



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

DAIM-ZA

MAR 12 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 Child Development Centers

1. The enclosed Army Standard for design and construction of Child Development Centers are hereby approved for implementation. The standard applies to all Army Child Development Centers for children ages 6 weeks to 5 years of age. Child Development Centers for children ages 6-10 are addressed by a separate standard approved by the Army Facilities Standardization Committee, 19 October 2004. 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 the AR 420-1.
2. The standard is mandatory for all Child Development Center Military Construction, Army (MCA) projects FY 08 and beyond.
3. The co-chairs for the Facilities Design Team (FDT) for Child and Youth Services are Ms. Linda Harwanko, IMWR-CY, Linda.Harwanko@fmwrc.army.mil, 702-681-5384, Ms. Margaret (Peggy) Hinson, IMWR-CY, Margaret.Hinson@fmwrc.army.mil, 703-681-5399; and Mr. James T. Clark, CEHNC-ED-CS-A, James.T.Clark@hnd01.usace.army.mil, 256-895-1673.
4. The USACE Center of Standardization for Child and Youth Services is Mr. Richard Grulich, CEHNC-ED-CS-A, Richard.D.Grulich@hnd01.usace.army.mil, 256-895-1670.

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

Enclosure
as

**THE ARMY STANDARD FOR CHILD DEVELOPMENT CENTERS
(FOR CHILDREN 6 WEEKS – 5 YEARS)**

Description:

Child Development Centers are required by the Army to support readiness of families by reducing the conflict between military mission workforce requirements and parental responsibilities. There are several Military unique factors which impact on the need for child development centers to include: younger families with children away from extended families; large infant and toddler populations; variety of short and long program options needed; services required 10-12 hours a day and evenings and weekends as needed. Availability of facilities, predictability of facility layout and design, and the consistency of facility standards across the Army and the Department of Defense have contributed to the Military child development programs being the model for the nation. The Army Standards define the mandatory components, functional capabilities and relationships, and features and characteristics of the facility. The Army Standards for Child Development Centers for children 6 weeks – 5 years of age are based on Army Baseline Standards, DoD requirements for certification and the National Association for the Education of Young Children requirements for accreditation.

CATEGORY CODE	DESCRIPTION
74017	Child Development Center – Under 6 Years of Age

Facilities covered in this standard are for the child development centers for children 6 weeks – 5 years of age with the following child capabilities:

- Small 126 child capacity
- Medium 232 child capacity
- Large 338 child capacity

Applicability

- The Army Standard applies to Army facilities worldwide.
- The Army Standard is mandatory for all construction projects effective in FY08 and beyond.
- All geographic districts shall incorporate the mandatory design criteria described herein in close coordination with the USACE designated Center of Standardization (COS) for Child and Youth Services.
- All Child Development Center projects must be reviewed by the COS and IMCOM Center of Expertise to ensure conformance with the Army Standard.

Waivers:

- Only the Assistant Chief of Staff for Installation Management has authority to approve exceptions to the Army Standards.
- Waivers from the Army Standard must be requested in accordance with AR 420-1 and the Army Facilities Standardization Program Charter, latest edition.
- All waiver requests to the Army Standards require COS conflict resolution prior to submission by the Garrison Commander.
- Garrison Army Standard waiver request submissions must be received in sufficient time to allow complete review by the Facility Design Team and development of recommendations or course of action for the AFSC to consider prior to implementation into project design.
- Late submissions and/or project delays are NOT sufficient stand-alone justification for accelerated review or other dispensation for not meeting the Army Standard contained herein.

