DEPARTMENT OF THE ARMY
ASSISTANT CHIEF OF STAFF FOR INSTALLATION MANAGEMENT
600 ARMY PENTAGON
WASHINGTON DC 20310-0600

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JAN 18 2008

MEMORANDUM FOR

Commander, US Army Corps of Engineers (CEMP), 441 G St NW, Washington, DC 20314
Installation Management Command (IMCOM), 2511 Jefferson-Davis Highway, Arlington, VA 22202

SUBJECT: Army Standard for Warriors in Transition (WT) Soldier Family Assistance Center (SFAC)

1. The enclosed Army Standard for WT SFAC is hereby approved for implementation. The standard applies to all Army Components. Only the Assistant Chief of Staff for Installation Management has authority to approve exceptions to this standard. Waivers from the Army Standard must be approved in accordance with AR 420-1.

2. This standard is mandatory for Military Construction, Army (MCA) projects in FY08 and beyond. Designs based on these Army Standards, Standard Designs and Design Criteria will be developed consistent with MILCON transformation methodologies.

3. The co-chairs for Facilities Design Team (FDT) for WT SFAC are Mr. Keith Painter, IMWR-FP, keith.painter@us.army.mil, 703-681-7404, and Mr. Charles Huffman, DAIM-ISH, charles.huffman@hqda.army.mil, 703-601-2504.

4. The FDT POC at the USACE Center of Standardization for WT SFAC is Mr. Bill Workman, CESWF, william.k.workman@swf02.usace.army.mil, 817-886-1715.

ROBERT WILSON
Lieutenant General, GS
Assistant Chief of Staff
for Installation Management

Enclosure
as

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The Army Standard for Soldier Family Assistance Center (SFAC)

Description:

A building where staff and volunteers provide information, guidance, and assistance in solving problems of a personal nature for military personnel and their dependents. This assistance may provide information on career counseling, emergency leave, family advocacy, grants, handicapped children, housing, insurance, legal matters, loans, military separation, passports, personal financial management, retirement, social work services, transportation, and voting. Space within this category may be used as a Family Resource Center to serve as a non-religious meeting point for spouses of deployed soldiers and/or a Women, Infant and Children (WIC) office.

Applicability:

- The Army Standard applies to Active, Reserve and National Guard Component facilities on Army Installations.
- The Army Standard is mandatory for all construction projects effective in FY08 and beyond.
- SFAC projects must be reviewed by the COS for compliance with the Army Standard.
- All USACE geographic districts incorporate the mandatory design features described herein in close coordination with the USACE designated Center of Standardization (COS), for SFAC.
- This Army Standard supersedes space allowance standards and/or contained in AR 405-70 and serves as the primary authority for SFAC projects worldwide.

Waivers:

- Only the Assistant Chief of Staff for Installation Management has the authority to approve exceptions to the Army Standard.
- Waivers from the Army Standard must be requested in accordance with the AR 420-1 and the Army Facilities Standardization Program Charter, latest edition.
- All waiver requests to this Army Standard require COS conflict resolution prior to submission by the Garrison Commander through IMCOM Region to HQ IMCOM.
- Garrison Army Standard waiver request submissions must be received in sufficient time to allow completion of Facility Design Team review and development of recommendations or courses of action for the Army Facilities Standardization Committee to consider prior to implementation into project design. Late submissions or project delays are not sufficient stand alone justification for accelerated review or other dispensation to meeting the Army Standard contained herein.
- All waiver requests shall include compelling rationale of functional and operational deviations to include substantiating documentation in sufficient detail for the Army to assess implications of approving the waiver.
- All HQDA approved waivers shall be documented in installation master plans thereby serving as the installations modified standards.

