



**Room Name:** Lobby

**Target Area:** 2150 sf (area included in Circulation)

**Function:** Provides area for security control, public reception, pre-function assembly and circulation

**Fenestration:** Natural light, including skylights

**Adjacencies:**

- Direct: Recruiting  
Family Readiness  
Assembly
- Adjacent: Vertical circulation  
Public toilets
- Separation: Training Workbays

**Finishes:**

- Floor: Terrazzo with walk-off mats/grilles at entry
- Walls: CMU/GWB – integral color and/or paint; Acoustic panels
- Base: Terrazzo
- Ceiling: Acoustic tile/GWB – paint
- Clg Ht: 24 ft
- Doors: Per code for exiting  
Aluminum Storefront with energy vestibule  
Handicapped assisted door operators  
Security devices

**Special Loading:** None

**Plumbing:** None

**HVAC:** HVAC, Minimum Ventilation 10 cfm/person; Heat in Vestibule

**Lighting:** 15-20 FC

**Power:** (1) 110V duplex at 20' o.c.

**Communications:** Doorbell; security camera

**Fixed Equipment:** None

**Furnishings:** Directional signage  
Building directory  
Display case

**Remarks:** Direct access to future expansion



**Room Name:** Recruiting Office  
**Target Area:** 250 sf  
**Function:** Administrative office for unit recruiting and retention  
**Fenestration:** Natural light  
**Adjacencies:**  
    Direct: Lobby  
    Adjacent: Family Readiness Center  
            Assembly  
    Separation: Training Workbays  
**Finishes:**  
    Floor: Carpet tile  
    Walls: GWB/CMU - paint  
    Base: Rubber  
    Ceiling: Acoustic tile  
    Clg. Ht.: 9 ft  
**Doors:** Standard HM doors as required for exiting; relites to lobby  
**Special Loading:** None  
**Plumbing:** None  
**HVAC:** HVAC, Minimum Ventilation 10 cfm/person  
**Lighting:** 40-50 FC  
**Power:** (1) 110V duplex per wall per  
**Communications:** 4 voice/data outlets  
**Fixed Equipment:** Shelving  
**Furnishings:** Waiting room type with adjacent table and chairs for conferencing;  
roller shades  
**Remarks:** Emphasis on public accessibility



**Room Name:** Family Readiness Center  
**Target Area:** 250 sf  
**Function:** Support for family members of deployed personnel  
**Fenestration:** Natural light  
**Adjacencies:**  
    Direct: Lobby  
    Adjacent: Recruiting Office  
            Assembly  
    Separation: Training Workbays  
**Finishes:**  
    Floor: Carpet tile  
    Walls: GWB/CMU - paint  
    Base: Rubber  
    Ceiling: Acoustic Tile  
    Clg. Ht.: 9 ft  
**Doors:** Standard HM doors as required for exiting; relites to lobby  
**Special Loading:** None  
**Plumbing:** None  
**HVAC:** HVAC, Minimum Ventilation 10 cfm/person  
**Lighting:** 30-40 FC  
**Power:** (1) 110V duplex per wall per  
**Communications:** 4 Voice/Data outlets  
**Fixed Equipment:** Shelving  
**Furnishings:** Waiting room type with adjacent table and chairs for conferencing;  
roller shades  
**Remarks:** Emphasis on public accessibility



<b>Room Name:</b>	<b>Administrative Offices (open cubicle)</b>
<b>Target Area:</b>	<b>Varies</b> - See Section V.3.
<b>Function:</b>	Administrative office for the command and control of the assigned units; for personnel who do not routinely handle or store classified documents and/or where conversational privacy is not routinely required
<b>Fenestration:</b>	Natural light
<b>Adjacencies:</b>	
Direct:	Circulation
Adjacent:	Private Offices Classrooms Break/Vending Area Toilets
Separation:	Training Workbays
<b>Finishes:</b>	
Floor:	Carpet tile
Walls:	GWB/CMU - paint w/ epoxy wainscot to 5'
Base:	Rubber
Ceiling:	Acoustic tile
Clg. Ht.:	9 ft
<b>Doors:</b>	Standard HM doors as required for exiting; relites to corridor
<b>Special Loading:</b>	None
<b>Plumbing:</b>	None
<b>HVAC:</b>	HVAC, Minimum Ventilation 10 cfm/person
<b>Lighting:</b>	40-50 FC
<b>Power:</b>	(1) 110V quad receptacles per cubicle; (1) duplex per 8 LF wall.
<b>Communications:</b>	4 - voice/data outlets per cubicle; (1) voice/data outlets per 8 LF wall
<b>Fixed Equipment:</b>	Reception counter, copier/supply counter
<b>Furnishings:</b>	Modular office furniture; roller shades



