US Army Corps of Engineers ®
ENGINEERING AND SUPPORT CENTER
HUNTSVILLE, AL

CHILD DEVELOPMENT CENTER (CDC)
STANDARD DESIGN, MEDIUM
6 - 10 YEARS OLD

CENTER OF STANDARDIZATION

CATEGORY CODE: 74016

CONTRACT NUMBER : N/A

SOLICITATION NUMBER : N/A

PUBLISHED: JUNE 2021

US Army Corps of Engineers ®
HUNTSVILLE CENTER

DESCRIPTION	DATE	APPR

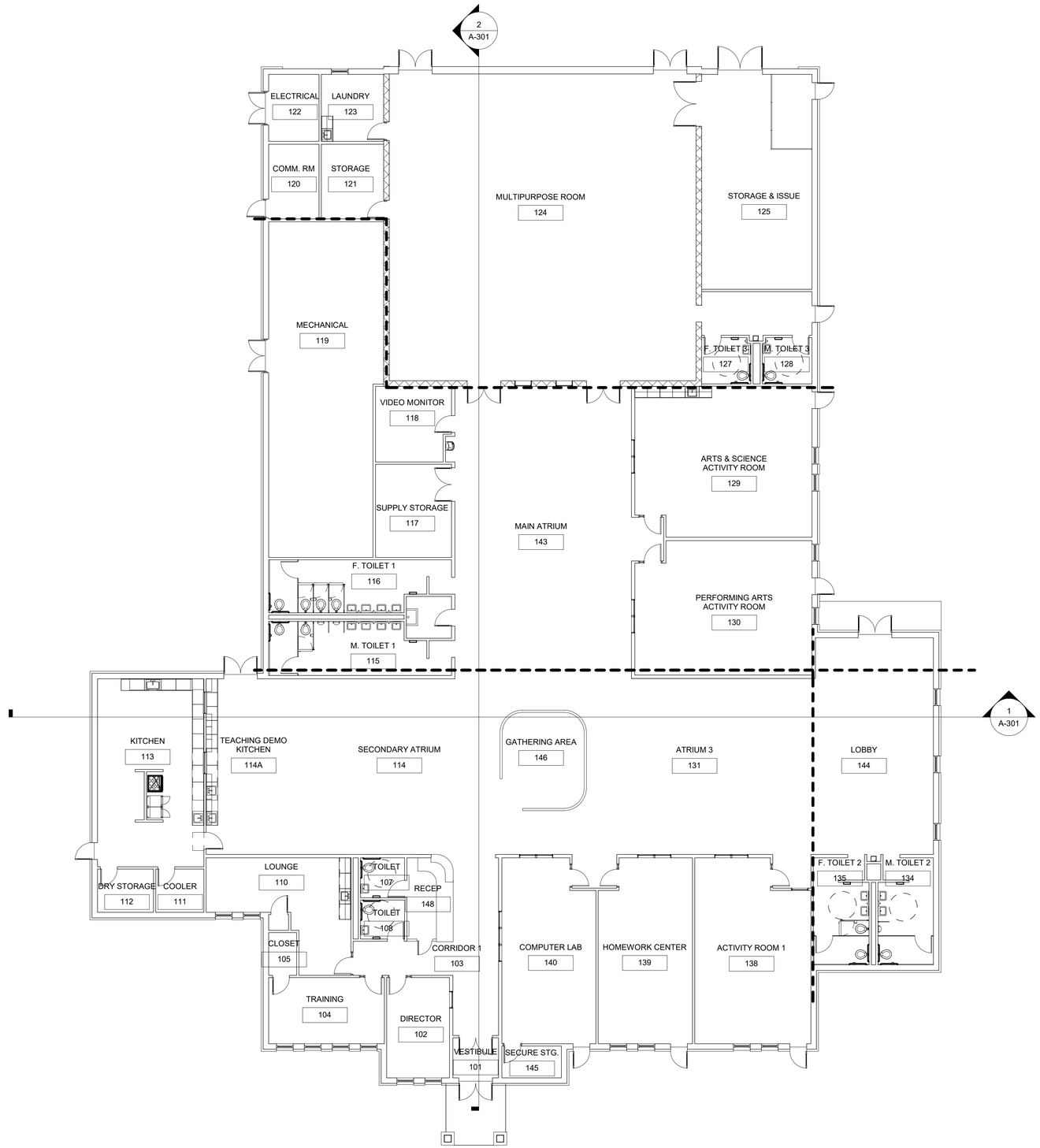
U.S. ARMY CORPS OF ENGINEERS
ENGINEERING AND SUPPORT CENTER
4820 UNIVERSITY SQ.
HUNTSVILLE, AL 35816

DESIGN BY: Designer
DRAWN BY: Author
SBMT BY: Approver
PLOT SCALE: 1
SIZE: D 22" x 34"
CKD BY: Checker
PLOT DATE: 8/22/2021 1:58:12 PM
FILE NAME:
DATE: JUNE 2014
SOLICITATION NO.: N/A
CONTRACT NO.: N/A
CATEGORY CODE:

CHILD DEVELOPMENT CENTER (CDC)
STANDARD DESIGN, MEDIUM
6 - 10 YEARS OLD

COVER SHEET

PLATE REFERENCE NUMBER
A-000
SHEET



OVERALL FLOOR PLAN

SCALE: 3/32" = 1'-0"

ENERGY CONSERVATION NOTES

1. BUILDING THERMAL ENVELOPE SHALL MEET MINIMUM REQUIREMENTS BASED ON THE CLIMATE ZONE.
2. RECOMMENDED MINIMUM THERMAL RESISTANCE (R-VALUE) FOR EXTERIOR WALLS IN CDC 6-10 ZONE 1, 2 USE R-18 OR BETTER.
3. A CONTINUOUS AIR BARRIER SHALL BE PROVIDED THROUGHOUT THE BUILDING THERMAL ENVELOPE.
4. THE AIR BARRIER SHALL BE PERMITTED TO BE LOCATED ON THE INSIDE OR OUTSIDE OF 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 THE THERMAL ENVELOPE OF THE BUILDING AND ACROSS THE JOINTS AND ASSEMBLIES.
7. AIR BARRIER JOINTS AND SEAMS SHALL BE SEALED, INCLUDING SEALING TRANSITIONS IN PLACES AND CHANGES
8. IN MATERIALS.

   BREAKS OR JOINTS IN THE AIR BARRIER SHALL BE SEALED.

