

APPENDIX F1 - UEPH

UEPH FACILITIES FUNCTIONAL AND AREA REQUIREMENTS

NOTES:

1. Minimum ceiling height for all spaces is 8'-0" unless noted otherwise.
2. All workstations shall have one PC and phone unless noted otherwise.
3. Hours of operation for all occupied spaces are continuous 24/7 unless noted otherwise.

*6

4. Sound control requirements shall be per IBC Section 1206 ~~UFC 1-200-01 paragraph 1-6.13.5~~ and as indicated herein.

GENERAL. The UEPH buildings shall consist of living units, common areas, and support spaces. Each living unit shall be designed to be occupied by one or two soldiers. Provide 170 Two-person living units and 3 One-person living units to house a total of 343 enlisted personnel. Total gross building area of UEPH buildings shall not exceed 12,095.58 square meters (m²) 130,200 square feet (sf). UEPH facilities shall be no more than four stories.

The successful design scheme will maximize the area of the living units, provide the required support and common areas, and strictly comply with the overall gross building area limitation. An additional 144 enlisted personnel will be added to the complex in a future project. The additional personnel will be housed in modules to match those in this project. Building and site design shall anticipate and allow for this future project with minimal demolition and to ensure future addition meets the requirements of this RFP. Building spaces and areas shall be as follows:

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AREAS COMPRISING THE TWO-PERSON LIVING UNIT (Module)

Each Two-Person living unit, or module, will contain two individual living/sleeping rooms with closets, a shared service area with kitchenette, two private bathrooms and a mechanical room. Within each dwelling unit the perimeter of each person's private area (living/sleeping room, bath and closet) shall have partitions that extend to the underside of the structural deck and shall have minimum STC rating of 49. Spaces are as follows.

Individual Living/Sleeping Room

Provide two per module.

Area: Minimum net area 13 m² [140 sf]. Maximum net area 17 m² [182 sf].

Function: Private bedroom and living space for one enlisted person.

Adjacency requirements: Adjacent to service area, bathroom and closet.

Furnishings/Fixtures/Equipment:

Note: maximum sizes of furniture items were used/shown on the enlarged Module Plan layout, A-04, to show the floor circulation space available if the largest furniture items were provided during procurement.

- a. Nightstand - 450-560 mm [18"-26"] W x 400-510 mm [16"-20"]
D x 500-610 mm [20"-24"] H.
- b. Computer Desk w/chair - 810-920 mm [32"-36"] W x 550-660 mm [22"-26"] D
x 1820-1990 mm [72"-78"] H.

- c. Bachelor Chest - 710-820 mm [28"-32"] W x 450-560 mm [18"-22"] D x 660-770 mm [26"-30"] H.
- d. Single Bed - 965 mm [38"] W x 2032 mm [80" or 84"] L, Headboard 880-990 mm [35"-39"] H, 550-660 mm [22"- 26"] H footboard.
- e. Two Position Chair - Wood frame with arms, maximum dimensions shall not exceed approximately 610-610 mm [24" x 24"].
- f. Lamp - 510-610 mm [20" to 24"] H in a size appropriate for a lamp with a shade not to extend the edges of the nightstand.

Minimum Finishes:

Floor: vinyl composition tile

Base: wood or resilient cove base

Walls: painted gypsum wallboard or painted veneer plaster

Ceiling: painted gypsum wallboard, painted veneer plaster, or painted underside of precast concrete structural floor planks

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Other Requirements:

At least one exterior operable window with insect screen. Window shall meet egress requirements of NFPA 101 and International Building Code.

Minimum of one ~~combination~~-telephone/~~data~~ outlet in each Living /Sleeping room.

Minimum of one cable television outlet in each Living/Sleeping room.

Coordinate outlet locations with furniture arrangement.

Door to service area shall have F82 lockset function.

Unit entry door lockset shall be F13 with 1" bolt throw.

Closet

Provide one per living/sleeping room. Preferred layout is one walk-in closet. Total closet area may be split into a clothes closet and linen closet. If this is proposed, sum of closet areas must be at least 32 sf.

Area: Approximate net area 3 m² [32 sf].

Function: Private closet for clothing and storage of boxes and field gear.

Adjacency requirements: Adjacent to and accessed from living/sleeping room.

Furnishings/Fixtures/Equipment (FFE):

Minimum 79" rod and shelf.

Minimum Finishes:

Floor: vinyl composition tile

Base: wood or resilient cove base

Walls: painted gypsum wallboard or painted veneer plaster

Ceiling: painted gypsum wallboard, painted veneer plaster, or painted underside of precast concrete structural floor planks.

Other requirements:

Minimum 2'-4" wide door. If pair doors provided, both leaves shall have knobs. Door shall have classroom function (F84) lockset, or be equipped with a passage latchset and a hasp and door protection plate so the occupant can provide his/her own padlock and the door finish will not be marred by a padlock.

Service Area

Provide one per module.

Function: Circulation space, food preparation area, and eating area for occupants.

Adjacency requirements: Adjacent to living/sleeping rooms.

Furnishings/Fixtures/Equipment:

Table - Rectangular wood table with wood column and four prong wood base. 610-770 mm [24"D x 30" W] x 770 mm [30"] H.

Side Chairs - Wood side chair with arms and legs (not sled base), max. size approximately 610-610 mm [24" x 24"]. GFGI Refrigerator-freezer (minimum 9 total cubic feet).

GFGI microwave oven (minimum 0.9 cubic feet, 800 watts) mounted under wall cabinets.

Capped off range hood duct with exterior weather hood. Provide capability for future replacement of microwave with combination exterior vented range hood/microwave oven (min .9 cubic feet, 800 watts) mounted under wall cabinets at same location without requiring changes to utilities or cabinets. Duct shall be capped at cabinet.

Utility connections and cabinets that provide capability for future 2-burner electric cooktop below future range hood.

Minimum 1200 linear mm (4'-0") of 610mm [2'-0"] deep kitchen base cabinets and countertop, and minimum 1800 linear mm (6'-0") of 305mm [12"] deep wall cabinets. Wall cabinets shall be minimum 600mm [2'-0"] high; provide 600 mm [2'-0"] clear between countertop and bottom of wall cabinets at sink. Base cabinets shall have minimum of two 300 mm [12"] wide drawers. Plastic laminate countertop shall have side or backsplashes at all walls.

Single compartment, stainless steel kitchen sink with food strainer/stopper, minimum inside dimensions 400mm x 400mm x 175mm deep [1'-4" " x 1'-4" x 7" deep], with chrome-plated, single handle, washerless mixing faucet (refer to paragraph 8).

GFGI Fire extinguisher mounted inside base cabinet.

Minimum Finishes:

Floor: vinyl composition tile

Base: resilient cove base

Walls: painted gypsum wallboard or painted veneer plaster - scrubbable semigloss paint.

Wall area between countertop and wall cabinets: ceramic tile, plastic laminate, or color coordinated back wall shield (if unitized kitchen is used)

Ceiling: painted gypsum wallboard, painted veneer plaster, or painted underside of precast concrete structural floor planks - scrubbable semigloss paint.

Other requirements:

Door between service area and living/sleeping rooms may be minimum 750 mm [2'-6"] wide if living/sleeping room has a separate entrance door directly from corridor. If entry into module is at service area, doors to living/sleeping rooms and module entry door must be 3'-0" wide.

Chair rail or similar wall protection to protect walls from chair and table impact at wall areas around dining table.

Unit entry door lockset shall be F13 with 1" bolt throw.

A window is preferred.

Bathroom

Provide one bathroom per living/sleeping room.

Function: Bathing and toilet facilities for occupant; storage for occupants' bath articles.

Adjacency requirements: Adjacent to and accessed from interior hallway or living/sleeping room.

Furnishings/Fixtures/Equipment (FFE): Lavatory shall be minimum 475mm x 475mm [19" x 19"] self-rimming vitreous china, or cast-filled acrylic or solid surfacing material integrally molded to countertop. Provide chrome-plated washerless faucet with pop-up drain (refer to paragraph 8). Countertop shall be minimum 760mm [2'-6"] wide cast-filled acrylic, acrylic solid surfacing material, or plastic laminate with integrally molded, 100mm high coved backsplash. Provide 100mm high side splash at side walls. Provide plastic laminate surfaced vanity base cabinet with hinged door and minimum two 225mm [9"] wide drawers. Provide 6mm [1/4"] thick x minimum 1050mm [3'-6"] high mirror glass, full width of vanity countertop, with wall mounted vanity light fixture above mirror (refer to paragraph 9). Provide one recessed medicine cabinet, one soap holder, one toothbrush/tumbler holder. Provide floor mounted toilet with full seat and seat cover (lid). Provide bathtub, chrome-plated brass showerhead, and anti-scald single-handle mixing valve (refer to paragraph 8). Provide one minimum 600mm [2'-0"] long towel bar mounted on wall outside tub/shower enclosure, one wall mounted soap holder in the tub/shower, and one door mounted robe hook with two hooks. Provide wall mounted retractable clothesline across tub/shower. Provide mildew-resistant vinyl shower curtain with stainless steel curtain hooks and chrome-plated brass shower curtain rod. Provide single roll toilet tissue dispenser.

Minimum Finishes:

Floor: ceramic tile

Base: ceramic tile sanitary cove base

Walls: painted water-resistant gypsum wallboard or painted veneer plaster over ceramic tile wainscot minimum 48" high, or ceramic tile, or painted water-resistant gypsum wallboard or painted veneer plaster. Ceramic tile is preferred. Paint shall be scrubbable semigloss.. Walls around shower/tub enclosure shall be full height ceramic tile, or material with equivalent scratch-resistance, water-resistance, and durability.

*8

Ceiling: ~~painted exterior gypsum soffit board, or painted veneer plaster, painted Portland cement plaster, or painted underside of precast concrete structural floor planks. Paint shall be scrubbable semigloss~~moisture resistant suspended acoustical tile with corrosion resistant suspension grid.

Other requirements:

Door may be minimum 600mm [2'-0"] wide and shall have privacy function (F76) lockset.

HVAC system shall exhaust bathroom air; refer to paragraph 10.

Module Mechanical Area

Mechanical units shall be located in separate mechanical closets. Refer to paragraph 10. The following requirements will apply:

Function: Houses HVAC units for the module. Room shall not be used for storage or any purpose not related to the mechanical system. Access will be limited to maintenance personnel.

Adjacency requirements: Adjacent to and accessible only from public corridor.

Furnishings/Fixtures/Equipment: Mechanical system. Refer to paragraph 10.

Minimum Finishes:

Floor: sealed concrete

Base: resilient (none required at CMU walls)

Walls: painted gypsum wallboard, painted veneer plaster, or painted concrete masonry units.

Ceiling: painted gypsum wallboard or painted veneer plaster or painted underside of precast concrete structural floor planks

Other requirements: Swinging door sized to allow maintenance and removal of mechanical unit(s). Room construction shall comply with fire and smoke separation requirements of applicable codes.

AREAS COMPRISING THE ONE-PERSON LIVING UNIT (Module)

Each of three one-person living units or modules adjacent to the first floor Common Area will contain a living/sleeping room with closet, a service areawith kitchenette, mechanical room and a bathroom. Requirements for these spaces are the same as those specified for Areas Comprising the Two-Person Living Unit (Module).

UEPH COMMON AREAS

Common areas shall be located within a building containing living units. Entry lobby, CQ station, toilet rooms, mail room, public telephones, and vending area should be grouped together at the main entrance to one of the barracks buildings, adjacent to visitor parking area. Spaces are as follows:

Entry Lobby

Provide one.

Function: Primary entry point into the UEPH facility; minimal waiting area for visitors with seating arranged to allow TV viewing.

Adjacency requirements: Adjacent to main entry to UEPH facility. It is preferable to enter lobby area from two sides of building.

Furnishings/Fixtures/Equipment:

GFGI TV with CATV on CFCI ceiling or wall mounted bracket with locking tray.
Wall mounted electric water cooler.

Minimum Finishes:

Floor: porcelain tile or quarry tile.

Base: porcelain tile or quarry tile or stained wood base.

Walls: USG Category 2 Moderate Duty abuse-resistance; painted gypsum wallboard or painted veneer plaster.

Ceiling: suspended acoustical panel ceiling, painted gypsum wallboard, painted veneer plaster, painted portland cement plaster, or painted underside of precast concrete structural floor planks.

Other requirements:

One bulletin board 4'-0" high by 6'-0" wide with locking glass doors.

Entry Vestibules

Provide at each exterior entrance to lobby area.

Function: Primary entry point into the UEPH facility; weather protection for interior spaces.

Adjacency requirements: Adjacent to lobby.

Furnishings/Fixtures/Equipment:

Minimum Finishes:

Floor: porcelain tile or quarry tile

Base: porcelain tile or quarry tile

Walls: match exterior wall finish material (preferred) or match Entry Lobby finish material.

Ceiling: painted gypsum wallboard, painted veneer plaster, painted portland cement plaster, or painted underside of precast concrete structural floor planks.

Other requirements:

Charge of Quarters (CQ) Station

Provide one area, approximately 6.5 m² [70 sf].

Function: reception area for visitors; duty desk for barracks manager.

Adjacency requirements: Adjacent to lobby and main entry. Locate to allow observation of lobby, main entry, public telephones, and common outdoor areas.

Furnishings/Fixtures/Equipment:

Reception desk (built-in casework) minimum 2400 mm [8'-0"] long, with PC, security system monitor, telephone, writing area. Built-in communication and power receptacles. Desk shall have minimum two legal size file drawers and one pencil drawer. All drawers shall have locks. Desk components shall have plastic laminate or stained wood finish. Work surfaces and counters shall be solid surfacing material or plastic laminate.

Minimum Finishes: Match entry lobby.

Other requirements:

Toilet Rooms

Preference is for separate male and female toilet rooms; however, a single unisex room is the minimum requirement.

Function: Private, handicap accessible toilet for use by visitors and CQ.

Adjacency requirements: Adjacent to entry lobby and CQ station.

Furnishings/Fixtures/Equipment: Floor mounted toilet; wall hung lavatory; recessed multifold paper towel dispenser/trash receptacle; two-roll toilet tissue dispenser; sanitary napkin disposal for female toilet; liquid soap dispenser; wall mounted mirror over lavatory; wall mounted grab bars at toilet.

Minimum Finishes:

Floor: Ceramic tile, or porcelain tile

Base: Ceramic tile, or porcelain tile

Walls: Ceramic tile, or painted water-resistant gypsum wallboard above minimum 48" high ceramic tile wainscot. Paint shall be scrubbable semigloss.

Ceiling: Painted gypsum wallboard, painted veneer plaster, painted portland cement plaster, or painted underside of precast concrete structural floor planks.

Other requirements:

Janitor Closet

Provide on each floor of building.

Minimum area: 2.8 m² [30 sf] each.

Function: Sink and storage of cleaning supplies.

Adjacency requirements: Near toilet room on first floor; preferred location on upper floors is adjacent to laundry areas.

Furnishings/Fixtures/Equipment: Floor mop sink, mop rack for three mops, and minimum 1800 linear mm of wall mounted stainless steel shelving.

Minimum Finishes:

Floor: Ceramic tile or sealed concrete

Base: Resilient cove base or ceramic tile base. Ceramic tile is preferred.

Walls: Painted water-resistant gypsum wallboard, painted water-resistant gypsum wallboard over 48" high FRP wainscot or painted concrete masonry units. FRP wainscot is preferred. Paint shall be scrubbable semigloss.

Ceiling: Painted gypsum wallboard, painted veneer plaster, or painted underside of precast concrete structural floor planks.

Other requirements:

Door shall have classroom function (f84) lockset.

Slope floor to floor drain.

Vending Area

Provide minimum one area on ground floor. Additional vending areas with ice machine-dispensers at upper floors are preferred.

Function: Space for soft drink and snack vending machines, and ice machine-dispenser, waste and recycling receptacles.

Adjacency requirements: Near entry lobby.

Furnishings/Fixtures/Equipment:

One GFGI ice cube machine-dispenser designed for hotel ice bucket filling, capable of producing minimum 181 kg [400 lbs.] of regular ice cubes in 24 hours, with 180 lb. storage capacity with required plumbing connections. Ice machine shall have manufacturer's automatic cleaning system to clean and sanitize the water distribution system of the machine at scheduled intervals.

Ice machine shall be Energy Star compliant.

Four full-size GFGI soft drink and snack vending machines. Vending machines will not require plumbing connections.

One can recycling receptacle, one plastic bottle recycling receptacle and one waste receptacle. These may be a combination unit. Each receptacle shall be non-corroding, easily cleanable materials and construction and minimum 21-gallon capacity.

Minimum Finishes: Match entry lobby or adjacent corridor or breezeway.

Other requirements: Floor drain near ice machines; locate drain outside of traffic area.

Public Telephone Area

Provide one.

Function: Pay telephones for barracks occupants and visitors.

Adjacency requirements: Near lobby and CQ station.

Furnishings/Fixtures/Equipment:

Two pay telephones and telephone stations. Offeror shall contract with local telephone company or other telephone service provider to furnish and install pay telephones; rate charged for calls shall not exceed the average prevailing rate in the local off-post community. Each station will have divider panels to enhance acoustical privacy. Built-in seating at one station; the other station shall be wheelchair accessible. Capability to mount portable TDD at one station. Materials shall be vandal resistant and easily cleaned.

Minimum Finishes: Match entry lobby.

Other requirements:

Mail Room.

Provide one. Room shall be sized to allow access to all rear-loading mailboxes and parcel lockers. Provide minimum 1800 mm [6'-0"] clearance between back of mailboxes and any obstructions. To comply with force protection minimum standards, avoid routing key utilities (including communications, fire detection and alarm, water mains, etc.) through or on common walls to mail room. Design shall comply with United States Postal Service regulations.

Function: Secure area for sorting incoming mail and distributing to rear-loading mailboxes.

Adjacency requirements: Near CQ station and entry lobby. To comply with force protection minimum standards, locate mailroom on perimeter of building.

Furnishings/Fixtures/Equipment:

Plastic laminate-faced sorting table 750 mm [2'-6"] deep x minimum 2400 mm [8'-0"] long x 900 mm [3'-0"] high.

One United States Postal Service approved rear-loading mailbox for each living/sleeping space of the facility. Design space to provide for future addition of matching mailboxes for 144 future living/sleeping spaces with no revisions to framing. Postal units shall have lockable removable covers at mailroom side.

Minimum of nine two-key parcel lockers.

One outgoing mail collection chute.

One safe.

Minimum Finishes:

Floor: vinyl composition tile, or sealed concrete

Base: resilient cove base

Walls: painted gypsum wallboard or painted veneer plaster, or painted concrete masonry units

Ceiling: painted gypsum wallboard, painted veneer plaster, or painted underside of precast concrete structural floor planks.

Other requirements:

Safe anchor embedded in floor slab.

Postal units shall be in accordance with Section 10550.

All stud walls at perimeter of mailroom shall have 16 gauge expanded metal with 19mm diamond pattern spot welded to metal studs extending from floor to underside of deck above.

All concrete masonry walls at perimeter of mailroom shall extend to underside of deck above.

Door shall be a solid core wood dutch door with shelf. Lockset shall be function F13 with 1" bolt throw. Top leaf shall lock to bottom leaf with deadbolt with 1" bolt throw.

Mailbox Access Area.

Provide an area from which residents may access mailboxes to pick up their mail. Access shall be from a covered exterior area or from an interior lobby.

Mailboxes will be loaded from the interior mail room.

Function: Mail pickup area for residents.

Adjacency requirements: Adjacent to mail room. Located on ground floor, near CQ station and entry lobby.

Furnishings/Fixtures/Equipment:

Finishes: Interior: match entry lobby. Exterior: refer to exterior building material requirements.

Other requirements: For exterior location provide minimum 6'-0" of covered area in front of mailboxes (recess, building overhang, etc.) for weather protection; it is preferable to provide continuous covered area between mailbox access area and main entry. Provide adequate drainage at exterior areas.

Laundry Areas.

Provide laundry facilities dispersed to multiple floors. A minimum of one clothes washer per 12 residents, and 1.5 clothes dryers per washer (round fractional numbers to the next highest whole number) is required.

Function: Self-service washers and dryers and clothes folding areas for residents.

Adjacency requirements: Locate dryers on exterior walls with exhaust directly to exterior. Locate dryer exhaust wall caps away from operable windows. For noise considerations, it is preferable not to locate laundry rooms adjacent to living units (shared walls).

Furnishings/Fixtures/Equipment:

GFGI Commercial quality clothes washers and dryers (each minimum 2.5 cubic feet capacity), non-coin operation. Stacked dryers are preferred. Appliances shall be Energy Star compliant.

One plastic laminate-faced table with clothes hanging rod (minimum table size:1200 mm x 600 mm x 900 mm high [48" x 24" x 36" high]) per each four washers.

Minimum Finishes:

Floor: porcelain tile, quarry tile, or sealed concrete

Base: porcelain tile or quarry tile

Walls: painted water resistant gypsum wallboard or painted veneer plaster, or painted concrete masonry units; scrubbable semigloss paint.

Ceiling: painted gypsum wallboard, painted veneer plaster, painted Portland cement plaster, or painted underside of precast concrete structural floor planks; scrubbable semigloss paint.

Other requirements:

Insulated glass lites or sidelights at door to allow views into the room from the corridor.

Utilities concealed from view, but with easy maintenance access.

Utility connections located 900 mm [36"] above finish floor, unless otherwise recommended by manufacturer.

One floor drain for every four washers; located outside of traffic area.

Direct straight-run venting of dryer exhaust.

Partitions around laundry rooms shall have minimum STC of 45, and shall extend to underside of floor above.

Door shall have classroom function (F84) lockset.

Mud Rooms

Provide a minimum of two.

Function: Self-service rinsing mud and dirt off field gear, knapsacks and clothing prior to laundering.

Adjacency requirements: Locate on first floor at or convenient to non-public facility entrances. Do not locate at main lobby/public entrance.

Furnishings/Fixtures/Equipment:

Heavy-duty wall or ceiling-mounted hooks (4ea per room minimum) above floor drain or trench drain for hanging gear up for rinsing. Each hook must support 250 lbs and be corrosion-resistant for wet atmosphere.

Hose bibbs (minimum 2ea per room) conveniently located for hosing off gear on hooks

Minimum Finishes:

Floor: Nonslip. porcelain tile, quarry tile, monolithic coating or sealed concrete

Base: porcelain tile, quarry tile or monolithic coating (if used at floor)

Walls: Ceramic tile

Ceiling: Painted water-resistant gypsum wallboard;scrubbable semigloss epoxy paint.

Other requirements:

Slope floor to floor drain.

Multiple users must be able to rinse gear without getting each other wet.

Ventilation and daylighting to inhibit mold/mildew growth and promote drying.

Walk-off mats outside entries to minimize tracking of water to other parts of the facility.

Two doors - a separate entrance and exit.

UEPH SUPPORT AREAS.

Support areas include circulation spaces such as stairs and corridors; mechanical, electrical, and communications spaces; boot wash facilities and outdoor picnic shelters. Spaces are as follows:

Interior Corridor.

Provide as required to allow circulation to building spaces, and comply with applicable code egress requirements.

Function: Circulation and means of egress.

Adjacency requirements: Adjacent to vertical circulation. All one and two-person living units shall be adjacent to and accessed from an interior corridor.

Furnishings/Fixtures/Equipment (FFE):

GFGI Fire extinguishers in CFCI semi-recessed fire extinguisher cabinets to comply with applicable codes.

Finishes:

Floor: porcelain tile, quarry tile, vinyl composition tile, or integrally stained concrete.

Base: porcelain tile, quarry tile, or resilient cove base.

Walls: USG Category 2 Moderate Duty abuse-resistance; gypsum wallboard with painted finish. Scrubbable semigloss paint.

Ceiling: suspended acoustical panel ceiling, painted gypsum wallboard, painted veneer plaster, painted Portland cement plaster, or painted underside of precast concrete structural floor planks.

Other requirements:

Breezeway.

Refers to an unconditioned, covered circulation space that is enclosed on the long sides but open to the exterior on the ends. Provide as required to allow circulation to building spaces and comply with applicable code egress requirements. Barracks modules (one and two-person living units) shall **not** be accessed directly from a breezeway.

Function: Circulation and means of egress.

Adjacency requirements: Adjacent to vertical circulation.

Furnishings/Fixtures/Equipment (FFE):

GFGI Fire extinguishers in CFCI semi-recessed fire extinguisher cabinets to comply with applicable codes.

Finishes:

Floor: sealed concrete.

Base: exterior wall material.

Walls: exterior wall material.

Ceiling: painted exterior gypsum soffit board, painted Portland cement plaster, or painted underside of precast concrete structure above.

Other requirements:

With the exception of fire sprinkler systems, no piping, conduit or ductwork shall be exposed in breezeway.

Slip-resistant finish texture and positive drainage on concrete floor.

Guardrails shall be painted hot-dip galvanized steel or prefinished aluminum rail system designed in accordance with applicable codes. Prefinished aluminum rail system is preferred.

Exterior Corridor.

Refers to an unconditioned, covered circulation space that is enclosed on one long side (adjacent to the building) and has a guardrail on the other side.

Provide as required to allow circulation to building spaces and comply with applicable code egress requirements. Barracks modules (one and two-person living units) shall not be accessed directly from an exterior corridor.

Function: Circulation and means of egress.

Adjacency requirements: Adjacent to vertical circulation.

Furnishings/Fixtures/Equipment (FFE): GFGI Fire extinguishers in CFCI semi-recessed fire extinguisher cabinets to comply with applicable codes.

Finishes:

Floor: sealed concrete.

Base: exterior wall material.

Walls: exterior wall material.

Ceiling: painted exterior gypsum soffit board, painted Portland cement plaster, or painted underside of precast concrete structure above.

Other requirements:

With the exception of fire sprinkler systems, no piping, conduit or ductwork shall be exposed in exterior corridor.

Slip-resistant finish texture and positive drainage on concrete floor.

Guardrails shall be painted hot-dip galvanized steel or prefinished aluminum rail system designed in accordance with applicable codes.

Interior Stairs.

Provide as required to allow circulation to upper floors of the building, and to comply with applicable code egress requirements. Interior stairs are preferred over exterior stairs.

Function: Circulation and means of egress.

Adjacency requirements: Adjacent to corridors. Connects all floors of the building.

Furnishings/Fixtures/Equipment (FFE):

Stairs shall be steel construction with concrete-filled treads or cast-in-place concrete construction. Open risers and metal grating treads are prohibited.

Minimum Finishes:

Landing floor: porcelain tile, quarry tile, resilient tile, vinyl composition tile or sealed concrete.

Base: porcelain tile, quarry tile or resilient cove base.

Treads: porcelain tile, quarry tile, resilient treads or sealed concrete. Provide slip-resistant nosing if tile is used.

Risers: painted steel, porcelain tile, quarry tile or sealed concrete.

Walls: USG Category 2 Moderate Duty abuse-resistance; gypsum wallboard or concrete masonry units. Scrubbable semigloss paint.

Ceiling: suspended acoustical panel ceiling, painted gypsum wallboard, painted veneer plaster, painted Portland cement plaster, or painted underside of concrete structure above.

Other requirements: Railings shall be painted galvanized steel or prefinished aluminum.

Exterior Stairs.

Provide as required to allow circulation to upper floors of the building, and to comply with applicable code egress requirements. Exterior stairs shall be covered.

Function: Circulation and means of egress.

Adjacency requirements: Adjacent to corridors. Connects all floors of the building.

Furnishings/Fixtures/Equipment (FFE): Exterior stairs shall be cast-in-place concrete construction (preferred), or galvanized steel construction with concrete-filled treads. Open risers and metal grating treads are prohibited.

Minimum Finishes:

Landing floor: sealed concrete with slip-resistant finish texture and positive drainage.

Base: none

Treads: Sealed concrete with slip-resistant finish texture. Provide slip-resistant nosing.

Risers: painted steel, or sealed concrete.

Walls: exterior wall materials

Ceiling: painted exterior gypsum soffit board, painted Portland cement plaster, or painted underside of concrete structure above

Other requirements: Railings shall be painted galvanized steel or prefinished aluminum. Prefinished aluminum rail system is preferred.

Mechanical Areas.

Provide dedicated interior spaces and exterior areas for plumbing, fire protection, and HVAC equipment. Design rooms to allow equipment removal and maintenance without requiring demolition. Provide floor openings and vertical shaft spaces as necessary.

Function: Mechanical support spaces for the UEPH building.

Adjacency requirements: Locate main mechanical room on ground floor with doors opening to exterior. Mechanical support spaces shall not be used for storage or other purposes; access to mechanical spaces will be limited to authorized personnel. Locate exterior mechanical equipment and air intake and openings in exterior walls to comply with force protection standards. Avoid locating mechanical equipment rooms adjacent to living units (shared walls). Mechanical rooms adjoining sleeping rooms shall be separated by partitions with minimum STC 60 that extend to underside of deck above.

Furnishings/Fixtures/Equipment: As required by Statement of Work.

Minimum Finishes:

Floor: sealed concrete

Base: resilient cove base (none required if walls are concrete masonry units)

Walls: painted gypsum wallboard or painted veneer plaster, or painted concrete masonry units

Ceiling: none required

Other requirements:

Locate air intake and exhaust openings to provide optimum indoor air quality.

Roof mounted equipment shall not be used.

Screening around outdoor equipment areas (refer to paragraphs 3, 12).

Slope floor to floor drains.

Electrical Rooms.

Provide dedicated interior spaces and exterior areas for electrical equipment. Size and locate rooms to allow equipment removal and maintenance. Provide floor openings and vertical shaft spaces as necessary.

Function: Electrical support spaces for the UEPH building.

Adjacency requirements: Locate main electrical equipment room on ground floor. Electrical rooms on upper floors should be located to allow efficient distribution. Size and locate rooms to allow equipment removal and maintenance. Electrical rooms shall not be used for storage or other purposes; access to

electrical rooms will be limited to authorized personnel. Locate exterior electrical equipment to comply with force protection standards.

Furnishings/Fixtures/Equipment: As required by Statement of Work.

Minimum Finishes:

Floor: sealed concrete

Base: resilient cove base (none required if walls are concrete masonry units)

Walls: painted gypsum wallboard or painted veneer plaster, or painted concrete masonry units

Ceiling: none required

Other requirements:

Electrical service to the building shall be underground.

Provide visual screening that complies with force protection standards at outdoor equipment.

Provide storeroom function (F86) lockset.

Communication Rooms.

Provide dedicated interior rooms for communication equipment. All spaces having telephone or computer data outlets shall be located to allow a maximum cable length of 295 feet between outlet and panel termination in communication room. Size and locate rooms to allow equipment removal and maintenance; room area shall be minimum of 1.1 % of the building area served, however, minimum dimensions for each communication room shall be 2400 mm x 2400 mm [8'-0" x 8'-0"]. Vertical stacking of communication rooms is preferred. Comply with IDG.

Function: Telephone and data network support spaces for the UEPH building.

Adjacency requirements: Locate to allow efficient distribution. Communication rooms on upper floors shall be vertically stacked above each other. Communication rooms shall not be used for storage or other purposes; access will be limited to authorized personnel.

Furnishings/Fixtures/Equipment: As required by Statement of Work.

Minimum Finishes:

Floor: vinyl composition tile

Base: resilient cove base.

Walls: painted gypsum wallboard. See IDG for additional requirements.

Ceiling: suspended acoustical panel ceiling

Other requirements: Communication service to the building shall be underground. Provide floor openings and vertical shaft spaces as necessary. Provide a minimum of three 100 mm [4"] diameter empty conduits between vertically stacked communication rooms.

Provide storeroom function (F86) lockset.

Boot Wash Areas.

Provide paved exterior boot wash area at each entry point to the UEPH building except for Lobby entrances. Design area for use by one soldier at a time.

Function: Exterior area for washing footgear prior to entering building.

Adjacency requirements: Locate on ground floor, adjacent to each entrance other than Lobby entrances to the UEPH building.