<b>Room Name:</b>	<b>Private Offices</b>
<b>Target Area:</b>	<b>Varies, See Section V.3.</b>
<b>Function:</b>	Administrative office for personnel that routinely handles or stores classified documents and/or where conversational privacy is routinely required
<b>Fenestration:</b>	Natural light
<b>Adjacencies:</b>	
Direct:	Administrative Offices
Adjacent:	Other command/staff offices Classrooms Break/Vending Area Toilets
Separation:	Training Workbays
<b>Finishes:</b>	
Floor:	Carpet Tile
Walls:	GWB/CMU - paint w/ epoxy wainscot to 5'
Base:	Rubber
Ceiling:	Acoustic Tile
Clg. Ht.:	9 ft
<b>Doors:</b>	Standard HM door with vision lite
<b>Special Loading:</b>	None
<b>Plumbing:</b>	None
<b>HVAC:</b>	HVAC, Minimum Ventilation 10 cfm/person
<b>Lighting:</b>	40-50 FC
<b>Power:</b>	(2)110V duplex per 50 sq ft
<b>Communications:</b>	2 - voice/data outlets
<b>Fixed Equipment:</b>	None
<b>Furnishings:</b>	Varies but typically contain desk, chair, bookcase, locker, credenza, and side chairs; roller shades



**Room Name:** Assembly Hall  
**Target Area:** 6,300-SF  
**Function:** Area for troop assembly, inspections, formations, large group training. Also serves as dining, public assembly, emergency and disaster service operations and refuge  
**Fenestration:** Natural light  
**Adjacencies:**  
    Direct: Lobby  
            Kitchen  
            Table/Chair Storage  
            Training Aid Storage  
            Physical Fitness  
    Adjacent: Toilets/Showers  
            Public Toilets  
            Lockers  
            Loading Dock  
            Unit Storage  
**Finishes:**  
    Floor: Concrete with pigmented hardener/sealer  
    Walls: CMU - paint w/ epoxy wainscot to 5'; Acoustic wall panels  
    Base: Rubber or glazed CMU  
    Ceiling: Exposed acoustic decking – Paint  
    Clg. Ht.: 24 ft  
**Doors:** HM personnel doors as required for exiting and fire-ratings; motorized sectional vehicle door  
**Special Loading:** 150 psf, 6 inch slab. Provide 8 inch concrete turning pad for tracked vehicles  
**Plumbing:** None  
**HVAC:** HVAC, Minimum Ventilation 10 cfm/person ; A/C provided under state funds  
**Lighting:** 30-50 FC  
**Power:** (1) 110V duplex wall receptacles per 20 lf wall  
    Designated power for equipment  
**Communications:** Provide power, conduit, boxes, and panel for OF/OI PA system.  
    4 voice/data/video outlets per wall  
**Fixed Equipment:** 2x4 tackboard near kitchen for posting menu  
**Furnishings:** OF/OI folding tables and stacking chairs  
**Remarks:** Direct access to military vehicle parking; No folding partitions



<b>Room Name:</b>	<b>Break/Vending Area</b>
<b>Target Area:</b>	<b>956 sf</b>
<b>Function:</b>	Provides area for informal breaks and vending of refreshments
<b>Fenestration:</b>	Natural light
<b>Adjacencies:</b>	
Direct:	Corridor
Adjacent:	Classrooms Vertical circulation Toilets Lobby (visual connection)
Separation:	Training Workbays
<b>Finishes:</b>	
Floor:	Linoleum
Walls:	GWB - paint w/ epoxy wainscot to 5'
Base:	Rubber
Ceiling:	Acoustic tile
Clg. Ht.:	10 ft
<b>Doors:</b>	No doors, area open to circulation
<b>Special Loading:</b>	None
<b>Plumbing:</b>	Counter sink, floor drain, water for refrigerator
<b>HVAC:</b>	HVAC, Minimum Ventilation 10 cfm/person. Exhaust vent at counter
<b>Lighting:</b>	10-30 FC
<b>Power:</b>	(3) 110V duplex for microwave, coffeepot, 3 vending machines, and one refrigerator
<b>Communications:</b>	None
<b>Fixed Equipment:</b>	Counter for sink, coffee pot with storage under and shelving over with room for microwave
<b>Furnishings:</b>	OF/OI 4 tables with 4 chairs/each OF/OI vending machines OF/OI refrigerator



**Room Name:** Physical Fitness Room  
**Target Area:** 800 sf  
**Function:** Physical training of National Guard personnel  
**Fenestration:** Natural light (maximum possible)  
**Adjacencies:**  
    Direct: Assembly  
    Adjacent: Lockers  
            Toilet/Showers  
    Separation: Offices  
**Finishes:**  
    Floor: Rubber tile matting  
    Walls: GWB/CMU - paint w/ epoxy wainscot to 5'  
    Base: Rubber  
    Ceiling: Acoustic tile  
    Clg. Ht.: 10 ft  
**Doors:** Standard HM doors as required for exiting  
**Special Loading:** None  
**Plumbing:** Water cooler  
**HVAC:** HVAC, Minimum Ventilation 20 cfm/person  
**Lighting:** 10-30 FC  
**Power:** (2) 110V duplex per 8 LF wall  
**Communications:** None  
**Fixed Equipment:** None  
**Furnishings:** Exercise equipment OF/OI



