

DA Standard Design Package
Child Development Center
For Children 6-10 Years of Age



US Army Corps of Engineers

HUNSTVILLE CENTER

DA STANDARD DESIGN PACKAGE

**CHILD DEVELOPMENT CENTER
FOR CHILDREN 6-10 YEARS OF AGE**

INTERIOR FINISH SCHEDULE AND ROOM DESCRIPTIONS

<u>LARGE</u>	<u>-195-225 CAPACITY</u>
<u>MEDIUM</u>	<u>-150-180 CAPACITY</u>
<u>SMALL</u>	<u>-105-135 CAPACITY</u>
<u>WING ADDITION</u>	<u>- 60-75 CAPACITY</u>

October, 2010

LARGE 195-225 CAPACITY

INTERIOR FINISH SCHEDULE

ROOM NAME	ROOM AREA SF	FLOOR MATERIAL	BASE MATERIAL	WALLS MATERIAL	CEILING MATERIAL	CEILING HEIGHT FT
1. VESTIBULE #1	57*	QT	QT	EPGB	ACT	8
1a. VESTIBULE #2	57*	QT	QT	EPGB	ACT	8
1b. WAITING AREA (Not Included)	-	-	-	-	-	-
2. CORRIDORS 1 & 2	515*	VCT	RB	EPGB	ACT	8
3. GATHERING AREA	221	CPT	RB	EPGB	ACT	16
4. MAIN ATRIUM	2,292*	VCT	RB	EPGB	ACT	16
5. SECONDARY ATRIUM 1	1,376*	VCT	RB	EPGB	ACT	12/8
6. SECONDARY ATRIUM 2	1,913*	VCT	RB	EPGB	ACT	12/8
7. TEACHING/ DEMO KITCHEN	53*	VCT	RB	EPGB	ACT	8
8. CENTRAL COUNTER RECEPTION	140	CPT	RB	PGB	ACT	8
9. STAFF TOILET/ FIRST AID	60*	SV	RB	EPGB	ACT	8
10. DIRECTOR OFFICE	197	CPT	RB	PGB	ACT	8
11. TRAINING ROOM	242	VCT	RB	EPGB	ACT	8
12. STAFF LOUNGE	346	VCT	RB	EPGB	ACT	8
13. VIDEO MONITOR RM.	123	VCT	RB	EPGB	ACT	8
14. STAFF & PUBLIC TOILET	60*	CT	CT	CT/EPGB	ACT	8
15. KITCHEN	633	QT	QT	CT	V ACT	8
16. DRY FOOD STORAGE	80	SV	RB	EPGB	V ACT	8
17. WALK IN COOLER	69	CONC	PRE-FAB	PRE-FAB	PRE-FAB	8
18. MALE TOILET 1	283*	CT	CT	CT/EPGB	ACT	8
19. MALE TOILET 2	182*	CT	CT	CT/EPGB	ACT	8
20. FEMALE TOILET 1	283*	CT	CT	CT/EPGB	ACT	8
21. FEMALE TOILET 2	182*	CT	CT	CT/EPGB	ACT	8
22. JANITOR	60	QT	QT	EPGB	EPGB	8
23. SUPPLY STORAGE	227	VCT	RB	EPGB	V ACT	8
24. LAUNDRY	116	QT	QT	EPGB	EPGB	8
25. MULTI- PURPOSE RM.	3,452*	ATHL	RB	PCMU	E STRU	VARIES
26. MULTI- PURPOSE RM. TOILETS (2 total)	136* (total)	CT	CT	CT/EPGB	ACT	8
27. MULTI-PURPOSE STOR.	242	VCT	RB	EPGB	ACT	8
28. STORAGE & ISSUE	723	CONC	RB	PGB	E STRU	VARIES

29. ART & SCIENCE ACTIVITY ROOM	719*	VCT	RB	EPGB	ACT	8
30. PERFORMING ARTS ACTIVITY ROOM	760*	WD	WD	EPGB	ACT	8
31. ACTIVITY ROOM #1	692*	VCT	RB	EPGB	ACT	8
32. HOMEWORK CENTER	534*	VCT	RB	EPGB	ACT	8
33. SECURE STORAGE RM.	60	CPT	RB	EPGB	ACT	8
34. COMPUTER LAB	532*	CPT	RB	EPGB	ACT	8
35. COMPUTER HOMEWORK LAB (Not Included)	-	-	-	-	-	-
36. COMMUNICATION ROOM	142	VCT	RB	PGB	PGB	9
37. ELECTRICAL ROOM	119	VCT	RB	PGB	PGB	9
38. MECHANICAL ROOM	1,123	CONC	RB		E STRU	-
39. COVERED ENTRY	7	CONC	-	-	-	-
40. ELECTRICAL ROOM #2	61	VCT	RB	PGB	PGB	9
41. ACTIVITY ROOM #2	734*	VCT	RB	EPGB	ACT	8
42. ACTIVITY ROOM #3	675*	VCT	RB	EPGB	ACT	8
43. ACTIVITY ROOM #4	675*	VCT	RB	EPGB	ACT	8
44. STORAGE CANOPY	47	CONC	-	-	-	-
TOTAL PROGRAMED SPACES	21,280					
TOTAL GROSS FACTOR (Includes interior and exterior wall thicknesses)	1,647					
TOTAL BUILDING GROSS	22,927					

- **NOTE:** Program Space that have a mandatory minimum size are identified by an astride.

1. COMPUTER LABS: (space 34)

Minimum of 525 square foot area for 15 children (35 sq ft per child). This space must accommodate 15 computer workstations. In the 75 capacity wing and the 135 capacity facility this area dual functions as a Computer Lab and Homework Center with 7 computer workstations.

2.HOMEWORK CENTER: (spaces 32)

Provide for a minimum of 525 square foot area for 15 children (35 sq. ft. per child)

3.ACTIVITY ROOMS: (spaces 29, 30, 31, 42, 43, 44)

Activity rooms to have a minimum of 675 square feet for 15 children each (45 sq. ft. per child)

4. OPEN ACTIVITY AREAS:(spaces 4, 5, 6, 7)

Must have an open activity area adjacent to the Teaching Kitchen in the 135, 180 and 225 child capacity facilities. Each open area provides a 40 foot X 16 foot area or 45 square feet of space for 15 children. Circulation space: 8 feet to provide a minimum of 6 feet clear for circulation around activity areas to meet egress requirements. Clerestory windows provide natural lighting into the area. Skylights are not an acceptable means of meeting the natural lighting requirements.

5. MULTI-PURPOSE ROOM:(space 25)

Must include a multi-purpose room (3439 sq. ft)

6. TOILET SPACE:(spaces 9,14,18,19,20,21,26)

Separate male and female toilet areas for children in the program are required. One toilet and one sink per 18 school-age children is required.

All other spaces may be adjusted but the overall building gross square footage, including exterior canopies, cannot exceed the 22,927 square footage. In calculating your gross square footage, exterior canopy or cover shall be divided by 2.

FINISH SCHEDULE LEGEND:

ACT	Acoustical Ceiling Tile
ATHL FL	Athletic Floor - Connor's 4 + 4 Elastic-plus flooring system or approved equal.
CONC	Concrete Floor
CT	Ceramic Tile
CPT	Carpet
EPGB	Epoxy Painted Gypsum Board
E STRU	Exposed Structure
PCMU	Painted Concrete Masonry Units
PGB	Painted Gypsum Board
QT	Quarry Tile
RB	Rubber Base
SV	Sheet Vinyl
VACT	Vinyl Faced drywall Panels on a Suspension System
VCT	Vinyl Composition Tile
WD	Wood flooring system appropriate for dance
EXTGB	Exterior Gyp Board

MEDIUM 150-180 CAPACITY

INTERIOR FINISH SCHEDULE

ROOM NAME	ROOM AREA SF	FLOOR MATERIAL	BASE MATERIAL	WALLS MATERIAL	CEILING MATERIAL	CEILING HEIGHT FT
1. VESTIBULE #1	57 *	QT	QT	EPGB	ACT	8
1a. VESTIBULE #2	57 *	QT	QT	EPGB	ACT	8
1b. WAITING AREA (Not Included)	-	-	-	-	-	-
2. CORRIDORS 1 & 2	515*	VCT	RB	EPGB	ACT	8
3. GATHERING AREA	221	CPT	RB	EPGB	ACT	16
4. MAIN ATRIUM	2,292*	VCT	RB	EPGB	ACT	16
5. SECONDARY ATRIUM 1	1,376*	VCT	RB	EPGB	ACT	12/8
6. SECONDARY ATRIUM 2	1,726*	VCT	RB	EPGB	ACT	12/8
7. TEACHING/ DEMO KITCHEN	53*	VCT	RB	EPGB	ACT	8
8. CENTRAL COUNTER RECEPTION	140	CPT	RB	PGB	ACT	8
9. STAFF TOILET/ FIRST AID	60*	SV	RB	EPGB	ACT	8
10. DIRECTOR OFFICE	197	CPT	RB	PGB	ACT	8
11. TRAINING ROOM	242	VCT	RB	EPGB	ACT	8
12. STAFF LOUNGE	346	VCT	RB	EPGB	ACT	8
13. VIDEO MONITOR RM.	123	VCT	RB	EPGB	ACT	8
14. STAFF & PUBLIC TOILET	60*	CT	CT	CT/EPGB	ACT	8
15. KITCHEN	633	QT	QT	CT	V ACT	8
16. DRY FOOD STORAGE	80	SV	RB	EPGB	V ACT	8
17. WALK IN COOLER	69	CONC	PRE-FAB	PRE-FAB	PRE-FAB	8
18. MALE TOILET 1	283*	CT	CT	CT/EPGB	ACT	8
19. MALE TOILET 2	182*	CT	CT	CT/EPGB	ACT	8
20. FEMALE TOILET 1	283*	CT	CT	CT/EPGB	ACT	8
21. FEMALE TOILET 2	182*	CT	CT	CT/EPGB	ACT	8
22. JANITOR	60	QT	QT	EPGB	EPGB	8
23. SUPPLY STORAGE	227	VCT	RB	EPGB	V ACT	8
24. LAUNDRY	116	QT	QT	EPGB	EPGB	8
25. MULTI- PURPOSE RM.	3,452*	ATHL	RB	PCMU	E STRU	VARIES
26. MULTI- PURPOSE RM. TOILETS (2 total)	136* (total)	CT	CT	CT/EPGB	ACT	8
27. MULTI-PURPOSE STOR.	242	VCT	RB	EPGB	ACT	8
28. STORAGE & ISSUE	723	CONC	RB	PGB	E STRU	VARIES
29. ART & SCIENCE ACTIVITY ROOM	719*	VCT	RB	EPGB	ACT	8
30. PERFORMING ARTS ACTIVITY ROOM	760*	WD	WD	EPGB	ACT	8
31. ACTIVITY ROOM #1	692*	VCT	RB	EPGB	ACT	8
32. HOMEWORK CENTER	534*	VCT	RB	EPGB	ACT	8

33. SECURE STORAGE RM.	60	CPT	RB	EPGB	ACT	8
34. COMPUTER LAB	532*	CPT	RB	EPGB	ACT	8
35. COMPUTER HOMEWORK LAB (Not Included)	-	-	-	-	-	-
36. COMMUNICATION ROOM	87	VCT	RB	PGB	PGB	9
37. ELECTRICAL ROOM	119	VCT	RB	PGB	PGB	9
38. MECHANICAL ROOM	1,123	CONC	RB		E STRU	-
39. COVERED ENTRY 1&2	101	CONC				8
40. ELECTRICAL ROOM #2	52	VCT	RB	PGB	PGB	9
41. ACTIVITY ROOM #2 (Not Included)	-	-	-	-	-	-
42. ACTIVITY ROOM #3 (Not Included)	-	-	-	-	-	-
43. ACTIVITY ROOM #4 (Not Included)	-	-	-	-	-	-
44. STORAGE CANOPY	47	CONC	-	-	-	-
TOTAL PROGRAMED SPACES	18,899					
TOTAL GROSS FACTOR (Includes interior and exterior wall thicknesses)	1,585					
TOTAL BUILDING GROSS	20,484					

- **NOTE:** Program Space that have a mandatory minimum size are identified by an astride.

1. COMPUTER LABS: (space 34)

Minimum of 525 square foot area for 15 children (35 sq ft per child). This space must accommodate 15 computer workstations. In the 75 capacity wing and the 135 capacity facility this area dual functions as a Computer Lab and Homework Center with 7 computer workstations.

