

3.0 <C2F_DIV>DIVISION</C2F_DIV><C2F_CORPS>CORPS</C2F_CORPS><C2F_NUMA>NUMBERED ARMY (#A)</C2F_NUMA><C2F_DRU>DIRECT REPORTING UNIT (DRU)</C2F_DRU><C2F_ACOM>ARMY COMMAND (ACOM)</C2F_ACOM><C2F_OTHER> «C2F_OTHER_TYPE»</C2F_OTHER>HEADQUARTERS <VER>(REV 3.0 – 31 AUG 2012)</VER>

3.1. GENERAL REQUIREMENTS: Provide a <C2F_DIV> Division</C2F_DIV><C2F_CORPS> Corps</C2F_CORPS><C2F_NUMA> Numbered Army (#A)</C2F_NUMA><C2F_DRU> Direct Reporting Unit (DRU)</C2F_DRU><C2F_ACOM>Army Command (ACOM)</C2F_ACOM><C2F_OTHER> «C2F_OTHER_TYPE»</C2F_OTHER> headquarters: This project shall provide facilities to accommodate administrative and command operations. It is intended to be similar to a combination corporate headquarters or municipal administration facility with an emergency operations center in the civilian sector community.

3.1.1. FACILITY DESCRIPTION: The preferred arrangement is a multi-story, stand-alone facility organized around the central core consisting of stairs, elevators, men's and women's restrooms, telecommunication rooms and other support spaces such as break rooms, storage, recycle rooms, etc., as depicted in the preferred functional layout included with this RFP. General office space is broken into organizational elements and is grouped by security zones.

A. The Operations Center (OC)<C2F_NOC>, and Network Operations Center (NOC)</C2F_NOC><C2F_SCIF>, and Sensitive Compartmented Information Facility (SCIF)<C2F_SCIF><C2F_STO>, including the Special Technical Operations (STO) facility area, <C2F_STO> must be collocated.<C2F_SCIF> The SCIF must be accessible to tactical vehicles.<C2F_SCIF> The OC<C2F_NOC>, and NOC</C2F_NOC><C2F_SCIF>, and SCIF</C2F_SCIF> must be structured to ensure survivability against local anticipated climatic conditions, such as earthquakes, tornados, hurricanes or flooding.

B. The program table included in this document assigns space for break rooms, storage rooms and conference rooms. The preferred locations and distribution of these spaces are <C2F_LAYOUT_INCLUDED>depicted in the layout included with this RFP</C2F_LAYOUT_INCLUDED><C2F_FIGURE1>consistent with principles in Figure 1 in Attachment A</C2F_FIGURE1><C2F_DESIGN_CHARRETTE>to be determined in the design charrette</C2F_DESIGN_CHARRETTE>. The Command Conference room shall be located adjacent to the Commander's suite, and shall not be consolidated with any other conference space.

3.1.2. FACILITY RELATIONSHIPS: Facility siting shall comply with installation zoning to improve activity compatibility. <C2F_OTHER_OPERATIONAL>Other operational facilities associated with a C2F complex include Battalion Headquarters (BN HQ) for a Special Troops Battalion, Company Operations Facilities (COFs) for Headquarters, Signal, and Military Intelligence Companies, and a Tactical Equipment Maintenance Facility (TEMF) for vehicles and equipment associated with these organizations. The BN HQ, COF, and TEMF should be located adjacent to the C2F. Force Protection measures must be met. <C2F_OTHER_OPERATIONAL>Building hardening above the minimum requirements outlined in Force Protection directives are not required as long as established setback distances are met. <C2F_OTHER_OPERATIONAL>Specific requirements for the Battalion HQ (CC 14183), the COF (CC 14185), the TEMF (CC 21410), and the organizational parking (CC 85210) are addressed in separate standard design documents for those facilities. <C2F_OTHER_OPERATIONAL><C2F_SITE_PLAN>Refer to the Site Plan included with the RFP for a graphic representation of the relationship between Operations Complex facilities. <C2F_SITE_PLAN>The idealized overall site shall provide an exterior ceremonial space, <C2F_ANTENNA>an antenna farm, </C2F_ANTENNA><C2F_HELI>a helipad, </C2F_HELI>a loading and service area, and controlled access parking for organizational vehicles.

3.1.3. ACCESSIBILITY REQUIREMENTS: The facility shall be accessible to the physically handicapped.

3.1.4. BUILDING AREAS: Gross areas of the facility shall be computed according to subparagraphs below. Maximum gross area limits indicated in Paragraph 2.0, SCOPE, may not be exceeded. A smaller overall gross area is permissible if all established net area program requirements are met.

A. ENCLOSED SPACES: The gross area includes the total area of all floors, including basements, mezzanines, penthouses, usable attic or sloping spaces used to accommodate mechanical equipment or for storage with an average height of 6'-11" measured from the underside of the structural system and with the

Comment [sdn1]:
HOW WILL THE PREFERRED LOCATIONS AND DISTRIBUTION OF THESE SPACES BE DEPICTED?

Comment [sdn2]:
WILL THE PROJECT INCLUDE OTHER SUPPORT FACILITIES? IF SO WHICH ONES?
Bn for special troops
Cof for hq, signal, and military intelligence
Temf.

Comment [sdn3]: See comment above.

Comment [sdn4]: WILL A SITE PLAN BE DEVELOPED FOR INCLUSION IN THE RFP?
IF YES, INCLUDE TXT, IF NO REMOVE.

perimeter walls measuring a minimum of 4'-11" in height, and other enclosed spaces as determined by the effective outside dimensions of the building.

B. **ONE-HALF SPACE:** One-half of the area will be included in the gross area for balconies and porches; exterior covered loading platforms or facilities, either depressed, ground level, or raised; covered but not enclosed passageways or walks; covered and uncovered but open stairs; and covered ramps.

C. **EXCLUDED SPACE:** Crawl spaces; exterior uncovered loading platforms or facilities, either depressed, ground level, or raised; exterior insulation applied to existing buildings; open courtyards; open paved terraces; roof overhangs and soffits for weather protection; uncovered ramps; uncovered stoops; and utility tunnels and raceways will be excluded from the gross area.

3.1.5. ADAPT BUILD MODEL – NOT USED

3.2. FUNCTIONAL AND OPERATIONAL REQUIREMENTS

3.2.1. **FUNCTIONAL SPACES:** Net area requirements for functional spaces are included in the **<C2F_DRAWINGS>** drawings **<C2F_DRAWINGS><C2F_SPACE_PROGRAM>** space program **<C2F_SPACE_PROGRAM>**. If net area requirements are not indicated, the space shall be sized to accommodate the required function, comply with code requirements, comply with overall gross area limitations and other requirements of the RFP (for example, area requirements for corridors, stairs, and mechanical rooms will typically be left to the discretion of the Offeror).

Comment [sdn5]:
WHERE ARE THE NET AREA REQUIREMENTS LOCATED IN THE RFP?

A. **GENERAL:** The headquarters shall consist of three broad categories of space: administrative space, secure operational space / special space, and building support space. These are described below and more fully in the programmatic requirements Attachment **<C2F_DIV>C</C2F_DIV><C2F_CORPS>C</C2F_CORPS><C2F_NUMA>D</C2F_NUMA><C2F_ACOM>E</C2F_ACOM><C2F_OTHER>F</C2F_OTHER>**.

1) **Administrative Space:** Grouped by function, these spaces consist of the following: Command Group and Personal Staff, Coordinating and Special Staff. The following administrative space may be located in all security zones.

a) **Private offices:** Provide private offices for staff principles as outlined in the programmatic requirements in Attachment **<C2F_DIV>C</C2F_DIV><C2F_CORPS>C</C2F_CORPS><C2F_NUMA>D</C2F_NUMA><C2F_ACOM>E</C2F_ACOM><C2F_DRU>F</C2F_DRU><C2F_OTHER>F</C2F_OTHER>**.

b) **Open office areas:** The program for open office areas is predicated on a **<C2F_ACOM_NOT>6'-0" X 8'-0"** with a 100% circulation factor **<C2F_ACOM_NOT><C2F_ACOM>8'-0" X 8'-0"** with a 60% circulation factor **<C2F_ACOM>** workstation.

Comment [sdn6]: Note to RFP preparer: Utilize the 8'-0" x 8'-0" workstation for Army Commands. Utilize the 6'-0" x 8'-0" workstation for all other headquarters.

c) **Admin support spaces:** Provide centralized areas for photocopier, laser printer, and fax machine with waste and paper recycling receptacles and storage cabinets or closets for paper and general office supplies in each office area.

2) **Secure Operational and Special Spaces:** Secure operational spaces include: Operations Center (OC) **<C2F_SCIF>**, Sensitive Compartmented Information Facility (SCIF) **<C2F_SCIF><C2F_NOC>**, and Network Operations Center (NOC) **<C2F_NOC>**. Special spaces include spaces that require the installation of special equipment, such as planning rooms, briefing room, lobby and storage / receiving associated with secure operational areas.

3) **Building Support Spaces:** Building support spaces include mechanical, electrical, telecommunications, circulation, storage and receiving, recyclable storage room, restrooms and similar support areas **<C2F_LAYOUT_INCLUDED>**, as depicted in the layouts included with this RFP **<C2F_LAYOUT_INCLUDED>**.

B. **SECURITY ZONES:** The building is organized around **<C2F_OCONUS_THREE>** three **<C2F_OCONUS_THREE><C2F_OCONUS_FOUR>** four **<C2F_OCONUS_FOUR>** security zones as described below. Security zones are intended to aggregate spaces based on the relative sensitivity of operational activities for space planning purposes. It does not alter, waive, or otherwise justify deviation from applicable Anti-Terrorism / Force Protection (AT/FP), information security, physical security, communications security, or other security requirements outlined

in this standard design and the references in paragraph 3.20. These zones are first delineated by physical security access considerations, with secondary consideration for information handling / classification limitations. All primary spaces (see paragraph 3.2.1.C.) and common areas (see paragraph 3.2.1.D.) are within one or more of the security zones. The Space Program will designate applicable security zones. The following paragraphs provide an overview of the security zones.

<C2F_OPEN_STORAGE> However, note that other than the SCIF, whose requirements are defined below, the entire C2F building, all staff sections, shall be designed and constructed in accordance with AR 380-5 to support an internal configuration of OPEN STORAGE up to a level of SECRET, or as otherwise indicated below. **<C2F_OPEN_STORAGE>**

1) **Security Zone 1 (SZ 1):** Limited access for physical and personal security purposes allowing access for support staff and limited public access. This zone may include, but is not limited to: Ceremonial / Screening Area, Briefing / Conference Room, Command Group, Reenlistment, Command LNO, Chaplain, Surgeon / Medical, Legal, Inspector General, Public Affairs, Sustainment, Special Staff (except Red Team), Safety activities, and general admin space.

2) **Security Zone 2 (SZ 2):** Controlled Access for operational and information security purposes **<C2F_ELECTRONIC>** with electronic access control **<C2F_ELECTRONIC>**. This zone includes, but is not limited to: Intel, Movement & Maneuver, Fires, Protection (except PMO), Command and Control.

3) **Security Zone 3 (SZ 3):** Authorized Operational Staff Only - Restricted access area for classified operational & information security and certified for OPEN STORAGE to SECRET. The number of access points to each of the spaces in SZ 3 shall be limited to the fewest number possible to accommodate operational requirements with electronic access control. The extent of the Security Zone 3 perimeter shall be as depicted on the drawings included with this RFP. The SCIF shall be designed and constructed (with a provided independent electronic access control system) for accreditation in accordance with ICS 705-1 and Office of the Director of National Intelligence – Intelligence Community Standard Number 2009-705-1. Excluding the SCIF, all other areas identified below shall be designed and constructed as a “secure room” in accordance with AR 380-5. The required Security Level for each area shall be as follows:

a) **Operations Center (OC)** – Security Classification Level of **<C2F_ACOM>**TOP SECRET **<C2F_ACOM><C2F_ACOM_NOT>**SECRET **<C2F_ACOM_NOT>**.

b) **<C2F_NOC_NOT>**Not Used **<C2F_NOC_NOT><C2F_NOC>** Network Operations Center (NOC) – Security Classification Level of **<C2F_ACOM>**TOP SECRET **<C2F_ACOM><C2F_ACOM_NOT>**SECRET **<C2F_ACOM_NOT>**. **<C2F_NOC>**

c) **<C2F_SCIF_NOT>**Not Used. **<C2F_SCIF_NOT><C2F_SCIF>** Sensitive Compartmented Information Facility (SCIF) – Security Classification Level of TOP SECRET – SENSITIVE COMPARTMENTED INFORMATION. **<C2F_SCIF>**

d) **<C2F_DRU_OTHER>**Not Used **<C2F_DRU_OTHER><C2F_DRU_OTHER_NOT>** C2F Senior Leader Planning Room (War Room) – Security Classification Level of TOP SECRET. **<C2F_DRU_OTHER_NOT>**

e) **Executive Conference Room** - Classification Level of **<C2F_ACOM>**TOP SECRET **<C2F_ACOM><C2F_ACOM_NOT>**SECRET **<C2F_ACOM_NOT>**.

f) **<C2F_DEPLOYED_NOT>**Not Used **<C2F_DEPLOYED_NOT><C2F_DEPLOYED>** Tactical SCI Vehicle Area (TSVA) – Security Classification Level of TOP SECRET-SENSITIVE COMPARTMENTED INFORMATION) **<C2F_DEPLOYED>**

4) **<C2F_FOREIGN_NAT_NOT>**Not Used **<C2F_FOREIGN_NAT_NOT><C2F_FOREIGN_NAT>** Security Zone 4 (SZ 4): Authorized Foreign National (Non-US) Operational Staff Area – Area for augmentation staff not cleared for access into other security zones, i.e. space for non-US staff habitually supporting the Command with security classification level equivalency determined by theater requirements. SZ 4 shall be located on the first floor to the maximum extent feasible. Provide access safeguards to prevent unauthorized or inadvertent entry of SZ 4 personnel into other areas of the facility, specifically SZ 1 through SZ 3, as determined by the commander and/or local security officer. SZ 1 through SZ 3 personnel with work-related requirements are typically afforded access to SZ 4. **<C2F_FOREIGN_NAT>**

5) **<C2F_AUTHORIZED_NOT>**Not Used **<C2F_AUTHORIZED_NOT><C2F_AUTHORIZED>** Security Zone 4 (SZ 4): Authorized area for Army Materiel Command, Medical Command, Army Corps of Engineers, and Special Operations Headquarters designated as Procurement Agents. When the Army designates an

Comment [sdn7]:

Note to RFP preparer: CHOOSE THE FOLLOWING PARAGRAPH FOR ALL C2F. However, inclusion of this paragraph for DRU / TDA HQ will be determined on a case by case basis. DRU / TDA HQ typically do NOT require OPEN STORAGE throughout the building, and in many cases, may not have a need for OPEN STORAGE in any portion of the facility. The mission drives the requirement for OPEN STORAGE. See approved mission statements for the specific DRU / TDA HQ to determine the need for construction IAW AR 380-5.

Comment [sdn8]:

IS ELECTRONIC ACCESS CONTROL NEEDED FOR SZ2?

Comment [sdn9]: Note to RFP preparer:

Except for SCIFs and TSVA, select SECRET for DRU / TDA HQ unless the proponent has validated the requirement for TOP SECRET. Select TOP SECRET for ACOM or equivalent C2Fs. For other C2Fs, select levels as validated in the requirements analysis or planning charrette.

Comment [sdn10]: Note to RFP preparer:

Tactical SCI Vehicle Area for all Deployable Units

Comment [sdn11]: Note to RFP preparer:

Coordinate need and location of Security Zone 4 with user for OCONUS or headquarters employing foreign national staff or for headquarters authorized as Procurement Agents or having Source Selection missions.

organization as a procurement activity, and confers contract negotiation authority, or designates it as Command Procurement or Source Selection Authority, space is provided up to the security classification level required NTE SECRET. SZ 4 shall be located on first floor to the maximum extent feasible with separate access directly from the Lobby Area after clearing the reception desk and security screen. Provide access safeguards to prevent unauthorized or inadvertent entry of SZ 4 visitors (usually contractors or vendors) into SZ 1 through SZ 3, as well as unauthorized or inadvertent entry of unauthorized SZ 1 through SZ 3 personnel into SZ 4 during sensitive procurement activities, such as source selection. <C2F_AUTHORIZED>

6) **See Figure 1 in Attachment A for adjacency concepts.** <C2F_DRU_OTHER_NOT>See the C2F Adjacency Matrix in the Attachment <C2F_DIV>C</C2F_DIV><C2F_CORPS>C</C2F_CORPS><C2F_NUMA>D</C2F_NUMA><C2F_ACOM>E</C2F_ACOM> for the particular office functions included in each security zone and for description of the security zones. <C2F_DRU_OTHER_NOT>

C. PRIMARY SPACE:

- 1) **Main Lobby / Reception Area (SZ 1):** An entry lobby shall be provided in a location that allows it to serve as an access control area for the building and to support access to and egress from the briefing room. The space shall be designed to accommodate card readers, metal detectors and visitor pass issue. <C2F_DRU_OTHER_NOT>For C2F, the space shall be large enough that a population equal to the capacity of the briefing room can be accommodated in the space without interfering with access control operations for the remainder of the building. <C2F_DRU_OTHER_NOT><C2F_DRU_OTHER>For DRU / TDA HQ, base the size and capacity of the lobby on the total capacity of the building. As a planning factor, allow 2,000 NSF for buildings with a capacity of 2,000 PN or more. For smaller buildings, allow 500 NSF plus one (1) NSF per person over 500 PN, rounded up in increments of 25 NSF. For buildings with a capacity of more than 2,500 PN, add one (1) NSF per person over 2,500 PN, rounded up in increments of 25 NSF. <C2F_DRU_OTHER> A workstation area for a minimum of two (2) persons shall be provided for security access control and located adjacent to the entrance lobby. Work area shall be provided with voice and LAN connectivity, visual monitoring, and key control storage. Provide an air lock entry vestibule from the exterior to comply with energy conserving mandates.
- 2) **Operations Center (OC) (SZ 3).** The Operations Center is a secure area with restricted access. The OC is similar to an emergency operations center in a city or county. Each representative of the various staff agencies shall have a workstation connected to all critical networks. The OC shall accommodate Government furnished audio-visual display television screens and monitors (wall of knowledge). In addition to the main floor, the OC provides areas adjacent to the floor for smaller collaborative meetings and a mezzanine area for observers. The OC shall be located with proximity to the G-3 and isolated from non-operational traffic to the extent possible. It should have access to a loading area to assist in transferring equipment to vehicles or trailers during deployments.
 - a) <C2F_DRU_OTHER_NOT>The C2F OC shall consist of a two-story space with unobstructed site lines to visual displays. </C2F_DRU_OTHER_NOT>Careful consideration shall be taken in the planning of the acoustical properties of the OC. Non-parallel walls are recommended to aid in the diffusion of sound. If the shape of the structure does not offer the appropriate room sound characteristics, sound diffusing absorption material shall also be used. Space for marker boards shall be provided below the visual displays. Diffused daylight may be provided in the space through clerestory (non-operable) windows or similar architectural elements, provided anti-terrorism/force protection requirements are met. Where windows are provided, "automatic blackout shading control systems" shall be provided. All lighting shall be zoned and interfaced to a control system (refer to paragraph 3.10.C.2.) Provide sound insulation in accordance with paragraph 3.5.H.
 - b) The main floor (non-sloping) shall be on one level, with raised access flooring to accommodate changing the equipment and the room layout. It shall be sized to accommodate at least two individuals per workstation, in a lecture-style arrangement, with clear sight-lines to the wall of knowledge. Refer to the program for required number and size of workstations. Provide collaborative, multi-purpose OC Planning Rooms adjacent to the OC.
 - c) Space for observers shall be provided on a second floor / balcony or mezzanine at the rear of the room with access provided in a manner that minimizes traffic through operational areas. The balcony / mezzanine area shall be a minimum of 15'-0" deep and span across the entire length of the OC.
 - d) The OC shall be constructed to include all necessary infrastructure and blocking for the GFGI equipment listed in paragraph 3.19.2.D.
 - e) The OC shall be constructed to meet requirements for <C2F_ACOM>TOP SECRET</C2F_ACOM><C2F_ACOM_NOT>SECRET</C2F_ACOM_NOT> classification and shall be

Comment [sdn12]: IS THE FACILITY AUTHORIZED FOR ONE OF THE FOLLOWING ORGANIZATIONS? Army Materiel Command, Medical Command, Army Corps of Engineers, and Special Operations Headquarters designated as Procurement Agents

constructed in accordance with Section III, subparagraph 7-13 (b) of AR 380-5 with electronic access control at each entrance. Provide sound insulation in accordance with paragraph 3.5.H.

3) ~~<C2F_NOC_NOT>Not Used~~~~<C2F_NOC_NOT>~~~~<C2F_NOC>~~**Network Operations Center (NOC) (SZ 3)**: The Network Operations Center is a secure area with restricted access. The NOC is the area where G-6 personnel and personnel from supporting activities perform network control operations. It directly supports the SCIF and the OC as well as providing general support to the internal telecommunications of the rest of the building. The Network Operations Center (NOC) is subdivided to include both open office space and a computer equipment / server room. The equipment room shall have racks mounted on the raised access floor, anchored through the floor to the concrete sub-floor, with underfloor cable trays. This space shall also accommodate secure communication cabinets as defined in the Information Systems Facility Design Criteria (FDC). The NOC shall be close to the OC and antenna farm to minimize cable lengths.

a) The NOC shall be constructed to include all necessary infrastructure and blocking for the GFGI equipment listed in paragraph 3.19.2.E.

b) The NOC shall be constructed to meet requirements for ~~<C2F_ACOM>~~TOP SECRET~~<C2F_ACOM>~~~~<C2F_ACOM_NOT>~~SECRET~~<C2F_ACOM_NOT>~~ and constructed in accordance with Section III, subparagraph 7-13 (b) of AR 380-5 with electronic access control at each entrance. Provide sound insulation in accordance with paragraph 3.5.H. ~~<C2F_NOC>~~

4) ~~<C2F_NOC_NOT>Not Used~~~~<C2F_NOC_NOT>~~**COMSEC Room**. Provide a COMSEC Room in conjunction with the NOC. Construction shall meet SECURE ROOM standards per AR 380-40. ~~<C2F_NOC>~~

5) ~~<C2F_SCIF_NOT>Not Used~~~~<C2F_SCIF_NOT>~~~~<C2F_SCIF>~~**Sensitive Compartmented Information Facility (SCIF) (SZ3)**. The SCIF is a secure area with restricted access that stores and processes classified information. The SCIF shall be designed and constructed for accreditation in accordance with ICS 705-1 and Office of the Director of National Intelligence – Intelligence Community Standard Number 2009-705-1 for TOP SECRET/Sensitive Compartmented Information (TS/SCI). ~~<C2F_STO>~~Additionally, a Special Technical Operations (STO) facility shall be included within the C2F SCIF, and consists of a STO Office and a STO VTC Room and shall be designed and constructed in accordance with Joint Air Force-Army-Navy (JAFAN) Manual 6/9 for use as a Special Access Program Facility (SAPF).~~<C2F_STO>~~ Continuous radio frequency (RF) shielding shall be provided at all perimeter walls with construction in accordance with ICS 705-1 "Standard Acoustic Wall Construction", in accordance with paragraph 3.5.H. Furthermore, all conference / teleconference rooms and the STO facility, due to the possibility of amplified audio, shall meet Sound Group 4 performance criteria - STC 50 or better, in accordance with paragraph 3.5.H. SCIFs will be accredited by the Defense Intelligence Agency (DIA). The SCIF shall be classified for open storage. This portion of the facility is supervised by, and primarily supports the G-2 staff section. With the exception of the Break Room and those areas identified above, all other subdivided internal SCIF areas shall be isolated from each other by ICS 705-1 "Standard Wall – Non Discussion" type construction with access controlled by proximity electronic card readers (touch / keypad).

a) Provide physical space for all necessary power, telecommunications, and HVAC equipment to support the secure (TS/SCI) video teleconference equipment found in the Joint Worldwide Intelligence Communications System (JWICS) assigned to the C2F.

b) The SCIF shall be constructed to include all necessary infrastructure and blocking for the GFGI equipment listed in paragraph 3.19.2.G.

c) Provide an access vestibule at the SCIF entrance, and provide a Security Office within the SCIF with necessary provision for visitor announcement / identification.

d) Provide sound insulation in accordance with paragraph 3.5.H. ~~<C2F_SCIF>~~

6) ~~<C2F_DRU_OTHER>Not Used~~~~<C2F_DRU_OTHER>~~~~<C2F_DRU_OTHER_NOT>~~**C2F Senior Leader Planning Room (War Room) (SZ 3)**. A secure Senior Leader Planning Room, as depicted on the drawings included with this RFP, shall be located within the Operations Center and have the ability to view the main OC area, but shall be isolated visually (one way windows) and acoustically from the remainder of the OC. Security Classification shall meet OPEN STORAGE up to TOP SECRET. Space shall be provided for a minimum of 12 General Officers or equivalent with full secure and non-secure connectivity. Acoustic separation from activities conducted elsewhere in Security Zone 3 shall be provided. The Senior Leader Planning room shall be equipped for secure and non-secure video teleconferencing capability (VTC), data, voice, and LAN (NIPR/SIPR) connectivity and be constructed to meet requirements for TOP SECRET classification in accordance with Section III, subparagraph 7-13 (b) of AR 380-5 with electronic access control at each entrance. The Senior Leader Planning Room shall be constructed to include all necessary infrastructure and blocking for the GFGI equipment

listed in paragraph 3.19.2.C. Provide sound insulation in accordance with paragraph 3.5.H.

<C2F_DRU_OTHER_NOT>

7) **Conference Rooms (SZ 1, 2 and 4):** Even though they are individually assigned to staff sections in the program, multi-purpose conference space shall be grouped for shared use. Except for the Command Conference Room and Executive Conference Rooms, multi-purpose conference space allocations shall be grouped into centrally located areas on each floor. Multi-purpose conference space shall be provided in all security zones. All conference spaces in SZ 1, 2, and 4 shall be equipped for secure and non-secure video teleconferencing capability (VTC), data, voice, and LAN (NIPR/SIPR) connectivity and shall be constructed in accordance with Section III, subparagraph 7-13 (b) of AR 380-5. All conference rooms shall be constructed to include all necessary infrastructure and blocking for the GFGI equipment listed in paragraph 3.19.2.A. Provide sound insulation in accordance with paragraph 3.5.H.

a) The Executive Conference Room located in the Command Suite (SZ 1) shall be constructed to <C2F_ACOM>TOP SECRET <C2F_ACOM><C2F_ACOM_NOT>SECRET <C2F_ACOM_NOT> requirements and shall be equipped for secure and non-secure VTC, data, voice, and LAN (NIPR/SIPR) connectivity capability and constructed in accordance with Section III, subparagraph 7-13 (b) of AR 380-5. Construction shall include all necessary infrastructure and blocking for the GFGI equipment listed in paragraph 3.19.2.A. Provide sound insulation in accordance with paragraph 3.5.H.

8) **Conference Rooms (SZ 3):**

a) <C2F_SCIF_NOT>Not Used <C2F_SCIF_NOT><C2F_SCIF>SCIF Conference Room shall be in the SCIF but physically separated from the main SCIF area, and, due to the possibility of amplified audio, shall meet Sound Group 4 performance criteria - STC 50 or better. The room shall be equipped for secure and non-secure VTC, data, voice, and LAN (NIPR/SIPR) connectivity and constructed in accordance with ICS 705-1. Provide all necessary infrastructure and blocking for the GFGI equipment listed in paragraph 3.19.2.A. Provide sound insulation in accordance with paragraph 3.5.H. <C2F_SCIF>

b) «C2F_PLANNING_ROOMS» Operations Center Planning Rooms within the OC, <C2F_DRU_OTHER_NOT>including the Situational Awareness Room (SAR), <C2F_DRU_OTHER_NOT> shall be located as depicted on the drawings included with this RFP, and shall have the ability to view the main OC area, but also to be isolated visually (one way windows) and audibly from the OC. The rooms provide work space cleared for open storage of classified material and are used for classified meetings. These rooms shall be equipped for secure and non-secure video-teleconferencing (VTC) equipment, data, voice, and LAN (NIPR/SIPR) connectivity capability and constructed in accordance with Section III, subparagraph 7-13 (b) of AR 380-5 with electronic access control at each entrance. Construct all OC Planning Rooms to include all necessary infrastructure and blocking for the GFGI equipment listed in paragraph 3.19.2.B. Provide sound insulation in accordance with paragraph 3.5.H.

9) <C2F_SCIF_NOT>Not Used. <C2F_SCIF_NOT><C2F_SCIF>**SCIF Offices / Open Offices (SZ 3):** Offices, as depicted on the drawings included with this RFP, shall be in the SCIF but physically separated from the main SCIF area. These rooms shall be equipped for secure and non-secure data, voice, and LAN (NIPR/SIPR/JWICS) connectivity capability and constructed in accordance ICS 705-1 and shall have electronic access control at each entrance. Construct offices to include all necessary infrastructure and blocking for the GFGI equipment listed in paragraph 3.19.2.B. Provide sound insulation in accordance with paragraph 3.5.H. <C2F_SCIF>

10) **General Purpose, Multi-Functional Team Rooms (SZ 1, SZ 2):** Team Rooms shall be equipped for non-secure data, voice, and LAN connectivity capability. Provide sound insulation in accordance with paragraph 3.5.H.

11) **General Purpose Storage Room (All SZ):** Storage space shall be provided for storage of equipment and / or transit cases for tactical computers and peripherals. Distribute storage space in all security zones as depicted on the drawings included with this RFP.

12) <C2F_DRU_OTHER>Not Used <C2F_DRU_OTHER><C2F_DRU_OTHER_NOT>**C2F Command Briefing Room: (SZ 2)** (See 'other functional admin areas' on the facility program): Provide a Command Briefing Room near the entryway. The room is used for operations briefings and other large meetings for staff, visitors, and other personnel in conjunction with operations, planning and exercises. It is also used for combined staff activities and for briefing groups requiring controlled building access; or for dissemination of unclassified or filtered information (i.e., press release). The space should be located such that it can be secured by procedural modifications over short periods of time. The briefing room shall have a raised platform area for presenters and a

level floor in seating areas. The Command Briefing Room shall be equipped for secure and non-secure data, voice, and LAN (NIPR/SIPR) connectivity capability and constructed in accordance with ICS 705-1 Temporary Secure Working Area (TSWA) and Section III, subparagraph 7-13 (b) of AR 380-5 to meet requirements for SECRET classification. Construct the Command Briefing Room to include all necessary infrastructure and blocking for the GFGI equipment listed in paragraph 3.19.2.F. Provide sound insulation in accordance with paragraph 3.5.H. <C2F_DRU_OTHER_NOT>

13) <C2F_DRU_OTHER_NOT>**Not Used**<C2F_DRU_OTHER_NOT><C2F_DRU_OTHER>**HQ Briefing Room: (SZ 1)** (See 'other functional admin areas' on the facility program): Provide a HQ Briefing Room near the entryway. The room is used for operations briefings and other large meetings for staff, visitors, and other personnel in conjunction with operations, planning and exercises. It is also used for combined staff activities and for briefing groups requiring controlled building access; or for dissemination of unclassified or filtered information (i.e., press release). The space should be located such that it can be secured by procedural modifications over short periods of time. The HQ Briefing Room shall be equipped for secure and non-secure data, voice, and LAN (NIPR/SIPR) connectivity capability. Construct the HQ Briefing Room to include all necessary infrastructure and blocking for the GFGI equipment listed in paragraph 3.19.2.F. Provide sound insulation in accordance with paragraph 3.5.H.<C2F_DRU_OTHER>

14) **Provide Audio Visual (A/V) Control Rooms** <C2F_LAYOUT_INCLUDED>as shown on layouts<C2F_LAYOUT_INCLUDED>. Size and height of rooms are based upon the specific equipment required and number of operators. This space shall have a one-way window for operator observation. The A/V Control room shall be sized to support the A/V equipment for lighting, audio and VTC presentations as well as the AV operator control equipment. <C2F_DRU_OTHER_NOT>Refer to the "Information Systems Facility Design Criteria (FDC)" manual developed by USAISEC for additional information. <C2F_DRU_OTHER_NOT> This space shall be acoustically isolated from all adjacent areas in accordance with paragraph 3.5.H.

15) **Office and Administrative Areas:** The design of the administrative space shall emphasize open floor plans (predicated on the use of systems furniture) and minimize permanent private office space. A similar preference for flexibility exists for private offices within the staff sections, with the exception of the command section offices. The command section offices shall be constructed to provide privacy and sound control in accordance with paragraph 3.5.H. The intent for the command section offices is to provide a more permanent type of construction, but still to minimize load-bearing walls so as to accommodate future reconfiguration.

16) **Conference Rooms.** All boundaries between security zones and all conference rooms shall be constructed in accordance with AR 380-5 and meet physical security boundary requirements.

17) **Command Suite.** The Command Suite is a dedicated Work Area with special purpose space (e.g., executive conference room, private latrine and shower for CDR, DCDR, and CSM, reception area, limited service kitchen<C2F_ACOM>, and visiting GO private office with dedicated GO workstation<C2F_ACOM>. The kitchen located in the Command Suite is intended to serve as a service area for organizing and presenting food and beverages for distinguished visitors, ceremonies, or command gatherings. It is not intended to provide the capability to prepare or cook food. As such, it is limited to refrigerators, microwaves, counter space, cabinetry storage and coffee service.

18) **Printer / Copier Stations:** This is dedicated floor space within an open office space or work area for copiers, printers, plotters, faxes or other printing/reproduction equipment with waste and paper recycling receptacles and supply cabinet for paper storage in each staff section. Printing and reproduction is limited to non-secure data.

19) **Distribution Room / Message Center.** Construct the Distribution Room / Message Center to provide adequate security for mail storage and distribution. Structural requirements are as follows: Provide doors with suitable locks and door hinges. Lock shall be a key-operated, mortised, or rim-mounted lock; have a dead bolt throw of one inch; be of double cylinder design; have five pin tumbler cylinders; with two of mushroom or spool-type drive pin design; have 10,000 key changes; have no master key and contain hardened saw resistant steel inserts if the bolt is visible when locked. The strike shall be made of steel. A high security padlock and hasp may be used in lieu of above. Mount the hinges inside to prevent their removal from the outside. Door hinges mounted on the outside shall have non-removable or spot welded pins. Access doors shall be of sheet metal material not less than 16 gauge in thickness, or a solid wooden door covered on the outside with a steel plate not less than 12 gauge in thickness. Ground level windows shall have bars. Cover above ground level windows with wire mesh security screen. Walls and ceilings shall be constructed of material to prevent forcible entry. Minimum requirements shall be to provide expanded steel fabric behind gypsum board walls and ceiling. Provide provisions for ICIDS (Internal Commercial Intrusion Detection System) in facilities that are not operational on a

24-hour basis. AT/FP requirements for Mail Rooms as specified in UFC 4-010-01 are not applicable for the Distribution Room / Message Center.

20) ~~<C2F_DT_CBT_NOT>Not Used</C2F_DT_CBT_NOT><C2F_DT_CBT>~~**Distributed / Computer-Based Training Room (DT / CBT Room):** Provide a dedicated, computer-enabled, digital-training room with a maximum of two (2) six (6)-person stations. Equip with Classroom XXI technology for Soldier skills or small group training using computer terminal linkage with training and knowledge centers across the Global Information Grid (GIG). DT / CBT Room shall not exceed 572 NSF. ~~</C2F_DT_CBT>~~

21) **File Storage Area:** Provide a file storage area for each open office area. ~~<C2F_SCIF>~~Provide one (1) file storage area for the SCIF. ~~</C2F_SCIF>~~

22) **Telecommunications Space.** See paragraph 3.9.B.

23) **Lactation Room.** Provide a space within the facility that can serve as a lactation room. This room shall include a lockable door; counter top with base cabinet storage, a sink, electrical outlets, voice and network connections. Provide 'IN USE' status notification mechanism. When there are no nursing mothers on staff, the room may be used as a break room. (See concept drawing in Attachment F.)

24) ~~<C2F_INSTALLATION_NOT>Omitted</C2F_INSTALLATION_NOT><C2F_INSTALLATION>~~**Food Concession:** Provide a roughed out area for food services. Seating accommodations predicated on concessionaire agreements or contracts, with NO Government furnished furniture. ~~</C2F_INSTALLATION>~~

25) ~~<C2F_INSTALLATION_NOT>Omitted</C2F_INSTALLATION_NOT><C2F_INSTALLATION>~~**Health Room:** Provide a health room with NMT three (3) GP Workstations and a separate GP Storage Room dedicated to medical supplies and equipment storage with lockable door. ~~</C2F_INSTALLATION>~~

26) ~~<C2F_INSTALLATION_NOT>Omitted</C2F_INSTALLATION_NOT><C2F_INSTALLATION>~~**Prayer Room:** Provide a prayer room (non-denominational). ~~</C2F_INSTALLATION>~~

D. COMMON AREAS:

1) **Break Rooms (SZ 1, 2):** Break Rooms shall be consolidated on each floor for efficiency and shall be accessible from Security Zone 1. Provide contractor furnished, contractor installed minimum 20 LF base and wall cabinets, sink, recessed space for a minimum of two (2) vending machines and a refrigerator (vending machines and refrigerator are not in contract). Provide plumbing for one of the vending machines, which will dispense brewed hot drinks. Provide one 4'-0" x 6'-0" wall-mounted bulletin board per Break Room. One (1) Break Room shall be located in close proximity to the ~~<C2F_DRU_OTHER_NOT>Command</C2F_DRU_OTHER_NOT><C2F_DRU_OTHER>~~HQ ~~</C2F_DRU_OTHER>~~ Briefing Room.

2) **Break Rooms (adjacent to SZ 3):** Locate one (1) Break Room immediately adjacent to the SZ 3 work area. Provide contractor furnished, contractor-installed, minimum 20 LF base and wall cabinets, sink, and a refrigerator (refrigerator is not in contract). Provide one 4'-0" x 6'-0" wall-mounted bulletin board in the Break Room.

3) **Restrooms, Shower Rooms, and Lockers (SZ 1 and 2):** Provide restrooms on each floor. Quantity of water closets, urinals and lavatories will be based on a «C2F_MALE_PERCENT» male to «C2F_FEMALE_PERCENT» female ratio. Provide ten showers for every 250 persons to a maximum of 25 showers. In addition, provide a single shower in each of the Command Group private restrooms (Commander, Command Sergeant Major, and Deputy Commanders). Due to providing custodial staff clearance to Security Zone 3, restrooms are not authorized within these areas and shall be provided outside of, but in close proximity to, the SZ 3 perimeter. Provide three (3) lockers per shower in all areas. Minimum locker size shall be 12" (w) x 18" (d) x 36" (h).

4) **Miscellaneous Spaces:** Mechanical, server rooms, electrical and telecommunications rooms shall be provided as needed. Mechanical, electrical and telecommunications rooms shall be keyed separately for access by Installation maintenance personnel. Exterior access shall be provided for mechanical and electrical rooms located on the first floor.

5) **Vestibule:** See paragraph 3.2.1.C.1) Main Lobby and paragraph 3.2.1.C.5) SCIF.

6) **Corridors:** The minimum corridor width shall be in accordance with the applicable criteria.

7) **Stairs:** The minimum stair width shall be in accordance with the applicable criteria. Stair construction shall be in accordance with the applicable criteria.

Comment [sdn13]: Note to RFP preparer: Provide the following only at a C2F or Army HQ not located on a military installation.

Comment [sdn14]: Note to RFP preparer: Provide the following only at a C2F or Army HQ not located on a military installation.

Comment [sdn15]: Note to RFP preparer: Provide the following only at a C2F or Army HQ not located on a military installation.

Comment [sdn16]: Note to RFP preparer: Male to Female ratios shall be filled in prior to issuing RFP. Each Command will need to provide the actual ratio of male to female employees in their Headquarters Facility

8) **Janitor's Closet:** Provide, as a minimum, a janitor closet on each floor with a mop sink, mop rack and space for buckets, vacuum and storage for janitorial supplies. Preferred location is near restrooms.

9) **Mechanical, Electrical, and Telecommunications Rooms:** Provide Telecommunications Rooms for voice and data. Provide a minimum of one room on each floor, located as near the center of the building as practicable, and stacked between floors.

10) **Vending:** Locate a vending area <C2F_VEND_LOBBY> near the lobby on each floor <C2F_VEND_LOBBY><C2F_VEND_BREAK> in each break room <C2F_VEND_BREAK><C2F_VEND_DRAWINGS> as indicated <C2F_VEND_DRAWINGS>

Comment [sdn17]: WHERE IS THE VENDING TO BE LOCATED?

11) **Recyclables Storage:** Provide recyclables storage room(s) per sustainable design requirements.

E. **SPACE ALLOCATION TABLES:**

1) Attachment A provides the allocation table for administrative / workstation space, special space and special use space.

3.3. **SITE FUNCTIONAL REQUIREMENTS**

A. **SITE DESIGN:** The following site requirements are applicable to a <C2F_DIV> Division <C2F_DIV><C2F_CORPS> Corps <C2F_CORPS><C2F_NUMA> Numbered Army (#A) <C2F_NUMA><C2F_DRU> Direct Reporting Unit (DRU) <C2F_DRU><C2F_ACOM> Army Command (ACOM) <C2F_ACOM><C2F_OTHER> «C2F_OTHER_TYPE» <C2F_OTHER> HQ.

B. **OVERALL SITE ORGANIZATION:** The overall site features shall include parking for privately owned and organizational vehicles, <C2F_ANTENNA> an access controlled fenced, enclosed antenna farm, <C2F_ANTENNA> <C2F_HELI> a helipad, <C2F_HELI><C2F_LOAD> loading and service areas, <C2F_LOAD><C2F_DEPLOYED> an access controlled Tactical SCI Vehicle Area (TSVA) for Tactical Vehicle parking, <C2F_DEPLOYED> and an area near the rear entrance to the <C2F_NOC>NOC/<C2F_NOC>OC<C2F_SCIF>/SCIF<C2F_SCIF> area for storing transit cases for equipment. <C2F_DRU_OTHER_NOT> This area also includes a securable enclosed space for staging equipment for loading and holding equipment when it is offloaded from tactical vehicles. <C2F_DRU_OTHER_NOT>

C. **DRIVE/ENTRANCE:** A ceremonial drive and entrance area shall be provided on the community side (front door) of the facility. The ceremonial approach driveway shall provide a means for visitors and VIPs to be dropped off near the main entrance. The driveway shall be provided with a means of controlling access (e.g., mechanical gates with access control system) in accordance with anti-terrorism and force protection requirements.

D. **PARKING:** All parking areas shall be located in accordance with anti-terrorism and force protection requirements.

1) **Privately Owned Vehicle (POV), Very Important People (VIP) and Visitor Parking:** The required number of spaces including POV, VIP and Visitor Parking shall be equal to 90% of the total number of personnel working in the facility. All parking areas shall be located within a quarter mile radius of the facility. «C2F_VIP» spaces shall be provided for visitor and VIP parking. Provide NMT «C2F_GOV» spaces for Government vehicles. Parking for Visitors / VIP / POVs shall be provided on the community side of the facility. The VIP parking shall be provided along the entrance driveway and/or the area in closest proximity to the facility.

Comment [sdn18]: Note to RFP preparer: 15 VIP parking spaces is minimum required per the Army Standard, Additional VIP spaces can be provided, but they must come out of the overall total.

2) <C2F_DRU_OTHER>Not Used<C2F_DRU_OTHER><C2F_DRU_OTHER_NOT> **Parking Area for non SCIF Ready tactical vehicles:** A parking area for «C2F_NUMBER_HMMWV_TRAILERS» HMMWV's with Trailers (High Mobility Multi-purpose Wheeled Vehicles) and «C2F_GO» General Officer non-tactical vehicles shall be provided. This area shall be adjacent and in close proximity to the Tactical SCIF Operations Area (TSVA) <C2F_DRU_OTHER_NOT>.

3) <C2F_DEPLOYED_NOT>Not Used<C2F_DEPLOYED_NOT><C2F_DEPLOYED> **Tactical SCIF Vehicle Area (TSVA) (SZ 3):** A secure parking area to accommodate «C2F_NUMBER_HMMWV» HMMWV's with trailers, MRAP (Mine-Resistant Ambush-Protected) vehicles, or other large tactical vehicles, as utilized by the unit, in addition to space for «C2F_NUMBER_SHELTER» shelters shall be located in the secure area and immediately adjacent to the interior SCIF. Size the gate width, approach/turning radii and parking spaces for

Comment [sdn19]: Note to RFP preparer: Tactical SCI Vehicle Area for all Deployable Units

MRAP vehicles. Furthermore, this area shall be located to have an unobstructed exposure to the southwestern sky for direct satellite communication and shall also be provided with the following features:

- a) A perimeter fence consisting of 6-foot high chain link fabric topped by a single outrigger with three-strand barbed wire anti-climber, non-sensored, designed in accordance with STD 872-90-03, FE-6 chain link security fence details. Provide organizational vehicle and personnel gates in accordance with paragraph 3.3.E. Loading and Service Area.
- b) Rigid concrete pavement designed to support HMMWV's or other large tactical vehicles, as utilized by the unit, with trailers. The quantity of pavement shall be sufficient to accommodate both the number of vehicles identified at 3.3.1.C.3) above as well as the required vehicles turning radius.
- c) A 10-foot wide zone clear of trees and shrubs is required on each side of the fence. The clear zone should require minimal maintenance, and the area 5 feet each side of the fence should be provided with gravel and treated to discourage vegetation growth.
- d) Refer to paragraphs 3.9.A.1) & 3.10.A.3) for data and power connections.
- e) Provide 6-inch high concrete wheel stops for each parking stall 6 feet from the exterior wall of the C2F to prevent damage to the building by vehicle impact.
- f) Provide access control and intrusion detection system (IDS) security infrastructure as required by paragraph 3.9.G. Provide intercom between gate and Security Specialist Office (SSO) Office.
- g) No aboveground transformers, generators, or mechanical equipment shall be located in this area.

<C2F_DEPLOYED>

E. **LOADING DOCK AND SERVICE AREA:** Provide the loading dock and service areas to facilitate preparation for deployment, for receiving bulk shipment of supplies and material, and for service of installed equipment when necessary. Control access to these areas by a mechanically operated vehicle gate with an electronic card reader. One loading area shall be located in the back of the building, in a fenced area, immediately adjacent to the NOC function. Separate this area from the remainder of the building, especially for food service and waste. During times of higher security, all package and other deliveries funnel through this space.

3.4. SITE AND LANDSCAPE REQUIREMENTS

A. ~~<C2F_ANTENNA_NOT>~~NOT USED. ~~<C2F_ANTENNA_NOT>~~~~<C2F_ANTENNA>~~ANTENNA FARM: A secure space shall be provided for an antenna farm, which shall be sited in compliance with Communication Electronics – Life Cycle Management Command (CE-LCMC) alignment requirements. The antenna farm shall be provided with the following features:

- 1) A minimum 2,500, up to a maximum 10,000 square foot, enclosed area directly adjacent to the building (actual size, location and arrangement shall be coordinated with the user).
- 2) An antenna platform shall be provided in this area to facilitate performance and connectivity pursuant to the user and site requirements.
- 3) Under no circumstances are antennas to be mounted on the building or its structure.
- 4) Provide a 6-foot high type FE-6 fence with vehicle and personnel gates. The area shall have drive-through capability and a personnel gate located on the side adjacent to the C2F.
- 5) The paved surface inside the enclosed area shall be constructed of a pervious material that supports sustainable design initiatives and allows vehicular traffic.
- 6) A pathway system for telecommunications connectivity and power through underground pathways sized for required connectivity of each antenna from the antenna farm to the appropriate SZ-3 area of the facility for power and telecommunications.
- 7) Provide lightning protection and grounding in accordance with paragraph 3.10.C.1).c)
- 8) Directional connectivity to the correct satellites shall be required and shall be provided by the user during the initial design phase. <C2F_ANTENNA>

Comment [sdn20]: Note to RFP preparer: Verify with user that an Antenna Farms is required.

B. **EXTERIOR FENCED AREAS:** All secured fenced areas shall be provided with both manually operated personnel gates and 25-foot wide organizational vehicle gates at entrances. Access to all gates in these areas shall be by electronic card readers (touch / keypad) and equipped with intrusion detection systems and monitored by GFGI Closed Circuit Television Cameras (CCTV). Personnel emergency egress is required for these areas. Entrance shall be designed and configured to allow accommodation for tactical vehicle and trailer inspection area prior to entry into the controlled security line without impeding authorized traffic ingress/egress.

C. **<C2F_HELIX>NOT USED</C2F_HELIX><C2F_HELIX>HELIPAD:** The limited-use helipad shall be positioned in keeping with local air traffic and safety considerations. The helipad shall be no less than 350' from the building, sized (150' x 150') and constructed in accordance with UFC 3-260-01, Chapter 4.4.
</C2F_HELIX>

Comment [sdn21]: Note to RFP preparer:
Choose This paragraph if project requires a
Helipad

D. **FUEL STORAGE TANK(S):** Fuel storage tank(s), where required, shall be located in close proximity to the standby generator(s) and sized to provide the required hours of continuous emergency operation without refueling. The fuel tank(s) and generator(s) shall be located in a secure area outside of the building with the generator(s) in a weatherproof enclosure.

E. **EXTERIOR LIGHTING:** Exterior area lighting systems shall be provided as described in paragraph 3.10.B.3) Exterior Lighting.

3.5. ARCHITECTURAL REQUIREMENTS

A. **GENERAL:** C2F and similar Army HQ will typically be very prominent facilities on an installation or other selected site. As such, the building architecture merits prominence and distinction in design as a higher echelon of Army headquarters. Select building materials accordingly, and ensure that they are durable and easily maintainable. Do not use exterior materials that require periodic repainting or similar refinishing processes. Material exposed to weather shall be factory pre-finished, integrally colored or provided with intrinsic weathering finish.

B. **OPENINGS:**

1) **Building Entrance:** Provide attractive entry features such as canopies and glass wall surfaces, ensuring compliance with Anti-Terrorism / Force Protection requirements.

2) **Windows:**

a) Provide insulated, high efficiency window systems, with thermally broken frames. Provide windows for natural lighting and in all office areas to the greatest extent possible while ensuring compliance with AT/FP and physical security requirements. Areas where classified material (both physical and electronic format) is handled, stored, processed, or discussed shall be limited to non-operable windows. This prohibition extends to locations with components for SIPRNET and to other devices processing classified data, which includes all C2F spaces, and includes most private offices and conference rooms in other HQ. When fixed windows are provided in rooms authorized for SIPRNET, the following potential problem areas must be addressed: Ensure TEMPEST is mitigated by using TEMPEST approved equipment and shielded or fiber optic cabling; provide window curtains and/or blinds, or application of a one-way film to the window glazing; and provide curtains that can be drawn across windows where audio from classified VTC sessions have the potential of being transmitted through window glazing.

b) Windows are not authorized in SZ 3 areas.

3) **Doors:**

a) **Storefronts (Main Entrance Doors):** Provide aluminum storefront doors and frames with anodized finish, fully glazed for entry into lobbies or corridors. Provide doors complete with frames, framing members, subframes, transoms, sidelights, trim, applied muntins, and accessories. Framing systems shall have thermal-break design.

b) **Exterior Insulated Hollow Metal Doors & Frames:** Provide insulated hollow metal exterior doors for entry to all spaces other than corridors, lobbies, or main entrance doors.

c) **Interior Metal Doors:** Provide metal doors at utility rooms, janitor closets, and stairwells.

- d) **Solid Core Wood Doors:** Provide flush solid core wood doors for all occupied rooms and spaces, including private offices/office areas, conference rooms, classrooms, storage rooms, break rooms, and restrooms.
- e) **Sound Attenuation:** All doors shall meet the sound insulation requirements specified in Paragraph 3.5.E. If not otherwise specified, the minimum door rating shall be STC 33.
- f) **Door Hardware:** All hardware shall conform to ANSI/BMHA standards for Grade 1.

C. **RAISED FLOOR SYSTEM:** Raised flooring, for cable management system shall be provided in the entire facility (including all telecommunication equipment rooms and telecommunications room) with the exception of the mechanical rooms, electrical rooms, restroom and shower areas and other utility type spaces. Raised flooring may also be used for underfloor HVAC distribution systems if life cycle cost analysis proves it to be cost effective.

D. **ELEVATORS:** Elevators shall be multiple stop 4500-pound service / hospital type, in accordance with ASME 17.1, Safety Code for Elevators and Escalators (latest edition). Elevators shall be provided with pads to protect the interior wall surfaces of the cab. A minimum ceiling height of 9 feet is required.

E. **SOUND INSULATION:** Due to the possibility of amplified audio, provide sound insulation for all classrooms and conference rooms, to include the Operations Center (OC), Planning Rooms, Briefing Room and Executive Conference Room, to meet a minimum rating at doors, walls, and floor / ceiling assemblies of STC 50 or better. In addition to meeting a minimum rating of STC 50 or better, SCIF Conference Rooms shall also meet Sound Group 4 performance criteria in accordance with ICS 705-1. Provide sound insulation to meet a minimum rating at doors, walls and floor/ceiling assemblies of STC 45 at all other Security Zone 3 areas, private offices, team rooms, A/V control rooms, and walls separating security zones. The sound insulation system shall be as defined by ASTM E413-04, Classification for Rating Sound Insulation. Compliance with STC requirements includes industry standard sound deterrence measures and sound flanking paths at HVAC ductwork and pipe penetrations, electrical boxes and similar systems. In addition to the above sound insulation requirements, all conference rooms and classrooms supporting video teleconferencing capabilities shall meet a Noise Criteria (NC) 30 rating in accordance with ASHRAE Fundamentals Handbook.