**Room Name:** Kitchen

**Target Area:** 1300 sf (standard “small” kitchen) see Section V.7.A & Appendix 2 H.

**Function:** Provides for food service planning and management, food storage, food preparation and service, and scullery clean-up

**Fenestration:** Natural light (at office, minimum)

**Adjacencies:**

- Direct: Assembly
- Adjacent: Loading Dock
- Separation: Training Workbays

**Finishes:**

- Floor: Liquid-applied epoxy
- Walls: Ceramic Tile/FRP; CMU - epoxy paint
- Base: Liquid-applied epoxy cove
- Ceiling: Sanitary acoustic tile
- Clg. Ht: 10 ft

**Doors:** Standard HM doors as required for exiting

**Special Loading:** None

**Plumbing:** Hot and cold domestic water to lavatories, special sinks, and equipment requiring direct hook-up. Floor drains and floor sinks. Exterior can wash wall hydrant with hot/cold. Grease interceptor.

**HVAC:** HVAC, 1.0 cfm / sq ft . Code compliant with exhaust hoods at high moisture equipment and range hoods/make-up air with fire suppression at ranges, ovens, and grills.

**Lighting:** 40-50 FC

**Power:** Standard 208/110V as required by equipment and per code; All power GFCI protected

**Communications:** Voice/data in office

**Fixed Equipment:** OF/CI kitchen equipment per NGB small kitchen design standards; 4x4 marker board with tray and tack strip  
Shelving & cabinets

**Furnishings:** Single pedestal desk with chair, side chair, and file drawer in office

**Remarks:** Service counter with roll-up door into Assembly; direct access between serving line and Assembly



**Room Name:** Locker Room (Personnel Equipment Storage)

**Target Area:** 6,302

**Function:** Secure storage of individual National Guard personnel equipment, field gear, uniforms

**Fenestration:** Clerestory for natural lighting

**Adjacencies:**

Direct: Toilet>Showers

Adjacent: Unit Storage

Separation: None

**Finishes:**

Floor: Concrete with hardener/sealer  
Liquid-applied epoxy as state-funded alternate

Walls: CMU - paint w/ epoxy wainscot to 5'

Base: Rubber

Ceiling: Exposed – paint

Clg. Ht.: 10 ft

**Doors:** Standard HM doors as required for exiting

**Special Loading:** None

**Plumbing:** Floor Drain

**HVAC:** HVAC, Minimum Ventilation .5 cfm / sq ft

**Lighting:** 10-15 FC

**Power:** (1)110V duplex per 30 LF wall.

**Communications:** None

**Fixed Equipment:** Benches

**Furnishings:** Lockers - 18 inches wide, 24 inches deep. Lyon 2 Tier 1100TA50 or equal.

**Remarks:** No subdivision between male/female personnel



**Room Name:** Unit Storage

**Target Area:** 9,000 sf (includes Vaults and Supply Officer sqft)

**Function:** Secure, heated storage for unit equipment

**Fenestration:** Natural light with security bars and etched glass; additional light from tubular skylights

**Adjacencies:**

Direct: Supply Office / Arms Vault  
Loading Dock

Adjacent: Lockers

Separation: None

**Finishes:**

Floor: Concrete with hardener/sealer

Walls: CMU - paint

Base: Rubber

Ceiling: Exposed - paint

Clg. Ht.: 10 ft

**Doors:** 16 gauge steel doors with 14 gauge frames. OH doors opening to loading area

**Special Loading:** None

**Plumbing:** None

**HVAC:** Heating and ventilation, Minimum Ventilation 3.0 air changes/hr

**Lighting:** 10-30 FC

**Power:** (1)110V duplex per 30 LF wall

**Communications:** None

**Fixed Equipment:** Full-height wire mesh cages with 4 ft swinging or sliding doors; Vehicle bumpers at loading dock

**Furnishings:** Industrial-duty three-tier storage shelving

**Remarks:** Subdivide to provide security of subordinate unit equipment



**Room Name:** Supply Office

**Target Area:** 140 sf (x5) (included in Unit Storage total)

**Function:** Administrative office and secure storage for unit supply sergeant

**Fenestration:** Natural light from tubular skylights

**Adjacencies:**

- Direct: Unit Storage
- Vault
- Adjacent: Lockers
- Separation: None

**Finishes:**

- Floor: Linoleum
- Walls: GWB/CMU - paint
- Base: Rubber
- Ceiling: Acoustic tile
- Clg. Ht.: 9 ft

