APPENDIX "A"
Military Recruiting Facilities
CONSTRUCTION SPECIFICATIONS for Production Offices
VERSION: FY 23.1
GENERAL STANDARDS (GS)

A. General Guidance:

Each designated Military Service to be located at this recruiting facility will have their specific standards utilized along with the following **General Standards (GS).** Any significant departure from either the intent of these construction specifications or the approved Chief Architect floor plan will require prior approval of the **Corps of Engineers (COE)**.

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IMPORTANT: NOTHING IN THESE SPECIFICATIONS WILL PROHIBIT THE SUBSTITUTION, WITH PRIOR APPROVAL OF THE COE, OF AN EQUIVALENT PRODUCT, SERVICE OR FINISH (TO INCLUDE ALL PARTS, COMPONENTS, ETC. MEETING THE SPECIFIED REQUIREMENTS HEREIN). LESSOR / CONTRACTOR(S) TO PROVIDE WRITTEN CERTIFICATION OF EQUIVALENCY TO COE REPRESENTATIVE PRIOR TO APPROVAL / INSTALLATION.

IMPORTANT: For all supplied communication requirements and electronic security applications (K.1. & K.2. below), the Lessor (or their contractors) are PROHIBITED (2019 N.D.A.A. law) from providing to the Government any such equipment or services as a substantial or essential component, or critical technology as part of any system. These security / telecommunications products are PROHIBITED to be from any of the following source entities, any subsidiary or affiliate of such source entities: 1) The People's Republic of China; 2) Huawei Technologies Company; 3) ZTE Corporation; 4) Hytera Communications Corporation, Hangzhou Hikvision Digital Technology Company; 5) or Dahua Technology Company. **Lessor (or contractors) must certify the equipment is not from any of these sources and provide written confirmation to the COE Representative prior to installation. Upon acceptance of the premises, the Lessor or Contractor must re-certify in writing what equipment has been installed, and that all components comply with the 2019 N.D.A.A. requirements.**

1. The Lessor will be responsible for permitting, constructing, operating, maintaining, and obtaining a Certificate of Occupancy for the leased premises in accordance with the lease / solicitation requirements. Any changes on the build out of the premises should be addressed directly to the COE representative. The recruiters for the subject office(s) are NOT authorized to change / modify anything related to the construction of the office.

The attached conceptual drawing / Chief Architect floor plan provided by the COE representative will be used for design, planning, and bid purposes.

a. Required Lessor deliverables for Architectural / Engineering (AE) drawings:

1. The Lessor is responsible for coordinating with the COE in the development of these plans.

2. Lessor's AE drawings must be created and provided to COE representative prior to scheduling the pre-construction "kickoff" meeting.

3. **IMPORTANT:** Conceptual drawings / floor plans and/or AE drawings in draft or final form shall **NOT** be posted online or provided to third parties for security reasons.

4. COE representative to review and approve all Lessor provided AE drawings prior to starting construction activities or premises alterations. No construction shall start until the COE representative provides an official Notice to Proceed (NTP) for construction.

5. AE Drawing sets to include at a minimum (but not limited to) the following:

i. Architectural cover sheet, site, and parking plan with all details / abbreviations / symbols.

ii. Floor plan / AE drawing to provide dimensions and square foot allocations, wall, door, window, structural columns, key notes, etc.).

iii. Mechanical, Electrical and Plumbing (MEP) Engineering Drawings:

- Including low voltage communications / data / controls.
- Aiphone, CCTV, roller shade controls and security systems / items.

iv. Interior design drawings for walls, ceilings, and floor finish plan with schedules.
v. Interior / Exterior elevations with graphics and signage details / schedules, etc.
vi. Interior / Exterior door and window hardware schedules and finish details, etc.
vii. **IMPORTANT:** Once finalized and approved by local municipalities, FINAL AE drawings shall be provided to the Government in electronic formats as follows:
- PDF file(s) in 11" x 17" page format.
- Electronic DWG file(s).
- The electronic AE drawing file(s) shall serve as a basis to resolve any issues of variance which may arise.

2. **Codes and Standards:** The facility **must comply with all Federal, State and local construction standards, building codes and all other 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.
3. ***Only Energy Star*** labeled components and natural resource conserving / recyclable products shall be installed.
4. **Number of Recruiters:** For the purposes of determining the number of keys or access control system desk stations per Military Service, the following number (#) of recruiters for each Military Service is provided: Army 17; Navy 5; Marines 4; Air Force Reserve 1.

B. Mechanical:

1. Plumbing / electrical / HVAC and mechanical service lines / facilities, if located within the leased premises, shall be enclosed within wall cavities. E*xposed ducts, piping, cables / wiring, and/or conduit runs are not permitted in the offices or common areas of the leased premises. If there are Lessor / building mechanical rooms / space accessed from within the Government controlled premises, t*his enclosed space may NOT, under any circumstances, be considered part of the Government leased premises or co-used for any other purposes.
2. **Heating, Ventilation and Air Conditioning (HVAC):**
   a. The HVAC system design shall conform to applicable temperature standards and operating practices. If existing, the present HVAC system shall be balanced to accommodate the floor plan / AE drawing 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 **76** degrees Fahrenheit during the cooling season regardless of outside temperature. Areas that may be affected by solar radiation (either excessive heat gain or loss) shall be accounted for by the Lessor within the design of the HVAC system.
   b. *The HVAC system, shall be designed and provide temperature controlled thermostats in each individual Military Service office.* The contractor will coordinate with the COE on the determination of acceptable thermostat(s). A digital, 7-day programmable, code-protected thermostat shall be utilized. Thermostat's to be mounted in each individual Military Service "open office" areas.
   c. Ventilation to the leased premises shall be provided in the most energy efficient and cost-effective manner. It will meet or exceed all applicable building code standards and local ordinances.
   d. **Security Closets:** The security closet [to be utilized with the Closed Circuit Television (CCTV) system – see paragraph K.2.n. for more details] shall have its own supply and return vents installed for adequate ventilation for appropriate air flow heat dispensation.
   e. **For energy efficiency requirements:**
      1. When required by the State (e.g. - California Title 24) – all 5 ton or greater HVAC units / systems to incorporate:
         i. Air-to-Air exchanger / economizer (if not already present).
         ii. A "residential" style HVAC system with zoning / dampers to heat or cool specific areas as needed. Avoiding ductless / split HVAC systems if possible.
         iii. Smart thermostat in each individual Military Service's office.
         iv. Stand-alone HVAC system: ****NO** connection** to Government networks, internet, routers, or WiFi is allowed.
3. **Indoor Air Quality:** HVAC flush-out shall commence after construction ends and the Building has been completely cleaned. All interior finishes, such as millwork, doors, paint, carpet, and acoustic tiles must be installed, and major volatile organic compound (VOC) punch list items must be finished. Prior to occupancy, supply / return vents to be cleaned and free of construction debris / dust. Lessor shall install new filtration media and perform a building flush-out by supplying outdoor air to flush out VOC's.

C. Plumbing:

1. Potable water shall be provided to the leased premises. The Lessor 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. The water heating system shall produce and maintain a hot water temperature of 105 degrees for restrooms and the janitorial mop service sink. All water heater systems must be secured from public access and out of public view.
2. **Restrooms:** At a minimum, a unisex restroom will be provided. Recruiting offices with **six (6)** or more authorized recruiters shall require two (2) restrooms. Lessor will confirm number of restroom facilities required at this location as three (3). Restrooms shall contain, *at a minimum*, the following plumbing fixtures and approximate square footage:
   a. **Unisex / Men's:** 100 sq. ft., 1 commercial toilet, 1 urinal, 1 sink, stainless steel partitions / urinal screens as required.
   b. **Women's** (if required): 64 sq. ft., 1 commercial toilet, 1 sink.
   c. **Restroom Fixtures & Accessories:** See para. G.8.
   d. **If existing, restrooms to be updated with all appropriate paint, tile, fixtures, etc.**
3. **Drinking fountain-water cooler:** The Lessor to install a stainless steel drinking fountain equal to Elkay EZ Series, EZS8WSSK, non-filtered electric water cooler, with an attached EZH20 bottle filling station. Location as shown on the floor plan / AE drawing.
4. **Janitorial Closet:** shall contain 1-floor mounted mop sink and service faucet with a hot and cold water supply.

D. Electrical:

1. **Electrical Distribution:** Each electrical circuit shall be 20 amp rated or greater as defined by the National Electrical Code (NEC). All outlets shall be **Quadplex** unless otherwise specified, spaced a maximum of 8-feet apart and shall be installed in offices, test rooms, conference rooms (where applicable), and foyers. Installation to be at industry standard height unless otherwise specified. Installation at desktop or countertop level (as required) will be as specifically referenced on the floor plan / AE drawings.
   a. All electrical panels servicing the Government leased premises should be located within the leased premises. When located outside the leased premises inside or outside the building the panel(s) must be secured (locked).
   b. *Unless referenced differently within each Military Services' section, electrical faceplate for all outlets shall be: standard white.* For unique, Military Service specific electrical requirement(s), see applicable Military Service Attachment.
   c. Security Closet & Communication (Commo) Boards for EACH Military Service: Two (2) quadplex outlets as shown on ***ENCLOSURE # 1a and 1b*****,** (see paragraph E for more details) and commo board shall be installed on the same wall with isolated copper grounding plate connected to a green #6 ground wire which will then be attached either to the building ground or grounding rod in accordance with local standards. Note: An equivalent standard for isolated electrical ground installation is acceptable. See paragraph K.2.n. for more details.
   d. Each individual Military Service's *storage room* will have quadplex outlets spaced at 6-foot intervals.
   e. *Janitorial closet* outlet mounted 42" above finished floor (AFF); will be located as shown on floor plan / AE drawing.
   f. Conference / Multi-Purpose Rooms (if indicated on the approved floor plan / AE drawing): Install an adequate floorport to allow at a minimum: a duplex outlet, duplex CAT6 outlet, an HDMI female port, with HDMI cable run to the non-CCTV television (TV) / monitor mounting pole, and two (2) pull strings to the respective Commo Board.
   g. Additional Specific Electrical Requirements:
      1. Communications (paragraph E).
      2. Restroom Fixtures (paragraph G.8.).
      3. Single / dual roller shades (paragraph G.9.a.1).
      4. Video entry access control systems (paragraph K.1).
      5. Mounted TV / monitors (paragraph D.6).
      6. CCTV / NVR systems (paragraph K.2).
2. **Interior Lighting:** UL listed light fixtures shall be capable of producing and maintaining a uniform lighting level of a minimum of **50** 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. **LED:** Lighting provided by the Lessor in all office, hallways, display areas and test rooms will be a minimum of 2 x 4 flat panel, 4300 lumens, 4000k temperature, energy efficient, LED light fixtures, with a minimal lifespan of 60,000 hours. In lavatories and smaller rooms requiring smaller scaled fixtures, similar 2x2 energy efficient, recessed LED fixtures will be provided. **Note:** If existing light fixtures differ from those specified, the Lessor will consult with the COE on their acceptability. If existing fixtures are used, LED lamps to be installed. Interior office spaces and test rooms to have wall mounted on-off switch with full range dimmers. All other areas to use standard commercial grade switches without dimmers.

b. **LED:** Shall be installed in mechanical rooms, security closets, janitorial closets and other working areas as needed.

c. **Emergency Lighting:** Shall be built into the LED ceiling light fixtures, with an emergency driver component in order to maintain illumination throughout the means of egress. Light fixtures with emergency drivers are to be hardwired to maintain an adequate charge on battery pack to provide at least 1-½ hours of power to light as per NFPA 101. Each fixture to have a "test light indicator" (LED Combo Test Switch – (LCTS)) installed next to the fixture. The LCTS light color is preferred to be green (indicating the light and battery backup is in good working order). LCTS cover shall be white to match ceiling tiles.

3. **Exterior Lighting:**
   a. The Lessor will ensure building egress doors and designated government parking areas use energy efficient lighting with a minimum illumination of 3 foot-candles / square foot at ground level.
   b. Front entrances: Where possible, install overhead recessed and/or flush lighting fixture located directly above facility front entrance (exterior) door(s).
   c. Rear Exit, if applicable: If not already present, an exterior security light shall be installed by the Lessor. Light fixture to be LED, equivalent to 150 watts or greater, with 'dusk-to-dawn' light sensor with manual override.
4. **Outlets, Switches and Cover Plates:** Shall be standard, commercial grade. All switches shall be color coordinated with required faceplates. See specific Military Service Attachment for appropriate color information.
5. **Entry Bell:** The Lessor will install a hard-wired entry alert door chime to all front, and secondary exterior doors. NO WIRELESS and/or BATTERY OPERATED CHIMES ALLOWED. 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 and must be audible in all collocated Military Services' offices. The COE will approve the proposed tone of the chime before installation. The main entry chime shall have a two-tone ping (e.g. - "ding-dong") while the secondary exit door chimes shall have a single-tone ping (e.g. - "ding"). If site specific conditions require a non-electrical door chime, a fully mechanical system (no electrical wiring) is allowed, as long as each Military Service can hear them in their offices.
6. **Mounted TVs / Monitors:** Duplex outlet, CCTV HDMI cable, and communications outlet boxes (with CAT6) to be installed and concealed above ceiling tiles directly above TV / monitor mounting location as indicated on the approved floor plan / AE drawing. Mounting height to be **8'-6" AFF** for top edge of TV / monitor. See paragraph K.2.i for more details regarding TV / monitor mounting pole requirements.
7. **Roller Shades:** Wiring to be contained in appropriate conduit in wall and ceiling interstitial / plenum space, and be arranged in a tight compact arrangement / appearance.

E. **Communications:**
1. **Outlets, Switches and Cover Plates:** See "Electrical Distribution" paragraph D.1.
2. **Telephone Equipment:** The telephone demarcation point provided by the Lessor must be secured from public access. If required, mitigation to secure the demarcation point shall be coordinated with the COE. The telephone system 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 Service's phone service and their provider(s). The Lessor shall coordinate with the COE's representative on the number of required phone lines for each Military Service.
3. **Communications Board (known herein as the specific Military Service's "communication" or "commo" board):** Within each Military Services storage room, Lessor to wall mount a ¾" thick, 4'-0" W x 4'-0" H fire-retardant treated plywood backboard, at **4'-0" AFF.** Commo Board to have fire-resistant paint finish to match adjacent walls. The commo board location must have 36" of front clearance to facilitate access and have 2 shelves (12" x 24") and outlets mounted with locations for both as shown on ***ENCLOSURE # 1a and 1b***. See paragraph D.1. for electrical requirements.

4. **Telecommunications (See *ENCLOSURE # 1a and 1b* for a simplified diagram of telecommunications requirements):**
   a. **Outlets / Wiring:** Shall be installed within 2" horizontally of electrical outlets. These telecommunications and electrical outlets will be aligned so that the tops of both outlets measure to the same height AFF. These *telecommunication outlet* boxes shall be duplex; with 1" conduit terminating 12" above finished wall height. **Note:** The Lessor shall be responsible for any special telecommunication permitting requirements (e.g. - low voltage permits, etc.), which shall be a requirement to obtain a "Certificate of Occupancy".
      1. Each wall outlet (destination end) shall be equipped with two (2) female RJ45 sockets, each connected by a Straight-Through CAT 6 cable (T568B).
      2. All wiring coming into the top of the communications board shall be collected and routed in an organized manner.
      3. The source end of the Straight-Through CAT 6 cable shall have a minimum of three (3) feet of slack at the communications board to allow the cables to plug into Military Service(s) provided equipment. The ends of each Straight-Through CAT 6 cable at the communications board shall be equipped with a male RJ45 connector.
      4. The RJ45 connector can then be connected to a modem, router, switch, adaptive security appliance, etc., which is installed by the Military Service's telecom provider.
      5. **Each CAT 6 cable / wall outlet shall be labeled / tagged at the source (communications board) and destination (wall outlet) ends with the corresponding port number for easy identification.**
      6. All Communications outlets, faceplates, and data ports to be coordinated with electrical faceplate color requirements.
      7. For unique, Military Service specific outlet requirement(s), see applicable Military Service Attachment.
      8. For locations that have more than one Military Service sharing a communications board, each cable shall also be labeled for each Military Service as follows:
         i. Air Force = "USAF"
         ii. Air Force Reserve = "AFR"
         iii. Army = "USA"
         iv. Navy = "USN"
         v. Marine Corps = "USMC"
         vi. Air National Guard = "ANG"
         vii. Army National Guard = "ARNG"
   b. **Conduit:** The Lessor shall install conduit (minimum of 1" or greater for each office or building layout) capable of handling the telephone and high-speed internet access needs for ALL of the Military Service(s); requirements are as follows:
      1. From the building's communications demarcation point to the commo board for each Military Service within the leased premises (conduit sized to fit ALL Military Services, with two (2) pull strings per Military Service). If a junction box is necessary (due to local code) between the buildings communications demarcation point and the Military Service(s) commo board, conduit and two (2) pull strings are required between this junction box and 1) the building demarcation point; **and** 2) the Military Service(s) commo board.
      2. From each of the telecommunication wall and floor (see paragraphs E.4 & D.1.) outlet boxes to the commo board, conduit to terminate 12" above finished wall height (1" minimum diameter in size for CAT6 cabling in paragraph 4.a above). See raceway requirements below. Note: This is separate from CCTV requirements, see K.2 for more details.
   c. **Raceways:** Wiring not contained in conduit shall be raceway installed.
   d. ***Military Services Responsibilities & Equipment:*** **Military Services are responsible for all remaining telecommunications requirements via their service provider (e.g. – Verizon, AT&T, etc.) that are not reflected above. The following list (but not limited to) is what the Military Services telecom provider will install, etc.:**
      1. **Any equipment / cabling / wiring / terminations required from the building demarcation point and/or junction box to the commo board, including any equipment required at the commo board to include (but not limited to) modems, routers, PBX's, network switches, intermediate distribution frames, main distribution frames, distribution frames of any kind, patch panels, punch blocks, etc.**

2. **Any patch cables to connect all equipment.**
3. **All communications services (internet, Wi-Fi, cable TV if applicable (not part of the CCTV system), signal repeaters, etc.).**
4. **It is each Military Service's / telecom providers responsibility to coordinate with the Lessor, and to install or contract for installation, all remaining required telephone, telecommunications, and internet equipment (including any not listed in Lessor's responsibilities above).**
5. **This would include any additional low voltage communications permits as required.**

F. 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" H 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 White Cabinet:** Shall be installed within each military recruiting office, and in rear common area. Location of these units will be coordinated with the COE representative. Mounting height of protective cabinet should be 48" to 52" AFF (or as dictated by local building code regulations) with maximum travel distance to fire extinguisher of 75 feet.
4. **Dual Sensor Photoelectric / Ionization Smoke and Fire 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 detector with lithium battery backup and test function shall be installed in each military recruiting office and common 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. Access Lock-box:** Where required for rapid emergency access, COE and Lessor shall coordinate to provide access keys to Government leased premises.

G. Architectural Finishes-Fixtures-Supplies: Ceilings / Walls to be finished according to the following standards for the required Level 5 finish:

1. Gypsum Association GA-214 Standards.
2. Painting & Decorating Contractors of America (PDCA / PCA) Standard P1.
3. **Ceilings:** Office ceilings shall be ***9 feet*** or no more than ***11 feet***, from floor to lowest obstruction.
   a. **Existing:** It will be the Lessor's responsibility to consult with the COE's on the acceptability of the style of the buildings existing ceiling system. If found acceptable, all ceiling tiles that are damaged, stained or sagging shall be replaced. If matching tiles cannot be found, or if replacement exceeds 50%, then all ceiling tiles shall be replaced and meet the standard for new ceilings.
   b. **New:** A suspended ceiling system with acoustical tile panels shall be installed. It will be a 2' x 2' revealed pattern on an exposed 2' x 4' grid with 2' x 4' ceiling tile (tegular-revealed) panels. The ceiling panels and grid to be white. All panels shall have a noise reduction coefficient (NRC) of not less than **.65** in accordance with ASTM C-423.
   c. **Restrooms:** Ceiling to be ⅝" gypsum wallboard, taped and sanded, with a Level 5 finish.
4. **Walls:**
   a. **Demising and Mechanical Room:** Walls separating government leased premises from adjacent tenants and interior walls enclosing mechanical facilities will be ***erected from floor to building understructure***. It shall be constructed of ⅝", Type "X" gypsum wallboard, taped and sanded, with a Level 5 finish, applied over 3-⅝" metal studs, 16" o.c. In lieu of; **Option #1:** Steel *chain link* fence may be substituted for gypsum wallboard for wall sections above the finished ceiling line. **Option #2:** Open, 3-⅝", 25ga. (minimum) studding, 6" o.c., reinforced horizontally @ 24" o.c. maybe used without chain link fence or drywall installation above finished ceiling line.
   b. **Separation of Individual Military Service Office(s):** Walls separating collocated Military Service offices and common areas shall extend from finished floor to **12" above finished ceiling**. Construction shall be of 3-⅝" metal studs 16" o.c. with ⅝" gypsum wallboard, taped and sanded, with a Level 5 finish. See paint schedule for wall colors.
   c. **Standard Interior Office Partitions:** Walls shall extend from finished floor **to finished ceiling**. Construction shall be of 3 ⅝" metal studs 16" o.c. with ⅝" gypsum wallboard, taped and sanded, with a Level 5 finish. See paint schedule for wall colors.

d. **Sound-Proofing:** Sound attenuating batts with a minimum Sound Transmission Class (STC) of 45, when tested in accordance with ASTM E-336, shall be inserted in all demising and internal walls.
e. **Accent Walls:** Will be as specified on the floor plan / AE drawing and as referenced on the specific Military Service paint-finish schedule.

PAINT SCHEDULE

General Painting Notes:

- ***See General Standards paragraph G for requirements, inspect drywall finish prior to painting to ensure a Level 5 finish.***
- ***For individual Military Service, see the specific Military Service Attachment-Paint Schedule.***

COMMON AREA & RESTROOMS PAINT SCHEDULE						
Mfr:	**Color Name:**	**Color #:**	**Product:**	**Coats:**	**Finish:**	**Area:**
Sherwin Williams	PRIMER	ProMar 200 White (see Note 1)	B28W02600	2	Latex: Acrylic Primer	All Walls / All Painted Trim
Sherwin Williams	Common Area & Restroom Walls Worldly Gray	SW 7043 Worldly Gray	B20W12651	2	Latex: Eg-Shel	Walls (Restroom & Common Areas)
Sherwin Williams	Common Areas & Restrooms Trim Worldly Gray	SW 7043 Worldly Gray	B31W2651	2	Latex: Semi-Gloss	Trim (Restroom & Common Areas)
Sherwin Williams	Common Area Chair Rail Mega Greige	SW 7031 Mega Greige	B31W2651	2	Latex: Semi-Gloss	Chair Rail (Common Areas)
Sherwin Williams	Standard Ceiling Finish White	Standard White Ceiling Finish	Standard	2	Latex: Eg-Shel	Ceiling (Restroom)
Note 1: ***ProMar 200 Primer to be tinted to match the applicable wall color for all walls, and all painted trim.***						
Note 2: ***For individual Military Service paint-finish schedule, see specific Military Service Attachment-Paint Schedule.***						
Note 3: All window and door frames shall have semi-gloss finish; color to be: Worldly Gray SW 7043.						
Note 4: **Chair Rail** to be: Mega Greige SW 7031						
Note 5: **Restrooms** to be: Worldly Gray SW 7043						
Note 6: **Gypsum Wallboard Ceilings** ***(where applicable)*** to be: Standard White Ceiling Finish						
Note 7: If selected, contractor should request Sherwin Williams' colors as listed above for common areas. Formulas to these colors are available on Sherwin Williams' National Accounts Database.						

f. **Porcelain Wainscot Wall Tile (Restroom):** Wall tiles shall be installed per ***ENCLOSURE #2***, ***including ordering instructions***, typical wainscot pattern, including tile, transitions, and grout color designations.
g. **Fiberglass Wall Panels (Janitorial Closet):** Shall be installed to full-wall-height on all janitorial closet walls. Panels to be standard white, Class C, Fiberglass Reinforced Plastic (FRP). Panel performance to comply with ASTM E-84.