3.5.1. FINISHES AND INTERIOR SPECIALITIES – NOT USED

3.6. STRUCTURAL REQUIREMENTS

A. GENERAL

1) **<C2F_DRU_OTHER_NOT>**The C2F shall be designed as an "Essential Facility" in accordance with both ASCE-7 and IBC 2009 for wind, seismic, and snow design. **<C2F_DRU_OTHER_NOT><C2F_DRU_OTHER>**The Army HQ shall be designed as a(n) "«C2F_STRUCTURAL»" in accordance with both ASCE-7 and IBC 2009 for wind, seismic, and snow design. **<C2F_DRU_OTHER>**

B. DESIGN LOADS

- 1) **Live Loads.** Design live loads per the IBC.
- 2) **Raised Access Floor Loading.** The raised flooring system shall be designed to accommodate safe loadings of up to 1500 lbs.
- 3) **Progressive Collapse Avoidance.** Where a building is three stories or more in height, design shall conform to Unified Facilities Criteria UFC 4-023-03, Design of Buildings to Resist Progressive Collapse, 14 July 2009 Including Change 1, dated 27 January 2010.
- 4) **Modifications to Existing Structures.** Structural modifications may be required in the renovation of existing structures. The structural design shall fully comply with the applicable criteria.
- 5) **ATFP Requirements.** Antiterrorism / Force Protection measures shall comply with UFC 4-010-01.
- 6) **Foundations / Slabs-on-Grade.** The foundation is site specific and must be designed upon known geotechnical considerations. Design the foundations as recommended by the geotechnical investigation. Coordinate the need for a vapor barrier with the architectural floor finishes and requirements of the geotechnical report. Reinforce slabs-on-grade and provide a minimum thickness of five (5) inches. Design floor slab thickness and reinforcing for the loads associated with the function of the specific area considered, but not less than five (5) inches.

Comment [sdn22]: Note to RFP preparer: Typical Army HQ shall be designed as Occupancy Category II unless a higher classification is required by User.

- 7) **Construction Materials.** Construction materials shall be as required by applicable criteria.
- 8) **Design Analysis.** Computer generated calculations must identify the program name, source, and version. Provide input data, including loads, loading diagrams, node diagrams, and adequate documentation to illustrate the design. The schematic models used for input must show, as a minimum, nodes/joints, element/members, materials/properties, and all loadings, induced settlements/deflections, etc., and a list of load combinations. Results must include an output listing for maximum / minimum stresses / forces and deflections for each element and the reactions for each loading case and combination. All calculations shall be performed by a registered engineer and checked by an engineer other than the design engineer.
- 3.7. SEE PARAGRAPH 6.7 THERMAL PERFORMANCE – NOT USED
- 3.8. SEE PARAGRAPH 6.8 PLUMBING REQUIREMENTS – NOT USED
- 3.9. COMMUNICATIONS AND SECURITY SYSTEMS
- A. **GENERAL:** For both AV / IT / VTC / Phone and Electronic Security System (ESS), operation concept development must precede building design. Coordinate with USAISEC.
- B. **EXTERIOR COMMUNICATION SERVICES:**
- 1) **[Omitted] [Data Connections for TSVA.** Provide DIA/DAC-2A2 approved Protective Distribution System (PDS) from the permanent SCIF to the TSVA for each SCIF-ready vehicle. Weatherproof tactical interface boxes (TIB) are required for each vehicle and shall be designed and provided to prevent damage from the vehicles. A TIB shall be provided for secure vehicle system connections, non-secure NIPRnet, Telephone, and IDS. Connectors for all systems shall be included in the TIBs that match the current Tactical Vehicle connections. The TIBs shall be connected into the underground pathway system that provides access to the building SCIF. Connection to all data networks (including NIPRNET, SIPRNET, NSANET/TDN-2, and/or any other network required) shall be established through single mode fiber optic cabling unless otherwise specified. Pathways terminating in the SCIF shall terminate in the SCIF server rooms. Connection requirements shall be coordinated with the User.]
- 2) Outside plant connectivity shall be designed and allocated in accordance with U. S. Army Information Systems Engineering Command (USAISEC), guidance consistent with the Army Installation Information Infrastructure I3A Criteria. HQ facilities shall be connected to a minimum of two distribution nodes with single mode fiber optic cabling, and shall be considered as an Area Distribution Node (ADN) for engineering purposes. The HQ shall be connected to the two distribution nodes by physically diverse paths. The fiber optic cabling shall be sized to support the common user systems and C2 critical systems. Minimum cabling size shall be 48 strands of single mode fiber to each distribution node for the common user systems, and 48 strands single mode fiber to each distribution node for the C2 critical systems.
- 3) The criteria in the FDC will govern where conflicts occur between the information contained herein and the information contained in the FDC.
- C. **INTERIOR TELECOMMUNICATIONS:** Refer to the "Information Systems Facility Design Criteria (FDC)" developed by USAISEC for additional information concerning telecommunications design. The criteria in the FDC will govern where conflicts occur between the information contained herein and the information contained in the FDC.
- 1) **Telecommunications Space.** Telecommunications infrastructure and cabling shall be designed and allocated in accordance with U. S. Army Information Systems Engineering Command (USAISEC), National Security Agency (NSA), and Defense Information Systems Agency (DISA) guidance consistent with TIA/EIA-569-B and the Information Infrastructure Architecture (I3A) Technical Criteria. The approximate size for all telecommunications spaces within a facility shall be 2 to 4 percent of the net building area. The exact percentage of space allocated for telecommunications will be based upon the Information Systems Facility Design Criteria (FDC) developed by USAISEC for the specific facility. Examples of telecommunications spaces within an HQ are shown below. Multiple quantities of each type of room may be required and/or some room types may be combined based on the operational and security requirements of the building tenant. All telecommunications spaces within the HQ shall only be accessed from inside the building. No exterior access shall be provided.
- a) **Entrance (Communications) Room (ER).** A space in which the joining of inter or intra building telecommunications backbone facilities takes place. An entrance room may also serve as an equipment room.

The Entrance Room (also known as the Communications Room) shall be the main telecommunications entry point (service entry) for the facility. The ER will accommodate the equipment (e.g., data and voice switches, patch panels, etc.) used to transport, transition, and terminate all telecommunication services from the Network Enterprise Center (NEC), other local networks, and circuits. These rooms shall have the following requirements.

- (1) UPS power shall be provided for all active telecommunications equipment.
- (2) Generator back up power shall be provided in all Entrance Rooms for all active telecommunications equipment.
- (3) All ERs shall be conditioned space and shall have individual temperature and humidity controls.
- (4) A double door (72 in wide x 90 in high) without doorsill and center post is required to facilitate movement of large equipment into and out of the room.
- (5) All ERs shall have anti-static floor throughout.

b) **Telecommunications Equipment Rooms (TER).** The TER is an environmentally controlled centralized space for telecommunication equipment that usually houses a main or intermediate cross-connect. The TER also houses equipment such as data switches, servers, and radios and typically connects the ER to the Telecommunications Rooms. A separate TER shall be provided for TS/SCI equipment within the SCIF for JWICS and special mission networks as required. Each TER shall have an equipment area, operations area, and maintenance/staging area. These rooms shall have the following requirements.

- (1) UPS power shall be provided for all active telecommunications equipment.
- (2) Generator back up power shall be provided in all Telecommunications Equipment Rooms for all active telecommunications equipment.
- (3) All TERs shall be conditioned space and shall have individual temperature and humidity controls.
- (4) A double door (72 in wide x 90 in high) without doorsill and center post is required to facilitate movement of large equipment into and out of the room.
- (5) All TERs shall have anti-static floor throughout.

c) **Audio/Visual (A/V) Control Rooms.** Each A/V control room shall contain an operations area and an equipment area. The operations area will contain the A/V control system workstations. The equipment area will contain all the centralized A/V equipment required to interface with and control all briefing and conference rooms. The operations area shall be acoustically isolated, to the greatest extent possible, from the A/V equipment area as well as any other adjacent operational areas. There shall be at least two A/V control rooms per HQ (one for TS/SCI and one for all other classification levels). See paragraph 3.9.F Audio/Visual Systems for more information. These rooms shall have the following requirements.

- (1) UPS power shall be provided for all active telecommunications equipment.
- (2) Generator back up power shall be provided in all A/V Control Rooms for all active telecommunications equipment.
- (3) All A/V Control Rooms shall be conditioned space and shall have individual temperature and humidity controls.
- (4) All A/V Control Rooms shall have anti-static floor throughout.

d) **Telecommunications Rooms (TR).** TRs are used for the termination of horizontal cables to the user work areas and termination of cables and equipment to the backbone wiring systems within the building. There may be multiple types of TRs depending on the access area and associated classification level (e.g., one type containing Secret and below, one type containing TS/SCI and below to service the SCIF, etc.). TRs that house equipment of multiple classification levels will require more square footage than single classification TRs since they must be sized to meet RED/BLACK separation requirements. There shall be at least one TR of each required type per floor and TRs shall be vertically stacked to facilitate vertical backbone cable distribution throughout the C2F. More than one TR per floor is required if the total copper cable length to a work area exceeds 90 meters. These rooms shall have the following requirements.

- (1) UPS power shall be provided for all active equipment.
- (2) Generator back up power shall be provided in all A/V Control Rooms for all active telecommunications equipment.

(3) All TRs shall be conditioned space and shall have individual temperature and humidity controls.

(4) All TRs shall have anti-static floor throughout.

2) **Telecommunications Pathways.**

a) Provide cable tray pathways throughout the facility to support the systems required for the construction of the facility as well as for the user's computer networks, A/V systems, telecommunication systems and other specialized electronic systems. All telecommunications pathways shall be designed, furnished, and installed in accordance with (IAW) U. S. Army Information Systems Engineering Command (USAISEC), National Security Agency (NSA), and Defense Information Systems Agency (DISA) guidance consistent with TIA/EIA-569-B and the Information Infrastructure Architecture (I3A) Technical Criteria and shall meet the separation requirements of NSTISSAM, TEMPEST/2-95A, MIL-HDBK-232A, ICS 705-1, and JAFAN 6/9 as applicable. A separate cable tray system for each security level is recommended – unclassified (BLACK), SECRET/Top Secret (RED), and TS/SCI (YELLOW). Use of the BLACK cable tray system for any non-C4I/IT systems (e.g., access control, alarms, etc.) shall be coordinated with USAISEC. RED or YELLOW cable tray systems shall not be used for any non-C4I/IT systems. Some C4I/IT systems (e.g., DRSN, NSTS) may require a separate, dedicated pathway.

b) A Protected Distribution System (PDS) is required if any cabling that carries classified data traverses an area with a lower classification (e.g., SECRET or higher classification data traversing an unclassified area, or SCI data traversing a SECRET or an unclassified area). The PDS shall be designed and built to meet requirements of NSTISSI 7003. The word "shall" shall be substituted for the word "should" or "will" in the referenced publication NSTISSI 7003. Specifications Section 27 05 28.39, Surface Raceways for Communications Systems shall be incorporated into this project. (This section can be obtained at the following URL: ftp://ftp.usace.army.mil/pub/sas/Surface_Raceways/). Surface mounted raceway shall be used instead of the surface mounted conduit unless otherwise directed by the local NEC or Physical Security Officer. All PDS and classified cable pathway systems shall be approved by the Designated Approving Authority (DAA) and the Certification Authority (CA).

3) **Telecommunication Cabling.** All telecommunications cabling shall be designed, furnished, and installed in accordance with (IAW) U. S. Army Information Systems Engineering Command (USAISEC), National Security Agency (NSA), and Defense Information Systems Agency (DISA) guidance consistent with TIA/EIA-569-B and the Information Infrastructure Architecture (I3A) Technical Criteria, labeled IAW TIA/EIA 606-A, and shall meet the separation requirements of NSTISSAM, TEMPEST/2-95A, MIL-HDBK-232A, with ICS 705-1 and JAFAN 6/9 as applicable. Cable connectors and jacket colors shall be site specific. The number and type of connectors shall be defined by the User. Connectors shall be keyed based on network configuration or classification.

a) **Backbone (Vertical) Cabling.** All backbone cabling (i.e., cabling between the ER and TER and between the TER and TRs) shall be terminated at both ends between each room. Data backbone cabling shall be fiber and voice backbone cabling shall be Category 6 (or latest I3A Criteria specified category). Site-specific security requirements may dictate that all cabling between the TER and SCIF or TRs and SCIF be fiber optic.

b) **Horizontal Cabling.** Cabling from outlets will terminate in the Telecommunication Rooms (TRs). Consolidation points shall be utilized in major areas of the facility between the TRs and the outlets to facilitate flexibility. All horizontal cables shall be terminated in the serving telecommunication room. Telecommunications cabling shall be copper (Category 6 or latest I3A Criteria specified category) for all voice connections. Data cabling will be a User specified combination of copper and/or fiber. Unclassified copper cabling shall be Unshielded Twisted Pair (UTP) and classified copper cabling shall be Shielded Twisted Pair (STP). Shielded cabling shall be used for all non-classified and classified cables in the SCIF.

4) **Telecommunications Outlets.** Telecommunications outlets shall be provided throughout the facility per user requirements. Exact location and quantity of outlets will be determined during the design phase. The following minimum outlet configurations shall be provided for each workstation and each 80 square feet of other floor area with the exception of mechanical rooms, electrical rooms, storage rooms, TRs, corridors, etc.: for non-SCIF areas provide one unclassified telephone/data outlet containing one voice and two data jacks and one Secret/TS outlet containing two data jacks; for SCIF areas provide one unclassified telephone/data outlet containing one voice and two data jacks, one Secret/TS outlet containing two data jacks, and one TS/SCI outlet containing two data jacks. Outlets shall be a user specified combination of Cat 6 rated RJ-45 connectors and/or multi-mode fiber connectors as specified in the FDC. Mechanical rooms, electrical rooms, storage rooms, TRs, etc. shall receive one wall-mounted unclassified outlet per room containing one voice (Cat 6 UTP) jack. A minimum of six (6) additional wall mounted outlets (location TBD) per 10,000 square feet shall be provided for courtesy and convenience requirements. Each workstation in the SCIF, OC, and NOC shall have three computers. The STO facility shall have four computers.

D. SATELLITE / CABLE TV (CATV).

1) For additional information concerning Satellite/CATV design, refer to the "Information Systems Facility Design Criteria (FDC)" developed by USAISEC. The criteria in the FDC will govern where conflicts occur between the information contained herein and the information contained in the FDC.

2) Satellite/ (CATV) shall be provided in the Command Suite, all staff principal offices, PAO and CMO areas, all conference rooms (minimum two outlets), multi-purpose rooms, and in each of the open office areas. Additionally, (CATV) shall be provided in the Senior Leader Planning Room (War Room), Briefing Room, OC, NOC, and SCIF. The system shall consist of cabling, pathways, and outlets. All building systems shall conform to applicable criteria to include I3A Technical Criteria and the UFC 3-580-01 Telecommunications Bldg Cabling Systems Planning/Design. Satellite/HDTV cables that enter or leave an open storage area, (SCIF) require isolation (SM Fiber) to prevent EMI bleed across copper.

E. AUDIO/VISUAL SYSTEMS

1) For additional information concerning audio-visual system design, refer to the "Information Systems Facility Design Criteria (FDC)" developed by USAISEC.

2) Video teleconferencing (VTC).

a) Provisions for secure and non-secure VTC shall be provided in the Briefing Room and all conference rooms. Provisions generally consist of a power connection and two RJ45 SIPRNET outlets.

b) Provide all necessary power, telecommunications, and HVAC equipment to support the secure (TS/SCI) video teleconference equipment found in the Joint Worldwide Intelligence Communications System (JWICS) assigned to the C2F located within the SCIF.

F. GFGI - A/V EQUIPMENT. Provisions (consisting of a power receptacle and conduit for signal wiring) for GFGI A/V Equipment shall be provided in each conference room and training room.

1) Paging systems. A zoned paging system shall be provided throughout the facility and integrated with the telephone system.

G. SECURITY INFRASTRUCTURE (SECURITY EQUIPMENT NIC). The security infrastructure shall be installed to support Government-furnished equipment including proximity card readers, duress switches, motion detectors, contact switches, and CCTV cameras.

1) Intrusion Detection and Security Systems. Provisions for user-provided Integrated ICIDS intrusion detection and security systems are required for all exterior building entrances, all interior entrances to secure areas, secure conference rooms, secure communications rooms, server rooms, secure AV rooms, briefing room, and all other secure and restricted areas of the building, including the SIPRNet room, and the site, as indicated in paragraph 3.3.1.C.3.f). The C2F headquarters OC, NOC, SCIF and STO facility shall also have provisions. Provisions shall include rooms/cabinets, power circuits, communications connections, and raceways and signal wiring for user installed devices. System requirements shall be coordinated with the Installation Security Office.

2) TEMPEST Requirements. TEMPEST Requirements shall be met on a per site basis dependent on the facility zone type and the equipment NSTISSAM level.

H. RAISED ACCESS FLOORING SIGNAL GROUNDS. All areas provided with raised access flooring shall have signal grounds provided in a grid pattern under all raised floor areas. The signal reference ground subsystem shall use a multi-point grounding topology in accordance with higher-frequency grounding and be in accordance with MIL-188-124B, MIL-HDBK-419A, and the latest version of IEEE 1100.

I. GROUNDING. The ground counterpoise shall be provided around the perimeter of the antenna farm and the building perimeter and shall be utilized for grounding incoming service, building steel, telephone service, piping, lightning protection, and internal grounding requirements. Ground straps shall be provided where required by function and will be connected to the building grounding system. Grounding points shall be provided under each raised access floor in accordance with paragraph 3.9(h). Additional grounding may be provided based on project requirements and in all areas where standby power is provided. Systems shall conform to MIL-HDBK – 419A, NFPA 70 National Electrical Code, local codes, and the US Army I3A Criteria. The earth electrode subsystem and the fault-protection ground subsystem shall be compliant with the latest versions of the NEC

(NFPA 70), MIL-188-124B, MIL-HDBK 419A, and IEEE 1100. The neutral-to-ground bonding scheme shall be in strict accordance with the NEC.

J. HARMONICS. Total voltage and current harmonic distortion shall comply with the FDC and IEEE Harmonic Standard 519-1992.

K. FIRE DETECTION AND ALARM

1) A fire alarm and detection system shall be provided for this facility. It shall comply with the requirements of UFC 3-600-01 and NFPA 72. The system shall be addressable, fully compatible with, and integrated with, the local installation wide central monitoring system.

2) Server rooms are the only areas of the facility that house MISSION CRITICAL electronic equipment installations as identified in section 6-8 of UFC 3-600-01, and are the only areas considered to be "information technology areas" as defined by NFPA 75. Server rooms are to be protected as information technology areas in accordance with NFPA 75, except as modified by UFC 3-600-01 and herein. Server rooms that utilize raised floor systems shall have smoke detectors installed in the space beneath the flooring panels in accordance with NFPA 75. Under-floor detectors shall be connected to the fire alarm system and shall be wired so as to immediately cut power to the electronic equipment in the protected room upon activation. Shutdown devices shall be supervised by the fire alarm control panel in accordance with NFPA 75.

3) All initiating devices shall be connected to signal line circuits (SLC) utilizing Class A Style 6 wiring. All alarm appliances shall be connected to notification appliance circuits (NAC) utilizing Class A wiring. A looped conduit system shall be provided so that if the conduit and all conductors within are severed at any point, all NAC and SLC shall remain functional.

4) Break-glass pull stations shall not be used.

5) Over-voltage and surge protection shall be provided at the input power of all panels.

L. MASS NOTIFICATION SYSTEM (MNS). A mass notification system shall be provided as required by UFC 4-010-01.

3.10. ELECTRICAL REQUIREMENTS

A. EXTERIOR ELECTRICAL DISTRIBUTION SYSTEM

1) Provide underground power connections to the facility.

2) Provide automatic start exterior standby generator(s) in accordance with paragraph 3.10.C.1).e). Locate the generator(s) in a secure area outside of the building in weatherproof enclosures. Provide fuel storage tanks for standby generator in accordance with paragraph 3.4.D).

3) ~~<C2F_DEPLOYED_NOT>Omitted. </C2F_DEPLOYED_NOT><C2F_DEPLOYED>Power Connections for Tactical SCIF Vehicle Area.~~ Provide underground systems for power connectivity to the TSVA. Power shall be capable of accommodating user power requirements to each SCIF vehicle, as determined by the Government for manned and unmanned platform support without using the platform's onboard power. 40% of the vehicles shall have a load of 100 Amps and 60% of the vehicles shall have a load of 60 Amps. Connection points shall be designed for ease of serviceability, with the appropriate MIL - STD connectors and shall prevent damage from the vehicles. Connection requirements shall be coordinated with the User. </C2F_DEPLOYED>

Comment [sdn23]: Note to RFP preparer: Tactical SCI Vehicle Area for all Deployable Units

B. EXTERIOR LIGHTING

1) **General:** Exterior area lighting systems shall be provided for sidewalks, service yards, uncovered storage areas, and parking areas. Exterior area lighting systems shall consist of color corrected high intensity discharge (HID) lighting units mounted on poles and located within the clear zone and on the primary facility. In addition, fluorescent lamps can be utilized around the building perimeter. Illumination levels shall be 50 lx for areas adjacent to the primary facility and 5 lx for parking areas. Lighting circuits shall be controlled by a time switch and/or photocell to allow the flexibility of turning off lights after a set time. Exterior lighting circuits shall be provided as required.

2) ~~<C2F_HELI_NOT>Omitted</C2F_HELI_NOT><C2F_HELI>Helipad:~~ The heliport shall be provided with appropriate lighting and controls in accordance with UFC 3-260-01. </C2F_HELI>

Comment [sdn24]: Note to RFP preparer: Choose this paragraph if project requires a Heliport

C. INTERIOR ELECTRICAL

- 1) **Characteristics.** Select electrical characteristics of the power system to provide a safe, efficient and economical distribution of power based upon the size and types of loads to be served. Use distribution and utilization voltages of the highest level that is practical for the load to be served.
- 2) **Nonlinear Loads.** The effect of nonlinear loads such as computers and other electronic devices shall be considered and accommodated as necessary. These loads generate harmonics, which can overload conventionally sized conductors or equipment and thereby cause safety hazards and premature failures. Circuits serving such devices shall be equipped with a separate neutral conductor not shared with other circuits. Panelboards and any dry type transformers shall be rated accordingly.
- 3) Lightning Protection System and Transient Voltage Surge Protection shall be in accordance with NFPA 780 and other referenced criteria. The extent of transient voltage surge suppression shall be determined by the designer based on industry standards.
- 4) **Receptacles.** Power Receptacles shall be provided per NFPA 70 and in conjunction with the proposed equipment and furniture layouts. Provide power, data and telecommunications connectivity to each workstation. A duplex receptacle shall be accessibly located adjacent to each voice, data, and CATV outlet. Power poles shall not be used. Convenience duplex receptacles shall be provided, with at least one in each room and in corridors on maximum 40-foot centers. Each workstation in the SCIF, OC, and NOC shall have three computers. Each workstation in the STO facility shall have four computers.
- 5) **Stand-by Power System.** Stand-by power system includes generator(s) and automatic transfer switches. The number of generators shall be selected based upon the total load served and size of commercially available units. **<C2F_DRU_OTHER_NOT>**For C2F, the standby power system shall be sized to accommodate ALL building and site loads and provide a minimum of 72 hours of continuous emergency operation. Automatic transfer switches shall be provided in accordance with the NEC for life safety and other loads and shall be equipped with isolation/bypass feature for ease of maintenance. At least one generator shall be designated to serve emergency and life safety loads that include, but shall not be limited to, one elevator, emergency egress and exit lighting, fire alarm system, all loads located in the OC, NOC, SCIF, and Command Suite. **<C2F_DRU_OTHER_NOT><C2F_DRU_OTHER>**For Army HQ, the standby power system shall be sized to accommodate ONLY functionally critical areas of the building, i.e. OC **<C2F_NOC>**, NOC **<C2F_NOC><C2F_SCIF>**, SCIF **<C2F_SCIF>**, executive conference room in the command suite, telecommunications rooms, server rooms, and audio visual control rooms; and as required by all applicable life safety codes. Automatic transfer switches shall be provided in accordance with the NEC for life safety and other loads and shall be equipped with isolation/bypass feature for ease of maintenance. Provide capability for a minimum of 48 hours of continuous emergency operation. **<C2F_DRU_OTHER>**
- 6) **Uninterruptible Power Source (UPS) Systems.** UPS to serve the OC **<C2F_NOC>**, NOC **<C2F_NOC><C2F_SCIF>**, SCIF **<C2F_SCIF>** server rooms, telecommunication rooms, audio visual control rooms, and the executive conference room shall be provided. Unit(s) shall have a minimum of five (5) minutes of capacity at full load to allow for generator override or orderly shutdown of critical loads if the generator power fails to go on line. Unit(s) shall have isolation/bypass capabilities for maintenance and shall utilize leak proof maintenance-free sealed lead-acid batteries with suspended electrolyte.
- 7) Provide a minimum of 25% spare circuit and load capacity at all levels of the power distribution system including the stand-by power system.

D. INTERIOR LIGHTING. Lighting and lighting controls shall comply with the recommendations of the Illumination Engineering Society of North America (IESNA) and the requirements of ASHRAE 90.1. Lighting shall be compatible with security cameras and security requirements.

- 1) **Interior Lighting.** Interior ambient illumination shall provide a generally glare free, high quality lighting environment and conform to IESNA RP-1-04.
- 2) **Interior Lighting Controls.** Provide lighting controls throughout the facility capable of controlling multiple zones and presets as stated in the FDC. Local manual controls shall supplement automatic controls in offices and specialized areas including all conference rooms, and the OC, NOC, and SCIF areas. Control panel, occupancy, vacancy, and day lighting sensors shall be provided where applicable. Building scheduling control capabilities with local over rides shall also be included.
- 3) **Special Lighting Circuits.** All conference rooms and classrooms shall have a circuit for general lighting, a circuit to focus light on the speaker, and a dimmable circuit to focus light over student desks (or conference

Comment [sdn25]: Note to RFP preparer: In the Stand-by Power System paragraph, choose the first bracketed section for C2Fs and the second for all other HQ.

table) without glare on audio-video displays. The OC, NOC, and SCIF areas shall have a circuit for general lighting and a dimmable circuit to focus light over the general work area without glare on audio-video displays. Dimming ballasts shall be capable of dimming to 5 percent. A single lighting system with control capability of meeting all these requirements may be used. The lamp temperature range shall be coordinated with the video camera light sensitivity utilized in all video teleconferencing rooms.

4) **Video Teleconferencing Room Lighting:** Lighting shall have special diffusers so as not to wash out the participants and not impinge on the screens/displays. Controls shall include a central control system with a control interface that also has the capability of being controlled by the A/V equipment.

5) Emergency egress and exit lighting shall be provided throughout the facility in accordance with NFPA 101 and shall be powered from the stand-by power system referenced in paragraph 3.10.C.1)e) above.

3.11. HEATING VENTILATING AND AIR CONDITIONING (HVAC) REQUIREMENTS

A. **GENERAL:** The entire facility shall be heated and air conditioned, except that mechanical rooms, electrical rooms and similar utility spaces may be heated and ventilated. All equipment/materials shall be installed in accordance with the manufacturer's instructions and/or recommendations.

B. **EXTERIOR EQUIPMENT:** No aboveground mechanical equipment (chillers, refrigeration equipment, condensers, air-handling equipment, and similar equipment) and miscellaneous equipment (including transformers and generators) shall be physically located within secure vehicle parking areas. Aboveground mechanical equipment will be secure to force protection and security standards and will blend into the architectural design of the building.

C. **EXTERIOR CONSTRUCTION:** Use sustainable, low maintenance finish materials for exposed mechanical equipment.

D. **DESIGN DATA:** The outdoor design temperature for comfort cooling shall be the 1 percent dry bulb and the corresponding mean coincident wet bulb temperature for the locale. The outdoor design temperature for heating shall be the 99 percent dry bulb temperature for the locale. The indoor design relative humidity for cooling design calculations shall be 50 percent. Actual internal equipment loads (i.e. heat dissipation) for finalized HVAC system sizing purposes shall be acquired from the USER or applicable point-of-contact (POC), and is the responsibility of the Designer of Record. For baseline purposes, estimated internal equipment loads (i.e. heat dissipation) shall be as follows: For the NOC, OC, and SCIF and Telecommunication areas, use Table I: Equipment Loads. For all rooms / areas with the exception of the Classroom / Training area, it shall be assumed that each personnel / workstation area, cubicle, and office space is assigned a personal computer (desktop), for HVAC load calculation purposes. Unless otherwise indicated, the peak quantity of personnel within the Conference room / areas shall be based on one person per 20 square feet of floor area.

1) ~~C2F~~ ~~DRU_OTHER_NOT~~ **TABLE I: Equipment Loads for Planning** ~~Not Used~~ ~~C2F~~ ~~DRU_OTHER~~

| NOC/OC/SCIF Areas | |
|-------------------------------|-------------------------|
| Room Description | Watts / ft ² |
| SCIF (Open Office) | 4.7 |
| SIGINT | 11.5 |
| G2 Data/Server Room (SCIF) | 97.0 |
| STO FAC (C2F Only) | 3.1 |
| OC (Open Office) | 5.5 |
| Network Management Area (NOC) | 5.8 |
| GEOSPATIAL | 4.0 |
| Server Room (OC) | 21.1 |
| Server Room (NOC) | 95.5 |
| Targeting Office | 11.9 |
| Conference Room / VTC | 1.8 |

Comment [sdn26]: Note to RFP preparer: TABLE I: EQUIPMENT LOADS FOR PLANNING, choose the first bracketed table for C2Fs and the second for all other HQ.

| | |
|--|------|
| STO/VTC (C2F Only) | 2.0 |
| C41M | 12.0 |
| SIGINT Leadership | 5.5 |
| Fusion Chief Coll Mgmt | 4.1 |
| Printer/Copier/Files | 18.6 |
| Telecomm Entrance / Equipment Room | 73.9 |
| Automated Information Systems | 6.0 |
| SIPRNET | 54.2 |
| NIPRNET | 55.3 |
| Distributed / Computer-Based Training (DT/CBT) | 2.8 |

2) **<C2F_DRU_OTHER>TABLE I: Equipment Loads for Planning (Army HQ)</C2F_DRU_OTHER><C2F_DRU_OTHER_NOT>Not Used</C2F_DRU_OTHER_NOT>**

| NOC/OC/SCIF Areas | |
|--|-------------------------|
| Room Description | Watts / ft ² |
| SCIF | 2.9 |
| Conference Room / VTC (SCIF) | 3.0 |
| JWICS Equipment Closet (SCIF) | 2.5 |
| Secure Equipment Room (NOC) | 1.4 |
| Server Room (NOC) | 40.6 |
| Command Center (OC) | 5.2 |
| Conference Room / VTC | 3.4 |
| Distributed / Computer-Based Training (DT/CBT) | 2.8 |
| Telecomm Entrance / Equipment Room | 23.4 |
| Telecomm Room / SIPRNET Room | 6.0 |
| A/V Control Room | 33.1 |

3) **Table II: Indoor Design Data**

| Heating | |
|---|---------------------------|
| General Indoor Design Temperature | 70°F |
| Unoccupied Space Design Temperature | 55°F |
| OC, SCIF, Telecomm. Rooms | 72°F |
| *NOC and *Server Rooms | 72°F/45% RH plus/minus 5% |
| Mechanical Rooms (freeze protection) | 40°F |
| Cooling | |
| General Indoor Design Temperature | 75°F |
| OC, SCIF , Telecomm Rooms | 72°F |
| *NOC and *Server Rooms | 72°F/45% RH plus/minus 5% |
| *Areas in which humidity control (i.e. humidification, reheat, etc.) may be required. | |

E. AIR HANDLING EQUIPMENT:

1) The following areas shall each be provided and served by an independent and dedicated air-handling system: Operations Center (OC), SCIF, Briefing Room, Command Suite, Main Entrance Telecommunications Room, Telecommunication Equipment Rooms, Telecommunication Rooms, NOC, UPS Room, and Server Rooms. Individual temperature control shall be provided for each of the above listed areas/rooms. Equipment redundancy shall be provided for each of the above listed areas/rooms and also for other associated areas (i.e. AV Controls, etc.) as indicated/addressed in Table III: Redundancy/Reliability Matrix.

2) The NOC and all Server rooms shall be served and conditioned utilizing computer room air conditioning (CRAC) units. Humidity control is required in the NOC and all Server rooms. CRAC's shall be designed for continuous use.

F. OFFICE SPACE ON RAISED FLOOR SYSTEMS: Consider at least the following two systems in the LCCA:

1) Under Floor Air Distribution (UFAD) system. Conform to ASHRAE Underfloor Air Distribution (UFAD) Design Guide.

2) Conventional Variable-Air-Volume (VAV) system.

G. HVAC SYSTEM REQUIREMENTS FOR ADMINISTRATIVE AREAS: The capability of extending the regularly-scheduled operating hours of the HVAC systems shall be provided. Provide HVAC provisions for accommodating the Duty Officer's 24/7 occupancy pattern. Provisions shall consider the normal after-hour shut-down of the main building heating/cooling system. Administrative areas shall be temperature-controlled by the DDC System. Temperature setpoint adjustment shall be accomplished via DDC System by authorized personnel not on site. Occupant setpoint-adjustable thermostats shall not be used.

H. MULTIPURPOSE (TEAM) ROOMS, CONFERENCE ROOMS AND TRAINING ROOMS: Provide separate individual temperature control zone for each room. Provide blank zone temperature sensor with remote temperature setpoint via the DDC system by authorized personnel.

I. UNINTERRUPTIBLE POWER SOURCE (UPS): HVAC systems serving UPS rooms shall be designed and provided to maintain appropriate interior environmental conditions (temperature, humidity, and pressure), and to limit hydrogen gas accumulation to less than an explosive mixture. Design of HVAC systems shall meet the system manufacturer's requirements and applicable code requirements such as OSHA, NFPA 1, NFPA 111, NFPA 70, etc. Ventilation/exhaust system shall be provided as required and shall be an independent and dedicated system which is separate from all other building systems. Air recirculation within the battery area is not allowed, and where required, mechanical components of the ventilation system shall be explosion-proof. Appropriate alarms and automatic controls shall be provided to automatically detect and sound audible alarm upon malfunction of the ventilation system. A malfunction of the ventilation system shall prevent the battery charging system from operating. Design features of the battery area/room shall address all requirements such as ventilation, fire protection, and hazardous material reporting, disposal, and spill control.

J. PLUMBING SYSTEMS

1) An emergency eyewash station shall be provided and located within the area of the UPS system.

K. REDUNDANCY / RELIABILITY: If the HVAC system or a component of the main primary HVAC system fails resulting in an inoperative system, the redundant HVAC equipment shall be designed, configured, and capable of automatic switch-over to providing 100% of the load. HVAC systems and component redundancy shall be provided and comply with the following Table III matrix:

1) Table III: Redundancy/Reliability Matrix

| REDUNDANCY/RELIABILITY MATRIX | | | |
|-------------------------------|-------------------------------------|---|--|
| Category | Equipment or Area Served | Battery Back-Up for Controls (see note 4) | Requirement |
| Central Equipment | Cooling and Refrigeration Equipment | Yes | 100% Dedicated redundancy is required (See Note 7) |

| REDUNDANCY/RELIABILITY MATRIX | | | |
|---|--|---|---|
| Category | Equipment or Area Served | Battery Back-Up for Controls (see note 4) | Requirement |
| and Associated Controls | <C2F_NOHEAT>Heating Equipment</C2F_NOHEAT> | <C2F_NOHEAT>Yes</C2F_NOHEAT> | <C2F_NOHEAT>100% Dedicated redundancy is required (See Note 7)</C2F_NOHEAT> |
| | Sump Pumps, Sewage Ejectors, and Lift Stations (as required) | Yes | Duplex, with each pump sized at 100 percent. |
| Air-handling Equipment and Associated Controls | OC (COIC) | Yes | 100% Dedicated redundancy is required |
| | SCIF | Yes | |
| | NOC and Server Rooms | Yes | |
| | Entrance (Communications) Room, Telecommunications Equipment Rooms and Telecommunications Rooms | Yes | |
| | Command Suite | Yes | |
| | AV Control associated with the OC (COIC), SCIF and ,NOC, Command Suite | Yes | |
| | UPS Rooms | Yes | |
| | Briefing | No | No airside redundancy required. |
| Other Spaces | No | No airside redundancy required. | |
| Piping | General | NA | Provide isolation valves at equipment, riser feeds, and pipe branches serving two or more pieces of equipment. |
| | Server Rooms, Entrance (Communications) Room, Telecommunications Equipment Rooms, Telecommunications Rooms OC (COIC) and NOC, Command Suite, SCIF, AV Control associated with the OC (COIC), UPS Rooms | NA | Provide 100% redundant cooling <C2F_NOHEAT>and heating</C2F_NOHEAT> piping feeds utilizing separate, remote pathways from the redundant cooling <C2F_NOHEAT>and heating</C2F_NOHEAT> source equipment to air-handling equipment serving these areas. Provide valves to allow selection and isolation of independent piping feeds. |
| Notes: | | | |
| <ol style="list-style-type: none"> Where redundancy requirements dictate the use of packaged equipment for an area or combination of areas, two (2) separate sets of packaged equipment, each at 100% capacity, are required to be provided. The HVAC system must be capable of isolating non-critical areas in the event of failure of central equipment. HVAC Equipment is not required to be on UPS. Controls must have battery back-up or non-volatile memory to facilitate automatic re-start upon restoration of stand-by or normal power. Where centralized underground piping distribution system is utilized as a cooling <C2F_NOHEAT>and heating</C2F_NOHEAT> fuel source, it must be available year-round, 24-hrs/day, 7-days/week, and an additional and separate cooling <C2F_NOHEAT>and heating</C2F_NOHEAT> system shall be provided to serve as the required 100% capacity backup. Areas and systems requiring 100% dedicated redundancy shall include the capability of automatic monitoring and automatic system switch-over in the event of a system operational failure or malfunction, and also to equalize systems run time. System operational failure or malfunction shall produce an audible and visual alarm for the occupants. Applicable only to the equipment serving the critical areas listed in the "Air-handling Equipment and Associated Controls" category where 100% dedicated redundancy is indicated to be required. <C2F_NOHEAT> [Redundant heating piping feeds are not required to be extended to the individual air terminal units (i.e. VAV boxes) in VAV air handling systems. <C2F_NOHEAT> | | | |

3.12. ENERGY CONSERVATION REQUIREMENTS

A. ENERGY CONSERVATION. Provide in accordance with the following paragraph of the RFP Statement of Work (SOW): Paragraph 5.0 GENERAL TECHNICAL REQUIREMENTS, subparagraph ENERGY CONSERVATION.

B. **SCHEDULES:** the following facility load schedules shall be used in energy simulations for purposes of documenting compliance with energy performance requirements.

1) **Schedules: General Admin Areas and TeleComm Areas**

| Hr | Occupancy | | | Lighting | | | Plug Loads (Desktop, Laptops, Computers Only) | | | Comm Rm Equipment | | |
|----|-----------|-----|-----|----------|------|------|---|-----|-----|----------------------|-----|-----|
| | Wk | Sat | Sun | Wk | Sat | Sun | Wk | Sat | Sun | Wk | Sat | Sun |
| 1 | 0 | 0 | 0 | 0.05 | 0.05 | 0.05 | 0.3 | 0.3 | 0.3 | 0.8 | 0.8 | 0.8 |
| 2 | 0 | 0 | 0 | 0.05 | 0.05 | 0.05 | 0.3 | 0.3 | 0.3 | 0.8 | 0.8 | 0.8 |
| 3 | 0 | 0 | 0 | 0.05 | 0.05 | 0.05 | 0.3 | 0.3 | 0.3 | 0.8 | 0.8 | 0.8 |
| 4 | 0 | 0 | 0 | 0.05 | 0.05 | 0.05 | 0.3 | 0.3 | 0.3 | 0.8 | 0.8 | 0.8 |
| 5 | 0 | 0 | 0 | 0.05 | 0.05 | 0.05 | 0.3 | 0.3 | 0.3 | 0.8 | 0.8 | 0.8 |
| 6 | 0 | 0 | 0 | 0.05 | 0.05 | 0.05 | 0.3 | 0.3 | 0.3 | 0.8 | 0.8 | 0.8 |
| 7 | 0 | 0 | 0 | 0.3 | 0.05 | 0.05 | 0.3 | 0.3 | 0.3 | 0.8 | 0.8 | 0.8 |
| 8 | 0.2 | 0 | 0 | 0.95 | 0.05 | 0.05 | 0.44 | 0.3 | 0.3 | 0.8 | 0.8 | 0.8 |
| 9 | 0.95 | 0 | 0 | 0.95 | 0.05 | 0.05 | 0.95 | 0.3 | 0.3 | 0.95 | 0.8 | 0.8 |
| 10 | 0.95 | 0 | 0 | 0.95 | 0.05 | 0.05 | 0.95 | 0.3 | 0.3 | 0.95 | 0.8 | 0.8 |
| 11 | 0.95 | 0 | 0 | 0.95 | 0.05 | 0.05 | 0.95 | 0.3 | 0.3 | 0.95 | 0.8 | 0.8 |
| 12 | 0.5 | 0 | 0 | 0.95 | 0.05 | 0.05 | 0.65 | 0.3 | 0.3 | 0.95 | 0.8 | 0.8 |
| 13 | 0.95 | 0 | 0 | 0.95 | 0.05 | 0.05 | 0.95 | 0.3 | 0.3 | 0.95 | 0.8 | 0.8 |
| 14 | 0.95 | 0 | 0 | 0.95 | 0.05 | 0.05 | 0.95 | 0.3 | 0.3 | 0.95 | 0.8 | 0.8 |
| 15 | 0.95 | 0 | 0 | 0.95 | 0.05 | 0.05 | 0.95 | 0.3 | 0.3 | 0.95 | 0.8 | 0.8 |
| 16 | 0.95 | 0 | 0 | 0.95 | 0.05 | 0.05 | 0.95 | 0.3 | 0.3 | 0.95 | 0.8 | 0.8 |
| 17 | 0.95 | 0 | 0 | 0.95 | 0.05 | 0.05 | 0.95 | 0.3 | 0.3 | 0.95 | 0.8 | 0.8 |
| 18 | 0.1 | 0 | 0 | 0.15 | 0.05 | 0.05 | 0.37 | 0.3 | 0.3 | 0.8 | 0.8 | 0.8 |
| 19 | 0 | 0 | 0 | 0.05 | 0.05 | 0.05 | 0.3 | 0.3 | 0.3 | 0.8 | 0.8 | 0.8 |
| 20 | 0 | 0 | 0 | 0.05 | 0.05 | 0.05 | 0.3 | 0.3 | 0.3 | 0.8 | 0.8 | 0.8 |
| 21 | 0 | 0 | 0 | 0.05 | 0.05 | 0.05 | 0.3 | 0.3 | 0.3 | 0.8 | 0.8 | 0.8 |
| 22 | 0 | 0 | 0 | 0.05 | 0.05 | 0.05 | 0.3 | 0.3 | 0.3 | 0.8 | 0.8 | 0.8 |
| 23 | 0 | 0 | 0 | 0.05 | 0.05 | 0.05 | 0.3 | 0.3 | 0.3 | 0.8 | 0.8 | 0.8 |
| 24 | 0 | 0 | 0 | 0.05 | 0.05 | 0.05 | 0.3 | 0.3 | 0.3 | 0.8 | 0.8 | 0.8 |

2) **Schedules: NOC/OC/SCIF Areas**

| Hr | Occupancy | | | Lighting | | | Plug Loads (Desktop, Laptops, Computers Only) | | | Server Equipment | | |
|----|-----------|-----|-----|----------|------|------|---|-----|-----|------------------|-----|-----|
| | Wk | Sat | Sun | Wk | Sat | Sun | Wk | Sat | Sun | Wk | Sat | Sun |
| 1 | 0 | 0 | 0 | 0.05 | 0.05 | 0.05 | 0.3 | 0.3 | 0.3 | 0.8 | 0.8 | 0.8 |
| 2 | 0 | 0 | 0 | 0.05 | 0.05 | 0.05 | 0.3 | 0.3 | 0.3 | 0.8 | 0.8 | 0.8 |
| 3 | 0 | 0 | 0 | 0.05 | 0.05 | 0.05 | 0.3 | 0.3 | 0.3 | 0.8 | 0.8 | 0.8 |
| 4 | 0 | 0 | 0 | 0.05 | 0.05 | 0.05 | 0.3 | 0.3 | 0.3 | 0.8 | 0.8 | 0.8 |

| | | | | | | | | | | | | |
|----|------|---|---|------|------|------|------|-----|-----|-------------|------------|------------|
| 5 | 0 | 0 | 0 | 0.05 | 0.05 | 0.05 | 0.3 | 0.3 | 0.3 | 0.8 | 0.8 | 0.8 |
| 6 | 0 | 0 | 0 | 0.05 | 0.05 | 0.05 | 0.3 | 0.3 | 0.3 | 0.8 | 0.8 | 0.8 |
| 7 | 0 | 0 | 0 | 0.3 | 0.05 | 0.05 | 0.3 | 0.3 | 0.3 | 0.8 | 0.8 | 0.8 |
| 8 | 0.2 | 0 | 0 | 0.95 | 0.05 | 0.05 | 0.44 | 0.3 | 0.3 | 0.8 | 0.8 | 0.8 |
| 9 | 0.95 | 0 | 0 | 0.95 | 0.05 | 0.05 | 0.95 | 0.3 | 0.3 | 0.95 | 0.8 | 0.8 |
| 10 | 0.95 | 0 | 0 | 0.95 | 0.05 | 0.05 | 0.95 | 0.3 | 0.3 | 0.95 | 0.8 | 0.8 |
| 11 | 0.95 | 0 | 0 | 0.95 | 0.05 | 0.05 | 0.95 | 0.3 | 0.3 | 0.95 | 0.8 | 0.8 |
| 12 | 0.5 | 0 | 0 | 0.95 | 0.05 | 0.05 | 0.65 | 0.3 | 0.3 | 0.95 | 0.8 | 0.8 |
| 13 | 0.95 | 0 | 0 | 0.95 | 0.05 | 0.05 | 0.95 | 0.3 | 0.3 | 0.95 | 0.8 | 0.8 |
| 14 | 0.95 | 0 | 0 | 0.95 | 0.05 | 0.05 | 0.95 | 0.3 | 0.3 | 0.95 | 0.8 | 0.8 |
| 15 | 0.95 | 0 | 0 | 0.95 | 0.05 | 0.05 | 0.95 | 0.3 | 0.3 | 0.95 | 0.8 | 0.8 |
| 16 | 0.95 | 0 | 0 | 0.95 | 0.05 | 0.05 | 0.95 | 0.3 | 0.3 | 0.95 | 0.8 | 0.8 |
| 17 | 0.95 | 0 | 0 | 0.95 | 0.05 | 0.05 | 0.95 | 0.3 | 0.3 | 0.95 | 0.8 | 0.8 |
| 18 | 0.1 | 0 | 0 | 0.15 | 0.05 | 0.05 | 0.37 | 0.3 | 0.3 | 0.8 | 0.8 | 0.8 |
| 19 | 0 | 0 | 0 | 0.05 | 0.05 | 0.05 | 0.3 | 0.3 | 0.3 | 0.8 | 0.8 | 0.8 |
| 20 | 0 | 0 | 0 | 0.05 | 0.05 | 0.05 | 0.3 | 0.3 | 0.3 | 0.8 | 0.8 | 0.8 |
| 21 | 0 | 0 | 0 | 0.05 | 0.05 | 0.05 | 0.3 | 0.3 | 0.3 | 0.8 | 0.8 | 0.8 |
| 22 | 0 | 0 | 0 | 0.05 | 0.05 | 0.05 | 0.3 | 0.3 | 0.3 | 0.8 | 0.8 | 0.8 |
| 23 | 0 | 0 | 0 | 0.05 | 0.05 | 0.05 | 0.3 | 0.3 | 0.3 | 0.8 | 0.8 | 0.8 |
| 24 | 0 | 0 | 0 | 0.05 | 0.05 | 0.05 | 0.3 | 0.3 | 0.3 | 0.8 | 0.8 | 0.8 |

3) **Schedules: NOC/OC/SCIF Areas Only**

| HR | SCIF Equipment (Printers, Copiers, Shredders, etc.) | | | CPOF Equipment and TV's (OC) | | | TSVA Parking | | |
|----|---|-----|-----|------------------------------|-----|-----|--------------|------|------|
| | Wk | Sat | Sun | Wk | Sat | Sun | Wk | Sat | Sun |
| 1 | 0 | 0 | 0 | 0.3 | 0.3 | 0.3 | 0.95 | 0.95 | 0.95 |
| 2 | 0 | 0 | 0 | 0.3 | 0.3 | 0.3 | 0.95 | 0.95 | 0.95 |
| 3 | 0 | 0 | 0 | 0.3 | 0.3 | 0.3 | 0.95 | 0.95 | 0.95 |
| 4 | 0 | 0 | 0 | 0.3 | 0.3 | 0.3 | 0.95 | 0.95 | 0.95 |
| 5 | 0 | 0 | 0 | 0.3 | 0.3 | 0.3 | 0.95 | 0.95 | 0.95 |
| 6 | 0 | 0 | 0 | 0.3 | 0.3 | 0.3 | 0.95 | 0.95 | 0.95 |
| 7 | 0 | 0 | 0 | 0.3 | 0.3 | 0.3 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0.3 | 0.3 | 0.3 | 0 | 0 | 0 |
| 9 | 0.1 | 0 | 0 | 0.44 | 0.3 | 0.3 | 0 | 0 | 0 |
| 10 | 0.1 | 0 | 0 | 0.44 | 0.3 | 0.3 | 0 | 0 | 0 |
| 11 | 0.1 | 0 | 0 | 0.44 | 0.3 | 0.3 | 0 | 0 | 0 |
| 12 | 0.1 | 0 | 0 | 0.44 | 0.3 | 0.3 | 0 | 0 | 0 |
| 13 | 0.1 | 0 | 0 | 0.44 | 0.3 | 0.3 | 0 | 0 | 0 |
| 14 | 0.1 | 0 | 0 | 0.44 | 0.3 | 0.3 | 0 | 0 | 0 |
| 15 | 0.1 | 0 | 0 | 0.44 | 0.3 | 0.3 | 0 | 0 | 0 |
| 16 | 0.1 | 0 | 0 | 0.44 | 0.3 | 0.3 | 0 | 0 | 0 |

| | | | | | | | | | |
|----|-----|---|---|------|-----|-----|------|------|------|
| 17 | 0.1 | 0 | 0 | 0.44 | 0.3 | 0.3 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0.3 | 0.3 | 0.3 | 0 | 0 | 0 |
| 19 | 0 | 0 | 0 | 0.3 | 0.3 | 0.3 | 0.95 | 0.95 | 0.95 |
| 20 | 0 | 0 | 0 | 0.3 | 0.3 | 0.3 | 0.95 | 0.95 | 0.95 |
| 21 | 0 | 0 | 0 | 0.3 | 0.3 | 0.3 | 0.95 | 0.95 | 0.95 |
| 22 | 0 | 0 | 0 | 0.3 | 0.3 | 0.3 | 0.95 | 0.95 | 0.95 |
| 23 | 0 | 0 | 0 | 0.3 | 0.3 | 0.3 | 0.95 | 0.95 | 0.95 |
| 24 | 0 | 0 | 0 | 0.3 | 0.3 | 0.3 | 0.95 | 0.95 | 0.95 |

4) **Schedules: Exterior Lighting**

| Parking, Walkway, and Bldg Facade Lighting | | | |
|--|------|------|------|
| HR | Wk | Sat | Sun |
| 1 | 0.95 | 0.95 | 0.95 |
| 2 | 0.95 | 0.95 | 0.95 |
| 3 | 0.95 | 0.95 | 0.95 |
| 4 | 0.95 | 0.95 | 0.95 |
| 5 | 0.95 | 0.95 | 0.95 |
| 6 | 0.95 | 0.95 | 0.95 |
| 7 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 |
| 10 | 0 | 0 | 0 |
| 11 | 0 | 0 | 0 |
| 12 | 0 | 0 | 0 |
| 13 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 |
| 15 | 0 | 0 | 0 |
| 16 | 0 | 0 | 0 |
| 17 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 |
| 19 | 0.95 | 0.95 | 0.95 |
| 20 | 0.95 | 0.95 | 0.95 |
| 21 | 0.95 | 0.95 | 0.95 |
| 22 | 0.95 | 0.95 | 0.95 |
| 23 | 0.95 | 0.95 | 0.95 |
| 24 | 0.95 | 0.95 | 0.95 |

3.13. FIRE PROTECTION REQUIREMENTS

A. STANDARDS AND CODES. All fire protection and life safety features shall be in accordance with UFC 3-600-01 and the criteria referenced therein. The facility shall be classified as MISSION CRITICAL and shall be provided with complete sprinkler protection.

B. **QUALIFICATIONS OF FIRE PROTECTION ENGINEER.** The design of the fire protection features shall be by a qualified fire protection engineer meeting one of the conditions indicated in UFC 3-600-01.

