

# **CONSTRUCTION SPECIFICATIONS**

**THE U.S. ARMY CORPS OF ENGINEERS**

**FOR**

**ARMY/NAVY/AIR FORCE/MARINE CORPS**

**IN**

**SLIDELL, LA**

**NAME: MATTHEW GOOLSBAY  
TITLE: REALTY SPECIALIST**

**A. BID DUE DATE: 14-DEC-2012**

**B. SUMMARY:**

1. Unless otherwise specified herein, the contractor shall provide all supplies, personnel, equipment, tools, materials, supervision, and other items or services necessary for the maintenance and repair of buildings and structures and related systems and equipment as defined in this scope.
2. Build-out shall include but not be limited to the following:
  - a. Carpentry and Masonry – floors, tiles, carpet, baseboards, walls, ceilings, trim, doors, shades, cabinets, molding, windows, and signs.
  - b. Painting.
  - c. Plumbing – water heaters, sinks toilets, urinals, faucets, and drinking fountains.
  - d. Electrical – service connections, panels, outlets, switches, circuits, lighting fixtures, faceplates, receptacles, light bulbs, and lamps.
  - e. Heating, Ventilation and Air Conditioning – heating equipment and air conditioning equipment.

**C. GENERAL REQUIREMENTS:**

1. The quality of leased space shall afford energy/functional efficiencies and economical performance of required activities in a safe and healthful working environment and shall project a positive image of the Military Service. These documents provide detailed alteration specifications that should be used in meeting quality requirements for recruiting facilities. They will be adhered to unless local construction standards or the Lessor mandates a standard that is equal to or above that of the Government. Any deviations from these Construction Specifications must be approved by the Army Corps of Engineers. No representative of any military recruiting service (including recruiters) are authorized to request change orders, or make requests to deviate from the Construction Specifications; the only authorized agency to deviate from the Construction Specifications or to make change orders is the Army Corps of Engineers.
2. The bid must be inclusive of the following: Build-out of Army, Navy, Air Force, and Marine Corps recruiting offices.
3. The Lessor will be responsible for permitting, constructing, operating, and maintaining the facility in accordance with the solicitation requirements. Prior to award of a lease for space requiring alterations, dimensioned, architectural drawings with square foot allocations by military service and common area will be provided. These drawings will show at a minimum, wall, door, window placement and finish schedules. The Lessor is responsible for coordinating with the Corps of Engineers in the development and generation of these drawings. Electrical, mechanical, plumbing diagrams and communication layouts can be furnished on separate drawings. Note: A reduction of these drawings to a 8 ½ x 11 format along with construction specifications shall become an exhibit of the lease and will serve as a basis to resolve any issues of variance which may subsequently arise.
4. Codes and Standards: The facility must comply with all Federal, State and local construction standards, building codes and applicable laws. Any variance from these guidelines must have prior approval by the authority having jurisdiction. Where conflicts between standards arise, the build-out of the recruiting office must comply with the most stringent requirements.
5. Only Energy Star® labeled components and natural resource conserving/recyclable products shall be installed. Components must be in the upper 25 percent of efficiency for all similar products as designated by the Department of Energy's Federal Energy Management Program.
6. Contractor shall be responsible for clean-up of all debris to be disposed of in Lessor-provided dumpsters.
7. Contractor shall provide for unloading and storage of all material and equipment required for the scope of work.
8. Contractor shall furnish and install temporary protection of all work areas to keep fumes, dust and all other construction-generated debris confined to the work areas. Contractor understands that all work shall be performed per plans and specifications only and that all existing finishes, materials, and assemblies are to be protected and preserved. Contractor shall provide for protection of all existing surfaces by whatever means

necessary. Contractor will be responsible for the cost to repair damage caused by Contractor and Contractor's employees to any existing finishes, materials, and assemblies.

#### **D. MECHANICAL**

1. Utilities: Utility and mechanical service facilities, if located within the leased space, shall be enclosed. Exposed ducts, piping and/or conduit runs are not permitted outside the utility rooms. This enclosed room may NOT, under any circumstances, be co-used for other purposes.
2. Heating, Ventilation and Air Conditioning (HVAC)
  - a. If existing, the present HVAC system shall be balanced to accommodate the floor plan and operational needs of each military service. If not otherwise stipulated, the HVAC equipment shall be capable of maintaining a minimum temperature of 70 degrees Fahrenheit during the heating season and a maximum of 78 degrees Fahrenheit during the cooling season. These temperatures must be maintained throughout the leased premises regardless of outside temperature. Areas that may be affected by solar radiation, either excessive heat gain/loss, shall be accounted for by the Lessor within the design of the HVAC system. Note: every effort shall be made to design, within the constraints of the existing HVAC system, individual temperature controlled thermostats to each military office; the HVAC system design shall be in conformance with local, commercial temperature standards and operating practices. The contractor will coordinate with the Army Corps of Engineers on the determination of acceptable thermostat(s); a digital, 7-day programmable, code-protected thermostat is preferred.
  - b. Ventilation to the leased space shall be provided in the most energy efficient and cost-effective manner. It will meet or exceed all applicable building code standards for air-exchange rates and distribution. New HVAC components must meet Department of Energy and Environmental Protection Agency criteria for use of the Energy Star trademark label or are in the upper 25 percent of efficiency for all similar products as designated by the Department of Energy's Federal Energy Management Program.
  - c. Ceiling Fans: Furnish and install fans, including motors, switches brackets and related mounted hardware, to adequately cover floor area within the Military Recruiting Offices according to Enclosure #1. All equipment to be securely fastened to the building structure with appropriate safeguarding and safety wires. Fans are to be independently controlled via a variable controller mounted to match height of existing light switches. Fans will be powered from an existing electrical panel. Contractor to field verify conditions, voltage, available breakers and capacity. Fans to be mounted to the existing roof I-beams (where possible) utilizing manufacturer recommended hardware. Safety cable to be installed on each fan housing and components for protection.

#### **E. PLUMBING**

1. The Lessor shall provide hot and cold potable water, and shall verify the existing water supply meets all potable water standards. If deficient, the Lessor will be responsible for providing an acceptable, alternate water supply. In areas serviced by well water the Lessor shall install and maintain an appropriate water purification system to ensure water is free from foul odor and taste. In-line water heaters should be strongly considered when found to be the most energy efficient means of providing hot water. The water heating system shall produce and maintain a hot water temperature of 105 degrees for restrooms and the janitorial mop service sink. If installed, natural gas water heater must be secured from public access.
2. Restrooms: One male and one female restroom will be provided. See attached floor plan for plumbing placement. Restrooms shall contain the following plumbing fixtures and square footage:
  - a. Men's: 100 sq. ft., 1 commercial water closet, 1 urinal, 1 sink
  - b. Women's: 64 sq. ft., 1 commercial water closet, 1 sink
3. Potable (drinkable) water is to be supplied through a chilled water fountain located within the leased premises or within 150' thereof. Location is referenced on floor plan.
4. Janitorial Closet: shall contain 1-mop sink and service faucet with a hot and cold water supply.

#### **F. ELECTRICAL**

1. Electrical Distribution: Each electrical circuit shall be 20 amp rated or greater as defined by the National Electrical Code (NEC). Quadplex outlets spaced a minimum of 8-feet apart shall be installed in offices, test rooms, foyers and at desk top level as delineated on the floor plans.
  - a. The Army, Navy, and Air Force's storage room will have quadplex outlets spaced at 6-foot intervals with one as a dedicated outlet. Electrical faceplate for all outlets shall be standard white.
  - b. The Marine Corps suite: Provide grounded 3-prong 120v outlets at MINIMUM 6 foot intervals in walls. Electrical faceplate for all outlets shall be: Leviton Gray color or equivalent standard industrial medium gray color plastic.
2. Interior Lighting: Light fixtures shall be capable of producing and maintaining a uniform lighting level of a minimum of 35 foot-candles of illumination at working surface height in all office spaces. All other non-working areas will have a minimum of 30 foot-candles of illumination at floor level.
  - a. Fluorescent: Lighting provided by the Lessor in all office, hallways, display areas and test rooms will be 18 cell parabolic, 2x4, energy efficient, recessed fluorescent light fixtures with electronic ballast, and utilize warm white lamps. In lavatories and rooms requiring smaller scaled fixtures, similar 2x2 energy efficient, recessed fluorescent fixtures will be provided.
  - b. Compact Fluorescent Lamps (CFL): Shall be installed in mechanical rooms, janitorial closets and other working areas as needed.
  - c. Track Lighting:
    - 1) Marine Corps: To reinforce the standard office lighting, 120v line voltage track lighting is placed on the ceiling parallel to the walls where photo boards, transformation panels, "MARINES" wall graphic, and EGA wall graphic are located. If storefront graphics are planned, these should also be illuminated. Track light fixtures should be of very basic cylindrical design, and placed at maximum 24" intervals, approximately 36" (minimum 18") away from the wall in order to provide even illumination of wall display or wall graphic. Track lights shall be wired to separate wall-mounted on-off switches. Minimum number of fixtures to be based on above diagram (linear feet refers to actual length of track). Minimum track length for each wall or storefront window being illuminated is 80% of width of wall or width of storefront window area. Location of track lighting will be indicated on the floor plan.
      - a) Product Specifications:
        - i) Power: 120V (Line voltage).
        - ii) Separate 15A circuit and ON-OFF switch for all track lights. Switch to be located near main door.
        - iii) Track and fixture finish shall be white.
        - iv) Recommended Lamps: 50W max medium base CFL wide flood type.
      - 2) Air Force: Track lighting to be ceiling mounted, approximately 36" from wall and utilize standard 120-volt system with wall mounted on-off switches. Color Finish: White. Location, number of lights/tracks as referenced on lighting/floor plan. Track lighting is to emphasize wall and/or window graphics.
      - 3) Army/Navy: Suites do not receive track lighting.
3. Exterior Lighting
  - a. The Lessor will ensure building entrances and designated government parking areas use energy efficient lighting with a minimum illumination of 3 foot-candles/square foot at ground level.
  - b. Rear Exit, if applicable: When Government-owned-vehicles (GOV's) are to be parked adjacent to the rear exit of the recruiting office, if not already present, an exterior security light shall be installed by the Lessor. Light fixture to be high-pressure-sodium, 150 watts or greater, with 'dusk-to-dawn' light sensor and manual override.
4. Switches: Shall be standard, commercial grade.

5. Emergency Lighting: Shall be installed with extended, maintenance-free, sealed batteries on walls or ceilings to maintain illumination throughout the means of egress (exit). A minimum of one emergency light per military service will be provided. The unit(s) will be hardwired to maintain an adequate charge on battery pack; be UL listed and shall be neutral in color.
6. Entry Bell: The Lessor will install a hard-wired entry alert door chime to all front, and secondary exterior doors. The system shall be installed to ensure the door chime is operated by the opening of the door and shall have a tone acceptable for an office environment. Main entry and secondary exit door chimes should be distinguished from one another upon activation.
7. Commercial grade occupancy sensors shall be installed in Recruiter-in-Charge offices, test rooms, storage rooms, restrooms, and janitorial closets. They must be located where they will detect occupants or occupant activity in all parts of the room.
8. Note: Wall mounted fixtures such as thermostats, wall switches, light sensors; emergency lighting should be placed free and clear of graphic walls. Contractor (architect) will coordinate placement with Corps of Engineers representative.

## **G. COMMUNICATIONS**

1. Telephone Equipment: The telephone demarcation point provided by the Lessor must be easily accessible, shall be capable of supplying the required phone service to each military office and be so installed as to provide easy activation by the military phone service, provider(s). The Lessor shall coordinate with the Army Corps of Engineers' representative on the number of required phone lines for each military service. Additionally, within each services storage room the Lessor will install a  $\frac{3}{4}$ " wall mounted plywood backboard, 4'-0" x 6'-0"H, 24-36 inches above finished floor (AFF), painted to match adjacent walls. Backboard will have 36 inch front clearance to facilitate access. A dedicated outlet (see Para. F.1.) and backboard shall be same wall installed with isolated ground within two (2) feet of backboard. Note: if available, an equivalent standard for isolated electrical ground installation is acceptable.
2. Telecommunication outlets shall be installed adjacent to electrical outlets in all office, test room and general work areas. These telecommunication outlet boxes shall be double-ganged; each connected by  $\frac{3}{4}$ " conduit with two (2) pull-strings (for telephone and/or other high-speed, internet access) with a standard white blank cover plate. Note: It is each military service's responsibility to coordinate with the Lessor and to install or contract for installation all required telephone and telecommunications equipment, including cable, wiring and wall jacks to their respective office areas.