**THE ARMY STANDARD FOR CHILD DEVELOPMENT CENTERS
(FOR CHILDREN 6 WEEKS – 5 YEARS OF AGE)**

Item	Mandatory Criteria
Central Counter/Reception Desk	Must have central counter for clerk to view/observe the flow of children, parents and visitors. Reception counter to be two tiered with no sharp edges. The lower level to be 30" above the finished floor (AFF) and the upper level at 42" AFF. Provide communication and data connectivity to include access control and central intercom system. The configuration and functional relationship between the main entry and the reception counter/desk must be maintained for access control.
Isolation Area	Must have a small space designated behind the reception desk to serve as a rest area for sick children. Area to be sized to accommodate a cot or crib and lockable area for storage of first aid supplies. Space is immediately adjacent to the reception area. Receptionist must be in the direct line of site of this area. Immediate access to bathroom facility must be provided for ill child. Locate a single occupant child height ADA compliant toilet (15" to the toilet rim) and sink (20" AFF) immediately adjacent to the isolation area. Self priming floor drain required to prevent sewer gases from occupying space.
Patron/Visitor Waiting Area (Lobby)	Must have a waiting area for parents and visitors adjacent to the central counter/reception desk. The configuration and functional relationships between the main entry, reception counter and public toilet shall be maintained since visual control of these areas is required.
Car Seat/Stroller Storage Area	Must provide an area for patrons to leave car seats and strollers in an area directly accessible from the corridor and waiting area. Space to include shelving for car seats and open space to park strollers.
Public Toilets	Handicapped accessible public toilet(s) for parents and visitors shall be located within view of the reception area. For medium and large facilities, a minimum of two (2) separate public toilets are required. For small facilities, one (1) unisex toilet is required.
Administrative Offices/Workstations	At a minimum, must provide a private office for the Director and Assistant Director(s). All other administrative staff to be provided with workstations. The Director's office to be adjacent to the reception counter/patron waiting area and accessible to parents and visitors. Provide communication and data connectivity.

Item	Mandatory Criteria
Staff Lounge	Must be provided in all child development centers. Allow adequate space for comfortable seating along with table/chairs for 25% of the staff. Provide a solid surface counter top with integral backsplash and single compartment sink/faucet. Provide GFCI electrical outlets above the counter for microwave and other appliances. Provide space for refrigerator and vending machine along with electrical outlets and water line to support ice making capability in freezer. Full height lockers for administrative and kitchen staff secured to the wall are to be provided. Provide communication and data connectivity.
Training Room	Must provide a training room to include a minimum of two workstation(s) for the Training and Curriculum Specialist (TACS). Provide electrical outlets, data ports and phone lines for these workstations. Include a work counter/surface to accommodate up to three (3) computers to facilitate training/distance learning by direct care staff. Provide communication and data connectivity.
Staff Toilets	Must provide staff toilets separate from the public toilets. One water closet for every 15 employees scheduled to be in the facility at any one time. Locate staff toilets near the children's activity rooms.
Central Storage and Interior Storage Closets	Must provide a central storage room near the administrative office and interior storage closets for storage of program materials.
Infant/Pre-Toddler/Toddler Activity Room	<p>Must provide infant/pre-toddler/toddler activity rooms to accommodate up to 14 children at 35 sq ft of useable space per child. Space dual functions for eating and sleeping.</p> <p>A sign-in desk to be located immediately inside the entrance to the room. Provide communication and data connectivity and intercom phone connection. Storage for direct care staff's coats and lockable storage for personal items (e.g. handbags) above the sign-in desk is required.</p> <p>Built in diaper changing station with sink and a 6" lip to prevent infant from rolling off the table along with an unbreakable mirror installed along the back wall is required. Goose neck faucet and wrist blade handles required at sink. Provide an exhaust fan at each diaper changing station.</p> <p>Must provide a solid surface food preparation/art counter with upper and lower cabinets with 2 separate sinks. Provide space and electrical outlet for under-the-counter refrigerator.</p> <p>Room must have an exterior door to accommodate the evacuation of cribs. Door to open at least 110 degrees in the direction of exit travel to ease evacuation.</p> <p>Two (2) pediatric toilets (10" to the rim) with floor drain. Toilets are to be separated with a toilet partition. Toilets shall not be provided with automatic flush valve. Provide an exhaust vent located within the wall directly behind the toilet area</p> <p>Two (2) wall hung child size sinks (1'5" AFF) for hand washing must be provided. Wall hung unbreakable safety mirror to be placed</p>