C. **FIRE PROTECTION AND LIFE SAFETY ANALYSIS.** A fire protection and life safety design analysis shall be provided for this project. The analysis shall be submitted with the preliminary design submittal. The analysis shall include classification of occupancy (both per the IBC and NFPA 101); type of construction; height and area limitations (include calculations for allowable area increases); life safety provisions (exit travel distances, common path distances, dead end distances, exit unit width required and provided); building separation or exposure protection; specific compliance with NFPA codes and the IBC; requirements for fire-rated walls, doors, fire dampers, etc.; analysis of automatic suppression systems and protected areas; water supplies; smoke control systems; fire alarm system, including connection to the base-wide system; fire detection system; standpipe systems; fire extinguishers; interior finish ratings; and other pertinent fire protection data. The submittal shall include a life safety floor plan for all buildings in the project showing occupant loading, occupancy classifications and construction type, egress travel distances, exit capacities, areas with sprinkler protection, fire extinguisher locations, ratings of fire-resistive assemblies, and other data necessary to exhibit compliance with life safety code requirements.

D. **SPRINKLER SYSTEM.** The facility shall be fully protected with automatic sprinkler systems. All floors and all areas of the facilities shall be protected. The sprinkler system design shall be in accordance with UFC 3-600-01 and NFPA 13. The sprinkler hazard classifications shall be in accordance with UFC 3-600-01, NFPA 13, and other applicable criteria. Design densities, design areas and exterior hose streams shall be in accordance with UFC 3-600-01. The sprinkler systems shall be designed and all piping sized with computer generated hydraulic calculations. The exterior hose stream demand shall be included in the hydraulic calculations. A complete sprinkler system design, including sprinklers, branch lines, floor mains and risers, shall be shown on the drawings. The sprinkler system plans shall include node and pipe identification used in the hydraulic calculations. All sprinkler system drains, including main drains, test drains, and auxiliary drains, shall be routed to a 2-foot by 2-foot splash block at exterior grade or other approved location.

1) **Sprinkler Service Main and Riser.** The sprinkler service main shall be a dedicated line from the distribution main. Sprinkler service and domestic service shall not be combined. The required electrical connection shall be made to the tamper switch on the PIV. The conductor shall be routed to and connected to the building fire alarm control panel (FACP). The ground floor entry penetration shall be sleeved per NFPA 13 requirements for seismic protection. The sprinkler entry riser shall include a double check backflow preventer, a fire department connection, and a wall hydrant for testing of backflow preventer. The sprinkler system shall include an indicating control valve for each sprinkler system riser, a flow switch reporting to the FACP, and an exterior alarm bell. All control valves shall be OS&Y gate type and shall be provided with tamper switches connected to the FACP. Facilities with multiple floors shall be provided with floor control valves for each floor. The floor control valve assembly shall be in accordance with UFC 3-600-01, Figure 4-1.

2) **Exterior Hose Stream.** Exterior hose stream demand shall be in accordance with UFC 3-600-01. This shall be 250 gpm for light hazard and 500 gpm for ordinary hazard. Exterior hose stream demand shall be included in the sprinkler system hydraulic calculations.

3) **Backflow Preventer.** At minimum, a double check backflow preventer shall be provided on the fire water main serving the building. Some installations and private water utilities contractors may require more elaborate back flow preventer assemblies (reduced-pressure zone type, double check detector type, etc.). The assembly shall be located within the building unless otherwise required by the installation or utilities contractor. An exterior, wall-mounted test header with 2.5" hose connections and OS&Y valve shall be provided to allow testing of the backflow preventer at design flow, as required by NFPA 13.

4) **Fire Department Connection.** A fire department connection shall be provided and shall be located to be directly accessible to the fire department.

5) **NOC, Server Rooms, Telecommunication Equipment Rooms, Entrance Communication Room and other information technology equipment areas.** Provide each area with a separate supervised zone-control valve assembly situated in an accessible location near the zone boundary. Provide a flow switch in the pipe serving each zone and wire to disconnect electric power from equipment upon sprinkler flow.

E. **ELEVATORS.** The fire protection features of elevators, hoist ways, machine rooms and lobbies shall be in accordance with UFC 3-600-01, ASME A17.1, NFPA 13 and NFPA 72.

F. **SYSTEM COMPONENTS AND HARDWARE.** Materials for the sprinkler system, fire pump system, and hose standpipe system shall be in accordance with NFPA 13 and NFPA 20.

G. **PROTECTION OF PIPING AGAINST EARTHQUAKE DAMAGE.** Sprinkler and fire pump piping systems shall be protected against damage from earthquakes. Seismic protection shall include both flexible and rigid couplings, sway bracing, seismic separation assemblies where piping crosses building seismic separation joints, and other features as required by NFPA 13 for protection of piping against damage from earthquakes.

H. **FIRE WATER SUPPLY.** [Fire flow test data is provided in the appendix.][The geographic district will provide the fire flow test data for preliminary fire protection system design. The contractor shall verify fire flow data by conducting necessary fire flow tests at the project site during project. The fire protection engineer shall base the design of the fire protection system on the results of these tests.]

I. **FIRE PUMP.** The requirement for a fire pump installation shall be determined by the fire protection engineer based on fire flow test data from the project site and fire protection system design requirements for the project. If required a complete fire pump installation shall be provided for the facility. It shall comply with the requirements of UFC 3-600-01, NFPA 13 and NFPA 20. Fire pump design analysis and drawings shall be submitted as part of the design requirements.

J. **FIRE DETECTION AND ALARM.** A fire alarm and detection system shall be provided. It shall comply with the requirements of UFC 3-600-01 and NFPA 72. The system shall be addressable and fully compatible with and integrated with the local base-wide central monitoring system.

K. **BUILDING CONSTRUCTION.** Construction shall comply with requirements of UFC 3-600-01, the International Building Code, NFPA 101, and NFPA 75.

1) **Fire Extinguishers Cabinets and Brackets.** Fire Extinguisher cabinets and brackets shall be provided when fire extinguishers are required by UFC 3-600-01 and NFPA 101. Placement of cabinets and brackets shall be in accordance with NFPA 10. Semi-recessed cabinets shall be provided in finished areas and brackets shall be provided in non-finished areas (such as utility rooms, storage rooms, shops, and vehicle bays). Fire extinguishers shall not be provided in this contract.

2) **Interior Wall and Ceiling Finishes.** Interior wall and ceiling finishes and movable partitions shall conform to the requirements of UFC 3-600-01 and NFPA 101.

3) Server rooms and other portions of the facility which house MISSION CRITICAL electronic equipment installations (as defined in section 6-8 of UFC 3-600-01), shall be separated from surrounding occupancies by fire-resistance rated construction in accordance with NFPA 75.

3.14. SEE PARAGRAPH 6.14 SUSTAINABLE DESIGN – NOT USED

3.15. SEE PARAGRAPH 6.15 ENVIRONMENTAL – NOT USED

3.16. SEE PARAGRAPH 6.16 PERMITS – NOT USED

3.17. SEE PARAGRAPH 6.17 DEMOLITION – NOT USED

3.18. SEE PARAGRAPH 6.18 ADDITIONAL FACILITIES – NOT USED

3.19. EQUIPMENT AND FURNITURE REQUIREMENTS

A. **GENERAL:** All electrical hook-ups, data outlets, structural support, wall brackets and additional infrastructure as required to support the GFGI equipment listed below shall be provided.

3.19.1. FURNISHINGS

A. **FURNISHINGS:** The criteria contained in Table 3.19.1.B (following page) describe the furnishing requirements for all room types for these facilities. Furnishings, other than installed equipment, are to be Government furnished and Government installed (GFGI) unless otherwise specified in this document. All computers and related hardware, copiers, faxes, printers, video projectors, VCRs and TVs and other items

Comment [sdn27]: RFP Preparer should contact using activity for a detailed, descriptive and quantifiable list of equipment. The list shall also be coordinated with the Facility Design Criteria Manual developed by USAISEC for each unique facility.

indicated in the Equipment List above are GFGL. The following furnishings list is provided for coordination of room and office layouts to ensure suitability for their intended function. Large interior spaces such as open office areas can be subdivided into smaller areas by using office partitions, storage units and file cabinets or similar devices. In general, the interior design shall provide a comfortable, efficient and flexible work environment. The Room Furnishings Chart on the following pages provides typical furnishings associated with each category of space in the facility program.

B. ROOM FURNISHINGS CHART

Table 3.19.1.B Room Furnishings Chart

| Room Type | Description | Min. SF | Comments | Furniture Description |
|-------------------------|------------------------------------|---------|------------------|--|
| CG | Ops Area CG Jump Station | 36 | OPEN WORKSTATION | General-purpose workstation. |
| DS | Special Use Ops Area Shift Console | 16 | WORK COUNTER | Walk-up work counter. |
| P1 | Senior Executive Office | 400 | PRIVATE OFFICE | U-shaped desk unit with executive single pedestal desk w/ center drawer, box/box/file pedestal, full modesty panel; executive bridge 42" min.; credenza unit w/ two drawer lateral file and hutch unit w/ door storage, one wardrobe cabinet, one 5-shelf bookcase, one 4-drawer lateral file, one conference table, eight conference chairs, two guest chairs, one executive chair. |
| P2, A2 | Executive Office | 300 | PRIVATE OFFICE | U-shaped desk unit with executive single pedestal desk w/ center drawer, box/box/file pedestal, full modesty panel; executive bridge 42" min.; credenza unit w/ two drawer lateral file and hutch unit w/ door storage, one wardrobe cabinet, one 5-shelf bookcase, one 4-drawer lateral file, one conference table, four conference chairs, two guest chairs, one executive chair. |
| P3, S3, N3, A3 | Executive Office (small) | 200 | PRIVATE OFFICE | U-shaped desk unit with executive single pedestal desk w/ center drawer, box/box/file pedestal, full modesty panel; executive bridge 42" min.; credenza unit w/ two drawer lateral file and hutch unit w/ door storage, one 5-shelf bookcase, one 4-drawer lateral file, two guest chairs, one executive chair. |
| P4, S4, N4, A4 | Office | 150 | PRIVATE OFFICE | L-shaped executive desk unit with single pedestal desk w/ center drawer and storage pedestal w/ box/box/file configuration, full modesty panel; executive return (min. 42") with storage pedestal file/file configuration and hutch unit w/ door storage, one 4-drawer lateral file, two guest chairs, one task chair. |
| P5, S5, N5, A5 | Office (small) | 110 | PRIVATE OFFICE | L-shaped executive desk unit with single pedestal desk w/ center drawer and storage pedestal w/ box/box/file configuration, full modesty panel; executive return (min. 42") with storage pedestal file/file configuration and hutch unit w/ door storage, one 4-drawer lateral file, one guest chair, one task chair. |

Table 3.19.1.B Room Furnishings Chart

| Room Type | Description | Min. SF | Comments | Furniture Description |
|------------------------|--|--|---|---|
| P6 | Visiting GO Office | 300 | PRIVATE OFFICE | U-shaped desk unit with executive single pedestal desk w/ center drawer, box/box/file pedestal, full modesty panel; executive bridge 42" min.; credenza unit w/ two drawer lateral file and hutch unit w/ door storage, one wardrobe cabinet, one 5-shelf bookcase, one 4-drawer lateral file, one conference table, four conference chairs, two guest chairs, one executive chair. |
| OR, SO, NS, A | Open Workstation (Regular) | <C2F_A COM_N OT>48</ C2F_AC OM_NO T><C2F _ACOM >64</C2 F_ACO M> | OPEN WORKSTATION | Systems furniture workstation with work surfaces, file drawers and overhead storage. Min. <C2F_ACOM_NOT>36</C2F_ACOM_NOT><C2F_AC OM>48</C2F_ACOM> SF filing space. |
| <C2F UPPE R>CC | Command Conference Room (Only for EAC) | 1600 | 60 PN COMMAND CONFERENCE/VTC ROOM | Conference Table with 25 conference chairs and 35 side chairs. (4) Buffet Credenzas. .<C2F_UPPER> |
| EC | Executive Conference Room | 805 | EXECUTIVE CONFERENCE / VTC ROOM | Conference Table with 15 conference chairs and 20 side chairs. (2) Buffet Credenzas. |
| CB | Command/Briefing Room | 2250 | 150 PN CONFERENCE ROOM / BRIEFING / VTC ROOM | Executive Training Tables w/ 54 conference chairs and 92 side chairs. |
| CL | Conference Room | 805 | 35 PN VTC CONFERENCE ROOM | Conference Table with 15 conference chairs and 20 side chairs. (2) Buffet Credenzas. |
| CM | Conference Room | 572 | 24 PN CONFERENCE ROOM | Conference Table with 16 conference chairs and 8 side chairs. (1) Buffet Credenza. |
| CS | Conference Room | 255 | 12 PN CONFERENCE / VTC ROOM | Conference Table with 8 conference chairs and 4 side chairs. (1) Buffet Credenza. |
| BR | Break Room | 108 | BREAK ROOM | Contractor furnished, contractor installed minimum 20 LF base and wall cabinets, dishwasher and space for a full size refrigerator with ice-maker. (2) Break room tables, and (8) chairs. Provide one 4'-0" X 6'-0" wall mounted bulletin board. |

Table 3.19.1.B Room Furnishings Chart

| Room Type | Description | Min. SF | Comments | Furniture Description |
|--|---------------------------------------|----------------------------|--|---|
| CE | Entry Lobby/ Screening | VARIABLES UP TO 2000 | SCREENING/ LOBBY | Metal detectors Systems furniture open office area / pass issue desk, approximately 96SF, for two staff members |
| CT | Command Toilet | 54 | COMMAND TOILET | Contractor furnished, contractor installed lavatory, water closet, and shower. |
| DC | Distribution Room / Message Center | 250 | | Provide 24" deep, 36" high counter equivalent to the length of the room. |
| FC | Files | 88 | FILE ROOM | 40 linear feet of file space Minimum of 40 linear feet of 4-drawer lateral file cabinet; ((1) 36"w, 4-drawer file cabinet = 12 LF). |
| KT | Kitchenette | 96 | ONE PER COMMAND SUITE AND ONE PER COMMAND BRIEFING ROOM | Contractor furnished, contractor installed minimum 20 LF base and wall cabinets (lockable), dishwasher. Provide space for a full size refrigerator with ice-maker, microwave, and two vending machines (not in the contract). |
| PC | Printer/Copier | 96 | PRINTER/COPIER | Contractor furnished, contractor installed minimum 8 LF base and wall cabinets to accommodate laser printer, fax machine, and supply storage. |
| RA | Reception | 250 | RECEPTION AREA FOR COMMAND/GO SUITE | Individual systems furniture executive open office areas, approximately 48SF each, for seven staff members and minimum 4 lounge chairs and 1 side table. |
| ST | General Purpose Storage Room | 96 | SUPPLIES/STORAGE ROOM | (1) 6-shelf steel shelving unit measuring approximately 48" W X 16" D X 72" tall for every 20 SF of storage room space. |
| TE | Team Room | VARIABLES | 8 PN TEAM ROOM | Conference Table with 8 conference chairs and 4 side chairs. |
| | | | 6 PN TEAM ROOM | Conference Table with 6 conference chairs. |
| SC | Service Concessions | 1500 | BARBER SHOP AND OTHER CONCESSIONS (ACOMs ONLY) | None. |
| <C2F / NSTAL LATIO N_NOT >PR | Prayer Room | 120 | ONLY AT C2F NOT ON A MILITARY INSTALLATION | Small, square table with 4 chairs.</C2F_INSTALLATION_NOT> |

Table 3.19.1.B Room Furnishings Chart

| Room Type | Description | Min. SF | Comments | Furniture Description |
|--------------------------|--|---------|--|--|
| SP | Senior Leadership Planning Room | 500 | 18 PN ROOM | Modular Conference Tables with 18 conference chairs and (2) Buffet Credenza. |
| OP | OC Planning Room | 500 | 20 PN ROOM | Modular Conference Tables with 20 chairs and (2) Buffet Credenza. SAR Room: Modular Conference Tables with 12 conference chairs. |
| OC | OC | VARIES | COLLABORATIVE WOK AREA SIMILAR TO EMERGENCY OPERATIONS CENTER W/SMALLER ADJOINING MEETING/PLANNING ROOMS | 75 total systems furniture workstations, 30"D x 60"W, with 42"-48"H powered panels, with one mobile box/file pedestal with cushion, and task chair per workstation as indicated on standard floor plans. |
| <C2F_SCIF> SCIF | Sensitive Compartmented Information Facility | VARIES | OPEN OFFICE WITH MULTIPLE SMALLER COLLABORATIVE WORK AREAS, AND ONE PRIVATE OFFICE | 90-92 total systems furniture workstations, 30"D x 60"W, with 42"-48"H powered panels, with one mobile box/file pedestal with cushion, and task chair per workstation as indicated on standard floor plans. 8 total systems furniture workstations, approx. 48 SF, with work surfaces, file drawers and overhead storage as indicated on standard floor plans. 1 U-shaped desk unit with executive single pedestal desk w/ center drawer, box/box/file pedestal, full modesty panel; executive bridge 42" min.; credenza unit w/ two drawer lateral file and hutch unit w/ door storage, one 5-shelf bookcase, one 4-drawer lateral file, two guest chairs, one executive chair. 8 total heavy-duty steel shelving units, 24"D x 48"W each, and 4 workbenches located in Automated Information Systems room. Provide cell phone storage locker(s) to accommodate 100 individual phones adjacent to primary SCIF entry at corridor side.</C2F_SCIF> |
| <C2F_NOC> NOC | Network Operations Center | VARIES | OPEN OFFICE WITH WORKSTATIONS AND SERVER ROOM | 20 total systems furniture workstations, approx. 48 SF, with work surfaces, file drawers and overhead storage as indicated on standard floor plans. Space for GFGI communication racks, equipment, and 3 each workbenches in server room.</C2F_NOC> |
| <C2F_DT_CBT> DT / CBT | Distributed / Computer-Based Training Room | 572 | CLASSROOM TRAINING ROOM | Two (2) each six (6)-person stations.</C2F_DT_CBT> |
| FC | File Storage | 88 | FILE ROOM | File drawers |

Table 3.19.1.B Room Furnishings Chart

| Room Type | Description | Min. SF | Comments | Furniture Description |
|-----------|----------------|---------|----------------|---|
| LC | Lactation Room | 64 | LACTATION ROOM | One (1) chair, one (1) small table, base cabinet with counter top and sink, and space for a full-size refrigerator with icemaker. |

3.19.2. EQUIPMENT

A. EQUIPMENT IN CONFERENCE ROOMS

- 1) **<C2F_CONFSCREEN>**Projection Screen with projector (at least 72 inches wide).**</C2F_CONFSCREEN>**
- 2) **<C2F_CONFVCR>**VCR**</C2F_CONFVCR>**
- 3) **<C2F_CONFDVD>**DVD**</C2F_CONFDVD>**
- 4) **<C2F_CONFCONTROL>**Control console for integrated video system**</C2F_CONFCONTROL>**
- 5) **<C2F_CONFPODIUM>**Smart podium with control of video system.**</C2F_CONFPODIUM>**
- 6) **<C2F_CONFSMARTWHITE>**Smart white board that is integrated with video system.**</C2F_CONFSMARTWHITE>**
- 7) **<C2F_CONFPA>**PA System with hardwired microphones.**</C2F_CONFPA>**
- 8) **<C2F_CONFADJLIGHT>**Adjustable lighting levels.**</C2F_CONFADJLIGHT>**
- 9) **<C2F_CONFVTC>**Video conference secure and non-secure VTC capabilities.**</C2F_CONFVTC>**
- 10) **<C2F_CONFWHITE>**White boards and map rails.**</C2F_CONFWHITE>**
- 11) **<C2F_CONFSHADES>**Electrically controlled shades**</C2F_CONFSHADES>**
- 12) «C2F_CONFERENCE_ROOM_ADD»

B. EQUIPMENT IN MULTI-PURPOSE ROOMS, PLANNING ROOMS, SCIF OFFICES AND SMALL OPEN OFFICES.

- 1) **<C2F_MULTIWWHITE>**White boards and map rails.**</C2F_MULTIWWHITE>**
- 2) «C2F_MULTIPURPOSEROOM_ADD»

C. EQUIPMENT IN SENIOR LEADERSHIP WAR ROOM.

- 1) **<C2F_WARSCREEN>**Projection Screen with projector (at least 72 inches wide).**</C2F_WARSCREEN>**
- 2) **<C2F_WARVCR>**VCR**</C2F_WARVCR>**
- 3) **<C2F_WARDVD>**DVD**</C2F_WARDVD>**
- 4) **<C2F_WARCONTROL>**Control console for integrated video system**</C2F_WARCONTROL>**
- 5) **<C2F_WARPODIUM>**Smart podium with control of video system.**</C2F_WARPODIUM>**
- 6) **<C2F_WARSMARTWHITE>**Smart white board that is integrated with video system.**</C2F_WARSMARTWHITE>**
- 7) **<C2F_WARPA>**PA System with hardwired microphones.**</C2F_WARPA>**
- 8) **<C2F_WARADJLIGHT>**Adjustable lighting levels.**</C2F_WARADJLIGHT>**
- 9) **<C2F_WARVTC>**Video conference secure and non-secure VTC capabilities.**</C2F_WARVTC>**

- 10) <C2F_WARNETWORK>Each station shall have connectivity to network phones, analog phones, secure and unsecured networks.</C2F_WARNETWORK>
- 11) <C2F_WARWHITE>White boards and map rails.</C2F_WARWHITE>
- 12) <C2F_WARSHADES>Electrically controlled shades</C2F_WARSHADES>
- 13) «C2F_WARROOM_ADD»

D. EQUIPMENT IN OC.

- 1) <C2F_OCVIDEO>Integrated video display wall using either rear projection cubes or narrow bezel LOC flat panels (Wall of Knowledge).</C2F_OCVIDEO>
- 2) <C2F_OCSCREEN>Large projection screen with projector.</C2F_OCSCREEN>
- 3) <C2F_OCVCR>VCR</C2F_OCVCR>
- 4) <C2F_OCDVD>DVD</C2F_OCDVD>
- 5) <C2F_OCCONTROL>Control console for integrated video system</C2F_OCCONTROL>
- 6) <C2F_OCPODIUM>Smart podium with control of video system.</C2F_OCPODIUM>
- 7) <C2F_OCSMARTWHITE>Smart white board that is integrated with video system.</C2F_OCSMARTWHITE>
- 8) <C2F_OCPA>PA System with hardwired microphones.</C2F_OCPA>
- 9) <C2F_OCADJLIGHT>Adjustable lighting levels.</C2F_OCADJLIGHT>
- 10) <C2F_OCVTC> Video conference secure and non-secure VTC capabilities.</C2F_OCVTC>
- 11) <C2F_OCNETWORK>Each station shall have connectivity to network phones, analog phones, secure and unsecured networks.</C2F_OCNETWORK>
- 12) <C2F_OCWHITE>White boards and map rails.</C2F_OCWHITE>
- 13) <C2F_OCSHADES>Electrically controlled shades</C2F_OCSHADES>
- 14) «C2F_OC_ADD»

E. EQUIPMENT IN THE NOC.

- 1) <C2F_NOCCAB>Cabinets to support the User's computer networks, video integration system, communication systems and other specialized electronic systems.</C2F_NOCCAB>
- 2) <C2F_NOCPROJ>Large-screen projectors and/or monitors/displays.</C2F_NOCPROJ>
- 3) «C2F_NOC_ADD»

F. EQUIPMENT IN THE BRIEFING ROOM.

- 1) <C2F_BRIEFSCREEN>Projection Screen with projector (at least 96" wide)</C2F_BRIEFSCREEN>
- 2) <C2F_BRIEFVCR>VCR</C2F_BRIEFVCR>
- 3) <C2F_BRIEFDVD>DVD</C2F_BRIEFDVD>
- 4) <C2F_BRIEFCONTROL>Control console for integrated video system.</C2F_BRIEFCONTROL>
- 5) <C2F_BRIEFPODIUM>Smart podium with control of video system.</C2F_BRIEFPODIUM>
- 6) <C2F_BRIEFSMARTWHITE>Smart white board that is integrated with video system.</C2F_BRIEFSMARTWHITE>
- 7) <C2F_BRIEFPA>PA System with hardwired microphones.</C2F_BRIEFPA>
- 8) <C2F_BRIEFADJLIGHT>Adjustable lighting levels</C2F_BRIEFADJLIGHT>
- 9) <C2F_BRIEFVTC>Video conference secure and non-secure VTC capabilities.</C2F_BRIEFVTC>
- 10) <C2F_BRIEFWHITE>White boards and map rails.</C2F_BRIEFWHITE>

- 11) <C2F_BRIEF SHADE>Electrically controlled shades </C2F_BRIEF SHADE>
- 12) «C2F_BRIEFINGROOM_ADD»

G. EQUIPMENT IN THE SCIF (JWICS SECURE VTC AREA).

- 1) <C2F_SCIFSCREEN>Projection screen with projector (at least 60 inches wide). </C2F_SCIFSCREEN>
- 2) <C2F_SCIFVCR>VCR </C2F_SCIFVCR>
- 3) <C2F_SCIFDVD>DVD </C2F_SCIFDVD>
- 4) <C2F_SCIFCONTROL>Control console for integrated video system. </C2F_SCIFCONTROL>
- 5) <C2F_SCIFPODIUM>Smart podium with control of video system. </C2F_SCIFPODIUM>
- 6) <C2F_SCIFSMARTWHITE>Smart white board that is integrated with video system. </C2F_SCIFSMARTWHITE>
- 7) <C2F_SCIFPA>PA system with hardwired microphones. </C2F_SCIFPA>
- 8) <C2F_SCIFADJLIGHT>Adjustable lighting levels. </C2F_SCIFADJLIGHT>
- 9) <C2F_SCIFVTC>Video conference secure and non-secure capabilities. </C2F_SCIFVTC>
- 10) <C2F_SCIFWHITE>White boards and map rails. </C2F_SCIFWHITE>
- 11) <C2F_SCIFSHADES>Electrically controlled shades (if there are exterior windows in the SCIF) </C2F_SCIFSHADES>
- 12) <C2F_STO_SHREDDER>1- Shredder, 120Volt/20A Dedicated Circuit (STO Office) </C2F_STO_SHREDDER>
- 13) <C2F_STO_COMMS>1 - Comms Equipment, 120Volt/20A Dedicated Circuit (STO Office) </C2F_STO_COMMS>
- 14) <C2F_STO_WORKSTATION>4 – Workstation, 120Volt/2A each (STO Office) </C2F_STO_WORKSTATION>
- 15) <C2F_STO_VTCoIP>1 –VTCoIP, 120Volt/0.33A (STO Office) </C2F_STO_VTCoIP>
- 16) <C2F_STO_VOIP>2 - VoIP Phone, 120Volt/0.12A each (STO Office) </C2F_STO_VOIP>
- 17) <C2F_STO_SCANNER>1 – Scanner, 120Volt/0.8A (STO Office) each </C2F_STO_SCANNER>
- 18) <C2F_STO_PRINTER>1 – Printer, 120Volt/7.2A (STO Office) </C2F_STO_PRINTER>
- 19) <C2F_STOVTC_WORKSTATION>1 - Workstation, 120Volt/2A (STO VTC Room) </C2F_STOVTC_WORKSTATION>
- 20) <C2F_STOVTC_VOIP>1 - VoIP Phone, 120Volt/0.12A (STO VTC Room) </C2F_STOVTC_VOIP>
- 21) <C2F_STOVTC_DISPLAY>1 - 46in Display VDT, 120Volt/2A (STO VTC Room) </C2F_STOVTC_DISPLAY>
- 22) «C2F_SCIF_ADD»

H. <C2F_AVCOMBINED_NOT>OMITTED </C2F_AVCOMBINED_NOT><C2F_AVCOMBINED>CENTRAL AUDIO VISUAL CONTROL ROOM

- 1) <C2F_AVCAB>Cabinets to support the User's computer networks, video integration system, communication systems and other specialized electronic systems. </C2F_AVCAB>
- 2) «C2F_AVCOMBINED_ADD» </C2F_AVCOMBINED>

I. <C2F_AVCOMBINED>OMITTED </C2F_AVCOMBINED><C2F_AVCOMBINED_NOT>AUDIO VISUAL CONTROL ROOMS

- 1) <C2F_AVCONTROL>Specialized video integration control systems require cabinet space (on average two 72-inch tall cabinets per VTC with an operations desk and space for mounting control monitors for each VTC. </C2F_AVCONTROL>

2) <C2F_AVCAB>Cabinets to support the User's computer networks, video integration system, communication systems and other specialized electronic systems.</C2F_AVCAB>

3) «C2F_AVCOMBINED_NOT_ADD»</C2F_AVCOMBINED_NOT>

J. <C2F_CLASS_NOT>OMITTED</C2F_CLASS_NOT><C2F_CLASS>CLASS ROOMS

1) The space requires two video projectors and two 10 ft wide motor operated projection screens. The instructor workstation and projection screens are located at the front of the room. An unobstructed view to the front of the room by all students is required. The instructor has digital access to each student computer. The instructor station has a computer, document camera, projector control, lighting and a sound system. Each student must have a networked computer on a desk. Rooms are generally square in plan and a wall at least 30 ft long is optimal. A communication rack is required for the Video Teletraining (VTT) function in each classroom.</C2F_CLASS>

3.20. FACILITY SPECIFIC REFERENCES: (NOT USED)

A. APPLICABLE INDUSTRY CRITERIA:

- 1) 10 CFR 436 Sub Part A Methodology and Procedures for Life Cycle Cost Analyses.
- 2) American National Standards Institute (ANSI/Telecommunications Industry Association (TIA/Electronic Industry Association (EIA)
 - a) ANSI/EIA/TIA 568A Commercial Building Telecommunications Cabling Standard and all applicable Addendums)
 - b) EIA/TIA 568-B Commercial Building Telecommunications Cabling Standards (Addendums 561-B.1, 568-B.2, 568-B.2-1)
 - c) ANSI/TIA/EIA 569-B, Commercial Building Standards for Telecommunications Pathways and Spaces
 - d) ANSI/TIA/EIA 569-B.1, Commercial Building Standards for Telecommunications Pathways & Spaces, Part 1 General Requirements
 - e) ANSI/TIA/EIA 569-B.2, Commercial Building Standards for Telecommunications Pathways & Spaces, Part 2 Balanced Twisted Pair Cabling Components
 - f) ANSI/TIA/EIA 569-B.3, Commercial Building Standards for Telecommunications Pathways & Spaces, Part 3 Optical Fiber Cabling Components
 - g) ANSI/EIA/TIA 606A Administration Standard for Commercial Telecommunications Infrastructure
 - h) ANSI/IESNA RP-1-04. American National Standard Practice for Office Lighting
- 3) ASHRAE
 - a) ASHRAE Underfloor Air Distribution (UFAD) Design Guide, 2003
 - b) ASHRAE 55 Thermal Environmental Conditions for Human Occupancy
 - c) ASHRAE Hdbk-IP Handbook, Refrigeration I-P Edition
 - d) ASHRAE Hdbk-IP Handbook, HVAC Applications I-P Edition
 - e) ASHRAE Hdbk-IP Handbook, HVAC Systems and Equipment I-P Edition
- 4) ASME B31.1 Power Piping
- 5) Clean Air Act Amendment of 1990
- 6) Costing for MILCON Design (March 1996)
- 7) Discount Factors for Life-Cycle Cost Analysis, Annual Supplement to NIST Handbook 135
- 8) DOE Guidance on Life Cycle cost Analysis Required by Executive Order 13123
- 9) Energy Star Program
- 10) Executive Order 12902: Energy Efficiency and Water Conservation at Federal Facilities

- 11) Executive Order 13123: Greening the Government through Efficient Energy Management
- 12) Federal Energy Management Program (FEMP)
- 13) IEEE Standard 519-1992, IEEE Recommended Practice and Requirements for Harmonic Control in Electrical Power Systems
- 14) Information Systems Facility Design Criteria (FDC) developed by USAISEC for <C2F_DIV>Division</C2F_DIV><C2F_CORPS>Corps</C2F_CORPS><C2F_NUMA>Numbered Army (#A)</C2F_NUMA><C2F_ACOM>Army Command (ACOM)</C2F_ACOM>
- 15) JAFAN 6/9 – Physical Security Standards for Special Access Program Facilities, 23 March 2004
- 16) Memorandum of Agreement (MOA) on Criteria/Standards for Economic Analyses/Life Cycle
- 17) NEMA PE 1 Uninterruptible Power Systems
- 18) NFPA 110 Emergency and Standby Power Systems
- 19) NIST Handbook 135 (with the annual supplement of discount factors)
- 20) Testing and Balancing Bureau
- 21) Unified Facilities Criteria UFC
 - a) UL 1008 Transfer Switch Equipment
 - b) UL 1440 Transient Voltage Surge Suppressors
 - c) UL 1778 Uninterruptible Power Systems
- 22) USAISEC Lightning Protection, Power Quality analysis, Grounding, Bonding, and Shielding, V1.0, Nov 2006, or latest version

B. APPLICABLE MILITARY CRITERIA:

- 1) Army Regulation (AR)
 - a) AR 190-51, Security of Unclassified Army Property (Sensitive and Nonsensitive)
 - b) AR 380-381 Special Access Programs (SAPS) and Sensitive Activities
 - c) AR 380-5, Information Security Program
 - d) AR 380-40 Policy For Safeguarding And Controlling Communications
- 2) Department of Defense (DOD)
 - a) DoD MIL-STD-188-124B, Grounding, Bonding, and Shielding for Common Long Haul/Tactical Communication Systems Including Ground Based Communications-Electronics Facilities and Equipments, Notice 3, 18 December 2000
 - b) DoD MIL-HDBK-419A, Grounding, Bonding, and Shielding for Electronic Equipments and Facilities, Volume 1, Theory, Volume II, Applications, 29 December 1987
 - c) DOD Unified Facilities Criteria Memorandum, 29 May 2002
 - d) DoD 5105.21-M-1 Sensitive Compartmented Information Administrative Security Manual
 - e) DoD Regulation 5200.1-R, Information Security Program, Appendix 7 – Physical Security for Vault and Secure Room Construction Standards
- 3) National Security Telecommunications and Information Systems Security (NSTISS)
 - a) NSTISSI NO 7003, National Security Telecommunications and Information Systems Security Instruction, Protected Distribution System (PDS).
 - b) NSTISSAM/2-95, National Security Telecommunications and Information Systems Security Advisory Memorandum, Red/Black Installation Guidance
- 4) MIL-HDBK-232A, Red/Black Engineering-Installation Guidelines

- 5) Military Standard (MIL-STD)-3007B, Standard Practice for Unified Facilities Criteria (UFC) and Unified Facilities Guide Specifications, 1 April 2002
- 6) Office of the Director of National Intelligence
 - a) Office of the Director of National Intelligence – Intelligence Community Directive Number 705 Sensitive Compartmented Information Facilities
 - b) Office of the Director of National Intelligence – Intelligence Community Standard (ICS) Number 705-1 Physical and Technical Security Standards for Sensitive Compartmented Information Facilities
 - c) Office of the Director of National Intelligence – Intelligence Community Standard (ICS) Number 705-2 Standards for the Accreditation and Reciprocal Use of Sensitive Compartmented Information
 - d) Office of the Director of National Intelligence – Technical Specifications for Construction and Management of Sensitive Compartmented Information Facilities IC Tech Spec–for ICD/ICS 705
- 7) SECURITY-- (COMSEC) MATERIAL
- 8) TB- 380-41 Procedures for Safeguarding, Accounting and Supply Control of COMSEC Material
- 9) Technical Manual (TM) 5-690 Grounding and Bonding in Command, Control, Communications, Computer, Intelligence, Surveillance, and Reconnaissance (C4ISR) Facilities, 15 February 2002
- 10) Unified Facilities Criteria UFC
 - a) UFC 3-260-01, Airfield and Heliport Design.UFC 3-580-01 Telecommunications Bldg Cabling Systems Planning/Design Manual 22 June 2007
 - b) UFC 4-140-03 Department Of The Army Facilities Standardization Program Command And Control Facilities And Other Army Headquarters Standard Design

C. GLOSSARY:

| COMMAND AND CONTROL FACILITIES and other ARMY HEADQUARTERS | |
|---|---|
| #A | Numbered Army |
| ACOM | Army Command (FORSCOM, etc.) |
| ACSIM | Assistant Chief of Staff for Installation Management. |
| ADAAG | Americans with Disabilities Act Accessibility Guidelines |
| ADN | Area Distribution Node |
| AMC | U. S. Army Materiel Command |
| AR-(10-8, etc.) | Army Regulation |
| Army Standard | The Army Standard for Echelons Above Brigade (EAB) Command and Control Facilities (C2F). Current edition is 12 March 2008. The Army Standard for Army headquarters is XX XXXXXX 2012. |
| ASCC | Army Service Component Command |
| ASHRAE | American Society of Heating, Refrigeration and Air Conditioning Engineers |
| ASME | American Society of Mechanical Engineers |
| AT/FP | Anti-Terrorism/ Force Protection |
| BN HQ | Battalion Headquarters |
| C2F | Command and Control Facility |
| C2IN | Command and Control Information |
| C4I | Command, Control, Communications, Computers and Intelligence |
| CA | Certification Authority |
| CATV | Cable Television |
| CBT | Computer-Based Training |
| CCTV | Closed-Circuit Television |
| CE-LCMC | Communication Electronics- Life Cycle Management Command |
| CESAS | U.S. Army Corps of Engineers, Savannah District |

| | |
|---------------------|---|
| Classroom XXI | A fully networked multimedia classroom with interoperable video tele-training, internet access, and full distance learning capability. The classroom is specified in the GIB and ACES GENERAL INSTRUCTION BUILDING (GIB) and ARMY CONTINUING EDUCATION SYSTEM (ACES) Standard Design Criteria authored by the U. S. Corps of Engineers, Norfolk District. |
| CMO | Civilian Military Operations, Command Management Office, Chief Medical Officer |
| COF | Company Operations Facility |
| COIC | Combined Operations and Intelligence Center |
| COS | Center of Standardization |
| CRAC | Computer Room Air Conditioning |
| DA | Department of the Army |
| DA PAM | Department of Army Pamphlet |
| DAA | Designated Approving Authority |
| DAC | Department of the Army Civilian |
| DAIM-FDC | Department of the Army, Assistant Chief of Staff for Installation Management, Construction Division. |
| DAIM-ZS | Department of the Army, Assistant Chief of Staff for Installation Management, Plans and Operations Directorate. |
| DAMO-CIR | Department of the Army, Assistant Chief of Staff for Installation Management, Resource Analysis and Integration. |
| DCI | Director of Central Intelligence |
| DDC | Direct Digital Control |
| DIA | Defense Intelligence Agency |
| DIA/DAC-2A2 | Defense Intelligence Agency/Directorate of Administration of Counterintelligence |
| DISA | Defense Information Systems Agency |
| DOIM | Directorate of Information Management |
| DRSN | Defense RED Switch Network |
| DRU | Direct Reporting Unit |
| DT/CBT | Distributed/Computer-Based Training Program |
| EAB | Echelons Above Brigade |
| EAC | Echelons Above Corps |
| EMI Bleed | Electromagnetic Interference (causing information to migrate). |
| EMT | Electrical Metallic Tubing |
| ER | Entrance (Communications) Room |
| ER-(1110-3-13 etc.) | Engineer Regulation (followed by number. Available at: http://www.usace.army.mil/publications/eng-regs/) |
| FACP | Fire Alarm Control Panel |
| FB-6 Fence | Fence utilizing green knitted fabric for visual screening. |
| FE-6 Fence | Fence detailed in U. S. Army Corps of Engineers Protective Design Center web site (https://pdc.usace.army.mil/library/drawings/fence) |
| FDC | Facility Design Criteria |
| FDT | Facility Design Team (for this C2F Standard Design) |
| FORSCOM | U. S. Army Forces Command |
| FY06, FY08, etc. | Fiscal Year |
| G-2, G-3, etc. | Designation of general staff sections within the C2F |
| GFGI | Government Furnished, Government Installed. |
| GP Briefing Room | General Purpose Briefing Room |
| gpm | Gallons Per Minute |

| | |
|--------------|---|
| HMMWV | High-Mobility Multi-Purpose Wheeled Vehicle. |
| HQDA-G3/5/7 | Headquarters, Dept. of the Army, G-3, G-5 and G-7 sections |
| IAW | In Accordance With |
| ICD | Intelligence Community Directive |
| ICS | Intelligence Community Standard |
| IT | Information Technology |
| ICIDS | Integrated Commercial Intrusion Detection System |
| IESNA | Illumination Engineering Society of North America |
| IEEE | Institute of Electrical and Electronics Engineers, Inc. |
| JAFAN 6/9 | Joint Army Force-Army-Navy Physical Security Standards for Special Access Program Facilities. |
| JFLC | Joint Force Land Component |
| JFLCC | Joint Force Land Component Command |
| JOA | Joint Operational Area |
| JTF | Joint Task Force |
| JWICS | Joint Worldwide Intelligence Communications System |
| LCCA | Life-Cycle Cost Analysis |
| LEED-NC | Leadership in Energy and Environmental Design. The LEED-NC Version 2.0 is the current Green Building Rating System. |
| LMOC | Logistics and Movement Operations Center |
| MNS | Mass Notification System |
| MILCON | Military Construction |
| MM Fiber | Multi-mode Fiber |
| MTOE | Modified Table of Organization and Equipment |
| NAC | Notification Appliance Circuits |
| NFPA | National Fire Protection Agency |
| NIC | Not In Contract |
| NIPR | Non-Classified Internet Protocol Router |
| NMT | Not More Than |
| NLT | Not Less Than |
| NOC | Network Operations Center |
| NSA | National Security Agency |
| NSF | Net Square Footage (area) |
| NSTISSAM | National Security Telecommunications and Information Systems Security Advisory Memorandum |
| NSTISSI | National Security Telecommunications and Information Systems Security Instruction |
| NSTS | National Secure Telephone System |
| NTE | Not To Exceed |
| OACSIM | Office of the Assistant Chief of Staff for Installation Management. |
| OC | Operations Center |
| ODNI | Office of the Director of National Intelligence |
| OPEN STORAGE | Storage of classified information within an accredited facility while the facility is occupied by unauthorized personnel. |
| OS&Y | Outside stem & yoke (a type of plumbing gate valve) |
| OTOE | Objective Table of Organization and Equipment |
| PAO | Public Affairs Office |
| PDS | Protective Distribution System |
| PIV | Pressure Indicator Valve |
| POV | Privately-owned vehicle |
| RCC | Regional Combat Commanders |
| RFP | Request for Proposal |

| | |
|-----------------------|---|
| RH | Relative humidity |
| SA | Secretary of the Army |
| SAP | Special Access Program. Construction Standards are specified in AR 25-2, AR 380-5, DODI 8500.2, NSTISSAM TEMPEST/2-95A, ICS 705-1, DCI Special Access Programs (SAP) Policy, and JAFAN 6/9. |
| SCIF | Sensitive Compartmented Information Facility. Construction Standards are specified in AR 25-2, AR 380-5, DODI 8500.2, NSTISSAM TEMPEST/2-95A and ICS 705-1. |
| SIPR | Secret Internet Protocol Router |
| SM Fiber | Single-Mode Fiber |
| SLC | Single Line Circuits |
| SOW | Scope of Work |
| STC | Sound transmission coefficient |
| STO | Special Technical Operations. Construction Standards are specified in AR 25-2, AR 380-5, DODI 8500.2, NSTISSAM TEMPEST/2-95A, ICS 705-1, DCI Special Access Programs (SAP) Policy, and JAFAN 6/9. |
| STP | Shielded Twisted Pair |
| SZ 1, SZ 2, etc. | Security Zone 1, 2, etc. |
| TDA | Table of Distribution and Allowance |
| TEMF | Tactical Equipment Maintenance Facility |
| TER | Telecommunications Equipment Room |
| TIA/EIA-(569-B, etc.) | Telecommunications Industry Association/Electronic Industries Alliance |
| TIB | Tactical Interface Box |
| TR | Telecommunications Room |
| TRADOC | U. S. Army Training and Doctrine Command |
| TS | TOP SECRET |
| TS/SCI | TOP SECRET /Sensitive Compartmented Information |
| TSVA | Tactical SCI Vehicle Area |
| UFAD | Underfloor Air Distribution |
| UFC | Unified Facilities Criteria |
| UPS | Un-interrupted Power Supply |
| USAISEC | U. S. Army Information Systems Engineering Command |
| USJFCOM | U. S. Joint Forces Command |
| UTP | Unshielded Twisted Pair |
| VAV | Variable air volume |
| VTC | Video tele-conferencing |
| VTP | Video tele-training |

COMMAND AND CONTROL
FACILITIES (C2F)
and OTHER ARMY
HEADQUARTERS (Army HQ)

STANDARD
DESIGN

ATTACHMENT A
Programming Support Information

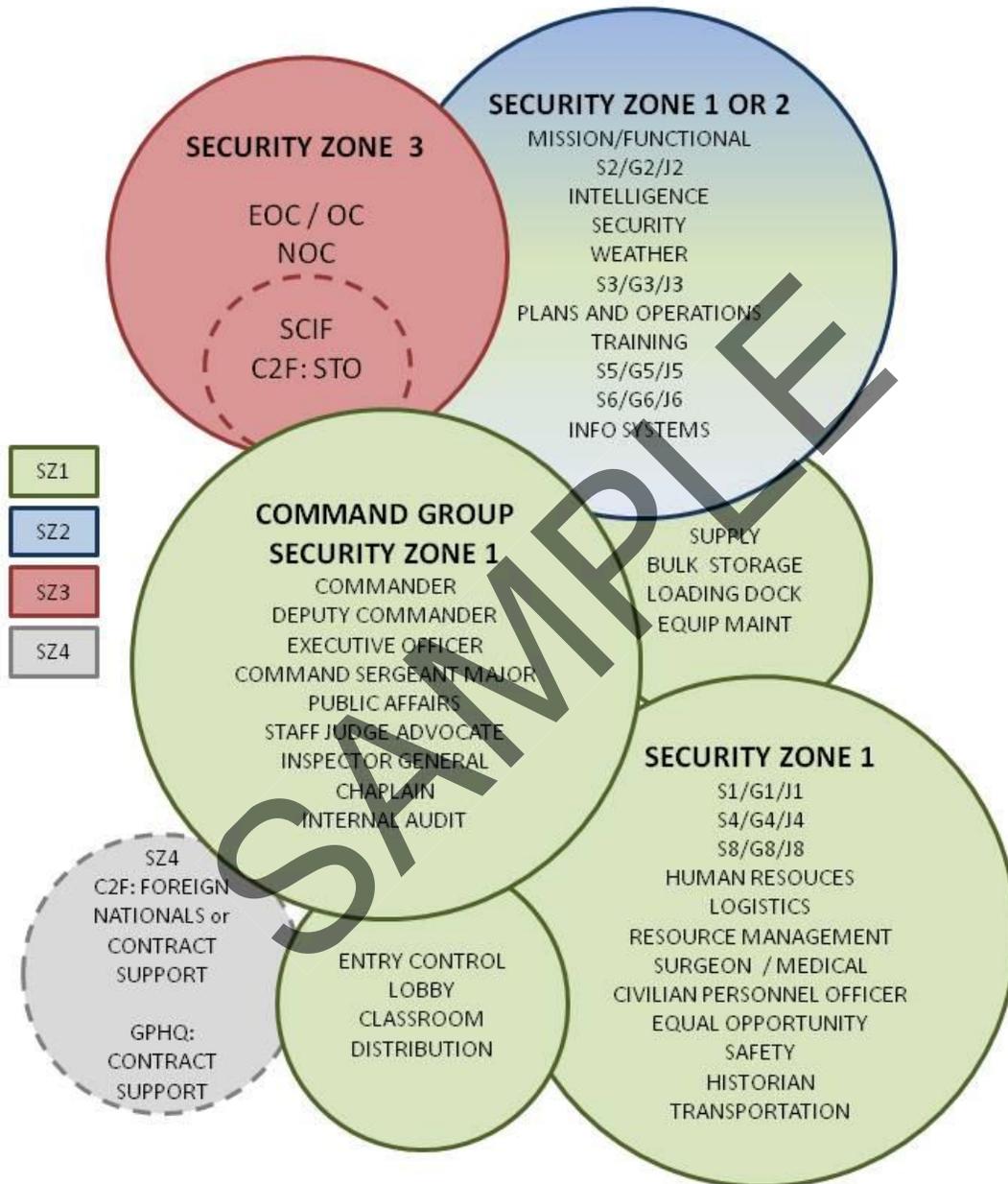
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30 March 2012

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Figure 1 Staff Relationships by Security Zone

Staff Relationships by Security Zone



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COMMAND AND CONTROL FACILITIES AND OTHER ARMY HEADQUARTERS - SPACE ALLOWANCE TABLES

Table 1.1 Space Sizing Table

The purpose of this table is to inform the individual programming the C2F or Army HQ how space and special spaces were calculated in the programs provided in the attachments. No more than [25%][15%] of the building can be devoted to collaborative workspaces (e.g. conference rooms, classrooms and team rooms). Note, for Admin space, the area shown in the NSF (Net Square Feet) column indicates the dedicated area for the function. The area in the Total NSF column indicates the maximum net area of the building allowed including internal work area module circulation to accommodate the function. AR 405-70 allocates open space to individuals other than those requiring private office spaces.

| TYPE | CODE | NAME | CAPACITY | NSF | CIRC RATE | CIRC SF | TOTAL NSF | C2F ADMIN Use Code | Army HQ ADMIN Use Code | EOC / OC Use Code | NOC Use Code | SCIF Use Code | BASIS |
|----------|------|----------------------------------|----------|-------|-----------|---------|-----------|--------------------|------------------------|-------------------|--------------|---------------|---|
| ADMIN | P1 | Private 01 | 1 | 400 | 25% | 100 | 500 | A | A | O | N | S | Commanders, deputy commanders, heads and deputies of directorates in grades O9 and O10. |
| ADMIN | P2 | Private 02 | 1 | 300 | 25% | 75 | 375 | A | A | O | N | S | Commanders, deputy commanders, heads and deputies of directorates and divisions in grades O7 and O8. SES and comparable positions. Deputies of positions in P1 category. Command sergeants major of positions in P1 and P2 categories. |
| ADMIN | P3 | Private 03 | 1 | 200 | 25% | 50 | 250 | A | A | O | N | S | Commanders in grade O6 and O5. Deputy commanders in grade O5. Division heads in grades O6 or GS 14-15 who require private offices. Branch heads in grades O6 or GS 14-15 who report to division heads in P2 category. Deputies of positions in P2 category who require private office. Personnel in grades GS-16 or O7 and above who require private office. |
| ADMIN | P4 | Private 04 | 1 | 150 | 25% | 38 | 188 | A | A | O | N | S | Commanders in grade O4 Division heads in grade GS-13 or O5 who require private offices Deputies of positions in P3 category who require private offices Branch heads in grades GS 13-15, O5, or O6 who report to division heads in category P3 and require private offices Personnel in grades GS 14-15 OR O6 and below who require private offices. Command sergeants major of positions in P3 category |
| ADMIN | P5 | Private 05 | 1 | 110 | 25% | 28 | 138 | A | A | O | N | S | Commanders in grade O3 Branch heads in grade GS-12, O4, and below who require private offices Personnel in grade GS-13, O5, and below who require private offices Staff sergeants major Unit first sergeants in grade E8 |
| ADMIN | OR | Open Regular | 1 | 48 | 100% | 48 | 96 | A | A | O | N | S | Position requires admin space but does not require a private office |
| ADMIN | OL | Open Large | 1 | 64 | 60% | 38 | 102 | A | | O | N | S | ACOM only, same as OR above |
| EOC / OC | CG | Ops area CG jump station | 1 | 36 | 50% | 18 | 54 | | | O | | | One per OC |
| EOC / OC | DS | Ops area shift console | 1 | 16 | 50% | 8 | 24 | | | O | | | NMT 70% of PN within special use operations area are seated in the OC. Provide at rate of 1:2 of total authorized PN by mission task or function |
| EOC / OC | LP | Senior leader planning room | 12 | 600 | 25% | 150 | 750 | | | O | | | One per C2F OC |
| EOC / OC | OP | OC planning room | 15 | 500 | 25% | 125 | 625 | | | O | | | NTE three per OC |
| EOC / OC | SA | Situational Awareness Room | 12 | 414 | 25% | 104 | 518 | | | O | | | One per C2F OC |
| MEETING | CL | 35 pers CONF/VTC | 35 | 805 | 25% | 201 | 1,006 | A | | O | N | S | One per directorate with 70 or more PN. Conference room capacity of directorate NTE 50% of authorized strength |
| MEETING | CLL | Classroom | | 1,600 | 25% | 400 | 2,000 | | | | | | NTE one per building |
| MEETING | CM | 24 PERS CONF/ VTC | 24 | 572 | 25% | 143 | 715 | A | A | O | N | S | One per division with 48 or more PN. Conference room capacity of division NTE 50% of authorized strength |
| MEETING | CS | 12 PERS CONF/ VTC | 12 | 255 | 25% | 64 | 319 | A | A | O | N | S | NMT one per directorate, division, or special staff equivalent with more than 24 PN |
| MEETING | CB | 150 PERS Briefing CONF / VTC | 150 | 2,250 | 25% | 563 | 2813 | A | | | | | One per C2F provided near building entrance |
| MEETING | HB | 50 PERS Briefing Room CONF / VTC | 50 | 1000 | 25% | 250 | 1250 | | A | | | | One per Army HQ |

SPACE ALLOWANCE TABLES

| TYPE | CODE | NAME | CAPACITY | NSF | CIRC RATE | CIRC SF | TOTAL NSF | C2F ADMIN Use Code | Army HQ ADMIN Use Code | EOC / OC Use Code | NOC Use Code | SCIF Use Code | BASIS |
|---------|------|--------------------------------|----------|-------|-----------|---------|-----------|--------------------|------------------------|-------------------|--------------|---------------|--|
| MEETING | EC | Executive CONF | 35 | 805 | 25% | 201 | 1,006 | A | | | | | One per command suite |
| MEETING | CC | Command CONF | 60 | 1,600 | 25% | 400 | 2,000 | A | | | | | One per command suite, ACOM only |
| SCIF | SP | SCIF Secure Planning Room | 20 | 500 | 25% | 125 | 625 | | | | | S | NTE two per SCIF |
| SCIF | SP | SCIF Secure Planning Room | 10 | 330 | 25% | 85 | 415 | | | | | S | NTE two per SCIF |
| SCIF | SS | SCIF temporary work space | 1 | 16 | 50% | 8 | 24 | | | | | S | Provide at a ratio of 1:25 PN authorized to work in a SCIF but not having their normal duty station within the SCIF. Provide at least one SCIF shift staff. |
| SCIF | SF | STO facility (C2F only) | 8 | 1,000 | 25% | 250 | 1,250 | | | | | S | NTE one per SCIF. |
| SCIF | AI | Automated information systems | | 480 | 25% | 120 | 600 | | | | | S | One per SCIF |
| SCIF | SO | SCIF security office | | 385 | 25% | 96 | 481 | | | | | S | One per SCIF |
| NOC | COM | COMSEC room | | 210 | 25% | 52 | 262 | | | | N | | One per NOC |
| SPECIAL | SR | Server room | | 600 | 25% | 150 | 750 | | | | | N S | Provide NLT two server rooms, NTE one within the SCIF to house G2/ SCIF-related equipment. Provide NLT one within the NOC to house equipment for the remainder of the building plus VTC equipment. Presence of additional server room space must be justified by the existence of equipment requiring space above what is provided in one server room. |
| SPECIAL | BR | Break | | 108 | 25% | 27 | 135 | A | A | O | N | S | Provide at ratio of 1:100 staff positions. Provide one consolidated break area for SZ3 outside of SZ3. Provide at least one break area on each floor |
| SPECIAL | LC | Lactation Room | 1 | 80 | 25% | 20 | 100 | A | A | | | | One per building |
| SPECIAL | DC | Distribution / Mail room | | 200 | 25% | 50 | 250 | A | A | | | | One per building |
| SPECIAL | CE | Ceremonial / Screening | | 2,000 | 25% | 500 | 2,500 | A | | | | | One per building |
| SPECIAL | CE | Lobby Area with Access Control | | 600 | 25% | 150 | 750 | | A | | | | One per building |
| SPECIAL | CT | CMD toilet | 1 | 108 | 25% | 27 | 135 | A | A | | | | One each for commanding general, deputy commanding general, command sergeant major, and executive officer. |
| SPECIAL | DT | Distrib/ PC-Based Training RM | 16 | 572 | 25% | 143 | 715 | A | A | | | | NTE one per building, Army HQ: TOEs only. |
| SPECIAL | FC | Files | | 88 | 25% | 22 | 110 | A | | O | N | S | 1:30 PN within open office space of a division work area. NTL 2 but NMT 4 for each special use operations area. Provide one additional for PAO, contracting, legal, and IG. 12 filing cabinets per area. |
| SPECIAL | KT | Kitchen (CMD GRP) | 1 | 96 | 25% | 24 | 120 | A | | | | | One per command suite. One per command briefing room; not provided for executive conference room |
| SPECIAL | P6 | Visiting GO office | 1 | 300 | 25% | 75 | 375 | A | | | | | One per command suite, ACOM only. |
| SPECIAL | PC | Printer/ Copier area | | 96 | 25% | 24 | 120 | A | | O | N | S | NLT one per division work area, NTE 96 NSF for every 25 PN. NLT one per special use operations area. |
| SPECIAL | RA | C2F Reception | 25 | 250 | 25% | 63 | 313 | A | | | | | One per command suite |
| SPECIAL | RA | Army HQ Reception | 10 | 100 | 25% | 25 | 125 | | A | | | | One per command suite |
| SPECIAL | PS | Public Restrooms/Showers | | | | | | | | | | | Provide ABA accessible restroom(s) on each floor for each sex. In a three-story building, this amounts to minimum of six restrooms: minimum of two on each floor. Each restroom requires one accessible shower. In addition to accessible showers, provide standard showers on first floor to fill out total number of required showers in ratio of 4:1, men : women. Provide a ratio of one (1) shower per 25 PPL or persons. |
| SPECIAL | ST | General purpose storage | | 96 | 25% | 24 | 120 | A | A | O | N | S | NTE 96 NSF for every 100 PN within open office space of a division work area. Not provided for work areas with fewer than 20 PN. NLT one GP storage area per special use operations area. |
| SPECIAL | TE | Team room | 8 | 120 | 25% | 30 | 150 | A | A | O | N | S | Provide at rate of 1:50 PN within open office space of a division work area. Authorized for a division with fewer than 24 people in lieu of conference room. |
| SPECIAL | WA | Waiting area | 4 | 200 | 25% | 50 | 250 | A | A | | | | Provide one each for commanding general, deputy commanding general, and chief of staff; provide one for reenlistment. |

**COMMAND AND CONTROL
FACILITIES (C2F)
and OTHER ARMY
HEADQUARTERS (Army HQ)**

**STANDARD
DESIGN**

**ATTACHMENT B
Space Program Development**

**UFC 4-140-03
30 March 2012**

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SAMPLE

- 1 **Purpose:** To provide procedures for developing a standard space program for organizations authorized an Army headquarters (Army HQ). This attachment refers to the activity for which a program is being developed hereafter as the using or supported activity. These procedures apply to space programs for C2F or for other organizations authorized these facility types that are not included in Attachments C – E.
- 2 **General Process:** The space program development process has 11 steps:
 - 2.1 Identify the supported population.
 - 2.2 Organize the supported population by directorate and division equivalent level.
 - 2.3 Identify organizational elements authorized special use space.
 - 2.4 Identify admin workspaces by type (private or open) for each individual on the approved personnel document.
 - 2.5 Identify special space allowances by directorate equivalent. In some cases, for very large organizations (1,000 or more) allowances by division may be appropriate. In other cases, for small directorates (fewer than 20 personnel) allowances, groups of compatible small directorates may be appropriate.
 - 2.6 Identify special use space requirements (SCIF, NOC, and OC).
 - 2.7 Identify mission space and add when applicable.
 - 2.8 Aggregate space by admin, special space, and special use space: SCIF, NOC, and OC, to determine total net area required.
 - 2.9 Apply approved support space factors (e.g., electrical, communications, building circulation and support factors, mechanical).
 - 2.10 Divide total gross area by total building population to determine GSF per person.
 - 2.11 Adjust special space allocations in steps 2.5 and 2.6 as needed to reduce total to 230 NSF per person.
- 3 **Definitions**
 - 3.1 **Space related definitions**
 - 3.1.1 Administrative work spaces are areas intended to provide a *private office* or *cubicle (open office)*. They serve as a primary workplace for managers, supervisors, analysts, administrative specialists, instructors and others whose duties require a desk, or similar workstation, with a computer, working files, desk-side printers and / or other peripherals. Administrative workspaces may be located in any security zone. Administrative workspaces in special use areas are included in the calculation of special use spaces when authorized, and not reflected in the total administrative workspace.
 - 3.1.2 Special space, as defined in AR 405-70, includes meeting and collaborative spaces and work support spaces. Meeting and collaborative spaces are areas intended to support meetings, video teleconferences and other collaborative activities. Work support spaces are areas that provide space for files, printers / copiers, break, organizational equipment, storage and supplies. Depending on the size of the organization, they may be distinct areas or rooms or dispersed areas within occupied spaces.
 - 3.1.3 Special use spaces are workspaces and work support areas that are required to conduct operations in restricted areas. They may include an emergency operations center (OC), a sensitive compartmented information facility (SCIF) and a network operations center (NOC) and their associated functional areas.