5. **Flooring:** General parameters: All floor areas will be of a common level, finished in a specified material and have a minimum live-load capacity of 50 pounds per square foot.
   a. **Porcelain Entry Tiles (Front / Rear Exterior Exits as necessary):** Porcelain tile with unpolished, non-slip surface shall be installed at the interior side of exterior / exit entrance doors for recruiting offices located in a 4-season climate zone. See ***ENCLOSURE #2***, ***including ordering instructions***, for a typical floor tile pattern, including tile color / name, grout color / name, and tile transition designations. Military Service facility front entrance tile area shall be approximately 4' L x 5' W (with one foot on each side of the door width), see where applicable. See specific Military Service Attachment for their requirements.
   b. **Lobby- Front / Rear Exterior Exit-Corridor and Restroom Areas:** Porcelain tile with unpolished, non-slip surface shall be installed in the lobby, exit, corridor, security closets (connected to common area hallways), and restroom area floors. See ***ENCLOSURE #2***, ***including ordering instructions***, for a typical floor tile pattern, including tile color / name, grout color / name, and tile transition designations. See specific Military Service Attachment for their requirement.
   c. **Storage areas:** Vinyl Composition Tile (VCT) with base cove shall be installed in storage areas. Note: See specific Military Service Attachment for requirements.

d. **Base Cove (for VCT & Carpet only):** Note: See specific Military Service Attachment for requirements.
e. **Janitorial-Mechanical room(s):** Exposed concrete with non-slip floor sealer.
Base Cove: Johnsonite / Tarkett (https://distributor.tarkett.com), Rubber; Color: #40, Black, 4" H.
f. **Carpet Schedule by Military Service (Office, test room and related areas):** ***For individual Military Service requirements, see the specific Military Service Attachment's Carpet Schedule.***

6. **Windows:**
a. **Exterior:** Windows shall be weather tight and if operable, shall be equipped with lock assemblies. Window unit(s) that cannot be secured must be replaced.
1. **Existing Laminated Glass - IMPORTANT:** Lessor will confirm that all glass meets the following minimum requirements: a nominal ¼" thick laminated glass pane fabricated from two pieces of nominal ⅛" thick glass bonded together with a minimum 0.030" polyvinyl butyral (PVB) interlayer. If the window contains an insulating glass unit (IGU), then the innermost lite must be the laminated glass noted above and the outer lite may be monolithic glass. If the Lessor is unable to provide written confirmation that the existing glass meets this requirement, then glass fragment retention film **must** be installed as indicated below. With written confirmation from the Lessor / contractor stating laminated glass is present (on **ALL** windows / doors that are on the perimeter of the Government's leased premises, regardless of the window being to the outside air or a shared common space with other tenants) and meets the required standards above, fragment retention film is not required.
2. **Glass Fragment Retention Film - IMPORTANT:** Without written confirmation of laminated glass installed, all glass in exterior windows and doors shall have fragment retention film applied to the interior (room) side in accordance with manufacturer's instructions by a certified installer. Fragment retention film can be either optically clear or, if approved by Lessor, with a light gray tint or a reflective surface. Film shall be 3M Safety & Security Window Film, series type Ultra S800 or Ultra Prestige S50. Film may be substituted that meets or exceeds the specified films (along with manufacturer's flexible-mechanical or structural silicone adhesive anchoring systems), with prior approval of COE. Film shall be attached to the interior frame on all four (4) sides using an anchoring system in accordance with the manufacturer's instructions for the chosen system. The anchoring system must use 3M Impact Protection Profile BP700 Attachment System, a flexible-mechanical, pre-molded profile strip with adhesive "legs". If the flexible-mechanical method is unacceptable to Lessor, then the anchoring system shall use the 3M Impact Protection Adhesive structural silicone adhesive. **Under NO circumstances are standard sealant or caulk compounds to be utilized for adhesive anchoring of the film**. Note: If used, the structural silicone adhesive color shall complement existing framing system and adhesive shall be applied only after the window has been masked with 1" blue "safe release tape" applied to both film and window frame to assure clean, gasket-like appearance when tape is removed. For 'wooden window / door frame systems', an anchoring system need not be applied to glass fragment retention film edges (daylight application). If selected, for installation, government pricing-expedited delivery is available from; Window Film Depot, P.O.C. Jeff Franson, 866-933-3456; email: jeff@windowfilmdepot.com.
3. **Mini-Blinds:** NOT TO BE INSTALLED ON ANY EXTERIOR WINDOWS OR DOORS.
4. **Roller Shades:** See Para. G.9.a.1. (below).
5. **Perforated Window Wraps:** See Para. G.9.b.

b. **Interior:**
1. **Windows:** A 3'-0" H x 4'-0" W fixed, glass window set in metal frame shall be installed in interior walls of hallways and recruiter-in-charge office(s) at a height of window frame approximately 42" AFF. Note: Ganged windows along hallways are acceptable. These windows shall meet all safety code requirements and be equipped with mini-blinds that meet standards referenced in G.9.c. (below).
2. **Test Room(s):** *Except for the Marine Corps*, test rooms shall have an individual window(s) as indicated on the floor plan / AE drawing. Mini-blinds are not to be installed for these windows.
3. **Window Frames:** Window frames shall match interior door frames in color, style, and material. See para. G.7.b. Interior Finish for guidance.
4. **Mini-Blinds (interior windows / doors only, except test rooms):** See Para. G.9.c.

7. **Doors:**
   a. **Exterior:** All exterior doors shall be weather-tight, with **Grade 1** hardware, anti-pry plate / latch bolt protector, and with finish to match existing store front. If existing, any double-door entrance will be eliminated either by a permanent one-door, lock down or by a complete replacement to a single-door entry system. Note: Reduction in exit width shall be compliant with all building / fire code requirements. Additionally, if removable, all door hinge pins exposed to the outside exterior of the office premises will be secured to prevent manual removal.
      1. **Fragment Retention Film**: The Lessor will confirm and provide written confirmation that the existing glass in doors meets the minimum laminated glass requirements identified in Para. G.6.a above or else fragment retention film must be installed. When required, the fragment retention film for exterior glass doors shall be installed.
      2. **Fixed Panel Shade:** See paragraph G.9.a.1.ii below for details.
      3. **Main entrance:** Doors shall be equipped with dead-bolt lock-set, automatic door closer and entry alert door chime system. (See para. D.5. entry bell and para. K.1. video access control system requirements).
      4. **Secondary Exits:** Steel doors and frames are required unless building aesthetics / standards only allow glass / other door types. Doors shall be equipped with the following: an automatic door closer with a dead bolt panic bar assembly; Securitech, Model: #**TEL-200F, TEL-KLT-AP, TEL-EP1**; entry alert door chime system (see para. D.5. entry bell) and a model number Nuk3y - 220 degree wide angle heavy duty door viewer (peephole) in satin nickel ~ approximate installation height to be 5'-0" AFF. Door viewer to have optics which will provide a sharp and clear view to the exterior side of the exit door. **Note:** If glass doors are present, an Adamsrite 8800 Series (Life Safety) Narrow Stile Starwheel Rim Exit Devise (panic bar) is to be used (replaces the Securitech model), along with all additional door security components.
      5. **Anti-Pry Plate (aka Security Latch Guard):** Install a stainless steel anti-pry plate that is a minimum of: 12 gauge thickness, 10" L, and 3.25" W. Mounting studs shall be concealed welded on the back side of the security plate thereby leaving no point of attack from the building exterior. Note: Anti-Pry plate provided must conform to existing door configuration (e.g., offset, door handle, etc.).
      6. ***Keying or Re-Keying: Before delivery and acceptance of the premises, all previous existing exterior door-locks shall be re-keyed***. The Lessor will be responsible for coordinating with the COE on the number of new keys required to be furnished to each Military Service. (Note: Both front and rear exterior exit doors should be same-keyed.) **EACH** individual Military Service office shall be separately keyed. Keys to be minimized / same-keyed for each Military Services front and rear exit (interior and exterior doors), security closet and each Military Service specific interior doors (excluding Station Commanders Offices). Station Commanders Offices shall be separately keyed. See also paragraph A.4 regarding the number of recruiters needing keys.
      7. Mini-blinds **NOT** to be installed on exterior windows or doors.
   b. **Interior:** All interior doors will be a solid-core, flat panel, maple veneer, pre-hung wood unit **with metal door frame** with convex door bumper. **Hardware sets** including a door lever profile similar or equal to Hager, style; 'August', shall be **Grade 2 or better** with brushed, stainless steel finish or finish to comply with existing standards.
      1. See also paragraph G.7.a.6 for keying details, and A.4 regarding the number of recruiters needing keys.
      2. All interior doors shall be a minimum thickness 1-¾", solid core, 36" x 80".
      3. **Finish:**
         i. Frames (for doors & windows) to be as referenced within each Military Services Paint Schedules (except Air Force in paragraphs G.4 and G.5).
         ii. Door color to be stained MinWax, Red Chestnut #232 (on all sides). Two (2) coats of polyurethane matte finish to be applied to stained areas.
         iii. All interior door frames to match interior window frames in style and finish.
      4. Main Access to each Military Service, Recruiter-in-charge interior office(s) and Test Rooms to have ***full-length glass door.***
      5. Mini-blinds to be installed on interior doors (except test rooms): See Para. G.9.c.

6. If applicable, any secondary Military Service access door from each office into Government controlled common area space shall have a model number Nuk3y - 220 degree wide angle heavy duty door viewer (peephole) in satin nickel, ~ approximate installation height to be 5'-0" AFF.
7. **The following hardware schedule shall apply:**

INTERIOR DOOR HARDWARE SCHEDULE

Hardware Grade No. 2 or better:	Solid Core:	Minimum Size:	Hardware Set:
Interior Entry / Exit Doors (w/in Gov't controlled leased premises)	X	36"x80"	D
Test & Interview Rooms	X	36"x80"	E
Private Offices	X	36"x80"	B
Storage Room	X	36"x80"	B
Security Closet	X	30"x80"	B
Janitorial Closet	X	36"x80"	A
Restrooms	X	36"x80"	C
Mechanical Room (if applicable)	X	36"x80"	D

Hardware Set Descriptions:
A: Dead bolt lock with interior thumb latch.
B: Standard with key lock (single-cylinder).
C: Thumb latch.
D: Standard key lock with dead bolt (both single-cylinders).
E: Standard (passage) door set - without lock.
NOTE: Lessor will be responsible for coordinating with COE on the number of keys Required to be furnished for each Military Service. See also paragraph A.4 regarding the number of recruiters needing keys.

8. **Restroom Fixtures, Accessories and Miscellaneous:** Shall contain the following:
   - **a.** Faucet(s) to be a hardwired touchless, finish to be stainless steel (SS).
   - **b.** Toilet flush valves to be a hardwired touchless, finish (SS).
   - **c.** Urinal flush valves to be a hardwired touchless, finish (SS).
   - **d.** Foam soap dispenser to be a hardwired touchless, wall mounted - finish (SS).
   - **e.** Mirror (above sink) with shelf – finish (SS).
   - **f.** Dual-roll toilet paper dispenser – finish (SS).
   - **g.** Commercial grade, stand alone, waste receptacle – finish (SS).
   - **h.** Commercial grade, hardwired wall mounted, touchless hand-dryer – finish (BSS). Hand-dryer to be equal to or better than Xlerator Model # XL-SB.
   - **i.** Urinal screen and/or toilet partition panels – finish (SS).
   - **j.** Sanitary napkin waste receptacle, wall mounted (Unisex, Women's restroom) – finish (SS).
   - **k.** Coat hooks: inside face of each water closet stall door and wall mounted adjacent to lavatories and/or where appropriate – finish (SS).
   - **l.** Exhaust fan; 100cfm minimum or as required by code; sound level <2.0 sones.
   - **m.** GFI electrical outlet adjacent to mirror / sink.
   - **n.** If existing, restrooms to be updated with all appropriate paint, tile, fixtures, etc.
9. **Miscellaneous:**
   - **a. Exterior Windows / Doors:**
     1. **Roller Shades:** ALL exterior windows shall have roller shades installed. WHEN INSTALLED, SHADES SHALL NOT ALLOW FOR ANY VISUAL GAPS.
        - **i. Roller Shades (windows only)**: The Lessor will coordinate with the COE as to whether single roller shades are required. Single or Dual shades to be Hunter Douglas, Contract Roller Shade: Model #RB500 or equivalent. Fascia & End Cap finishes to be "anodized aluminum". These

shades will not require military logos. To ensure a uniform appearance, all window shades will be motorized, with an appropriate electric wall switch control(s) as identified on the floor plan / AE drawing. Roller Shade couplers will be used to minimize the number of motors and electrical drop(s) required (up to 300" in length and/or 6 roller shades). **All electrical power to be hardwired within conduit inside walls.** Shades shall NOT be installed inside the window frame (in order to connect multiple roller shades together with a single motor). Motor to be, Sonesse Ultra model # 50 RA with a sound level equivalent to an office conversation. Installation shall be as per manufacturer's written instructions ~ to include all necessary blocking and structural supports. Shades to include the required number of Individual Group Control (IGC) 4N1 motor controls with a HARDWIRED DecoFlex Dry Contact Keypad / Switch. Keypad / Switch to have the appropriate number of channels to address any potential variety of multiple shade zones ~ dependent on floor plan / AE drawing layout. **NOTE: BATTERY OPERATED KEYPADS ARE NOT ALLOWED**. Shades will have a lifetime warranty and pass the NFPA 701 Small Scale test. If window(s) cannot be equipped with roller shades, either because of their unique shape and/or the inability to install the shade correctly, then only with expressed prior approval of the COE, a fixed panel shade shall be applied in accordance with fixed panel specifications below. If already installed, existing glass block requires no window covering. For wiring diagrams, see ***ENCLOSURE #3 and ENCLOSURE #4***.

- **Single Roller Shades (windows only)**: Privacy shade shall be a fabric equal to Hunter Douglas SheerWeave 7100, color White. If the 7100 fabric is not available, the SheerWeave 7400 fabric (color: Cotton), is acceptable. To be installed when an exterior perforated window wrap IS INSTALLED / WILL be applied to the exterior windows (Lessor to coordinate with the COE). See Para G.9.b. for Perforated Window Wrap guidelines.
- **Dual Roller Shades (windows only)**: Dual Roller shades will be installed when an exterior perforated window wrap IS NOT or WILL NOT be applied to the exterior windows. Shades to have both 'Sheer' and 'Privacy' fabrics. The 'Sheer Shade' shall be of a fabric equal to Hunter Douglas E Screen color, White / White with an openness factor of 3% and shall be closest to the window. The 'Privacy Shade' shall be fabric equal to Hunter Douglas SheerWeave 7100, color White. Note: If a dual shade application is required, it may be necessary to install two individual shades if existing window conditions do not allow enough room to accommodate a dual shade bracket.

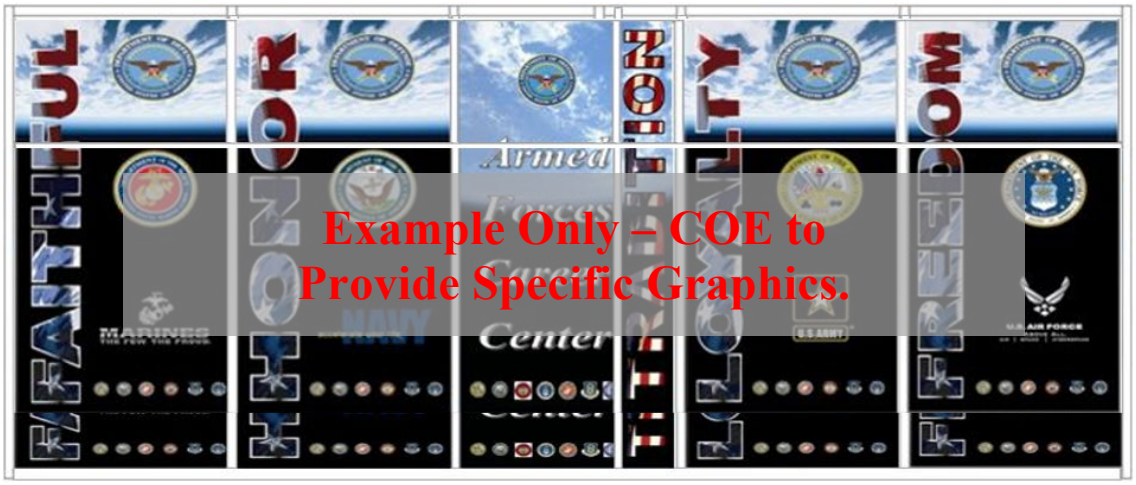
ii. **Fixed Panel Shades**: All exterior glass entrance doors shall have a fixed panel shade installed on the interior side of the glass. This fixed panel shade shall include:

- Fixed panel shades to be Hunter Douglas Contract Shade: Model #RB500 or equivalent.
- Shade shall be a sheer fabric equal to Hunter Douglas E Screen color, White / White with an openness factor of 3%.
- Fixed panel shall have a thread reinforced welded pocket.
- Attachment anchoring system to be clear anodized aluminum rods, mounted with fixed rod mount in a silver finish using # 8 stainless screws and be affixed to the door frame.
- Shade shall eliminate all light gaps with a minimum of ½" overlap.
- Door(s) shall receive separate top and bottom panels. The top panel to cover all exposed glass above the door handle. The bottom panel to cover all exposed glass below the door handle. If no door handle exists, two separate panel shades are also to be installed for stability.
- Any sidelight or transom windows adjacent to door(s) too narrow to receive roller shade(s) or unable to be effectively covered by specified roller shade(s) shall receive a single fixed panel shade as described above.
- Installation shall be as per manufacturer's written instructions.
- See ***ENCLOSURE #5*** for typical pictures and installation drawings for the fixed panel shades. This enclosure includes Hunter Douglas drawing specification number references which will ensure proper materials are ordered.

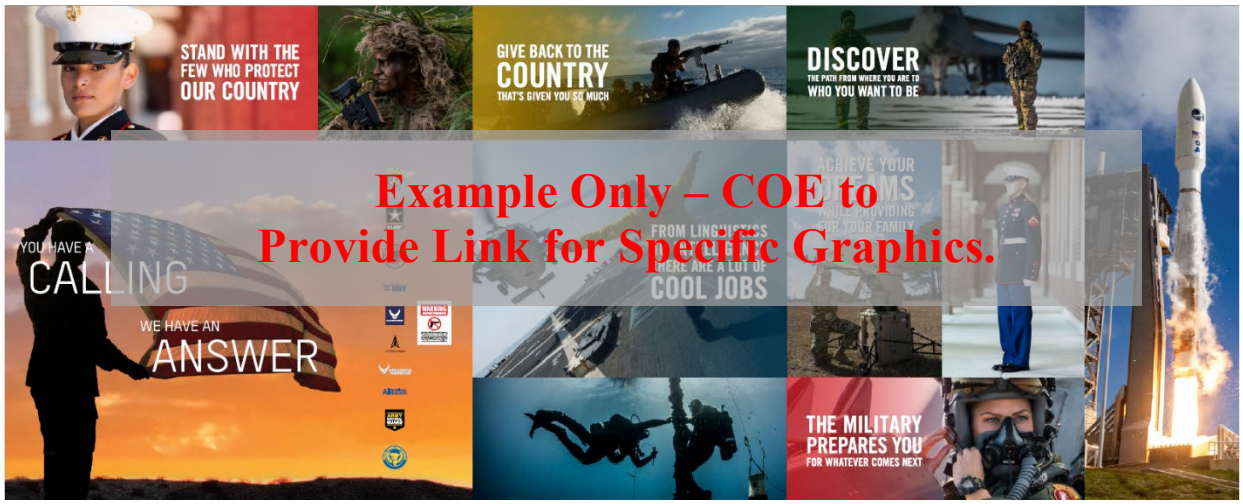
iii. If selected, for installation and government pricing-expedited delivery: Hunter Douglas Contract division; P.O.C. Nichole, 1-800-417-3248; email: armycorpsorders@hunterdouglas.com. Installation video can be found at the following link: https://www.youtube.com/watch?v=DEWBwhFNIaI

b. **Perforated Window Wraps**: The application of perforated window wraps is dependent upon the type of facility, along with other requirements. COE representative / Military Service(s) shall have control over what graphic is applied, what position the graphic will be placed and on which windows. Lessor / contractor will coordinate with the COE representative.

1. **Stand-Alone OR Collocated with Separate Entrance Doors**: Install perforated window wrap with appropriate Military Service(s) graphic on the exterior of all storefront glass. **Perforated window wrap installations shall have 100% coverage of all exterior glass**, including common areas (see individual Military Service graphic requirements). The Graphic below is provided for example purposes **ONLY**. The COE Representative to provide the appropriate link for each Military Services graphic (all appropriate files to be downloaded by contractor for use).



2. **Collocated with a Shared Entrance Door (JRFC Graphic):** When multiple Military Services are present and they share the same entrance door, a "JRFC Graphic" will be installed. **Perforated window wrap installations shall have 100% coverage of all exterior glass**, including common area windows (if applicable). If Military Service "exclusive" windows on the sides or rear of the premises (not front windows) are present, individual Military Service graphics can be applied to those windows (coordinate with the COE Representative). The JRFC Graphic image shown below is provided for reference purposes **ONLY**. This image will be included in a PDF "Style Guide" that the contractor **MUST** download with detailed instructions. The image needs to be **put together with specified materials and look as close to the below image as possible**. In the Style Guide, the black lines represent window / door mullions. The COE representative will provide a link and folder name for the contractor to download ALL appropriate files necessary (36 in total) to create / install the JRFC Graphic:



3. **The Lessor will provide all graphics examples and mockup elevations for COE approval, and when chosen, provide final proofs and storefront elevation renderings of the approved graphics**.
4. The approved graphic(s) shall meet the following standard(s) or equivalent on all storefront window wrap applications (including all manufacturer installation requirements MUST be followed, especially for temperatures, for the installation of all perforated exterior graphics):
   i. 3M, 8170 – P40 (40% perforated), 4-mil, opaque, cast vinyl film with a high gloss finish.
   ii. Window graphic film will have a visual obscurity density of 60 / 40.
   iii. Apply 3M Scotchcal Optically Clear Gloss Overlaminate (8518) and shall be laminated prior to installation.
   iv. Apply 3M edge sealer tape 8914 at time of installation to all edges of the perforated film to prevent pealing.
5. The Lessor will coordinate with the COE representative regarding the correct graphic. The following are the types of graphics that might be installed at a location (as indicated in #1 and #2 above), and in rare cases both could be installed.
   i. Military Service Individual Graphics (Stand-alone OR Collocated with separate entrance doors).
   ii. JRFC Graphic (Collocated with shared entrance door for all Military Services).
6. **Note:** Only the COE representative will make the final decision on the approved graphics.

c. **Interior Windows / Doors:**

1. **Mini-Blinds:** All interior windows and glass doors (except test rooms) shall be equipped with mini-blinds having non-corroding mechanisms and synthetic tapes. Each window shall have its own individual mini-blind. Mini-blinds shall be Hunter Douglas Contract CD Series, Style: CD-80, Color: Brushed Aluminum #065, with 1" wide aluminum horizontal slat with beveled steel profile or approved equal. **Test and Interview room windows DO NOT have mini-blinds**. Note: To

prevent swaying, mini-blinds that are installed on interior doors must be secured at the bottom of the door with metal clips.

d. Mail Delivery: Exterior doors with existing mail slots shall be replaced. Replacement door(s) to conform to existing store front and/or building design standards. Lessor will coordinate with COE and USPS on the appropriate mail delivery method. Delivery to be by external secured cluster box.

e. Chair Rail: Shall be installed on common area walls, excluding restrooms, and as referenced on the individual, Military Services' finish schedule / floor plan / AE drawing. Chair rail to be mounted at bottom edge, 30" AFF, with semi-gloss paint finish. Profile to be Alexandria Moulding: AMH 300 1-1 / 16" x 3", primed finger-jointed pine chair rail moulding. **See specific Military Services' Attachment for their specific requirements**. **Note:** Example of designated chair rail shown below:

f. Shelving:

1. **Storage rooms:** Shall have a minimum of four, 16" deep, industrial grade, tight-wire-mesh shelves with support brackets affixed to wall studs, 16" o.c. Shelves shall be installed approximately 15" o.c. vertically, beginning 30" from floor and be capable of maintaining a structural integrity of 50 lbs / lf deadload. *Design of the shelf system shall be approved by the COE before installation.*
2. **Janitorial closet:** Shall have a shelf system consistent with that installed within the typical Military Service storage room; minimum two (2) shelves, minimum size to be 12" x 24".

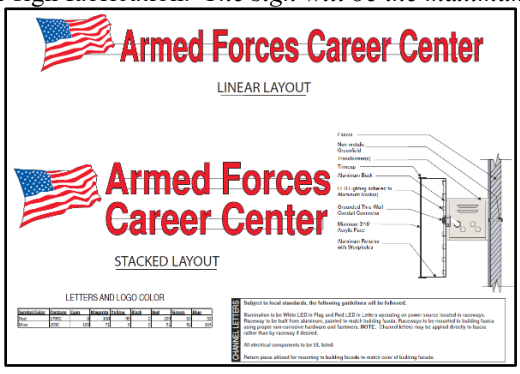
g. Desktop:

1. **Test Room:** Where installed, desktop to be approximately 30" AFF x 24" D, with a rear installed grommet to allow electrical / data cable access along with an appropriate, under-counter support. Electrical and data outlets are to be located and centered under desktop. Desktop shall be adequately supported by under-desktop support braces to prevent future sagging. See specific Military Services' Attachment for requirements.

h. Security Closet: See paragraph K.2.n. for security closet specifications.

H. Signage:

1. **Exterior Signage:** If collocated, Brand Identity Sign will read **"Armed Forces Career Center"** and shall comply with local building code requirements and Lessor specific guidelines. The sign shall have LED technology and be fabricated and installed in accordance with the referenced graphic and design standards. Channel letter returns and raceway color to match building façade. Note: The COE will provide an EPS format file to the Lessor for sign fabrication. *The sign will be the maximum size allowed by code.*



Note: If appropriate, to achieve contrast to the building façade, white lettering may be substituted for red lettering.

a. Collocated offices (side by side entrances) are to receive the "Armed Forces Career Center" signage.

b. Signage requirements for single, stand-alone recruiting office, see specific Military Service Attachment-Exterior Signage.

c. If applicable, separate small individual exterior cabinet / box signs shall be provided above each individual Military Service entrance (on the façade or perpendicular to the door, hung from the covered walkway ceiling). These are in addition to the **"Armed Forces Career Center"** sign. These internally illuminated LED small entrance cabinet / 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 black, Lexan face with white Helvetica Condensed lettering.

d. All signs will function by use of a 'dusk to dawn' light sensor. ***The Lessor shall ensure proper sign erection and electrical installation.***

e. Marquee / Monument / Pylon Sign (road side - as applicable): For a stand-alone Military Service, sign panel shall reflect the residing Military Service. If collocated, sign panel will read "Armed Forces Career Center". If panel size permits, the American flag, should be utilized as an identifying feature. See potential example below (Lessor to coordinate with COE on specific design).

MONUMENT/PYLON SIGN

Note: Additional security signage is listed in Paragraph K "security applications" below.

f. Perforated Window Wrap: See paragraph G.9.b. for full details.

2. Interior Signage:

a. Hallway blade sign(s): Size not to exceed 5" x 30" and be constructed of a satin black panel with surface-applied, silver, self-adhesive, vinyl lettering identifying the applicable Military Service. Mounting height to be a minimum 84" AFF from the bottom edge of sign.

b. Restroom signs shall be provided and constructed of a durable material and affixed to the door of each restroom and will meet all ADA / ABAAS requirements for placement to include minimum mounting height, Braille lettering standards and sign graphics.

c. Window / wall graphics: See specific Military Service Attachment for requirements.

I. Parking: The Lessor will identify all designated government parking spaces on an approved parking / site plan. Parking / site plan is to be framed and permanently affixed to each Military Services rear exit door.

J. Landscaping: The COE along with the Lessor shall approve any proposed contractor installed landscaping at facilities where the Government is the sole occupant.

K. Security Applications: The entrance(s) to the exterior front entrance doors shall be secured by a Video Intercom Entry Control and CCTV / NVR systems. If existing, to be acceptable, a building Intercom Entry Control system must meet the below referenced specifications.

Note: All supplied / installed components / equipment shall be equal to or exceed the performance of the models referenced below.