**Doors:** Service window with rolling shutter and counter

**Special Loading:** None

**Plumbing:** None

**HVAC:** HVAC, Minimum Ventilation 3.0 air changes/hr

**Lighting:** 10-30 FC

**Power:** 1 - 110V duplex wall receptacles per wall

**Communications:** 2 voice/data outlets, Intrusion detection on door and counter shutter

**Fixed Equipment:** None

**Furnishings:** 1 desk, 2 chairs, file cabinet, supply cabinet, key safe



<b>Room Name:</b>	<b>Arms Vaults</b>
<b>Target Area:</b>	<b>300 sf (x3); 450 sf (x2); (included in Unit Storage total)</b>
<b>Function:</b>	Secure storage for unit weapons, high-value items, and security ammunition
<b>Fenestration:</b>	None
<b>Adjacencies:</b>	
Direct:	Supply Office
Adjacent:	Unit Storage
Separation:	None
<b>Finishes:</b>	
Floor:	Concrete with hardener/sealer
Walls:	Concrete -paint
Base:	Rubber
Ceiling:	Concrete – paint
Clg. Ht.:	8 ft
<b>Doors:</b>	Class-5 vault door with IDS
<b>Special Loading:</b>	None
<b>Plumbing:</b>	Floor sink for dehumidifier condensate (in Supply Office)
<b>HVAC:</b>	HVAC, Minimum Ventilation .25 cfm/sq. ft. “Z” vent; dehumidifier
<b>Lighting:</b>	30 FC
<b>Power:</b>	110V duplex receptacles per code and for IDS system
<b>Communications:</b>	Dedicated conduit to TER
<b>Fixed Equipment:</b>	Steel anchor rings
<b>Furnishings:</b>	OF/OI rifle racks, safe, and cabinets



**Room Name:** Maintenance Training Office  
**Target Area:** 250 sf  
**Function:** Administrative office for maintenance supervisor  
**Fenestration:** Natural light; relite to Workbays  
**Adjacencies:**  
Direct: Training Workbays  
Adjacent: Tool Room  
Maintenance Supply Room  
Separation: Classrooms, Offices  
**Finishes:**  
Floor: Linoleum  
Walls: GWB/CMU - paint  
Base: Rubber  
Ceiling: Acoustic tile  
Clg. Ht.: 9 ft  
**Doors:** Standard door with vision lite  
**Special Loading:** None  
**Plumbing:** None  
**HVAC:** HVAC, Minimum Ventilation 10 cfm/person  
**Lighting:** 40-50 FC  
**Power:** 1 - 110V duplex wall receptacles per wall  
**Communications:** 2 voice/data outlets  
**Fixed Equipment:** None  
**Furnishings:** 1 desk, 2 chairs, file cabinets, bookshelf; roller shades



**Room Name:** Training Workbays

**Target Area:** 2,048-SF (2 @ 32' x 32' w/ 4' perimeter pathways)

**Function:** Training of personnel in unit-level and operator maintenance of tracked and wheeled vehicles. Conduct unit-level PM on assigned wheeled vehicles

**Fenestration:** Clerestory for natural daylight

**Adjacencies:**

- Direct: Maintenance Office  
Tools  
Supply  
Battery
- Adjacent: Controlled Waste  
Flammable Materials Storage
- Separation: Classrooms  
Offices

**Finishes:**

- Floor: Concrete with pigmented hardener/sealer
- Walls: CMU - paint w/ epoxy wainscot to 5'
- Base: Rubber
- Ceiling: Exposed - paint
- Clg. Ht.: 24 ft

**Doors:** 16 gauge steel doors with 14 gauge frames, vision lites  
2 - 16w x 14h motorized vehicle doors each end

**Special Loading:** 150 psf slab (8 inches) for tracked vehicles

**Plumbing:** 1 hose bib with hot and cold water and trench drain per bay to oil/water separator

**HVAC:** Heating and ventilation, 1.5 cfm/sq.ft. Gas-fired radiant or air heaters  
Vehicle exhaust systems with 2 drops

**Lighting:** 30 FC

**Power:** 4 - 110V and 1 - 220V grounded outlets per bay  
1 - 28V DC outlet per bay

**Communications:** Wall phone and voice/data outlet

**Fixed Equipment:** None

**Furnishings:** None

**Remarks:** Configuration must be end-to-end to permit drive through of HEMTT/tracks



<b>Room Name:</b>	<b>Battery Room</b>
<b>Target Area:</b>	<b>200 sf</b>
<b>Function:</b>	Used for addition of electrolyte to batteries, storage of new/old batteries, and recharging of drained but serviceable batteries
<b>Fenestration:</b>	Not required
<b>Adjacencies:</b>	
Direct:	Training Workbays
Adjacent:	Maintenance Office Tool Room Maintenance Supply Room
Separation:	Classrooms Offices
<b>Finishes:</b>	
Floor:	Concrete with hardener/sealer Slope to acid neutralization/dilution chamber
Walls:	CMU - paint
Base:	Rubber
Ceiling:	Exposed - paint
Clg. Ht.:	9 ft
<b>Doors:</b>	16 gauge steel door with 14 gauge frame
<b>Special Loading:</b>	None
<b>Plumbing:</b>	Emergency eye wash and shower with water-flow alarm, floor drain Acid-resistant sink and cold water
<b>HVAC:</b>	Heating and ventilation, Minimum ventilation 1 cfm/sq. ft.; Dedicated explosion-proof exhaust fan with stainless steel ductwork
<b>Lighting:</b>	Explosion-proof 30fc
<b>Power:</b>	110V duplex wall receptacles per code
<b>Communications:</b>	None
<b>Fixed Equipment:</b>	Acid-resistant workbench
<b>Furnishings:</b>	Acid-resistant shelving