THE ARMY STANDARD FOR SOLDIER FAMILY ASSISTANCE CENTER

ITEM	MANDATORY CRITERIA
Gross Area of Facilities	GSF (Gross Square Feet) Deviation: Facility constructed gross area shall not exceed 105% of space allocation set forth in this document to accommodate site, construction, or environmental factors. The Army Standard provides all square footage at full scope. There are no spaces computed at one-half the actual floor area. Maximum GSF shown below: Small SFAC – 7,000 GSF; Large SFAC – 15,000 GSF
Energy Policy Act 2005 (EPACT 05) / Executive Order 13423	Soldier Family Assistance Center shall be designed in compliance with requirements for federal facilities IAW EPACT 05 and E.O. 13423.
Technical Design Criteria and Standards	International Building Code (IBC) defines minimum code requirements that shall be met; Installation Design Guide (IDG) or Area Design Guide (ADG) and military standards will define requirements or design features that are unique to the installation or to the mission. Where an IDG, ADG, IBC or military standard conflicts, the more stringent document shall be followed.
Exterior Appearance	Comply with IDG or ADG architectural features.
Exterior Lighting	Exterior lighting systems provided for parking areas, sidewalks, playground, building entrances, and perimeter.
Sustainability	Facility shall be designed to meet current sustainable development and design policy requirements as established by Department of the Army.
Accessibility	Soldier Family Assistance Center will be accessible to individuals with disabilities in accordance with the Uniform Federal Accessibility Standards (UFAS), as required by Architectural Barriers Act, title 42 United States Code, sections 4151 - 4157, (42 USC 4151-4157). The U.S. Architectural & Transportation Barriers Compliance Board established the Americans with Disabilities Act (ADA) Accessibility Guidelines for Buildings and Facilities in August 1994. The latest edition of these guidelines, referred to as the ADAAG, will be met whenever they provide equal or greater accessibility than UFAS.
Finishes	Finishes shall be coordinated through USACE COS to ensure use of therapeutic colors, flooring material and countertop textures.
Limited Access Areas	Accessibility for individuals with disabilities is not required to mechanical rooms, piping or equipment catwalks, electrical and telephone closets, and general utility rooms.
Private Operated Vehicle (POV) Parking	POV parking space minimum requirements are: Small SFAC – 20 Parking Spaces (2 are Handicap) Large SFAC – 36 Parking Spaces (3 are Handicap)

Vehicular Circulation/Service Road/Drives	Provide site entrances, exits, service drives and special circulation areas sized to accommodate the largest vehicle that uses the area. Service road/drive must be provided on the side of the building adjacent to the mechanical room. The service drive will have a controlled access point with a control structure.
Controlled Entry Access	A doorbell shall be located outside and adjacent to the Child Activity Room door and will provide an audible alert inside the Child Activity Room. Door hardware shall provide a keyed access from the Reception Area and a passage access from inside the Child Activity Center and will have a minimum 2' x 2' vision panel.
Reception Area Public Restroom and Water Fountain	Handicapped accessible public restrooms and water fountain for Soldiers, parents and visitors shall be located within view of reception area. Separate Male and Female restrooms, each with a wall-mounted diaper changing station, shall be provided.
Administrative Offices Public Restroom and Water Fountain	Handicapped accessible public restrooms for administrative personnel shall be located within the Administrative Office area. Separate Male and Female restrooms shall be provided.
Public Computer Access	A minimum 160 NSF room with Internet capability for six (6) computers.
Nourishment Center	A minimum 195 NSF nourishment center room with built-in countertop with under/overhead cabinets (including shelves), sink with garbage disposal, microwave shelf, an oven/4-burner range with vent hood, an area for trash/recycle, space and electrical outlet provided for a minimum 14 cu. ft. refrigerator, a dishwasher, and a minimum of two (2) vending machines. Provide a pass-through opening from the Nourishment Center to the Multi-Use / Conference Room
Multi-Use / Conference Room	Conference room equipped with video teleconference capability (VTC) and separate storage area. Minimum NSF is as follows: Small SFAC – 400 NSF room with 50 NSF lockable storage closet Large SFAC – 700 NSF room with 100 NSF lockable storage closet
Reception Area	Reception area minimum seating for Soldiers, family and visitors: Small SFAC – 16 Seats; Large SFAC – 32 Seats • Signage/way finding to public amenities such as: vending, restrooms, phones, administration offices, and exit signage. • Reception desk shall provide visual control access to main building entrance and reception area.
Child Activity Room (Room Features)	**GENERAL CRITERIA (Small and Large SFAC)** • Sign-in desk with power and data port shall be located immediately inside room entrance. Lockable storage for direct care staff coats and personal items shall be provided. • Child activity room dual functions for eating and sleeping.