## **H. SAFETY AND FIRE EQUIPMENT**

1. The Lessor shall be responsible for any required remediation of the fire protection system for fire code compliance.
2. Exit signs shall be placed at doors and/or exit ways that open to areas exterior from each recruiting office. Signs shall be hardwired, UL listed, have 6 inch high lettering with backup batteries which shall provide at least 1-1/2 hours of power to light as per NFPA 101. Mounting: Must be capable of ceiling, wall or end mounting; either single or double faced as required. The sign must utilize long-life LED lamps and self-diagnostics.
3. One, 10-lb. ABC dry-chemical fire extinguisher with semi-recessed protective cabinet (painted to match adjacent wall) shall be installed within each military recruiting office and rear common area, if existing. Mounting height of protective cabinet should be 48 to 52 inches AAF (or as dictated by local building code regulations) with maximum distance of travel to fire extinguisher of 75 feet.
4. Ionized Smoke Detector-Alarm: The Lessor shall ensure the location and installation of all smoke detectors are in accordance with manufacturer's recommendations for coverage area. At a minimum, at least one hardwired, 120-volt smoke alarm with lithium battery backup and test function shall be installed in each military recruiting office, common area and janitorial storage/closet area. The alarm will be UL approved and capable of emitting an audible alarm of at least 85 dB at 10 feet.
5. Fire Dept. Lock-box: Where required by code for emergency access, the Army Corps of Engineers and Lessor shall coordinate and provide access keys to Government leased space.



d)  
Mfr Sherwin-Williams  
Mfr Color Code United States Marine Corps Recruiting White  
Finish Latex Eggshell  
Applied 2 coats applied over appropriate primer  
Alternate C2 Paint Co. #7251 Parchment

Note: Red and blue walls require a minimum of four days (96 hours) complete curing and drying time occur before application of vinyl wall graphics can occur. Paint drying time may need to be extended in cool or cold climates.

Storage Room and Test Room:

Mfr Sherwin-Williams  
Mfr Color Code United States Marine Corps Recruiting White  
Finish Latex Eggshell  
Applied 2 coats applied over appropriate primer  
Alternate C2 Paint Co. #7251 Parchment

All doors, door frames, window frames within the space:

Mfr Sherwin-Williams  
Mfr Color Code United States Marine Corps Recruiting Grey  
Finish Semi-gloss  
Applied 2 coats applied over appropriate primer  
Alternate C2 Paint Co. #467 Jailhouse Rock

- |    |   |                                 |                           |                            |
|----|---|---------------------------------|---------------------------|----------------------------|
| 3) | Air Force Office:   | Standard Walls Above Chair Rail | Chair Rail & Below        | Accent Wall "Blue Field"   |
|    | Mfr:  | ICI/Glidden                     | ICI/Glidden               | ICI/Glidden                |
|    | Color:  | White Wisteria #70BB 73/020     | Grey Pennant #30BB 31/022 | Subzero Blue #50 BB 08/257 |
|    | Finish:   | Latex-Satin                     | Latex-Satin               | Order # A1393              |
|    | Trim-only:  | Semi-gloss                      | Semi-gloss                | Latex-Satin                |
|    | Coats:  | 2                               | 2                         | 2                          |
|    | Note #1: Accent wall to be applied as referenced on floor plan/finish schedule    |                                 |                           |                            |
|    | Note #2: Chair rail and wall areas under chair rail will be painted Grey Pennant. |                                 |                           |                            |
| 4) | Navy Office   | Standard Walls                  | Below Chair Rail          | Chair Rail Finish          |
|    | Mfr:  | Sherwin Williams                | Sherwin Williams          | Sherwin Williams           |
|    | Color:  | Extra White #7006               | Navee #1511               | Confident Yellow #6911     |
|    | Finish:   | Latex-Satin                     | Latex Satin               | Semi-gloss                 |
|    | Standard Trim-only:   | Semi-gloss                      |                           |                            |
|    | Coats:  | 2                               | 2                         | 2                          |
| 5) | Army Office:  |                                 | <b>Accent Wall:</b>       |                            |
|    | <b>Standard Walls:</b>  |                                 | N/A                       |                            |
|    | Mfr: Benjamin Moore   |                                 |                           |                            |
|    | Color: Bone White 03  |                                 |                           |                            |
|    | Finish Latex-Satin  |                                 |                           |                            |
|    | Trim-only: Semi-gloss   |                                 |                           |                            |
|    | Coats: 2  |                                 |                           |                            |

3. Windows:

a. Exterior: New windows shall be Energy Star, low-emissive windows and weather tight. If operable, windows shall be equipped with lock assemblies. Window unit(s) that cannot be secured must be replaced.

- 1) Glass fragment retention film: IMPORTANT: All windows and doors (exterior to the leased space) shall have fragment retention film applied in accordance with manufacturer's instructions. Film shall meet the DOD Very Low Hazard Level performance criteria. It shall be installed by a certified installer with DOW Corning 995 Ultraflex Window Silicone Structural Adhesive Anchoring System, or if unacceptable to Lessor, installation to be Pentagon Protection-Elite Flexible Anchoring System. Under NO circumstances are standard caulk compounds to be utilized. Note: If DOW Corning 995 anchoring caulk is utilized, color of caulk should compliment existing framing system and caulk shall be applied only after the window has been masked with 1" wide, 3M Blue "safe release tape" applied to both film and window frame to assure a

clean, gasket-like appearance when tape is removed. Note: For 'wooden window-door frame systems', anchoring caulk need not be applied to glass fragment retention film edges. Film can be either optically clear or, if approved by Lessor; with light gray tint. Equivalent film that meets or exceeds 3M Scotchshield, Ultra Safety & Security Window Film, SCLARL400 Superior Strength Clear or S50NEAR400 Superior Strength Light Neutral may be substituted with prior approval of the Army Corps of Engineers. If selected, for installation, government pricing-expedited delivery is available from; Window Film Depot, P.O.C. Patrick Coyle, 866-933-3456; email: [patrick@windowfilmdepot.com](mailto:patrick@windowfilmdepot.com).

- 2) Low-emissivity (low-E) plastic film: Existing windows and doors (exterior to the leased space) shall have low-E film applied in accordance with manufacturer's instructions.
- 3) Blinds: All exterior windows shall be equipped with blinds having non-corroding mechanisms and synthetic tapes. Each window shall have its own individual blind. Blinds shall be Hunter Douglas, Color: 127 Linen Flirt, .008 thicknesses with 1" wide slat. If window(s) cannot be equipped with blinds because of their unique size or shape, in place thereof with prior approval of the Army Corps of Engineers, a translucent window film to achieve a frosted-glass effect shall be applied. 3M Fasara Interior Design Film, SH2EM LA Lausanne is acceptable. If installed, this film will be applied directly onto the fragment retention film. Note: If existing, glass block requires no window covering.

b. Interior: A 3'-0"H x 4'-0"W fixed, safety-glass window, meeting all safety code requirements, set in metal frame, shall be installed at a height of 40" AFF. Window frames shall match interior door frames in style, color and material.

- 1) Interior walls of hallways: shall be equipped with blinds that meet the standards referenced above. Note: Ganged windows along hallways are acceptable if appropriate.
- 2) Recruiter-in-Charge office(s): shall be equipped with blinds that meet the standards referenced above. Note: if an in-wall window cannot or should not be provided, a full-length glass door shall be installed. Anchors for blinds shall be installed at bottom of windows within doors where applicable.
- 3) Test Room(s): Except for the Marine Corps, test rooms shall be provided an individual window as indicated on the floor plan. Blinds are not to be installed for these windows. Note: if an in-wall window cannot or should not be provided, a full-length glass door shall be installed.

#### 4. Doors:

- a. Exterior: All exterior doors shall be weather-tight, with Grade 1 hardware. If removable, all door hinge pins exposed to the outside exterior of the office premises will be secured to prevent manual removal. Fragment retention film, frosted glass film, and low-e emissive film shall be installed on all exterior glass doors.
  - 1) Main entrance: Main entry door to office shall be metal-framed glass to match adjacent storefront window system. Doors shall be equipped with dead-bolt lock-set, automatic door closer and entry alert door chime system. (See Para. F.6. entry bell). Frosted glass film: All exterior glass doors shall be equipped with translucent window film to achieve a frosted-glass effect. 3M Fasara Interior Design Film, SH2EM LA Lausanne is acceptable. If installed, this film will be applied directly onto the fragment retention film.
  - 2) Secondary exits: Doors shall be equipped with the following: an automatic door closer with a dead bolting panic bar-Securitech, Model#: TEL200, TEL-KLT, TELEP1; entry alert door chime system (see para. F.6. entry bell); and a door view/peep hole with 180 degree viewing range, approximate installation height; 5'-0" AAF.
  - 3) Before delivery and acceptance of the space, all previous existing exterior door-locks shall be re-keyed. The Lessor will be responsible for coordinating with the Army Corps of Engineers on the number of new keys required to be furnished to each military service.
- b. Interior: Unless otherwise noted, all interior doors will be a solid-core, flat panel, pre-hung wood unit with metal door frame, door stop and shall be a minimum thickness 1-5/8", solid core, 36"x80". Hardware sets including door handles/knobs shall be Grade 2 or better with brushed, stainless steel finish or finish to comply with existing standards.

- 1) Common area interior access doors to each military service shall be separately keyed from other areas in accordance with the interior door schedule. The Lessor will be responsible for coordinating with the Army Corps of Engineers' on the number of keys required to be furnished to each military service.
  - 2) Finish: Doors and frames to have 2-coats latex paint of semi-gloss finish; color to match adjacent wall color - see paint schedules.
- c. The following Grade No. 2 or better hardware schedule shall apply:
- 1) Access Military Service office: ADA dead bolt lock with interior thumb latch.
  - 2) Test room: standard ADA with key lock.
  - 3) Recruiter-in-charge Office: standard ADA with key lock.
  - 4) Storage room: standard ADA with key lock.
  - 5) Restroom: standard ADA with interior thumb latch.
  - 6) Mechanical room (if applicable): standard key lock with dead bolt.
5. Restrooms shall contain the following:
- a. Foam soap dispenser-stainless steel finish.
  - b. Mirror (above sink) with shelf.
  - c. Dual-roll toilet paper dispenser.
  - d. Commercial grade, stand alone, waste receptacle.
  - e. Commercial grade, wall mounted, hand-dryer
  - f. Sanitary napkin waste receptacle, wall mounted (Unisex, Women's restroom).
  - g. Coat hooks inside face of each water closet stall door and wall mounted adjacent to lavatories and/or where appropriate.
  - h. Commercial grade exhaust fan, 100cfm minimum; sound level <2.0 sones.
  - i. GFI electrical outlet adjacent to mirror/sink
6. Flooring: All floor areas will be of a common level, covered in a specified material and have a minimum live-load capacity of 50 pounds per square foot.
- a. Lobby-corridor-exit areas: Porcelain tile with unpolished, non-slip surface will be used within the lobby, corridor and exit areas. Floor areas with porcelain tile will have grout sealed as required. Pattern design: field; Crossville, A675 Stonehedge, 12"x12"x5/16" thick; accents: Crossville, A880 Onyx, 12"x12"x5/16" thick; Crossville, A291 Pepper Quartz, 3"x3"x1/4". See ENCLOSURE #1 for tile pattern design. Base Cove: Crossville, 675, Stonehedge, 8"Wx6"H to match tile. Grout: Mapei 02, Pewter.
  - b. Storage areas: Vinyl composition tile (VCT) shall be installed. Color to be Mannington Colorpoint, 616 Crystal Rosa. Base Cove: Johnsonite DC40 (rubber, black), 6" high.
  - c. Restroom(s): Porcelain tile, 3"x3"x3/8" thick, unpolished non-slip surface will be installed. Tile: Crossville, A291 Pepper Quartz, Unpolished or Cross-Sheen (UPS). Base Cove: 8"Wx6"H to match tile. Grout: epoxy, Mapei, 01-Alabaster.
  - d. Janitorial and Mechanical room(s): Exposed concrete with non-slip floor sealer. Base Cove: Johnsonite DC40, (rubber, black), 6" high.

- e. Office(s), test room(s) and related areas: Wall-to-wall carpet squares shall be installed throughout the entire space except storage rooms, restrooms, common areas, corridors, and exit areas. All carpet must be installed smoothly and evenly in accordance with their respective manufacturer's instructions and with the approved release adhesive. One (1) extra box of carpet tiles shall be left in the storage room of each military office for future use/emergencies. General Note: For individual military service carpet schedule, see specific military service attachment: Carpet Schedule.

1) Marine Corps:

Manufacture/Style-Pattern: Shaw/Chit Chat EW24, 59249

Color: Lead 49500

Product: Carpet tile

Base Cove: Johnsonite, DC40, (rubber, black), 6" high

Note: If selected, for expedited delivery-government pricing; Shaw Industries, Inc.; call Randa Hopson, 800-356-7429, email: [cs.gsa@shawinc.com](mailto:cs.gsa@shawinc.com). For general inquiries call Michele Fisher, 402-968-6025, email: [Michele.Fisher@shawinc.com](mailto:Michele.Fisher@shawinc.com).