N

PLAN NORTH

16 8 0 16

SCALE: 3/32"=1'-0"

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SYMBOL	DESCRIPTION	DATE	BY

DESIGN BY: MLS
DRAWN BY: EZ
SBMT BY:
CKD BY:
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DATE: JUNE 2014
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CONTRACT NO.: N/A
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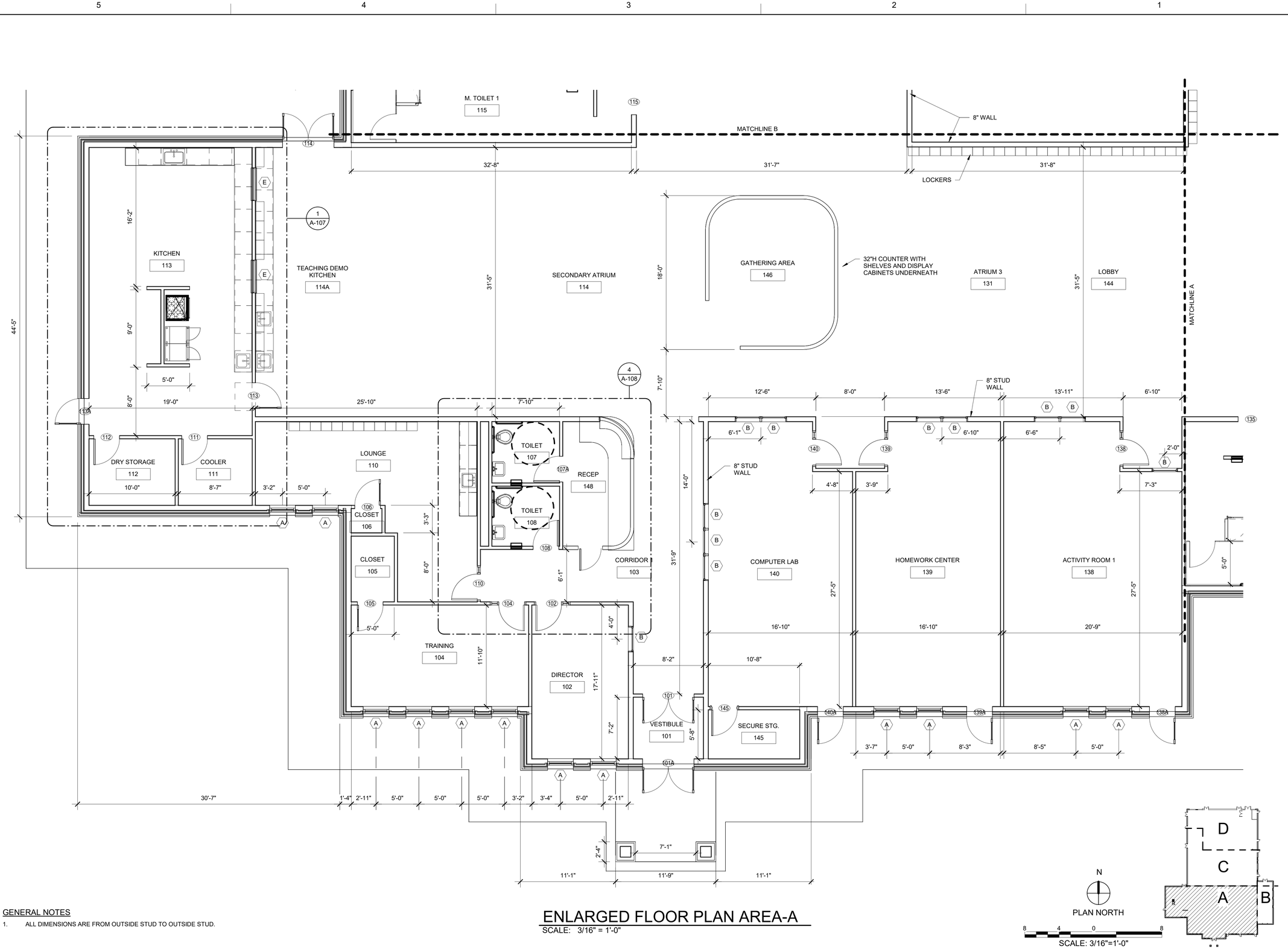
CHILD DEVELOPMENT CENTER (CDC)
STANDARD DESIGN, MEDIUM
6 - 10 YEARS OLD

OVERALL FLOOR PLAN

PLATE REFERENCE NUMBER
A-102
SHEET 26 OF 107



GENERAL NOTES

1. ALL DIMENSIONS ARE FROM OUTSIDE STUD TO OUTSIDE STUD.

ENLARGED FLOOR PLAN AREA-A

SCALE: 3/16" = 1'-0"

N

PLAN NORTH

8 4 0 8

SCALE: 3/16"=1'-0"

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HUNTSVILLE CENTER

BY	DATE	DESCRIPTION	SYMBOL

DESIGN BY: MLS
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SBMT BY:
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U.S. ARMY CORPS OF ENGINEERS, ENGINEERING SUPPORT CENTER
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CHILD DEVELOPMENT CENTER (CDC)
STANDARD DESIGN, MEDIUM
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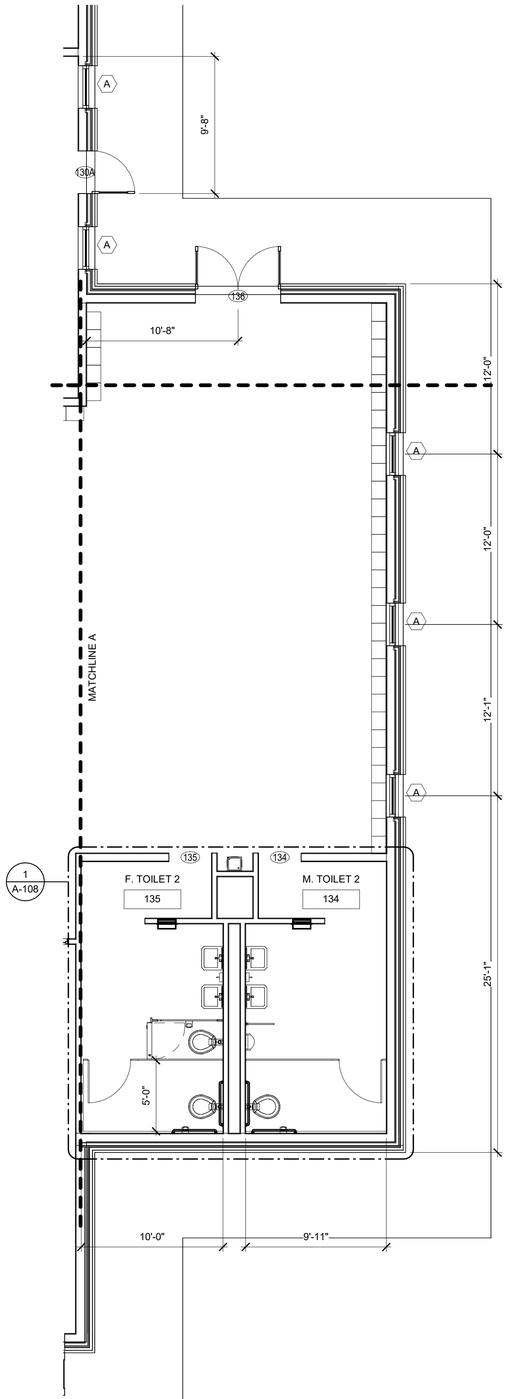
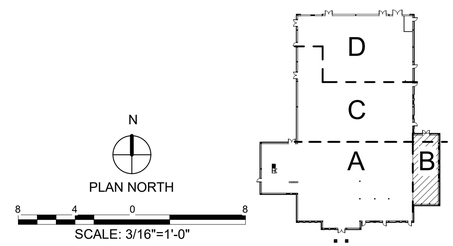
ENLARGED FLOOR PLAN - AREA A