Furnishings/Fixtures/Equipment:

Drainage assembly: Removable 900 mm x 900 mm aluminum or stainless steel grating, with non-slip surface, supported by concrete storm drainage inlet box. Filtered runoff shall be piped to storm drainage system. Freeze-proof wall or post hydrant with aerator nozzle mounted approximately 400 mm above grating, control valve mounted at 800 mm above pavement. 3'-0" long metal grab bar above control valve, mounted at 1000 mm above pavement. Top of grating and concrete structure shall

align with adjacent concrete sidewalk. Concrete sidewalk between boot wash area and entrance sidewalk.

Finishes: refer to exterior building material requirements.

Other requirements:

Adequate drainage away from building.

Picnic Shelter.

Minimum area 17'-0" x 17'-0" covered picnic shelter with adjoining minimum 12'-0" x 6'-4" uncovered slab for pedestal charcoal grill. Shelter, grill and site furniture shall comply with IDG.

Function: Exterior covered picnic shelter for use by barracks occupants.

Adjacency requirements: Locate convenient for barracks occupants and with privacy from administrative facilities, barracks lobby, streets and parking areas.

Furnishings/Fixtures/Equipment:

Two picnic tables.

One fixed litter receptacle inside shelter with removable 120-liter high-density plastic liner.

One pedestal charcoal grill at uncovered slab extension.

Finishes:

Floor: Concrete slab, slip resistant, pitched for positive drainage.

Structure: Comply with IDG.

Roof: Shingles

Other requirements:

Electrical outlet

Lighting

Outside Storage Building

Provide one separate, enclosed, weatherproof storage building.

Minimum area: 6 sm (65 sf)

Function: Storage for the following items (not in contract): lawn mowers, landscape maintenance equipment, snow removal equipment, tools and one flammable storage cabinet for storing maximum of one five-gallon safety can of gasoline and twelve one-quart containers of motor oil.

Adjacency requirements: Locate remote from UEPH and other occupied buildings. It is preferable to locate the storage building adjacent to a trash dumpster area. Comply with building code setback requirements. Provide minimum force protection setback of 25 meters (82 feet) to UEPH buildings and any other inhabited buildings.

Furnishings/Fixtures/Equipment:

One interior light fixture with safety cage, controlled by occupancy sensor switch. No electrical receptacles shall be provided.

Building Materials:

Exterior wall: Masonry to match materials used on masonry screen walls.

Structure: noncombustible materials. Fire-retardant wood or plywood shall not be used.

Roofing: Match UEPH building.

Interior wall finish: painted gypsum wallboard or painted concrete masonry units

Ceiling: painted exposed structure

Other requirements:

Wall louvers to allow natural cross-ventilation. Roof penetrations are not acceptable.

Hollow metal door and frame with storeroom (F86) lockset.

Comply with NFPA 30 requirements for storage of flammable materials.

Minimum 4'-0" wide sidewalk from entry door to adjacent pavement or sidewalk.
CFCI Bracket-mounted GFGI fire extinguisher.

APPENDIX F2

COMPANY OPERATIONS FACILITIES FUNCTIONAL AND AREA REQUIREMENTS

NOTE: Hours of operation for all spaces are regular business day unless noted otherwise. Minimum ceiling height for all spaces is 8'-0" unless noted otherwise. All workstations have one PC and phone unless noted otherwise. All personnel doors are minimum 3'-0" wide unless noted otherwise.

GENERAL. Company Operations Facilities (COF) shall consist of administrative and supply areas for each company, support spaces, and common locker/shower facilities. Provide facilities for 4 large companies, 2 medium companies, and 1 small company. One of the medium companies houses the SWAT Team and varies from the standard in several areas. The SWAT Team medium COF requirements differences are indicated in this appendix. Net areas of administrative spaces are the same for each size company; net areas of supply spaces and locker/shower facilities vary with company size. Total gross building area of all COF buildings shall not exceed 6734.79 m² 72,495 sf. Facilities may comprise a single building or multiple buildings. Buildings shall be no more than two stories in height. In a two-story configuration, locker/shower areas shall be located on the first floor; some supply areas may be may be located on the second floor but are preferred on the first floor; administrative functions may be located on the second floor. An elevator is not required. Where grouping multiple COF's in one building is shown, each company must function independently, and must be secured from other COFs. Solid, opaque partitions must separate COFs. Provide separate exterior entrances to the administrative and supply areas of each COF. Common mechanical rooms may be used, but mechanical and electrical systems must provide each company with independent operation and control. Locker/shower spaces are to be provided for each company. These locker/shower spaces may be combined and shared by all companies in a building or combined locker/shower spaces may be provided in a separate building. To the greatest extent possible, buildings shall be arranged to allow future reconfiguration of company sizes. For example, changes in mission may require the conversion of a building housing two large companies and one medium company into a building housing four small companies. In this example, an addition would be constructed to house the administrative functions of the fourth company and supply areas would be reconfigured for four small companies. COF functions and areas shall be as follows:

COF ADMINISTRATIVE AREAS

Provide one group of administrative areas per company. Company leadership will manage the organization, receive visitors, and conduct day-to-day business from the COF administrative areas. Provide an easily identified, covered entrance. Entrance shall be separate and distinct from the entrances to company supply areas and to other COF administrative areas. Administrative area must be able to be locked to preclude entry from the other spaces assigned to the Company. Exterior wall space above or adjacent to the entrance will be used to display company identification signage. Provide interior circulation to company supply areas. Only able-bodied military personnel will utilize this building, thus provisions for the disabled are not required. Provide the following areas for each company:

Company Commander (CO)

Provide one; 14 m² [150 sf]. Room shall be accessed through the Admin Office.

Occupants: 1, and occasional visitors.

Function: Private office for commanding officer.

Adjacency requirements: Adjacent to Admin Office; near XO, 1st SGT, and Training Office.

Furnishings/Fixtures/Equipment:

Wood furniture - U-Shaped Workstation to include:

- a. High back task chair, side chairs minimum 2.
- b. Single Pedestal Desk/Conferencing Area - Minimum 900 mm [36"] deep x appropriate length work surface and return minimum 600 mm [24"] deep x appropriate length with articulating keyboard tray.
- c. Storage Credenza with lateral files, overhead storage with doors - minimum 600 mm [24"] deep x appropriate length.
- d. Attached Storage Cabinet - Single door with coat storage and shelves.

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1 ea marker board 36" wide, 48" high

Secret Internet Protocol Router Network (SIPRNET) connection.

Minimum Finishes:

Floor: vinyl composition tile

Base: resilient base

Walls: painted gypsum wallboard or painted veneer plaster

Ceiling: suspended acoustical panel ceiling

Other requirements:

Room shall have exterior window.

Partitions shall have minimum STC rating of 49.

Executive Officer (XO)

Provide one; 9.3 m² [100 sf]. Room shall be accessed through the Admin Office.

Occupants: 1 and occasional visitors.

Function: Private office for the company executive officer.

Adjacency requirements: Adjacent to Admin Office; near CO, 1 SGT, and Training Office.

Furnishings/Fixtures/Equipment:

Wood furniture - U-Shaped Workstation to include:

- a. High back task chair, side chairs minimum 2.
- b. Single Pedestal Desk/Conferencing Area - Minimum 900 mm [36"] deep x appropriate length work surface and return minimum 600 mm [24"] deep x appropriate length with articulating keyboard tray.
- c. Storage Credenza with lateral files, overhead storage with doors - minimum 600 mm [24"] deep x appropriate length.

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One security safe

1ea marker board 36" wide, 48" high

Secret Internet Protocol Router Network (SIPRNET) connection.

Minimum Finishes:

Floor: vinyl composition tile

Base: resilient base

Walls: painted gypsum wallboard or painted veneer plaster

Ceiling: suspended acoustical panel ceiling

Other requirements:

Floor anchor for GFGI security safe. Coordinate anchor location with furniture layout; refer to Section 01010 for floor anchor requirements.

Room shall have exterior window.

Partitions shall have minimum STC rating of 49.

First Sergeant (1 SGT)

Provide one; 11 m² [120 sf]. Room shall be accessed through the Admin Office.

Occupants: 1, and occasional visitors.

Function: Private office for the company first sergeant (highest ranking non-commissioned officer).

Adjacency requirements: Adjacent to Admin Office; near CO, XO, and Training Office.

Furnishings/Fixtures/Equipment:

Wood furniture - U-Shaped Workstation to include:

- a. High back task chair, side chairs minimum 2.
- b. Single Pedestal Desk/Conferencing Area - Minimum 900 mm [36"] deep x appropriate length work surface and return minimum 600 mm [24"] deep x appropriate length with articulating keyboard tray.
- c. Storage Credenza with lateral files, overhead storage with doors - minimum 600 mm [24"] deep x appropriate length.

One GFGI security safe.

1 ea marker board 36" wide, 48" high

Minimum Finishes:

Floor: vinyl composition tile

Base: resilient base

Walls: painted gypsum wallboard or painted veneer plaster

Ceiling: suspended acoustical panel ceiling

Other requirements:

Room shall have exterior window.

Partitions shall have minimum STC rating of 49.

Floor anchor for GFGI security safe. Coordinate anchor location with furniture layout; refer to Section 01010 for floor anchor requirements.

Training Office

Provide one; 9 m² [100 sf]. Room shall be accessed through the Admin Office.

Occupants: 1, and occasional visitors.

Function: Private office for the company Training Officer.

Adjacency requirements: Adjacent to Admin Office; near CO, XO, and 1 SGT.

Furnishings/Fixtures/Equipment:

Metal/Laminate ADP/Modular Workstations- L-Shaped Workstation to include:

- a. 750 x 1500 mm [30" x 60"] work surface.
- b. 1500 mm [60"] overhead storage with doors.

- c. 900 x 750 mm [36" x 30"] computer surface with articulating keyboard tray.
- d. Box, box, file storage pedestal key lock.
- e. Task chair/side chair.
- f. One bookcase (three shelves)
- g. Two - Lateral files

1 ea marker board 36" wide, 48" high

Minimum Finishes:

Floor: vinyl composition tile

Base: resilient base

Walls: painted gypsum wallboard or painted veneer plaster

Ceiling: suspended acoustical panel ceiling

Other requirements:

Exterior window is desirable.

Partitions shall have minimum STC rating of 49.

Admin Office

Provide one area; minimum 26.4 m² [285 sf], including interior circulation. Room shall be accessed through the Waiting Area.

Occupants: 2 clerks, and occasional visitors.

Function: Office for company administrative clerks, storage of files, access to private offices. Clerks will have visual control of waiting area and conference room door.

Adjacency requirements: Adjacent to Waiting Area; CO, XO, 1 SGT, and Training Office. Adjacent to or near Conference Room. Near main entrance to Administrative Area.

Furnishings/Fixtures/Equipment:

Two - Metal/Laminate ADP/Modular Workstations - L-Shaped Workstations to include:

- a. 30" x 60" worksurface.
- b. 60" overhead storage with doors.
- c. 36" x 30" computer surface with articulating keyboard tray.
- d. Box, box, file storage pedestal key lock.
- e. Task chair/side chair

Reception desk (built-in casework) separating the Admin Office from the Waiting Area. The counter on the Waiting Area side shall be 1016 mm high x 300 mm deep. Admin side of reception desk shall be at desk height, and shall accommodate computer and monitor (not in contract), and writing area. Provide built-in communication and power receptacles or grommets in desk top to access wall receptacles. Desk shall have knee space and minimum two cabinets with

hinged doors, and two drawers. Drawers and cabinets shall have keyed locks. Desk components shall have plastic laminate or stained wood finish.

GFGI Photocopier, GFGI fax, GFGI laser printer, copier supplies storage, waste and paper recycling receptacles

Minimum Finishes:

Floor: vinyl composition tile

Base: resilient base

Walls: USG Category 1 Light Duty abuse-resistance; painted gypsum wallboard or painted veneer plaster

Ceiling: suspended acoustical panel ceiling

Other requirements: Exterior window is desirable.

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Admin Storage

Provide one; minimum area ~~2-1.85~~ m² [~~22-20~~ sf]. Room shall be accessed from the Admin Office.

Function: Closet for storage of supplies, paper, etc.

Adjacency requirements: Adjacent to Admin Office.

Furnishings/Fixtures/Equipment: Built-in shelving.

Minimum Finishes:

Floor: vinyl composition tile

Base: resilient base

Walls: painted gypsum wallboard or painted veneer plaster

Ceiling: suspended acoustical panel ceiling, painted gypsum wallboard, or painted veneer plaster.

Other requirements:

Administrative Area Corridor

Provide as required to allow circulation to building spaces, and comply with applicable code egress requirements. Unless otherwise required, minimum corridor width shall be 1200 mm [4'-0"]. Administrative area corridor shall be capable of being secured from exterior entrances and from any adjacent public, unsecured corridors.

Function: Circulation and means of egress.

Adjacency requirements: Adjacent to entry vestibule, and vertical circulation (where occurs). Corridor(s) shall provide access to administrative area spaces and shall provide circulation between administrative spaces and supply spaces. Corridor may directly link a company's administrative area to its supply area; or the company's administrative area corridor may provide access to a public, unsecured corridor that provides access to the supply areas of all companies in the building.

Furnishings/Fixtures/Equipment (FFE):

One electric water cooler

Semi-recessed fire extinguisher cabinets to comply with applicable codes.

Minimum Finishes:

Floor: porcelain tile, quarry tile, or vinyl composition tile.

Base: porcelain tile, quarry tile, or resilient cove base.

Walls: USG Category 1 Light Duty abuse-resistance; gypsum wallboard with painted finish.

Ceiling: suspended acoustical panel ceiling, painted gypsum wallboard, painted veneer plaster, or painted Portland cement plaster.

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Other requirements: ~~None~~ Resilient corner guards.

Waiting Area

Provide one area, approximately 10 m² [110 sf] incorporated into the Administrative Area Corridor.

Occupants: Two or more visitors; additional visitors (e.g. those waiting to attend a large meeting in the conference room) will wait in the adjacent corridor.

Function: Waiting and reception area for company soldiers and visitors. Control point for access to admin office and conference room.

Adjacency requirements: Adjacent to, or very close to, entry vestibule; reception desk should be easily seen by visitors entering the building. Waiting Area is open to Administrative Area Corridor.

Furnishings/Fixtures/Equipment (FFE):

Two side chairs.

One 1200 mm high x 2400 mm wide [4'-0" x 8'-0"] wall mounted bulletin board with locking glass doors

Minimum Finishes: Match Administrative Area Corridor. Patterning with accent color tiles is preferred.

Other requirements:

Entry Vestibule

Provide at main exterior entrance to Administrative Area Corridor.

Function: Primary entry point into the COF; weather protection for interior spaces.

Adjacency requirements: Adjacent to Administrative Area Corridor.

Furnishings/Fixtures/Equipment:

Minimum Finishes:

Floor: porcelain tile, quarry tile, or vinyl composition tile.

Base: porcelain tile, quarry tile or resilient cove base

Walls: Match exterior wall finish material (preferred), or USG Category 1 Light Duty abuse-resistance; gypsum wallboard or veneer plaster; painted scrubbable semigloss.

Ceiling: painted gypsum wallboard, painted veneer plaster, or painted Portland cement plaster.

Other requirements:

Provide aluminum storefront entrance doors on exterior and corridor sides of vestibule. Additional aluminum storefront area (sidelights, transoms) is desirable.

Provide minimum 1500 mm [5'-0"] deep exterior covered area (entry porch) full width of storefront.

Provide location for company identification signage on exterior wall above or adjacent to entrance.

Provide recessed entry mat.

Platoon Office

Provide four; each 11 m² [120 sf]. At SWAT Team COF provide three. Offices shall be accessed directly from the Administrative Area Corridor.

Occupants: 2 in each office, and occasional visitors.

Function: Private office for platoon leaders or other administrators.

Adjacency requirements: Adjacent to Administrative Area Corridor. Near Admin Office.

Furnishings/Fixtures/Equipment:

2ea - Metal/Laminate ADP/Modular Workstation - L-Shaped Workstation to include:

- a. 30" x 60" work surface.
- b. 60" overhead storage with doors.
- c. 36" x 30" computer surface with articulating keyboard tray.
- d. Box, box, file storage pedestal key lock.
- e. Task chair/side chair.
- f. Lateral file

1 ea marker board 36" wide, 48" high
1 ea bulletin board 36" wide, 48" high

Minimum Finishes:

Floor: vinyl composition tile

Base: resilient cove base

Walls: USG Category 1 Light Duty abuse-resistance; gypsum wallboard or veneer plaster; painted.

Ceiling: suspended acoustical panel ceiling

Other requirements:

Partitions shall have minimum STC rating of 49.
Exterior window is preferred.

Conference Room

Provide one; 31.5 m² [340 sf]. Room shall be accessed from the Administrative Area Corridor or the Waiting Area (preferred). Admin clerks shall have visual control of Conference Room door.

Occupants: up to 22 persons.

Function: Conference room for company leadership, staff, and visitors. Functions will include staff meetings, training.

Adjacency requirements: Adjacent to Admin Office or Waiting Area.

Furnishings/Fixtures/Equipment:

Conference table per paragraph 5-5.12.5.11 and seating.

one marker board (minimum 2400 mm wide x 1200 mm high [8'-0" x 4'-0"])

one bulletin board (minimum 2400 mm wide x 1200 mm high [8'-0" x 4'-0"])

one 2400 mm wide [8'-0"] wall mounted pull-down projection screen

Minimum Finishes:

Floor: vinyl composition tile - patterning with accent color tiles is preferred.

Base: resilient base

Walls: USG Category 1 Light Duty abuse-resistance; gypsum wallboard or veneer plaster; painted.

Ceiling: suspended acoustical panel ceiling

Other requirements: Partitions shall have minimum STC rating of 49.

Chair rail all walls - coordinate height with chairs selected.

Conference Room Storage

Provide one; minimum area 2 m² [22 sf]. Room shall be accessed from the Conference Room.

Function: Closet for storage of folding tables, display easels, etc.

Adjacency requirements: Adjacent to Conference Room.

Furnishings/Fixtures/Equipment: None.

Minimum Finishes:

Floor: vinyl composition tile

Base: resilient base

Walls: painted gypsum wallboard or painted veneer plaster

Ceiling: suspended acoustical panel ceiling, painted gypsum wallboard, or painted veneer plaster

Other requirements:

Men's Toilet

Provide one private toilet room. Room shall be accessed from Administrative Area Corridor.

Function: Men's single-occupant toilet and lavatory, for use by staff and visitors.

Adjacency requirements: Adjacent to Administrative Area Corridor. Near Women's Toilet.

Furnishings/Fixtures/Equipment (FFE): One floor mounted toilet, one wall-hung lavatory, mirror with shelf above lavatory, Paper towel dispenser/waste receptacle, soap dispenser and double roll toilet tissue dispenser.

Minimum Finishes:

Floor: porcelain tile, or ceramic tile.

Base: porcelain tile, or ceramic tile.

Walls: ceramic tile

Ceiling: painted gypsum wallboard, painted veneer plaster or painted Portland cement plaster.

Other requirements: Partitions shall have minimum STC rating of 49.

Women's Toilet

Provide one private toilet room. Room shall be accessed from Administrative Area Corridor.

Function: Women's single-occupant toilet and lavatory, for use by staff and visitors.

Adjacency requirements: Adjacent to Administrative Area Corridor. Near Men's Toilet.

Furnishings/Fixtures/Equipment (FFE): One floor mounted toilet, one wall-hung lavatory, mirror with shelf above lavatory, Paper towel dispenser/waste receptacle, soap dispenser, sanitary napkin disposal and double roll toilet tissue dispenser.

Minimum Finishes:

Floor: porcelain tile, or ceramic tile.

Base: porcelain tile, or ceramic tile.

Walls: ceramic tile

Ceiling: painted gypsum wallboard, painted veneer plaster or painted Portland cement plaster.

Other requirements: Partitions shall have minimum STC rating of 49.

Communication Room (IMS)

Provide dedicated interior room or rooms for communication distribution equipment. Rooms shall be dedicated to one company, and shall not be combined

with mechanical or electrical rooms. Main communication room for each COF shall be accessed from Administrative Area Corridor. Access will be limited to authorized personnel. Provide each company with one main communication room; minimum size 2100 mm [7'-0"] x 3000 mm [10'-0"]. In two story buildings the communication room shall be located on the second floor. Provide additional communication rooms as needed; all spaces having telephone or computer data outlets shall be located to allow a maximum cable length of 295 feet from outlet to termination at panel in communication room. Provide floor openings and vertical shaft spaces as necessary.

Function: Telephone and data network support spaces for the COF.

Adjacency requirements: Locate to allow efficient distribution. Communication rooms shall not be used for storage or other purposes; access will be limited to authorized personnel.

Furnishings/Fixtures/Equipment: As required by Statement of Work.

Minimum Finishes:

Floor: vinyl composition tile

Base: resilient cove base

Walls: painted gypsum wallboard or painted veneer plaster, or painted concrete masonry units

*6

Ceiling: ~~painted gypsum wallboard, painted veneer plaster, or~~ suspended acoustical panel ceiling

Other requirements:

*6

Secure Communication Room

Provide dedicated interior room for secure communication distribution equipment. Room shall be dedicated to one company, and shall not be combined with communication, mechanical or electrical rooms. Secure communication room for each COF shall be accessed from Administrative Area Corridor. Access will be limited to authorized personnel. Provide each company with one secure communication room; minimum area 36 sf. In two-story buildings the communication room shall be located on the second floor. Provide additional secure communication rooms as needed; all spaces having SIPRNET or NIPRNET outlets shall be located to allow a maximum cable length of 295 feet from outlet to termination in secure communication room. Provide floor openings and vertical shaft spaces as necessary.

Function: Secure data network support spaces for the COF.

Adjacency requirements: Locate to allow efficient distribution. Communication rooms shall not be used for storage or other purposes; access will be limited to authorized personnel.

Furnishings/Fixtures/Equipment: As required by Statement of Work. GFGI SPIRNET encryption equipment.

Minimum Finishes:

Floor: Vinyl composition tile

Base: Resilient cove base

Walls: Painted gypsum wallboard or painted veneer plaster, or painted concrete masonry units

Ceiling: None

Other requirements: Partitions must extend to underside of structural deck above. Door to have combination cipher lock. No windows or other openings.

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COF SUPPLY AREAS

Provide one group of supply areas per company; locate on the ground floor

unless noted otherwise. COF supply areas will be used to store, clean, and repair company operational equipment and weapons. Main entrance to supply areas will be from paved service area; service area will be used for loading company equipment on and off of military vehicles including large trucks. Entrance shall be separate and distinct from the entrances to company administrative areas and to other COF supply areas. Exterior wall space above or adjacent to the entrance will be used to display company identification signage. Provide lea exterior weatherproof bulletin board 36" wide by 48" high with locking glass doors adjacent to exterior Supply Area entry. Provide interior circulation to company administrative areas. Only able-bodied military personnel will occupy COF facilities; handicapped accessibility is not required. Wire mesh partitions shall be used to separate storage areas from each other and from Equipment Maintenance Area. All gypsum board walls in COF Supply Areas, including circulation routes between them, will have USG Category 2 Moderate Duty abuse-resistant wall finish and resilient corner guards. All walls in COF Supply Areas, including circulation routes between them, will have scrubbable semigloss paint. Provide the following areas for each company:

Equipment Maintenance Area

Provide one area. Minimum area: Large company 113 m² [1,220 sf]; Medium company 76 m² [820 sf]; SWAT Team company 18.5 m² [200 sf]; Small company 53 m² [570 sf]. Main exterior entry shall open to paved service yard. Provide interior access from COF administrative area via administrative area corridor, stairs or public unsecured corridor connecting other COFs in the building.

Function: Equipment cleaning, repair and access to COF storage spaces.

Adjacency requirements: Adjacent to exterior paved area for loading equipment on large vehicles. Convenient access without passing through administrative area to Arms Vault, TA-50 Lockers, and storage spaces. Adjacent to, or near Administrative Area.

Furnishings/Fixtures/Equipment:

Stainless steel equipment cleaning sinks 600 mm x 600 mm x 350 mm deep [24" x 24" x 14"], (three sinks for large and medium companies, two sinks for small companies), located near exterior doors.

Semi-recessed fire extinguisher cabinets to comply with applicable codes.

Minimum Finishes:

Floor: sealed concrete

Base: resilient cove base (none required if walls are concrete masonry units)

Walls: painted gypsum wallboard or painted concrete masonry units at exterior walls and walls separating Equipment Maintenance from all other adjacent areas. Painted reinforced CMU or concrete walls will separate Arms Vault from Equipment Maintenance. Wire mesh partitions will separate storage areas from Equipment Maintenance.

Ceiling: painted exposed structure.

Other requirements:

Pair of 900 mm wide hollow metal doors opening onto the paved service yard; doors shall have hold open devices.

Arms Vault

Provide one. Area: Large company 43 m² [465 sf] ; Medium company 33 m² [355 sf]; Small company 33 m² [355 sf]. Construction of Arms Vault shall comply with Section 01010 paragraph 5.6 Physical Security Requirements. Room shall be accessed from Equipment Maintenance area without passing through administrative area.

Occupants:1

Hours of Operation: Continuous 24/7

Function: Storage and issue of weapons and ammunition.

Adjacency requirements: Adjacent to Equipment Maintenance Area

Furnishings/Fixtures/Equipment:

1ea workstation TBD

Provide arms rack anchor rings on all walls inside Arms Vault; refer to Section 01010 paragraph 5.6.3 Arms Rack Anchor Rings. Arms racks are not in contract.

Minimum Finishes:

Floor: sealed concrete

Base: none.

Walls: painted CMU or painted concrete

Ceiling: painted concrete.

Other requirements: Provide day gate in addition to vault door.

Unit Storage

Provide one area. Minimum area: Large company 55.7 m² [600 sf]; Medium company 48.7 m² [525 sf]; Small company 23.2 m² [250 sf]. Exterior entry shall open to paved service yard.

Occupants: 2

Function: Storage of general equipment belonging to unit.

Adjacency requirements: Provide convenient access from Equipment Maintenance Area and from exterior service yard without passing through administrative area. Unit Storage may be located on second floor only at SWAT Team COF.

Furnishings/Fixtures/Equipment:

2ea workstations TBD

Minimum Finishes:

Floor: sealed concrete

Base: resilient base (none required at concrete masonry unit walls)

Walls: Wire mesh partitions will separate Unit Storage area from Equipment Maintenance and adjacent storage areas within the COF. Provide painted gypsum wallboard, or painted concrete masonry units at exterior walls and walls separating Unit Storage from adjacent areas.

Ceiling: painted exposed structure with wire mesh partitions extended to underside of structure above, or wire mesh.

Other requirements:

Pair of 900 mm wide hollow metal doors opening onto the paved service yard; doors shall have hold open devices (may be deleted at SWAT Team COF only).

900 mm [3'-0"] wide swinging dutch door with keyed cylinder lock in wire mesh partition.

General Storage

Provide one area. Minimum area: Large company 33 m² [355 sf]; Medium company 26 m² [280 sf]; SWAT Team company 24 m² [260 sf]; Small company 15 m² [160 sf]. Provide access from Equipment Maintenance Area without passing through administrative area.

Occupants: 1

Function: Storage of soldier's personal or other miscellaneous items during times of Deployment, AWOL situations, etc.

Adjacency requirements: Adjacent to Equipment Maintenance Area.

Furnishings/Fixtures/Equipment:

1ea workstation TBD

Minimum Finishes:

Floor: sealed concrete

Base: resilient base (none required at concrete masonry unit walls or wire mesh partitions)

Walls: Wire mesh partitions will separate General Storage area from Equipment Maintenance and adjacent storage areas within the COF. Provide painted gypsum wallboard, or painted concrete masonry units at exterior walls and walls separating General Storage from adjacent areas.

Ceiling: painted exposed structure with wire mesh partitions extended to underside of structure above, or wire mesh.

Other requirements:

900 mm [3'-0"] wide swinging door with keyed cylinder lock in wire mesh partition.

Nuclear, Biological and Chemical Equipment (NBC) Storage

Provide one area. Minimum area: Large company 14.8 m² [160 sf]; Medium company 12 m² [130 sf]; SWAT Team company 11.5 m² [125 sf]; Small company 10 m² [110 sf]. **Occupants:** 1

Function: Storage of equipment for use in defense of nuclear, biological or chemical warfare.

Adjacency requirements: Convenient access from Equipment Maintenance Area without passing through administrative area. May be located on second floor only at SWAT Team COF.

Furnishings/Fixtures/Equipment:

lea workstation TBD

Minimum Finishes:

Floor: sealed concrete

Base: resilient base (none required at concrete masonry unit walls or wire mesh partitions)

Walls: Wire mesh partitions will separate NBC Storage area from Equipment Maintenance and adjacent storage areas within the COF. Provide painted gypsum wallboard, or painted concrete masonry units at exterior walls and walls separating NBC Storage from adjacent areas.

Ceiling: painted exposed structure with wire mesh partitions extended to underside of structure above, or wire mesh.

Other requirements:

900 mm [3'-0"] wide swinging door with keyed cylinder lock in wire mesh partition.

Communications Storage

Provide one area. Minimum area: Large company 14.8 m² [160 sf]; Medium company 12 m² [130 sf]; SWAT Team company 12 m² [130 sf]; Small company 10m² [110 sf].

Occupants: 1

Function: Storage of radios and communications field gear.

Adjacency requirements: Convenient access to Equipment Maintenance Area without passing through administrative area. May be located on second floor at SWAT Team COF only.

Furnishings/Fixtures/Equipment:

lea workstation TBD

Minimum Finishes:

Floor: sealed concrete

Base: resilient base (none required at concrete masonry unit walls or wire mesh partitions)

Walls: Wire mesh partitions will separate Communications Storage area from Equipment Maintenance and adjacent storage areas within the COF. Provide painted gypsum wallboard, or painted concrete masonry units at exterior walls

and walls separating Communications Storage from adjacent areas.
Ceiling: painted exposed structure with wire mesh partitions extended to underside of structure above, or wire mesh.

Other requirements:

900 mm [3'-0"] wide swinging door with keyed cylinder lock in wire mesh partition.

*8

TA-50 Storage

Provide one area. Size and configure area to accommodate the following quantity of TA-50 lockers per company (allow minimum 1200 mm [4'-0"] clearance between parallel rows of lockers; minimum 900 mm [3'-0"] between open locker doors and obstructions): Large company space sized for 255 lockers provide 182 lockers; Medium company space sized for 161 lockers provide 95 lockers; SWAT Team company 69 lockers; Small company 69 lockers. Provide access from Equipment Maintenance Area.

Function: Gear lockers for storage of individual soldier's TA-50 field gear.

Adjacency requirements: Adjacent to Equipment Maintenance Area without passing through administrative area. May be located on second floor.

Furnishings/Fixtures/Equipment:

TA-50 gear lockers in accordance with Section 10902. Lockers shall be a minimum of 600 mm (w) x 600 mm (d) x 1800 mm (h) (2'x2'x6').

Minimum Finishes:

Floor: sealed concrete

Base: resilient base (none required at concrete masonry unit walls or wire mesh partitions)

Walls: Provide wire mesh partitions to separate TA-50 Storage area from adjacent Equipment Maintenance and adjacent Supply Area storage areas within the COF. Provide painted gypsum wallboard, or painted concrete masonry units at exterior walls and walls separating TA-50 Storage from other adjacent areas.

Ceiling: painted exposed structure.

Other requirements:

COF SUPPORT AREAS

Provide the following areas in each COF building. Only able-bodied personnel will occupy COF support areas; handicapped accessibility is not required.

Mechanical Rooms

Provide dedicated areas for mechanical equipment. Each company shall have independent operation and control of HVAC system for its own spaces, but mechanical equipment may serve more than one company, and mechanical rooms may be combined when two COF's are combined to form a single building. Mechanical rooms shall not be used for storage or other purposes. Access will be limited to authorized personnel. Size and locate room(s) to allow equipment removal and maintenance without requiring demolition.

Function: Spaces for HVAC, water heating, and other plumbing and mechanical equipment.

Adjacency requirements: Locate to allow efficient distribution. Mechanical rooms located on the ground floor shall have doors opening to the exterior. Mechanical rooms on second floor shall be accessed from corridors.

