



BOARD MEETING AGENDA SUBMITTAL

TO: GCS D Board of Directors

FROM: Jennifer Flores, Administrative Services Manager

DATE: August 10, 2021

SUBJECT: Agenda Item 6C: Review of Plans for Replacement of the Mary Laveroni Park Restrooms with Partial Funding Provided by the State of California Per-Capita Grant Funds

RECOMMENDED ACTION:

"I move to direct staff to proceed with submitting an application to the state's Per Capita Grant Program for the rehabilitation and upgrade of the restroom facility located in Mary Laveroni Park."

BACKGROUND:

On June 5, 2018, California voters approved Proposition 68, the "Parks and Water Bond Act of 2018" (Senate Bill 5). A number of grant programs for drought, water, parks, climate, coastal protection, and outdoor access will be supported with Proposition 68 bond proceeds. One is the "Per Capita Program", which provides \$185,000,000 to cities, counties and eligible districts statewide for local park rehabilitation, creation and improvements on a per capita basis, with a minimum award of \$177,952 for low population areas such as GCS D. Under this program, grant recipients are encouraged to utilize awards to complete capital improvement projects including replacement of existing existing facilities and infrastructure and to address deficiencies in neighborhoods lacking access to the outdoors.

In March of 2019, the State of California released the Per Capita Grant Program, awarding counties, cities and districts funding for eligible projects based on population. In April 2019, the District Board adopted a resolution to submit a grant application, which would have been due mid 2020. However, due to COVID-19, the grant application deadline was extended to December 2021.

The District was allocated the minimum award of \$177,952 and has been working internally for over a year to identify the best use of these funds. After going back and forth on a number of needed projects, the rehabilitation and upgrade of the inadequate restroom facilities keeps coming to the top of the list. Having clean and adequate restroom facilities to meet and keep up with the current demand at the park is of primary importance. In addition, it seems a prudent choice with the plans the District has for future park development and improvements.

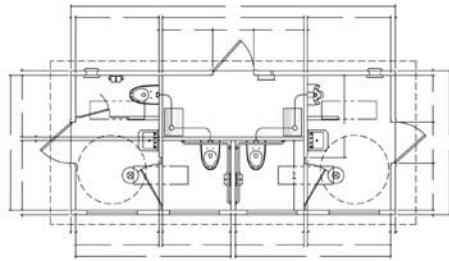
ATTACHMENTS:

1. Restroom Preliminary Quote and Drawings
2. Board Adopted Resolution

FINANCIAL IMPACT:

A first rough estimate of the total project is around \$250,000. This includes manufacture and delivery of the new prefabricated restroom facility, added options, demolition of the old facility, and installation of new plumbing to accommodate the new facility. The District would be responsible for expenses in excess of the \$177,952, or approximately \$72,048.

A 2021/22 budget adjustment will be necessary, and staff will be seeking additional grants and partnerships to accomplish the local investment.



Dakota with chase restroom building. Standard features include simulated barnwood texture walls, simulated cedar shake textured roof, vitreous china fixtures, 4-gallon water heater, interior and exterior lights, off loaded, and set up at site.

Base Price		Price per unit	Click to select
Dakota 11' x 26'		\$	
Added Cost Options:			
Final Connection to Utilities		\$	
Optional Wall Texture -choose one	Split Face Block (\$3,500) Struck Trowel (\$3,500) Stone (\$5,000)		
Optional Roof Texture -choose one	Delta Rib	\$	
Insulation and Heaters (per section)	Qty:	\$	
Stainless Steel Water Closet (each)	Qty:	\$	
Stainless Steel Lavatory (each)	Qty:	\$	
Stainless Steel Urinal (each)	Qty:	\$	
Electric Hand Dryer (each)	Qty:	\$	
Electronic Flush Valves (each)	Qty:	\$	
Electronic Lavatory Faucets (each)	Qty:	\$	
Electronic Urinal Valve (each)	Qty:	\$	
Exterior Mounted ADA Drinking Fountain w/Cane Skirt	Qty:	\$	
Optional Door Closure (each)	Qty:	\$	
Skylight in Restroom (each)	Qty:	\$	
Marine Grade Skylight in Restroom (each)	Qty:	\$	
Marine Package for Extra Corrosion Resistance (per section)	Qty:	\$	
Tile Floor in Restroom (per section)	Qty:	\$	
Fiberglass Entry and Chase Doors and Frames	Qty:	\$	
2K Anti-Graffiti Coating (per section)	Qty:	\$	
Timed Electric Lock System (2 doors - does not include chase door)	Qty:	\$	
Exterior Frostproof Hose Bib with Box (each)	Qty:	\$	
Paper Towel Dispenser (each)	Qty:	\$	
Toilet Seat Cover Dispenser (each)	Qty:	\$	
Sanitary Napkin Disposal (each)	Qty:	\$	
Baby Changing Station (each)	Qty:	\$	
CXT Wastebasket (each)	Qty:	\$	
Stamped Plans		\$	
Total Cost of Selected Accessories from Accessories Price List:		\$	
Estimated One-Way Transportation Costs to Site (quote):		\$	
Custom Options:		\$	
Non-taxable Items (i.e., freight, installation, etc.):		\$	
Tax:		\$	
Estimated monthly payment on 5 year lease		Total Cost per Unit Placed at Job Site:	\$

This price quote is good for 60 days from date below, and is accurate and complete.

