls in accordance with UFC 3-530-01, 3-4.2 or 3-4.3 Individual Offices

Communication	Tele/Data	Route cabling in cable tray. Route Provide telecommunications design in accordance with UFC 3-580-01
	CCTV	N/A
	CATV	N/A
	Security	Provide electronic security system in accordance with UFC 4-021-02
Acoustical		Per UFC 3-450-01 for noise control
Furnishings/Equipment/Casework		12'x3' console, (2) ergonomic task chairs, (3) System Equipment Racks at 28"x36"x74" each, simulator (approximately 22'x25')
Special Requirements		Lockable spare parts storage closet, 4'x3' min.

Figure D2		ASOC Rehearsal Simulator
Description/Usage		Training simulator located adjacent to a briefing room and a White Cell Room, and convenient to the Mission Planning Center. Provide controlled access.
Ceiling Height		Minimum 15'-0" Clear
Windows		N/A
Doors	Type	Solid Core Wood, 3'x7'
	Security/ Hardware	Keyed lockset
	View Panels/ Kick-Plates	Kick-Plates
Finishes	Walls	Painted GWB (Black)
	Floor	Rubber Flooring
	Base	Resilient Base
	Ceiling	ACT (Black)
Plumbing		N/A
HVAC		Provide Heating, Ventilating and Air Conditioning Systems per UFC 3-410-01. CRAC or dedicated units shall be provided to handle process loads
Fire Protection / Alarm / Mass Notification Systems		Provide Fire Protection / Fire Alarm per UFC 3-600-01. Provide Mass Notification per UFC 4-021-01
Power		Provide a single point connection for simulator equipment. Estimated power connection is a 4-pole, 5-wire, 208Y/120V, 100A, wall mounted pin and sleeve outlet. Coordinate power supply / requirements with DOME SIM equipment. Provide Emergency Power Off (EPO) button to remove power from DOME SIM. Provide Power Systems per UFC 3-520-01
Lighting		Provide lighting and controls in accordance with UFC 3-530-01, 3-4.2 or 3-4.3 Individual Offices
Communication	Tele/Data	Route cabling in cable tray. Provide telecommunications design in accordance with UFC 3-580-01
	CCTV	N/A
	CATV	N/A
	Security	Provide electronic security system in accordance with UFC 4-021-02
Acoustical		Per UFC 3-450-01 for noise control
Furnishings/Equipment/ Casework		12'x3' console, (2) ergonomic task chairs, (3) System Equipment Racks at 28"x36"x74" each, simulator (approximately 22'x25')
Special Requirements		Lockable spare parts storage closet, 4'x3' min.

Figure D3		Table Top Simulator
Description/Usage		The Table Top Simulator room will provide space for desk-based simulations and/or debriefing/review of recorded simulations with a trainee and 3 supervisors. Provide controlled access. It should be located convenient to the Simulators, JTAC and ASOC.
Ceiling Height		9'-0"
Windows		Daylighting
Doors	Type	Solid Core Wood, 3'x7'
	Security/ Hardware	Keyed lockset
	View Panels/ Kick-Plates	Kick-Plates
Finishes	Walls	Painted GWB
	Floor	Carpet Tile
	Base	Resilient Base
	Ceiling	ACT
Plumbing		N/A
HVAC		Provide Heating, Ventilating and Air Conditioning Systems per UFC 3-410-01
Fire Protection / Alarm / Mass Notification Systems		Provide Fire Protection / Fire Alarm per UFC 3-600-01. Provide Mass Notification per UFC 4-021-01
Power		Provide Power Systems per UFC 3-520-01
Lighting		Provide lighting and controls in accordance with UFC 3-530-01, 3-4.2 or 3-4.3 Individual Offices
Communication	Tele/Data	Provide infrastructure for smartboards, flat panels, and AV system. Provide telecommunications design in accordance with UFC 3-580-01. Provide SIPR jack in PDS.
	CCTV	N/A
	CATV	N/A
	Security	N/A
Acoustical		Per UFC 3-450-01 for noise control
Furnishings/Equipment/ Casework		Student Station including a 65" monitor and peripherals, a pilot station (48"x32" computer desk with ergonomic chair), an instructor station (48"x32" desk with (2) ergonomic chairs), and a movable systems rack 24"W x 34"D x 25"H
Special Requirements		

Figure D4		Simulator Briefing Room
Description/Usage		Briefing room for up to 6 people located adjacent to the Simulators, JTAC and ASOC. Used for student training pre-brief and debrief purposes.
Ceiling Height		9'-0"
Windows		Daylighting
Doors	Type	Solid Core Wood, 3'x7'
	Security/ Hardware	Keyed lockset
	View Panels/ Kick-Plates	Kick-Plates
Finishes	Walls	Painted GWB
	Floor	VCT
	Base	Resilient Base
	Ceiling	ACT
Plumbing		N/A
HVAC		Provide Heating, Ventilating and Air Conditioning Systems per UFC 3-410-01
Fire Protection / Alarm / Mass Notification Systems		Provide Fire Protection / Fire Alarm per UFC 3-600-01. Provide Mass Notification per UFC 4-021-01
Power		Provide Power Systems per UFC 3-520-01
Lighting		Provide lighting and controls in accordance with UFC 3-530-01, 3-4.2 or 3-4.3 Individual Offices
Communication	Tele/Data	Provide infrastructure for smartboards, flat panels, and AV system. Provide telecommunications design in accordance with UFC 3-580-01
	CCTV	N/A
	CATV	N/A
	Security	N/A
Acoustical		Per UFC 3-450-01 for noise control
Furnishings/Equipment/ Casework		Reconfigurable tables and stackable chairs for 6 personnel in a classroom layout
Special Requirements		Storage closet

Figure D5		Simulator Office
Description/Usage		Shared administrative space for simulator operators. Locate convenient to Simulators.
Ceiling Height		9'-0"
Windows		Daylighting
Doors	Type	Solid Core Wood, 3'x7'
	Security/ Hardware	Keyed lockset
	View Panels/ Kick-Plates	Kick-Plates
Finishes	Walls	Painted GWB
	Floor	Carpet/ Carpet Tiles
	Base	Resilient Base
	Ceiling	ACT
Plumbing		N/A
HVAC		Provide Heating, Ventilating and Air Conditioning Systems per UFC 3-410-01
Fire Protection / Alarm / Mass Notification Systems		Provide Fire Protection / Fire Alarm per UFC 3-600-01. Provide Mass Notification per UFC 4-021-01
Power		Provide Power Systems per UFC 3-520-01
Lighting		Provide lighting and controls in accordance with UFC 3-530-01, 3-4.2 or 3-4.3 Individual Offices
Communication	Tele/Data	Provide telecommunications design in accordance with UFC 3-580-01
	CCTV	N/A
	CATV	N/A
	Security	N/A
Acoustical		Per UFC 3-450-01 for noise control
Furnishings/Equipment/ Casework		(3) L-shaped desks, ergonomic task chairs, cork board, marker board, 4 gal trash can, 4 gal recycle bin
Special Requirements		Number of personnel/office size are based on the number of "types" of Simulators a facility is authorized.

Figure D6		White Cell Room
Description/Usage		White cell room for up to 5 instructors. Provide direct access to the ASOC Rehearsal Simulator.
Ceiling Height		9'-0"
Windows		Daylighting
Doors	Type	Solid Core Wood, 3'x7'
	Security/ Hardware	Keyed lockset
	View Panels/ Kick-Plates	Kick-Plates
Finishes	Walls	Painted GWB
	Floor	VCT
	Base	Resilient Base
	Ceiling	ACT
Plumbing		N/A
HVAC		Provide Heating, Ventilating and Air Conditioning Systems per UFC 3-410-01
Fire Protection / Alarm / Mass Notification Systems		Provide Fire Protection / Fire Alarm per UFC 3-600-01. Provide Mass Notification per UFC 4-021-01
Power		Provide Power Systems per UFC 3-520-01
Lighting		Provide lighting and controls in accordance with UFC 3-530-01, 3-4.2 or 3-4.3 Individual Offices
Communication	Tele/Data	Provide infrastructure for smartboards, flat panels, and AV system. Provide telecommunications design in accordance with UFC 3-580-01
	CCTV	N/A
	CATV	N/A
	Security	N/A
Acoustical		Per UFC 3-450-01 for noise control
Furnishings/Equipment/ Casework		
Special Requirements		