Furnishings/Fixtures/Equipment: As required by Statement of Work.

Minimum Finishes:

Floor: sealed concrete

Base: resilient base (none required at concrete masonry unit walls)Walls: painted gypsum wallboard or painted veneer plaster, or painted concrete masonry units
Ceiling: none required

Other requirements:

Floor sloped to floor drains

Electrical Rooms

Provide dedicated areas for electrical equipment. May be provided in mechanical room, but separate electrical room is preferred. Each company shall have independent metering and control of the electrical system for its own spaces, but electrical equipment may serve more than one company, and electrical rooms may be combined. Electrical rooms shall not be used for storage or other purposes. Access will be limited to authorized personnel. The room shall be size and located to allow equipment removal and maintenance.

Function: Spaces for electrical equipment.

Adjacency requirements: Locate to allow efficient distribution. Electrical rooms shall be accessed from the exterior.

Furnishings/Fixtures/Equipment: As required by Statement of Work.

Minimum Finishes:

Floor: sealed concrete

Base: resilient base (none required at concrete masonry unit walls)Walls: painted gypsum wallboard or painted veneer plaster, or painted concrete masonry units
Ceiling: none required

Other requirements: Electrical service to buildings shall be underground.

Interior Stairs

Provide as required to allow circulation to upper floor of the building and to comply with applicable code egress requirements. At least one stair connecting second and first floors shall be an interior stair.

Function: Circulation and means of egress.

Adjacency requirements: Adjacent to corridors. Connects all floors of building.

Furnishings/Fixtures/Equipment: Stairs shall be steel construction with concrete-filled treads, or cast-in-place concrete construction. Open risers are prohibited. Provide mechanical and electrical systems to comply with applicable codes.

Minimum Finishes:

Landing Floor: porcelain tile, quarry tile, resilient tile, vinyl composition tile or sealed concrete.

Base: porcelain tile, quarry tile or resilient cove base.

Treads: porcelain tile, quarry tile, or sealed concrete. Provide slip-resistant nosing if tile is used.

Risers: painted steel, porcelain tile, quarry tile or sealed concrete.

Walls: USG Category 2 Moderate abuse-resistance; painted gypsum wallboard or painted concrete masonry units

Ceiling: suspended acoustical panel ceiling, painted gypsum wallboard, painted veneer plaster or painted Portland cement plaster.

Other requirements: Railings shall be painted steel or prefinished aluminum.

Exterior Stairs

Provide as required to allow circulation to upper floor of the building and to comply with applicable code egress requirements. Exterior stairs shall be covered.

Function: Circulation and means of egress.

Adjacency requirements: Adjacent to corridors. Connects all floors of building.

Furnishings/Fixtures/Equipment: Stairs shall be galvanized steel construction with concrete-filled treads, or cast-in-place concrete construction (preferred). Open risers and metal grating treads are prohibited.

Minimum Finishes:

Landing Floor: sealed concrete with slip-resistant finish texture and positive drainage.

Base: none required.

Treads: sealed concrete with slip-resistant finish texture and positive drainage.

Risers: painted steel or sealed concrete.

Walls: exterior wall materials.

Ceiling: painted exterior gypsum soffit board, painted Portland cement plaster or painted underside of concrete structure above.

Other requirements: railings shall be painted galvanized steel or prefinished aluminum.

COMMON LOCKER/SHOWER AREAS

Provide one group of men's and one group of women's common locker/shower areas per COF, or provide one or more separate locker/shower buildings for the entire project. Locate on ground floor. Quantity of lockers and plumbing fixtures for men and women vary by company size. Provide the following quantity of lockers and fixtures:

Large company - Lockers 32 male 8 female, Toilets 2 male 2 female, Urinals 2 male, Lavatories 4 male 2 female, Showers 8 male 2 female.

Medium company - Lockers 20 male 4 female, Toilets 2 male 1 female, Urinals 1 male, Lavatories 2 male 1 female, Showers 5 male 1 female.

Small company - Lockers 12 male 4 female, Toilets 1 male 1 female, Urinals 1 male, Lavatories 1 male 1 female, Showers 3 male 1 female.

When 3 or more company locker/shower facilities are combined, plumbing fixture quantities may be reduced to 85 percent of the sum of the individual company requirements (round to the next lowest number). Layout should provide flexibility to adjust for future male/female ratio revisions in a company with minimum construction effort. Soldiers will use locker rooms before and after physical training. Handicapped accessibility is not required. Provide exterior entrances with adjacent boot wash area. Entrance to locker/shower areas shall be separate and distinct from the entrances to company supply and administrative areas. Additional entrances may be provided from a common public corridor in the COF. Exterior entrance vestibules shall be provided. All entrances shall provide visual privacy into the spaces. If locker/shower areas are provided in a separate building or buildings, a covered walkway to the COFs is preferred. If locker/shower areas are provided in a separate building or buildings, additional mechanical rooms, electrical rooms, janitor closets and other support spaces as described herein and needed for a complete facility are required at each building. Lockers shall be on curbs, shall have sloped tops, and shall be minimum 60"h by 12"w by 18"d.

Women's Locker Room

Provide one or more rooms, sized to accommodate the number of lockers and plumbing fixtures required for each company served. Provide exterior entrances with airlock vestibule. For egress purposes, the occupant load shall be equal to the higher of the following numbers: a) the number of lockers in the room, or b) the code determined number of occupants calculated by multiplying room area by occupant load factor.

Function: Toilets, showers and lockers for female soldiers.

Adjacency requirements: Near Men's Locker Room. Near company operations

facilities.

Furnishings/Fixtures/Equipment (FFE): Provide floor mounted toilets, wall-hung lavatories, and ceramic tile shower enclosures in quantities indicated above. Provide toilet partitions at each toilet. Provide the following toilet accessories: one mirror with shelf above each lavatory; one paper towel dispenser/waste receptacle per two lavatories (or fraction thereof); one soap dispenser per lavatory; one sanitary napkin disposal per toilet; one toilet tissue dispenser per toilet; one soap holder per shower; one shower curtain and rod at each shower; two double pin robe hooks at each shower; one robe hook on each toilet partition door; one sanitary napkin and tampon vending machine. Provide a minimum of 300 mm [1'-0"] of locker room bench per 2 lockers provided. Provide a wall mounted, hand held, electric hair dryer per each lavatory; mount adjacent to mirrors. Provide fire extinguishers in semi-recessed fire extinguisher cabinets to comply with applicable codes. Provide one full-length mirror. Provide six single pin robe hooks at locker area.

Minimum Finishes:

Floor: porcelain tile, or ceramic tile.

Base: porcelain tile, or ceramic tile.

Walls: ceramic tile, or 1800 mm high ceramic tile wainscot with painted water-resistant gypsum wallboard or painted concrete masonry units above; scrubbable semigloss epoxy paint.

Ceiling: Painted water-resistant gypsum wallboard; scrubbable semigloss epoxy paint.

Other requirements:

Floor sloped to floor drains

Men's Locker Room

Provide one or more rooms, sized to accommodate the number of lockers and plumbing fixtures required for each company served. Provide exterior entrances with airlock vestibule. For egress purposes, the occupant load shall be equal to the higher of the following numbers: a) the number of lockers in the room, or b) the code determined number of occupants calculated by multiplying room area by occupant load factor.

Function: Toilets, showers and lockers for male soldiers.

Adjacency requirements: Near Women's Locker Room. Near company operations facilities.

Furnishings/Fixtures/Equipment (FFE): Provide floor mounted toilets, wall-hung lavatories, and ceramic tile shower enclosures in the quantities indicated above. Provide toilet partitions at each toilet. Provide the following toilet accessories: one mirror with shelf above each lavatory; one paper towel dispenser/waste receptacle per two lavatories (or fraction thereof); one soap dispenser per lavatory; one toilet tissue dispenser per toilet; one soap holder per shower; one shower curtain and rod at each shower; one double pin robe hook outside each shower; one robe hook on each toilet partition door. Provide 300 mm [1'-0"] of locker room bench per 2 lockers provided. Provide a wall mounted hand-held electric hair dryer for each lavatory; mount adjacent to mirrors. Provide fire extinguishers in semi-recessed fire extinguisher cabinets to comply with applicable codes. Provide one full-length mirror. Provide six single pin robe hooks at locker area.

Minimum Finishes:

Floor: porcelain tile, or ceramic tile.

Base: porcelain tile, or ceramic tile.

Walls: ceramic tile, or 1800 mm high ceramic tile wainscot with painted water resistant gypsum wallboard or painted concrete masonry units above; scrubbable

semigloss epoxy paint.

Ceiling: Painted water-resistant gypsum wallboard; scrubbable semigloss epoxy paint.

Other requirements:

Floor sloped to floor drains

Janitor Closet

Minimum area: 3.0 m² [33 sf]. Provide one for each Company. If Men's Locker Room and Women's Locker Room are in separate building(s) from the Company Operations buildings provide one janitor closet for each group of locker rooms. Room shall be accessed from the exterior or from a common interior space (corridor or vestibule). Access directly from within a locker room is not permitted.

Function: Sink and storage of cleaning supplies, soap, paper products.

Adjacency requirements: Near toilets.

Furnishings/Fixtures/Equipment:

One floor mounted mop sink, mop rack for two mops, and minimum 1800 linear mm of wall mounted stainless steel shelving.

Minimum Finishes:

Floor: ceramic tile, or sealed concrete

Base: ceramic tile base

Walls: FRP wainscot 48" high with USG Category 1 Light Duty abuse-resistance; painted water-resistant gypsum wallboard or painted concrete masonry units above; scrubbable semigloss paint.

Ceiling: painted gypsum wallboard, painted veneer plaster, or painted Portland cement plaster

Other requirements:

Provide paved sidewalk or interior floor access from Janitor closet to all building areas served by the janitor closet.

Floor sloped to floor drains.

BOOT WASH AREAS

Provide paved exterior boot and equipment wash areas near exterior entrance to the COF Supply Area. Provide 16 wash stations for large COFs, 10 wash stations for medium COFs, and 6 wash stations for small COFs. Each wash station will include a hose bib, catch basin, and drying rack (handrail).

Function: Exterior area for washing boots and equipment prior to entering building.

Adjacency requirements: Locate in exterior service area, near entrance to COF Supply Area.

Furnishings/Fixtures/Equipment: Each wash station shall provide the following drainage assembly: Removable 900 mm x 900 mm aluminum or stainless steel grating, with non-slip surface, supported by concrete storm drainage inlet box. Runoff shall be piped to storm drainage system. Provide freeze-proof wall hydrant with aerator nozzle mounted approximately 400 mm above grating, control valve mounted at 800 mm above pavement. Provide 3'-0" long metal grab bar above control valve, mounted at 1000 mm above pavement. Top of grating and concrete structure shall align with adjacent concrete sidewalk. Provide concrete sidewalk between boot wash area and entrance sidewalk.

Minimum Finishes: refer to exterior building material requirements.

Other requirements: Provide adequate drainage away from building.

*6

SWAT TEAM COMPANYMEDIUM COF

General. At this companyCOF the following deletions and additions are required:

Deletions:

Delete one ea Platoon Office (3 Platoon Offices required).

Additions:

Add the following spaces. All are to be located in a group on the ground floor. Layout and locking must allow this group to operate after hours without access to the admin areas of the building. Hours of operation for these spaces are 24/7.

SWAT Team Room

Provide one area; minimum 33.4 m² [360 sf], including interior circulation. Room shall be accessed by exterior doors at supply/loading area.

Occupants: 12 staff, and occasional visitors.

Function: Shared workstations and group work/planning area for SWAT team.

Adjacency requirements: Adjacent to SWAT Team Storage.

Furnishings/Fixtures/Equipment:

Two - Metal/Laminate ADP/Modular Workstations - L-Shaped Workstations to include:

- a. 30" x 60" work surface.
- b. 60" overhead storage with doors.
- c. 36" x 30" computer surface with articulating keyboard tray.
- d. Box, box, file storage pedestal key lock.
- e. Task chair/side chair

Large group work/planning area with conference table and chairs

8' by 8' tackable wall surface for Installation map located in group work area

4' by 6' marker board located in group work area

TV with CATV connection

Minimum Finishes:

Floor: vinyl composition tile

Base: resilient base

Walls: painted gypsum wallboard or painted veneer plaster

Ceiling: suspended acoustical panel ceiling

Other requirements:

Exterior window is desirable.

SWAT Team Storage

Provide one; minimum area 42.7 m² [460 sf].

Function: Storage of gear, equipment and supplies. Battery charging for radios and shields.

Adjacency requirements: Adjacent to SWAT Team open office. Convenient, direct

access to outdoors.

Furnishings/Fixtures/Equipment:

Wall-mounted bicycle rack for storage of minimum 12 bicycles.

12 ea full size metal clothing lockers

12 ea storage cages minimum 2' by 2' by 2'.

Built-in unfinished plywood shelving designed as needed to accommodate specialized gear and equipment including battery recharging.

Minimum Finishes:

Floor: vinyl composition tile

Base: resilient base

Walls: painted gypsum wallboard or painted veneer plaster

Ceiling: suspended acoustical panel ceiling, painted gypsum wallboard, or painted veneer plaster.

Other requirements: Pair exterior doors.

Private Office

Provide two; 9 m² [100 sf]. Rooms shall be accessed through the SWAT Team Open Office.

Occupants: 1, and occasional visitors.

Function: Private office

Adjacency requirements: Adjacent to the SWAT Team Open Office.

Furnishings/Fixtures/Equipment:

Metal/Laminate ADP/Modular Workstation- L-Shaped Workstation
to include:

- a. 750 x 1500 mm [30" x 60"] work surface.
- b. 1500 mm [60"] overhead storage with doors.
- c. 900 x 750 mm [36" x 30"] computer surface with articulating keyboard tray.
- d. Box, box, file storage pedestal key lock.
- e. Task chair/side chair.
- f. One bookcase (three shelves)
- g. Two - Lateral files

Minimum Finishes:

Floor: vinyl composition tile

Base: resilient base

Walls: painted gypsum wallboard or painted veneer plaster

Ceiling: suspended acoustical panel ceiling

Other requirements:

Exterior window is desirable.

Toilet

Provide one private toilet room. Room shall be accessed from SWAT Team Open Office or SWAT Team Storage.

Function: Single-occupant toilet and lavatory

Adjacency requirements: Adjacent to SWAT Team Open Office.

Furnishings/Fixtures/Equipment (FFE): One floor mounted toilet, one wall-hung

lavatory, mirror with shelf above lavatory, Paper towel dispenser/waste receptacle, soap dispenser and double roll toilet tissue dispenser.

Minimum Finishes:

Floor: porcelain tile, or ceramic tile.

Base: porcelain tile, or ceramic tile.

Walls: ceramic tile

Ceiling: painted gypsum wallboard, painted veneer plaster or painted Portland cement plaster.

Other requirements: Partitions shall have minimum STC rating of 49.

Appendix F3

BATTALION HEADQUARTERS (HQ) FUNCTIONAL AND AREA REQUIREMENTS

NOTES:

Hours of operation for all occupied spaces are regular business day unless noted otherwise. Minimum ceiling height for all spaces is 8'-0" unless noted otherwise. All workstations to have one PC and phone unless noted otherwise. All personnel doors are minimum 3'-0" unless noted otherwise.

GENERAL. The battalion HQ building shall consist of administrative areas, soldier services (chaplain) areas, classrooms, and support spaces. Provide facilities for one large battalion. Total gross area of the battalion HQ shall not exceed 1474 m² [15,866 sf]. Building shall be maximum two stories. In the two-story configuration, classroom area, service core, soldier support offices, personnel administration clerk (PAC), and S-4 offices shall be located on the first floor. The command section, service core, S-1, S-2, and S-3 offices may be located on the second floor. One space for a future elevator is required. To the greatest extent possible, buildings shall be arranged to allow future internal reorganization of office spaces; fixed elements such as toilets, equipment rooms, and core areas shall be located at the perimeter of administrative spaces; partitions separating administrative spaces should not be bearing walls.

Leadership and staff will manage the organization, receive visitors, and conduct the business of the battalion from the administrative areas (Command section, S-1, S-2, S-3, S-4, and PAC). Soldiers will visit the facility to conduct administrative business, attend training classes, or meet with support personnel (Chaplain's office). Military personnel will staff the facility; military and non-military personnel will visit the facility to meet with leadership or attend meetings. Functions and areas are as follows:

COMMAND SECTION

Provide one group of offices, with accompanying reception area, coffee area and private toilet. In a 2-story building locate Command Section on the second floor. Command section shall be adjacent to, and accessed through, the S-1 Clerical/Central Files area. Interior design of this area shall be upgraded to reflect this office's prestige.

Commanding Officer (CO)

Provide one; 18.7 m² [200 sf]. Room shall be accessed through the Reception Area.

Occupants: 1, and occasional visitors.

Function: Private office for battalion commanding officer.

Adjacency requirements: Adjacent to Reception Area, S-1 Clerical /Central Files. Adjacent to or near command section toilet, coffee area, Executive Officer and Command Sergeant Major offices.

Furnishings/Fixtures/Equipment:

Wood furniture - U-Shaped Workstation to include:

- a. High back task chair, side chairs minimum 2.
- b. Single Pedestal Desk/Conferencing Area - Minimum 36" deep x appropriate length work surface and return minimum 24" deep x appropriate length with articulating keyboard tray.
- c. Storage Credenza with lateral files, overhead storage with doors - minimum 24" deep x appropriate length.
- d. Attached Storage Cabinet - Single door with coat storage and shelves.

e. Separate Lounge seating minimum two lounge chairs, corner table and lamp.

GFGI TV with CATV connection

Minimum Finishes:

Floor: carpet

Base: resilient base

Walls: painted gypsum wallboard or painted veneer plaster

Ceiling: suspended acoustical panel ceiling

Other requirements:

Room shall have exterior window.

Partitions shall have minimum STC rating of 49.

Executive Officer (XO)

Provide one; 8.8 m² [95 sf]. Room shall be accessed through the Reception Area.

Occupants: 1, and occasional visitors.

Function: Private office for battalion executive officer.

Adjacency requirements: Adjacent to Reception Area, S-1 Clerical /Central Files. Adjacent to or near command section toilet, coffee area, CO office and Command Sergeant Major office.

Furnishings/Fixtures/Equipment:

Wood furniture - U-Shaped Workstation to include:

- a. High back task chair, side chairs minimum 2.
- b. Single Pedestal Desk/Conferencing Area - Minimum 36" deep x appropriate length work surface and return minimum 24" deep x appropriate length with articulating keyboard tray.
- c. Storage Credenza with lateral files, overhead storage with doors - minimum 24" deep x appropriate length.
- d. Lateral file.

Minimum Finishes:

Floor: carpet

Base: resilient base

Walls: painted gypsum wallboard or painted veneer plaster

Ceiling: suspended acoustical panel ceiling

Other requirements:

Room shall have exterior window.

Partitions shall have minimum STC rating of 49.

Command Sergeant Major (CSM)

Provide one; 8.8 m² [95 sf]. Room shall be accessed through the Reception Area.

Occupants: 1, and occasional visitors.

Function: Private office for battalion command sergeant major.

Adjacency requirements: Adjacent to Reception Area, S-1 Clerical /Central Files. Adjacent to or near command section toilet, coffee area, CO office and XO office.

Furnishings/Fixtures/Equipment:

Wood furniture - U-Shaped Workstation to include:

- a. High back task chair, side chairs minimum 2.
- b. Single Pedestal Desk/Conferencing Area - Minimum 36" deep x

appropriate length work surface and return minimum 24" deep x appropriate length with articulating keyboard tray.

c. Storage Credenza with lateral files, overhead storage with doors - minimum 24" deep x appropriate length.

d. Lateral file.

GFGI TV with CATV connection

Minimum Finishes:

Floor: carpet

Base: resilient base

Walls: painted gypsum wallboard or painted veneer plaster

Ceiling: suspended acoustical panel ceiling

Other requirements:

Room shall have exterior window.

Partitions shall have minimum STC rating of 49.

Office

Provide one; 8.8 m² [95 sf] private office accessed through the Command Reception area.

Occupants: 1

Function: Private office for use by Command Section personnel.

Adjacency requirements: Adjacent to Command Section.

Furnishings/Fixtures/Equipment:

Metal/Laminate ADP/Modular Workstation- L-Shaped Workstation

a. 30" x 60" worksurface.

b. 60" overhead storage with doors.

c. 36" x 30" computer surface with articulating keyboard tray.

d. Box, box, file storage pedestal key lock.

e. Task chair/side chair.

f. Lateral file.

Minimum Finishes:

Floor: carpet

Base: resilient base

Walls: painted gypsum wallboard or painted veneer plaster

Ceiling: suspended acoustical panel ceiling

Other requirements:

Exterior window is desirable.

Partitions shall have minimum STC rating of 49.

Reception Area

Provide one; 13.9 m² [150 sf], to accommodate reception desk and waiting area.

Reception area shall be accessed through S-1 Clerical/Central Files.

Occupants: 1, and space for four visitors.

Function: Receptionist workstation and waiting area for visitors to the CO, XO, CSM offices.

Adjacency requirements: Adjacent (and open to) S-1 Clerical /Central Files area. Adjacent to command section toilet, coffee area, CO, XO and Command Sergeant Major offices.

Furnishings/Fixtures/Equipment:

Wood furniture - U-Shaped Workstation to include:

- a. High back task chair, side chairs minimum 2.
- b. Single Pedestal Desk/Conferencing Area - Minimum 36" deep x appropriate length work surface and return minimum 24" deep x appropriate length with articulating keyboard tray.
- c. Storage Credenza with lateral files, overhead storage with doors - minimum 24" deep x appropriate length.
- d. Attached Storage Cabinet - Single door with coat storage and shelves.
- e. Commander's Reception Area - Separate Lounge seating minimum four lounge chairs, corner table and lamp.

Minimum Finishes:

Floor: carpet

Base: resilient base

Walls: painted gypsum wallboard or painted veneer plaster

Ceiling: suspended acoustical panel ceiling

Other requirements:

Command Section Toilet

Provide one private toilet room. Room shall be accessed from reception area
Function: single-occupant toilet and lavatory, for use by command staff and visitors.

Adjacency requirements: Adjacent to reception area. Near CO, XO, and CSM offices.

Furnishings/Fixtures/Equipment (FFE): One floor mounted toilet, one wall-hung lavatory, mirror with shelf above lavatory, Paper towel dispenser/waste receptacle, soap dispenser, toilet tissue dispenser, and wall mounted grab bars at toilet.

Minimum Finishes:

Floor: porcelain tile, or ceramic tile.

Base: porcelain tile, or ceramic tile.

Walls: ceramic tile

Ceiling: painted gypsum wallboard, suspended acoustic panel ceiling.

Other requirements:

Arrange space so that door does not open directly into reception area.
Partitions shall have minimum STC rating of 49.

Coffee Area

Provide one - Area shall have countertop with kitchen sink.

Function: Sink and space for coffee maker and supplies; for use by command section staff and visitors.

Adjacency requirements: Adjacent to reception area. Near CO, XO, and CSM offices. Locate to avoid conflicts with circulation pattern.

Furnishings/Fixtures/Equipment (FFE):

Plastic laminate countertop minimum 3'-0" long, minimum 600 mm deep [2'-0"] with stainless steel bar sink.

Minimum 900 mm of wall cabinets; mounted to provide 600 mm clearance above countertop.

Dedicated electrical receptacle for GFGI coffee maker

Minimum Finishes:

Floor: porcelain tile, or ceramic tile.

Base: porcelain tile, or ceramic tile.

Walls: painted gypsum wallboard or painted veneer plaster.

Ceiling: suspended acoustical panel ceiling.

Other requirements: None.

S-1 SECTION

Provide one group of offices. In 2-story building locate S-1 Section on the second floor. Locate S-1 Section adjacent to S-3 Section. Command Section shall be accessed through the S-1 Clerical/Central Files area.

S-1 Officer

Provide one; 8.8 m² [95 sf]. Room shall be accessed through the S-1 Clerical/Central Files area.

Occupants: 1, and occasional visitors.

Function: Private office for S-1 officer.

Adjacency requirements: Adjacent to S-1 Clerical /Central Files. Near Command Section offices.

Furnishings/Fixtures/Equipment:

Metal/Laminate ADP/Modular Workstation- L-Shaped Workstation

- a. 30" x 60" worksurface.
- b. 60" overhead storage with doors.
- c. 36" x 30" computer surface with articulating keyboard tray.
- d. Box, box, file storage pedestal key lock.
- e. Task chair/side chair.
- f. Lateral file.

Minimum Finishes:

Floor: carpet

Base: resilient base

Walls: painted gypsum wallboard or painted veneer plaster

Ceiling: suspended acoustical panel ceiling

Other requirements:

Room shall have exterior window.

Partitions shall have minimum STC rating of 49.

S-1 Clerical/Central Files

Provide one; 35.0 m² [375 sf]. S-1 Clerical/Central Files shall be accessed from the lobby or corridor. The area shall have direct access to S-1 and Command Section private offices, and reception area.

Occupants: 2 staff and occasional visitors.

Function: Open office area for S-1 admin staff; access to S-1 and Command offices.

Adjacency requirements: Adjacent to lobby or corridor. Adjacent to S-1 and Command private offices. Adjacent (and open to) reception area.

Furnishings/Fixtures/Equipment:

Two - Metal/Laminate ADP/Modular Workstations - L-Shaped Workstations

- a. 30" x 60" worksurface.
- b. 60" overhead storage with doors.
- c. 36" x 30" computer surface with articulating keyboard tray.
- d. Box, box, file storage pedestal key lock.
- e. Task chair/side chair.

f. Lateral file.

Minimum Finishes:

Floor: carpet

Base: resilient base

Walls: painted gypsum wallboard or painted veneer plaster

Ceiling: suspended acoustical panel ceiling

Other Requirements:

Exterior window is desirable.

Partitions shall have minimum STC rating of 49.

Minimum ceiling height 2642 mm [8'-8"].

S-2 SECTION

Provide one group of offices. In 2-story building locate S-2 Section on the second floor. Locate S-2 Section adjacent to S-3 Sections. The perimeter of the S-2 Section shall have partitions that extend to the underside of structural deck above and shall have minimum STC rating of 55.

S-2 Officer

Provide one; 8.8 m² [95 sf]. Room shall be accessed through the S-2 Clerical/Central Files area.

Occupants: 1, and occasional visitors.

Function: Private office for S-2 officer.

Adjacency requirements: Adjacent to S-2 Clerical /Central Files.

Furnishings/Fixtures/Equipment:

Metal/Laminate ADP/Modular Workstation- L-Shaped Workstation

- a. 30" x 60" worksurface.
- b. 60" overhead storage with doors.
- c. 36" x 30" computer surface with articulating keyboard tray.
- d. Box, box, file storage pedestal key lock.
- e. Task chair/side chair.
- f. Lateral file.

Minimum Finishes:

Floor: carpet

Base: resilient base

Walls: painted gypsum wallboard or painted veneer plaster

Ceiling: suspended acoustical panel ceiling

Other requirements:

Room shall have exterior window.

Partitions shall have minimum STC rating of 55.

Secret Internet Protocol Router Network (SIPRNET) connection.

Office

Provide two; each 8.8 m² [95 sf] private offices accessed through the S-2 Clerical/Central Files area.

Occupants: 1 in each office.

Function: Private office for use by S-2 personnel.

Adjacency requirements: Adjacent to S-2 Clerical /Central Files.

Furnishings/Fixtures/Equipment:

Metal/Laminate ADP/Modular Workstation- L-Shaped Workstation

- a. 30" x 60" work surface.

- b. 60" overhead storage with doors.
- c. 36" x 30" computer surface with articulating keyboard tray.
- d. Box, box, file storage pedestal key lock.
- e. Task chair/side chair.
- f. Lateral file.

Minimum Finishes:

Floor: carpet

Base: resilient base

Walls: painted gypsum wallboard or painted veneer plaster

Ceiling: suspended acoustical panel ceiling

Other requirements:

Exterior window is desirable.

Partitions shall have minimum STC rating of 49.

SIPRNET connection at one of the offices

S-2 Clerical/Central Files

Provide one; 33.0 m² [355 sf]. S-2 Clerical/Central Files shall be accessed from the lobby or corridor. The area shall have direct access to S-2 private offices.

Occupants: 3 staff, occasional visitors.

Function: Open office area for S-2 admin staff; access to other S-2 spaces.

Adjacency requirements: Adjacent to lobby or corridor. Adjacent to S-2 private offices.

Furnishings/Fixtures/Equipment:

Three - Metal/Laminate ADP/Modular Workstations - L-Shaped Workstations

- a. 30" x 60" worksurface.
- b. 60" overhead storage with doors.
- c. 36" x 30" computer surface with articulating keyboard tray.
- d. Box, box, file storage pedestal key lock.
- e. Task chair/side chair.
- f. Lateral file.

96" square tackable wall surface for Installation map

CATV outlet

GFGI Photocopier, GFGI fax, GFGI shredder, copier supplies storage, waste and paper recycling receptacles.

Minimum Finishes:

Floor: carpet

Base: resilient base

Walls: painted gypsum wallboard or painted veneer plaster

Ceiling: suspended acoustical panel ceiling

Other requirements:

Door shall have cypher combination lockset.

Partitions shall have minimum STC rating of 49.

Minimum ceiling height 2642 mm [8'-8"].

S-2 Storage

A storage closet for office supplies is preferred but not required.

S-3 SECTION

Provide one group of offices. In 2-story building locate S-3 Section on the second floor. Locate S-3 Section adjacent to S-1 and/or S-2 Sections.

S-3 Officer

Provide one; 8.8 m² [95 sf]. Room shall be accessed through the S-3 Clerical/Central Files area.

Occupants: 1, and occasional visitors.

Function: Private office for S-3 officer.

Adjacency requirements: Adjacent to S-3 Clerical /Central Files.

Furnishings/Fixtures/Equipment:

Metal/Laminate ADP/Modular Workstation - L-Shaped Workstation

- a. 30" x 60" work surface.
- b. 60" overhead storage with doors.
- c. 36" x 30" computer surface with articulating keyboard tray.
- d. Box, box, file storage pedestal key lock.
- e. Task chair/side chair.
- f. Lateral file.

Minimum Finishes:

Floor: carpet

Base: resilient base

Walls: painted gypsum wallboard or painted veneer plaster

Ceiling: suspended acoustical panel ceiling

Other requirements:

Room shall have exterior window.

Partitions shall have minimum STC rating of 49.

Office

Provide five; each 8.8 m² [95 sf] private offices accessed through the S-3 Clerical/Central Files area.

Occupants: 1 in each office.

Function: Private office for use by S-3 personnel.

Adjacency requirements: Adjacent to S-3 Clerical /Central Files.

Furnishings/Fixtures/Equipment:

Metal/Laminate ADP/Modular Workstation - L-Shaped Workstation

- a. 30" x 60" worksurface.
- b. 60" overhead storage with doors.
- c. 36" x 30" computer surface with articulating keyboard tray.
- d. Box, box, file storage pedestal key lock.
- e. Task chair/side chair.
- f. Lateral file.

Minimum Finishes:

Floor: carpet

Base: resilient base
Walls: painted gypsum wallboard or painted veneer plaster
Ceiling: suspended acoustical panel ceiling
Other requirements:
Exterior window desirable.
Partitions shall have minimum STC rating of 49.

S-3 Clerical/Central Files

Provide one; 110 m² [1184 sf]. S-3 Clerical/Central Files shall be accessed from the lobby or corridor. The area shall have direct access to S-3 private offices.

Occupants: 14 staff, and occasional visitors.

Function: Open office area for S-3 admin staff; access to S-3 offices.

Adjacency requirements: Adjacent to lobby or corridor. Adjacent to S-3 private offices.

Furnishings/Fixtures/Equipment:

Fourteen - Metal/Laminate ADP/Modular Workstations - L-Shaped Workstations

- a. 30" x 60" worksurface.
- b. 60" overhead storage with doors.
- c. 36" x 30" computer surface with articulating keyboard tray.
- d. Box, box, file storage pedestal key lock.
- e. Task chair/side chair.
- f. Lateral file.