**Room Name:** Maintenance Supply Room  
**Target Area:** 200 sf  
**Function:** Storage of supplies used for unit-level and operator maintenance of tracked and wheeled vehicles  
**Fenestration:** Not required  
**Adjacencies:**  
    Direct: Training Workbays  
    Adjacent: Maintenance Office  
            Tool Room  
            Battery  
    Separation: Classrooms  
                Offices  
**Finishes:**  
    Floor: Concrete with hardener/sealer  
    Walls: CMU - paint  
    Base: Rubber  
    Ceiling: Exposed - paint  
    Clg. Ht.: 9 ft  
**Doors:** 16 gauge steel doors with 14 gauge frames  
**Special Loading:** None  
**Plumbing:** None  
**HVAC:** Heating and ventilation, Minimum Ventilation 1.0 air change/hour  
**Lighting:** 10-30 FC  
**Power:** Per code  
**Communications:** None  
**Fixed Equipment:** None  
**Furnishings:** Shelving



<b>Room Name:</b>	<b>Tool Room</b>
<b>Target Area:</b>	<b>200 sf</b>
<b>Function:</b>	Storage of tools used for unit-level and operator maintenance of tracked and wheeled vehicles
<b>Fenestration:</b>	None
<b>Adjacencies:</b>	
Direct:	Training Workbays
Adjacent:	Maintenance Office Supply Battery
Separation:	Classrooms, Offices
<b>Finishes:</b>	
Floor:	Concrete with hardener/sealer
Walls:	CMU - paint
Base:	Rubber
Ceiling:	Exposed - paint
Clg. Ht.:	9 ft
<b>Doors:</b>	16 gauge steel doors with 14 gauge frames
<b>Special Loading:</b>	None
<b>Plumbing:</b>	None
<b>HVAC:</b>	Heating and ventilation, Minimum Ventilation 3.0 air change/hour
<b>Lighting:</b>	10-30 FC
<b>Power:</b>	110V duplex wall receptacles per code
<b>Communications:</b>	None
<b>Fixed Equipment:</b>	None
<b>Furnishings:</b>	Shelving



<b>Room Name:</b>	<b>Flammable Materials</b>
<b>Target Area:</b>	<b>150 sf</b>
<b>Function:</b>	Used for temporary storage of flammable materials including small quantities of petroleum-based lubricants, solvents, and paint
<b>Fenestration:</b>	Gravity venting to the exterior to prevent accumulation of vapors
<b>Adjacencies:</b>	
Direct:	Exterior
Adjacent:	Training Workbays Maintenance Office Tool Room Maintenance Supply Room
Separation:	Classrooms Offices
<b>Finishes:</b>	
Floor:	Concrete with hardener/sealer
Walls:	CMU - paint
Base:	Rubber
Ceiling:	Exposed - paint
Clg. Ht.:	9 ft
<b>Doors:</b>	16 gauge steel door with 14 gauge frame to exterior. 4in high curb or depression at threshold for spill containment
<b>Special Loading:</b>	None
<b>Plumbing:</b>	None
<b>HVAC:</b>	3.0 air changes/hour. Tempering heat and ventilation.
<b>Lighting:</b>	Class 1, Division 1, explosion-proof, 30FC
<b>Power:</b>	None
<b>Communications:</b>	None
<b>Fixed Equipment:</b>	None
<b>Furnishings:</b>	Shelving, cabinet



**Room Name:** Controlled Waste

**Target Area:** 300 sf

**Function:** Storage of waste material that for safety or security must be secured

**Fenestration:** None

**Adjacencies:**

Direct: Training Workbays

Adjacent: Maintenance Office  
Supply  
Battery

Separation: Classrooms  
Offices

**Finishes:**

Floor: Concrete with hardener/sealer  
Epoxy coating as state-funded alternate

Walls: None/Fencing/CMU - paint

Base: None

Ceiling: Exposed –paint

Clg. Ht.: 9 ft

**Doors:** Galvanized steel gates

**Special Loading:** None

**Plumbing:** None

**HVAC:** 3.0 air changes/hour.

**Lighting:** 10FC

**Power:** None

**Communications:** None

**Fixed Equipment:** None

**Furnishings:** None

**Remarks:** May be either attached to the Readiness Center or a free-standing element



**Room Name:** Library/Classroom

**Target Area:** 300 sf

**Function:** Accommodates NG training publications, reference material, and provides a small classroom/seminar area

**Fenestration:** Natural light

**Adjacencies:**

Direct: Learning Center (see Remarks)