2) Air Force:

Manufacture/Style-Pattern: Mohawk/Semillon Modular MT002

Color: Merlot #589

Product: Carpet tile, 24"x24"

Base Cove: Johnsonite, DC69 (rubber, Sterling Silver), 4.25" high

Note: if selected, for expedited delivery-government pricing; Mohawk Industries, point of contact is Taneka Moore, 1-800-331-0460; email: [taneka\\_moore@mohawkind.com](mailto:taneka_moore@mohawkind.com), or Waylon Koch, 1-800-554-6637, ext: 62748, mobile (210) 724-7722; email: [waylon\\_koch@mohawkind.com](mailto:waylon_koch@mohawkind.com).

3) Navy:

Manufacture/Style-Pattern: Shaw/Reflections IV, EW24, 59469

Color: Water Garden 69400

Product: Carpet tile

Base Cove: Johnsonite, DC40, (rubber, black), 6" high

Note: If selected, for expedited delivery-government pricing; Shaw Industries, Inc.; call Randa Hopson, 800-356-7429, email: [cs.gsa@shawinc.com](mailto:cs.gsa@shawinc.com). For general inquiries call Michele Fisher, 402-968-6025, email: [Michele.Fisher@shawinc.com](mailto:Michele.Fisher@shawinc.com).

4) Army:

Manufacturer/Style-Patten: Interface/Robie House #166940250E

Color: Foundation 3484

Product: Carpet tile

Installation: Parquet pattern (1/4 turn)

Base Cove: Johnsonite, DC40, (rubber, black), 6" high

Note: if selected, for expedited delivery-government pricing; Interface Flooring Systems, P.O.C. Eric Perschau, 1-800-336-0225 ext. 1401, (502) 523-7039; email:[Eric.Perschau@us.interfaceinc.com](mailto:Eric.Perschau@us.interfaceinc.com) or Shenta Stargill, 1-800-472-4771.

7. Miscellaneous:

- a. Exterior Mail Slots: Exterior: Doors with existing mail slots shall be replaced with doors without mail slots, and shall conform to existing store front-building design standards.
- b. Chair rail: Shall be installed as referenced on finish-schedule/floor plan. It shall be a minimum 3-inch, solid pine, contoured rail, mounted approximately 32" from finished floor to top of rail with semi-gloss finish; color to match adjacent wall color – see paint schedule. Note: Marine Corps does not receive chair rails.
- c. Shelving: Storage rooms and janitorial closets shall have a minimum of four, 12-inch deep, pre-finished, shelves installed 15 inches apart, beginning 30 inches from floor. Shelves should be capable of maintaining a dead load of 50 lb/lf+/- . See floor plan for shelf placement. Design of the shelf system shall be approved by the Army Corps of Engineers before installation.
- d. Test Room Desk top: Desk top to be approximately 2'-6" AFF x 2'-6"D, with appropriate under counter support.

1) Army/Navy/Marine Corps: Shall be plastic laminate, Wilsonart, #2932-60 Crystal finish, Almond Leather and be installed for Test room desk top.

2) Air Force: Casework finish is Formica #927-58 Folkstone.

## J. SIGNAGE

### 1. Exterior signage:

- a. Sign will read "Armed Forces Career Center" and shall comply with local building code requirements and Lessor specified guidelines. The sign shall have LED technology and be fabricated and installed in accordance with the graphic and design standards referenced in ENCLOSURE #2. The sign will function by use of a 'dusk to dawn' light sensor, or, if more appropriate, by preset timer. The Lessor shall ensure proper sign erection and electrical installation. The sign will be centered and installed over the main entrance to the military recruiting office and will be the maximum size allowed by code. All signage shall be UL approved and energy efficient. Note: White lettering may be substituted if appropriate in Enclosure #2.
- b. If applicable, separate small individual exterior signs shall be provided at each individual military service entrance (in addition to the fascia "Armed Forces Career Center" sign). These internally illuminated small entrance box signs (or style approved by Lessor) shall identify, by single name, the appropriate military service at its respective entrance. Unless otherwise requested, the signs shall have a white translucent lexan face with red Helvetica condensed lettering as referenced in ENCLOSURE #2. The sign will function by use of a 'dusk to dawn' light sensor, or, if more appropriate, by preset timer. The Lessor shall ensure proper sign erection and electrical installation.
- c. Marquee/Pylon/Monument (road side) sign: Sign panels shall reflect the residing military service. If collocated, sign panel will read "Armed Forces Career Center" and shall comply with local building code requirements and Lessor specified guidelines. The sign shall be fabricated and installed in accordance with the graphic and design standards referenced in ENCLOSURE #2.

### 2. Interior signage:

- a. Rest room signs shall be provided and constructed of a durable material and affixed on the door to each restroom.
- b. Window/wall graphics:
  - 1) Army/Navy/Air Force: Will not receive graphics.
  - 2) Marine Corps: Interior Non-Illuminated Blade Sign: Where permitted by landlord, a blade-mount sign can be installed to help identify a recruiting facility entrance down a corridor. Sign shall include only the word MARINES using the standard Marines wordmark. Scale the size proportionally as required by site conditions and to match other similar signs at co-location facilities. Mounting bracket style and finish must match other similar signs at co-location facilities.

#### Product Specifications:

- 1) "Marines" wordmark is surface-applied, self-adhesive vinyl on both faces of sign.
- 2) Letter color: USMC Recruiting Silver.
- 3) Material: As required by landlord.
- 4) Standard finish: satin black unless otherwise required by site conditions.

#### Marine Corps Interior Wall Graphics:

- 1) Lessor will coordinate with the Army Corps of Engineers on the installation of these self-adhesive, vinyl graphics or where applicable, rough-surface application(s).

- 2) "MARINES" wall graphic is always placed on a large blue wall. It is surface-applied self-adhesive vinyl, color to match USMC Recruiting Silver 1 (or PANTONE 451C\*, a beige tan non-metallic color). Approved MARINES Wordmark Printed Vinyl 3M 180CV3-10 opaque white vinyl, surface ink jet printed to match PMS 451c (beige tan color) adjust as needed for accurate match to PMS 4505. Surface laminated with 3M 8520 UV resistant matte clear overlay. Alternate manufacturers (e.g. Arlon, Avery, GSP, OraCal, LG or other) sign vinyl materials equivalent to 3M 180 Series, rated for high bond wall application, and with minimum outdoor use 5-year warranty may be provided based on contractor recommendation. Alternate MARINES wordmark Colored Vinyl Recommendation Arlon 2100-3670 Beige, matt finish opaque vinyl. The "Marines" graphic is always placed midway between head height (6'-0") and the ceiling. It should be scaled to 80% as long as the wall, and centered. The proportions of the provided "MARINES" artwork shall not be changed.
- 3) "EGA" wall graphic is always placed on a red wall. It is surface-applied self-adhesive vinyl, color to match USMC Recruiting Gold (PMS 4505c, an olive yellow non-metallic color). Approved EGA Symbol Printed Vinyl 3M 180CV3-10 opaque white vinyl, surface ink jet printed to match PMS 4505c (olive yellow color) adjust as needed for accurate match to PMS 4505. Surface laminated with 3M 8520 UV resistant matte clear overlay. Alternate manufacturers (e.g. Arlon, Avery, GSP, OraCal, LG or other) sign vinyl materials equivalent to 3M 180 Series, rated for high bond wall application, and with minimum outdoor use 5-year warranty may be provided based on contractor recommendation. Alternate EGA Symbol Colored Vinyl Recommendation Arlon 2100-3669 Olive, matt finish opaque vinyl It is to be scaled as large as possible with the top of the EGA high on the wall. Generally the bottom is no more 3'-0" above the floor. If placed on a large wall where no fixtures or furniture will block it, the EGA should be made larger with the bottom closer to the floor. Note: where no suitable wall occurs for the EGA, it is recommended to either relocate or remove doors or windows from an existing wall, or to install a new non-load-bearing wall to provide a place for the large EGA graphic.
- 4) In lieu of the USMC Colors listed on this page, you may use the PANTONE® Colors, the standards for which are shown in the current edition of the PANTONE FORMULA GUIDE. The colors shown on this page have not been evaluated by Pantone LLC for accuracy and may not match the PANTONE Color Standards. PANTONE® is the property of Pantone LLC.

## **K. PARKING**

The Lessor will identify all designated government parking spaces, and will provide contractor with any specific alterations to parking lot for the military services.

## **L. LANDSCAPING**

The Army Corps of Engineers along with the Lessor shall approve any proposed contractor installed landscaping at facilities where the Government is the sole occupant. All plant materials shall be drought resistant and indigenous to the area.

## **M. SECURITY**

1. Video Intercom Entry System (up to 5 Video Phones or 3 Separate Entrances): A wall mounted door entry system with camera, speaker and microphone shall be installed at each exterior main-entrance to the military recruiting station. System installation shall be in accordance with "SA-1 Decision Tree", attached herewith. The system will require door station cameras with coordinated electric door strike/maglock and latch; internal facility desk station monitoring phone unit along with appropriate power supply configuration. This model can handle up to 3 Door Stations and 5 Desk Stations per system. Note: All systems will receive an electric door strike and/or maglock. Electric door strikes will be used in all cases unless the door style/jamb prevents installation in which case a maglock will be installed. Security entry system Components will include:
  - a. Door Stations(s): Mfr; AIPhone KB-DAR, Pan Tilt Color CCD camera with infrared illumination, or equivalent.
  - b. Master Color Desk Station(s): Mfr; AIPhone KB-3MRD, or equivalent.

- c. Sub-Master Color Desk Station(s): Mfr; AlPhone KB-3HRD, or equivalent.
- d. Power Supply (for every Desk Station due to setup/layout of recruiting offices): Mfr; AlPhone PS-24E, or equivalent.
- e. Electronic door strike: Mfr; Rutherford Controls Inc., RCI #7108, or equivalent.
- f. Maglock: Mfr; Securitron Model 32 - 600 pound magnetic lock, or equivalent.
- g. Deadlatch: Mfr; Adamsite Replacement Deadlatch, 4730 Series, Grade 1, or equivalent. Note: Latch for electronic door strike is unique for each site. Contractor will coordinate conditions on selection of appropriate hardware.
- h. Low voltage power supply for electric strike/maglock: Mfr; Altronix SMP3PMCTX, or equivalent.
- i. Conduit & Wire: Alarm and communication cable, low voltage, solid, 1 pair #14, in conduit, electric metallic tubing, ½" diameter, to 15' high, including couplings, per fixture, as necessary or as site requirements dictate, or equivalent.

NOTE: One Answering desk station will be provided to each military service facility that requests this SA. The "master" desk station will be installed in the requesting service facility. Or in the case of a new or relocating site the "master" desk station will be installed into the funding services facility. In the case of one main entrance for all services everyone will be covered when requested by only one service, regardless of whether or not the other services want the video intercom entry system.

- 2. Monitored Security Alarm System: Alarm system installation will be in accordance with "SA-2 Decision Tree" attached herewith. A monitored system shall incorporate the following components:
  - a. Door Contact(s) will be on all exterior doors. Depending on door jamb design:
    - 1) Surface mount: Mfr; Sentrol 1045, or equivalent.
    - 2) Recessed mount: Mfr; Sentrol 1078, or equivalent.
  - b. Motion detector(s): Mfr; Ademco 998, or equivalent, shall be in all areas with exterior doors and/or walls.
  - c. Glass break detector(s): Mfr; Intellisense FG1625 Dual Tech Glass Break detector, or equivalent, will cover all exterior windows and, if present, glass doors.
  - d. Control panel(s): Mfr; First Alert FA1600C, or equivalent, will be connected to an existing phone line; secondary/fax line is preferred. Note: The phone line may need a filter if DSL service and/or a fax machine is already using the selected line. Panel shall be located within a secured, common area room or central office area.
  - e. The alarm system shall be capable of and capture:
    - 1) Zoning for each military office and common area, systems to be partitioned for each branch of the military
    - 2) Monitoring openings/closings (arming/disarming) of each zone utilizing separate codes for each military service
  - f. Zone Expander: Mfr; First Alert FA4208, or equivalent, for sites requiring more than 8 zones.
  - g. Touch pad(s): Mfr; First Alert FA560KP, or equivalent, alphanumeric custom text English display keypad installed in each zone and, when at all possible, be kept out of sight from front doors/windows.
  - h. Interior Siren: Mfr; Ademco 713, or equivalent, horn-type speaker with audible alarm activation.

NOTE: The security alarm will be provided to each military service facility that requests it. In the case of one main entrance for all services everyone will be covered when requested by only one service, regardless of whether or not the other services want the security alarm.

3. Rolling Metal Shutters (Rolladins): A coiling metal security shutter system shall be installed on all exterior windows, doors and/or large storefronts. QMI Security Solution, Inc., curtain profile: AL5-E security shutter system, or equivalent, will be installed. Shutters will be extruded aluminum, single walled construction; color to compliment existing storefront. Locking mechanisms to be: cylinder lock when shutter is down; padlock when shutter is raised. Installation of shutter system (track and shutter components) will comply with all local and governing code requirements and the manufacturers' written instructions. Where conflicting, the most stringent requirements/instructions will govern.