2.HOMEWORK CENTER: (spaces 32)

Provide for a minimum of 525 square foot area for 15 children (35 sq. ft. per child)

3.ACTIVITY ROOMS: (spaces 29, 30, 31)

Activity rooms to have a minimum of 675 square feet for 15 children each (45 sq. ft. per child)

4. OPEN ACTIVITY AREAS:(spaces 4, 5, 6, 7)

Must have an open activity area adjacent to the Teaching Kitchen in the 135, 180 and 225 child capacity facilities. Each open area provides a 40 foot X 16 foot area or 45 square feet of space for 15 children. Circulation space: 8 feet to provide a minimum of 6 feet clear for circulation around activity areas to meet egress requirements. Clerestory windows provide natural lighting into the area. Skylights are not an acceptable means of meeting the natural lighting requirements.

5. MULTI-PURPOSE ROOM:(space 25)

Must include a multi-purpose room (3439 sq. ft)

6. TOILET SPACE:(spaces 9,14,18,19,20,21,26)

Separate male and female toilet areas for children in the program are required. One toilet and one sink per 18 school-age children is required.

All other spaces may be adjusted but the overall building gross square footage, including exterior canopies, cannot exceed the 20,484 square footage. In calculating your gross square footage, exterior canopy or cover shall be divided by 2.

FINISH SCHEDULE LEGEND:

ACT	Acoustical Ceiling Tile
ATHL FL	Athletic Floor - Connor's 4 + 4 Elastic-plus flooring system or approved equal.
CONC	Concrete Floor
CT	Ceramic Tile
CPT	Carpet
EPGB	Epoxy Painted Gypsum Board
E STRU	Exposed Structure
PCMU	Painted Concrete Masonry Units
PGB	Painted Gypsum Board
QT	Quarry Tile
RB	Rubber Base
SV	Sheet Vinyl
VACT	Vinyl Faced drywall Panels on a Suspension System
VCT	Vinyl Composition Tile
WD	Wood flooring system appropriate for dance
EXTGB	Exterior Gyp Board

SMALL 105-135 CAPACITY

INTERIOR FINISH SCHEDULE

ROOM NAME	ROOM AREA SF	FLOOR MATERIAL	BASE MATERIAL	WALLS MATERIAL	CEILING MATERIAL	CEILING HEIGHT FT
1. VESTIBULE #1	55*	QT	QT	EPGB	ACT	8
1a. VESTIBULE #2 (Not Included)	-	-	-	-	-	-
1b. WAITING AREA	108	-	-	-	-	-
2. CORRIDORS 1 & 2 & 3	684*	VCT	RB	EPGB	ACT	8
3. GATHERING AREA (Not Included)	-	-	-	-	-	-
4. MAIN ATRIUM	2,053*	VCT	RB	EPGB	ACT	16
5. SECONDARY ATRIUM 1 (Not Included)	-	-	-	-	-	-
6. SECONDARY ATRIUM 2 (Not Included)	-	-	-	-	-	-
7. TEACHING/ DEMO KITCHEN	55	CT	CT	EPGB	ACT	8
8. CENTRAL COUNTER RECEPTION	151	CPT	RB	PGB	ACT	8
9. STAFF TOILET/ FIRST AID	59*	SV	RB	EPGB	ACT	8
10. DIRECTOR OFFICE	112	CPT	RB	PGB	ACT	8
11. TRAINING ROOM	198	VCT	RB	EPGB	ACT	8
12. STAFF LOUNGE	120	VCT	RB	EPGB	ACT	8
13. VIDEO MONITOR RM.	115	VCT	RB	EPGB	ACT	8
14. STAFF & PUBLIC TOILET	597*	CT	CT	CT/EPGB	ACT	8
15. KITCHEN	483	QT	QT	CT	V ACT	8
16. DRY FOOD STORAGE	42	SV	RB	EPGB	V ACT	8
17. WALK IN COOLER	54	CONC	PRE-FAB	PRE-FAB	PRE-FAB	8
18. MALE TOILET 1	202*	CT	CT	CT/EPGB	ACT	8
19. MALE TOILET 2 (Not Included)	-	-	-	-	-	-
20. FEMALE TOILET 1	202*	CT	CT	CT/EPGB	ACT	8
21. FEMALE TOILET 2 (Not Included)	-	-	-	-	-	-
22. JANITOR	37	QT	QT	EPGB	EPGB	8
23. SUPPLY STORAGE (Not Included)	-	-	-	-	-	-
24. LAUNDRY	85	QT	QT	EPGB	EPGB	8
25. MULTI- PURPOSE RM.	3,452*	ATHL	RB	PCMU	E STRU	VARIES
26. MULTI- PURPOSE RM. TOILETS (2 total)	136 (total)	CT	CT	CT/EPGB	ACT	8
27. MULTI-PURPOSE STOR.	242	VCT	RB	EPGB	ACT	8
28. STORAGE & ISSUE	724	CONC	RB	PGB	E STRU	VARIES

29. ART & SCIENCE ACTIVITY ROOM	706*	VCT	RB	EPGB	ACT	8
30. PERFORMING ARTS ACTIVITY ROOM	677*	WD	WD	EPGB	ACT	8
31. ACTIVITY ROOM #1	676*	VCT	RB	EPGB	ACT	8
32. HOMEWORK CENTER (Not Included)	-	-	-	-	-	-
33. SECURE STORAGE RM.	39	CPT	RB	EPGB	ACT	8
34. COMPUTER LAB (Not Included)	-	-	-	-	-	-
35. COMPUTER HOMEWORK LAB	526*	CPT	RB	EPGB	ACT	8
36. COMMUNICATION ROOM	91	VCT	RB	PGB	PGB	9
37. ELECTRICAL ROOM	83	VCT	RB	PGB	PGB	9
38. MECHANICAL ROOM	508	CONC	RB		E STRU	-
39. COVERED ENTRY	80	CONC				8
40. ELECTRICAL ROOM #2 (Not Included)	-	-	-	-	-	-
41. ACTIVITY ROOM #2 (Not Included)	-	-	-	-	-	-
42. ACTIVITY ROOM #3 (Not Included)	-	-	-	-	-	-
43. ACTIVITY ROOM #4 (Not Included)	-	-	-	-	-	-
44. STORAGE CANOPY	-	-	-	-	-	-
TOTAL PROGRAMED SPACES	13,352					
TOTAL GROSS FACTOR (Includes interior and exterior wall thicknesses)	503					
TOTAL BUILDING GROSS	13,855					

- **NOTE:** Program Space that have a mandatory minimum size are identified by an astride.

1. COMPUTER LABS: (space 35)

Minimum of 525 square foot area for 15 children (35 sq ft per child). This space must accommodate 15 computer workstations. In the 75 capacity wing and the 135 capacity facility this area dual functions as a Computer Lab and Homework Center with 7 computer workstations.

2.HOMEWORK CENTER: (Not Included)

3.ACTIVITY ROOMS: (spaces 29, 30, 31)

Activity rooms to have a minimum of 675 square feet for 15 children each (45 sq. ft. per child)

4. OPEN ACTIVITY AREAS:(spaces 4, 7)

Must have an open activity area adjacent to the Teaching Kitchen in the 135, 180 and 225 child capacity facilities. Each open area provides a 40 foot X 16 foot area or 45

square feet of space for 15 children. Circulation space: 8 feet to provide a minimum of 6 feet clear for circulation around activity areas to meet egress requirements. Clerestory windows provide natural lighting into the area. Skylights are not an acceptable means of meeting the natural lighting requirements.

5. MULTI-PURPOSE ROOM:(space 25)

Must include a multi-purpose room (3439 sq. ft)

6. TOILET SPACE:(spaces 9,14,18,20, 26)

Separate male and female toilet areas for children in the program are required. One toilet and one sink per 18 school-age children is required.

All other spaces may be adjusted but the overall building gross square footage, including exterior canopies, cannot exceed the 13,929 square footage. In calculating your gross square footage, exterior canopy or cover shall be divided by 2.

FINISH SCHEDULE LEGEND:

ACT	Acoustical Ceiling Tile
ATHL FL	Athletic Floor - Connor's 4 + 4 Elastic-plus flooring system or approved equal.
CONC	Concrete Floor
CT	Ceramic Tile
CPT	Carpet
EPGB	Epoxy Painted Gypsum Board
E STRU	Exposed Structure
PCMU	Painted Concrete Masonry Units
PGB	Painted Gypsum Board
QT	Quarry Tile
RB	Rubber Base
SV	Sheet Vinyl
VACT	Vinyl Faced drywall Panels on a Suspension System
VCT	Vinyl Composition Tile
WD	Wood flooring system appropriate for dance
EXTGB	Exterior Gyp Board

WING ADDITION 60-75 CAPACITY

INTERIOR FINISH SCHEDULE

ROOM NAME	ROOM AREA SF	FLOOR MATERIAL	BASE MATERIAL	WALLS MATERIAL	CEILING MATERIAL	CEILING HEIGHT FT
1. VESTIBULE	55	QT	QT	EPGB	ACT	8
2. CORRIDORS 1 & 2	248	VCT	RB	EPGB	ACT	8
3. WAITING AREA	49	CPT	RB	EPGB	ACT	16
4. MAIN ATRIUM	1,809	VCT	RB	EPGB	ACT	16
7. TEACHING/ DEMO KITCHEN	149	VCT	RB	EPGB	ACT	12
8. CENTRAL COUNTER RECEPTION	114	CPT	RB	PGB	ACT	8
9. STAFF TOILET/ FIRST AID	88	SV	RB	EPGB	ACT	8
10. DIRECTOR OFFICE	90	CPT	RB	PGB	ACT	8
14. STAFF & PUBLIC HC TOILET	78	CT	CT	CT/EPGB	ACT	8
18. MALE TOILET 1	209	CT	CT	CT/EPGB	ACT	8
20. FEMALE TOILET 1	209	CT	CT	CT/EPGB	ACT	8
22. JANITOR	42	QT	QT	EPGB	ACT	8
25. MULTI- PURPOSE RM.	2,251	ATHL FL	RB	PCMU	E STRU	VARIES
26. MULTI- PURPOSE RM. TOILETS (2 total)	136 (total)	CT	CT	CT/EPGB	ACT	8
28. STORAGE & ISSUE	483	CONC	RB	PGB	E STRU	VARIES
31. ACTIVITY ROOM	525	VCT	RB	EPGB	ACT	8
33. SECURE STORAGE ROOM	63	CPT	RB	EPGB	ACT	8
34. COMPUTER/ HOMEWORK LAB	696	CPT	RB	EPGB	ACT	8
35. COMM. ROOM	75	VCT	RB	PGB	ACT	8
36. ELECTRICAL ROOM	75	VCT	RB	PGB	E STRU	VARIES
37. MECHANICAL ROOM	678	CONC	RB	PGB	E STRU	VARIES
GROSS FACTOR	758					
TOTAL SQUARE FEET	8,880					

FINISH SCHEDULE LEGEND:

ACT	Acoustical Ceiling Tile
ATHL FL	Athletic Floor - Connor's 4 + 4 Elastic-plus flooring system or approved equal.
CONC	Concrete Floor
CT	Ceramic Tile
CPT	Carpet
EPGB	Epoxy Painted Gypsum Board
E STRU	Exposed Structure
PCMU	Painted Concrete Masonry Units
PGB	Painted Gypsum Board
QT	Quarry Tile
RB	Rubber Base
SV	Sheet Vinyl
VACT	Vinyl Faced Drywall Panels on a Suspension System.
VCT	Vinyl Composition Tile
WD	Wood flooring system appropriate for dance

GENERAL REQUIREMENTS

FINISH SCHEDULE: The attached finish schedule

OUTDOOR ACTIVITY AREA:

- A. General Requirements:** Playground design must be reviewed by installation CYS staff and approved by the FMWRC. Playground installation must be in accordance with the Consumer Products Safety Commission (CPSC) and all applicable American Society for Testing and materials (ASTM) standards. Contractor shall provide written documentation that playground meets those standards and has been inspected by a Certified Playground Safety Inspector (CPSI) prior to turning over to the Government. Documentation of installation and inspection shall be sent to the FMWRC and the originals shall be maintained by the Installation CYS staff.
- B. Technical requirements:** 6-10 CDC Outdoor Activity Area shall include the following: (See Site Plan for Location and Adjacencies)
- a. A hard stand surface area (50 feet by 50 feet) adjacent to the multipurpose room.
 - b. Age appropriate composite play structure sized for 15-30 children with poured-in-place surfacing in use zone.
 - c. 2 bays of 2 swings each slat swings with 8 feet high cross bar. The use zone is engineered wood fiber with kick out mat.
 - d. Open field area sized for youth soccer. The field shall be 70 yards long by 50 yards wide. In addition, 10 yards of out of bounds area shall be added on all sides.
 - e. Quiet Imagination area that includes boulders and natural landscaping.
 - f. Ensure all ties and bolt threads on the fencing and gates are positioned so that any sharp points are directed to the outside of the playground. If this cannot be accomplished (gate or fencing between two playgrounds), sharp points and bolts will be filed down and/or capped.