Adjacent: Other Classrooms

Separation: Training Workbays

**Finishes:**

Floor: Carpet tile

Walls: GWB - paint

Base: Rubber

Ceiling: Acoustic tile; GWB soffit - paint

Clg. Ht.: 10 ft

**Doors:** Solid core wood doors with vision lite/relite

**Special Loading:** None

**Plumbing:** None

**HVAC:** HVAC, Minimum Ventilation 10 cfm/person

**Lighting:** 40-50fc

**Power:** 2 - 110V duplex receptacles per wall

**Communications:** 2 - voice/data outlet per wall

**Fixed Equipment:** 4x16 marker board with tray and tack strip; 4 x 4 tack board; shelving units as required; projection screen; ceiling-mounted projector

**Furnishings:** Conference table with 12 chairs; roller shades

**Remarks:** Ideally contiguous with Learning Center



**Room Name:** Learning Center  
**Target Area:** 300 sf  
**Function:** Accommodates NG training publications, reference material, and provides a small individual study area  
**Fenestration:** Natural light  
**Adjacencies:**  
Direct: Library (see Remarks)  
Adjacent: Other Classrooms  
Separation: Training Workbays  
**Finishes:**  
Floor: Carpet tile  
Walls: GWB - paint  
Base: Rubber  
Ceiling: Acoustic tile; GWB soffit - paint  
Clg. Ht.: 10 ft  
**Doors:** Solid core wood doors with vision lite/relite  
**Special Loading:** None  
**Plumbing:** None  
**HVAC:** HVAC, Minimum Ventilation 10 cfm/person  
**Lighting:** 40-50fc  
**Power:** Per code; 1 - 110V duplex receptacles per carrel  
**Communications:** One voice/data outlet per carrel  
**Fixed Equipment:** 4x4 marker board with tray and tack strip; shelving units as required  
**Furnishings:** 4 individual pre-wired MOS study carrels with chair; roller shades  
**Remarks:** Ideally contiguous with Library/Classroom



<b>Room Name:</b>	<b>Classroom: Small</b>
<b>Target Area:</b>	<b>500-600 sf ea</b>
<b>Function:</b>	Instructional training of personnel, small group meetings and conferences
<b>Fenestration:</b>	Natural light
<b>Adjacencies:</b>	
	Direct: Circulation
	Adjacent: Administration Break/Vending Other Classrooms
	Separation: Training Workbays
<b>Finishes:</b>	Floor: Carpet tile
	Walls: GWB/CMU - paint
	Base: Rubber
	Ceiling: Acoustic tile; GWB soffit - paint
	Clg. Ht.: 10 ft
<b>Doors:</b>	Solid core wood door; relite to corridor to indicate occupancy
<b>Special Loading:</b>	None
<b>Plumbing:</b>	None
<b>HVAC:</b>	HVAC, Minimum Ventilation 10 cfm/person
<b>Lighting:</b>	40-50 FC; 2-level lighting, separately switched wall-wash lighting on focus wall
<b>Power:</b>	Per code; Power for AV in addition to 2 - wall-mounted 110V quad receptacles per row of student tables.
<b>Communications:</b>	4 - voice/data outlets in floor per row of student tables.
<b>Fixed Equipment:</b>	4x16 marker board with tray and tack strip; 4 x 4 tack board; projection screen; ceiling-mounted projector
<b>Furnishings:</b>	Tables with 24 chairs; roller shades



**Room Name:** Classroom: Large  
**Target Area:** 1000-1200 sf ea  
**Function:** Instructional training of personnel, large group meetings and conferences. Divisible into 2 smaller rooms using acoustic folding partitions  
**Fenestration:** Natural light  
**Adjacencies:**  
Direct: Storage  
Adjacent: Other Classrooms  
Administration  
Break/Vending  
Separation: Training Workbays  
**Finishes:**  
Floor: Carpet tile  
Walls: GWB/CMU - paint  
Base: Rubber  
Ceiling: Acoustic tile  
Clg. Ht.: 10 ft  
**Doors:** Solid core wood door; relite to the corridor is desired to indicate occupancy.  
**Special Loading:** None  
**Plumbing:** None  
**HVAC:** HVAC, Minimum Ventilation 10 cfm/person  
**Lighting:** 40-50 FC; 2-level lighting, separately switched wall-wash lighting on focus wall  
**Power:** 48 double duplex 110V conditioned power in floor  
Dedicated power for AV equipment  
110V per code in walls; 110V quad receptacle at podium  
**Communications:** 48 voice/data outlets in floor  
Voice/data at podium  
**Fixed Equipment:** 4x16 marker board with tray and tack strip; 4 x 4 tack board; projection screen; ceiling-mounted projector; 1 instructor's podium with camera, 2 ceiling-mount video projectors, 2- projection screens, audio speaker system, IR assisted listening; folding partition (STC = 52)  
**Furnishings:** tables with 32 chairs; roller shades  
**Remarks:**