PLATE REFERENCE NUMBER
A-103
SHEET 27 OF 107



ENLARGED FLOOR PLAN - AREA B

SCALE: 3/16" = 1'-0"



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HUNTSVILLE CENTER

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U.S. ARMY CORPS OF ENGINEERS, HUNTSVILLE ENGINEERING AND SUPPORT CENTER
4820 UNIVERSITY SQ.
HUNTSVILLE, AL 35816

DESIGN BY: MLS
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SBMT BY:
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CONTRACT NO.: N/A
CATEGORY CODE:
FILE NAME:

CHILD DEVELOPMENT CENTER (CDC)
STANDARD DESIGN, MEDIUM
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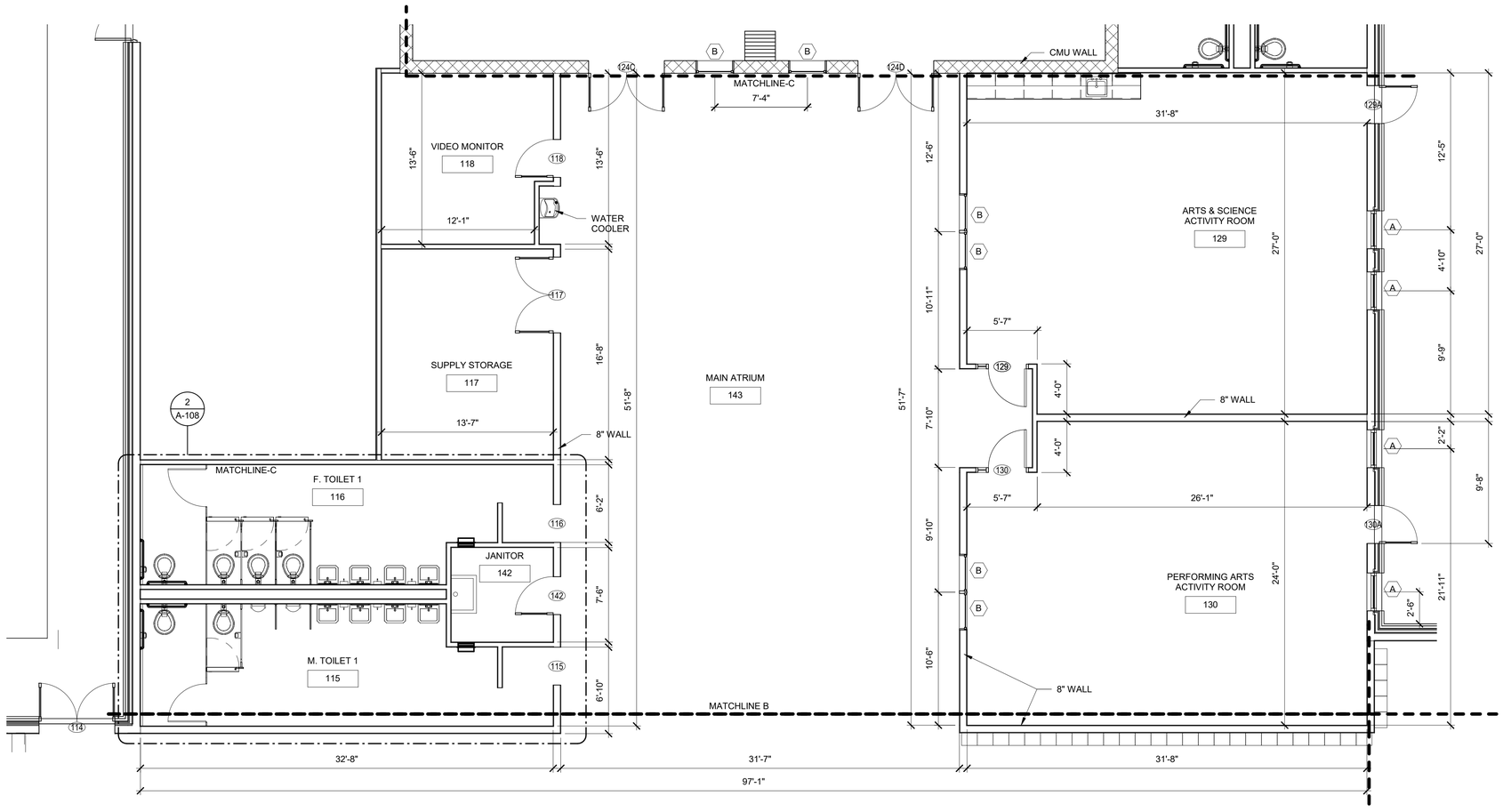
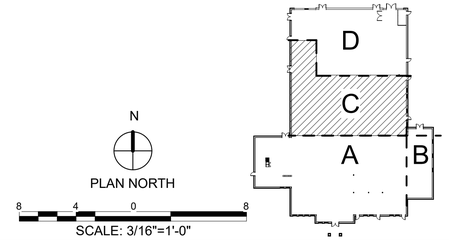
ENLARGED FLOOR PLAN - AREA B

PLATE REFERENCE NUMBER
A-104
SHEET 28 OF 107



ENLARGED FLOOR PLAN - AREA C

SCALE: 3/16" = 1'-0"



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SIZE: D 22" x 34"