Item	Mandatory Criteria
	<p>above each sink. Sinks to be opposite toilets.</p> <p>One (1) separate drinking fountain with guarded stream drinking head to be provided in each activity room – 1'5" AFF.</p> <p>Fourteen (14) cubbies to be provided for storage of children's belongings.</p>
Infant Buggy Storage Area(s)	<p>Must provide open area(s) designed for a place to store the "bye-bye" buggies for infants. Buggies are approximately 76" X 26". Storage area(s) to be in close proximity of the infant room(s). One (1) buggy for every 2 infant/pre-toddler/toddler classrooms to be provided. Each buggy storage to accommodate 2 buggies</p>
Preschool/Pre-kindergarten/Kindergarten Activity Rooms	<p>The preschool/pre-kindergarten/kindergarten room has space provided to accommodate up to 24 children. This activity room provides 35 square feet of useable program space per child. Activity space dual functions for eating and sleeping.</p> <p>A sign-in desk to be located immediately inside the entrance to the room. Provide communication and data connectivity and intercom phone connection. Storage for direct care staff's coats and lockable storage for personal items (e.g. handbags) above the sign-in desk is required.</p> <p>Must provide a solid surface food preparation/art counter with upper and lower cabinets with 2 separate sinks. Provide space and electrical outlet for under-the-counter refrigerator.</p> <p>Two (2) pediatric toilets (13" to the rim) with floor drain to be provided. Toilets shall not be provided with automatic flush valve. Child toilet area for this age group must meet ADA requirement. Provide an exhaust vent located within the wall directly behind the toilet area.</p> <p>Two (2) wall hung child size sinks (1'8" AFF) for hand washing must be provided opposite the toilet stalls. Wall hung unbreakable safety mirror to be placed above each sink. Access area to be plumbed in for hot/cold water in half wall opposite children's sinks for potential future need of diaper changing table (e.g. special needs children). Cover with access panel.</p> <p>One (1) separate drinking fountain with guarded stream drinking head to be provided in each activity room – 1'8" AFF.</p> <p>Twenty four (24) cubbies to be provided for the Preschool/Pre-Kindergarten/Kindergarten Room.</p> <p>Provide for two (2) additional electrical outlets to accommodate children's computer workstations in each activity room.</p> <p>Each activity room will have a direct exit to the outdoors for play and emergency exit. Doors will swing in the direction of exit travel.</p>

Item	Mandatory Criteria
Active Play Room	An indoor play area for children to utilize during inclement weather/temperature extremes. Space is sized for up to 24 children at a minimum of 45 sq. ft. per child. Provide for a seamless, flexible, shock absorbing flooring that can withstand trikes, skates, ball play, etc. Cased opening with area for pediatric toilet (13" to the rim) with toilet partition and sink (1'8" AFF) off the active play room. Direct access to storage for supplies and equipment needed in this space. Exit door to swing in the direction of exit travel.
Outreach/Transition Care Room	Accommodates children on a short term occasional basis such as for Family Readiness Groups (FRG), Deployment Support, Reunion Care, Respite Care, in-processing of soldiers, etc. Room size/mandatory features are the same as the Preschool/Pre-Kindergarten/ Kindergarten activity room. Diaper changing station to be installed in this room. Toilets are sized 10" and 13" to the rim; sinks are sized 1'5" and 1'8" AFF to accommodate the varying ages of children Infants-Kindergarten.
Commercial Grade Kitchen	<p>Must provide a commercial grade kitchen. Locate the kitchen on an exterior wall adjacent to the service area with a direct service entrance. Kitchen door to swing out into the corridor for easy exit with food. Door to be provided with locking mechanism. Exterior door from the kitchen leading to the service entrance shall be equipped with an air curtain.</p> <p>Kitchen must include a dry storage area with shelving.</p> <p>Provide communication and data connectivity and intercom phone connection to support communication with the front desk and placing food orders on-line.</p>
Janitorial Closet	A janitorial closet is required and equipped with a low mop sink, a place to store janitor's equipment and cleaning supplies, and a rack to promote hanging/air drying of mops. Door must have a locking mechanism and be designed to swing out into the corridor 180 degrees to prevent impeding on emergency egress.
Laundry Room	<p>Must provide separate space for heavy duty commercial laundry equipment - washer(s) and dryer(s). Allocation is as follows:</p> <ul style="list-style-type: none"> * Small CDC – 2 washers and 2 dryers * Medium and Large CDC – 3 washers and 3 dryers <p>Dryer vent shall be individually and directly vented directly to the outside. Laundry room to be secured with locking mechanism. Locate laundry room on an exterior wall to allow for horizontal venting of the dryers. Provide for a laundry tub and self priming floor drain to prevent sewer gases from filtering into the facility. Provide counter for folding clothes with upper and lower cabinets for storage of laundry materials.</p>
Vision Panels	All doors, except adult toilets, must have a vision panel. Vision panels in doors to be a minimum of half-height glass and shall be provided with a 12" wide side-lite. Vision panels must also be provided in corridor walls and shall extend from normal 6'8" – 7'-0" height to 54 "above the finished floor. Vision panels are integral to