NOTE: Shutters will be provided to each military service facility that requests it. In the case of one main entrance for all services everyone will be covered when requested by only one service, regardless of whether or not the other services want shutters.

4. Camera/DVR (Digital Video Recording) System: shall be installed at each public entrance and/or each glass door in accordance with guidelines set forth in "SA-4 Camera/DVR System Site Decision Tree (CAMERAS, DVR, MONITOR System)", attached herewith. The installation and its components shall be in conformance with national industry standards, manufacturers' recommendations and site necessitated requirements. The system must provide a minimum 96-hour continuous recording time with a (minimum) resolution image size of 6.7 KB at a speed of 30 frames per second (fps) per camera. The package system will require a DVR with wall mounted security box for single recruiting office locations or a built-out lockable closet (to be located in or accessed from the common area) for multiple service recruiting offices, but not in a restroom or janitorial closet.

Additionally, the system will require a flat-screen color monitor with shelf, weatherproof/vandal-proof cameras, adequate power supplies, cabling with extra length for distance adjustments and site dictated mounting systems. Note: All recessed cabinets must meet DVR/Monitor manufacturers' ventilation requirements. Minimum components of the Camera/DVR system will include the following, but MUST also be of high enough quality to provide convictable resolution, identification of intruders, vandals, thieves, etc.:

- a. One (1) Samsung SRD-830D (8-camera channel) or SRD-1610D (16-camera channel) DVR, or equivalent. Performance standards/requirements should be equal to or better than the following:
  - 1) 8 or 16 channel capacity depending on system-site requirements:
    - a) 8 Channel: <http://www.samsungsecurity.com/products/videorecorders/srd830d.php>
    - b) 16 Channel: <http://www.samsungsecurity.com/products/videorecorders/srd1610.php>
  - 2) MPEG4 Compression
  - 3) Minimum 30 FPS/channel (240 FPS for an 8-channel system and 480 FPS for a 16-channel system)
  - 4) Real Time Viewing (with NO BLINDSPOTS)
  - 5) Simultaneous monitor, playback, record
  - 6) USB 2.0 port(s)
  - 7) Internal Hard-drive (80 GB minimum per camera). Note: the 96-hour of continuous recording requirement must not exceed the hard-drive capacity.
  - 8) Internal CD-RW/DVD-RW
  - 9) Motion Detection (i.e., the system programming must have the capability and incorporate motion detection and scheduling events in combination to change speed and resolution).
  - 10) Weekday Schedule 06:00 – 22:00; record at 7.5 FPS per channel, no motion trigger.
  - 11) Weekday Schedule 22:00 – 06:00; record at 7.5 FPS per channel, motion trigger; record at 30 FPS per channel
  - 12) Weekend Schedule 22:00 Friday – 06:00 Monday; record at 7.5 FPS per channel, motion trigger; record at 30 FPS per channel

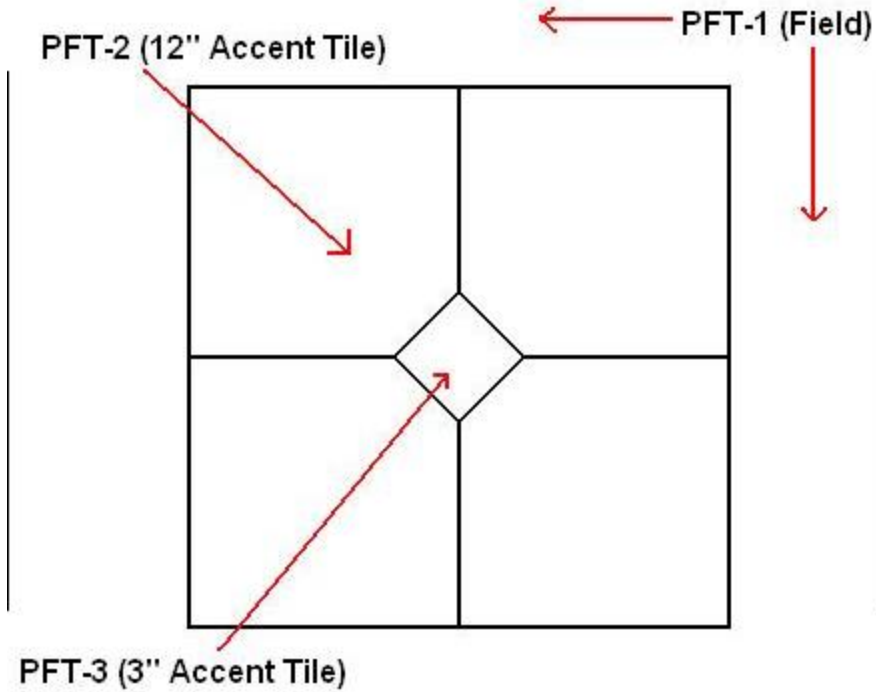
- 13) Ethernet/LAN/Internet, i.e., the system must have capability to be monitored across internet or local area networks.
- b. One (1) Samsung SMC-152F, 15" Flat CRT Color Monitor or equivalent. Monitor features to contain:
    - 1) 400 TV lines of horizontal resolution.
    - 2) Video inputs for each camera with sequential switcher.
    - 3) Audio inputs for each camera.
    - 4) Metal case.
    - 5) VCR Input (BNC Video and RCA Audio).
    - 6) OSD.
    - 7) Comb Filter.
    - 8) NTSC/PAL.
  - c. Multiple Surface Mounted Dome Cameras (Minimum of 2 Cameras): GVI GV-HIDNVACH Day/Night, Color 1/3" Sony Exview CCD or equivalent. The selected cameras must meet the following minimum performance standards:
    - 1) Camera must be able to identify facial features at a maximum distance to subject at 30 feet (images MUST high enough quality to provide convictable resolution/identification of intruders, vandals, thieves, etc. when necessary.)
    - 2) Absolutely NO BLINDSPOTS allowed
    - 3) Weatherproof/Vandal-proof
    - 4) Day/Night, mechanical IR cut filter
    - 5) Color 480 Lines of Resolution (approximately)
    - 6) B/W 530 Lines of Resolution (approximately)
    - 7) Color 0.5 Lux
    - 8) B/W 0.04 Lux
    - 9) 24VAC/12VDC
    - 10) Vari-Focal Lens; 4-8MM
    - 11) Auto Iris
    - 12) Camera must be capable of being pole-hung, if required.
  - d. One (1) DVR Security Lock Box: Quest Manufacturing Company, model QSE0920-21-02; mounting bracket set: QWB-SE-02 or equivalent. Keys to the Security Lock Box must be provided to all services regardless of system being installed in a common area or within a specific services space. This is necessary regardless of who pays or where the system is located, due to operational security requirements and the need for all to have access when an event occurs. In any case, the system must be locked so unauthorized individuals do not have access to or are not able to tamper with the system in any way.
  - e. Shelving/Brackets:
    - 1) Single Service Recruiting Office:
      - a) Wall mounted shelf for flat screen monitor: Da-Lite, model WMS-12 or equivalent.

- b) Mounting bracket set for DVR
  - c) Security Lock Box: Quest Manufacturing Company, model QWB-SE-02 or equivalent.
- 2) Multiple Service Recruiting Office:
- a) Built-out Camera/DVR Closet. Size: Approx. 30"Wx 24"D, with 6'8" pocket-door access. Note: Camera/DVR closet shall not be located within restrooms or janitorial closet.
  - b) To prevent overheating, closet shall be ventilated in one of 2 ways:
    - i) Vented-door.
    - ii) Ceiling-mounted return diffuser (to create chimney effect).
  - c) Adjustable shelving to be minimum 20" deep, pre-finished, beginning 30" AFF, spaced 24" apart.
  - d) Door/hardware to match existing with Grade 2 or better key lock. Must provide a minimum 1 key per service.

#### **N. GENERAL NOTES**

1. To minimize potential misunderstanding, it is highly recommended a Contractor/Corps of Engineers/Lessor onsite, kick-off meeting be scheduled before commencement of construction.
2. It is requested the contractor notify the Corps of Engineers representative and Lessor at least five (5) working days prior to commencement of work on the site.
3. All preceding specifications do not preclude common sense considerations/solutions to those issues that may arise during the build-out of the leased premises. Suggestions/recommendations by the Lessor should be addressed to the Corps of Engineers representative.
4. This document provides general guidance and does not consider all possible variations in conditions. When in doubt, call the Army Corps of Engineers POC to obtain clarity on conflicts, questions and approval for situations not covered herein: Matthew J. Goolsbay, Realty Specialist, by phone: (817) 886-1112 or email: matthew.j.goolsbay@usace.army.mil.

**ENCLOSURE "1"**  
**Porcelain Tile Pattern Design**



Note: Actual multiple pattern layout dependent on floor plan. Pattern design to be approved by the Army Corps of Engineers.

<b>Common Area &amp; Corridors</b>		
<b>INTERIOR FINISH &amp; MATERIALS</b>		
<i>*(Same manufacturer or equal specifications in other manufacturer)</i>		
<b><u>FLOORING</u></b>	PORCELAIN FLOOR TILE (Field) (PFT-1)	* CROSSVILLE, A675 Stonehenge 12" x 12" x 3/8" Thick Unpolished Finish
	PORCELAIN FLOOR TILE (Accent) (PFT-2)	* CROSSVILLE, A880 Onyx 12" x 12" x 3/8" Thick Unpolished Finish
	PORCELAIN FLOOR TILE (Accent) (PFT-3)	* CROSSVILLE, A291 Pepper Quartz 3" x 3" x 3/8" Thick Unpolished Finish
	GROUT (Grout to be sealed as required)	* Manufacturer "Mapei", #02 Pewter
<b><u>BASE</u></b>	PORCELAIN TILE (PFT-1)	* CROSSVILLE, A675 Stonehenge 8"W x 6"H Cove Profile (Lobby & Corridors)