U.S. ARMY CORPS OF ENGINEERS, HUNTSVILLE SUPPORT CENTER
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CHILD DEVELOPMENT CENTER (CDC)
STANDARD DESIGN, MEDIUM
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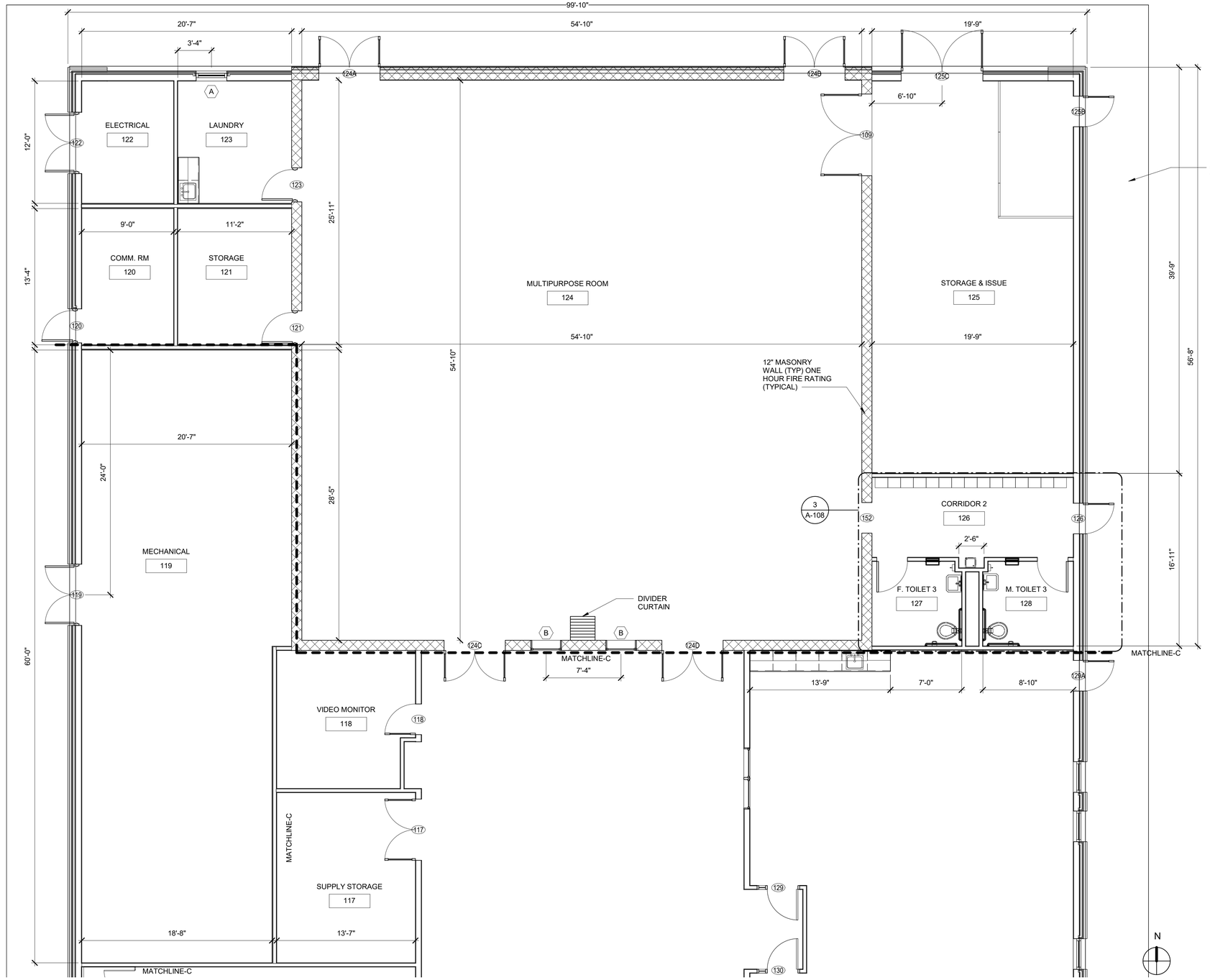
ENLARGED FLOOR PLAN - AREA C

PLATE REFERENCE NUMBER
A-105
SHEET 29 OF 107



ENLARGED FLOOR PLAN - AREA D

SCALE: 3/16" = 1'-0"

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HUNTSVILLE CENTER

SYMBOL	DESCRIPTION	DATE	BY

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CONTRACT NO.: N/A
CATEGORY CODE:

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CHILD DEVELOPMENT CENTER (CDC)
STANDARD DESIGN, MEDIUM
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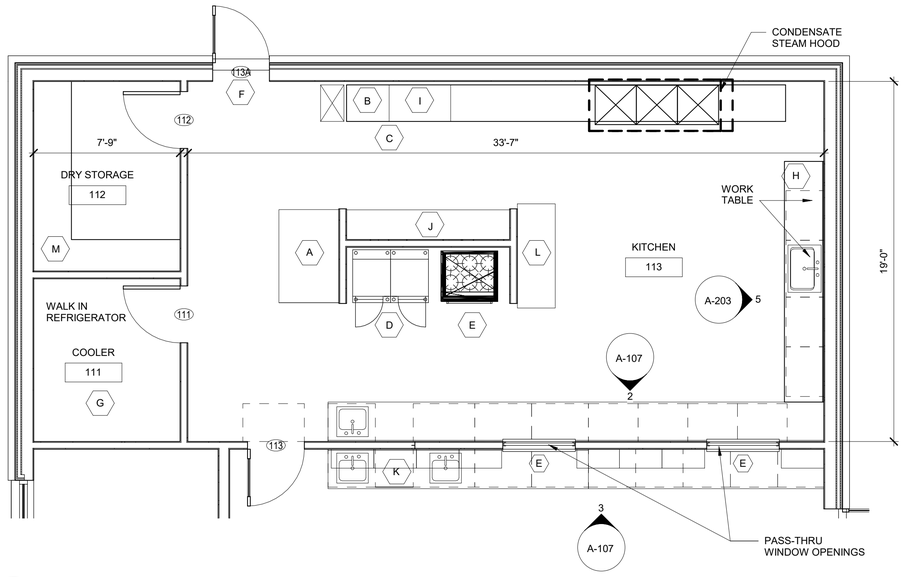
ENLARGED FLOOR PLAN - AREA D

PLATE REFERENCE NUMBER
A-106
SHEET 30 OF 107



1 ENLARGED KITCHEN PLAN
A-103 SCALE: 1/4" = 1'-0"

N
PLAN NORTH

4 3 2 1 0 4 8
SCALE: 1/4"=1'-0"

KITCHEN EQUIPMENT SCHEDULE:

A — 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

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

C — SPRAY ASSEMBLY, PRE-RINSE, WALL-MOUNTED, GOOSENECK

D — OVEN, BAKING AND ROASTING, CONVECTION,
ELECTRIC: 208V, 60HZ, 3 PH
NSN: 7310-00-320-9829
DIMENSIONS: 40"W X 39"D X 65"H

E — RANGE, ELECTRIC, COMMERCIAL, HOT TOP
ELECTRIC: 208V, 60HZ, 3 PH, 24KW
NSN: 7310-01-034-0169
DIMENSIONS: 36"W X 38"D X 36"H

F — AIR CURTAIN, FLY CONTROL SIZED TO COVER COMPLETE WIDTH OF DOOR

G — WALK-IN REFRIGERATOR
DIMENSIONS: 5'-10"W X 7'-9"D X 7'-1 1/2" H
STANDARD FEATURES: INDOOR COOLER, WITHOUT FLOOR FINISH. STAINLESS STEEL. ENTRANCE DOOR 36"W X 77"H WITH DOOR CLOSER, VAPOR LIGHT
REFRIGERATOR: +35° F HOLDING TEMPERATURE, TPR, OUTDOOR, FULL HERMETIC AIR COOLED, WEATHER COVER, 0075MED3/4HP, LOW AMP CONTROL VOLTAGE REMOTE CONDENSING UNIT LOCATION (SERVICE YARD)