<b>Room Name:</b>	<b>Table &amp; Chair Storage</b>
<b>Target Area:</b>	<b>550 sf</b>
<b>Function:</b>	Storage of student tables and chairs
<b>Fenestration:</b>	None
<b>Adjacencies:</b>	
Direct:	Assembly
<b>Finishes:</b>	
Floor:	Concrete with hardener/sealer
Walls:	GWB - paint
Base:	Rubber
Ceiling:	Exposed - paint
Clg. Ht.:	10 ft
<b>Doors:</b>	Standard double
<b>Special Loading:</b>	None
<b>Plumbing:</b>	None
<b>HVAC:</b>	Heating and ventilation, Minimum Ventilation .25 cfm/sq. ft.
<b>Lighting:</b>	10 fc
<b>Power:</b>	None
<b>Communications:</b>	None
<b>Fixed Equipment:</b>	None
<b>Furnishings:</b>	None
<b>Remarks:</b>	None



**Room Name:** AV Storage  
**Target Area:** 150 sf  
**Function:** Storage of instructional media equipment  
**Fenestration:** None  
**Adjacencies:**  
Direct: Classrooms  
Adjacent: None  
Separation: None  
**Finishes:**  
Floor: Carpet tile  
Walls: GWB - paint  
Base: Rubber  
Ceiling: Acoustic tile or GWB - paint  
Clg. Ht.: 10 ft  
**Doors:** Standard  
**Special Loading:** None  
**Plumbing:** None  
**HVAC:** HVAC, Minimum Ventilation .25 cfm/sq. ft.  
**Lighting:** 10 fc  
**Power:** Per code  
**Communications:** None  
**Fixed Equipment:** None  
**Furnishings:** None  
**Remarks:** Divide square footage equally and locate in ea. classroom



<b>Room Name:</b>	<b>Training Aid Storage</b>
<b>Target Area:</b>	<b>140 sf</b>
<b>Function:</b>	Storage of military training aids
<b>Fenestration:</b>	None
<b>Adjacencies:</b>	
Direct:	Assembly
<b>Finishes:</b>	
Floor:	Concrete with hardener/sealer
Walls:	GWB - paint
Base:	Rubber
Ceiling:	Acoustic Tile
Clg. Ht.:	10 ft
<b>Doors:</b>	Solid core wood
<b>Special Loading:</b>	None
<b>Plumbing:</b>	None
<b>HVAC:</b>	HVAC, Minimum Ventilation .25 cfm/sq. ft.
<b>Lighting:</b>	10 fc
<b>Power:</b>	None
<b>Communications:</b>	None
<b>Fixed Equipment:</b>	None
<b>Furnishings:</b>	None



**Room Name:** Facilities Maintenance & Storage  
**Target Area:** 1,655 sf  
**Function:** Storage of janitorial equipment, supplies, and building maintenance equipment  
**Fenestration:** Natural light from tubular skylights  
**Adjacencies:**  
Direct: Exterior  
Adjacent: Mechanical  
Loading Dock  
Separation: Classrooms  
Offices  
**Finishes:**  
Floor: Concrete with hardener/sealer  
Walls: GWB - paint  
Base: Rubber  
Ceiling: Exposed - paint  
Clg. Ht.: 10 ft  
**Doors:** 16 gauge steel doors with 14 gauge frames. OH doors opening to loading area  
**Special Loading:** None  
**Plumbing:** None  
**HVAC:** HVAC, Minimum Ventilation .25 cfm/sq. ft.  
**Lighting:** 10-30 fc  
**Power:** 1 - 110V duplex receptacle per wall; 2 - 110V duplex receptacles at DDC station  
**Communications:** Dedicated voice/data for DDC station  
**Fixed Equipment:** None  
**Furnishings:** None  
**Remarks:** None



<b>Room Name:</b>	<b>Toilets</b>
<b>Target Area:</b>	<b>Varies</b>
<b>Function:</b>	Personal hygiene
<b>Fenestration:</b>	Potentially clerestory for natural lighting, w/ etched glass
<b>Adjacencies:</b>	
Direct:	Corridor
Adjacent:	Assembly Classrooms Offices Break/Vending
<b>Finishes:</b>	
Floor:	Ceramic tile
Walls:	Ceramic tile wainscot to 5'; Veneer Plaster - paint
Base:	Ceramic tile
Ceiling:	Veneer Plaster - paint
Clg. Ht.:	9 ft
<b>Doors:</b>	Standard required for exiting
<b>Special Loading:</b>	None
<b>Plumbing:</b>	Wall-hung water closets, countertop lavatories, and urinals per UPC, floor drains
<b>HVAC:</b>	HVAC, Minimum Ventilation 50 cfm exhaust per WC/urinal or 1.0 cfm/sq.ft.
<b>Lighting:</b>	10-15 fc
<b>Power:</b>	Per code
<b>Communications:</b>	None
<b>Fixed Equipment:</b>	Partitions, toilet accessories
<b>Furnishings:</b>	Supply cabinet