Item	Mandatory Criteria
	visual monitoring and provide an additional risk prevention measure. Tempered glass shall be utilized.
View Windows	View windows are required to provide children the opportunity to look out of or into the activity room. View window shall extend from normal 6'8" -7'0" height to within 18" or 24" above the finished floor. Safety glass shall be provided as required. All doors into activity room shall be provided with a 12" wide side lite (safety glass). Side lites shall extend the height of the door.
Exterior Windows	Exterior windows shall meet the UFC 4-010-01 requirements for ATFP. Windows to open from top only. Individual windows shall be single hung with only the top portion operable. All 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.
Intercom System	Must have a two-way intercom system capable of allowing program staff to communicate with the main reception desk and other areas of the building. Main reception desk to have capability to contact any and all rooms with the exception of the mechanical, communication, electrical, storage, and camera equipment room. System to enable front desk staff to contact rooms individually or all rooms simultaneously via hand held handset.
Intrusion Alarm	An audible warning device shall be provided at each exterior corridor door leading to an unfenced area with the exception of the main entry and kitchen. The audible device shall have a different sound from the fire alarm system. Alarm must be capable of being heard at the reception desk.
Video Monitoring Security System/Closed Circuit Television (CCTV)	Must have video monitoring system to deter and reduce the risk of child abuse and protect staff from unwarranted allegations of abuse. Conduits, power, and cabling are to be installed as indicated on the standard design.
Camera Equipment Room	Separate room or area will be provided 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. Targeted temperature is 70 degrees F. Maximum temperature is 85 degrees F.
Playground / Outdoor Play Areas	<p>Outdoor play areas (playgrounds) serve as extensions of classroom spaces and must be provided to support programming. Playground is divided into individual areas to accommodate the different age groups occupying the facility. Separate play areas are required for each age group of children: infant/pre-toddler; toddler; and preschool/pre-kindergarten/kindergarten.</p> <p>Area is capable of supporting 50% of the children at any given period of time at a minimum of 100 sq. ft. per child using the outdoor play space.</p> <p>Playgrounds must meet guidelines contained in the Consumer</p>

Item	Mandatory Criteria
	<p>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). Specific play areas shall be defined by several elements. Elements include circulation paths, open play areas/natural turf, age appropriate equipment, play structures, attenuation material for use zones, and fencing. Shade in the outdoor play areas is a requirement for certification.</p> <p>A playground safety surface shall be provided throughout all use zones and under all play equipment.</p> <p>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.</p> <p>Outdoor Play Area must be fenced. Fencing will have gates between the play areas. Exit gate to be provided with adult controlled securing device to allow access for emergency and maintenance vehicles as well as egress from building to a safe, open area.</p> <p>Hose bibs, 18" above finished grade, are required in each age group play space and must be of the frost/freeze protective type with removable cut off handles with integral vacuum breakers.</p> <p>Poisonous plants, plants with thorns, and fruit bearing plants are not permitted in the outdoor play areas. Reference: A Field Guide to Venomous Animals and Poisonous Plants (1994) by Steven Foster and Roger Caras.</p>
Exterior Storage Rooms	Must provide secured storage rooms to support the outdoor activity areas. Exterior storage rooms must be an integral part of the facility vs. non permanent structures around the playground.
Parking	Parking for patrons and staff is required. Parking Allocation: 1 parking space per each full time staff; 1 per every 4 patrons. Must provide a sidewalk that leads from the car directly to the front entry without crossing traffic lanes. Crosswalks are allowed but must be limited in their use. School buses to deliver and pick up children curbside on sidewalk that leads directly into the facility.
Exterior Lighting	Exterior lighting systems provided for parking areas, sidewalks, service yards, service drives, building entrances and perimeter.
Vehicular Circulation/Service Road/Drives	Must 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, providing vehicular access to the kitchen service entry, mechanical yard, electrical room and storage room. All vehicular pathways must be kept away from children and pedestrian pathways and outdoor play areas.