1. Video Intercom Entry Control System for Single Military Service OR Multiple Military Service Locations:

IMPORTANT: For all supplied communication requirements and electronic security applications, the Lessor (or their contractors) are PROHIBITED (2019 N.D.A.A. law) from providing to the Government any such equipment or services as a substantial or essential component, or as critical technology as part of any system. These security / telecommunications products are PROHIBITED to be from any of the following source entities, any subsidiary or affiliate of such source entities: 1) The People's Republic of China; 2) Huawei Technologies Company; 3) ZTE Corporation; 4) Hytera Communications Corporation, Hangzhou Hikvision Digital Technology Company; 5) or Dahua Technology Company. **Lessor (or contractors) must certify the equipment is not from any of these sources and provide written confirmation to the COE Representative prior to installation.**

A surface mounted video intercom entry control system shall be installed ONLY AT THE EXTERIOR MAIN-ENTRANCE to the military recruiting station ~ rear doors are excluded. The installation of the entry control system shall be in accordance with the attached "Decision Trees" and the approved floor plan / AE

drawing to the lease. This system may require a coordinated electric door strike, Deadlatch, appropriate power supply and release configuration. At a minimum, the system will receive an electric door strike. It should be understood that nothing in this specification is intended to prevent the need for any site-adapted / specific requirements. The security contractor will advise the Corps of Engineers (COE) before bid submittal of any unique site / office layout requirements which will impact their bid proposal. A licensed electrician and/or locksmith to be used for seamless operation, adjustments to the locking mechanisms and doors.

Depending on the specific recruiting office layout, the video intercom entry control system components should include the following ~ as applicable:

a. Access Control Systems – Review the types of entrances below (single Military Service or multiple Military Service scenarios) and apply the most appropriate system:

1. ***Single Military Service Stand-Alone Locations & Multiple Military Service Locations with Separate Entrance Doors for each Military Service – Aiphone JP Series System*** **- https://www.aiphone.com/products/jp-series (i.e. - locations with one front entry door for a single facility):**

i. Door Station(s): Mfr; Aiphone, Model # JP-DV, Pan Tilt Color CCD camera with infrared illumination, or equivalent. Power supplied by the Master Desk Station.

ii. Master Desk Station(s): Mfr; Aiphone, Model # JP-4MED, or equivalent. One master desk station is required per installed system. Each master desk station requires the installation of a duplex outlet for the power supply. **Power Supply (for the Master Desk Station):** Mfr; Aiphone, Model # PS-2420, or equivalent.

iii. Sub-Master Desk Station(s): Mfr; Aiphone, Model # JP-4HD, or equivalent. One (1) sub-master desk station is required for each Military Service facility (regardless of how many recruiters are present in each Military Service facility). The maximum quantity (up to 7) possible per system is to be installed, depending on the number of recruiters in the facility (see paragraph A.4 for the number of recruiters for each Military Service).

iv. Aiphone JP-8Z Distribution Adaptor for JP-4HD ~ for JP Sub -Master Station series. The JP-8Z will require one power supply for 4 or less desk stations. It will require two power supplies for more than 4 desk stations. **Power Supply to be:** Mfr; Aiphone, Model # PS-2420, or equivalent. The JP-8Z shall be installed in the security closet.

v. Aiphone MCW-S / A Desk Stand.

vi. Aiphone JK-MB Mullion mount for door station.

vii. Aiphone RY-3DL selective door release. (allows Military Services to release only their door).

2. ***Multiple Military Service Locations with a Shared Entrance Door – Aiphone GT Series System*** **- https://www.aiphone.com/products/gt-series-versatile-multi-tenant-video-intercom (i.e., locations that have a single common front entrance door for two or more Military Services):**

i. Door Station(s):

- **Framing:** Mfr; Aiphone, Models # GF-2F2 front frame (2 needed) and GT-202H Rain Hood.
- **Camera and Camera Panel:** Mfr; Aiphone, Models # GT-VB and GT-VP. To be placed top left on GF-2F2 front frame. Pan Tilt Color CCD camera with infrared illumination, or equivalent.
- **Audio Speaker and Panel:** Mfr; Aiphone, Models # GT-DB and GT-DBP. To be placed bottom left on GF-2F2 front frame.
- **4 call switch Module and Panel**: Mfr; Aiphone, Models # GT-SW and GF-4P. To be placed top right on GF-2F2 front frame.
- **Access Keypad:** Mfr; Aiphone, Model # GT-AC. To be placed bottom right on GF-2F2 front frame.
- Power supplied by the Master Desk Station for the above components.
- To account for 5 or more Military Services on the door station insert the following. Add an additional GT-SW and GF-4P in lieu of the GT-AC component in the bottom right of the GF-2F2 front frame. Install an additional GF-2F2 to the existing framing. Add the GT-AC to the top section and a blank GF-BP to cover the bottom section.

ii. **Master Desk Station(s):** Mfr; Aiphone, Model # GT-2C (with GT-HS handset add-on), or equivalent. One master desk station is required per installed system per Military Service. Each master desk station requires the installation of a duplex outlet for the power supply and outlet protector equal to Lectra Lock model # LDM11-12 and "Do NOT Unplug Labels" part # DNU-LB.

iii. **Power Supply (for every Master Desk Station installed):** Mfr; Aiphone, Model # PS-2420, or equivalent.

iv. **Sub-Master Desk Station(s):** Mfr; Aiphone, Model # GT-2H (with GT-HS handset add-on), or equivalent. One (1) sub-master desk station is required for each Military Service facility (regardless of how many recruiters are present in each Military Service facility). The maximum quantity (up to 3) possible per system is to be installed, depending on the number of recruiters in the facility (see paragraph A.4 for the number of recruiters for each Military Service).

v. Aiphone GT-HS – Phone add on for ALL GT-2C and GT-2H desk stations.

vi. Aiphone MCW-S / A Desk Stand for ALL desk stations.

vii. Aiphone GT-BC – GT audio control unit.

viii. Aiphone GT-VBC – GT video control unit.

ix. Aiphone W-DIN11 – DIN Mounting Rail (2 needed).

3. **The following items are required for ALL Video Intercom Entry Control Systems:**

i. **Door Strengtheners:** Mfr: DON-JO: www.don-jo.com (door / hardware specific **as needed for long term proper door usage (connectivity of access control system components)**, to be determined by system installer / contractor (e.g. - wrap around plate; inactive door wrap around strike prep; hinge side wrap around reinforcement; mortise lock wrap around; door reinforcer [deadbolts & key-in-knob locks]).

ii. **Electronic Door Strike:** Mfr; Aiphone Electric Door Strike Plate with fail secure lock (Fail secure locks and strikes require power to unlock) – Model #EL-12S or equivalent. Electric door strikes will be used in all cases.

iii. **Deadbolts:** If the front access door where the Aiphone is installed has an existing "deadbolt", the deadbolt shall NOT be removed, unless local code requires its removal. If a deadbolt is not present, a Grade 1 deadbolt shall be installed, unless local code prohibits its use in conjunction with this access control system.

iv. **Low Voltage Power Supply:** Mfr; Altronix, Model # AX-SMP5PMCTX.

v. **Power Cut-Off Switch:** Mfr: Cooper Wiring Devices, Single Pole Light Switch.

- Installation of a single in-line power cut-off switch (for each exterior door) shall be installed for each intercom entry control system. Cut-off switch MUST be inside of the government's controlled premises. This cut-off switch shall be installed as follows:
- New construction: Switch to be located within the built-in security closet in one of the following locations: 1) Single Military Service location: in the station commander / recruiter in charge office OR if no station commander / recruiter in charge office, in the security closet within the open area of the office (see approved floor plan / AE drawing for details); 2) Multiple Military Service locations: this switch shall be in the security closet to the rear of the station (typically a common area hallway) with access for all Military Services.
- System cut-off switch (and faceplate) to contrast in color from surrounding light switches.
- System cut-off switch also to be protected / secured from tampering by the public and to have a clear plexiglass cover.
- Installation to be located at industry standard height for light switches.
- System cut-off switch signage: Switch shall be labeled as "Video Intercom Entry Control System" and shall be made of vandal resistant materials. See signage paragraph below for more details.

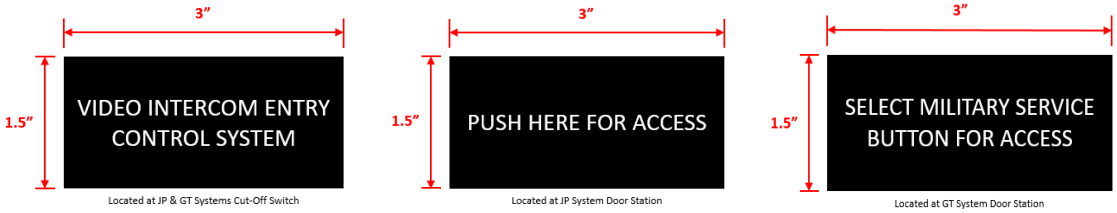
vi. **Deadlatch:** Mfr; Adamsrite Replacement Deadlatch, 4510 Series, Grade 1. Note: Latch for electronic door strike is unique for each site. Contractor will coordinate conditions on selection of appropriate hardware. Installation required to be fail-secure.

vii. **Mechanical Deadlatch Push Paddle:** Mfr; Adamsrite Deadlatch Paddle, Model # 4591M, Grade 1. Or an alternative option: an electronic latch retraction Adamsrite Model # 8800 Series, Grade 1 (Life Safety), Narrow Stile Starwheel Rim Exit Devise (panic bar). Installation required to be fail-secure and match surrounding hardware in color when possible.

viii. **Keypad Entry Unit: [Keypad shall be installed for JP systems. Note: GT systems keypad listed above.]** Mfr: Aiphone, Model # AC-10S (flush or surface mounted) as appropriate for the situation. Note: A keypad entry unit shall be installed on the exterior of the leased premises for all doors equipped with an electric strike.

ix. **Signage:** Install **vandal resistant** signage next to exterior intercom door station(s):

- Single Military Service Locations - "Push Here for Access".
- Multiple Military Service Locations (with buttons for each Military Service) - "Select Military Service Button for Access". Contractor to also include printed label for each button on the door station at time of installation for each Military Service present.
- The system cut-off switch will be labeled "Video Intercom Entry Control System".
- Minimum size of signage shall be equal to 1.5" in height and 3" in width as shown below:



x. **Anti-Pry (aka Security Latch Guard) Plate:** Install a stainless steel anti-pry plate that is a minimum of 12 gauge thickness, 10" L, and 3.25" W. Mounting studs shall be concealed welded on the back side of the security plate thereby leaving no point of attack from the building exterior. [Note: Anti-Pry plate provided must conform to existing door configuration (e.g., offset, door handle, etc.)].

xi. **Wire / Cabling:** All necessary wiring / cabling shall be installed as applicable for the system to function. Whenever possible, all system wiring / cabling shall be run inside walls to conceal them from sight and tampering and in accordance with local code. See wiring diagrams for the JP (***ENCLOSURE # 6***) or GT (***ENCLOSURE # 7***) systems.

- For the JP system, the following requirements are to be followed:
  - **a.** **Outlets** shall be installed adjacent to electrical outlets with, at most, a 2" space horizontally between the two boxes. These Aiphone system outlets shall be aligned to the electrical outlets so that the tops of both outlets measure to the same height AFF. These *Aiphone system outlet* boxes shall be duplex; each connected by ¾" conduit.
  - **b.** Each wall outlet (destination end) shall be equipped with two (2) female RJ45 sockets, each connected by a straight-through CAT 6 cable (T568B). Each wall outlet socket shall have a port identification number which corresponds with the source end at the communications board (also called "commo" board) of the CAT 6 cable tag plugged into the Aiphone JP-8Z Distribution Adaptor.
  - **c.** *Unless otherwise noted, data port faceplates for all outlets shall be: standard white.*
  - **d.** Air Force data ports and faceplates installed on walls with chair rail shall be Leviton Gray if located below the chair rail. Data ports and faceplates installed in rooms without chair rail or installed above a chair rail are to be standard WHITE.
  - **e.** Marine Corps data ports and faceplates installed shall be Leviton Gray.
  - **f.** All Aiphone system wiring located at the commo board shall be collected in an organized manner and the source end of the straight-through CAT 6 cable shall terminate with a minimum of six (6) feet of slack from the junction box at the commo board to allow slack for the cables to Aiphone JP-8Z Distribution Adaptor equipment. The ends of each straight-through CAT 6 cable shall be equipped with a male RJ45 connector at the JP-8Z and hardwired into the back of the faceplate.
  - **g.** The outlet at the destination end shall have a straight-through CAT 6 cable attached to the wall outlet and the desk station using male RJ45 connectors on both ends. There should be a minimum of six (6) feet of slack from the wall to the desk station (in addition to what is required to hook up the desk station.
  - **h.** Each cable shall be labeled / tagged at the source end (at the Aiphone JP-8Z Distribution Adaptor) with the corresponding port number at the destination end for easy identification.

i. For locations that have more than one Military Service sharing an Aiphone system, each cable for a specific Military Service shall also be labeled for each Military Service as follows:

1.	Air Force	=	"USAF".
2.	Air Force Reserve	=	"AFR".
3.	Army	=	"USA".
4.	Navy	=	"USN".
5.	Marine Corps	=	"USMC".
6.	Air National Guard	=	"ANG".
7.	Army National Guard	=	"ARNG".

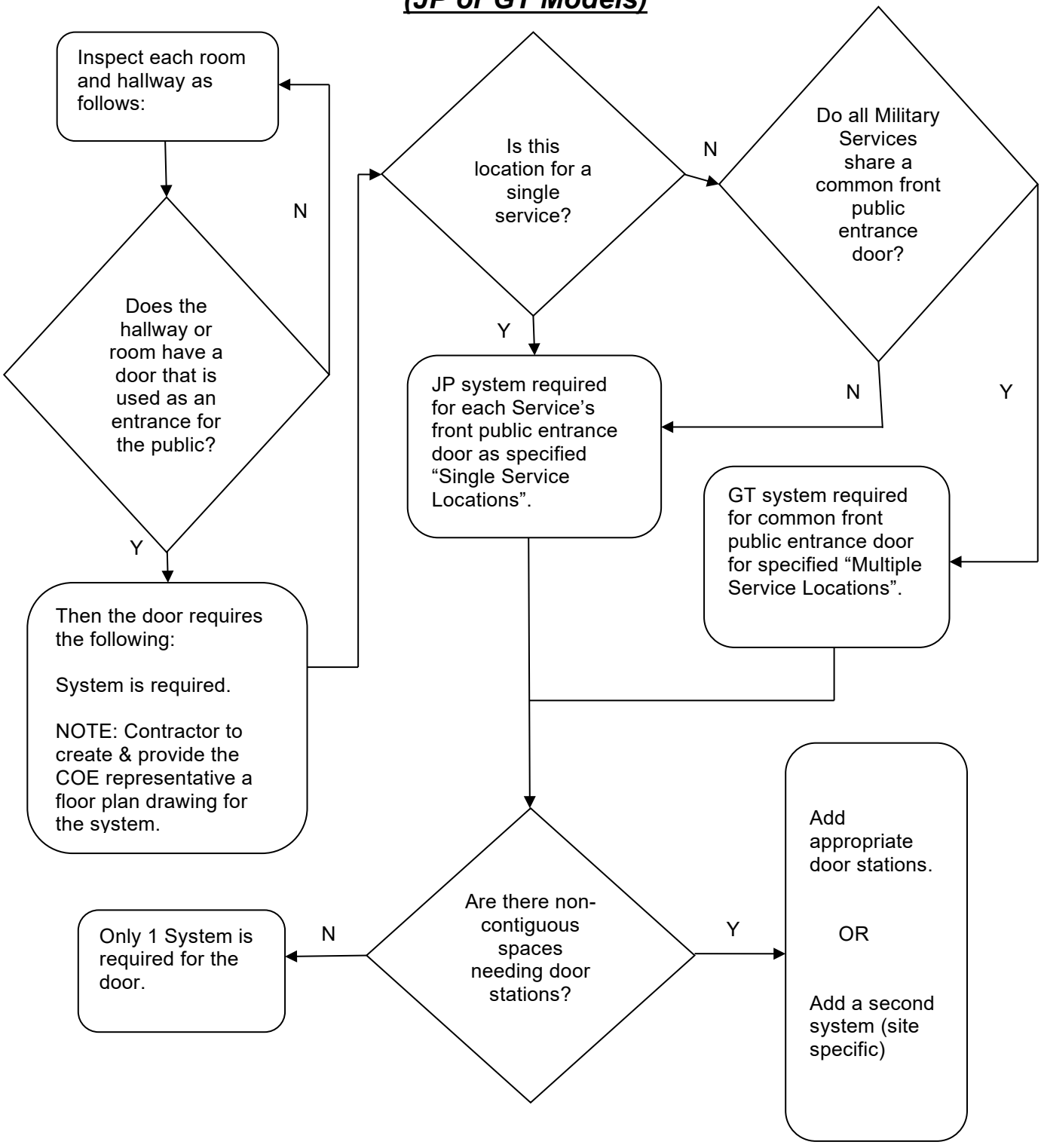
xii. **Additional Components:** The security contractor will advise on any unique site / office requirement(s) which may not be addressed within this specification, and which may require the addition or deletion of specified security components.

xiii. **System Documentation & Door Station Tool (#10 Spanner Bit):** Copies of all appropriate documentation and usage manuals / information MUST be left in EACH Military Services office. Note: It shall be the responsibility of each station commander to maintain these manuals on file. Also, one copy of the system documentation and the Door Station Tool (#10 Spanner Bit) to be stored in a clear sleeve mounted adjacent to the JP-8Z unit on the communication board.

xiv. **System Training:** Training by security contractor / installer shall be provided to the assigned recruiting facility personnel (from ALL Military Services present). Training to be coordinated with the COE Representative and recruiting facility personnel, with a minimum of 1 hour and provide for the operation of the system, the keypad usage, initial codes and the changing of the entry code(s), and other remote entry usage functions. Training will also include notice that the local recruiting staff is to provide the passwords to their higher level headquarters for safe keeping.

Note: For potential further help in guidance / installation of this security application, consult the following attachment "Decision Trees". Additionally, it is further requested that, if necessary, a discussion with the security contractor be held to address and clarify any and all issues dealing with the bid proposal to include the completeness of this specification or its perceived deficiencies.

Decision Tree
Video Intercom Entry Control System
(JP or GT Models)



IMPORTANT: If decision trees conflict with the specifications, the specifications always take precedence.

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Video Access Control System Page 1 of 1

2. **Closed Circuit Television System (CCTV) with Network Video Recording (NVR) for Single Military Service and Multiple Military Service Applications:**

IMPORTANT: For all supplied communication requirements and electronic security applications, the Lessor (or their contractors) are PROHIBITED (2019 N.D.A.A. law) from providing to the Government any such equipment or services as a substantial or essential component, or as critical technology as part of any system. These security / telecommunications products are PROHIBITED to be from any of the following source entities, any subsidiary or affiliate of such source entities: 1) The People's Republic of China; 2) Huawei Technologies Company; 3) ZTE Corporation; 4) Hytera Communications Corporation, Hangzhou Hikvision Digital Technology Company; 5) or Dahua Technology Company. **Lessor (or contractors) must verify the equipment is not from any of these sources and provide written confirmation to the COE Representative prior to installation.**

A CCTV / NVR system shall be installed at all recruiting station locations. **The system is network based but is intended to be stand-alone system and NOT be directly tied into the Military Services network / LAN system**. The installation and its components shall be in conformance with national industry standards, manufacturers' recommendations, and site necessitated requirements. At a minimum the installed cameras shall cover the following (without blind spots):

a. All exterior doors to the Government controlled premises (may have more than two doors), shall have a minimum of 2 exterior cameras each (providing crossing views for each exterior door).
b. Inside government controlled premises looking directly out of the entrance / secondary egress door(s). The camera locations (1 interior camera only showing the exterior door and not the workspace) shall minimize the amount of individual Military Service area that can be seen on the TVs / monitors.
c. Common hallway areas.
d. GOV parking to have a minimum of 1 camera, even if from a distance.
e. The CCTV / NVR system installation shall be in accordance with the attached Decision Trees, but common sense or site specific conditions may apply.

For collocated sites which have multiple entrance doors, or which are physically separated by another tenant (non-contiguous), the Realty Specialist shall coordinate with the Lessor to determine if more than one system is required to cover ALL the recruiting Military Services facilities space. Every effort should be made to ONLY use one system, if possible, to minimize costs. The system should include, but is not limited to running conduit, wiring, etc. to the non-contiguous space, if possible.

The system must provide a minimum **14 days** of continuous recording time with the minimum specified frames per second (FPS) per camera. The package system will require an NVR with wall mounted security box OR a built-in lockable security closet. The security closet is to be located in or accessed from the leased premises' common area for multiple Military Service recruiting offices, but in no circumstances shall the system be located in a restroom or janitorial closet. For single Military Service (stand-alone) offices, the security closet will be installed in the office of the recruiter-in-charge / station commander, OR if no office, located in the security closet within the open area of the office. Security closets will have appropriate lighting installed. Security closet doors should also minimize the impact to the main space of a facility or the leased premises common area whenever possible. Doors to be solid core with matching commercial hardware.

Additionally, the system will require a flat-screen color TV / monitor(s), weatherproof / vandal-proof cameras, adequate power supplies, cabling with extra length for distance adjustments and site dictated mounting systems. Note: All security closets / boxes must meet NVR and TV / monitor manufacturers' ventilation requirements. The security closet must have adequate ventilation for appropriate air flow to dissipate heat (a return air vent in the ceiling of the closet is an option).

NOTE: System to be password protected, with each Military Service being provided a separate password. If necessary, in order to download recorded content for the police (or other) reasons, an admin password shall be provided to each Military Service.

IMPORTANT: All Military Services are required to be available for the installation and training of this system. Training to be coordinated with the COE Representative and recruiting facility personnel, with a minimum of a 1 hour training session MUST be provided as part of the installation by the contractor to ALL Military Services where the system is installed. The training will need to cover the initial Military Service specific passwords / admin password, how to use the system, how to retrieve data for local police / other investigative agencies, what to do if the system shuts down, and all other operating procedures, etc. Training will also include notice that the local recruiting staff is to provide the passwords to their higher level headquarters for safe keeping.

Minimum components of the CCTV / NVR system will include the following, **and MUST also be of high enough quality to provide convictable resolution / identification of intruders, vandals, thieves, etc. when necessary:**

f. One (1) Hanwha NVR: WRT-P-3101W-8TB (16-camera channel & 8TB storage), or equivalent. **Performance standards should be equal to or better than the following:**

1. **16 Channel Minimum Capacity Requirements:** 16 Channel – 8TB: https://www.hanwhasecurity.com/product/wrt-p-3101w/
2. Mini-tower form factor Wisenet WAVE Network Video Recorder with a "Professional" license for each camera, Wisenet WAVE pre-installed, 8TB raw, 170 Mbps recording B / W, (2) 3.5" HDD, (10th Gen) Intel Core i3, 8GB RAM, 256 GB SSD OS Drive, Windows 10 IoT Enterprise, (2) DisplayPort output, (1) DisplayPort to HDMI adapter included, Dual GbE NICs, Single 550W power supply, Keyboard and mouse included.
3. H.264 and/or H.265, MJPEG Compression (at a minimum).
4. Real Time Viewing (with **NO BLIND SPOTS**) on the systems main TV / monitor. Real time viewing is required in each Military Service office. A minimum of 1 viewing TV / monitor is required for each Military Service's office in the open area where everyone can easily view the TV / monitor. **Additional TVs /monitors may be required due to the large size / configuration of a Military Services open office space and viewability to all staff**. TVs / Monitors are NOT to be installed on the front wall near the windows as this may prevent adequate viewing of the TV / monitor due to glare.
5. Simultaneous TV / monitor, playback, record.
6. USB 3.0 port at a minimum.
7. Hanwha Wisenet Wave.
8. Program all cameras to record at 30 FPS, 24 hours a day and 7 days a week.
9. Ethernet / LAN / Internet capable (e.g. - the system must have capability to be monitored across internet or local area networks in the future.) **However, at this time the system is intended to be a stand-alone system without being linked to a network**.
10. One (1) NVR Security Lock Box:
    - **i.** NVR / CPU Lock box (23.5"W x 23.5"D x 24.7"H): Mfr: Kendall Howard 12U LINIER fixed wall mount cabinet with vented door (Model/Item #: 3142-3-001-12) with Vertical Rail Kit (Item #: 3150-3-001-12) for internal POE switch to be used for camera / TV / monitor cabling.
    - **ii.** Depending on lock box mounting height, top of lock box may be used for the keyboard / mouse. If necessary, a dedicated keyboard & mouse Shelf (19"W x 8"D x 1.75"H): Mfr: Kendall Howard, Model / Item # 1910-01-001-01, or equivalent. Keyboard & mouse shelf to be mounted next to the NVR lock box centered directly underneath the TV / monitor at 42" AFF.
    - **iii.** Mounting of NVR lock box, TV / monitor, keyboard & mouse components may need additional wall support / backing.
    - **iv.** Adjustment to lock box model MUST be made to accommodate specified / installed NVR units as necessary. Three (3) keys to the Security Lock Box must be provided to **EACH** Military Service. This is necessary regardless of who pays for the system or where the system is located, due to operational security requirements and the need for all Military Services to have access when an event occurs. In any case, the system must be secured so visitors, janitors, potential recruits, etc. do not have access to and are not able to tamper with the system in any way!

g. **One (1) Hanwha SMT-1935, 19" LED Color TV / Monitor**, 600TVL (1280 x 1024), 2 BNC Loop Through, HDMI, VGA, 4:3 aspect ratio, Built-in Speaker (2X1W), VESA DPM Compatible - https://www.hanwhasecurity.com/product/smt-1935, **(used as the NVR's system TV / monitor)** or equivalent located in the security closet or on top of the lock box for the NVR system. Mounting bracket: VideoSecu BJZ – Model # ML411B-B1 (swivel & tilt) to be mounted directly above the keyboard and mouse with adequate clearance.
   1. **TV / Monitor features to contain at a minimum:**
      i. 1366 x 768 resolution.
      ii. High contrast ratio of 1,000:1.
      iii. Fast Response Time – 5ms.
      iv. Video inputs for each camera with sequential switcher.
      v. Audio inputs for each camera.
      vi. Video Input: HDMI, VGA, BNC (BNC Video and Audio).
      vii. Comb Filter.
      viii. NTSC/PAL.