Figure E1		Arms Room
Description/Usage		Weapons storage for all personnel. Each person will have (1) M-9 and (1) M-4. Storage for (1) M240 and (1) M249 turret mounted Machine Gun will also be required. Adjacent to the exterior, with boot wash and pressurized water hose, conveniently located near the “mud laundry” and a small restroom.
Ceiling Height		12’-0”
Windows		N/A
Doors	Type	Hollow Metal, 3’x7’ Overhead Steel Door 10’-0” X 14’-0”
	Security/ Hardware	Keyed lockset
	View Panels/ Kick-Plates	Kick-Plates
Finishes	Walls	Painted CMU
	Floor	Sealed Concrete
	Base	N/A
	Ceiling	Exposed to Structure
Plumbing		Provide plumbing systems per UFC 4-020-01- Plumbing Systems and UFC 4-215-01- Armories and Arms Rooms. Provide floor drain in the E1 space if required for condensate drainage of humidity control equipment.
HVAC		Provide HVAC systems per UFC 3-410-01- Heating, Ventilating and Air Conditioning Systems, UFC 4-215-01- Armories and Arms Rooms and UFC 3-410-04 - Industrial Ventilation. Provide humidity control to maintain 40% relative humidity at all times in the E1 Space.
Fire Protection / Alarm / Mass Notification Systems		Provide Fire Protection / Fire Alarm per UFC 3-600-01. Provide Mass Notification per UFC 4-021-01
Power		Provide ceiling-mounted power cord reels at each worktable in weapons maintenance areas, Provide Power Systems per UFC 3-520-01
Lighting		Provide lighting and controls in accordance with UFC 4-215-01
Communication	Tele/Data	Consider providing phone in Arms Rooms, Provide Telecommunications Systems in accordance with UFC 4-215-01 and UFC 3-580-01
	CCTV	Provide CCTV when required per UFC 4-215-01, 3-5.5.3
	CATV	N/A
	Security	Provide electronic security system in accordance with UFC 4-215-01, 3-5.5 Electronic Security Systems (ESS)
Acoustical		Per UFC 3-450-01 for noise control
Furnishings/Equipment/		High-efficiency, lockable storage
Special Requirements		Comply with AF190-11: Physical Security Arms and UFC 4-215-01 Armories and Arms Room

Figure E2		Weapons Cleaning
Description/Usage		Cleaning area for weapons. Locate adjacent to Arms Room. This room is sized to accommodate a single flight (39 personnel) at a time.
Ceiling Height		9'-0"
Windows		N/A
Doors	Type	Insulated/Hollow Metal, 3'x7'
	Security/ Hardware	Keyed lockset
	View Panels/ Kick-Plates	Kick-Plates
Finishes	Walls	Painted CMU
	Floor	Sealed Concrete
	Base	N/A
	Ceiling	Exposed to Structure or ACT
Plumbing		Provide plumbing systems per UFC 4-020-01- Plumbing Systems and UFC 4-215-01- Armories and Arms Rooms. Provide compressed air system outlets with ceiling hung hose reels at worktables (verify minimum user requirements during design). Coordinate requirement for deep sinks with user. Provide ANSI Z358.1 compliant emergency eyewash stations.
HVAC		Provide HVAC systems per UFC 3-410-01- Heating, Ventilating and Air Conditioning Systems, UFC 4-215-01- Armories and Arms Rooms and UFC 3-410-04 - Industrial Ventilation.
Fire Protection / Alarm / Mass Notification Systems		Provide Fire Protection / Fire Alarm per UFC 3-600-01. Provide Mass Notification per UFC 4-021-01
Power		Provide Power Systems per UFC 3-520-01
Lighting		Provide lighting and controls in accordance with UFC 3-530-01, 3-4.4 or 3-4.5 Open Offices
Communication	Tele/Data	Provide telecommunications design in accordance with UFC 3-580-01
	CCTV	N/A
	CATV	N/A
	Security	N/A
Acoustical		Per UFC 3-450-01 for noise control
Furnishings/Equipment/ Casework		Standing height tables.
Special Requirements		Comply with AF190-11: Physical Security Arms and UFC 4-215-01 Armories and Arms Room

Figure E3		Weapons Office / Maintenance
Description/Usage		Administrative space for weapons maintenance supervisor. Locate adjacent to Arms Room and Weapons Cleaning.
Ceiling Height		9'-0"
Windows		Daylighting
Doors	Type	Solid Core Wood, 3'x7'
	Security/ Hardware	Keyed lockset
	View Panels/ Kick-Plates	Kick-Plates
Finishes	Walls	Painted GWB or CMU
	Floor	VCT
	Base	Resilient Base
	Ceiling	Exposed to Structure or ACT
Plumbing		N/A
HVAC		Provide Heating, Ventilating and Air Conditioning Systems per UFC 3-410-01
Fire Protection / Alarm / Mass Notification Systems		Provide Fire Protection / Fire Alarm per UFC 3-600-01. Provide Mass Notification per UFC 4-021-01
Power		Provide Power Systems per UFC 3-520-01
Lighting		Provide lighting and controls in accordance with UFC 3-530-01, 3-4.4 or 3-4.5 Open Offices
Communication	Tele/Data	Provide telecommunications design in accordance with UFC 3-580-01
	CCTV	N/A
	CATV	N/A
	Security	N/A
Acoustical		Per UFC 3-450-01 for noise control
Furnishings/Equipment/ Casework		(1) L-shaped desk, ergonomic task chair, work surface for weapons inspections, wall clock, cork board, marker board, 4 gal trash can, 4 gal recycle bin
Special Requirements		

Figure E4		Mud Restroom
Description/Usage		Single occupant Restroom with shower located near the Arms Room and exterior for personnel coming in from field exercises.
Ceiling Height		9'-0"
Windows		N/A
Doors	Type	Solid Core Wood, 3'x7'
	Security/ Hardware	Standard lockset
	View Panels/ Kick-Plates	Kick-Platess
Finishes	Walls	Painted GWB or CMU with optional 54"-high tile wainscot
	Floor	Ceramic or porcelain Tile
	Base	Tile Cove Base to match floor
	Ceiling	Painted GWB
Plumbing		Per UFC 3-420-01- Plumbing Systems
HVAC		Provide Heating, Ventilating and Air Conditioning Systems per UFC 3-410-01
Fire Protection / Alarm / Mass Notification Systems		Provide Fire Protection / Fire Alarm per UFC 3-600-01. Provide Mass Notification per UFC 4-021-01
Power		Provide Power Systems per UFC 3-520-01
Lighting		Provide lighting and controls in accordance with UFC 3-530-01, 3-10.8 Bathrooms
Communication	Tele/Data	N/A
	CCTV	N/A
	CATV	N/A
	Security	N/A
Acoustical		Per UFC 3-450-01 for noise control
Furnishings/Equipment/ Casework		
Special Requirements		

Figure E5		Mud Laundry
Description/Usage		Laundry Room for field attire. Locate adjacent to mud restroom and near the exterior.
Ceiling Height		9'-0"
Windows		Daylighting
Doors	Type	Solid Core Wood, 3'x7'
	Security/Hardware	Standard Lockset
	View Panels/Kick-Plates	View panel and Kick-Plates
Finishes	Walls	Painted GWB or CMU with optional 54"-high tile wainscot
	Floor	Porcelain Tile
	Base	Tile Cove Base to match floor
	Ceiling	Exposed to Structure or ACT
Plumbing		Per UFC 3-420-01- Plumbing Systems. Provide industrial size washer and dryer and janitorial sink. Provide accessible wall cleanout for plumbing fixtures serving the Mud Laundry Room.
HVAC		Provide Heating, Ventilating and Air Conditioning Systems per UFC 3-410-01. Coordinate requirements for industrial dryer makeup air in the Mud Laundry Room.
Fire Protection / Alarm / Mass Notification Systems		Provide Fire Protection / Fire Alarm per UFC 3-600-01. Provide Mass Notification per UFC 4-021-01
Power		Provide Power Systems per UFC 3-520-01
Lighting		Provide lighting and controls in accordance with UFC 3-530-01, 3-10.3 Laundry Rooms
Communication	Tele/Data	N/A
	CCTV	N/A
	CATV	N/A
	Security	N/A
Acoustical		Per UFC 3-450-01 for noise control
Furnishings/Equipment/Casework		(2) Washing machines, (2) Dryers, Ice Maker, utility sink
Special Requirements		

Figure F1		Conference Room
Description/Usage		The Secure Area conference room will be shared by facility personnel groups and will seat 30 people. Provide minimum 3'-0" clearance around table. It should be located within the secure perimeter.
Ceiling Height		9'-0"
Windows		N/A
Doors	Type	Solid Core Wood, 3'x7'
	Security/ Hardware	Keyed lockset
	View Panels/ Kick-Plates	Kick-Platess
Finishes	Walls	Painted GWB
	Floor	Carpet/ Carpet Tiles
	Base	Resilient Base
	Ceiling	Painted GWB
Plumbing		N/A
HVAC		Provide Heating, Ventilating and Air Conditioning Systems per UFC 3-410-01 and IC Tech Spec – for ICD/ICS 705 Technical Specifications for Construction and Management of Sensitive Compartmented Information Facilities
Fire Protection / Alarm / Mass Notification Systems		Provide Fire Protection / Fire Alarm per UFC 3-600-01. Provide Mass Notification per UFC 4-021-01
Power		Provide an exterior connection for a portable generator and manual transfer switch. The entire SCIF and supporting equipment, such as mechanical, shall be on portable generator power. Provide Power Systems per UFC 3-520-01
Lighting		Provide lighting and controls in accordance with UFC 3-530-01, 3-4.7 Conference Rooms
Communication	Tele/Data	Provide infrastructure for smartboards, provide telecommunications design in accordance with UFC 3-580-01 and UFC 4-010-05. Route cabling in cable tray. Provide SIPR and JWICS drops to a local telecommunications rack. Assume rack shall have a TACLANE so all backbone telecommunications exiting the SCIF does not need to be in PDS. Provide an 18" x 18" x 6" NEMA pass through box. Route (4) 2" conduits from the pass-through box within the SCIF to a similar NEMA 3R box on the exterior of the facility. Boxes shall be lockable at both locations. Conduits shall be threaded on both locations.
	CCTV	N/A
	CATV	Provide CATV jack for flat panel locations
	Security	Provide SCIF wide security system in accordance with UFC 4-010-05