ENCLOSURE "2"  
Signage Standards



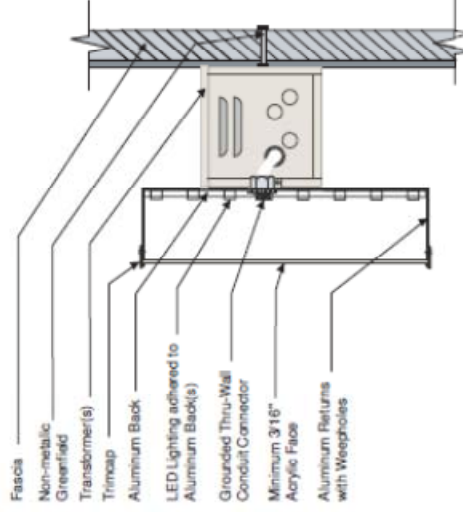
**Armed Forces Career Center**

LINEAR LAYOUT



**Armed Forces  
Career Center**

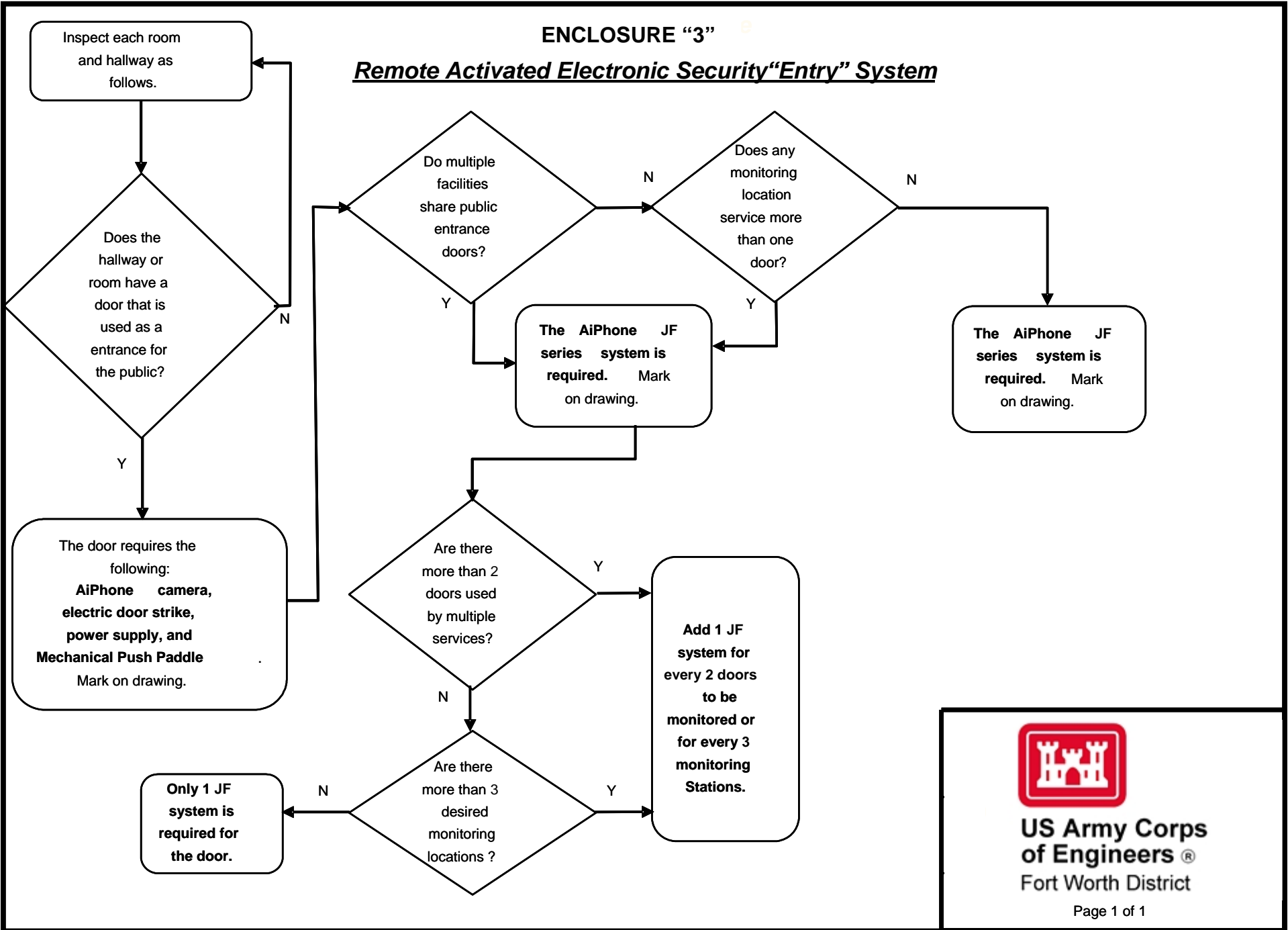
STACKED LAYOUT



**CHANNEL LETTERS**  
Illumination to be White LED in Flag and Red LED in Letters operating on power source located in raceways.  
Raceway to be built from aluminum painted to match building fascia. Raceways to be mounted to building fascia  
using proper non-corrosive hardware and fasteners.  
All electrical components to be UL listed.

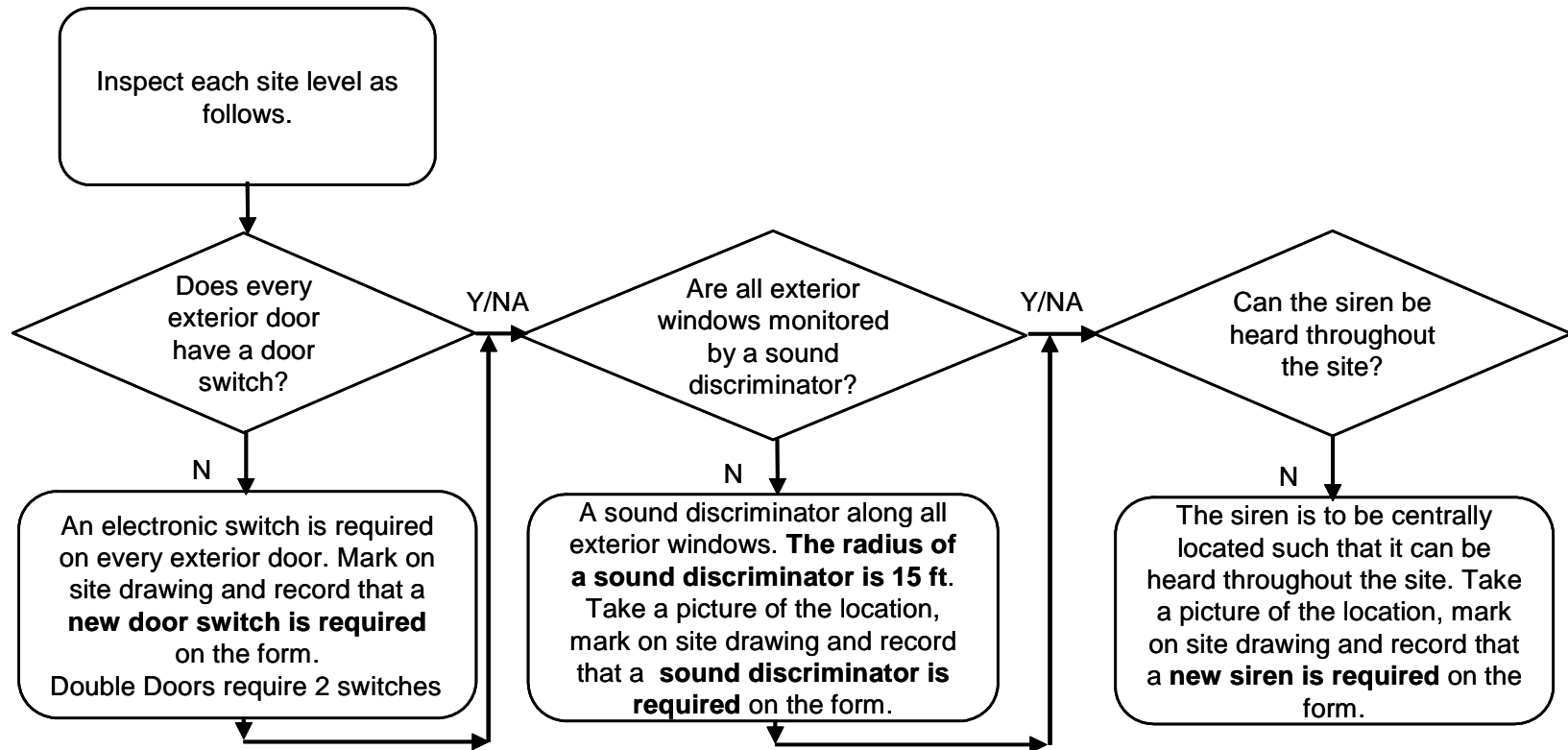
ENCLOSURE "3"

Remote Activated Electronic Security "Entry" System



US Army Corps of Engineers®  
Fort Worth District

Door Switches, Sound Discriminators, and Sirens

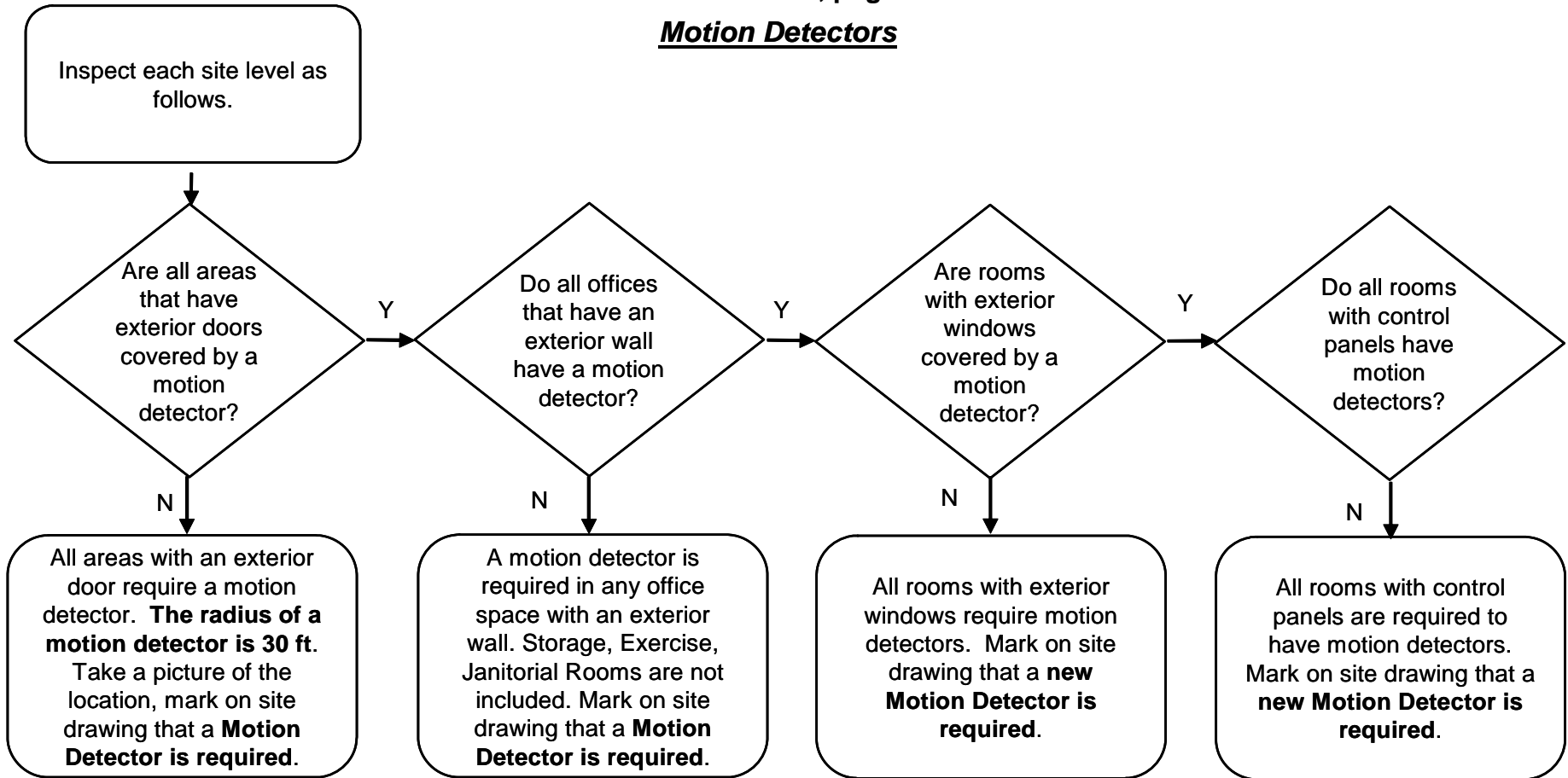


NA = Not Applicable



US Army Corps  
of Engineers®  
Fort Worth District

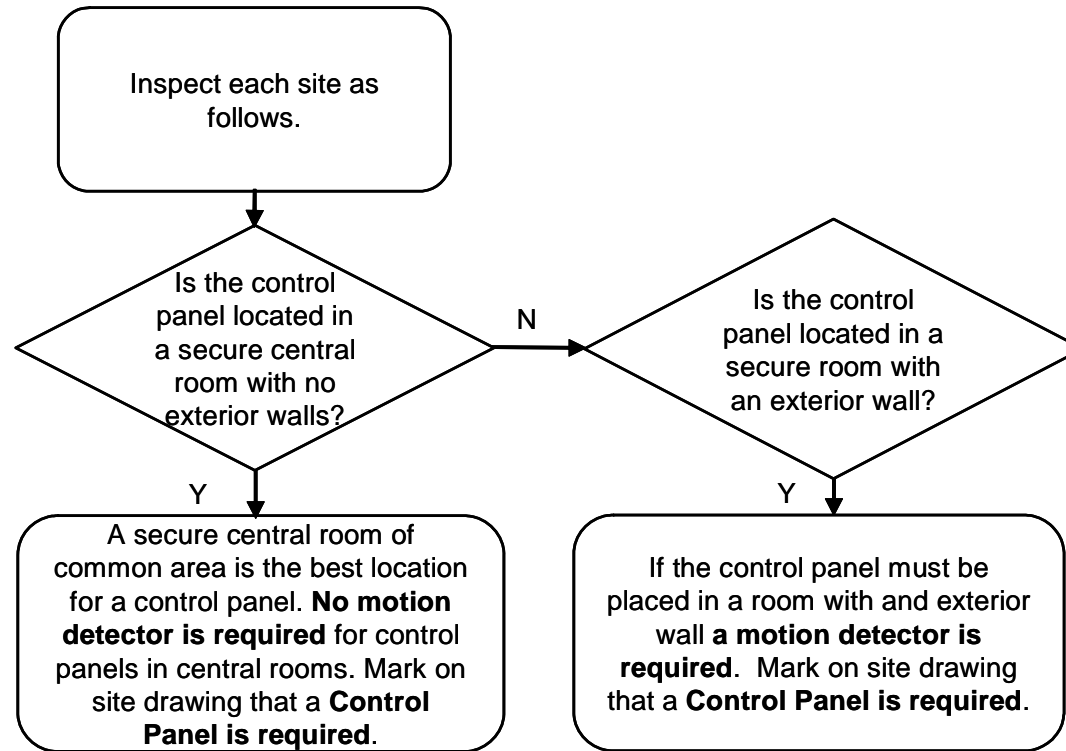
Motion Detectors



US Army Corps  
of Engineers®

Fort Worth District

Control Panels



The control panel should be connected to a secondary phone line in a central office.