H — ICE MACHINE (UNDER COUNTER). STANDARD FEATURES: HALF CUBE, AIR COOLED, 1/2HP. FINISH: STAINLESS STEEL

I — DISHWASHER, DOOR TYPE, STAINLESS STEEL WITH BOOSTER HEATER AND STAINLESS STEEL COUNTERTOPS SIZED TO FIT,
DIMENSIONS: 67 1/2" H X 29 1/2"D X 41"W

J — OVERHEAD RACK SHELF, FLAT, STAINLESS STEEL (4 EACH)
DIMENSIONS: 96"L X 18"W

K — UNDER COUNTER REFRIGERATOR
DIMENSIONS: 23"W X 23 1/2"D X 331/2"H

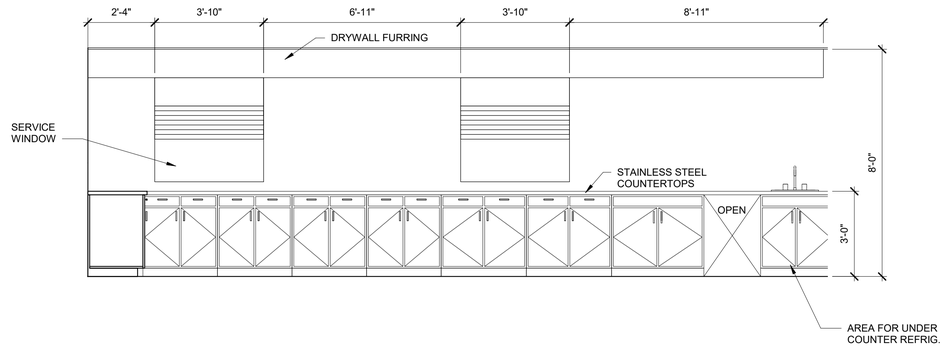
L — PREP TABLE, STIANLESS STEEL
DIMENSIONS: 66"W X 24"D X 36"H
STANDARD FEATURES: FOUR 5" DIAMETER NON-MARKING BALL-BEARING STEM-TYPE CASTERS, TWO CASTERS WITH LOCKING BRAKES
20" X 20" X 5"D STAINLESS STEEL DRAWER WITH REMOVABLE INSET.

M — SHELVING, DRY STORAGE

-ALL DIMENSIONS ARE WIDTH, LENGTH, AND HEIGHT
-ALL EQUIPMENT MAY NOT BE SHOWN ON THE PLAN BUT CONTRACTOR SHALL INCLUDE ALL EQUIPMENT ON THE CONDENSED EQUIPMENT LIST IN COST ESTIMATE.

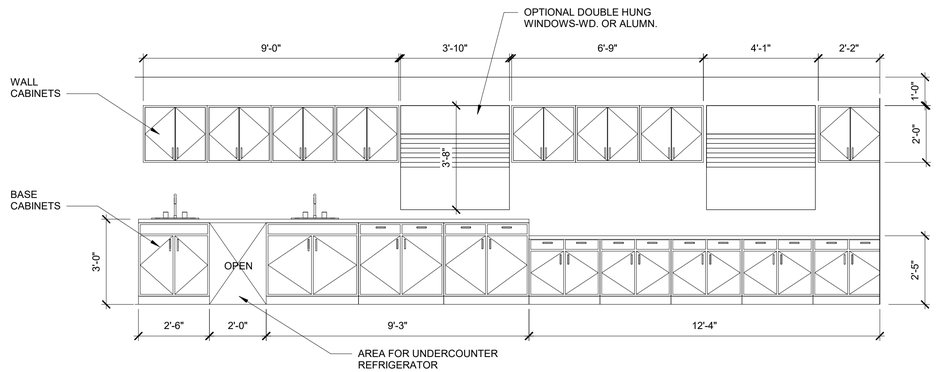
CONDENSED EQUIPMENT LIST-1 EA. OF THE FOLLOWING

1. AIR CURTAIN, UNHEATED
2. DISH TABLE CLEAN
3. DISH TABLE SOILED:SS
4. DISHWASHER UNDER COUNTER
5. DISPOSAL:1.5 HP, WASTE & PRE-RINSE
6. EXHAUST HOOD
7. FREEZER REACH-IN, 59" X 38" X 85"
8. ICE MACHINE UNDER COUNTER
9. OVEN ELECTRIC, 40" X 39" X 65"
10. REFRIGERATOR, UNDER THE COUNTER
11. RANGE ELECTRIC, 36" X 38" X 36"
12. REFRIGERATOR, SIDE BY SIDE W/ ICE MAKER
13. SHELF, 18" X 96"
14. SHELVING, DRY STORAGE
15. SINK, 3 COMPARTMENT, 10'-0" X 2'-6" X 2'-10"
16. SINK, HAND: FOOD PREP.
17. SPRAY ASSEMBLY, PRE-RINSE: GOOSENECK
18. TABLE, WORK: W/ DOUBLE SINKS, 30" X 72" X 36"
19. REFRIGERATOR, WALK-IN, 5'-10" X 7'-9" X 7'-1"



2 ELEVATION - KITCHEN
A-107 SCALE: 3/8" = 1'-0"

4 2 0 4
SCALE: 3/8"=1'-0"



3 ELEVATION - DEMO KITCHEN
A-105 SCALE: 3/8" = 1'-0"

4 2 0 4
SCALE: 3/8"=1'-0"

US Army Corps of Engineers ®
HUNTSVILLE CENTER

SYMBOL	DESCRIPTION	DATE	BY

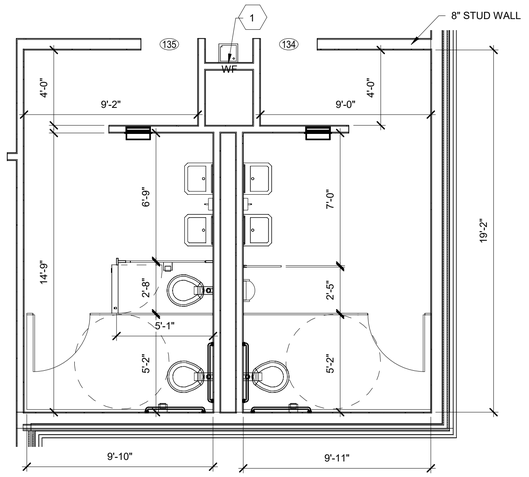
DESIGN BY: MLS
DRAWN BY: EZ
CKD BY:
SBMT BY:
PLOT DATE: 6/22/2021 1:58:26 PM
PLOT AS: Scaled
FILE NAME:
SIZE: D 22" x 34"
DATE: JUNE 2014
SOLICITATION NO.: N/A
CONTRACT NO.: N/A
CATEGORY CODE:

U.S. ARMY CORPS OF ENGINEERS, ENGINEERING SUPPORT CENTER
4820 UNIVERSITY SQ.
HUNTSVILLE, AL 35816

CHILD DEVELOPMENT CENTER (CDC)
STANDARD DESIGN | MEDIUM
6 - 10 YEARS OLD

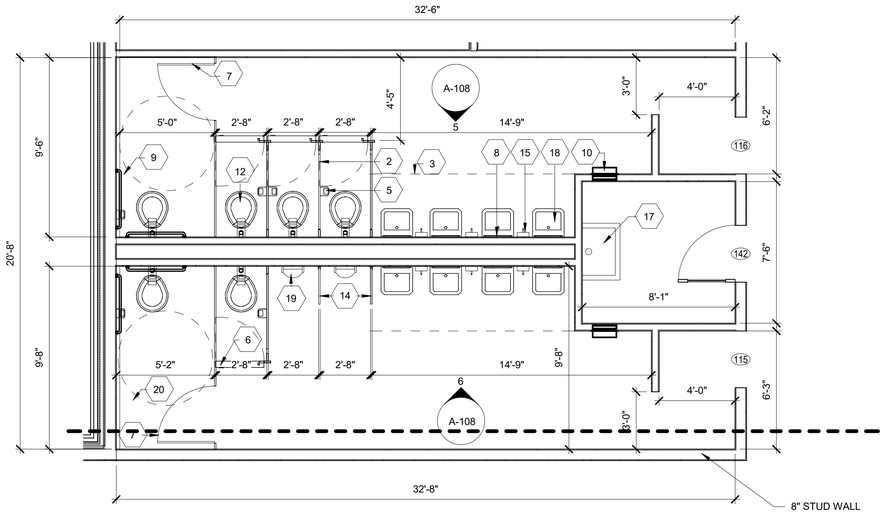
ENLARGED KITCHEN PLAN AND ELEVATIONS

PLATE REFERENCE NUMBER
A-107
SHEET 31 OF 107

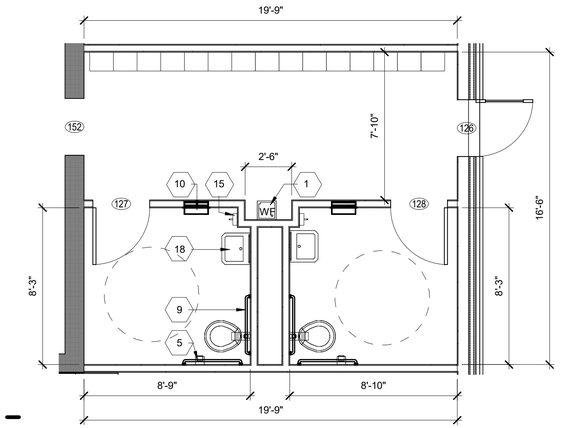


1 ENLARGED FLOOR PLAN-TOILETS 134 & 135
A-104 SCALE: 1/4" = 1'-0"

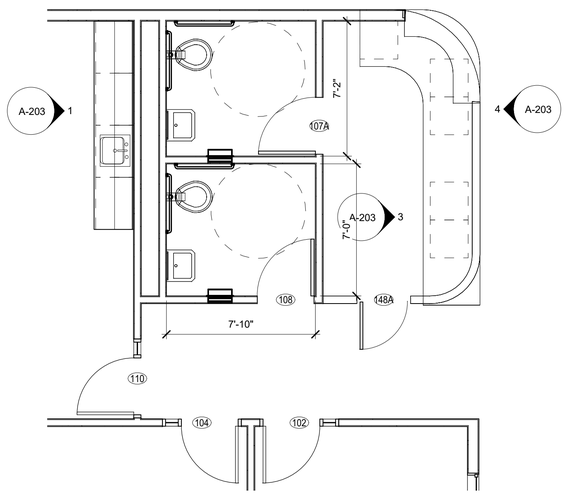
SEE PLAN 2, THIS SHEET, FOR TYPICAL KEY NOTES.



2 ENLARGED FLOOR PLAN-TOILETS 115, 116, & JANITOR 142
A-105 SCALE: 1/4" = 1'-0"

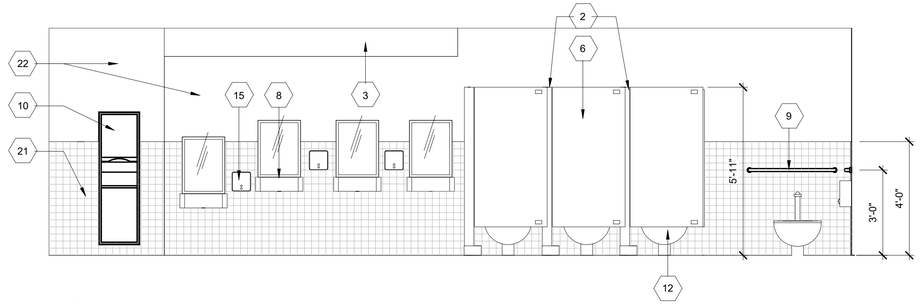


3 ENLARGED FLOOR PLAN-TOILET 127 & 128
A-106 SCALE: 1/4" = 1'-0"

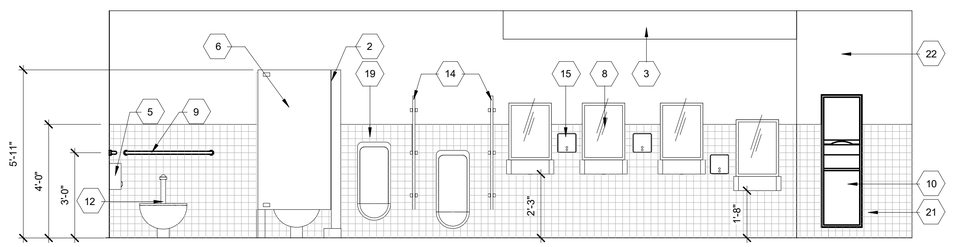


4 ENLARGED FLOOR PLAN-TOILET & RECEPTION
A-103 SCALE: 1/4" = 1'-0"

SEE PLAN 3, THIS SHEET, FOR TYPICAL KEY NOTES.



