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MANUFACTURED BY:
CXT INC. (TX)
901 N. HIGHWAY 77
HILLSBORO, TX 76645

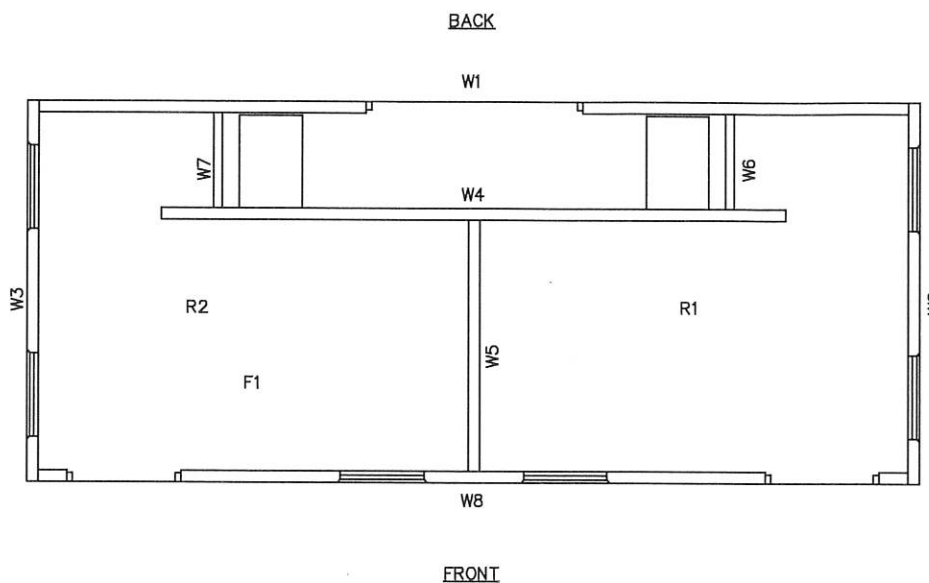
DAKOTA

SITE ADDRESS:
BEULAH HEIGHTS PARK
809 E JEFFERSON AVE,
FOLEY, AL 36535

NOTES

- BUILDING IS DESIGNED TO COMPLY WITH THE 2021 INTERNATIONAL BUILDING CODE (IBC).
- DESIGN COMPLIES WITH THE PROVISIONS OF THE 2021 IBC CODE FOR THE FOLLOWING LOADS:
GROUND SNOW LOAD = 250 PSF
ROOF SNOW LOAD = 210
FLOOR LIVE LOAD = 400 PSF
IBC DESIGN SPECTRAL RESPONSE $S_s = 0.401$, $S_1 = 0.175$
SITE CLASS D
RISK CATEGORY: II
SEISMIC DESIGN CATEGORY: D
BEARING WALL SYSTEM $R = 4.0$
A5 - INTERMEDIATE PRECAST SHEARWALLS BASIC
WIND - $V_{ULT} = 150$ MPH
WIND - $V_{ASD} = 116$ MPH
WIND EXPOSURE C
OCCUPANT LOAD: 3
***BUILDING IS NOT TO BE PLACED IN A LOCATION WHERE LOADS EXCEED THE VALUES PROVIDED ABOVE
***BUILDING IS NOT TO BE LOCATED IN A WIND BORNE DEBRIS REGION
- CONSTRUCTION TYPE: V-B
OCCUPANCY: U
EXTERIOR WALLS: 1-HR RATED PER IBC TABLE 720.1(2), ITEM 4-1.1
MINIMUM FIRE SEPARATION DISTANCE: 10' PER IBC TABLE 705.8
MAXIMUM UNPROTECTED OPENING AREA: 8.47% (WALL W2 & W3)
- CONCRETE STRENGTH $f'_{ci} = 2500$ PSI INITIAL $f'_{c} = 5000$ PSI AIR ENTRAINMENT $6\% \pm 1\ 1/2\%$ IN PLASTIC CONCRETE.
REINFORCING STEEL: ASTM A615 #3 GRADE 40, #4 AND LARGER GRADE 60 $F_y=60$ KSI, MINIMUM LAP 18" AT SPLICES. TIE BARS WITH DOUBLE ANNEALED 16 GA IRON WIRE. REINFORCING TO BE PLACED IN CENTER OF PANEL UNO. REINFORCING STEEL SHALL BE ACCURATELY PLACED, ADEQUATELY SUPPORTED AND SECURED AGAINST DISPLACEMENT BEFORE CONCRETE IS PLACED AND SHALL ALSO MET THE STANDARDS SET FORTH IN ACI 318. WELDED WIRE FABRIC(W.W.F.): ASTM A1064, 4x4xW6.7xW6.7, $F_y=80$ KSI (OR EQUIVALENT), SMOOTH WIRE, MIN. LAP 2 SQUARES.
- EMBEDDED ITEMS IDENTIFIED ON DRAWINGS(i.e. PS-2, R301) REFER TO CXT STANDARD EMBEDMENT CATALOG.
- BACK OF PANELS TO HAVE SMOOTH TROWEL FINISH U.N.O. ALL SURFACES TO BE TEXTURED ARE NOTED ON PANEL DWG'S
- REFER TO SEPARATE CXT INCORPORATED SPECIFICATIONS COVERING DESIGN, MATERIALS, PRODUCTION, AND INSTALLATION CRITERIA FOR SPECIFIC STYLE OF BUILDING.
- ALL REBAR BENDS TO HAVE A MINIMUM RADIUS OF 6x THE BAR DIAMETER.
- ADEQUATE PLUMBING FACILITIES MUST BE PROVIDED IN ACCORDANCE WITH THE 2021 IBC (NOT BY CXT)
- INSTALLATION TO MEET APPLICABLE FEDERAL, STATE, AND LOCAL CODES BY OTHERS.

PANEL MARK NO. KEY PLAN



INDEX OF DRAWINGS

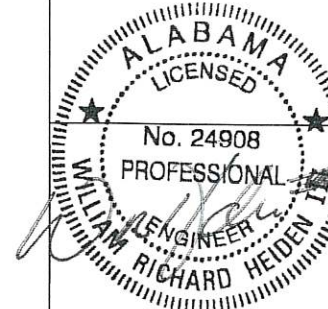
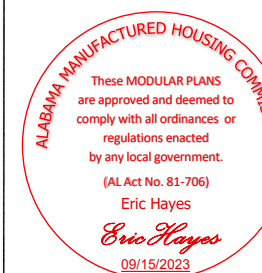
NO.	TITLE
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APPLICABLE CODES

- 2021 INTERNATIONAL BUILDING CODE (IBC)
- 2021 INTERNATIONAL PLUMBING CODE
- 2021 INTERNATIONAL MECHANICAL CODE
- 2020 NATIONAL ELECTRICAL CODE (NEC)
- 2021 INTERNATIONAL ENERGY CONSERVATION CODE (2019 ASHRAE 90.1)
- 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN

SPECIAL CONDITIONS AND/OR LIMITATIONS

ACCESSIBILITY TO THIS BUILDING, INCLUDING PARKING, IS TO BE PROVIDED BY OTHERS AND CONSTRUCTED IN ACCORDANCE WITH ALL LOCAL BUILDING CODES.



LB Foster
CXT® Products

6707 E. Flamingo Ave. Bldg 300, Nampa, ID 83687
901 N. Highway 77 Hillsboro, TX 76645
362 Waverly Road Williamstown, WV 26187

PROJECT TITLE
DAKOTA
BUILDING NUMBER DK-108

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CXT Incorporated

REV.	DESCRIPTION	DATE	APPROVAL	DATE
1	CHANGED RESTROOM LIGHTS	BHA	7/7/23	
SCALE	3/16"=1'-0"	DATE	8/27/23	
DRAWN	B. ARNESS	FILE NO.	DK-108	
CHECKED	MCT	PLOT	64	

COVER SHEET

DWG NO.	SHEET	REV.
DK-01	1/25	1

CASTING TOLERANCES:

OVERALL LENGTH OR WIDTH	10 FT OR UNDER = ± 1/8"
	10 TO 20 FT = ± 1/16"
	20 TO 40 FT = ± 1/4"
TOTAL THICKNESS	= -1/8, +1/4
VARIATION FROM SQUARE	= ±1/8 PER 8 FT OF DIAGONAL
LOCAL SMOOTHNESS	= 1/4" IN 10 FT
SHEEP	= ±1/4"
POSITION OF TENDONS	= ±1/4"
POSITION OF BLOCKOUTS	= ±1/4"
SIZE OF BLOCKOUTS	= ±1/4"
POSITION OF EMBEDS	= ±1/4"
TEPPING AND FLUSHNESS OF PLATES	= +1/16, -1/4
BORING	= LENGTH/200
END SQUARENESS	= ±1/8"

ALABAMA STATE APPROVAL, TAG, & PE DRAWINGS (ECC ONLY) REQUIRED

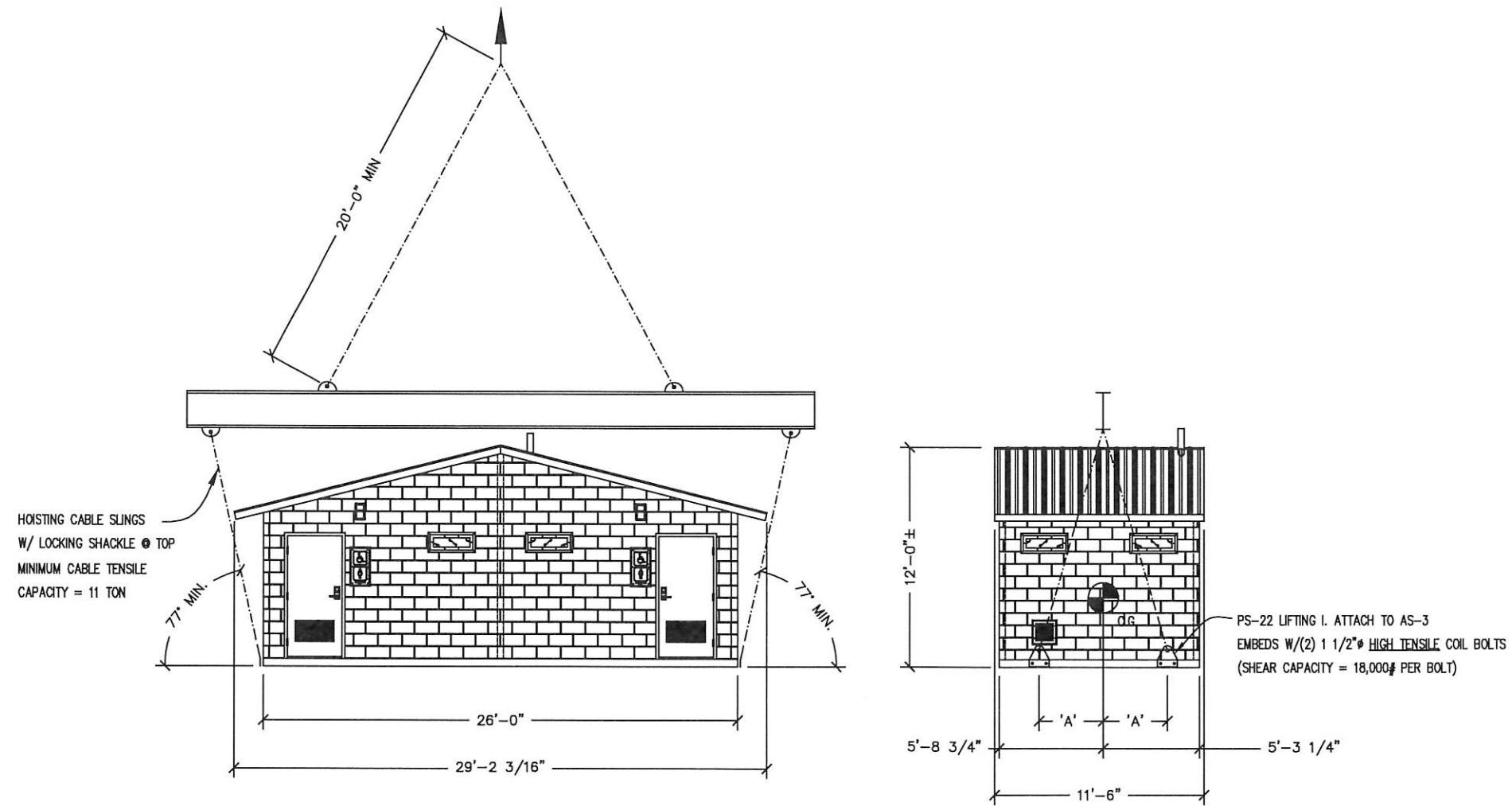
WALL TEXTURE:	SPLIT FACE BLOCK
WALL COLOR:	SW 7546 PRAIRIE GRASS
ROOF TEXTURE:	RIBBED METAL
ROOF COLOR:	HUNTER GREEN
TRIM PAINT:	DTM ALKYD ENAMEL HUNTER GREEN
SEALER:	STANDARD
PACKAGE:	MARINE

DAKOTA

RECOMMENDED HANDLING AND INSTALLATION INSTRUCTIONS

NOTES:

1. THE DAKOTA STYLE BUILDING CONSISTS OF ONE UNIT TO BE PLACED AT THE PROJECT SITE. PROPER SITE PREPARATION AND HANDLING IS ESSENTIAL FOR THE SAFE AND PROPER INSTALLATION OF THE BUILDING.
2. PROVIDE UTILITY CONNECTIONS (PLUMBING & ELECTRICAL) AS REQUIRED AND/OR AS CALLED FOR ON THE DRAWINGS.
3. FILL FLOOR BLOCKOUTS AFTER COMPLETION OF UTILITY HOOKUPS WITH CONCRETE. SLOPE TO DRAIN.

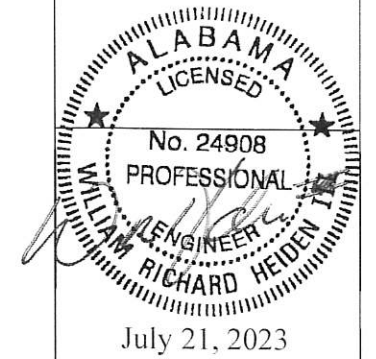


CRANE LIFTING SCHEMATIC

SHIPPING WEIGHTS AND DIMENSIONS				
SECTION	WEIGHT	LENGTH	WIDTH	HEIGHT
UNIT A	81,900	29'-3"	11'-6"	12'-0"

NOTES:

1. C.G. IS APPROXIMATE.
2. DIMENSION 'A' = 3'-6 1/4"



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SCALE	N.T.S.	DATE	8/27/23	
DRAWN	B. ANDREWS	FILE NO.	DK-108	
CHECKED	MCT	PLOT	98	

RIGGING DETAILS

DWG NO.	SHEET	REV.
DK-02	2	1
	25	

DOOR SCHEDULE						
	TYPE	FRAME	DOOR SIZE	MATERIAL	DOOR PREP/LATCH	VENTILATION
A	SINGLE	3/0 x 6/8 x 3-3/4"	3/0 x 6/8 x 1-3/4"	GALVANIZED	LH REVERSE - DEADBOLT - TRILOGY LATCH	LOUVER
	GLAZING	STOP	SWEEP	THRESHOLD	HINGES	KICK PLATE
	N/A	HAGER 230W	PEMKO P18062CP36B	PEMKO 170A36	PBB SPRING HINGE 4-1/2" x 4 1/2" STD. WEIGHT 26D FINISH	HAGER 190S 8"x34" US32D
B	SINGLE	3/0 x 6/8 x 3-3/4"	3/0 x 6/8 x 1-3/4"	GALVANIZED	RH REVERSE - DEADBOLT - TRILOGY LATCH	LOUVER
	GLAZING	STOP	SWEEP	THRESHOLD	HINGES	KICK PLATE
	N/A	HAGER 230W	PEMKO P18062CP36B	PEMKO 170A36	PBB SPRING HINGE 4-1/2" x 4 1/2" STD. WEIGHT 26D FINISH	HAGER 190S 8"x34" US32D
C	DOUBLE	6/0 x 6/8 x 3-3/4"	3/0 x 6/8 x 1-3/4"	GALVANIZED	RH-RVR ACTIVE, LH-RVR IN-ACTIVE - DEADBOLT - PASSAGE LATCH	N/A
	GLAZING	STOP	SWEEP	THRESHOLD	HINGES	KICK PLATE
	N/A	HAGER 230W	PEMKO P18062CP36B	PEMKO 170A36	PBB SPRING HINGE 4-1/2" x 4 1/2" STD. WEIGHT 26D FINISH	HAGER 190S 8"x34" US32D

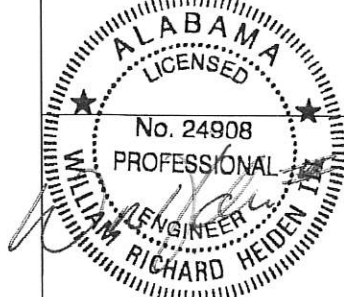
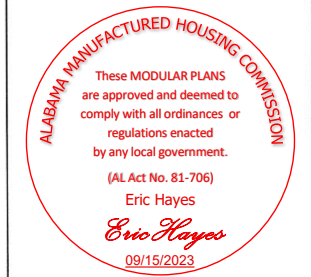
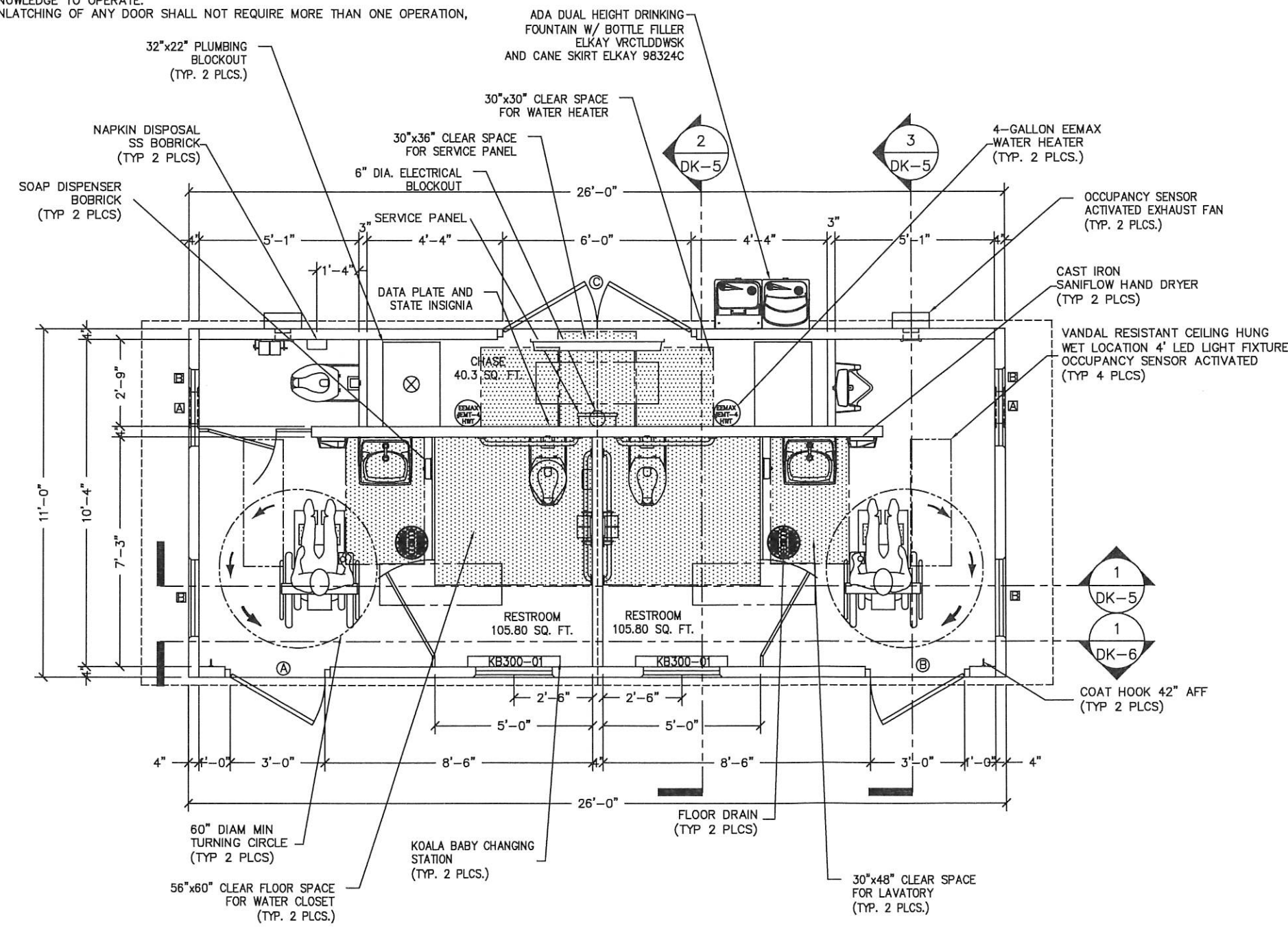
LIGHTING AND VENTILATION REQUIREMENTS		
	ADA RESTROOM	CHASE
AREA	105.80 SQ FT	40.33 SQ FT
REQUIRED VENTILATION	4.23 SQ FT	1.61 SQ FT
PROVIDED VENTILATION	22.79 SQ. FT.	40.00 SQ. FT.
REQUIRED NATURAL LIGHTING	8.46 SQ FT	3.23 SQ FT
PROVIDED NATURAL LIGHTING	3.00 SQ FT ***	0.00 SQ FT ***

***ARTIFICIAL LIGHTING PROVIDED TO MEET REQUIRED FOOT CANDLES.
MARINE PACKAGE

WINDOW & VENT SCHEDULE	
SYMBOL	DESCRIPTION
A	MS-2 EMBED
B	MS-4 EMBED

LEXAN SELF-IGNITION > 1000, SMOKE DENSITY < 75, CLASS CC1.