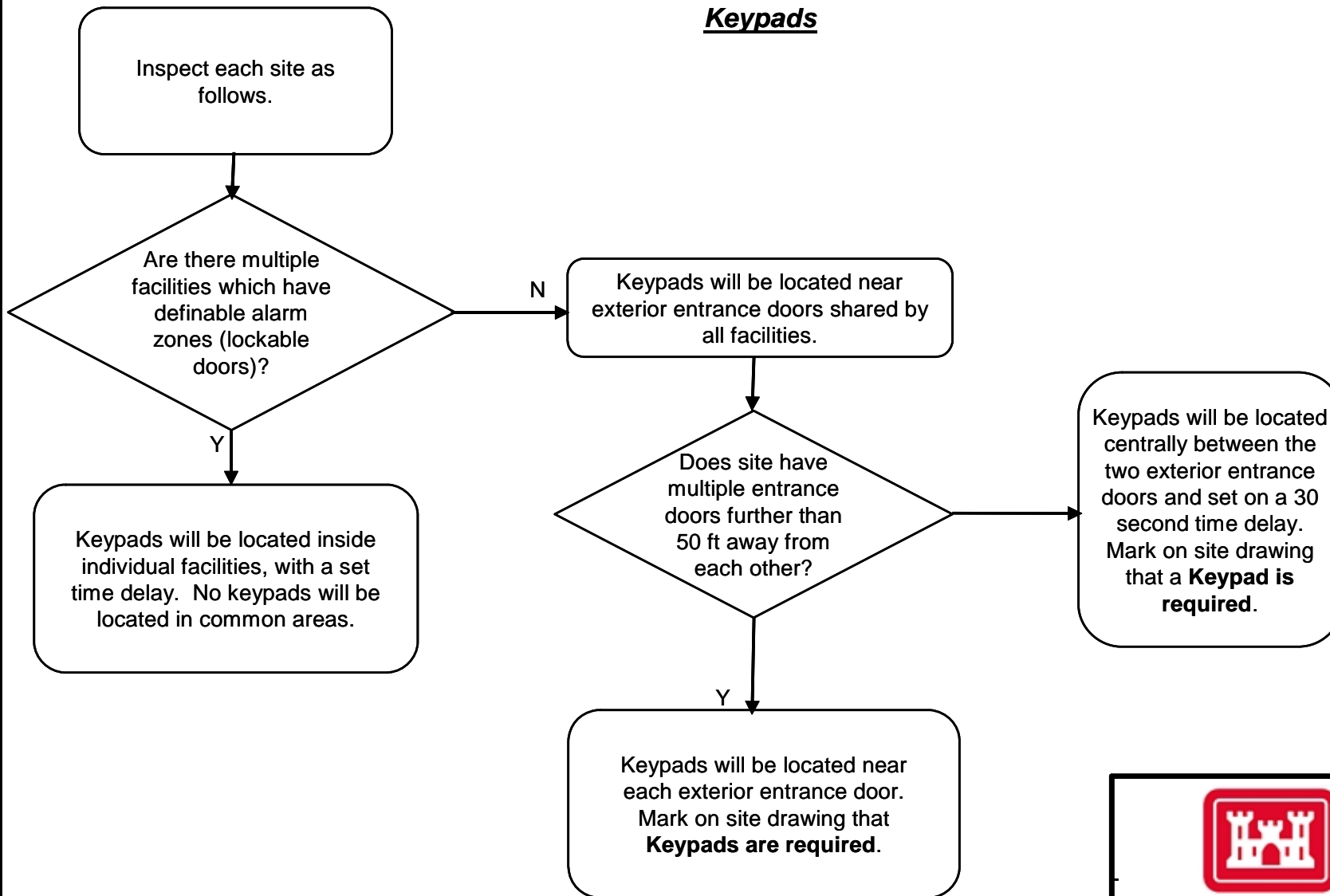
All systems connected to a phone line running DSL must be connected with a DSL filter.



**US Army Corps  
of Engineers** ®

Fort Worth District

Keypads



\*\*Note: When possible, keep the keypads out of the line of site from the front door or windows.

NA = Not Applicable



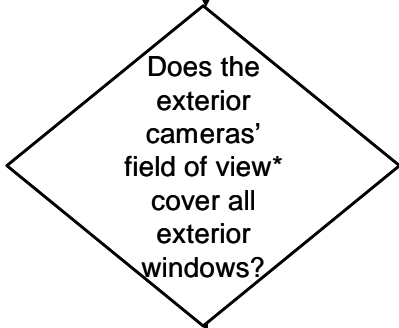
**US Army Corps  
of Engineers**®

Fort Worth District

## ENCLOSURE 5

### Camera / DVR System Site Decision Tree (CAMERAS, DVR, MONITOR System)

For each public entrance and/or glass doors, add one exterior camera and one interior camera.



Y  
For each camera, add one power supply and one BNC Siamese Cable.

N  
Add exterior cameras to cover all exterior windows.

**Notes:**

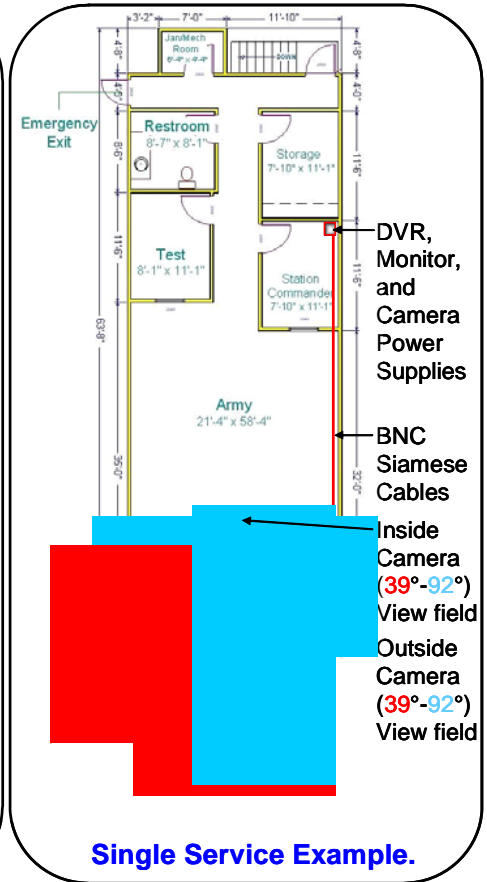
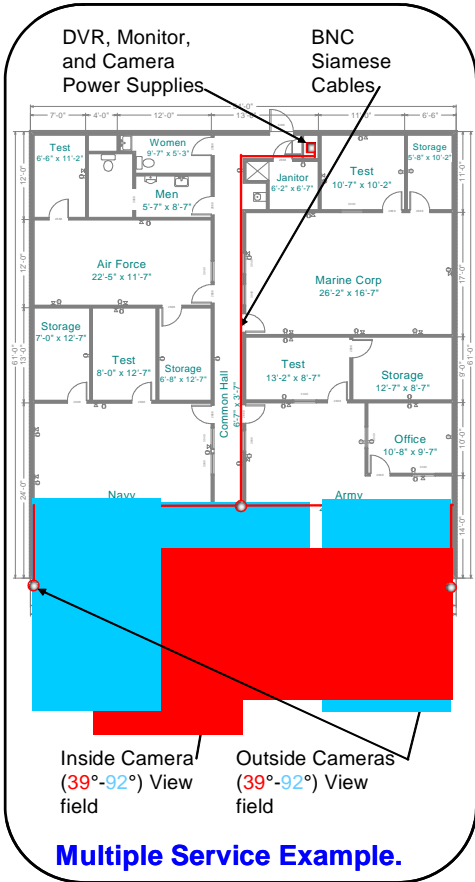
\*Camera has a view field (angle) of 39 to 92 degrees AND a respective depth of field of 15 to 30 feet.

**\*\*All systems will include:**

- One high speed internet connection
- One 9"H x 20"W x 21"D DVR security lock box
- One mounting bracket for the lock box
- One CRT color monitor
- One wall mounted shelf for the monitor
- Reference Current FY Construction Specifications

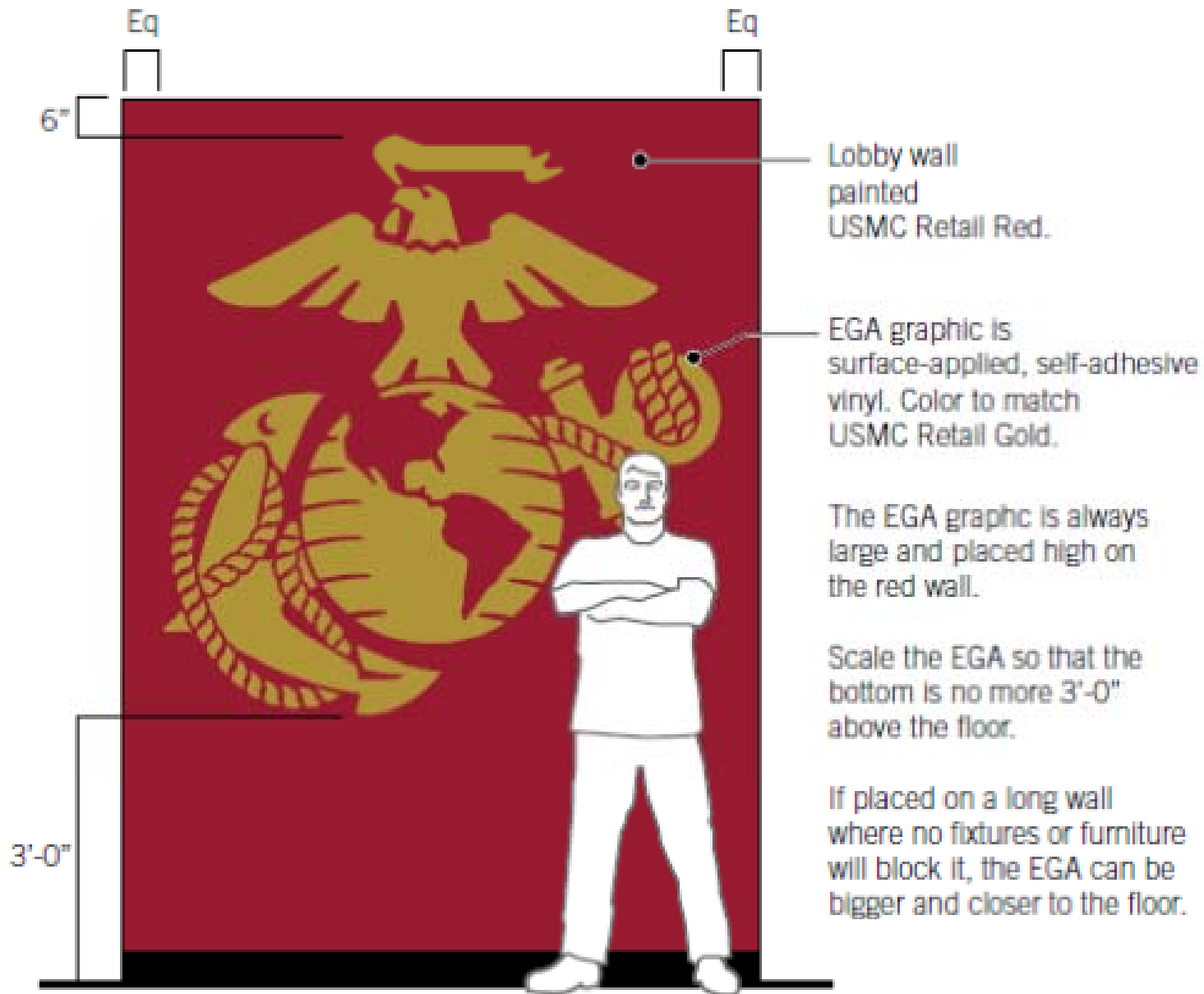
For each camera, add 80 GB to the DVR Hard Drive size.

Choose a 8 or 16 Channel Camera / DVR system depending on the number of cameras.

