CHILD DEVELOPMENT CENTER (CDC), SCHOOL AGE
STANDARD DESIGN, LARGE
6 - 10 YEARS OLD

CENTER OF STANDARDIZATION
CATEGORY CODE: 74016

CONTRACT NUMBER : N/A
SOLICITATION NUMBER : N/A

PUBLISHED: JUNE 2021
ENERGY CONSERVATION NOTES:
1. BUILDING THERMAL ENVELOPE SHALL MEET MINIMUM REQUIREMENTS BASED ON THE CLIMATE ZONE.
2. RECOMMENDED MINIMUM THERMAL RESISTANCE FOR EXTERIOR WALLS IN CDC 6-10 YEARS OLD
   - ZONE 1, 2 USE R-18 OR BETTER; ZONE 3-6 USE R-20.5-28.6; ZONE 7 R-20.5-30.5.
3. A CONTINUOUS AIR BARRIER SHALL BE PROVIDED THROUGHOUT THE BUILDING THERMAL ENVELOPE.
4. THE AIR BARRIER SHALL BE EXTENDED TO EXTERIOR WALLS LOCATED CHARGER TO THE BUILDING ENVELOPE.
5. AIR BARRIERS ARE NOT REQUIRED IN BUILDINGS LOCATED IN CLIMATE ZONES 1, 2, AND 3.
6. THE AIR BARRIER SHALL BE CONTINUOUS FOR ASSEMBLIES THAT ARE PART OF THE THERMAL ENVELOPE AND ACROSS THE JOINTS AND ASSEMBLIES.
7. AIR BARRIER JOINTS AND SEAMS SHALL BE SEALED, INCLUDING SEALING TRANSITIONS IN PLACES AND CHANGES IN MATERIALS.
8. BREAKS OR JOINTS IN THE AIR BARRIER SHALL BE SEALED.
3'-10"
WALL FIN.
AS SCHED.

AREA FOR UNDER COUNTER REFRIGERATOR
DRYWALL SOFFIT
ROLL-UP WINDOW
3'-0"
8'-0"
9'-1"
STAINLESS STEEL COUNTERTOPS
9'-8"

OPEN AREA FOR UNDERCOUNTER REFRIGERATOR
12'-6"
2'-5"
3'-8"
2'-0"
3'-11"
1'-7"

KITCHEN EQUIPMENT SCHEDULE:

1. FROZEN FOOD CABINET
   MECHANICAL REFRIGERATED, COMMERCIAL, SELF-CONTAINED (REACH-IN) FREEZER
   NSN: 4110-00-370-5374
   ELECTRIC: 115V, 1PH, 60HZ
   DIMENSIONS: 59"W X 38"D X 85"H

2. DISHWASH TABLE, SOILED, STAINLESS STEEL (SS)
   STANDARD FEATURES: INTEGRAL SCRAPING TROUGH, 6"W X 1-1/2"D
   WATER INLET ENDS, 5"D AT DISPOSAL SINK END
   DISPOSAL SINK, 16" X 20" X 7"D
   VACUUM BREAKER HOLES AND HOLES FOR PRE-RINSE ASSEMBLY PROVIDED THROUGH BACKSPLASH.

3. SPRAY ASSEMBLY, PRE-RINSE, WALL-MOUNTED, GOOSENECK

4. CURB MIRING AND FIXTURE CONNECTION
   ELECTRIC: 305V, 1PH, 60HZ
   SIZE: 1" X 1" X 3/4"
   BAR: 213. X 0.25" X 0.25" X 0.25"

5. RANGE, ELECTRIC, COMMERCIAL, HOT TOP
   ELECTRIC: 208V, 60HZ, 3 PH
   NSN: 7310-00-320-9829
   DIMENSIONS: 40"W X 39"D X 65"H

6. RANGE, ELECTRIC, COMMERCIAL, HOT TOP
   ELECTRIC: 208V, 60HZ, 3 PH, 24KW
   NSN: 7310-00-034-0169
   DIMENSIONS: 36"W X 38"D X 36"H

7. AIR CURTAIN FLY CONTROL, SIZED TO COVER COMPLETE WIDTH OF DOOR

8. REFRIGERATOR, +35° F HOLDING TEMPERATURE, TPR, OUTDOOR, FULL HERMETIC AIR COOLED, WEATHER COVER
   SIZE: 3/4HP, LOW AMP
   CONTROL VOLTAGE REMOTE CONDENSING UNIT LOCATION (SERVICE YARD)
   ICE MACHINE (UNDER COUNTER)
   STANDARD FEATURES: HALF CUBE, AIR COOLED, 1/2HP
   FINISH: STAINLESS STEEL

9. DISHWASHER, DOOR TYPE, STAINLESS STEEL, WITH BOOSTER HEATER
   DIMENSIONS: 67 1/2" H X 29 1/2" D X 41" W
   UNDER COUNTER REFRIGERATOR
   DIMENSIONS: 38" W X 23 1/2" D X 33 1/2" H

10. SHELVING, DRY STORAGE
    STAINLESS STEEL
    DIMENSIONS: 96" L X 18" W
GENERAL NOTES

1. PROVIDE SEAL AT BUILDING FACADE.
2. DESIGN SHALL COMPLY WITH ECBC 2012-16 BUILDING AIR TIGHTNESS AND AIR BARRIER CONTINUITY REQUIREMENTS.
3. ALL ROOF WALL CONNECTIONS SHALL BE SEAL ED FOR AIR LOSS.
4. ALL SIDE WALL CONNECTIONS SHALL BE SEAL ED FOR AIR LOSS.
5. PROVIDE CAULK, FOAM, AND BATT INSULATION WHERE REQUIRED TO ELIMINATE VOIDS IN THE BUILDING ENVELOPE AND REDUCE INFILTRATION OF OUTSIDE AIR OR EXFILTRATION OF CONDITIONED AIR.

A-301 BUILDING SECTION

SCALE: 1/8" = 1'-0"

CEREBRATORY WINDOWS SHOVELS
PAINT ALL EXPOSED CEILINGS
LIGHTING FIXTURES
MECHANICAL EQUIPMENT

A-302 BUILDING SECTION

SCALE: 1/8" = 1'-0"