Child Activity Room (Room Features) Continued	• Doors into activity room shall be provided with a 12" wide side lite (safety glass). Side lites shall extend the height of the door. Activity room will have a direct exit to the outdoors for play and emergency exit. Doors will swing in the direction of exit travel. • Room must have an exterior door (34"clear minimum width opening) to allow for emergency crib evacuation and direct exiting onto outdoor play space. Exterior door must swing in direction of exit travel to facilitate exit of evacuation crib(s). Provide low door threshold. • Built-in diaper changing station (35 ¾" H X 601/2" W X 24" D) with sink and storage for fourteen (14) underneath storage trays - along with an exhaust fan is required at each diaper changing station exhausting 100-150 cubic feet per minute (cfm). Diaper changing table shall have an integral 6" lip to prevent infant from rolling off and an unbreakable mirror installed along back wall. Goose-neck faucet and wrist blade handles required at sink. Retractable stairs that lock into place required. • Provide a solid surface food preparation/art counter with upper and lower cabinets. Provide integral backsplash with two (2) separate stainless steel sinks and Ground Fault Current Interrupter (GFCI) electrical outlets above backsplash. Space and electrical outlet to be provided for a minimum 9.6 cu. ft. refrigerator. • Cubbies to be provided. Cubbies to be pre-manufactured and will feature a top and bottom space for hats, mittens, shoes and boots and hanging space for jackets and other personal belongings. • Storage closets to be provided within the child activity room in both SFACs. Large SFAC: 64 NSF Small SFAC: 50 NSF **SMALL SFAC:** • One (1) pediatric toilet (10" to the rim) with floor drain for use by pre-toddler and toddler age children. Toilets shall not be provided with automatic flush valve. Provide an exhaust vent located within toilet area exhausting 100-150 cfm. • One (1) wall hung child size sink (1'5" AFF) for hand washing must be provided for pre-toddlers/toddlers. Wall hung unbreakable safety mirror to be placed above sink. Sink to be opposite the toilet. • One (1) bubbler with guarded stream drinking head to be provided outside the toilet area for pre-toddlers/toddlers. Bubbler to be 1'5" AFF. • One (1) pediatric toilet (13" to the rim) with floor drain to be provided for preschool/school-age children. Wall hung unbreakable safety mirror to be placed above sink. Toilet area to be separate from the toilet area for pre-toddlers/toddlers. Toilet area for preschool/school-age children to be provided with stall door (see floor plan). Toilet shall not be provided with automatic flush valve. Child toilet area for preschool/school-age children must meet ADA

Child Activity Room (Room Features) continued	requirement. Child toilet area to be provided with an exhaust vent located within the wall directly behind the toilet area exhausting 100-150 cfm. • One (1) wall hung child size sinks (1'8" AFF) for hand washing must be provided for preschool/school-age children. Wall hung unbreakable safety mirror to be placed above sink. **LARGE SFAC:** • Two (2) pediatric toilets (10" to the rim) with floor drain for use by pre-toddler and toddler age children. Toilets are to be separated with either a wall mounted or ceiling hung toilet partition 30" - 36" high, 24" deep and 12" AFF. Toilets shall not be provided with automatic flush valve. Provide an exhaust vent located within wall directly behind toilet area exhausting 100-150 cfm. • Two (2) wall hung child size sinks (1'5" AFF) for hand washing must be provided for pre-toddlers/toddlers. Wall hung unbreakable safety mirror to be placed above each sink. Sinks to be opposite toilets. • One (1) pediatric toilet (13" to the rim) with floor drain to be provided for preschool/school-age children. Toilet area to be separate from the toilet area for pre-toddlers/toddlers. Toilet area for preschool/school-age children to be provided with stall door (see floor plan). Toilet shall not be provided with an automatic flush valve. Child toilet area must meet ADA requirement. Child toilet area to be provided with an exhaust vent located within toilet area exhausting 100-150 cfm. • One (1) wall hung child size sinks (1'8" AFF) for hand washing must be provided for preschool/school-age children. Wall hung unbreakable safety mirror to be placed above sink. • Two (2) separate bubblers with guarded stream drinking head to be provided in the large SFAC. One bubbler outside the toilet area for pre-toddlers/toddlers (1'5" AFF) and one bubbler outside the toilet area for preschool/school-age children (1'8" AFF).
Child Activity Room (CCTV Monitoring)	Must have video monitoring system to deter and reduce the risk of child abuse and protect staff from unwarranted allegations of abuse. Conduits, power, LAN jacks are to be installed as required to support camera locations as identified by Family and Morale Welfare and Recreation Command (FMWRC). A monitor will be provided in the Reception Area that is visible to the public as well as the Reception Desk. A monitor will also be provided in the open office area in the Large SFAC. In the small SFAC, the desktop monitor will be located on the desk of the Director.
Child Activity Room (Camera Equipment Room)	Separate room or area will be provided to store the equipment racks for the video monitoring security system. Racks are approximately 48"W x 30"D x 84" H. Special consideration for heat build up is required. Locate equipment in Communications Room.
Child Activity Room (Vision Panels)	All doors must have a minimum of 2' x 2' vision panels (entrance door, closets, and storage closets).