EMERGENCY ACCESS ROADS: emergency vehicle access roads shall meet the requirements of NFPA 1 and UFC 3-600-01.

DOOR ALARM: Exit notification system with keyed manual override is required on all doors that do not open into a fenced area from normally child occupied spaces and corridors, except for the main entrance and kitchen.

BUILDING ENVELOPE: The building may be rotated or mirrored to the site.

INTERCOM: Provide intercom in all spaces occupied by staff and or children except in toilets, storage rooms, mechanical, electrical, and communication rooms.

DOORS: All exterior doors and interior corridor doors shall be provided with self-closures and vision panels. All doors except adult bathrooms will have vision panels – see the room by room description to verify the size of the vision panels, (½ size or narrow style glass).

PANIC HARDWARE: All exterior exit doors shall have flush type panic hardware. All exit door hardware shall be located 44 inches above the finished floor and shall have a clear opening of 34 inches clear width.

ACOUSTICAL CEILING: Ceiling Attenuation Class (CAC) of 38 or higher is required.

In addition to the finish schedule, see the building section sheet, in the attachments section, for mandatory ceiling heights and clearstory locations.

CHILDREN'S LOCKERS: Lockers shall be 12" W x 15" D x 30" H with 4" base, double stacked except where provided at vision panels. Locations where lockers are only single tiered; they shall be covered by a solid surface countertop cap, rigidly attached to the lockers. Combination lockers are not acceptable.

INTERIOR VIEW WINDOWS: Safety glass must be provided with a manufacturer's label indicating that the glass is safety glass or tempered glass.

STORAGE: All storage room interiors shall be marked with a 1-inch wide red line located 18 inches below the lowest point of the fire sprinkler head.

FIRE PROTECTION: Requirements based on the National Fire Protection Association (NFPA) 101, Life Safety Code for Assembly and Educational Occupancy, where applicable. Fully sprinkled in accordance with NFPA 13 and the Unified Facilities Criteria (UFC) 3-600-01. Fire separations in accordance with UFC 4-740-06, where applicable. Fire alarm system and smoke detection systems shall be provided throughout the facility in accordance with NFPA 72. Smoke detection system is not required by code, but is required by the Army. A detection system is required in all closets larger than 20 square feet.

MASS NOTIFICATION: Mass Notification system will be required and shall follow of guidance of UFC 4 -021-01.

INTERIOR WALLS: Corner guards shall be installed on all outside corners of all interior walls. Unless noted otherwise, interior walls between rooms shall be provided with acoustical batt insulation to match the stud wall thickness and on top of the acoustical ceiling system in addition to the required ceiling insulation to achieve the required R value. All interior walls shall contain 5/8" drywall and all electrical outlets shall be staggered for wall 6" wide or wider. The acoustical ceiling shall have a min. STC rating of 40.

MILLWORK: Radius corners shall be provided on all millwork up to 48 inches from the finish floor. The intent is to eliminate all sharp corners that will cause injury to children.

FURNITURE: FMWRC will provide and install all the furniture and equipment (FF&E) not included in the building contract. Contact FMWRC for the complete list of all FF&E they provide. Furniture that is part of the building construction contract and not provided by FMWRC is all kitchen equipment, all built-in millwork such as the reception desk, all child and adult lockers to include solid plastic tops, and all exterior playground equipment and surfaces. Commercial Grade washer and dryers will be centrally purchased as part of the FF&E.

PLUMBING: Min. of 1 hose bib on each side of the building exterior to include the playground and kitchen areas. The maximum temperature for the hot water in child accessible areas is 110 degrees F. Water temperature in the laundry and the kitchen is required to be 140 degrees F. The pots and pan sink and the dishwasher require 180 degrees F water. Automatic flushing water closets and sink faucets are not allowed in

any of the children toilets. If sensor fixtures are used in adult toilets, the sensors must be hardwired.

SHOWER & CHANGE ROOMS: Absolutely no shower or changing room shall be installed in this facility due to child abuse concerns.

SITE AND PARKING REQUIREMENTS: The layout of the parking lot and traffic circulation must consider the safety of the children when entering and departing the facility. Parking lots shall be designed such that children are not required to walk behind parked vehicles as they walk from the parking lot to the building. In other words, sidewalks should be provided immediately in front of or besides parked vehicles and must be of sufficient width to accommodate the overhang of vehicles and still provide ADA required cleared widths. If curbside or parallel parking is provided, parking should be restricted to the right side so children will not exit the vehicle on the street side of on-coming traffic. If the parking lot design requires crosswalks, these shall be painted and identifiable with signage in appropriate locations to ensure the safety of the patrons and shall follow the guidance outlined in the Installation guidelines. All sidewalks must be ADA compliant. See the attached schematic layout for guidance. General site planning should follow NFPA 1 and UFC 3-600-01.

VIDEO MONITORING (CCTV) REQUIREMENTS: The building construction contractor shall provide the conduit, cabling (wiring), boxes and power to the camera locations indicated on the FRP Drawings. FMWRC-CYSS coordinates the installation of the CYSS VSS to include installing cameras, head-end unit and other equipment for the operation of the video security system. The Navy (SPAWAR) contracts to have the system installed just after the building is turned over. Installation typically takes around 4 weeks but is usually done during non-use hours (at night).

KITCHEN PASS-THRU WINDOWS: Provide two 3' wide single (vertical sash style) aluminum, exterior type pass through windows for the openings between the kitchen and demo kitchen. No track on the bottom/counter. These windows are provided to restrict the passage of smoke. No roll up, side sliding or hinged windows will be allowed.

KITCHEN EQUIPMENT: Shall be commercial equipment NSF approved. Kitchen equipment will comply with all NFPA requirements to include NFPA 96, equipment will be contractor furnished and contractor installed (CFCI).

EXTERIOR WINDOWS: Where exterior windows are provided the following requirements shall be met. Shall comply with ATFP requirements and insulated. Salient characteristics include easy to clean, insulated and able to withstand continuous use. Individual windows shall be double hung, windows, and shall open from the top only and the bottom sash shall be permanently fixed in a closed position. Full screens shall be attached with interior metal clips to preclude children from removing the clips. A minimum of 2 exterior windows shall be provided in each activity room or classroom with a solid plastic window sill mounted 24 inches from the finish floor.

SPECIAL ELECTRICAL REQUIREMENTS: Provide a buzzer at inner set of doors that sounds at reception desk. Provide intercom connection with reception desk and provide power for door locking mechanism at inner doors.

SITE /BUILDING EXTERIOR:

- a. All side walks and exit pathways shall be ADA compliant. The side walk around the perimeter of the building shall be 6 feet wide.
- b. Hose bibs shall be provided on each side of the building.
- c. Electrical outlets shall be provided on each side of the building.
- d. Fire alarm audio and visual devices shall be provided on each side of the building.
- e. Fencing around outdoor activity spaces shall be a minimum of 4 foot high vinyl coated chain linked fence. Fence bolts shall be installed so threads face to the exterior of the fence. Any wire ties shall also face down and to the outside of the fence.

SPECIAL KITCHEN REQUIREMENTS: The kitchen design shown on sheet A-105 ,in the standard drawing package, is only a general concept and that the final kitchen design shall be determined by a Certified kitchen Designer with the approval of FMWRC (Mr. Kevin Sheff)

FURNITURE REQUIREMENTS: SID Package is required.

1. SPACE: Vestibule #1

FUNCTIONAL DESCRIPTION: This space serves to minimize air transfer by use of exterior and interior doors. Entry must have direct visual contact with the reception desk for access control.

OCCUPANTS: Staff, children, parents and visitors

MINIMUM FLOOR AND BASE CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include resistance to slipping, durable, and hard surface resistant to scrapes and stains and easy to clean.

MINIMUM WALL CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include ease of cleaning, maintenance and repair. Surface shall be water resistant for easy wiping.

MINIMUM CEILING CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include good sound absorbing characteristics, durable materials, low maintenance, easy to repair, and with easy access to mechanical system above ceiling.

DOORS/FRAME: Salient characteristics include ease of cleaning, maintenance and repair, ability to withstand continuous use and compliance with building codes. **Exterior and Interior Doors:** A minimum of 2 sets of double 3 foot by 7 foot doors at exterior wall and the interior wall. They shall be constructed from Aluminum with full tempered glass and have laminated glass to meet AFTP requirements at exterior.

ENTRY DOOR REQUIREMENTS, SPECIAL HARDWARE

AND ELECTRICAL REQUIREMENTS:

Provide buzzer type access system at entry including following features:

1. buzzer that sounds at reception desk
2. intercom system for communication between reception desk and entry
3. electronic lock system.

Features of electronic lock system shall include:

1. control of access into facility at reception desk
2. manual override of electronic lock by key from the outside
3. manual override to allow the doors to unlocked from the interior.

4. Ensure the panic mechanism does not negate the use of the panic hardware during emergency evacuations. The fire department shall be provided with a key to the manual override system.

AUTOMATIC DOOR OPERATION REQUIREMENT: Provide ADA approved automatic door operators at outer and inner doors for handicapped accessibility. The automatic door operators at inner door shall be interlocked with Buzzer Access System controls.

1a. SPACE: Vestibule #2

FUNCTIONAL DESCRIPTION: This space serves to minimize air transfer by use of exterior and interior doors.

OCCUPANTS: *Staff and Children*

MINIMUM FLOOR AND BASE CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include resistance to slipping, durable, and hard surface resistant to scrapes and stains and easy to clean.

MINIMUM WALL CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include ease of cleaning, maintenance and repair. Surface shall be water resistant for easy wiping.

MINIMUM CEILING CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include good sound absorbing characteristics, durable materials, low maintenance, easy to repair, and with easy access to mechanical system above ceiling.

DOORS/FRAME: Salient characteristics include ease of cleaning, maintenance and repair, ability to withstand continuous use and compliance with building codes. **Exterior and Interior Doors:** A minimum of double 3 foot by 7 foot doors at exterior wall. They shall be constructed from hollow metal with tempered glass and have laminated glass to meet AFTP requirements.

2. SPACE: Corridors 1 & 2 & 3 (Small Only)

FUNCTIONAL DESCRIPTION: Main circulation including emergency egress

OCCUPANTS: Staff, children, parents and visitors

MINIMUM FLOOR AND BASE CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include slip resistance, abrasion resistance, easy to clean, maintain and repair.

MINIMUM WALL CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include ease of cleaning, maintenance and repair. Surface shall be water resistant for easy wiping.

MINIMUM CEILING CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include good sound absorbing characteristics, durable materials, low maintenance, easy to repair, and with easy access to mechanical system above ceiling.

PLUMBING: Provide water for single, ADA compliant electric water coolers where shown on plan. Corridor 2 install electric water cooler at child height 27" from finish floor where shown on floor plan.

DOORS/FRAME: Salient characteristics include ease of cleaning, maintenance and repair, ability to withstand continuous use and compliance with building codes. Exterior door from corridor to the exterior shall be hollow metal with half glass, glass shall meet AFTP requirements.

SPECIAL FEATURES:

CORRIDOR 2: Install 30 lockable half height child lockers, 12" W x 15" D x 30" H with 4" base as shown on plans. Where single tier lockers are provided (in front of vision panels or in islands), provide a solid surfacing countertop cap rigidly attached to the lockers.

CORRIDOR 3: Install 106 lockable ½ height child lockers 12" W x 15" D x 30" H with 4 inch base where shown on the floor plan.

3. SPACE: Gathering Area (Medium and Large only Waiting Area for the small)

FUNCTIONAL DESCRIPTION: Comfortable or soft and “homey” location for a parent waiting to talk a member of the staff or the program director and can also be used as a gathering place for children. This space is located within the Main Atrium.

OCCUPANTS: Parents, staff, and children

MINIMUM FLOOR AND BASE CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include resistance to slipping and ease of cleaning, maintenance and repair with sound absorbing qualities and warm soft texture.

MINIMUM CEILING CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include good sound absorbing characteristics, durable materials, low maintenance, easy to repair, and with easy access to mechanical system above ceiling.

ACOUSTICAL: Materials shall be designed to baffle or absorb excessive sound generated within this area.

ARCHITECTURAL FEATURES: An open space with radius corners and seating area flanked by 34” high knee walls and planter on top. The interior space will be furnished with soft item provided by FMWRC and the exterior of the space shall have clear, unbreakable, and lockable display case. See the Display Case drawing in the attachment portion of the RFP.

4. SPACE: Main Atrium

FUNCTIONAL DESCRIPTION: The Main Atrium is a multi-functional recreational area that is surrounded on all sides by an 8' circulation space. This area is to be bright, open, with plenty of natural light that does not have an institutional, school-like feel. The circulation space is an extension of the activity area to provide for cabinets, displays, intimate seating areas, etc. Skylights will not be accepted to achieve the natural lighting requirement. Tinted or clear glass is the only acceptable glazing material for the clearstory windows. Window sills shall be angled to reduce dust collection.