Acoustical	Per UFC 3-450-01 for noise control
Furnishings/Equipment/ Casework	Executive conference table with task chairs and side chairs for 30 people
Special Requirements	Design to ICD 705

Figure F2		Debriefing Room
Description/Usage		Provide four Debriefing Rooms within the Secure Area with seating for six each.
Ceiling Height		9'-0"
Windows		N/A
Doors	Type	Solid Core Wood, 3'x7'
	Security/ Hardware	Keyed lockset
	View Panels/ Kick-Plates	Kick-Plates
Finishes	Walls	Painted GWB
	Floor	Carpet Tiles
	Base	Resilient Base
	Ceiling	Painted GWB
Plumbing		N/A
HVAC		Provide Heating, Ventilating and Air Conditioning Systems per UFC 3-410-01 and IC Tech Spec – for ICD/ICS 705 Technical Specifications for Construction and Management of Sensitive Compartmented Information Facilities
Fire Protection / Alarm / Mass Notification Systems		Provide Fire Protection / Fire Alarm per UFC 3-600-01. Provide Mass Notification per UFC 4-021-01
Power		Provide Power Systems per UFC 3-520-01
Lighting		Provide lighting and controls in accordance with UFC 3-530-01, 3-4.2 or 3-4.3 Individual Offices
Communication	Tele/Data	Provide infrastructure for smartboards, provide telecommunications design in accordance with UFC 3-580-01 and UFC 4-010-05. Route cabling in cable trays. Provide SIPR drops to a local telecommunications rack. Assume rack shall have a TACLANE so all backbone telecommunications exiting the SCIF do not need to be in PDS.
	CCTV	N/A
	CATV	N/A
	Security	Provide SCIF wide security system in accordance with UFC 4-010-05
Acoustical		Per UFC 3-450-01 for noise control
Furnishings/Equipment/ Casework		Conference table and chairs for six people. Provide 2 large dry erase boards and an A/V rack for wall-mounted TV.
Special Requirements		Design to ICD 705

Figure F3		Communications Rack Room
Description/Usage		Communications Room for storing communication racks for spaces within the Secure Area perimeter.
Ceiling Height		9'-0"
Windows		N/A
Doors	Type	Solid Core Wood, 3'x7'
	Security/ Hardware	Keyed lockset
	View Panels/ Kick-Plates	Kick-Platess
Finishes	Walls	Painted GWB
	Floor	Sealed Concrete
	Base	Resilient Base
	Ceiling	Painted GWB
Plumbing		N/A
HVAC		Provide Heating, Ventilating and Air Conditioning Systems per UFC 3-410-01 and IC Tech Spec – for ICD/ICS 705 Technical Specifications for Construction and Management of Sensitive Compartmented Information Facilities
Fire Protection / Alarm / Mass Notification Systems		Provide Fire Protection / Fire Alarm per UFC 3-600-01. Provide Mass Notification per UFC 4-021-01
Power		Provide Power Systems per UFC 3-520-01
Lighting		Provide lighting and controls in accordance with UFC 3-530-01, 3-3.7 Telecommunication Room
Communication	Tele/Data	Provide telecommunications design in accordance with UFC 3-580-01 and UFC 4-010-05.
	CCTV	N/A
	CATV	N/A
	Security	Provide SCIF wide security system in accordance with UFC 4-010-05
Acoustical		Per UFC 3-450-01 for noise control
Furnishings/Equipment/ Casework		
Special Requirements		Design to ICD 705

Figure F4		Intel Training/Classroom
Description/Usage		Training/Classroom for SCIF Intel personnel. It should be located within the secure perimeter.
Ceiling Height		9'-0"
Windows		N/A
Doors	Type	Solid Core Wood, 3'x7'
	Security/ Hardware	Keyed lockset
	View Panels/ Kick-Plates	Kick-plates
Finishes	Walls	Painted GWB
	Floor	VCT
	Base	Resilient Base
	Ceiling	ACT
Plumbing		N/A
HVAC		Provide Heating, Ventilating and Air Conditioning Systems per UFC 3-410-01 and IC Tech Spec – for ICD/ICS 705 Technical Specifications for Construction and Management of Sensitive Compartmented Information Facilities
Fire Protection / Alarm / Mass Notification Systems		Provide Fire Protection / Fire Alarm per UFC 3-600-01. Provide Mass Notification per UFC 4-021-01
Power		Provide Power Systems per UFC 3-520-01
Lighting		Provide lighting and controls in accordance with UFC 3-530-01, 3-5.1 Classroom/Training Room
Communication	Tele/Data	Provide infrastructure for smartboards, provide telecommunications design in accordance with UFC 3-580-01 and UFC 4-010-05. Route cabling in cable tray. Provide SIPR drops to a local telecommunications rack. Assume rack shall have a TACLANE so all backbone telecommunications exiting the SCIF do not need to be in PDS.
	CCTV	N/A
	CATV	Provide CATV jack for flat panel locations
	Security	Provide SCIF wide security system in accordance with UFC 4-010-05
Acoustical		Per UFC 3-450-01 for noise control
Furnishings/Equipment/ Casework		Tables and chairs for a classroom
Special Requirements		Design to ICD 705

Figure F5		Mission Planning Center
Description/Usage		Administrative space for mission planning. It should be centrally located within the secure perimeter.
Ceiling Height		9'-0"
Windows		N/A
Doors	Type	Solid Core Wood, 3'x7'
	Security/ Hardware	X-10
	View Panels/ Kick-Plates	Kick-plates
Finishes	Walls	Painted GWB
	Floor	Carpet Tiles
	Base	Resilient Base
	Ceiling	Painted GWB
Plumbing		N/A
HVAC		Provide Heating, Ventilating and Air Conditioning Systems per UFC 3-410-01 and IC Tech Spec – for ICD/ICS 705 Technical Specifications for Construction and Management of Sensitive Compartmented Information Facilities
Fire Protection / Alarm / Mass Notification Systems		Provide Fire Protection / Fire Alarm per UFC 3-600-01. Provide Mass Notification per UFC 4-021-01
Power		Provide Power Systems per UFC 3-520-01
Lighting		Provide lighting and controls in accordance with UFC 3-530-01, 3-4.2 or 3-4.3 Individual Offices
Communication	Tele/Data	Provide infrastructure for smartboards, provide telecommunications design in accordance with UFC 3-580-01 and UFC 4-010-05. Route cabling in cable tray. Provide SIPR drops to a local telecommunications rack. Assume rack shall have a TACLANE so all backbone telecommunications exiting the SCIF do not need to be in PDS.
	CCTV	N/A
	CATV	N/A
	Security	Provide SCIF-wide security system in accordance with UFC 4-010-05
Acoustical		Per UFC 3-450-01 for noise control
Furnishings/Equipment/ Casework		(10) 2'x5' desks, (2) GSA safes, floor printer, plotter, layout tables, (4) 6-person layout tables and chairs
Special Requirements		Design to ICD 705

Figure F6		Study / Safe Room
Description/Usage		Storage room for SCIF safes with lay space for examining large documents. It should be located within the secure perimeter.
Ceiling Height		9'-0"
Windows		N/A
Doors	Type	Solid Core Wood, 3'x7'
	Security/ Hardware	Keyed lockset
	View Panels/ Kick-Plates	Kick-Plates
Finishes	Walls	Painted GWB
	Floor	VCT
	Base	Resilient Base
	Ceiling	Painted GWB
Plumbing		N/A
HVAC		Provide Heating, Ventilating and Air Conditioning Systems per UFC 3-410-01 and IC Tech Spec – for ICD/ICS 705 Technical Specifications for Construction and Management of Sensitive Compartmented Information Facilities
Fire Protection / Alarm / Mass Notification Systems		Provide Fire Protection / Fire Alarm per UFC 3-600-01. Provide Mass Notification per UFC 4-021-01
Power		Provide Power Systems per UFC 3-520-01
Lighting		Provide lighting and controls in accordance with UFC 3-530-01, 3-4.2 or 3-4.3 Individual Offices
Communication	Tele/Data	Provide infrastructure for smartboards, provide telecommunications design in accordance with UFC 3-580-01 and UFC 4-010-05. Provide telecommunications design in accordance with UFC 3-580-01 and UFC 4-010-05. Route cabling in cable tray. Provide SIPR drops to a local telecommunications rack. Assume rack shall have a TACLANE so all backbone telecommunications exiting the SCIF do not need to be in PDS.
	CCTV	N/A
	CATV	N/A
	Security	Provide SCIF-wide security system in accordance with UFC 4-010-05
Acoustical		Per UFC 3-450-01 for noise control
Furnishings/Equipment/ Casework		(4) GSA safes, (1) standing height table,
Special Requirements		Design to ICD 705