Child Activity Room (Vision Panels) continued	Vision panels must be provided in the large SFAC divider wall between the Reception Area and the Child Activity Room, and between the Playground/outdoor play area and the Child Activity Room. Vision panels must be provided in the small SFAC divider wall between the Reception Area and the Child Activity Room. Vision panels shall extend from normal 6'-8" – 7'-0" height to 54" above finished floor.
Child Activity Room (Playground/Outdoor Play Area)	• Outdoor play area (playgrounds) must be provided to support programming. (Optimal square footage for the Small SFAC – 1,200 sq ft. Optimal square footage for Large SFAC – 3,000 sq ft.) Playgrounds must meet guidelines contained in the Consumer Products Safety Commission (CPSC) Handbook for Public Playground Safety, the American Society for Testing Materials (ASTM) F-1487-93, and meet ADA guidelines for playgrounds (www.access-board.gov). Age appropriate play equipment, as well as a minimum 12' x 12' shade structure in the outdoor play areas is a requirement for certification. • A playground safety surface shall be provided throughout all use zones and under all play equipment. The safety surface will be unitary or poured in place material. The swing fall attenuation material will be engineered wood fiber, with approved rubber matting at foot contact point underneath the swings. Beneath the infant swings, a unitary safety surface will be used. A minimum 12' x 12' hardstand shall be provided that is appropriate for school-age children to play basketball or roller skate. • Trike paths are a requirement and dual function as an evacuation route, as well as, a play element. Refer to ADA Guidelines for widths of pathways for egress. • Outdoor Play Area must be fenced. All fencing must be vinyl coated chain-link security type minimum 4' high with a 36" exterior gate to be provided with adult controlled securing device on the playground side to allow access for emergency and maintenance vehicles as well as egress from building to a safe, open area. Fence bolts to be cut off so that no more than two (2) threads are exposed and those threads shall be covered by plastic caps or silicone caulk. Bolts will be installed so that threaded ends face away from the play area • Hose bib is required and must be of the frost/freeze protective type with removable cut off handles with integral vacuum breakers. • Poisonous plants, plants with thorns, and fruit bearing plants are not permitted in the outdoor play areas.
Child Activity Room (Exterior Windows)	• Windows to open from top only. Individual windows shall be single hung with only the top portion operable. All operable portions of the windows to be screened. Windows to be low enough to enable children to look outside (18"-20" AFF). Window stools to be flush with the walls and/or radiused so there are no sharp edges.