h. **Office area TV / monitor(s): One (1) Samsung 7-Series, 50" Class Full Array LED UHDTV, Model # UN50RU7100FXZA,** or equivalent to be placed in each Military Service facility's open office area and connected to the NVR HDMI port / signal splitter as appropriate. Placement to allow easy viewing by recruiters, minimize glare or bright sunlight (which reduces visibility) to include NOT being mounted near the front windows. **Note: Individual Military Service offices may require more than one TV / monitor due to the large size / configuration of their area in order for all of the recruiters to see the TV / monitor screen(s) adequately**.

i. **TV / Monitor Installation:** Mounting height to be **8'-6" AFF** for top edge of TV / monitor. TV / monitor mounting poles to be rated for appropriate size and weight. Each mounted TV / monitor (CCTV and Non-CCTV related), shall be installed where indicated on the approved floor plan / AE drawing. If an obstruction prevents the installation of the TV / monitors at the specified mounting height, the tolerance for installation is + / - 6". Other mounting requirements:
   1. **Mounting pole:** Mfr; Displays2Go, Model # SLC3770LBK - https://www.displays2go.com/P-29667/Swivel-Ceiling-TV-Mount-Flat-Inclined-Surfaces (telescoping pole sized for specific installation location, screen size and weight requirements, with 360° rotation and 25° tilting capable bracket).
   2. Wiring to be routed thru / inside the mounting pole (power, HDMI cables, ethernet cables, etc.).
   3. Pole to be mounted to understructure (through the drop ceiling tile) as identified on the approved floor plan / AE drawing, along with:
      i. Bracing / framing to support minimal sway / movement.
      ii. Installation to include a "ceiling plate" or "ceiling mast trim ring" cover (to cover the hole for the pipe in the drop ceiling) and secured to the ceiling tile (may require additional support above the ceiling tile to prevent future ceiling tile sagging / damage). Color to match pole color.
      iii. Within an appropriate distance along the wall (e.g. – approximately within 6" to 8", allowing for appropriate movement at the location).
      iv. Corner mounted TVs / monitors will need to allow for corner clearance:
         - Inside corners to have mounting of TVs / monitors at a 45° angle (or an adjusted ° by the COE representative). Pole location will need to be adjusted accordingly to allow full functionality of the mounting bracket tilt function.
         - Outside corners to have pole mounted as close to the corner as possible (to allow full functionality of the mounting bracket tilt function), and allow up to 270° rotation.
   4. Duplex outlet, CCTV HDMI cable, and communications outlet boxes (with CAT6) to be installed and concealed above ceiling tiles directly above TV / monitor mounting location.
   5. HDMI cables to be run to any applicable conference room (ONLY) floorport communication outlets.

j. **One (1) 1080p Vanco Evolution HDMI Powered Splitter.** If only 1 Military Service is present the system does NOT need an HDMI Splitter. **Splitter will require an electrical outlet for power**. Depending on the number of Military Services present at a location, the HDMI splitter configuration (number of HDMI output ports) will be one of the following models, or equivalent:
   1. For 2 Military Services: Use a Vanco Evolution 1x2 splitter (model # EVSP4K12), https://www.vanco1.com/product/evolution-premium-4k-hdmi-1x2-splitter/
   2. For 4 or less Military Services: Use a Vanco Evolution 1x4 splitter (model # EVSP4K14),

https://www.vanco1.com/product/evolution-premium-4k-hdmi-1x4-splitter/

3. For 8 or less Military Services: Use a Vanco Evolution 1x8 splitter (model # EVSP4K18), https://www.vanco1.com/product/evolution-premium-1x8-hdmi-4k-splitter/

k. Multiple Surface Mounted Vandal Resistant Dome Network Cameras (all cameras require a "Professional" license for recording):

1. **Exterior Cameras: Hanwha XNV-8082R**, 6MP IR Vandal Dome Camera - The selected cameras must meet the minimum performance standards specified. https://www.hanwhasecurity.com/product/xnv-8082r/
2. **Interior Cameras: Hanwha XND-8082RV**, 6MP IR Vandal Dome Camera - The selected cameras must meet the minimum performance standards specified. **Any cameras in the Military Services "exclusive" office area are ONLY to be pointed at the front door (and/or possibly their rear door), and NOT show the interior of the office area.** https://www.hanwhasecurity.com/product/xnd-8082rv/
3. The cameras selected for installation must also meet the following minimum performance standards:
   - **i.** Camera must be able to identify facial features at a maximum distance to subject at 30 feet (**images MUST have a high enough quality to provide convictable resolution / identification of intruders, vandals, thieves, etc. when necessary**.)
   - **ii.** Absolutely **NO BLIND SPOTS** allowed (exterior and interior common areas).
   - **iii.** Camera must be capable of being flush mounted (interior) **OR** flush mounted / pole-hung (exterior only), if required. Mounting of cameras to be at least 12 feet above ground level, whenever possible, or as high as possible.

l. Wiring / Cabling: Appropriate POE switch to be used in NVR lockbox. All necessary HDMI or other required wiring / cabling / junction boxes and covers shall be installed as applicable for the system to function. All system wiring / cabling / etc. shall be run inside walls to conceal them from sight (for a professional appearance) and tampering and in accordance with local code. All wiring that is exposed / viewable shall be installed in a professional / visually pleasing manner.

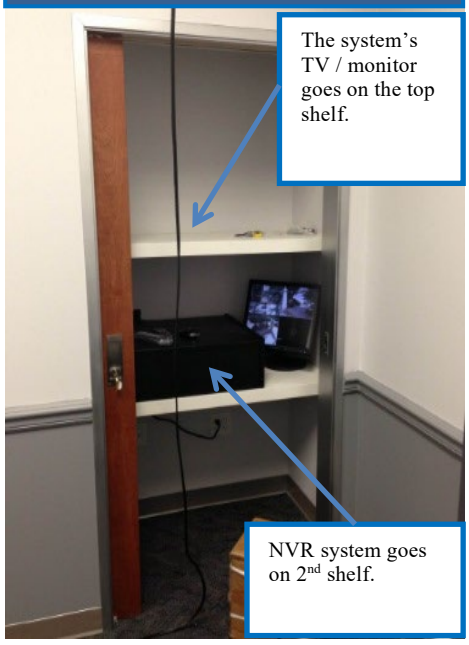
m. Power Outlets / Communications Outlet Locations:

1. CCTV NVR system and TV / monitor to receive an individual duplex power outlet recessed mounted in wall behind NVR lock box where "fan knockout" is located (or cut out a hole large enough for the outlet). Hole / knockout to be placed in a location not to interfere with internal lock box components usage.
2. Each individual Military Service TV / monitor(s) to receive an individual duplex power outlet above the drop ceiling as shown on the approved floor plan / AE drawing.
3. Adjacent to the individual duplex outlet, a communications outlet to be installed above the drop ceiling and include one HDMI and one CAT6 cable to the TV / monitor(s).
4. If necessary, HDMI splitters to have individual duplex outlets.

n. Security Closet:

1. *Security Closet – Single or Multiple Military Service* for CCTV / NVR (See Security Closet Example below):
   - **i.** Size to be approximately:
     - 48" W x 36" D
   - **ii.** With a standard pocket door **OR** standard door access.
   - **iii.** For door finish see paragraph G.7.b.
   - **iv.** Adjustable shelving to be minimum 20" deep, pre-finished, beginning 30" AFF, spaced 24" apart. Each shelf shall have a grommet to allow power cord(s) / cable access.
   - **v.** Door / hardware to match existing with commercial Grade 2 or better key lock. Lessor MUST provide a minimum of 2 keys per Military Service.
   - **vi.** Electrical, lighting, HVAC, paint, flooring, etc. shall be installed per the requirements within these specifications.
   - **vii.** Security closet MUST be accessible by ALL Military Services present.
   - **viii.** The security closet must have adequate ventilation for appropriate air flow to dissipate heat, per the equipment manufacturer' ventilation requirements. See HVAC specifications. **Note:** CCTV / NVR security closet shall **NOT** be located within restrooms or janitorial closet.

Security Closet Example



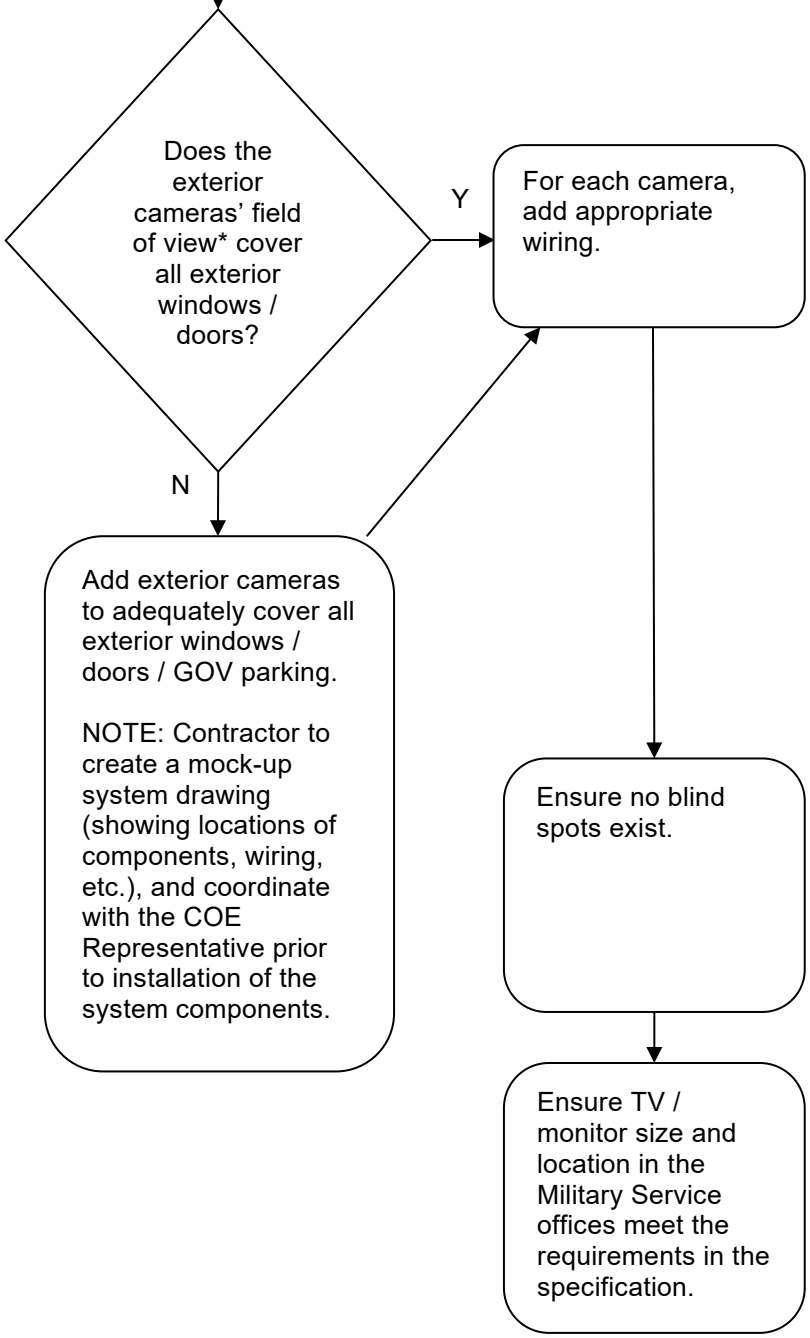
2. *For Existing / Retrofit Situations ONLY* - If security closet can't be incorporated for existing locations – install an NVR security lock box):
   - **i.** For security lock box and mounting information see paragraphs K.2.f. and K.2.m.

Note: CCTV system will be provided to cover ALL Military Services facilities and use the following guidance:

- **a.** Review Decision Trees for additional installation instructions.
- **b.** If the site has multiple entrances (e.g. - one for each Military Service) or is separated by another tenant (non-contiguous leased spaces), each Military Service is required to have complete video feed from this system. **Every effort** should be made to only have one (1) main CCTV / NVR component and install cameras covering all separated offices, where applicable. If the non-contiguous spaces are too far apart (e.g. - wiring length or site specific restraints, etc.), for multiple systems, the non-contiguous space will receive the appropriate system components (separate system), etc. to fully function.
- **c.** If there is no available common area space to install the main CCTV / NVR system components (system shall not be in restrooms or janitorial closets), then the system shall be installed using space from the Military Service that is requesting the upgrade or new / relocating office location. If room is not configurable, then the lock box / mounting brackets will be required in the common area space / hallway as appropriate.

Decision Tree (1 of 2)
CCTV / NVR System

All exterior doors to the Government controlled space (may have more than two doors), shall have a minimum of 2 exterior cameras each (providing crossing views for each exterior door), and 1 interior camera (only showing the door and not the workspace). Plus 1 camera for the GOV parking area(s).



Notes:

* Cameras (No Blind Spots):

- Camera(s) field of view angles to cover as appropriate for camera location AND a respective depth of field of 15 to 30 feet.
- Use the widest angle possible / necessary for each specific camera and the best respective field depth.

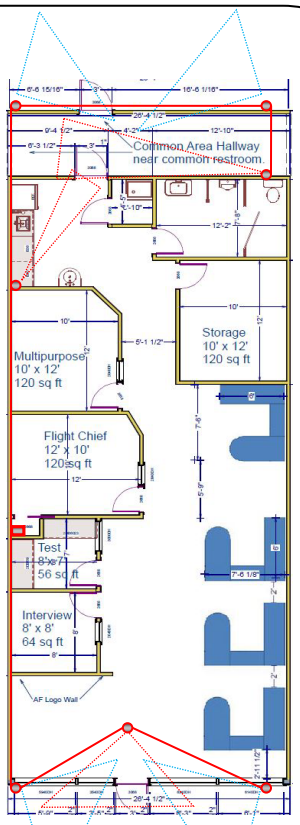
** All systems will include:

- Security Closet, if possible.
- One NVR security lock box (adjusted to size of NVR installed), if not in a security closet.
- One mounting bracket for the lock box, if not in a security closet.
- A minimum of one 19" wide format LED color TV / monitor for the NVR system to be in the security closet.
- One mounting pole / bracket for each NVR TVs / monitors, if not in a security closet.
- Office area TV / monitor(s) for the size of the system:
  - Minimum of one 50" wide format LED color TV / monitor for each Military Service.
- Installation of these systems MUST use the most current FY's Construction Specifications, to incorporate the latest requirements.

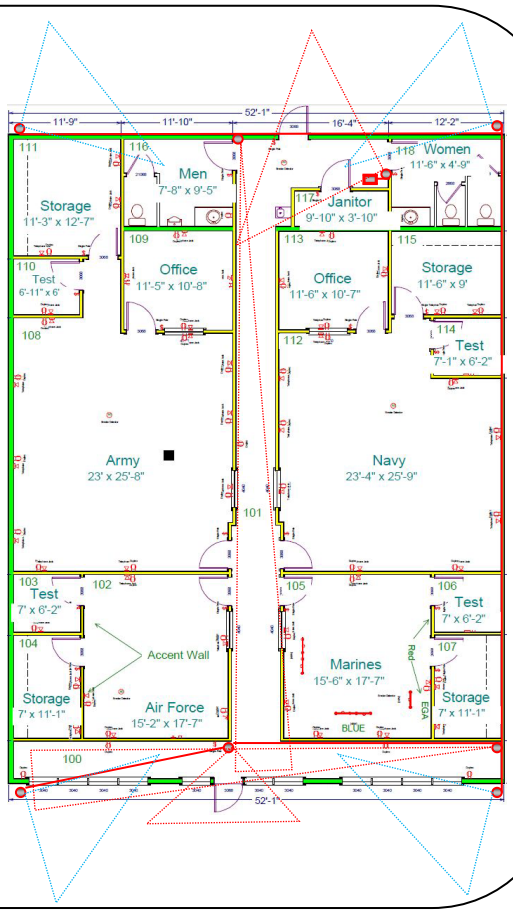
IMPORTANT: If decision trees conflict with the specifications, the specifications always take precedence.

Decision Tree (2 of 2)
CCTV / NVR System (Example Layouts)

Stand Alone: Single Service



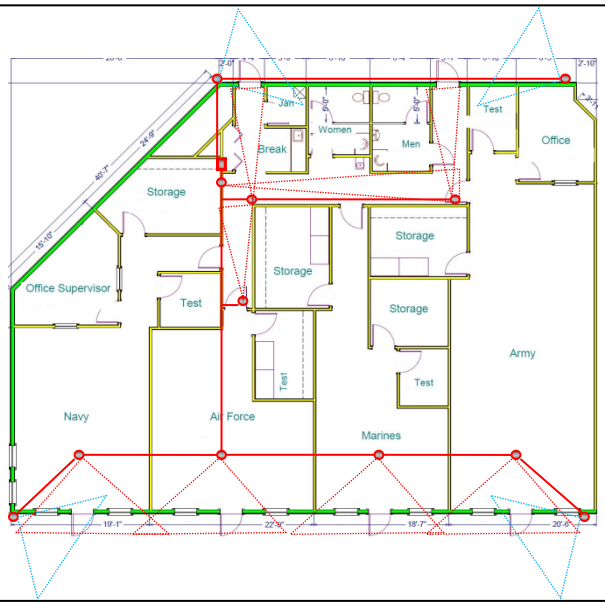
Collocated: Multiple Services



Legend:

- ▪ - NVR, TV / monitor and Cameras.
- ○ - Inside / Outside Cameras.
- — - Appropriate Cabling.
- ◁ - Inside Camera Angles.
- ▷ - Outside Camera Angles.

Note: Not an all-inclusive list of components.



Collocated: Multiple Services (Separate Entrances)

IMPORTANT: If decision trees conflict with the specifications, the specifications always take precedence.

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CCTV / NVR System **Page 2 of 2**

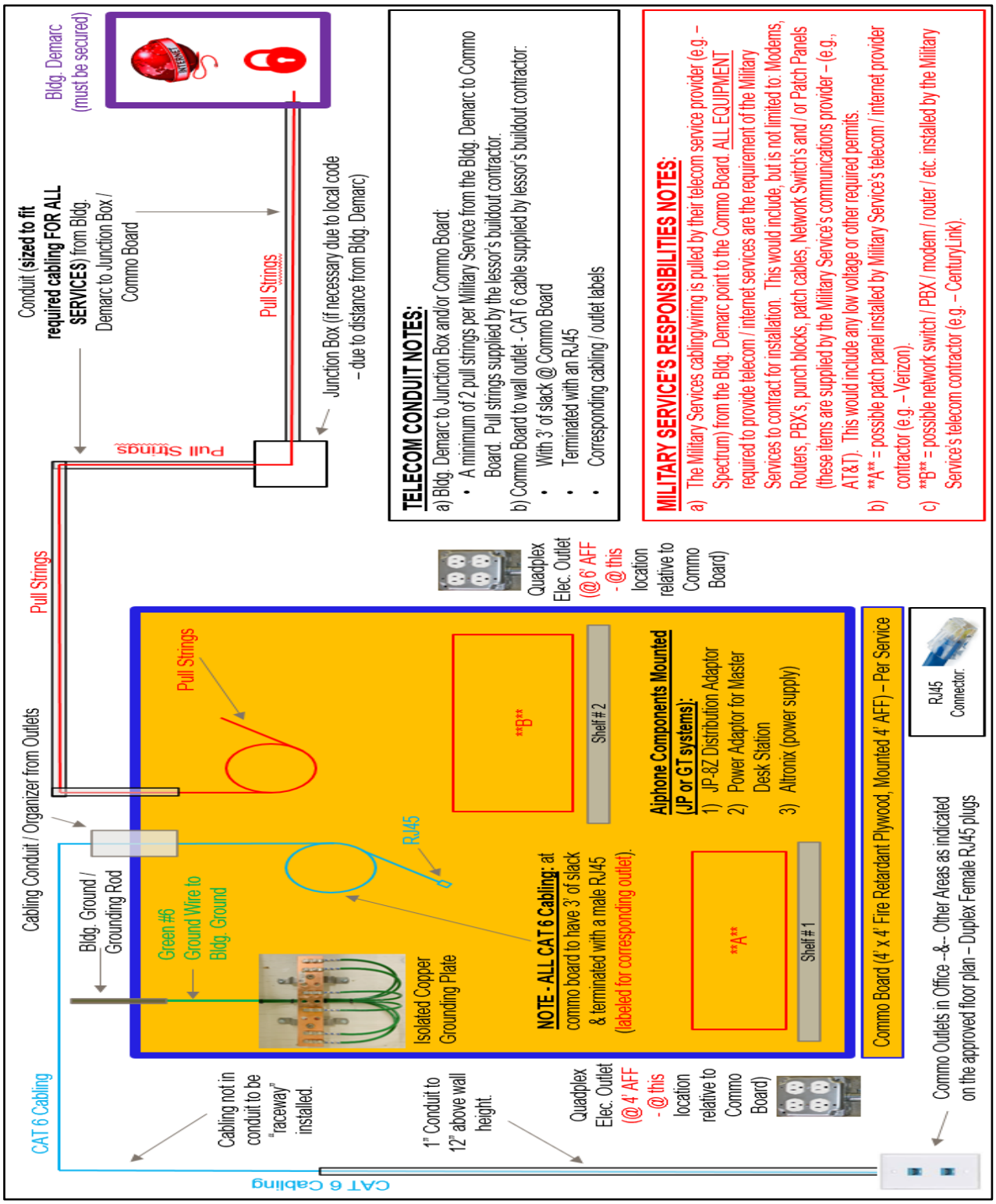
GENERAL NOTES:

- **a.** All preceding specifications do not preclude common sense considerations / solutions to those issues that may arise during the build-out of the leased premises. Any variation, deviation or departure from this specification will be approved by the Corps of Engineers, **P.O.C. Ana Fraguada, (904)232-1075**.
- **b.** Installation of security systems at existing locations (not a new Government leased premises being built out) always requires the presence of military recruiting personnel during the installation. Upon completion of the install, the military will be REQUIRED to have the appropriate personnel available for system instruction / training.
- **c.** Wall mounted fixtures such as thermostats, wall switches, light sensors, emergency lighting etc., should be placed free and clear of all Military Service accent walls.
- **d.** To minimize potential misunderstanding, on-site meetings between the Lessor, Contractor, and COE to be scheduled for pre-bid meetings & kick-off meetings prior to commencement of construction.
- **e.** The contractor is required to notify the COE representative and Lessor at least **five (5) working days** prior to commencement of work on the site.

ENCLOSURE # 1a

GENERAL STANDARD (GS)

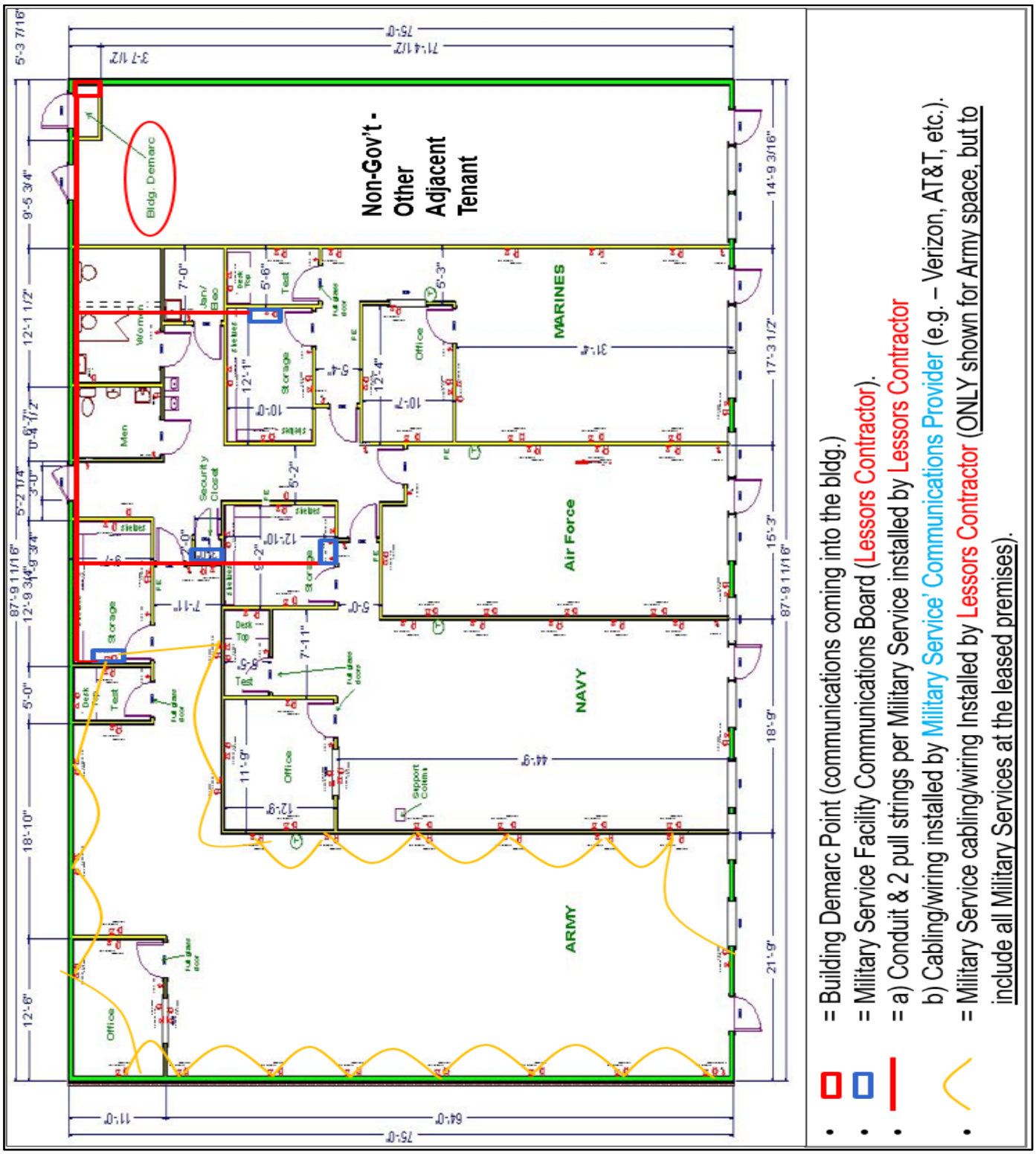
Telecommunications Commo Board Diagram Example



ENCLOSURE # 1b

GENERAL STANDARD (GS)

