

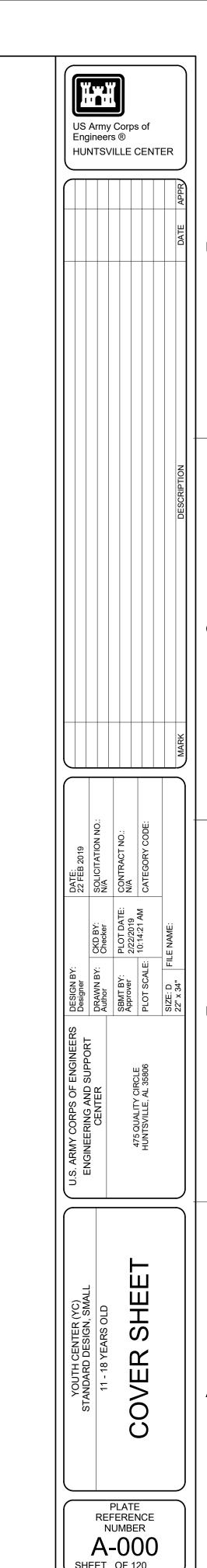
US Army Corps of Engineers ®
ENGINEERING AND SUPPORT CENTER HUNTSVILLE, AL

YOUTH CENTER (YC) STANDARD DESIGN, SMALL 11 - 18 YEARS OLD

CENTER OF STANDARDIZATION

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

PUBLISHED: 22 FEB 2019



A-103

PERFORMANCE ACTIVITY

ROOM

DRY

STORAGE

SNACK BAR/CULINARY

MAIN

COMMONS

HOBBY/ARTS COMBINATION

ACTIVITY ROOM

90' - 2 5/8"

STAFF

COPY/FILE

RECEPTION

WAITING

A-104

UNISEX

UNISEX

LOUNGE/TRAINING

JANITOR

UNISEX
TOILET
UNISEX
TOILET

DIRECTOR'S

OFFICE

ADMINISTRATIV

OFFICE

STORAGE

VESTIBULE

VSS

EQUIPMENT ROOM

TECHNOLOGY LAB

ΑT RECEPTION CORRIDOR 1/

TAFF/VISITO

HC

RESTROOM

STORAGE,

OUTSIDE

195' - 7 1/2"

ELECTRICAL ROOM

COMMUNICATION

CORRIDOR 2 VENDING

ROOM

MECHANICAL

ROOM

105' - 4 7/8"

CORRIDOR 3

MULTI-PURPOSE ROOM

SPORTS DIRECTOR'S

OFFICE

TOILET

TOILET

LAUNDRY

UNISEX

UNISEX

TOILET

STORAGE,

SPORTS

EQUIPMENT

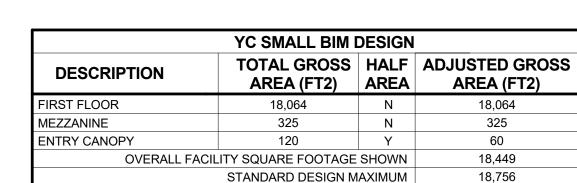
- REFERENCE THE ARMY STANDARD DESIGN FOR YOUTH CENTER (YC) DATED MARCH 2008 FOR MANDATORY DESIGN INFORMATION.
- REFERENCE STANDARD DESIGN CRITERIA FOR YC, ROOM BY ROOM DESCRIPTIONS FOR ADDITIONAL DESIGN INFORMATION.

ENERGY CONSERVATION NOTES:

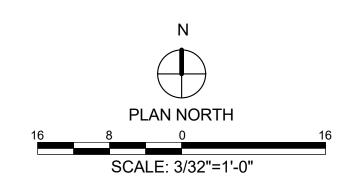
GENERAL NOTES:

- BUILDING THERMAL ENVELOPE SHALL MEET MINIMUM REQUIREMENT BASED ON THE CLIMATE ZONE.
- RECOMMENDED MINIMUM THERMAL RESISTANCE (R-VALUE) FOR EXTERIOR WALLS IN CDC 0-5 ZONE 1, 2 USE R-18 OR BETTER; FOR ZONE 3-6 USE R-VALUE 20.5 OR BETTER; ZONE 7 R-20.5-28.6; ZONE 8
- A CONTINUOUS AIR BARRIER SHALL BE PROVIDED THROUGHOUT THE BUILDING THERMAL ENVELOPE.
- THE AIR BARRIER SHALL BE PERMITTED TO BE LOCATED ON THE INSIDE OR OUTSIDE OF THE BUILDING ENVELOPE.
- AIR BARRIERS ARE NOT REQUIRED IN BUILDINGS LOCATED IN CLIMATE ZONES 1, 2, AND 3.
- THE AIR BARRIER SHALL BE CONTINUOUS FOR ASSEMBLIES THAT ARE THE THERMAL ENVELOPE OF THE BUILDING AND ACROSS THE JOINTS AND ASSEMBLIES.
- AIR BARRIER JOINTS AND SEAMS SHALL BE SEALED, INCLUDING SEALING TRANSITIONS IN PLACES AND
- BREAKS OR JOINTS IN THE AIR BARRIER SHALL BE SEALED.
- SOLAR HOT WATER AND SOLAR COLLECTORS SHALL BE INCORPORATED AS AN OPTION TO THE DESIGN.

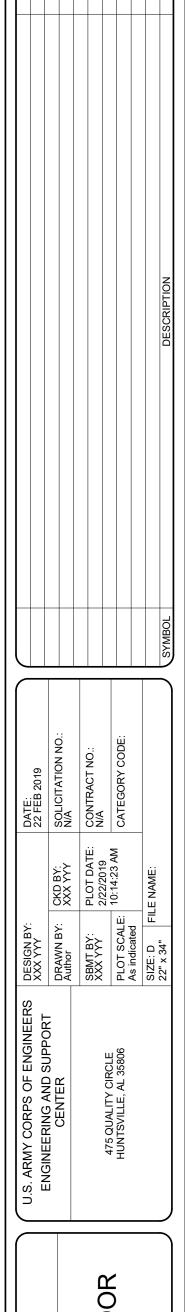
YC SMALL BIM DESIGN							
DESCRIPTION	TOTAL GROSS AREA (FT2)	HALF AREA	ADJUSTED GROSS AREA (FT2)				
FIRST FLOOR	18,064	N	18,064				
MEZZANINE	325	N	325				
ENTRY CANOPY	120	Υ	60				
OVERALL FACILITY SQUARE FOOTAGE SHOWN			18,449				
STANDARD DESIGN MAXIMUM			18,756				
DIFFERENCE			307				