- ALL EXTERIOR DOORS AND WINDOWS TO BE LISTED AND LABELED AS COMPLIANT WITH AAMA/WDMA/CSA101/LS2/A440 OR TESTED PER ASTM E330.
- DOOR HARDWARE SHALL NOT REQUIRE TIGHT PINCHING OR TWISTING OF THE WRIST OR SPECIAL KNOWLEDGE TO OPERATE.
- UNLATCHING OF ANY DOOR SHALL NOT REQUIRE MORE THAN ONE OPERATION.



July 21, 2023

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BUILDING NUMBER DK-108

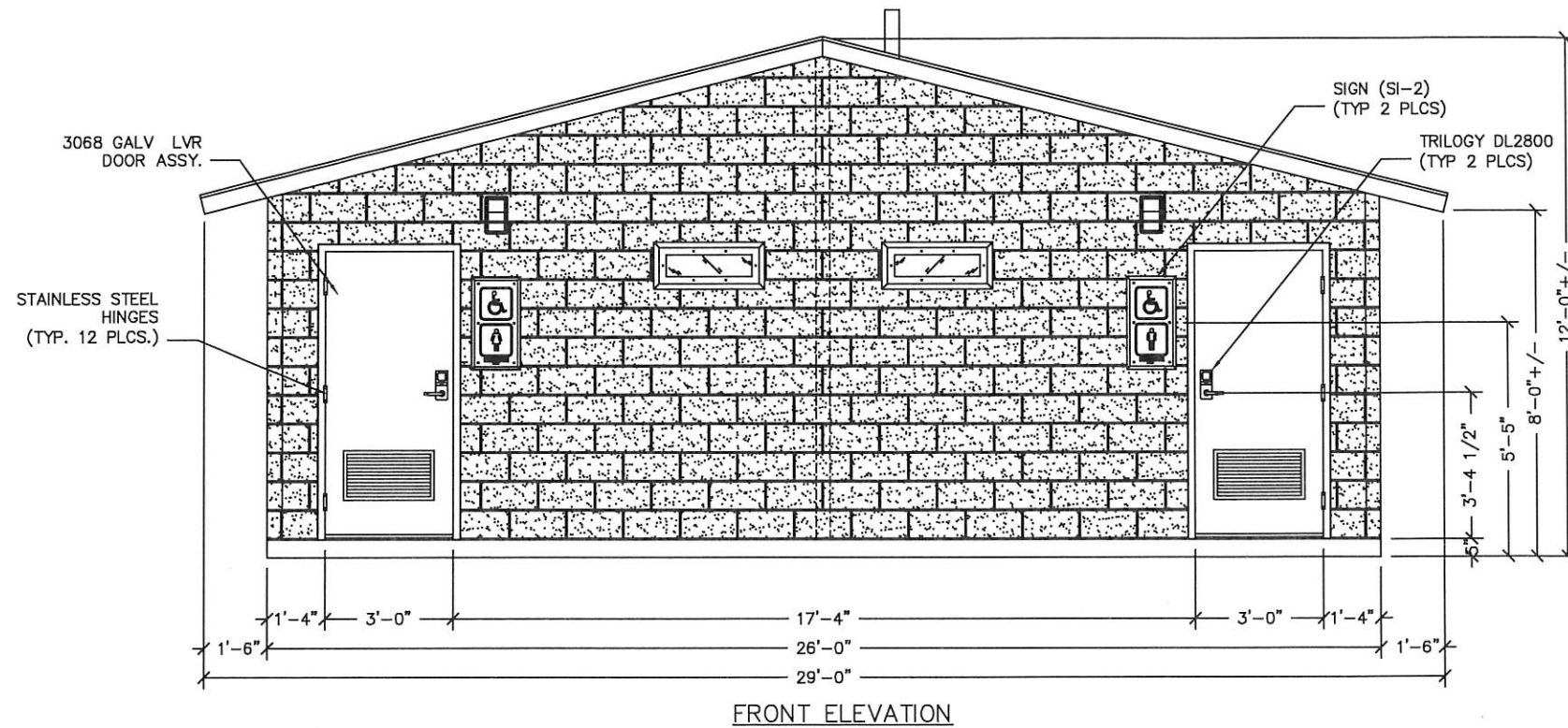
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REV.	DESCRIPTION	DATE	APPROVAL
1	CHANGED RESTROOM LIGHTS	7/7/23	BHA
SCALE	1/4"=1'-0"	DATE	6/27/23
DRAWN	B. ARNESS	FILE NO.	DK-108
CHECKED	MCT	PLOT	48

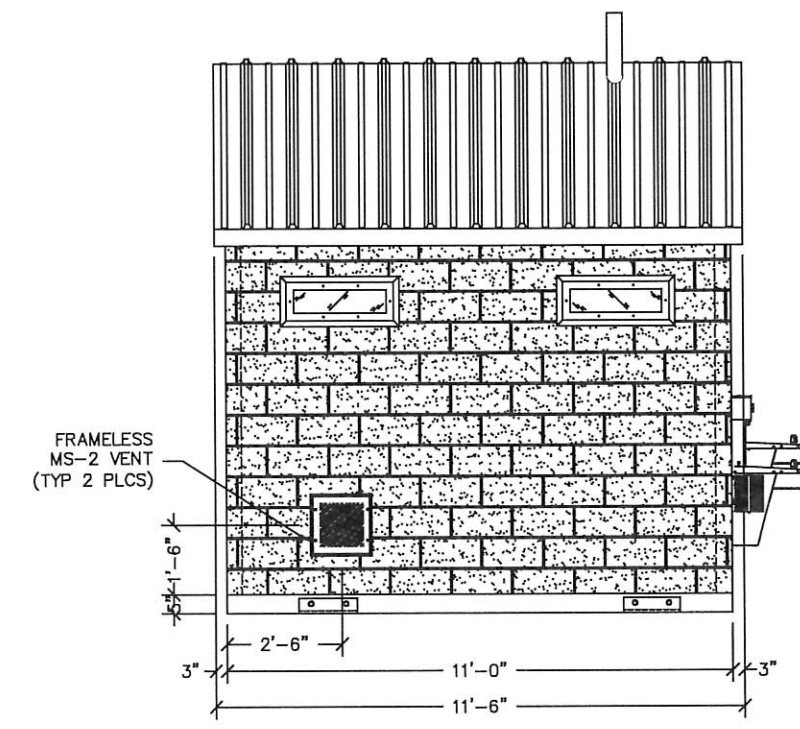
FLOOR PLAN

DWG NO.	SHEET	REV.
DK-03	3/25	1

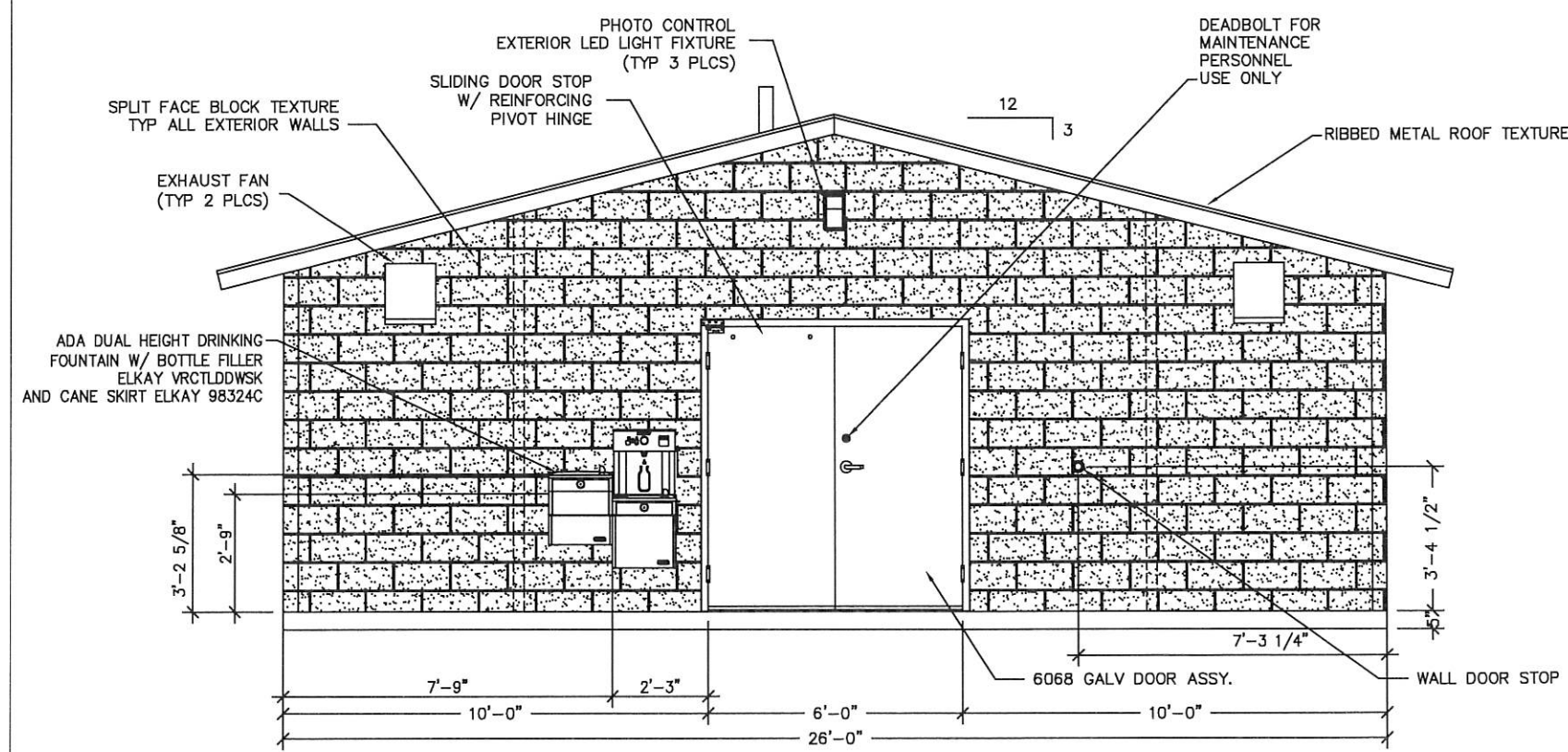
NOTE: ELECTRICAL AND PLUMBING COMPONENTS ARE SHOWN FOR GENERAL ARRANGEMENT ONLY. SEE SHEETS DK-20 THRU DK-24 FOR COMPLETE SYSTEM DESCRIPTIONS.



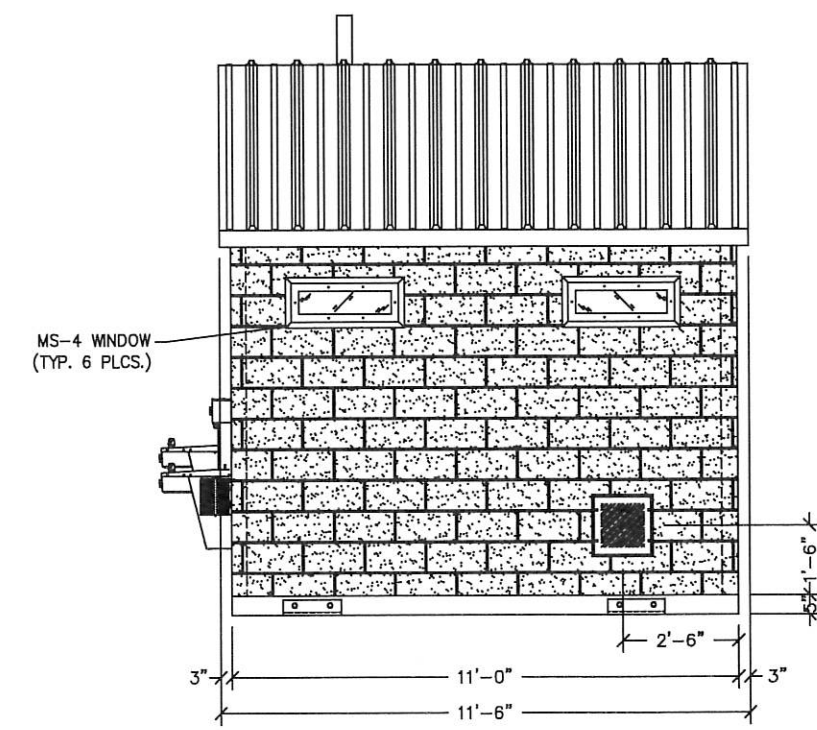
FRONT ELEVATION



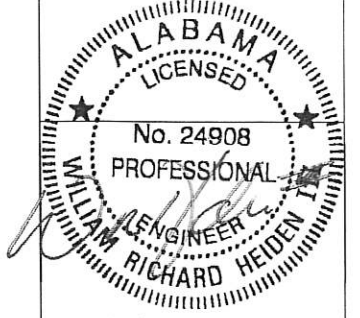
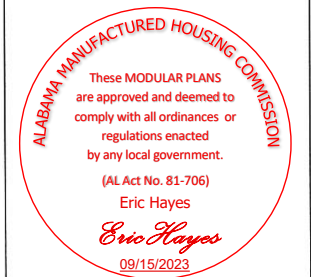
RH ELEVATION



REAR ELEVATION



LH ELEVATION



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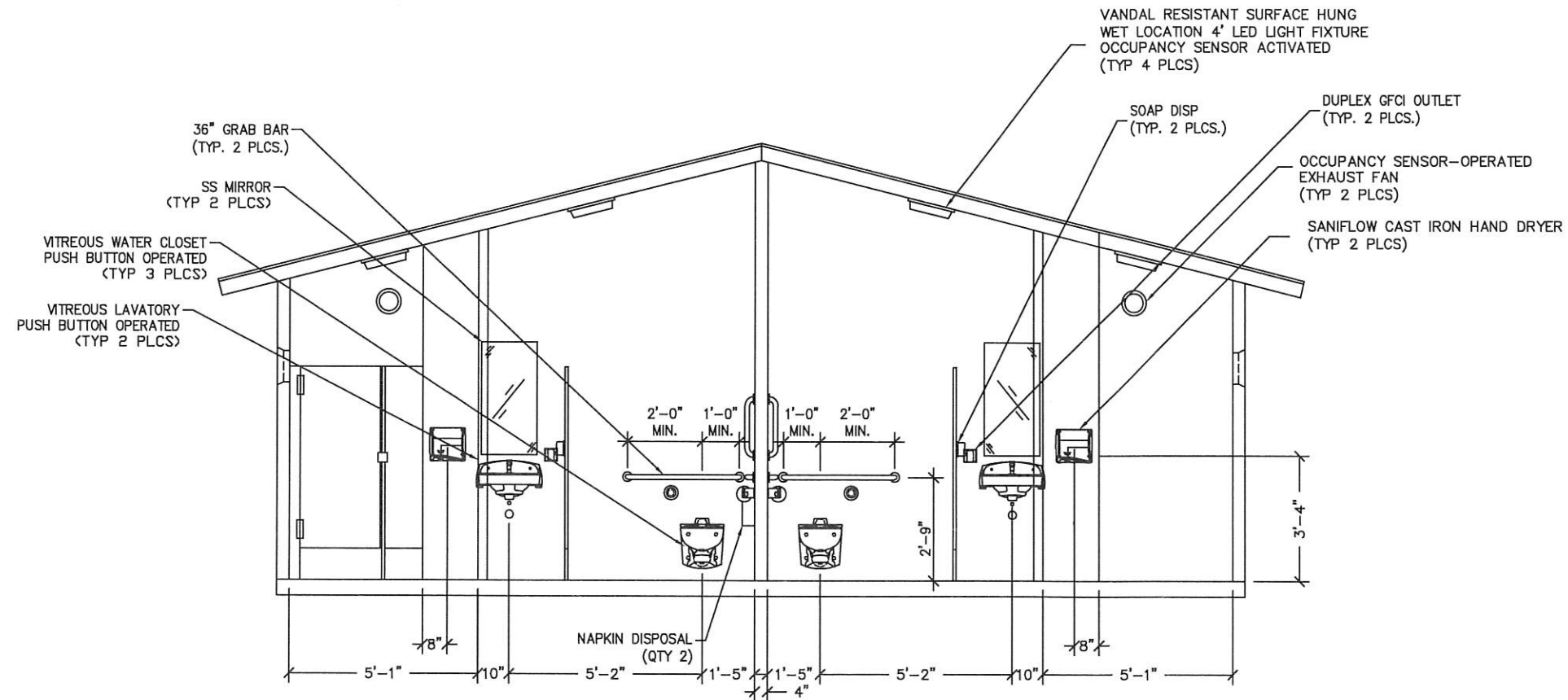
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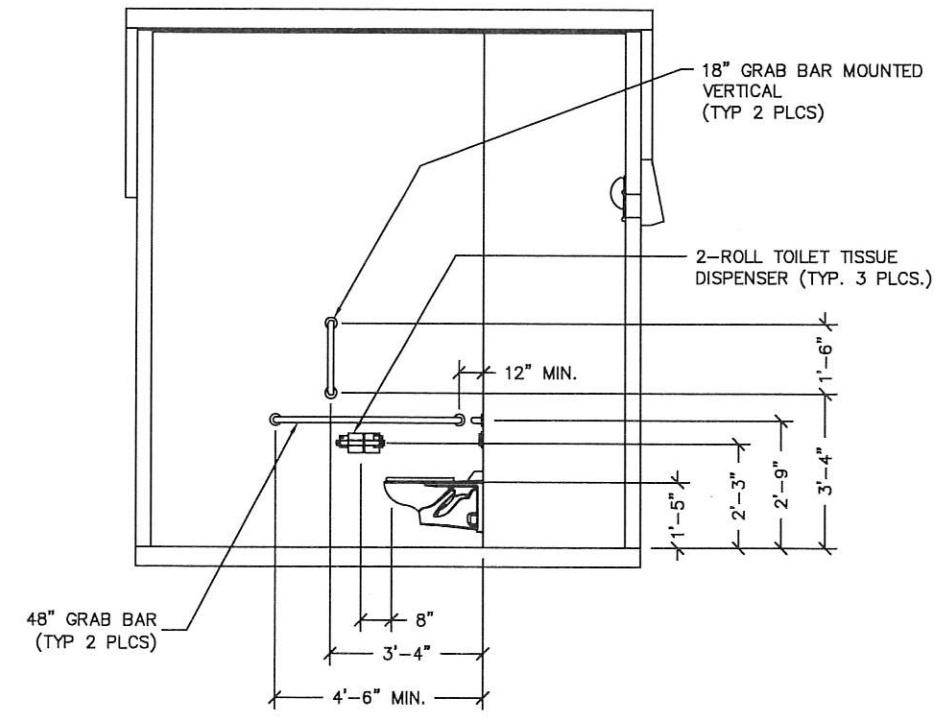
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SCALE	1/4"=1'-0"	DATE 6/23/23
DRAWN	B. ARNESS	FILE NO. DK-108
CHECKED	MCT	PLOT 48

BUILDING ELEVATIONS

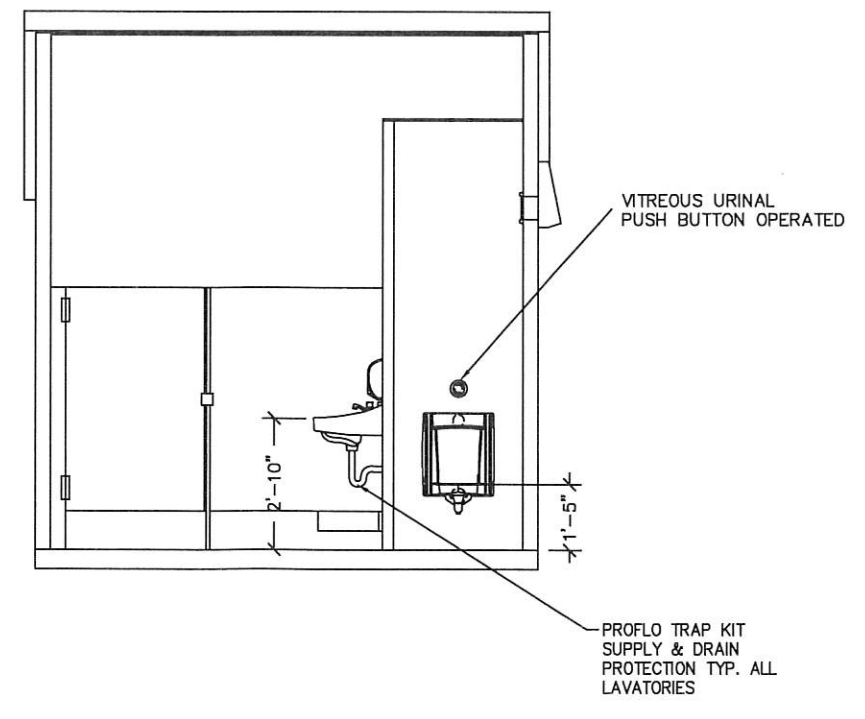
DWG NO.	SHEET	REV.
DK-04	4	1
	25	



1 INTERIOR ELEVATION - MIDDLE (CHASE) WALL

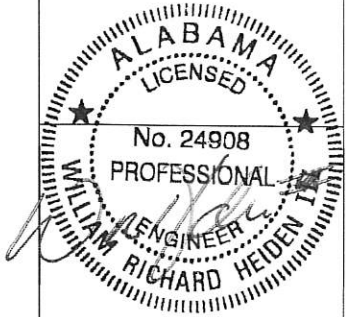


2 INTERIOR ELEVATION - STALL SIDE WALL



3 INTERIOR ELEVATION - MEN'S ROOM

ALABAMA MANUFACTURED HOUSING COMMISSION
 These MODULAR PLANS are approved and deemed to comply with all ordinances or regulations enacted by any local government.
 (AL Act No. 81-706)
 Eric Hayes
Eric Hayes
 09/15/2023



July 21, 2023

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 362 Waverly Road, Williamstown, WV 26187