GFGI Photocopier, GFGI fax, GFGI shredder, copier supplies storage, waste and paper recycling receptacles.
CATV outlet.

Minimum Finishes:

Floor: carpet

Base: resilient base

Walls: painted gypsum wallboard or painted veneer plaster

Ceiling: suspended acoustical panel ceiling

Other requirements:

Exterior window is desirable.

Partitions shall have minimum STC rating of 49.

Minimum ceiling height 2642 mm [8'-8"].

S-3 Storage

A storage closet for office supplies is preferred but not required.

Conference Room

Provide one; 31 m² [330 sf] Room shall be located to allow direct access from the corridor and near the Command Section/S-1 Section.

Occupants: up to 26 persons.

Function: Conference room for battalion leadership, staff, and visitors.

Functions will include staff meetings, hearings, disciplinary sessions, training.

Adjacency requirements: Adjacent to lobby or main corridor. Near Command, S-1, S-2 and S-3 Sections.

Furnishings/Fixtures/Equipment:

conference table, chairs and podium.

one marker board (minimum 2400 mm wide x 1200 mm high [8'-0" x 4'-0"])

one 2400 mm wide [8'-0"] wall mounted pull-down projection screen.

One ceiling-mounted GFGI video projector (CFCI bracket)

PC workstation at back of room for video projector control
CATV outlet

Minimum Finishes:

Floor: carpet

Base: resilient base

Walls: painted gypsum wallboard or painted veneer plaster

Ceiling: suspended acoustical panel ceiling

Other requirements:

Partitions shall have minimum STC rating of 49.

Minimum ceiling height 2642 mm [8'-8"].

Minimum clear room dimension 3700 mm (12'-0").

S-4 SECTION

Provide one group of offices. In Locate S-4 Section on the first floor.
Locate S-4 Section adjacent to PAC Section.

S-4 Officer.

Provide one; 8.8 m² [95 sf]. Room shall be accessed through the S-4
Clerical/Central Files area.

Occupants: 1, and occasional visitors.

Function: Private office for S-4 officer.

Adjacency requirements: Adjacent to S-4 Clerical /Central Files.

Furnishings/Fixtures/Equipment:

Metal/Laminate ADP/Modular Workstation - L-Shaped Workstation

- a. 30" x 60" worksurface.
- b. 60" overhead storage with doors.
- c. 36" x 30" computer surface with articulating keyboard tray.
- d. Box, box, file storage pedestal key lock.
- e. Task chair/side chair.
- f. Lateral file.

Minimum Finishes:

Floor: carpet

Base: resilient base

Walls: painted gypsum wallboard or painted veneer plaster

Ceiling: suspended acoustical panel ceiling

Other requirements:

Room shall have exterior window.

Partitions shall have minimum STC rating of 49.

Office

Provide three; each 8.5 m² [90 sf] private offices accessed through the S-4
Clerical/Central Files area.

Occupants: 1 in each office.

Function: Private office for use by S-4 personnel.

Adjacency requirements: Adjacent to S-4 Clerical /Central Files.

Furnishings/Fixtures/Equipment:

Metal/Laminate ADP/Modular Workstation - L-Shaped Workstation

- a. 30" x 60" worksurface.
- b. 60" overhead storage with doors.
- c. 36" x 30" computer surface with articulating keyboard tray.

- d. Box, box, file storage pedestal key lock.
- e. Task chair/side chair.
- f. Lateral file.

Minimum Finishes:

Floor: carpet

Base: resilient base

Walls: painted gypsum wallboard or painted veneer plaster

Ceiling: suspended acoustical panel ceiling

Other requirements:

Partitions shall have minimum STC rating of 49.

S-4 Clerical/Central Files

Provide one; 67.8 m² [730 sf]. S-4 Clerical/Central Files shall be accessed from the lobby. The area shall have direct access to S-4 private offices.

Occupants: 8 staff and occasional visitors.

Function: Open office area for S-4 admin staff; access to S-4 offices.

Adjacency requirements: Adjacent to lobby or corridor. Adjacent to S-4 private offices.

Furnishings/Fixtures/Equipment:

Eight - Metal/Laminate ADP/Modular Workstations - L-Shaped Workstations

- a. 30" x 60" worksurface.
- b. 60" overhead storage with doors.
- c. 36" x 30" computer surface with articulating keyboard tray.
- d. Box, box, file storage pedestal key lock.
- e. Task chair/side chair.
- f. Lateral file.

GFGI Photocopier, GFGI fax, GFGI shredder, copier supplies storage, waste and paper recycling receptacles.

Finishes:

Floor: carpet

Base: resilient base

Walls: painted gypsum wallboard or painted veneer plaster

Ceiling: suspended acoustical panel ceiling

Other requirements:

Exterior window is desirable.

Partitions shall have minimum STC rating of 49.

Minimum ceiling height 2642 mm [8'-8"].

S-4 Storage & Supplies

Provide one; 24.2 m² [260sf] of general storage space. Room shall be under control of, and accessed from, S-4/Clerical/Central Files area. Room shall be located on exterior wall, with exterior doors leading to paved sidewalk.

Function: Storage of battalion supplies for S-4 Section.

Adjacency requirements: Adjacent to S-4 Clerical/Central Files and building exterior.

Furnishings/Fixtures/Equipment: None.

Minimum Finishes:

Floor: sealed concrete

Base: resilient cove base

Walls: painted gypsum wallboard or painted veneer plaster, or painted concrete

masonry units

Ceiling: suspended acoustical panel ceiling

Other requirements:

Door into room from S-4/Clerical/Central Files

Pair of 900 mm [3'-0"] wide outswinging hollow metal exterior doors. Exterior doors shall have hold open devices and auxiliary deadlocks (thumb turn inside, keyed cylinder outside).

Minimum 2400 mm [8'-0"] wide exterior sidewalk between exterior doors and the main sidewalk leading to main entry area.

PERSONNEL ADMINISTRATION CENTER (PAC) SECTION

Provide one group of offices. Locate PAC Section on the first floor. Locate PAC Section adjacent to S-4 Section.

PAC Officer.

Provide one; 8.8 m² [95 sf] - Room shall be accessed through the PAC Clerical/Central Files area.

Occupants: 1, and occasional visitors.

Function: Private office for S-4 officer.

Adjacency requirements: Adjacent to PAC Clerical /Central Files.

Furnishings/Fixtures/Equipment:

Metal/Laminate ADP/Modular Workstation - L-Shaped Workstation

- a. 30" x 60" worksurface.
- b. 60" overhead storage with doors.
- c. 36" x 30" computer surface with articulating keyboard tray.
- d. Box, box, file storage pedestal key lock.
- e. Task chair/side chair.
- f. Lateral file.

Minimum Finishes:

Floor: carpet

Base: resilient base

Walls: painted gypsum wallboard or painted veneer plaster

Ceiling: suspended acoustical panel ceiling

Other requirements:

Room shall have exterior window.

Partitions shall have minimum STC rating of 49.

Office

Provide three each 8.5 m² [90 sf] private offices accessed through the PAC Clerical/Central Files area.

Occupants: 1 in each office.

Function: Private office for use by PAC personnel.

Adjacency requirements: Adjacent to PAC Clerical /Central Files.

Furnishings/Fixtures/Equipment:

Metal/Laminate ADP/Modular Workstation - L-Shaped Workstation

- a. 30" x 60" worksurface.
- b. 60" overhead storage with doors.
- c. 36" x 30" computer surface with articulating keyboard tray.
- d. Box, box, file storage pedestal key lock.

- e. Task chair/side chair.
- f. Lateral file.

Minimum Finishes:

Floor: carpet
Base: resilient base
Walls: painted gypsum wallboard or painted veneer plaster
Ceiling: suspended acoustical panel ceiling

Other requirements:

Exterior window desirable.
Partitions shall have minimum STC rating of 49.

PAC Clerical/Central Files

Provide one; 67.8 m² [730 sf]. PAC Clerical/Central Files shall be accessed from the lobby. The area shall have direct access to PAC private offices.

Occupants: 8 staff and occasional visitors.

Function: Open office area for PAC admin staff; access to PAC offices and Message Mail Center.

Adjacency requirements: Adjacent to lobby. Adjacent to PAC private offices and Message Mail Center. Near Duty Officer.

Furnishings/Fixtures/Equipment:

Eight - Metal/Laminate ADP/Modular Workstations - L-Shaped Workstations

- a. 30" x 60" worksurface.
- b. 60" overhead storage with doors.
- c. 36" x 30" computer surface with articulating keyboard tray.
- d. Box, box, file storage pedestal key lock.
- e. Task chair/side chair.
- f. Lateral file.

GFGI Photocopier, GFGI fax, GFGI shredder, copier supplies storage, waste and paper recycling receptacles

Minimum Finishes:

Floor: carpet
Base: resilient base
Walls: painted gypsum wallboard or painted veneer plaster
Ceiling: suspended acoustical panel ceiling

Other requirements:

Exterior window is desirable.
Partitions shall have minimum STC rating of 49.
Minimum ceiling height 2642 mm [8'-8"].

Duty Officer

Provide one; 7.0 m² [75 sf]. Room shall be accessed from the main lobby.

Occupants: 1.

Hours of Operation: Continuous 24/7

Function: Duty Officer will provide physical security of the building, and visual control of the entrances and lobby, as well as functioning as an information source for visitors.

Adjacency requirements: Adjacent to lobby and main entrance; near PAC Clerical/Central Files.

Furnishings/Fixtures/Equipment:

one task chair.

Minimum Finishes:

Floor: carpet

Base: resilient base

Walls: painted gypsum wallboard or painted veneer plaster

Ceiling: suspended acoustical panel ceiling

Other requirements:

Counter (built-in casework) minimum 1800 mm [6'-0"] long separating the Duty Officer room from the lobby/corridor. The counter on the corridor side shall be minimum 1016 mm [3'-4"] high x 300 mm [12"] deep]. Casework shall have one lockable pencil drawer and two lockable file drawers.

CATV outlet

Message Mail Center

Provide one; 8.8 m² [95 sf]. Room shall be accessed from the lobby.

Occupants: 1.

Hours of Operation: Sporadic use during business hours

Function: Mail sorting.

Adjacency requirements: Adjacent to corridor and PAC Clerical/Central Files.

Furnishings/Fixtures/Equipment:

Metal/Laminate Single Desk - Single desk

- a. 30"x 60" workstation with articulating keyboard tray.
- b. 60" overhead storage with doors.
- c. Box, box, file storage pedestal key lock.
- d. Task chair.

One - Mail sorting unit.

Minimum Finishes:

Floor: vinyl composition tile or porcelain tile

Base: resilient base or porcelain tile base

Walls: painted gypsum wallboard or painted veneer plaster

Ceiling: suspended acoustical panel ceiling

Other requirements:

900 mm [3'-0"] wide Dutch door with shelf.

Signage indicating hours of operation

SOLDIER SERVICES

Provide one group of offices. Locate soldier services on the first floor. Soldier services are unrelated to other battalion administration functions.

Chaplain's Assistant

Provide one; 12.1 m² [130 sf]. Room shall be accessed from the vestibule.

Occupants: 1, and visitors.

Function: Private office for Chaplain's Assistant and waiting area for visitors to Chaplain's office.

Adjacency requirements: Adjacent to vestibule.

Furnishings/Fixtures/Equipment:

Metal/Laminate ADP/Modular Workstation - L-Shaped Workstation

- a. 30" x 60" work surface.
- b. 60" overhead storage with doors.
- c. 36" x 30" computer surface with articulating keyboard tray.

- d. Box, box, file storage pedestal key lock.
- e. Task chair/side chair.
- f. Lateral file.

Minimum Finishes:

Floor: carpet

Base: resilient base

Walls: painted gypsum wallboard or painted veneer plaster

Ceiling: suspended acoustical panel ceiling

Other requirements:

Exterior window is desirable.

Partitions shall have minimum STC rating of 55.

Chaplain

Provide one; 12.1 m² [130 sf]. Room shall be accessed from the Chaplain's Assistant office.

Occupants: 1, and visitors.

Function: Private office for Chaplain and visitors.

Adjacency requirements: Adjacent to Chaplain's Assistant.

Furnishings/Fixtures/Equipment:

Wood furniture - U-Shaped Workstation to include:

- a. High back task chair, side chairs minimum 2.
- b. Single Pedestal Desk/Conferencing Area - Minimum 36" deep x appropriate length work surface and return minimum 24" deep x appropriate length with articulating keyboard tray.
- c. Storage Credenza with lateral files, overhead storage with doors - minimum 24" deep x appropriate length.
- d. Attached Storage Cabinet - Single door with coat storage and shelves

Minimum Finishes:

Floor: carpet

Base: resilient base

Walls: painted gypsum wallboard or painted veneer plaster

Ceiling: suspended acoustical panel ceiling

Other requirements:

Room shall have exterior window.

Partitions shall have minimum STC rating of 55.

CLASSROOM AREAS

Provide one group of classrooms and adjacent Learning Resource Center for each battalion. Locate Classroom Area on the first floor. Classrooms and Learning Resource Center will be accessed from the lobby or main corridor. The three classrooms shall be divided by operable panel partitions and provided with appropriate entrances and exits to allow two or three rooms to be combined for use as one large classroom.

Classroom

Provide three; minimum area 83 m² [890 sf] each. Each classroom shall be located to allow direct access from the lobby or corridor, and direct egress out of the building. Classrooms will be located on the first floor.

Occupants: up to 60 persons in each room.

Function: Soldier training and other meetings.

Adjacency requirements: Adjacent to corridor; adjacent to exterior wall.

Locate all three classrooms together to allow use as larger room. Near

toilets.

Furnishings/Fixtures/Equipment per classroom:

15 Training tables with 2 stacking chairs per table.
Walls separating classrooms shall be operable panel partitions with minimum STC rating of 47.
one marker board (minimum 3658 mm wide x 1200 mm high [12'-0" x 4'-0"])
one 2400 mm wide [8'-0"] wall mounted pull-down projection screen
one ceiling mounted GFGI video projector (bracket CFCI)
PC workstation at back of room for PC controlling video projector
CATV outlet

Minimum Finishes:

Floor: VCT with patterning from a minimum of two different tile colors.
Base: resilient base
Walls: painted gypsum wallboard or painted veneer plaster
Ceiling: suspended acoustical panel ceiling, and painted gypsum wallboard or painted veneer plaster
Operable wall: 100% polyolefin fabric

Other requirements:

Permanent partitions shall have minimum STC rating of 49.
Minimum ceiling height 2642 mm [8'-8"] at perimeter, 3000 mm [10'-0"] in main portion of room.

Learning Resource Center

Provide one; minimum area 20.4 m² [220 sf]. Provide direct access from the corridor. Learning Resource Center will be located on the first floor.

Occupants: up to 22 persons.

Function: Soldier training and other meetings.

Adjacency requirements: Adjacent to lobby or main corridor. Near classrooms and toilets.

Furnishings/Fixtures/Equipment:

two 750 x 1500 mm [30" x 60"] worktable, eight stacking chairs and eight bookcases (3 shelf).

One marker board (minimum 2400 mm wide x 1200 mm high [8'-0" x 4'-0"])
One 2400 mm wide [8'-0"] wall mounted pull-down projection screen.
Kitchenette with wall and base cabinets, bar sink, GFGI refrigerator, GFGI microwave oven and GFGI coffeemaker.

Minimum Finishes:

Floor: VCT
Base: resilient base
Walls: painted gypsum wallboard or painted veneer plaster; scrubbable semigloss paint.
Ceiling: suspended acoustical panel ceiling, and painted gypsum wallboard or painted veneer plaster

Other requirements:

Partitions shall have minimum STC rating of 49.

BATTALION HQ COMMON AREAS

Lobby and Corridors

Provide as required to allow access to building spaces. Minimum width of lobby shall be no less than 8'-0" and minimum width of corridors be no less than 1800 mm [6'-0"]. Corridor width shall comply with applicable egress codes.

Function: Entry to the facility; egress and circulation through the building.

Adjacency requirements: Adjacent to main entrances and vertical circulation.

It is preferable to enter lobby/main corridor from two sides of the building.

Furnishings/Fixtures/Equipment:

Wall mounted electric water cooler.
Semi-recessed fire extinguisher cabinets to comply with applicable codes.
Two GFGI vending machines and combination waste/can recycling receptacle.
Building directory near each main entrance.
Two recessed trophy cases (minimum size: 2400 mm wide x 1500 high x 400 mm deep)
One 1200 mm high x 1800 mm wide [4'-0" x 6'-0"] wall mounted bulletin board.

Minimum Finishes:

Floor: porcelain tile; pattern with minimum two tile colors.
Base: porcelain tile, stained wood base, or resilient cove base.
Walls: painted gypsum wallboard, or painted veneer plaster.
Ceiling: suspended acoustical panel ceiling

Other requirements:

Vending machines and waste/recycling receptacles shall be located in an alcove and not project into the lobby or corridor.
Finishes convey important first impression and shall provide an attractive, sophisticated business environment.
Resilient corner guards at lobby and corridors leading to classrooms and first floor restrooms.

Entry Vestibule

Provide at each exterior entrance to lobby/main corridor area.

Function: Primary entry point into the facility; weather protection for interior spaces.

Adjacency requirements: Adjacent to lobby/main corridor.

Furnishings/Fixtures/Equipment:

Minimum Finishes:

Floor: recessed entry mat full depth of vestibule x full width of doors; porcelain tile, or quarry tile in remainder of room.
Base: porcelain tile or quarry tile
Walls: Match exterior wall finish material, or painted gypsum wallboard, or painted veneer plaster
Ceiling: painted gypsum wallboard, painted veneer plaster, or painted Portland cement plaster.

Other requirements:

Interior Stairs

Provide as required to allow circulation to upper floor of the building, and to comply with applicable code egress requirements.

Function: Circulation, furniture transport and means of egress.

Adjacency requirements: Adjacent to corridors. Connects all floors of the building.

Furnishings/Fixtures/Equipment: Stairs shall be steel construction with concrete-filled treads, or cast-in-place concrete construction. Open risers are prohibited.

Minimum Finishes:

Landing floor: porcelain tile, quarry tile, resilient tile, vinyl composition tile, or sealed concrete.
Base: porcelain tile, quarry tile, or resilient cove base.
Treads: porcelain tile, quarry tile, resilient treads, or sealed concrete. Provide slip-resistant nosing if tile is used.
Risers: painted steel, porcelain tile, quarry tile, or sealed concrete.
Walls: painted gypsum wallboard, or painted concrete masonry units.
Ceiling: suspended acoustical panel ceiling, painted gypsum wallboard, painted veneer plaster, or painted Portland cement plaster.

Other requirements: Railings shall be painted steel or prefinished aluminum. Stairs shall be no less than 4'-0" wide.

Men's Toilet Rooms

Provide one or more rooms, sized to accommodate the number of plumbing fixtures required for the battalion. In a 2-story structure, one of the required toilets and one of the required lavatories shall be provided in a single-occupant male toilet room on the second floor. Toilet rooms will be accessed from corridors. Arrange entrance to provide visual privacy.

Function: Restrooms for male occupants.

Adjacency requirements: Adjacent to corridor.

Furnishings/Fixtures/Equipment: 3 lavatories, 4 floor-mounted toilets and 2 wall-hung urinals for the battalion.

toilet partitions at each toilet, and urinal partitions between urinals.

one mirror with shelf above each wall-hung lavatory; one continuous mirror

full width of countertop at countertop mounted lavatories; one paper towel

dispenser/waste receptacle per toilet room; one soap dispenser per lavatory;

one toilet tissue dispenser per toilet; one robe hook on each toilet partition door.

Minimum Finishes:

Floor: porcelain tile, or ceramic tile.

Base: porcelain tile, or ceramic tile.

Walls: ceramic tile, or 1800 mm high ceramic tile wainscot with water-resistant gypsum wallboard or concrete masonry units above; painted scrubbable semigloss.

Ceiling: painted Portland cement plaster, or painted gypsum wallboard or veneer plaster.

Countertops shall be plastic laminate or solid surfacing material.

Other requirements:

Lavatories in single-occupant toilet rooms shall be wall-hung; lavatories in gang toilets shall be countertop mounted.

Each multiple-occupant toilet room shall have floor sloped to floor drain.

Women's Toilet Rooms

Provide one or more rooms, sized to accommodate the number of plumbing fixtures required for the battalion. In a 2-story structure, one of the required toilets and one of the required lavatories shall be provided in a single-occupant female toilet room on the second floor. Toilet rooms will be accessed from corridors. Arrange entrance to provide visual privacy.

Function: Restrooms for female occupants.

Adjacency requirements: Adjacent to corridor.

Furnishings/Fixtures/Equipment:

4 lavatories and 4 floor-mounted toilets.

Toilet partitions at each toilet (not required at single-occupant toilet room).

One mirror with shelf above each wall-hung lavatory; one continuous mirror

full width of countertop at countertop mounted lavatories; one paper towel

dispenser/waste receptacle per toilet room; one soap dispenser per lavatory;

one toilet tissue dispenser per toilet; one sanitary napkin disposal at each

toilet; one robe hook on each toilet partition door.

Minimum Finishes:

Floor: porcelain tile, or ceramic tile.

Base: porcelain tile, or ceramic tile.

Walls: ceramic tile, or 1800 mm high ceramic tile wainscot with water-resistant gypsum wallboard or concrete masonry units above; painted scrubbable semigloss.

Ceiling: painted Portland cement plaster, or painted gypsum wallboard or veneer plaster.

Countertops shall be plastic laminate or solid surfacing material.

Other requirements:

Lavatories in single-occupant toilet rooms shall be wall-hung; lavatories in gang toilets shall be countertop mounted.

Each multiple-occupant toilet room shall have floor sloped to floor drain.

Shower Room

Provide two; minimum area 20 sf each. Rooms shall be used by able-bodied military personnel only. Shower room shall not be combined with toilet rooms. In a two story building shower room may be located on first or second floor.

Function: Private shower and dressing area for use by battalion staff.

Adjacency requirements: Adjacent to toilets.

Furnishings/Fixtures/Equipment: One ceramic tile shower with rod and shower curtain. Shower shall have ceramic soap holder and wall mounted grab bar. Dressing area shall have bench, four towel/robe hooks, and wall mounted full-length mirror.

Minimum Finishes:

Floor: ceramic tile.

Base: ceramic tile.

Walls: ceramic tile

Ceiling: painted water-resistant gypsum wallboard; scrubbable semigloss epoxy.

Other requirements:

Door shall be minimum 2'-6" wide.

Floor sloped to floor drain at dressing area.

Janitor Closet

Minimum area: 2.8 m² [30 sf]. Room shall be accessed from the corridor.

Function: Sink and storage of cleaning supplies, soap, paper products.

Adjacency requirements: Near toilets.

Furnishings/Fixtures/Equipment: One floor mounted mop sink, mop rack for two mops, and minimum 1800 linear mm of wall mounted stainless steel shelving.

Minimum Finishes:

Floor: ceramic tile, or sealed concrete

Base: ramic tile base

Walls: 48" high FRP wainscot with painted water-resistant gypsum wallboard above, or painted concrete masonry units; scrubbable semigloss paint.

Ceiling: painted gypsum wallboard, painted veneer plaster, or painted Portland cement plaster

Other requirements:

Storage

Provide minimum 9.3 m² [100sf] of general storage space. Storage rooms will be accessed from the corridor.

Function: Storage of general items for the battalion.

Adjacency requirements: Adjacent to corridor.

Furnishings/Fixtures/Equipment: None.

Minimum Finishes:

Floor: sealed concrete

Base: resilient cove base

Walls: painted gypsum wallboard or painted veneer plaster, or painted concrete masonry units

Ceiling: suspended acoustical panel ceiling

Other requirements:

BATTALION HQ SUPPORT AREAS

Provide the following areas in each battalion HQ building.

Mechanical Rooms

Provide dedicated areas for mechanical equipment. Mechanical rooms shall not be used for storage or other purposes. Access will be limited to authorized personnel. Size and locate rooms to allow equipment removal and maintenance without requiring demolition. Provide floor openings and vertical shaft spaces as necessary.

Function: Spaces for HVAC, water heating, and other plumbing and mechanical equipment.

Adjacency requirements: Locate to allow efficient distribution. Mechanical

rooms located on the ground floor shall have doors opening to the exterior.

Furnishings/Fixtures/Equipment: As required by Statement of Work.

Minimum Finishes:

Floor: sealed concrete

Base: resilient cove base (none required at concrete masonry unit walls).

Walls: painted gypsum wallboard or painted veneer plaster, or painted concrete masonry units

Ceiling: none required

Other requirements:

Floor sloped to floor drains.

Electrical Rooms

Provide dedicated areas for electrical equipment. Electrical rooms shall not be used for storage or other purposes. Access will be limited to authorized personnel.

Function: Spaces for electrical equipment.

Adjacency requirements: Locate to allow efficient distribution. Electrical rooms shall be accessed from corridors.

Furnishings/Fixtures/Equipment: As required by Statement of Work.

Minimum Finishes:

Floor: sealed concrete

Base: resilient cove base (none required at concrete masonry walls)

Walls: painted gypsum wallboard or painted veneer plaster, or painted concrete masonry units

Ceiling: none required.

Other requirements: Electrical service to buildings shall be underground.

Communication Room

Provide dedicated rooms for communication distribution equipment. Provide minimum one room on each floor; size of 1st floor room approximately 10'-0" by 12'-0"; minimum size of second floor room 8'-0" by 8'-0". Vertical stacking of communication rooms is preferred. Provide additional communications rooms as needed; all spaces having telephone or computer data outlets shall be located to allow a maximum cable length of 295 feet between outlet and panel termination in communication room. Provide floor openings and vertical shaft spaces as necessary. Rooms shall be accessed from corridors. Access will be limited to authorized personnel. Comply with IDG.

Function: Distribution areas for telephone, data network, and cable television.

Adjacency requirements: Adjacent to corridor. Locate to allow efficient distribution.

Furnishings/Fixtures/Equipment: As required by Statement of Work.

Minimum Finishes:

Floor: vinyl composition tile.

Base: resilient cove base

Walls: painted gypsum wallboard or painted veneer plaster, or painted concrete masonry units

*6

Ceiling: ~~painted gypsum wallboard, painted veneer plaster, or~~ suspended acoustical panel ceiling

Other requirements: three 100 mm [4"] empty conduits connecting vertically stacked communication rooms.

*6

Secure Communication Room

Provide dedicated interior room for secure communication distribution equipment. Room shall be dedicated to one company, and shall not be combined with communication, mechanical or electrical rooms. Secure communication room shall be accessed from corridor. Access will be limited to authorized personnel. Provide one secure communication room; minimum area 36 sf. In two-story buildings the communication room shall be located on the second floor. Provide additional secure communication rooms as needed; all spaces

having SIPRNET or NIPRNET outlets shall be located to allow a maximum cable length of 295 feet from outlet to termination in secure communication room. Provide floor openings and vertical shaft spaces as necessary.

Function: Secure data network support spaces for the building.

Adjacency requirements: Locate to allow efficient distribution. Communication rooms shall not be used for storage or other purposes; access will be limited to authorized personnel.

Furnishings/Fixtures/Equipment: As required by Statement of Work. GFGI SPIRNET encryption equipment.

Minimum Finishes:

Floor: Vinyl composition tile

Base: Resilient cove base

Walls: Painted gypsum wallboard or painted veneer plaster, or painted concrete masonry units

Ceiling: None

*7

Other requirements:

Emergency Power

Partitions must extend to underside of structural deck above. Door to have combination cipher lock. No windows or other openings.

Elevator Equipment Room

Provide one. Size to comply with equipment and code requirements.

Function: Space for hydraulic elevator equipment.

Adjacency requirements: Adjacent to elevator and corridor.

Furnishings/Fixtures/Equipment: As required by Statement of Work

Minimum Finishes:

Floor: sealed concrete

Base: resilient cove base

Walls: painted gypsum wallboard or painted veneer plaster, or painted concrete masonry units

Ceiling: none required.

Other requirements: None.

Elevator

Provide shaft and sump for one future hydraulic passenger elevator, 2,500 lb capacity, minimum 75 feet per minute speed, handicapped accessible.

Function: Space for future elevator.

Adjacency requirements: Adjacent to lobby or main corridor.

Furnishings/Fixtures/Equipment: Sump. See mechanical requirements.

APPENDIX F4

BRIGADE HEADQUARTERS FACILITY FUNCTIONAL AND AREA REQUIREMENTS

NOTES:

Hours of operation for all occupied spaces are regular business day unless noted otherwise. Minimum ceiling height for all spaces is 8'-0" unless noted otherwise. All workstations to have one PC and phone unless noted otherwise. All personnel doors are minimum 3'-0" unless noted otherwise.

GENERAL. The brigade headquarters (HQ) building shall consist of administrative areas, soldier services areas, and support spaces. Provide one single-story brigade HQ building. Total gross building area shall not exceed 972.0 square meters (m²) [10,463 square feet (sf)]. To the greatest extent possible, the building shall be arranged to allow future reconfiguration of administrative office spaces: fixed elements such as toilets, equipment rooms, and core areas shall be located at the perimeter of administrative spaces; partitions separating administrative spaces should not be bearing walls.

Leadership and staff will manage the organization, receive visitors, and conduct the business of the brigade from the administrative areas (Command section, S-1/PAC, S-2, S-3, and S-4). Military personnel will staff the facility; military and non-military personnel will visit the facility to meet with leadership or soldier services staff (Chaplain, re-enlistment office). Building spaces and areas shall be as follows:

COMMAND SECTION

Provide one group of offices, with accompanying reception area, coffee area and private toilet. Command section shall be adjacent to the S-1/PAC Clerical/Central Files area. Reception area shall have direct access to corridor. Interior design of this area shall be upgraded to reflect this office's prestige.

Commanding Officer (CO)

Provide one; 21 m² [226 sf]. Room shall be accessed through the Reception Area.

Occupants: 1, and occasional visitors.

Function: Private office for brigade commanding officer.

Adjacency requirements: Adjacent to Reception Area, S-1 Clerical /Central Files. Adjacent to or near command section toilet, coffee area, Executive Officer and Command Sergeant Major offices. Adjacent to Conference Room with direct access.

Furnishings/Fixtures/Equipment:

Wood furniture - U-Shaped Workstation to include:

- a. High back task chair, side chairs minimum 2.
- b. Single Pedestal Desk/Conferencing Area - Minimum 36" deep x appropriate length work surface and return minimum 24" deep x appropriate length with articulating keyboard tray.
- c. Storage Credenza with lateral files, overhead storage with doors - minimum 24" deep x appropriate length.
- d. Attached Storage Cabinet - Single door with coat storage and shelves.
- e. Separate Lounge seating minimum two lounge chairs, corner table and lamp.

GFGI TV with CATV connection

Minimum Finishes:

Floor: carpet

Base: resilient base

Walls: painted gypsum wallboard or painted veneer plaster

Ceiling: suspended acoustical panel ceiling

Other requirements:

Room shall have exterior window.

Partitions shall have minimum STC rating of 49.

Secret Internet Protocol Router Network (SIPRNET) connection.

Executive Officer (XO)

Provide one; 11.1 m² [120 sf]. Room shall be accessed through the Reception Area.

Occupants: 1, and occasional visitors.

Function: Private office for brigade executive officer.

Adjacency requirements: Adjacent to Reception Area, S-1/PAC Clerical /Central Files. Adjacent to or near command section toilet, coffee area, CO office and Command Sergeant Major office.

Furnishings/Fixtures/Equipment:

Wood furniture - U-Shaped Workstation to include:

- a. High back task chair, side chairs minimum 2.
- b. Single Pedestal Desk/Conferencing Area - Minimum 36" deep x appropriate length work surface and return minimum 24" deep x appropriate length with articulating keyboard tray.
- c. Storage Credenza with lateral files, overhead storage with doors - minimum 24" deep x appropriate length.

Minimum Finishes:

Floor: carpet

Base: resilient base

Walls: painted gypsum wallboard or painted veneer plaster

Ceiling: suspended acoustical panel ceiling

Other requirements:

Room shall have exterior window.

Partitions shall have minimum STC rating of 49.