Item	Mandatory Criteria
Controlled Entry Access	A buzzer security system, with manual override, must be installed to facilitate entry into the facility.
Communication Room	Provide separate room for communication sized to meet the minimum DOIM requirement for electrical boxes and connections.
CATV (Cable Television)	Provide empty boxes and conduits for 1 CATV in the staff lounge.
HVAC	HVAC units will provide heating and air conditioning for the entire facility excluding the Mechanical and Electrical Rooms which require only heating. Each child activity room will have a separate HVAC zone with a wall mounted tamperproof space thermostat with night and weekend set-back to accommodate variations in temperatures.
Mechanical /Electrical Room	Mechanical room to open directly to the exterior of the building with no access to the interior space or direct access to the playground. Mechanical yard must be located away from the playground area for safety, noise, and environmental considerations.
Energy Policy Act 2005 (EPACT 05) and Executive Order 13423 (E.O. 13423)	Child Development Centers shall be designed in compliance with statutory requirements for federal facilities IAW EPACT 05 and E.O. 13423.
Sustainability	Child Development Centers shall be designed to meet current sustainable development and design policy requirements as established by the Department of the Army.

GUIDANCE

Facility Capacity - Capacity could vary depending on installation requirements. Activity rooms allow for flexibility in programming and use.

Facility Site – The Child Development Center (CDC) will be evaluated for security requirements in accordance with UFC 4-010-01, DoD Minimum Antiterrorism Standards for Buildings, latest edition.

Grading – The site will be graded to drain away from the new structure to existing drainage ditches or storm drain systems.

Utilities – All utilities, except storm water, will be routed from the new structure underground to the existing source.

Landscaping – Irrigation of turf and significant landscaping may be required in geographical areas which are arid. Landscaping is an important tool in the implementation of Force Protection measures. Landscaped earth berms shall be used to provide an attractive natural barrier. Shrubs, bushes, trees, flowers, etc. used around the CDC and outdoor activity area shall be evaluated for potential hazard or toxicity. No toxic chemicals or herbicides shall be used to clear the site of unwanted irrigation.

Interior Color Scheme – Standardized interior color schemes have been developed for the Garrison to select from.

Casework – Provide for solid surfacing counter tops and high quality cabinets. Millwork is required as shown in the Standard Design. The construction of the millwork is up to the contractor, with the exception that a solid surface countertop (or better) must be provided. Materials other than solid surfacing would need IMCOM Center of Expertise approval.

Safety Features – All corners on millwork, cabinets, etc. below 48" need to be radiused so as to prevent injury to young children. Wall corners need either to be radiused or provided with cover guards to create the same safety feature. All doors accessible to children, (e.g. activity rooms, storage closets, storage rooms, outdoor storage areas) must have finger guards to prevent injury.

Interior Windows - All interior windows in the children's activity rooms shall be tempered safety glass.

Central and Interior Storage Closets - Shelving to be finished with an appropriate durable finish that renders them smooth and easily cleanable. Storage room will be provided with a ceiling mounted automatic motion light switch and globe light. The interior of the closet to be marked with a red line 1" in width located 18" below the lowest point of the sprinkler head to prevent staff from stacking materials and supplies too close to the sprinkler heads. Door shall be fitted with a locking mechanism and lever type handle that allows the door to be opened from the inside while locked.

Children's Activity Rooms –

- Diaper Changing Station - diaper changing station to be 35 ¾" H X 60 1/2" W X 24" D, with storage for 14 underneath storage trays to be integral to the diaper changing table. Retractable stairs that lock into place required. An exhaust fan at each diaper changing station to be provided exhausting 100-150 feet per minute (fpm).
- Toilet Partitions – toilet partitions to be no higher than 42" tall with a 12" clear opening at the bottom.
- Food preparation/art counter - The 8' counter to have an integral backsplash with 2 separate stainless steel sinks and GFCI electrical outlets above backsplash.
- Exterior Doors – to have a 34" clear minimum width opening to allow for emergency crib evacuation with low threshold.
- All counter tops will have rounded/radius corners and edges.

- Pediatric toilets – Vent to exhaust 100-150 feet per minute (fpm).
- 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.

Kitchen - The all stainless steel kitchen equipment must meet the National Sanitation Foundation standards of practice. All equipment must be designed and installed IAW TB Med 530, Food Service Sanitation. Equipment that is hard wired or connected to a utility is MCA funded.

Floor Drains – All toilet and wet areas to include janitor and laundry rooms and multiple locations in the kitchen must have floor drains.

Playgrounds:

- 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.
- All fencing must be vinyl coated chain-link security type minimum 4' high at the perimeter and 4' high to sub-divide play areas by age group.

Exterior Storage Room - Provide a pair of 3 ft x 7 ft doors, with each leaf provided with a minimum of half-height glass panels. No astragals shall be provided. Instead, top and bottom flush bolts are to be provided. Adequate weather stripping shall be provided to prevent access by vermin.