OCCUPANTS: Children and Staff

MINIMUM FLOOR AND BASE CONSTRUCTION/SURFACE PERFORMANCE:

Salient characteristics include slip resistance, abrasion resistance, easy to clean, maintain and repair. Activity areas and circulation spaces of Atriums are to be differentiated by floor patterns, borders, and/or colors. (See floor plan for the location of the patterns)

MINIMUM WALL CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include ease of cleaning, maintenance and repair. Surface shall be water resistant for easy wiping.

MINIMUM CEILING CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include good sound absorbing characteristics, durable materials, low maintenance, easy to repair, and with easy access to mechanical system above ceiling. Ceilings shall be at the 16 foot level above the Activity and Gathering areas with high continuous natural light wells above the circulation space on both sides of the Main Atrium. This space shall not be designed with a shed roof style due to the requirement to have natural lighting, clerestory lighting on both sides of the Main Atrium and it is mandatory the ceiling system shall be designed completely closed from ceiling located building equipment due to the food activity in this area. The ceiling height along the Multipurpose Room is lowered to 12 foot to facilitate the mechanical chase. (See building Cross Sections in the Attachment Portion of the RFP)

CLERESTORY WINDOWS: clerestory windows with security laminated glass shall provide natural light in this space. Natural lighting is mandatory for this space and skylights will not be an acceptable means to achieve the natural lighting requirement.

ACOUSTICAL: Materials shall be designed to baffle or absorb excessive sound generated within this area.

SPECIAL LIGHTING: Natural Lighting and Zoned Artificial Lighting.

ELECTRICAL: Provide minimum of 6 flush mounted duplex floor outlets with covers evenly spaced throughout the activity space (at least 10 feet apart), 4 feet in from each side of the activity space (12 feet in from the walls).

5. SPACE: Secondary Atrium 1 (Near Demonstration kitchen)

FUNCTIONAL DESCRIPTION: The Secondary Atriums are/is a multi-functional leisure, educational and social area that is surrounded on 3 sides by an 8' circulation space. These areas are to be bright and open, that do not have an institutional, school-like feel. This atrium shall be adjacent to the Teaching/Demo Kitchen and which serve as an eating area for children.

OCCUPANTS: Children and Staff

MINIMUM FLOOR AND BASE CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include slip resistance, abrasion resistance, easy to clean, maintain and repair. Activity areas and circulation spaces of Atriums are to be differentiated by floor patterns and/or colors.

MINIMUM WALL CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include ease of cleaning, maintenance and repair. Surface shall be water resistant for easy wiping.

MINIMUM CEILING CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include good sound absorbing characteristics, durable materials, low maintenance, easy to repair, and with easy access to mechanical system above ceiling. This ceiling is bi level – see the building section located in the Attachment portion of the RFP.

DOORS/FRAME: Salient characteristics include ease of cleaning, maintenance and repair, the ability to withstand continuous use, and compliance to international and local building codes.

Interior Doors: Reference adjacent space requirements.

Exterior Doors: Provide one pair 3 foot by 7 foot Hollow metal doors with half light glass panels conforming to AFTP standards.

ACOUSTICAL: Materials shall be designed to baffle or absorb excessive sound generated within this area.

ELECTRICAL: Provide minimum of 4 flush mounted duplex floor outlets with covers evenly spaced throughout the activity space (at least 20 feet apart), 4 feet in from each side of the activity space (12 feet in from the walls).

SPECIAL FEATURES: IN CORRIDOR 1: Install 105, 150 or 195 (depending on the facility size) lockable half height child lockers, 12" W x 15" D x 30" H with 4" base as shown on plans. Where single tier lockers are provided (in front of vision panels or in islands), provide a solid surfacing countertop cap rigidly attached to the lockers.

SPECIAL LIGHTING: Zoned Lighting

6. SPACE: Secondary Atrium 2 (Medium & Large Sizes)

FUNCTIONAL DESCRIPTION: The Secondary Atriums are a multi-functional leisure, educational and social area that is surrounded on all sides by an 8' circulation space. The forth side contains a locker area, see special features below and the floor plan in the attachment section of the RFP. These areas are to be bright and open, that do not have an institutional, school-like feel. One atrium must be adjacent to the Teaching/Demo Kitchen, which will also serve as an eating area for children. This atrium shall include areas for board games and child lockers.

OCCUPANTS: Children and Staff

MINIMUM FLOOR AND BASE CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include slip resistance, abrasion resistance, easy to clean, maintain and repair. Activity areas and circulation spaces of Atriums are to be differentiated by floor patterns and/or colors. Activity areas and circulation spaces of the Atrium are to be differentiated by floor patterns, borders, and color.(See Floor Plan)

MINIMUM WALL CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include ease of cleaning, maintenance and repair. Surface shall be water resistant for easy wiping.

MINIMUM CEILING CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include good sound absorbing characteristics, durable materials, low maintenance, easy to repair, and with easy access to mechanical system above ceiling.

Ceiling is to be bi-level, see building sections in the attachment portion of the RFP.

DOORS/FRAME: Salient characteristics include ease of cleaning, maintenance and repair, ability to withstand continuous use and compliance with building codes.

Interior Doors: A minimum of 1 set of double 3 foot by 7 foot doors at exterior wall and the interior wall. They shall be constructed from Hollow metal with full tempered glass and have laminated glass to meet AFTP requirements at exterior.

Exterior Doors: Install one pair 3x7 foot hollow metal door and frame with half lite glass panel and conforming to AFTP Standards.

ACOUSTICAL: Materials shall be designed to baffle or absorb excessive sound generated within this area.

ELECTRICAL: Provide minimum of 4 flush mounted duplex floor outlets with covers evenly spaced throughout the activity space (at least 20 feet apart), 4 feet in from each side of the activity space (12 feet in from the walls).

SPECIAL LIGHTING: Zoned Lighting

SPECIAL FEATURES: Provide 195 lockers in large size and 150 lockers in medium and 105 in the small size with lockable half height child lockers, 12" W x 15" D x 30" H with 4" base as shown on plans. Where single tier lockers are provided (in front of vision panels or in islands) and on second tier lockers, provide a solid surfacing countertop cap rigidly attached to the lockers. The second tier tops shall be sloped to discourage the accumulation of dust.

7. SPACE: Teaching/Demo Kitchen

FUNCTIONAL DESCRIPTION: Serves as an essential element of the facility. Food for snack/meal time will be appropriately arranged for self service. Primary feature is counter space where children learn, prepare, and sample foods as part of life skill building. Counter will have various levels for different ages to allow all children to participate. This area's relationship to the main kitchen is essential.

OCCUPANTS: Children and Program Assistant.

MINIMUM FLOOR AND BASE CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include slip resistance, abrasion resistance, easy to clean, maintain and repair.

MINIMUM WALL CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include ease of cleaning, maintenance and repair. Surface shall be water resistant for easy wiping.

MINIMUM CEILING CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include good sound absorbing characteristics, durable materials, low maintenance, easy to repair, and with easy access to mechanical system above ceiling.

DOORS/FRAME: Salient characteristics include ease of cleaning, maintenance and repair. Provide one 3 foot by 7 foot solid core wood door, metal frame, and half vision lite between Teaching/Demo Kitchen and Kitchen. Metal frame to be painted and wood doors to be stained. Door shall have half vision-lite. Door shall have half vision-lite with locking mechanism that allows the door to be opened from the inside while locked..

ACOUSTICAL: Materials shall be designed to baffle or absorb excessive sound generated within this area.

CABINETRY: Salient features include ease of cleaning, hard/smooth, ease of maintenance, and easily repaired. Provide split level counter to encourage use by children of diverse ages. Cabinets will be child size with stainless steel sinks, small under-the-counter commercial refrigerator and electrical outlets for appliances such as mixer, toaster and microwave. Solid surface polymer countertops are required. Child counter heights shall be 27 inches and adult counter height is 36 inches.

PLUMBING: International Plumbing Code, ASHRAE Handbooks, Americans with Disabilities Act (ADA) Requirements will govern the minimum requirements for this space. Floor drain is required and it shall be self priming or designed to prevent sewer gases from entering the occupied space by a proven and maintenance free design. The drain shall be located near the two-compartment sink.

HVAC: ASHRAE Handbooks shall govern requirements for this space.

ELECTRICAL: Provide appropriate under the counter receptacles.

SPECIAL REQUIREMENT: Install two single aluminum or PVC pass-thru windows from the kitchen to the Demo Kitchen. These windows shall be lockable.

8. SPACE: Central Counter/Reception

FUNCTIONAL DESCRIPTION: Will serve as a main access control point. Must have visual contact with the entry as well as the waiting area. This area will view/observe the flow of children, parents, and visitors. A duress alarm shall be installed.

OCCUPANTS: Staff.

MINIMUM FLOOR AND BASE CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include resistance to slipping and ease of cleaning, maintenance and repair with sound absorbing qualities and warm soft texture.

MINIMUM WALL CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include ease of cleaning, maintenance and repair.

MINIMUM CEILING CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include good sound absorbing characteristics, durable materials, low maintenance, easy to repair, and with easy access to mechanical system above ceiling.

DOORS/FRAME: Salient characteristics include ease of cleaning, maintenance and repair. Provide one small counter height swing gate that opens 180 degrees with a plastic laminate finish.

ACOUSTICAL: Materials shall be designed to baffle or absorb excessive sound generated within this area.

CABINETRY Salient characteristics include easy cleaning, maintain and repair. Cabinets shall be durable and be able to withstand impacts from carts, strollers, book bags, buggies, etc., without showing damage. Cabinets shall be a minimum of Architectural Woodworking Institute (AWI) 400B, Custom Grade. Counter tops shall be provided at both standing height and ADA height. Work surfaces behind counter tops shall be at standard working height, and shall allow for mobile pedestals to be placed under the work surface. Do not provide built-in pedestals or drawers other than pencil drawers noted below. Countertop shall be solid surface material where the color of the material extends thru the entire thickness. For safety, all edges, vertical and horizontal, shall be eased or rounded. No sharp edges may be provided. Two equally spaced grommets with covers shall be provided in each of the raised counter areas. Grommets with covers are to be provided in the lower counter area directly below the grommets in the upper counter. In addition, one grommet with cover shall be provided in the lower counter on the side where no upper counter is provided.

ELECTRICAL: A minimum of 3 quad outlets shall be provided in the small, 5 quads outlets in the medium and large. In addition, a duplex outlet shall be provided in each area with the raised counter for convenience. A minimum of 3 data outlets and 3 voice outlets shall be provided in the small, and 5 in the medium and large. These electrical and data outlets shall be located evenly spaced along the reception counter, and are in addition to the wall outlets required by code. If outlets are provided on the wall opposite of the reception desk, in the public area, these outlets shall be hospital grade, tamper resistant, safety electrical outlets mounted standard height.

9. SPACE: Staff Toilet/ First Aid

FUNCTIONAL DESCRIPTION: Toilet for staff and sick children. Space also functions as a first aid station to provide care for sick or injured children.

OCCUPANTS: Staff and sick children.

MINIMUM FLOOR AND BASE CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include slip resistance, abrasion resistance, easy to clean, maintain and repair and with smooth seamless finish resistant to materials conducive to bacterial growth.

MINIMUM WALL CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include ease of cleaning, maintenance and repair. Surface shall be water resistant for easy wiping.

MINIMUM CEILING CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include good sound absorbing characteristics, durable materials, low maintenance, easy to repair, and with easy access to mechanical system above ceiling.

DOORS/FRAME: Salient characteristics include ease of cleaning, maintenance and repair. Provide one 3 foot by 7 foot solid core wood door with locking mechanism that allows the door to be opened from the inside while locked. The metal frame shall be painted and wood doors to be stained.

ACOUSTICAL: Materials shall be acoustically designed for privacy.

HVAC: Local exhaust vent above toilet.

PLUMBING: Install floor drain that is self priming, or designed to prevent sewer gases from entering the occupied space by a proven and maintenance-free design. The water closet rim shall be at 15 inches from finished floor and the lavatory shall be mounted with rim height at 34 inches from finish floor.

ELECTRICAL: Install a minimum of one GFI Outlet.

10. SPACE: Directors Office

FUNCTIONAL DESCRIPTION: Office for the Director

OCCUPANTS: One to two staff member(s), plus visitors.

MINIMUM FLOOR AND BASE CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include resistance to slipping and ease of cleaning, maintenance and repair with sound absorbing qualities and warm soft texture.

MINIMUM WALL CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include ease of cleaning, maintenance and repair.

MINIMUM CEILING CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include good sound absorbing characteristics, durable materials, low maintenance, easy to repair, and with easy access to mechanical system above ceiling.

INTERIOR VIEW WINDOWS: Salient characteristics include ease of cleaning, maintenance and repair. Provide a minimum of (1) 3' by 4' windows with tempered glazing and metal, wood, or aluminum frames.