- 3.1.4 Mission spaces are functional areas other than those in paragraph 3.1.1 – 3.1.3 that an organization requires to perform specific missions. These spaces have characteristics and attributes that contribute directly to the unique functions associated with a facility category other than that of the C2F or Army HQ itself. Mission functional areas are normally distinct workspaces or work support areas in which the intended users carry out specific, mission-related activities. Examples include, in the case of an Army HQ, classroom space in an Army school, or laboratory space in a research lab. They are included in the net area of a building.
- 3.2 **Personnel related definitions.** One factor related to space management is the definition of who receives private office space. The level of an individual within an organization directly affects decisions concerning who may have a private office. Authorization documents use different terms for positions otherwise equivalent. The following definitions apply in space planning without regard to the position title in a TDA or TOE.
- 3.2.1 Director Equivalent Position: Director equivalent position is a position in a headquarters with a general officer or civilian equivalent commander or director that reports directly to the commander, the chief of staff, or an equivalent position, or an individual in a TDA organization commanded by an O6 who reports to the commander.
- 3.2.2 Division Equivalent Position: Division equivalent position is a position in a TDA headquarters that reports to a director equivalent position as defined above.
- 3.2.3 Branch Equivalent Position: Branch equivalent position is a position in a TDA headquarters that reports to a division equivalent position as defined above.
- 4 **Develop the Space Program** (*use of MS-Excel, MS-Access or similar is recommended for this process*)
- 4.1 **Identify the supported population.** This step requires interaction with the supported activity and may involve interaction with the parent organization or proponent over the using activity. Interviews with the supported activity may help validate data and produce a greater understanding of the organization and their requirements.
- 4.1.1 Obtain personnel authorization document or documents of the using activity. Sources of information are the Army Stationing and Installation Plan (ASIP), FMS Web or the activity itself. There may be multiple personnel authorization documents that need to be merged.
- 4.1.2 Obtain at least three years of records from organizations that customarily or habitually employ interns, temp-hires, or budget-based staffing (three continuous years). Merge final calculations with authorized personnel documents.
- 4.1.2.1 From the monthly number of hires over the three-year period, calculate the nominal average for the number of interns, temp-hires, or budget-based staff. The number of workstations is 35% of the nominal average.
- 4.1.2.2 If only two years of records, calculate the nominal average for the number of interns, temp-hires, or budget-based staff. The number of workstations is 25% of the nominal average.
- 4.1.2.3 Include this calculated number of workstations with the number of authorized personnel for final calculations in the appropriate workspace (i.e., admin in admin workspace, lab in lab workspace, and similar.)
- 4.1.3 Identify planned activity changes in personnel strength, organization, or mission by

interview and verify through the supported activity's higher headquarters.

- 4.1.4 Identify activities or elements affiliated with the using activity and require space in the building. Examples include other service, DoD, or foreign liaisons.
- 4.1.5 Identify elements of the supported activity that are not collocated with the proposed Army HQ, and elements that by mission or function require specialized workspace (e.g., laboratory, general instruction building).

4.2 Organize the supported population by directorate and division equivalent level.

- 4.2.1 If there are more than one authorization documents associated with the using activity or activities, combine them into a consolidated document.
- 4.2.2 Using the definitions in 3.2 above, identify distinct staff elements (directorates, divisions, and branches). Identify all personnel authorizations that operate as part of a single director equivalent regardless of the authorization document on which the position is listed.
- 4.2.3 Insert approved positions not included on an authorization document into the directorate equivalent with which they are associated.

4.3 Identify organizational elements authorized special use space.

- 4.3.1 Identify intelligence related functions that require a SCIF, if any (remarks code SS in personnel documents, a position labeled "SSO" for special security officer, or reference to "JWICS" may be indicators). Flag positions associated with these functions for exclusion from steps 4.4 and 4.5 and calculate requirements in step 4.6
- 4.3.2 Identify operational functions that require an Operations Center, if any (division or branch labeled "current operations" or positions labeled watch or duty officer may be indicators). Flag positions associated with these functions for exclusion from steps 4.4 and 4.5 and calculate requirements in step 4.6.
- 4.3.3 Identify communications, network, or information systems functions requiring a network operations center, if any (division or branches labeled network operations, database administration may be indicators). Flag positions associated with these functions for exclusion from steps 4.4 and 4.5 and calculate requirements in step 4.6.

4.4 Identify admin workspaces by type for each individual (private or open), authorized admin workspace. Assign each position that requires an admin workspace a type of space based on the following guidelines. Repeat this procedure for personnel identified in paragraph 4.3 to determine the workspaces within security zone 3.

4.4.1 **Determine Private Office Space Requirements:** Private offices are enclosed occupied spaces appropriate for use as a single workstation. Provide private offices for director equivalent positions and for their senior enlisted advisor, deputy directors, one position for the human resources professional at the director level, if present, and division chiefs. Branch chiefs who supervise 10 or more individuals are eligible for a private office as long as the organization does not exceed overall caps on net area. Private offices are also normally appropriate for attorneys; chaplains; reenlistment counselors; Equal Opportunity (EO) / Equal Employment Opportunity (EEO) staff, inspectors on the staff of the Inspector General (IG) and internal review. Private offices may also be appropriate for staff positions that involve recurring discussions of potentially sensitive personal information. The standard defines directors as individuals who report directly to the commander or the chief of staff. Division chiefs are individuals who report to a director. Branch chiefs are individuals who report to a division chief. These definitions take precedence over the position name in the authorizing TDA or other authorization document for the purpose of assigning private office space.

4.4.2 **Determine Open Office Space Requirements.** By default, provide open office

space to individuals who require a desk to perform their assigned duties unless they meet the criteria in paragraph 4.4.1 of this attachment. The default cubicle is 6 FT x 8 FT with a 100 percent circulation factor (96 NSF). Adjust cubicle size when special circumstances justify a larger space. Examples include analysts or similar positions that require multiple computer workstations and monitors, customer service staff that require desk side meeting areas, engineers or other staff that require room to work with maps and files at their workstations and other similar situations.

- 4.4.3 **Assign each position requiring admin space a type work space type** based on Table 1. List the base, circulation and total in separate columns to facilitate developing the program summary.

Table 1: Admin Work Space

| WORK STATION SPACE ALLOCATION | | | | | | |
|-------------------------------|------------|----------|-----------|---------|-----------|---|
| CODE | TYPE | BASE NSF | CIRC RATE | CIRC SF | TOTAL NSF | BASIS |
| P1 | Private 01 | 400 | 25% | 100 | 500 | Commanders, deputy commanders, heads and deputies of directorates in grades O9 and O10. |
| P2 | Private 02 | 300 | 25% | 75 | 375 | Commanders, deputy commanders, heads and deputies of directorates and divisions in grades O7 and O8. SES and comparable positions. Deputies of positions in P1 category. Command sergeants major of positions in P1 and P2 categories. |
| P3 | Private 03 | 200 | 25% | 50 | 250 | Commanders in grade O6 and O5. Deputy commanders in grade O5. Division heads in grades O6 or GS 14-15 who require private offices. Branch heads in grades O6 or GS 14-15 who report to division heads in P2 category. Deputies of positions in P2 category who require private office. Personnel in grades GS-16 or O7 and above who require private office. |
| P4 | Private 04 | 150 | 25% | 38 | 188 | Commanders in grade O4 Division heads in grade GS-13 or O5 who require private offices Deputies of positions in P3 category who require private offices Branch heads in grades GS 13-15, O5, or O6 who report to division heads in category P3 and require private offices Personnel in grades GS 14-15 OR O6 and below who require private offices. Command sergeants major of positions in P3 category |

SPACE PROGRAM DEVELOPMENT

| WORK STATION SPACE ALLOCATION | | | | | | |
|--------------------------------------|-------------------|----------|-----------|---------|-----------|--|
| CODE | TYPE | BASE NSF | CIRC RATE | CIRC SF | TOTAL NSF | BASIS |
| P5 | Private 05 | 110 | 25% | 28 | 138 | Commanders in grade O3 |
| | | | | | | Branch heads in grade GS-12, O4, and below who require private offices |
| | | | | | | Personnel in grade GS-13, O5, and below who require private offices |
| | | | | | | Staff sergeants major |
| | | | | | | Unit first sergeants in grade E8 |
| OR | Open Regular | 48 | 100 % | 48 | 96 | Position requires admin space but does not require a private office |
| S3 | SCIF Private 03 | 200 | 25% | 50 | 250 | Private office located in SCIF, same as P3 above |
| S4 | SCIF Private 04 | 150 | 25% | 38 | 188 | Private office located in SCIF, same as P4 above |
| S5 | SCIF Private 05 | 110 | 25% | 28 | 138 | Private office located in SCIF, same as P5 above |
| SR | SCIF Open Regular | 48 | 100 % | 48 | 96 | Position is authorized workspace within SCIF, space allowance duplication not authorized |
| N3 | NOC Private 03 | 200 | 25% | 50 | 250 | Private office located in NOC, same as P3 above |
| N4 | NOC Private 04 | 150 | 25% | 38 | 188 | Private office located in NOC, same as P4 above |
| N5 | NOC Private 05 | 110 | 25% | 28 | 138 | Private office located in NOC, same as P5 above |
| NR | NOC Open Regular | 48 | 100 % | 48 | 96 | Position located in NOC, space allowance duplication not authorized |
| A2 | OC Private 02 | 300 | 25% | 75 | 375 | Private office located in AAOC, same as P2 above |
| A3 | OC Private 03 | 200 | 25% | 50 | 250 | Private office located in AAOC, same as P3 above |
| A4 | OC Private 04 | 150 | 25% | 38 | 188 | Private office located in AAOC, same as P4 above |
| A5 | OC Private 05 | 110 | 25% | 28 | 138 | Private office located in AAOC, same as P5 above |
| AR | OC Open Regular | 48 | 100 % | 48 | 96 | Position located in AAOC, space allowance duplication not authorized |
| AL | OC Open Large | 64 | 60% | 38 | 102 | ACOM only, same as AR above |

4.5 **Identify special space allowances by directorate equivalent.** In some cases, for very large organizations (1,000 or more), calculating allowances by division may be appropriate. In other cases, for small directorates (fewer than 20 personnel), calculating allowances with adjacent groups of directorates may be appropriate. Special space includes space for files, printers / copiers, break, organizational equipment, directorate or division storage and supplies. It also includes space such as the entry control lobby, distribution space and distributed learning.

4.5.1 Using the information in Table 2, evaluate each directorate for special space using the total number of personnel authorized minus personnel identified in step 4.3.

4.5.2 If a spreadsheet format is used, insert a line for each allowed special space by type and quantity following the listing of directorate personnel.

4.5.3 A general description of each type of special space follows:

4.5.3.1 **Conference Rooms:** Conference rooms are collaborative spaces that provide areas for meetings, internal training, and video teleconferences. Base the size of conference rooms on the required capacity. Base the requirements on organizational structure. However, position and assign conference rooms in a way that promotes shared use when possible.

Provide dedicated conference rooms only when there is a strong justification. Command elements, contracting activities that conduct bidder debriefings for private companies, public affairs offices, inspectors general, and internal review are examples of activities that may warrant a dedicated conference room.

- 4.5.3.2 **A team room** is a collaborative space general functional area. It should be an austere enclosed space within an open office area. It may be either a hard walled room or an enclosed modular-walled room. It provides a space for impromptu internal collaboration, counseling, and other activities that require privacy or sound separation. It should provide space for up to eight people around a small table. Provide not more than 120 NSF plus circulation for this space.
- 4.5.3.3 **A break area** is an area where individuals may prepare beverages, store and heat food, and obtain items from vending machines. Break areas normally do not provide seating. For a secure area, such as Security Zone 3 (SZ3) provide the break area immediately adjacent to, but outside, the secure area. Use the combined staffing of the largest shift of permanent staff to determine the size. Provide seating capacity for up to 25% of the largest shift, not to exceed 15 seats.
- 4.5.3.4 **A lactation room** is a room where nursing mothers retreat to a quiet, closed area to collect expressed milk. A typical pumping session includes changing clothes, sitting at a desk in front of a pump for 15 to 30 minutes, placing milk in storage bottles, washing bottles and pump parts and packing them away until the next pumping session, and redressing and returning to work. At the end of the session, the pumped milk must be stored in a refrigerator or cooler. Other considerations for lactation rooms, or mothers' rooms, include the need for actual and perceived privacy. Pumps can be noisy so sound dampening is important to achieve auditory comfort in and around the space. Walls, doors, and locks must be substantial and provide a good sense of security.
- 4.5.3.5 **Assembly spaces** are areas near the main entrance to a building that facilitate access control and can accommodate small ceremonial gatherings such as promotion and award ceremonies or receptions. This type of space is distinct from large meeting rooms because it does not provide seating and cannot readily accommodate meetings or conferences. These areas are frequently open multi-story spaces or atriums. Base the size and capacity of assembly areas on the total capacity of the building. As a planning factor, allow 2,000 NSF for buildings with a capacity of 2,000 PN or more. For smaller buildings, allow 500 NSF plus one (1) NSF per person over 500 PN, rounded up in increments of 25 NSF. For buildings with a capacity of more than 2,500 PN, add one (1) NSF per person over 2,500 PN, rounded up in increments of 25 NSF. Do not confuse this space with vestibules or foyers, which are support functional areas that provide a transition between exterior spaces and interior spaces for limiting infiltration of heat or cold into conditioned spaces.
- 4.5.3.6 **A Distributed Training / Computer-Based Training (DT / CBT) room** is a dedicated computer-enabled digital training room. Provide one room for organizations with more than 500 PN authorized if the organization has training requirements and does not meet the criteria for facilities in facility category 17119, 17120, or 17136. Provide a maximum of two (2) six (6)-person stations equipped with Classroom XXI Technology for Soldier skills or

small group training. The workstations require linkage with training and knowledge centers across the Global Information Grid (GIG). The DT / CBT Room shall not exceed 572 NSF. Report DT / CBT rooms using the same category code as their parent admin space.

- 4.5.3.7 **A distribution room** is a general functional area that provides a central location for processing incoming and outgoing correspondence, staff papers, packages, and other similar items. Echelons Above Corps (EAC) level have a base allowance of 260 NSF. Other organizations have a base allowance of 200 NSF. If the distribution room has a full-time staff, provide one regular open office space of 96 NSF for each full-time worker. Exclude these personnel positions from calculations for other admin workspaces. This room is not a postal facility unless the using activity or facility has been designated as an alternate postal facility.
- 4.5.3.8 **File storage areas** are a general functional area for shared or organizational files. The allowances for occupied areas include individual files. The file storage area will normally be part of the open office area rather than a separate room, unless security considerations apply. Adjust the requirement upwards for organizations that have a mission to retain records for extended periods. An example of this is a contracting organization, which has both large files and the need to keep files for a long period of time, or Corps of Engineers districts that maintain maps, plans and other engineering documents. Reduce the requirement for organizations that do not have the number of files per capita as the basis of allowance assumes.
- 4.5.3.9 **General-purpose storage rooms** refer to the space an activity needs to store routine administrative supplies, spare parts for computers and peripherals, shared small hand tools and devices and consumables. General-purpose storage is associated with the people and functions in the supported general functional area. Provide space in a lockable room. Storage for authorized organizational items or specialized mission related equipment is additive to this storage function.
- 4.5.3.10 **Printer / copier spaces** are general functional areas that provide shared printers and copiers and associated functions. Associated functions include, but are not limited to scanners, paper punches, binding equipment, and shredders. The printer / copier area may be part of the open office area rather than a separate room, unless security considerations apply.
- 4.5.3.11 Allow **reception areas** based on position and function. Commanders, heads of directorates, offices, bureaus, agencies, and comparable positions in Grades O7–O10 and SES, are authorized reception areas. Research laboratories, test and evaluation facilities, contracting activities and organizations that have frequent interactions with commercial or private sector agencies or individuals often require space for visitors for security or confidentiality reasons.

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SAMPLE

Table 2: Special and Special Use Space Allowances

The purpose of this table is to inform the individual programming the Army HQ how special spaces are calculated in the preparing space. No more than 25% of the building can be devoted to collaborative workspaces (e.g. conference rooms, classrooms and team rooms).

| TYPE | CODE | NAME | CAPACITY | NSF | CIRC RATE | CIRC SF | TOTAL NSF | C2F ADMIN Use Code | Army HQ ADMIN Use Code | EOC / OC Use Code | NOC Use Code | SCIF Use Code | BASIS |
|----------|------|----------------------------------|----------|-------|-----------|---------|-----------|--------------------|------------------------|-------------------|--------------|---------------|---|
| ADMIN | P1 | Private 01 | 1 | 400 | 25% | 100 | 500 | A | A | O | N | S | Commanders, deputy commanders, heads and deputies of directorates in grades O9 and O10. |
| ADMIN | P2 | Private 02 | 1 | 300 | 25% | 75 | 375 | A | A | O | N | S | Commanders, deputy commanders, heads and deputies of directorates and divisions in grades O7 and O8. SES and comparable positions. Deputies of positions in P1 category. Command sergeants major of positions in P1 and P2 categories. |
| ADMIN | P3 | Private 03 | 1 | 200 | 25% | 50 | 250 | A | A | O | N | S | Commanders in grade O6 and O5. Deputy commanders in grade O5. Division heads in grades O6 or GS 14-15 who require private offices. Branch heads in grades O6 or GS 14-15 who report to division heads in P2 category. Deputies of positions in P2 category who require private office. Personnel in grades GS-16 or O7 and above who require private office. |
| ADMIN | P4 | Private 04 | 1 | 150 | 25% | 38 | 188 | A | A | O | N | S | Commanders in grade O4 Division heads in grade GS-13 or O5 who require private offices Deputies of positions in P3 category who require private offices Branch heads in grades GS 13-15, O5, or O6 who report to division heads in category P3 and require private offices Personnel in grades GS 14-15 OR O6 and below who require private offices. Command sergeants major of positions in P3 category |
| ADMIN | P5 | Private 05 | 1 | 110 | 25% | 28 | 138 | A | A | O | N | S | Commanders in grade O3 Branch heads in grade GS-12, O4, and below who require private offices Personnel in grade GS-13, O5, and below who require private offices Staff sergeants major Unit first sergeants in grade E8 |
| ADMIN | OR | Open Regular | 1 | 48 | 100% | 48 | 96 | A | A | O | N | S | Position requires admin space but does not require a private office |
| ADMIN | OL | Open Large | 1 | 64 | 60% | 38 | 102 | A | | O | N | S | ACOM only, same as OR above |
| EOC / OC | CG | Ops area CG jump station | 1 | 36 | 50% | 18 | 54 | | | O | | | One per OC |
| EOC / OC | DS | Ops area shift console | 1 | 16 | 50% | 8 | 24 | | | O | | | NMT 70% of PN within special use operations area are seated in the OC. Provide at rate of 1:2 of total authorized PN by mission task or function |
| EOC / OC | LP | Senior leader planning room | 12 | 600 | 25% | 150 | 750 | | | O | | | One per C2F OC |
| EOC / OC | OP | OC planning room | 15 | 500 | 25% | 125 | 625 | | | O | | | NTE three per OC |
| EOC / OC | SA | Situational Awareness Room | 12 | 414 | 25% | 104 | 518 | | | O | | | One per C2F OC |
| MEETING | CL | 35 pers CONF/VTC | 35 | 805 | 25% | 201 | 1,006 | A | | O | N | S | One per directorate with 70 or more PN. Conference room capacity of directorate NTE 50% of authorized strength |
| MEETING | CLL | Classroom | | 1,600 | 25% | 400 | 2,000 | | | | | | NTE one per building |
| MEETING | CM | 24 PERS CONF/ VTC | 24 | 572 | 25% | 143 | 715 | A | A | O | N | S | One per division with 48 or more PN. Conference room capacity of division NTE 50% of authorized strength |
| MEETING | CS | 12 PERS CONF/ VTC | 12 | 255 | 25% | 64 | 319 | A | A | O | N | S | NMT one per directorate, division, or special staff equivalent with more than 24 PN |
| MEETING | CB | 150 PERS Briefing CONF / VTC | 150 | 2,250 | 25% | 563 | 2813 | A | | | | | One per C2F provided near building entrance |
| MEETING | HB | 50 PERS Briefing Room CONF / VTC | 50 | 1000 | 25% | 250 | 1250 | | A | | | | One per Army HQ |
| MEETING | EC | Executive CONF | 35 | 805 | 25% | 201 | 1,006 | A | | | | | One per command suite |
| MEETING | CC | Command CONF | 60 | 1,600 | 25% | 400 | 2,000 | A | | | | | One per command suite, ACOM only |
| SCIF | SP | SCIF Secure Planning Room | 20 | 500 | 25% | 125 | 625 | | | | | S | NTE two per SCIF |
| SCIF | SP | SCIF Secure Planning Room | 10 | 330 | 25% | 85 | 415 | | | | | S | NTE two per SCIF |

SPACE PROGRAM DEVELOPMENT

| TYPE | CODE | NAME | CAPACITY | NSF | CIRC RATE | CIRC SF | TOTAL NSF | C2F ADMIN Use Code | Army HQ ADMIN Use Code | EOC / OC Use Code | NOC Use Code | SCIF Use Code | BASIS |
|---------|------|--------------------------------|----------|-------|-----------|---------|-----------|--------------------|------------------------|-------------------|--------------|---------------|---|
| SCIF | SS | SCIF temporary work space | 1 | 16 | 50% | 8 | 24 | | | | | S | Provide at a ratio of 1:25 PN authorized to work in a SCIF but not having their normal duty station within the SCIF. Provide at least one SCIF shift staff. |
| SCIF | SF | STO facility (C2F only) | 8 | 1,000 | 25% | 250 | 1,250 | | | | | S | NTE one per SCIF. |
| SCIF | AI | Automated information systems | | 480 | 25% | 120 | 600 | | | | | S | One per SCIF |
| SCIF | SO | SCIF security office | | 385 | 25% | 96 | 481 | | | | | S | One per SCIF |
| NOC | COM | COMSEC room | | 210 | 25% | 52 | 262 | | | | N | | One per NOC |
| SPECIAL | SR | Server room | | 600 | 25% | 150 | 750 | | | | N | S | Provide NLT two server rooms, NTE one within the SCIF to house G2/ SCIF-related equipment. Provide NLT one within the NOC to house equipment for the remainder of the building plus VTC equipment. Presence of additional server room space must be justified by the existence of equipment requiring space above what is provided in one server room. |
| SPECIAL | BR | Break | | 108 | 25% | 27 | 135 | A | A | O | N | S | Provide at ratio of 1:100 staff positions. Provide one consolidated break area for SZ3 outside of SZ3. Provide at least one break area on each floor |
| SPECIAL | LC | Lactation Room | 1 | 80 | 25% | 20 | 100 | A | A | | | | One per building |
| SPECIAL | DC | Distribution / Mail room | | 200 | 25% | 50 | 250 | A | A | | | | One per building |
| SPECIAL | CE | Ceremonial / Screening | | 2,000 | 25% | 500 | 2,500 | A | | | | | One per building |
| SPECIAL | CE | Lobby Area with Access Control | | 600 | 25% | 150 | 750 | | A | | | | One per building |
| SPECIAL | CT | CMD toilet | 1 | 108 | 25% | 27 | 135 | A | A | | | | One each for commanding general, deputy commanding general, command sergeant major, and executive officer. |
| SPECIAL | DT | Distrib/ PC-Based Training RM | 16 | 572 | 25% | 143 | 715 | A | A | | | | NTE one per building, Army HQ: TOEs only. |
| SPECIAL | FC | Files | | 88 | 25% | 22 | 110 | A | | O | N | S | 1:30 PN within open office space of a division work area. NTL 2 but NMT 4 for each special use operations area. Provide one additional for PAO, contracting, legal, and IG. 12 filing cabinets per area. |
| SPECIAL | KT | Kitchen (CMD GRP) | 1 | 96 | 25% | 24 | 120 | A | | | | | One per command suite. One per command briefing room; not provided for executive conference room |
| SPECIAL | P6 | Visiting GO office | 1 | 300 | 25% | 75 | 375 | A | | | | | One per command suite, ACOM only. |
| SPECIAL | PC | Printer/ Copier area | | 96 | 25% | 24 | 120 | A | | O | N | S | NLT one per division work area, NTE 96 NSF for every 25 PN. NLT one per special use operations area. |
| SPECIAL | RA | C2F Reception | 25 | 250 | 25% | 63 | 313 | A | | | | | One per command suite |
| SPECIAL | RA | Army HQ Reception | 10 | 100 | 25% | 25 | 125 | | A | | | | One per command suite |
| SPECIAL | PS | Public Restrooms/Showers | | | | | | | | | | | Provide ABA accessible restroom(s) on each floor for each sex. In a three-story building, this amounts to minimum of six restrooms: minimum of two on each floor. Each restroom requires one accessible shower. In addition to accessible showers, provide standard showers on first floor to fill out total number of required showers in ratio of 4:1, men : women. Provide a ratio of one (1) shower per 25 PPL or persons. |
| SPECIAL | ST | General purpose storage | | 96 | 25% | 24 | 120 | A | A | O | N | S | NTE 96 NSF for every 100 PN within open office space of a division work area. Not provided for work areas with fewer than 20 PN. NLT one GP storage area per special use operations area. |
| SPECIAL | TE | Team room | 8 | 120 | 25% | 30 | 150 | A | A | O | N | S | Provide at rate of 1:50 PN within open office space of a division work area. Authorized for a division with fewer than 24 people in lieu of conference room. |
| SPECIAL | WA | Waiting area | 4 | 200 | 25% | 50 | 250 | A | A | | | | Provide one each for commanding general, deputy commanding general, and chief of staff; provide one for reenlistment. |

4.6 Identify special use space requirements.

4.6.1 Repeat the steps in 4.5.1 and 4.5.2 for each of the applicable special use spaces as identified in step 4.3.

4.7 When applicable, identify mission space and add.

4.7.1 Analyze the authorization document for personnel requiring space other than administrative type space, e.g. instructors in Army schools, laboratory scientists.

4.7.2 Identify by paragraph activities that require mission space.

4.7.3 Exclude personnel in mission space from Army HQ administrative space.

4.7.4 Calculate mission space in a planning charrette using approved mission statements and validated planning assumptions. Validation may come from the parent ACOM, ASCC or the HQDA proponent. Personnel support space integrated into mission space (e.g., instructor workstations, scientist / researcher workstations, conference rooms) are governed by the same criteria as the supported C2F or Army HQ.

SAMPLE

STATEMENT OF WORK

- 4.8 **Determine total net area required.** Aggregate space by admin, special space, special use space (SCIF, NOC and OC) and mission space to determine total net area required by programming area requirements and Intra-Office circulation.

| <ORGANIZATION NAME> | | | | | | |
|---|------------------|--------------------|-----------------------|-------|-------|----------------|
| ARMY HEADQUARTERS (HQ) PROGRAM | | | | | | |
| VERSION 1_0 <DATE> 6x8 Cubicles with 100% Circulation | | | | | | |
| PERSONNEL REQUIREMENTS SUMMARY | | | | | | |
| Command | | | | | | Personnel |
| ACC_ECC Standard Total Personnel | | | | | | 525 |
| Total Admin Personnel | | | | | | 491 |
| Grand Total HQ Facility Personnel | | | | | | 525 |
| AREA REQUIREMENTS SUMMARY | | | | | | |
| DESCRIPTION | ADMIN SPACE | | SPECIAL PURPOSE SPACE | | | PROGRAMMED NSF |
| | ADMIN SPACES NSF | SPECIAL SPACES NSF | SCIF | NOC | OC | |
| Total Programmed Area Requirements | 31,604 | 18,725 | 1,680 | 900 | 2,715 | 55,624 |
| Total Intra - Office Circulation | 22,443 | 5,072 | 601 | 225 | 1,607 | 29,948 |
| AREA TOTAL | 54,047 | 23,797 | 2,281 | 1,125 | 4,322 | |
| Subtotal 1 (All Programmed Area Requirements) | | | | | | 85,572 |
| PART 2 | | | | | | |
| Electrical (1% of Subtotal 1) | | | | | | 856 |
| Telecommunications (4% of Subtotal 1) | | | | | | 3,423 |
| Subtotal 2 (Subtotal 1 Plus, Elec, Telecom) | | | | | | 89,851 |
| PART 3 | | | | | | |
| Primary Egress and Inter-Organizational Circulation (25%) (General Building Circulation Includes: Primary Egress, Locker/Shower Area, Building Toilets, Janitor Area, Space For AAFES, Recycle Closet) | | | | | | 22,463 |
| Subtotal 3 (Subtotal 2 Plus General Building Circulation) | | | | | | 112,313 |
| PART 4 | | | | | | |
| Mechanical (7% of Subtotal 1) | | | | | | 7,862 |
| Grand Total HQ Facility Area Requirements | | | | | | 120,175 |
| BUILDING AREA PER PERSON | | | | | | |
| Total Administrative NSF Per Person | | | | | | 64 |
| Total GSF Per Person | | | | | | 229 |

Error! Reference source not found. is an example of a summary program. The "Area Requirements Summary" provides the programming area and the associated circulation area for Admin spaces, special space and special use space (SCIF, NOC, and OC). Adapt as necessary when mission space is required.

- 4.9 **Apply approved support space factors.** Apply approved support space factors (e.g., electrical, communications, building circulation and support factors, mechanical). Use 1% of subtotal 1 for electrical, 4% of subtotal 1 for telecommunications, 25% of subtotal 2 for building circulation inclusive of the items listed in part 3, and 7% of subtotal 3 for mechanical as a rule of thumb. Consider climate, OCONUS building codes, and other factors that may increase the requirement. Any increases must be validated by the COS on a project by project basis.
- 4.10 **Determine GSF per person.** Divide total gross area by total building population to determine GSF per person. Mission space and personnel allocated primary workspaces in mission space are excluded from this calculation.
- 4.11 **Adjust allocations.** Adjust allocations in steps 4.5 and 4.6 as needed to reduce total to 230 GSF per person or less.

SAMPLE

**COMMAND AND CONTROL
FACILITIES (C2F)
and OTHER ARMY
HEADQUARTERS (Army HQ)**

ATTACHMENT C

**DIVISION/CORPS
PROGRAMMING
REQUIREMENTS**

**UFC 4-140-03
30 March 2012**

Attachment C. Command and Control Facilities (C2F): Division/Corps.

The Division and Corps headquarters provide space for the command and control functions across all military missions and operations within the United States and worldwide. The buildings provide the physical space and the global information grid connectivity needed for normal operations, collaborative planning, and routine and secure telecommunications.

[Note to RFP Preparer: Choose either Division Headquarters or Corps Headquarters]

[Division Headquarters. The Division is the Army’s primary Warfighting modular headquarters. The Division is commanded by a Major General and consists of a headquarters of up to 545 personnel (PN), including civilians and contractors, and a co-located Special Troops Battalion to provide combat service support.] Locate the facilities to support the special troops battalion and associated company operations and maintenance activities adjacent to the C2F when feasible, but are not included in the program for the C2F.

[Corps Headquarters. The modular Corps Headquarters is commanded by a Lieutenant General and consists of a headquarters of up to 628 personnel including civilians and contractors, joint staff officers and NCOs and a co-located Special Troops Battalion to provide combat service support.] Locate the facilities to support the special troops battalion and associated company operations and maintenance activities adjacent to the C2F when feasible, but are not included in the program for the C2F.

Augmented Positions. The division and corps programs include typical augmentation that is not reflected in the Objective Table of Organization and Equipment (OTOE) for these headquarters. Each headquarters program has an additional 24 spaces to account for these augmented positions. Table C-1 shows the 12-PN TDA augmentations included in the Division and Corps C2F programs.

Table C-1: 12-PN TDA AUGMENTATION

| TDA AUGMENTATION INCLUDED IN DIVISION AND CORPS C2F PROGRAMS | | | | |
|--|---------------|----------------|----|---------|
| DIRECTORATE | DIVISION | TITLE | GR | AUTHSTR |
| 002 SPECIAL STAFF | 006 RETENTION | CMD CAREER | E9 | 1 |
| 002 SPECIAL STAFF | 006 RETENTION | SR CAR COUN | E8 | 1 |
| 002 SPECIAL STAFF | 006 RETENTION | CAREER COUN | E7 | 1 |
| 002 SPECIAL STAFF | 007 SAFETY | SFTY & OH MGR | 03 | 1 |
| 002 SPECIAL STAFF | 007 SAFETY | SAFETY SPEC | 02 | 1 |
| 002 SPECIAL STAFF | 007 SAFETY | TAC SAFETY OFF | 02 | 1 |
| 002 SPECIAL STAFF | 007 SAFETY | TAC SAFETY OFF | 02 | 1 |
| 002 SPECIAL STAFF | 007 SAFETY | TAC SAFETY OFF | 02 | 1 |
| 008 SUSTAINMENT | 001 G1 | EO ADV | O5 | 1 |
| 008 SUSTAINMENT | 001 G1 | EO ADVISOR | E8 | 1 |
| 008 SUSTAINMENT | 001 G1 | EO ADVISOR | E7 | 2 |

Table C-2 shows the 12-PN MSE augmentations included in the Division and Corps C2F programs.

Table C-2: 12-PN MSE AUGMENTATION

| MSE AUGMENTATION INCLUDED IN DIVISION AND CORPS C2F PROGRAMS | | | | |
|--|--------------|---------------------|----|---------|
| DIRECTORATE | DIVISION | TITLE | GR | AUTHSTR |
| 001 CMD GRP | 001 CMD GRP | ADMIN SUPPORT SPEC | 9 | 1 |
| 002 SPECIAL STAFF | 008 PROTOCOL | CHIEF, PROTOCOL | 11 | 1 |
| 002 SPECIAL STAFF | 008 PROTOCOL | PROTOCOL SPECIALIST | 9 | 1 |

| MSE AUGMENTATION INCLUDED IN DIVISION AND CORPS C2F PROGRAMS | | | | |
|---|-----------------|------------------------|-----------|----------------|
| DIRECTORATE | DIVISION | TITLE | GR | AUTHSTR |
| 002 SPECIAL STAFF | 008 PROTOCOL | PROTOCOL AUT ASST | 7 | 1 |
| 004 M&M | 001 M&M | READINESS SPEC | 11 | 1 |
| 004 M&M | 001 M&M | FORCE INTEGRATION SPEC | 10 | 1 |
| 004 M&M | 001 M&M | SCHOOLS SPECIALIST | E7 | 1 |
| 004 M&M | 001 M&M | TRAINING MGMT SPEC | 11 | 1 |
| 008 SUSTAINMENT | 003 G8 | MGMT ASSISTANT | 7 | 1 |
| 008 SUSTAINMENT | 003 G8 | SUPV ACCOUNTANT | 13 | 1 |
| 008 SUSTAINMENT | 003 G8 | SR BUDGET ANALYST | 13 | 1 |
| 008 SUSTAINMENT | 003 G8 | SR MGT ANALYST | 12 | 1 |

The mission support element (MSE) program provides estimated additional space requirements for a typical headquarters when the commander is also the senior mission commander for an installation. Validate the actual MSE requirement during the planning charrette.

Attachment C is organized in sections as follows:

- Section 1: Tables
 - Table C-3 provides an adjacency diagram that shows the desired relationships between the groups within the Headquarters facility;
 - Table C-4 provides a description of the staff elements that will occupy the facility;
 - Table A-5 provides a description of the special use operations area spaces
- Section 2: Drawings
 - Figures C-101 through C-304 provide drawings for a three-story layout of the staff groups;
- Section 3: Space Program - provides the space program summary and detailed space program for each.
 - Space Program - Division
 - Space Program – Corps

DIV / CORPS PROGRAMMING REQUIREMENTS

Table C-4 Staff Element Descriptions

| INDEX | DIRECTORATE | STAFF ELEMENT | SZ | DESCRIPTION |
|-------|-------------|-------------------------------------|-------|---|
| 1 | CMD GRP | Command Group (CMD GRP) | 1 | The Command Group corresponds to the office of the CEO of a corporation. Locate the Command Group away from heavy traffic activities and provide a means for support personnel to control the flow of visitors. The Command Group requires an access route to the main entrance that permits dignitaries and designated visitors right of entry to the command reception area, without moving through operational areas of the building, such as the SCIF, OC and the work areas of the Intel and M&M sections. |
| 2 | C2 | Command and Control (C2) | 2 & 3 | The Command and Control (C2) directorate manages and executes the C2 functions of the Division/ Corps. C2 uses the plans and information provided by the other staff directorates to execute operations within the Division/ Corps area of responsibility using the Units of Action attached to the Division/ Corps. C2 has as subordinates the NOC, G6, KMO, AC2, TAC (C2), G9 Civil Affairs, G7, EW, and PSYOP. C2 is responsible for management of the NOC, which Table A-5 describes. |
| 3 | C2 | G6 | 2 | The G6 section proper is similar to the IT management section of a corporation. At the Unit of Employment level, it performs policy and management functions such as estimating requirements, allocating resources and establishing priorities. The staff is not necessarily involved in the day-to-day operation of the networks or telecommunications systems. Similarly, it does not provide help desk or hardware and software management. Rather, it provides plans and policies for the organization as a whole and exercises staff supervision of the IT specialists who provides direct support to users. The G6 section is augmented with personnel from the signal company which does provide network operations, computer maintenance and hardware and software support. The G6 has overall responsibility for the operation of the network operations center (NOC). |
| 4 | C2 | G7 | 2 | The G-7 staff is responsible for a variety of non-lethal combat operations that leverage the information superiority of US Forces. |
| 5 | C2 | G9 Civil Affairs | 2 | The G9 section is responsible for assisting the commander in the area of interaction with local populations. |
| 6 | C2 | Airspace Command and Control (AC2) | 2 | AC2 synchronizes forces and warfighting functions within the vertical dimension. They are responsible for the integration of all airspace users within the division's Area of Operations. |
| 7 | C2 | Electronic Warfare (EW) | 2 | The EW staff is responsible for coordination of EW efforts and units assigned to the division. Locate the EW element with the Fires section. |

DIV / CORPS PROGRAMMING REQUIREMENTS

| | | | | |
|-----------|--------------|--|---|---|
| 8 | C2 | Knowledge Management Office (KMO) | 2 | The Knowledge Management Office is responsible for implementing Army Knowledge Management (AKM) business practices and processes at the division level. The KMO ensures that infrastructure is in place to provide the efficient sharing of critical knowledge in a time sensitive environment. Locate the KMO with the G6. The KMO is typically subordinate to the G6. See AR 25-1 for more information on AKM. |
| 9 | C2 | PSYOP | 2 | PSYOP plans and coordinates efforts to convey selected information to foreign audiences. The section plans and develops information and messages to be expressed to the intended audience while also planning delivery methods. PSYOP works closely with both the Command Group and the EW section. |
| 10 | C2 | TAC (C2) | 2 | TAC (C2) provides the command and control functions of the Tactical Command Post. Locate TAC (C2) near the Movement & Maneuver section. |
| 11 | Fires | Fires | 2 | The Air Defense, Fires, and Aviation sections require adjacency to each other because of the critical interaction of their spheres of influence. All three deal with different aspects of vertical space on the battlefield. Locate all three in proximity to M&M and the OC as well. |
| 12 | Fires | FAIO | 2 | FA Intel Officer is in the Fires section. FAIO provides intelligence to both Fires and Maneuver. |
| 13 | Fires | TAC (Fires) | 2 | TAC (Fires) is the Fires element of the Tactical Command Post and command and controls Fires elements when the TAC is forward deployed. |
| 14 | Intel | Intel | 2 | Intel supports the commander in the areas of opposition research, terrain analysis and weather. The activity of the Intel section involves a variety of secure telecommunications capabilities and much of their workspace is inside the Sensitive Compartmented Information Facility (SCIF) portion of the building and requires strict access control. They also require direct access to the TSVA adjacent to the SCIF. The non-SCIF portions of the Intel section require immediate adjacency to the SCIF. Locate Intel and the SCIF away from areas that have customer service activities related to other sections. |
| 15 | Intel | Analysis and Control Element/ National Crime Information Center (ACE/NCIC) | 3 | ACE HQ Section, located within the SCIF, is in charge of Collection Management Element, Fusion Element, IMINT Element, SIGINT Element, and TES Element. |
| 16 | Intel | Collection MGMT | 3 | Collection MGMT is located within the SCIF. Collection MGMT manages the collection of intelligence data from various sources within the Division/ Corps. |

DIV / CORPS PROGRAMMING REQUIREMENTS

| | | | | |
|-----------|----------------|--|---|---|
| 17 | Intel | FUSION | 3 | The Fusion section is located within the SCIF. FUSION combines intelligence from disparate sources into a common operating picture of the Division/ Corp's area of responsibility. |
| 18 | Intel | SIGINT | 3 | The SIGINT section is located within the SCIF. SIGINT manages the collection signals intelligence from Division/ Corps elements. |
| 19 | Intel | TES | 3 | TES Element is located within the SCIF. This element provides data analysis. |
| 20 | Intel | Geospatial | 3 | The Geospatial office is in the SCIF. Geospatial forms an intelligence picture with regard to the disposition of enemy forces in relation to geographical features within the Division/ Corp's area of responsibility. |
| 21 | Intel | Targeting | 3 | The Targeting office is in the SCIF. Targeting provides information on the movement and location of enemy units within the Division/ Corp's area of responsibility to the Fires Directorate. |
| 22 | M&M | Movement and Maneuver (M&M) | 2 | The Movement and Maneuver (M&M) officer's functions are similar to those of the chief operations officer of a corporation. M&M is responsible for coordinating and supervising the mission functions of the assigned organizations. Because M&M integrates the operational functions of the other staff sections as they relate to the mission, locate this space as centrally as possible, consistent with other requirements and constraints. M&M is responsible for managing the Operations Center (OC), a restricted area. Much of the work of the M&M section involves dealing with classified information and telecommunications. As such, isolate M&M from activities that generate traffic not related to the operational function of that section. The M&M directorate has as subordinates: the OC, ORSA, ENG (MVR), AVN, CURR OPS, FUOPS, MVR, Space, and G5 Plans. |
| 23 | M&M | MVR | 2 | MVR is the supervisory staff element for the M&M directorate. |
| 24 | M&M | G5 Plans | 2 | The G5 Plans section is the long-range planning cell of the organization. They focus on potential and future operations with the purpose of developing plans and orders to other staff agencies and subordinate organizations. The Plans section is not widely interdisciplinary, but works with designated individuals from other activities who are adjunct members of the Plans team. This section has a significant amount of classified material, which creates a need for an open storage area for classified documents. Open storage not in a SCIF is governed by AR 380-5 Chapter 7, paragraph 7-4. The Plans team also has frequent interactions with personnel operating in the SCIF. Because they are the nucleus of the planning cell the Plans section requires a dedicated conference space in their area. |

DIV / CORPS PROGRAMMING REQUIREMENTS

| | | | | |
|-----------|----------------|-------------------|---|--|
| 25 | M&M | AVN | 2 | The Air Defense, Fires, and Aviation sections require adjacency to each other because of the critical interaction of their spheres of influence. All three deal with different aspects of vertical space on the battlefield. Locate all three in proximity to M&M and the OC as well. |
| 26 | M&M | CURR OPS | 2 | Current Ops is responsible for operational planning five days out. Locate Current Ops adjacent to FUOPS. Staff representatives in the current operations cell actively assist subordinate units. They provide them information, synchronize their activities, and coordinate their support requests. The current operations cell solves problems and acts within the authority delegated by the commander. CURR OPS also performs short-range planning using the military decision-making process (MDMP) in a time-constrained environment or makes decisions and resynchronizes operations. |
| 27 | M&M | ENG (MVR) | 2 | The engineer has staff responsibility for enhancing movement of friendly forces, obstructing movement of enemy forces and construction support in the area of operations. The engineer also has staff supervision of the topographic section, some of which operates in the SCIF. Locate ENG with proximity to M&M, Intel and the SCIF. |
| 28 | M&M | FUOPS | 2 | Future Ops is responsible for operational and strategic planning for periods longer than five days. Locate Future Ops adjacent to CURR OPS. |
| 29 | M&M | ORSA | 2 | ORSA involves the research of strategic and operational concerns and the development of optimal techniques for meeting strategic and operational necessities. Locate ORSA within the M&M work area. |
| 30 | M&M | SPACE | 2 | The Space Operations section coordinates support from sensitive sources. Locate Space near the M&M section and SCIF because of their frequent interactions with those two activities. They also need proximity to the Intel and G6 sections. Locate Space <i>away from</i> general circulation and visitor traffic to the maximum extent possible. |
| 31 | Protect | Protection | 2 | The Protection directorate is responsible for creating and coordinating efforts to ensure the safety of soldiers in units assigned to the Division/ Corps. As the Protection directorate is concerned with planning, they should be located near the M&M and Fires directorates. Protection has as subordinates CBRNE, PPR, AMD, and PMO. |
| 32 | Protect | AMD | 2 | The Air Defense, Fires and Aviation sections require adjacency to each other because of the critical interaction of their spheres of influence. All three deal with different aspects of vertical space on the battlefield. Locate all three in proximity to M&M and the OC as well. |
| 33 | Protect | CBRNE | 2 | This section is typically located within Protection. CBRNE's primary functions involve tracking threats and potential threats related to the possible use of weapons of mass destruction (WMD). Consequently, they also have a strong link to Intel. |