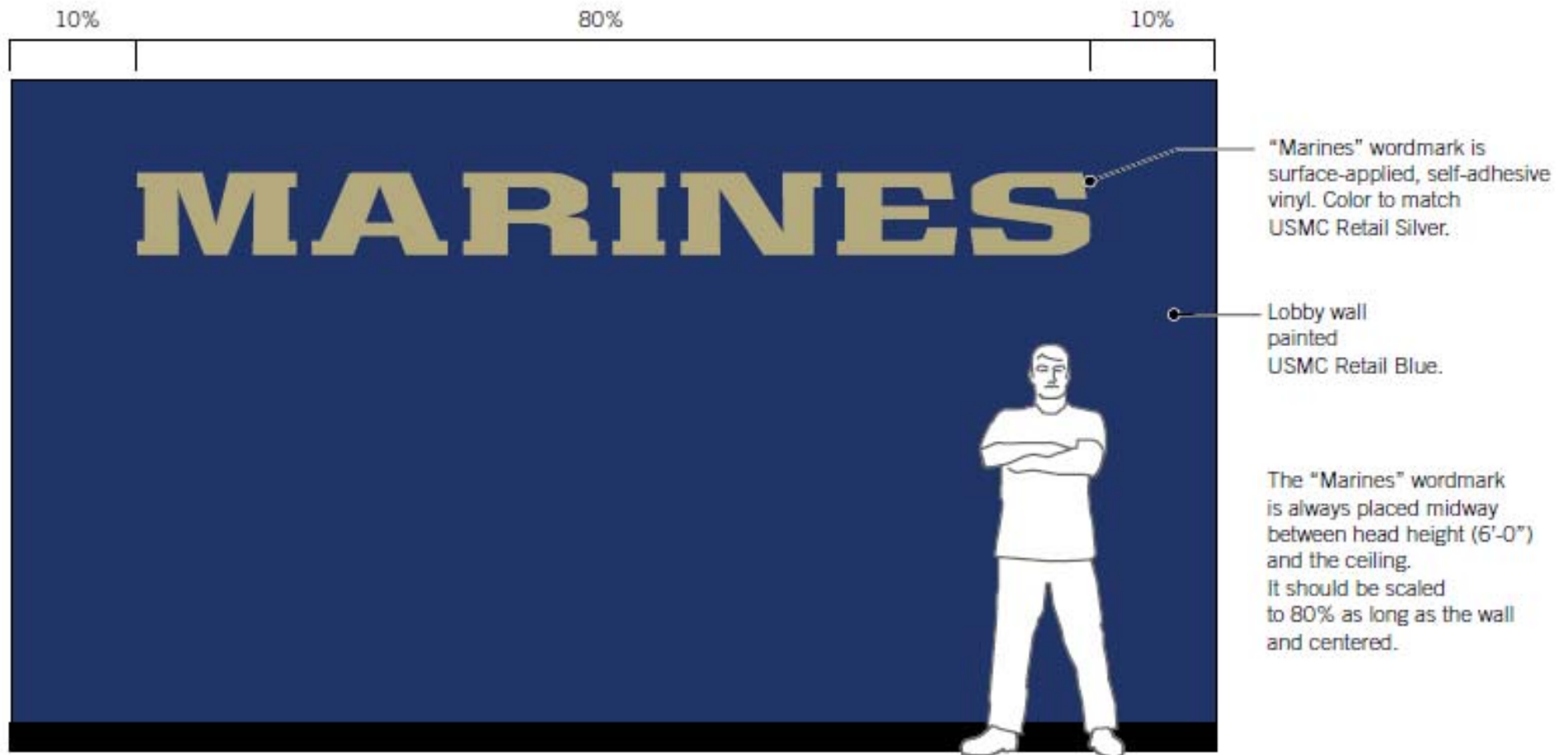


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Fort Worth District

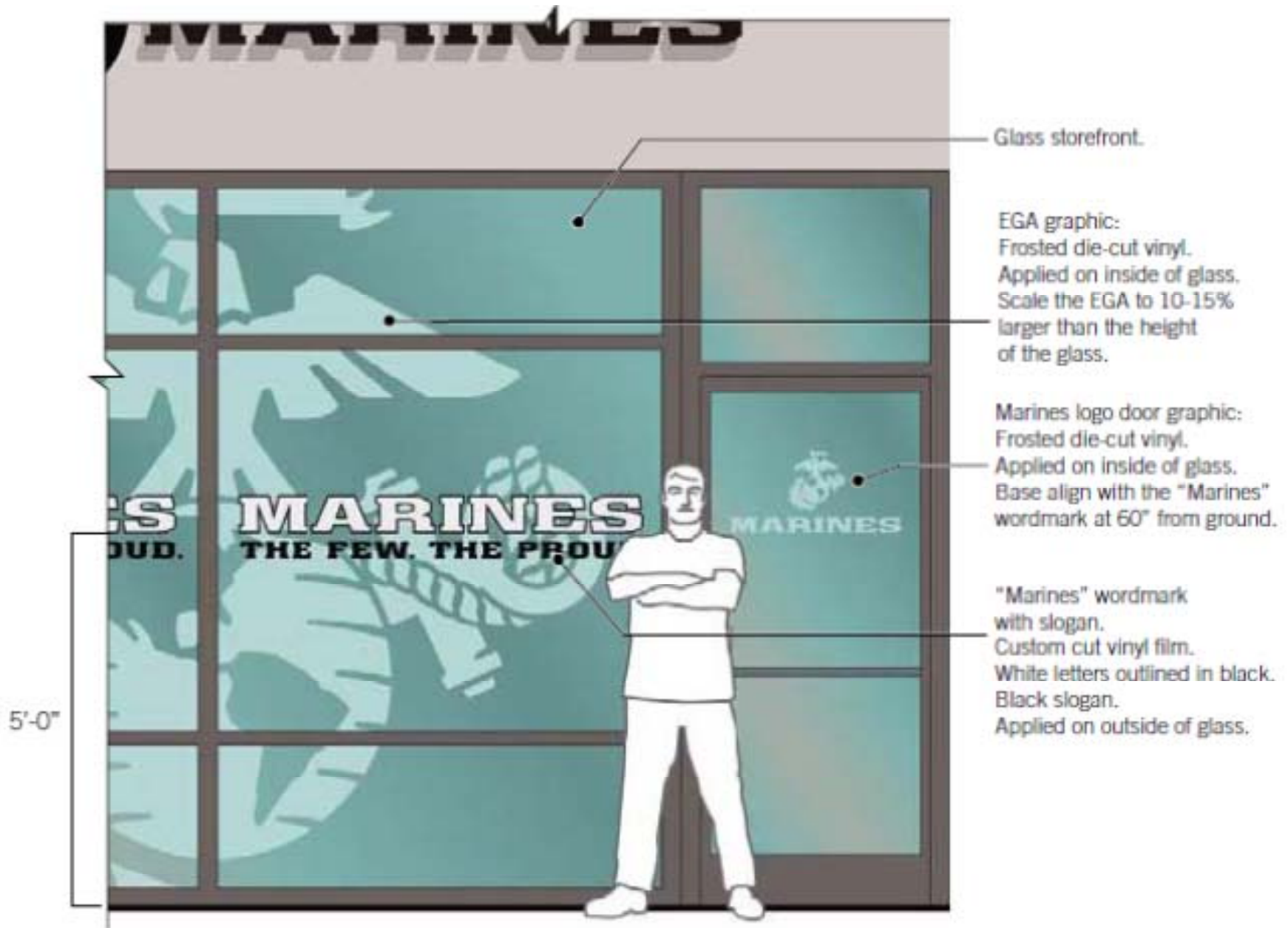
**ENCLOSURE "6"**  
Interior EGA Graphic



**ENCLOSURE "7"**  
Interior Marines Graphic



**ENCLOSURE "8"**  
**Storefront/Glass Graphics**



# TRACK LIGHTING REQUIREMENTS

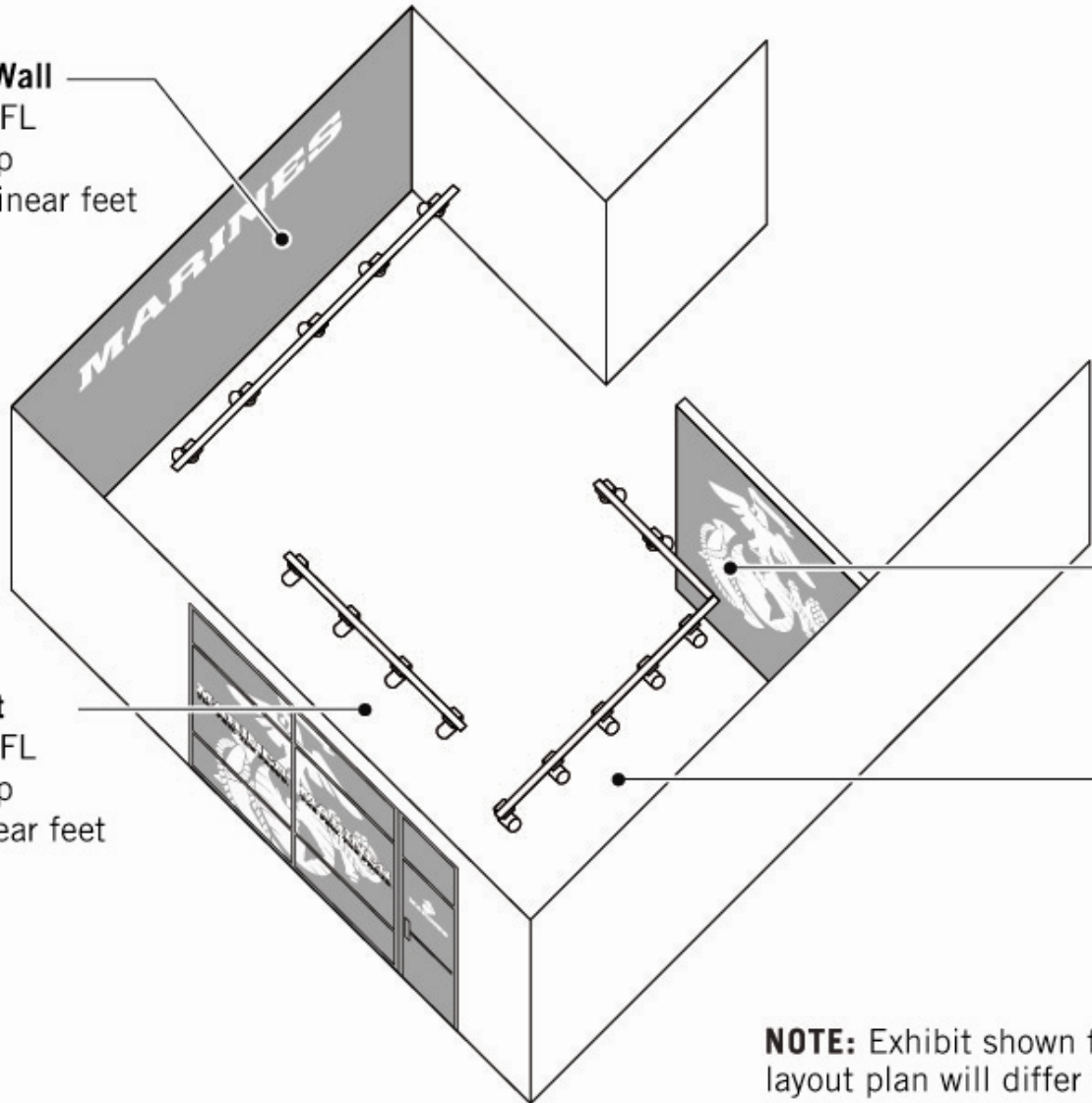
**Marines Wall**  
1 each CFL  
floodlamp  
per 2.5 linear feet  
of track