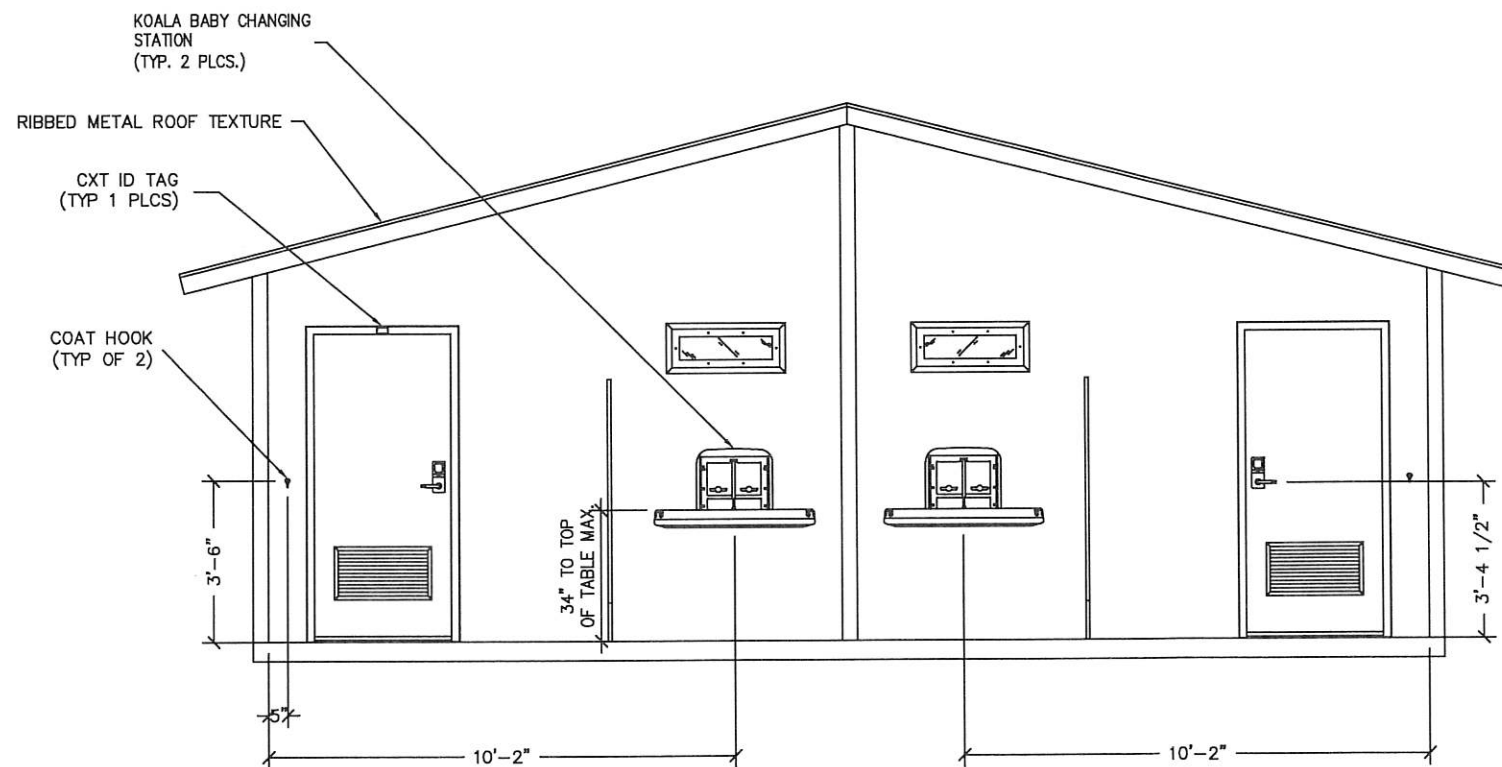
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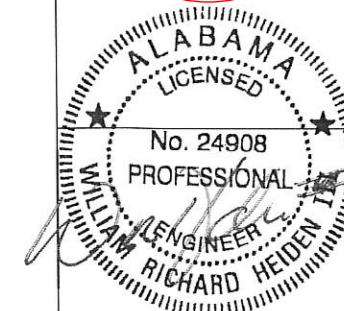
INTERIOR ELEVATIONS

DWG NO.	SHEET	REV.
DK-05	5 25	1



1 INTERIOR ELEVATION - FRONT WALL

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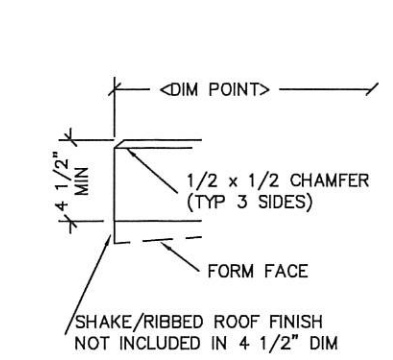
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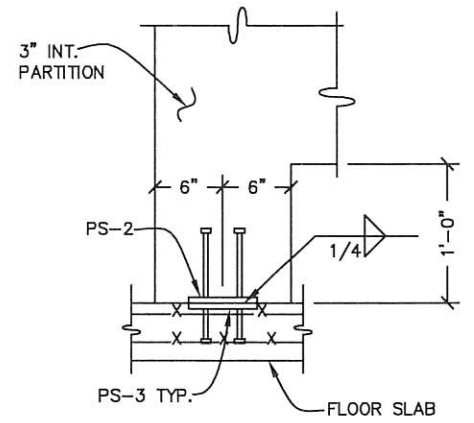
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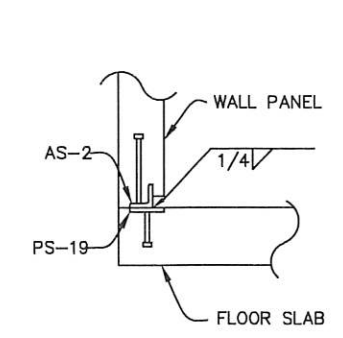
INTERIOR ELEVATIONS		
DWG NO.	SHEET	REV.
DK-06	6	1
	25	



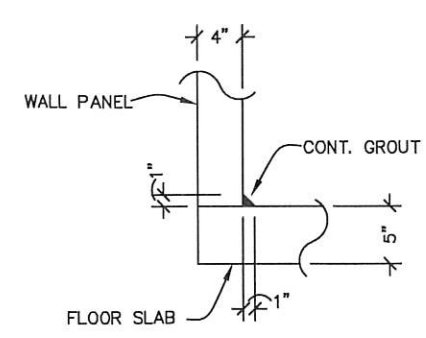
1 TYPICAL ROOF SLAB EDGE



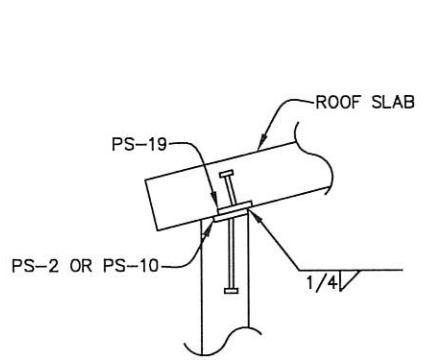
2 INT. PARTITION BASE CONNECTION



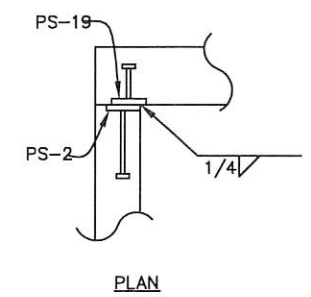
3 TYP. WALL TO FLOOR SLAB WELDED CONNECTION



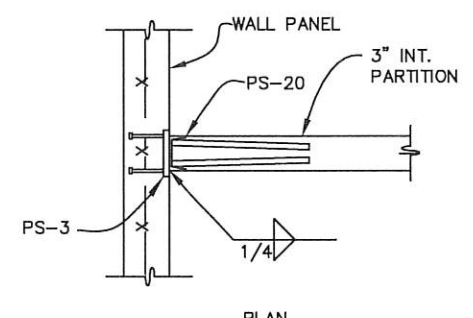
4 TYP. WALL TO FLOOR SLAB JOINT DETAIL



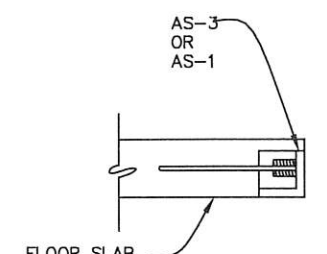
5 TYP. WALL TO ROOF SLAB WELDED CONNECTION



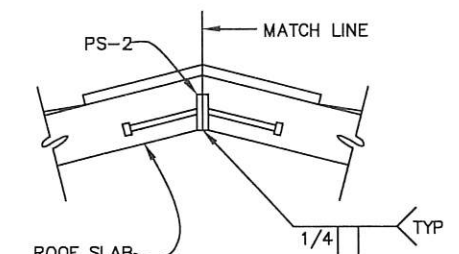
6 TYP. WALL TO WALL PANEL WELDED CONNECTION



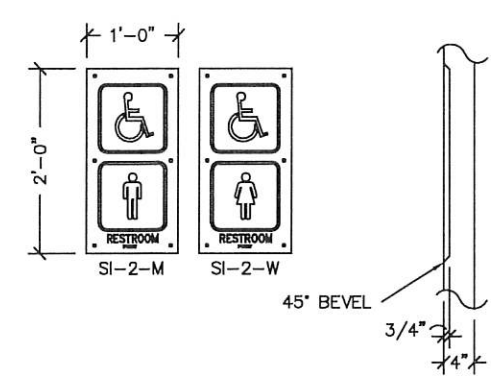
7 TYP. INTERIOR PARTITION TO WALL CONNECTION



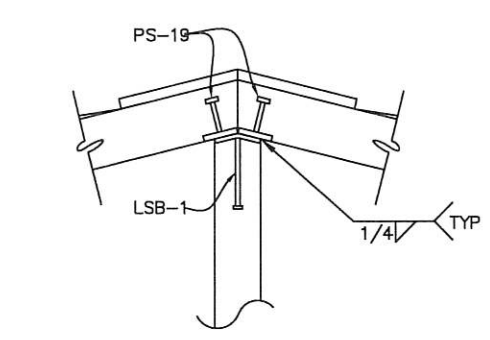
8 FLOOR LIFT PLATE DETAIL



9 ROOF PEAK WELDMENT DETAIL



10 SIGN SI-2 DETAIL



11 ROOF PEAK TO INTERIOR WALL CONNECTION

ALABAMA MANUFACTURED HOUSING COMMISSION
 These MODULAR PLANS are approved and deemed to comply with all ordinances or regulations enacted by any local government.
 (AL Act No. 81-706)
 Eric Hayes
 09/15/2023

ALABAMA LICENSED
 No. 24908
 PROFESSIONAL ENGINEER
 WILLIAM RICHARD HEIDEN

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DATE	DESCRIPTION	APPROVAL	DATE
SCALE	INTS	DATE	6/27/23
DRAWN	B. ARNESS	FILE NO.	DK-108
CHECKED	MCT	PLOT	48

DETAILS

DWG NO.	SHEET	REV.
DK-07	7	1
	25	

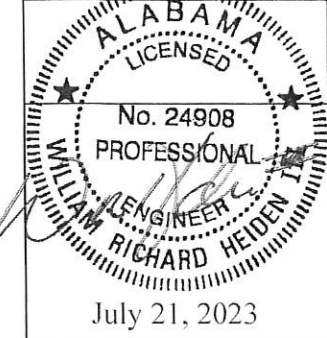
MARINE PACKAGE

EMBEDDED MATERIALS	
ITEM	QTY
AS-2 SS	6
PS-2 SS	10
FL-648	4
R411	4
R3x92	4
R3x110	8
R3x180	4
R320	12
R327	2
R316	1
R303	4
B.O. 76 1/8" x 82 1/4"	1
4x4 E-BOX	2
ROUND MUD RING	1
4x4 J-BOX	4
PS-19 SS	4
B.O. 6" x 6" SQ.	1

ALABAMA MANUFACTURED HOUSING COMMISSION
 These MODULAR PLANS are approved and deemed to comply with all ordinances or regulations enacted by any local government.
 (AL Act No. 81-706)
 Eric Hayes
Eric Hayes
 09/15/2023

CU. FT. CONC.	SQ. FT. W.W.F.
66.4 (2.46)	199

APPROXIMATE WEIGHT
 8,050



LB Foster
 CXT® Products

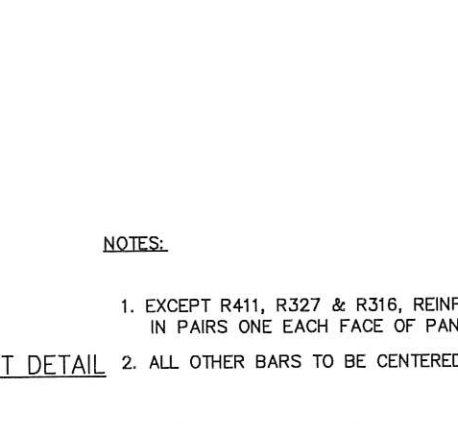
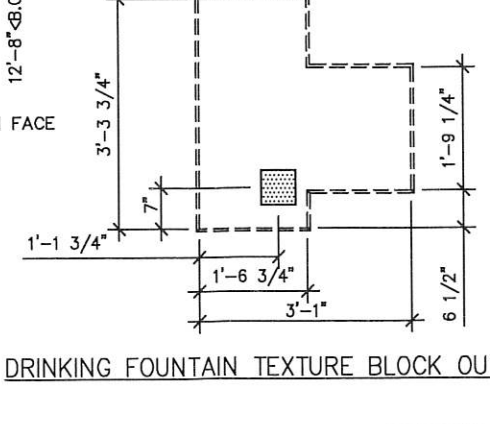
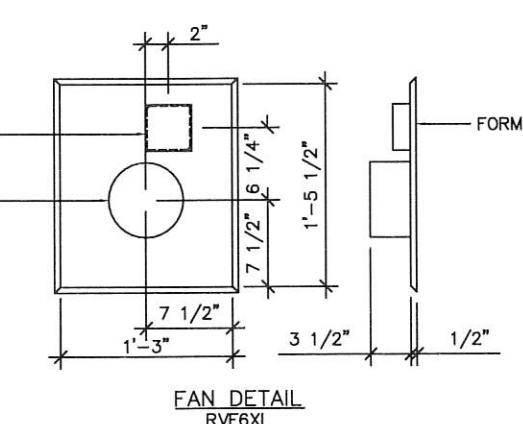
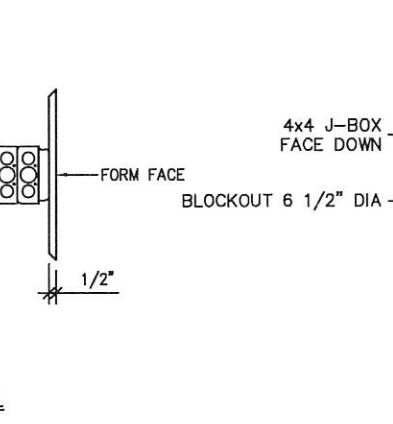
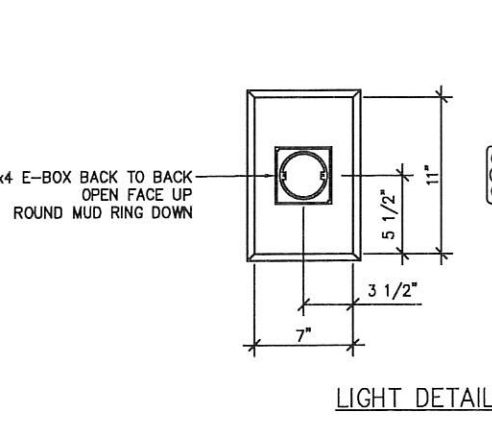
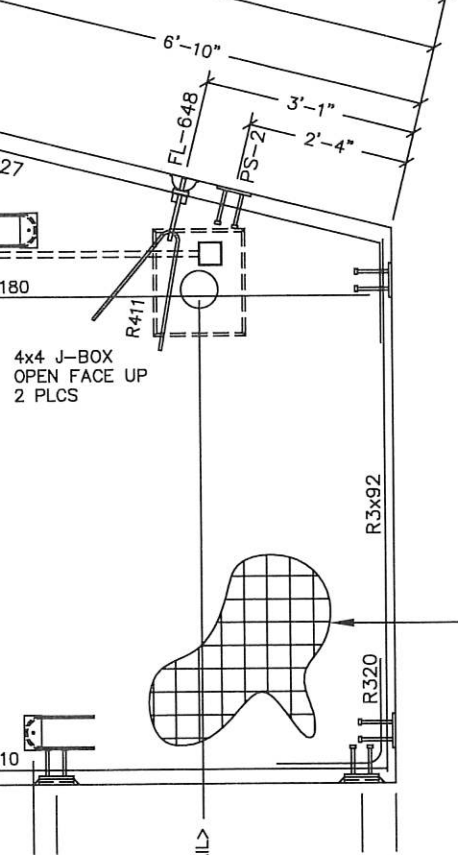
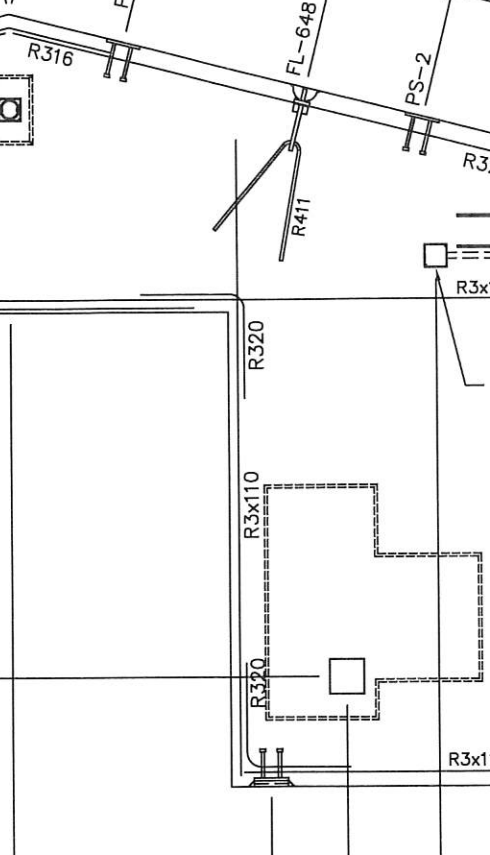
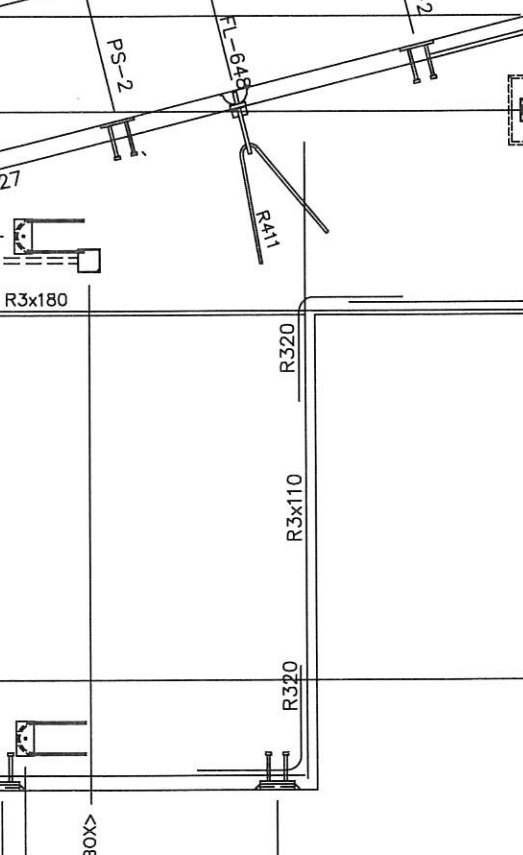
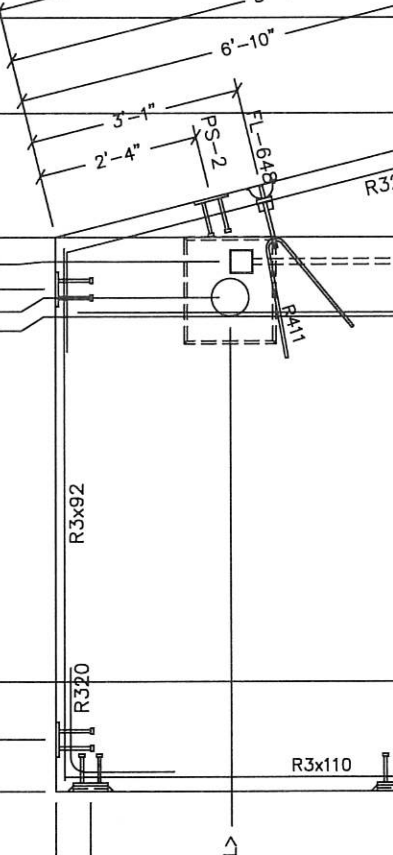
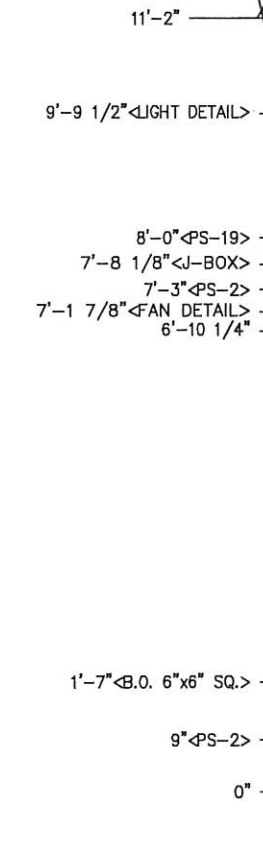
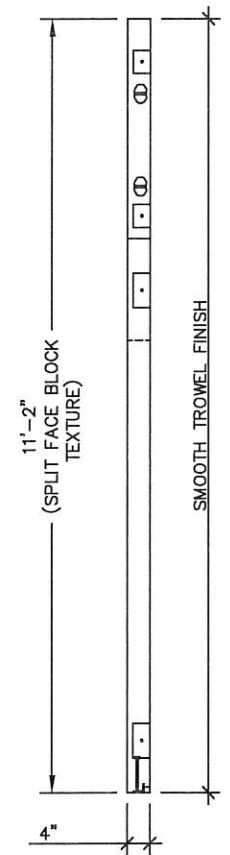
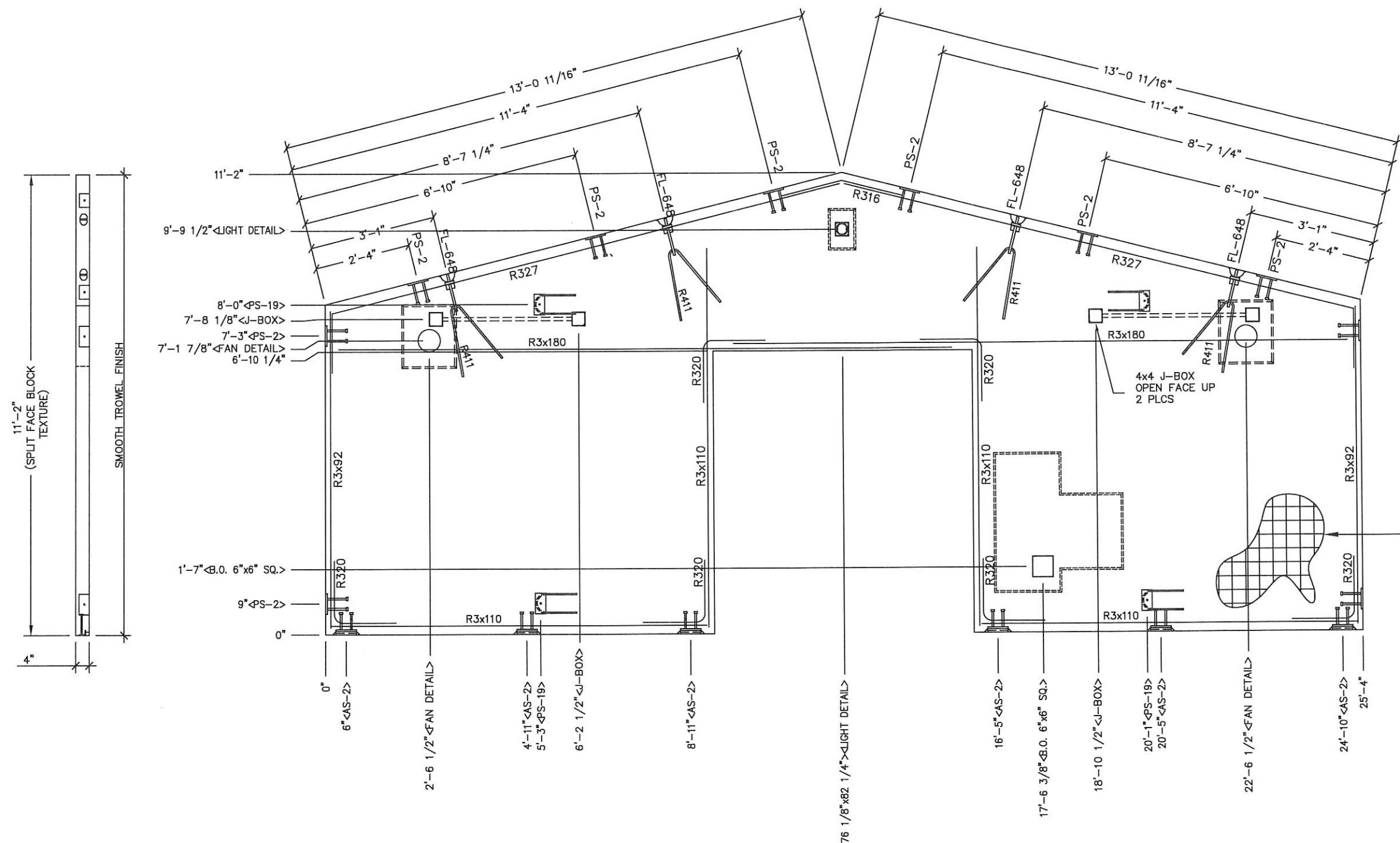
6707 E. Flamingo Ave. Bldg 300, Nampa, ID 83687
 901 N. Highway 77 Hillsboro, TX 76645
 362 Waverly Road Williamstown, WV 26187