Telecommunications	• Telecommunications infrastructure will meet the United States Army Information Systems Engineering Command (USAISEC) Technical Guide for Installation Information Infrastructure Architecture (I3A) and American National Standards Institute / Telecommunications Industry Association / Electronic Industries Alliance (ANSI/TIA/EIA) 568 and 569 requirements. • The facility must connect to the Installation telecommunications (voice and data) system through the outside plant (OSP) underground infrastructure per I3A guidance. Connections to OSP cabling system shall be from each facility main cross connect located in main telecommunications room or telecommunications equipment room to closest OSP access point. • Telecommunications outlets will be provided IAW the Technical Guide for Installation Information Infrastructure Architecture (I3A Guide). Telecommunications outlets will be provided per the I3A technical guide based on functional purpose of the various spaces with the facility as modified by user special operational requirements. • Telecommunication Room. A Telecommunications Room (TR) shall be provided for voice and data network. TR(s) shall be in accordance with the I3A Guide and ANSI/EIA/TIA-569-B.
Janitor Closet	Provide a minimum 20 NSF janitor closet with a built-in floor sink.
Storage	Small SFAC: Provide a minimum of one (1) 140 Net Square Feet (NSF) room Large SFAC: Provide a minimum of two (2) 140 Net Square Feet (NSF) rooms and one (1) 40 NSF room
Distribution Center	Small SFAC: Provide a minimum140 Net Square Feet (NSF) room Large SFAC: Provide a minimum 260 Net Square Feet (NSF) room
Open Office Area Workspace	Small SFAC: 0 Total Large SFAC: 8 Total • Provide a minimum of 64 NSF open office workspace for: Non-Commissioned Officer in Charge; CPAC; Admin; Legal; C&Y Serv.; Volunteer (2 offices); and one (1) Open Office
Administrative Offices	• A full height wall with a lockable door and a minimum 2' x 2' vision panel will separate the Administrative Offices from the Reception Area. • Each office shall be a minimum of 140 NSF • The Director's office to be adjacent to the reception counter/patron waiting area and accessible to parents and visitors. • Adequate electrical, data ports and phone lines to be provided. Small SFAC: 6 Total Director; DFAS / Trans Emp; Education; Mil Ben ID Proc; Chaplain, Volunteer; Social Services Assistant

Administrative Offices continued	Large SFAC: 13 Total Director; Outreach; Chaplain; Trans Emp; Education (2 offices); Financial Counselor; ACS I&R; Social Services Assistance;AW2, DFAS (2 offices); TSGLI, Veterans Affairs; Mil Ben ID Proc; Mil Ben

BACKGROUND

General Design Philosophy:

Consider layout and configuration for spatial relationships for wounded warriors and family assistance facility, Warrior Transition Unit Administrative Services, Dining and Warriors in Transition (WT) barracks to minimize Soldier and visitor travel distances. Where possible, the SFAC should be located adjacent to the installation's hospital/clinic and utilize the same parking lot. If an available site adjacent to the hospital/clinic is not possible, then all WT facilities should be sited with a "mini-campus" with hospital and medical facilities to Outpatient care. Ensure accessible routes to these facilities. Soldier and Family access and ability to get to all facilities must be considered to minimize inconvenience.

Consider mass transit opportunities and other issues to minimize inconveniences.

The complex site considers the overall site layout, existing facilities and proximity benefits. Ensure accessible routes to these facilities. Soldier and Family access and ability to get to all facilities must be considered to minimize inconvenience.

Consider mass transit opportunities and other issues to minimize inconveniences.

Facility Category Code: The Category Code does not automatically imply a specific GSF limit. The SFAC has only two sizes, small and large. The Category Code existed prior to the naming of the SFAC, so the description title varies from SFAC title given.

CATEGORY CODE	DESCRIPTION
74033	Army Community Services Center

Complex Composition: The complex is not limited to just the WTU Battalion or Company Headquarters. It consists of other facilities types which include: Company Headquarter (CO's) and Soldier Family Assistance Centers (SFAC) with supporting systems such as; vehicle parking and sidewalks.

GUIDANCE

Site Amenities: Includes site amenities such as vehicle service yards, access drives, and exterior utilities.

Playground / Outdoor Child Area: a small composite play structure is provided for climbing and a bench, preferably made of recycled material.

Kiosk: An Automated Teller Machine (ATM) kiosk is provided within the Reception Area.

Fireplace: Fireplace is double-sided, single flue. Tiled floor hearth is provided on the Reception Area side.