Command Sergeant Major (CSM)

Provide one; 11.1 m² [120 sf]. Room shall be accessed through the Reception Area.

Occupants: 1, and occasional visitors.

Function: Private office for brigade command sergeant major.

Adjacency requirements: Adjacent to Reception Area, S-1 Clerical /Central Files. Adjacent to or near command section toilet, coffee area, CO office and XO office.

Furnishings/Fixtures/Equipment:

Wood furniture - U-Shaped Workstation to include:

- a. High back task chair, side chairs minimum 2.
 - b. Single Pedestal Desk/Conferencing Area - Minimum 36" deep x appropriate length work surface and return minimum 24" deep x appropriate length with articulating keyboard tray.
 - c. Storage Credenza with lateral files, overhead storage with doors - minimum 24" deep x appropriate length.
- GFGI TV with CATV connection

Minimum Finishes:

Floor: carpet

Base: resilient base

Walls: painted gypsum wallboard or painted veneer plaster

Ceiling: suspended acoustical panel ceiling

Other requirements:

Room shall have exterior window.

Partitions shall have minimum STC rating of 49.

Reception Area

Provide one area; 29.5 m² [315 sf] for reception desk, coffee area (described below), driver workstation, supply area and waiting area. Reception area shall be accessed directly from corridor/lobby, and also through the S-1/PAC Clerical/Central Files area. Driver workstation and supply area may be combined in one space and shall have visual screening from reception and waiting area.

Occupants: 2, and space for six visitors.

Function: Receptionist workstation and waiting area for visitors to CO, XO, CSM offices. Driver workstation and Command Group supply area.

Adjacency requirements: Adjacent to S-1/PAC Clerical/Central Files; adjacent to lobby or corridor. Adjacent to command section toilet, coffee area, CO, XO and Command Sergeant Major offices.

Furnishings/Fixtures/Equipment:

Wood furniture - U-Shaped Workstation to include:

- a. High back task chairs side chair.
 - b. Single Pedestal Desk/Conferencing Area - Minimum 36" deep x appropriate length work surface and return minimum 24" deep x appropriate length with articulating keyboard tray.
 - c. Storage Credenza with lateral files, overhead storage with doors - minimum 24" deep x appropriate length.
 - d. Three lateral files.
 - e. Separate Lounge seating minimum two lounge chairs, rectangular magazine table and lamp.
- GFGI Fax, GFGI printer in supply area
Driver workstation TBD

Minimum Finishes:

Floor: carpet

Base: resilient base

Walls: painted gypsum wallboard or painted veneer plaster

Ceiling: suspended acoustical panel ceiling

Other requirements:

Coffee Area

Provide one; area is part of Reception space. Area shall have countertop with kitchen sink.

Function: Sink and space for coffee maker and supplies; for use by command section staff and visitors.

Adjacency requirements: Adjacent to and accessed from Reception Area. Near CO, XO, and CSM offices. Locate to avoid conflicts with circulation pattern.

Furnishings/Fixtures/Equipment (FFE):

Minimum 4'-0" wide by 600 mm deep [2'-0"] plastic laminate countertop with stainless steel kitchen sink.

Minimum 4'-0" of wall cabinets; mounted to provide 600 mm clearance above countertop.

GFGI Coffee maker with dedicated electrical receptacle.

Minimum Finishes:

Floor: porcelain tile, or ceramic tile.

Base: porcelain tile, or ceramic tile.

Walls: painted gypsum wallboard or painted veneer plaster; scrubbable semigloss.

Ceiling: suspended acoustical panel ceiling.

Other requirements:

Command Section Toilet

Provide one private toilet room. Room shall be accessed from reception area.

Function: single-occupant toilet and lavatory, for use by command staff and visitors.

Adjacency requirements: Adjacent to coffee area. Near CO, XO, and CSM offices.

Furnishings/Fixtures/Equipment (FFE): One floor mounted toilet, one wall-hung lavatory, mirror with shelf above lavatory, Paper towel dispenser/waste receptacle, soap dispenser, toilet tissue dispenser, and wall mounted grab bars at toilet.

Minimum Finishes:

Floor: porcelain tile, or ceramic tile.

Base: porcelain tile, or ceramic tile.

Walls: ceramic tile

Ceiling: suspended acoustical panel ceiling. **Other requirements:**

Arrange space so that door does not open directly into reception area.

Partitions shall have minimum STC rating of 49.

S-1/PAC SECTION

Provide one group of offices.

S-1 Officer

Provide one; 8.6m² [92sf]. Room shall be accessed through the S-1/PAC Clerical/Central Files area.

Occupants: 1, and occasional visitors.

Function: Private office for S-1 officer.

Adjacency requirements: Adjacent to S-1/PAC Clerical/Central Files. Near Command Section offices.

Furnishings/Fixtures/Equipment:

Metal/Laminate ADP/Modular Workstation - L-Shaped Workstation

- a. 30" x 60" work surface.
- b. 60" overhead storage with doors.
- c. 36" x 30" computer surface with articulating keyboard tray.
- d. Box, box, file storage pedestal key lock.
- e. Task chair/side chair.
- f. Lateral file.

Minimum Finishes:

Floor: carpet

Base: resilient base

Walls: painted gypsum wallboard or painted veneer plaster

Ceiling: suspended acoustical panel ceiling

Other requirements:

Room shall have exterior window.

Partitions shall have minimum STC rating of 49.

Office

Provide one; 8.6m² [92 sf]. Area shall be a private office accessed through the S-1/PAC Clerical/Central Files area.

Occupants: 1

Function: Private office for use by S-1/PAC personnel.

Adjacency requirements: Adjacent to S-1/PAC Clerical /Central Files.

Furnishings/Fixtures/Equipment:

Metal/Laminate ADP/Modular Workstation - L-Shaped Workstation

- a. 30" x 60" work surface.
- b. 60" overhead storage with doors.
- c. 36" x 30" computer surface with articulating keyboard tray.
- d. Box, box, file storage pedestal key lock.
- e. Task chair/side chair.
- f. Lateral file.

Minimum Finishes:

Floor: carpet

Base: resilient base

Walls: painted gypsum wallboard or painted veneer plaster

Ceiling: suspended acoustical panel ceiling

Other requirements:

Exterior window is desirable.

Partitions shall have minimum STC rating of 49.

2PN Office

Provide one; 12.5m² [134 sf]. Area shall be a shared office for two people accessed through the S-1/PAC Clerical/Central Files area.

Occupants: 2

Function: Private office for use by S-1/PAC personnel.

Adjacency requirements: Adjacent to S-1/PAC Clerical /Central Files.

Furnishings/Fixtures/Equipment:

Two - Metal/Laminate ADP/Modular Workstation - L-Shaped Workstation

- g. 30" x 60" work surface.
- h. 60" overhead storage with doors.
- i. 36" x 30" computer surface with articulating keyboard tray.
- j. Box, box, file storage pedestal key lock.
- k. Task chair/side chair.
- l. Lateral file.

Minimum Finishes:

Floor: carpet

Base: resilient base

Walls: painted gypsum wallboard or painted veneer plaster

Ceiling: suspended acoustical panel ceiling

Other requirements:

Exterior window is desirable.

Partitions shall have minimum STC rating of 49.

S-1/PAC Clerical/Central Files

Provide one; 53.4 m² [575 sf]. S-1 Clerical/Central Files shall be accessed from the lobby or corridor. The area shall have direct access to S-1/PAC and Command Section private offices.

Occupants: 6 staff and occasional visitors.

Function: Open office area for S-1/PAC admin staff; access to S-1/PAC and Command offices. Service counter and waiting area.

Adjacency requirements: Adjacent to lobby or corridor. Adjacent to S-1/PAC and Command private offices.

Furnishings/Fixtures/Equipment:

Six - Metal/Laminate ADP/Modular Workstations - L-Shaped Workstations

- a. 30" x 60" work surface.
- b. 60" overhead storage with doors.
- c. 36" x 30" computer surface with articulating keyboard tray.
- d. Box, box, file storage pedestal key lock.
- e. Task chair/side chair.
- f. Lateral file.

Modular furniture transaction counter at room entrance nearest lobby (approximately 8' long).

Waiting area with seating for minimum 3 people. GFGI Photocopier, GFGI fax, GFGI laser printer, GFGI shredder, copier supplies storage, waste and paper recycling receptacles

Minimum Finishes:

Floor: carpet

Base: resilient base

Walls: painted gypsum wallboard or painted veneer plaster

Ceiling: suspended acoustical panel ceiling

Other requirements:

Exterior window is desirable.

Partitions shall have minimum STC rating of 49.

Minimum ceiling height 2642 mm [8'-8"].

Message Mail Center

Provide one; 8.9 m² [95 sf]. Room shall be accessed from the lobby and convenient to PAC Clerical/Central Files area.

Occupants: 1.

Function: Mail sorting.

Adjacency requirements: Adjacent to corridor/lobby; convenient access to S-1/PAC Clerical/Central Files.

Furnishings/Fixtures/Equipment:

Metal/Laminate Single Desk - Single desk

- a. 30"x 60" workstation with articulating keyboard tray.
- b. 60" overhead storage with doors.
- c. Box, box, file storage pedestal key lock.
- d. Task chair.

One - Mail sorting unit.

GFGI Photocopier, GFGI fax, GFGI laser printer, GFGI shredder, copier supplies

storage, waste and paper recycling receptacles

Minimum Finishes:

Floor: vinyl composition tile, or porcelain tile
Base: resilient base, or porcelain tile base
Walls: painted gypsum wallboard or painted veneer plaster
Ceiling: suspended acoustical panel ceiling

Other requirements:

S-1 Supply Room

Provide one; 3.8 m² [40 sf]. Room shall be under control of, and located near, S-1/PAC Clerical/Central Files area.

Function: Storage of supplies for administrative sections.

Adjacency requirements: Adjacent to S-1 Clerical/Central Files.

Furnishings/Fixtures/Equipment:

Minimum Finishes:

Floor: sealed concrete, or vinyl composition tile
Base: resilient cove base
Walls: painted gypsum wallboard or painted veneer plaster, or painted concrete masonry units
Ceiling: suspended acoustical panel ceiling

Other requirements:

SIGNAL SECTION

Provide one group of offices.

Office

Provide two; each 8.6 m² [92 sf]. Room shall be accessed through the Signal Open Office.

Occupants: 1.

Function: Private office for Signal Section staff.

Adjacency requirements: Adjacent to Signal Open Office.

Furnishings/Fixtures/Equipment:

Metal/Laminate ADP/Modular Workstation - L-Shaped Workstation

- a. 30" x 60" worksurface.
- b. 60" overhead storage with doors.
- c. 36" x 30" computer surface with articulating keyboard tray.
- d. Box, box, file storage pedestal key lock.
- e. Task chair/side chair.
- f. Lateral file

Minimum Finishes:

Floor: carpet
Base: resilient base
Walls: painted gypsum wallboard or painted veneer plaster
Ceiling: suspended acoustical panel ceiling

Other requirements:

Room shall have exterior window.
Partitions shall have minimum STC rating of 49.

Signal Open Office

Provide one; 30.3m² [325 sf]. Signal Open Office shall be accessed from the lobby or corridor. The area shall have direct access to Signal Section private offices and supply room.

Occupants: 4 staff and occasional visitors.

Function: Open office area for Signal admin staff.

Adjacency requirements: Adjacent to lobby or corridor. Adjacent to Signal private offices.

Furnishings/Fixtures/Equipment:

Four - Metal/Laminate ADP/Modular Workstations - L-Shaped Workstations

- g. 30" x 60" work surface.
- h. 60" overhead storage with doors.
- i. 36" x 30" computer surface with articulating keyboard tray.
- j. Box, box, file storage pedestal key lock.
- k. Task chair/side chair.
- l. Lateral file.

GFGI Photocopier, GFGI fax, GFGI laser printer, GFGI shredder, copier supplies storage, waste and paper recycling receptacles

Minimum Finishes:

Floor: carpet

Base: resilient base

Walls: painted gypsum wallboard or painted veneer plaster

Ceiling: suspended acoustical panel ceiling

Other requirements:

Exterior window is desirable.

Partitions shall have minimum STC rating of 49.

Minimum ceiling height 2642 mm [8'-8"].

Signal Supply Room

Provide one; 3.5 m² [37 sf]. Room shall be under control of, and accessed from, Signal Open Office.

Function: Storage of supplies for section equipment.

Adjacency requirements: Adjacent to Signal Open Office.

Furnishings/Fixtures/Equipment:

Minimum Finishes:

Floor: sealed concrete, or vinyl composition tile

Base: resilient cove base

Walls: painted gypsum wallboard or painted veneer plaster, or painted concrete masonry units

Ceiling: suspended acoustical panel ceiling

Other requirements:

S-2 SECTION

Provide one group of offices. The perimeter of the S-2 section shall have partitions that extend to underside of roof deck above and shall have minimum STC rating of 55.

S-2 Officer

Provide one; 8.8 m² [95sf]. Room shall be accessed through the S-2 Clerical/Central Files area.

Occupants: 1, and occasional visitors.

Function: Private office for S-2 officer.

Adjacency requirements: Adjacent to S-2 Clerical/Central Files.

Furnishings/Fixtures/Equipment:

Metal/Laminate ADP/Modular Workstation - L-Shaped Workstation

- a. 30" x 60" work surface.
- b. 60" overhead storage with doors.
- c. 36" x 30" computer surface with articulating keyboard tray.
- d. Box, box, file storage pedestal key lock.
- e. Task chair/side chair.
- f. Lateral file

Minimum Finishes:

Floor: carpet

Base: resilient base

Walls: painted gypsum wallboard or painted veneer plaster

Ceiling: suspended acoustical panel ceiling

Other requirements:

Room shall have exterior window.

Partitions shall have minimum STC rating of 49.

SIPRNET connection

Office

Provide one; each 8.6 m² [92 sf]. Area shall be a private office accessed through the S-2 Clerical/Central Files area.

Occupants: 1.

Function: Private office for use by S-2 personnel.

Adjacency requirements: Adjacent to S-2 Clerical /Central Files.

Furnishings/Fixtures/Equipment:

Metal/Laminate ADP/Modular Workstation - L-Shaped Workstation

- a. 30" x 60" work surface.
- b. 60" overhead storage with doors.
- c. 36" x 30" computer surface with articulating keyboard tray.
- d. Box, box, file storage pedestal key lock.
- e. Task chair/side chair.
- f. Lateral file

Minimum Finishes:

Floor: carpet

Base: resilient base

Walls: painted gypsum wallboard or painted veneer plaster

Ceiling: suspended acoustical panel ceiling

Other requirements:

Exterior window is desirable.

Drywall partitions shall have minimum STC rating of 49.

SIPRNET connection

S-2 Clerical/Central Files

Provide one; 31 m² [330 sf]. S-2 Clerical/Central Files shall be accessed from lobby or corridor. The area shall have direct access to S-2 private offices and Secured Documents Vault.

Occupants: 3 staff, and occasional visitors.

Function: Open office area for S-2 admin staff; access to other S-2 spaces.

Adjacency requirements: Adjacent to corridor. Adjacent to S-2 private offices and Secured Documents Vault.

Furnishings/Fixtures/Equipment:

Three - Metal/Laminate ADP/Modular Workstations - L-Shaped Workstations

- a. 30" x 60" work surface.
- b. 60" overhead storage with doors.
- c. 36" x 30" computer surface with articulating keyboard tray.
- d. Box, box, file storage pedestal key lock.
- e. Task chair/side chair.
- f. Lateral file

TV with CATV connection

Visual display board - multitrack system with fixed tackboard surface under sliding marker board panels under sliding tackboard/cover panels. Size of tackboard 4'h by 8'w. Prefinished aluminum trim with chalk tray with end caps extending full width of unit.

Map file (existing to be relocated)

GFGI Photocopier, GFGI fax, GFGI laser printer, GFGI shredder, copier supplies storage, waste and paper recycling receptacles

Minimum Finishes:

Floor: carpet

Base: resilient base

Walls: painted gypsum wallboard or painted veneer plaster

Ceiling: suspended acoustical panel ceiling

Other requirements:

Door shall have combination cipher lock entry lockset.

Exterior window is desirable.

Partitions shall have minimum STC rating of 49.

Minimum ceiling height 2642 mm [8'-8"].

Secured Documents Vault

Provide one room; 10.8 m² [115 sf]. Vault shall be certified for open storage of secret material. Class M Modular construction is acceptable. To allow future flexibility in reconfiguring offices areas, locate vault on the perimeter of the administrative areas.

Occupants: 1

Function: Storage of documents classified 'secret' and below. Space for crypto equipment. Workspace for one clerk.

Adjacency requirements: Adjacent to and accessed from S-2 Clerical/Central Files.

Furnishings/Fixtures/Equipment:

lea workstation TBD

Crypto equipment

*6

[GFGI SIPRNET encryption equipment.](#)

Minimum Finishes:

Floor: vinyl composition tile

Base: resilient base

Walls: painted or pre-finished modular vault panels

Ceiling: painted or pre-finished modular vault panels

Other requirements:

*7

[Emergency Power](#)

SIPRNET connection.
Class 5 vault door with day gate.

S-3 SECTION

Provide one group of offices.

S-3 Officer

Provide one; 8.6 m² [92 sf]. Room shall be accessed through the S-3 Clerical/Central Files area.

Occupants: 1, and occasional visitors.

Function: Private office for S-3 officer.

Adjacency requirements: Adjacent to S-3 Clerical /Central Files.

Furnishings/Fixtures/Equipment:

Metal/Laminate ADP/Modular Workstation - L-Shaped Workstation

- a. 30" x 60" work surface.
- b. 60" overhead storage with doors.
- c. 36" x 30" computer surface with articulating keyboard tray.
- d. Box, box, file storage pedestal key lock.
- e. Task chair/side chair.
- f. Lateral file

Minimum Finishes:

Floor: carpet

Base: resilient base

Walls: painted gypsum wallboard or painted veneer plaster

Ceiling: suspended acoustical panel ceiling

Other requirements:

Room shall have exterior window.

Partitions shall have minimum STC rating of 49.

SIPRNET connection

Office

Provide four; each 8.6 m² [92 sf]. Areas shall be private offices accessed through the S-3 Clerical/Central Files area.

Occupants: 1 in each office.

Function: Private office for use by S-3 personnel.

Adjacency requirements: Adjacent to S-3 Clerical /Central Files.

Furnishings/Fixtures/Equipment:

Metal/Laminate ADP/Modular Workstation - L-Shaped Workstation

- a. 30" x 60" work surface.
- b. 60" overhead storage with doors.
- c. 36" x 30" computer surface with articulating keyboard tray.
- d. Box, box, file storage pedestal key lock.
- e. Task chair/side chair.
- f. Lateral file

Minimum Finishes:

Floor: carpet

Base: resilient base
Walls: painted gypsum wallboard or painted veneer plaster
Ceiling: suspended acoustical panel ceiling
Other requirements:
SIPRNET connection.
Exterior window is desirable.
Partitions shall have minimum STC rating of 49.

S-3 Clerical/Central Files

Provide one; 81.6 m² [875 sf]. S-3 Clerical/Central Files shall be accessed from the lobby or corridor. The area shall have direct access to S-3 private offices.

Occupants: 12 staff and occasional visitors.

Function: Open office area for S-3 admin staff; access to S-3 offices.

Adjacency requirements: Adjacent to corridor. Adjacent to S-3 private offices.

Furnishings/Fixtures/Equipment:

Twelve - Metal/Laminate ADP/Modular Workstations - L-Shaped Workstations

- a. 30" x 60" worksurface.
- b. 60" overhead storage with doors.
- c. 36" x 30" computer surface with articulating keyboard tray.
- d. Box, box, file storage pedestal key lock.
- e. Task chair/side chair.
- f. Lateral file

GFGI TV with CATV connection

Visual display board - multitrack system with fixed tackboard surface under sliding marker board panels under sliding tackboard/cover panels. Size of tackboard 4'h by 8'w. Prefinished aluminum trim with chalk tray with end caps extending full width of unit.

GFGI Photocopier, GFGI fax, GFGI laser printer, GFGI shredder, copier supplies storage, waste and paper recycling receptacles

Minimum Finishes:

Floor: carpet
Base: resilient base
Walls: painted gypsum wallboard or painted veneer plaster
Ceiling: suspended acoustical panel ceiling
Other requirements:
Exterior window is desirable.
Partitions shall have minimum STC rating of 49.
Minimum ceiling height 2642 mm [8'-8"].

S-3 Supply Room

Provide one; 1.8 m² [19 sf]. Room shall be under control of, and located near, S-3 Clerical/Central Files area.

Function: Storage of supplies for administrative sections.

Adjacency requirements: Adjacent to S-3 Clerical/Central Files.

Furnishings/Fixtures/Equipment:

Minimum Finishes:

Floor: sealed concrete, or vinyl composition tile
Base: resilient cove base
Walls: painted gypsum wallboard or painted veneer plaster, or painted concrete

masonry units
Ceiling: suspended acoustical panel ceiling
Other requirements:

PLANS SECTION

Provide one group of offices. The Plans Section is accessed from the S-3 Clerical/Central Files Area.

Office

Provide two; each 8.6 m² [92 sf]. Areas shall be private offices accessed through the Plans Open Office.

Occupants: 1 in each office.

Function: Private office for use by Plans personnel.

Adjacency requirements: Adjacent to Plans Open Office.

Furnishings/Fixtures/Equipment:

Metal/Laminate ADP/Modular Workstation - L-Shaped Workstation

- g. 30" x 60" work surface.
- h. 60" overhead storage with doors.
- i. 36" x 30" computer surface with articulating keyboard tray.
- j. Box, box, file storage pedestal key lock.
- k. Task chair/side chair.
- l. Lateral file

Minimum Finishes:

Floor: carpet

Base: resilient base

Walls: painted gypsum wallboard or painted veneer plaster

Ceiling: suspended acoustical panel ceiling

Other requirements:

SIPRNET connection.

Exterior window is desirable.

Partitions shall have minimum STC rating of 49.

Plans Open Office

Provide one; 29.8 m² [320 sf]. Shared office accessed through the S-3 Clerical/Central Files area.

Occupants: 6

Function: Open office for use by Plans personnel.

Adjacency requirements: Adjacent to S-3 Clerical /Central Files.

Furnishings/Fixtures/Equipment:

Six - Metal/Laminate ADP/Modular Workstation - L-Shaped Workstation

- m. 30" x 60" work surface.
- n. 60" overhead storage with doors.
- o. 36" x 30" computer surface with articulating keyboard tray.
- p. Box, box, file storage pedestal key lock.
- q. Task chair/side chair.
- r. Lateral file

Minimum Finishes:

Floor: carpet
Base: resilient base
Walls: painted gypsum wallboard or painted veneer plaster
Ceiling: suspended acoustical panel ceiling

Other requirements:

SIPRNET connections.
Exterior window is desirable.
Partitions shall have minimum STC rating of 49.

S-4 SECTION

Provide one group of offices.

S-4 Officer

Provide one; 8.6m² [92sf]. Room shall be accessed through the S-4 Clerical/Central Files area.

Occupants: 1, and occasional visitors.

Function: Private office for S-4 officer.

Adjacency requirements: Adjacent to S-4 Clerical /Central Files.

Furnishings/Fixtures/Equipment:

Metal/Laminate ADP/Modular Workstation - L-Shaped Workstation

- a. 30" x 60" worksurface.
- b. 60" overhead storage with doors.
- c. 36" x 30" computer surface with articulating keyboard tray.
- d. Box, box, file storage pedestal key lock.
- e. Task chair/side chair.
- f. Lateral file

Minimum Finishes:

Floor: carpet
Base: resilient base
Walls: painted gypsum wallboard or painted veneer plaster
Ceiling: suspended acoustical panel ceiling

Other requirements:

Room shall have exterior window.
Partitions shall have minimum STC rating of 49.

Office

Provide Three; each 6.8m² [73sf]. Areas shall be a private offices accessed through the S-4 Clerical/Central Files area.

Occupants: 1 in each office.

Function: Private office for use by S-4 personnel.

Adjacency requirements: Adjacent to S-4 Clerical /Central Files.

Furnishings/Fixtures/Equipment:

Metal/Laminate ADP/Modular Workstation - L-Shaped Workstation

- a. 30" x 60" worksurface.
- b. 60" overhead storage with doors.
- c. 36" x 30" computer surface with articulating keyboard tray.
- d. Box, box, file storage pedestal key lock.

e. Task chair/side chair.

f. Lateral file

Minimum Finishes:

Floor: carpet

Base: resilient base

Walls: painted gypsum wallboard or painted veneer plaster

Ceiling: suspended acoustical panel ceiling

Other requirements:

Exterior window is desirable.

Partitions shall have minimum STC rating of 49.

S-4 Clerical/Central Files

Provide one; 26.4 m² [284 sf]. S-4 Clerical/Central Files shall be accessed from corridor. The area shall have direct access to S-4 private offices.

Occupants: 3 staff and occasional visitors.

Function: Open office area for S-4 admin staff; access to S-4 offices.

Adjacency requirements: Adjacent to lobby or corridor. Adjacent to S-4 private offices.

Furnishings/Fixtures/Equipment:

Three - Metal/Laminate ADP/Modular Workstation - L-Shaped Workstation

a. 30" x 60" worksurface.

b. 60" overhead storage with doors.

c. 36" x 30" computer surface with articulating keyboard tray.

d. Box, box, file storage pedestal key lock.

e. Task chair/side chair.

f. Lateral file

GFGI Photocopier, GFGI fax, GFGI laser printer, GFGI shredder, copier supplies storage, waste and paper recycling receptacles

Minimum Finishes:

Floor: carpet

Base: resilient base

Walls: painted gypsum wallboard or painted veneer plaster

Ceiling: suspended acoustical panel ceiling

Other requirements:

Exterior window is desirable.

Partitions shall have minimum STC rating of 49.

Minimum ceiling height 2642 mm [8'-8"].

SOLDIER SERVICES

Provide one group of offices. Soldier services are unrelated to other brigade administration functions; locate off of main lobby/corridor.

Chaplain's Assistant

Provide one; 10.6 m² [114 sf]. Room shall be accessed from the lobby.

Occupants: 1, and visitors.

Function: Private office for Chaplain's Assistant and waiting area for visitors to Chaplain's office.

Adjacency requirements: Adjacent to lobby.

Furnishings/Fixtures/Equipment:

Metal/Laminate ADP/Modular Workstation - L-Shaped Workstation

- a. 30" x 60" work surface.
- b. 60" overhead storage with doors.
- c. 36" x 30" computer surface with articulating keyboard tray.
- d. Box, box, file storage pedestal key lock.
- e. Task chair/side chair.
- f. Lateral file.

GFGI Laser printer

Minimum Finishes:

Floor: carpet

Base: resilient base

Walls: painted gypsum wallboard or painted veneer plaster

Ceiling: suspended acoustical panel ceiling

Other requirements:

Exterior window is desirable.

Partitions shall have minimum STC rating of 55.

Chaplain

Provide one; 9.1 m² [97 sf]. Room shall be accessed from the Chaplain's Assistant office.

Occupants: 1, and visitors.

Function: Private office for Chaplain and visitors.

Adjacency requirements: Adjacent to Chaplain's Assistant.

Furnishings/Fixtures/Equipment:

Wood furniture - U-Shaped Workstation to include:

- a. High back task chair, side chairs minimum 2.
- b. Single Pedestal Desk/Conferencing Area - Minimum 36" deep x appropriate length work surface and return minimum 24" deep x appropriate length with articulating keyboard tray.
- c. Storage Credenza with lateral files, overhead storage with doors - minimum 24" deep x appropriate length.
- d. Attached Storage Cabinet - Single door with coat storage and shelves

GFGI Fax

Minimum Finishes:

Floor: carpet

Base: resilient base

Walls: painted gypsum wallboard or painted veneer plaster

Ceiling: suspended acoustical panel ceiling

Other requirements:

Room shall have exterior window.

Partitions shall have minimum STC rating of 55.

Office

Provide four; 8.2 m² [88 sf]. Rooms shall be accessed from the corridor.

Occupants: 1, and visitors.

Function: Private office.

Adjacency requirements: Adjacent to corridor

Furnishings/Fixtures/Equipment:

Metal/Laminate ADP/Modular Workstation - L-Shaped Workstation

- a. 30" x 60" worksurface.
- b. 60" overhead storage with doors.
- c. 36" x 30" computer surface with articulating keyboard tray.
- d. Box, box, file storage pedestal key lock.
- e. Task chair/side chair.
- f. Lateral file

Minimum Finishes:

Floor: carpet

Base: resilient base

Walls: painted gypsum wallboard or painted veneer plaster

Ceiling: suspended acoustical panel ceiling

Other requirements:

Exterior window is preferred.

Partitions shall have minimum STC rating of 49.

Supply Closet

Provide one; 1.9 m² [20 sf]. Room shall be accessed from the corridor.

Function: storage closet for supplies used by soldier services functions.

Adjacency requirements: Adjacent to soldier services spaces and corridor.

Furnishings/Fixtures/Equipment:

Minimum Finishes:

Floor: carpet or vinyl composition tile

Base: resilient base

Walls: painted gypsum wallboard or painted veneer plaster

Ceiling: suspended acoustical panel ceiling, painted gypsum wallboard, or painted veneer plaster.

Other requirements:

BRIGADE HQ COMMON AREAS

Provide the following areas in each building.

Conference Room

Provide one; 41.5 m² [445 sf] Room shall be located to allow direct access from the corridor, the Command Section and Commanding Officer Office.

Occupants: up to 30 persons.

Function: Conference room for brigade leadership, staff, and visitors.

Functions will include staff meetings, hearings, disciplinary sessions, training. Converts to use as Emergency Operations Center as needed.

Adjacency requirements: Adjacent to corridor, Command Section and Commanding Officer. Near other administrative sections.

Furnishings/Fixtures/Equipment:

one conference table, chairs and podium.

marker board (minimum 2400 mm wide x 1200 mm high [8'-0" x 4'-0"])

2400 mm wide [8'-0"] wall mounted pull-down projection screen

Ceiling-mounted GFGI video projector (bracket CFCI)

PC workstation at back of room for pc controlling video projector

GFGI TV/VCR on wall-mount CFCI bracket with CATV connection

Minimum Finishes:

Floor: carpet

Base: resilient base

Walls: painted gypsum wallboard or painted veneer plaster

Ceiling: suspended acoustical panel ceiling

Other requirements:

SIPRNET connections (2).

Unclassified but Sensitive Internet Protocol Router Network (NIPRNET) connections (15).

Emergency Power.

Partitions shall have minimum STC rating of 55.

Minimum ceiling height 2642 mm [8'-8"].

Conference Room Storage Room

Provide one; 9.5 m² [100 sf] Room shall be located to allow direct access from the conference room.

Function: Secure storage room for equipment and furniture.

Adjacency requirements: Adjacent to Conference Room.

Furnishings/Fixtures/Equipment:

Minimum Finishes:

Floor: carpet

Base: resilient base

Walls: painted gypsum wallboard or painted veneer plaster

Ceiling: suspended acoustical panel ceiling

Other requirements:

Lobby and Corridors

Provide as required to allow access to building spaces. Unless otherwise required, minimum width of lobby/main corridor shall not be less than 3000 mm [10'-0"]; minimum width of other major corridors shall not be less than 1800 mm [6'-0"]. Corridor width shall comply with applicable egress codes.

Function: Entry to the facility; egress and circulation through the building.

Adjacency requirements: Adjacent to main entrances. It is preferable to enter lobby/main corridor from two sides of the building.

Furnishings/Fixtures/Equipment:

Wall mounted electric water cooler.

GFGI Fire extinguishers in CFCI semi-recessed fire extinguisher cabinets to comply with applicable codes.

Recessed space for minimum one GFGI vending machine and waste/recycling receptacle.

Interior signage to identify major spaces.

Two built-in recessed trophy cases (minimum size: 2400 mm wide x 1500 high x 400 mm deep)

Recessed building directory near each main entrance.

One 1200 mm high x 1800 mm wide [4'-0" x 6'-0"] wall mounted bulletin board with lockable glass doors.

Minimum Finishes:

Floor: porcelain tile; pattern with minimum two tile colors.