PROJECT TITLE
DAKOTA
 BUILDING NUMBER DK-108

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 CXT Incorporated

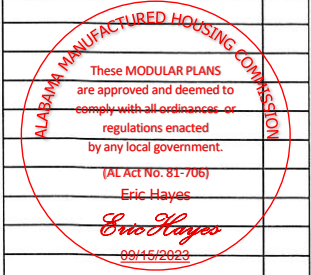
1	CHANGED RESTROOM LIGHTS	BHA	7/7/23
SCALE	1/8" = 1'-0"	DATE	6/27/23
DRAWN	B. AUNESS	FILE NO.	DK-108
CHECKED	MCT	PLOT	32

WALL PANEL MARK W1	
DWG NO.	SHEET
DK-08	8
	25
REV.	1



- NOTES:
- EXCEPT R411, R327 & R316, REINFORCING BARS TO BE PLACED IN PAIRS ONE EACH FACE OF PANEL W/ 3/4" MIN. COVER
 - ALL OTHER BARS TO BE CENTERED IN PANEL.

EMBEDDED MATERIALS	
ITEM	QTY
AS-2 SS	3
PS-2 SS	1
PS-10 SS	2
PS-19 SS	4
R3x92	12
R3x128	8
R320	8
R3x38	2
R322	2
B.O. MS-2	1
B.O. MS-4	2



CU. FT. CONC.	SQ. FT. W.W.F.
28.3 (1.05)	82.4

APPROXIMATE WEIGHT



LBFoster
CXT® Products

6707 E. Flamingo Ave. Bldg 300, Nampa, ID 83687
901 N. Highway 77 Hillsboro, TX 76645
362 Waverly Road Willamstown, WV 26187

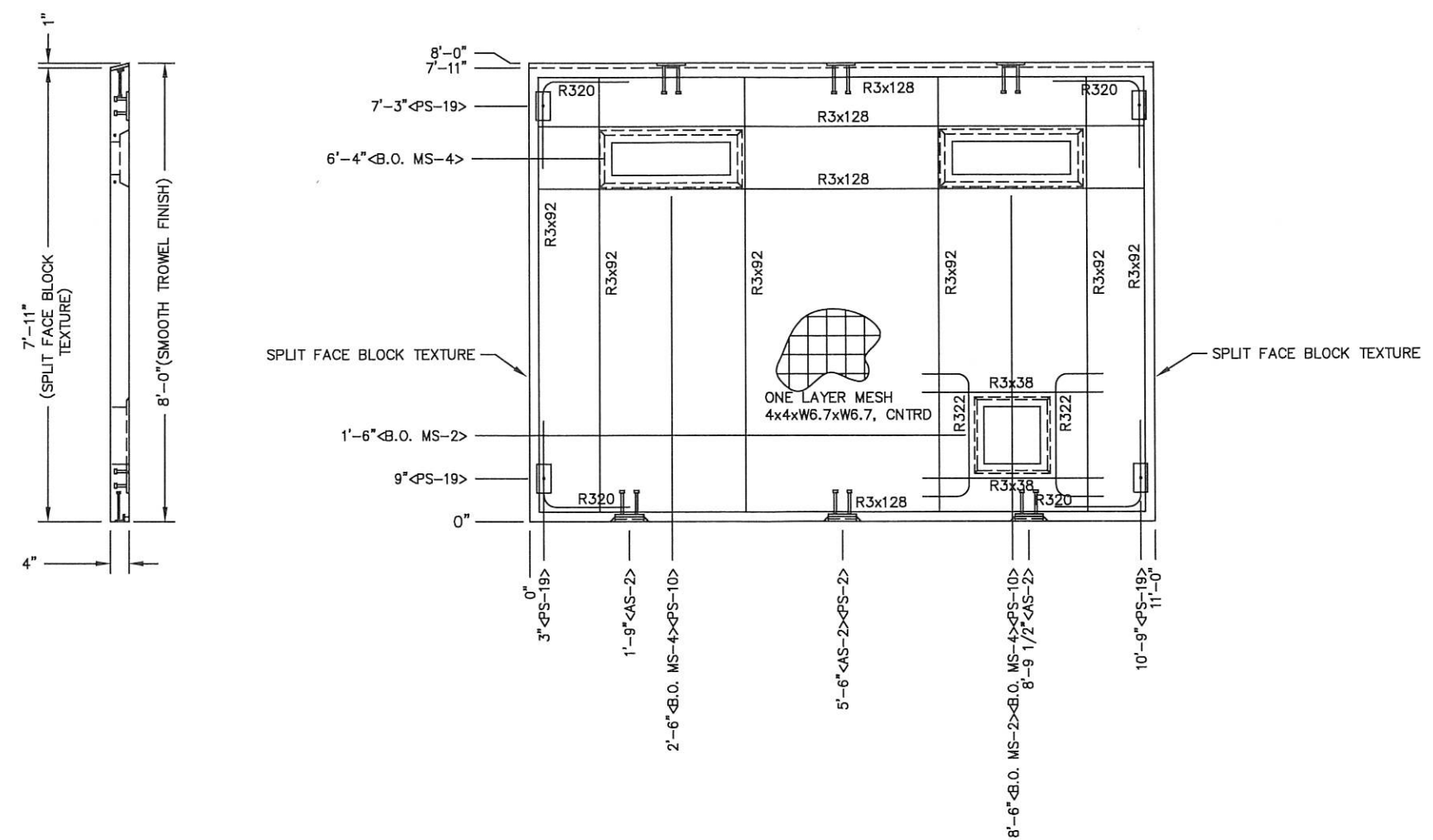
PROJECT TITLE
DAKOTA
BUILDING NUMBER DK-108

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CXT Incorporated

REV.	DESCRIPTION	DATE	APPROVAL	DATE
1	CHANGED RESTROOM LIGHTS	BHA	7/7/23	
	SCALE	3/8"=1'-0"	DATE	6/27/23
	DRAWN	B. ARRES	FILE NO.	DK-108
	CHECKED	MCT	PLOT	32

WALL PANEL MARK W2

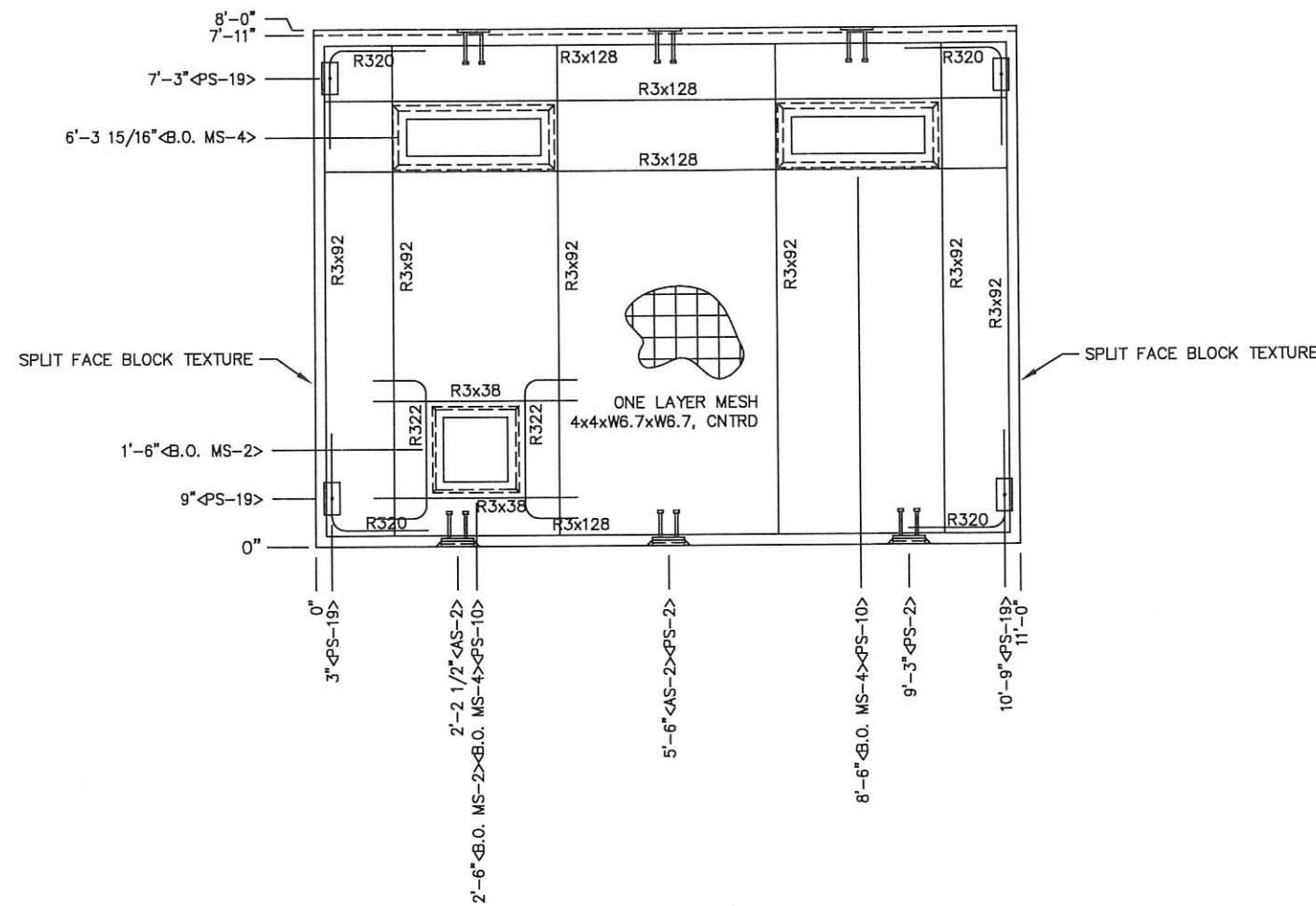
DWG NO.	SHEET	REV.
DK-09	9 25	1



NOTES:

- EXCEPT R322, R3x38 & R303, REINFORCING BARS TO BE PLACED IN PAIRS ONE EACH FACE OF PANEL W/ 3/4" MIN. COVER
- ALL OTHER REBAR TO BE CENTERED IN PANEL.

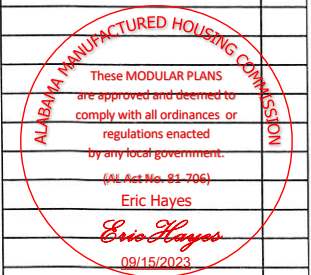
MARINE PACKAGE



NOTES:

- EXCEPT R322, R3x38 & R303, REINFORCING BARS TO BE PLACED IN PAIRS ONE EACH FACE OF PANEL W/ 3/4" MIN. COVER
- ALL OTHER REBAR TO BE CENTERED IN PANEL.

EMBEDDED MATERIALS	
ITEM	QTY
AS-2 SS	3
PS-2 SS	1
PS-10 SS	2
PS-19 SS	4
R3x92	12
R3x128	8
R320	8
R3x38	2
R322	2
B.O. MS-2	1
B.O. MS-4	2



CU. FT. CONC.	SQ. FT. W.W.F.
28.3 (1.05)	82.4

APPROXIMATE WEIGHT



LBFoster
CXT® Products

6707 E. Flamingo Ave. Bldg 300, Nampa, ID 83687
901 N. Highway 77 Hillsboro, TX 76645
362 Waverly Road Williamstown, WV 26187

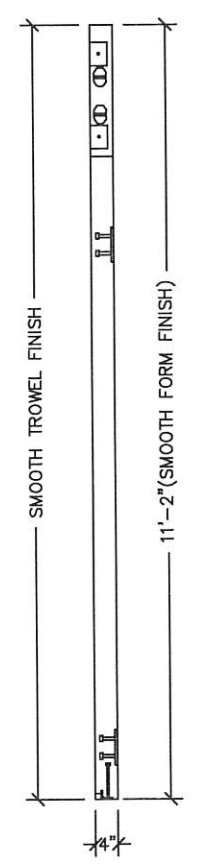
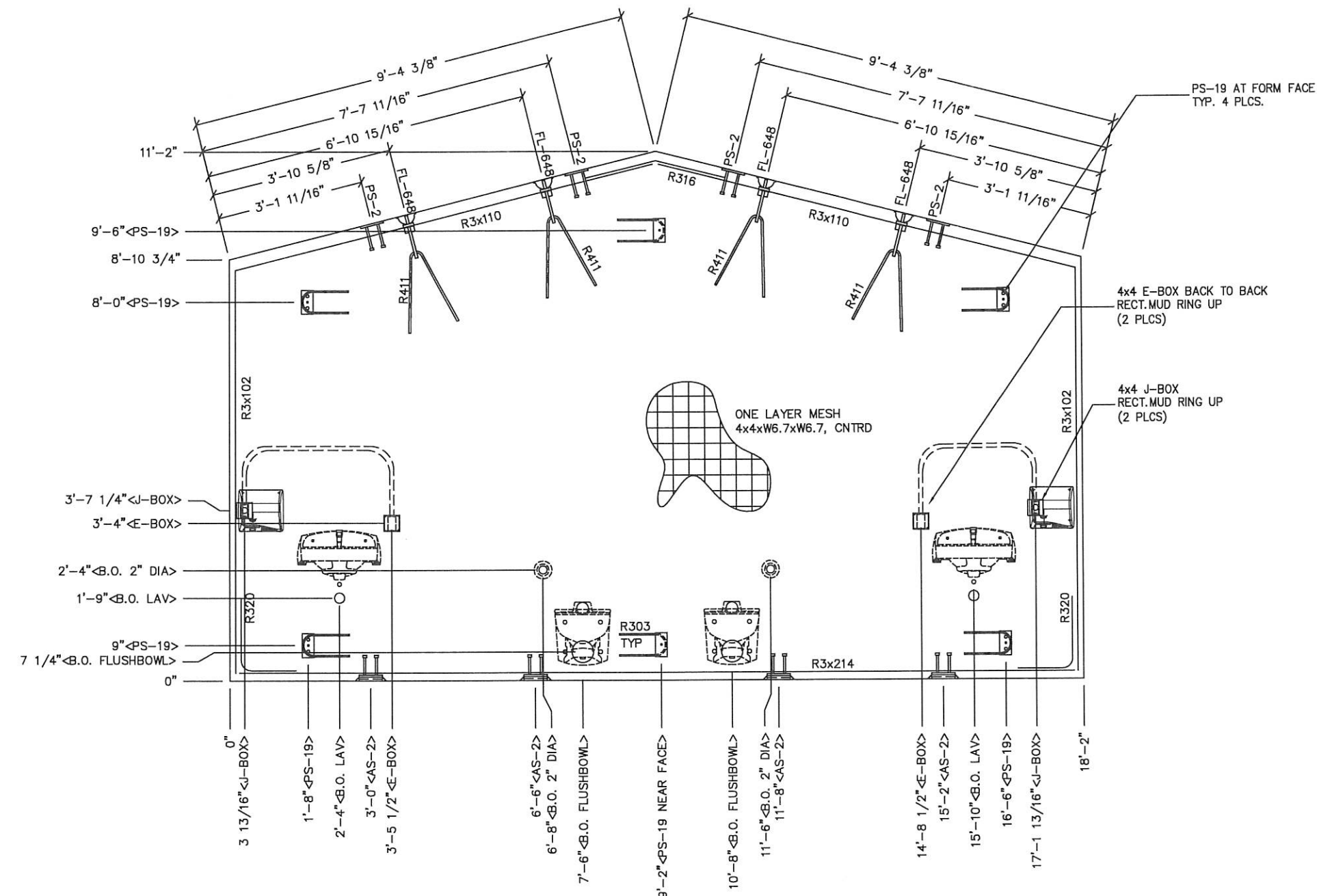
PROJECT TITLE
DAKOTA
BUILDING NUMBER DK-108

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CXT Incorporated

REV.	DESCRIPTION	DATE	APPROVED
1	CHANGED RESTROOM LIGHTS		BHA 7/7/23
SCALE	3/8"=1'-0"	DATE	8/27/23
DRAWN	B. ARNESS	FILE NO.	DK-108
CHECKED	MCT	PLOT	32

WALL PANEL MARK W3		
DWG NO.	SHEET	REV.
DK-10	10 25	1

MARINE PACKAGE



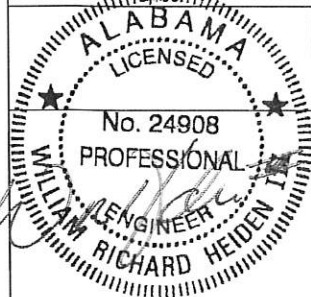
ALABAMA MANUFACTURED HOUSING COMMISSION

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(AL Act No. 81-706)
Eric Hayes
09/15/2023

EMBEDDED MATERIALS	
ITEM	QTY
AS-2 SS	4
PS-2 SS	4
PS-19 SS	6
FL-648	4
R411	4
R303	6
R3x110	2
R3x102	4
R316	1
R3x214	2
R320	4
B.O. FLUSHBOWL	2
4x4 E-BOX	4
B.O. 2" DIA	2
4x4 J-BOX	2
RECT MUD RING	4
B.O. LAV	2

CU. FT. CONC.	60.7 (2.25)	SQ. FT. W.W.F.	182
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APPROXIMATE WEIGHT 8405



July 21, 2023

LB Foster
CXT® Products

6707 E. Flamingo Ave. Bldg 300, Nampa, ID 83687
901 N. Highway 77 Hillsboro, TX 76645
362 Waverly Road Williamstown, WV 26187