DOORS/FRAME: Salient characteristics include ease of cleaning, maintenance and repair. Provide one 3 foot by 7 foot solid core wood door with locking mechanism that allows the door to be opened from the inside while locked. The metal frame shall be painted and wood doors to be stained.

ACOUSTICAL: Wall structure shall be designed to isolate this area from adjacent activity which may create high noise levels and to provide privacy for personal meetings with parents and staff.

ELECTRICAL: Data outlets and electrical outlets on each wall - install Intercom system.

11. SPACE: Training Room

FUNCTIONAL DESCRIPTION: To facilitate training/distance learning by direct care staff.

OCCUPANTS: Program Assistants and Trainer(s)

MINIMUM FLOOR AND BASE CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include slip resistance, abrasion resistance, easy to clean, maintain and repair.

MINIMUM WALL CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include ease of cleaning, maintenance and repair. Surface shall be water resistant for easy wiping.

MINIMUM CEILING CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include good sound absorbing characteristics, durable materials, low maintenance, easy to repair, and with easy access to mechanical system above ceiling.

DOORS/FRAME: Salient characteristics include ease of cleaning, maintenance and repair. Provide one 3 foot by 7 foot solid core wood door with locking mechanism that allows the door to be opened from the inside while locked. The metal frame shall be painted and wood doors to be stained.

ACOUSTICAL: Wall structure shall be designed to isolate this area from adjacent activity which may create high noise levels.

CABINETS: The contractor is not required to provide or install cabinets for computer work stations. A work station layout is shown on the plans only as a recommendation of how the space can be used.

CLOSET: Construct one closet as shown on the floor plan with solid core door as described above.

ELECTRICAL SPECIAL REQUIREMENTS: Minimum of 6 data outlets and 6 quad electrical outlets evenly spaced throughout the room; Intercom and cable TV.

12. SPACE: Staff Lounge

FUNCTIONAL DESCRIPTION: Staff break area with individual lockable storage area for staff to secure belongings within lounge. Lounge will be adjacent to Staff Training.

OCCUPANTS: Staff

MINIMUM FLOOR AND BASE CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include slip resistance, abrasion resistance, easy to clean, maintain and repair.

MINIMUM WALL CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include ease of cleaning, maintenance and repair. Surface shall be water resistant for easy wiping.

MINIMUM CEILING CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include good sound absorbing characteristics, durable materials, low maintenance, easy to repair, and with easy access to mechanical system above ceiling.

DOORS/FRAME: Salient characteristics include ease of cleaning, maintenance and repair. Provide one 3 foot by 7 foot solid core wood door with locking mechanism that allows the door to be opened from the inside while locked. The metal frame shall be painted and wood doors to be stained.

ACOUSTICAL: Wall structure shall be designed to isolate this area from adjacent activity which may create high noise levels.

CABINETS: Mandatory Requirements: 8 foot long base and upper wall cabinets with one stainless steel sink, space for refrigerator and solid surface polymer countertop.

CLOSET: Construct one closet as shown on the floor plan with solid core door as described above.

ELECTRICAL: Receptacles for refrigerator, coffeemaker, appliances and microwave; Intercom. Provide intercom, 2 data ports and hook-up for Cable TV.

PLUMBING: Provide water for ice maker for an 18 cubic foot refrigerator.

SPECIAL REQUIREMENTS: Install Z style lockable lockers rigidly attached to the wall. Lockers shall be 15"W x 15"D with the overall height to be 72". The lockers shall have a metal slopping top to minimize dust collection.

24 lockers for the large facility

20 lockers for the medium facility

16 lockers for the small facility

13. SPACE: Video Monitor Room

FUNCTIONAL AREA: CCTV video monitoring system to deter and reduce the risk of child abuse and protect staff from unwarranted allegations of abuse.

OCCUPANTS: Staff.

MINIMUM FLOOR AND BASE CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include slip resistance, abrasion resistance, easy to clean, maintain and repair.

MINIMUM WALL CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include ease of cleaning, maintenance and repair.

MINIMUM CEILING CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include good sound absorbing characteristics, durable materials, low maintenance, easy to repair, and with easy access to mechanical system above ceiling.

DOORS/FRAME: Salient characteristics include ease of cleaning, maintenance and repair. Provide one 3 foot by 7 foot solid core wood door with locking mechanism that allows the door to be opened from the inside while locked. The metal frame shall be painted and wood doors to be stained.

HVAC: Supply cool, conditioned air to space for heat generating equipment.

ADDITIONAL INFORMATION: The building construction contractor provides the conduit, boxes and power to the camera location indicated on your standard layout. FMWRC-CYS coordinates the installation of the CYS VSS to include installing cameras, head-end unit and other equipment for the operation of the video security system. The Navy (SPAWARS) contracts to have the system installed just after the building is turned over. Installation typically takes around 4 weeks, and is usually done during non-use hours (at night).

14. SPACE: Staff & Public HC Toilet

FUNCTIONAL DESCRIPTION: Toilet area for staff, visitors and parents. This room must be separate from those used by children. In addition this room shall comply with adult ADA requirements.

OCCUPANTS: Staff and visitors

MINIMUM FLOOR AND BASE CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include resistance to slipping, smooth, non porous, durable, hard surface resistant to scrapes and stains and easy to clean.

MINIMUM WALL CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include must be easy to clean and maintain, and must be durable. On all walls, a minimum 48" tall wainscot is required that is impervious to water and be able to withstand daily sanitizing.

MINIMUM CEILING CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include good sound absorbing characteristics, durable materials, low maintenance, easy to repair, and with easy access to mechanical system above ceiling.

DOORS/FRAME: Salient characteristics include ease of cleaning, maintenance and repair. Provide one 3 foot by 7 foot solid core wood door with locking mechanism that allows the door to be opened from the inside while locked. The metal frame shall be painted and wood doors to be stained.

HVAC: Local exhaust vent above toilet.

PLUMBING: A floor drain is required in this area that must be self priming, or designed to prevent sewer gases from entering the occupied space by a proven and maintenance-free design.

SPECIAL FEATURES: Room to be provided with wall mounted fold-down diaper changing shelf.

15. SPACE: Kitchen

FUNCTIONAL DESCRIPTION: Commercial grade facility designed for use by staff to meet the food service needs of school-age children in accordance with the United States Department of Agriculture and Preventive Medicine Regulations.

OCCUPANTS: Cook and Staff

MINIMUM FLOOR AND BASE CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include resistance to slipping, durable, and hard surface resistant to scrapes and stains and easy to clean. Recommend a 6" x 6" raised diamond pattern quarry tile with epoxy grout.

MINIMUM WALL CONSTRUCTION/SURFACE PERFORMANCE: (a) Walls and ceiling (including doors, windows, skylights, and similar closures) of all areas where food establishment operations are conducted (including walk-in refrigeration units, will be designed, constructed, and installed so they are:

- 1) Smooth with smooth junctures
- 2) Nonabsorbent
- 3) Durable
- 4) Light-colored
- 5) Easily cleanable (sealed ceramic tile, or other approved material)
 - (b) Binding cement, mortar, or grout(epoxy) jointed materials will be waterproof, grease proof, and erosion resistant.
 - (c) Gypsum wallboard or similar previous material will not be used.
 - 1) On steel studs in food preparation, serving, storage, self-serving areas, where washing, and pot and pan washing areas, toilet areas, or other areas subject to water damage or high humidity.
 - 2) In areas used by mobile food service equipment
 - (d) Water-resistant gypsum wallboard protected by a cement backer board or green board and ceramic tile may be used to sheath stud walls.
 - (e) Except in areas used only for dry storage, concrete, porous blocks, or bricks used for indoor wall construction will be finished and sealed to provide a smooth, nonabsorbent, easily cleanable surface.
 - (f) Acoustical materials used in areas exposed to grease or high humidity will be constructed and installed to provide a reasonably nonabsorbent, easily cleanable surface. These materials require periodic replacement to maintain Sanitary standards.
 - (g) Exposed corners of glazed structural units, concrete masonry unit partitions, and columns subject to damage from portable food service equipment shall be protected through use of corner protective guards. These guards should extend at least 72 in(180 cm) above the finished floor.

MINIMUM CEILING CONSTRUCTION/SURFACE PERFORMANCE: Salient

characteristics include easy to clean, ease of accessibility to mechanical system above ceiling and ease of repair. Aluminum Acoustical Ceiling Grid with the size not exceeding 2 feet by 2 feet and supporting 5/8" vinyl faced gypsum panels. Minimum ceiling height is 8 feet.

KITCHEN PASS-THRU WINDOWS: Provide two 3' wide single (vertical sash style) aluminum, exterior type pass through windows for the openings between the kitchen and demo kitchen. No track on the bottom/counter. These windows are provided to restrict the passage of smoke. No roll up, side sliding or hinged windows.

DOORS/FRAME: Salient characteristics include ease of cleaning, maintenance and repair. Provide one 3 foot by 7 foot solid core wood door with locking mechanism that allows the door to be opened from the inside while locked. The metal frame shall be painted and wood doors to be stained. Exterior door from the kitchen leading to the service entrance shall be equipped with an air curtain. No hold open device is required for any of the kitchen doors.

ACOUSTICAL: Materials shall be designed to baffle or absorb excessive sound generated within this area.

HVAC: Two ventilation exhaust hoods are required. One condensation hood over the dishwashing machine, and one over the cooking equipment. Ensure adequate make up air is provided. **Mandatory Mechanical Requirements:** Utility connections for Commercial Kitchen Equipment in this space as per plan. Kitchen Equipment Exhaust Hood, Dedicated Make-up Air, and fire suppression system in accordance with NFPA 96 and ACGIH-2092D

PLUMBING: International Plumbing & Fuel Gas Codes, National Fire Protection Association (NFPA) Codes, ACGIH-2092D Industrial Ventilation will govern the minimum requirements for this space. Hot and cold water must be provided for 3 compartment ware washing sink, 2 compartment food preparation sink, 2 each hand washing sinks, cart washing area, dishwasher, convection steamers, 2 booster heaters, garbage grinder, and garbage disposal. Water must be provided for a commercial icemaker. A minimum of 4 Floor drains, to include floor sinks, must be provided. The requirements for the grease traps will be determined by the DPW and located near the kitchen as required by local building codes. Grease traps will not be located in this facility without the written approval of the MEDCEN/MEDDAC Commander.

ELECTRICAL: In addition to electrical requirements for kitchen equipment, electrical outlet and data port to be provided to accommodate a computer in kitchen for placing food orders on-line. An intercom phone system and a Class A phone are required. Install fluorescent lighting fixtures that will allow an accurate assessment of food coloration.

SPECIAL REQUIREMENTS: A dry storage area with shelving for food to be incorporated within the kitchen area. An appropriate transition from the kitchen (such as bull-nose) shall be installed. Kitchen equipment shall be commercial equipment, NSF approved. This will require compliance with all NFPA documents, to include 96.

BASE CABINETS: See the kitchen plan for the location of stainless steel equipment and counter tops.

16. SPACE: Dry Food Storage

FUNCTIONAL DESCRIPTION: Storage for dry food goods.

OCCUPANTS: Cook and Staff

MINIMUM FLOOR AND BASE CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include resistance to slipping, durable, and hard surface resistant to scrapes and stains and easy to clean.

MINIMUM WALL CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include ease of cleaning, maintenance and repair. Surface shall be water resistant for easy wiping.

MINIMUM CEILING CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include good sound absorbing characteristics, impervious to moisture, durable materials, low maintenance, easy to repair, and with easy access to mechanical system above ceiling.

DOORS/FRAME: Salient characteristics include ease of cleaning, maintenance and repair. Provide one 3 foot by 7 foot solid core wood door with half vision-lite and metal frame with lockable hardware. Lockable hardware is a mandatory item for this door and door shall be fitted with locking mechanism that allows the door to be opened from the inside while the door is locked.

17. SPACE: Walk in Cooler

FUNCTIONAL DESCRIPTION: Cold storage for food goods. The cooler may be built in or free standing.**OCCUPANTS:** Cook and Staff

MINIMUM FLOOR AND BASE CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include resistance to slipping, durable, and hard surface resistant to scrapes and stains and easy to clean.

MINIMUM WALL CONSTRUCTION/SURFACE PERFORMANCE: As recommended by the manufacturer.

MINIMUM CEILING CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include good sound absorbing characteristics, impervious to moisture, durable materials, low maintenance, easy to repair, and with easy access to mechanical system above ceiling.

DOORS/FRAME: As recommended by the manufacturer.

18. SPACE: Male Toilet 1

FUNCTIONAL DESCRIPTION: Toilet area for children. Signage to say “Boys”.

OCCUPANTS: School age boys.

MINIMUM FLOOR AND BASE CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include resistance to slipping, smooth, non porous, durable, hard surface resistant to scrapes and stains and easy to clean.