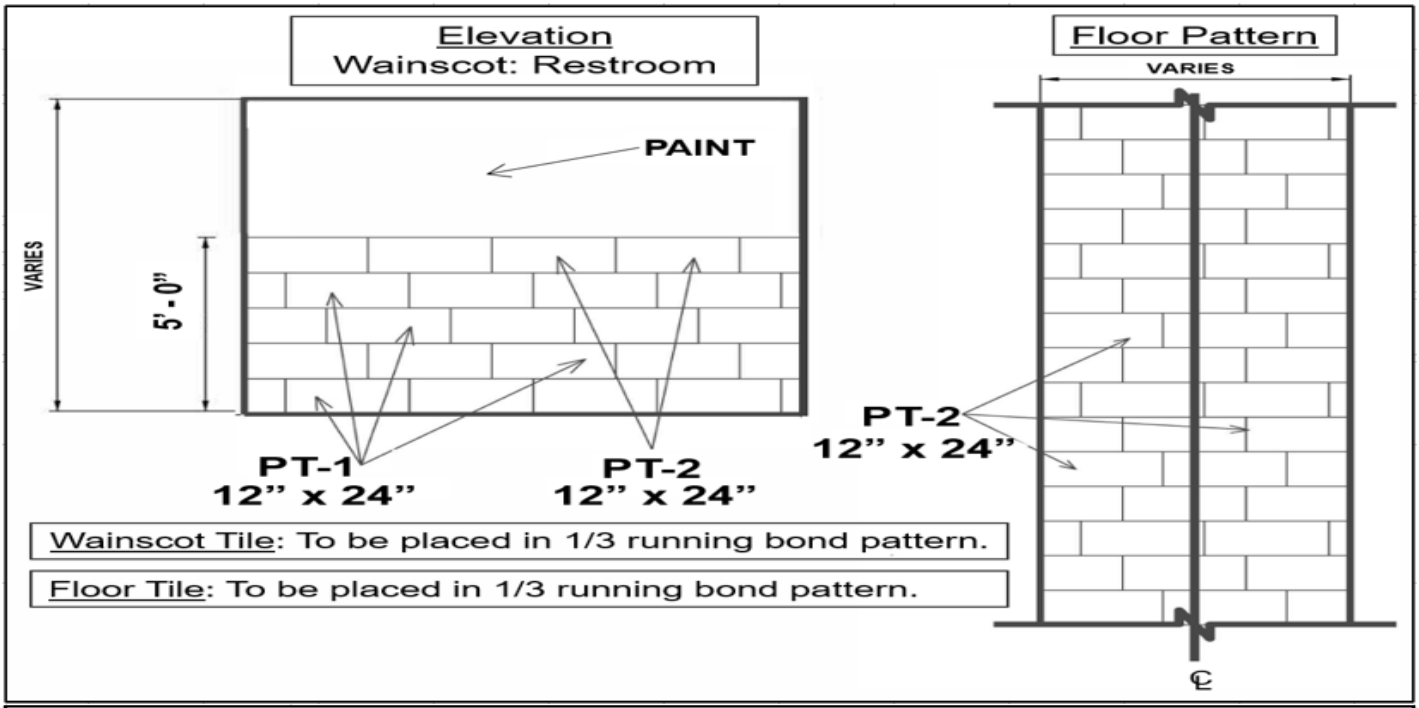
Telecommunications Diagram Example



ENCLOSURE # 2

GENERAL STANDARD (GS)

Porcelain Tile Pattern Design, Transitions & Grout Legend

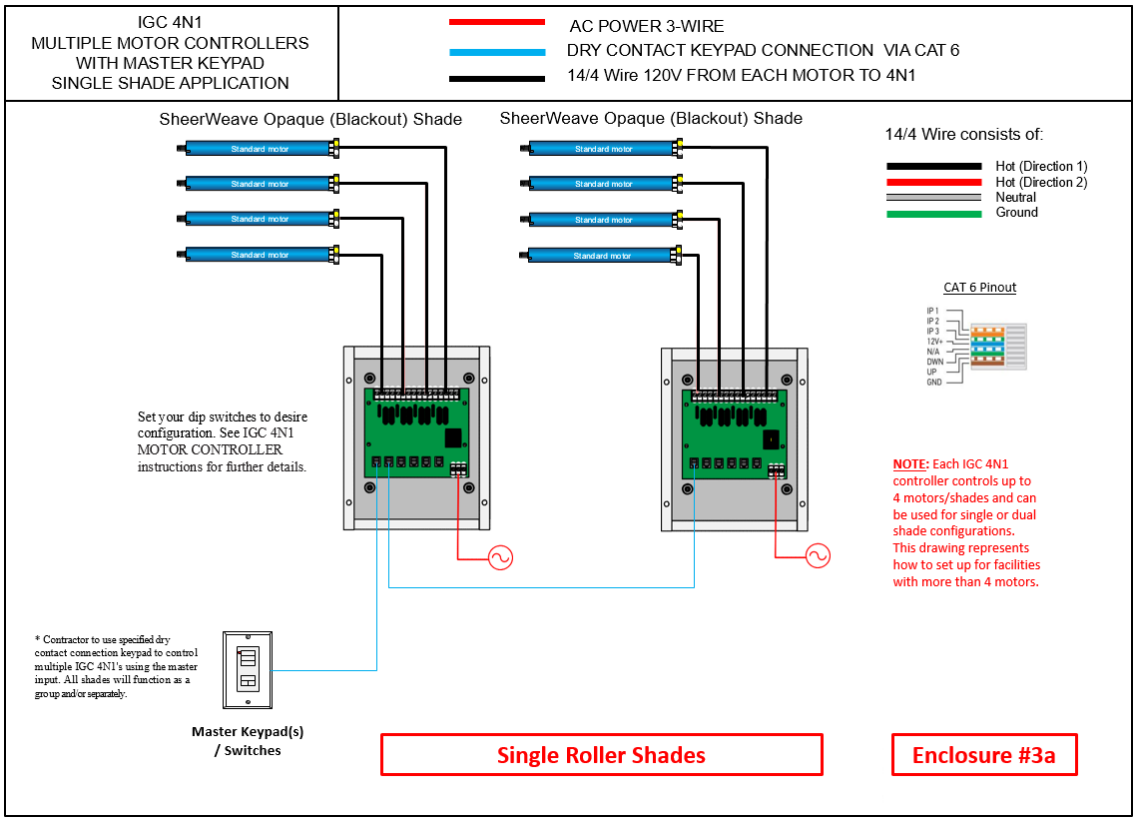


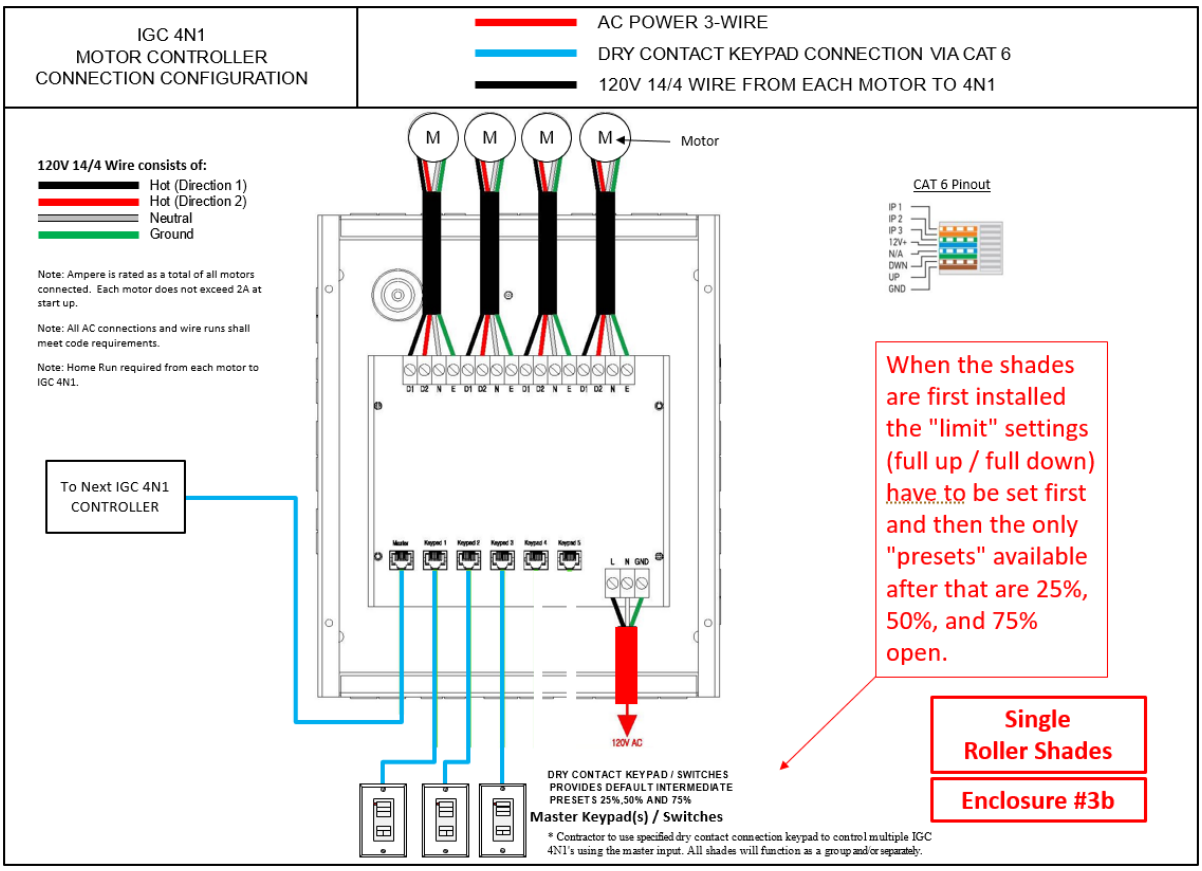
INTERIOR FINISH & MATERIALS	
Porcelain Tile / Grout / Transitions Legend	
Shaw Contract - POC / Ordering Information:	If selected, for expedited delivery - government pricing contact: Shaw Contract for ALL inquiries go to website: http://www.shawcontractgroup.com/usrecruiting. For pricing and order inquiries go to the pricing & ordering tab at the above website, or call: 1-800-356-7429 ext. 1 or email: cs.gsa@shawinc.com. For general inquiries call Michele Leise, 402-968-6025, email: michele.leise@shawcontract.com
Porcelain Tile #1 (PT-1)	Shaw Contract - US Recruiting Porcelain Standard, CT30J Sand 00200, 12x24
Porcelain Tile #2 (PT-2)	Shaw Contract - US Recruiting Porcelain Standard, CT30J Dark Grey 00550, 12x24
Grout	CT25D Duracolor Sanded Grout: Color 0D162 True Taupe (grout to be sealed). Grout joint to be per manufacturers guidelines.
Floor Tile to Wall Tile Transitions	Provide brushed chrome or brushed nickel anodized aluminum cove-shaped profile equal to Schluter Dilex with anchoring leg that is embedded in the bond coat. Transitions must be appropriate for commercial use, and for conditions and material specified.
Wall Edge Strip Transitions	Provide brushed chrome or brushed nickel anodized aluminum edge protection with an edge-protection profile at any tiled surfaces with exposed outside edges such as top of porcelain tile wall and at outside corners. Brushed chrome anodized aluminum strips must be equal to Schluter Jolly and have an anchoring leg that is embedded in the bond coat. Edge strips must be appropriate for commercial use, and for conditions and material specified.
Porcelain Floor Tile to Other Flooring Transitions	Provide brushed chrome or brushed nickel anodized aluminum transition strips equal to Schluter Reno-TK to protect flooring edges and provide a smooth transition from floor tile to other floorings such as carpet at lower elevations. Strips must have an anchoring leg that is embedded in the bond coat. Transition strips must be appropriate for commercial use, and for conditions and material specified. Comply with ADA requirements regarding transitions between surfaces of different heights as follows: Up to ¼" there are no special requirements, between ¼" and ½" a 1:2 slope ratio is required, and more than ½" 1:12 slope ratio is required. Porcelain Tile to Concrete: Provide brushed chrome or brushed nickel anodized aluminum transition strips equal to Schluter Reno-Ramp-K to protect porcelain floor tile edge and provide a smooth transition to concrete.
General Transitions Notes	1) Inside Corners - Provide a movement/sealant joint; do not grout.
	2) Provide for expansion joints per the TCNA Handbook for Ceramic , Glass, and Stone Tile Installation.
Non-Restroom Base Tile	Using PT-2 Tile, cut the 12" x 24" tiles in half lengthwise creating a 6" x 24" base tile. Transition shall be same as "Floor Tile to Wall Tile" & "Wall Edge Strip" Transitions listed above.

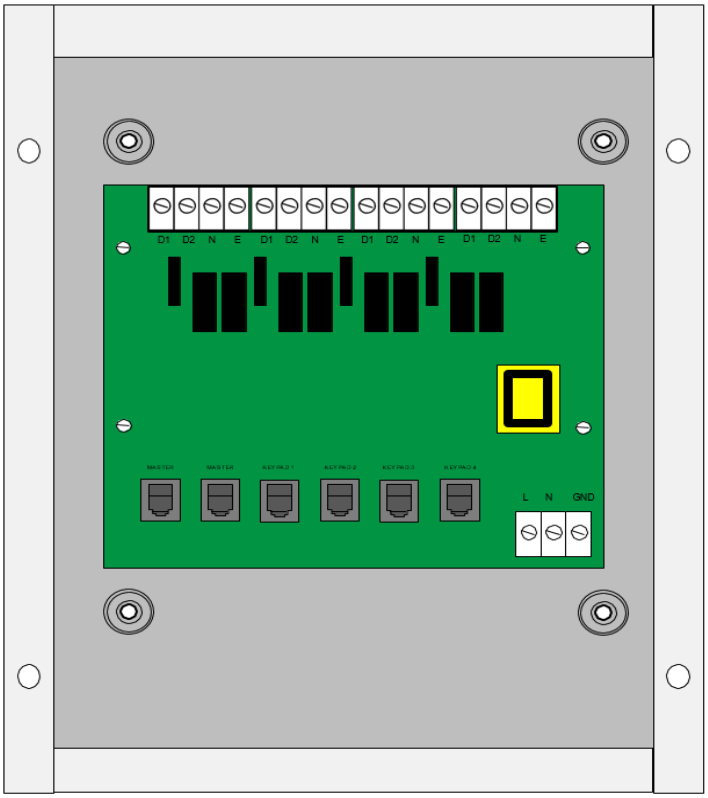
ENCLOSURE # 3a, 3b and 3c

GENERAL STANDARD (GS)

Single Roller Shade Wiring Diagrams







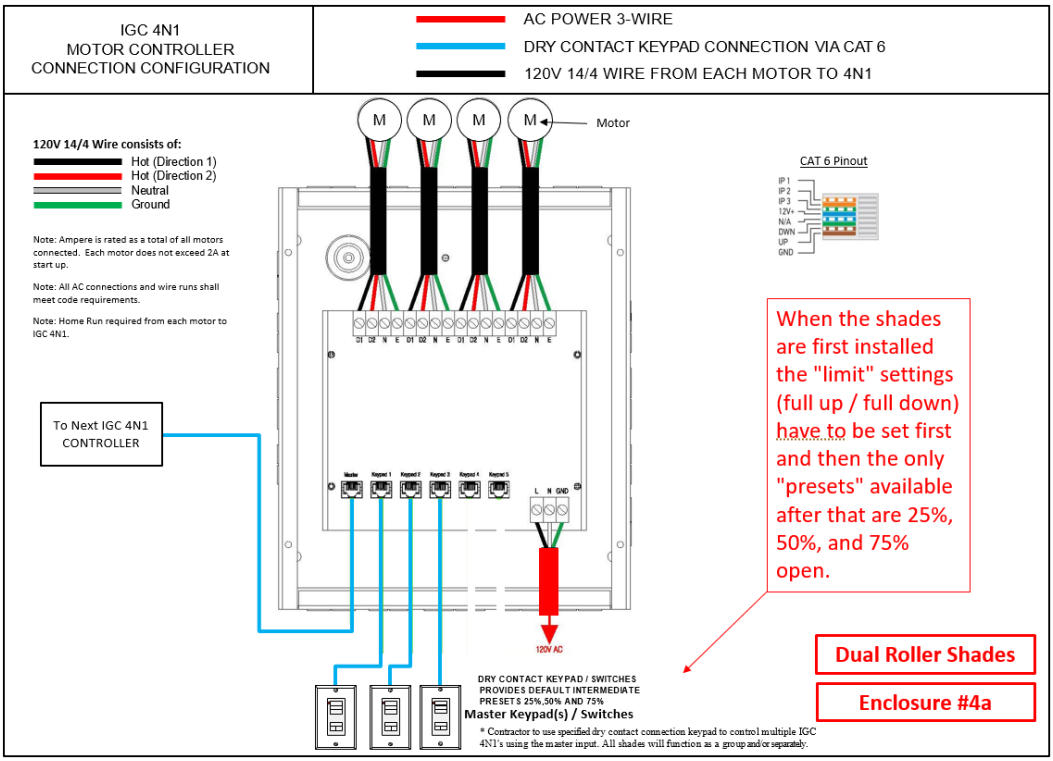
Close Up View of the IGC 4N1 Motor Controller:

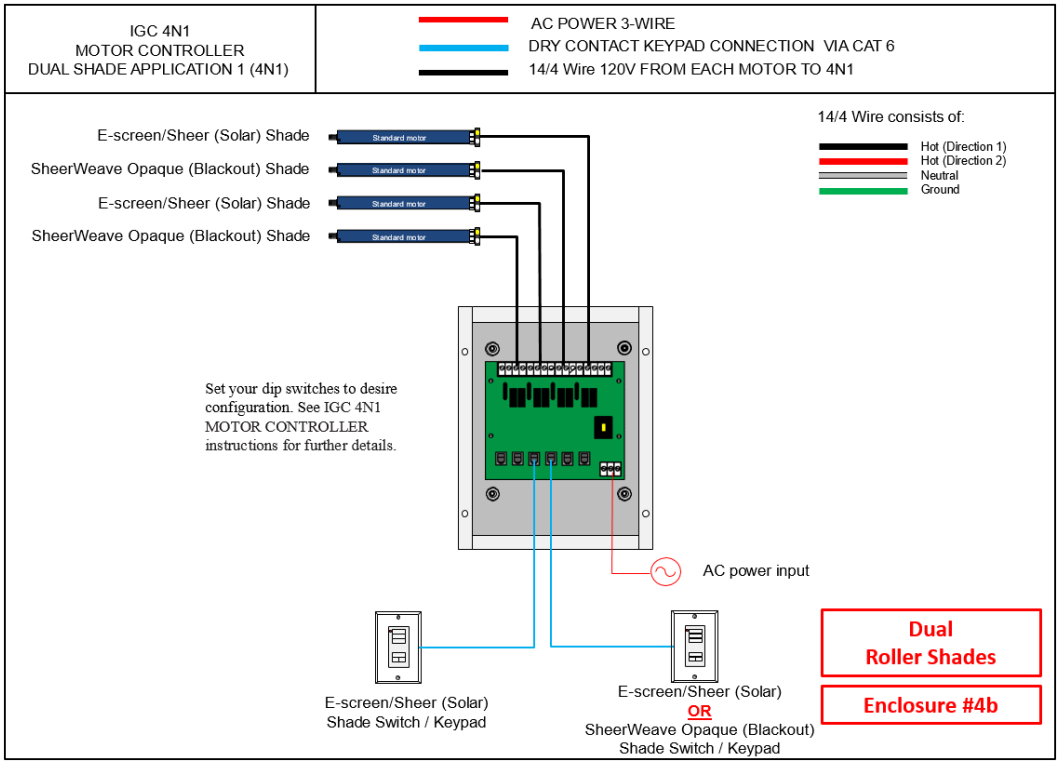
Enclosure #3c

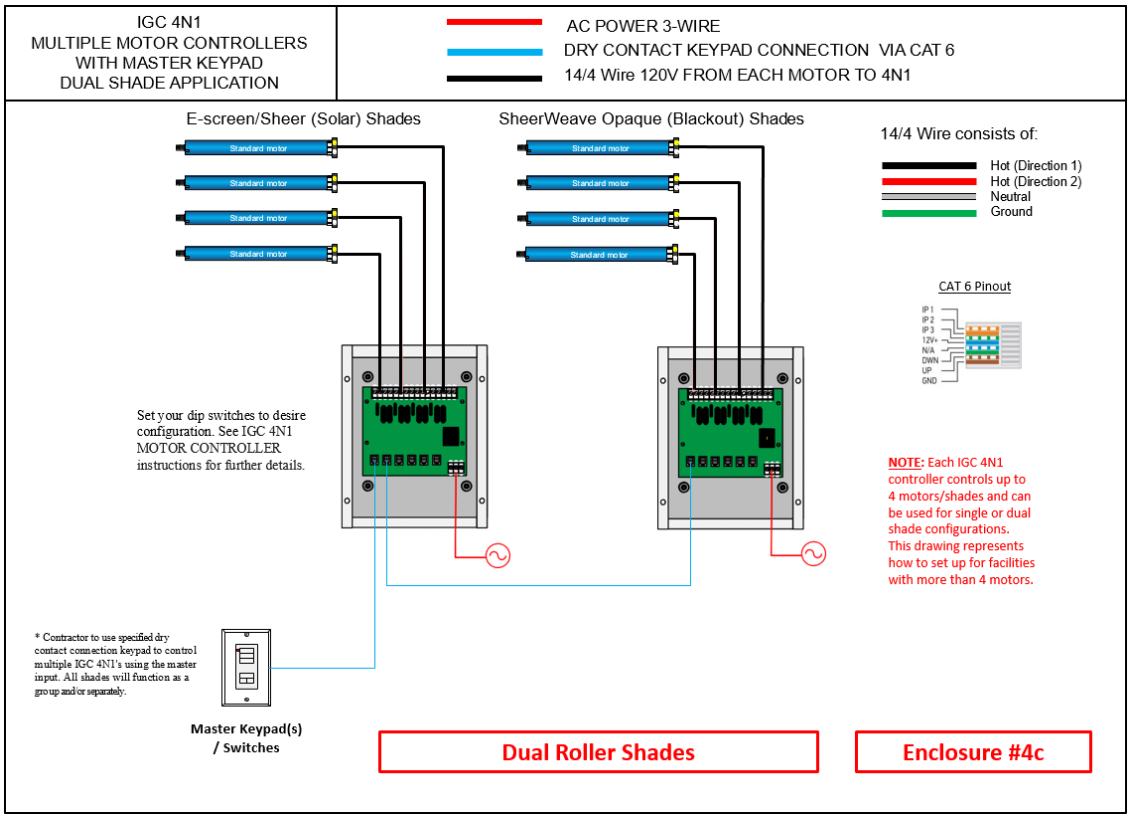
ENCLOSURE # 4a, 4b, 4c and 4d

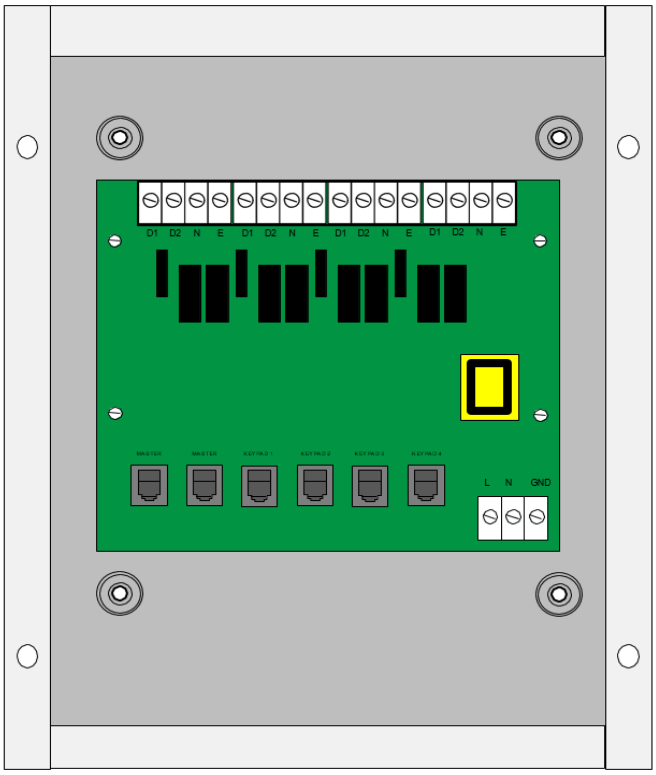
GENERAL STANDARD (GS)

Dual Roller Shade Wiring Diagrams









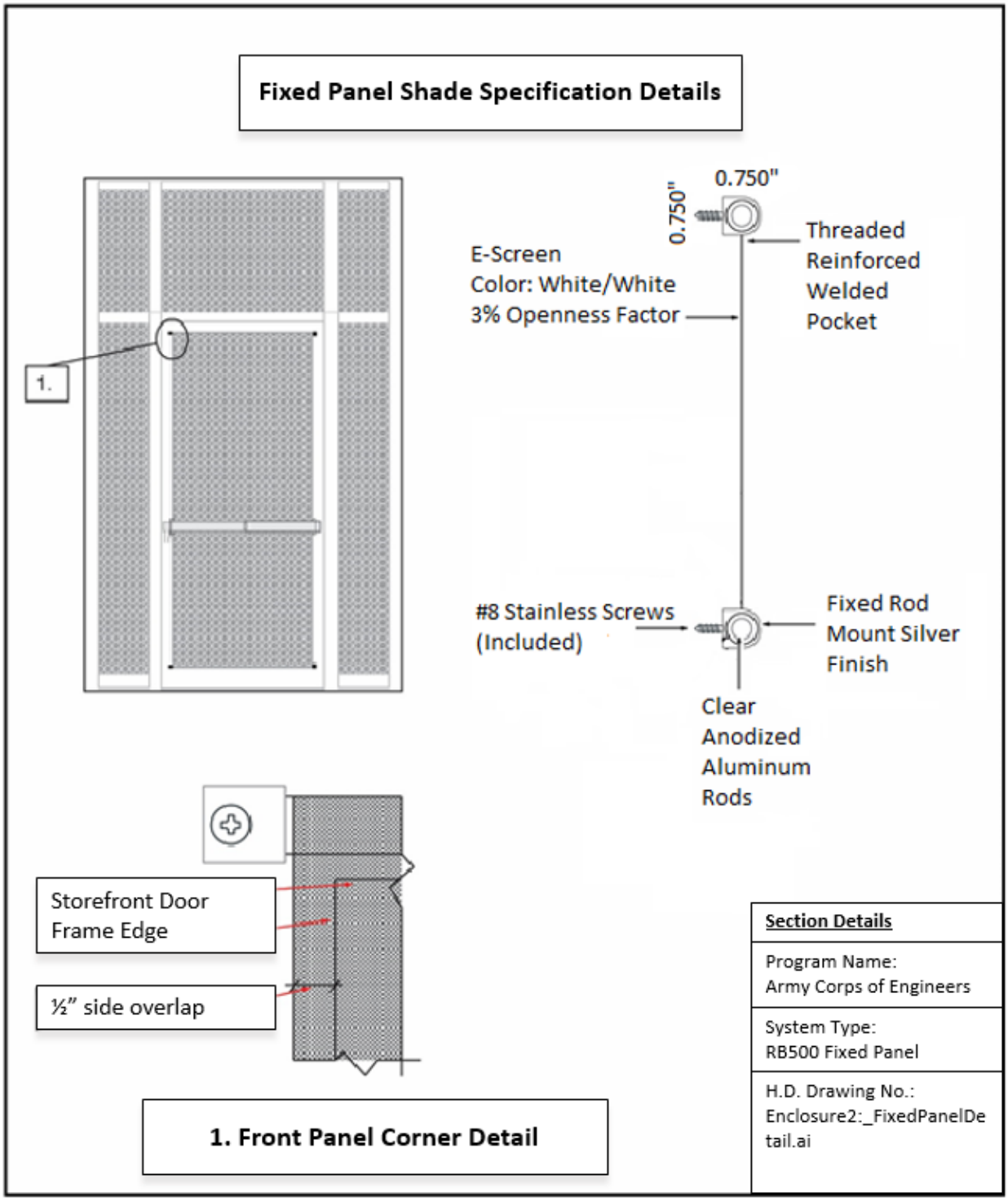
Close Up View of the IGC 4N1 Motor Controller:

Enclosure #4d

ENCLOSURE # 5

GENERAL STANDARD (GS)

Fixed Panel Shade Details



ENCLOSURE # 6a, 6b, 6c and 6d

GENERAL STANDARD (GS)

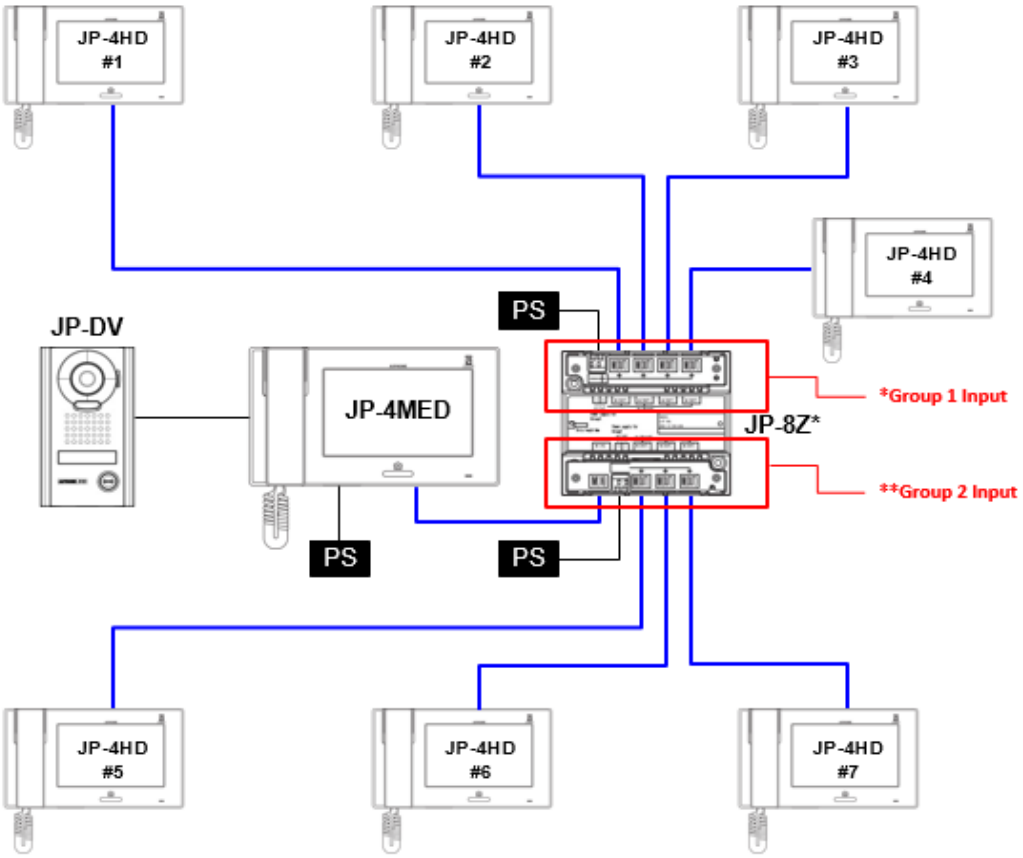
Video Entry Control - JP System Wiring Diagrams & Setup

BLOCK DIAGRAM

JP Series

Sample Wiring Configuration

For Military Recruiting Office Applications



18 AWG Solid Non Shielded 2 Conductor (Aiphone #871802 or equivalent)

CAT-6 (Not provided by Aiphone)

PS PS-2420UL 24V DC 2A Power Supply

JP-8Z* is to be located/mounted on the Communication Board

*For applications with 4 or fewer JP-4HD sub master Desk Stations, the JP-8Z will only need one PS-2420UL power supply connected to the Group1 input.

**For applications with 5 or more JP-4HD sub master Desk Stations, the JP-8Z will need two PS-2420UL power supply's connected to the Group 1 & 2 Inputs.

JP system door release timer is set at the Master Desk station.

Aiphone Technical Support
Phone: 800.692.0200 Option 1
Hours: 5:00AM – 4:30PM PST M-F
E-mail: tech@aiphone.com

Enclosure #6a

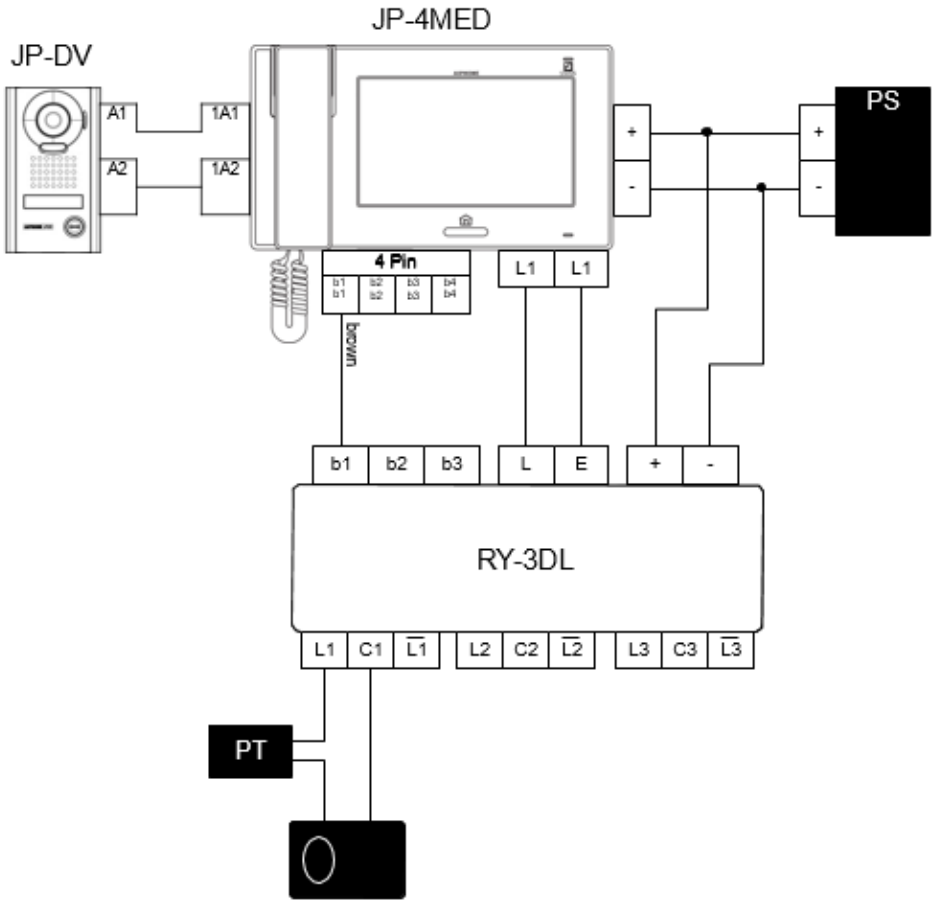
050818PL

Page 1

BLOCK DIAGRAM

JP Series

Door Station and Door Release Diagram
For Military Recruiting Office Applications



L# Terminals: Normally Open Dry Contact (Strikes, REX inputs)
C# Terminals: Common Contact
L# Terminals: Normally Closed Dry Contact (Maglocks)

Door Release Hardware

PT — Door Release Power Source

PS — Aiphone PS-2420UL (24V DC, 2A)

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Phone: 800.692.0200 Option 1
Hours: 5:00AM – 4:30PM PST M-F
E-mail: tech@aiphone.com

Enclosure #6b

050818PL

Page 2

JP Series

Initial and General Settings Information
For Military Recruiting Office Applications

ID Settings

For systems with multiple JP-4HD sub masters, each JP-4HD will request an ID number when powered on. Stations will not finish starting up until all sub masters are assigned a distinct ID number (2-8). The JP-4MED will automatically assign itself ID#1.

Time and Date

To set the current time and date, press the Home button on the JP-4MED and tap the SETTINGS icon. Choose GENERAL, then DATE/TIME. Adjust as needed then tap the ENTER icon to save the changes.

Adjusting Brightness and Volume Settings

In the SETTINGS menu, tap the ADJUST button. From here you will be able to adjust the volume heard at this particular station for the call tone, open voice speaker and handset speaker. Screen brightness can also be adjusted here.

- Brightness Control
- Hands Free Receive Volume Control
- Handset Receive Volume Control
- Call Tone Volume Control (Door Station call)
- Call Tone Volume Control (Monitor Station call)

Enclosure #6c

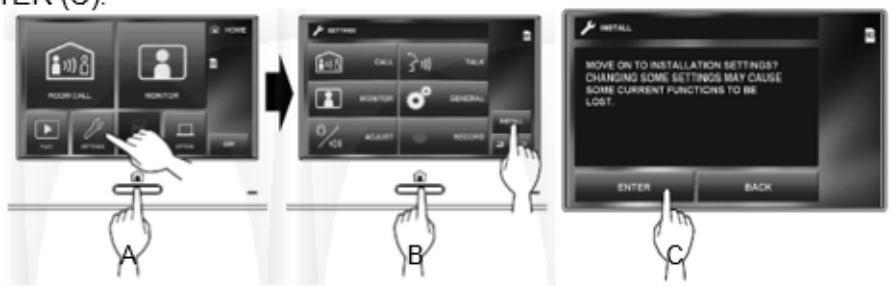
Aiphone Technical Support
Phone: 800.692.0200 Option 1
Hours: 5:00AM – 4:30PM PST M-F
E-mail: tech@aiphone.com

JP Series

Door Release Settings Information
For Military Recruiting Office Applications

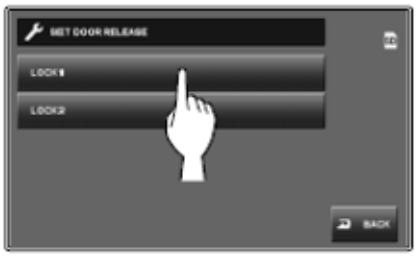
Accessing the Install Menu

To access the Install menu on any station, press and hold the Home button while in standby. While still holding the Home button, tap the Settings icon (A), then tap the INSTALL icon in the lower right corner of the Settings screen (B). Once the INSTALL message comes up, release the Home button and tap ENTER (C).



Door Release Settings

In the **INSTALL** menu, tap **SET DOOR RELEASE**, and then tap **LOCK1**.



1.OUTPUT METHOD will allow you to set the L1 relay as normally open (N/O) or normally closed (N/C). Leave it at N/O.
2.REFERENCE DOOR will let you link the door or doors to the door release. Leave it on **SHOW** for **DOOR 1**.
3.DOOR RELEASE DURATION lets you program how long the door release relay will stay active for when trigger. Should be set at **10** seconds, or minimum allowed by code.

NOTE: After **LOCK1** has been set, we recommend selecting **LOCK2** and setting it to **HIDE** for all doors under **REFERENCE DOOR**. This will gray out the [KEY] 2 icon for all monitors.

Enclosure #6d

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E-mail: tech@aiphone.com

ENCLOSURE # 7a, 7b and 7c

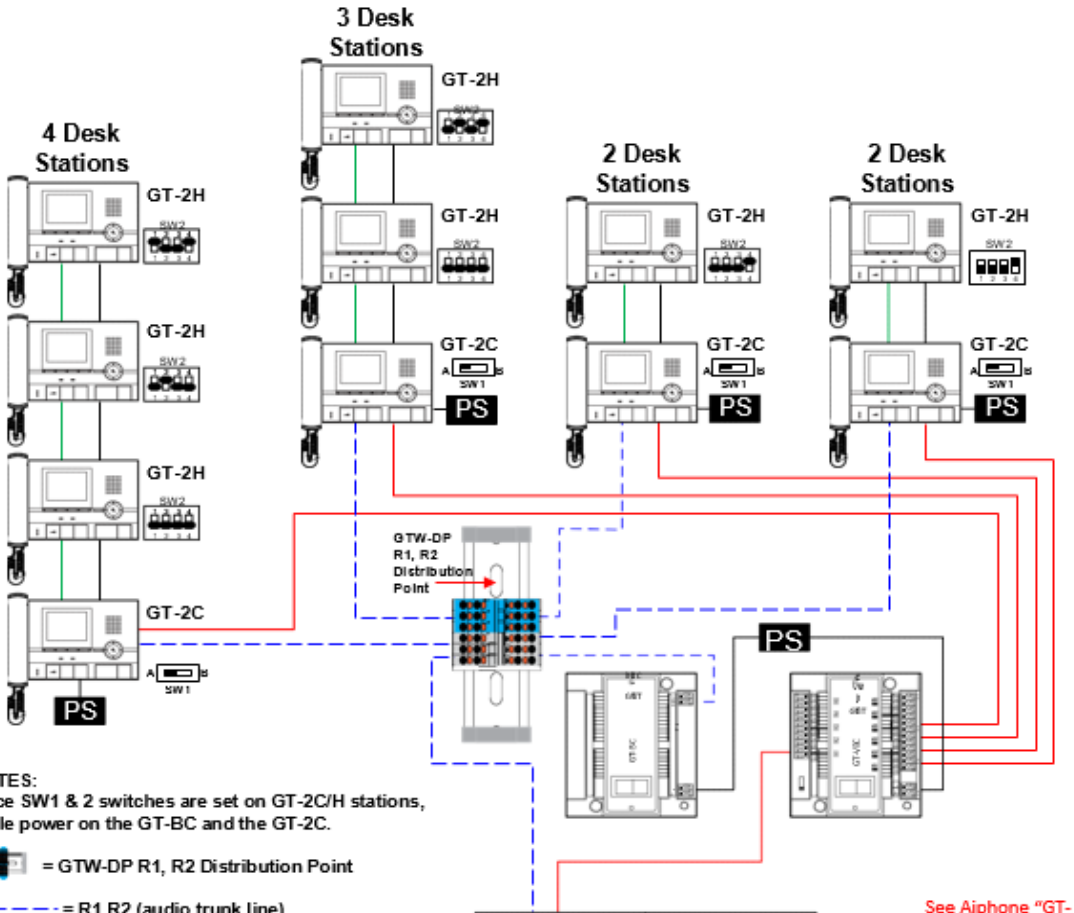
GENERAL STANDARD (GS)

Video Entry Control - GT System Wiring Diagrams & Setup

BLOCK DIAGRAM

GT Series

Sample Wiring Configuration
For Military Recruiting Center Applications
(Multiple Service Locations with a Shared Entrance Door)



NOTES:
Once SW1 & 2 switches are set on GT-2C/H stations, cycle power on the GT-BC and the GT-2C.

= GTW-DP R1, R2 Distribution Point

= R1,R2 (audio trunk line)
Aiphone wire # 872002
Max. cumulative distance = 8200 feet

= A1, A2 & B1, B2 (video trunk line)
Aiphone wire # 871802
(see instructions for video distance)

= H1, H2 (GT-2H signal wire)
Aiphone wire #871802

PS — PS-2420UL 24V DC power supply

PT — 12-24V AC/DC Transformer for GT-AC keypad (PT-1210N,PS-2420UL, etc.)

See Aiphone "GT-Standard-Expanded-Setting Manual.pdf for timer instructions on page 7 (http://www.aiphone.com/wp-content/uploads/GT-Standard-Expanded-Setting-Manual.pdf). Set door release timer to 10 seconds on the door station.

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Hours: 5:00AM – 4:30PM PST M-F
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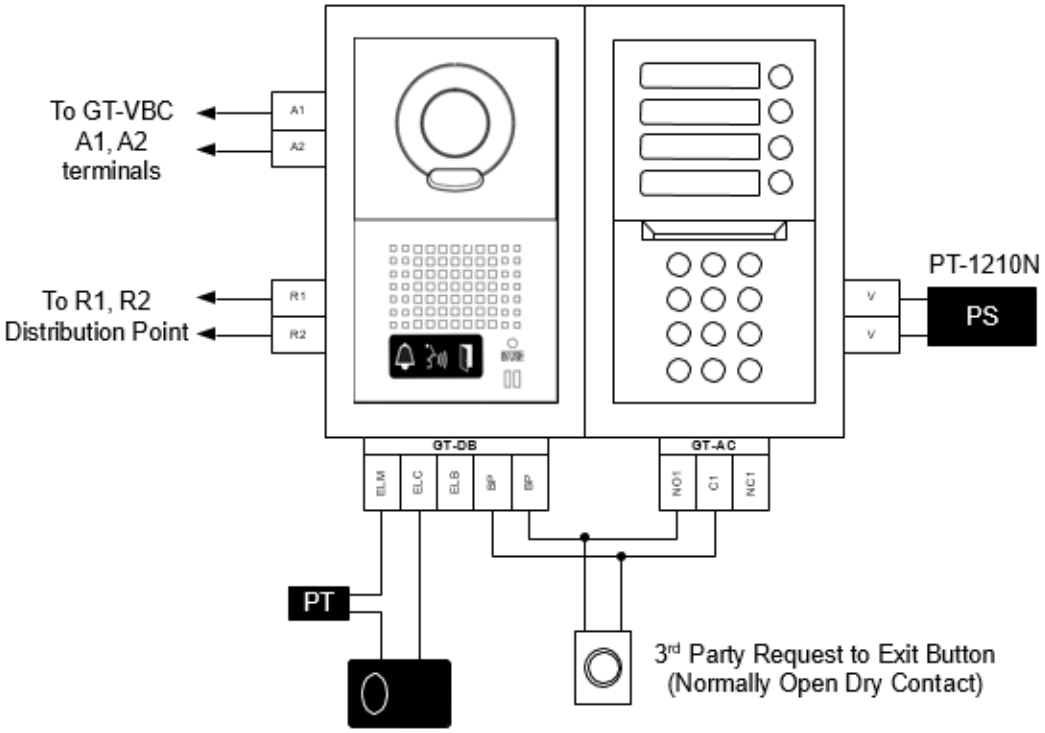
Enclosure #7a

Page 1

BLOCK DIAGRAM

GT Series

Connecting the GT-DB, GT-AC keypad And a 3rd party Request to Exit button



GT-DB Door Release Contact Information

ELM = Normally Open
ELC = Common
ELB = Normally Closed
Contact Rating: Up to 24V AC/DC @ less than 4A

Door release equipment. Door strikes and similar fail secure devices will use the ELM and ELC terminals. Maglocks and other fail safe devices will use the ELB and ELC terminals.

PT Power source for door release equipment (not provided by Aiphone).

050818PL

Aiphone Technical Support
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E-mail: tech@aiphone.com

Enclosure #7b

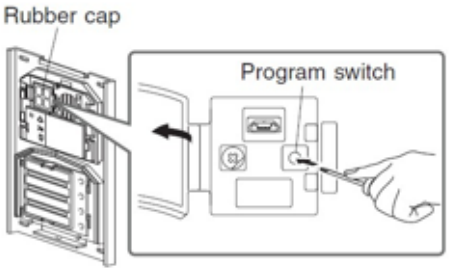
Page 2

GT Series

Programming Steps

Prior to starting the programming process, verify all connections and dip switch settings on the GT-2C and GT-2H Stations (refer to the guide on page 1). Connect power supplies to the GT-2Cs and turn on the GT-BC and GT-VBC bus controllers.

1. Remove the frame and cover panels by using the included security tool or a #10 spanner bit to loosen the security screw at the bottom of the frame.



2. Find and lift up the rubber cap on the front of the GT-DB speaker module, then push and release the micro switch that is revealed. The amber in use light on the GT-DB will begin to blink. After about 8-10 seconds the light will stop blinking and go solid to indicate you are in Program mode.

3. Once the light has gone solid, push and release the talk button on the GT-2C tenant station you will be programming. Verify that you have 2 way audio and video displayed on the GT-2C from the door.

4. On the entry panel, push and release the call button (do not press and hold) that you want to assign to this GT-2C. You will hear a short blip tone at the entry panel and the green bell icon will blink once.

5. Push the Off button on the GT-2C to turn off the station. If you wish to link other GT-2C stations to the other buttons on the entry panel, repeat steps 3-5 individually for each, then proceed to step 6.

6. Push and release the micro switch on the GT-DB to exit program mode (the amber in use light will turn off). Test the call buttons to verify that they are able to call to their respective tenant stations.

Aiphone Technical Support
Phone: 800.692.0200 Option 1
Hours: 5:00AM – 4:30PM PST M-F
E-mail: tech@aiphone.com

ATTACHMENT "1"

NOTE: Within Military Service specific attachments all General Standards (GS) will apply except where specifically differentiated.

ARMY SPECIFIC STANDARDS

A. General Guidance: Same as General Standard (**GS**).
B. Mechanical: **GS.**
C. Plumbing: GS.
D. Electrical: GS w/guidance: See G.2.a below.
E. Communications: GS.
  1. Telephone Equipment: GS.
  2. Telecommunication: GS.
F. Safety and Fire Equipment: GS.
G. Architectural Finishes-Fixtures-Supplies:
  1. Ceilings: GS.
  2. Walls: GS w/guidance:
    a. Mounting pole: Displays2Go, Model # SLC3770LBK - https://www.displays2go.com/P-29667/Swivel-Ceiling-TV-Mount-Flat-Inclined-Surfaces (telescoping pole sized for specific installation location, screen size and weight requirements, with 360° rotation and 25° tilting capable bracket).
      1. Two (2) pull strings to be provided thru the mounting pole (allowing the Army to pull wiring thru / inside the mounting pole (power, ethernet cables, etc.) to the TV from the outlets.
      2. Pole to be mounted to understructure (through the drop ceiling tile). Location, as identified on the approved floor plan / AE drawing, along with:
        i. Army to install TV at a later time (expected mounting of TV at a vertical height of **8'-6" AFF**.
        ii. Bracing / framing to support minimal sway / movement.
        iii. Installation to include a "ceiling plate" or "ceiling mast trim ring" cover (to cover the hole for the pipe in the drop ceiling) and secured to the ceiling tile (may require additional support above the ceiling tile to prevent future ceiling tile sagging / damage). Color to match pole color.
        iv. Within an appropriate distance along the wall (e.g. – approximately within 6" to 8", allowing for appropriate movement at the location).
        v. Corner mounted TVs will need to allow for corner clearance:
          - Inside corners to have mounting of TVs at a 45° angle (or an adjusted ° by the COE representative). Pole location will need to be adjusted accordingly to allow full functionality of the mounting bracket tilt function.
          - Outside corners to have pole mounted as close to the corner as possible (to allow full functionality of the mounting bracket tilt function), and allow up to 270° rotation.
      3. Duplex outlet, and communications outlet box (with CAT6) to be installed and concealed above ceiling tiles directly above TV mounting location.

ARMY PAINT SCHEDULE						
Mfr:	**Color Name:**	**Color #:**	**Product:**	**Coats:**	**Finish:**	**Area:**
Sherwin Williams	PRIMER	ProMar 200 White (see Note 1)	B28W02600	2	Latex: Acrylic Primer	All Walls / All Painted Trim
Sherwin Williams	United States Army Recruiting Off-White	SW 6148 Wool Skein	B20W12651	2	Latex: Eg-Shel	Walls
Sherwin Williams	United States Army Recruiting Khaki	SW 6150 Universal Khaki	B31W2651	2	Latex: Semi-Gloss	Trim
Sherwin Williams	United States Army Recruiting Green	SW 6166 Eclipse	B20T2654	2	Latex: Eg-Shel	Accent Wall
Note 1: ProMar 200 Primer to be tinted to match the applicable wall color for all walls, and all painted trim.						
Note 2: Paint schemes and accent wall finishes to be applied as referenced on floor plan / AE drawing / finish schedule.						
Note 3: All window and door frames shall have semi-gloss finish; color to be: United States Army Recruiting Khaki.						
Note 4: Accent wall to be: United States Army Recruiting Green.						
Note 5: Restrooms: See Common Area Paint Schedule						
Note 6: If selected, contractor should request Sherwin Williams' colors as "United States Army Recruiting..." Formulas to these color names are available on Sherwin Williams' National Accounts Database.						