The Army Standard for Soldier Family Assistance Center (SFAC)

Specific MILCON Transformation Design Considerations:

- Maximize use of natural light so facilities remain usable during periods of lost utility support.
- Economy of construction is a design prerequisite.
- Facilities must be durable to withstand the rigors of multiple users.
- Pre-fabricated construction components and/or modular construction encouraged as long as facility durability standards are satisfied.

Sustainability: Facility is designed to meet current sustainable development and design policy requirements as established by the Department of the Army. The Army has transitioned to Leadership in Energy and Environmental Design for New Construction (LEED-NC) and the SILVER rating level is the designated new sustainable performance criteria for MILCON projects starting in FY08 and beyond. Sustainable design techniques should be considered as they relate to site design, site engineering, unit design, and unit engineering. Consider local building materials within the design to minimize life cycle maintenance costs.

- Exterior Construction: Use sustainable, low maintenance finish materials.
- Landscaping: Provide materials natural to the area to limit irrigation and maintenance.
- Utilities: Use underground utility distribution lines, where feasible.

Gross Area Calculation: Gross floor areas depicted in the "Mandatory Criteria" are calculated in accordance with the International Building Code (IBC). Gross floor areas depicted in the "Mandatory Criteria" reflect a change towards counting all space at the actual floor area despite previous guidance in TI 800-01 for considering some space at one-half the actual floor area. This change reflects the goal to go to Industry Standards which does not distinguish between half space and full space.

The Gross Area Calculation is not meant to change how the Army programs, tracks, or calculates gross area. Facility gross area conversions to account for half-space are available upon request.

Previous Gross Area Calculation Methodology (TI 800-01): Gross Floor Areas. Floor areas specified are gross floor areas measured from the exterior surface of the outside walls. These areas include the floor areas taken up by outside walls, interior partitions, stairs, toilets, halls and corridors, enclosed walks, mechanical, electrical and electronic equipment rooms (when incorporated within or attached to structures), and covered shipping and receiving platforms. Also included in the gross floor area, but computed at one-half the actual floor area, are all covered open porches, covered but not enclosed passageways and walks, and uncovered shipping and receiving platforms. (Half-space is calculated as full space in the Army Standard).

Telecommunications: Telecommunications infrastructure meets I3A and ANSI/TIA/EIA requirements. Outlet density is provided per the I3A technical guide based on functional purpose of the various spaces within the facility as modified by user special operational requirements.

Finishes: Injured service members with Traumatic Brain Injury (TBI) or behavioral health disorders such as Post Traumatic Stress Disorder (PTSD) may be adversely affected based on issues related to their environment. For example, excessive noise, fluorescent lighting, and harsh smells may exacerbate headaches and startle responses which are associated with these conditions. The use of therapeutic colors, flooring material and/or countertop texture may help to facilitate a calming effect in an individual who is agitated. It is recommended that the design try to supply consistent fluorescent lighting, with uplighting being a possible solution, maximize natural lighting when possible, and avoid complex and/or confusing colors or patterns.

Army Technology Standards: Approved Army Technology Standards are implemented in accordance with the applicability and implementation guidance of that standard.

Waivers: The Army Facilities Standardization Program Charter is subject to change. The approved charter at the time this standard was approved was dated 24 May 06. Waiver approval has changed since 24 May 06 charter, and will be corrected in next revision. Waiver approval will be changed from the Army Facilities Standardization Committee to state only the Assistant Chief of Staff for Installation Management has authority to approve waivers.

Compliance Threshold: The Army Standard may identify an Army regulation, technical guide or other written guidance as mandatory criteria. The Corps of Engineers Center of Standardization provides the first line technical compliance review. The Facilities Design Team in conjunction with the COS will resolve any issues where there may be conflicting, unclear or no compliance measurement threshold. Resolution may require senior leadership guidance or amendment of the Army Standard. The Army Standard is not intended to provide compliance criteria detailed in references, regulations, industry standards, or the standard design.