Figure F7		Senior Intel and NCOIC Office
Description/Usage		Semi-private administrative space for Intel Supervisor and NCOIC. It should be located within the secure perimeter. Provide direct access to Intel Open Office.
Ceiling Height		9'-0"
Windows		N/A
Doors	Type	Solid Core Wood, 3'x7'
	Security/ Hardware	Keyed lockset
	View Panels/ Kick-Plates	Kick-plates
Finishes	Walls	Painted GWB
	Floor	Carpet Tiles
	Base	Resilient Base
	Ceiling	Painted GWB
Plumbing		N/A
HVAC		Provide Heating, Ventilating and Air Conditioning Systems per UFC 3-410-01 and IC Tech Spec – for ICD/ICS 705 Technical Specifications for Construction and Management of Sensitive Compartmented Information Facilities
Fire Protection / Alarm / Mass Notification Systems		Provide Fire Protection / Fire Alarm per UFC 3-600-01. Provide Mass Notification per UFC 4-021-01
Power		Provide Power Systems per UFC 3-520-01
Lighting		Provide lighting and controls in accordance with UFC 3-530-01, 3-4.2 or 3-4.3 Individual Offices
Communication	Tele/Data	Provide infrastructure for smartboards, provide telecommunications design in accordance with UFC 3-580-01 and UFC 4-010-05. Route cabling in cable tray. Provide SIPR drops to a local telecommunications rack. Assume rack shall have a TACLANE so all backbone telecommunications exiting the SCIF do not need to be in PDS.
	CCTV	N/A
	CATV	N/A
	Security	Provide SCIF-wide security system in accordance with UFC 4-010-05
Acoustical		Per UFC 3-450-01 for noise control
Furnishings/Equipment/ Casework		(2) desks, ergonomic task chairs, wall clock, cork board, marker board, 4 gal trash can, 4 gal recycle bin
Special Requirements		Design to ICD 705

Figure F8		Weapons and Tactics Office
Description/Usage		Semi-private office for Flight Commander and Flight. It should be located within the secure perimeter. Provide direct access to Weapons and Tactics Open Office.
Ceiling Height		9'-0"
Windows		N/A
Doors	Type	Solid Core Wood, 3'x7'
	Security/ Hardware	Keyed lockset
	View Panels/ Kick-Plates	Kick-Plates
Finishes	Walls	Painted GWB
	Floor	Carpet/ Carpet Tiles
	Base	Resilient Base
	Ceiling	Painted GWB
Plumbing		N/A
HVAC		Provide Heating, Ventilating and Air Conditioning Systems per UFC 3-410-01 and IC Tech Spec – for ICD/ICS 705 Technical Specifications for Construction and Management of Sensitive Compartmented Information Facilities
Fire Protection / Alarm / Mass Notification Systems		Provide Fire Protection / Fire Alarm per UFC 3-600-01. Provide Mass Notification per UFC 4-021-01
Power		Provide Power Systems per UFC 3-520-01
Lighting		Provide lighting and controls in accordance with UFC 3-530-01, 3-4.2 or 3-4.3 Individual Offices
Communication	Tele/Data	Provide infrastructure for smartboards, provide telecommunications design in accordance with UFC 3-580-01 and UFC 4-010-05. Route cabling in cable tray. Provide SIPR drops to a local telecommunications rack. Assume rack shall have a TACLANE so all backbone telecommunications exiting the SCIF do not need to be in PDS.
	CCTV	N/A
	CATV	N/A
	Security	Provide SCIF-wide security system in accordance with UFC 4-010-05
Acoustical		Per UFC 3-450-01 for noise control
Furnishings/Equipment/ Casework		(2) desks, ergonomic task chairs, wall clock, cork board, marker board, 4 gal trash can, 4 gal recycle bin
Special Requirements		Design to ICD 705

Figure F9		Weapons and Tactics Open Office
Description/Usage		Open office space for 8 personnel. It should be located within the secure perimeter. Provide direct access to Weapons and Tactics Office.
Ceiling Height		9'-0"
Windows		N/A
Doors	Type	Solid Core Wood, 3'x7'
	Security/ Hardware	Keyed lockset
	View Panels/ Kick-Plates	Kick-Plates
Finishes	Walls	Painted GWB
	Floor	Carpet/ Carpet Tiles
	Base	Resilient Base
	Ceiling	Painted GWB
Plumbing		N/A
HVAC		Provide Heating, Ventilating and Air Conditioning Systems per UFC 3-410-01 and IC Tech Spec – for ICD/ICS 705 Technical Specifications for Construction and Management of Sensitive Compartmented Information Facilities
Fire Protection / Alarm / Mass Notification Systems		Provide Fire Protection / Fire Alarm per UFC 3-600-01. Provide Mass Notification per UFC 4-021-01
Power		Provide Power Systems per UFC 3-520-01
Lighting		Provide lighting and controls in accordance with UFC 3-530-01, 3-4.4 or 3-4.5 Open Offices
Communication	Tele/Data	Provide infrastructure for smartboards, provide telecommunications design in accordance with UFC 3-580-01 and UFC 4-010-05. Route cabling in cable tray. Provide SIPR drops to a local telecommunications rack. Assume rack shall have a TACLANE so all backbone telecommunications exiting the SCIF do not need to be in PDS.
	CCTV	N/A
	CATV	Provide CATV jack for flat panel locations
	Security	Provide SCIF wide security system in accordance with UFC 4-010-05
Acoustical		Per UFC 3-450-01 for noise control
Furnishings/Equipment/ Casework		(8) 30" x 60" workstations, ergonomic task chair, cork board, marker board, 4 gal trash can/workstation, 4 gal recycle bin/workstation
Special Requirements		Design to ICD 705

Figure F10		Intel Open Office
Description/Usage		Open office space for 8 personnel. It should be located within the secure perimeter. Provide direct access to Senior Intel and NCOIC Office.
Ceiling Height		9'-0"
Windows		N/A
Doors	Type	Solid Core Wood, 3'x7'
	Security/ Hardware	Keyed lockset
	View Panels/ Kick-Plates	Kick-Plates
Finishes	Walls	Painted GWB
	Floor	Carpet/ Carpet Tiles
	Base	Resilient Base
	Ceiling	Painted GWB
Plumbing		N/A
HVAC		Provide Heating, Ventilating and Air Conditioning Systems per UFC 3-410-01 and IC Tech Spec – for ICD/ICS 705 Technical Specifications for Construction and Management of Sensitive Compartmented Information Facilities
Fire Protection / Alarm / Mass Notification Systems		Provide Fire Protection / Fire Alarm per UFC 3-600-01. Provide Mass Notification per UFC 4-021-01
Power		Provide Power Systems per UFC 3-520-01
Lighting		Provide lighting and controls in accordance with UFC 3-530-01, 3-4.4 or 3-4.5 Open Offices
Communication	Tele/Data	Provide infrastructure for smartboards, provide telecommunications design in accordance with UFC 3-580-01 and UFC 4-010-05. Provide telecommunications design in accordance with UFC 3-580-01 and UFC 4-010-05. Route cabling in cable tray. Provide SIPR drops to a local telecommunications rack. Assume rack shall have a TACLANE so all backbone telecommunications exiting the SCIF do not need to be in PDS.
	CCTV	N/A
	CATV	Provide CATV jack for flat panel locations
	Security	Provide SCIF wide security system in accordance with UFC 4-010-05
Acoustical		Per UFC 3-450-01 for noise control
Furnishings/Equipment/ Casework		(8) 30" x 60" workstations, ergonomic task chair, wall clock, cork board, marker board, 4 gal trash can, 4 gal recycle bin, file cabinets.
Special Requirements		Design to ICD 705

Figure F11		Deadman Room
Description/Usage		Security access control point for the secure area. It should be located within the secure perimeter.
Ceiling Height		9'-0"
Windows		N/A
Doors	Type	Solid Core Wood, 3'x7'
	Security/ Hardware	Keyed lockset
	View Panels/ Kick-Plates	Kick-Plates
Finishes	Walls	Painted GWB
	Floor	Carpet/ Carpet Tiles
	Base	Resilient Base
	Ceiling	Painted GWB
Plumbing		N/A
HVAC		Provide Heating, Ventilating and Air Conditioning Systems per UFC 3-410-01 and IC Tech Spec – for ICD/ICS 705 Technical Specifications for Construction and Management of Sensitive Compartmented Information Facilities
Fire Protection / Alarm / Mass Notification Systems		Provide Fire Protection / Fire Alarm per UFC 3-600-01. Provide Mass Notification per UFC 4-021-01
Power		Provide Power Systems per UFC 3-520-01
Lighting		Provide lighting and controls in accordance with UFC 3-530-01, 3-4.4 or 3-4.5 Open Offices
Communication	Tele/Data	N/A
	CCTV	Provide CCTV with cable terminating in the secure space. The video from this CCTV camera shall only visible from within the secure space.
	CATV	N/A
	Security	Provide SCIF-wide security system in accordance with UFC 4-010-05
Acoustical		Per UFC 3-450-01 for noise control
Furnishings/Equipment/ Casework		(1) L-shaped desk, ergonomic task chair, wall clock, 4 gal trash can, 4 gal recycle bin, file cabinets (2) guest chairs
Special Requirements		Design to ICD 705