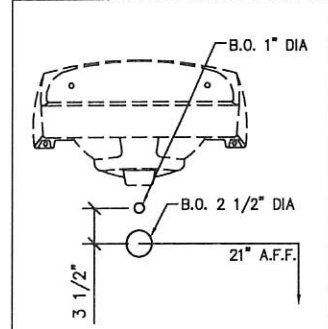
PROJECT TITLE
DAKOTA
BUILDING NUMBER DK-108

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CXT Incorporated

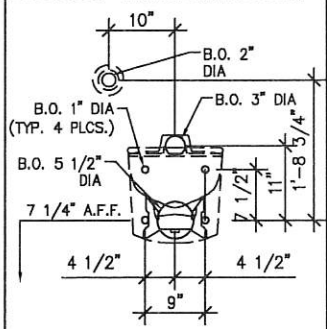
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SCALE	3/8"=1'-0"	DATE	6/27/23
DRAWN	B. ARNESS	FILE NO.	DK-108
CHECKED	MCT	PLOT	32

WALL PANEL MARK W4		
DWG NO.	SHEET	REV.
DK-11	11	1
	25	

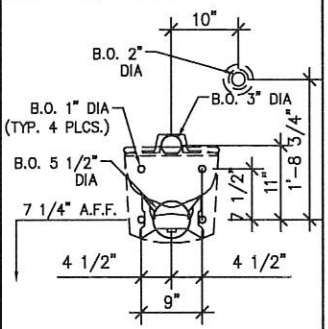
BLOCKOUT DETAIL LAVATORY DETAIL AMERICAN STANDARD 0356.421



BLOCKOUT DETAIL FLUSH VALVE BOWL DETAIL AMERICAN STANDARD 0356.421



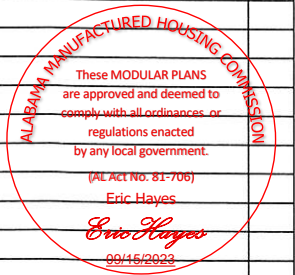
BLOCKOUT DETAIL FLUSH VALVE BOWL DETAIL AMERICAN STANDARD 0356.421



NOTES:

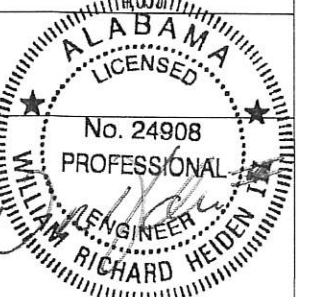
- EXCEPT R303, R411, R3x110 & R316, REINFORCING BARS TO BE PLACED IN PAIRS ONE EACH FACE OF PANEL W/ 3/4" MIN. COVER
- ALL OTHER BARS TO BE CENTERED IN PANEL

EMBEDDED MATERIALS	
ITEM	QTY
AS-2 SS	2
LSB-1 SS	2
PS-2 SS	4
R3x84	4
R3x129	4
R320	8



CU. FT. CONC.	SQ. FT. W.W.F.
26.9 (1.00)	81

APPROXIMATE WEIGHT



July 21, 2023

LBFoster
CXT® Products

6707 E. Flamingo Ave. Bldg 300, Nampa, ID 83687
901 N. Highway 77 Hillsboro, TX 76645
362 Waverly Road Williamstown, WV 26187

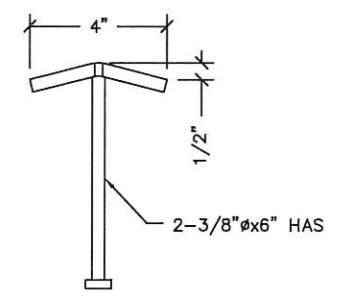
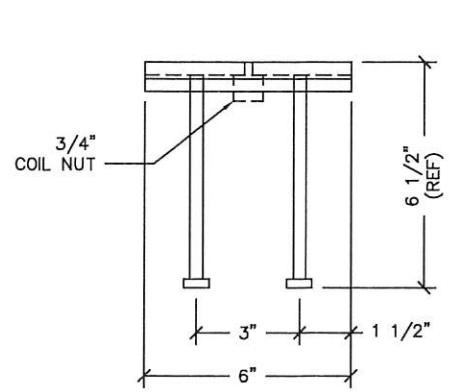
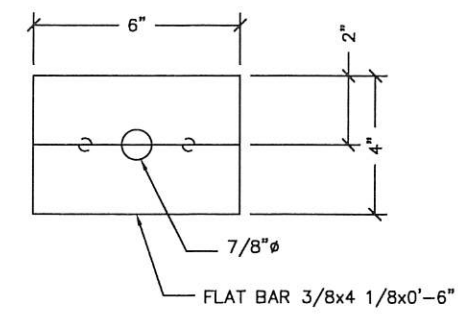
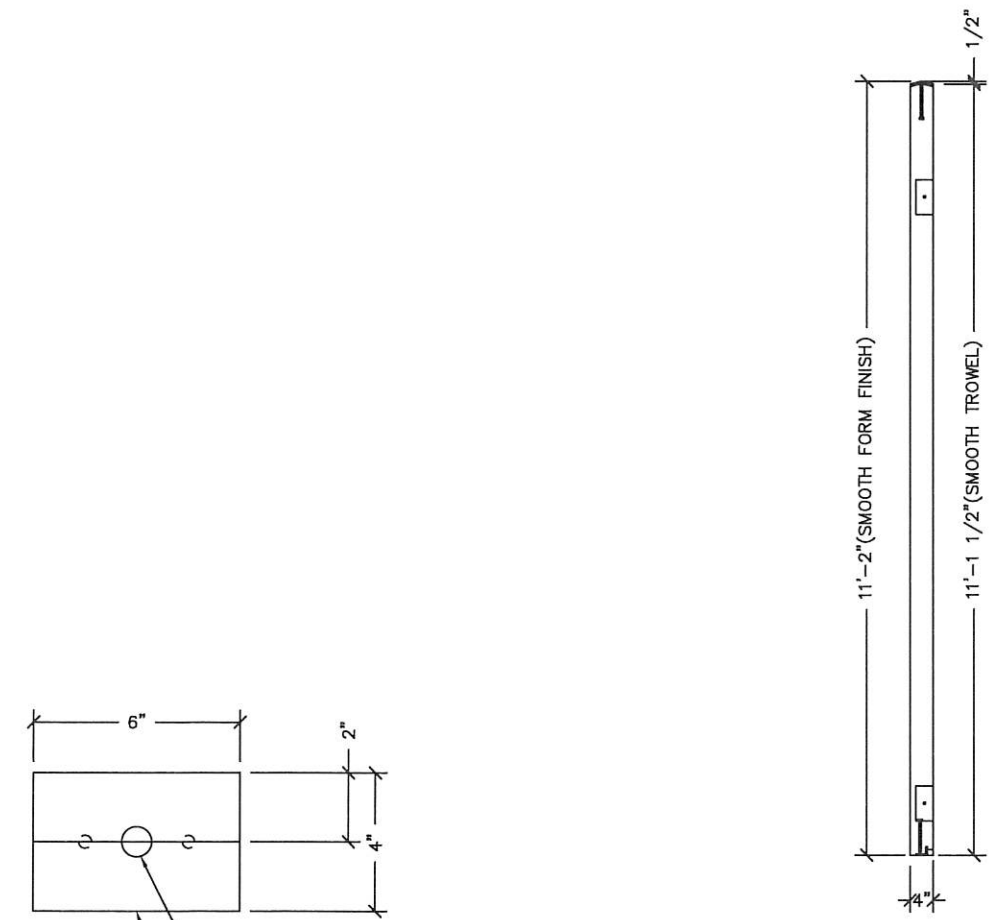
PROJECT TITLE
DAKOTA
BUILDING NUMBER DK-108

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CXT Incorporated

1	CHANGED RESTROOM LIGHTS	EHA	7/7/23
REV.	DESCRIPTION	APPROVAL	DATE
SCALE	3/8"=1'-0"	DATE	6/27/23
DRAWN	B. ANNESS	FILE NO.	DK-108
CHECKED	MCT	PLOT	32

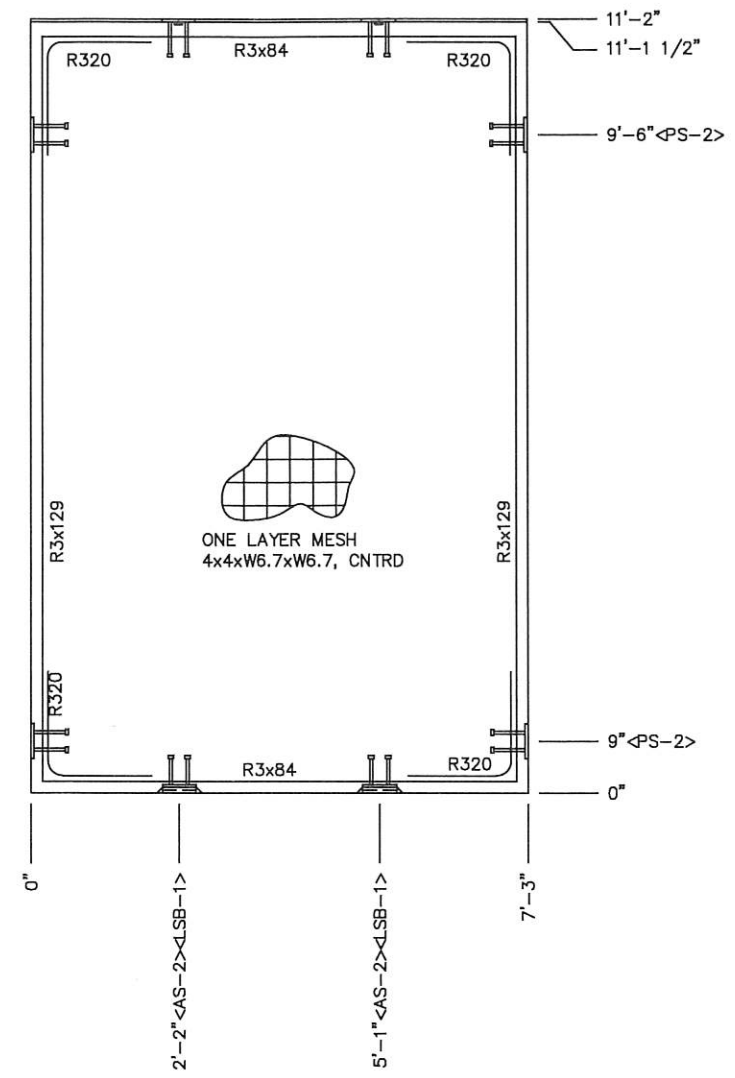
WALL PANEL
MARK W5

DWG NO.	SHEET	REV.
DK-12	12	1
	25	



NOTE: WELD 3/4" COIL NUT TO BACK SIDE OF PLATE

EMBED: LSB-1



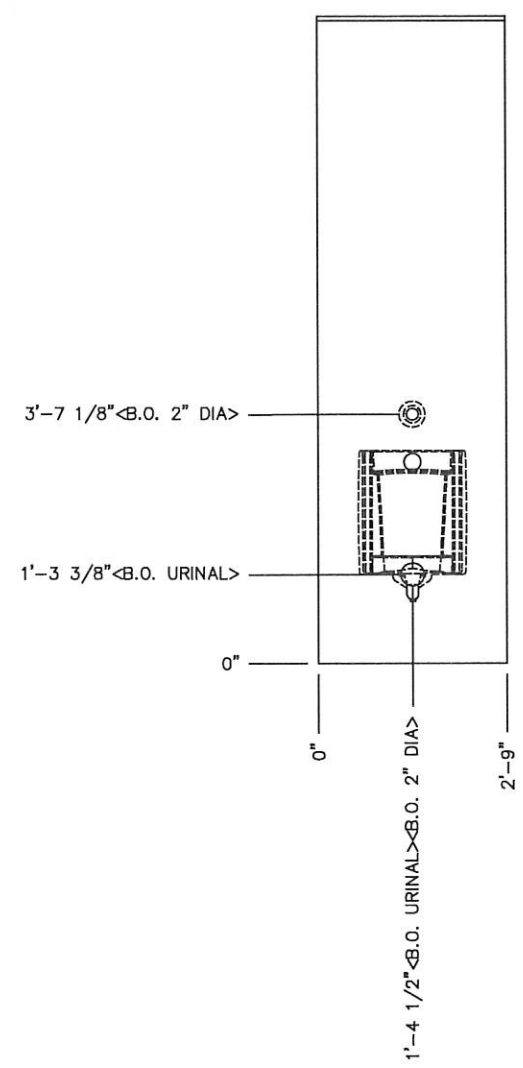
NOTES:

- EXCEPT R303, REINFORCING BARS TO BE PLACED IN PAIRS ONE EACH FACE OF PANEL W/ 3/4" MIN. COVER
- ALL OTHER BARS TO BE CENTERED IN PANEL

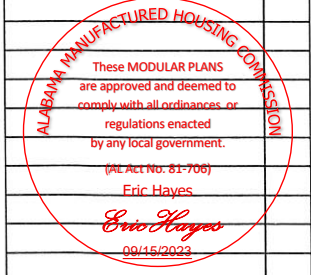
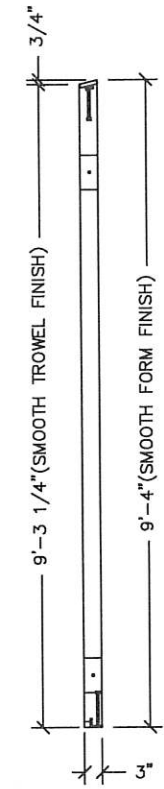
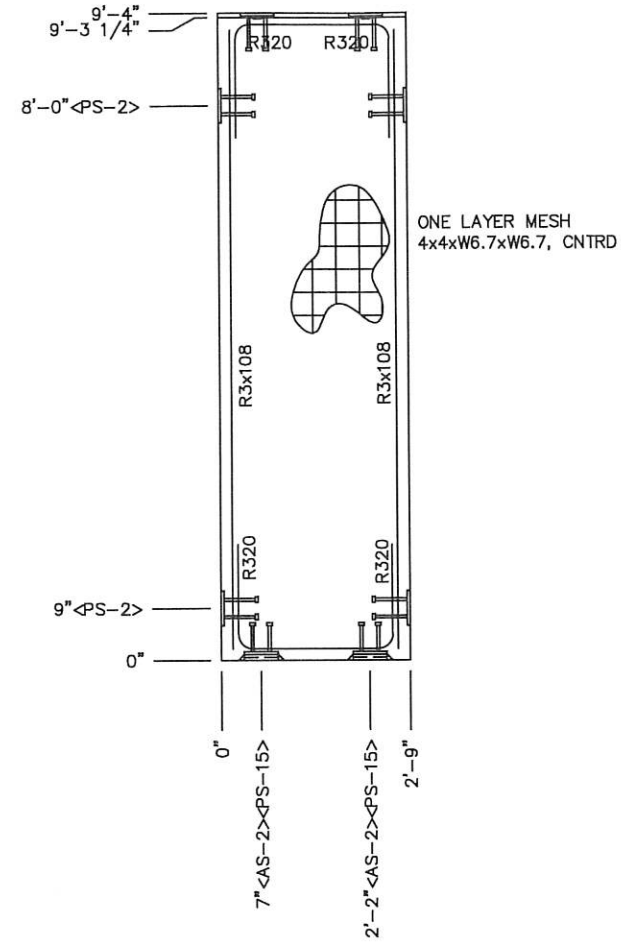
MARINE PACKAGE

EMBEDDED MATERIALS	
ITEM	QTY
AS-2 SS	2
PS-15 SS	2
PS-2 SS	4
R3x108	4
R320	8
B.O. URINAL	1
B.O. 2" DIA	1

BLOCKOUTS



EMBEDS



CU. FT. CONC.	SQ. FT. W.W.F.
6.4 (0.24)	26

APPROXIMATE WEIGHT

ALABAMA LICENSED PROFESSIONAL ENGINEER
 No. 24908
 WILLIAM RICHARD HEIDEN
 July 21, 2023

LB Foster
 CXT® Products

6707 E. Flamingo Ave., Bldg 300, Nampa, ID 83687
 901 N. Highway 77 Hillsboro, TX 76645
 362 Waverly Road Williamstown, WV 26187

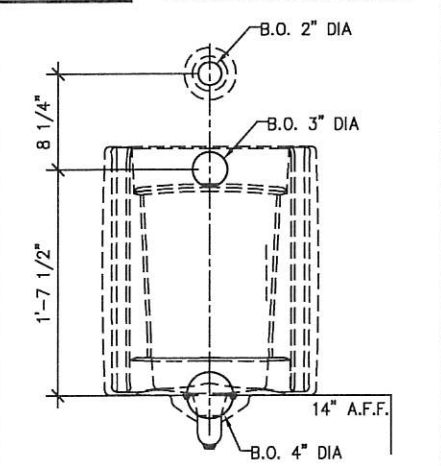
PROJECT TITLE
DAKOTA
 BUILDING NUMBER DK-108

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 CXT Incorporated

REV.	DESCRIPTION	DATE	APPROVAL
1	CHANGED RESTROOM LIGHTS	6/27/23	BHA
SCALE	3/8"=1'-0"	DATE	6/27/23
DRAWN	B. AXNESS	FILE NO.	DK-108
CHECKED	MCT	PLOT	32

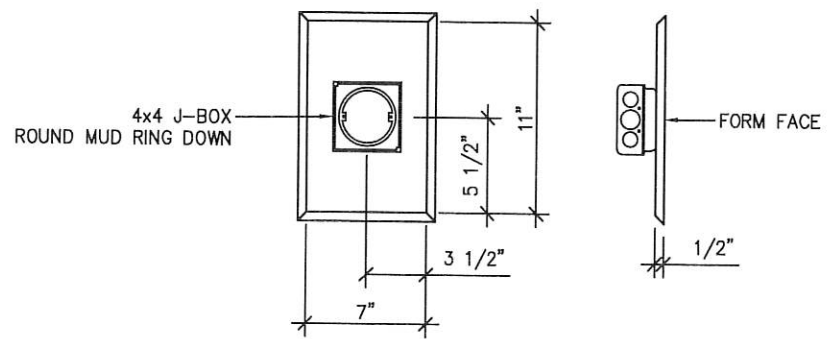
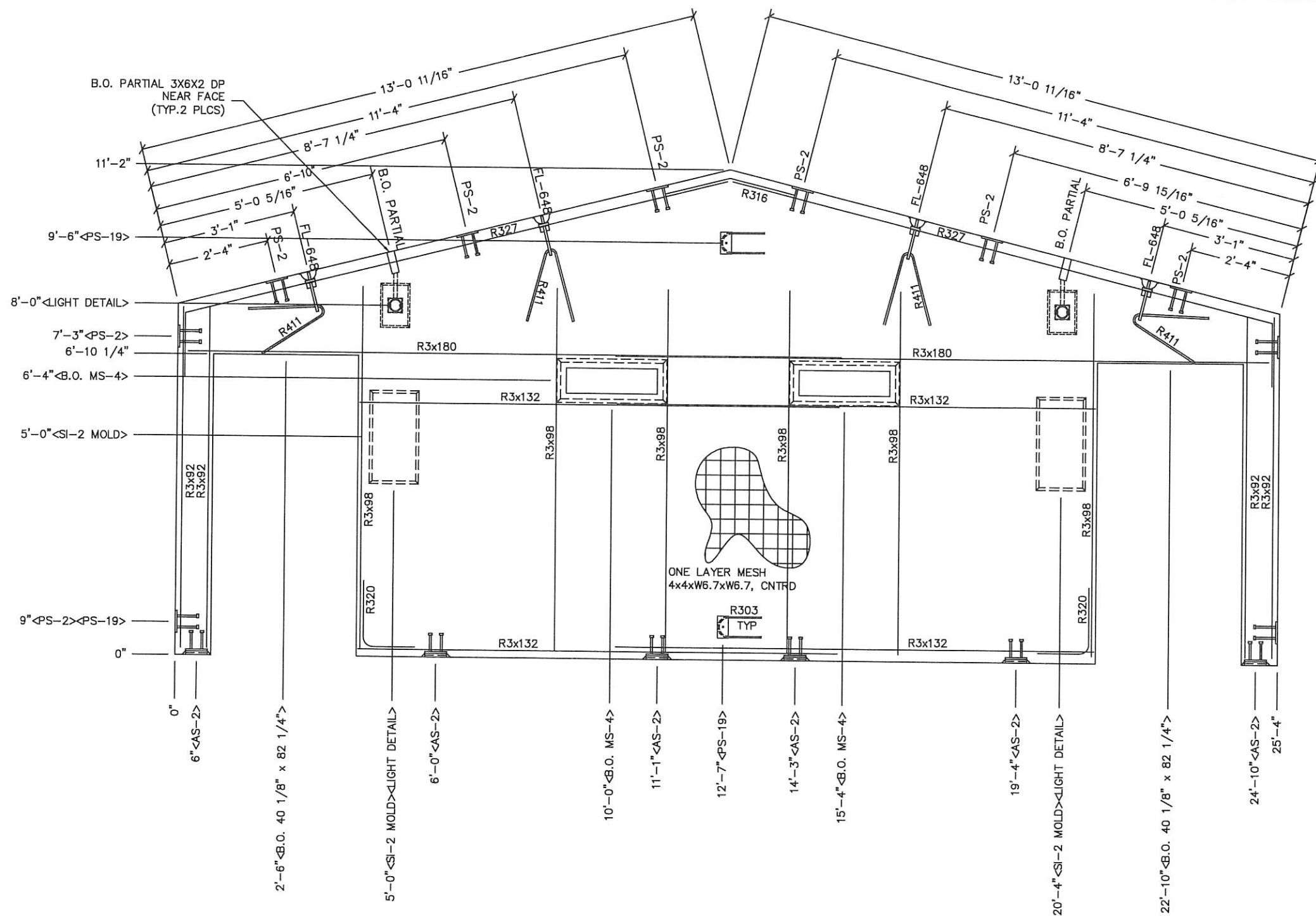
WALL PANEL MARK W6		
DWG NO.	SHEET	REV.
DK-13	13	1
	25	