Base: porcelain tile, stained wood base, or resilient cove base.

Walls: painted gypsum wallboard, or painted veneer plaster.

Ceiling: suspended acoustical panel ceiling

Other requirements:

Resilient corner guards

Finishes convey important first impression and shall provide an attractive, sophisticated business environment.

Entry Vestibules

Provide at each exterior entrance to lobby/main corridor area.

Function: Primary entry point into the facility; weather protection for interior spaces.

Adjacency requirements: Adjacent to lobby/main corridor.

Furnishings/Fixtures/Equipment:

Minimum Finishes:

Floor: Provide recessed entry mat full depth of vestibule x full width of doors; porcelain tile, or quarry tile in remainder of room.

Base: porcelain tile or quarry tile

Walls: Match exterior wall finish material, or painted gypsum wallboard, or painted veneer plaster

Ceiling: painted gypsum wallboard, painted veneer plaster, or painted Portland cement plaster.

Other requirements:

Men's Toilet Room

Provide one room sized to accommodate the number of plumbing fixtures required. Toilet room will be accessed from corridors. Arrange entrance to provide visual privacy.

Function: Restroom for male occupants.

Adjacency requirements: Adjacent to corridor.

Furnishings/Fixtures/Equipment:

2 lavatories, 3 floor mounted toilets, and 2 wall-hung urinals. Lavatories shall be countertop mounted.

Toilet partitions at each toilet, and urinal partitions between urinals.

Toilet accessories: one continuous mirror full width of countertop at countertop mounted lavatories; one paper towel dispenser/waste receptacle per toilet room; one soap dispenser per lavatory; one double-roll toilet tissue dispenser per toilet; one robe hook on each toilet partition door.

Minimum Finishes:

Floor: porcelain tile, or ceramic tile.

Base: porcelain tile, or ceramic tile.

Walls: ceramic tile, or 1800 mm high ceramic tile wainscot with painted water resistant gypsum wallboard or painted concrete masonry units above. Scrubbable semigloss paint.

Ceiling: painted Portland cement plaster, or painted gypsum wallboard or veneer plaster.

Countertops shall be plastic laminate or solid surfacing material.

Other requirements:

Partitions shall have minimum STC rating of 49.

Floor sloped to floor drain.

Women's Toilet Room

Provide one room sized to accommodate the number of plumbing fixtures required. Toilet room will be accessed from corridors. Arrange entrance to provide visual privacy.

Function: Restroom for female occupants.

Adjacency requirements: Adjacent to corridor.

Furnishings/Fixtures/Equipment:

3 lavatories and 3 floor mounted toilets. Lavatories shall be countertop mounted.

Toilet partitions at each toilet.

Toilet accessories: one continuous mirror full width of countertop; one paper towel dispenser/waste receptacle per toilet room; one soap dispenser per lavatory; one double-roll toilet tissue dispenser per toilet; one sanitary napkin disposal at each toilet; one robe hook on each toilet partition door.

Minimum Finishes:

Floor: porcelain tile, or ceramic tile.

Base: porcelain tile, or ceramic tile.

Walls: ceramic tile, or 1800 mm high ceramic tile wainscot with painted water resistant gypsum wallboard or painted concrete masonry units above. Scrubbable semigloss paint.

Ceiling: painted Portland cement plaster, or painted gypsum wallboard or veneer plaster.

Countertops shall be plastic laminate or solid surfacing material.

Other requirements:

Partitions shall have minimum STC rating of 49.

Floor sloped to floor drain.

Shower Room

Provide one. Minimum area 3.25 sm [35 sf]. Room shall be used by able-bodied military personnel only. Rooms shall be accessed from corridor. Showers shall not be combined with toilet rooms.

Function: Private shower and dressing room for use by brigade staff.

Adjacency requirements: Adjacent to corridor. Near toilets.

Furnishings/Fixtures/Equipment:

One ceramic tile shower with rod and shower curtain. Shower shall have ceramic soap holder and wall mounted grab bar.

Dressing area shall have bench, four towel/robe hooks, and wall mounted full-length mirror.

Floor drain at dressing area.

Minimum Finishes:

Floor: ceramic tile.

Base: ceramic tile.

Walls: ceramic tile

Ceiling: painted water-resistant gypsum wallboard; scrubbable semigloss epoxy.

Other requirements:

Janitor Closet

Provide one. Minimum area: 2.3 m² [25 sf]. Room shall be accessed from corridor.

Function: Sink and storage of cleaning supplies, soap, paper products.

Adjacency requirements: Near toilets and shower room.

Furnishings/Fixtures/Equipment: One floor mounted mop sink, mop rack for two mops, and minimum 1500 linear mm of wall mounted stainless steel shelving.

Minimum Finishes:

Floor: ceramic tile, or sealed concrete

Base: ceramic tile base

Walls: FRP wainscot minimum 48" high with painted water-resistant gypsum wallboard above; scrubbable semigloss paint. Ceiling: painted gypsum wallboard, painted veneer plaster, or painted Portland cement plaster

Other requirements:

Floor sloped to floor drain.

Storage

Provide minimum 2.9 m² [30sf] of general storage space. Storage room will be accessed from the corridor.

Function: Storage of supply items for the brigade.

Adjacency requirements: Adjacent to corridor/lobby

Furnishings/Fixtures/Equipment: TBD

Minimum Finishes:

Floor: sealed concrete

Base: resilient cove base

Walls: painted gypsum wallboard or painted veneer plaster, or painted concrete masonry units

Ceiling: suspended acoustical panel ceiling

Other requirements:

BRIGADE HQ SUPPORT AREAS

Provide the following areas in each battalion HQ building.

Mechanical Room

Provide dedicated areas for mechanical equipment. Mechanical rooms shall not be used for storage or other purposes. Access will be limited to authorized personnel. Design room to allow equipment removal and maintenance without requiring demolition.

Function: Spaces for HVAC, water heating, and other plumbing and mechanical equipment.

Adjacency requirements: Locate to allow efficient distribution. Mechanical rooms shall have doors opening to the exterior.

Furnishings/Fixtures/Equipment: As required by Statement of Work.

Minimum Finishes:

Floor: sealed concrete

Base: resilient cove base (none required if walls are concrete masonry units) Walls: painted gypsum wallboard or painted veneer plaster, or painted concrete masonry units

Ceiling: none required

Other requirements:

Floor sloped to floor drains.

Electrical Rooms

Provide dedicated areas for electrical equipment. Electrical rooms shall not be used for storage or other purposes. Access will be limited to authorized personnel.

Function: Spaces for electrical equipment.

Adjacency requirements: Locate to allow efficient distribution. Electrical rooms shall be accessed from the exterior or from corridors.

Furnishings/Fixtures/Equipment: As required by Statement of Work.

Minimum Finishes:

Floor: sealed concrete

Base: resilient cove base

Walls: painted gypsum wallboard or painted veneer plaster, or painted concrete masonry units

Ceiling: none required.

Other requirements: Electrical service to buildings shall be underground.

Communication Room

Provide dedicated room(s) for communication distribution equipment. Each room shall be dedicated to communications equipment, and shall not be combined with mechanical or electrical rooms. Provide one main communication room; minimum size 3000 mm [10'-0"] x 3300 mm [11'-0"] (this exception from IDG requirement on room size is allowed). Provide additional communication rooms as needed; all spaces having telephone or computer data outlets shall be located to allow a maximum cable length of 295 feet from outlet to termination by panel in communication room. Minimum dimensions of secondary communication rooms shall be 7'-0" by 10'-0". Rooms shall be accessed from corridors. Access will be limited to authorized personnel.

Function: Distribution areas for telephone, data network, and cable television.

Adjacency requirements: Adjacent to corridor. Locate to allow efficient distribution.

Furnishings/Fixtures/Equipment: As required by Statement of Work.

Minimum Finishes:

Floor: vinyl composition tile

Base: resilient cove base

Walls: painted gypsum wallboard or painted veneer plaster, or painted concrete masonry units

Ceiling: suspended acoustical panel ceiling

Other requirements:

APPENDIX F5

MP STATION FUNCTIONAL AND AREA REQUIREMENTS

NOTES:

Hours of operation for all occupied spaces are regular business day unless noted otherwise. Minimum ceiling height for all spaces is 8'-0" unless noted otherwise. All workstations to have one PC and phone unless noted otherwise. All personnel doors are minimum 3'-0" unless noted otherwise.

GENERAL. The MP Station building shall consist of a centralized facility for the administrative (public and police services), operational (law enforcement) and support activities of the Provost Marshall. Total gross building area shall not exceed 3248.9 square meters (m²) [34,972 square feet (sf)]. To the greatest extent possible, the building shall be arranged to allow future reconfiguration of administrative office spaces; partitions separating administrative spaces should not be bearing walls.

The functional layout provided for this facility in the RFP is **mandatory**. Changes are permitted only to accommodate the structural, mechanical and other utility support systems proposed and shall not adversely affect function, furniture or aesthetics of spaces. Exterior elevations provided for this facility in the RFP are **not** mandatory.

Military and non-military personnel will staff and visit the facility. The entire facility shall comply with handicapped accessibility requirements except where noted otherwise.

The facility will be two-story. Organizational elements shall be located on the floor indicated. Building spaces and areas shall be as follows:

1. FIRST FLOOR

*8

Lobby & Vestibule

Minimum Area: 44sm/470sf

Hours of Operation: Continuous 24/7

Function: Main public entrances to facility. Waiting area

Adjacency requirements: Directly adjacent to Front Desk and Police Services Reception. Convenient to elevators and public restrooms.

Furnishings/Fixtures/Equipment:

Building Directory

Bulletin board 3'h by 6'w with locking glass doors

Brochure racks

Waiting area seating and tables for minimum 4 people

CCTV - monitored in Radio Telephone Office

Minimum Finishes:

Floor: porcelain tile

Base: porcelain tile

Walls: USG Category 2 Moderate abuse-resistance; painted gypsum wallboard or painted veneer plaster

Ceiling: suspended acoustical panel ceiling

Other requirements:

~~Emergency Power~~

Resilient corner guards

Walk-off mat at both entrances - minimum 6 feet wide, minimum 7 feet long in travel direction.

One entrance will be used most during the day and locked at night. This entrance shall have airlock vestibule.

Entrance nearest Front Desk will be the 24-hour entrance. After duty hours this door will have access control with remote unlocking at Front Desk workstation.

Finishes convey an important first impression and shall provide an attractive, sophisticated business environment.

FRONT DESK/PROCESSING

This functional group handles dispatch, processing, control and records for detainees and crime reports as well as processing visitors. Detainees enter the building via a separate entrance (not the main entrance) and are kept separated from the general public areas. The Desk SGT oversees this group's operations. A suspect, when brought in, is processed in at the front desk and placed in the holding cell while the officer prepares the report in the MP report room. The RTO monitors holding cell activity. Breathalyzer test is administered as needed. After in-processing is complete a detainee will be relocated to the Detention area. All spaces in the Front Desk/Processing group shall be co-located with convenient access between them.

Front Desk

Minimum Area: 12.6 m² [135 sf].

Occupants: 1

Hours of Operation: Continuous 24/7

Function: Entry processing for reporting of crimes

Adjacency requirements: Adjacent to Desk Sgt, lobby and main entrance. Access from Lobby and Detainee entrance area. **Furnishings/Fixtures/Equipment:**

One workstation with built-in casework desk with raised transaction counter, work surface, locking drawers (box, file and pencil).

one task chair

Transaction window to Lobby at transaction counter. Window minimum 6' wide by 3' high with bulletproof glass, natural voice frame and one dip tray set in countertop.

Minimum Finishes:

Floor: carpet

Base: resilient base

Walls: painted gypsum wallboard or painted veneer plaster

Ceiling: suspended acoustical panel ceiling

Other requirements:

Emergency Power

Finish floor in work space (not including passage to secure corridor) raised 7" above lobby finish floor. Step up into this space is not required to be HC-accessible (staff is active duty military). Transaction areas at lobby are HC-accessible.

Exterior window with view of building entry.

Desk SGT

Minimum Area: 10 m² (108 sf).

Occupants: 1 and regular visitors

Hours of Operation: Continuous 24/7

Function: Private office

Adjacency Requirements: Adjacent to with convenient access to front desk.
Convenient to all other spaces in this group.

Furnishings/Fixtures/Equipment:

1ea workstation type TBD

2ea side chairs

GFGI Printer

Minimum Finishes:

Floor: carpet

Base: resilient

Walls: painted gypsum board

Ceiling: suspended acoustical panel ceiling

Other Requirements:

Emergency Power

One-way sliding glass vision lite to monitor Front Desk in shared wall. Size minimum 3' by 3'.

Sliding clear glass vision lite to RTO office minimum 3' by 3'.

Exterior window.

*8

Assistant Desk SGT

Minimum Area: 10 m² (108 sf).

Occupants: 1 and occasional visitors

Hours of Operation: Continuous 24/7

Function: Private office.

Adjacency Requirements: Convenient to all spaces in this group. Accessed from Detainee entry area.

Furnishings/Fixtures/Equipment:

GFGI Backup RTO radio recorder

1ea workstation type TBD

2ea side chairs

Minimum Finishes:

Floor: carpet

Base: resilient

Walls: painted gypsum board

Ceiling: suspended acoustical panel ceiling

Other Requirements:

~~Emergency Power~~

Exterior window preferred (not mandatory)

Radio Telephone Operator (RTO)

Minimum Area: 14.7 m² (158 sf).

Occupants: 2

Hours of Operation: Continuous 24/7

Function: Open office; patrol radio monitoring, receiving incoming telephone calls, dispatch, building/site CCTV, detention cell CCTV monitoring and holding cell visual monitoring, control of secure parking access.

Adjacency Requirements: Adjacent to with convenient access to Desk Sgt.

Furnishings/Fixtures/Equipment:

Shared workstation for two people with shared use of 2ea GFGI radio systems and 3ea GFGI PCs with separate software

Monitors for building/site CCTV system.

Control of remote unlocking of access gate to secure parking area.

GFGI Multiline telephone with automatic recording at each workstation. **Minimum**

Finishes:

Floor: carpet
Base: resilient
Walls: painted gypsum board
Ceiling: suspended acoustical panel ceiling

Other Requirements:

Emergency Power
Tackable wall surface at open wall area for Installation map size 8' by 8'.
Vision lite in door to allow visual monitoring of Holding Cell.
Exterior window that allows view of gate to secure parking area preferred, not required.

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Blotter Clerk

Minimum Area: 10.5 m² (113 sf).

Occupants: 1

Hours of Operation: Continuous 24/7

Function: Open office for preparation of official log/record of MP activities.

Adjacency Requirements: Convenient access to front desk.

Furnishings/Fixtures/Equipment:

lea workstation TBD
GFGI Copier, GFGI printer, GFGI shredder with supply storage and paper recycling/waste receptacle.

Minimum Finishes:

Floor: carpet
Base: resilient
Walls: painted gypsum board
Ceiling: suspended acoustical panel ceiling

Other Requirements:

~~Emergency Power~~

Exterior window preferred (not mandatory).

MP Report Writing

Minimum Area: 31.4 m² (335 sf).

Occupants: 6 and visitors

Hours of Operation: Continuous 24/7, sporadic

Function: Open office, workstations for patrol officers to prepare and review reports with complainants at PC workstations.

Adjacency Requirements: Convenient access to front desk.

Furnishings/Fixtures/Equipment:

6ea workstations

Minimum Finishes:

Floor: VCT
Base: resilient
Walls: painted gypsum board
Ceiling: suspended acoustical panel ceiling

Other Requirements:

Emergency Power
Workstations must provide visual privacy.

Breathalyzer

Minimum Area: 5 m² (54 sf).

Occupants: 3

Hours of Operation: Continuous 24/7, sporadic use

Function: Breathalyzer testing room. Equipment operator, person being tested

and a third person (witness) are in the space during testing.

Adjacency Requirements: Convenient access to front desk.

Furnishings/Fixtures/Equipment:

GFGI Breathalyzer equipment on table

2 chairs

Minimum Finishes:

Floor: VCT

Base: resilient

Walls: painted gypsum board. Painted concrete masonry units is an acceptable finish where this space adjoins holding cell.

Ceiling: suspended acoustical panel ceiling

Other Requirements:

Emergency Power

Holding Cell

Minimum Area: 7.3 m² (78 sf).

Occupants: Up to 6

Hours of Operation: Continuous 24/7

Function: Temporary detainment, typically 2 to 3 hours

Adjacency Requirements: Convenient access to front desk and Detainee entrance.

Furnishings/Fixtures/Equipment:

Fixed continuous detention-type bench seating

CCTV

Minimum Finishes:

Floor: sealed concrete

Base: none

Walls: painted concrete masonry units; scrubbable semigloss paint.

Ceiling: painted gyp board; scrubbable semigloss paint.

Other Requirements:

Emergency Power

One-way unbreakable vision lite minimum 6' wide by 3' high facing RTO office door to allow visual monitoring by RTO staff.

*8

Fingerprinting

Minimum Area: 5.1 m² (54 sf).

Function: Fingerprinting and ID photos for detainees and community service.

Adjacency Requirements: Convenient access to front desk and Detainee entrance.

Furnishings/Fixtures/Equipment:

1ea GFGI fingerprinting station

1ea ID photo station (GFGI camera, attendant, seat with backdrop)

Minimum Finishes:

Floor: VCT

Base: resilient

Walls: painted gypsum board

Ceiling: suspended acoustical panel ceiling

Other Requirements:

~~Emergency Power~~

OPERATIONS (OPS)

Operations fields questions and complaints from the public about MP operations. They have a great deal of public interaction as well as interaction with the Desk Sgt. Visitors to OPS are processed through the Front Desk. All spaces in the OPS Group shall be co-located with convenient access between them.

*8

OPS Secretary

Minimum Area: 15 m² (160 sf).

Occupants: 1 and regular visitors

Hours of Operation: Normal business day

Function: Secretary, reception and waiting area for OPS group.

Adjacency Requirements: Adjacent to OPS OIC and NCOIC. Convenient to Desk Sgt, Front Desk and Public entry.

Furnishings/Fixtures/Equipment:

1ea workstation TBD

3ea side chairs

Minimum Finishes:

Floor: carpet

Base: resilient

Walls: painted gypsum board

Ceiling: suspended acoustical panel ceiling

Other Requirements:

~~Emergency Power~~

OPS Officer In Charge (OIC)

Minimum Area: 22 m² (235 sf).

Occupants: 1 and regular visitors

Hours of Operation: Normal business day

Function: Private office.

*8

Adjacency Requirements: Adjacent to and accessed from OPS Secretary.

Furnishings/Fixtures/Equipment:

1ea workstation TBD

2ea visitor chairs

conference table and chairs for 6 people

Minimum Finishes:

Floor: carpet

Base: resilient

Walls: painted gypsum board

Ceiling: suspended acoustical panel ceiling

Other Requirements:

~~Emergency Power~~

Exterior window

*8

OPS NCOIC

Minimum Area: 9.4 m² (100 sf).

Occupants: 1 and regular visitors

Hours of Operation: Normal business day

Function: Private office.

Adjacency Requirements: Adjacent to and accessed from OPS Secretary.

Furnishings/Fixtures/Equipment:

1ea workstation TBD

2ea visitor chairs

Minimum Finishes:

Floor: carpet

Base: resilient

Walls: painted gypsum board

Ceiling: suspended acoustical panel ceiling

Other Requirements:

~~Emergency Power~~

*8

OPS SGT

Minimum Area: 9.1 m² (97 sf).

Occupants: 1 and regular visitors

Hours of Operation: Normal business day

Function: Private office.

Adjacency Requirements: Convenient to OPS Secretary.

Furnishings/Fixtures/Equipment:

1ea workstation TBD

2ea side chairs

Minimum Finishes:

Floor: carpet

Base: resilient

Walls: painted gypsum board

Ceiling: suspended acoustical panel ceiling

Other Requirements:

~~Emergency Power~~

Exterior windows for observation of both front entrance and detainee entrance.

Sheriff

Minimum Area: 14.0 m² (150 sf).

Occupants: 1

Hours of Operation: Normal business day

Function: Open office. Public access.

Adjacency Requirements: Near lobby

Furnishings/Fixtures/Equipment:

1ea workstation TBD

Minimum Finishes:

Floor: carpet

Base: resilient

Walls: painted gypsum board

Ceiling: suspended acoustical panel ceiling

Other Requirements:

Exterior window

DMV

Minimum Area: 13 m² (140 sf).

Occupants: 1

Hours of Operation: Normal business day

Function: Open office for processing DMV actions. Public access.

Adjacency Requirements: Adjacent to lobby. Convenient access to main entrance.

Furnishings/Fixtures/Equipment:

Minimum Finishes:

Floor: carpet

Base: resilient
Walls: painted gypsum board
Ceiling: suspended acoustical panel ceiling
Other Requirements:
Exterior window
Computer link for DCI

DARE/Crime Prevention Office

Minimum Area: 23.2 m² (250 sf).
Occupants: 3 and regular visitors
Hours of Operation:
Function: Open office.
Adjacency Requirements: Adjacent to with convenient access to front desk.
Furnishings/Fixtures/Equipment:
3ea workstation TBD
3ea visitor chairs
Minimum Finishes:
Floor: carpet
Base: resilient
Walls: painted gypsum board
Ceiling: suspended acoustical panel ceiling
Other Requirements:
Display case
Brochure rack

GUARDMOUNT

Guardmount area is where patrol officers report before and after their patrol duty. This area needs a separate building entrance directly from the MP vehicle area. Because the Desk SGT provides daily briefings it needs to be close to/convenient to the Desk Sgt. Access to this area shall be separated from suspect processing areas.

*8

Briefing Room

Minimum Area: 65 m² [700sf]
Occupants: 25
Hours of Operation: Sporadic use
Function: Gathering for daily activity briefings/assignments by Desk Sgt for each of three daily shifts. Training. Briefings and training are conducted in a classroom-style arrangement.
Adjacency requirements: Adjacent to MP vehicle yard with direct exterior door access. Away from public entrance. Adjacent to Guardmount SGT and Guardmount Storage with access to these spaces directly from Briefing room. Close to Desk Sgt office.
Furnishings/Fixtures/Equipment:
24ea tablet arm chairs, stackable
Podium
One marker board (minimum 2400 mm wide x 1200 mm high [8'-0" x 4'-0"]).
one 2400 mm wide [8'-0"] wall mounted pull-down projection screen.
GFGI TV/VCR on CFCI wall-mount bracket with CATV connection.
Open wall area with tackable surface for installation map 8" by 8'.
Bulletin boards 2ea minimum 3' by 6' with locking glass doors.
Ceiling-mounted GFGI video projector (CFCI bracket) and workstation for PC that operates projector.

Minimum Finishes:

Floor: VCT - color and pattern must obscure black scuffmarks from boots
Base: resilient cove base
Walls: painted gypsum wallboard or painted veneer plaster, or painted concrete masonry units
Ceiling: suspended acoustical panel ceiling

Other requirements:

~~Emergency Power~~

Minimum ceiling height 9'-0"

*8

Guardmount Storage/Equipment Issue/Recharging

Minimum Area: 20.2 m² [215 sf]

Occupants: 1 - sporadic

Hours of Operation: Sporadic use

Function: Storage and issue for patrol officer equipment including radios, which are checked out and in by each shift. Recharging for 100 police radios.

Adjacency requirements: Adjacent to and accessed from Briefing Room.

Furnishings/Fixtures/Equipment:

TBD

100 GFGI police radios with battery chargers (assume all chargers working simultaneously).

Minimum Finishes:

Floor: VCT

Base: resilient cove base

Walls: painted gypsum wallboard or painted veneer plaster. Painted concrete or concrete masonry units are acceptable interior finish where this space adjoins arms vault.

Ceiling: suspended acoustical panel ceiling

Other requirements:

~~Emergency Power~~

Dutch door with shelf.

Provide readily accessible shelving for radios with chargers.

*8

SGT Office

Minimum Area: 8.9 m² [95 sf].

Occupants: 1, and occasional visitors.

Hours of Operation: Normal business day

Function: Private office

Adjacency requirements: Adjacent to and accessed from Briefing Room.

Furnishings/Fixtures/Equipment:

lea workstation TBD

Visitor chair

Minimum Finishes:

Floor: VCT

Base: resilient base

Walls: painted gypsum wallboard or painted veneer plaster

Ceiling: suspended acoustical panel ceiling

Other requirements:

~~Emergency Power~~

Exterior window preferred

*8

Break Room

Minimum Area: 7.2 m² [75 sf]. Area shall have countertop with kitchen sink
Hours of Operation: Continuous

Function: Space for lunch and breaks; for use by staff.

Adjacency requirements: Adjacent to nonpublic corridor.

Furnishings/Fixtures/Equipment:

600 mm deep [2'-0"] plastic laminate countertop with side and backsplashes at walls.

Stainless steel kitchen sink.

Wall cabinets; mounted to provide 600 mm clearance above countertop.

Base cabinets with utensil drawers.

Counter space, 30" clearance above countertop and dedicated electrical receptacle for GFGI large urn-type coffee maker. Counter space and dedicated electrical receptacle for GFGI microwave oven. GFGI refrigerator

Waste/recycling receptacles

Minimum Finishes:

Floor: vinyl composition tile, porcelain tile, or ceramic tile.

Base: resilient base, porcelain tile, or ceramic tile.

Walls: painted gypsum wallboard or painted veneer plaster; scrubbable semigloss paint.

Ceiling: suspended acoustical panel ceiling.

Other requirements: ~~Emergency Power~~

*8

Copier Room

Minimum Area: 5.7 m² [60 sf].

Function: Space for shared use photocopier.

Adjacency requirements: In nonpublic corridor.

Furnishings/Fixtures/Equipment:

GFGI Copier, GFGI Fax, GFGI Shredder

Copier supplies storage

Waste/recycling receptacles

Table for document assembly

Minimum Finishes:

Floor: vinyl composition tile or carpet.

Base: resilient base

Walls: painted gypsum wallboard or painted veneer plaster.

Ceiling: suspended acoustical panel ceiling.

Other requirements: ~~Emergency Power~~

EVIDENCE Evidence provides secure handling and storage of evidence and confiscated (non-evidence) items. Access to this space is controlled. Evidence is checked in and out at Dutch door during normal business hours. After hours evidence is temporarily stored at through-wall evidence lockers built into wall at evidence office and nonpublic corridor. This area is accessed through non-public travel routes by MPs and investigators. All spaces in Evidence Work Area shall comply with AR 195-5 "Evidence Procedures". Evidence Work Area shall have no exterior windows.

Evidence Office

Minimum Area: 17.7 m² [190 sf].

Occupants: 1

Hours of Operation: Business day

Function: Private office with work area for receipt, processing and distribution of evidence and confiscated items and for preparing packages for mailing. **Adjacency requirements:** Adjacent to nonpublic corridor and Evidence

Room. Evidence room is accessed only from evidence office.

Furnishings/Fixtures/Equipment:

*6

lea workstation TBD

Worktable for packaging mail

Temporary storage area for items being processed

3016lea through-wall pass-through evidence lockers located at shared wall with non-public corridor. Keyless system - each locker has nonremovable hinges, a spring-loaded barrel lock that secures upon closure and a nonremovable flat metal plate at corridor side to prevent tampering with the lock. Depositor side has unused compartment indicator. Evidence office side has locked main door. Depositor side is unlocked from evidence office side after compartment is emptied. Sizes as follows:

24ea lockers approximately 12"wide by 18"deep by 12"high

2ea lockers approximately 12"wide by 18"deep by 24"high

2ea lockers approximately 12"wide by 18"deep by 36"high

1ea locker approximately 24"wide by 18"deep by 36"high

1ea locker approximately 12"wide by 18"deep by 70"high.

Minimum Finishes:

Floor: VCT

Base: resilient base

Walls: painted gypsum wallboard or painted veneer plaster

Ceiling: suspended acoustical panel ceiling

Other requirements:

Emergency Power

Secure construction per AR 195-5

Day gate at door to evidence room

Evidence Room

Minimum Area: 60.0 m² [645 sf].

Hours of Operation: Normal business day

Function: Collection, distribution and storage of evidence

Adjacency requirements: Adjacent to and accessed from evidence office. Convenient to Front Desk and Investigations areas. Adjacent to Non-evidence and Arms Vault, which are accessed from this space.

*6

Furnishings/Fixtures/Equipment:

Wall storage racks for 40 bicycles

High-density storage unit (Spacesaver-type). ~~8' tall, 24" deep adjustable shelves with adjustable vertical dividers, minimum 8 shelves per unit, length/quantity as shown on plan.~~ 30 sections each 8' tall, 4' wide with 8 each adjustable heavy-duty (18 ga.) shelves per section. Closed panel uprights between sections, back panel between back-to-back sections. Minimum 2 each adjustable vertical dividers per shelf. 12 sections 24" deep. 18 sections 12" deep. At two of the 12" deep sections delete shelving and provide pegboard panels. Unit operation mechanical assist hand crank.

Recessed floor slab with tracks flush with adjacent finish floor (no ramp).

4 ea GFGI safes.

Minimum Finishes:

Floor: sealed concrete

Base: resilient base

Walls: painted gypsum wallboard or painted veneer plaster. Painted concrete or concrete masonry units are an acceptable interior finish where this space adjoins stair and arms vault.

Ceiling: painted exposed structure

Other requirements:

Emergency Power
Secure construction per AR 195-5
Intrusion detection system
Safe anchors for safes
Access control
Minimum 10'-0" ceiling height.

Arms Vault

Minimum Area: 5.4 m² [58 sf].

Hours of Operation: Business day

Function: Weapons storage room

Adjacency requirements: Adjacent to and accessed from Evidence room

Furnishings/Fixtures/Equipment:

TBD

Minimum Finishes:

Floor: sealed concrete
Base: none
Walls: painted concrete or painted concrete masonry units
Ceiling: painted concrete

Other requirements:

Emergency Power
Arms vault to comply with AR 190-11 for Category 4 weapons
Class V vault door with daygate
Wall mounted safe anchors (see Section 01010 para 5)

*8

Non-Evidence Storage

Minimum Area: 5.8 m² [60 sf].

Function: Separate storage for confiscated items that are not official evidence.

Adjacency requirements: Adjacent to and accessed from Evidence Room.

Furnishings/Fixtures/Equipment:

TBD

Minimum Finishes:

Floor: sealed concrete
Base: resilient base
Walls: painted gypsum wallboard or painted veneer plaster. Painted concrete or painted concrete masonry units are acceptable interior finish where this space adjoins arms vault. Ceiling: painted gypsum wallboard

Other requirements:

~~Emergency Power~~

Access control
Intrusion detection system
Safe anchors for 3 safes

DETENTION

The detention area provides holding of detainees for periods up to 72 hours, including administration and support spaces. This area is self-contained and accessed through non-public circulation. Detainees are brought here after processing at the Front Desk. Within this area, the detention cells (D-cells) shall be visually isolated from the office and briefing rooms. The Detention

Area shall have no exterior windows.

NCOIC

Minimum Area: 9.7 m² [104 sf].

Occupants: 1, and occasional visitors.

Hours of Operation: Normal business day

Function: Private office

Adjacency requirements: Adjacent to JNCOIC, close to Records and Property Rooms.

Furnishings/Fixtures/Equipment:

Remote unlocking of rear building entrance to admit contract laundry service personnel and cctv monitor of same building entrance

Minimum Finishes:

Floor: carpet

Base: resilient base

Walls: painted gypsum wallboard or painted veneer plaster

Ceiling: suspended acoustical panel ceiling

Other requirements: Emergency Power

Junior Non-commissioned Officer in Charge (JNCOIC)

Minimum Area: 9.7 m² [104 sf].

Occupants: 1, and occasional visitors.

Hours of Operation: Continuous 24/7

Function: Private office

Adjacency requirements: Adjacent to NCOIC, close to Records and Property Rooms.

Furnishings/Fixtures/Equipment:

Remote unlocking of rear building entrance to admit contract laundry service personnel and CCTV monitor of same building entrance

lea workstation TBD

Minimum Finishes:

Floor: carpet

Base: resilient base

Walls: painted gypsum wallboard or painted veneer plaster

Ceiling: suspended acoustical panel ceiling

Other requirements: Emergency Power

Briefing Room

Minimum Area: 13.8 sm (145 sf).