Figure G1		Strength and Conditioning
Description/Usage		Exercise facility for all personnel to house cardiovascular and weight training equipment as well as an indoor turf track. Directly adjacent to all HPTC offices and locker rooms/showers/restrooms.
Ceiling Height		9'-0"
Windows		Daylighting
Doors	Type	Solid Core Wood, 3'x7'
	Security/Hardware	14Keyed lockset
	View Panels/Kick-Plates	View Panels and Kick-Plates
Finishes	Walls	Painted Impact Resistant GWB or CMU
	Floor	Rubber Sport Flooring with EPDM wear layer
	Base	Resilient Base
	Ceiling	ACT or exposed to structure and painted.
Plumbing		Provide chilled/filtered drinking water fountains with bottle fillers
HVAC		Per UFC 3-410-01- Heating, Ventilating and Air Conditioning Systems
Fire Protection / Alarm / Mass Notification Systems		Provide Fire Protection / Fire Alarm per UFC 3-600-01. Provide Mass Notification per UFC 4-021-01
Power		Provide Power Systems per UFC 3-520-01
Lighting		Provide lighting and controls in accordance with UFC 3-530-01, 3-4.4 or 3-4.5 Open Offices
	Tele/Data	Provide infrastructure for smartboards, Provide telecommunications design in accordance with UFC 3-580-01
	CCTV	N/A
	CATV	Provide CATV jack at flat panel locations
	Security	N/A
Acoustical		Per UFC 3-450-01 for noise control
Furnishings/Equipment/Casework		Large-scale whiteboards and chalkboards. Exercise equipment – cardia, weights
Special Requirements		Indoor sprint track with turf, size: 10 yards wide and length of room (30 yards preferred) for Tier II Operational Physical Fitness Testing. Provide reinforcement at medicine ball throwing area. Inlaid force plates may be added later to flooring.

Figure G2		Physical Therapy Room
Description/Usage		Physical Therapy space for personnel needing assistance. Provide convenient access to locker rooms and locate adjacent to strength and training conditioning. Provide direct access to Physical Therapist office.
Ceiling Height		9'-0"
Windows		Daylighting
Doors	Type	Solid Core Wood, 3'x7'
	Security/ Hardware	Keyed lockset
	View Panels/ Kick-Plates	View panel and Kick-Plates
Finishes	Walls	Painted GWB
	Floor	Epoxy Flooring
	Base	Integral Epoxy Cove Base
	Ceiling	ACT
Plumbing		Water supply and drain for ice machine
HVAC		Per UFC 3-410-01- Heating, Ventilating and Air Conditioning Systems
Fire Protection / Alarm / Mass Notification Systems		Provide Fire Protection / Fire Alarm per UFC 3-600-01. Provide Mass Notification per UFC 4-021-01
Power		Provide Power Systems per UFC 3-520-01
Lighting		Provide lighting and controls in accordance with UFC 3-530-01, 3-4.4 or 3-4.5 Open Offices
Communication	Tele/Data	Provide telecommunications design in accordance with UFC 3-580-01
	CCTV	N/A
	CATV	N/A
	Security	N/A
Acoustical		Per UFC 3-450-01 for noise control
Furnishings/Equipment/ Casework		Lockable Storage and refrigeration for medical supplies, commercial grade ice machine
Special Requirements		

Figure G3		HPTC Storage
Description/Usage		Adjacent to Physical Therapy Room
Ceiling Height		9'-0"
Windows		N/A
Doors	Type	Solid Core Wood, 3'x7'
	Security/ Hardware	Keyed lockset
	View Panels/ Kick-Plates	Kick-Plates
Finishes	Walls	Painted GWB
	Floor	Sealed Concrete or VCT
	Base	Resilient Base
	Ceiling	ACT
Plumbing		N/A
HVAC		Per UFC 3-410-01- Heating, Ventilating and Air Conditioning Systems
Fire Protection / Alarm / Mass Notification Systems		Provide Fire Protection / Fire Alarm per UFC 3-600-01.
Power		Provide Power Systems per UFC 3-520-01.
Lighting		Provide lighting and controls in accordance with UFC 3-530-01, 3-3.4 Storage Rooms
Communication	Tele/Data	Provide telecommunications design in accordance with UFC 3-580-01
	CCTV	N/A
	CATV	N/A
	Security	N/A
Acoustical		Per UFC 3-450-01 for noise control
Furnishings/Equipment/ Casework		Open Shelving Units
Special Requirements		

Figure G4		Hydro Therapy Room
Description/Usage		Hydro Therapy space for water-based physical therapy. Provide direct access to locker rooms.
Ceiling Height		9'-0"
Windows		Daylighting
Doors	Type	Solid Core Wood, 3'x7'
	Security/ Hardware	Keyed lockset
	View Panels/ Kick-Plates	View Panel and Kick-Plates
Finishes	Walls	Ceramic Tile
	Floor	Porcelain Tile or Epoxy
	Base	Tile Cove Base or Integral Epoxy Cove Base
	Ceiling	Moisture-Resistant Painted Gypsum Board
Plumbing		N/A
HVAC		Per UFC 3-410-01- Heating, Ventilating and Air Conditioning Systems
Fire Protection / Alarm / Mass Notification Systems		Provide Fire Protection / Fire Alarm per UFC 3-600-01. Provide Mass Notification per UFC 4-021-01
Power		Provide Power Systems per UFC 3-520-01
Lighting		Provide lighting and controls in accordance with UFC 3-530-01, 3-4.4 or 3-4.5 Open Offices
Communication	Tele/Data	Provide telecommunications design in accordance with UFC 3-580-01
	CCTV	N/A
	CATV	N/A
	Security	N/A
Acoustical		Per UFC 3-450-01 for noise control
Furnishings/Equipment/ Casework		1 Sensory Deprivation chamber, 1 hot water therapy tank, 1 cold water therapy tank. Provide anti-slip draining mats at all tanks.
Special Requirements		

Figure G5		Physical Assessment Area (Exam Room)
Description/Usage		Exam room for personnel. Direct access to Strength and Conditioning.
Ceiling Height		9'-0"
Windows		Daylighting
Doors	Type	Solid Core Wood, 3'x7'
	Security/ Hardware	Keyed lockset
	View Panels/ Kick-Plates	Kick-Plates
Finishes	Walls	Painted GWB
	Floor	Porcelain Tile or Epoxy Floor System
	Base	Tile Cove Base or integral epoxy cove base
	Ceiling	ACT
Plumbing		Per UFC 3-420-01- Plumbing Systems. Provide hand washing sink.
HVAC		Per UFC 3-410-01- Heating, Ventilating and Air Conditioning Systems
Fire Protection / Alarm / Mass Notification Systems		Provide Fire Protection / Fire Alarm per UFC 3-600-01. Provide Mass Notification per UFC 4-021-01
Power		Provide Power Systems per UFC 3-520-01
Lighting		Provide lighting and controls in accordance with UFC 3-530-01, 3-6.2 Pharmacy
Communication	Tele/Data	Provide telecommunications design in accordance with UFC 3-580-01
	CCTV	N/A
	CATV	N/A
	Security	N/A
Acoustical		Per UFC 3-450-01 for noise control
Furnishings/Equipment/ Casework		Exam tables, stools, refrigerated storage, lockable upper and lower cabinets with a handwashing sink
Special Requirements		

Figure G6		Nutrition Education Room
Description/Usage		Classroom to be used for nutrition education.
Ceiling Height		9'-0"
Windows		Daylighting
Doors	Type	Solid Core Wood, 3'x7'
	Security/ Hardware	Keyed lockset
	View Panels/ Kick-Plates	Kick-Plates
Finishes	Walls	Painted GWB
	Floor	Carpet Tile
	Base	Resilient base
	Ceiling	ACT
Plumbing		Per UFC 3-420-01- Plumbing Systems. Provide hand washing sink.
HVAC		Per UFC 3-410-01- Heating, Ventilating and Air Conditioning Systems
Fire Protection / Alarm / Mass Notification Systems		Provide Fire Protection / Fire Alarm per UFC 3-600-01. Provide Mass Notification per UFC 4-021-01
Power		Provide Power Systems per UFC 3-520-01
Lighting		Provide lighting and controls in accordance with UFC 3-530-01, 3-6.2 Pharmacy
Communication	Tele/Data	Provide telecommunications design in accordance with UFC 3-580-01
	CCTV	N/A
	CATV	N/A
	Security	N/A
Acoustical		Per UFC 3-450-01 for noise control
Furnishings/Equipment/ Casework		Classroom tables and chairs.
Special Requirements		