BLOCKOUT DETAIL URINAL DETAIL
 AMERICAN STANDARD 6515.001



NOTES:

- REINFORCING BARS TO BE PLACED IN PAIRS ONE EACH FACE OF PANEL W/ 3/4" MIN. COVER



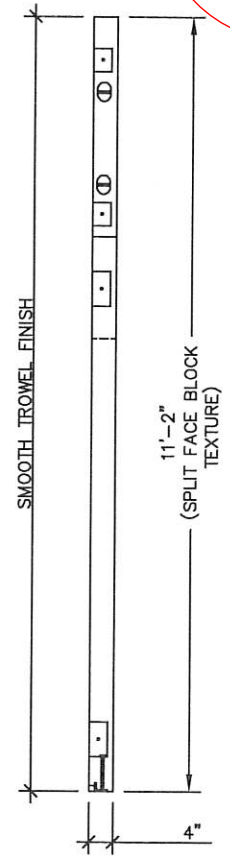
LIGHT DETAIL

- NOTES:
- EXCEPT R303, R411, R327 & R316, REINFORCING BARS TO BE PLACED IN PAIRS ONE EACH FACE OF PANEL W/ 3/4" MIN. COVER
 - ALL OTHER BARS TO BE CENTERED IN PANEL

MARINE PACKAGE

ALABAMA MANUFACTURED HOUSING COMMISSION
 These MODULAR PLANS are approved and deemed to comply with all ordinances or regulations enacted by any local government.
 (AL Act No. 81-706)
 Eric Hayes
 09/15/2023

EMBEDDED MATERIALS		
ITEM		QTY
AS-2 SS		6
PS-2 SS		10
FL-648		4
R411		4
R3x92		8
R3x98		12
R3x180		4
R320		4
R327		2
R316		1
R3x132		4
B.O. 40 1/8" x 82 1/4"		2
R303		2
PS-19 SS		2
SI-2 MOLD		2
B.O. PARTIAL 3"x6"x2" DP		2
4x4 J-BOX		2
ROUND MUD RING		2
B.O. MS-4		2



CU. FT. CONC.	SQ. FT. W.W.F.
64.9 (2.41)	150

APPROXIMATE WEIGHT

ALABAMA LICENSED
 No. 24908
 PROFESSIONAL ENGINEER
 WILLIAM RICHARD HEIDEN
 July 21, 2023

LB Foster
 CXT® Products

6707 E. Flamingo Ave. Bldg 300, Nampa, ID 83687
 901 N. Highway 77, Haltom, TX 76645
 362 Waverly Road, Williamstown, WV 26187

PROJECT TITLE
DAKOTA
 BUILDING NUMBER DK-108

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 CXT Incorporated

1	CHANGED RESTROOM LIGHTS	BYA	7/7/23
REVISION	DATE	APPROVAL	
SCALE	3/8"=1'-0"	DATE	6/27/23
DRAWN	E. ARNESS	FILE NO.	DK-108
CHECKED	MCT	PLOT	32

WALL PANEL
MARK W8

DWG NO.	SHEET	REV.
DK-15	15 / 25	1

MARINE PACKAGE

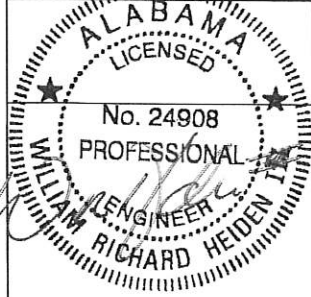
EMBEDDED MATERIALS		
ITEM		QTY
B.O. 6" DIA		1
AS-3		6
AS-5		2
PS-19 SS		26
R303		10
R3x42		16
R3x67		2
R3x66		12
R3x128		2
R3x172		8
R4x124		6
FLOOR DRAIN		2
B.O. 1'-10" x 2'-8"		2

ALABAMA MANUFACTURED HOUSING COMMISSION

These MODULAR PLANS
are approved and deemed to
comply with all ordinances or
regulations enacted
by any local government.
(AL Act No. 81-766)
Eric Hayes
09/15/2023

CU. FT. CONC.	SQ. FT. W.W.F.
114.6 (4.24)	572

APPROXIMATE WEIGHT



July 21, 2023

LBFoster
CXT® Products

6707 E. Flamingo Ave, Bldg 300, Nampa, ID 83687
901 N. Highway 77 Hillsboro, TX 76645
362 Waverly Road Williamstown, WV 26187

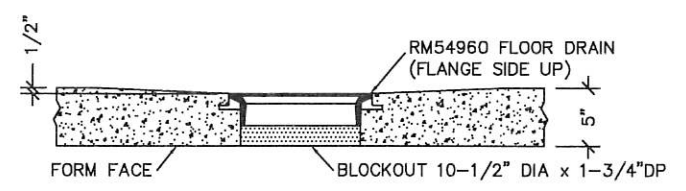
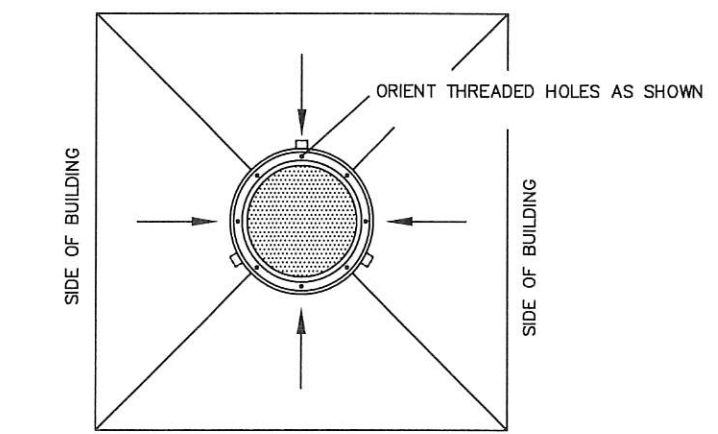
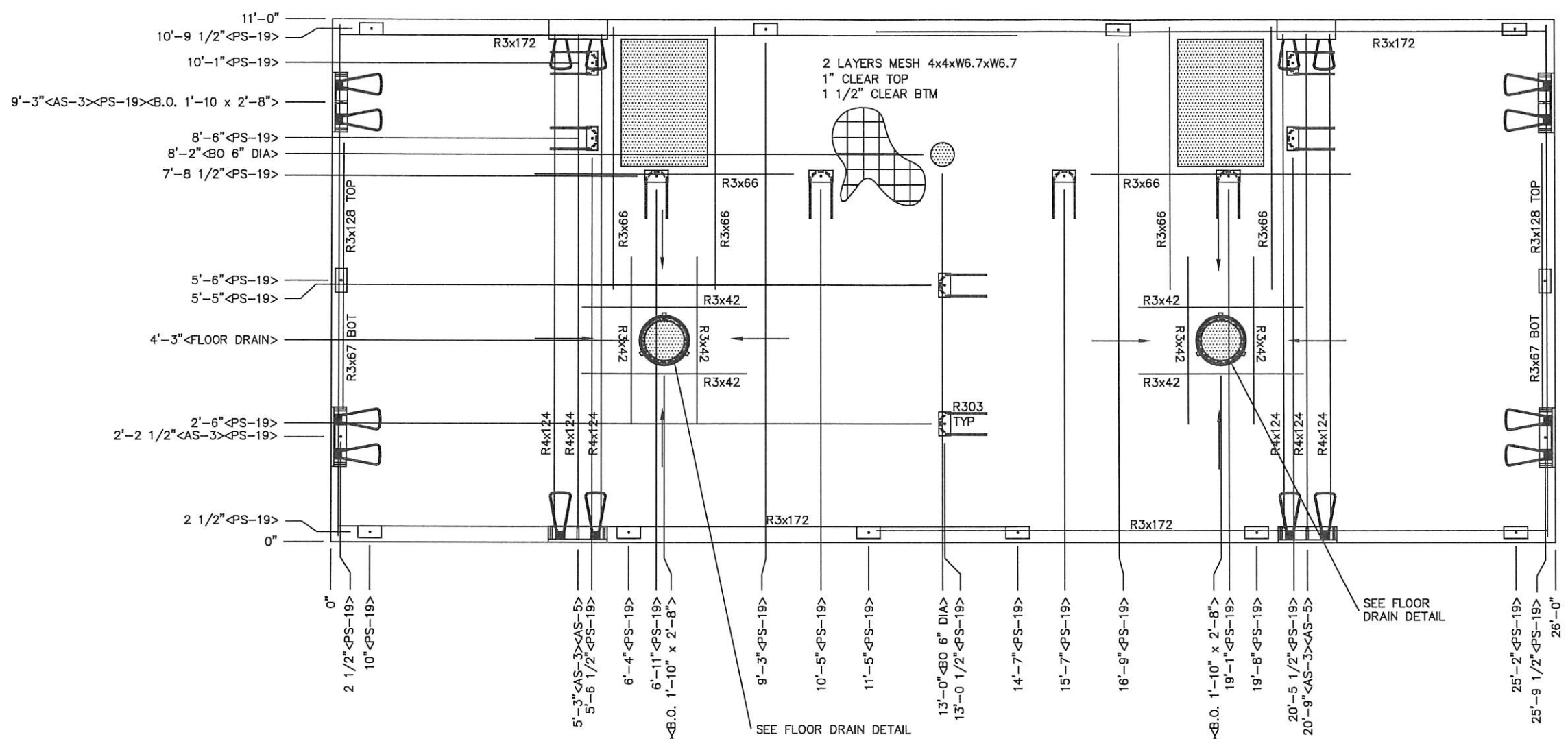
PROJECT TITLE
DAKOTA
BUILDING NUMBER DK-108

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CXT Incorporated

REV.	DESCRIPTION	DATE	APPROVED	DATE
1	CHANGED RESTROOM LIGHTS	7/7/23	EHA	7/7/23
	SCALE 3/8"=1'-0"	DATE 6/27/23		
	DRAWN B. ARRES	FILE NO. DK-108		
	CHECKED MCT	PLOT		

FLOOR SLAB
MARK F1

DWG. NO.	SHEET	REV.
DK-16	16/25	1



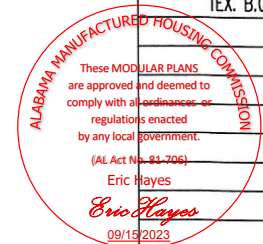
FLOOR DRAIN BLOCKOUT DETAIL

NOTES:

- SLOPE 1/4" TO FLOOR DRAIN BLOCKOUTS AS INDICATED BY ARROWS.
- EXCEPT R3x67, R3x128 & R4x124, REINFORCING BARS TO BE PLACED IN PAIRS ONE EACH FACE OF PANEL WITH 1 1/4" MIN. COVER
- R4x124 TO BE PLACED IN BOTTOM OF PANEL WITH 1 1/2" COVER

MARINE PACKAGE

EMBEDDED MATERIALS	
ITEM	QTY
PS-19 SS	15
FL-847	4
FL-648	4
R411	4
R303	15
R3x134	4
R3x175	2
R3x176	2
R320	4
PS-2 SS	1
R4x18	16
B.O. PARTIAL 3"x8"x2" DP	1
B.O. 5" DIA	1
4x4 J-BOX	4
ROUND MUD RING	2
TEX. B.O. 13"x13"	1



CU. FT. CONC.	SQ. FT. W.W.F.
67.7 (2.51)	345

APPROXIMATE WEIGHT

ALABAMA LICENSED
No. 24908
PROFESSIONAL ENGINEER
WILLIAM RICHARD HEIDEN
July 21, 2023

LB Foster
CXT® Products

6707 E. Flamingo Ave. Bldg 300, Nampa, ID 83687
901 N. Highway 77 Hillsboro, TX 76645
362 Waverly Road Williamstown, WV 26187

PROJECT TITLE
DAKOTA
BUILDING NUMBER DK-108

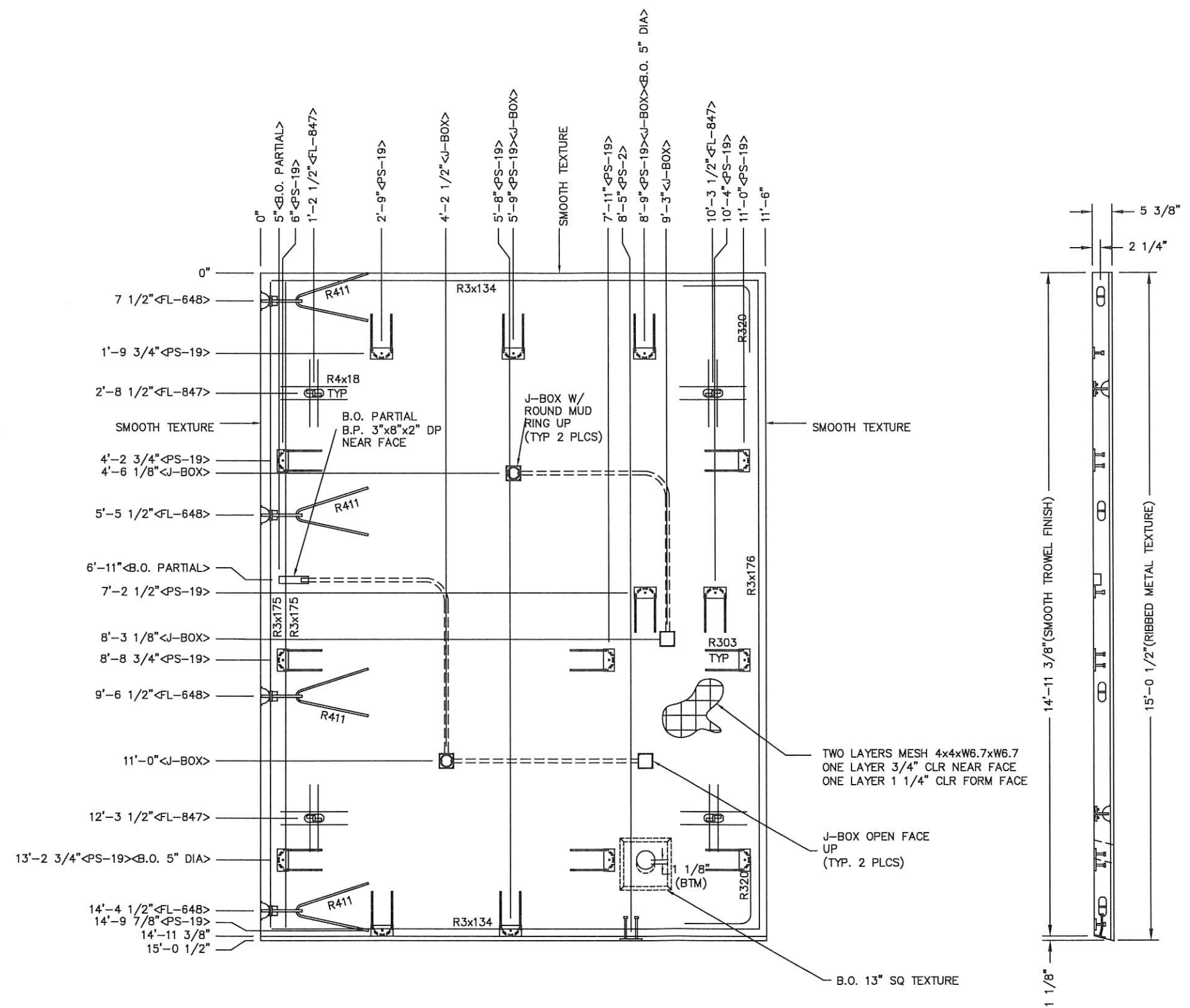
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CXT Incorporated

REV.	DESCRIPTION	DATE	APPROVAL
1	CHANGED RESTROOM LIGHTS	7/7/23	BHA

SCALE	3/8"=1'-0"	DATE	8/27/23
DRAWN	B. ARNESS	FILE NO.	DK-108
CHECKED	MCT	PLOT	32

ROOF SLAB MARK R1

DWG NO.	SHEET	REV.
DK-17	17/25	1

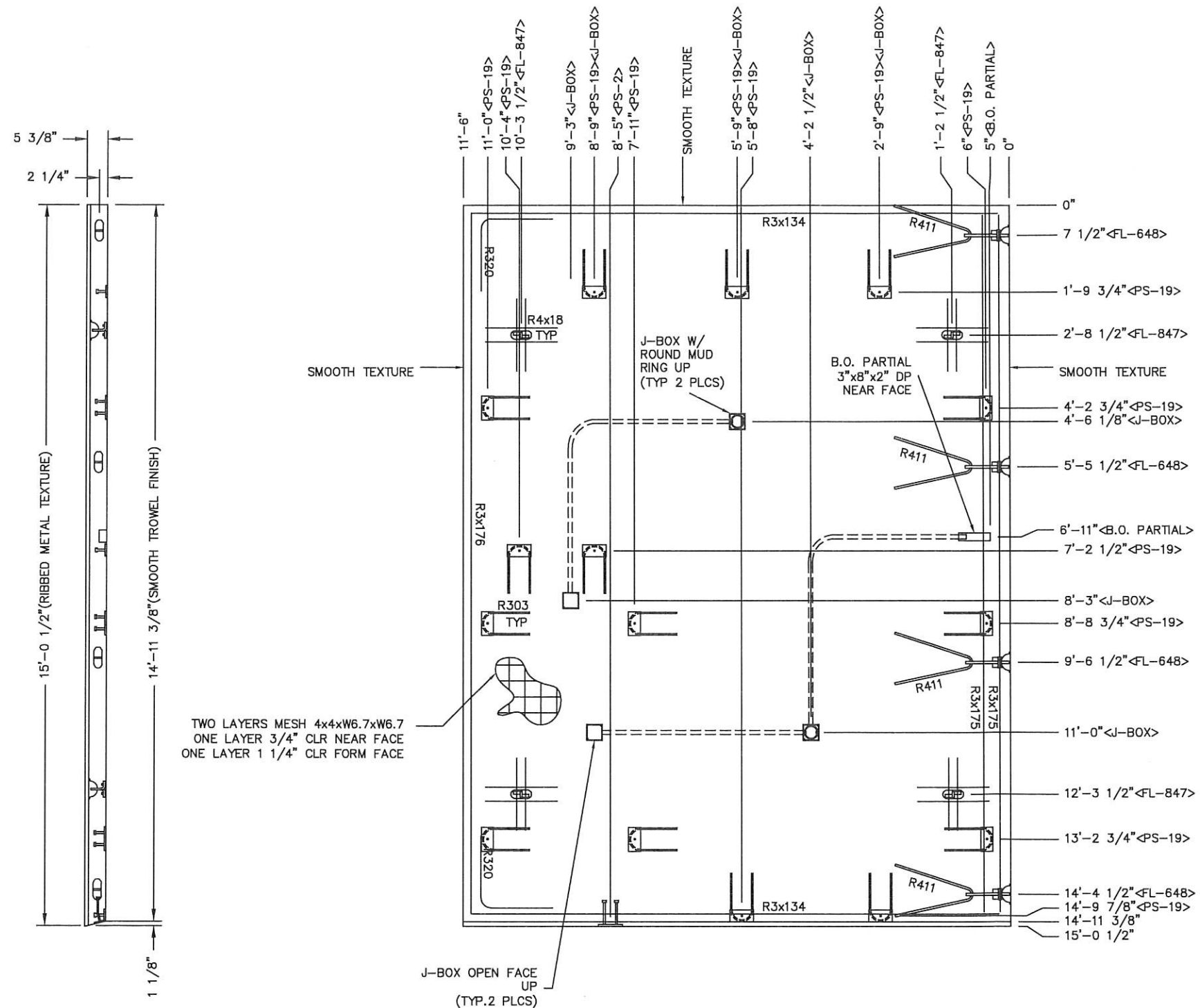


NOTES:

- EXCEPT R303, R411, R3x175 & R4x18 BARS TO BE PLACED IN PAIRS, ONE EACH FACE OF PANEL W/ 1 1/4" MIN. COVER.
- PLACE R4x18 REBAR WITH 1" COVER NEAR FACE.
- ALL OTHER BARS TO BE CENTERED IN PANEL.
- AFTER BUILDING ASSEMBLY, GROUT LIFTING INSERT VOIDS & FINISH TO MATCH

MARINE PACKAGE

EMBEDDED MATERIALS	
ITEM	QTY
PS-19 SS	15
FL-847	4
FL-648	4
R411	4
R303	15
R3x134	4
R3x175	2
R3x176	2
R320	4
PS-2 SS	1
R4x18	16
B.O. PARTIAL 3"x8"x2" DP	1
4x4 J-BOX	4
ROUND MUD RING	2



ALABAMA MANUFACTURED HOUSING COMMISSION

These MODULAR PLANS are approved and deemed to comply with all ordinances or regulations enacted by any local government.