DIV / CORPS PROGRAMMING REQUIREMENTS

| | | | | |
|-----------|----------------------|---|-------|---|
| 34 | Protect | Personnel Recovery Coordination Cell (PRCC) | 2 | PPR. The Personnel Recovery Coordination Cell coordinates operations to search for, locate, identify, recover and return isolated personnel, human remains, sensitive equipment or items critical to national security. |
| 35 | Protect | PMO | 1 | The Provost Marshall Office (PMO) is analogous to the department of public safety or the chief of police in a civilian jurisdiction. While the PMO has some involvement in law enforcement, other responsibilities include prisoner of war management, traffic control and crowd control. The PMO is also deeply involved in physical security and force protection. As a member of the commander's personal staff locate the PMO conveniently to the command suite. Additionally, the PMO may have visitors which should not have ready access to the command suite. |
| 36 | Special Staff | Special Staff | 1 & 2 | The Special Staff directorate is the conglomeration of staff elements relating to the command group but not involved in command and control. The Special Staff directorate includes IG, Chaplain, PAO, CMD LNO, Safety, Reenlistment, Red Team, and SJA. |
| 37 | Special Staff | Chaplain | 1 | The office of the chaplain belongs to the Special Staff. The chaplain is responsible for advising the commander on areas of religious support to assigned soldiers and units and for coordinating religious activities of all faiths within the area of responsibility. The office of the chaplain needs proximity to the command suite but positioned so that visitors to the office of the chaplain cannot be monitored by the command group. |
| 38 | Special Staff | Command Liaison (CMD LNO) | 1 | The CMD LNO serves as the interface between the Division/ Corps commander and other organizations (including foreign organizations) having dealings with the Division/ Corps. The CMD LNO should be located on the first floor near the building entrance and away from operational areas of the Division/ Corps headquarters. |
| 39 | Special Staff | IG/EO | 1 | The office of the inspector general (IG) and the equal opportunity (EO) office belong to the personal staff of the commander. Both have visitor traffic that require separation from other traffic flowing to the command group. The confidentiality of visitors to these sections has a higher priority than ease of access between the commander, the IG and the EO. The inspector general is responsible for ensuring internal policies and procedures are consistent with all appropriate regulations and for ensuring grievances against members of the command are investigated impartially to determine if they have merit. The EO has similar responsibilities in the area of regulations related to equal opportunity. |

DIV / CORPS PROGRAMMING REQUIREMENTS

| | | | | |
|-----------|----------------------|--------------|---|---|
| 40 | Special Staff | PAO | 1 | The PAO staff has a three-part assignment. The PAO is responsible for public information, command information and community relations. As the public information office, the PAO is responsible for all interactions with the media. As the command information office, the PAO is responsible for internal communication within the organization including command publications and dissemination of official organization, Army and defense department information to soldiers and organizations assigned to, or under the command of, the Corps or Division. As the community relations office they are responsible for working with local political officials to improve communication between the Army and local populations. When deployed, this latter duty would be coordinated with the Civil Affairs team and the State Department country team. The PAO is on the personal staff of the commander and needs good access and proximity to the command suite. The PAO also has visitors who are not affiliated with the organization including members of the media, who must not have unescorted access in the vicinity of the command suite. |
| 41 | Special Staff | Reenlistment | 1 | Reenlistment provides career counseling to soldiers (both enlisted and officer) within the division. Locate Reenlistment on the first floor near the building entrance within security zone 1. Do not locate Reenlistment near either the Command Group or G1. |
| 42 | Special Staff | Safety | 1 | The safety officer is responsible for coordinating safety awareness throughout the command, including the command safety and occupational health program, accident prevention program, providing safety training to the local civilian labor force, and preparing risk assessments and recommending risk-reduction control measures for all operations. |
| 43 | Special Staff | Red Team | 2 | Red Team is responsible for providing the Division/ Corps commander with an independent, objective, view of strategic and operational plans. The Red Team also provides the commander with insights into the political and military policies and objectives of an adversary as they relate to the course of action of the Division/ Corps. The Red Team works closely with the M&M directorate. Locate the Red Team within the M&M directorate. |
| 44 | Special Staff | SJA | 1 | The SJA is similar to the legal staff of a large corporation. The most familiar function of the SJA is serving as the prosecutor for the commander in matters involving felonies by soldiers assigned to the organization. More critical functions include the law of war, contract law and legal support to stabilization operations. The SJA is on the personal staff of the commander and requires a location with good access and proximity to the command suite. |

DIV / CORPS PROGRAMMING REQUIREMENTS

| | | | | |
|-----------|----------------|--------------------|---|--|
| 45 | Sustain | Sustainment | 1 | The Sustainment directorate is responsible for managing and planning the human resources and logistical needs of attached units. It contains as subordinates Surgeon, G1, G4, and G8. |
| 46 | Sustain | G1 | 1 | The G1 office is equivalent to the human resources department of a corporation. While the G1 has representatives who support operational activities in the building, they serve a clientele that often does not have a requirement for access to operational areas. While the G1 corresponds to a human resources department, it generally does not provide customer service to individual soldiers. Rather, the G1 serves human resource specialists from subordinate organizations and agencies. The G1 section frequently provides the personnel who control access to the commander. Thus, provide proximity to the command suite as long as traffic to the G1 does not invade the privacy of the command suite. |
| 47 | Sustain | G4 | 1 | The G4 section is responsible for the administration of the logistics, transportation and maintenance functions and programs within the area of responsibility. G4 does not perform any industrial type functions. It generates traffic that requires exclusion from operational areas. It does not provide direct customer service. Most of the traffic it generates will be logistics, transportation and maintenance managers from subordinate organizations. |
| 48 | Sustain | G8 | 1 | The G8 section is responsible for managing all financial aspects of the Division/ Corps. This includes not only attached units, but also, potentially, foreign nationals and aid or charitable organizations within the division's area of responsibility. |
| 49 | Sustain | Surgeon | 1 | The surgeon is responsible for coordinating health assets and operations within the command including medical evacuation, combat stress control, mass casualty plans, combat health logistics, preventative medicine services and advising the command on health services and health matters. |

Table C-5: Special Use Operations Area

| DIRECTORATE | SPECIAL USE SPACE | SZ | DESCRIPTION |
|----------------|-------------------|----|--|
| C2 | NOC | 3 | The NOC houses mission server and communication hardware, including VTC hardware, for use by the occupants of the C2F while in garrison. |
| M&M | OC | 3 | M&M directs units of action during operations within the division/corps area of responsibility from the OC and tracks operational situation awareness. The OC provides interdisciplinary collaboration by specialists from various staff elements for operational support of attached units during operations. |

DIV / CORPS PROGRAMMING REQUIREMENTS

| | | | |
|--------------|------|---|---|
| INTEL | SCIF | 3 | The division/corps typically uses the SCIF for collection and analysis of intelligence data. Refer to DCID 6/9 for further information on the SCIF. |
|--------------|------|---|---|

SAMPLE

Figure C-101: Division/Corps C2F First Floor



Figure C-102: Division/Corps C2F First Floor

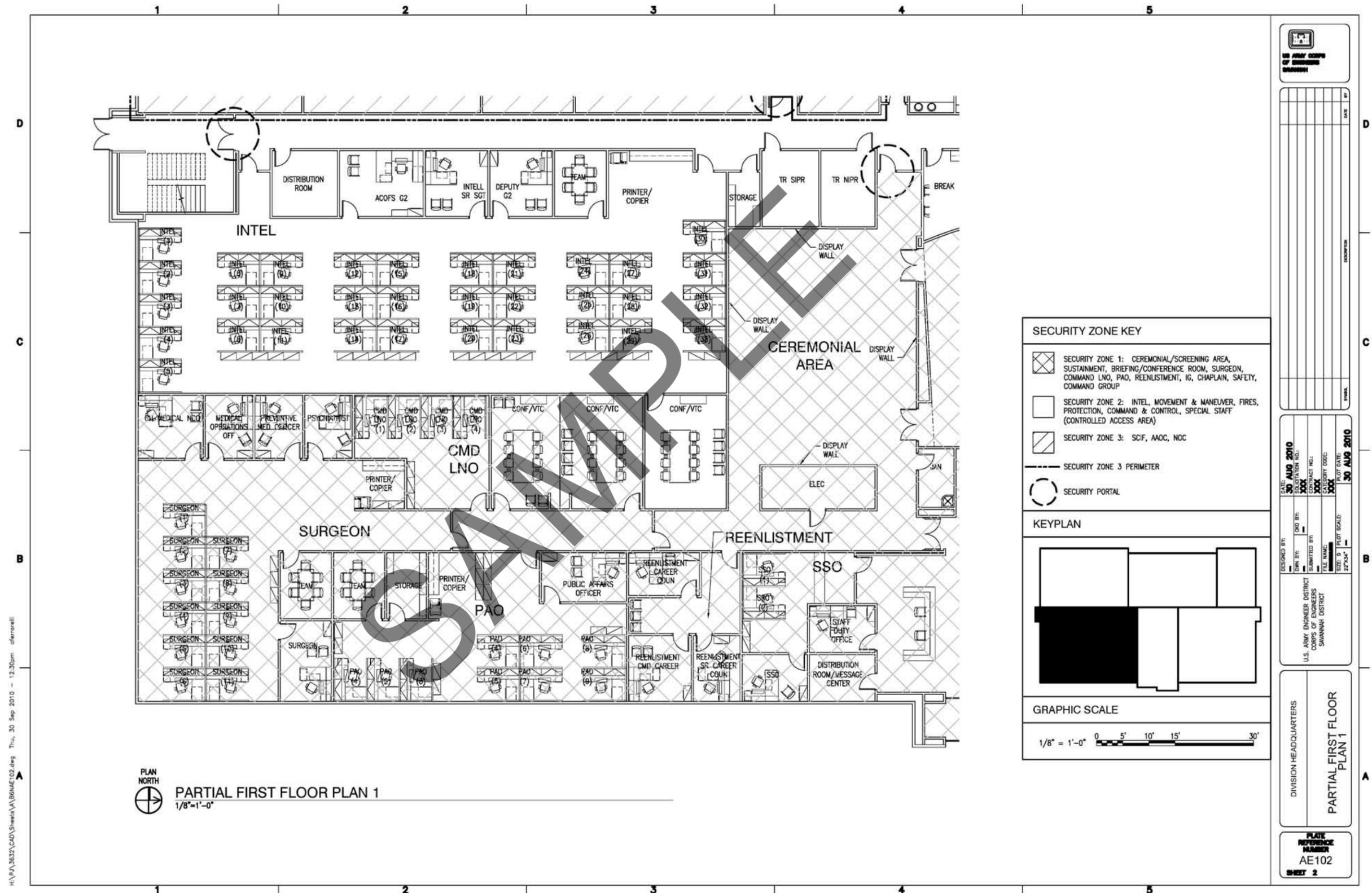


Figure C-104: Division/Corps C2F First Floor

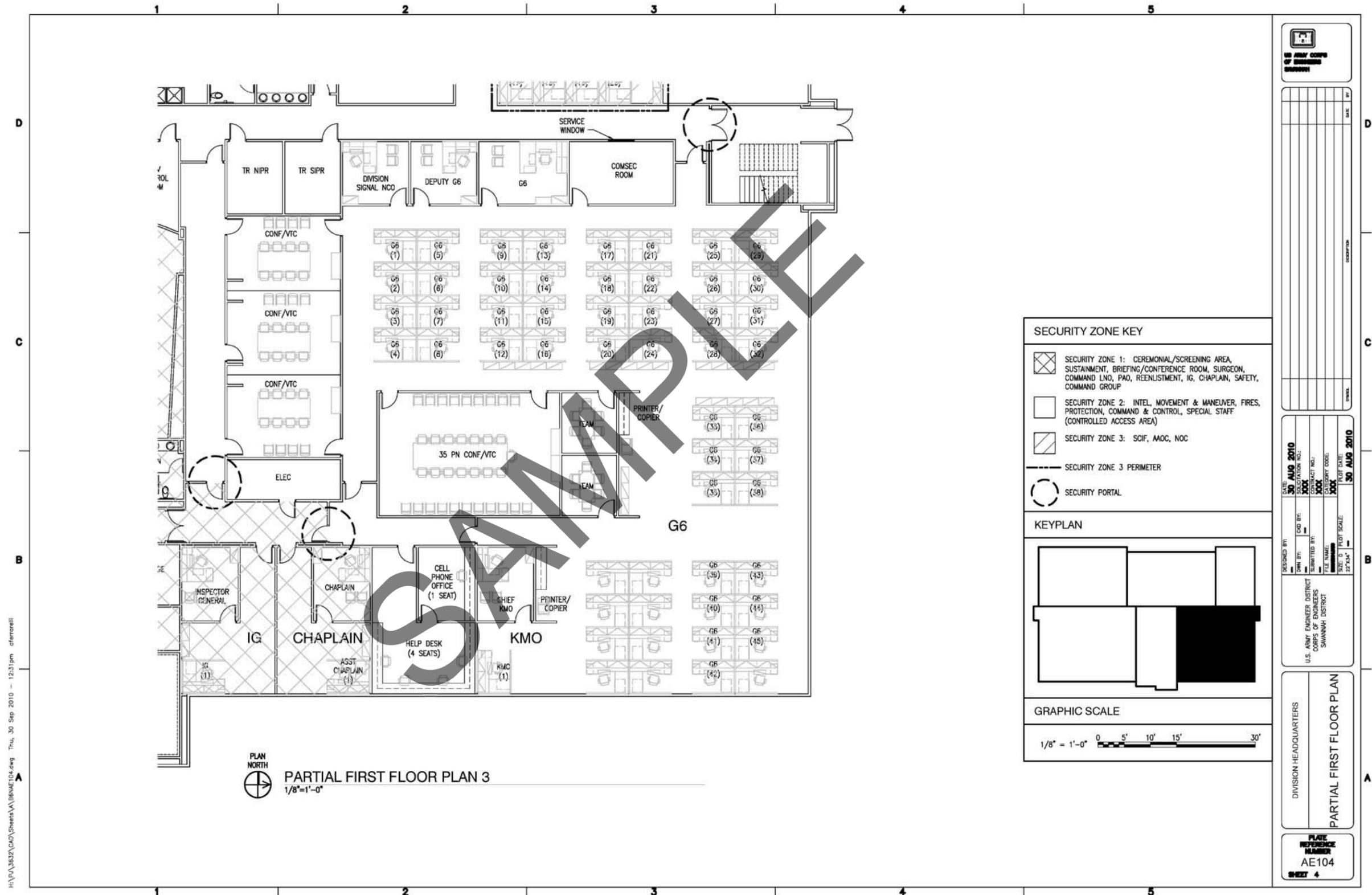


Figure C-105: Division/Corps C2F First Floor

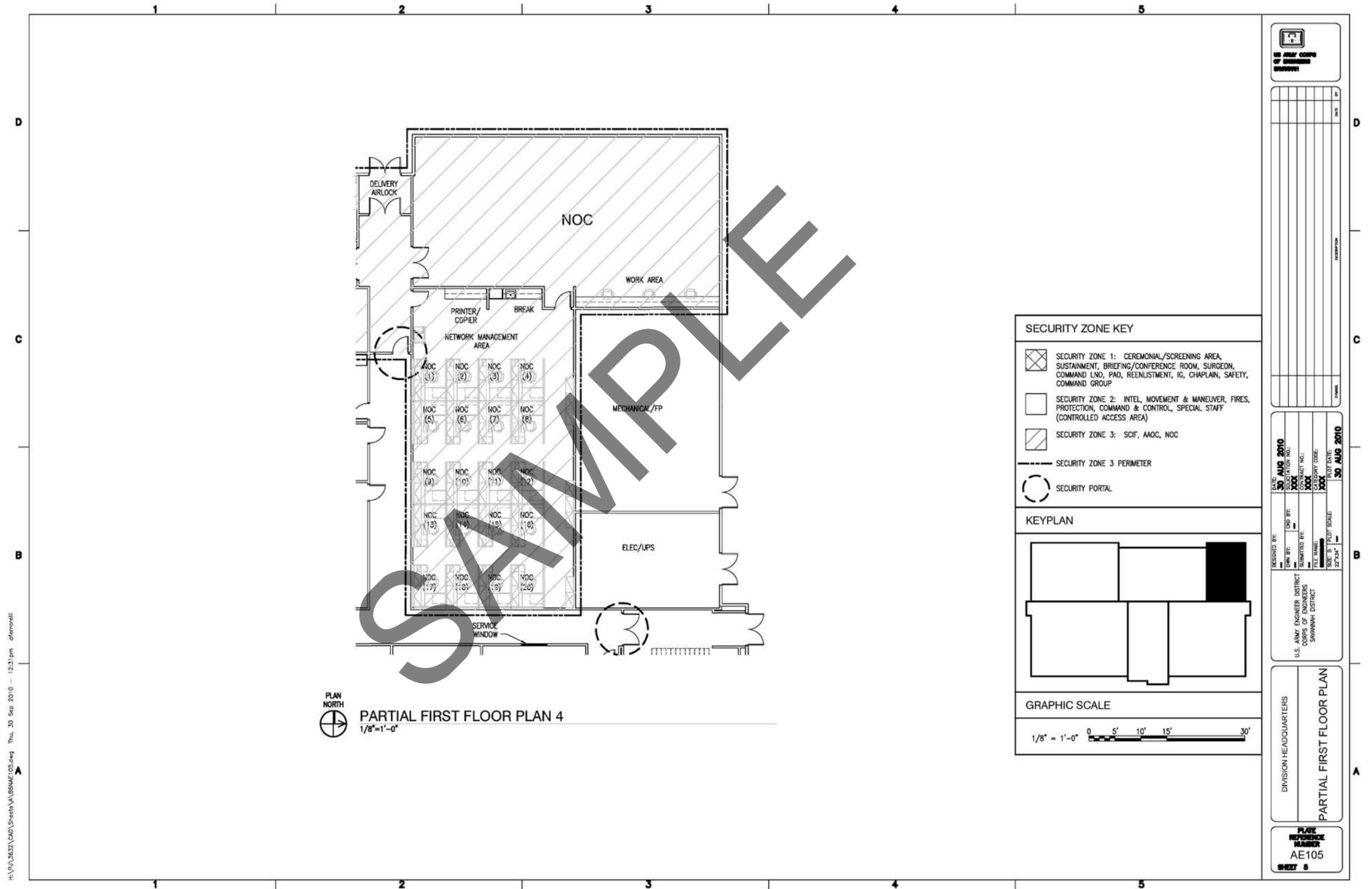


Figure C-107: Division/Corps C2F First Floor

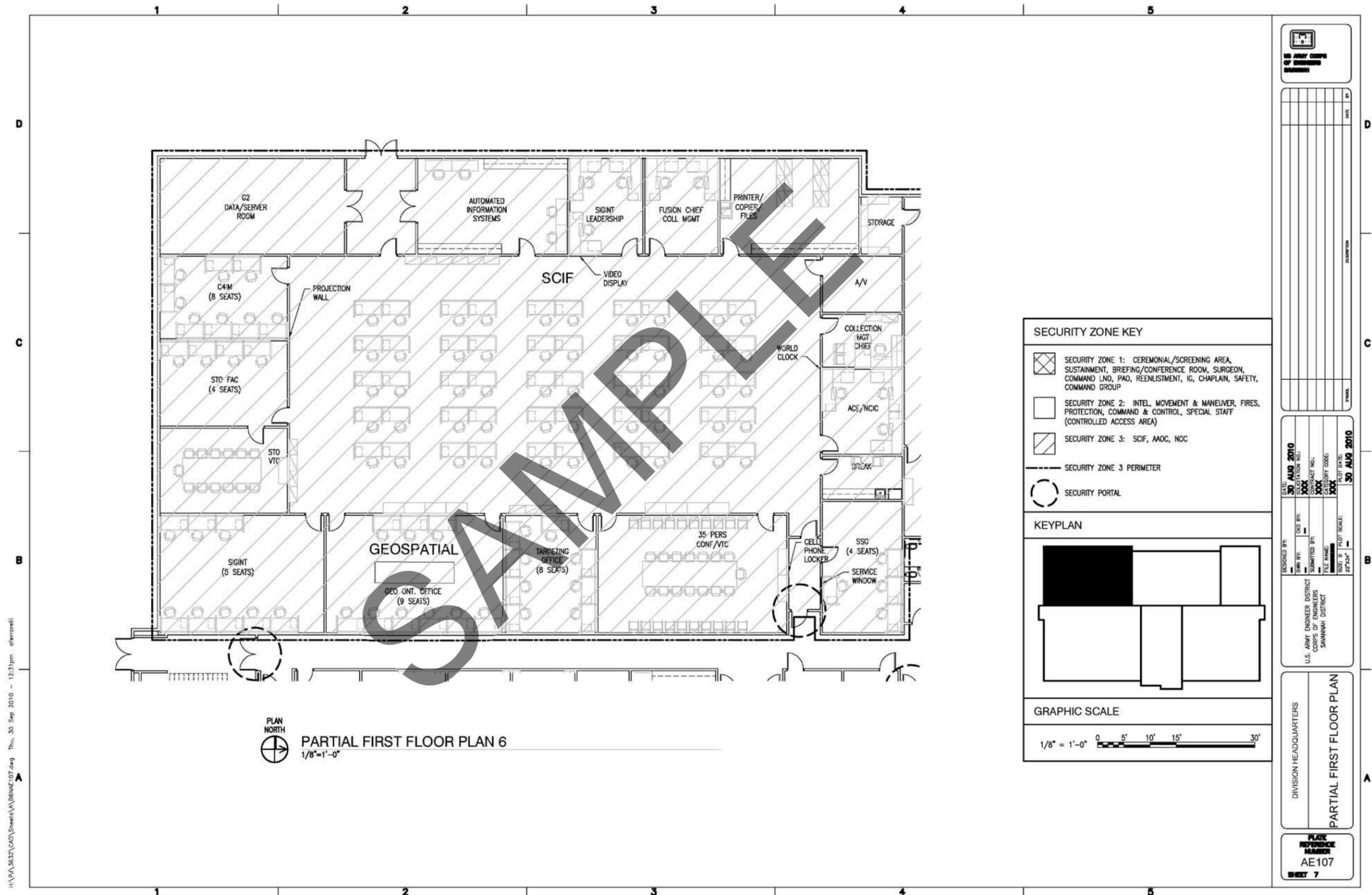


Figure C-202: Division/Corps C2F Second Floor



Figure C-204: Division/Corps C2F Second Floor

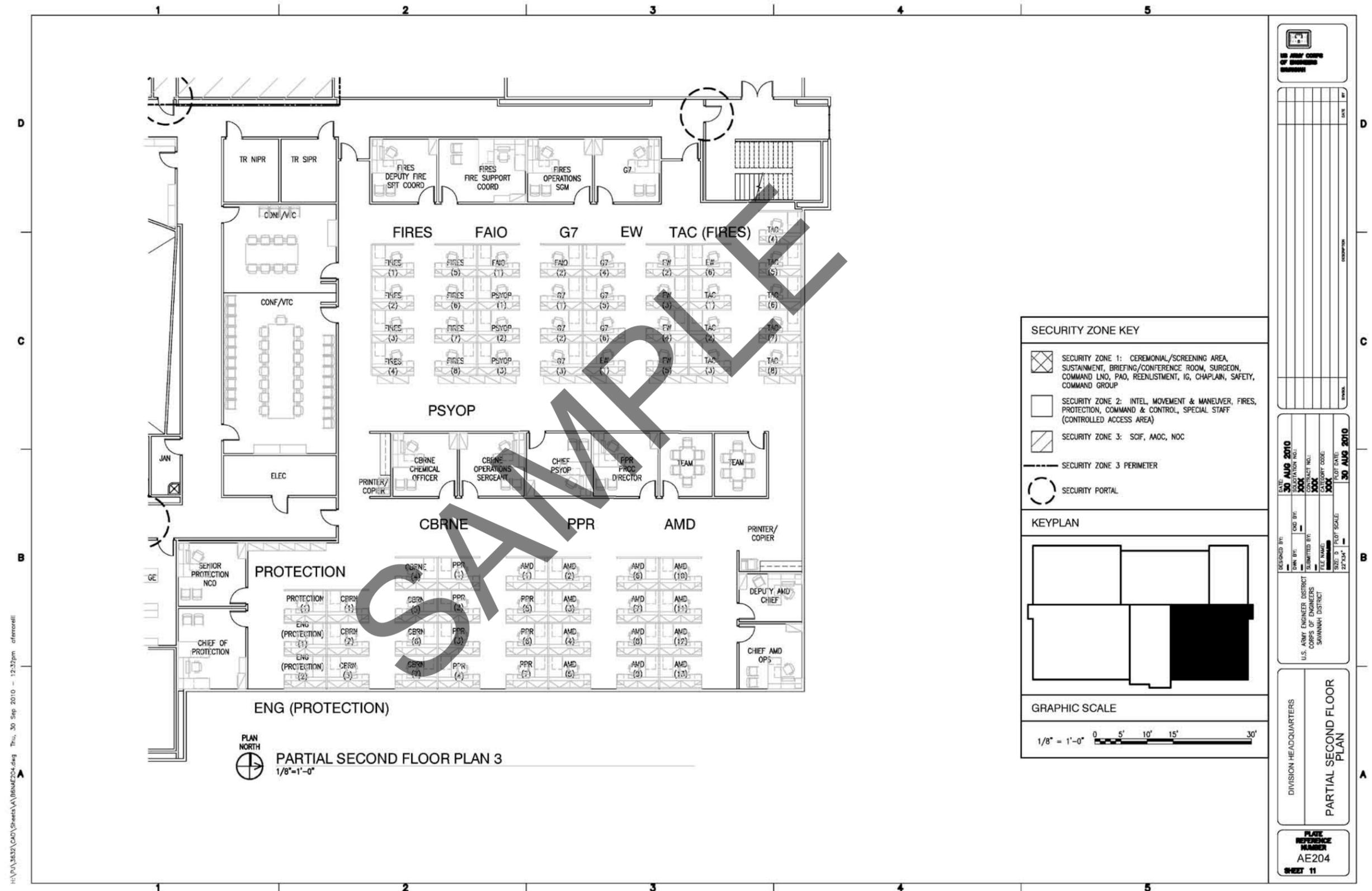
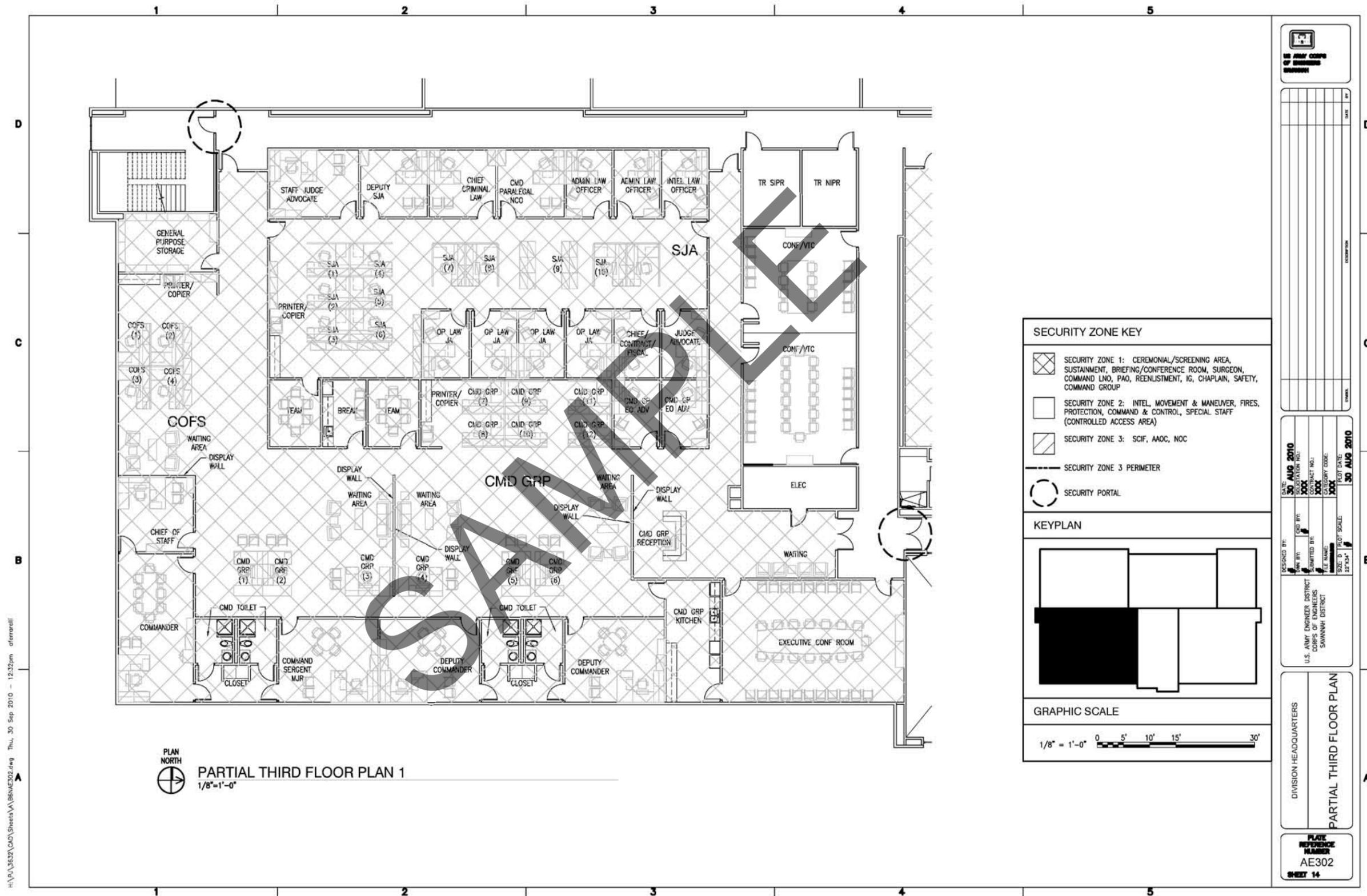


Figure C-301: Division/Corps C2F Third Floor



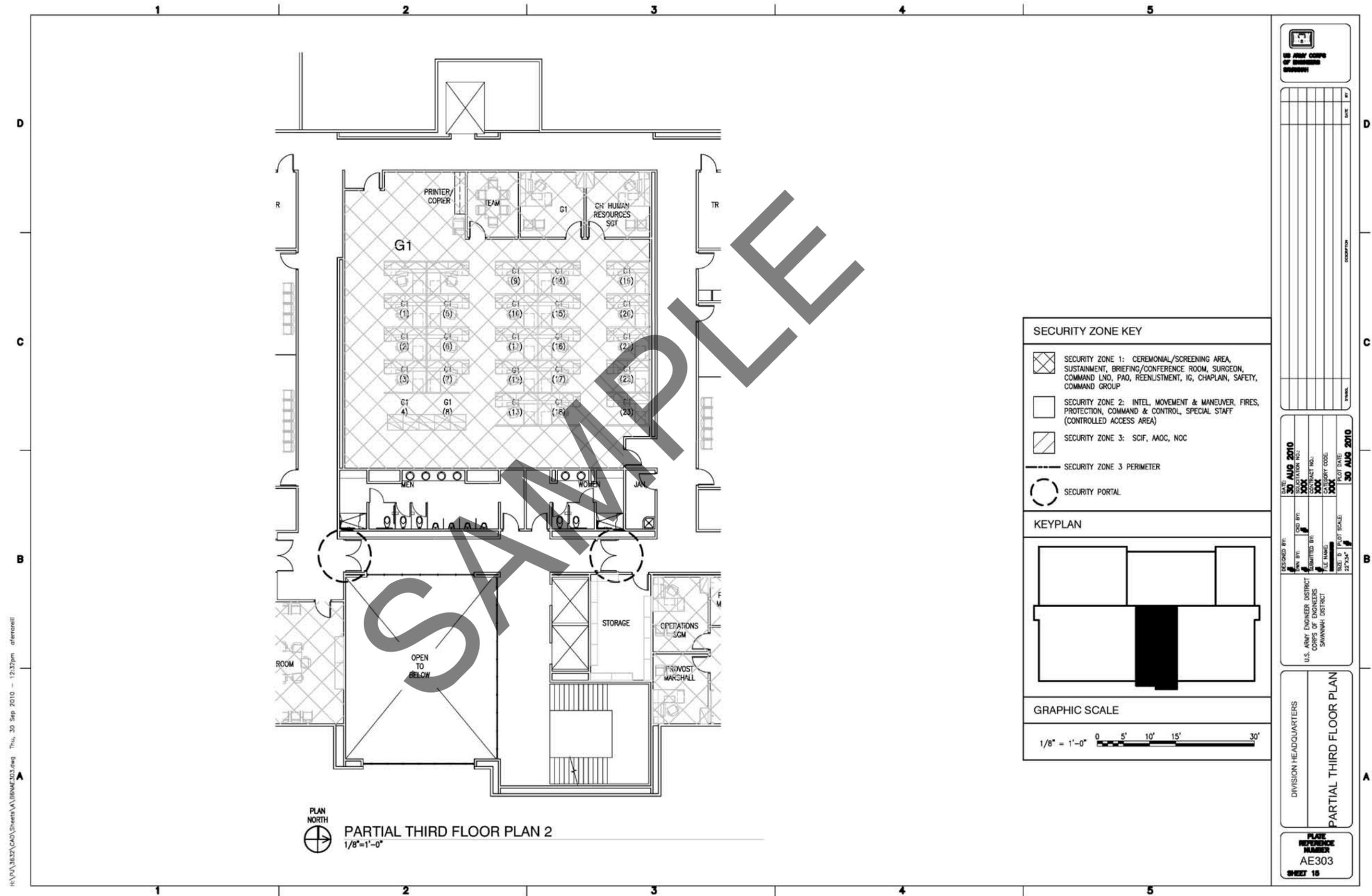
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Figure C-302: Division/Corps C2F Third Floor



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Figure C-303: Division/Corps C2F Third Floor



Section 3: Space Program Summaries and Details

Program Requirements: The following are the programmatic space requirements for a [Division] [Corps] Command and Control Facility:

Key for detailed Program (on following pages):

1. Square foot requirements shaded in light blue throughout the program are accounted at the bottom of program in the SCIF Program.
2. Square foot requirements shaded in light yellow throughout the program are accounted at the bottom of program in the Operation Center (OC) Program.
3. Square foot requirements shaded in green throughout the program are accounted at the bottom of program in the Network Operation Center (NOC) Program.

SAMPLE

DIV / CORPS PROGRAMMING REQUIREMENTS

| C2F PROGRAM - DIVISION | | | | | | |
|---|-------------------------|---------------------------|-----------------|----------------|---------------|-----------------------|
| 30-Sep-10 | | | | | | |
| DIVISION PROGRAM SUMMARY | | | | | | |
| 6x8 Cubicles with 100% Circulation | | | | | | |
| PERSONNEL REQUIREMENTS SUMMARY | | | | | | |
| Command | Personnel | | | | | |
| DIVISION Standard Total Personnel | 551 | | | | | |
| Total Admin Personnel | 451 | | | | | |
| Grand Total HQ Facility Personnel | | | | | | 551 |
| AREA REQUIREMENTS SUMMARY | | | | | | |
| DESCRIPTION | | | | | | PROGRAMMED NSF |
| | ADMIN SPACES NSF | SPECIAL SPACES NSF | SCIF NSF | NOC NSF | OC NSF | |
| Total Programmed Area Requirements | 31,356 | 16,982 | 7,044 | 2,626 | 4,386 | 62,394 |
| Total Intra - Office Circulation | 27,842 | 4,246 | 4,029 | 1,197 | 1,685 | 38,998 |
| Subtotal 1 (All Programmed Area Requirements) (NSF) | | | | | | 101,392 |
| CALCULATIONS FOR PROGRAMMING GSF | | | | | | |
| PART 2 | | | | | | |
| Electrical (1% of Subtotal 1) | | | | | | 1,014 |
| Telecommunications (4% of Subtotal 1) | | | | | | 4,056 |
| Subtotal 2 (Subtotal 1 Plus, Elec, Telecom) (SF) | | | | | | 106,461 |
| PART 3 | | | | | | |
| Primary Egress and Inter-Organizational Circulation (25%) (General Building Circulation Includes: Primary Egress, Locker/Shower Area, Building Toilets, Janitor Area, Space For AAFES, Recycle Closet) | | | | | | 26,615 |
| Subtotal 3 (Subtotal 2 Plus General Building Circulation) (SF) | | | | | | 133,077 |
| PART 4 | | | | | | |
| Mechanical (7% of Subtotal 1) | | | | | | 9,315 |
| Grand Total HQ Facility Area Requirements | | | | | | 142,392 |

DIV / CORPS PROGRAMMING REQUIREMENTS

[Note to RFP Preparer: When including an MSE with a Division, add an additional 75 PN to the Division total personnel and an additional 10,519 NSF of space.]

DIVISION Program Details

| DIVISION PROGRAM DETAILS | | | | | | |
|--------------------------|------------|--------------------|--|------------|-------------|-----------|
| DIRECTORATE | DIVISION | CATEGORY | POSITION DISPLAY | OFFICE NSF | OFFICE CIRC | TOTAL NSF |
| 001 | CMD | GRP | | | | |
| | 001 | CMD | GRP | | | |
| | | ADMIN OFFICE | | | | |
| | | | 01 1 COMMANDER - P2 - Private 02 | 300 | 75 | 375 |
| | | | 01 10 ENLISTED AIDE - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 01 11 VEHICLE DRIVER - OR - OPEN REGULAR | 112 | 134 | 246 |
| | | | 01 2 ASST DIVISION CDR - P3 - Private 03 | 200 | 50 | 250 |
| | | | 01 3 ASST DIVISION CDR - P3 - Private 03 | 200 | 50 | 250 |
| | | | 01 4 FAO - OR - OPEN REGULAR | 0 | 0 | 0 |
| | | | 01 5 AIDE-DE-CAMP - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 01 6 AIDE-DE-CAMP - OR - OPEN REGULAR | 112 | 134 | 246 |
| | | | 01 7 COMMAND SERGEANT MAJOR - P3 - Private 03 | 200 | 50 | 250 |
| | | | 01 8 EXECUTIVE ADMIN ASST - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 01 9 SR VEH DRIVER - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 02 1 FIRE SPT SERGEANT - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 02 2 SIG SUPPORT STAFF NCO - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 02 3 VEHICLE DRIVER - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 03 1 COMMANDER - P3 - Private 03 | 200 | 50 | 250 |
| | | | 03 2 OPERATIONS SERGEANT - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 425 01 CME - OR - OPEN REGULAR | 168 | 202 | 370 |
| | | ADMIN OFFICE Total | | 1,940 | 1,283 | 3,223 |
| | | ADMIN SPECIAL | | | | |
| | | | - CTA - CMD TOILET | 216 | 54 | 270 |
| | | | - ECA - EXECUTIVE CONFERENCE ROOM | 805 | 201 | 1,006 |
| | | | - KTA - KITCHEN (CMD GRP) | 100 | 25 | 125 |

DIV / CORPS PROGRAMMING REQUIREMENTS

| DIVISION PROGRAM DETAILS | | | | | | |
|--------------------------|--------------------------|---------------------|---|--------------|--------------|--------------|
| DIRECTORATE | DIVISION | CATEGORY | POSITION DISPLAY | OFFICE NSF | OFFICE CIRC | TOTAL NSF |
| | | | - P6A - VISITING GO OFFICE | 380 | 95 | 475 |
| | | | - PCA - PRINTER/COPIER | 96 | 24 | 120 |
| | | | - RAA - RECEPTION | 250 | 63 | 313 |
| | | | - TEA - TEAM ROOM | 120 | 30 | 150 |
| | | ADMIN SPECIAL Total | | 1,967 | 492 | 2,459 |
| | 001 CMD GRP Total | | | 3,907 | 1,775 | 5,682 |
| | 002 COFS | | | | | |
| | | ADMIN OFFICE | | | | |
| | | | 04 1 CHIEF OF STAFF - P3 - Private 03 | 200 | 50 | 250 |
| | | | 04 2 SECY GENERAL STAFF - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 04 3 VEHICLE DRIVER - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 05 1 LIAISON OFFICER - OR - OPEN REGULAR | 224 | 269 | 493 |
| | | | 05 2 LIAISON OFFICER - OR - OPEN REGULAR | 224 | 269 | 493 |
| | | | 06 1 CHIEF, KM - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 06 2 BTL CMD SYS OPR - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 07 1 CHIEF ASSESSMENT OFFICER - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 07 2 ASSESSMENT OFFICER - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 08 1 CHIEF RED TM - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 08 2 RED TM MEMBER - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 08 3 RED TM MEMBER - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | ADMIN OFFICE Total | | 1,152 | 1,192 | 2,344 |
| | | ADMIN SPECIAL | | | | |
| | | | - PCA - PRINTER/COPIER | 96 | 24 | 120 |
| | | | - TEA - TEAM ROOM | 120 | 30 | 150 |
| | | ADMIN SPECIAL Total | | 216 | 54 | 270 |
| | 002 COFS Total | | | 1,368 | 1,246 | 2,614 |
| 001 CMD GRP Total | | | | 5,275 | 3,021 | 8,296 |

DIV / CORPS PROGRAMMING REQUIREMENTS

| DIVISION PROGRAM DETAILS | | | | | | |
|--------------------------|---------------------|---------------------|---|------------|-------------|--------------|
| DIRECTORATE | DIVISION | CATEGORY | POSITION DISPLAY | OFFICE NSF | OFFICE CIRC | TOTAL NSF |
| 002 SPECIAL STAFF | | | | | | |
| | 001 IG | | | | | |
| | | ADMIN OFFICE | | | | |
| | | | 09 1 INSPECTOR GENERAL - P3 - Private 03 | 200 | 50 | 250 |
| | | | 09 2 DEPUTY IG - P4 - Private 04 | 150 | 38 | 188 |
| | | | 09 3 INSPECTOR GENERAL NCO - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 09 4 INSPECTOR GENERAL NCO - OR - OPEN REGULAR | 224 | 269 | 493 |
| | | | 09 5 HUMAN RESOURCES SPC - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | ADMIN OFFICE Total | | 686 | 491 | 1,177 |
| | | ADMIN SPECIAL | | | | |
| | | | - FCA - FILES | 88 | 22 | 110 |
| | | ADMIN SPECIAL Total | | 88 | 22 | 110 |
| | 001 IG Total | | | 774 | 513 | 1,287 |
| | 002 PAO | | | | | |
| | | ADMIN OFFICE | | | | |
| | | | 10 1 PUBLIC AFFAIRS OFFICER - P4 - Private 04 | 150 | 38 | 188 |
| | | | 10 2 SR PUBLIC AFFAIRS NCO - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 11 1 PUBLIC AFFAIRS OPS NCO - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 11 2 PUBLIC AFFAIRS NCO - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 11 3 PUBLIC AFFAIRS SGT - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 12 1 PUBLIC AFFAIRS OFFICER - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 12 2 PUBLIC AFFAIRS OPS NCO - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | ADMIN OFFICE Total | | 486 | 441 | 927 |
| | | ADMIN SPECIAL | | | | |
| | | | - FCA - FILES | 88 | 22 | 110 |
| | | | - PCA - PRINTER/COPIER | 96 | 24 | 120 |
| | | | - STA - GENERAL PURPOSE STORAGE | 96 | 24 | 120 |
| | | ADMIN SPECIAL Total | | 280 | 70 | 350 |

DIV / CORPS PROGRAMMING REQUIREMENTS

| DIVISION PROGRAM DETAILS | | | | | | |
|--------------------------|--------------------------------|---------------------|--|--------------|-------------|--------------|
| DIRECTORATE | DIVISION | CATEGORY | POSITION DISPLAY | OFFICE NSF | OFFICE CIRC | TOTAL NSF |
| | 002 PAO Total | | | 766 | 511 | 1,277 |
| | 002 SPECIAL STAFF | | | | | |
| | | ADMIN SPECIAL | | | | |
| | | | - CMA - 24 PERS CONF/VTC | 1,144 | 286 | 1,430 |
| | | ADMIN SPECIAL Total | | 1,144 | 286 | 1,430 |
| | 002 SPECIAL STAFF Total | | | 1,144 | 286 | 1,430 |
| | 003 SJA | | | | | |
| | | ADMIN OFFICE | | | | |
| | | | 13 1 STAFF JUDGE ADVOCATE - P3 - Private 03 | 200 | 50 | 250 |
| | | | 13 2 DEPUTY SJA - P4 - Private 04 | 150 | 38 | 188 |
| | | | 13 3 LEGAL ADMINISTRATOR - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 13 4 COMMAND PARALEGAL NCO - P4 - Private 04 | 150 | 38 | 188 |
| | | | 14 1 OPLAW JA - P5 - Private 05 | 220 | 55 | 275 |
| | | | 15 1 CHIEF CRIMINAL LAW - P5 - Private 05 | 110 | 28 | 138 |
| | | | 15 2 TRIAL COUNSEL - P5 - Private 05 | 110 | 28 | 138 |
| | | | 15 3 CHIEF PARALEGAL NCO - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 15 4 SENIOR COURT REPORTER - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 15 5 COURT REPORTER - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 15 6 PARALEGAL NCO - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 15 7 COURT REPORTER - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 16 1 OPLAW JA - P5 - Private 05 | 220 | 55 | 275 |
| | | | 16 2 OPS LAW NCO - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 17 1 ADMIN/CIVIL LAW JA - P5 - Private 05 | 220 | 55 | 275 |
| | | | 17 2 PARALEGAL NCO - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 18 1 INTL LAW OFF - P5 - Private 05 | 110 | 28 | 138 |
| | | | 18 2 PARALEGAL NCO - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 19 1 CHIEF/CONTRACT/FISCAL LAW - P5 - Private 05 | 110 | 28 | 138 |
| | | | 19 2 PARALEGAL SPECIALIST - OR - OPEN REGULAR | 56 | 67 | 123 |

DIV / CORPS PROGRAMMING REQUIREMENTS

| DIVISION PROGRAM DETAILS | | | | | | |
|--------------------------|----------|--------------------------------|---|--------------|--------------|--------------|
| DIRECTORATE | DIVISION | CATEGORY | POSITION DISPLAY | OFFICE NSF | OFFICE CIRC | TOTAL NSF |
| | | | 34 1 LEGAL OFFICER - P5 - Private 05 | 110 | 28 | 138 |
| | | | 34 2 OPS LAW NCO - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | ADMIN OFFICE Total | | 2,326 | 1,167 | 3,493 |
| | | ADMIN SPECIAL | | | | |
| | | | - CSA - 12 PER CONF/VTC | | | |
| | | | - FCA - FILES | 88 | 22 | 110 |
| | | | - PCA - PRINTER/COPIER | 96 | 24 | 120 |
| | | | - TEA - TEAM ROOM | 120 | 30 | 150 |
| | | ADMIN SPECIAL Total | | 304 | 76 | 380 |
| | | 003 SJA Total | | 2,630 | 1,243 | 3,873 |
| | | 004 CHAPLAIN | | | | |
| | | ADMIN OFFICE | | | | |
| | | | 20 1 CHAPLAIN - P4 - Private 04 | 150 | 38 | 188 |
| | | | 20 2 FAMILY LIFE CHAPLAIN - P5 - Private 05 | 110 | 28 | 138 |
| | | | 20 3 ASSISTANT CHAPLAIN - P5 - Private 05 | 110 | 28 | 138 |
| | | | 20 4 MASTER CHAP ASST NCO - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 20 5 CHAPLAIN ASSISTANT NCO - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 26 1 CHAPLAIN - OR - OPEN REGULAR | 0 | 0 | 0 |
| | | | 26 2 CHAPLAIN ASSISTANT NCO - OR - OPEN REGULAR | 0 | 0 | 0 |
| | | ADMIN OFFICE Total | | 482 | 227 | 709 |
| | | 004 CHAPLAIN Total | | 482 | 227 | 709 |
| | | 002 SPECIAL STAFF Total | | 5,796 | 2,779 | 8,575 |
| | | 003 MVR | | | | |
| | | 001 MVR | | | | |
| | | ADMIN OFFICE | | | | |
| | | | 02 1 G3 - P3 - Private 03 | 200 | 50 | 250 |
| | | | 02 2 CHIEF OPERATIONS SGT - P4 - Private 04 | 150 | 38 | 188 |
| | | | 02 3 VEHICLE DRIVER - OR - OPEN REGULAR | 56 | 67 | 123 |

DIV / CORPS PROGRAMMING REQUIREMENTS

| DIVISION PROGRAM DETAILS | | | | | | |
|--------------------------|----------------------|----------------------|---|--------------|-------------|--------------|
| DIRECTORATE | DIVISION | CATEGORY | POSITION DISPLAY | OFFICE NSF | OFFICE CIRC | TOTAL NSF |
| | | | 03 1 CHIEF OF OPERATIONS - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 03 2 OPERATIONS OFFICER - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 03 3 OPERATIONS OFFICER - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 03 4 OPERATIONS OFFICER - OR - OPEN REGULAR | 112 | 134 | 246 |
| | | | 03 5 OPERATIONS SERGEANT - OR - OPEN REGULAR | 112 | 134 | 246 |
| | | | 03 6 OPERATIONS SERGEANT - OR - OPEN REGULAR | 112 | 134 | 246 |
| | | ADMIN OFFICE Total | | 910 | 760 | 1,670 |
| | | ADMIN SPECIAL | | | | |
| | | | - CLA - 35 PERS CONF/VTC | 805 | 201 | 1,006 |
| | | | - STA - GENERAL PURPOSE STORAGE | 96 | 24 | 120 |
| | | ADMIN SPECIAL Total | | 901 | 225 | 1,126 |
| | 001 MVR Total | | | 1,811 | 985 | 2,796 |
| | 002 AC2 | | | | | |
| | | ADMIN OFFICE | | | | |
| | | | 35 1 ATASM TECH - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | ADMIN OFFICE Total | | 56 | 67 | 123 |
| | | ADMIN SPECIAL | | | | |
| | | | - TEA - TEAM ROOM | 120 | 30 | 150 |
| | | ADMIN SPECIAL Total | | 120 | 30 | 150 |
| | | OC WORKSTATION | | | | |
| | | | 04 1 ATASM TECH - AR - OC OPEN | 56 | 56 | 112 |
| | | | 04 2 A2C2 SERGEANT - AR - OC OPEN | 112 | 112 | 224 |
| | | | 04 3 OPERATIONS SERGEANT - AR - OC OPEN | 56 | 56 | 112 |
| | | | 04 4 SHIFT LEADER - AR - OC OPEN | 56 | 56 | 112 |
| | | | 04 5 TAIS OPERATOR - AR - OC OPEN | 112 | 112 | 224 |
| | | | 05 1 AIRSPACE MGMT OFFICER - A5 - OC PRIVATE 05 | 110 | 28 | 138 |
| | | | 05 2 A2C2 SERGEANT - AR - OC OPEN | 56 | 56 | 112 |
| | | OC WORKSTATION Total | | 558 | 476 | 1,034 |

DIV / CORPS PROGRAMMING REQUIREMENTS

| DIVISION PROGRAM DETAILS | | | | | | |
|--------------------------|----------------------|---------------------|---|--------------|-------------|--------------|
| DIRECTORATE | DIVISION | CATEGORY | POSITION DISPLAY | OFFICE NSF | OFFICE CIRC | TOTAL NSF |
| | 002 AC2 Total | | | 734 | 573 | 1,307 |
| | 003 AVN | | | | | |
| | | ADMIN OFFICE | | | | |
| | | | 06 1 AVIATION OFFICER - P5 - Private 05 | 110 | 28 | 138 |
| | | | 06 2 AVIATION OFFICER - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 06 3 UAS OPERATIONS OFFICER - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 06 4 AVIATION OPS SGT - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 06 5 ASST AVIATION OPS SGT - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 07 1 TAC OPS OFFICER - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 07 2 TAC OPS OFFICER - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 36 1 AVIATION OFFICER - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 36 2 ASST AVIATION OFFICER - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 36 3 ASST AVIATION OPS SGT - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 36 4 AVIATION OPS SP - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | ADMIN OFFICE Total | | 670 | 700 | 1,370 |
| | | ADMIN SPECIAL | | | | |
| | | | - PCA - PRINTER/COPIER | 96 | 24 | 120 |
| | | ADMIN SPECIAL Total | | 96 | 24 | 120 |
| | 003 AVN Total | | | 766 | 724 | 1,490 |
| | 003 MVR | | | | | |
| | | OC SPECIAL | | | | |
| | | | - DSO - OPS AREA SHIFT CONSOLE | 1,360 | 340 | 1,700 |
| | | OC SPECIAL Total | | 1,360 | 340 | 1,700 |
| | 003 MVR Total | | | 1,360 | 340 | 1,700 |
| | 004 GIS | | | | | |
| | | ADMIN OFFICE | | | | |
| | | | 08 1 GEOSPATIAL INFO TECH - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 08 2 SR GEOSPATIAL ENGR SGT - OR - OPEN REGULAR | 56 | 67 | 123 |