MINIMUM WALL CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include must be easy to clean and maintain, and must be durable. On all walls, a minimum 48” tall wainscot is required that is impervious to water and be able to withstand daily sanitizing.

MINIMUM CEILING CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include good sound absorbing characteristics, durable materials, low maintenance, easy to repair, and with easy access to mechanical system above ceiling.

DOORS/FRAME: No doors in this area. Provide airport style entry to block visibility into room but allow staff to monitor by listening.

ACOUSTICAL: Materials shall be designed to baffle or absorb excessive sound generated within this area.

HVAC: Local exhaust vent above water closets.

TOILET PARTITIONS: Floor mounted, overhead braced or ceiling hung, solid plastic partitions/urinal screens shall be installed.

PLUMBING: Floor-mounted toilets to be mounted with rim at 14”-15”, to include the ADA toilet for this age group. Lavatories to be wall-mounted. One lavatory to be mounted at ADA height for this age group. Remaining lavatories to be mounted at 27” above finished floor. A floor drain is required in this area that must be self priming, or designed to prevent sewer gases from entering the occupied space by a proven and maintenance-free design. Two child height urinals are required in the toilet room with one urinal with the rims mounted at 11 inches from the finished floor. For the sinks in the toilet area (NOT the sinks in the food prep/arts and crafts area), faucets shall be pre-mixed single push control that meets ADA requirements. Water shall run for 15 seconds. Install unbreakable mirrors above all lavatories.

19. SPACE: Male Toilet 2 (Medium & Large facilities)

FUNCTIONAL DESCRIPTION: Toilet area for children. Signage to say "Boys".

OCCUPANTS: School age boys.

MINIMUM FLOOR AND BASE CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include resistance to slipping, smooth, non porous, durable, hard surface resistant to scrapes and stains and easy to clean.

MINIMUM WALL CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include must be easy to clean and maintain, and must be durable. On all walls, a minimum 48" tall wainscot is required that is impervious to water and be able to withstand daily sanitizing.

MINIMUM CEILING CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include good sound absorbing characteristics, durable materials, low maintenance, easy to repair, and with easy access to mechanical system above ceiling.

DOORS/FRAME: No doors in this area. Provide airport style entry to block visibility into room but allow staff to monitor by listening.

ACOUSTICAL: Materials shall be designed to baffle or absorb excessive sound generated within this area.

HVAC: Local exhaust vent above water closets.

TOILET PARTITIONS: Floor mounted, overhead braced or ceiling hung, solid plastic partitions/urinal screens shall be installed.

PLUMBING: Floor-mounted toilets to be mounted with rim at 14"-15", to include the ADA toilet for this age group. Lavatories to be wall-mounted. One lavatory to be mounted at ADA height for this age group. Remaining lavatories to be mounted at 27" above finished floor. A floor drain is required in this area that must be self priming, or designed to prevent sewer gases from entering the occupied space by a proven and maintenance-free design. One child height urinals are required in the toilet room with one urinal with the rims mounted at 11 inches from the finished floor. For the sinks in the toilet area (not the sinks in the food prep/arts and crafts area), faucets shall be pre-mixed single push control that meets ADA requirements. Water shall run for 15 seconds. Install unbreakable mirrors above all lavatories.

20. SPACE: Female Toilet 1

FUNCTIONAL DESCRIPTION: Toilet area for children. Signage to say “Girls”.

OCCUPANTS: School age girls.

MINIMUM FLOOR AND BASE CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include resistance to slipping, smooth, non porous, durable, hard surface resistant to scrapes and stains and easy to clean.

MINIMUM WALL CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include must be easy to clean and maintain, and must be durable. On all walls, a minimum 48” tall wainscot is required that is impervious to water and be able to withstand daily sanitizing.

MINIMUM CEILING CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include good sound absorbing characteristics, durable materials, low maintenance, easy to repair, and with easy access to mechanical system above ceiling.

DOORS/FRAME: No doors in this area. Provide airport style entry to block visibility into room but allow staff to monitor by listening.

ACOUSTICAL: Materials shall be designed to baffle or absorb excessive sound generated within this area.

HVAC: Local exhaust vent above toilet.

PLUMBING: Floor-mounted toilets to be mounted with rim at 14”-15”, to include the ADA toilet for this age group. Lavatories to be wall-mounted. One lavatory to be mounted at ADA height for this age group. Remaining lavatories to be mounted at 27” above finished floor. A floor drain is required in this area that must be self priming, or designed to prevent sewer gases from entering the occupied space by a proven and maintenance-free design. For the sinks in the toilet area (not the sinks in the food prep/arts and crafts area), faucets shall be pre-mixed single push control that meets ADA requirements. Water shall run for 15 seconds. Install unbreakable mirrors above all lavatories.

21. SPACE: Female Toilet 2 (Medium & Large facilities)

FUNCTIONAL DESCRIPTION: Toilet area for children. Signage to say “Girls”.

OCCUPANTS: School age girls.

MINIMUM FLOOR AND BASE CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include resistance to slipping, smooth, non porous, durable, hard surface resistant to scrapes and stains and easy to clean.

MINIMUM WALL CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include must be easy to clean and maintain, and must be durable. On all walls, a minimum 48” tall wainscot is required that is impervious to water and be able to withstand daily sanitizing.

MINIMUM CEILING CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include good sound absorbing characteristics, durable materials, low maintenance, easy to repair, and with easy access to mechanical system above ceiling.

DOORS/FRAME: No doors in this area. Provide airport style entry to block visibility into room but allow staff to monitor by listening.

ACOUSTICAL: Materials shall be designed to baffle or absorb excessive sound generated within this area.

HVAC: Local exhaust vent above toilet.

PLUMBING: Floor-mounted toilets to be mounted with rim at 14”-15”, to include the ADA toilet for this age group. Lavatories to be wall-mounted. One lavatory to be mounted at ADA height for this age group. Remaining lavatories to be mounted at 27” above finished floor. A floor drain is required in this area that must be self priming, or designed to prevent sewer gases from entering the occupied space by a proven and maintenance-free design. For the sinks in the toilet area (NOT the sinks in the food prep/arts and crafts area), faucets shall be pre-mixed single push control that meets ADA requirements. Water shall run for 15 seconds. Install unbreakable mirrors above all lavatories.

22. SPACE: Janitor Closet

FUNCTIONAL DESCRIPTION: Space to store janitor's equipment and cleaning supplies.

MINIMUM FLOOR AND BASE CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include resistance to slipping and ease of cleaning, maintenance and repair. Room is not accessible to staff or patrons therefore an economical utilitarian finish is suitable.

MINIMUM WALL CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include ease of cleaning, maintenance and repair. Surface shall be water resistant for easy wiping.

MINIMUM CEILING CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include good sound absorbing characteristics, durable materials, low maintenance, easy to repair, and with easy access to mechanical system above ceiling.

DOORS/FRAME: : Salient characteristics include ease of cleaning, maintenance and repair. Provide one 3 foot by 7 foot solid core wood door with half vision-lite and metal frame. Door shall be fitted with locking mechanism that allows the door to be opened from the inside while the door is locked.

HVAC: Local exhaust vent required.

PLUMBING: A janitor floor sink with back flow prevention is required. Self Priming Floor drain is required in this area.

SPECIAL REQUIREMENTS: Adjustable shelves will be provided on at least one wall. A wall hung mop rack shall be installed.

23. SPACE: Supply Storage

FUNCTIONAL DESCRIPTION: General storage for office supplies or chairs and tables.

OCCUPANTS: Staff

MINIMUM FLOOR AND BASE CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include slip resistance, abrasion resistance, easy to clean, maintain and repair.

MINIMUM WALL CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include ease of cleaning, maintenance and repair. Surface shall be water resistant for easy wiping.

MINIMUM CEILING CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include good sound absorbing characteristics, durable materials, low maintenance, easy to repair, and with easy access to mechanical system above ceiling.

DOORS/FRAME: Salient characteristics include ease of cleaning, maintenance and repair. Install one pair of 3 foot by 7 foot solid core wood door with half vision-lite and metal frame. The door shall be fitted with locking mechanism that allows the door to be opened from the inside while the door is locked.

ELECTRICAL: A minimum of one duplex outlet shall be installed in this room.

24. SPACE: Laundry

FUNCTIONAL DESCRIPTION: Area for one residential grade washer and dryer. Vent to the exterior.

OCCUPANTS: Staff

MINIMUM FLOOR AND BASE CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include resistance to slipping, durable, and hard surface resistant to scrapes and stains and easy to clean.

MINIMUM WALL CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include ease of cleaning, maintenance and repair. Interior walls separating this room from the remaining building shall have a one hour fire rating.

MINIMUM CEILING CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include good sound absorbing characteristics, durable materials, low maintenance, easy to repair, and with easy access to mechanical system above ceiling.

DOORS/FRAME: Salient characteristics include ease of cleaning, maintenance and repair. Provide one 3 foot by 7 foot solid core wood door with half lite and locking mechanism that allows the door to be opened from the inside while locked. The metal frame shall be painted and wood doors to be stained. Door and frame shall be 45 minute fire rated.

ACOUSTICAL: Materials shall be designed to baffle or absorb excessive sound generated within this area.

PLUMBING: Floor Drain, Hot & Cold water connections for Laundry Tub and Residential Clothes Washer and Gas connection for Residential Clothes Dryer. Install waste water as required by building codes. Install a self priming floor drain.

SPECIAL REQUIREMENTS: Dryer vents shall be individually and directly vented to the outside.

FIRE RATING: All wall and ceiling systems shall be 1 hour rated.

CABINET: Base cabinet with sink and wall hung cabinet above. Salient features include ease of cleaning, maintenance and repair with hard and smooth surface. Cabinets will be high end/quality plywood (particle board is not acceptable). Countertops shall be solid surface polymer, 36" high. Install wall storage cabinets above the washer and dryer.

25. SPACE: Multi-Purpose Room

FUNCTIONAL DESCRIPTION: Will dual function as an area for skill building clinics, fitness activities and team events or as two activity rooms when needed. The Army Sport and Fitness Programming element will be emphasized. Space will be large enough to accommodate basketball, volleyball, sports clinics and non-competitive physical activities.

OCCUPANTS: School age children and Program Assistants.

MINIMUM FLOOR AND BASE CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include slip resistance, abrasion resistance, minimal seams, easy to clean, maintain and repair. Floor must be suitable for serving food and beverages and acceptable for multiple activities, which include basketball, volley ball and roller skating. Install flush receptacles for insertion of volleyball stanchions with covers when not in use.

MINIMUM WALL CONSTRUCTION/SURFACE PERFORMANCE: Structural wall of the surface with hard, durable and easily cleaned surface. Walls separating this room from the remaining building shall have a one hour rating and extend to the bottom of the roof deck.

MINIMUM CEILING CONSTRUCTION/SURFACE PERFORMANCE: Exposed Structure.

INTERIOR VIEW WINDOWS: Provide two 3' wide by 4' high windows with appropriate glazing and metal frames in wall between Atrium and Multi-purpose Room. These windows shall meet NFPA 80 requirements. (Wire glass shall not be allowed)

INTERIOR CLERESTORY WINDOWS: Install clearstory windows with security laminated glass to provide natural light in the Multi-Purpose Room. Natural lighting is mandatory for this space and no stand alone design of artificial lighting will be accepted. Install glass blocks or Kalwall for glazing, direct sunlight is not encouraged for this space.

DOORS/FRAME: Salient characteristics include ease of cleaning, maintenance and repair, ability to withstand continuous use and compliance to building codes.

Interior Doors: A minimum of two pair of 3 foot wide by 7 foot tall wood doors with a maximum 100 square inch vision-lite, and metal frames. Install one pair of 4 foot wide by 7 foot tall doors directly to the Storage and Issue Room. All interior doors and frames located in the one hour fire rated wall shall be 45 minute fire rated.

Exterior Doors: Provide two pairs of 3 foot by 7 insulated hollow metal exterior doors, with self-closers, in metal frames

ACOUSTICAL: Provide acoustical treatment to baffle or absorb excessive sound generated within this area.

HVAC: Dedicated HVAC unit for this space.

SPECIAL LIGHTING: (HID) fixtures are not REQUIRED. Lighting selected shall be identified as suitable for the intended use and lighting design shall meet IESNA recommendations for Basketball Sports-Lighting, Class III (Class of Play). Fixtures with 80% direct and 20% indirect lighting are preferred. Protect luminaries with wire cages and/or provide appropriate shatterproof enclosed luminaries. Switching for lighting

control shall provide different lighting options to take into account natural lighting and different activities (such as volleyball, etc.) Lighting control shall be located in a controlled area to avoid accidental and unauthorized switching.” Install tamper proof light switches to prevent Multipurpose Room light from being turned off.