(AL Act No. 81-706)
Eric Hayes
Eric Hayes
09/13/2023

CU. FT. CONC.	67.8 (2.51)	SQ. FT. W.W.F.	345
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APPROXIMATE WEIGHT



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6707 E. Flamingo Ave. Bldg 300, Nampa, ID 83687
901 N. Highway 77 Hillsboro, TX 76645
362 Waverly Road Williamstown, WV 26187

PROJECT TITLE
DAKOTA
BUILDING NUMBER DK-108

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REV.	DESCRIPTION	DATE	APPROVAL	DATE
1	CHANGED RESTROOM LIGHTS	7/7/23	EHA	7/7/23
SCALE	3/8"=1'-0"	DATE	6/27/23	
DRAWN	BY ADDRESS	FILE NO.	DK-108	
CHECKED	MCT	PLOT	32	

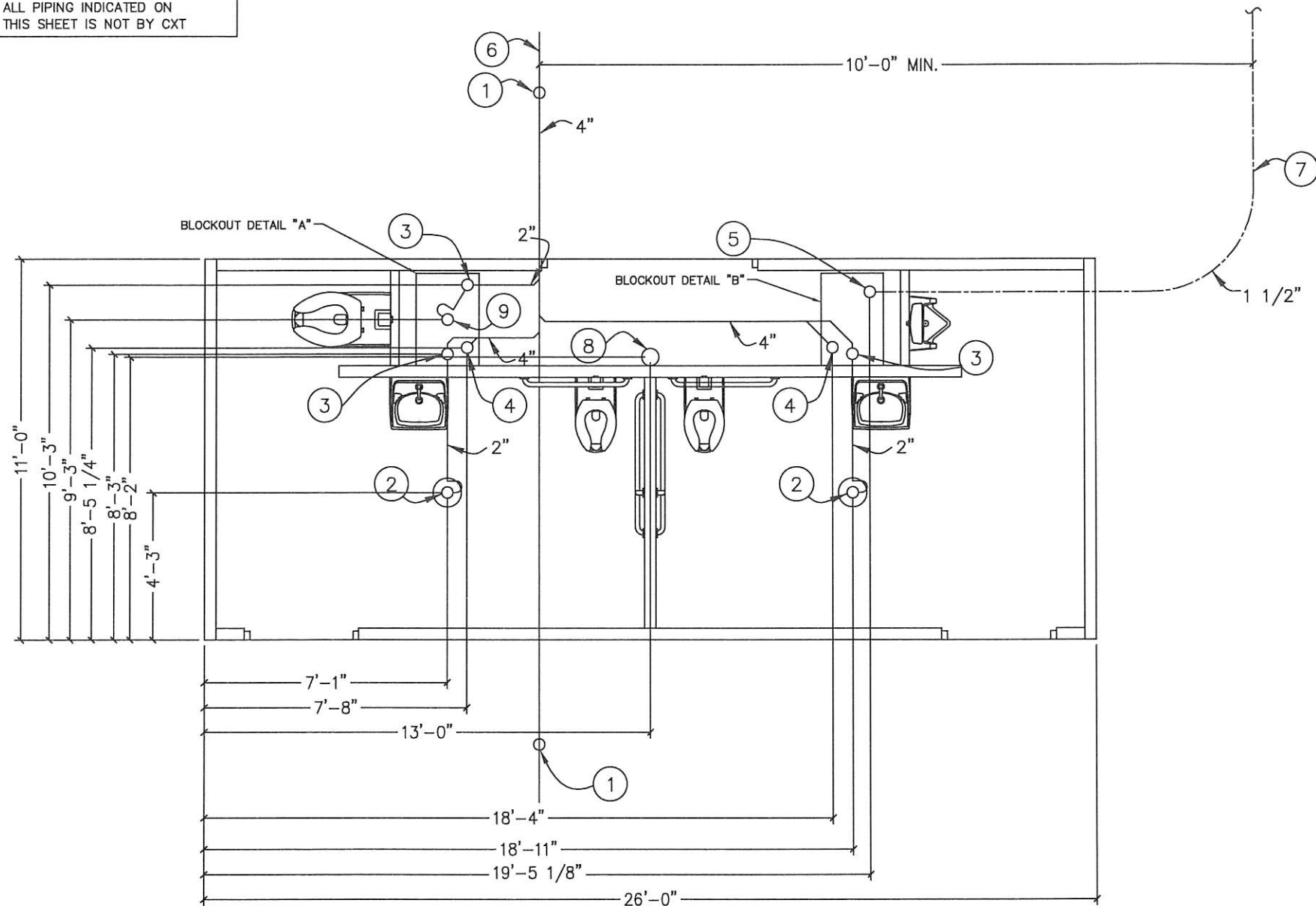
ROOF SLAB
MARK R2

DWG NO.	DK-18	SHEET	18	REV.	1
			25		

NOTES:

- EXCEPT R303, R411, R3x175 & R4x18 BARS TO BE PLACED IN PAIRS, ONE EACH FACE OF PANEL W/ 1 1/4" MIN. COVER.
- PLACE R4x18 REBAR WITH 1" COVER NEAR FACE.
- ALL OTHER BARS TO BE CENTERED IN PANEL.
- AFTER BUILDING ASSEMBLY, GROUT LIFTING INSERT VOIDS & FINISH TO MATCH

ALL PIPING INDICATED ON THIS SHEET IS NOT BY CXT



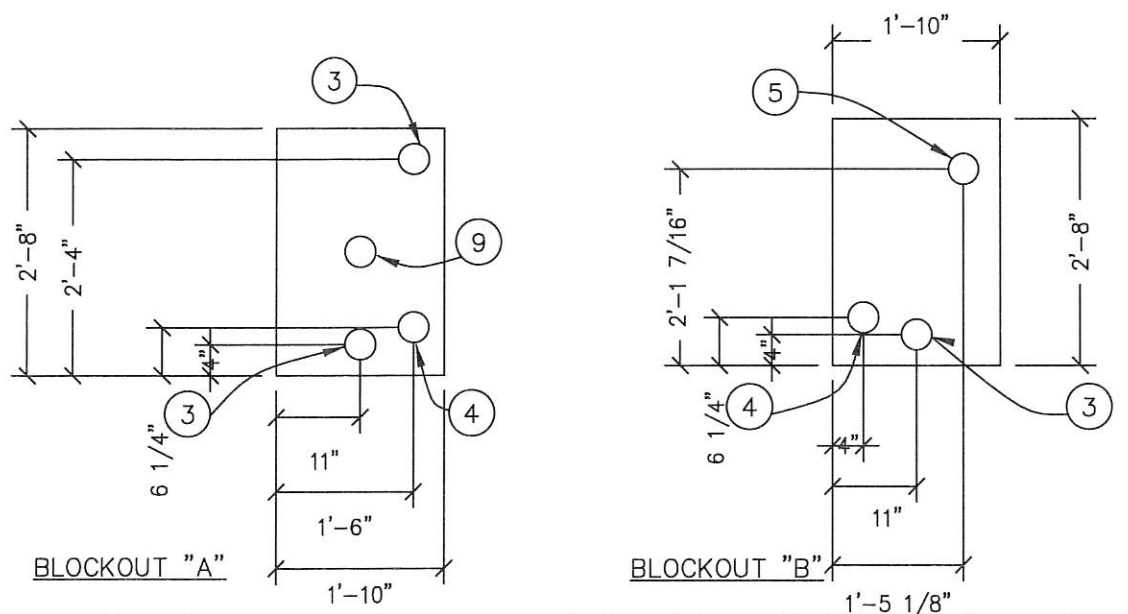
FLOOR DRAIN BLOCKOUTS & BELOW FLOOR PIPING

BELOW FLOOR PIPING – KEY NOTES

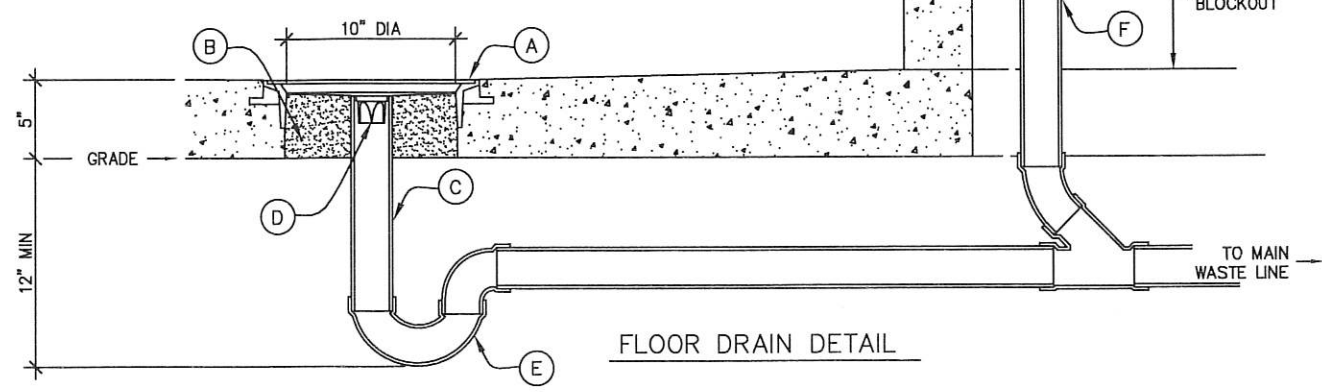
1. 4" CLEAN OUT TO GRADE.
2. 2" FLOOR DRAIN. FIELD INSTALLED TRAP SEAL (10" Ø BLOCKOUT)
3. 2" VENT PIPES EXTENDED 12" ABOVE FINISHED FLOOR LEVEL, PROVIDE TEST PLUG. (1'-10"x2'-8" BLOCKOUT)
4. 4" WASTE PIPE EXTENDED 12" ABOVE FINISHED FLOOR LEVEL, PROVIDE TEST PLUG. (1'-10"x2'-8" BLOCKOUT)
5. 1 1/2" TYPE K OR L ANNEALED "SOFT" COPPER WATER SERVICE EXTENDED 12" ABOVE FINISHED FLOOR LEVEL, PROVIDE CAP AT END. (1'-10"x2'-8" BLOCKOUT)
6. 30" MIN. BURY, PROVIDE TRACER TAPE.
7. MIN. BURY PER LOCAL REQUIREMENTS TO PROTECT FROM FREEZING AND DAMAGE.
8. ELECTRICAL STUB UP, (6" Ø BLOCKOUT)
9. 2" FLOOR DRAIN. FIELD INSTALLED TRAP SEAL (1'-4 1/2"x2'-0" BLOCKOUT)

PIPING LEGEND

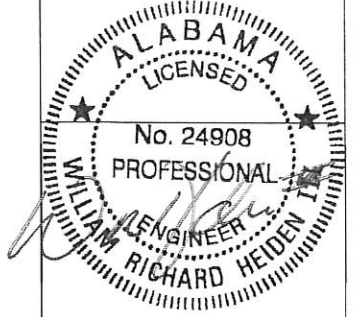
- BELOW FLOOR WASTE PIPING SCH 40 PVC TYPE DWV ASTM D2665
- BELOW FLOOR VENT PIPING SCH 40 PVC TYPE DWV ASTM D2665
- - - - - 1 1/2" TYPE "K" OR "L" ANNEALED "SOFT" COPPER WATER SERVICE ASTM B88



- A. CAST-IN DRAIN HOUSING (10" INSIDE DIM – PROVIDED BY CXT)
- B. FIELD INSTALLED GROUT, SLOPE TO DRAIN (CXT PROVIDED—INSTALLATION NOT BY CXT)
- C. 2" WASTE PIPE – STUB UP 12" ABOVE GRADE (NOT BY CXT)
- D. 2" TRAP SEAL PART# P26001 (CXT PROVIDED—INSTALLATION NOT BY CXT)
- E. P-TRAP ASSEMBLY (NOT BY CXT)
- F. 2" FLOOR DRAIN VENT RISER – STUB UP 12" ABOVE GRADE (NOT BY CXT)



FLOOR DRAIN DETAIL



July 21, 2023

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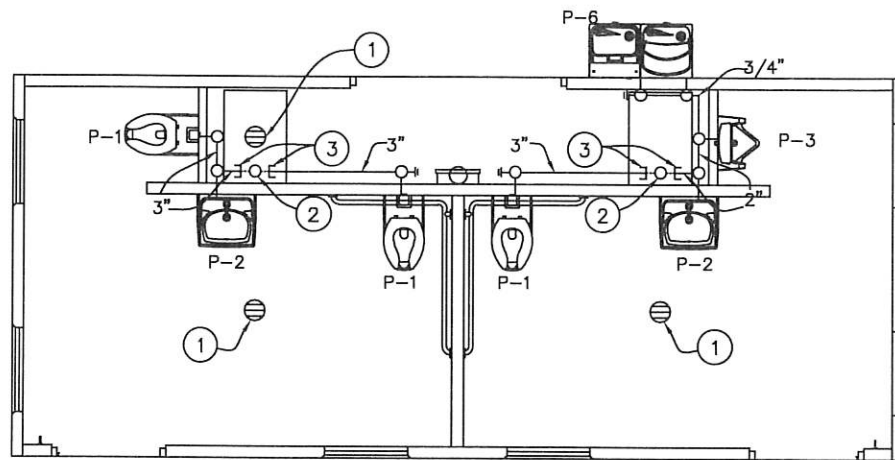
PROJECT TITLE
DAKOTA
BUILDING NUMBER DK-108

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REV.	DESCRIPTION	DATE	APPROVAL
1	CHANGED RESTROOM LIGHTS	7/7/23	BHA
	SCALE	1/4"=1'-0"	DATE
	DRAWN	B. ARNESS	FILE NO.
	CHECKED	MCT	PLOT

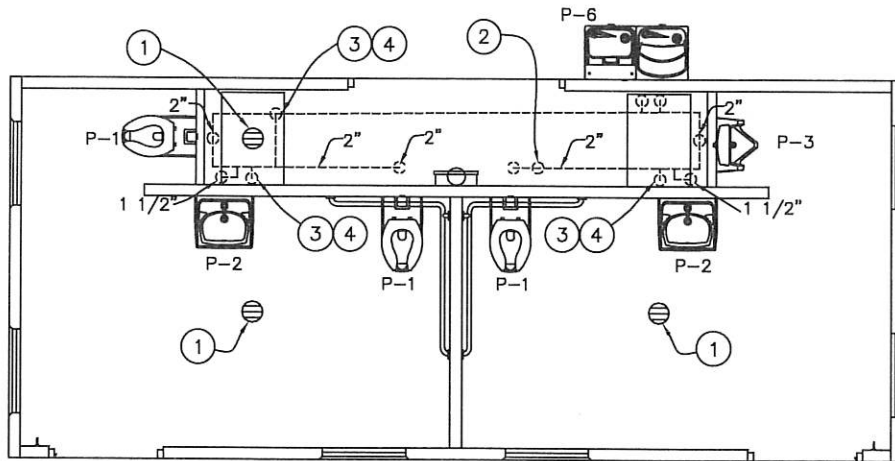
FLOOR DRAIN LOCATIONS & BELOW FLOOR PIPING

DWG NO.	SHEET	REV.
DK-20	20	1
	25	



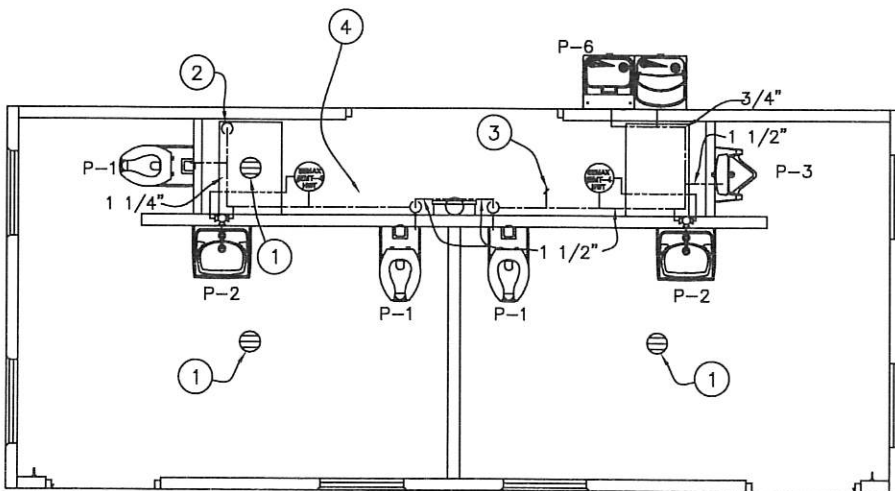
WASTE PIPE PLAN

1/4"=1'-0"



VENT PIPE PLAN

1/4"=1'-0"



WATER PIPE PLAN

1/4"=1'-0"

WASTE PIPING – KEY NOTES

- 2" FLOOR DRAIN, FIELD INSTALLED (NOT BY CXT)
- 4" WASTE THROUGH FLOOR, FIELD INSTALLED (NOT BY CXT)
- PROVIDE TEST PLUG IN END OF WASTE PIPE. CONTINUATION OF PIPING IS FIELD INSTALLED & NOT BY CXT.

VENT PIPING – KEY NOTES

- 2" FLOOR DRAIN, FIELD INSTALLED (NOT BY CXT)
- 3" VENT THROUGH ROOF.
- 2" VENT WITH TEST PLUG.
- FIELD INSTALLED 2" VENT PIPING FROM FLOOR DRAINS. (NOT BY CXT)

WATER PIPING – KEY NOTES

- 2" FLOOR DRAIN, FIELD INSTALLED (NOT BY CXT)
- FIELD INSTALLED 1 1/2" WATER SUPPLY WITH SHUT-OFF VALVE NEAR FLOOR. (NOT BY CXT)
- 3/4" HOSE BIBB WITH VACUUM BREAKER AND WHEEL HANDLE
- WATER PIPING ALONG WALL, SEE DIAGRAM ON DK-22.

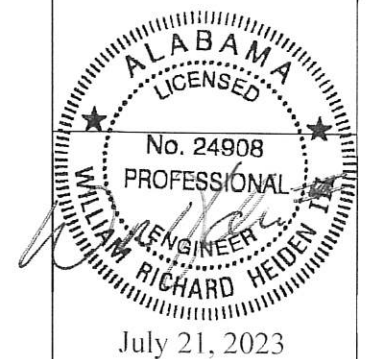
PIPING LEGEND

- COLD WATER; COPPER, ASTM B88, TYPE "K" OR "L"
- HOT WATER; COPPER, ASTM B88, TYPE "K" OR "L"
- VENT PIPING; SCH 40 PVC, ASTM D2665, TYPE DW
- WASTE PIPE; SCH 40 PVC, ASTM D2665, TYPE DW
- FIELD PIPING; (NOT BY CXT)

SPECIAL NOTES:

- TOTAL FIXTURE COUNT : (7)
- FLOWING PRESSURE: 45 PSI MIN, 80 PSI MAX
- TOTAL DEVELOPED LENGTH = 20'-0"*

*APPROXIMATE DISTANCE FROM THE SOURCE TO THE FARTHEST FIXTURE



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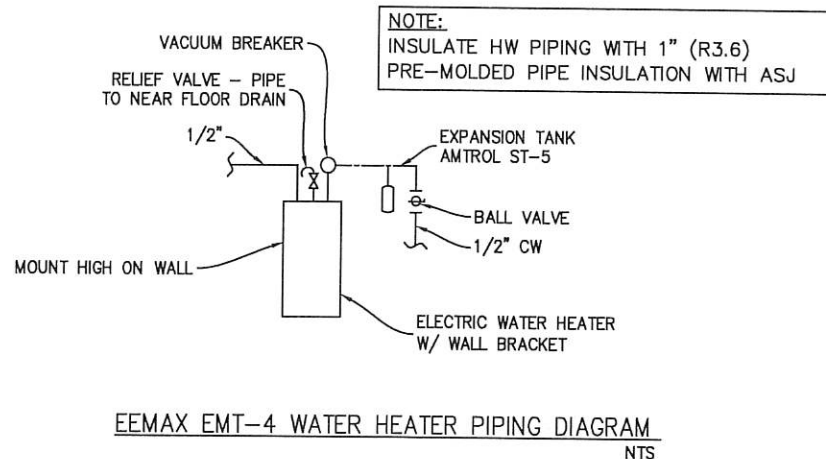
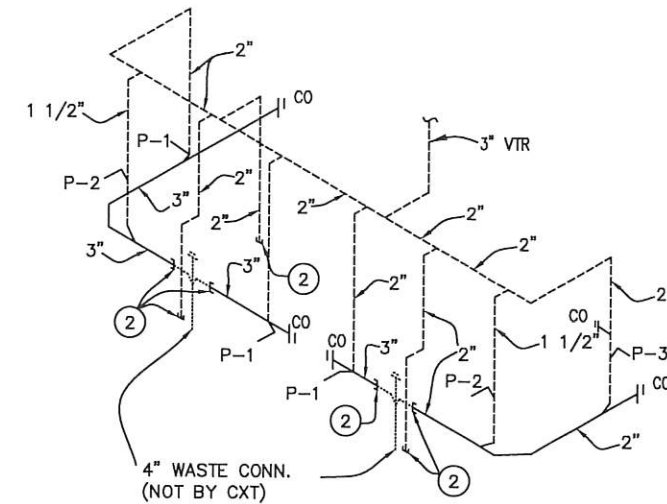
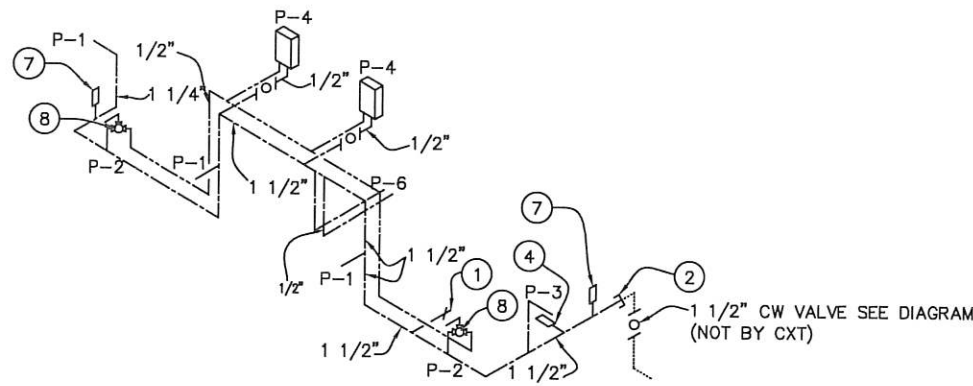
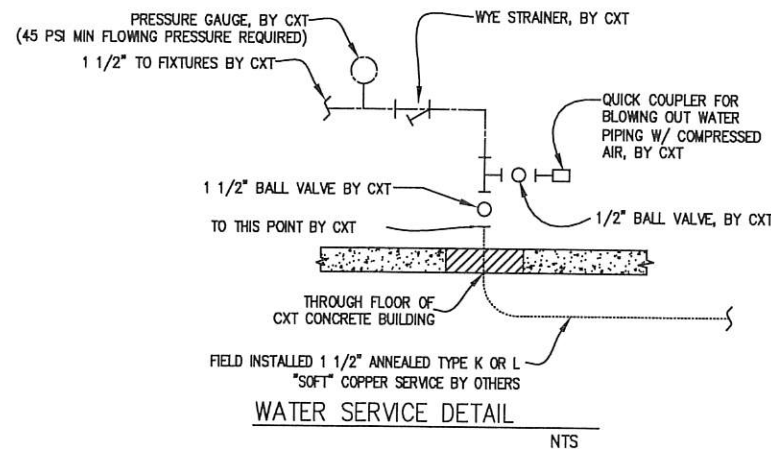
PROJECT TITLE
DAKOTA
BUILDING NUMBER **DK-108**