DIV / CORPS PROGRAMMING REQUIREMENTS

| DIVISION PROGRAM DETAILS | | | | | | |
|--------------------------|----------|------------------------|---|------------|-------------|--------------|
| DIRECTORATE | DIVISION | CATEGORY | POSITION DISPLAY | OFFICE NSF | OFFICE CIRC | TOTAL NSF |
| | | | 08 3 SQUAD LEADER - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 08 4 GEOSPATIAL ENGR SGT - OR - OPEN REGULAR | 112 | 134 | 246 |
| | | | 08 5 GEOSPATIAL ENGINEER - OR - OPEN REGULAR | 168 | 202 | 370 |
| | | | 08 6 GEOSPATIAL ENGINEER - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 08 7 GEOSPATIAL ENGINEER - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | ADMIN OFFICE Total | | 560 | 672 | 1,232 |
| | | ADMIN SPECIAL | | | | |
| | | | - FCA - FILES | | | |
| | | | - PCA - PRINTER/COPIER | 96 | 24 | 120 |
| | | ADMIN SPECIAL Total | | 96 | 24 | 120 |
| | | 004 GIS Total | | 656 | 696 | 1,352 |
| | | 005 ENG | | | | |
| | | ADMIN OFFICE | | | | |
| | | | 09 1 DIVISION ENGINEER - P5 - Private 05 | 110 | 28 | 138 |
| | | | 09 2 UTIL OPS & MAINT TECH - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 09 3 SR ENGINEER NCO - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 09 4 CONST OPS SGT - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 10 1 ENG OPS OFF - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 10 2 ASST OPERATIONS OFF - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | ADMIN OFFICE Total | | 390 | 364 | 754 |
| | | 005 ENG Total | | 390 | 364 | 754 |
| | | 006 SPACE | | | | |
| | | ADMIN OFFICE | | | | |
| | | | 11 1 SR SPACE OPS OFFICER - P5 - Private 05 | 110 | 28 | 138 |
| | | | 11 2 SPACE OPERATIONS OFFICER - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 11 3 SR SAT COM SYS OPR-MNT - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | ADMIN OFFICE Total | | 222 | 162 | 384 |
| | | 006 SPACE Total | | 222 | 162 | 384 |

DIV / CORPS PROGRAMMING REQUIREMENTS

| DIVISION PROGRAM DETAILS | | | | | | |
|--------------------------|------------------------|--------------------|---|------------|-------------|------------|
| DIRECTORATE | DIVISION | CATEGORY | POSITION DISPLAY | OFFICE NSF | OFFICE CIRC | TOTAL NSF |
| | 007 FUOPS | | | | | |
| | | ADMIN OFFICE | | | | |
| | | | 12 1 OPERATIONS OFFICER - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 12 2 PLANS OFFICER - OR - OPEN REGULAR | 112 | 134 | 246 |
| | | | 12 3 OPERATIONS OFFICER - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 12 4 OPERATIONS SERGEANT - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 12 5 OPERATIONS SERGEANT - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | ADMIN OFFICE Total | | 336 | 403 | 739 |
| | 007 FUOPS Total | | | 336 | 403 | 739 |
| | 008 PLANS | | | | | |
| | | ADMIN OFFICE | | | | |
| | | | 13 1 CHIEF OF PLANS - P4 - Private 04 | 150 | 38 | 188 |
| | | | 13 10 CIVIL AFFAIRS OFFICER - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 13 11 PLANS OFFICER - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 13 12 PLANS OFFICER - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 13 13 LOG PLANS OFF - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 13 14 OPERATIONS SERGEANT - P5 - Private 05 | 110 | 28 | 138 |
| | | | 13 15 OPERATIONS SERGEANT - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 13 16 SR INTEL SERGEANT - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 13 2 PLANS OFFICER - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 13 3 PROTECTION OFFICER - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 13 4 PLANS OFFICER - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 13 5 PLANS OFFICER - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 13 6 FE PLANS OFF - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 13 7 AVIATION OFFICER - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 13 8 IE PLANS OFFICER - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 13 9 INTEL PLANS OFF - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | ADMIN OFFICE Total | | 1,044 | 1,006 | 2,050 |

DIV / CORPS PROGRAMMING REQUIREMENTS

| DIVISION PROGRAM DETAILS | | | | | | |
|--------------------------|----------|---------------------------|---|---------------|--------------|---------------|
| DIRECTORATE | DIVISION | CATEGORY | POSITION DISPLAY | OFFICE NSF | OFFICE CIRC | TOTAL NSF |
| | | ADMIN SPECIAL | | | | |
| | | | - CSA - 12 PER CONF/VTC | | | |
| | | | - FCA - FILES | 88 | 22 | 110 |
| | | | - PCA - PRINTER/COPIER | 96 | 24 | 120 |
| | | | - TEA - TEAM ROOM | 120 | 30 | 150 |
| | | ADMIN SPECIAL Total | | 304 | 76 | 380 |
| | | 008 PLANS Total | | 1,348 | 1,082 | 2,430 |
| | | 009 CURR OPS | | | | |
| | | OC SPECIAL | | | | |
| | | | - CGO - OPS AREA CG JUMP STATION | 36 | 9 | 45 |
| | | | - LPO - SENIOR LEADER PLANNING OC | 600 | 150 | 750 |
| | | | - OPO - OC MISSION PLANNING ROOM | 1,000 | 250 | 1,250 |
| | | | - STO - GENERAL PURPOSE STORAGE | 96 | 24 | 120 |
| | | | - SAR - SITUATIONAL AWARENESS ROOM | 400 | 100 | 500 |
| | | OC SPECIAL Total | | 2,132 | 533 | 2,665 |
| | | OC WORKSTATION | | | | |
| | | | 33 1 OPERATIONS OFFICER - AR - OC OPEN | 112 | 112 | 224 |
| | | | 33 2 OPERATIONS OFFICER - AR - OC OPEN | 112 | 112 | 224 |
| | | | 33 3 ASST OPERATIONS SGT - AR - OC OPEN | 56 | 56 | 112 |
| | | | 33 4 OPERATIONS SERGEANT - AR - OC OPEN | 56 | 56 | 112 |
| | | OC WORKSTATION Total | | 336 | 336 | 672 |
| | | 009 CURR OPS Total | | 2,468 | 869 | 3,337 |
| | | 003 MVR Total | | 10,091 | 6,196 | 16,287 |
| | | 004 FIRES | | | | |
| | | 001 FIRES | | | | |
| | | ADMIN OFFICE | | | | |

DIV / CORPS PROGRAMMING REQUIREMENTS

| DIVISION PROGRAM DETAILS | | | | | | |
|--------------------------|----------|------------------------|--|------------|-------------|--------------|
| DIRECTORATE | DIVISION | CATEGORY | POSITION DISPLAY | OFFICE NSF | OFFICE CIRC | TOTAL NSF |
| | | | 14 1 FIRE SUPPORT COORD - P3 - Private 03 | 200 | 50 | 250 |
| | | | 14 2 OPERATIONS SGM - P4 - Private 04 | 150 | 38 | 188 |
| | | | 14 3 FIRE SPT SERGEANT - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 38 1 FIRE SUPPORT OFFICER - P5 - Private 05 | 110 | 28 | 138 |
| | | | 38 2 ASST FIRE SUPPORT OFF - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 38 3 FIRE SUPPORT NCO - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 38 4 FIRE CONTROL SGT - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | ADMIN OFFICE Total | | 684 | 384 | 1,068 |
| | | ADMIN SPECIAL | | | | |
| | | | - CSA - 12 PER CONF/VTC | 255 | 64 | 319 |
| | | ADMIN SPECIAL Total | | 255 | 64 | 319 |
| | | 001 FIRES Total | | 939 | 448 | 1,387 |
| | | 002 FS | | | | |
| | | ADMIN OFFICE | | | | |
| | | | 15 1 DEPUTY FIRE SPT COORD - P4 - Private 04 | 150 | 38 | 188 |
| | | | 15 2 FIRE SUPPORT OFFICER - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 15 3 TARGETING OFF - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 15 4 TARGETING OFF - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 15 5 FIRE SUPPORT NCO - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 15 6 FIRE SPT SERGEANT - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 15 7 FIRE CONTROL SGT - OR - OPEN REGULAR | 112 | 134 | 246 |
| | | | 15 8 FATDS SPECIALIST - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 16 1 ASST FIRE SPT COORD - P5 - Private 05 | 110 | 28 | 138 |
| | | | 16 2 TARGETING OFF - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | ADMIN OFFICE Total | | 764 | 670 | 1,434 |
| | | ADMIN SPECIAL | | | | |
| | | | - PCA - PRINTER/COPIER | 96 | 24 | 120 |
| | | | - TEA - TEAM ROOM | 120 | 30 | 150 |

DIV / CORPS PROGRAMMING REQUIREMENTS

| DIVISION PROGRAM DETAILS | | | | | | |
|--------------------------|-----------------|---------------|--|------------|-------------|--------------|
| DIRECTORATE | DIVISION | CATEGORY | POSITION DISPLAY | OFFICE NSF | OFFICE CIRC | TOTAL NSF |
| | | ADMIN SPECIAL | Total | 216 | 54 | 270 |
| | 002 FS | Total | | 980 | 724 | 1,704 |
| | 003 FAIO | | | | | |
| | | ADMIN OFFICE | | | | |
| | | | 17 1 FA INTEL OFF - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 17 2 FA INTEL OFF - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | ADMIN OFFICE | Total | 112 | 134 | 246 |
| | 003 FAIO | Total | | 112 | 134 | 246 |
| | 004 EW | | | | | |
| | | ADMIN OFFICE | | | | |
| | | | 18 1 EW OFFICER - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 18 2 EW OFFICER - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 18 3 TARGETING OFF - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 18 4 SPECTRUM MGT CH - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 18 5 ELECTRO SPECTRUM MGR - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | ADMIN OFFICE | Total | 280 | 336 | 616 |
| | 004 EW | Total | | 280 | 336 | 616 |
| | 005 TACP | | | | | |
| | | ADMIN OFFICE | | | | |
| | | | 19 1 AIR FORCE STAFF OFFICER - OR - OPEN REGULAR | 280 | 336 | 616 |
| | | | 19 2 AIR FORCE STAFF NCO - OR - OPEN REGULAR | 448 | 538 | 986 |
| | | ADMIN OFFICE | Total | 728 | 874 | 1,602 |
| | | ADMIN SPECIAL | | | | |
| | | | - FCA - FILES | 88 | 22 | 110 |
| | | | - PCA - PRINTER/COPIER | 96 | 24 | 120 |
| | | ADMIN SPECIAL | Total | 184 | 46 | 230 |
| | 005 TACP | Total | | 912 | 920 | 1,832 |

DIV / CORPS PROGRAMMING REQUIREMENTS

| DIVISION PROGRAM DETAILS | | | | | | |
|--------------------------|-----------------------|-----------------------------|--|--------------|--------------|--------------|
| DIRECTORATE | DIVISION | CATEGORY | POSITION DISPLAY | OFFICE NSF | OFFICE CIRC | TOTAL NSF |
| 004 FIRES | | | | | | |
| Total | | | | 3,223 | 2,561 | 5,784 |
| 005 PROTECTION | | | | | | |
| | 001 PROTECTION | | | | | |
| | | ADMIN OFFICE | | | | |
| | | | 20 1 CHIEF OF PROTECTION - P3 - Private 03 | 200 | 50 | 250 |
| | | | 20 2 SENIOR PROTECTION NCO - P4 - Private 04 | 150 | 38 | 188 |
| | | | 20 3 VEHICLE DRIVER - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 21 1 OPERATIONS OFFICER - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 21 2 OPERATIONS NCO - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 321B 06 SPV SFTY & OCC HLTH SP - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 321B 07 SFTY & OCC HLTH SP - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 321B 08 SFTY & OCC HLTH SP - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 321B 09 SFTY & OCC HLTH SP - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 321B 10 SFTY & OCC HLTH SP - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | ADMIN OFFICE Total | | 798 | 625 | 1,423 |
| | | ADMIN SPECIAL | | | | |
| | | | - CMA - 24 PERS CONF/VTC | 1,144 | 286 | 1,430 |
| | | | - FCA - FILES | 88 | 22 | 110 |
| | | | - PCA - PRINTER/COPIER | 96 | 24 | 120 |
| | | ADMIN SPECIAL Total | | 1,328 | 332 | 1,660 |
| | | 001 PROTECTION Total | | 2,126 | 957 | 3,083 |
| | 002 PMO | | | | | |
| | | ADMIN OFFICE | | | | |
| | | | 22 1 PROVOST MARSHAL - P4 - Private 04 | 150 | 38 | 188 |
| | | | 22 2 DEPUTY PROVOST MARSHAL - P5 - Private 05 | 110 | 28 | 138 |
| | | | 22 3 OPSEC OFFICER - OR - OPEN REGULAR | 56 | 67 | 123 |

DIV / CORPS PROGRAMMING REQUIREMENTS

| DIVISION PROGRAM DETAILS | | | | | | |
|--------------------------|----------------------|--------------------|---|------------|-------------|--------------|
| DIRECTORATE | DIVISION | CATEGORY | POSITION DISPLAY | OFFICE NSF | OFFICE CIRC | TOTAL NSF |
| | | | 22 4 CID SPECIAL AGENT - OR - OPEN REGULAR | 0 | 0 | 0 |
| | | | 22 5 OPERATIONS SGM - P5 - Private 05 | 110 | 28 | 138 |
| | | | 22 6 OPERATIONS NCO - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 22 7 I/R NCO - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 22 8 CID SPECIAL AGENT - OR - OPEN REGULAR | 0 | 0 | 0 |
| | | | 39 1 DEPUTY PROVOST MARSHAL - P5 - Private 05 | 110 | 28 | 138 |
| | | | 39 2 OPERATIONS NCO - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | ADMIN OFFICE Total | | 704 | 389 | 1,093 |
| | 002 PMO Total | | | 704 | 389 | 1,093 |
| | 003 ENG | | | | | |
| | | ADMIN OFFICE | | | | |
| | | | 23 1 ENG OPS OFF - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 23 2 OPERATIONS SERGEANT - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | ADMIN OFFICE Total | | 112 | 134 | 246 |
| | 003 ENG Total | | | 112 | 134 | 246 |
| | 004 AMD | | | | | |
| | | ADMIN OFFICE | | | | |
| | | | 24 1 CHIEF AMD OPS - P4 - Private 04 | 150 | 38 | 188 |
| | | | 24 2 AMD OPS OFF - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 24 3 OPERATIONS SERGEANT - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 24 4 ASST OPERATIONS SGT - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 24 5 OPERATIONS ASSISTANT - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 40 1 DEP AMD CHIEF - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 40 2 C2 SYS INTEGRATOR - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 40 3 OPERATIONS NCO - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 40 4 TAIS OPERATOR - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | ADMIN OFFICE Total | | 598 | 575 | 1,173 |

DIV / CORPS PROGRAMMING REQUIREMENTS

| DIVISION PROGRAM DETAILS | | | | | | |
|--------------------------|------------------------------|---------------------|--|--------------|--------------|--------------|
| DIRECTORATE | DIVISION | CATEGORY | POSITION DISPLAY | OFFICE NSF | OFFICE CIRC | TOTAL NSF |
| | 004 AMD Total | | | 598 | 575 | 1,173 |
| | 005 CBRNE | | | | | |
| | | ADMIN OFFICE | | | | |
| | | | 25 1 CBRN OFFICER - P4 - Private 04 | 150 | 38 | 188 |
| | | | 25 2 CBRN OFFICER - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 25 3 EOD OFFICER - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 25 4 CBRN OFFICER - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 25 5 CBRN SGM - P5 - Private 05 | 110 | 28 | 138 |
| | | | 25 6 OPERATIONS SERGEANT - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 25 7 CBRN STAFF NCO - OR - OPEN REGULAR | 112 | 134 | 246 |
| | | | 41 1 CBRN OFFICER - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 41 2 CBRN STAFF NCO - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | ADMIN OFFICE Total | | 708 | 603 | 1,311 |
| | | ADMIN SPECIAL | | | | |
| | | | - PCA - PRINTER/COPIER | 96 | 24 | 120 |
| | | | - TEA - TEAM ROOM | 120 | 30 | 150 |
| | | ADMIN SPECIAL Total | | 216 | 54 | 270 |
| | 005 CBRNE Total | | | 924 | 657 | 1,581 |
| | 006 PERS RECVRY | | | | | |
| | | ADMIN OFFICE | | | | |
| | | | 26 1 PRCC DIR - P4 - Private 04 | 150 | 38 | 188 |
| | | | 26 2 PLANS OFFICER - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 26 3 CONTROLLER/PLANNER - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 26 4 SR INTEL SERGEANT - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | ADMIN OFFICE Total | | 318 | 239 | 557 |
| | 006 PERS RECVRY Total | | | 318 | 239 | 557 |
| | 005 PROTECTION Total | | | 4,782 | 2,951 | 7,733 |
| | 006 C2 | | | | | |

DIV / CORPS PROGRAMMING REQUIREMENTS

| DIVISION PROGRAM DETAILS | | | | | | |
|---------------------------------|------------------------|--------------------|---|-------------------|--------------------|------------------|
| DIRECTORATE | DIVISION | CATEGORY | POSITION DISPLAY | OFFICE NSF | OFFICE CIRC | TOTAL NSF |
| | 001 G7 | | | | | |
| | | ADMIN OFFICE | | | | |
| | | | 27 1 G7 - P4 - Private 04 | 150 | 38 | 188 |
| | | | 27 2 SR PUBLIC AFFAIRS NCO - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 28 1 IE ASSESSMENT - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 28 2 IE OPS OPSEC - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | ADMIN OFFICE Total | | 318 | 239 | 557 |
| | 001 G7 Total | | | 318 | 239 | 557 |
| | 002 PSYOP | | | | | |
| | | ADMIN OFFICE | | | | |
| | | | 29 1 CHIEF PSYOP - P4 - Private 04 | 150 | 38 | 188 |
| | | | 29 2 PSYOP OFFICER - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 29 3 SR OPERATIONS SERGEANT - P5 - Private 05 | 110 | 28 | 138 |
| | | | 29 4 PSYOP SERGEANT - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | ADMIN OFFICE Total | | 372 | 199 | 571 |
| | 002 PSYOP Total | | | 372 | 199 | 571 |
| | 003 G9 | | | | | |
| | | ADMIN OFFICE | | | | |
| | | | 30 1 G9/CA OFF - P4 - Private 04 | 150 | 38 | 188 |
| | | | 31 1 CA OPERATIONS SERGEANT - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 31 2 CIVIL AFFAIRS NCO - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 32 1 CIVIL AFFAIRS OFFICER - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 32 2 CIVIL AFFAIRS NCO - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | ADMIN OFFICE Total | | 374 | 306 | 680 |
| | 003 G9 Total | | | 374 | 306 | 680 |
| | 004 G6 | | | | | |
| | | ADMIN OFFICE | | | | |
| | | | 02 1 G6 - P4 - Private 04 | 150 | 38 | 188 |

DIV / CORPS PROGRAMMING REQUIREMENTS

| DIVISION PROGRAM DETAILS | | | | | | |
|--------------------------|----------|----------|---|------------|-------------|-----------|
| DIRECTORATE | DIVISION | CATEGORY | POSITION DISPLAY | OFFICE NSF | OFFICE CIRC | TOTAL NSF |
| | | | 02 2 DEPUTY G6 - P5 - Private 05 | 110 | 28 | 138 |
| | | | 02 3 CHIEF SIGNAL NCO - P5 - Private 05 | 110 | 28 | 138 |
| | | | 03 1 CHIEF - P5 - Private 05 | 110 | 28 | 138 |
| | | | 03 2 EL SYS MNT WO - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 03 3 INFO SYS STAFF NCO - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 03 4 NETWORK CONTROL CHIEF - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 03 5 WIRE OPERATIONS NCO - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 03 6 NODAL OPS SYS NCO - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 03 7 XMSN SYS OPS NCO - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 03 8 SIGNAL SUPPORT SYS NCO - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 05 1 NETWORK ENGINEER - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 05 2 PLANS OFFICER - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 05 3 NETWORK OFFICER - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 05 4 NETWORK MGMT TECH - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 05 5 SR NETWORK PLANS NCO - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 05 6 CND PLANS NCO - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 05 7 ELECTRO SPECTRUM MGR - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 05 8 SATCOM OPNS NCO - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 06 1 CHIEF INFO MGMT OFF - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 06 2 INFORMATION SYS CHIEF - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 07 1 INFO SYS MGMT OFFICER - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 07 2 NETWORK OFFICER - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 07 3 INFO SYS TECH - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 07 4 IA STAFF NCO - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 07 5 IA STAFF ASSISTANT - OR - OPEN REGULAR | 112 | 134 | 246 |
| | | | 08 1 INFO SYS TECH - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 08 2 CND PLANS NCO - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 08 3 CND INTEGRATOR - OR - OPEN REGULAR | 56 | 67 | 123 |

DIV / CORPS PROGRAMMING REQUIREMENTS

| DIVISION PROGRAM DETAILS | | | | | | |
|--------------------------|----------|--------------------|--|------------|-------------|-----------|
| DIRECTORATE | DIVISION | CATEGORY | POSITION DISPLAY | OFFICE NSF | OFFICE CIRC | TOTAL NSF |
| | | | 10 1 SECTION CHIEF - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 10 2 SR INFO TECH SP - OR - OPEN REGULAR | 224 | 269 | 493 |
| | | | 10 3 INFO TECH SP - OR - OPEN REGULAR | 224 | 269 | 493 |
| | | | 10 4 CBL/ANT SYS SPL - OR - OPEN REGULAR | 224 | 269 | 493 |
| | | | 10 5 SIGNAL SUPPORT SYS SP - OR - OPEN REGULAR | 224 | 269 | 493 |
| | | | 18 1 XMSN SYS TEAM CHIEF - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 18 2 SR XMSN SYS OPR-MNT - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 18 3 XMSN SYS OPR-MNT - OR - OPEN REGULAR | 112 | 134 | 246 |
| | | | 18 4 XMSN SYS OPR-MNT - OR - OPEN REGULAR | 112 | 134 | 246 |
| | | | 21 1 SR XMSN SYS OPR-MNT - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 21 2 XMSN SYS OPR-MNT - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 21 3 XMSN SYS OPR-MNT - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 22 1 SECTION CHIEF - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 22 2 TEAM CHIEF - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 22 3 RADIO RETRANS OPR - OR - OPEN REGULAR | 112 | 134 | 246 |
| | | | 22 4 RADIO RETRANS OPR - OR - OPEN REGULAR | 112 | 134 | 246 |
| | | | 23 1 CHIEF - P5 - Private 05 | 110 | 28 | 138 |
| | | | 23 2 NETWORK OFFICER - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 23 3 INFO SYS TECH - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 23 4 SIGNAL SYSTEMS TECH - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 23 5 SR NETWORK OPS NCO - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 23 6 SIG SUPPORT STAFF NCO - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 23 7 ANALYSIS TEAM CHIEF - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 23 8 PLANS/OPERATIONS NCO - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 23 9 SR SOFTWARE ANALYST - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | ADMIN OFFICE Total | | 4,286 | 4,583 | 8,869 |
| | | ADMIN SPECIAL | | | | |
| | | | - CLA - 35 PERS CONF/VTC | 805 | 201 | 1,006 |

DIV / CORPS PROGRAMMING REQUIREMENTS

| DIVISION PROGRAM DETAILS | | | | | | |
|--------------------------|----------|-----------------------|---|--------------|--------------|---------------|
| DIRECTORATE | DIVISION | CATEGORY | POSITION DISPLAY | OFFICE NSF | OFFICE CIRC | TOTAL NSF |
| | | | - FCA - FILES | 176 | 44 | 220 |
| | | | - PCA - PRINTER/COPIER | 288 | 72 | 360 |
| | | | - STA - GENERAL PURPOSE STORAGE | 96 | 24 | 120 |
| | | | - TEA - TEAM ROOM | 240 | 60 | 300 |
| | | ADMIN SPECIAL Total | | 1,605 | 401 | 2,006 |
| | | NOC SPECIAL | | | | |
| | | | #N/A | 1,000 | 250 | 1,250 |
| | | | (blank) | 350 | 88 | 438 |
| | | NOC SPECIAL Total | | 1,350 | 338 | 1,688 |
| | | NOC WORKSTATION | | | | |
| | | | 04 1 NETWORKING OFFICER - N5 - NOC PRIVATE 05 | 110 | 28 | 138 |
| | | | 04 10 XMSN SYS OPS NCO - NR - NOC OPEN | 48 | 48 | 96 |
| | | | 04 11 SR LAN MGR - NR - NOC OPEN | 48 | 48 | 96 |
| | | | 04 12 SR IP SWITCH SYS RPR - NR - NOC OPEN | 48 | 48 | 96 |
| | | | 04 13 LAN MGR - NR - NOC OPEN | 48 | 48 | 96 |
| | | | 04 2 TELECOM SYSTEMS ENG - NR - NOC OPEN | 48 | 48 | 96 |
| | | | 04 3 NETWORK OFFICER - NR - NOC OPEN | 48 | 48 | 96 |
| | | | 04 4 NETWORK MGMT TECH - NR - NOC OPEN | 48 | 48 | 96 |
| | | | 04 5 CHIEF SIGNAL NCO - N5 - NOC PRIVATE 05 | 110 | 28 | 138 |
| | | | 04 6 SPECTRUM MGT CH - NR - NOC OPEN | 48 | 48 | 96 |
| | | | 04 7 SATCOM OPNS NCO - NR - NOC OPEN | 48 | 48 | 96 |
| | | | 04 8 NETWORK CONTROL CHIEF - NR - NOC OPEN | 48 | 48 | 96 |
| | | | 04 9 NET MGT SYS OPR-MNT - NR - NOC OPEN | 48 | 48 | 96 |
| | | | 09 1 COMSEC CUSTODIAN - NR - NOC OPEN | 48 | 48 | 96 |
| | | | 09 2 ASST COMSEC CUSTODIAN - NR - NOC OPEN | 96 | 96 | 192 |
| | | | 09 3 SR COMSEC CLERK - NR - NOC OPEN | 48 | 48 | 96 |
| | | NOC WORKSTATION Total | | 940 | 775 | 1,715 |
| | | 004 G6 Total | | 8,181 | 6,096 | 14,277 |

DIV / CORPS PROGRAMMING REQUIREMENTS

| DIVISION PROGRAM DETAILS | | | | | | |
|--------------------------|----------------------------|--------------------|---|--------------|--------------|---------------|
| DIRECTORATE | DIVISION | CATEGORY | POSITION DISPLAY | OFFICE NSF | OFFICE CIRC | TOTAL NSF |
| | 005 RETENTION | | | | | |
| | | ADMIN OFFICE | | | | |
| | | | 321A 09 CMD CAREER COUNSELOR - P4 - Private 04 | 150 | 38 | 188 |
| | | | 321A 10 SR CAREER COUNSELOR - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 321A 11 CAREER COUNSELOR - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 321A 12 CAREER COUNSELOR - OR - OPEN REGULAR | 0 | 0 | 0 |
| | | ADMIN OFFICE Total | | 262 | 172 | 434 |
| | 005 RETENTION Total | | | 262 | 172 | 434 |
| | 006 C2 | | | | | |
| | | NOC SPECIAL | | | | |
| | | | - NSN - NOC SHIFT STAFF | 144 | 36 | 180 |
| | | | - PCN - PRINTER/COPIER | 96 | 24 | 120 |
| | | | - STN - GENERAL PURPOSE STORAGE | 96 | 24 | 120 |
| | | NOC SPECIAL Total | | 336 | 84 | 420 |
| | 006 C2 Total | | | 336 | 84 | 420 |
| 006 C2 Total | | | | 9,843 | 7,097 | 16,940 |
| 007 INTEL | | | | | | |
| | 001 G2 | | | | | |
| | | SCIF SPECIAL | | | | |
| | | | - SAS - SAP FACILITY | 500 | 125 | 625 |
| | | | - SFS - STO FACILITY | 500 | 125 | 625 |
| | | | - SPS - SCIF SECURE PLANNING ROOM | 500 | 125 | 625 |
| | | | - SSS - SCIF SHIFT STAFF | 768 | 192 | 960 |
| | | | - STS - GENERAL PURPOSE STORAGE | 96 | 24 | 120 |
| | | SCIF SPECIAL Total | | 2,364 | 591 | 2,955 |
| | | SCIF WORKSTATION | | | | |
| | | | 02 1 ACOFS G2 - S3 - SCIF PRIVATE 03 | 200 | 50 | 250 |
| | | | 02 2 DEPUTY G2 - S4 - SCIF PRIVATE 04 | 150 | 38 | 188 |

DIV / CORPS PROGRAMMING REQUIREMENTS

| DIVISION PROGRAM DETAILS | | | | | | |
|--------------------------|---------------------|--------------|--|--------------|-------------|--------------|
| DIRECTORATE | DIVISION | CATEGORY | POSITION DISPLAY | OFFICE NSF | OFFICE CIRC | TOTAL NSF |
| | | | 02 3 INTELLIGENCE SR SGT - S4 - SCIF PRIVATE 04 | 150 | 38 | 188 |
| | | | 37 1 INTELLIGENCE OFFICER - SR - SCIF OPEN STATION | 48 | 48 | 96 |
| | | | 37 2 OPERATIONS OFFICER - SR - SCIF OPEN STATION | 48 | 48 | 96 |
| | | | SCIF WORKSTATION Total | 596 | 221 | 817 |
| | 001 G2 Total | | | 2,960 | 812 | 3,772 |
| | 002 ISR | | | | | |
| | | ADMIN OFFICE | | | | |
| | | | 03 1 OPERATIONS OFFICER - P5 - Private 05 | 110 | 28 | 138 |
| | | | 03 2 IEW EQUIP TECH - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 03 3 SR INTEL SERGEANT - OR - OPEN REGULAR | 112 | 134 | 246 |
| | | | 03 4 INTEL SERGEANT - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 03 5 INTEL ANALYST - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 04 1 OPERATIONS OFFICER - OR - OPEN REGULAR | 112 | 134 | 246 |
| | | | 05 1 ASST SSO - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 05 2 INTEL SERGEANT - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 06 1 SQUAD LEADER - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 06 2 TEAM LEADER - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 06 3 MILITARY POLICE - OR - OPEN REGULAR | 112 | 134 | 246 |
| | | | 07 1 ALL SOURCE INTEL TECH - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 07 2 SR ASAS MASTER ANALYST - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 07 3 INTEL SERGEANT - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 07 4 INTEL ANALYST - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 07 5 INTEL ANALYST - OR - OPEN REGULAR | 112 | 134 | 246 |
| | | | 07 6 INTEL ANALYST - OR - OPEN REGULAR | 112 | 134 | 246 |
| | | | 08 1 INTEL ANALYST - OR - OPEN REGULAR | 112 | 134 | 246 |
| | | | 08 2 INTEL ANALYST - OR - OPEN REGULAR | 112 | 134 | 246 |
| | | | 08 3 INTEL ANALYST - OR - OPEN REGULAR | 112 | 134 | 246 |
| | | | 09 1 AIR FORCE STAFF OFFICER - OR - OPEN REGULAR | 56 | 67 | 123 |

DIV / CORPS PROGRAMMING REQUIREMENTS

| DIVISION PROGRAM DETAILS | | | | | | |
|--------------------------|------------|------------------------|---|--------------|--------------|--------------|
| DIRECTORATE | DIVISION | CATEGORY | POSITION DISPLAY | OFFICE NSF | OFFICE CIRC | TOTAL NSF |
| | | | 09 2 AIR FORCE STAFF NCO - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 09 3 AIR FORCE STAFF NCO - OR - OPEN REGULAR | 112 | 134 | 246 |
| | | | 09 4 VEHICLE DRIVER - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 38 1 TARGET OFFICER - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 38 2 ASAS MASTER ANALYST - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 40 1 AIR FORCE STAFF OFFICER - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 40 2 AIR FORCE STAFF NCO - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | ADMIN OFFICE Total | | 2,126 | 2,447 | 4,573 |
| | | ADMIN SPECIAL | | | | |
| | | | - PCA - PRINTER/COPIER | 96 | 24 | 120 |
| | | ADMIN SPECIAL Total | | 96 | 24 | 120 |
| | 002 | ISR Total | | 2,222 | 2,471 | 4,693 |
| | 003 | ACE | | | | |
| | | SCIF WORKSTATION | | | | |
| | | | 39 2 ASAS MASTER ANALYST - SR - SCIF OPEN STATION | 48 | 48 | 96 |
| | | | 39 3 INTEL ANALYST - SR - SCIF OPEN STATION | 48 | 48 | 96 |
| | | | 39 4 INTEL ANALYST - SR - SCIF OPEN STATION | 48 | 48 | 96 |
| | | | 39 5 INTEL ANALYST - SR - SCIF OPEN STATION | 48 | 48 | 96 |
| | | SCIF WORKSTATION Total | | 192 | 192 | 384 |
| | 003 | ACE Total | | 192 | 192 | 384 |
| | 003 | LINGUIST | | | | |
| | | ADMIN OFFICE | | | | |
| | | | 10 1 INTELLIGENCE OFFICER - OR - OPEN REGULAR | 0 | 0 | 0 |
| | | | 10 2 CI SERGEANT - OR - OPEN REGULAR | 0 | 0 | 0 |
| | | | 10 3 HUMINT COLLECTION SGT - OR - OPEN REGULAR | 0 | 0 | 0 |
| | | | 10 4 CI AGENT - OR - OPEN REGULAR | 0 | 0 | 0 |
| | | | 10 5 HUMINT COLLECTOR - OR - OPEN REGULAR | 0 | 0 | 0 |
| | | ADMIN OFFICE Total | | 0 | 0 | 0 |

DIV / CORPS PROGRAMMING REQUIREMENTS

| DIVISION PROGRAM DETAILS | | | | | | OFFICE | OFFICE | TOTAL |
|--------------------------|---------------------|--------------------|--|-----|------|----------|----------|----------|
| DIRECTORATE | DIVISION | CATEGORY | POSITION DISPLAY | NSF | CIRC | NSF | CIRC | NSF |
| | 003 LINGUIST | Total | | | | 0 | 0 | 0 |
| | 004 ACE | | | | | | | |
| | | SCIF SPECIAL | | | | | | |
| | | | - FCS - FILES | 88 | 22 | 110 | | |
| | | | - PCS - PRINTER/COPIER | 192 | 48 | 240 | | |
| | | | - STS - GENERAL PURPOSE STORAGE | 96 | 24 | 120 | | |
| | | | - TES - TEAM ROOM | 120 | 30 | 150 | | |
| | | SCIF SPECIAL Total | | 496 | 124 | 620 | | |
| | | SCIF WORKSTATION | | | | | | |
| | | | 11 1 CH ANAL & CTRL ELEMENT - S4 - SCIF PRIVATE 04 | 150 | 38 | 188 | | |
| | | | 11 2 CHIEF INTELLIGENCE SGT - SR - SCIF OPEN STATION | 48 | 48 | 96 | | |
| | | | 12 1 ALL SOURCE INTEL TECH - SR - SCIF OPEN STATION | 48 | 48 | 96 | | |
| | | | 12 2 ALL SOURCE INTEL TECH - SR - SCIF OPEN STATION | 48 | 48 | 96 | | |
| | | | 12 3 SR ASAS MASTER ANALYST - SR - SCIF OPEN STATION | 48 | 48 | 96 | | |
| | | | 12 4 ASAS MASTER ANALYST - SR - SCIF OPEN STATION | 144 | 144 | 288 | | |
| | | | 12 5 INTEL ANALYST - SR - SCIF OPEN STATION | 192 | 192 | 384 | | |
| | | | 12 6 INTEL ANALYST - SR - SCIF OPEN STATION | 192 | 192 | 384 | | |
| | | | 12 7 INTEL ANALYST - SR - SCIF OPEN STATION | 192 | 192 | 384 | | |
| | | | 13 1 COLLECTION MGMT CHIEF - S5 - SCIF PRIVATE 05 | 110 | 28 | 138 | | |
| | | | 13 2 ALL SOURCE INTEL TECH - SR - SCIF OPEN STATION | 48 | 48 | 96 | | |
| | | | 13 3 IMAGERY INTEL TECH - SR - SCIF OPEN STATION | 48 | 48 | 96 | | |
| | | | 13 4 SR INTEL SERGEANT - SR - SCIF OPEN STATION | 48 | 48 | 96 | | |
| | | | 13 5 INTEL SERGEANT - SR - SCIF OPEN STATION | 48 | 48 | 96 | | |
| | | | 13 6 INTEL ANALYST - SR - SCIF OPEN STATION | 48 | 48 | 96 | | |
| | | | 13 7 INTEL ANALYST - SR - SCIF OPEN STATION | 48 | 48 | 96 | | |
| | | | 14 1 SIGINT ANALYST TECH - SR - SCIF OPEN STATION | 48 | 48 | 96 | | |
| | | | 14 2 SIGINT ANALYST TECH - SR - SCIF OPEN STATION | 48 | 48 | 96 | | |

DIV / CORPS PROGRAMMING REQUIREMENTS

| DIVISION PROGRAM DETAILS | | | | | | |
|--------------------------|----------|----------|---|--------------|--------------|--------------|
| DIRECTORATE | DIVISION | CATEGORY | POSITION DISPLAY | OFFICE NSF | OFFICE CIRC | TOTAL NSF |
| | | | 14 3 SR SIGINT SERGEANT - SR - SCIF OPEN STATION | 48 | 48 | 96 |
| | | | 14 4 ASAS MASTER ANALYST - SR - SCIF OPEN STATION | 144 | 144 | 288 |
| | | | 14 5 SIGINT ANALYST - SR - SCIF OPEN STATION | 96 | 96 | 192 |
| | | | 14 6 SIGINT ANALYST - SR - SCIF OPEN STATION | 144 | 144 | 288 |
| | | | 14 7 SIGINT ANALYST - SR - SCIF OPEN STATION | 96 | 96 | 192 |
| | | | 15 1 TES DATA ANALYST - SR - SCIF OPEN STATION | 48 | 48 | 96 |
| | | | 15 2 TES DATA ANALYST - SR - SCIF OPEN STATION | 48 | 48 | 96 |
| | | | 15 3 TES DATA ANALYST - SR - SCIF OPEN STATION | 48 | 48 | 96 |
| | | | 15 4 TES DATA ANALYST - SR - SCIF OPEN STATION | 48 | 48 | 96 |
| | | | 15 5 TES DATA ANALYST - SR - SCIF OPEN STATION | 48 | 48 | 96 |
| | | | 16 1 SR CGS SERGEANT - SR - SCIF OPEN STATION | 48 | 48 | 96 |
| | | | 16 2 CGS SERGEANT - SR - SCIF OPEN STATION | 96 | 96 | 192 |
| | | | 16 3 CGS ANALYST - SR - SCIF OPEN STATION | 96 | 96 | 192 |
| | | | 16 4 CGS ANALYST - SR - SCIF OPEN STATION | 192 | 192 | 384 |
| | | | 16 5 CGS ANALYST - SR - SCIF OPEN STATION | 192 | 192 | 384 |
| | | | 39 1 ALL SOURCE INTEL TECH - SR - SCIF OPEN STATION | 48 | 48 | 96 |
| | | | SCIF WORKSTATION Total | 2,996 | 2,801 | 5,797 |
| | | | 004 ACE Total | 3,492 | 2,925 | 6,417 |
| | | | 005 G2X | | | |
| | | | ADMIN OFFICE | | | |
| | | | 17 1 CI OFFICER - P5 - Private 05 | 110 | 28 | 138 |
| | | | 17 2 CI TECH - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 17 3 SR CI SERGEANT - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 17 4 HUMINT COLLECTOR - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 17 5 HUMINT COLLECTOR - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 17 6 HUMINT COLLECTOR - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 18 1 CI TECH - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 18 2 SR CI SERGEANT - OR - OPEN REGULAR | 56 | 67 | 123 |

DIV / CORPS PROGRAMMING REQUIREMENTS

| DIVISION PROGRAM DETAILS | | | | | | |
|--------------------------|------------------------|------------------------|---|---------------|--------------|---------------|
| DIRECTORATE | DIVISION | CATEGORY | POSITION DISPLAY | OFFICE NSF | OFFICE CIRC | TOTAL NSF |
| | | | 18 3 CI AGENT - OR - OPEN REGULAR | 112 | 134 | 246 |
| | | | 19 1 HUMINT COLLECTION TECH - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 19 2 INTEL SERGEANT - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 19 3 INTEL ANALYST - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 19 4 HUMINT COLLECTOR - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 20 1 HUMINT COLLECTION TECH - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 20 2 SR HUMINT COLL SGT - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 20 3 HUMINT COLLECTOR - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 20 4 HUMINT COLLECTOR - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | ADMIN OFFICE Total | | 1,062 | 1,170 | 2,232 |
| | | SCIF SPECIAL | | | | |
| | | | - PCS - PRINTER/COPIER | 96 | 24 | 120 |
| | | | - TES - TEAM ROOM | 120 | 30 | 150 |
| | | SCIF SPECIAL Total | | 216 | 54 | 270 |
| | | 005 G2X Total | | 1,278 | 1,224 | 2,502 |
| | 007 INTEL | | | | | |
| | | ADMIN SPECIAL | | | | |
| | | | - CLA - 35 PERS CONF/VTC | 805 | 201 | 1,006 |
| | | ADMIN SPECIAL Total | | 805 | 201 | 1,006 |
| | | SCIF SPECIAL | | | | |
| | | | - FCS - FILES | 88 | 22 | 110 |
| | | | - PCS - PRINTER/COPIER | 96 | 24 | 120 |
| | | SCIF SPECIAL Total | | 184 | 46 | 230 |
| | | 007 INTEL Total | | 989 | 247 | 1,236 |
| | 007 INTEL | Total | | 11,133 | 7,871 | 19,004 |
| | 008 SUSTAINMENT | | | | | |

DIV / CORPS PROGRAMMING REQUIREMENTS

| DIVISION PROGRAM DETAILS | | | | OFFICE | OFFICE | TOTAL |
|--------------------------|---------------|--------------|---|--------|--------|-------|
| DIRECTORATE | DIVISION | CATEGORY | POSITION DISPLAY | NSF | CIRC | NSF |
| | 001 G1 | | | | | |
| | | ADMIN OFFICE | | | | |
| | | | 21 1 ACOFS G1 - P4 - Private 04 | 150 | 38 | 188 |
| | | | 21 2 ASSISTANT G1 - P5 - Private 05 | 110 | 28 | 138 |
| | | | 21 3 CH HUMAN RESOURCES SGT - P5 - Private 05 | 110 | 28 | 138 |
| | | | 22 1 HUMAN RESOURCES OFFICER - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 22 2 SR HUMAN RESOURCES SGT - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 23 1 PERS OFFICER - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 23 2 HR TECH - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 24 1 SR HUMAN RESOURCES SGT - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 24 2 HUMAN RESOURCES SGT - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 24 3 HUMAN RESOURCES SPC - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 24 4 HUMAN RESOURCES SPC - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 25 1 HUMAN RESOURCES SGT - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 25 2 HUMAN RESOURCES SGT - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 25 3 HUMAN RESOURCES SPC - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 25 4 HUMAN RESOURCES SPC - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 26 1 SR HUMAN RESOURCES SGT - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 26 2 HR INFO SYS SP - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 26 3 HR INFO SYS SP - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 27 1 HUMAN RESOURCES OFFICER - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 27 2 HUMAN RESOURCES SGT - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 27 3 HUMAN RESOURCES SGT - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 27 4 HUMAN RESOURCES SPC - OR - OPEN REGULAR | 112 | 134 | 246 |
| | | | 27 5 HUMAN RESOURCES SPC - OR - OPEN REGULAR | 112 | 134 | 246 |
| | | | 321C 04 EO ADVISOR - OR - OPEN REGULAR | 56 | 67 | 123 |

DIV / CORPS PROGRAMMING REQUIREMENTS

| DIVISION PROGRAM DETAILS | | | | | | |
|--------------------------|---------------------|---------------------|--|--------------|--------------|--------------|
| DIRECTORATE | DIVISION | CATEGORY | POSITION DISPLAY | OFFICE NSF | OFFICE CIRC | TOTAL NSF |
| | | | 321C 05 EO ADVISOR - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 321C 06 EO ADVISOR - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 321C 07 EO ADVISOR - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 424 12 FAM READ SPT ASST - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | ADMIN OFFICE Total | | 1,882 | 1,907 | 3,789 |
| | | ADMIN SPECIAL | | | | |
| | | | - CSA - 12 PER CONF/VTC | 510 | 128 | 638 |
| | | | - FCA - FILES | 88 | 22 | 110 |
| | | | - PCA - PRINTER/COPIER | 96 | 24 | 120 |
| | | ADMIN SPECIAL Total | | 694 | 174 | 868 |
| | 001 G1 Total | | | 2,576 | 2,080 | 4,656 |
| | 002 G4 | | | | | |
| | | ADMIN OFFICE | | | | |
| | | | 28 1 CHIEF OF SUSTAINMENT - P4 - Private 04 | 150 | 38 | 188 |
| | | | 28 2 SR LOG OPS NCO - P5 - Private 05 | 110 | 28 | 138 |
| | | | 28 3 VEHICLE DRIVER - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 29 1 TRANS OPS OFF - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 29 2 FUEL OPERATIONS OFFICER - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 30 1 AIRCRAFT MAINT OFFICER - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 30 2 MAINTENANCE MGMT OFF - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 30 3 ORD LOGISTICS OFFICER - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 30 4 CH MECH MAINT LOG NCO - P5 - Private 05 | 110 | 28 | 138 |
| | | | 30 5 ACFT MAINT SUPV - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 30 6 ARMT MAINT SGT - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 30 7 ELECT MAINT STAFF NCO - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 31 1 LOGISTICS OFFICER - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 31 2 SR PROP ACCT TECH - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 31 3 SR LOG SVC SUPV - P5 - Private 05 | 110 | 28 | 138 |

DIV / CORPS PROGRAMMING REQUIREMENTS

| DIVISION PROGRAM DETAILS | | | | | | |
|--------------------------|----------|---------------------|---|--------------|--------------|--------------|
| DIRECTORATE | DIVISION | CATEGORY | POSITION DISPLAY | OFFICE NSF | OFFICE CIRC | TOTAL NSF |
| | | | 31 4 CHIEF AMMUNITION NCO - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 31 5 SR SUPPLY SGT - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 31 6 SR SUPPLY SGT - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 32 1 CH FOOD OPNS MGMT NCO - P5 - Private 05 | 110 | 28 | 138 |
| | | | 32 2 MORTUARY AFFAIRS NCO - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 33 1 TRANSPORTATION OFF - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 33 2 TRANS OPS OFF - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 33 3 MOBILITY OFFICER - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 33 4 SR TRANSPORTATION SUPV - P5 - Private 05 | 110 | 28 | 138 |
| | | | 33 5 SR MOVEMENTS NCO - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 33 6 MOVEMENTS NCO - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 34 1 INFO SYS TECH - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 34 2 LOGISTIC NCO - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 41 1 DEPUTY G4 - P4 - Private 04 | 150 | 38 | 188 |
| | | | 41 2 LOGISTICS OFFICER - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | ADMIN OFFICE Total | | 2,138 | 1,758 | 3,896 |
| | | ADMIN SPECIAL | | | | |
| | | | - CSA - 12 PER CONF/VTC | 255 | 64 | 319 |
| | | | - FCA - FILES | 88 | 22 | 110 |
| | | | - PCA - PRINTER/COPIER | 96 | 24 | 120 |
| | | ADMIN SPECIAL Total | | 439 | 110 | 549 |
| | | 002 G4 Total | | 2,577 | 1,868 | 4,445 |
| | | 003 G8 | | | | |
| | | ADMIN OFFICE | | | | |
| | | | 35 1 DIVISION G8 - P4 - Private 04 | 150 | 38 | 188 |
| | | | 35 2 DEPUTY G8 - P5 - Private 05 | 110 | 28 | 138 |
| | | | 35 3 BUDGET OFFICER - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 35 4 BUDGET MANAGER - OR - OPEN REGULAR | 56 | 67 | 123 |

DIV / CORPS PROGRAMMING REQUIREMENTS

| DIVISION PROGRAM DETAILS | | | | | | |
|--------------------------|------------------------------|---------------------|--|--------------|--------------|---------------|
| DIRECTORATE | DIVISION | CATEGORY | POSITION DISPLAY | OFFICE NSF | OFFICE CIRC | TOTAL NSF |
| | | | 35 5 SR FIN ANALYST - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 35 6 SR FIN ANALYST - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | ADMIN OFFICE Total | | 484 | 334 | 818 |
| | 003 G8 Total | | | 484 | 334 | 818 |
| | 004 SURGEON | | | | | |
| | | ADMIN OFFICE | | | | |
| | | | 36 1 SURGEON - P4 - Private 04 | 150 | 38 | 188 |
| | | | 36 10 CH MEDICAL NCO - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 36 11 OPERATIONS NCO - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 36 12 OPERATIONS SERGEANT - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 36 13 MEDICAL LOG SGT - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 36 14 MEDICAL NCO - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 36 2 MEDICAL OPERATIONS OFF - P5 - Private 05 | 110 | 28 | 138 |
| | | | 36 3 PSYCHIATRIST - P5 - Private 05 | 110 | 28 | 138 |
| | | | 36 4 PHYSICIAN ASSISTANT - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 36 5 AEROMEDICAL EVAC OFF - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 36 6 PATIENT ADMIN OFFICER - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 36 7 MEDICAL PLANS OFFICER - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 36 8 HLTH SVC MAT OFF - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | | 36 9 ENVIR SCIENCE OFFICER - OR - OPEN REGULAR | 56 | 67 | 123 |
| | | ADMIN OFFICE Total | | 986 | 832 | 1,818 |
| | | ADMIN SPECIAL | | | | |
| | | | - PCA - PRINTER/COPIER | 96 | 24 | 120 |
| | | | - TEA - TEAM ROOM | 120 | 30 | 150 |
| | | ADMIN SPECIAL Total | | 216 | 54 | 270 |
| | 004 SURGEON Total | | | 1,202 | 886 | 2,088 |
| | 008 SUSTAINMENT Total | | | 6,839 | 5,168 | 12,007 |
| | 009 BUILDING GENERAL | | | | | |

DIV / CORPS PROGRAMMING REQUIREMENTS

| DIVISION PROGRAM DETAILS | | | | | | |
|---------------------------------|-----------------------------------|---------------------|---------------------------------------|-----------------------|------------------------|----------------------|
| DIRECTORATE | DIVISION | CATEGORY | POSITION DISPLAY | OFFICE NSF | OFFICE CIRC | TOTAL NSF |
| | 009 BUILDING GENERAL | | | | | |
| | | ADMIN SPECIAL | | | | |
| | | | - BRA - BREAK | 540 | 135 | 675 |
| | | | - CCA - COMMAND CONFERENCE ROOM | 1,600 | 400 | 2,000 |
| | | | - CEA - CEREMONIAL/SCREENING | 2,500 | 625 | 3,125 |
| | | | - DCA - DISTRIBUTION ROOM (DIV/CORPS) | 200 | 50 | 250 |
| | | | - DTA - DISTRIB/PC BASED LEARNING RM | 572 | 143 | 715 |
| | | ADMIN SPECIAL Total | | 5,412 | 1,353 | 6,765 |
| | 009 BUILDING GENERAL Total | | | 5,412 | 1,353 | 6,765 |
| | 009 BUILDING GENERAL Total | | | 5,412 | 1,353 | 6,765 |
| | Grand Total | | | 62,394 | 38,998 | 101,392 |

DIV / CORPS PROGRAMMING REQUIREMENTS

CORPS Program

| | |
|---|--|
| C2F FACILITY PROGRAM - CORPS | |
| 31-Aug-10 | |
| CORPS PROGRAM SUMMARY | |
| 6x8 Cubicles with 100% Circulation | |

PERSONNEL REQUIREMENTS SUMMARY

| Command | Personnel |
|-----------------------------------|------------------|
| CORPS Standard Total Personnel | 628 |
| Total Admin Personnel | 512 |
| Grand Total HQ Facility Personnel | 628 |

AREA REQUIREMENTS SUMMARY

| DESCRIPTION | | | | | | PROGRAMMED |
|---|-------------------------|---------------------------|-------------|------------|-----------|-------------------|
| | ADMIN SPACES NSF | SPECIAL SPACES NSF | SCIF | NOC | OC | |
| Total Programmed Area Requirements | 32,622 | 14,137 | 8,528 | 2,206 | 4,618 | 62,111 |
| Total Intra - Office Circulation | 23,710 | 3,534 | 4,988 | 1,128 | 1,908 | 35,267 |
| Subtotal 1 (All Programmed Area Requirements) (NSF) | | | | | | 97,378 |

CALCULATIONS FOR PROGRAMMING GSF

| PART 2 | |
|---|---------|
| Electrical (1% of Subtotal 1) (SF) | 974 |
| Telecommunications (4% of Subtotal 1) (SF) | 3,895 |
| Subtotal 2 (Subtotal 1 Plus, Elec, Telecom) (SF) | 102,247 |
| PART 3 | |
| Primary Egress and Inter-Organizational Circulation (25%) (SF) (General Building Circulation Includes: Primary Egress, Locker/Shower Area, Building Toilets, Janitor Area, Recycle Closet) | 25,562 |
| Subtotal 3 (Subtotal 2 Plus General Building Circulation) (SF) | 127,809 |
| PART 4 | |
| Mechanical (7% of Subtotal 1) (SF) | 8,947 |
| Grand Total HQ Facility Area Requirements (GSF) | 136,756 |

BUILDING AREA PER PERSON

| | |
|-------------------------------------|-----|
| Total Administrative NSF Per Person | 190 |
| Total GSF Per Person | 218 |

DIV / CORPS PROGRAMMING REQUIREMENTS

CORPS Program Details

Note to RFP Preparer: When including an MSE in the CORPS, add an additional 75 PN to the Corps total personnel and an additional 10,519 NSF of space.