Occupants: 4, sporadic use

Hours of Operation: Continuous 24/7

Function: Secure briefing room for detainee visiting.

Adjacency Requirements: Adjacent to with convenient access to Detention area entrance.

Furnishings/Fixtures/Equipment:

Small conference table with 4 chairs

Minimum Finishes:

Floor: carpet

Base: resilient

Walls: painted gypsum board

Ceiling: suspended acoustical panel ceiling

Other Requirements:

Emergency Power

Sound control STC 49

Vision lite in door.

4ea key-lock parcel lockers for visitor personal item storage - locate in detention area corridor near room.

Records

Minimum Area: 8.7 sm (94 sf).

Function: Secure storage of detention records

Adjacency Requirements: Convenient access from NCOIC and JNCOIC offices.

Furnishings/Fixtures/Equipment:

TBD

Minimum Finishes:

Floor: sealed concrete

Base: resilient

Walls: painted gypsum board

Ceiling: suspended acoustical panel ceiling

Other Requirements: Emergency Power

Detention Cells (5ea)

Minimum Area: 5ea; minimum clear room dimensions 6'-0" by 8'-0" each.

Hours of Operation: Continuous 24/7

Occupants: 1 per cell

Function: Secure confinement of detainees for periods of up to 72 hours

Adjacency Requirements: Convenient access to Detention area showers. Visual privacy - separation from other cells and from detention administration spaces.

Furnishings/Fixtures/Equipment:

Detention single bunk

Detention toilet/lavatory/drinking fountain combination unit

CCTV surveillance - monitored in RTO

Intercom

Minimum Finishes:

Floor: sealed concrete

Base: none

Walls: painted concrete masonry units. Scrubbable semigloss paint.

Ceiling: painted gypsum board, Scrubbable semigloss paint.

Other Requirements:

Emergency Power

Must comply with AR 190-47.

Minimum 2400mm/8'-0" ceiling height.

Floor pitched for drainage and raised above floor level outside cell. Floor drain located outside cell.

Windows not required.

Sliding door of steel grill with snap lock as well as key lock.

Fire extinguisher in semi-recessed fire extinguisher cabinet outside of but in close proximity to cell area.

Guard workstation in close proximity to detention cells but maintaining detainee visual privacy.

Guard

Minimum Area: 3.5 m² [37 sf].

Function: Guard detention cells.

Adjacency requirements: Adjacent to detention cells but not in direct line of sight to inside of cells.

Furnishings/Fixtures/Equipment:

One workstation type TBD

Minimum Finishes:

Floor: sealed concrete

Base: resilient base

Walls: painted gypsum wallboard or painted veneer plaster

Ceiling: suspended acoustical panel ceiling

Other requirements:

Emergency Power

GFGI TV with CATV connection

Personal Property

Minimum Area: 9 m² [97 sf].

Function: storage of detainees' personal property

Adjacency requirements:

Furnishings/Fixtures/Equipment:

6ea metal clothing lockers min 16"w by 24"d by 36"h with padlock hasps
TBD

Minimum Finishes:

Floor: sealed concrete

Base: resilient base

Walls: painted gypsum wallboard or painted veneer plaster

Ceiling: suspended acoustical panel ceiling

Other requirements: Emergency Power

*8

Supplies

Minimum Area: 8.4 m² [90 sf]

Function: storage of toiletry kits, restraint devices, other supplies

Adjacency requirements:

Furnishings/Fixtures/Equipment:

TBD

Minimum Finishes:

Floor: sealed concrete

Base: resilient cove base

Walls: painted gypsum wallboard or painted veneer plaster

Ceiling: suspended acoustical panel ceiling

Other requirements: ~~Emergency Power~~

Toilet

Hours of Operation: continuous 24/7

Function: Unisex toilet for staff, visitors

Adjacency requirements:

Furnishings/Fixtures/Equipment:

1ea floor mounted toilet

1ea lavatory (wall-hung or vanity)

one mirror with shelf above lavatory

one paper towel dispenser/waste receptacle

one soap dispenser

one toilet tissue dispenser

Minimum Finishes:

Floor: porcelain tile or ceramic tile.

Base: porcelain tile or ceramic tile.

Walls: ceramic tile, or 1800 mm high ceramic tile wainscot with painted gypsum wallboard above; scrubbable semigloss paint.

Ceiling: painted gypsum wallboard; scrubbable semigloss paint.

Other requirements: Emergency Power

Detainee Shower (2ea)

Hours of Operation: continuous 24/7

Function: Secure private single stall shower/changing area for detainees.

Detainees are normally locked in and allowed to shower privately. Room must also be large enough to accommodate rare occasions when a guard must be in the room if necessary.

Adjacency requirements:

Furnishings/Fixtures/Equipment:

1ea shower stall with changing area

one soap holder

one shower curtain and rod

two double pin robe hooks

bench at drying area

Minimum Finishes:

Floor: porcelain tile or ceramic tile.

Base: porcelain tile or ceramic tile.

Walls: ceramic tile

Ceiling: painted water-resistant gypsum wallboard; scrubbable semigloss epoxy paint. Shower Stall: Precast terrazzo base, ceramic tile or solid surfacing material walls.

Other requirements:

Emergency Power

Floor sloped to floor drain at dressing area.

*8

Clean Laundry

Minimum Area: 4.7 m² [50 sf]

Function: Clean laundry storage. Clean laundry is delivered by contract laundry service.

Adjacency requirements: Convenient to cells and Detention area entrance.

Furnishings/Fixtures/Equipment:

TBD

Minimum Finishes:

Floor: VCT

Base: resilient cove base

Walls: painted gypsum wallboard or painted veneer plaster

Ceiling: suspended acoustical panel ceiling

Other requirements: ~~Emergency Power~~

*8

Soiled Laundry

Minimum Area: 4.7 m² [50 sf]

Function: Soiled laundry storage. Laundry is bagged and stored for pick-up by contract laundry service.

Adjacency requirements: Adjacent to clean laundry room.

Furnishings/Fixtures/Equipment:

TBD

Minimum Finishes:

Floor: VCT

Base: resilient cove base

Walls: painted gypsum wallboard or painted veneer plaster
Ceiling: suspended acoustical panel ceiling
Other requirements: ~~Emergency Power~~

PROVOST MARSHALL/INVESTIGATIONS

Provide one group of offices, with accompanying secretary/waiting area and conference room. Secretary/waiting area shall have direct access to corridor.

PROVOST MARSHALL

The Provost Marshall is the executive head of the MP Station. This group receives VIP and public visitors. It needs to be convenient to the public entry and conveys an important first impression of the organization. Interior design of this area should reflect this office's prestige. All spaces in the Provost Marshall Group shall be co-located with convenient access between them.

*8

PM Secretary/ Waiting

Minimum Area: 25.9 m² [275 sf]

Occupants: 1, and space for eight visitors.

Hours of Operation: Normal business day

Function: Secretary/receptionist workstation and waiting area for visitors to Provost Marshall Group. This secretary and waiting area also serves the Investigations Group.

Adjacency requirements: Adjacent or convenient to lobby.

Furnishings/Fixtures/Equipment:

1ea Workstation TBD

Separate Lounge seating minimum eight lounge chairs, rectangular magazine table and lamp.

Minimum Finishes:

Floor: carpet

Base: resilient base

Walls: painted gypsum wallboard or painted veneer plaster

Ceiling: suspended acoustical panel ceiling

Other requirements: ~~Emergency Power.~~

Provost Marshall

Minimum Area: 13.4 m² [144 sf].

Occupants: 1, and occasional visitors.

Hours of Operation: Normal business day

Function: Private office for Provost Marshall.

Adjacency requirements: Adjacent to PM Secretary.

Furnishings/Fixtures/Equipment:

1ea Workstation TBD

2 side chairs

Separate Lounge seating minimum two lounge chairs, corner table and lamp.

GFGI TV with CATV connection

Secret Internet Protocol Router Network (SIPRNET) connection

Minimum Finishes:

Floor: carpet

Base: resilient base

Walls: painted gypsum wallboard or painted veneer plaster

Ceiling: suspended acoustical panel ceiling

Other requirements:

Emergency Power
Partitions shall have minimum STC rating of 49.

Deputy Provost Marshall

Minimum Area: 12.9 m² [135 sf].
Occupants: 1, and occasional visitors.
Hours of Operation: Normal business day
Function: Private office
Adjacency requirements: Adjacent to PM Secretary
Furnishings/Fixtures/Equipment:

1ea Workstation *TBD*
GFGI TV with CATV connection

Minimum Finishes:

Floor: carpet
Base: resilient base
Walls: painted gypsum wallboard or painted veneer plaster
Ceiling: suspended acoustical panel ceiling

Other requirements:

Emergency Power
Partitions shall have minimum STC rating of 49.

*8

PM Sergeant Major

Minimum Area: 9.3 m² [100 sf].
Occupants: 1, and occasional visitors.
Hours of Operation: Normal business day
Function: Private office
Adjacency requirements:

Furnishings/Fixtures/Equipment:
1ea Workstation *TBD*
2ea side chairs
GFGI TV with CATV connection

Minimum Finishes:

Floor: carpet
Base: resilient base
Walls: painted gypsum wallboard or painted veneer plaster
Ceiling: suspended acoustical panel ceiling

Other requirements: ~~Emergency Power~~

*8

Conference Room

Minimum Area: 22 m² [237 sf]
Occupants: up to 12 persons.
Hours of Operation: Normal business day, sporadic use
Function: Conference room for staff and visitors.
Adjacency requirements:

Furnishings/Fixtures/Equipment:

Conference table and chairs
One marker board (minimum 2400 mm wide x 1200 mm high [8'-0" x 4'-0"])
One 2400 mm wide [8'-0"] wall mounted pull-down projection screen.
GFGI TV and VCR on CFCI bracket with CATV connection
Ceiling-mounted GFGI video projector (Bracket CFCI) and desk for PC operating projector
Tackable wall surface at open wall area for Installation map size 8'by 8'

Minimum Finishes:

Floor: carpet

Base: resilient base

Walls: painted gypsum wallboard or painted veneer plaster

Ceiling: suspended acoustical panel ceiling

Other requirements:

~~Emergency Power~~

Partitions shall have minimum STC rating of 49.

Minimum ceiling height 2642 mm [8'-8"]

INVESTIGATIONS

Investigations conducts police investigations. They require controlled public access, shared and private offices. They share the Secretary/waiting area and conference room assigned to the PM Work Group, but operate independently and routine staff travel shall not traverse the Provost Marshall area. All spaces in the group shall be co-located and convenient to each other.

Hours of Operation: The office is fully staffed during normal business hours and has continuous 24/7 staffing of one or two during non-business hours.

*8

Investigations NCOIC

Minimum Area: 9.3 m² [100 sf].

Occupants: 1, and occasional visitors.

Function: Private office

Adjacency requirements: Adjacent to PM Secretary area.

Furnishings/Fixtures/Equipment:

lea Workstation TBD

Small GFGI safe with safe anchor embedded in floor slab - locate per furniture design.

Minimum Finishes:

Floor: carpet

Base: resilient base

Walls: painted gypsum wallboard or painted veneer plaster

Ceiling: suspended acoustical panel ceiling

Other requirements: ~~Emergency Power~~

*8

4PN Office (4ea)

Minimum Area: Provide four offices 12.9 m² [138 sf] each.

Occupants: 4 in each office.

Function: Shared office

Adjacency requirements:

Furnishings/Fixtures/Equipment:

4ea workstations TBD

Minimum Finishes:

Floor: carpet

Base: resilient base

Walls: painted gypsum wallboard or painted veneer plaster

Ceiling: suspended acoustical panel ceiling

Other requirements: ~~Emergency Power~~

*8

5PN Office (2ea)

Minimum Area: Provide two offices 17.2 m² [185 sf] each.

Occupants: 5 in each office.

Hours of Operation: Normal business day

Function: Shared office

Adjacency requirements:

Furnishings/Fixtures/Equipment:

5ea workstations TBD

Minimum Finishes:

Floor: carpet

Base: resilient base

Walls: painted gypsum wallboard or painted veneer plaster

Ceiling: suspended acoustical panel ceiling

Other requirements: ~~Emergency Power~~

*8

Interview Room (3ea)

Minimum Area: Provide three rooms 6.7 m² [72 sf] each.

Occupants: 3 in each room.

Hours of Operation: Normal business day, sporadic.

Function: Room for interviewing witnesses/suspects.

Adjacency requirements: Adjacent to Listening Room with shared wall. Access to Interview room shall be by internal corridor. Secure/nonpublic path to/from Detention.

Furnishings/Fixtures/Equipment:

3ea workstations TBD

GFGI Microphone for remote tape recorder in Listening room.

Flush-mounted wall-mount handgun lockers for temporary secure storage of officer's weapons during interviews located in corridor outside Interview rooms. Lockers shall have keys removable in locked position only. Minimum size 5"h by 10"w by 5"d. 2ea lockers per interview room. Can be co-located.

Minimum Finishes:

Floor: carpet

Base: resilient base

Walls: painted gypsum wallboard or painted veneer plaster

Ceiling: suspended acoustical panel ceiling

Other requirements:

~~Emergency Power~~

Partitions shall have minimum STC rating of 55.

One-way glass observation window from Listening Room minimum 3'h by 5'w.

*8

Listening Room

Minimum Area: 8.8 m² [94 sf]. Minimum room width 6'-0".

Occupants: 3

Hours of Operation: Normal business day, sporadic.

Function: Room for observing and recording interviews in adjacent Interview rooms.

Adjacency requirements: Adjacent to Interview Rooms with shared wall.

Furnishings/Fixtures/Equipment:

TBD

GFGI Tape recorder for recording sounds in Interview rooms.

GFGI Video camera for video recording of interviews through one-way glass.

Minimum Finishes:

Floor: carpet

Base: resilient base

Walls: painted gypsum wallboard or painted veneer plaster

Ceiling: suspended acoustical panel ceiling

Other requirements:

~~Emergency Power~~

Partitions shall have minimum STC rating of 55.
One-way glass observation window to each Interview Room.
Room finishes and lighting shall enhance effect of one-way glass.
Operable signage on corridor side of door that indicates in use/not in use
Door must be lockable from inside to preclude interruption while in use.

*8

Storage/Recharging

Minimum Area: 4.5 m² [48sf]

Function: Equipment storage, recharging station for equipment used by
Investigations staff

Adjacency requirements: Adjacent to corridor.

Furnishings/Fixtures/Equipment:

Battery chargers for cameras (4ea), radios (10ea) and flashlights (10ea)

Minimum Finishes:

Floor: VCT

Base: resilient cove base

Walls: painted gypsum wallboard or painted veneer plaster, or painted concrete
masonry units

Ceiling: suspended acoustical panel ceiling

Other requirements:

Provide readily accessible shelves for equipment and chargers. Assume all are
being charged simultaneously when providing power.

Storage

Minimum Area: 2.4 m² [25sf]

Function: Storage of office supplies, film, blank tapes

Adjacency requirements:

Furnishings/Fixtures/Equipment:

Minimum Finishes:

Floor: VCT

Base: resilient cove base

Walls: painted gypsum wallboard or painted veneer plaster. Painted concrete
masonry units is an acceptable finish where this space adjoins mechanical and
electrical rooms.

Ceiling: suspended acoustical panel ceiling

Other requirements: ~~Emergency Power~~

POLICE SERVICES

Police Services provides internal administrative records and forms handling.

Police Services NCO

Minimum Area: 12.3 m² [130 sf].

Occupants: 1, and occasional visitors.

Hours of Operation: Normal business day

Function: Private office

Adjacency requirements: Adjacent to and accessed from Reception.

Furnishings/Fixtures/Equipment:

1ea workstation TBD

Minimum Finishes:

Floor: carpet

Base: resilient base

Walls: painted gypsum wallboard or painted veneer plaster

Ceiling: suspended acoustical panel ceiling

Other requirements:

Police Services Office

Minimum Area: 34 m² [366 sf].

Occupants: 6

Hours of Operation: Normal business day

Function: Open office

Adjacency requirements: Adjacent to Reception Area with direct access.
Adjacent to Files Room with direct access.

Furnishings/Fixtures/Equipment:

6ea workstations TBD

Minimum Finishes:

Floor: carpet

Base: resilient base

Walls: painted gypsum wallboard or painted veneer plaster

Ceiling: suspended acoustical panel ceiling

Other requirements:

Reception

Minimum Area: 12.3 m² [130 sf].

Occupants: 1

Hours of Operation: Normal business day

Function: Building reception and customer assistance

Adjacency requirements: Adjacent to lobby, Police Services NCO and Police Services Office. Access from lobby and Police Services Office.

Furnishings/Fixtures/Equipment:

Service window with coiling counter shutter minimum 4' wide.

1ea built-in transaction workstation at service window

GFGI Photocopier

Minimum Finishes:

Floor: carpet

Base: resilient base

Walls: painted gypsum wallboard or painted veneer plaster

Ceiling: suspended acoustical panel ceiling

Other requirements:

Files Room

Minimum Area: 28.4 m² [305 sf].

Hours of Operation: Normal business day

Function: Files storage

Adjacency requirements: Adjacent to and accessed from Police Services Open Office.

Furnishings/Fixtures/Equipment:

TBD

Minimum Finishes:

Floor: carpet

Base: resilient base

Walls: painted gypsum wallboard or painted veneer plaster

Ceiling: suspended acoustical panel ceiling

Other requirements:

TRAFFIC ACCIDENT INVESTIGATIONS (TAI)

OIC

Minimum Area: 11.7 m² [125 sf].

Occupants: 1, and occasional visitors.

Hours of Operation: Normal business day

Function: Private office.

Adjacency requirements: Adjacent to and accessed from TAI Open Office. Locate near reception/waiting area. Convenient to lobby.

Furnishings/Fixtures/Equipment:

lea workstation TBD

Minimum Finishes:

Floor: carpet

Base: resilient base

Walls: painted gypsum wallboard or painted veneer plaster

Ceiling: suspended acoustical panel ceiling

Other requirements:

Exterior window

NCOIC

Minimum Area: 8.8 m² [95 sf].

Occupants: 1, and occasional visitors.

Hours of Operation: Normal business day

Function: Private office.

Adjacency requirements: Adjacent to and accessed from TAI Open Office.

Adjacent to OIC.

Furnishings/Fixtures/Equipment:

lea workstation TBD

Minimum Finishes:

Floor: carpet

Base: resilient base

Walls: painted gypsum wallboard or painted veneer plaster

Ceiling: suspended acoustical panel ceiling

Other requirements:

Exterior window

Asst. NCOIC

Minimum Area: 8.8 m² [95 sf].

Occupants: 1, and occasional visitors.

Hours of Operation: Normal business day

Function: Private office

Adjacency requirements: Adjacent to and accessed from TAI Open Office.

Furnishings/Fixtures/Equipment:

lea workstation TBD

Minimum Finishes:

Floor: carpet

Base: resilient base

Walls: painted gypsum wallboard or painted veneer plaster

Ceiling: suspended acoustical panel ceiling

Other requirements:

Exterior window preferred (not mandatory)

Impound Office

Minimum Area: 11.7 m² [125 sf].

Occupants: 1, and occasional visitors.
Hours of Operation: Normal business day
Function: Private office
Adjacency requirements: Adjacent to and accessed from TAI Open Office.
Furnishings/Fixtures/Equipment:
1ea workstation TBD
Minimum Finishes:
Floor: carpet
Base: resilient base
Walls: painted gypsum wallboard or painted veneer plaster
Ceiling: suspended acoustical panel ceiling
Other requirements:
Exterior window preferred (not mandatory)

TAI Open Office

Minimum Area: 86.3 m² [925 sf].
Occupants: 9
Hours of Operation: Normal business day except one person continuous 24/7
Function: Open office with reception/waiting area
Adjacency requirements: Close to Lobby
Furnishings/Fixtures/Equipment:
9ea workstations TBD
Tackable open wall area for Installation map 8' by 8'
Bulletin board 3' by 6' with locking glass doors.
Minimum Finishes:
Floor: carpet
Base: resilient base
Walls: painted gypsum wallboard or painted veneer plaster
Ceiling: suspended acoustical panel ceiling
Other requirements:
Exterior window
Minimum ceiling height 9'-0"

PLANS

Plans provides events planning.

Major

Minimum Area: 12.4 m² [132 sf].
Occupants: 1, and occasional visitors.
Hours of Operation: Normal business day
Function: Private office
Adjacency requirements: Adjacent to and accessed from Plans Open Office.
Furnishings/Fixtures/Equipment:
1ea workstation TBD
Minimum Finishes:
Floor: carpet
Base: resilient base
Walls: painted gypsum wallboard or painted veneer plaster
Ceiling: suspended acoustical panel ceiling
Other requirements:
Exterior window

Staff Sergeant

Minimum Area: 10.4 m² [112 sf].

Occupants: 1, and occasional visitors.
Hours of Operation: Normal business day
Function: Private office
Adjacency requirements: Adjacent to and accessed from Plans Open Office.
Furnishings/Fixtures/Equipment:
lea workstation TBD
Minimum Finishes:
Floor: carpet
Base: resilient base
Walls: painted gypsum wallboard or painted veneer plaster
Ceiling: suspended acoustical panel ceiling
Other requirements:
Exterior window preferred (not mandatory)

SGT 1st Class

Minimum Area: 11 m² [118 sf].
Occupants: 1, and occasional visitors.
Hours of Operation: Normal business day
Function: Private office
Adjacency requirements: Adjacent to and accessed from Plans Open Office.
Furnishings/Fixtures/Equipment:
lea workstation TBD
Minimum Finishes:
Floor: carpet
Base: resilient base
Walls: painted gypsum wallboard or painted veneer plaster
Ceiling: suspended acoustical panel ceiling
Other requirements:

Plans Open Office

Minimum Area: 20 m² [215 sf].
Occupants: 1 regular, 6 sporadic during business day
Hours of Operation: Normal business day
Function: Open office with one workstation and a conference area for 6 people.
Adjacency requirements:
Furnishings/Fixtures/Equipment:
lea workstation TBD
Tackable wall surface at open wall area for Installation map size 8' by 8'
Minimum Finishes:
Floor: carpet
Base: resilient base
Walls: painted gypsum wallboard or painted veneer plaster
Ceiling: suspended acoustical panel ceiling
Other requirements:

FITNESS CENTER

The Fitness Center provides fitness facilities for military and civilian staff of this facility as well as the Fire Dept. It is open 24/7. Sound control is required to prevent sound transmission to adjacent work areas. Partitions shall have minimum STC rating of 49 at perimeter of Fitness Center area, including corridor.

Provide one bulletin board at Fitness Center entry.

Physical Conditioning

Minimum Area: 198.0 m² [2130 sf].

Occupants: 40 maximum

Hours of Operation: Continuous 24/7. Sporadic use; maximum at lunch and after-dinner times.

Function: strength/weight training (free weights and machines)

Adjacency requirements: Adjacent to Aerobics and Storage rooms and convenient to locker rooms.

Furnishings/Fixtures/Equipment:

TBD

4ea GFGI Wall-mounted TVs on CFCI brackets with CATV connections

Minimum Finishes:

Floor: Rubber

Base: resilient base

Walls: 72" high continuous mirrors on all walls with painted gypsum wallboard or painted veneer plaster above.

Ceiling: suspended acoustical panel ceiling

Other requirements:

Daylighting from clerestory windows - no exterior view windows

Minimum ceiling height 10'-0"

Ceiling fans preferred, not required

Aerobics Room

Minimum Area: 38.7 m² [415sf].

Occupants: 30 maximum

Hours of Operation: Continuous 24/7. Sporadic use; maximum at lunch and after-dinner times.

Function: Group aerobics

Adjacency requirements: Adjacent to Physical conditioning room and convenient to locker rooms.

Furnishings/Fixtures/Equipment:

TBD

Stereo system

4ea Wall-mounted GFGI TVs with GFGI VCERS on CFCI brackets with CATV connections

Minimum Finishes:

Floor: rubber

Base: resilient base

Walls: painted gypsum wallboard or painted veneer plaster. 72" high continuous mirrors on three walls

Ceiling: suspended acoustical panel ceiling

Other requirements:

Minimum ceiling height 10'-0"

Ceiling fans preferred, not required

Daylighting from clerestory windows preferred (not mandatory) - no exterior view windows

Manager

Minimum Area: 9.0 m² [96 sf].

Occupants: 1, and occasional visitors.

Hours of Operation: Normal business day

Function: Private office

Adjacency requirements:

Furnishings/Fixtures/Equipment:

lea workstation TBD
Controls for Aerobics room GFGI stereo system

Minimum Finishes:

Floor: carpet
Base: resilient base
Walls: painted gypsum wallboard or painted veneer plaster
Ceiling: suspended acoustical panel ceiling

Other requirements:

Storage

Minimum Area: 8.0 m² [85 sf]

Function: fitness equipment storage

Adjacency requirements:

Furnishings/Fixtures/Equipment:

TBD

Minimum Finishes:

Floor: sealed concrete
Base: resilient cove base
Walls: painted gypsum wallboard or painted veneer plaster
Ceiling: suspended acoustical panel ceiling

Other requirements:

*8

Women's Locker Room

Minimum Area: 24.3 m² [260 sf].

Hours of Operation: Continuous 24/7

Function: Toilets, showers and lockers for female soldiers and staff. Soldiers and staff will use locker rooms before and after physical training.

Adjacency requirements: Provide corridor entrance.

Furnishings/Fixtures/Equipment:

2ea floor mounted toilets
2ea lavatories (vanity)
2ea shower stalls with private changing area enclosures
Toilet partitions at each toilet and changing area
One mirror with shelf above each lavatory
One paper towel dispenser/waste receptacle per two lavatories (or fraction thereof)
One soap dispenser per lavatory
One sanitary napkin disposal per toilet
One toilet tissue dispenser per toilet
One soap holder per shower
One shower curtain and rod at each shower
Two double pin robe hooks at each shower
One robe hook on each toilet partition door
One sanitary napkin and tampon vending machine
Minimum of 900 mm [3'-0"] of locker room bench.
Wall mounted, hand held, electric hair dryer per each lavatory mounted adjacent to mirrors.
26 ea half height lockers min 12"w, 18"d, 36"h on curb with sloped top

Minimum Finishes:

Floor: porcelain tile or ceramic tile.
Base: porcelain tile or ceramic tile.

Walls: ceramic tile or 1800 mm high ceramic tile wainscot with painted water resistant gypsum wallboard above; scrubbable semigloss epoxy paint.

Ceiling: painted water-resistant gypsum wallboard; scrubbable semigloss epoxy paint.

Shower stall: Precast terrazzo base, ceramic tile or solid surfacing material walls.

Other requirements:

~~Emergency Power~~

Entrances shall provide visual privacy into the space.

Partitions shall have minimum STC rating of 49.

Floor sloped to floor drains.

*8

Men's Locker Room

Minimum Area: 34.6 m² [370 sf].

Hours of Operation: Continuous 24/7

Function: Toilets, showers and lockers for male soldiers and staff. Soldiers and staff will use locker rooms before and after physical training.

Adjacency requirements: Provide corridor entrance.

Furnishings/Fixtures/Equipment:

2ea floor mounted toilets

2ea urinals with privacy partition

3ea lavatories (wall-hung or vanity)

3ea shower stalls with private changing area enclosures

Toilet partitions at each toilet and changing area

One mirror with shelf above each lavatory

One paper towel dispenser/waste receptacle per two lavatories (or fraction thereof)

One soap dispenser per lavatory

One toilet tissue dispenser per toilet

One soap holder per shower

One shower curtain and rod at each shower

Two double pin robe hooks at each shower

One robe hook on each toilet partition door

Minimum of 2100 mm [7'-0"] of locker room bench. Wall mounted, hand held, electric hair dryer per each lavatory mounted adjacent to mirrors.

36ea half height lockers min 12"w, 18"d, 36"h on curb with sloped top

Minimum Finishes:

Floor: porcelain tile or ceramic tile.

Base: porcelain tile or ceramic tile.

Walls: ceramic tile, or 1800 mm high ceramic tile wainscot with painted water resistant gypsum wallboard above; scrubbable semigloss epoxy paint.

Ceiling: painted water-resistant gypsum wallboard; scrubbable semigloss epoxy paint.

Shower stall: Precast terrazzo base, ceramic tile or solid surfacing material walls.

Other requirements:

~~Emergency Power~~

Entrances shall provide visual privacy into the space.

Partitions shall have minimum STC rating of 49.

Floor sloped to floor drains.

FIRST FLOOR COMMON AND SUPPORT AREAS

Automation

Minimum Area: 13.1 m² (140 sf).

Occupants: 2

Hours of Operation: Normal business day

Function: Open office. Computer support for facility.

Adjacency Requirements:

Furnishings/Fixtures/Equipment:

2ea workstation TBD

GFGI Main computer servers

Minimum Finishes:

Floor: carpet

Base: resilient

Walls: painted gypsum board

Ceiling: suspended acoustical panel ceiling

Other Requirements:

Emergency Power

*8

Men's Restroom

Function: public restroom for staff and visitors.

Adjacency requirements: Provide corridor entrance. Central location convenient to public and staff.

Furnishings/Fixtures/Equipment:

2ea floor mounted toilets

1ea wall mounted urinal

2ea lavatories (wall-hung or vanity)

Toilet partitions at each toilet

Continuous mirror over vanity

One paper towel dispenser/waste receptacle per two lavatories (or fraction thereof)

One soap dispenser per lavatory

One two-roll toilet tissue dispenser per toilet

Minimum Finishes:

Floor: porcelain tile or ceramic tile.

Base: porcelain tile or ceramic tile.

Walls: ceramic tile or 1800 mm high ceramic tile wainscot with painted water resistant gypsum wallboard above; scrubbable semigloss paint.

Ceiling: painted gypsum wallboard.

Other requirements:

~~Emergency Power~~

Entrance shall provide visual privacy into the space.

Partitions shall have minimum STC rating of 49.

Floor sloped to floor drain.

*8

Women's Restroom

Function: public restroom for staff and visitors.

Adjacency requirements: Provide corridor entrance. Central location convenient to public and staff.

Furnishings/Fixtures/Equipment:

3ea floor mounted toilets

2ea lavatories (wall-hung or vanity)

Toilet partitions at each toilet

One mirror with shelf above each lavatory or continuous mirror over vanity

One paper towel dispenser/waste receptacle per two lavatories (or fraction thereof)

One soap dispenser per lavatory
One sanitary napkin disposal per toilet
One two-roll toilet tissue dispenser per toilet
One sanitary napkin and tampon vending machine

Minimum Finishes:

Floor: porcelain tile or ceramic tile.
Base: porcelain tile or ceramic tile.
Walls: ceramic tile, or 1800 mm high ceramic tile wainscot with painted water resistant gypsum wallboard above; scrubbable semigloss paint.
Ceiling: painted gypsum wallboard

Other requirements:

~~Emergency Power~~

Entrance shall provide visual privacy into the space.
Partitions shall have minimum STC rating of 49.
Floor sloped to floor drain.

*8

Janitor Closet

Minimum area: 4.2 m² [45 sf]. Room shall be accessed from corridor.

Function: Sink and storage of cleaning supplies and equipment

Adjacency requirements: Central location in building

Furnishings/Fixtures/Equipment:

floor mounted mop sink
mop rack for two mops
minimum 1500 linear mm of wall mounted stainless steel shelving.

Minimum Finishes:

Floor: ceramic tile or sealed concrete
Base: resilient cove base or ceramic tile base
Walls: FRP wainscot minimum 48" high with painted water-resistant gypsum wallboard above; scrubbable semigloss paint.
Ceiling: painted gypsum wallboard, painted veneer plaster, or painted Portland cement plaster

Other requirements:

~~Emergency Power~~

Floor sloped to floor drain.

Elevator Equipment Room

Function: Space for hydraulic elevator equipment.

Adjacency requirements: Adjacent to elevator. Accessed from corridor.