Life Safety - The building fire protection systems, shall be designed in accordance with the applicable standards contained in the Unified Facilities Criteria (UFC) 3-600-01, Fire Protection Engineering for Facilities, TI 800-01, and National Fire Protection Association (NFPA) 101, Life Safety Code. A complete automatic sprinkler system shall be provided in accordance with UFC 3-600-01 and NFPA 13. The fire alarm system shall be designed in accordance with NFPA 72, which will provide pull stations at each exterior exit door, textual (voice) audible and visual (strobes) notification devices and smoke detectors throughout the child development center. Placement of the enunciator panel is a local fire department call. If there is no preferred location, then the panel shall be placed in the entrance of the facility. Where possible the Mass Notification System (UFC 4-021-01) shall be integrated with the fire alarm system.

Electrical Outlets – In all child activity rooms/child accessible areas and the waiting area, all electrical outlets shall be mounted 54 inches above the finished floor, and must be Hospital grade, tamper resistant safety type.

Video Monitoring Security System/Closed Circuit Television (CCTV) - AR 415-15 - Appendix L, Information Systems Support is the source of Army policy for funding of video monitoring equipment. MILCON/MCA dollars are to be used for cabling and fittings, connectors, terminal strips, and similar devices needed to install the cable up to the outlet device plate. Operating Maintenance Army (OMA) dollars are used to purchase and install monitors, cameras, parent viewing monitors, operating consoles, etc. for the video surveillance system. The equipment, external to the outlets, is considered personal property.

Accessibility – The CDC shall be designed in compliance with the Americans with Disabilities Act (ADA) Accessibility Guidelines for Buildings and Facilities and meet both adult and child requirements.

Signage – The facility shall be identified as a “Child Development Center”. The installation/garrison or community name or geographic location of the facility may be used for public identification purposes. The facility signage is to be in accordance with AR 608-10 and the Installation Design Guide.

Antiterrorism/Force Protection – The most current guidance (UFC 4-010-01, Force Protection) must be incorporated into the site layout and standard design using. A Mass Notification System shall also be provided using UFC 4-021-01, Design, and Operation & Maintenance for Mass Notification Systems. To

protect the facility and its occupants, consider a natural approach without degrading the visual surroundings as a method of protection.

UFC 4-740-14, Design: Child Development Center – The Unified Facilities Criteria for Child Development Centers was based on the Army's Standards and the Army Standard Designs and adapted by the other Services. The Army contributed program, design, and construction experience to define the criteria in this document. The Army will use the Department of the Army Standard Design and Army-approved standards for all CDC construction program for children 6 weeks – 5 years of age.

**MINIMUM ROOM FINISH SCHEDULE REQUIREMENTS
(FOR CHILDREN 6 WEEKS – 5 YEARS OF AGE)**

SPACE	<u>FLOOR</u>	<u>WALL</u>	<u>BASE (*)</u>	<u>CEILING (**)</u>
ADMINISTRATION				
ENTRY	VCT	EPGB		ACT, PDT
WAITING AREA	VCT	EPGB		ACT
RECEPTION/CENTRAL COUNTER	VCT	EPGB		ACT, PDT
PRIVATE OFFICES	VCT	PTD		ACT
OPEN OFFICE	VCT	PTD		ACT
ISOLATION ROOM	SV	EPGB		ACT
ISOLATION TOILET	CT	CT		ACT
STAFF SUPPORT				
STAFF LOUNGE	VCT	EPGB		ACT
TRAINING ROOM	VCT	EPGB		ACT
PUBLIC TOILETS	CT	CT		ACT
ADULT TOILETS	CT	CT to 48" AFF/ EPGB above 48"		ACT
SUPPORT AREAS				
LAUNDRY	VCT	CT		VACT
JANITOR	QT	CT		VACT
CORRIDORS	VCT	EPGB		ACT
MECHANICAL	SC	PTD		PTD
COMMUNICATIONS	SC	PTD		PTD
ELECTRICAL	SC	PTD		PTD
KITCHEN	QT	CT to 48" AFF/ EPGB above 48"		VACT
CHILD ACTIVITY ROOM				
CHILD ACTIVITY ROOMS	SV	EPGB		ACT
CHILD TOILET AREAS	CT	CT/EPGB		ACT

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 ACT, VACT

**TOILET ACCESSORY SCHEDULE
FOR
CHILD DEVELOPMENT CENTER**

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

*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