Figure H1		Men's Restroom
Description/Usage		Size restrooms per UFC 4 420 01 Plumbing requirements. Favor water closets over urinals. Should be located adjacent to the HPTC.
Ceiling Height		9'-0"
Windows		N/A
Doors	Type	Solid Core Wood, 3'x7'
	Security/ Hardware	Passage set
	View Panels/ Kick-Plates	Kick-Plate
Finishes	Walls	Painted Moisture-Resistant GWB with 54"-high tile wainscot
	Floor	Porcelain Tile
	Base	Tile Cove Base to match floor
	Ceiling	Moisture-Resistant Painted GWB
Plumbing		Per UFC 3-420-01- Plumbing Systems. Provide hot water storage and recovery systems considering peak demand hot water flows, similar to Appendix E of UFC 3-420-01.
HVAC		Per UFC 3-410-01- Heating, Ventilating and Air Conditioning Systems
Fire Protection / Alarm / Mass Notification Systems		Provide Fire Protection / Fire Alarm per UFC 3-600-01. Provide Mass Notification per UFC 4-021-01
Power		Provide Power Systems per UFC 3-520-01
Lighting		Provide lighting and controls in accordance with UFC 3-530-01, 3-3.6 Restrooms
Communication	Tele/Data	N/A
	CCTV	N/A
	CATV	N/A
	Security	N/A
Acoustical		Per UFC 3-450-01 for noise control
Furnishings/Equipment/ Casework		
Special Requirements		

Figure H2		Men's Locker Room
Description/Usage		Provide lockers adjacent to showers. Should be located adjacent to the HPTC.
Ceiling Height		9'-0"
Windows		N/A
Doors	Type	N/A
	Security/ Hardware	N/A
	View Panels/ Kick-Plates	N/A
Finishes	Walls	Painted Moisture-Resistant GWB with optional 54"-high tile wainscot
	Floor	Porcelain Tile
	Base	Tile Cove Base to match floor
	Ceiling	Moisture-Resistant Painted GWB
Plumbing		Per UFC 3-420-01- Plumbing Systems. Provide hot water storage and recovery systems considering peak demand hot water flows, similiar to Appendix E of UFC 3-420-01
HVAC		Per UFC 3-410-01- Heating, Ventilating and Air Conditioning Systems
Fire Protection / Alarm / Mass Notification Systems		Provide Fire Protection / Fire Alarm per UFC 3-600-01. Provide Mass Notification per UFC 4-021-01
Power		Provide Power Systems per UFC 3-520-01
Lighting		Provide lighting and controls in accordance with UFC 3-530-01, 3-3.6 Restrooms
Communication	Tele/Data	N/A
	CCTV	N/A
	CATV	N/A
	Security	N/A
Acoustical		Per UFC 3-450-01 for noise control
Furnishings/Equipment/ Casework		Provide lockers for temporary storage of clothing
Special Requirements		

Figure H3		Men's Showers
Description/Usage		Provide 20 showers with small changing area. Should be located adjacent to the HPTC.
Ceiling Height		9'-0"
Windows		N/A
Doors	Type	N/A
	Security/ Hardware	N/A
	View Panels/ Kick-Plates	N/A
Finishes	Walls	Painted Moisture-Resistant GWB with optional 54"-high tile wainscot, full-height tile in shower compartments
	Floor	Porcelain Tile, solid surface shower pans
	Base	Tile Cove Base to match floor except in shower compartments
	Ceiling	Moisture-Resistant Painted GWB
Plumbing		Per UFC 3-420-01- Plumbing Systems. Provide hot water storage and recovery systems considering peak demand hot water flows, similar to Appendix E of UFC 3-420-01
HVAC		Per UFC 3-410-01- Heating, Ventilating and Air Conditioning Systems
Fire Protection / Alarm / Mass Notification Systems		Provide Fire Protection / Fire Alarm per UFC 3-600-01. Provide Mass Notification per UFC 4-021-01
Power		Provide Power Systems per UFC 3-520-01
Lighting		Provide lighting and controls in accordance with UFC 3-530-01, 3-3.6 Restrooms
Communication	Tele/Data	N/A
	CCTV	N/A
	CATV	N/A
	Security	N/A
Acoustical		Per UFC 3-450-01 for noise control
Furnishings/Equipment/ Casework		Provide shower rods and vinyl shower curtains.
Special Requirements		

Figure H4		Women's Restroom
Description/Usage		Size restrooms per UFC 4 420 01 Plumbing requirements. Should be located adjacent to the HPTC.
Ceiling Height		9'-0"
Windows		N/A
Doors	Type	Solid Core Wood, 3'x7'
	Security/ Hardware	Passage set
	View Panels/ Kick-Plates	Kick-Plate
Finishes	Walls	Painted Moisture-Resistant GWB with 54"-high tile wainscot
	Floor	Porcelain Tile
	Base	Tile Cove Base to match floor
	Ceiling	Moisture-Resistant Painted GWB
Plumbing		Per UFC 3-420-01- Plumbing Systems. Provide hot water storage and recovery systems considering peak demand hot water flows, similar to Appendix E of UFC 3-420-01
HVAC		Per UFC 3-410-01- Heating, Ventilating and Air Conditioning Systems
Fire Protection / Alarm / Mass Notification Systems		Provide Fire Protection / Fire Alarm per UFC 3-600-01. Provide Mass Notification per UFC 4-021-01
Power		Provide Power Systems per UFC 3-520-01
Lighting		Provide lighting and controls in accordance with UFC 3-530-01, 3-3.6 Restrooms
Communication	Tele/Data	N/A
	CCTV	N/A
	CATV	N/A
	Security	N/A
Acoustical		Per UFC 3-450-01 for noise control
Furnishings/Equipment/ Casework		
Special Requirements		

Figure H5		Women's Locker Room
Description/Usage		Provide lockers adjacent to showers. Should be located adjacent to the HPTC.
Ceiling Height		9'-0"
Windows		N/A
Doors	Type	N/A
	Security/ Hardware	N/A
	View Panels/ Kick-Plates	N/A
Finishes	Walls	Painted Moisture-Resistant GWB with optional 54"-high tile wainscot
	Floor	Porcelain Tile
	Base	Tile Cove Base to match floor
	Ceiling	Moisture-Resistant Painted GWB
Plumbing		Per UFC 3-420-01- Plumbing Systems. Provide hot water storage and recovery systems considering peak demand hot water flows, similar to Appendix E of UFC 3-420-01.
HVAC		Per UFC 3-410-01- Heating, Ventilating and Air Conditioning Systems
Fire Protection / Alarm / Mass Notification Systems		Provide Fire Protection / Fire Alarm per UFC 3-600-01. Provide Mass Notification per UFC 4-021-01
Power		Provide Power Systems per UFC 3-520-01
Lighting		Provide lighting and controls in accordance with UFC 3-530-01, 3-3.6 Restrooms
Communication	Tele/Data	N/A
	CCTV	N/A
	CATV	N/A
	Security	N/A
Acoustical		Per UFC 3-450-01 for noise control
Furnishings/Equipment/ Casework		Provide lockers for temporary storage of clothing
Special Requirements		

Figure H6		Women's Showers
Description/Usage		Provide 20 showers with small changing area. Should be located adjacent to the HPTC.
Ceiling Height		9'-0"
Windows		N/A
Doors	Type	N/A
	Security/ Hardware	N/A
	View Panels/ Kick-Plates	N/A
Finishes	Walls	Painted Moisture-Resistant GWB with optional 54"-high tile wainscot, full-height tile in shower compartments
	Floor	Porcelain Tile, solid surface shower pans
	Base	Tile Cove Base to match floor except in shower compartments
	Ceiling	Moisture-Resistant Painted GWB
Plumbing		Per UFC 3-420-01- Plumbing Systems. Provide hot water storage and recovery systems considering peak demand hot water flows, similar to Appendix E of UFC 3-420-01.
HVAC		Per UFC 3-410-01- Heating, Ventilating and Air Conditioning Systems
Fire Protection / Alarm / Mass Notification Systems		Provide Fire Protection / Fire Alarm per UFC 3-600-01. Provide Mass Notification per UFC 4-021-01
Power		Provide Power Systems per UFC 3-520-01
Lighting		Provide lighting and controls in accordance with UFC 3-530-01, 3-3.6 Restrooms
Communication	Tele/Data	N/A
	CCTV	N/A
	CATV	N/A
	Security	N/A
Acoustical		Per UFC 3-450-01 for noise control
Furnishings/Equipment/ Casework		Provide shower rods and vinyl shower curtains.
Special Requirements		