3. **Flooring:**
   a. **Porcelain Entry Tiles (Entrance-Front / Rear Exterior Exit Areas): GS** - *see* ***ENCLOSURE # 2.***
   b. **Base Cove (for VCT & Carpet only):** Johnsonite / Tarkett (https://distributor.tarkett.com), Rubber; Color: #40, Black, 4" H.
   c. **Storage Areas:** Vinyl composition tile (VCT) with base cove, shall be installed. Style and Color to be AHF / Armstrong Imperial Texture, Standard Excelon, 51811 Antique White. Provide a VCT transition (color: black) to other flooring materials per manufacturer's recommendation.
   d. **Restroom(s): GS.**
   e. **Janitorial-Mechanical Room(s): GS.**
   f. **Carpet Schedule (office, test room and related areas):** Carpet tiles with base cove shall be installed throughout the entire office space except storage rooms, restrooms, common area lobbies, corridors, and exit areas. All carpet must be installed smoothly and evenly in accordance with manufacturer's instructions and *with the approved low Volatile Organic Compounds (VOC's) release adhesive*. **One (1) extra box of carpet tiles (for each Military Service at this location) shall be left in the security closet (**see paragraph K.2.n. for more details) **for future use.**

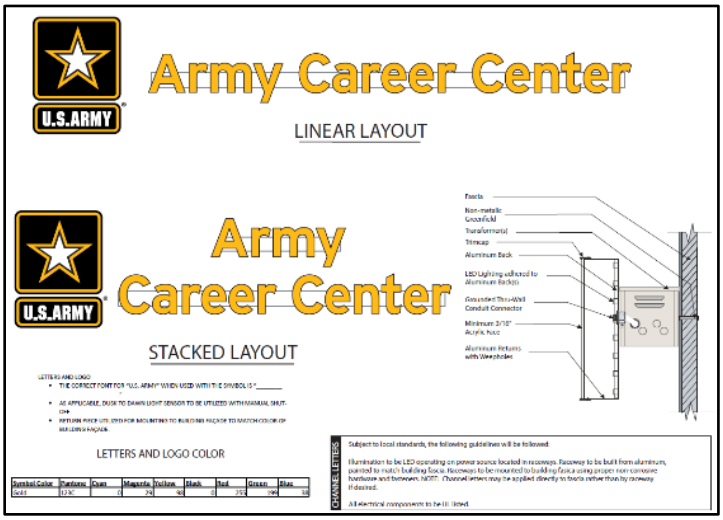
ARMY CARPET SCHEDULE	
Manufacturer / Style:	Shaw / U.S. Army Recruiting Standard: # 802E5
Color (Name, Number):	Duty, BB90D
Product:	Carpet Tile
Installation Method:	Quarter Turn
Installation Adhesive:	"LokDots" Adhesive System
Note: If selected, for expedited delivery - government pricing contact: Shaw Contract for ALL inquiries go to website: www.shawcontract.com/usrecruiting. For pricing and order inquiries go to the pricing & ordering tab at the above website, or call: 1-800-356-7429 ext. 1 or email: cs.gsa@shawinc.com. For general inquiries call Michele Leise, 402-968-6025, email: michele.leise@shawcontract.com	

4. **Windows: GS.**
5. **Doors: GS.**
6. **Restroom Accessories and Miscellaneous: GS.**

7. **Miscellaneous:**
    a. **Exterior Windows / Doors: GS.**
    b. **Perforated Window Wraps: GS.**
    c. **Interior Windows / Doors: GS.**
    d. **Mail Delivery: GS.**
    e. **Chair Rail:** NO chair rail to be installed.
    f. **Shelving: GS.**
    g. **Desktop:** NO desktop to be installed.

H. Signage:

1. **Exterior Signage:**
    a. Lessor to confirm whether sign is approved for use. Channel letter returns and raceway color to match building façade. If approved, the COE will provide an EPS file to the Lessor with appropriate sign design standards.



2. **Individual Army <u>Stand-Alone</u> Marquee / Pylon / Monument Signage:**

MONUMENT/PYLON SIGN

3. **Interior Signage: GS.**

I. Parking: GS.

J. Landscaping: GS.

GENERAL NOTES: GS.

ATTACHMENT "2"

NOTE: Within Military Service specific attachments all General Standards (GS) will apply except where specifically differentiated.

NAVY SPECIFIC STANDARDS

A. General Guidance: Same as General Standard (GS).
B. Mechanical: GS.
C. Plumbing: GS.
D. Electrical: GS.
E. Communications: GS.
F. Safety and Fire Equipment: GS.
G. Architectural Finishes-Fixtures-Supplies: GS w/guidance:
1. Ceilings: GS.
2. Walls: GS w/guidance:
a. Wood Blocking: The Lessor will confirm the walls and exact locations with COE representative for the installation of ¾" plywood backing (with an area of 48" x 48") which will be utilized in the hanging of the Navy's heavy "Chain of Command" & "Navy Accessions Recruits" picture frames (picture frames to be provided and installed by the Navy.) See approved floor plan / AE drawing for locations. The wood blocking (example: https://www.clarkdietrich.com/products/fastback-backing-system-fbbc) will be installed flush to studding and be affixed to withstand a dead load of 50 pounds. If applicable, on existing walls, gypsum board is to be removed, blocking installed, and gypsum board replaced and repaired as required for the blocking installation. Horizontal blocking will be set to allow installation of the picture frame at vertical height of **6'-0" AFF**. If an obstruction prevents the installation of the picture frame at **6'-0" AFF**, the tolerance for installation is +/- 6".

NAVY PAINT SCHEDULE

Mfr:	Color Name:	Color #:	Color:	Coats:	Finish:	Area:
Sherwin Williams	PRIMER	ProMar 200 White (see Note 1)	B28W02600	2	Latex: Acrylic Primer	All Walls / All Painted Trim
Sherwin Williams	United States Navy Recruiting White	SW 7757 High Reflective White	B20W2650	2	Latex: Eg-Shel	Walls (above chair rail)
Sherwin Williams	United States Navy Recruiting Blue	SW 9177 Salty Dog	B20T2654	2	Latex: Semi-Gloss	Walls (below chair rail)
Sherwin Williams	United States Navy Recruiting Gold	SW6903 Cheerful	B31Y2657	2	Latex: Eg-Shel	Chair Rail
Sherwin Williams	United States Navy Recruiting White	SW 7757 High Reflective White	B31W2650	2	Latex: Semi-Gloss	Trim

Note 1: ProMar 200 Primer to be tinted to match the applicable wall color for all walls, and all painted trim.
Note 2: Paint schemes and wall finishes to be applied as referenced on floor plan / AE drawing / finish schedule.
Note 3: All window and door frames shall have semi-gloss finish; color to be: United States Navy Recruiting White.
Note 4: Walls to be: United States Navy Recruiting White ***above*** chair rail and United States Navy Recruiting Blue ***below*** the chair rail.
Note 5: Chair Rail shall have semi-gloss finish; color to be: United States Navy Recruiting Gold.
Note 6: Restrooms: See Common Area Paint Schedule.
Note 7: If selected, contractor should request Sherwin Williams' colors as "United States Navy Recruiting..." Formulas to these color names are available on Sherwin Williams' National Accounts Database.

3. **Flooring:**
   a. **Porcelain Entry Tiles (Entrance-Front / Rear Exterior Exit Areas): GS** - *see* ***ENCLOSURE # 2.***
   b. **Base Cove (for VCT & Carpet only):** Johnsonite / Tarkett (https://distributor.tarkett.com), Rubber; Color: #40, Black, 4" H.
   c. **Storage Areas:** Vinyl composition tile (VCT) with base cove, shall be installed. Style and Color to be AHF / Armstrong Imperial Texture, Standard Excelon, 59230 Victoria Blue. Provide a VCT transition (color: black) to other flooring materials per manufacturer's recommendation.
   d. **Restroom(s): GS.**
   e. **Janitorial-Mechanical Room(s): GS.**
   f. **Carpet Schedule (office, test room and related areas):** Carpet tiles with base cove shall be installed throughout the entire office space except storage rooms, restrooms, common area lobbies, corridors, and exit areas. All carpet must be installed smoothly and evenly in accordance with manufacturer's instructions and *with the approved low Volatile Organic Compounds (VOC's) release adhesive*. **One (1) extra box of carpet tiles (for each Military Service at this location) shall be left in the security closet (**see paragraph K.2.n. for more details) **for future use.**

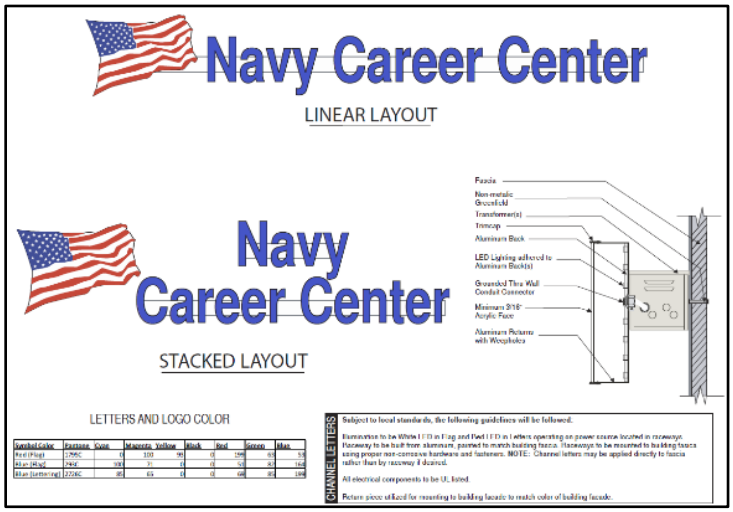
NAVY CARPET SCHEDULE	
Manufacturer / Style:	Shaw / U.S. Navy Recruiting Standard: # 800G3
Color (Name, Number):	Water Garden, 69400
Product:	Carpet Tile
Installation Method:	Monolithic (See Note #1)
Installation Adhesive:	"LokDots" Adhesive System
Note 1: Carpet tile installation to be installed monolithic with all arrows pointing in the left-direction upon walking into the entrance of the space.	
Note 2: If selected, for expedited delivery - government pricing contact: Shaw Contract for ALL inquiries go to website: www.shawcontract.com/usrecruiting. For pricing and order inquiries go to the pricing & ordering tab at the above website, or call: 1-800-356-7429 ext. 1 or email: cs.gsa@shawinc.com. For general inquiries call Michele Leise, 402-968-6025, email: michele.leise@shawcontract.com	

4. **Windows: GS.**
5. **Doors: GS.**
6. **Restroom Accessories and Miscellaneous: GS.**
7. **Miscellaneous:**
   a. **Exterior Windows / Doors: GS.**
   b. **Perforated Window Wraps: GS.**
   c. **Interior Windows / Doors: GS w/guidance:** All interior windows in Navy space will be installed flush on top of the chair rail.
   d. **Mail Delivery: GS.**
   e. **Chair Rail: GS w/guidance:** To be installed in open office areas and individual offices only. See G.9.e for specifics.
   f. **Shelving: GS.**
   g. **Desktop:** NO desktop to be installed.

H. Signage:

1. Exterior Signage:

a. Lessor to confirm whether sign is approved for use. Channel letter returns and raceway color to match building façade. If approved, the COE will provide an EPS file to the Lessor with appropriate sign design standards.



2. Individual Navy <u>Stand-Alone</u> Marquee / Pylon / Monument Signage:

MONUMENT/PYLON SIGN

3. Interior Signage: GS w/guidance: The Lessor shall order / install the Navy's "Training Graphic" and "Honor, Courage, Commitment Graphic" below. Graphics to be centered vertically between the ceiling and chair rail and horizontally scaled to 65% - 70% of the length of the wall. Each graphic is to be made as <u>one-piece</u> with the size of the graphic not to exceed 4' H x 18' L. COE representative to supply the Navy's wall graphic files. Lessor will coordinate with the COE on the installation of these self-adhesive, vinyl graphics or where applicable, rough-surface applications. Materials and instructions for installation are as follows:

a. Apply graphics to a flat smooth finish wall surface (after Navy paint is applied).

b. Allow paint a minimum of 96 hours drying time before applying any wall graphics.

c. Navy' wall graphic shall be printed on and surface-applied to the self-adhesive vinyl. Printed Vinyl: 3M 180CV3-10 opaque white vinyl, surface ink jet printed with the Navy' graphics. Surface laminated with 3M 8520 UV resistant matte clear overlay.

d. 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.

e. **Note 1:** Wall mounted fixtures such as thermostats, wall switches, emergency lighting, and light sensors, etc., should be placed free and clear of all Military Service accents walls and graphics.

f. If selected, for expedited delivery-government pricing contact:

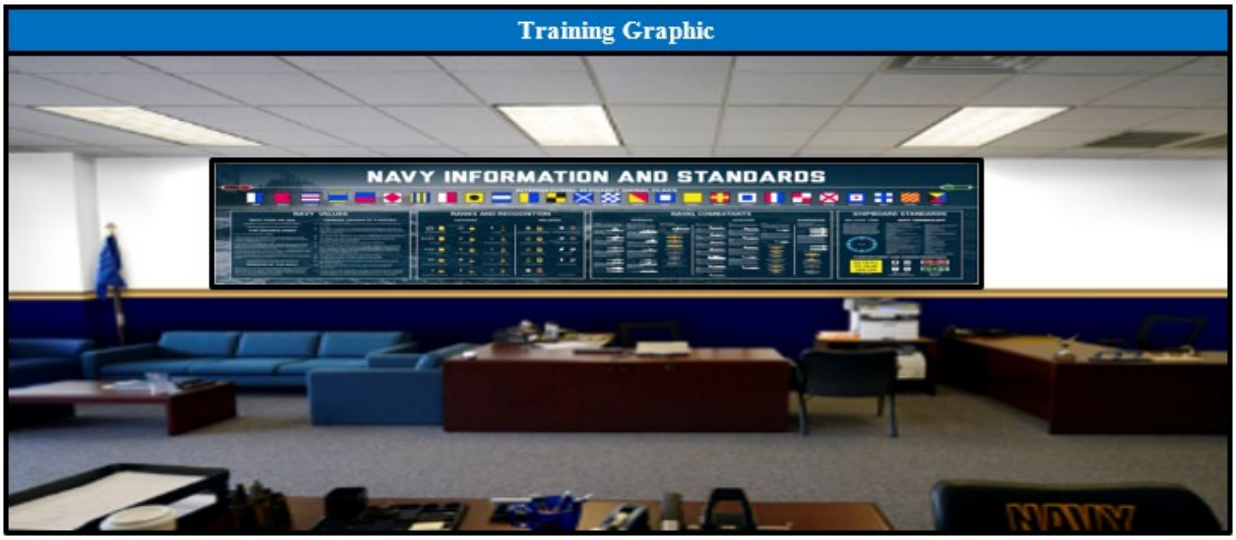
Manufacturer: Fastsigns, Inc.
POC: Chip Fullerton – General Manager.
Phone: (901) 725-7446
Email: 81@fastsigns.com

Model: 3M 180CV3-10 Opaque White Vinyl wall covering
Substrate: Equal to 3M 180CV3-10 Opaque White Vinyl wall covering or better.

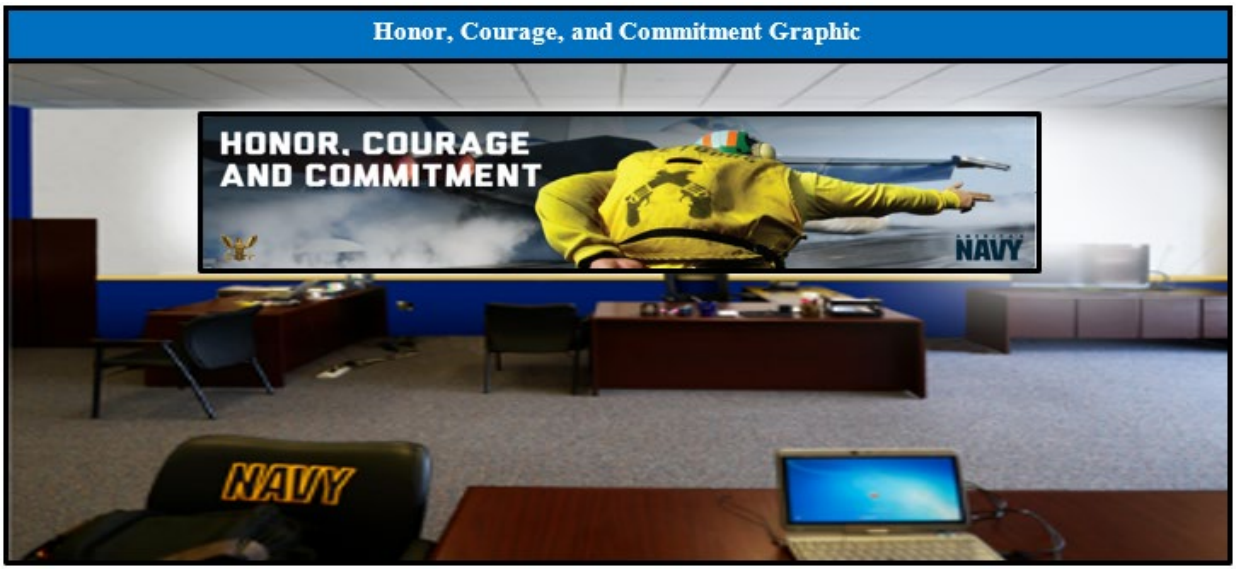
Installation: Utilize manufacturers' recommended products in accordance with

3M 180CV3-10 Opaque White Vinyl wall covering installation instructions and surface preparation and adhesive guidelines. Clean the wall with a mixture of 70 percent isopropyl alcohol and 30 percent water. Do this two times. Cleaning with this mixture will increase adhesion on Low VOC paints. Lessor to install the graphics according to manufacturer' instructions in order to maintain their warranty requirements.

Graphics: a) "**Training Wall Graphic**" to be installed per approved floor plan / AE drawing:



b) "**Honor, Courage, Commitment Wall Graphic**" to be installed per approved floor plan / AE drawing (opposite the Training Graphic):



I. Parking: GS.
J. Landscaping: GS.
GENERAL NOTES: GS.

ATTACHMENT "3"

NOTE: Within Military Service specific attachments all General Standards (GS) will apply except where specifically differentiated.

MARINE CORPS SPECIFIC STANDARDS

A. General Guidance: Same as General Standard (GS).
B. Mechanical: GS.
C. Plumbing: GS.
D. Electrical: GS w/guidance:
  1. Electrical Distribution: GS.
  2. Interior Lighting: GS.
  3. Exterior Lighting: GS.
  4. Switches & Cover-Plates: Wall fixture switches and cover-plates to be Leviton Gray color or equivalent.
E. Communications: GS.
F. Safety and Fire Equipment: GS.
G. Architectural Finishes-Fixtures-Supplies:
  1. Ceilings:
  2. Walls: GS w/guidance:

MARINES CORPS PAINT SCHEDULE

Mfr:	Color Name:	Color #:	Product:	Coats:	Finish:	Area:
Sherwin Williams	PRIMER	ProMar 200 White (see Note 1)	B28W02600	2	Latex: Acrylic Primer	All Walls / All Painted Trim
Sherwin Williams	United States Marines Corps Recruiting Red	SW7586 Stolen Kiss	B20R2658	2	Latex: Eg-Shel	Walls
Sherwin Williams	United States Marines Corps Recruiting Blue	SW9177 Salty Dog	B20T2654	2	Latex: Eg-Shel	Walls
Sherwin Williams	United States Marines Corps Recruiting Khaki	SW6136 Harmonic Tan	B20W12651	2	Latex: Eg-Shel	Walls
Sherwin Williams	United States Marines Corps Recruiting White	SW7526 Maison Blanche	B20W12651	2	Latex: Eg-Shel	Walls
Sherwin Williams	United States Marines Corps Recruiting Gray	SW7645 Thunder Gray	B31T2654	2	Latex: Semi-Gloss	Trim

Note 1: ***ProMar 200 Primer to be tinted to match the applicable wall color for all walls, and all painted trim.***
Note 2: Paint schemes and accent wall finishes to be applied as referenced on floor plan / AE drawing / finish schedule.
Note 3: All window and door frames within MC space shall have semi-gloss finish; color to be: United States Marines Corps Recruiting Gray.
Note 4: United States Marines Corps Recruiting White to be applied in storage, test room and within MC controlled restrooms.
Note 5: For NCOIC offices, two walls to be Recruiting White, one wall to be Recruiting Khaki, and one wall to be Recruiting Blue as identified on the approved floor plan / AE drawing.
Note 6: If selected, contractor should request Sherwin Williams' colors as "United States Marines Corps Recruiting..." Formulas to these color names are available on Sherwin Williams' National Accounts Database.
Note 7: **Restroom: See Common Area Paint Schedule.**

3. Flooring:
  a. Porcelain Entry Tiles (Entrance-Front / Rear Exterior Exit Areas): GS - *see* ***ENCLOSURE # 2.***
  b. Base Cove (for VCT & Carpet only): Johnsonite / Tarkett (https://distributor.tarkett.com), Rubber; Color: #40, Black, 4" H.

c. **Storage Areas:** Vinyl composition tile (VCT) with base cove, shall be installed. Style and Color to be AHF / Armstrong Imperial Texture, Standard Excelon, 51811 Antique White. Provide a VCT transition (color: black) to other flooring materials per manufacturer's recommendation.
d. **Restroom(s): GS.**
e. **Janitorial-Mechanical Room(s): GS.**
f. **Carpet Schedule (office, test room and related areas):** Carpet tiles with base cove shall be installed throughout the entire office space except storage rooms, restrooms, common area lobbies, corridors, and exit areas. All carpet must be installed smoothly and evenly in accordance with manufacturer's instructions and *with the approved low Volatile Organic Compounds (VOC's) release adhesive*. **One (1) extra box of carpet tiles (for each Military Service at this location) shall be left in the security closet (**see paragraph K.2.n. for more details) **for future use.**

MARINE CORPS CARPET SCHEDULE	
Manufacturer / Style:	Shaw / U. S. Marine Corps Recruiting Standard: # 710S4
Color (Name, Number):	Lead, 49500
Product:	Carpet Tile
Installation Method:	Monolithic
Installation Adhesive:	"LokDots" Adhesive System
Note: If selected, for expedited delivery - government pricing contact: Shaw Contract for ALL inquiries go to website: www.shawcontract.com/usrecruiting. For pricing and order inquiries go to the pricing & ordering tab at the above website, or call: 1-800-356-7429 ext. 1 or email: cs.gsa@shawinc.com. For general inquiries call Michele Leise, 402-968-6025, email: michele.leise@shawcontract.com	

4. **Windows: GS w/guidance:** MC door frames & window frames, see Paint-Schedule, G.2., Note 3 above.
5. **Doors:**
   a. **Exterior: GS.**
   b. **Interior: GS w/guidance.**
      1. **Finish:** MC doors **GS.**
         MC door frames & window frames, see Paint-Schedule, G.2., Note 3 above.
6. **Restroom Accessories and Miscellaneous: GS.**
7. **Miscellaneous:**
   a. **Exterior Windows / Doors: GS.**
   b. **Perforated Window Wraps: GS.**
   c. **Interior Windows Doors: GS.**
   d. **Mail Delivery: GS.**
   e. **Chair Rail:** NO chair rail to be installed.
   f. **Shelving: GS.**
   g. **Desktop:** NO desktop to be installed.
   h. **Interior Security Mirror:** If required, a convex or dome security mirror will be installed to provide visibility of the work station areas by the 'recruiter-in-charge.' Mounting height and location will be determined by on-site requirements. The Lessor will coordinate with the COE and the MC representative on its exact placement.

H. Signage:

1. Exterior Signage:

a. Lessor to confirm approved sign for use. Channel letter returns and raceway color to match building façade. If approved, the COE will provide an EPS file to the Lessor with appropriate sign design standards.

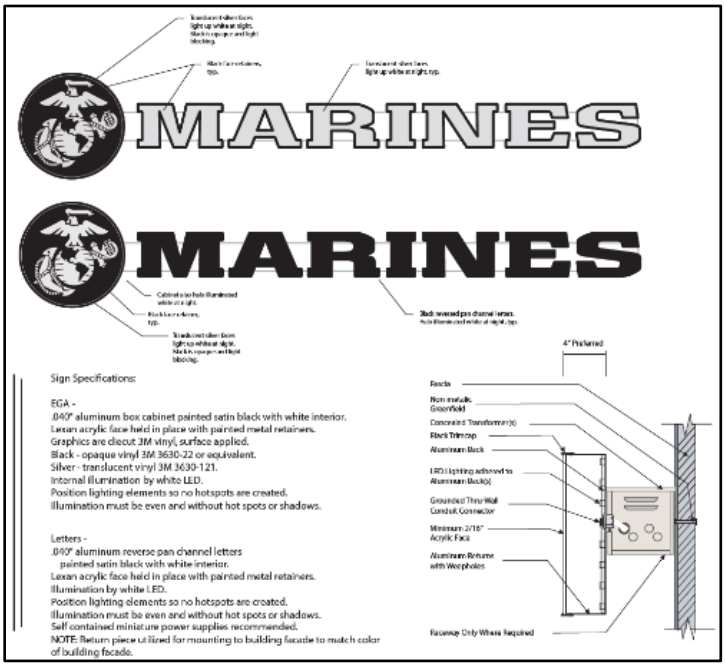


EXHIBIT "A"

2. Individual Marine Corps Stand-Alone Marquee / Pylon / Monument Signage:

MONUMENT/PYLON SIGN

3. Interior Signage: GS.

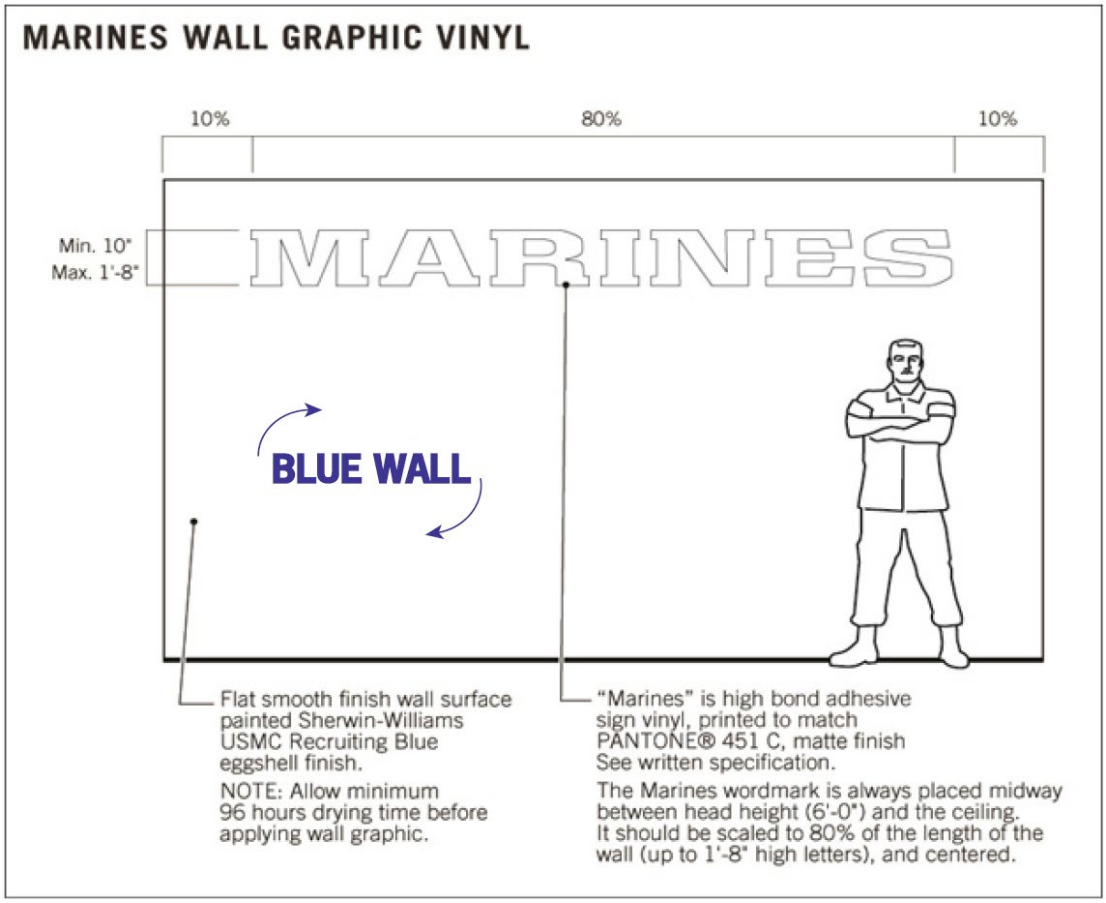
4. Marine Corps Interior Wall Graphics:

a. Location of wall graphics will be as referenced on the floor plan / AE drawing. See EXHIBIT "B" for design / installation elevations.

b. Lessor will coordinate with the COE on the installation of these ***self-adhesive, vinyl graphics or where applicable, rough-surface applications***. See instructions titled "Marine Corps Wall Graphics" **Exhibit "B"** for installation guidance.