US Army Corps of Engineers ® HUNTSVILLE CENTER



- FIRST PLAN

PLATE REFERENCE NUMBER A-101 SHEET OF 120

10' - 0" STORAGE, SPORTS EQUIPMENT MEZZANINE OPEN TO BELOW OPEN TO BELOW OPEN TO BELOW

MEZZANINE PLAN

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

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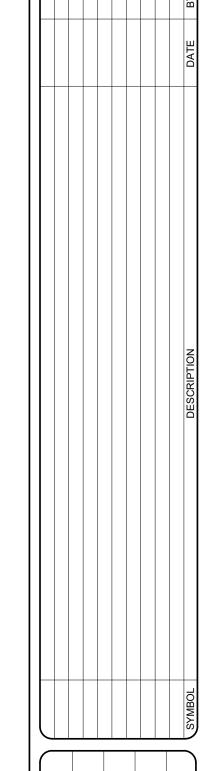
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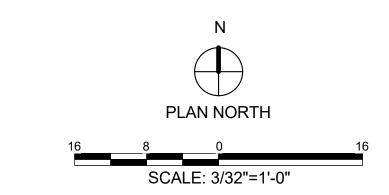
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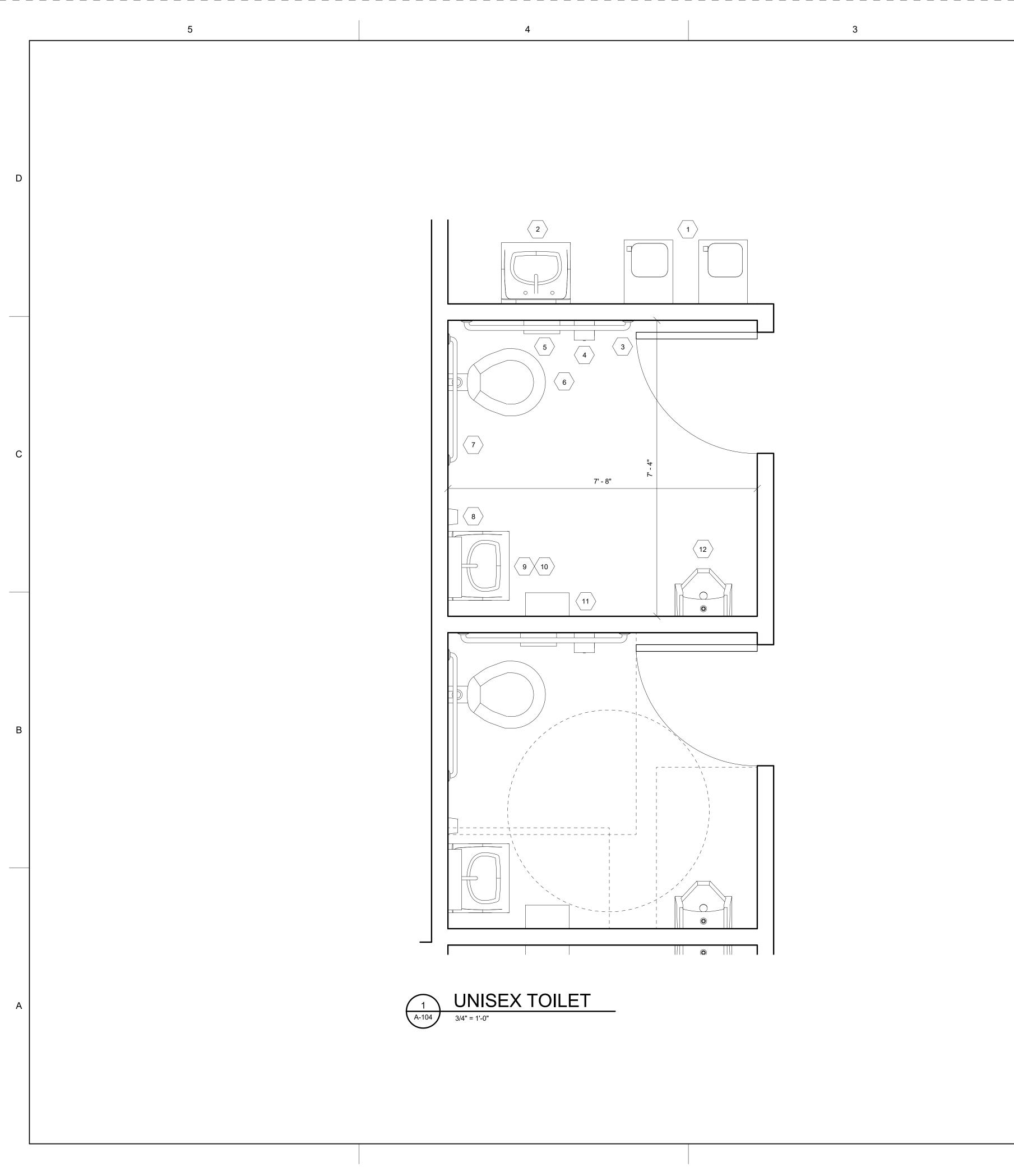




22 FEB 2019	SOLICITATION NO.:	CONTRACT NO.: N/A	CATEGORY CODE:		
	CKD BY:	PLOT DATE: 2/22/2019	10:14:24 AM	E NAME:	
XXX XXX	DRAWN BY: CKD BY: Author	SBMT BY:	PLOT SCALE: As indicated	SIZE: D FILE NAME: 22" x 34"	
FINGINEERING AND SLIPPORT	CENTER	475 QUALITY CIRCLE HUNTSVILLE, AL 35806 As SIZ			

PLATE REFERENCE NUMBER A-102 SHEET OF 120





KEY NOTES

2

DRINKING FOUNTAIN, 2 LEVELS

LAVATORY (HANDSINK), WALL-MOUNTED

GRAB BAR, 42" MINIMUM

4 TOILET TISSUE DISPENSER

5 SANITARY NAPKIN RECEPTACLE

6 WATER CLOSET (TOILET), WALL-MOUNTED

7 GRAB BAR, 36" MINIMUM

8 SOAP DISPENSER

9 MIRROR, WALL-MOUNTED

10 LAVATORY (HANDSINK), WALL-MOUNTED

11 PAPER TOWEL DISPENSER

(12) URINA

13 LOCKER, DOUBLE TIER

DESCRIPTION DATE BY

US Army Corps of Engineers ®

HUNTSVILLE CENTER

U.S. ARMY CORPS OF ENGINEERS

Besigner

CENTER

CENTER

Author

SBMT BY:
Approver

Author

Author

Author

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ENLARGED TOILET PLA

PLATE
REFERENCE
NUMBER
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SHEET OF 120

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