5 ELEVATION-WOMEN TOILET ROOM
A-108 SCALE: 3/8" = 1'-0"



6 ELEVATION-MEN TOILET ROOM
A-108 SCALE: 3/8" = 1'-0"

KEYED NOTES:

1. DRINKING FOUNTAIN
2. SOLID PLASTIC TOILET PARTITIONS
3. LINE OF OVERHEAD CEILING FURRING ABOVE
4. SLOPE OF FLOOR TO FLOOR DRAIN
5. ROLL TISSUE HOLDER
6. STANDARD 24" PARTITION DOOR
7. HANDICAPPED PARTITION DOOR WITH A MIN. CLEARANCE OF 32"
8. 18" X 30" MIRROR
9. STAINLESS STEEL GRAB BAR
10. PAPER TOWEL DISPENSER
11. FLOOR DRAIN-SEE MECHANICAL
12. WATER CLOSET
13. 18" X 30" MIRROR-MOUNT 40" AFF.
14. URINAL SCREEN
15. SOAP DISPENSER
16. 12" MASONRY WALL
17. JANITOR SINK
18. LAVATORY
19. URINAL
20. 5'-0" WHEELCHAIR RADIUS
21. CERAMIC TILE WALL FINISH
22. DRYWALL FINISH

4 3 2 1 0 4 8
SCALE: 1/4"=1'-0"

4 2 0 4
SCALE: 3/8"=1'-0"

US Army Corps of Engineers ®
HUNTSVILLE CENTER

SYMBOL	DESCRIPTION	DATE	BY

DESIGN BY: MLS
DRAWN BY: EZ
CKD BY:
SBMT BY:
DATE: JUNE 2014
SOLICITATION NO.: N/A
CONTRACT NO.: N/A
CATEGORY CODE:
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SIZE: D 22" x 34"

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CHILD DEVELOPMENT CENTER (CDC)
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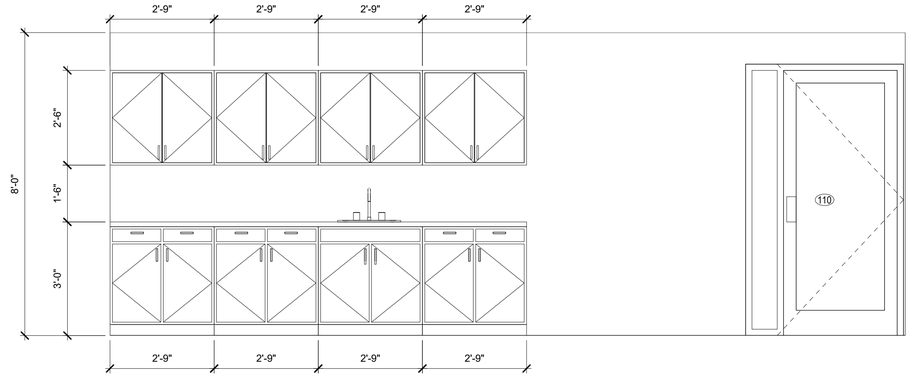
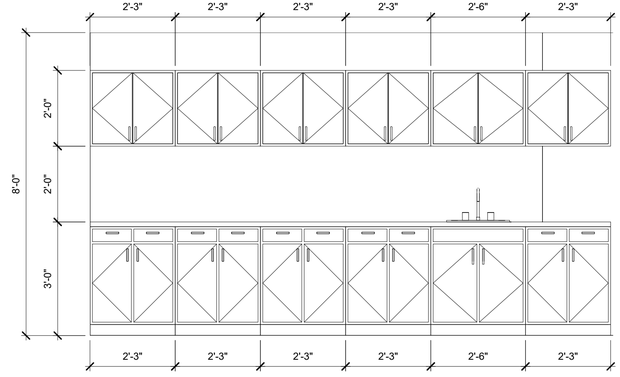
ENLARGED TOILET PLANS

PLATE REFERENCE NUMBER
A-108
SHEET 32 OF 107



1 A-108 ELEVATION-STAFF LOUNGE
SCALE: 1/2" = 1'-0"



2 A-105 ELEVATION-ARTS & SCIENCES
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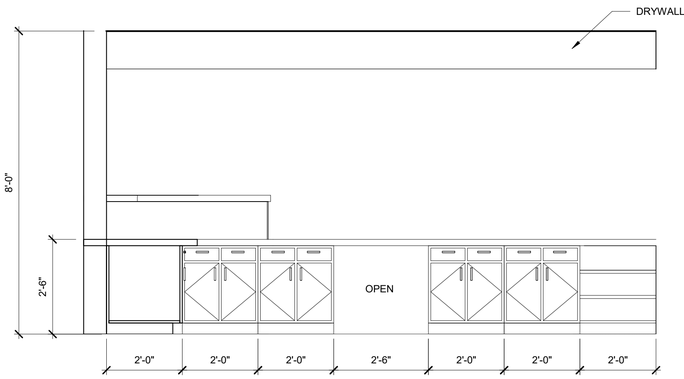
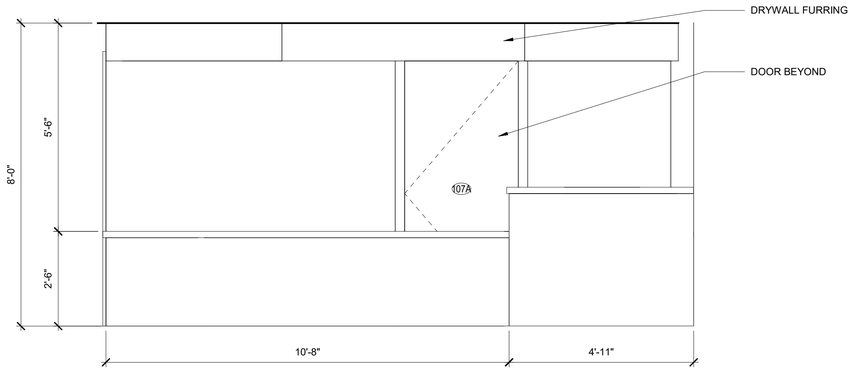


3 A-108 ELEVATION-RECEPTION COUNTER A
SCALE: 1/2" = 1'-0"



4 A-108 ELEVATION-RECEPTION COUNTER B
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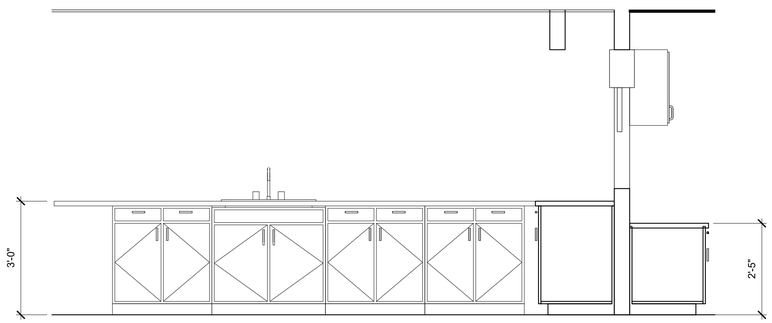
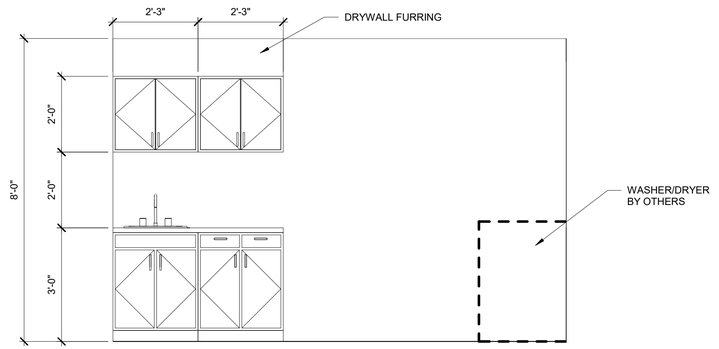