SPECIAL MULTI-PURPOSE ROOM REQUIREMENTS:

- (a)** Electrically operated drop divider curtain to divide the room in half. Top part of curtain to be an open weave to allow for ventilation, lighting, visibility, etc. The curtain shall be raised and lowered with an electric winch. The curtain shall be operated with a spring loaded momentary key switch which requires the person operating it to maintain a constant pressure on the switch until it is raised or lowered to its proper position. The switch shall be located to full view of the curtain to the operator.
- (b)** Provide a 5' high unbreakable mirror that covers approximately 50% the length of one half of the room, so when the hanging divider curtain is lowered, the mirror will be on one side but not the other.
- (c)** Unobstructed clear height of 20 foot, from the finish floor, shall be maintained for this room.

26. SPACE: Multi-Purpose Room Toilets (1 Boy and 1 Girl)

FUNCTIONAL DESCRIPTION: Toilet area.

OCCUPANTS: One child or parent in each.

MINIMUM FLOOR AND BASE CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include resistance to slipping, smooth, non porous, durable, hard surface resistant to scrapes and stains and easy to clean.

MINIMUM WALL CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include must be easy to clean and maintain, and must be durable. On all walls, a minimum 48" tall wainscot is required that is impervious to water and be able to withstand daily sanitizing.

MINIMUM CEILING CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include good sound absorbing characteristics, durable materials, low maintenance, easy to repair, and with easy access to mechanical system above ceiling.

DOORS/FRAME: Salient characteristics include ease of cleaning, maintenance and repair. Provide one 3 foot by 7 foot solid core wood door with locking mechanism that allows the door to be opened from the inside while locked. The metal frame shall be painted and wood doors to be stained.

HVAC: Local exhaust vent above toilet.

PLUMBING: Floor-mounted toilet to be mounted with rim at 14"-15"(child ADA height) Lavatory to be wall-mounted at 27" above the floor. A floor drain is required in this area that must be self priming, or designed to prevent sewer gases from entering the occupied space by a proven and maintenance-free design. For the sinks in the toilet area (not the sinks in the food prep/arts and crafts area), faucets shall be pre-mixed single push control that meets ADA requirements. Water shall run for 15 seconds. Install unbreakable mirrors above all lavatories.

SPECIAL FEATURES: Each room to be provided with a wall mounted fold-down diaper changing shelf.

27. SPACE: Multi-Purpose Room Storage

FUNCTIONAL DESCRIPTION: Storage room adjacent to the multi-purpose room used to store playground equipment.

OCCUPANTS: Staff

MINIMUM FLOOR AND BASE CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include resistance to slipping and ease of cleaning, maintenance and repair.

MINIMUM WALL CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include ease of cleaning, maintenance and repair.

MINIMUM CEILING CONSTRUCTION/SURFACE PERFORMANCE: Exposed Structure

DOORS/FRAME: Salient characteristics include ease of cleaning, maintenance and repair. Provide one 3 foot by 7 foot solid core wood door with a half vision lite and locking mechanism that allows the door to be opened from the inside while locked.

The metal frame shall be painted and wood doors to be stained. For medium and large facility install one 3foot by 7 foot hollow metal door and frame with a half vision lite.

ELECTRICAL: A minimum of one duplex outlet shall be installed in the space.

28. SPACE: Storage & Issue

FUNCTIONAL DESCRIPTION: Space for storage of program material.

OCCUPANTS: Staff

MINIMUM FLOOR AND BASE CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include resistance to slipping and ease of cleaning, maintenance and repair.

MINIMUM WALL CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include ease of cleaning, maintenance and repair.

MINIMUM CEILING CONSTRUCTION/SURFACE PERFORMANCE: Exposed Structure

DOORS/FRAME: Salient characteristics include ease of cleaning, maintenance and repair. **Interior Door:** Install one pair of 4 foot wide by 8 foot high hollow metal doors with half vision-lite and hollow metal frame in wall between Multi-Purpose Room and Storage and Issue. This door shall be fitted with a locking mechanism that allows the door to be opened from the inside while the door is locked.

Exterior Doors: Provide one 3 foot wide by 7 foot tall insulated hollow metal door with half glass panel in hollow metal frame leading from the cage area. Install one pair of 4 foot wide by 8 foot tall hollow metal doors and frame with half vision lite leading directly to the exterior.

SPECIAL FEATURE: Cage for equipment for outdoor activities (Min. 13' x 7'), made up of heavy duty galvanized chain link wire fabric system, which shall extend from the floor to approximately 10' high.

29. SPACE: Arts & Science Activity Room

FUNCTIONAL DESCRIPTION: A group area for arts, crafts, science and hobbies.

OCCUPANTS: School age children and Program Assistants.

MINIMUM FLOOR AND BASE CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include slip resistance, abrasion resistance, easy to clean, maintain and repair.

MINIMUM WALL CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include ease of cleaning, maintenance and repair. Surface shall be water resistant for easy wiping.

MINIMUM CEILING CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include good sound absorbing characteristics, durable materials, low maintenance, easy to repair, and with easy access to mechanical system above ceiling.

INTERIOR VIEW WINDOWS: Salient characteristics include ease of cleaning, maintenance and repair. Provide a minimum of (2) 3' by 4' windows with tempered glazing and metal or aluminum frames.

DOORS/FRAME: Salient characteristics include ease of cleaning, maintenance and repair, ability to withstand continuous use, and compliance to building codes. **Interior Door:** One 3 foot wide by 7 foot tall wood with half vision-lite and metal frame. If the interior door is lockable, the door shall be fitted with a locking mechanism that allows the door to be opened from the inside while the door is locked.

Exterior Door: One 3 foot by 7 foot insulated hollow metal exterior door with half glass and metal frame with a rating of heavy duty.

ACOUSTICAL: Wall structure shall be designed to isolate this area from adjacent activity which may create high noise levels.

PLUMBING: A 2-well stainless steel sink with goose neck faucet and plaster trap must be installed in the cabinet. Install a floor drain near the cabinets plaster trap and sinks. Install a floor drain near the work cabinets to collect water spills. A floor drain is required in this area that must be self priming, or designed to prevent sewer gases from entering the occupied space by a proven and maintenance-free design.

ELECTRICAL: Install 2 Data Ports. Provide wall mounted duplex outlets 4 feet on center mounted 18" AFF, with not less than one duplex outlet mounted on walls less than 5 feet long. Install two outlets above the base cabinet backsplash.

CABINET: 15' base cabinet with sink and wall hung cabinet above. Salient features include ease of cleaning, maintenance and repair with hard and smooth surface. Cabinets will be high end/quality plywood (particle board is not acceptable). Countertops shall be solid surface polymer, 30" high.

30. SPACE: Performing Arts Activity Room

FUNCTIONAL DESCRIPTION: A group training area in the performing arts. Activities will include performing arts, drama, and skill building.

OCCUPANTS: School age children and Program Assistants.

MINIMUM FLOOR AND BASE CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include appropriate for dance and other aerobic activity. Proper cushioning for the floor system must be provided.

MINIMUM WALL CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include ease of cleaning, maintenance and repair. Surface shall be water resistant for easy wiping.

MINIMUM CEILING CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include good sound absorbing characteristics, durable materials, low maintenance, easy to repair, and with easy access to mechanical system above ceiling.

INTERIOR VIEW WINDOWS: Salient characteristics include ease of cleaning, maintenance and repair. Provide a minimum of (2) 3' by 4' windows with tempered glazing and metal or aluminum frames.

DOORS/FRAME: Salient characteristics include ease of cleaning, maintenance and repair, ability to withstand continuous use, and compliance to building codes. **Interior Door:** One 3 foot wide by 7 foot tall wood with half vision-lite and metal frame. If the interior door is lockable, the door shall be fitted with a locking mechanism that allows the door to be opened from the inside while the door is locked. **Exterior Door:** One 3 foot by 7 foot insulated hollow metal exterior door with half glass panel in metal frame with a rating of heavy duty.

ACOUSTICAL: Materials shall be designed to baffle or absorb excessive sound generated within this area.

ELECTRICAL: Install cable TV and 2 Data Ports. Install wall mounted duplex outlets 4 feet on center mounted 18" AFF, with not less than one duplex outlet mounted on walls less than 5 feet long.

SPECIAL REQUIREMENTS: Provide for a 5' high unbreakable mirror to run 75-100% of the South Wall.

31. SPACE: Activity Room 1

FUNCTIONAL DESCRIPTION: A multiple use area for functions such as group meetings, clubs and skill building classes, etc.

OCCUPANTS: School age children and Program Assistants.

MINIMUM FLOOR AND BASE CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include slip resistance, abrasion resistance, easy to clean, maintain and repair.

MINIMUM WALL CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include ease of cleaning, maintenance and repair. Surface shall be water resistant for easy wiping.

MINIMUM CEILING CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include good sound absorbing characteristics, durable materials, low maintenance, easy to repair, and with easy access to mechanical system above ceiling.

INTERIOR VIEW WINDOWS: Salient characteristics include ease of cleaning, maintenance and repair. Provide a minimum of (2) 3' by 4' windows with tempered glazing and metal or aluminum frames.

DOORS/FRAME: Salient characteristics include ease of cleaning, maintenance and repair, ability to withstand continuous use, and compliance to building codes. **Interior Door:** One 3 foot wide by 7 foot tall wood door with half vision-lite and metal frame. If the interior door is lockable, the door shall be fitted with a locking mechanism that allows the door to be opened from the inside while the door is locked. **Exterior Door:** One 3 foot by 7 foot insulated hollow metal exterior door with half glass panel in a metal frame with rating of heavy duty.

ACOUSTICAL: Materials shall be designed to baffle or absorb excessive sound generated within this area.

ELECTRICAL: Install 2 Data Ports. Provide wall mounted duplex outlets 4 feet on center mounted 18" AFF, with not less than one duplex outlet mounted on walls less than 5 feet long.

32. SPACE: Homework Center (Medium & Large)

FUNCTIONAL DESCRIPTION: This area serves as an integral part of the Mentoring, Intervention and Education Support Service component of the Army. It will provide a flexible environment conducive to learning that does not replicate a rigid “Classroom” atmosphere. Area will be used for tutoring and mentoring services as well as a quiet area to read books and magazines.

OCCUPANTS: School age children and Program Assistants.

MINIMUM FLOOR AND BASE CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include slip resistance, abrasion resistance, easy to clean, maintain and repair.

MINIMUM WALL CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include ease of cleaning, maintenance and repair. Surface shall be water resistant for easy wiping.

MINIMUM CEILING CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include good sound absorbing characteristics, durable materials, low maintenance, easy to repair, and with easy access to mechanical system above ceiling.

INTERIOR VIEW WINDOWS: Salient characteristics include ease of cleaning, maintenance and repair. Provide a minimum of (2) 3’ by 4’ windows with tempered glazing and metal or aluminum frames.

DOORS/FRAME: Salient characteristics include ease of cleaning, maintenance and repair, ability to withstand continuous use, and compliance to building codes. **Interior Door:** One 3 foot wide by 7 foot tall wood door with half vision-lite and metal frame. If the interior door is lockable, the door shall be fitted with a locking mechanism that allows the door to be opened from the inside while the door is locked.

Exterior Door: One 3 foot by 7 foot insulated hollow metal exterior door with half glass panel in a metal frame with rating of heavy duty.

ACOUSTICAL: Wall structure shall be designed to isolate this area from adjacent activity which may create high noise levels

ELECTRICAL: Install 6 Data Ports and electrical outlets at every 8 foot.

33. SPACE: Secure Storage Room

FUNCTIONAL DESCRIPTION: Room adjacent to Computer Homework Lab

OCCUPANTS: Program Assistants

MINIMUM FLOOR AND BASE CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include resistance to slipping and ease of cleaning, maintenance and repair with sound absorbing qualities and warm soft texture, to match Computer Lab.

MINIMUM WALL CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include ease of cleaning, maintenance and repair. Surface shall be water resistant for easy wiping.

MINIMUM CEILING CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include good sound absorbing characteristics, durable materials, and low maintenance, easy to repair, and with easy access to mechanical system above ceiling.

DOORS/FRAME: Salient characteristics include ease of cleaning, maintenance and repair. **Interior Door:** One 3 foot wide by 7 foot tall wood door with half vision-lite and metal frame. The interior door shall be lockable and fitted with a locking mechanism that allows the door to be opened from the inside while the door is locked.

SPECIAL CONSIDERATIONS: The Secure Storage Room in the medium facility will be used to house communication equipment.

ELECTRICAL: One electrical outlet on the end wall.

34. SPACE: Computer Lab (Medium and Large)

FUNCTIONAL DESCRIPTION: This area serves an integral part of the mentoring, Intervention and Education Support Services and the Life Skills, Citizenship and Leadership components of the Army Core Service Areas. It will provide a flexible environment conducive to learning that does not replicate a rigid classroom atmosphere. The area will be used for homework, tutoring, mentoring, and web based learning activities as well as a quiet area to read books and magazines. Area will accommodate 15 computer stations.