**Storefront**  
1 each CFL  
floodlamp  
per 4 linear feet  
of track

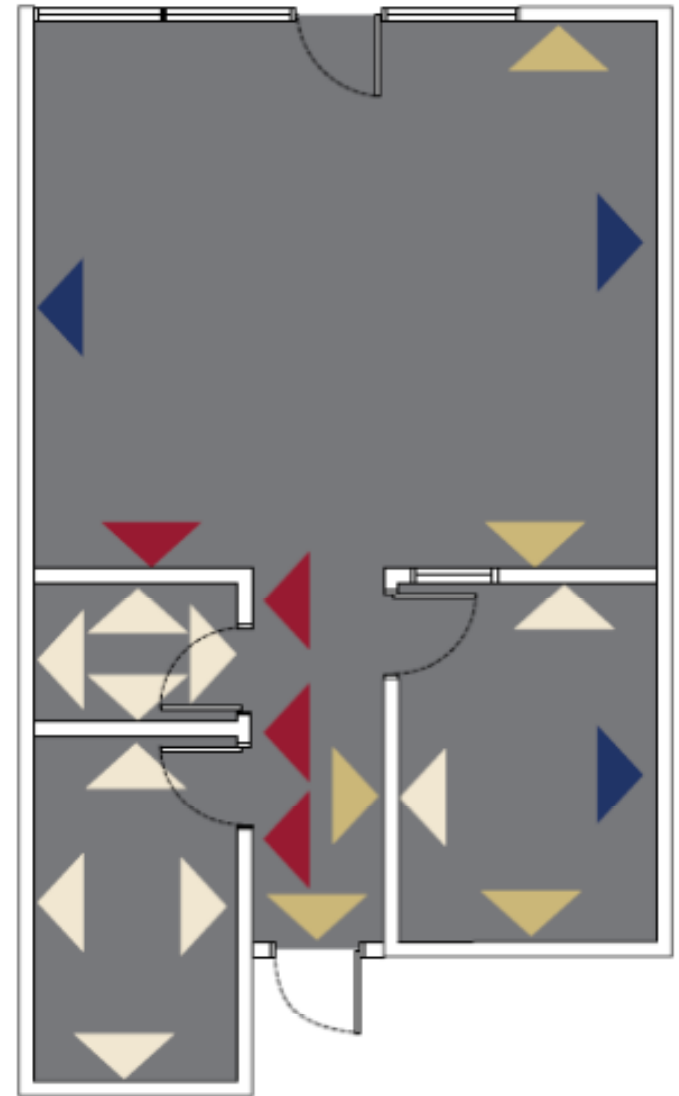
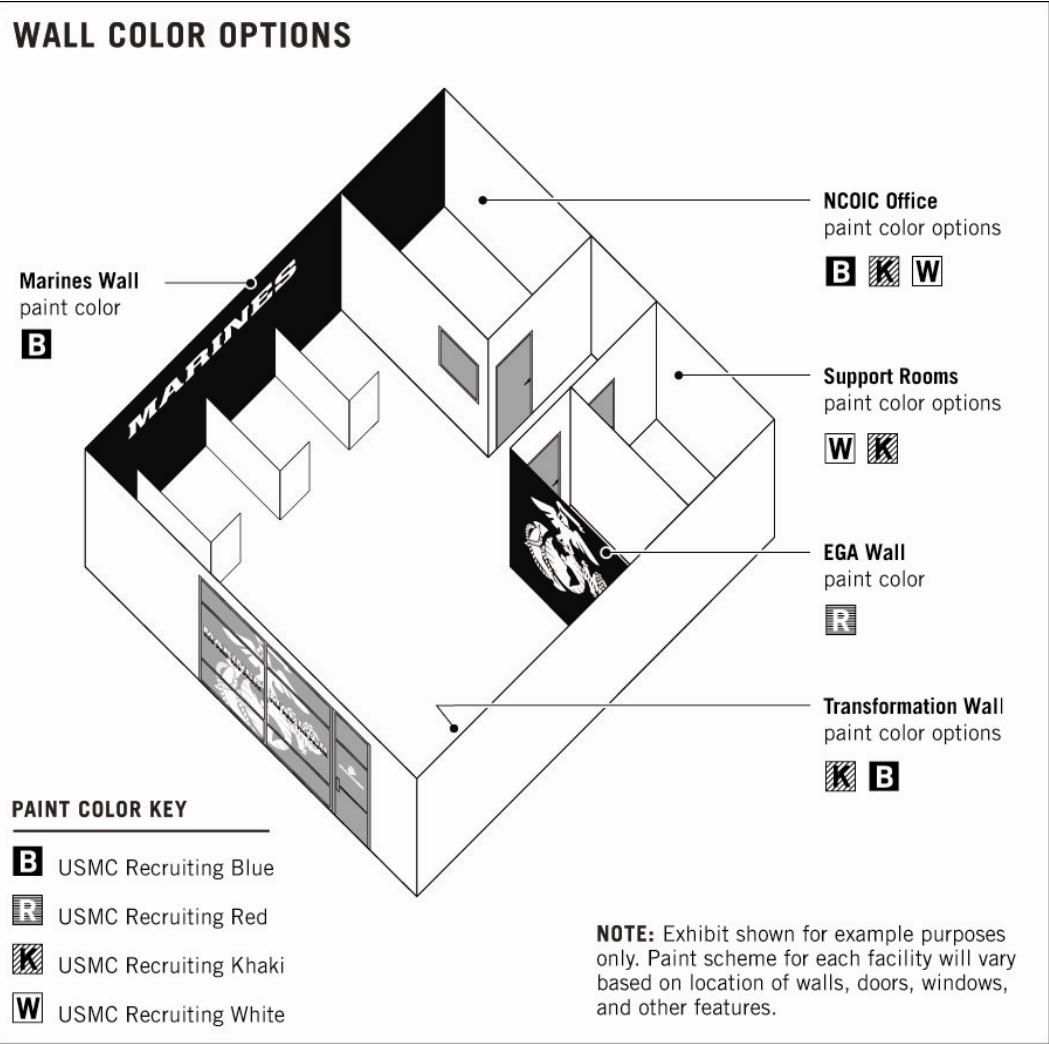
**EGA Wall**  
1 each CFL  
floodlamp per  
4 linear feet of track

**Transformation Wall**  
1 each CFL  
floodlamp  
per 2.5 linear feet  
of track

**NOTE:** Exhibit shown for example only. Track layout plan will differ for each facility based on location of graphics and displays.



# ENCLOSURE "10"



ENCLOSURE "11"  
Vinyl Graphic Standards



**U.S. AIR FORCE**



Note: Graphic is surface applied self-adhesive vinyl. Contact the Army Corps of Engineers point of contact for a digital copy of these graphics.

**ENCLOSURE "12"**  
**Air Force Accent Wall Specifications**

1. For Accent Walls **MORE THAN 14 LINEAR FEET**: Paint entire wall AF accent wall color (ICI/Glidden Grey Pennant #30BB 31/022) and paint a "Blue Field" (ICI/Glidden Sub Zero Blue #50BB 08/257) that is 7 FEET WIDE and extends from TOP of CHAIR RAIL to CEILING HEIGHT (*Example 1*). Blue Field will be placed on accent wall at a horizontal location to be determined by local AF representative. (*Example 1*).
2. For Accent Walls **LESS THAN OR EQUAL TO 14 LINEAR FEET** in length, paint the ENTIRE LENGTH OF THE WALL FROM TOP OF CHAIR RAIL TO CEILING HEIGHT BLUE (ICI/Glidden Sub Zero Blue #50BB 08/257). (*Example 2*).
3. For offices without an existing accent wall or which do not have a chair rail:
  - a. **INSTALL CHAIR RAIL**: Chair rails will be installed to match existing height of office chair rails (or 32 INCHES from finished floor to top of rail).
  - b. **PAINT chair rail and the area beneath the chair rail** (ICI/Glidden Grey Pennant #30BB 31/022).

Example 1: WALL MORE THAN 14" LINEAR FEET



"Blue Field"  
ICI/Glidden  
Sub Zero Blue #50BB 08/257  
Finish: Latex Satin  
Coats: 2

Wall, chair rail, and below chair rail (accent wall only)  
ICI/Glidden  
Grey Pennant #30BB 31/022  
Finish: Latex Satin  
Coats: 2

**"BLUE FIELD" IS NOT TO BE LOCATED NEAR OR OVERLAP OFFICE SAFETY EQUIPMENT, HVAC CONTROLS OR ANYTHING THAT MAY DISTRACT FROM ACCENT WALL.**

Example 2: WALL 14" LINEAR FEET OR LESS

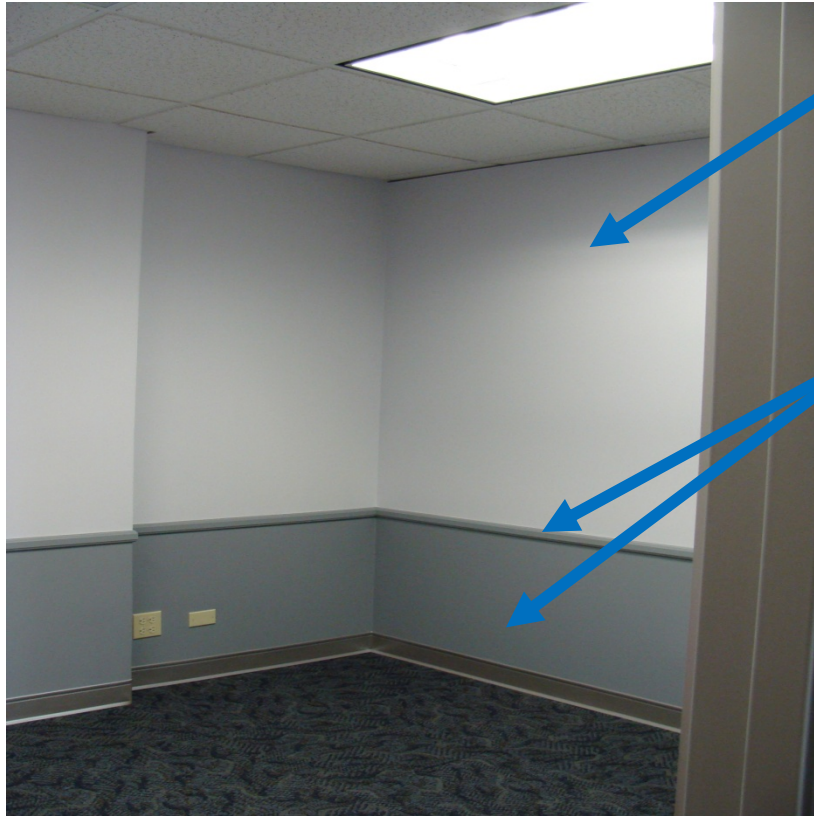


Above chair rail  
ICI/Glidden  
Sub Zero Blue #50BB  
08/257  
Finish: Latex Satin

Chair rail and below  
ICI/Glidden  
Grey Pennant #30BB 31/022  
Finish: Latex Satin  
Coats: 2

Note: Both picture versions show a U.S. Air Force logo on Plexiglas that will be provided and installed by the AF.

**ENCLOSURE "13"**  
**Air Force Wall Specifications for other than Accent Wall**



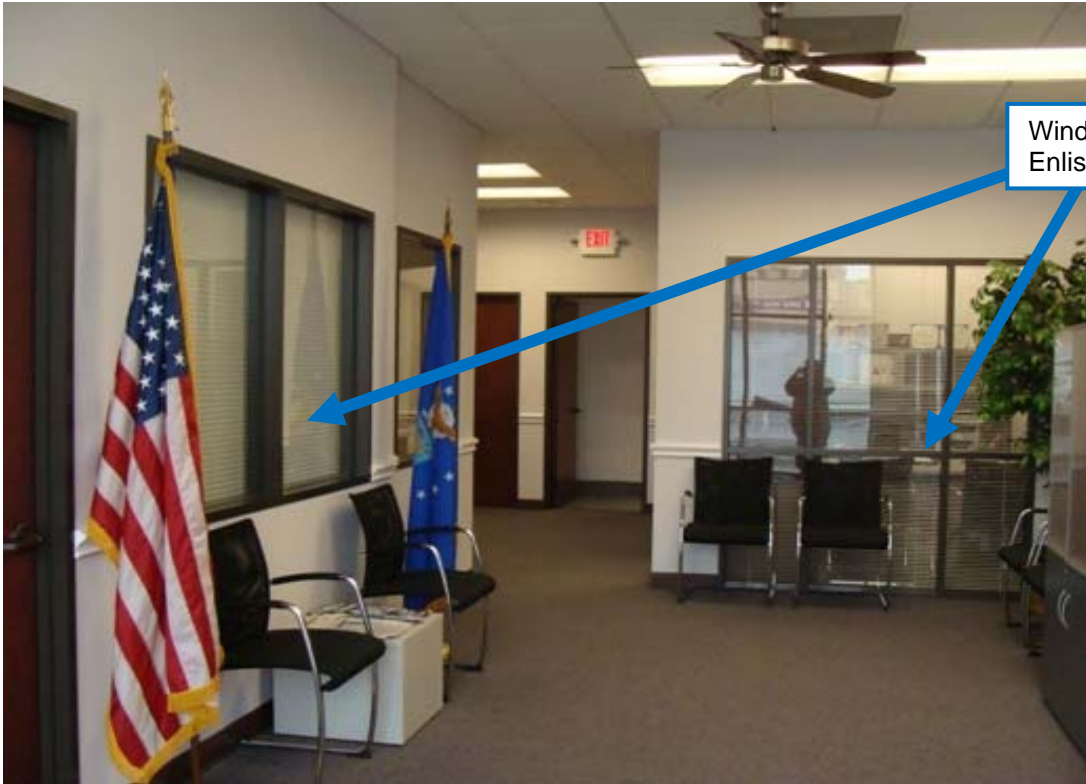
Above Chair Rail:  
ICI/Glidden  
Grey Pennant #30BB 31/022  
Finish: Latex Satin  
Coats: 2

Chair rail, and below  
ICI/Glidden  
Grey Pennant #30BB 31/022  
Finish: Latex Satin  
Coats: 2

**ENCLOSURE "14"**  
**Air Force Flooring Specifications**



**ENCLOSURE "15"**  
**Air Force Window Specifications for Interior Offices**



Windows in Private Offices of  
Enlisted Production Recruiting Office

Note: Office has **NOT** had Paint scheme applied.

**ENCLOSURE "16"**  
**Vinyl Graphic Placement**



Note: Windows and vinyl graphic placement shall be adjusted based on space acquired



Interior Window film overlay with **Air Force or Recruiting Seal logo**. Any glass company should be able to produce simulated sandblast film overlay after accessing the required logos from the Army Corps of Engineers.



Larger view of office window with film overlay.

**ENCLOSURE "17"  
Paint Schematics**



Above Chair Rail:  
Sherwin Williams  
Extra White #7006  
Finish: Latex Satin  
Coats: 2

Chair rail  
Sherwin Williams  
Confident Yellow #6911  
Finish: Semi Gloss  
Coats: 2

Below Chair Rail  
Sherwin Williams  
Navee #1511  
Finish: Latex Satin  
Coats: 2

**Navy Flooring Specifications**