Furnishings/Fixtures/Equipment:

Minimum Finishes:

Floor: sealed concrete
Base: resilient cove base
Walls: painted gypsum wallboard or painted veneer plaster
Ceiling: gypsum board.

Other requirements: Room and door size and layout shall ensure adequate space for equipment maintenance and replacement without requiring demolition.

Sound control

Elevators (2ea)

Function: hydraulic passenger elevators for vertical conveyance of people and furniture.

Adjacency requirements: Adjacent to lobby or main corridor.

Furnishings/Fixtures/Equipment: Passenger elevator: 2,500 lb. capacity, minimum 75 feet per minute speed; center opening doors. Refer to 01010

paragraph 5 for additional requirements.

Cab minimum finishes:

Floor: carpet

Walls: plastic laminate

Ceiling: suspended aluminum egg crate

Car door and front: satin finish stainless steel

Hoistway entrance doors and frame: satin finish stainless steel

Other requirements:

*8

Corridors

Minimum Width: As shown. Minimum width determined by egress requirements shall govern if they exceed these minimums.

Function: Circulation and means of egress.

Adjacency requirements: Adjacent to vertical circulation.

Furnishings/Fixtures/Equipment (FFE):

fire extinguishers in semi-recessed fire extinguisher cabinets

CCTV monitored in RTO

Minimum Finishes:

Floor:

First floor main lobby/public restrooms/north exit/fitness center: porcelain tile

First floor nonpublic corridor from detainee entrance to rear exit at

Detention: scuff-resistant; porcelain tile or VCT

Fitness area corridor: porcelain tile, ceramic tile or VCT

Detention area corridors: sealed concrete

All other corridors: carpet

Base: porcelain tile at porcelain tile floors; resilient cove base all others.

Walls:

First floor main lobby/public restrooms/north exit/fitness center: USG

Category 2 Moderate Duty abuse-resistance; painted gypsum wallboard or painted veneer plaster

First floor nonpublic corridor from detainee entrance to rear exit at

Detention: USG Category 3 Heavy Duty abuse-resistance; painted gypsum wallboard or painted veneer plaster; scrubbable semigloss.

Detention and Investigations area corridors: USG Category 3 Heavy Duty abuse-resistance; painted gypsum wallboard or painted veneer plaster; scrubbable semigloss.

All other corridors: painted gypsum wallboard.

Ceiling: suspended acoustical panel ceiling, painted gypsum wallboard or painted veneer plaster.

Other requirements:

~~Emergency Power~~

Resilient corner guards

*8

Interior Stairs

Function: Circulation and means of egress.

Adjacency requirements: Adjacent to corridors. Connects all floors of the building.

Furnishings/Fixtures/Equipment: Stairs shall be steel construction with concrete-filled treads, or cast-in-place concrete construction. Open risers are prohibited.

Minimum Finishes:

Landing floor: sealed concrete.

Base: resilient cove base.

Treads: sealed concrete with slip-resistant nosing
Risers: painted steel
Walls: painted gypsum wallboard or painted masonry units.
Ceiling: suspended acoustical panel ceiling, painted gypsum wallboard, painted veneer plaster, or painted Portland cement plaster.
NOTE: Front stair finishes shall match lobby finishes.

Other requirements:

~~Emergency Power~~

Railings shall be painted steel or prefinished aluminum
Alarm at exit stairs

Mechanical Room

Function: Mechanical support space for building.

Adjacency requirements: Locate main mechanical room on ground floor with doors opening to exterior.

Minimum Finishes:

Floor: sealed concrete
Base: resilient cove base (none required if walls are concrete masonry units)Walls: painted gypsum wallboard or painted veneer plaster, or painted concrete masonry units
Ceiling: none required

Other requirements:

Emergency Power (receptacles, lighting and equipment serving areas identified herein with an emergency power requirement).
Air intake and exhaust openings located to provide optimum indoor air quality.
Roof mounted equipment shall not be used.
Screening around outdoor equipment areas (refer to Chapter 3); comply with force protection standards.
Room and door size and layout shall ensure adequate space for equipment maintenance and replacement without requiring demolition.
Mechanical support spaces shall not be used for storage or other purposes.
Access to mechanical spaces will be limited to authorized personnel.
Exterior mechanical equipment and air intake and openings in exterior walls located to comply with force protection standards.
Dedicated exterior areas for plumbing, fire protection, and HVAC equipment.
Floor sloped to floor drains.

Electrical Room

Function: Electrical support space for building.

Adjacency requirements: Locate main electrical equipment room on ground floor. Electrical rooms on upper floors should be located to allow efficient distribution. Size and locate rooms to allow equipment removal and maintenance. Electrical rooms shall not be used for storage or other purposes; access to electrical rooms will be limited to authorized personnel. Locate exterior electrical equipment to comply with force protection standards.

Furnishings/Fixtures/Equipment: As required by RFP

Minimum Finishes:

Floor: sealed concrete
Base: resilient cove base (none required if walls are concrete masonry units)Walls: painted gypsum wallboard or painted veneer plaster, or painted concrete masonry units
Ceiling: none required

Other requirements:

Emergency Power

Electrical service to the building shall be underground.
Masonry screen walls with lockable metal access gates around outdoor equipment (refer to Chapter 3); it is preferable to locate transformer within the screened mechanical equipment area. Comply with force protection standards.
Room and door size and layout shall ensure adequate space for equipment maintenance and replacement without requiring demolition.
Dedicated exterior areas for electrical equipment.

Communication Room

Minimum Area: minimum dimensions for first floor communication room shall be 3000 mm x 3000 mm [10'-0" x 10'-0"].

Function: dedicated interior Telephone and data network support spaces for the building.

Adjacency requirements: Locate to allow efficient distribution. Communication rooms shall be as close to vertically stacked above each other as possible. Access shall be from corridor.

Minimum Finishes:

Floor: vinyl composition tile

Base: resilient cove base

Walls: painted gypsum wallboard or painted veneer plaster

Ceiling: suspended acoustical panel ceiling

Other requirements:

Emergency Power

Communication service to the building shall be underground.

Provide floor openings and vertical shaft spaces as necessary.

Provide a minimum of three 100 mm [4"] diameter empty conduits between vertically stacked communication rooms. Size and locate rooms to allow equipment removal and maintenance.

Room and door size and layout shall ensure adequate space for equipment maintenance and replacement without requiring demolition.

Communication rooms shall not be used for storage or other purposes; access will be limited to authorized personnel.

See Fort Bragg IDG for additional requirements.

SECOND FLOOR

PUBLIC SAFETY BUSINESS CENTER

The Public Safety Business Center is the executive head of the combined public safety services (MP, Fire, EMS) for Fort Bragg. This group receives VIP and public visitors. The group needs to be convenient to the public entry and The Deputy Director and Secretary/Waiting areas convey an important first impression of the organization. Interior design of these areas should reflect this office's prestige.

*8

Deputy Director

Minimum Area: 38.2 m² [410 sf].

Occupants: 1, and occasional visitors.

Hours of Operation: Normal business day

Function: Private office

Adjacency requirements: Adjacent to Secretary/Waiting Area and Budget office. Provide door to Secretary/Waiting. Room shall be accessed through the Reception Area.

Furnishings/Fixtures/Equipment:

1ea workstation TBD

Separate Lounge seating minimum two lounge chairs, corner table and lamp.

GFGI TV with CATV connection

SIPRNET connection

Minimum Finishes:

Floor: carpet

Base: resilient base

Walls: painted gypsum wallboard or painted veneer plaster

Ceiling: suspended acoustical panel ceiling

Other requirements:

Room shall have exterior window.

Partitions shall have minimum STC rating of 49.

Emergency Power

*8

Secretary/Waiting

Minimum Area: 32.9 m² [350 sf].

Occupants: 2, and occasional visitors.

Hours of Operation: Normal business day

Function: Office for secretarial functions and waiting area for Deputy Director and Chief Security/Intelligence.

Adjacency requirements: Adjacent to Deputy Directory and Chief Security/Intelligence offices and corridor. Room shall be accessed from corridor.

Furnishings/Fixtures/Equipment:

2ea workstations TBD

Visitor seating

GFGI Printer

GFGI Copier

GFGI Fax

GFGI ID card making machine on table with seating and backdrop for making ID photos.

Minimum Finishes:

Floor: carpet

Base: resilient base

Walls: painted gypsum wallboard or painted veneer plaster

Ceiling: suspended acoustical panel ceiling

Other requirements:

Emergency Power

Room shall have exterior windows.

Budget Office

Minimum Area: 28.9 m² [310 sf].

Occupants: 2, and occasional visitors.

Hours of Operation: Normal business day

Function: Office for budget officer and assistant.

Adjacency requirements: Adjacent to deputy director's office and corridor. Room shall be accessed from corridor.

Furnishings/Fixtures/Equipment:

2ea workstation TBD

Minimum Finishes:

Floor: carpet

Base: resilient base

Walls: painted gypsum wallboard or painted veneer plaster

Ceiling: suspended acoustical panel ceiling

Other requirements:

Human Resources

Minimum Area: 18.4 m² [198 sf].

Occupants: 2, and occasional visitors.

Hours of Operation: Normal business day

Function: Office for human resources functions.

Adjacency requirements: Adjacent to corridor. Room shall be accessed from corridor.

Furnishings/Fixtures/Equipment:

2ea workstation TBD

Minimum Finishes:

Floor: carpet

Base: resilient base

Walls: painted gypsum wallboard or painted veneer plaster

Ceiling: suspended acoustical panel ceiling

Other requirements:

Partitions shall have minimum STC rating of 49.

Exterior window preferred (not required)

SECURITY/INTELLIGENCE OFFICE

NOTE: All workstations in this work group have 3 CPUs at each workstation.

Chief

Minimum Area: 20.2 m² [215 sf].

Occupants: 1, and occasional visitors.

Hours of Operation: Normal business day

Function: Private office

Adjacency requirements: Adjacent to Reception Area and other Security/Intelligence offices. Room shall be accessed through the Reception Area and internal corridor.

Furnishings/Fixtures/Equipment:

1ea workstation TBD

GFGI TV with CATV connection

SIPRNET connection

Classified computer connection

Minimum Finishes:

Floor: carpet

Base: resilient base

Walls: painted gypsum wallboard or painted veneer plaster

Ceiling: suspended acoustical panel ceiling

Other requirements:

Emergency Power

Partitions shall have minimum STC rating of 49.

Exterior window

Private Office (5ea)

Minimum Area: 9.7 m² [104 sf] each.

Occupants: 1 in each office, and occasional visitors.

Hours of Operation: Normal business day

Function: Private office

Adjacency requirements: Adjacent to other Security/Intelligence offices. Offices shall be accessed directly from internal corridor and open office areas.

Furnishings/Fixtures/Equipment:

1ea workstation TBD

SIPRNET connection in each of the three private offices accessed from the 4PN office

Classified computer connection in each of the two private offices closest to the SI Chief office

Minimum Finishes:

Floor: carpet

Base: resilient cove base

Walls: painted gypsum wallboard or painted veneer plaster

Ceiling: suspended acoustical panel ceiling

Other requirements:

Emergency Power (Two private offices adjacent to S/I Chief)

Partitions shall have minimum STC rating of 49.

Exterior window preferred (not required)

*8

2PN Office

Minimum Area: 14.2 m² [152 sf].

Occupants: 2, and occasional visitors.

Hours of Operation: Normal business day

Function: Shared Office

Adjacency requirements: Adjacent to other Security/Intelligence offices. Office shall be accessed directly from internal corridor.

Furnishings/Fixtures/Equipment:

2ea workstation TBD

Classified computer connection at each workstation

Minimum Finishes:

Floor: carpet

Base: resilient cove base

Walls: painted gypsum wallboard or painted veneer plaster

Ceiling: suspended acoustical panel ceiling

Other requirements:

~~Emergency Power~~

Exterior window preferred (not required)

Partitions shall have minimum STC rating of 49.

4PN Office (3ea)

Minimum Area: 26.4 m² [284 sf] each.

Occupants: 4 in each office, and occasional visitors.

Hours of Operation: Normal business day

Function: Offices for Security/Intelligence personnel.

Adjacency requirements: Adjacent to other Security/Intelligence offices. Offices shall be accessed directly from main corridor.

Furnishings/Fixtures/Equipment:

4ea workstations TBD

Battery chargers for 6ea radios (charging simultaneously)

Minimum Finishes:

Floor: carpet

Base: resilient cove base

Walls: painted gypsum wallboard or painted veneer plaster
Ceiling: suspended acoustical panel ceiling

Other requirements:

Partitions shall have minimum STC rating of 49.
Exterior window preferred (not required)

*8

Files

Minimum Area: 11.6 m² [125 sf]

Function: Storage of files for Security/Intelligence office.

Adjacency requirements: Adjacent to internal corridor and other Security/Intelligence offices. Files room will be accessed from internal corridor and be under the control of the Security/Intelligence office at all times.

Furnishings/Fixtures/Equipment:

1ea GFGI degausser
1ea GFGI shredder
4ea GFGI safe files (1,000 lbs each - need reinforced floor)

Minimum Finishes:

Floor: vinyl composition tile, carpet
Base: resilient cove base
Walls: painted gypsum wallboard or painted veneer plaster
Ceiling: suspended acoustical panel ceiling

Other requirements: ~~Emergency Power~~

FIRE/EMERGENCY SERVICES

Chief

Minimum Area: 10.9 m² [115 sf].

Occupants: 1, and occasional visitors.

Hours of Operation: Normal business day

Function: Private office for chief fire/emergency services.

Adjacency requirements: Adjacent to fire/emergency services open office and deputy's office. Provide door to fire/emergency services open office. Room shall be accessed through fire/emergency services open office.

Furnishings/Fixtures/Equipment:

1ea workstation TBD
GFGI TV with CATV connection

Minimum Finishes:

Floor: carpet
Base: resilient base
Walls: painted gypsum wallboard or painted veneer plaster
Ceiling: suspended acoustical panel ceiling

Other requirements: Partitions shall have minimum STC rating of 49.
Exterior window

Deputy

Minimum Area: 10.2 m² [110 sf].

Occupants: 1, and occasional visitors.

Hours of Operation: Normal business day

Function: Private office

Adjacency requirements: Adjacent to fire/emergency services chief and open

office area. Provide door to fire/emergency services open office. Room shall be accessed through fire/emergency services open office.

Furnishings/Fixtures/Equipment:

1ea workstation TBD

Minimum Finishes:

Floor: carpet

Base: resilient base

Walls: painted gypsum wallboard or painted veneer plaster

Ceiling: suspended acoustical panel ceiling

Other requirements:

Fire/Emergency Services Open Office

Minimum Area: 19.2 m² [200 sf].

Occupants: 3, and occasional visitors.

Hours of Operation: Normal business day

Function: Open office for fire/EMS functions.

Adjacency requirements: Adjacent to chief and deputy of fire/emergency services offices and corridor. Room shall be accessed from corridor.

Furnishings/Fixtures/Equipment:

3ea workstation TBD

Minimum Finishes:

Floor: carpet

Base: resilient base

Walls: painted gypsum wallboard or painted veneer plaster

Ceiling: suspended acoustical panel ceiling

Other requirements:

Exterior window preferred (not required)

SAFETY

*8

Chief

Minimum Area: 19.2 m² [200 sf].

Occupants: 1, and occasional visitors.

Hours of Operation: Normal business day

Function: Private office

Adjacency requirements: Adjacent to Reception Area and other Safety offices. Room shall be accessed through the Reception Area and internal corridor.

Furnishings/Fixtures/Equipment:

1ea workstation TBD

GFGI TV with CATV connection

Minimum Finishes:

Floor: carpet

Base: resilient base

Walls: painted gypsum wallboard or painted veneer plaster

Ceiling: suspended acoustical panel ceiling

Other requirements:

Partitions shall have minimum STC rating of 49.

Exterior window

Emergency Power

Reception / Open Office

Minimum Area: 46.3 m² [495 sf]

Occupants: 6 staff, and occasional visitors.

Hours of Operation: Normal business day

Function: Open office area for Safety admin staff

Adjacency requirements: Adjacent to corridor. Adjacent to Safety private and semi-private offices, Safety Chief, Radiation Safety and Work Room. Office shall be accessed from corridor. The area shall have direct access to Safety Chief, Radiation Safety, Work Room and other Safety offices

Furnishings/Fixtures/Equipment:

6ea workstations TBD

Minimum Finishes:

Floor: carpet

Base: resilient base

Walls: painted gypsum wallboard or painted veneer plaster

Ceiling: suspended acoustical panel ceiling

Other requirements:

Minimum ceiling height 2642 mm [8'-8"].

2PN Office (2ea)

Minimum Area: 19.9 m² [210 sf] each.

Occupants: 2 per office, and occasional visitors.

Hours of Operation: Normal business day

Function: Offices for Safety functions.

Adjacency requirements: Adjacent to internal Safety corridor. Rooms shall be accessed from internal corridor.

Furnishings/Fixtures/Equipment:

2ea workstations TBD

Minimum Finishes:

Floor: carpet

Base: resilient base

Walls: painted gypsum wallboard or painted veneer plaster

Ceiling: suspended acoustical panel ceiling

Other requirements:

Exterior window preferred (not required)

Office (2ea)

Minimum Area: 9.3 m² [100 sf] each.

Occupants: 1 in each office.

Hours of Operation: Normal business day

Function: Private office

Adjacency requirements: Adjacent to Safety offices and Safety internal corridor. accessed through Safety internal corridor.

Furnishings/Fixtures/Equipment:

1ea workstation TBD

Minimum Finishes:

Floor: carpet

Base: resilient base

Walls: painted gypsum wallboard or painted veneer plaster

Ceiling: suspended acoustical panel ceiling

Other requirements:

Exterior window preferred (not required)

Radiation Safety

Minimum Area: 27.2 m² [290 sf].

Occupants: 3.

Hours of Operation: Normal business day

Function: Open Office

Adjacency requirements: Adjacent to Safety offices and Safety internal corridor. accessed through Safety internal corridor.

Furnishings/Fixtures/Equipment:

3ea workstation TBD

Minimum Finishes:

Floor: carpet

Base: resilient base

Walls: painted gypsum wallboard or painted veneer plaster

Ceiling: suspended acoustical panel ceiling

Other requirements:

door shall have entry function (F81) lockset.

Exterior window preferred (not required)

File/Workroom

Minimum Area: 9.9 m² [105 sf].

Hours of Operation: Normal business day **Function:** Files storage, processing

Adjacency requirements: Adjacent to and accessed from

Furnishings/Fixtures/Equipment:

TBD

Minimum Finishes:

Floor: carpet

Base: resilient base

Walls: painted gypsum wallboard or painted veneer plaster.

Ceiling: suspended acoustical panel ceiling

Other requirements:

SECOND FLOOR COMMON AND SUPPORT AREAS

Automation

Minimum Area: 15.4 m² [165 sf].

Occupants: 2.

Hours of Operation: Normal business day

Function: Office for use by Automation personnel.

Adjacency requirements: Adjacent to Safety offices and Classroom. Area shall be accessed through corridor.

Furnishings/Fixtures/Equipment:

2ea workstations TBD

Minimum Finishes:

Floor: carpet

Base: resilient base

Walls: painted gypsum wallboard or painted veneer plaster

Ceiling: suspended acoustical panel ceiling

Other requirements: Emergency Power

Classroom

Minimum Area: 69.5 m² [745 sf].

Occupants: up to 30 persons.

Hours of Operation: Normal business day

Function: Soldier training and other meetings.

Adjacency requirements: Adjacent to corridor. Near toilets. Classroom shall be located to allow direct access from the corridor.

Furnishings/Fixtures/Equipment:

15 Training tables with 2 stacking chairs per table

Podium

One marker board (minimum 3658 mm wide x 1200 mm high [12'-0" x 4'-0"])

One 2400 mm wide [8'-0"] wall mounted pull-down projection screen.

GFGI TV/VCR on CFCI wall-mount bracket with CATV outlet

Ceiling mounted GFGI video projector (CFCI bracket) and workstation for PC that operates projector

Minimum Finishes:

Floor: carpet

Base: resilient base

Walls: painted gypsum wallboard or painted veneer plaster

Ceiling: suspended acoustical panel ceiling, and painted gypsum wallboard or painted veneer plaster

Other requirements:

Partitions shall have minimum STC rating of 49.

Minimum ceiling height 9'-0".

Sullivan Room

Minimum Area: 173.0 m² [1860 sf].

Occupants: Up to 80

Hours of Operation: Normal business day

Function: Large conference room. Soldier training and other meetings.

Adjacency requirements: Adjacent to corridor. Near toilets. located to allow direct access from the corridor.

Furnishings/Fixtures/Equipment:

Fixed tables with task chairs

Outlet to plug in a laptop for each person

Podium with room lighting and audiovisual equipment controls at podium

One marker board (minimum 3658 mm wide x 1200 mm high [12'-0" x 4'-0"])

One 2400 mm wide [8'-0"] wall mounted pull-down projection screen.

GFGI TV/VCR on wall-mount CFCI bracket with CATV outlet

Ceiling mounted GFGI video projector (CFCI bracket) and workstation for PC that operates projector

Minimum Finishes:

Floor: carpet

Base: resilient base

Walls: painted gypsum wallboard or painted veneer plaster

Ceiling: suspended acoustical panel ceiling, and painted gypsum wallboard or painted veneer plaster

Other requirements:

Emergency Power

Tiered floor and ceiling

doors shall have classroom function (F84) lockset.

Partitions shall have minimum STC rating of 49.

Minimum ceiling height 3000 mm [10'-0"].

No exterior windows

*6

Break Room

Minimum Area: ~~21-617.5~~ m² [~~230-185~~ sf]. Area shall have countertop with kitchen sink.

Hours of Operation: Normal business day

Function: Space for lunch and breaks; for use by administrative staff and visitors.

Adjacency requirements: Adjacent to corridor and administrative offices.

Furnishings/Fixtures/Equipment:

600 mm deep [2'-0"] plastic laminate countertop with side and backsplashes at walls

Stainless steel kitchen sink.

Wall cabinets; mounted to provide 600 mm clearance above countertop

Base cabinets with utensil drawers

Counter space, 30" clearance above countertop and dedicated electrical receptacle for GFGI large urn-type coffee maker

Counter space and dedicated electrical receptacle for GFGI microwave oven GFGI Refrigerator

Two dining tables for four persons, minimum 1000mm diameter x 750mm high [3'-4" x 30" high] with four armless dining chairs each.

Waste/recycling receptacles

Minimum Finishes:

Floor: vinyl composition tile, porcelain tile, or ceramic tile.

Base: resilient base, porcelain tile, or ceramic tile.

Walls: painted gypsum wallboard or painted veneer plaster; scrubbable semigloss paint.

Ceiling: suspended acoustical panel ceiling.

Other requirements:

Exterior window preferred (not required)

Men's Restroom

Provide one room. Restroom will be accessed from corridor. Arrange entrance to provide visual privacy.

Function: Restroom for male staff and visitors.

Adjacency requirements: Adjacent to corridor.

Furnishings/Fixtures/Equipment:

Lavatories, floor mounted toilets, and wall-hung urinals as shown. Lavatories shall be countertop mounted.

Toilet partitions at each toilet, and urinal partitions between urinals.

Toilet accessories: one continuous mirror full width of countertop at countertop mounted lavatories; one paper towel dispenser/waste receptacle per toilet room; one soap dispenser per lavatory; one double-roll toilet tissue dispenser per toilet; one robe hook on each toilet partition door.

Minimum Finishes:

Floor: porcelain tile, or ceramic tile.

Base: porcelain tile, or ceramic tile.

Walls: ceramic tile, or 1800 mm high ceramic tile wainscot with painted water resistant gypsum wallboard above.

Ceiling: painted Portland cement plaster, or painted gypsum wallboard or veneer plaster.

Countertops shall be plastic laminate or solid surfacing material.

Other requirements:

Partitions shall have minimum STC rating of 49.

Floor sloped to floor drain.

Women's Restroom

Provide one room. Restroom will be accessed from corridor. Arrange entrance to provide visual privacy.

Function: Restrooms for female staff and visitors.

Adjacency requirements: Adjacent to corridor.

Furnishings/Fixtures/Equipment:

Lavatories and floor mounted toilets as shown. Lavatories shall be countertop mounted.

Toilet partitions at each toilet.

Toilet accessories: one continuous mirror full width of countertop; one paper towel dispenser/waste receptacle per toilet room; one soap dispenser per lavatory; one double-roll toilet tissue dispenser per toilet; one sanitary napkin disposal at each toilet; one robe hook on each toilet partition door.

Minimum Finishes:

Floor: porcelain tile, or ceramic tile.

Base: porcelain tile, or ceramic tile.

Walls: ceramic tile, or 1800 mm high ceramic tile wainscot with painted water resistant gypsum wallboard above; scrubbable semigloss paint.

Ceiling: painted Portland cement plaster, or painted gypsum wallboard or veneer plaster.

Countertops shall be plastic laminate or solid surfacing material.

Other requirements:

Partitions shall have minimum STC rating of 49.

Floor sloped to floor drain.

Vending Area

Provide as shown.

Function: Space for soft drink and snack vending machines.

Adjacency requirements: In corridor near elevators.

Furnishings/Fixtures/Equipment: Design the space to accommodate four full-size GFGI soft drink and snack vending machines. Vending machines will not require plumbing connections.

Minimum Finishes: Match adjacent corridor.

Other requirements:

Copier Area

Provide as shown.

Function: Space for shared photocopier.

Adjacency requirements: In corridor near elevators.

Furnishings/Fixtures/Equipment:

GFGI Copier with copier supplies storage.

Minimum Finishes: Match adjacent corridor.

Other requirements:

Communications

See description at First Floor Common Areas.

Elevators

See description at First Floor Common Areas.

Corridors

See description at First Floor Common Areas.

Interior Stairs

See description at First Floor Common Areas.

*6

Secure Communication Room

Provide dedicated interior room for secure communication distribution equipment. Room shall be dedicated to one company, and shall not be combined with communication, mechanical or electrical rooms. Secure communication room shall be accessed from corridor. Access will be limited to authorized personnel. Provide one secure communication room; minimum area 36 sf. Provide additional secure communication rooms as needed; all spaces having SIPRNET or NIPRNET outlets shall be located to allow a maximum cable length of 295 feet from outlet to termination in secure communication room. Provide floor openings and vertical shaft spaces as necessary.

Function: Secure data network support spaces for the building.

Adjacency requirements: Locate to allow efficient distribution. Communication rooms shall not be used for storage or other purposes; access will be limited to authorized personnel.

Furnishings/Fixtures/Equipment: As required by Statement of Work. GFGI SPIRNET encryption equipment.

Minimum Finishes:

Floor: Vinyl composition tile

Base: Resilient cove base

Walls: Painted gypsum wallboard or painted veneer plaster, or painted concrete masonry units

Ceiling: None

*7

Other requirements:

Emergency Power

Partitions must extend to underside of structural deck above. Door to have combination cipher lock. No windows or other openings.

APPENDIX G

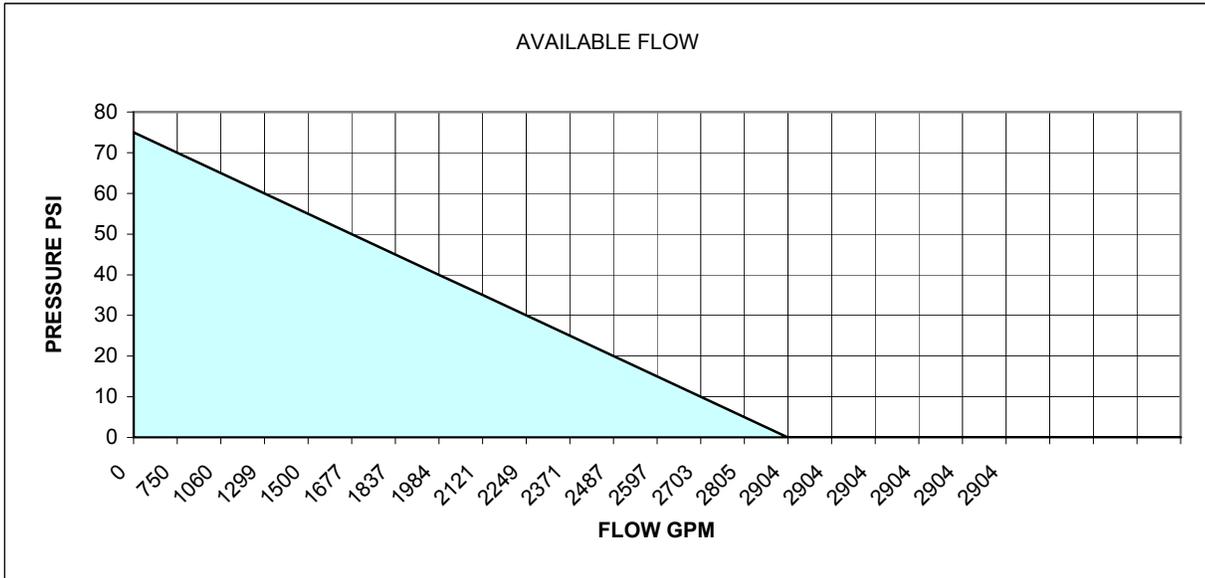
WATER FLOW TEST SUMMARY SHEET

WATER FLOW TEST SUMMARY SHEET

Flow Hydrant on Armstead St between Butner Rd and Letterman St..

	FLOW		PRESSURE		HOSE DEMAND	
	(GPM)	(LPM)	(PSI)	(BARS)	(GPM)	(LPM)
STATIC	0	0	75	5.1675	500	1895
RESIDUAL	1209	4582.11	62	4.2718		

FLOW		PRESSURE		FLOW	HOSE DEMAND	PRESSURE	
(GPM)	(LPM)	(PSI)	(BARS)	(GPM)	(LPM)	(PSI)	(BARS)
0	0	75	5.2	-500	-1895	75	5.2
750	2842	70	4.8	250	947	70	4.8
1060	4019	65	4.5	560	2124	65	4.5
1299	4922	60	4.1	799	3027	60	4.1
1500	5683	55	3.8	1000	3788	55	3.8
1677	6354	50	3.4	1177	4459	50	3.4
1837	6961	45	3.1	1337	5066	45	3.1
1984	7518	40	2.8	1484	5623	40	2.8
2121	8038	35	2.4	1621	6143	35	2.4
2249	8525	30	2.1	1749	6630	30	2.1
2371	8986	25	1.7	1871	7091	25	1.7
2487	9425	20	1.4	1987	7530	20	1.4
2597	9844	15	1.0	2097	7949	15	1.0
2703	10246	10	0.7	2203	8351	10	0.7
2805	10633	5	0.3	2305	8738	5	0.3
2904	11006	0	0.0	2404	9111	0	0.0
2904	11006	0	0.0	2404	9111	0	0.0
2904	11006	0	0.0	2404	9111	0	0.0
2904	11006	0	0.0	2404	9111	0	0.0
2904	11006	0	0.0	2404	9111	0	0.0
2904	11006	0	0.0	2404	9111	0	0.0



Fort Bragg Fire & Emergency Sv

Hydrant Flow Test By Hydrant

Hydrant Number = "2-0078"

Date	Static	Residual	Pitot	Pitot 2	GPM	20 PSI	10 PSI	0 PSI	
2-0078	Butner RD & Jackson ST				AD				
10/18/2002	74	54	50	0	1186	2028	2223	2404	
5557	Johnson, Ja : F								
Subtotal Flow Tests:					1	Min: 1186	2028	2223	2404
						Max: 1186	2028	2223	2404
						Avg: 1186	2028	2223	2404
Total Flow Tests:		1							

Fort Bragg Fire & Emergency Sv

Hydrant Flow Test By Hydrant

Hydrant Number = "2-0079" "

Date	Static	Residual	Pitot	Pitot 2	GPM	20 PSI	10 PSI	0 PSI	
2-0079	Butner RD & Armistead ST				MUELLER				
10/18/2002	72	58	44	0	1113	2261	2486	2695	
5557	Johnson, James F								
Subtotal Flow Tests:				1	Min:	1113	2261	2486	2695
					Max:	1113	2261	2486	2695
					Avg:	1113	2261	2486	2695
Total Flow Tests:		1							