Figure H7		Janitor
Description/Usage		Locate adjacent to restrooms to house janitorial supplies for the facilities.
Ceiling Height		9'-0"
Windows		N/A
Doors	Type	Solid Core Wood, 3'x7'
	Security/ Hardware	Keyed lockset
	View Panels/ Kick-Plates	Kick-Plate
Finishes	Walls	Painted Moisture-Resistant GWB or CMU and FRP at mop sink
	Floor	Sealed concrete
	Base	N/A
	Ceiling	Exposed
Plumbing		Per UFC 3-420-01- Plumbing Systems
HVAC		Per UFC 3-410-01- Heating, Ventilating and Air Conditioning Systems
Fire Protection / Alarm / Mass Notification Systems		Provide Fire Protection / Fire Alarm per UFC 3-600-01. Provide Mass Notification per UFC 4-021-01
Power		Provide Power Systems per UFC 3-520-01
Lighting		Provide lighting and controls in accordance with UFC 3-530-01, 3-3.6 Restrooms
Communication	Tele/Data	N/A
	CCTV	N/A
	CATV	N/A
	Security	N/A
Acoustical		Per UFC 3-450-01 for noise control
Furnishings/Equipment/ Casework		Wall-mounted mop/broom hooks. Shelving for storage. Floor sink.
Special Requirements		

Figure H8		Men's Restroom (Maintenance)
Description/Usage		Size restrooms per UFC 4 420 01 Plumbing requirements. Locate adjacent to Vehicle Maintenance Bays.
Ceiling Height		9'-0"
Windows		N/A
Doors	Type	Solid Core Wood, 3'x7'
	Security/ Hardware	Passage set
	View Panels/ Kick-Plates	Kick-Plate
Finishes	Walls	Painted Moisture-Resistant GWB with 54"-high tile wainscot
	Floor	Porcelain Tile
	Base	Tile Cove Base to match floor
	Ceiling	Moisture-Resistant Painted GWB
Plumbing		Per UFC 3-420-01- Plumbing Systems. Provide hot water storage and recovery systems considering peak demand hot water flows, similar to Appendix E of UFC 3-420-01.
HVAC		Per UFC 3-410-01- Heating, Ventilating and Air Conditioning Systems
Fire Protection / Alarm / Mass Notification Systems		Provide Fire Protection / Fire Alarm per UFC 3-600-01. Provide Mass Notification per UFC 4-021-01
Power		Provide Power Systems per UFC 3-520-01
Lighting		Provide lighting and controls in accordance with UFC 3-530-01, 3-3.6 Restrooms
Communication	Tele/Data	N/A
	CCTV	N/A
	CATV	N/A
	Security	N/A
Acoustical		Per UFC 3-450-01 for noise control
Furnishings/Equipment/ Casework		
Special Requirements		

Figure H9		Men's Locker/Shower Room (Maintenance)
Description/Usage		Provide 3 showers. Locate adjacent to Vehicle Maintenance Bays
Ceiling Height		9'-0"
Windows		N/A
Doors	Type	Solid Core Wood, 3'x7'
	Security/ Hardware	Passage set
	View Panels/ Kick-Plates	Kick-Plate
Finishes	Walls	Painted Moisture-Resistant GWB with optional 54"-high tile wainscot, full-height tile in shower compartments
	Floor	Porcelain Tile, solid surface shower pans
	Base	Tile Cove Base to match floor except in shower compartments
	Ceiling	Moisture-Resistant Painted GWB
Plumbing		Per UFC 3-420-01- Plumbing Systems. Provide hot water storage and recovery systems considering peak demand hot water flows, similar to Appendix E of UFC 3-420-01.
HVAC		Per UFC 3-410-01- Heating, Ventilating and Air Conditioning Systems
Fire Protection / Alarm / Mass Notification Systems		Provide Fire Protection / Fire Alarm per UFC 3-600-01. Provide Mass Notification per UFC 4-021-01
Power		Provide Power Systems per UFC 3-520-01
Lighting		Provide lighting and controls in accordance with UFC 3-530-01, 3-3.6 Restrooms
Communication	Tele/Data	N/A
	CCTV	N/A
	CATV	N/A
	Security	N/A
Acoustical		Per UFC 3-450-01 for noise control
Furnishings/Equipment/ Casework		Provide shower rods and vinyl shower curtains. Provide lockers for temporary storage of clothing.
Special Requirements		

Figure H10		Women's Restroom (Maintenance)
Description/Usage		Size restrooms per UFC 4 420 01 Plumbing requirements. Locate adjacent to Vehicle Maintenance Bays
Ceiling Height		9'-0"
Windows		N/A
Doors	Type	Solid Core Wood, 3'x7'
	Security/ Hardware	Passage set
	View Panels/ Kick-Plates	Kick-Plate
Finishes	Walls	Painted Moisture-Resistant GWB with 54"-high tile wainscot
	Floor	Porcelain Tile
	Base	Tile Cove Base to match floor
	Ceiling	Moisture-Resistant Painted GWB
Plumbing		Per UFC 3-420-01- Plumbing Systems. Provide hot water storage and recovery systems considering peak demand hot water flows, similar to Appendix E of UFC 3-420-01.
HVAC		Per UFC 3-410-01- Heating, Ventilating and Air Conditioning Systems
Fire Protection / Alarm / Mass Notification Systems		Provide Fire Protection / Fire Alarm per UFC 3-600-01. Provide Mass Notification per UFC 4-021-01
Power		Provide Power Systems per UFC 3-520-01
Lighting		Provide lighting and controls in accordance with UFC 3-530-01, 3-3.6 Restrooms
Communication	Tele/Data	N/A
	CCTV	N/A
	CATV	N/A
	Security	N/A
Acoustical		Per UFC 3-450-01 for noise control
Furnishings/Equipment/ Casework		
Special Requirements		

Figure H11		Women's Locker/Shower Room (Maintenance)
Description/Usage		Provide 3 showers. Locate adjacent to Vehicle Maintenance Bays
Ceiling Height		9'-0"
Windows		N/A
Doors	Type	Solid Core Wood, 3'x7'
	Security/Hardware	Passage set
	View Panels/Kick-Plates	Kick-Plate
Finishes	Walls	Painted Moisture-Resistant GWB with optional 54"-high tile wainscot, full-height tile in shower compartments
	Floor	Porcelain Tile, solid surface shower pans
	Base	Tile Cove Base to match floor except in shower compartments
	Ceiling	Moisture-Resistant Painted GWB
Plumbing		Per UFC 3-420-01- Plumbing Systems. Provide hot water storage and recovery systems considering peak demand hot water flows, similar to Appendix E of UFC 3-420-01.
HVAC		Per UFC 3-410-01- Heating, Ventilating and Air Conditioning Systems
Fire Protection / Alarm / Mass Notification Systems		Provide Fire Protection / Fire Alarm per UFC 3-600-01. Provide Mass Notification per UFC 4-021-01
Power		Provide Power Systems per UFC 3-520-01
Lighting		Provide lighting and controls in accordance with UFC 3-530-01, 3-3.6 Restrooms
Communication	Tele/Data	N/A
	CCTV	N/A
	CATV	N/A
	Security	N/A
Acoustical		Per UFC 3-450-01 for noise control
Furnishings/Equipment/Casework		Provide shower rods and vinyl shower curtains. Provide lockers for temporary storage of clothing.
Special Requirements		

Figure H12		Unisex Restroom (Command)
Description/Usage		Restroom facilities for the Command Group. Locate adjacent to the Command Group.
Ceiling Height		9'-0"
Windows		N/A
Doors	Type	Solid Core Wood, 3'x7'
	Security/ Hardware	Lock set
	View Panels/ Kick-Plates	Kick-Plate
Finishes	Walls	Painted Moisture-Resistant GWB and Ceramic with 54"-high porcelain tile wainscot
	Floor	Porcelain Tile
	Base	Tile Cove Base to match floor
	Ceiling	Moisture-Resistant Painted GWB
Plumbing		Per UFC 3-420-01- Plumbing Systems. Protect penetrations per the requirements of IC Tech Spec – for ICD/ICS, Technical Specifications for Construction and Management of Sensitive Compartmented Information Facilities
HVAC		Per UFC 3-410-01- Heating, Ventilating and Air Conditioning Systems. Protect penetrations per the requirements of IC Tech Spec – for ICD/ICS, Technical Specifications for Construction and Management of Sensitive Compartmented Information Facilities
Fire Protection / Alarm / Mass Notification Systems		Provide Fire Protection / Fire Alarm per UFC 3-600-01. Provide Mass Notification per UFC 4-021-01. Protect penetrations per the requirements of IC Tech Spec – for ICD/ICS, Technical Specifications for Construction and Management of Sensitive Compartmented Information Facilities
Power		Provide Power Systems per UFC 3-520-01
Lighting		Provide lighting and controls in accordance with UFC 3-530-01, 3-3.6 Restrooms
Communication	Tele/Data	N/A
	CCTV	N/A
	CATV	N/A
	Security	N/A
Acoustical		Per UFC 3-450-01 for noise control
Furnishings/Equipment/ Casework		
Special Requirements		