TOILET ACCESSORY SCHEDULE FOR CHILD ACTIVITY ROOM

FIXTURE TYPE	ACTIVITY ROOM CHILD TOILETS	ACTIVITY ROOM LAVATORIES (sinks)	DIAPERING STATIONS	FOOD PREPARATION
Mirror+		X		
Paper Towel Dispenser*		X	X	X
Trash Receptacle (user provided)		X	X	X
Soap Dispenser*		User provide store purchase pump soap	User provide store purchase pump soap	X
Coat Hook				
Toilet Tissue Dispenser*	X			
Handicap Grab Bars				

* Soap, toilet paper and paper towel dispensers – coordinate with the garrison/installation and provide in accordance with the service contract. Store-bought soap in pump bottles to be used in child activity rooms.
+ Mirrors above children's sinks must be unbreakable

SFAC ROOM FINISH SCHEDULE REQUIREMENTS

SPACE	FLOOR	WALL	BASE *	CEILING **
ADMINISTRATION				
VESTIBULE	VCT	EPGB		ACT, PDT
RECEPTION AREA/RECEPTION DESK	VCT	EPGB		ACT, PDT
PRIVATE OFFICES	VCT	PTD		ACT
OPEN OFFICES	VCT	PTD		ACT

STAFF SUPPORT				
MULTI-USE / CONFERENCE ROOM	VCT	PTD		ACT
PUBLIC TOILETS	CT	CT		ACT
SUPPORT AREAS				
JANITOR CLOSET	QT	CT		VACT
MECHANICAL	SC	PTD		PTD
COMMUNICATIONS	SC	PTD		PTD
ELECTRICAL	SC	PTD		PTD
NURISHMENT CENTER	QT	CT to 48" AFF		VACT
		EPGB above 48"		
CHILD ACTIVITY ROOM				
CHILD ACTIVITY ROOM	SV	EPGB		ACT
CHILD TOILET AREAS	CT	CT to 48" AFF		ACT
		EPGB above 48"		

LEGEND:
SV – SEAMLESS VINYL FLOORING
CT – CERAMIC TILE
QT – QUARRY TILE
VCT – VINYL COMPOSITION TILE
SC – SEALED CONCRETE
PTD – PAINTED GYPSUM WALLBOARD
EPGB – EPOXY PAINTED GYPBOARD
VACT – VINYL FACED ACOUSTICAL CEILING TILE
(MOISTURE RESISTANT)
ACT – ACOUSTICAL CEILING TILE

* **Base**: Will be appropriate to the flooring. Base to be sealed with USDA approved caulk (Edible)
** **Ceiling**: 2 ft X 2 ft size with concealed tile joints

Reference Criteria: The designs use latest editions of the following design criteria:

- Americans with Disabilities Act and Architectural Barriers Act Accessibility Guidelines
- American with Disabilities Act Accessibility Guidelines (ADAAG)
- Uniform Federal Accessibility Standards (UFAS) Federal Standard 795
- Energy Policy Act 2005 (EPACT05)
- IBC – International Building Code
- AR 405-70, Utilization of Real Property
- AR 420-01, Army Military Construction Program Development and Execution
- DA PAM 415-28, Facility Guide To Army Real Property Category Codes
- ETL 1110-3-491, Sustainable Design for Military Facilities
- IBC – International Building Code
- UFC 3-120-10, Interior Design
- UFC 3-600-01, Design: Fire Protection Engineering for Facilities
- UFC 4-010-01, DoD Minimum Antiterrorism Standards for Buildings
- UFC 4-023-03, Security Engineering: Design to Resist Progressive Collapse
- American with Disabilities Act Accessibility Guidelines (ADAAG)
- Uniform Federal Accessibility Standards (UFAS) Federal Standard 795
- Executive Order 13423 (E.O. 13423), "Strengthening Federal Environmental, Energy and Transportation Management".

The Army Standard for Soldier Family Assistance Center (SFAC)

- A Field Guide to Venomous Animals and Poisonous Plants by Steven Foster and Roger Caras.
- U.S. Army Information Systems Engineering Command (USAISEC) Technical Guide (TG) for Installation Information Infrastructure Architecture (I3A)
- UFC 3-580-01 Telecommunications Bldg Cabling Systems Planning/Design
- ANSI/TIA/EIA-568-B Commercial Building Telecommunications Cabling Standard
- ANSI/TIA/EIA-569-B Commercial Building Standard for Telecommunications Pathways and Spaces