| CORPS PROGRAM DETAILS | | | | | | |
|------------------------------|----------------------|---|-------------------------|--------------|--------------|------------------|
| DIRECTORATE | DIVISION | TYPE | POSITION DISPLAY | NSF | CIRC | TOTAL NSF |
| 001 | CMD GRP | | | 3,293 | 1,255 | 4,548 |
| | 001 | CMD GRP | | 3,293 | 1,255 | 4,548 |
| | | ADMIN OFFICE | | 1,576 | 826 | 2,402 |
| | | AIDE-DE-CAMP OR - OPEN REGULAR | | 96 | 96 | 192 |
| | | CHIEF OR - OPEN REGULAR | | - | - | - |
| | | COMMAND SERGEANT MAJOR P2 - Private 02 | | 300 | 75 | 375 |
| | | COMMANDER P1 - Private 01 | | 400 | 100 | 500 |
| | | DEPUTY COMMANDER P2 - Private 02 | | 300 | 75 | 375 |
| | | ENLISTED AIDE OR - OPEN REGULAR | | 48 | 48 | 96 |
| | | EXECUTIVE ADMIN ASST OR - OPEN REGULAR | | 48 | 48 | 96 |
| | | FAO OR - OPEN REGULAR | | - | - | - |
| | | FIRE SPT SERGEANT OR - OPEN REGULAR | | 48 | 48 | 96 |
| | | LIAISON OFFICER OR - OPEN REGULAR | | - | - | - |
| | | SIG SUPPORT STAFF NCO OR - OPEN REGULAR | | 48 | 48 | 96 |
| | | SR VEH DRIVER OR - OPEN REGULAR | | 96 | 96 | 192 |
| | | VEHICLE DRIVER OR - OPEN REGULAR | | 144 | 144 | 288 |
| | | ADMIN SUPPORT SPEC OR - OPEN REGULAR | | 48 | 48 | 96 |
| | | ADMIN SPECIAL | | 1,717 | 429 | 2,146 |
| | | CTA - CMD TOILET | | 162 | 41 | 203 |
| | | ECA - EXECUTIVE CONFERENCE ROOM | | 805 | 201 | 1,006 |
| | | KTA - KITCHEN (CMD GRP) | | 100 | 25 | 125 |
| | | RAA - RECEPTION | | 250 | 63 | 313 |
| | | WAA - WAITING AREA | | 400 | 100 | 500 |
| 002 | SPECIAL STAFF | | | 7,454 | 4,026 | 11,480 |
| | 001 | COFS | | 2,092 | 1,567 | 3,659 |
| | | ADMIN OFFICE | | 1,892 | 1,517 | 3,409 |
| | | ASSESSMENT OFFICER OR - OPEN REGULAR | | 48 | 48 | 96 |

DIV / CORPS PROGRAMMING REQUIREMENTS

| CORPS PROGRAM DETAILS | | | | | | |
|-----------------------|----------------|--------------------|--|------------|------------|------------|
| DIRECTORATE | DIVISION | TYPE | POSITION DISPLAY | NSF | CIRC | TOTAL NSF |
| | | | BTL CMD SYS OPR OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | CHIEF ASSESSMENT OFFICER OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | CHIEF OF STAFF P2 - Private 02 | 300 | 75 | 375 |
| | | | CHIEF RED TEAM OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | CHIEF, KM OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | CORPS INFO CHIEF OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | DEPUTY CHIEF OF STAFF P3 - Private 03 | 200 | 50 | 250 |
| | | | INFO MGMT OFFICER OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | INTELLIGENCE OFFICER OR - OPEN REGULAR | 96 | 96 | 192 |
| | | | LIAISON OFFICER OR - OPEN REGULAR | 384 | 384 | 768 |
| | | | OPERATIONS ASSISTANT OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | OPERATIONS OFFICER OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | OPERATIONS SERGEANT OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | RED TM MEMBER OR - OPEN REGULAR | 144 | 144 | 288 |
| | | | SECY GENERAL STAFF OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | SIGNAL LNO OR - OPEN REGULAR | 96 | 96 | 192 |
| | | | SUSTAIN LNO OR - OPEN REGULAR | 96 | 96 | 192 |
| | | | VEHICLE DRIVER OR - OPEN REGULAR | 48 | 48 | 96 |
| | | ADMIN SPECIAL | | 200 | 50 | 250 |
| | | WAA - WAITING AREA | | 200 | 50 | 250 |
| | 002 IG | | | 598 | 366 | 964 |
| | | ADMIN OFFICE | | 598 | 366 | 964 |
| | | | ASSISTANT IG OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | HUMAN RESOURCES SGT OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | INSPECTOR GENERAL NCO OR - OPEN REGULAR | 192 | 192 | 384 |
| | | | INSPECTOR GENERAL NCO P5 - Private 05 | 110 | 28 | 138 |
| | | | INSPECTOR GENERAL P3 - Private 03 | 200 | 50 | 250 |
| | 003 PAO | | | 550 | 318 | 868 |
| | | ADMIN OFFICE | | 550 | 318 | 868 |
| | | | CH PUBLIC AFFAIRS NCO P5 - Private 05 | 110 | 28 | 138 |
| | | | PUBLIC AFFAIRS OFFICER OR - OPEN REGULAR | 144 | 144 | 288 |
| | | | PUBLIC AFFAIRS OFFICER P3 - Private 03 | 200 | 50 | 250 |

| CORPS PROGRAM DETAILS | | | | | | |
|-----------------------|---------------------|---------------|--|--------------|--------------|--------------|
| DIRECTORATE | DIVISION | TYPE | POSITION DISPLAY | NSF | CIRC | TOTAL NSF |
| | | | PUBLIC AFFAIRS OPS NCO OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | PUBLIC AFFAIRS SGT OR - OPEN REGULAR | 48 | 48 | 96 |
| | 004 SJA | | | 2,408 | 1,034 | 3,442 |
| | | ADMIN OFFICE | | 2,136 | 966 | 3,102 |
| | | | CH INTL/OPS LAW OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | CHIEF AD/CONTRACT LAW P5 - Private 05 | 110 | 28 | 138 |
| | | | CHIEF CRIMINAL LAW P5 - Private 05 | 110 | 28 | 138 |
| | | | CHIEF INTL LAW OFF P5 - Private 05 | 110 | 28 | 138 |
| | | | CHIEF PARALEGAL NCO OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | COMMAND PARALEGAL NCO P5 - Private 05 | 110 | 28 | 138 |
| | | | CONTRACT LAW OFFICER P5 - Private 05 | 110 | 28 | 138 |
| | | | COURT REPORTER OR - OPEN REGULAR | 96 | 96 | 192 |
| | | | DEPUTY SJA P4 - Private 04 | 150 | 38 | 188 |
| | | | JUDGE ADVOCATE P5 - Private 05 | 110 | 28 | 138 |
| | | | LEGAL ADMINISTRATOR OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | LEGAL ASSISTANCE OFF P5 - Private 05 | 110 | 28 | 138 |
| | | | OPLAW JA OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | OPLAW JA P5 - Private 05 | 330 | 83 | 413 |
| | | | OPS LAW NCO OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | PARALEGAL NCO OR - OPEN REGULAR | 144 | 144 | 288 |
| | | | PARALEGAL SPECIALIST OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | SENIOR COURT REPORTER OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | STAFF JUDGE ADVOCATE P3 - Private 03 | 200 | 50 | 250 |
| | | | TEAM CHIEF P5 - Private 05 | 110 | 28 | 138 |
| | | ADMIN SPECIAL | | 272 | 68 | 340 |
| | | | FCA - FILES | 176 | 44 | 220 |
| | | | PCA - PRINTER/COPIER | 96 | 24 | 120 |
| | 005 CHAPLAIN | | | 454 | 222 | 676 |
| | | ADMIN OFFICE | | 454 | 222 | 676 |
| | | | ASSISTANT CHAPLAIN OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | CHAPLAIN ASSISTANT NCO OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | CHAPLAIN P3 - Private 03 | 200 | 50 | 250 |

| CORPS PROGRAM DETAILS | | | | | | |
|-----------------------|---------------|----------------------|--|--------------|--------------|---------------|
| DIRECTORATE | DIVISION | TYPE | POSITION DISPLAY | NSF | CIRC | TOTAL NSF |
| | | | CHIEF CHAP ASST NCO P5 - Private 05 | 110 | 28 | 138 |
| | | | WORLD RELIGIONS CHAPLAIN OR - OPEN REGULAR | 48 | 48 | 96 |
| | | SPECIAL STAFF | | 456 | 114 | 570 |
| | | ADMIN SPECIAL | | 456 | 114 | 570 |
| | | | FCA - FILES | 264 | 66 | 330 |
| | | | PCA - PRINTER/COPIER | 192 | 48 | 240 |
| | | 006 RETENTION | | 370 | 93 | 463 |
| | | ADMIN OFFICE | | 370 | 93 | 463 |
| | | | P4 - Private 04 | 150 | 38 | 188 |
| | | | P5 - Private 05 | 220 | 55 | 275 |
| | | 007 SAFETY | | 320 | 190 | 510 |
| | | ADMIN OFFICE | | 320 | 190 | 510 |
| | | | OL - OPEN LARGE | 320 | 190 | 510 |
| | | 008 PROTOCOL | | 206 | 124 | 330 |
| | | ADMIN OFFICE | | 206 | 124 | 330 |
| | | | CHIEF, PROTOCOL P5 - Private 05 | 110 | 28 | 138 |
| | | | PROTOCOL SPECIALIST OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | PROTOCOL AUTO ASST OR - OPEN REGULAR | 48 | 48 | 96 |
| 003 C2 | | | | 7,396 | 4,729 | 12,125 |
| | 001 G6 | | | 5,854 | 3,840 | 9,694 |
| | | ADMIN OFFICE | | 3,160 | 2,590 | 5,750 |
| | | | ANALYSIS TEAM CHIEF OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | CBL/ANT SYS SPL OR - OPEN REGULAR | 192 | 192 | 384 |
| | | | CHIEF OR - OPEN REGULAR | 192 | 192 | 384 |
| | | | CHIEF SIGNAL NCO P5 - Private 05 | 110 | 28 | 138 |
| | | | CND INTEGRATOR OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | CND PLANS NCO OR - OPEN REGULAR | 96 | 96 | 192 |
| | | | CORPS INFO CHIEF OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | CORPS SIGNAL NCO P4 - Private 04 | 150 | 38 | 188 |
| | | | CORPS SPECTRUM MGR OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | DEPUTY G6 P4 - Private 04 | 150 | 38 | 188 |
| | | | EL SYS MNT WO OR - OPEN REGULAR | 48 | 48 | 96 |

| CORPS PROGRAM DETAILS | | | | | | |
|-----------------------|----------|---------------|---|-------|------|-----------|
| DIRECTORATE | DIVISION | TYPE | POSITION DISPLAY | NSF | CIRC | TOTAL NSF |
| | | | G6 P3 - Private 03 | 200 | 50 | 250 |
| | | | IA STAFF ASSISTANT OR - OPEN REGULAR | 96 | 96 | 192 |
| | | | IA STAFF NCO OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | INFO SYS MGMT OFFICER P4 - Private 04 | 150 | 38 | 188 |
| | | | INFO SYS TECH OR - OPEN REGULAR | 144 | 144 | 288 |
| | | | INFO TECH SP OR - OPEN REGULAR | 192 | 192 | 384 |
| | | | INFORMATION SYS CHIEF OR - OPEN REGULAR | 96 | 96 | 192 |
| | | | NETWORK MGMT TECH OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | NETWORKS OPERATIONS OFFICER OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | NODAL OPS SYS NCO OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | PLANS/OPERATIONS NCO OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | SATCOM PLANS NCO OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | SECTION CHIEF OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | SIG SUPPORT STAFF NCO OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | SIGNAL SPT NCO OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | SIGNAL SUPPORT SYS SP OR - OPEN REGULAR | 192 | 192 | 384 |
| | | | SIGNAL SYSTEMS TECH OR - OPEN REGULAR | 96 | 96 | 192 |
| | | | SR INFO TECH SP OR - OPEN REGULAR | 192 | 192 | 384 |
| | | | SR NETWORK OPS NCO OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | SR SOFTWARE ANALYST OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | TELECOM SYSTEMS ENG OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | WIRE OPERATIONS NCO OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | XMSN SYS OPS NCO OR - OPEN REGULAR | 48 | 48 | 96 |
| | | ADMIN SPECIAL | | 488 | 122 | 610 |
| | | | FCA - FILES | 176 | 44 | 220 |
| | | | PCA - PRINTER/COPIER | 192 | 48 | 240 |
| | | | TEA - TEAM ROOM | 120 | 30 | 150 |
| | | NOC SPECIAL | | 1,178 | 295 | 1,473 |
| | | | COM - COMSEC VAULT | 210 | 53 | 263 |
| | | | FCN - FILES | 176 | 44 | 220 |
| | | | PCN - PRINTER/COPIER | 96 | 24 | 120 |
| | | | SRN - SERVER ROOM | 600 | 150 | 750 |

| CORPS PROGRAM DETAILS | | | | | | |
|-----------------------|--------------|-----------------|---|------------|------------|------------|
| DIRECTORATE | DIVISION | TYPE | POSITION DISPLAY | NSF | CIRC | TOTAL NSF |
| | | | STN - GENERAL PURPOSE STORAGE | 96 | 24 | 120 |
| | | NOC WORKSTATION | | 1,028 | 833 | 1,861 |
| | | | ASST COMSEC CUSTODIAN NR - NOC OPEN | 96 | 96 | 192 |
| | | | CHIEF N4 - NOC PRIVATE 04 | 150 | 38 | 188 |
| | | | COMSEC CUSTODIAN NR - NOC OPEN | 48 | 48 | 96 |
| | | | CORPS SPECTRUM MGT CH NR - NOC OPEN | 48 | 48 | 96 |
| | | | CORPS SPECTRUM MGT NCO NR - NOC OPEN | 48 | 48 | 96 |
| | | | NETWORK CONTROL CHIEF NR - NOC OPEN | 96 | 96 | 192 |
| | | | NETWORK MGMT TECH NR - NOC OPEN | 48 | 48 | 96 |
| | | | NETWORKING OFFICER NR - NOC OPEN | 48 | 48 | 96 |
| | | | PLANS/OPERATIONS NCO NR - NOC OPEN | 48 | 48 | 96 |
| | | | SATCOM OPNS NCO NR - NOC OPEN | 48 | 48 | 96 |
| | | | SR COMSEC CLERK NR - NOC OPEN | 48 | 48 | 96 |
| | | | SR INFO SYS CHIEF N5 - NOC PRIVATE 05 | 110 | 28 | 138 |
| | | | SR INFO SYS SP NR - NOC OPEN | 48 | 48 | 96 |
| | | | SR NETWORK OPS NCO NR - NOC OPEN | 48 | 48 | 96 |
| | | | TELECOM SYSTEMS ENG NR - NOC OPEN | 48 | 48 | 96 |
| | | | XMSN SYS OPS NCO NR - NOC OPEN | 48 | 48 | 96 |
| 002 | G7 | | | 246 | 134 | 380 |
| | | ADMIN OFFICE | | 246 | 134 | 380 |
| | | | G7 P4 - Private 04 | 150 | 38 | 188 |
| | | | IO OFFICER OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | SR PUBLIC AFFAIRS NCO OR - OPEN REGULAR | 48 | 48 | 96 |
| 003 | IE | | | 96 | 96 | 192 |
| | | ADMIN OFFICE | | 96 | 96 | 192 |
| | | | IE ASSESSMENT OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | OPERATIONS OFFICER OR - OPEN REGULAR | 48 | 48 | 96 |
| 004 | PSYOP | | | 356 | 161 | 517 |
| | | ADMIN OFFICE | | 356 | 161 | 517 |
| | | | CHIEF PSYOP P4 - Private 04 | 150 | 38 | 188 |
| | | | PSYOP OFFICER OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | SR OPERATIONS SGM P5 - Private 05 | 110 | 28 | 138 |

DIV / CORPS PROGRAMMING REQUIREMENTS

| CORPS PROGRAM DETAILS | | | | | | |
|------------------------------|----------------------|---------------|--|---------------|--------------|------------------|
| DIRECTORATE | DIVISION | TYPE | POSITION DISPLAY | NSF | CIRC | TOTAL NSF |
| | | | SR PSYOP STAFF NCO OR - OPEN REGULAR | 48 | 48 | 96 |
| | 005 G9 | | | 644 | 449 | 1,093 |
| | | ADMIN OFFICE | | 644 | 449 | 1,093 |
| | | | CIVIL AFFAIRS NCO OR - OPEN REGULAR | 192 | 192 | 384 |
| | | | CIVIL AFFAIRS OFFICER OR - OPEN REGULAR | 96 | 96 | 192 |
| | | | DEPUTY G9 OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | G9 P4 - Private 04 | 150 | 38 | 188 |
| | | | OPERATIONS OFFICER OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | SR OPERATIONS SGM P5 - Private 05 | 110 | 28 | 138 |
| | 006 RETENTION | | | 200 | 50 | 250 |
| | | ADMIN SPECIAL | | 200 | 50 | 250 |
| | | | WAA - WAITING AREA | 200 | 50 | 250 |
| 004 M&M | | | | 10,836 | 6,775 | 17,611 |
| | 001 M&M | | | 10,836 | 6,775 | 17,611 |
| | | ADMIN OFFICE | | 5,426 | 4,669 | 10,095 |
| | | | A2C2 SERGEANT OR - OPEN REGULAR | 96 | 96 | 192 |
| | | | ACOFs G3 P2 - Private 02 | 300 | 75 | 375 |
| | | | AIRSPACE MGMT OFFICER OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | ASST AVIATION OPS SGT OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | ASST OPERATIONS OFF OR - OPEN REGULAR | 96 | 96 | 192 |
| | | | ASST OPERATIONS SGT OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | ATASM TECH OR - OPEN REGULAR | 96 | 96 | 192 |
| | | | AVIATION OFFICER OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | AVIATION OPS SGT OR - OPEN REGULAR | 96 | 96 | 192 |
| | | | AVIATION OPS SP OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | CHIEF INTELLIGENCE SGT OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | CHIEF OF OPERATIONS OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | CHIEF OF PLANS OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | CHIEF P4 - Private 04 | 150 | 38 | 188 |
| | | | COMBAT ENGINEER OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | CONST OPS SGT OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | CORP ENGINEER P4 - Private 04 | 150 | 38 | 188 |

DIV / CORPS PROGRAMMING REQUIREMENTS

| CORPS PROGRAM DETAILS | | | | | | |
|------------------------------|-----------------|-------------|--|------------|-------------|------------------|
| DIRECTORATE | DIVISION | TYPE | POSITION DISPLAY | NSF | CIRC | TOTAL NSF |
| | | | ENG OPS OFF OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | ENGINEER OFFICER OR - OPEN REGULAR | 96 | 96 | 192 |
| | | | ENGINEER STAFF OFFICER OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | EW OFFICER OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | FE PLANS OFF OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | FORCE MGMT OFFICER OR - OPEN REGULAR | 144 | 144 | 288 |
| | | | G5 P4 - Private 04 | 150 | 38 | 188 |
| | | | GEOSPATIAL ENGINEER OR - OPEN REGULAR | 240 | 240 | 480 |
| | | | GEOSPATIAL ENGR SGT OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | GEOSPATIAL INFO TECH OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | IE PLANS OFFICER OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | MOBILITY OFFICER OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | OPERATIONS NCO OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | OPERATIONS OFFICER OR - OPEN REGULAR | 336 | 336 | 672 |
| | | | OPERATIONS SERGEANT OR - OPEN REGULAR | 432 | 432 | 864 |
| | | | OPERATIONS SERGEANT P4 - Private 04 | 150 | 38 | 188 |
| | | | OPERATIONS SERGEANT P5 - Private 05 | 110 | 28 | 138 |
| | | | PLANS OFFICER OR - OPEN REGULAR | 816 | 816 | 1,632 |
| | | | PSYOP OFFICER OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | SATCOM OPNS NCO OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | SHIFT LEADER OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | SPACE OPERATIONS OFFICER OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | SQUAD LEADER OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | SR ENGINEER NCO OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | SR GEO ENGR OPS SGT OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | SR INTEL SERGEANT OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | SR SPACE OPS OFFICER OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | STAFF MOVEMENTS NCO OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | STO PLANNER OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | STRATEGIC PLANS OFF OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | TAC OPS OFFICER OR - OPEN REGULAR | 96 | 96 | 192 |
| | | | TAIS OPERATOR OR - OPEN REGULAR | 96 | 96 | 192 |

DIV / CORPS PROGRAMMING REQUIREMENTS

| CORPS PROGRAM DETAILS | | | | | | |
|------------------------------|-----------------|----------------|--|------------|-------------|------------------|
| DIRECTORATE | DIVISION | TYPE | POSITION DISPLAY | NSF | CIRC | TOTAL NSF |
| | | | UTIL OPS & MAINT TECH OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | VEHICLE DRIVER OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | READINESS SPEC OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | FORCE INTEGRATION SPEC OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | SCHOOLS SPECIALIST OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | TRAINING MGMT SPEC OR - OPEN REGULAR | 48 | 48 | 96 |
| | | ADMIN SPECIAL | | 792 | 198 | 990 |
| | | | FCA - FILES | 264 | 66 | 330 |
| | | | PCA - PRINTER/COPIER | 288 | 72 | 360 |
| | | | TEA - TEAM ROOM | 240 | 60 | 300 |
| | | OC SPECIAL | | 3,590 | 1,075 | 4,665 |
| | | | CGO - OPS AREA CG JUMP STATION | 36 | 18 | 54 |
| | | | DSO - OPS AREA SHIFT CONSOLE | 672 | 336 | 1,008 |
| | | | FCO - FILES | 176 | 44 | 220 |
| | | | LPO - SENIOR LEADER PLANNING OC | 600 | 150 | 750 |
| | | | OPO - OC MISSION PLANNING ROOM | 1,500 | 375 | 1,875 |
| | | | PCO - PRINTER/COPIER | 96 | 24 | 120 |
| | | | STO - GENERAL PURPOSE STORAGE | 96 | 24 | 120 |
| | | | SAR - SITUATIONAL AWARENESS ROOM | 414 | 104 | 518 |
| | | OC WORKSTATION | | 1,028 | 833 | 1,861 |
| | | | ASST OPERATIONS SGT AR - OC OPEN | 96 | 96 | 192 |
| | | | BATTLE COMMAND OFFICER AR - OC OPEN | 48 | 48 | 96 |
| | | | BATTLESTAFF OFFICER AR - OC OPEN | 48 | 48 | 96 |
| | | | CHIEF OF OPERATIONS A4 - OC PRIVATE 04 | 150 | 38 | 188 |
| | | | DEPUTY G3 AR - OC OPEN | 96 | 96 | 192 |
| | | | FA OFFICER AR - OC OPEN | 48 | 48 | 96 |
| | | | LOG PLANS OFF AR - OC OPEN | 48 | 48 | 96 |
| | | | OPERATIONS OFFICER AR - OC OPEN | 48 | 48 | 96 |
| | | | OPERATIONS SERGEANT A5 - OC PRIVATE 05 | 110 | 28 | 138 |
| | | | OPERATIONS SERGEANT AR - OC OPEN | 144 | 144 | 288 |
| | | | ORDERS MGR AR - OC OPEN | 96 | 96 | 192 |
| | | | PLANS OFFICER AR - OC OPEN | 48 | 48 | 96 |

DIV / CORPS PROGRAMMING REQUIREMENTS

| CORPS PROGRAM DETAILS | | | | | | |
|------------------------------|-----------------------|---------------|---|--------------|--------------|------------------|
| DIRECTORATE | DIVISION | TYPE | POSITION DISPLAY | NSF | CIRC | TOTAL NSF |
| | | | PROTECTION OFFICER AR - OC OPEN | 48 | 48 | 96 |
| 005 FIRES | | | | 2,530 | 1,965 | 4,495 |
| | 001 FIRES | | | 2,530 | 1,965 | 4,495 |
| | | ADMIN OFFICE | | 2,346 | 1,919 | 4,265 |
| | | | AIR FORCE STAFF NCO OR - OPEN REGULAR | 384 | 384 | 768 |
| | | | AIR FORCE STAFF OFFICER OR - OPEN REGULAR | 240 | 240 | 480 |
| | | | ASST FIRE SPT COORD OR - OPEN REGULAR | 144 | 144 | 288 |
| | | | ASST FIRE SUPPORT OFF OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | DEPUTY FIRE SPT COORD OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | DEPUTY FIRE SPT COORD P4 - Private 04 | 150 | 38 | 188 |
| | | | ELECTRO SPECTRUM MGR OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | EW OFFICER OR - OPEN REGULAR | 96 | 96 | 192 |
| | | | EW SERGEANT MAJOR P5 - Private 05 | 110 | 28 | 138 |
| | | | EW TECH OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | FA INTEL OFF OR - OPEN REGULAR | 96 | 96 | 192 |
| | | | FATDS SPECIALIST OR - OPEN REGULAR | 240 | 240 | 480 |
| | | | FIRE CONTROL SGT OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | FIRE SPT SERGEANT OR - OPEN REGULAR | 96 | 96 | 192 |
| | | | FIRE SUPPORT COORD P3 - Private 03 | 200 | 50 | 250 |
| | | | FIRE SUPPORT NCO OR - OPEN REGULAR | 96 | 96 | 192 |
| | | | OPERATIONS OFFICER OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | OPERATIONS SGM P5 - Private 05 | 110 | 28 | 138 |
| | | | TARGETING OFF OR - OPEN REGULAR | 96 | 96 | 192 |
| | | ADMIN SPECIAL | | 184 | 46 | 230 |
| | | | FCA - FILES | 88 | 22 | 110 |
| | | | PCA - PRINTER/COPIER | 96 | 24 | 120 |
| 006 PROTECTION | | | | 2,774 | 1,954 | 4,728 |
| | 001 PROTECTION | | | 2,774 | 1,954 | 4,728 |
| | | ADMIN OFFICE | | 2,590 | 1,908 | 4,498 |
| | | | AMD OPS OFF OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | ASST CBRN OFFICER OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | ASST OPERATIONS SGT OR - OPEN REGULAR | 144 | 144 | 288 |

DIV / CORPS PROGRAMMING REQUIREMENTS

| CORPS PROGRAM DETAILS | | | | | | |
|------------------------------|-----------------|---------------|--|---------------|--------------|------------------|
| DIRECTORATE | DIVISION | TYPE | POSITION DISPLAY | NSF | CIRC | TOTAL NSF |
| | | | C2 SYS INTEGRATOR OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | CBRN OFFICER OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | CBRN SGM OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | CBRN STAFF NCO OR - OPEN REGULAR | 96 | 96 | 192 |
| | | | CHEMICAL OFFICER OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | CHEMICAL OFFICER P4 - Private 04 | 150 | 38 | 188 |
| | | | CHIEF AMD OPS P4 - Private 04 | 150 | 38 | 188 |
| | | | CID SPECIAL AGENT OR - OPEN REGULAR | - | - | - |
| | | | CONTROLLER/PLANNER OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | DEPUTY PROVOST MARSHAL OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | ENG OPS OFF OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | EOD OFFICER OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | I/R NCO OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | OPERATIONS ASSISTANT OR - OPEN REGULAR | 96 | 96 | 192 |
| | | | OPERATIONS NCO OR - OPEN REGULAR | 144 | 144 | 288 |
| | | | OPERATIONS OFFICER OR - OPEN REGULAR | 144 | 144 | 288 |
| | | | OPERATIONS SERGEANT OR - OPEN REGULAR | 192 | 192 | 384 |
| | | | OPERATIONS SGM OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | OPS ASST OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | OPSEC OFFICER OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | PLANS OFFICER OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | PRCC DIR P4 - Private 04 | 150 | 38 | 188 |
| | | | PROTECTION CHIEF P3 - Private 03 | 200 | 50 | 250 |
| | | | PROVOST MARSHAL P4 - Private 04 | 150 | 38 | 188 |
| | | | SENIOR PROTECTION NCO P5 - Private 05 | 110 | 28 | 138 |
| | | | SR AMD OPS OFF OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | SR INTEL SERGEANT OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | TAIS OPERATOR OR - OPEN REGULAR | 48 | 48 | 96 |
| | | ADMIN SPECIAL | | 184 | 46 | 230 |
| | | | FCA - FILES | 88 | 22 | 110 |
| | | | PCA - PRINTER/COPIER | 96 | 24 | 120 |
| 007 INTEL | | | | 12,800 | 8,252 | 21,052 |

| CORPS PROGRAM DETAILS | | | | | | |
|-----------------------|------------------|---------------|---|--------------|--------------|---------------|
| DIRECTORATE | DIVISION | TYPE | POSITION DISPLAY | NSF | CIRC | TOTAL NSF |
| | 001 INTEL | | | 3,066 | 2,171 | 5,237 |
| | | ADMIN OFFICE | | 2,482 | 2,025 | 4,507 |
| | | | ACOFS G2 P3 - Private 03 | 200 | 50 | 250 |
| | | | AIR FORCE STAFF NCO OR - OPEN REGULAR | 192 | 192 | 384 |
| | | | AIR FORCE STAFF OFFICER OR - OPEN REGULAR | 96 | 96 | 192 |
| | | | ALL SOURCE INTEL TECH OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | ASAS MASTER ANALYST OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | ASSISTANT G2 P4 - Private 04 | 150 | 38 | 188 |
| | | | ASST SSO OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | CHIEF INTELLIGENCE SGT OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | CI AGENT OR - OPEN REGULAR | - | - | - |
| | | | CI SERGEANT OR - OPEN REGULAR | - | - | - |
| | | | DEPUTY G2 P4 - Private 04 | 150 | 38 | 188 |
| | | | HUMINT COLLECTION SGT OR - OPEN REGULAR | - | - | - |
| | | | HUMINT COLLECTOR OR - OPEN REGULAR | - | - | - |
| | | | IEW EQUIP TECH OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | INTEL ANALYST OR - OPEN REGULAR | 672 | 672 | 1,344 |
| | | | INTEL SERGEANT OR - OPEN REGULAR | 144 | 144 | 288 |
| | | | INTELLIGENCE OFFICER OR - OPEN REGULAR | - | - | - |
| | | | INTELLIGENCE SR SGT P5 - Private 05 | 110 | 28 | 138 |
| | | | MILITARY POLICE OR - OPEN REGULAR | 96 | 96 | 192 |
| | | | OPERATIONS OFFICER OR - OPEN REGULAR | 144 | 144 | 288 |
| | | | SQUAD LEADER OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | SR ASAS MASTER ANALYST OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | SR INTEL SERGEANT OR - OPEN REGULAR | 96 | 96 | 192 |
| | | | TARGET OFFICER OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | TEAM LEADER OR - OPEN REGULAR | 48 | 48 | 96 |
| | | ADMIN SPECIAL | | 584 | 146 | 730 |
| | | | FCA - FILES | 176 | 44 | 220 |
| | | | PCA - PRINTER/COPIER | 288 | 72 | 360 |
| | | | TEA - TEAM ROOM | 120 | 30 | 150 |
| | 002 ACE | | | 8,768 | 5,228 | 13,996 |

| CORPS PROGRAM DETAILS | | | | | | |
|-----------------------|----------|---|------------------|-------|-------|-----------|
| DIRECTORATE | DIVISION | TYPE | POSITION DISPLAY | NSF | CIRC | TOTAL NSF |
| | | ADMIN OFFICE | | 240 | 240 | 480 |
| | | ALL SOURCE INTEL TECH OR - OPEN REGULAR | | 48 | 48 | 96 |
| | | ASAS MASTER ANALYST OR - OPEN REGULAR | | 48 | 48 | 96 |
| | | IMAGERY ANALYST OR - OPEN REGULAR | | 48 | 48 | 96 |
| | | INTEL ANALYST OR - OPEN REGULAR | | 96 | 96 | 192 |
| | | SCIF SPECIAL | | 4,586 | 1,159 | 5,745 |
| | | AIS - AUTOMATED INFORMATION SYSTEMS | | 480 | 120 | 600 |
| | | CLS - 35 PERS CONF/VTC | | 805 | 201 | 1,006 |
| | | FCS - FILES | | 264 | 66 | 330 |
| | | PCS - PRINTER/COPIER | | 288 | 72 | 360 |
| | | SFS - STO FACILITY | | 500 | 125 | 625 |
| | | SOS - SECURITY OFFICE | | 385 | 96 | 481 |
| | | SPS - SCIF SECURE PLANNING ROOM | | 1,000 | 250 | 1,250 |
| | | SRS - SERVER ROOM | | 600 | 150 | 750 |
| | | SSS - SCIF SHIFT STAFF | | 48 | 24 | 72 |
| | | STS - GENERAL PURPOSE STORAGE | | 96 | 24 | 120 |
| | | TES - TEAM ROOM | | 120 | 30 | 150 |
| | | SCIF WORKSTATION | | 3,942 | 3,830 | 7,772 |
| | | ALL SOURCE INTEL TECH SR - SCIF OPEN STATION | | 144 | 144 | 288 |
| | | ASAS MASTER ANALYST SR - SCIF OPEN STATION | | 144 | 144 | 288 |
| | | CGS ANALYST SR - SCIF OPEN STATION | | 240 | 240 | 480 |
| | | CGS SERGEANT SR - SCIF OPEN STATION | | 48 | 48 | 96 |
| | | CHIEF INTELLIGENCE SGT SR - SCIF OPEN STATION | | 48 | 48 | 96 |
| | | CHIEF S4 - SCIF PRIVATE 04 | | 150 | 38 | 188 |
| | | CHIEF SR - SCIF OPEN STATION | | 48 | 48 | 96 |
| | | IMAGERY ANALYST SR - SCIF OPEN STATION | | 144 | 144 | 288 |
| | | IMAGERY INTEL TECH SR - SCIF OPEN STATION | | 144 | 144 | 288 |
| | | IMINT OFFICER SR - SCIF OPEN STATION | | 48 | 48 | 96 |
| | | INTEL ANALYST SR - SCIF OPEN STATION | | 768 | 768 | 1,536 |
| | | SIGINT ANALYST SR - SCIF OPEN STATION | | 384 | 384 | 768 |
| | | SIGINT ANALYST TECH SR - SCIF OPEN STATION | | 192 | 192 | 384 |
| | | SIGINT OFFICER SR - SCIF OPEN STATION | | 48 | 48 | 96 |

| CORPS PROGRAM DETAILS | | | | | | |
|------------------------|----------------|--------------|--|--------------|--------------|---------------|
| DIRECTORATE | DIVISION | TYPE | POSITION DISPLAY | NSF | CIRC | TOTAL NSF |
| | | | SIGINT SERGEANT SR - SCIF OPEN STATION | 48 | 48 | 96 |
| | | | SR ASAS MASTER ANALYST SR - SCIF OPEN STATION | 48 | 48 | 96 |
| | | | SR IMAGERY SGT SR - SCIF OPEN STATION | 48 | 48 | 96 |
| | | | SR INTEL SERGEANT SR - SCIF OPEN STATION | 48 | 48 | 96 |
| | | | SR SIGINT SERGEANT SR - SCIF OPEN STATION | 96 | 96 | 192 |
| | | | SR TES DATA SGT SR - SCIF OPEN STATION | 48 | 48 | 96 |
| | | | TACTICAL INTEL OFFICER SR - SCIF OPEN STATION | 48 | 48 | 96 |
| | | | TES DATA ANALYST SERGEANT SR - SCIF OPEN STATION | 96 | 96 | 192 |
| | | | TES DATA ANALYST SR - SCIF OPEN STATION | 720 | 720 | 1,440 |
| | | | TES INTGR/MNTR SR - SCIF OPEN STATION | 192 | 192 | 384 |
| | 003 G2X | | | 966 | 854 | 1,820 |
| | | ADMIN OFFICE | | 966 | 854 | 1,820 |
| | | | ALL SOURCE INTEL TECH OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | CI AGENT OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | CI OFFICER P4 - Private 04 | 150 | 38 | 188 |
| | | | CI SERGEANT OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | CI TECH OR - OPEN REGULAR | 96 | 96 | 192 |
| | | | HUMINT COLLECTION SGT OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | HUMINT COLLECTION TECH OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | HUMINT COLLECTOR OR - OPEN REGULAR | 336 | 336 | 672 |
| | | | SR CI SERGEANT OR - OPEN REGULAR | 96 | 96 | 192 |
| | | | SR HUMINT COLL SGT OR - OPEN REGULAR | 48 | 48 | 96 |
| 008 SUSTAINMENT | | | | 6,552 | 4,194 | 10,746 |
| | 001 G1 | | | 2,236 | 1,423 | 3,659 |
| | | ADMIN OFFICE | | 2,052 | 1,377 | 3,429 |
| | | | ACOFs G1 P3 - Private 03 | 200 | 50 | 250 |
| | | | CH HUMAN RESOURCES SGT P5 - Private 05 | 110 | 28 | 138 |
| | | | CHIEF PERS OPS OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | DEPUTY G1 P4 - Private 04 | 150 | 38 | 188 |
| | | | HR INFO SYS MGMT SGT OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | HR INFO SYS SP OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | HR TECH OR - OPEN REGULAR | 96 | 96 | 192 |

| CORPS PROGRAM DETAILS | | | | | | |
|-----------------------|----------|---------------|--|--------------|--------------|--------------|
| DIRECTORATE | DIVISION | TYPE | POSITION DISPLAY | NSF | CIRC | TOTAL NSF |
| | | | HUMAN RESOURCES OFFICER OR - OPEN REGULAR | 144 | 144 | 288 |
| | | | HUMAN RESOURCES SGT OR - OPEN REGULAR | 336 | 336 | 672 |
| | | | HUMAN RESOURCES SPC OR - OPEN REGULAR | 192 | 192 | 384 |
| | | | PERS MANAGEMENT OFF OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | SR HUMAN RESOURCES SGT OR - OPEN REGULAR | 192 | 192 | 384 |
| | | | P5 - Private 05 | 440 | 110 | 550 |
| | | ADMIN SPECIAL | | 184 | 46 | 230 |
| | | | FCA - FILES | 88 | 22 | 110 |
| | | | PCA - PRINTER/COPIER | 96 | 24 | 120 |
| 002 | G4 | | | 2,428 | 1,615 | 4,043 |
| | | ADMIN OFFICE | | 2,244 | 1,569 | 3,813 |
| | | | ACFT ARMT MAINT OFF OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | AIR MOVEMENTS OFFICER OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | CH FOOD OPNS MGMT NCO P5 - Private 05 | 110 | 28 | 138 |
| | | | CH MECH MAINT OPS NCO P5 - Private 05 | 110 | 28 | 138 |
| | | | CHIEF AMMUNITION NCO OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | CHIEF OF SUSTAINMENT/ACOF S G4 P3 - Private 03 | 200 | 50 | 250 |
| | | | CHIEF OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | DEPUTY G4 P4 - Private 04 | 150 | 38 | 188 |
| | | | INFO SYS TECH OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | LOG OPERATIONS OFF OR - OPEN REGULAR | 144 | 144 | 288 |
| | | | LOGISTIC NCO OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | LOGISTICS OFFICER OR - OPEN REGULAR | 96 | 96 | 192 |
| | | | MOBILITY OFFICER OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | MORTUARY AFFAIRS NCO OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | MORTUARY AFFAIRS OFF OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | ORD LOGISTICS OFFICER OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | PETRL SUPPLY SGT OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | PETROLEUM SYS TECH OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | PLANS OFFICER OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | SR FOOD ADVISOR OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | SR LOG OPS NCO P5 - Private 05 | 110 | 28 | 138 |

DIV / CORPS PROGRAMMING REQUIREMENTS

| CORPS PROGRAM DETAILS | | | | | | |
|------------------------------|--------------------|---------------|---|--------------|-------------|------------------|
| DIRECTORATE | DIVISION | TYPE | POSITION DISPLAY | NSF | CIRC | TOTAL NSF |
| | | | SR LOG SVC SUPV P5 - Private 05 | 110 | 28 | 138 |
| | | | SR MOVEMENTS NCO OR - OPEN REGULAR | 96 | 96 | 192 |
| | | | SR PROP ACCT TECH OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | SR SUPPLY SGT OR - OPEN REGULAR | 96 | 96 | 192 |
| | | | SR TRANSPORTATION SUPV P5 - Private 05 | 110 | 28 | 138 |
| | | | TRANSPORTATION OFF OR - OPEN REGULAR | 144 | 144 | 288 |
| | | | VEHICLE DRIVER OR - OPEN REGULAR | 48 | 48 | 96 |
| | | ADMIN SPECIAL | | 184 | 46 | 230 |
| | | | FCA - FILES | 88 | 22 | 110 |
| | | | PCA - PRINTER/COPIER | 96 | 24 | 120 |
| | 003 G8 | | | 796 | 451 | 1,247 |
| | | ADMIN OFFICE | | 796 | 451 | 1,247 |
| | | | ACOFSS G8 P3 - Private 03 | 200 | 50 | 250 |
| | | | BUDGET OFFICER OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | DEPUTY ACOFSS G8 P4 - Private 04 | 150 | 38 | 188 |
| | | | FIN MGMT ADVISOR OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | SR BUDGET ANALYST OR - OPEN REGULAR | 96 | 96 | 192 |
| | | | SR FIN MGMT ADVISOR P5 - Private 05 | 110 | 28 | 138 |
| | | | MGMT ASSISTANT OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | SUPV ACCOUNTANT OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | SR MGT ANALYST OR - OPEN REGULAR | 48 | 48 | 96 |
| | 004 SURGEON | | | 1,092 | 705 | 1,797 |
| | | ADMIN OFFICE | | 876 | 651 | 1,527 |
| | | | AEROMEDICAL EVAC OFF OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | CH MEDICAL NCO OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | CORPS PHYSICIAN ASSISTANT OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | ENVIR SCIENCE OFFICER OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | HLTH SVC MAT OFF OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | MEDICAL LOG SGT OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | MEDICAL NCO OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | MEDICAL OPERATIONS OFF OR - OPEN REGULAR | 96 | 96 | 192 |
| | | | MEDICAL OPERATIONS OFF P4 - Private 04 | 150 | 38 | 188 |

DIV / CORPS PROGRAMMING REQUIREMENTS

| CORPS PROGRAM DETAILS | | | | | | |
|------------------------------|-----------------------------|---------------|--|---------------|---------------|------------------|
| DIRECTORATE | DIVISION | TYPE | POSITION DISPLAY | NSF | CIRC | TOTAL NSF |
| | | | OPERATIONS NCO OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | PAT ADMIN NCO OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | PREVENTIVE MED OFFICER OR - OPEN REGULAR | 48 | 48 | 96 |
| | | | SURGEON P4 - Private 04 | 150 | 38 | 188 |
| | | ADMIN SPECIAL | | 216 | 54 | 270 |
| | | | PCA - PRINTER/COPIER | 96 | 24 | 120 |
| | | | TEA - TEAM ROOM | 120 | 30 | 150 |
| 009 | BUILDING GENERAL | | | 8,476 | 2,119 | 10,595 |
| | 001 BUILDING GENERAL | | | 8,476 | 2,119 | 10,595 |
| | | ADMIN SPECIAL | | 8,476 | 2,119 | 10,595 |
| | | | BRA - BREAK | 648 | 162 | 810 |
| | | | CBA - 125 Pers Briefing/Conference Room | 2,250 | 563 | 2,813 |
| | | | CEA - CEREMONIAL/SCREENING | 500 | 125 | 625 |
| | | | CLA - 35 PERS CONF/VTC | 805 | 201 | 1,006 |
| | | | CMA - 24 PERS CONF/VTC | 1,716 | 429 | 2,145 |
| | | | CSA - 12 PER CONF/VTC | 1,785 | 446 | 2,231 |
| | | | DCA - DISTRIBUTION ROOM (DIV/CORPS) | 200 | 50 | 250 |
| | | | DTA - DISTRIB/PC BASED LEARNING RM | 572 | 143 | 715 |
| Grand Total | | | | 62,111 | 35,267 | 97,378 |

SAMPLE

COMMAND AND CONTROL
FACILITIES (C2F)
and OTHER ARMY
HEADQUARTERS (Army HQ)

ATTACHMENT D

NUMBERED ARMY (#A)
PROGRAMMING REQUIREMENTS

UFC 4-140-03
30 March 2012

Attachment D. Command and Control Facilities (C2F): Numbered Army (#A)

The Numbered Army (#A) is for specific regional commands. For example, 3rd Army is the Army Service Command Component for US Central Command or CENTCOM. Each Numbered Army has a regional focus and is tailored to meet the unique requirements of its assigned area of responsibility.

This Attachment is organized as follows:

- Part 1 provides an adjacency diagram that shows the desired relationships between the groups within the Headquarters facility;
- Part 2 provides a description of the major staff elements that will occupy the facility;
- Part 3 provides a bubble diagram for a three-story layout of the staff groups;
- Part 4 provides the space program summary and detailed space program

SAMPLE

NUMBERED ARMY PROGRAMMING REQUIREMENTS

Part 1: C2F Adjacency Matrix; Numbered Army (#A)

Table D-1: Adjacency Matrix; Numbered Army. Adjacencies are based on levels of interaction, relative security needs and relationship to operational areas within the C2F. Table D-1 shows desired adjacency relationships for the numbered Army HQ. The diagram includes expected augmentation for CONUS based Armies.

| | SECURITY ZONE 1 (SZ1) | | | | | | | | | | | | | | | | SECURITY ZONE 2 (SZ2) | | | | | | SECURITY ZONE 3 (SZ3) | | | | | | | | | |
|------------------|-----------------------|-----|-----------|---------|---------|----------|-----------|----------|-----------|----------------|------------------|-----------------|--------------|-------------|----------------|---------------|-----------------------|-----------------|-------|------|------|---------|-----------------------|-----------------|------------|---------------|---|--------|------|-----|------------------|-----------------|
| | CMD CONF | CMD | SPEC-CHAP | SPEC-IG | SPEC-IR | SPEC-PAO | SPEC-SAFE | SPEC-SJA | SPEC-SURG | G4 SUST ADMIN. | G4 SUST HQ SECT. | G4 MOBILITY OPS | G4 PEPP DIVN | G4 SUST OPS | G8 SUST ADMIN. | MED OPS ADMIN | CMO DIVN OPS | ENGR DIVN ADMIN | INTEL | MNVR | FECC | PROTECT | C2 INFO SYS | CMD DIG LIAISON | GEOSPATIAL | Maneuver COPS | | C2 SPT | SCIF | NOC | OC | |
| CMD CONF | 5 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | CMD CONF | |
| CMD | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | CMD | |
| SPEC-CHAP | | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 3 | 3 | SPEC-CHAP | |
| SPEC-IG | | | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 3 | 3 | SPEC-IG | |
| SPEC-IR | | | | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 3 | 3 | SPEC-IR | |
| SPEC-PAO | | | | | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 3 | 3 | SPEC-PAO | |
| SPEC-SAFE | | | | | | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 3 | 3 | SPEC-SAFE | |
| SPEC-SJA | | | | | | | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 3 | 3 | SPEC-SJA | |
| SPEC-SURG | | | | | | | | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 3 | 3 | SPEC-SURG | |
| G4 SUST ADMIN. | | | | | | | | | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 3 | 3 | G4 SUST ADMIN. | |
| G4 SUST HQ SECT. | | | | | | | | | | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 3 | 3 | G4 SUST HQ SECT. | |
| G4 MOBILITY OPS | | | | | | | | | | | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 3 | 3 | G4 MOBILITY OPS | |
| G4 PEPP DIVN | | | | | | | | | | | | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 3 | 3 | G4 PEPP DIVN | |
| G4 SUST OPS | | | | | | | | | | | | | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 3 | 3 | G4 SUST OPS | |
| G8 SUST ADMIN. | | | | | | | | | | | | | | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 3 | 3 | G8 SUST ADMIN. | |
| MED OPS ADMIN | | | | | | | | | | | | | | | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 3 | 3 | MED OPS ADMIN | |
| CMO DIVN OPS | | | | | | | | | | | | | | | | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 3 | 3 | CMO DIVN OPS | |
| ENGR DIVN ADMIN | | | | | | | | | | | | | | | | | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 3 | 3 | ENGR DIVN ADMIN | |
| INTEL | | | | | | | | | | | | | | | | | | | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | INTEL | |
| Maneuver | | | | | | | | | | | | | | | | | | | | 4 | 4 | 4 | 3 | 3 | 3 | 3 | 4 | 4 | 3 | 3 | 4 | Maneuver |
| FECC | | | | | | | | | | | | | | | | | | | | | 4 | 4 | 3 | 3 | 3 | 3 | 4 | 4 | 3 | 3 | 3 | FECC |
| PROTECT | | | | | | | | | | | | | | | | | | | | | | 4 | 3 | 3 | 3 | 3 | 4 | 4 | 3 | 3 | 3 | PROTECT |
| C2 INFO SYS | | | | | | | | | | | | | | | | | | | | | | | 4 | 3 | 3 | 3 | 4 | 4 | 3 | 3 | 3 | C2 INFO SYS |
| CMD DIG LIAISON | | | | | | | | | | | | | | | | | | | | | | | | 3 | 3 | 3 | 4 | 3 | 3 | 3 | 3 | CMD DIG LIAISON |
| INT SPT/OPS | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 4 | 4 | 5 | 3 | 3 | 3 | CMD DIG LIAISON |
| Maneuver COPS | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 3 | 3 | 3 | 3 | Maneuver COPS | |
| SCIF | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 3 | 3 | SCIF |
| NOC | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 3 | 3 | NOC |
| OC | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 3 | 3 | OC |

| | |
|-----------------------|--|
| SECURITY ZONE 1 (SZ1) | Security Zone 1: Controlled Access for physical and personal security purposes allowing access for support staff and limited public access. |
| SECURITY ZONE 2 (SZ2) | Security Zone 2: Controlled Access for operational and information security purposes with electronic or mechanical access control. |
| SECURITY ZONE 3 (SZ3) | Security Zone 3: Authorized Operational Staff Only - Restricted Access (OPEN STORAGE). The number of access points to SZ3 shall be limited to the fewest number possible to accommodate operational requirements with electronic or mechanical access control. All access points include proximity card readers. |

Note 1:
Security Zones shall be equipped with programmable electronic key card systems in order to control access to the different zones and spaces

NUMBERED ARMY PROGRAMMING REQUIREMENTS

Part 2: Numbered Army (#A) C2F: Major Staff Element Descriptions

A Numbered Army consists of nine major staff groups:

- Command group
- Special staff
- Operational intelligence staff
- Operational maneuver staff
- Operational fires and effects staff
- Operational protection staff
- Operational Command and Control (C2) staff
- Sustainment staff
- Liaison staff

Table D -2 provides a description of the major staff groups and special staff elements within a numbered Army Headquarters. This table should be used in conjunction with the adjacency matrix to develop internal facility plans. Because of its nature, the special staff is broken out into its component elements. The intel, maneuver and C2 staffs are broken into the elements that divide between security zones two and three (SZ 2 and SZ 3). The sustainment staff has been broken into its elements because of the large size of the sustainment staff group.