Figure H13		Individual Tactical Equipment Storage
Description/Usage		Personal storage for all personnel (240). Each person is authorized a lockable storage cage 7'x7'x8'. Individual Tactical Equipment Storage shall be located near simulators and restrooms/showers.
Ceiling Height		12'-0"
Windows		Daylighting
Doors	Type	Hollow Metal, 3'x7'
	Security/ Hardware	Passage set
	View Panels/ Kick-Plates	View panels
Finishes	Walls	Painted CMU
	Floor	Sealed Concrete
	Base	N/A
	Ceiling	Exposed to Structure
Plumbing		N/A
HVAC		Provide Heating, Ventilating and Air Conditioning Systems per UFC 3-410-01
Fire Protection / Alarm / Mass Notification Systems		Provide Fire Protection / Fire Alarm per UFC 3-600-01. Provide Mass Notification per UFC 4-021-01
Power		Provide Power Systems per UFC 3-520-01
Lighting		Provide lighting and controls in accordance with UFC 3-530-01, 3-3.4 Storage Rooms
Communication	Tele/Data	N/A
	CCTV	N/A
	CATV	N/A
	Security	N/A
Acoustical		Per UFC 3-450-01 for noise control
Furnishings/Equipment/ Casework		7'x7'x8' lockable storage cages. Personnel will supply own locks. 12 96"x96"x40" high equipment check tables with power and air compressors
Special Requirements		

Figure I1		Communications Room
Description/Usage		If second floor is required, communication rooms should be stacked to the extent possible.
Ceiling Height		12'-0"
Windows		N/A
Doors	Type	Hollow metal, 3'x7'
	Security/ Hardware	Keyed lockset
	View Panels/ Kick-Plates	Kick-Plate
Finishes	Walls	Painted GWB or CMU
	Floor	Sealed Concrete
	Base	N/A
	Ceiling	Painted Exposed Structure
Plumbing		N/A
HVAC		Per UFC 3-410-01- Heating, Ventilating and Air Conditioning Systems
Fire Protection / Alarm / Mass Notification Systems		Provide Fire Protection / Fire Alarm per UFC 3-600-01. Provide Mass Notification per UFC 4-021-01
Power		Provide Power Systems per UFC 3-520-01 and UFC 3-580-01
Lighting		Provide lighting and controls in accordance with UFC 3-530-01, 3-3.7 Telecommunication Rooms
Communication	Tele/Data	If approved by DMO, provide two commercial T-1 lines. Provide telecommunications design in accordance with UFC 3-580-01
	CCTV	N/A
	CATV	N/A
	Security	N/A
Acoustical		Per UFC 3-450-01 for noise control
Furnishings/Equipment/ Casework		
Special Requirements		

Figure I2		Electrical Room
Description/Usage		If second floor is required, electrical rooms should be stacked to the extent possible.
Ceiling Height		12'-0"
Windows		N/A
Doors	Type	Hollow metal, 3'x7'
	Security/ Hardware	Keyed lockset
	View Panels/ Kick-Plates	Kick-Plate
Finishes	Walls	Painted GWB or CMU
	Floor	Sealed Concrete
	Base	N/A
	Ceiling	Painted Exposed Structure
Plumbing		N/A
HVAC		Per UFC 3-410-01- Heating, Ventilating and Air Conditioning Systems
Fire Protection / Alarm / Mass Notification Systems		Provide Fire Protection / Fire Alarm per UFC 3-600-01. Provide Mass Notification per UFC 4-021-01
Power		Provide Power Systems per UFC 3-520-01
Lighting		Provide lighting and controls in accordance with UFC 3-530-01, 3-3.5 Mechanical Rooms
Communication	Tele/Data	Provide telecommunications design in accordance with UFC 3-580-01
	CCTV	N/A
	CATV	N/A
	Security	N/A
Acoustical		Per UFC 3-450-01 for noise control
Furnishings/Equipment/ Casework		
Special Requirements		

Figure I3		Mechanical Room
Description/Usage		If second floor is required, mechanical rooms should be stacked to the extent possible.
Ceiling Height		12'-0"
Windows		N/A
Doors	Type	Hollow metal, 3'x7'
	Security/ Hardware	Keyed lockset
	View Panels/ Kick-Plates	Kick-Plate
Finishes	Walls	Painted GWB or CMU
	Floor	Sealed Concrete
	Base	N/A
	Ceiling	Painted Exposed Structure
Plumbing		Per UFC 3-420-01- Plumbing Systems
HVAC		Per UFC 3-410-01- Heating, Ventilating and Air Conditioning Systems
Fire Protection / Alarm / Mass Notification Systems		Provide Fire Protection / Fire Alarm per UFC 3-600-01. Provide Mass Notification per UFC 4-021-01
Power		Provide Power Systems per UFC 3-520-01
Lighting		Provide lighting and controls in accordance with UFC 3-530-01, 3-3.5 Mechanical Rooms
Communication	Tele/Data	Provide telecommunications design in accordance with UFC 3-580-01
	CCTV	N/A
	CATV	N/A
	Security	N/A
Acoustical		Per UFC 3-450-01 for noise control
Furnishings/Equipment/ Casework		
Special Requirements		

Figure I4		Fire Pump Room (if required)
Description/Usage		If second floor is required, fire pump rooms should be stacked to the extent possible.
Ceiling Height		12'-0"
Windows		N/A
Doors	Type	Hollow metal, 3'x7'
	Security/ Hardware	Keyed lockset
	View Panels/ Kick-Plates	Kick-Plate
Finishes	Walls	Painted GWB or CMU
	Floor	Sealed Concrete
	Base	N/A
	Ceiling	Painted Exposed Structure
Plumbing		Per UFC 3-420-01- Plumbing Systems
HVAC		Per UFC 3-410-01- Heating, Ventilating and Air Conditioning Systems
Fire Protection / Alarm / Mass Notification Systems		Provide Fire Protection / Fire Alarm per UFC 3-600-01. Provide Mass Notification per UFC 4-021-01
Power		Provide Power Systems per UFC 3-520-01
Lighting		Provide lighting and controls in accordance with UFC 3-530-01, 3-3.5 Mechanical Rooms
Communication	Tele/Data	Provide telecommunications design in accordance with UFC 3-580-01
	CCTV	N/A
	CATV	N/A
	Security	N/A
Acoustical		Per UFC 3-450-01 for noise control
Furnishings/Equipment/ Casework		
Special Requirements		

Figure L1		Hazmat Storage
Description/Usage		100 SF fenced in open storage area for hazardous materials.
Ceiling Height		N/A
Windows		N/A
Gates	Type	Chain Link 6'
	Security/ Hardware	Gate Lock
	View Panels/ Kick-Plates	N/A
Finishes	Walls	N/A
	Floor	N/A
	Base	N/A
	Ceiling	N/A
Plumbing		Per UFC 3-420-01- Plumbing Systems. Provide freeze proof hydrants and drainage.
HVAC		N/A
Fire Protection / Alarm / Mass Notification Systems		N/A
Power		N/A
Lighting		N/A
Communication	Tele/Data	N/A
	CCTV	N/A
	CATV	N/A
	Security	N/A
Acoustical		Per UFC 3-450-01 for noise control
Furnishings/Equipment/ Casework		N/A
Special Requirements		In some locations a drain system may need to be incorporated

Figure L2		Military Vehicle Yard
Description/Usage		Fenced in storage yard for military vehicles to include all the support equipment and vehicles that accompany an ASOC UTC. The largest vehicles are 5-ton LMTVs and generator trailers.
Ceiling Height		N/A
Windows		N/A
Gates	Type	Chain link 6' high
	Security/ Hardware	Gate Lock
	View Panels/ Kick-Plates	N/A
Finishes	Walls	N/A
	Floor	N/A
	Base	N/A
	Ceiling	N/A
Plumbing		Pressurized freeze proof water hydrants and drainage
HVAC		N/A
Fire Protection / Alarm / Mass Notification Systems		N/A
Power		N/A
Lighting		N/A
Communication	Tele/Data	N/A
	CCTV	N/A
	CATV	N/A
	Security	N/A
Acoustical		Per UFC 3-450-01 for noise control
Furnishings/Equipment/ Casework		N/A
Special Requirements		Enclose where climate dictates.

Figure L3		Outdoor Training Area
Description/Usage		Provide exterior training area with space for a training ramp (90'-0" long x 6'-0" wide with 22'-0" rise) and 30'-0" high climbing rope. Locate conveniently to HPTC.
Ceiling Height		N/A
Windows		N/A
Doors	Type	N/A
	Security/ Hardware	Gate Lock
	View Panels/ Kick-Plates	N/A
Finishes	Walls	N/A
	Floor	N/A
	Base	N/A
	Ceiling	N/A
Plumbing		Pressurized freeze proof water hydrants and drainage
HVAC		N/A
Fire Protection / Alarm / Mass Notification Systems		N/A
Power		N/A
Lighting		N/A
Communication	Tele/Data	N/A
	CCTV	N/A
	CATV	N/A
	Security	N/A
Acoustical		Per UFC 3-450-01 for noise control
Furnishings/Equipment/ Casework		N/A
Special Requirements		Provide enclosed space for training ramp and climbing ropes where climate dictates.