OCCUPANTS: School age children and Program Assistants.

MINIMUM FLOOR AND BASE CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include resistance to slipping and ease of cleaning, maintenance and repair with sound absorbing qualities and warm soft texture. Flooring must be anti-static.

MINIMUM WALL CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include ease of cleaning, maintenance and repair. Surface shall be water resistant for easy wiping.

MINIMUM CEILING CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include good sound absorbing characteristics, durable materials, low maintenance, easy to repair, and with easy access to mechanical system above ceiling.

INTERIOR VIEW WINDOWS: Salient characteristics include ease of cleaning, maintenance and repair. Provide a minimum of (5) 3' by 4' windows with tempered glazing and metal or aluminum frames. 2 view windows will face the atrium and 3 will face the Central Reception Counter.

DOORS/FRAME: Salient characteristics include ease of cleaning, maintenance and repair, ability to withstand continuous use, and compliance to building codes. **Interior Door:** One 3 foot wide by 7 foot tall wood door with half vision-lite and metal frame. If the interior door is lockable, the door shall be fitted with a locking mechanism that allows the door to be opened from the inside while the door is locked. **Exterior Door:** One 3 foot by 7 foot insulated hollow metal exterior door with half glass panel in a metal frame with rating of heavy duty.

ACOUSTICAL: Wall structure shall be designed to isolate this area from adjacent activity which may create high noise levels.

HVAC: Provide HVAC zoning flexible for this space due to heat generating equipment.

ELECTRICAL: Install receptacles every 4-5 feet apart, 20 Data Ports, 1 Voice Outlet, and one Telephone Outlet,

35. SPACE: Computer Homework Lab (Small only)

FUNCTIONAL DESCRIPTION: This area serves an integral part of the mentoring, Intervention and Education Support Services and the Life Skills, Citizenship and Leadership components of the Army Core Service Areas. It will provide a flexible environment conducive to learning that does not replicate a rigid classroom atmosphere. The area will be used for homework, tutoring, mentoring, and web based learning activities as well as a quiet area to read books and magazines. Area will accommodate 15 computer stations.

OCCUPANTS: School age children and Program Assistants.

MINIMUM FLOOR AND BASE CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include resistance to slipping and ease of cleaning, maintenance and repair with sound absorbing qualities and warm soft texture. Flooring must be anti-static.

MINIMUM WALL CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include ease of cleaning, maintenance and repair. Surface shall be water resistant for easy wiping.

MINIMUM CEILING CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include good sound absorbing characteristics, durable materials, low maintenance, easy to repair, and with easy access to mechanical system above ceiling.

INTERIOR VIEW WINDOWS: Salient characteristics include ease of cleaning, maintenance and repair. Provide a minimum of (5) 3' by 4' windows with tempered glazing and metal or aluminum frames. 2 view windows will face the atrium and 3 will face the Central Reception Counter.

DOORS/FRAME: Salient characteristics include ease of cleaning, maintenance and repair, ability to withstand continuous use, and compliance to building codes. **Interior Door:** One 3 foot wide by 7 foot tall wood door with half vision-lite and metal frame. If the interior door is lockable, the door shall be fitted with a locking mechanism that allows the door to be opened from the inside while the door is locked. **Exterior Door:** One 3 foot by 7 foot insulated hollow metal exterior door with half glass panel in a metal frame with rating of heavy duty.

ACOUSTICAL: Wall structure shall be designed to isolate this area from adjacent activity which may create high noise levels.

HVAC: Provide HVAC zoning flexible for this space due to heat generating equipment.

ELECTRICAL: Install receptacles every 4-5 feet apart, 10 Data Ports, Telephone Outlet,

36. SPACE: Communication Room

FUNCTIONAL DESCRIPTION: Communication equipment.

OCCUPANTS: Maintenance personnel.

MINIMUM FLOOR AND BASE CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include resistance to slipping and ease of cleaning, maintenance and repair. Room is not accessible to staff or patrons therefore an economical utilitarian finish is suitable.

MINIMUM WALL CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include ease of cleaning, maintenance and repair.

MINIMUM CEILING CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include good sound absorbing characteristics, durable materials, low maintenance, easy to repair, and with easy access to mechanical system above ceiling.

DOORS/FRAME: Salient characteristics include ease of cleaning, maintenance and repair. **Mandatory requirements:** Minimum 3 foot wide by 7 foot tall door with metal frame. Door shall be designed to swing out at 180 degrees.

HVAC: Supply cool, conditioned air to space for heat generating equipment.

ELECTRICAL: Wall telephone outlet.

37. SPACE: Electrical Room

FUNCTIONAL DESCRIPTION: Area that will house all electrical and power equipment.

OCCUPANTS: Maintenance personnel

MINIMUM FLOOR AND BASE CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include resistance to slipping and ease of cleaning, maintenance and repair. Room is not accessible to staff or patrons therefore an economical utilitarian finish is suitable.

MINIMUM WALL CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include ease of cleaning, maintenance and repair.

MINIMUM CEILING CONSTRUCTION/SURFACE PERFORMANCE: Drywall ceiling suspended on 7/8 inch hat channels.

DOORS/FRAME: Salient characteristics include ease of cleaning, maintenance and repair. **Mandatory requirements:** Minimum 3 foot wide by 7 foot tall hollow metal door with metal frame. Door shall be designed to swing out at 180 degrees and contain a dead bolt lock.

HVAC: Ventilation and heat only in this space.

ELECTRICAL: Wall Telephone Outlet.

38. SPACE: Mechanical Room

FUNCTIONAL DESCRIPTION: Area that will house all HVAC/plumbing equipment. This room should not be located near the children's play area.

OCCUPANTS: Maintenance personnel

MINIMUM FLOOR AND BASE CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include resistance to slipping and ease of cleaning, maintenance and repair. Room is not accessible to staff or patrons therefore an economical utilitarian finish is suitable.

DOORS/FRAME: Salient characteristics include ease of cleaning, maintenance and repair. **Mandatory requirements:** Minimum (2) 3 foot wide by 7 foot tall hollow metal door with metal frame. Door shall be insulated.

MINIMUM WALL CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include ease of cleaning, maintenance and repair.

MINIMUM CEILING CONSTRUCTION/SURFACE PERFORMANCE: Exposed Structure

39. SPACE: Covered Entry

FUNCTIONAL DESCRIPTION: Area that provide shelter at entrance doors.

OCCUPANTS: Children, Staff and parents.

MINIMUM FLOOR AND BASE CONSTRUCTION/SURFACE PERFORMANCE:
Concrete Slab.

MINIMUM CEILING CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include durable materials, low maintenance, easy to repair, and moisture resistance.

ELECTRICAL: Exterior wall outlet and lights.

40. SPACE: Electrical Room 2 (Large Facility)

FUNCTIONAL DESCRIPTION: Area that will house all electrical and power equipment.

OCCUPANTS: Maintenance personnel

MINIMUM FLOOR AND BASE CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include resistance to slipping and ease of cleaning, maintenance and repair. Room is not accessible to staff or patrons therefore an economical utilitarian finish is suitable.

MINIMUM WALL CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include ease of cleaning, maintenance and repair.

MINIMUM CEILING CONSTRUCTION/SURFACE PERFORMANCE: Exposed Structure

DOORS/FRAME: Salient characteristics include ease of cleaning, maintenance and repair. **Mandatory requirements:** Minimum 3 foot wide by 7 foot tall hollow metal door with metal frame.

HVAC: Ventilation and heat only in this space.

ELECTRICAL: Wall Telephone Outlet.

41. SPACE: Activity Room 2 (Large Facility)

FUNCTIONAL DESCRIPTION: A multiple use area for functions such as group meetings, clubs and skill building classes, etc.

OCCUPANTS: School age children and Program Assistants.

MINIMUM FLOOR AND BASE CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include slip resistance, abrasion resistance, easy to clean, maintain and repair.

MINIMUM WALL CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include ease of cleaning, maintenance and repair. Surface shall be water resistant for easy wiping.

MINIMUM CEILING CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include good sound absorbing characteristics, durable materials, low maintenance, easy to repair, and with easy access to mechanical system above ceiling.

DOORS/FRAME: Salient characteristics include ease of cleaning, maintenance and repair, ability to withstand continuous use, and compliance to building codes. **Interior Door:** One 3 foot wide by 7 foot tall wood door with half vision-lite and metal frame. If the interior door is lockable, the door shall be fitted with a locking mechanism that allows the door to be opened from the inside while the door is locked. **Exterior Door:** One 3 foot by 7 foot insulated hollow metal exterior door with half glass panel in a metal frame with rating of heavy duty.

ACOUSTICAL: Materials shall be designed to baffle or absorb excessive sound generated within this area.

ELECTRICAL: Install 2 Data Ports. Provide wall mounted duplex outlets 8 feet on center mounted 18" AFF, with not less than one duplex outlet mounted on walls less than 5 feet long.

42. SPACE: Activity Room 3 (Large Facility)

FUNCTIONAL DESCRIPTION: A multiple use area for functions such as group meetings, clubs and skill building classes, etc.

OCCUPANTS: School age children and Program Assistants.

MINIMUM FLOOR AND BASE CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include slip resistance, abrasion resistance, easy to clean, maintain and repair.

MINIMUM WALL CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include ease of cleaning, maintenance and repair. Surface shall be water resistant for easy wiping.

MINIMUM CEILING CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include good sound absorbing characteristics, durable materials, low maintenance, easy to repair, and with easy access to mechanical system above ceiling.

INTERIOR VIEW WINDOWS: Salient characteristics include ease of cleaning, maintenance and repair. Provide a minimum of (2) 3' by 4' windows with tempered glazing and metal or aluminum frames.

DOORS/FRAME: Salient characteristics include ease of cleaning, maintenance and repair, ability to withstand continuous use, and compliance to building codes. **Interior Door:** One 3 foot wide by 7 foot tall wood door with half vision-lite and metal frame. If the interior door is lockable, the door shall be fitted with a locking mechanism that allows the door to be opened from the inside while the door is locked. **Exterior Door:** One 3 foot by 7 foot insulated hollow metal exterior door with half glass panel in a metal frame with rating of heavy duty.

ACOUSTICAL: Materials shall be designed to baffle or absorb excessive sound generated within this area.

ELECTRICAL: Install cable TV and 2 Data Ports. Provide wall mounted duplex outlets 8 feet on center mounted 18" AFF, with not less than one duplex outlet mounted on walls less than 5 feet long.

SPECIAL REQUIREMENTS: Install a 5' high unbreakable mirror on at least 75% of the South Wall.

43. SPACE: Activity Room 4 (Large Facility)

FUNCTIONAL DESCRIPTION: A multiple use area for functions such as group meetings, clubs and skill building classes, etc.

OCCUPANTS: School age children and Program Assistants.

MINIMUM FLOOR AND BASE CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include slip resistance, abrasion resistance, easy to clean, maintain and repair.

MINIMUM WALL CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include ease of cleaning, maintenance and repair. Surface shall be water resistant for easy wiping.

MINIMUM CEILING CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include good sound absorbing characteristics, durable materials, low maintenance, easy to repair, and with easy access to mechanical system above ceiling.

INTERIOR VIEW WINDOWS: Salient characteristics include ease of cleaning, maintenance and repair. Provide a minimum of (2) 3' by 4' windows with tempered glazing and metal or aluminum frames.

DOORS/FRAME: Salient characteristics include ease of cleaning, maintenance and repair, ability to withstand continuous use, and compliance to building codes. **Interior Door:** One 3 foot wide by 7 foot tall wood door with half vision-lite and metal frame. If the interior door is lockable, the door shall be fitted with a locking mechanism that allows the door to be opened from the inside while the door is locked. **Exterior Door:** One 3 foot by 7 foot insulated hollow metal exterior door with half glass panel in a metal frame with rating of heavy duty.

ACOUSTICAL: Materials shall be designed to baffle or absorb excessive sound generated within this area.

ELECTRICAL: Install 2 Data Ports. Provide wall mounted duplex outlets 8 feet on center mounted 18" AFF, with not less than one duplex outlet mounted on walls less than 5 feet long.

44. SPACE: Covered Entry

FUNCTIONAL DESCRIPTION: Area that provide shelter at entrance doors.

OCCUPANTS: Staff

MINIMUM FLOOR AND BASE CONSTRUCTION/SURFACE PERFORMANCE:
Concrete Slab.

MINIMUM CEILING CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include durable materials, low maintenance, easy to repair, and moisture resistance.

ELECTRICAL: Exterior wall outlet and lights.

Site/Building Exterior

The following rendering of a CDC 6-10 Large is provided for information only. The intent of the rendering is only to provide a general 3D perspective of the building.