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REV.	DESCRIPTION	DATE	APPROVED	DATE
1	CHANGED RESTROOM LIGHTS	BHA	7/7/23	
	SCALE	3/16"=1'-0"	DATE	6/27/23
	DRAWN	B. ARNESS	FILE NO.	DK-108
	CHECKED	MCT	PLOT	64

PLUMBING PLANS
& NOTES

DWG NO.	SHEET	REV.
DK-21	21 25	1

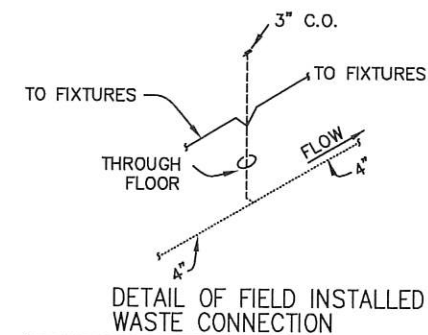


WATER PIPING RISER - KEY NOTES

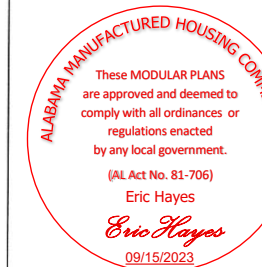
- 3/4" HOSE BIB WITH VACUUM BREAKER & WHEEL HANDLE.
- TO THIS POINT BY CXT.
- 1/2" AIR QUICK CONNECTION W/ BALL VALVE FOR BLOWING OUT WATER PIPING.
- 1/2" BALL VALVE & CAPPED CW LINE FOR BLOWING OUT WATER PIPING.
- 1/2" CW TO WATER HEATER, SEE HOT WATER PIPING RISER DIAGRAM.
- PROVIDE WYE STRAINER
- ASSE 1010 WATER HAMMER ARRESTOR SIOUX CHIEF HYDRA-RESTOR #654-C OR EQUAL
- ASSE 1070 WATER TEMPERATURE LIMITING DEVICE
- PROVIDE SHUT-OFF VALVES ON COLD AND HOT WATER SUPPLY FOR EACH FIXTURE

PIPING LEGEND

- COLD WATER; COPPER, ASTM B88, TYPE "K" OR "L"
- HOT WATER; COPPER, ASTM B88, TYPE "K" OR "L"
- VENT PIPING; SCH 40 PVC, ASTM D2665, TYPE DWV
- WASTE PIPE; SCH 40 PVC, ASTM D2665, TYPE DWV
- FIELD PIPING; (NOT BY CXT)
- WYE STRAINER



SYM	DESCRIPTION	MANUFACTURER	CXT PART NUMBER	FLUSH VL/FAUCET	SUPPLIES	QTY	HW	CW	WASTE	VENT	SUPPLIES / NOTES
P-1	WATER CLOSET (PUSH BUTTON)	AMERICAN STANDARD	2634.101 (W.C.) 5905.100 (W.C. SEAT)	SLOAN "ROYAL" #952-1.6 L-3 W=4"	SLOAN HY33A	3		1-1/4"	3"	2"	1. OFFSET FLUSH VALVE TAILPIECE PER ADA, RIGHT OR LEFT HAND, AS REQUIRED. PROVIDE FLUSH VALVE FOR 3" AND 4" WALL THICKNESS. 2. MOUNT RIM AT 17" ABOVE FLOOR. 3. USE CLOSET GASKET JG13534 AND Z1203 FINISH KIT
P-2	LAVATORY (PUSH BUTTON)	AMERICAN STANDARD	0356.421 (LAV)	SYMMONS SLS-7000		2	1/2"	1/2"	1-1/2"	1-1/2"	1. 1/2X15 COMP ANG LAV BSCR1915AC 2. 3 PC COVER SET PF202WH.
P-3	URINAL (PUSH BUTTON)	AMERICAN STANDARD	6515.001(URINAL)	SLOAN "ROYAL" #995.1	SLOAN HY33A	1	-	3/4"	2"	2"	1. PROVIDE FLUSH VALVE FOR 3" WALL THICKNESS. 2. MOUNT RIM AT 17" ABOVE FLOOR.
P-4	WATER HEATER	EEMAX	EMT-4			2	1/2"	1/2"	-	-	1. 4 GALLON 120V WALL MOUNTED WATER HEATER. PROVIDE GFCI OUTLET IN CHASE PER MFR RECOMMENDATIONS.
P-6	DRINKING FOUNTAIN	ELKAY	VRCTL8WSK			1	-	(2) 1/2"	(2) 1-1/2"	(2) 1-1/2"	1. DUAL HEIGHT COMBINATION
P-8	FLOOR DRAIN	TRAVIS SIOUX CHIEF	RM54960 840-2A			2 1			2" 2"	2" 2"	1. 2" TRAP SEAL PART# P26001 (CXT PROVIDED-INSTALLATION NOT BY CXT)



July 21, 2023

LB Foster
CXT® Products

6707 E. Flamingo Ave. Bldg 300, Nampa, ID 83687
901 N. Highway 77 Hillaboro, TX 76645
362 Waverly Road Williamstown, WV 26167

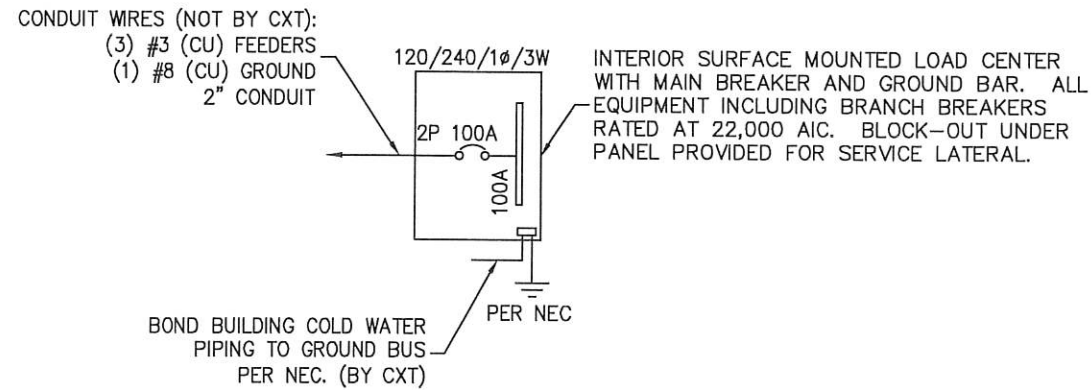
PROJECT TITLE
DAKOTA
BUILDING NUMBER DK-108

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CXT Incorporated

1 CHANGED RESTROOM LIGHTS	BHA	7/7/23
SCALE	3/16"=1'-0"	DATE
DRAWN	B. ARNESS	FILE NO.
CHECKED	MCT	PLOT

PLUMBING SCHEDULE & DIAGRAMS

DWG NO.	SHEET	REV.
DK-22	22	1
	25	



ONE-LINE POWER DIAGRAM
 NTS

PANEL SCHEDULE												
AMP		100		PANEL		TOTAL CONNECTED VA LOAD		6,453				
SURFACE MOUNT		120/240V, 1P, 3W				TOTAL CALCULATED VA LOAD		6,749				
CIRCUIT					LOAD							
NO.	DESCRIPTION	OCB	TYPE	(VA)	(A)	PH	NO.	DESCRIPTION	OCB	TYPE	(VA)	(A)
1	PHOTO CONTROLLED EXTERIOR LIGHTS	1P/20A	C	42	0.4	A	2	CHASE RECEPTACLE	1P/20A	R	180	1.5
3	CHASE LIGHT	1P/20A	N	25	0.2	B	4	RM#1 & RM#2 RECEPTACLE	1P/20A	R	360	3.0
5	RESTROOM #1 & #2 LIGHT & FAN	1P/20A	N	396	3.3	A	6	EEMAX WATER HEATER GFCI OUTLET	1P/20A	R	1,400	11.7
7	RESTROOM #1 HAND DRYER	1P/20A	L	1,140	9.5	B	8	RESTROOM #2 HAND DRYER	1P/20A	N	1,140	9.5
9	DRINKING FOUNTAIN GFCI	1P/20A	R	370	3.1	A	10	EEMAX WATER HEATER GFCI OUTLET	1P/20A	R	1,400	11.7
11						B	12					
13						A	14					
15						B	16					
17						A	18					
19						B	20					

LOAD		CONNECTED	CALCULATED
(C)ONTINUOUS	42 x 1.25	53 VA	
(R)EC (1ST 10KVA)	3710 x 1.00	3710 VA	
(N)ON-CONTINUOUS	1,561 x 1.00	1,561 VA	
(L)ARGEST MOTOR	1,140 x 1.25	1,425 VA	
TOTAL LOAD		6,453	6,749 VA
			28.1 AMPS

NOTE: MAXIMUM ALLOWABLE AIC IS 22K AMPS, PANEL MODIFICATIONS WILL BE REQUIRED (NOT BY CXT) IF TRANSFORMER CAPACITY EXCEEDS 175 KVA.

GENERAL ELECTRICAL NOTES

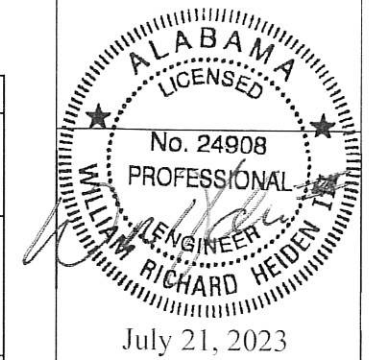
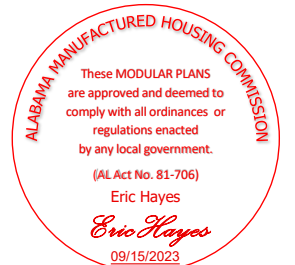
- RECESSED JUNCTION BOXES FOR SINGLE DEVICES SHALL HAVE SINGLE GANG MUD RINGS CAST IN CONCRETE WALLS.
- ALL RECEPTACLES SHALL BE GFCI PROTECTED BY CIRCUIT BREAKERS, OR BY OTHER GFCI RECEPTACLES.
- ALL CONDUIT SHALL BE SIZED PER NEC. EXPOSED CONDUIT SHALL BE EMT/FMC, RECESSED SHALL BE PVC.
- INSTALL ALL WIRING IN CONDUIT OR RELATED ENCLOSURES.
- ALL ELECTRICAL INSTALLATIONS SHALL MEET THE 2020 NATIONAL ELECTRICAL CODE (NEC).
- MINIMUM WIRE SIZE SHALL BE #12 AWG COPPER, THHN INSULATION UNLESS NOTED OTHERWISE.
- ROUTE ALL CONDUITS IN UTILITY ROOM AT CEILING OR FACE OF WALLS.
- ELECTRICAL DRAWINGS ARE DIAGRAMMATIC IN NATURE & MAY NOT SHOW EXACT LOCATIONS OF DEVICES. REFER TO WALL PANEL & OTHER DRAWINGS FOR EXACT LOCATIONS OF J-BOXES, ETC.
- CIRCUIT BREAKER LOCKOUTS REQUIRED FOR EACH HAND DRYER.

LIGHTING FIXTURE SCHEDULE			
FIXTURE NUMBER	VOLTAGE	WATTS	DESCRIPTION
A	120	25	LUMINAIRE VPF84 INTERIOR LIGHT FIXTURE, VPF8 4FT NODIM 25W 40K MV CLP WHT WL 20CC SURFACE MOUNTED, LED LAMP 4 FT, WRAP AROUND LENS, LOW TEMPERATURE DRIVER, BUILT IN OCCUPANCY SENSOR ACTIVATED W/ ADDITIONAL OCCUPANCY SENSOR FOR FAN CONTROL
B	120	14	SWOOP 610 LED EXTERIOR LIGHT, YWP610-14W HP-3500K-120-CP-BRZ-CAB/PC EXTERIOR, VANDAL RESISTANT, WALL MOUNTED, 14 WATT, CLEAR PRISMATIC LENS, BUILT IN PHOTOELECTRIC CONTROL
C	120	25	LUMINAIRE VPF84 INTERIOR LIGHT FIXTURE, VPF8 4FT NODIM 25W 40K MVOLT CLP WHT WL SURFACE MOUNTED, LED LAMP 4 FT, WRAP AROUND LENS, LOW TEMPERATURE DRIVER, SWITCH ACTIVATED
D	120	25	LUMINAIRE VPF84 INTERIOR LIGHT FIXTURE, VPF8 4FT NODIM 25W 40K MV CLP WHT WL OCC SURFACE MOUNTED, LED LAMP 4 FT, WRAP AROUND LENS, LOW TEMPERATURE DRIVER, BUILT IN OCCUPANCY SENSOR ACTIVATED

NOTE: THE SOURCE OF EFFICACY OF EXTERIOR LIGHTING IS TO BE A MINIMUM OF 45 LUMENS PER WATT.

EXHAUST FAN SCHEDULE								
SYM	MFR	MODEL #	CFM	SONES	VOLTS	AMPS	WATTS	NTS.
EF-1	FANTECH	RVF-6XL	381	6.0	115	1.32	148	1

- NOTES:
- FANS LISTED FOR WET LOCATION, CONTROL VIA OCCUPANCY SENSOR. LOCATE OPEN FACE J-BOX ON EXTERIOR SIDE OF PANEL.



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 CXT® Products

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PROJECT TITLE
DAKOTA
 BUILDING NUMBER DK-108

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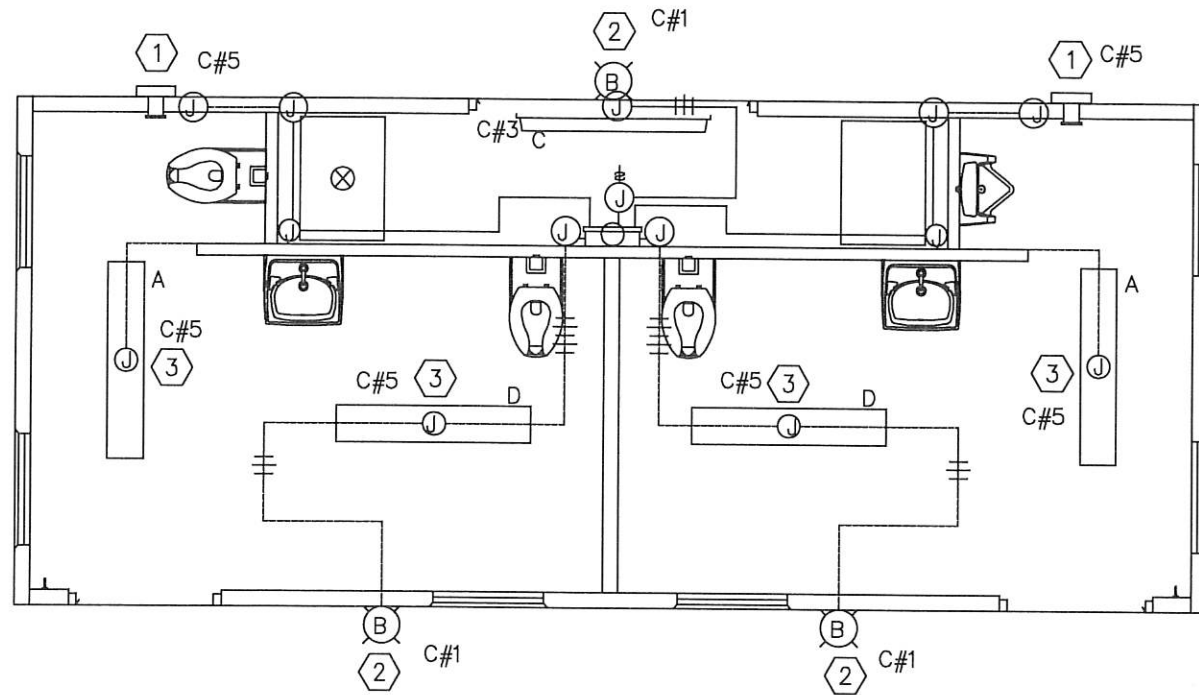
REV.	DESCRIPTION	DATE	APPROVAL	DATE
1	CHANGED RESTROOM LIGHTS	7/7/23	BHA	7/7/23

SCALE	DATE	FILE NO.
1/4"=1'-0"	6/27/23	DK-108

CHECKED	PLOT
MCT	48

ELECTRICAL NOTES,
 DETAILS, & SCHEDULE

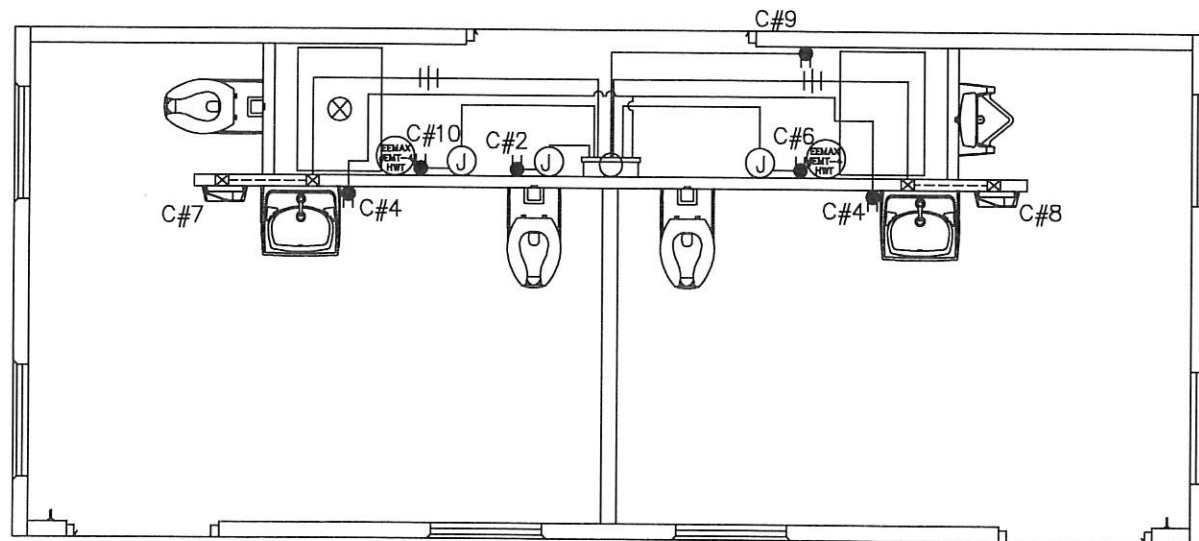
DWG NO.	SHEET	REV.
DK-23	23 25	1



LIGHTING / EXHAUST FAN PLAN

ELECTRICAL - KEY NOTES

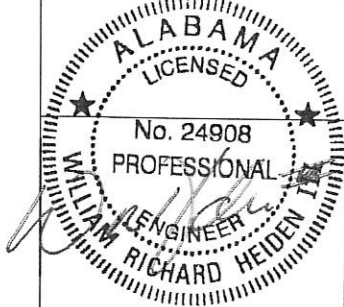
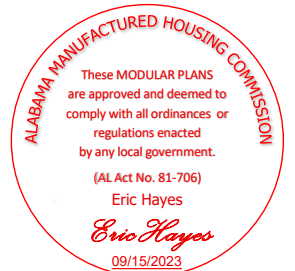
- ① CIRCUITS FOR EXHAUST FANS TO BE WIRED THROUGH OCCUPANCY SENSOR LIGHTS.
- ② LIGHT FIXTURE TO BE CONTROLLED BY PHOTOCELL. ROUTE WIRING IN CONCEALED CONDUIT.
- ③ OCCUPANCY SENSOR CONTROLLED INTERIOR LIGHTS.



HAND DRYER, DRINKING FOUNTAIN, WATER HEATER AND RECEPTACLE PLAN

SYMBOLS LEGEND

- C## CIRCUIT NUMBER
- LED INTERIOR FIXTURE
- LED EXTERIOR FIXTURE
- ON/OFF SWITCH
- GFCI RECEPTACLE
- LOAD CENTER/PANEL C
- JUNCTION BOX
- SURFACE MOUNTED CONDUIT, CROSSHATCH DENOTES WIRES, (ALL #12AWG UNO) ALWAYS ONE WIRE TO BE GROUND WIRE
- SURFACE MOUNTED CONDUIT
- CONCEALED CONDUIT
- WATER HEATER
- EXHAUST FAN



July 21, 2023

LB Foster
CXT® Products

6707 E. Flamingo Ave. Bldg 300, Nampa, ID 83687
901 N. Highway 77 Hillsboro, TX 76645
362 Waverly Road Williamstown, WV 26187

PROJECT TITLE
DAKOTA
BUILDING NUMBER DK-108

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CXT Incorporated

NO.	DESCRIPTION	DATE	APPROVAL	DATE
1	CHANGED RESTROOM LIGHTS		BHA	7/7/23
SCALE	1/4"=1'-0"	DATE	6/27/23	
DRAWN	E. JAMES	FILE NO.	DK-108	
CHECKED	MCT	PLOT	48	

ELECTRICAL PLANS & NOTES

DWG NO.	SHEET	REV.
DK-24	24	1
	25	