5 A-107 ELEVATION-KITCHEN CABINETS
SCALE: 1/2" = 1'-0"



6 A-106 ELEVATION-LAUNDRY ROOM
SCALE: 1/2" = 1'-0"

2 1 0 2 4
SCALE: 1/2"=1'-0"

US Army Corps of Engineers ®
HUNTSVILLE CENTER

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DESIGN BY: MLS
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CONTRACT NO.: N/A
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STANDARD DESIGN, MEDIUM
6 - 10 YEARS OLD

INTERIOR ELEVATIONS

PLATE REFERENCE NUMBER
A-203
SHEET 37 OF 107

GENERAL NOTES

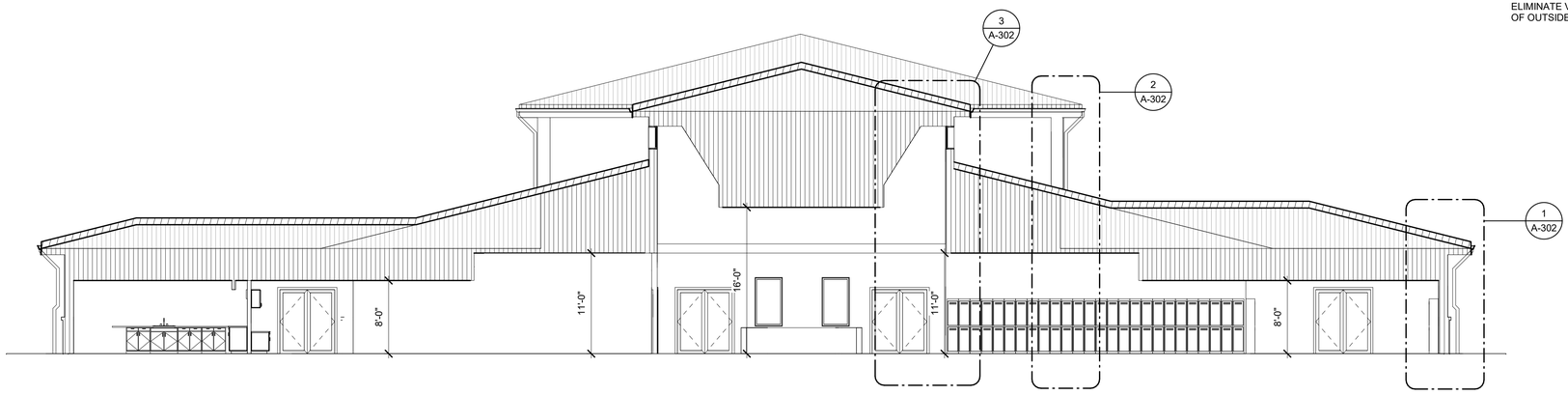
1. PROVIDE SEAL AT BUILDING FACADE.

2. DESIGN SHALL COMPLY WITH ECB 2012-16 BUILDING AIR TIGHTNESS AND AIR BARRIER CONTINUITY REQUIREMENTS.

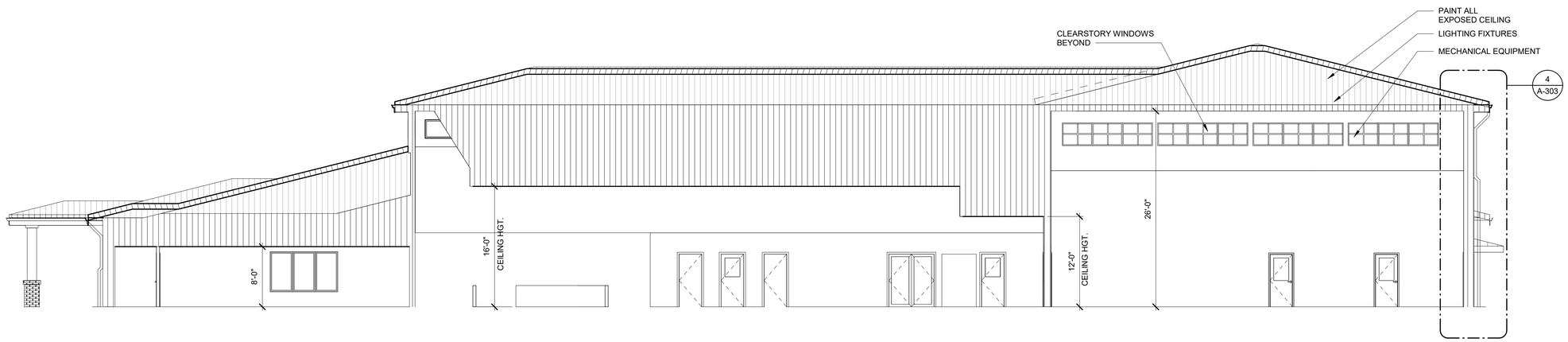
3. ALL ROOF WALL CONNECTIONS SHALL BE SEALED FOR AIR LOSS.

4. ALL SIDE WALL CONNECTIONS SHALL BE SEALED 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.



1 A-102 BUILDING SECTION
SCALE: 1/8" = 1'-0"



2 A-102 BUILDING SECTION
SCALE: 1/8" = 1'-0"

8 6 4 2 0 8 16
SCALE: 1/8"=1'-0"

US Army Corps of Engineers ®
HUNTSVILLE CENTER

SYMBOL	DESCRIPTION	DATE	BY

DESIGN BY: MLS
DRAWN BY: EZ
CKD BY:
SBMT BY:
DATE: JUNE 2014
SOLICITATION NO.: N/A
CONTRACT NO.: N/A
CATEGORY CODE:
PLOT DATE: 6/22/2021 1:58:32 PM
PLOT SCALE: 1'-0"
SIZE: D 22" x 34"
FILE NAME:

U.S. ARMY CORPS OF ENGINEERS, ENGINEERING SUPPORT CENTER
4820 UNIVERSITY SQ.
HUNTSVILLE, AL 35816

CHILD DEVELOPMENT CENTER (CDC)
STANDARD DESIGN, MEDIUM
6 - 10 YEARS OLD

BUILDING SECTIONS

PLATE REFERENCE NUMBER
A-301
SHEET 38 OF 107