Table D-2: Staff Group Descriptions:

| STAFF GROUP | ZONE | FUNCTIONS AND RELATIONSHIPS |
|-----------------------------------|------|--|
| Command Group | 1 | The Command section corresponds to the office of the CEO of a corporation. It needs to be located away from heavy traffic activities and must provide a means for support personnel to control the flow of visitors. It also needs to have an unrestricted access route to the main entrance that allows visitors to have right of entry to the command reception area without moving through operational areas of the building such as the SCIF, JOC and the work areas of Intel and Maneuver. |
| Special Staff - Chaplain | 1 | The office of the chaplain belongs to the personal staff of the commander. The chaplain is responsible for advising the commander on areas of religious support to assigned soldiers and units and for coordinating religious activities of all faiths within the area of responsibility. The office of the chaplain should have proximity to the command suite but should be positioned so that visitors to the office of the chaplain are not able to be monitored by the command group |
| Special Staff - Inspector General | 1 | The office of the inspector general (IG) and the equal opportunity (EO) office belong to the personal staff of the commander. Both have visitor traffic that should be separate from other traffic flowing to the command group and the confidentiality of visitors to these sections has a higher priority than ease of access between the commander, the IG and the EO. The inspector general is responsible for ensuring internal policies and procedures are consistent with all appropriate regulations and for ensuring grievances against members of the command are investigated impartially to determine if they have merit. The EO has similar responsibilities in the area of regulations related to equal opportunity. |

NUMBERED ARMY PROGRAMMING REQUIREMENTS

| | | |
|--------------------------------------|---|--|
| Special Staff - Internal Review | 1 | The Internal Review section is responsible for developing and implementing an internal review program to safeguard, account for, properly use, and care for resources used in accomplishing the command's mission. |
| Special Staff - Public Affairs | 1 | The PAO staff has a three-part assignment. The PAO is responsible for public information, command information and community relations. As the public information office the PAO is responsible for all interactions with the media. As the command information office it is responsible for internal communication within the organization including command publications and dissemination of official organization, Army and defense department information to soldiers and organizations assigned to or under the command of the Corps or Division. As the community relations office they are responsible for working with local political officials to improve communication between the Army and local populations. When deployed, this latter duty would be coordinated with the Civil Affairs team and the State Department country team. The PAO is on the personal staff of the commander and should have good access and proximity to the command suite. The PAO also has visitors who are not affiliated with the organization including members of the media, who should not have unescorted access in the vicinity of the command suite. |
| Special Staff - Safety | 1 | The safety officer is responsible for coordinating safety activities throughout the command, including the command safety and occupational health program, accident prevention program, providing safety training to the local civilian labor force, and preparing risk assessments and recommending risk-reduction control measures for all operations. |
| Special Staff - Staff Judge Advocate | 1 | The JAG is similar to the legal staff of a large corporation. The most familiar function of the JAG is serving as the prosecutor for the commander in matters involving felonies by soldiers assigned to the organization. More critical functions include the law of war, contract law and legal support to stabilization operations. The JAG is on the personal staff of the commander and should be located with good access and proximity to the command suite. |
| Special Staff - Surgeon | 1 | The surgeon is responsible for coordinating health assets and operations within the command including medical evacuation, combat stress control, mass casualty plans, combat health logistics, preventative medicine services and advising the command on health services and health matters. |
| INTEL | 2 | The Operational Intel Section supports the commander in the areas of opposition research, terrain analysis and weather. The activity of Intel involves a variety of secure communications capabilities and much of their workspace is inside of the Sensitive Compartmented Information Facility (SCIF) portion of the building and requires strict access control. They also require direct access to the parking area for SCIF ready vehicles adjacent to the SCIF. The non-SCIF portions of the INTEL section should be immediately adjacent to the SCIF. It should be located away from areas that have customer service activities related to other sections. |

NUMBERED ARMY PROGRAMMING REQUIREMENTS

| | | |
|---|---|--|
| INT SPT/OPS | 3 | The Intel Support and Operations staff are the primary elements that operate inside the SCIF. |
| MANUEVER | 2 | The Maneuver officer's functions are similar to those of the chief operations officer of a corporation. The G-3 section is responsible for coordinating and supervising the mission functions of the assigned organizations. Because the G-3 integrates the operational functions of the other staff sections as they relate to the mission it should be as centrally located as possible consistent with other requirements and constraints. Much of the work of the G-3 involves dealing with classified information and communications. As such, it should be isolated from activities that generate traffic that is not related to the operational function of that section. The The G3/G5 section is the long range planning cell of the organization. They focus on potential and future operations with the purpose of developing plans and orders to other staff agencies and subordinate organizations. The Plans section is not widely interdisciplinary, but works with designated individuals from other activities who are adjunct members of the plans team. This section has a significant amount of classified material which creates a need for an area |
| MANUEVER COPS | 3 | The Maneuver COPS is responsible for managing the joint operations center (JOC), also referred to as the Combined Operations and Intel Center (COIC), which is a restricted area. |
| Fires and Effects | 2 | The Fires and Effects Cell is responsible for coordinating vertical aspects of the battle field. It works closely with the maneuver and protection staff groups and assists in planning, coordinating and assesing the status of operations related to aviation, air defense, non-line of sight weapons and space operations. It should be provided space close to Maneuver, Intel and Protection. |
| Protection | 2 | Protection encompasses the diverse set of activites that focus on protecting the force from hostile actions away from the main points of engagement in addition to enhancing the survivability of units engaged in combat operations. It includes military police, engineer, chemical, biological, radiological and high explosive defense (CBRNE) and active air defense measures. |
| Command & Control - Information Systems | 2 | The Operational C2 section proper is similar to the IT management section of a corporation. At the Army Headquarters level it performs policy and management functions such as estimating requirements, allocating resources and establishing priorities. The staff is not necessarily involved in the day to day operation of the networks or communications systems. Similarly it may not provide help desk or hardware and software management. Rather, it provides plans and policies for the organization as a whole and exercises staff supervision of the IT specialist who provides direct support to users. The C2 section may be augmented with personnel from the signal company which does provide network operations, computer maintenance and hardware and software support. The C2 staff group has overall responsibility for the operation of the network operations center (NOC). |

NUMBERED ARMY PROGRAMMING REQUIREMENTS

| | | |
|---|---|--|
| Command and Control - Support | 3 | The C2 support staff is responsible for the day to day operation of the Network Operations Center and may include staff from external organizations and/or contractors. |
| Sustainment - G1 | 1 | The G-1 office is equivalent to the human resources department of a corporation. While the G-1 has representatives who support operational activities in the building, they serve a clientele that often does not have a requirement for access to operational areas. While it corresponds to a human resources department, it generally does not provide customer service to individual soldiers. Rather, the G-1 serves human resource specialists from subordinate organizations and agencies. The G-1 section frequently provides the personnel who control access to the commander and so proximity to the command suite is recommended as long as traffic to the G-1 does not invade the privacy of the command suite. |
| Sustainment - G4 | 1 | The G-4 section is responsible for the administration of the logistics, transportation and maintenance functions and programs within the area of responsibility. It does not perform any industrial type functions. It generates traffic that should be excluded from operational areas. It does not provide direct customer service. Most of the traffic it generates will be logistics, transportation and maintenance managers from subordinate organizations. |
| Sustainment - G8 | 1 | The G8 section is responsible for resource management functions of the headquarters. It interacts primarily with the G4, G1 and the command group. |
| Sustainment - Medical | 1 | The surgeon is responsible for coordinating health assets and operations within the command including medical evacuation, combat stress control, mass casualty plans, combat health logistics, preventative medicine services and advising the command on health services and health matters. |
| Sustainment - Civil Military Operations | 1 | The Civil Military Operations Staff section is responsible for assisting the commander in the area of interaction with local populations. |
| Sustainment - Engineer | 1 | The engineer has staff responsibility for enhancing movement of friendly forces, obstructing movement of enemy forces and construction support in the area of operations. The engineer also has staff supervision of the topographic section, some of which operates in the SCIF. They need to be located with proximity to the Maneuver, Intel and the SCIF. |
| Command and Digital Liaison Cell | 2 | Liaison activities augment the commander's ability to synchronize and focus combat power. They include establishing and maintaining physical contact and communication between elements of military forces and, as directed, nonmilitary agencies. |

NUMBERED ARMY PROGRAMMING REQUIREMENTS

Part 3: Bubble Diagrams. Figures D-1 through D-3 illustrate the desired distribution of spaces within the C2F based upon an assumed three story structure and the adjacency matrix. The bubbles represent the relative space required for each staff group based on the program in Part 4.

Figure D-1: Numbered Army (#A) C2F First Floor Schematic Layout:

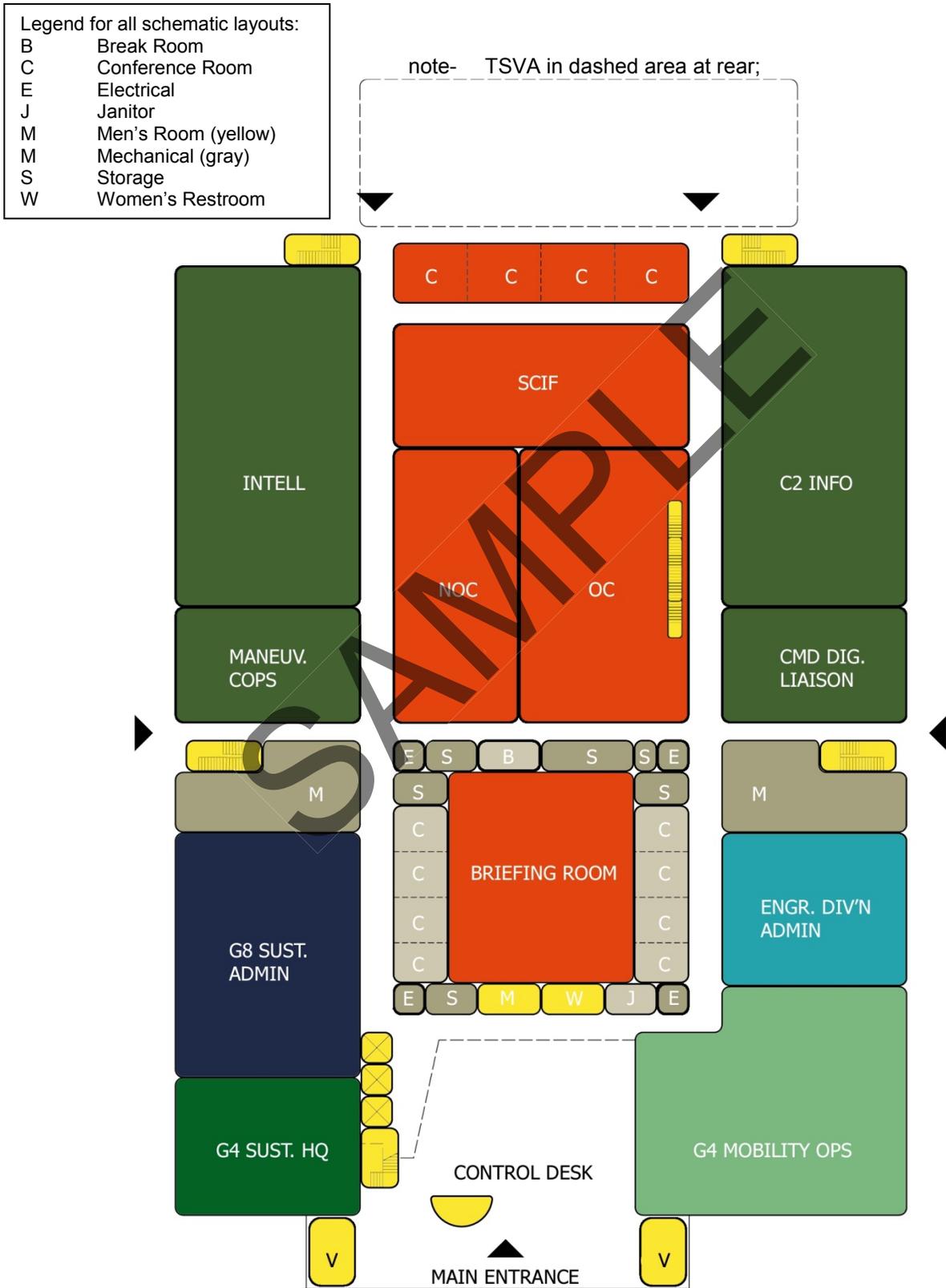


Figure D-2: Numbered Army- (#A) C2F Second Floor Schematic Layout:

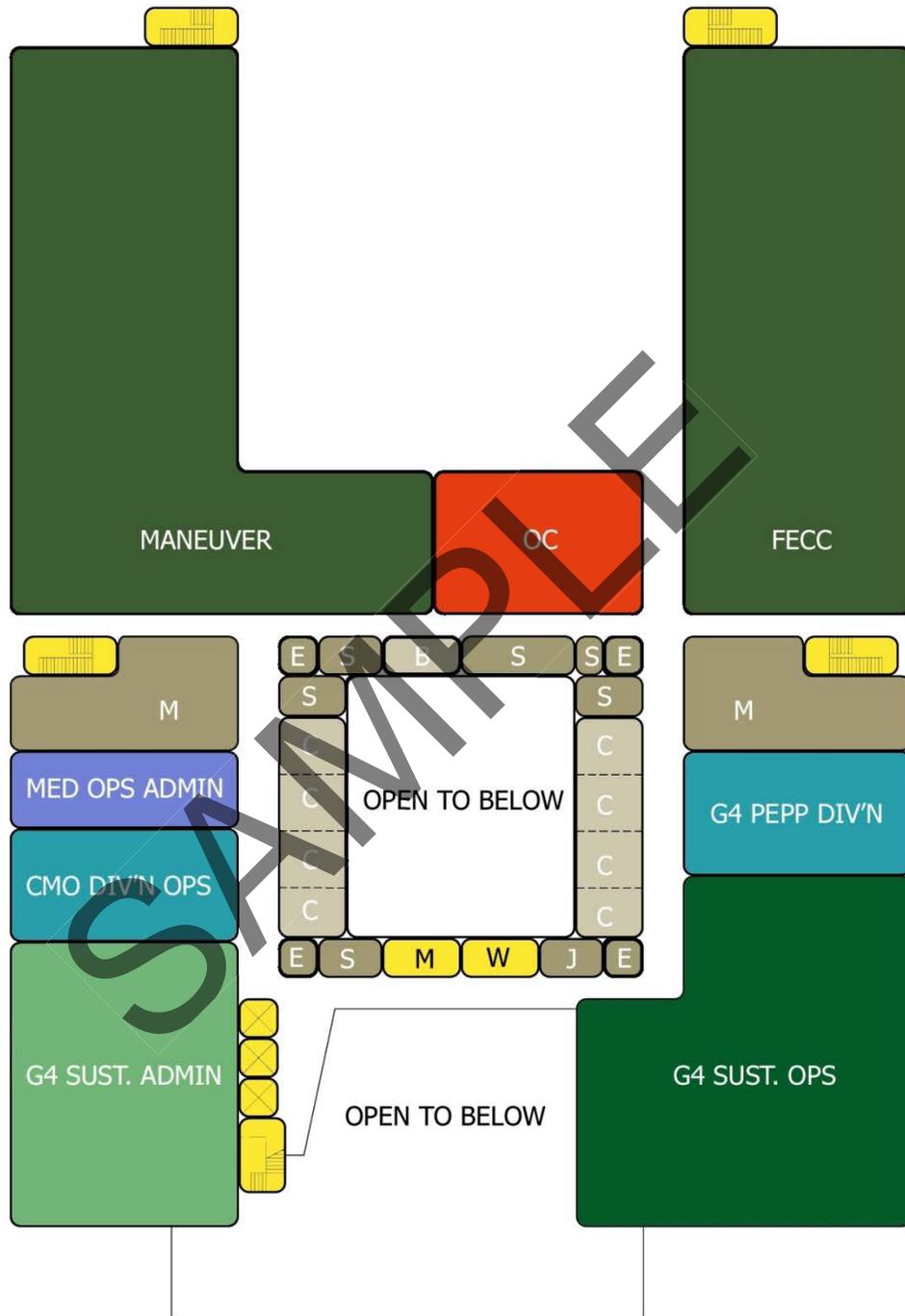
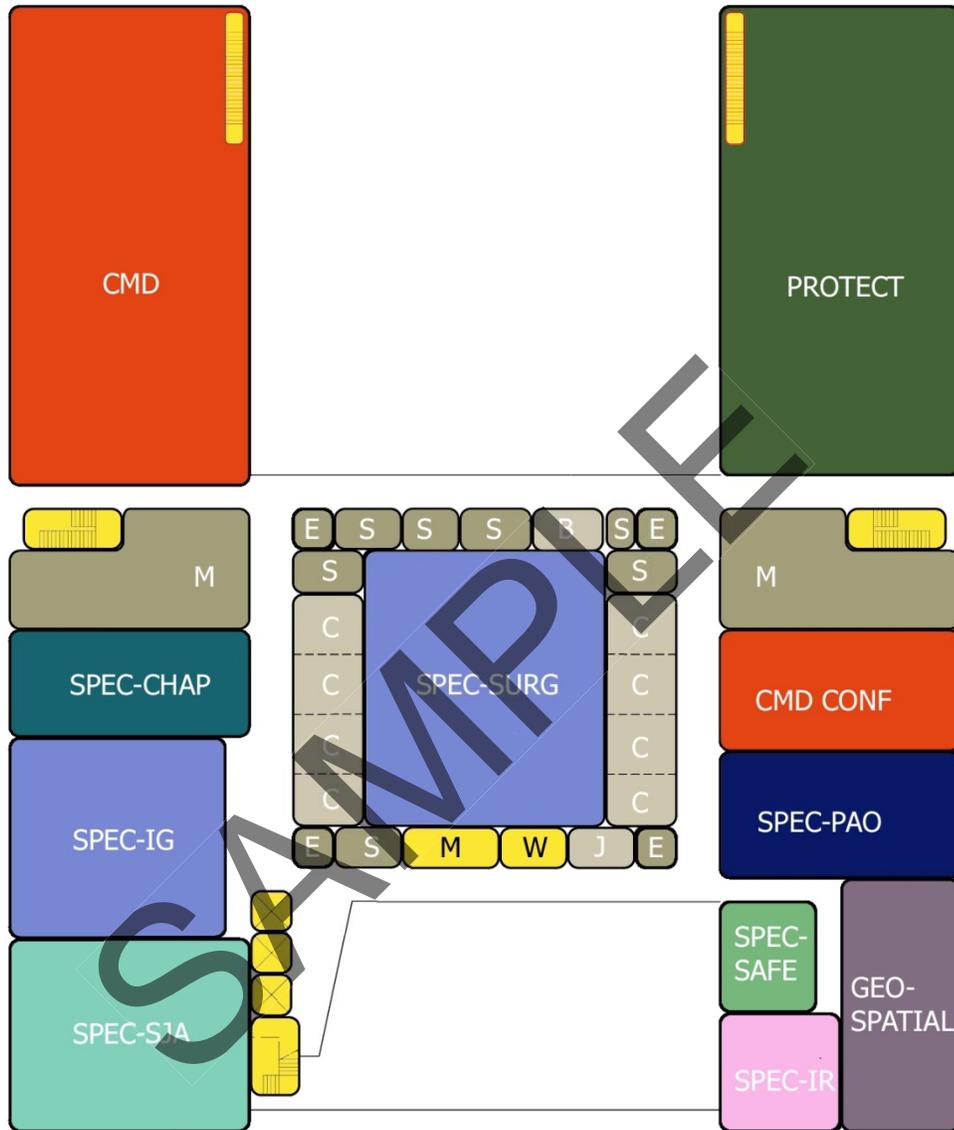


Figure D-3: Numbered Army- (#A) C2F Third Floor Schematic Layout:



NUMBERED ARMY PROGRAMMING REQUIREMENTS

Part 4: Numbered Army (#A) Space Program

Program Requirements: The following is a summary of all spaces authorized in a Numbered Army C2F that is organized with an authorized strength that is within ± 5 per cent of the objective program presented here.

| | | | | | | | |
|--|---------------------|-----------------------|-------------|------------|-----------|--|-----------------------|
| ASCC - NUMBERED ARMY HEADQUARTERS | | | | | | | |
| NUMBERED ARMY | | | | | | | |
| 16-Sep-07 | | | | | | | |
| ASCC - NUMBERED ARMY HEADQUARTERS PROGRAM SUMMARY | | | | | | | |
| VERSION 5.2 8x8 Cubicles at 60% Circulation | | | | | | | |
| PERSONNEL REQUIREMENTS SUMMARY | | | | | | | |
| Command | | | | | | | Personnel |
| ASCC Numbered Army Standard Total Personnel | | | | | | | 1339 |
| Total Admin Personnel | | | | | | | 1146 |
| Grand Total HQ Facility Personnel | | | | | | | 1339 |
| AREA REQUIREMENTS SUMMARY | | | | | | | |
| DESCRIPTION | ADMIN SPACES | SPECIAL SPACES | SCIF | NOC | OC | | PROGRAMMED NSF |
| Total Programmed Area Requirements | 83,384 | 43,641 | 6,813 | 3,609 | 9,541 | | 146,988 |
| Total Intra - Office Circulation | 44,250 | 10,527 | 2,594 | 1,641 | 5,975 | | 64,987 |
| Subtotal 1 (All Programmed Area Requirements) | | | | | | | 211,975 |
| Grand Total HQ Facility Area Requirements | | | | | | | 297,692 |
| BUILDING AREA PER PERSON | | | | | | | |
| Total Administrative NSF Per Person | | | | | | | 1339 |
| Total GSF Per Person | | | | | | | 222 |

Key for detailed Program (on following pages):

1. Square foot requirements shaded in light blue throughout the program are accounted at the bottom of program in the SCIF Program.
2. Square foot requirements shaded in light yellow throughout the program are accounted at the bottom of program in the Operation Center (OC) Program.
3. Square foot requirements shaded in green throughout the program are accounted at the bottom of program in the Network Operation Center (NOC) Program.

**COMMAND AND CONTROL
FACILITIES (C2F)
and OTHER ARMY
HEADQUARTERS (Army HQ)**

ATTACHMENT E

**ARMY COMMAND (ACOM)
PROGRAMMING
REQUIREMENTS**

**UFC 4-140-03
30 March 2012**

Appendix C. Command and Control Facilities (C2F): Army Command (ACOM)

US Army Materiel Command (AMC): The United States Army Materiel Command provides superior technology, acquisition, support, and logistics to ensure dominant land force capability for Soldiers, the United States, and our Allies.

US Army Forces Command (FORSCOM): The United States Army Forces Command trains, mobilizes, deploys, sustains, transforms, and reconstitutes assigned conventional forces, providing relevant and ready land power to combatant commanders. U.S. Army Forces Command (FORSCOM) is also an operational level Army force designated by the SA as the ASCC to U.S. Joint Forces Command (USJFCOM).

US Army Training and Doctrine Command (TRADOC): The United States Army Training and Doctrine Command recruits, trains, and educates the Army's Soldiers; develops leaders; supports training in units; develops doctrine; establishes standards; and builds the future Army.

Program summaries and detailed space programs for each of the three Army Commands are provided on the following pages.

SAMPLE

COMMAND AND CONTROL
FACILITIES (C2F)
and OTHER ARMY
HEADQUARTERS (Army HQ)

STANDARD
DESIGN

ATTACHMENT F

C2F and other Army HQ
Programming Requirements and
Conceptual Drawings

UFC 4-140-03
30 March 2012

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SAMPLE

C2F AND OTHER ARMY HEADQUARTERS SPACE PROGRAM

This attachment is reserved for inserting the Space Program for individual Army HQ RFPs. Since each organization authorized an Army HQ is unique, develop single a consolidated space program for **all** intended building occupants to achieve maximum efficiency of shared and support (e.g., mechanical / electrical) spaces using the procedures outlined in Attachment B. Conceptual drawings follow Space Program.

[Note to Planner: Insert Space Program tables here for Army HQ, prior to drawings below.]

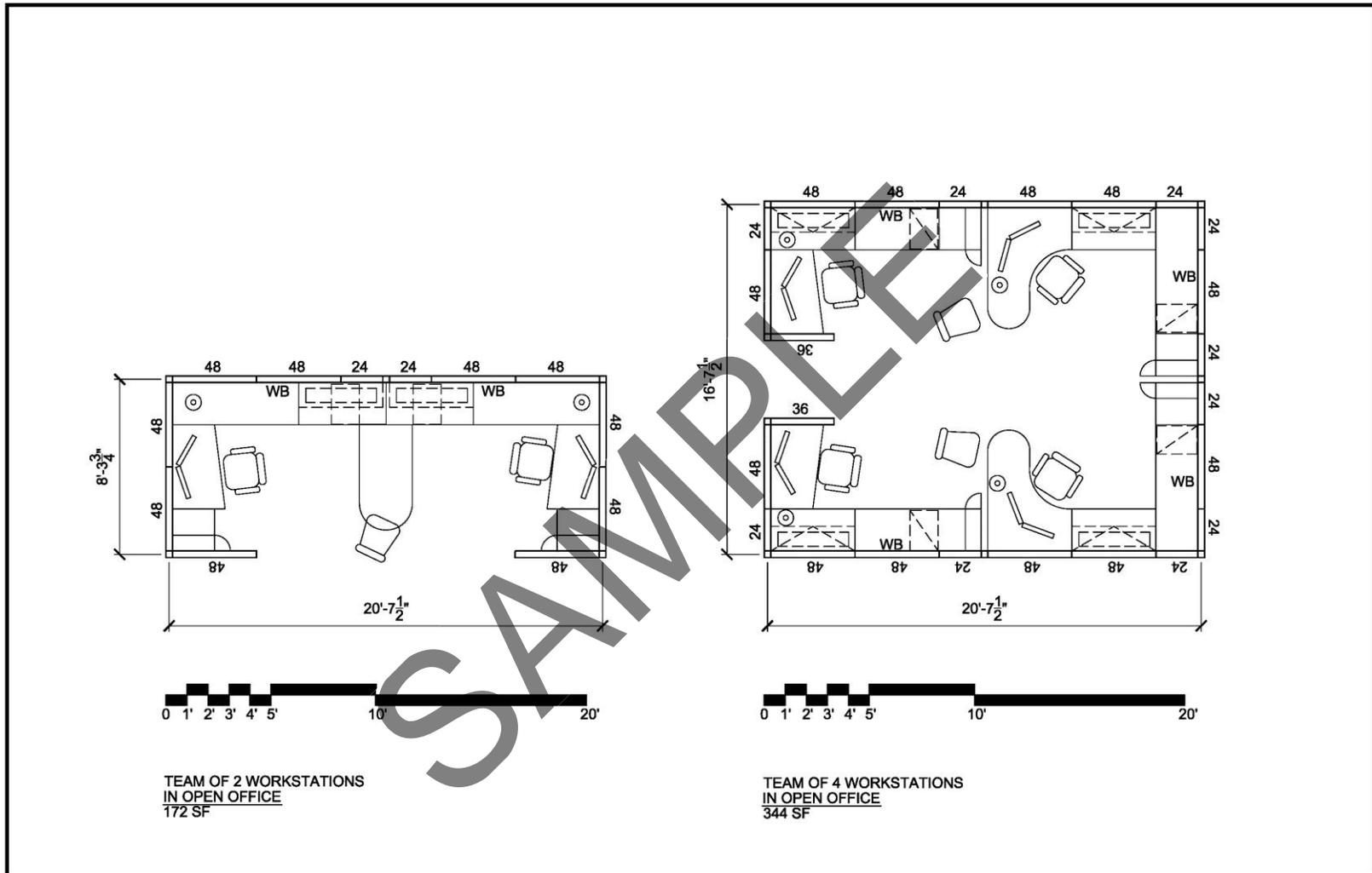
SAMPLE

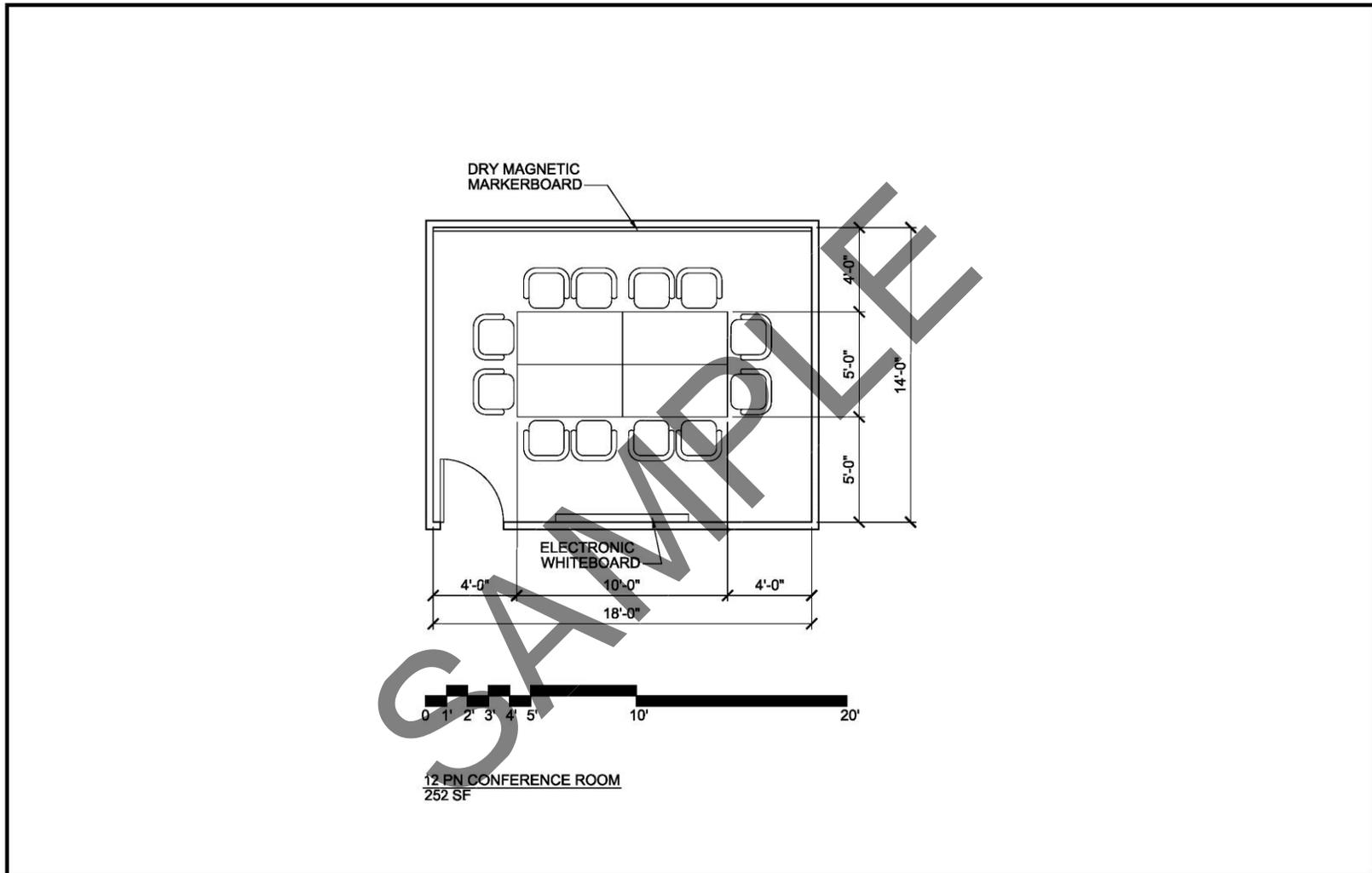
OTHER ARMY HEADQUARTERS CONCEPTUAL DRAWINGS

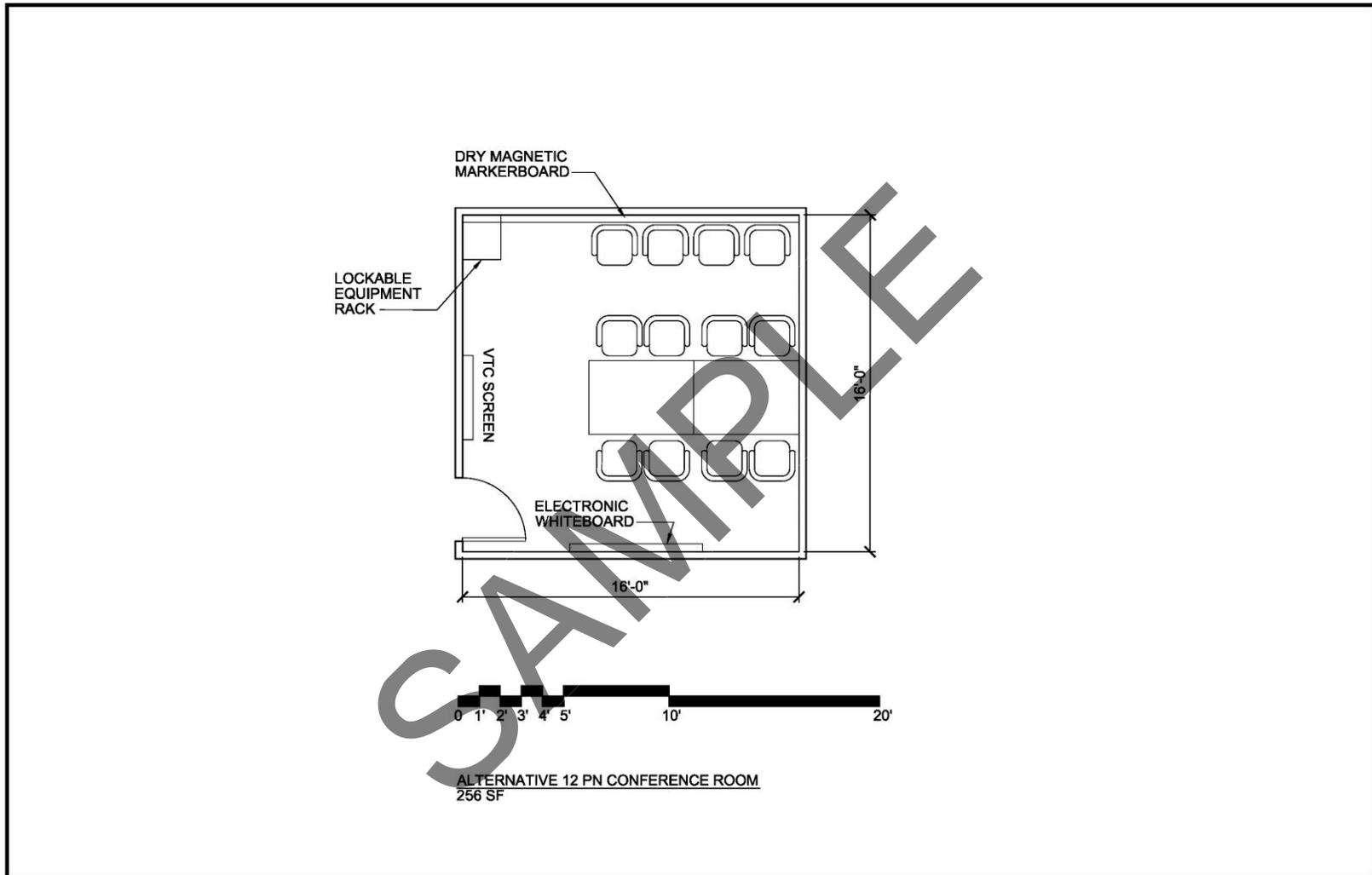
This legend contains some of the furniture for conceptual purposes. See Table 3.13.1.1 in the SOW for full coordination of furnishings.

| FREESTANDING FURNITURE KEY LEGEND | | |
|--|---------------------|---|
| CHAIR CODE | DESCRIPTION | MODULE |
| C1 | MEETING CHAIR | EXECUTIVE CONFERENCE ROOM |
| C2 | GALLERY CHAIR | EXECUTIVE CONFERENCE ROOM, GENERAL PURPOSE BRIEFING ROOM (50PN) |
| C3 | MEETING CHAIR | GENERAL PURPOSE BRIEFING ROOM (50PN), GENERAL PURPOSE MULTI-FUNCTIONAL ROOM (12 PN) |
| C4 | GALLERY CHAIR | CONFERENCE ROOM/VTC (24PN), CONFERENCE ROOM/VTC (12 PN) |
| C5 | MEETING CHAIR | CONFERENCE ROOM/VTC (24 PN) |
| C6 | MEETING CHAIR | DISTRIBUTED/COMPUTER-BASED TRAINING (16PN), CONFERENCE ROOM/VTC (12 PN), SECURE PLANNING ROOM (10 PN), TEAM ROOM, OPEN TEAM AREA |
| TABLE CODE | DESCRIPTION | MODULE |
| T1 | MEETING TABLE | EXECUTIVE CONFERENCE ROOM |
| T2 | 36X60 MEETING TABLE | CONFERENCE ROOM/VTC (24 PN), GENERAL PURPOSE BRIEFING ROOM (50 PN) |
| T3 | 30X60 MEETING TABLE | CONFERENCE ROOM/VTC (24 PN), GENERAL PURPOSE MULTI-FUNCTIONAL ROOM (12 PN), GENERAL PURPOSE BRIEFING ROOM (50 PN), DISTRIBUTED/COMPUTER-BASED TRAINING (16PN) |
| T4 | 42X60 MEETING TABLE | CONFERENCE ROOM/VCT (12 PN), SECURE PLANNING ROOM (10 PN), TEAM ROOM |
| T5 | 30X42 WORK TABLE | OPEN TEAM AREA |

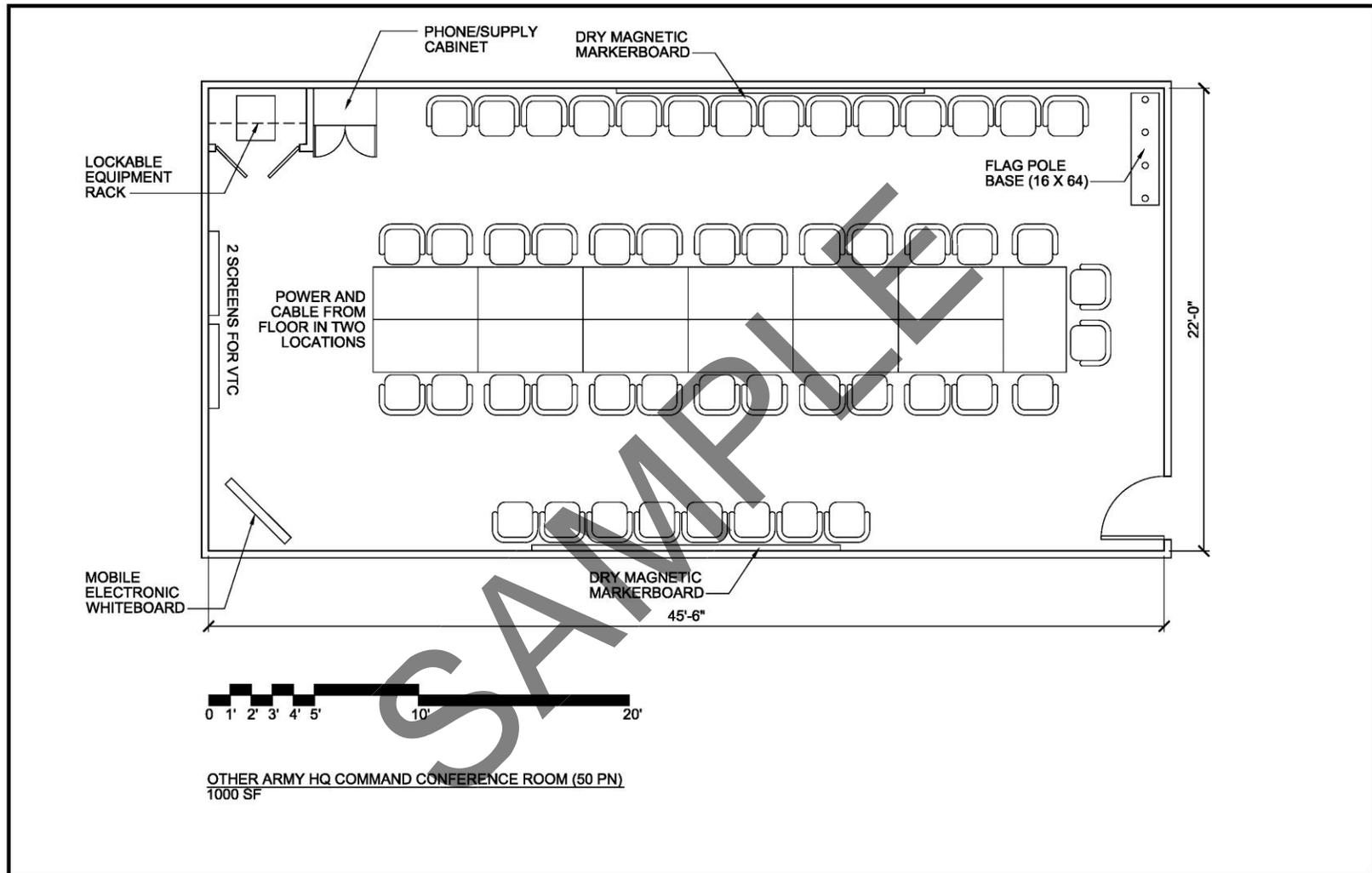
OTHER ARMY HEADQUARTERS CONCEPTUAL DRAWINGS

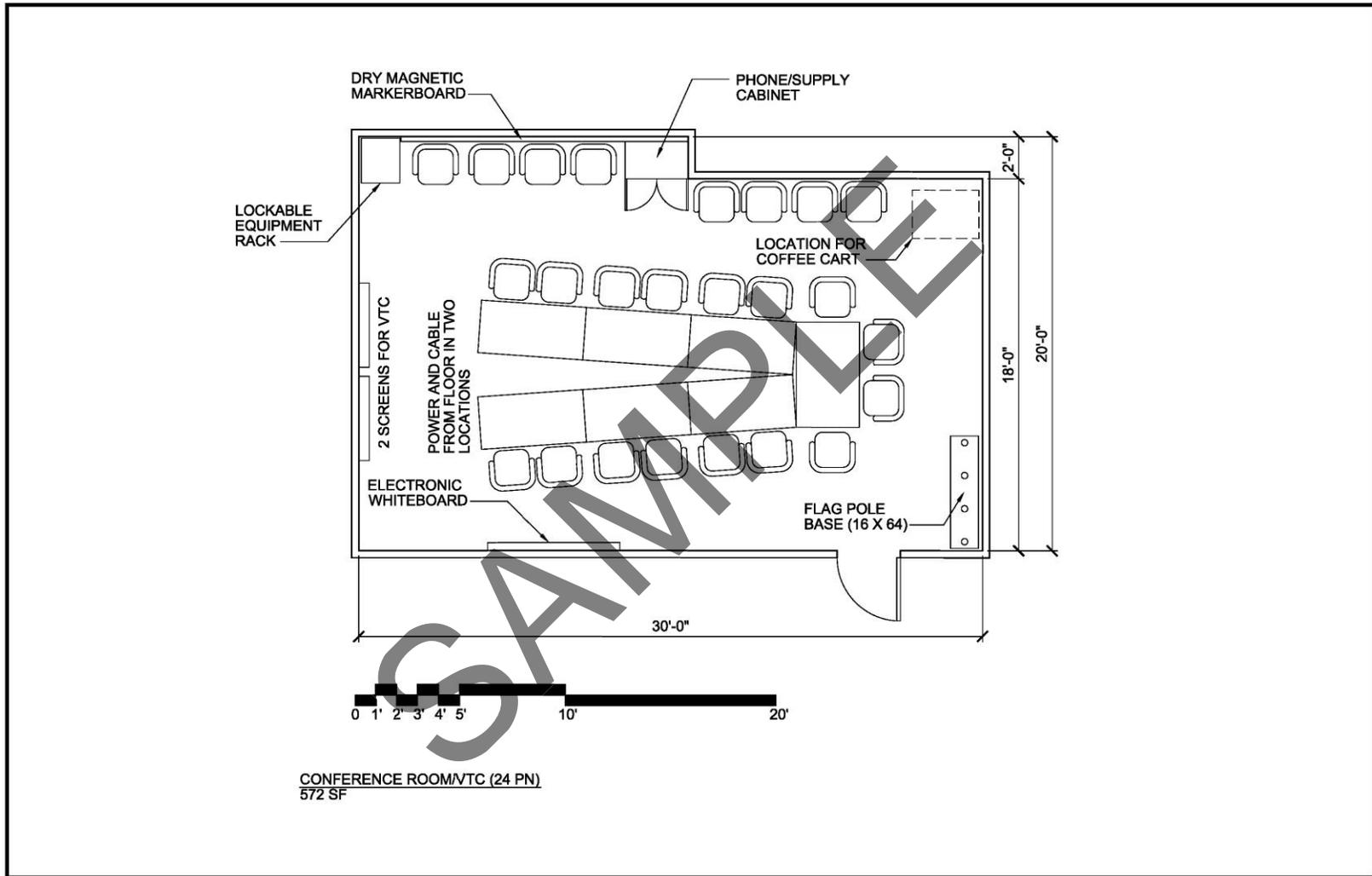




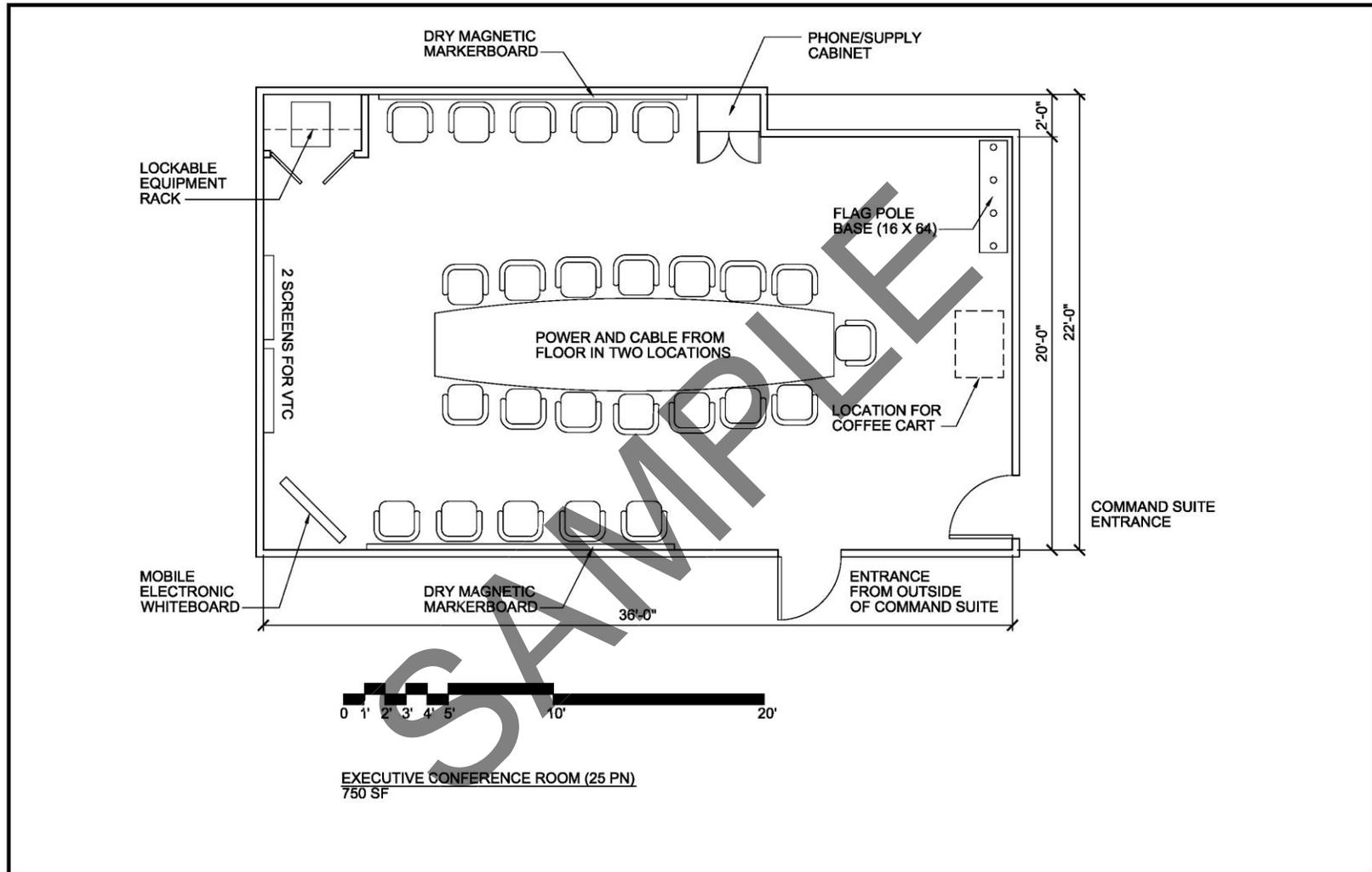


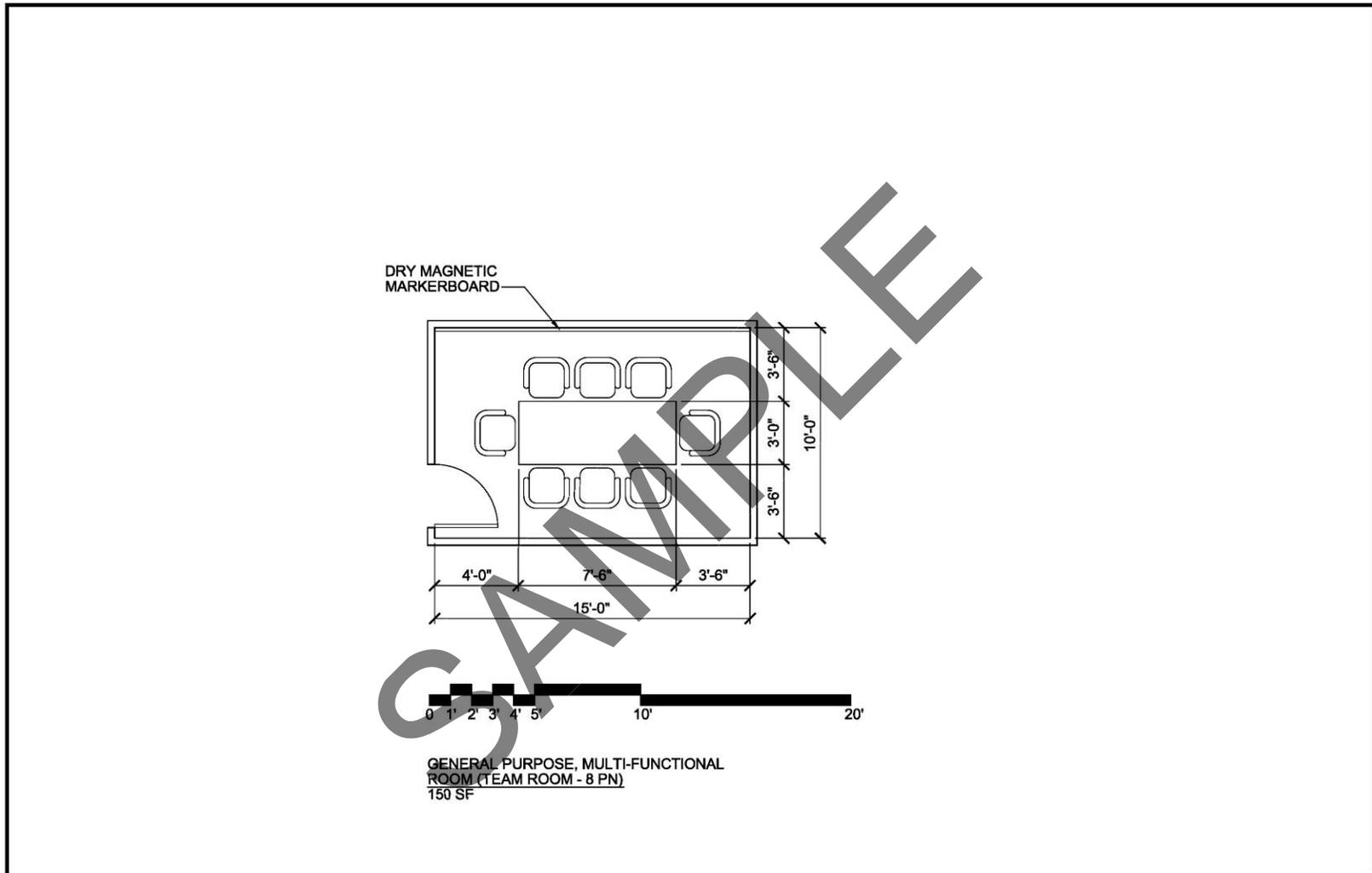
OTHER ARMY HEADQUARTERS CONCEPTUAL DRAWINGS

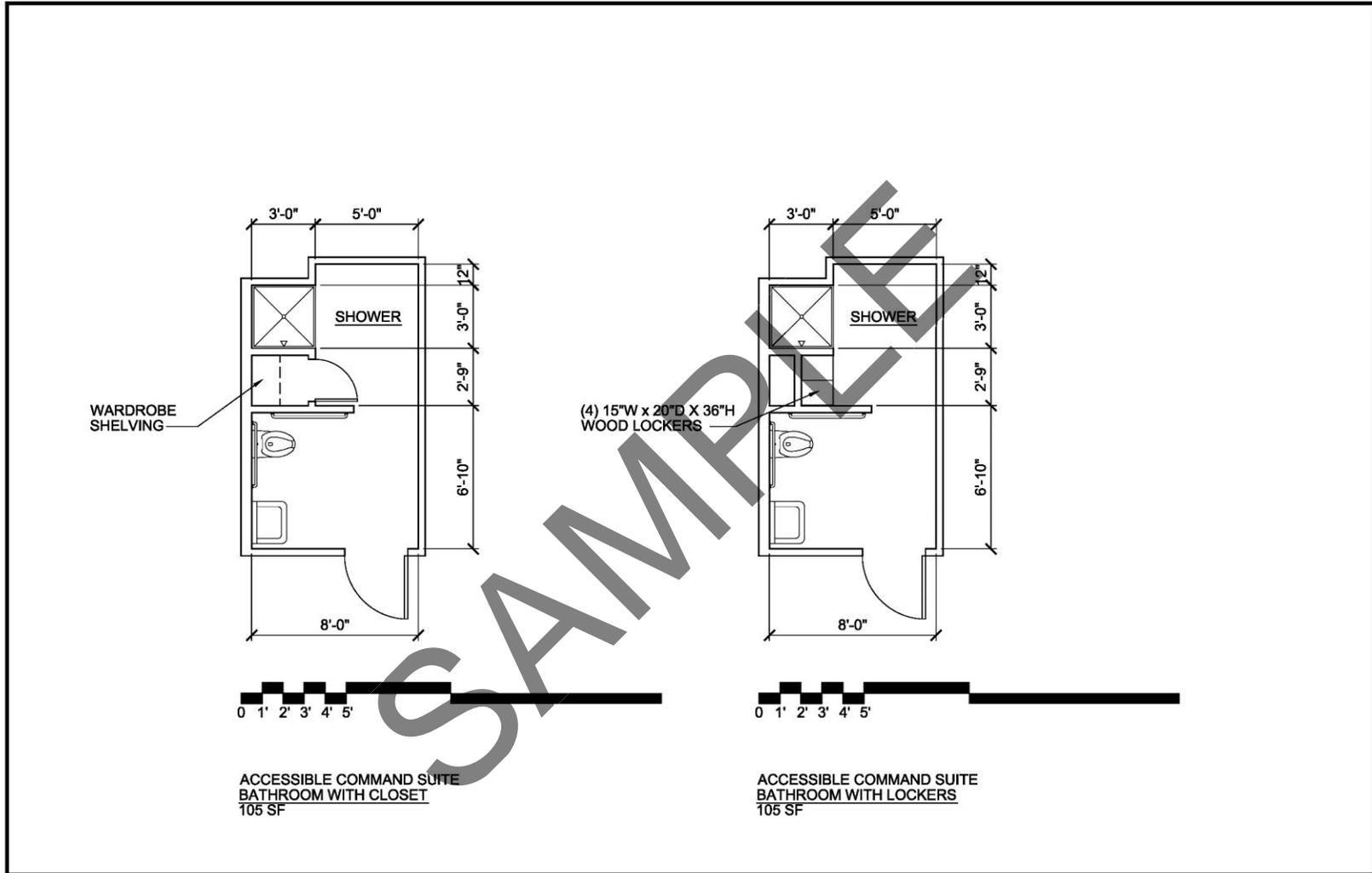




OTHER ARMY HEADQUARTERS CONCEPTUAL DRAWINGS







OTHER ARMY HEADQUARTERS CONCEPTUAL DRAWINGS