EXHIBIT "B"

Marine Corps Wall Graphics

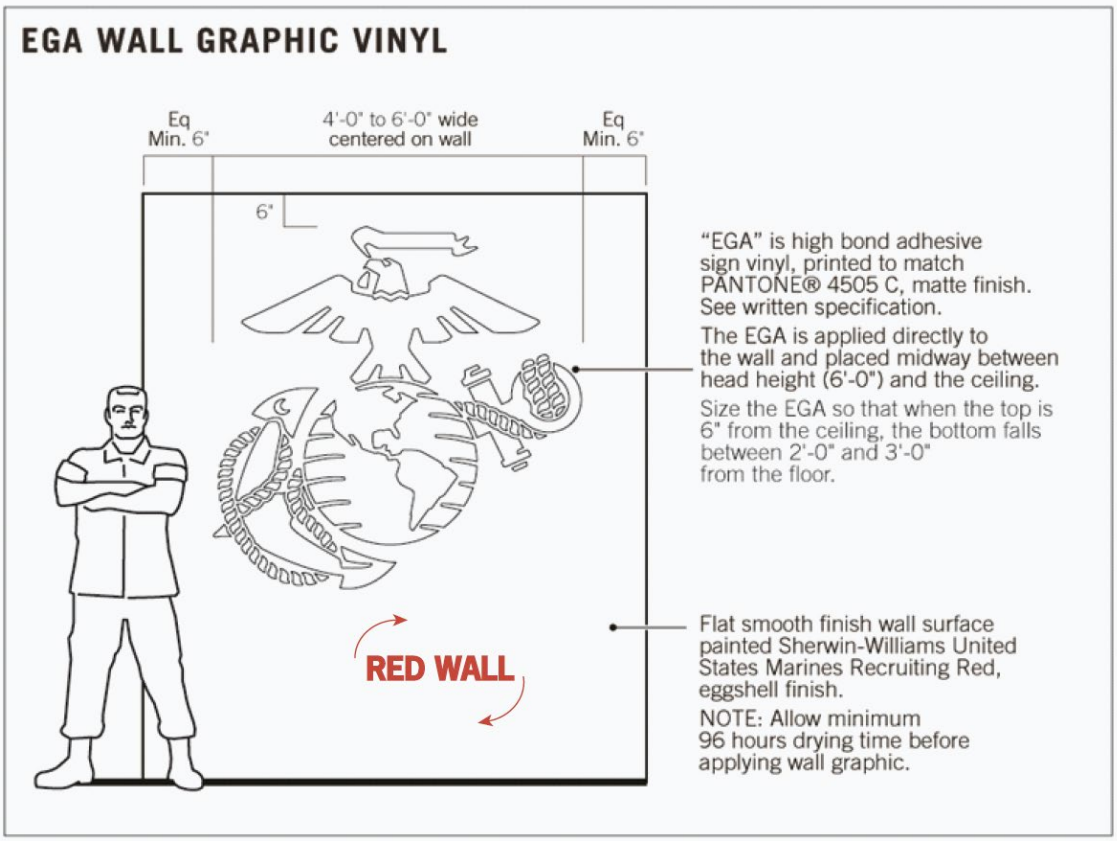


"MARINES" wall graphic is always placed on a **large blue** wall. It is surface-applied, self-adhesive vinyl, color to PANTONE 451C, matte finish, a dark beige non-metallic color. Approved MARINES Wordmark Printed Vinyl: 3M 180CV3-10 opaque white vinyl, surface ink jet print to match PMS 451c (dark beige color) adjust as needed for accurate match to PMS 451. 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 Color 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% of the length of the wall (up to 1'-8" H letters), and centered. The proportions of the provided "MARINES" artwork shall not be changed.

Note 1: Where length of walls exceed standards referenced above use Rule of Thumb: The letter height of the "MARINES" Wordmark should never grow so large that you can't leave clear space above and below "MARINES" equal to the height of the letters, as measured from the work station panels to the ceiling.
Note 2: Wall mounted fixtures such as thermostats, wall switches, light sensors, emergency lighting, etc., should be placed free and clear of all Military Service accents walls.



"EGA" wall graphic is always placed on a **red wall**. It is surface-applied, self-adhesive vinyl, color to match PMS 4505c, matte finish, a dark yellow non-metallic color. Approved EGA Symbol Printed Vinyl: 3M 180CV3-10 opaque white vinyl surface ink jet print to match PMS 4505c (dark 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 the minimum outdoor use 5-year warranty may be provided based on contractor recommendation.

Alternate EGA Symbol Color 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 1: Red and blue walls require a minimum of four days (96 hours) for complete curing and drying time before application of vinyl wall graphics can occur. Paint drying time will be extended in cool or cold climates. Graphics contractor is to be advised of this requirement.
Note 2: Wall mounted fixtures such as thermostats, wall switches, emergency lighting, and light sensors, etc., should be placed free and clear of all Military Service accents walls.

I. Parking: GS.
J. Landscaping: GS.
GENERAL NOTES: GS.

ATTACHMENT "4"

NOTE: Within Military Service specific attachments all General Standards (GS) will apply except where specifically differentiated.

AIR FORCE SPECIFIC STANDARDS

A. General Guidance: Same as General Standard (GS).
B. Mechanical: GS.
C. Plumbing: GS.
D. Electrical: GS w/guidance:
1. **Outlets / faceplates:** Unless otherwise indicated, outlets / faceplates installed on walls with a chair rail shall be Leviton Gray if located below chair rail. Outlets / faceplates installed in areas without chair rail or installed above a chair rail are to be standard WHITE. Note: All outlets / faceplates shall be installed plumb to vertical and will be confirmed with a visual inspection during final walk-through.

E. Communications: GS w/guidance:
1. **Telecommunications:**
   a. **Telecommunication Outlet Placement:** Data ports and faceplates installed on walls with chair rail shall be Leviton Gray if located below the chair rail. Data ports and faceplates installed in rooms without chair rail or installed above a chair rail are to be standard WHITE. Note: Data port / electrical socket and faceplate are always to match in color.

F. Safety and Fire Equipment: GS.
G. Architectural Finishes-Fixtures-Supplies:
1. **Ceilings: GS.**
2. **Walls: GS w/guidance:**

AIR FORCE PAINT SCHEDULE

Mfr:	Color Name:	Color #:	Product:	Coats:	Finish:	Area:
Sherwin Williams	PRIMER	ProMar 200 White (see Note 1)	B28W02600	2	Latex: Acrylic Primer	All Walls / All Painted Trim
Sherwin Williams	United States Air Force Recruiting White	SW6259 Spatial White	B20W12651	2	Latex: Eg-Shel	Walls
Sherwin Williams	United States Air Force Recruiting Gray	SW9162 African Gray	B20W12651	2	Latex: Eg-Shel	Walls (below chair rail)
Sherwin Williams	United States Air Force Recruiting Gray	SW9162 African Gray	B31W2651	2	Latex: Semi-Gloss	Trim & Chair Rail

Note 1: ***ProMar 200 Primer to be tinted to match the applicable wall color for all walls, and all painted trim.***

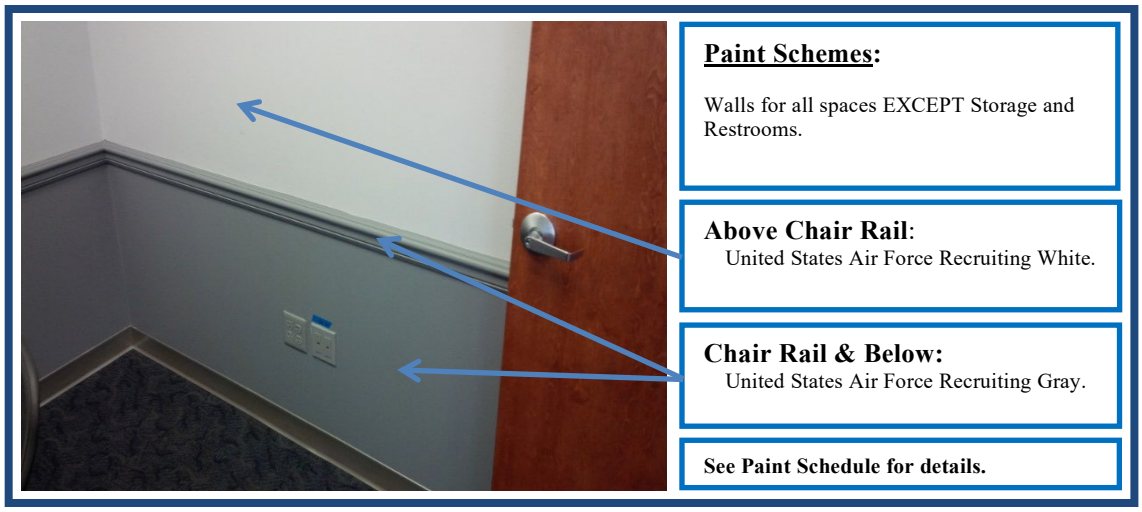
Note 2: Paint schemes and wall finishes to be applied as referenced on floor plan / AE drawing / finish schedule. **No Accent Walls**.

Note 3: Walls for all spaces EXCEPT Storage and Restrooms:
United States Air Force Recruiting White ***above*** chair rail and
United States Air Force Recruiting Gray for the ***chair rail*** and ***below chair rail***.

Note 4: Restrooms: See Common Area Paint Schedule.

Note 5: Storage Room Walls: to be United States Air Force Recruiting White.

Note 6: If selected, contractor should request Sherwin Williams' colors as "United States Air Force Recruiting..."
Formulas to these color names are available on Sherwin Williams' National Accounts Database.



3. **Flooring:**
   a. **Porcelain Entry Tiles (Entrance-Front / Rear Exterior Exit Areas):** GS - *see* ***ENCLOSURE # 2.***
   b. **Base Cove (for VCT & Carpet only):** Johnsonite / Tarkett (https://distributor.tarkett.com), Style-Perceptions; Profile-Recess; Product-Rubber; Color: #69 Sterling Silver, 4.25" H.
   c. **Storage Areas:** Vinyl composition tile (VCT) with base cove, shall be installed. Style and Color to be AHF / Armstrong Imperial Texture, Standard Excelon, 51915 Charcoal. Provide a VCT transition (color: black) to other flooring materials per manufacturer's recommendation.
   d. **Restroom(s): GS.**
   e. **Janitorial-Mechanical Room(s): GS.**
   f. **Carpet Schedule (office, test room and related areas):** Carpet tiles with base cove shall be installed throughout the entire office space except storage rooms, restrooms, common area lobbies, corridors, and exit areas. All carpet must be installed smoothly and evenly in accordance with manufacturer's instructions and *with the approved low Volatile Organic Compounds (VOC's) release adhesive*. **One (1) extra box of carpet tiles (for each Military Service at this location) shall be left in the security closet (**see paragraph K.2.n. for more details) **for future use.**

AIR FORCE CARPET SCHEDULE	
Manufacturer / Style:	Shaw / U. S. AF Recruiting Standard: #800C6
Color (Name, Number):	Ink, #49410
Product:	Carpet Tile
Installation Method:	Monolithic (See Note #1)
Installation Adhesive:	"LokDots" Adhesive System
Note 1: Carpet tile installation to be installed monolithic with all arrows pointing in the left-direction upon walking into the entrance of the space.	
Note 2: If selected, for expedited delivery - government pricing contact: Shaw Contract for ALL inquiries go to website: www.shawcontract.com/usrecruiting. For pricing and order inquiries go to the pricing & ordering tab at the above website, or call: 1-800-356-7429 ext. 1 or email: cs.gsa@shawinc.com. For general inquiries call Michele Leise, 402-968-6025, email: michele.leise@shawcontract.com	

4. **Windows: GS w/guidance:** Frames to be Timely manufactured steel frames with factory-applied Alumatone finish (not painted).
5. **Doors: GS w/guidance:** Frames to be Timely manufactured steel frames with factory-applied Alumatone finish (not painted).
6. **Restroom Accessories and Miscellaneous: GS.**

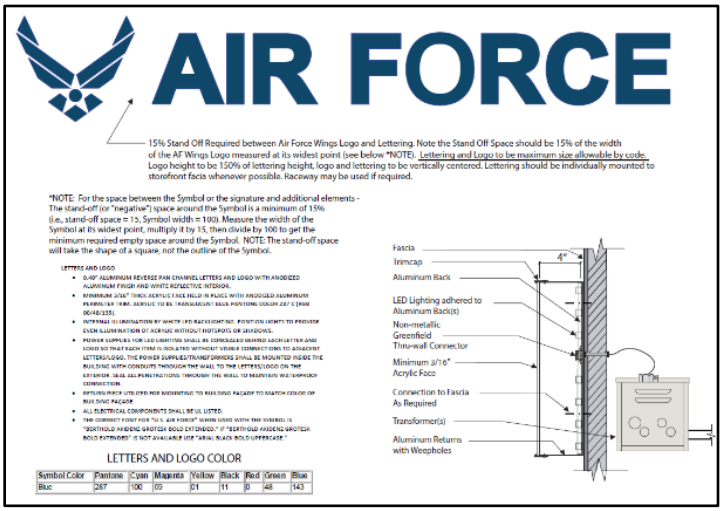
7. **Miscellaneous:**
   a. **Exterior Windows / Doors: GS.**
   b. **Perforated Window Wraps: GS.**
   c. **Interior Windows / Doors: GS.**
   d. **Mail Delivery: GS.**
   e. **Chair Rail: GS w/guidance:** Chair rail to be installed in all rooms, excluding the storage room. NOTE: For Test-Room only, align top of the desktop with the bottom of the chair rail. Bottom of chair rail to be installed approximately 30" AFF. Chair rail and wall areas under chair rail to be painted as referenced in Paint Schedule above. See G.9.e for specifics.
   f. **Shelving: GS.**
   g. **Desktop (built-in countertop): GS w/guidance:**
      1. Installation shall align top of desktop to bottom of char rail – top of desktop shall be installed at 30" AFF.
      2. Desktop to be a minimum of 24" deep with rear grommets to provide power cord / cable access.
      3. Outlet and data ports centered under desktop as indicated on floor plan / AE drawing.
      4. Desktop finish shall be plastic laminate, Formica #927 Folkstone, 58 Matte.
      5. Desktop shall be adequately supported by under-desktop support braces to prevent future sagging.
   h. **Wallpaper Border:** The Lessor shall order and install a specifically designed Custom Digital Wall Covering (wallpaper) which will be applied at the ceiling line. Wallpaper border shall be installed in the Open Office area only.
      1. Open Office Area: Wallpaper border shall be installed on two (2) perpendicular walls (in an "L" shape). The wall directly across from the entry door will have the wallpaper border and one of the side walls, whichever is more viewable upon entering the space. For each wall, border will be installed from corner to corner.
      2. If selected, contact the POC below for Government pricing and expedited delivery:

         Manufacturer: Fastsigns, Inc.
         POC: Brandon Youngblood.
         Phone: (972) 255-2022
         Email: 4@fastsigns.com
         Model: Korographics.
         Substrate: 004 Vinyl wall covering, Type II with 0.37 tick Telflon film, 16" tall
         Installation: Utilize manufacturers' recommended products per Korographics installation instructions and surface preparation and adhesive guidelines.

H. Signage:

1. Exterior Signage:

a. Lessor to confirm whether sign is approved for use. Channel letter returns and raceway color to match building façade. If approved, the COE will provide an EPS file to the Lessor with appropriate sign design standards.



2. Individual Air Force <u>Stand-Alone</u> Marquee / Pylon / Monument Signage:

MONUMENT/PYLON SIGN

3. Interior Signage: GS.

I. Parking: GS.

J. Landscaping: GS.

GENERAL NOTES: GS.

ATTACHMENT "5"

NOTE: Within Military Service specific attachments all General Standards (GS) will apply except where specifically differentiated.

AIR FORCE RESERVE SPECIFIC STANDARDS

A. General Guidance: Same as General Standard (GS).
B. Mechanical: GS.
C. Plumbing: GS.
D. Electrical: GS w/guidance:
1. **Outlets / faceplates:** Unless otherwise indicated, outlets / faceplates installed on walls with a chair rail shall be Leviton Gray if located below chair rail. Outlets / faceplates installed in areas without chair rail or installed above a chair rail are to be standard WHITE. Note: All outlets / faceplates shall be installed plumb to vertical and will be confirmed with a visual inspection during final walk-through.

E. Communications: GS w/guidance:
1. **Telecommunications:**
   a. **Telecommunication Outlet Placement:** Data ports and faceplates installed on walls with chair rail shall be Leviton Gray if located below the chair rail. Data ports and faceplates installed in rooms without chair rail or installed above a chair rail are to be standard WHITE. Note: Data port / electrical socket and faceplate are always to match in color.

F. Safety and Fire Equipment: GS.
G. Architectural Finishes-Fixtures-Supplies
1. **Ceilings: GS.**
2. **Walls: GS w/guidance:**

AIR FORCE RESERVE PAINT SCHEDULE

Mfr:	Color Name:	Color #:	Product:	Coats:	Finish:	Area:
Sherwin Williams	PRIMER	ProMar 200 White (see Note 1)	B28W02600	2	Latex: Acrylic Primer	All Walls / All Painted Trim
Sherwin Williams	United States Air Force Reserve Recruiting White	SW6259 Spatial White	B20W12651	2	Latex: Eg-Shel	Walls
Sherwin Williams	United States Air Force Reserve Recruiting Gray	SW9162 African Gray	B20W12651	2	Latex: Eg-Shel	Walls (below chair rail)
Sherwin Williams	United States Air Force Reserve Recruiting Blue	SW 6811 Honorable Blue	B20T2654	2	Latex: Eg-Shel	Accent Wall
Sherwin Williams	United States Air Force Reserve Recruiting Gray	SW9162 African Gray	B31W2651	2	Latex: Semi-Gloss	Trim & Chair Rail

Note 1: ***ProMar 200 Primer to be tinted to match the applicable wall color for all walls, and all painted trim.***
Note 2: Paint schemes, accent wall and chair rail finishes, to be applied as referenced on floor plan / AE drawing / finish schedule.
Note 3: All window frames, door frames and chair rail shall have semi-gloss finish; color to be: United States Air Force Reserve Recruiting Gray.
Note 4: **Accent wall** to be: United States Air Force Reserve Recruiting Blue ***above*** chair rail and United States Air Force Reserve Recruiting Gray ***below*** the chair rail.
Note 5: Restrooms: See Common Area Paint Schedule.
Note 6: If selected, contractor should request Sherwin Williams' colors as "United States Air Force Reserve Recruiting..." Formulas to these color names are available on Sherwin Williams' National Accounts Database.

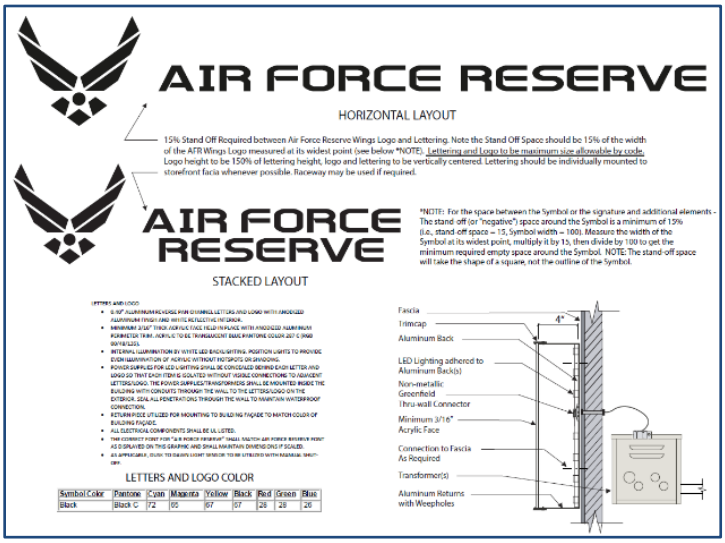
3. **Flooring:**
   a. **Porcelain Entry Tiles (Entrance-Front / Rear Exterior Exit Areas):** GS - *see* ***ENCLOSURE # 2.***
   b. **Base Cove (for VCT & Carpet only):** Johnsonite / Tarkett (https://distributor.tarkett.com), Style-Perceptions; Profile-Recess; Product-Rubber; Color: #69 Sterling Silver, 4.25" H.
   c. **Storage Areas:** Vinyl composition tile (VCT) with base cove, shall be installed. Style and Color to be AHF / Armstrong Imperial Texture, Standard Excelon, 51915 Charcoal. Provide a VCT transition (color: black) to other flooring materials per manufacturer's recommendation.
   d. **Restroom(s): GS.**
   e. **Janitorial-Mechanical Room(s): GS.**
   f. **Carpet Schedule (office, test room and related areas):** Carpet tiles with base cove shall be installed throughout the entire office space except storage rooms, restrooms, common area lobbies, corridors, and exit areas. All carpet must be installed smoothly and evenly in accordance with manufacturer's instructions and *with the approved low Volatile Organic Compounds (VOC's) release adhesive*. **One (1) extra box of carpet tiles (for each Military Service at this location) shall be left in the security closet (**see paragraph K.2.n. for more details) **for future use.**

AIR FORCE RESERVE CARPET SCHEDULE	
Manufacturer / Style:	Shaw / U. S. AF Reserve Recruiting Standard: #800C6
Color (Name, Number):	Ink, #49410
Product:	Carpet Tile
Installation Method:	Monolithic (See Note #1)
Installation Adhesive:	"LokDots" Adhesive System
Note 1: Carpet tile installation to be installed monolithic with all arrows pointing in the left-direction upon walking into the entrance of the space.	
Note 2: If selected, for expedited delivery - government pricing contact: Shaw Contract for ALL inquiries go to website: www.shawcontract.com/usrecruiting. For pricing and order inquiries go to the pricing & ordering tab at the above website, or call: 1-800-356-7429 ext. 1 or email: cs.gsa@shawinc.com. For general inquiries call Michele Leise, 402-968-6025, email: michele.leise@shawcontract.com	

4. **Windows: GS.**
5. **Doors: GS.**
6. **Restroom Accessories and Miscellaneous: GS.**
7. **Miscellaneous:**
   a. **Exterior Windows / Doors: GS.**
   b. **Perforated Window Wraps: GS.**
   c. **Interior Windows / Doors: GS.**
   d. **Mail Delivery: GS.**
   e. **Chair Rail: GS w/guidance: S**ee paint schedule, Note 3. Chair rail to be installed in all rooms, excluding the storage room. NOTE: For Test-Room only, align top of the desktop with the bottom of the chair rail. Bottom of chair rail to be installed approximately 30" AFF. Chair rail and wall areas under chair rail to be painted as referenced in Paint Schedule above. See G.9.e for specifics.
   f. **Shelving: GS.**
   g. **Desktop (built-in countertop):**
      1. Installation shall align top of desktop to bottom of char rail – top of desktop shall be installed at 30" AFF.
      2. Desktop to be a minimum of 24" deep with rear grommets to provide power cord / cable access.
      3. Outlet and data ports centered under desktop as indicated on floor plan / AE drawing.
      4. Desktop finish shall be plastic laminate, Formica #927 Folkstone, 58 Matte.
      5. Desktop shall be adequately supported by under-desktop support braces to prevent future sagging.

H. Signage:

1. **Exterior Signage: GS w/guidance:** Lessor to confirm whether sign is approved for use. Channel letter returns and raceway color to match building façade. If approved, the COE will provide an EPS file to the Lessor with appropriate sign design standards.



2. **Individual Air Force Reserve <u>Stand-Alone</u> Marquee / Pylon / Monument Signage:**

MONUMENT/PYLON SIGN

3. **Interior Signage: GS.**
4. **Air Force Reserve <u>Exterior</u> Door and Window Graphics: GS w/guidance:**
   This graphic does NOT take the place of a perforated window wrap on the exterior glass. It is for locations that don't have a perforated window wrap installed. As applicable, location of door and window graphics will be as referenced on the floor plan / AE drawing and as detailed on design elevations. Lessor will coordinate with the COE on the location of these ***self-adhesive, vinyl graphics.*** ***<u>IMPORTANT</u>:*** *these graphics are to be applied on exterior surface of glass - on interior doors.*

AIR FORCE RESERVE

Note: Graphic is surface applied self-adhesive vinyl. The COE will provide an EPS format file to the Lessor with appropriate graphic design standards.

I. Parking: GS.
J. Landscaping: GS.
GENERAL NOTES: GS.