<b>Room Name:</b>	<b>Toilet/Showers</b>
<b>Target Area:</b>	<b>2460 sf</b>
<b>Function:</b>	Personal hygiene with individual showers
<b>Fenestration:</b>	None
<b>Adjacencies:</b>	
Direct:	Lockers
Adjacent:	Training Workbays Unit Storage
<b>Finishes:</b>	
Floor:	Ceramic tile
Walls:	Ceramic tile wainscot to 5' (full height in showers); Veneer Plaster - paint
Base:	Ceramic tile
Ceiling:	Veneer Plaster - paint
Clg. Ht.:	9 ft
<b>Doors:</b>	Standard for exiting
<b>Special Loading:</b>	None
<b>Plumbing:</b>	Wall-hung water closets, countertop lavatories, and urinals, wall showers per UPC, floor drains
<b>HVAC:</b>	HVAC, Minimum Ventilation 50 cfm exhaust per WC/urinal or 1.0 cfm/sq.ft.
<b>Lighting:</b>	10-15 fc, moisture-proof in showers
<b>Power:</b>	Per code
<b>Communications:</b>	One voice outlet
<b>Fixed Equipment:</b>	Partitions, toilet accessories
<b>Furnishings:</b>	Drying benches



**Room Name:** Mechanical/Electrical/Telecom  
**Target Area:** 3310 sf  
**Function:** Enclosed area housing building systems. Separate space provided for electrical closets and communications closets  
**Fenestration:** Louvers/venting for HVAC and exhaust  
**Adjacencies:**  
Direct: Exterior  
**Finishes:**  
Floor: Concrete with hardener/sealer  
Walls: CMU/GWB - paint  
Base: Rubber  
Ceiling: Exposed - paint  
Clg. Ht.: 9 ft  
**Doors:** Standard double  
**Special Loading:** HVAC equipment  
**Plumbing:** As required for domestic water service and hydronic boilers, backflow preventer, floor drains and sinks where required  
**HVAC:** HVAC, Minimum Ventilation 10 cfm/person ; Vented per code  
**Lighting:** 20 fc  
**Power:** As necessary for systems/equipment. 110V for housekeeping  
**Communications:** Dedicated DDC connections  
**Fixed Equipment:** As required for system design  
**Furnishings:** None  
**Remarks:** Stacked over/under if multiple story



**Room Name:** Secure IT (SIPRNET)  
**Target Area:** 2400 sf  
**Function:** Administrative office for use of secure / classified computer network  
**Fenestration:** Natural lighting with visual and radiation protection  
**Adjacencies:**  
    Direct: -  
    Adjacent: Administrative Offices  
    Separation: Training Workbays  
**Finishes:**  
    Floor: Carpet tile  
    Walls: GWB/CMU - paint  
    Base: Rubber  
    Ceiling: Acoustic tile  
    Clg. Ht.: 9 ft  
**Doors:** Lockmaster LKM7003A – See appendix 2 F  
**Special Loading:** None  
**Plumbing:** None  
**HVAC:** HVAC, Minimum Ventilation 10 cfm/person; security bars within ductwork  
**Lighting:** 40-50 fc  
**Power:** Per code and as required for equipment and networking  
**Communications:** As required for equipment and networking  
**Fixed Equipment:** None  
**Remarks:** 900 lb safe; computer racks / shelving; wire mesh behind wall and ceiling surfaces  
Floor, Wall & Ceiling = STC 45



**Room Name:** Training Device / Simulation  
**Target Area:** 1840 sf  
**Function:** Enclosed area housing simulation equipment  
**Fenestration:** none  
**Adjacencies:**  
Direct: Exterior  
**Finishes:**  
Floor: Concrete with hardener/sealer  
Walls: CMU/GWB - paint  
Base: Rubber  
Ceiling: Exposed - paint  
Clg. Ht.: 9 ft  
**Doors:** Solid core wood acoustic isolation doors  
**Special Loading:** HVAC equipment  
**Plumbing:** Floor drain for air compressor  
**HVAC:** HVAC, Minimum Ventilation 10 cfm/person  
**Lighting:** 30-50 fc  
**Power:** As necessary for systems/equipment. 110V for housekeeping  
**Communications:** As required for equipment  
**Fixed Equipment:** As required for equipment  
**Furnishings:** None  
**Remarks:** depressed slab/floor for foxhole simulation. Provide recessed slab for low-profile access flooring & enclosure for air compressor.