CXT Sales Representative

Date



I accept this quote. Please process this order.

Company Name

Customer

Date

Exterior Color Options:

(For single color mark an X or for two tone combinations use W = Walls / R = Roof.)

_____ Amber Rose	_____ Liberty Tan	_____ Berry Mauve	_____ Sage Green
_____ Toasted Almond	_____ Oatmeal Buff	_____ Buckskin	_____ Rosewood
_____ Sun Bronze	_____ Golden Beige	_____ Mocha Carmel	_____ Malibu Taupe
_____ Sand Beige	_____ Natural Honey	_____ Salsa Red	_____ Java Brown
_____ Pueblo Gold	_____ Cappuccino Cream	_____ Coca Milk	_____ Raven Black
_____ Granite Rock	_____ Georgia Brick	_____ Western Wheat	_____ Nuss Brown
_____ Rich Earth	_____ Charcoal Grey	_____ Hunter Green	_____ Evergreen

Special roof color # _____

Special wall color # _____

Special trim color # _____

(Sage green, hunter and evergreen colors are not available in colored through concrete.)

Rock Color Options:

Basalt Mountain Blend Natural Grey Romana

Roof Texture Options:

Cedar Shake Ribbed Metal

Wall Texture Options:

(For single texture mark an X or for different top and bottom textures use T = Top / B = Bottom.)

Barnwood	Horizontal Lap	Napa Valley Rock	} <i>Can only be used as bottom texture.</i>
Split Face Block	Board & Batt	River Rock	
Stucco/Skip Trowel	Brick	Flagstone	

(Textures not included in CXT's quote are additional cost.)

Door Opener Options:

Non-locking ADA Handle Pull Handle/Push Plate
Privacy ADA Latch

Deadbolt Options:

CXT Supplied Customer Supplied: _____
Type & Part Number

Accessible Signage Options:

Men Women Unisex

Paper Holder Options:

2-Roll Stainless Steel 3-Roll Stainless Steel

Notes:

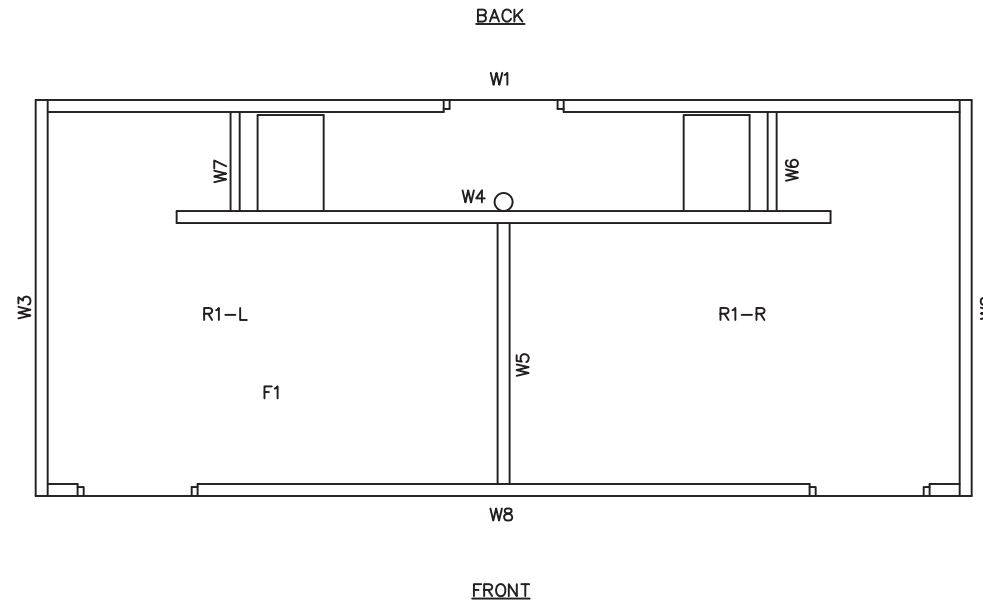


DAKOTA

MORGAN PARK, CA

NOTES

PANEL MARK NO. KEY PLAN



- BUILDING IS DESIGNED TO COMPLY WITH THE 2019 CALIFORNIA BUILDING STANDARDS CODE (CBCS).
- DESIGN COMPLIES WITH THE PROVISIONS OF THE 2019 CBCS CODE FOR THE FOLLOWING LOADS:
GROUND SNOW LOAD = 10 PSF
FLOOR LOAD = 400 PSF
IBC DESIGN SPECTRAL RESPONSE $S_s = 1.500$, $S_1 = 1.389$
SITE CLASS D
RISK CATEGORY: II
SEISMIC DESIGN CATEGORY: E
BEARING WALL SYSTEM $R = 4.0$
ULTIMATE DESIGN WIND SPEED = 150 MPH (3-SECOND GUST)
WIND EXPOSURE C
- CONSTRUCTION TYPE: V-B
OCCUPANCY: U
EXTERIOR WALLS: 1-HR RATED PER IBC TABLE 721.1(2), ITEM 4-1.1
MINIMUM FIRE SEPERATION DISTANCE: 10'
- CONCRETE STRENGTH $f'_{ci} = 2500$ PSI INITIAL $f'_c = 5000$ PSI
FINAL AIR ENTRAINMENT $6\% \pm 1\ 1/2\%$ IN PLASTIC CONCRETE.
REINFORCING STEEL: ASTM A615 #3 GRADE 40, #4 AND LARGER GRADE 60. MINIMUM LAP 18" AT SPLICES. TIE BARS WITH DOUBLE ANNEALED 16 GA IRON WIRE. REINFORCING TO BE PLACED IN CENTER OF PANEL UNO.
WELDED WIRE FABRIC(W.W.F.): ASTM A1064 GRADE 80, 4x4xW6.7xW6.7, $F_y=80$ KSI (OR EQUIVAL), 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 UNO.
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 ARE TO HAVE A MINIMUM RADIUS OF 6x THE BAR DIAMETER
- INSTALLATION TO MEET APPLICABLE LOCAL, STATE & FEDERAL CODES, BY OTHERS.
- ADEQUATE PLUMBING FACILITIES MUST BE PROVIDED IN ACCORDANCE WITH 2019 CBCS (NOT BY CXT)
- ACCESSIBLE ROUTE TO BE PROVIDE BY OTHER ON SITE (NOT BY CXT).

APPLICABLE CODES

2019 CALIFORNIA BUILDING STANDARDS CODE
CALIFORNIA CODE OF REGULATIONS, TITLE 24

SPECIAL CONDITIONS AND/OR LIMITATIONS

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

INDEX OF DRAWINGS

NO.	TITLE
DK-01	COVER SHEET
DK-02	HANDLING INSTRUCTIONS
DK-03	FLOOR PLAN
DK-04	BUILDING ELEVATIONS
DK-05	INTERIOR ELEVATIONS
DK-06	INTERIOR ELEVATIONS
DK-07	DETAILS
DK-08	WALL PANEL MARK W1
DK-09	WALL PANEL MARK W2
DK-10	WALL PANEL MARK W3
DK-11	WALL PANEL MARK W4
DK-12	WALL PANEL MARK W5
DK-13	WALL PANEL MARK W6
DK-14	WALL PANEL MARK W7
DK-15	WALL PANEL MARK W8
DK-16	FLOOR SLAB MARK F1
DK-17	ROOF SLAB MARK R1R
DK-18	ROOF SLAB MARK R1L
DK-19	GRAVEL PAD DETAIL
DK-20	FLOOR DRAIN LOCATIONS & BELOW FLOOR PIPING
DK-21	PARTIAL PLUMBING PLANS
DK-22	PLUMBING DETAILS, DIAGRAMS & SCHEDULE
DK-23	ELECTRICAL NOTES, DIAGRAMS & SCHEDULES
DK-24	ELECTRICAL PLANS
DK-25	MATERIAL LIST



March 26, 2021



Precast 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-089

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PLAN APPROVAL NO.: PEI 21-4104
APPROVED BY: EEJ
DATE APPROVED: 03/29/2021
DATE OF EXPIRATION: 06/29/2022

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CASTING TOLERANCES:

OVERALL LENGTH OR WIDTH
10 FT OR UNDER = $\pm 1/8"$
10 TO 20 FT = $\pm 1/8"$ -3/16"
20 TO 40 FT = $\pm 1/4"$
TOTAL THICKNESS = -1/8, +1/4
VARIATION FROM SQUARE = $\pm 1/8$ PER 6 FT OF DIAGONAL
LOCAL SMOOTHNESS = 1/4" IN 10 FT
SHEEP = $\pm 1/4"$
POSITION OF TENDONS = $\pm 1/4"$
POSITION OF BLOCKOUTS = $\pm 1/4"$
SIZE OF BLOCKOUTS = $\pm 1/4"$
POSITION OF EMBEDS = $\pm 1/4"$
TYPING AND FLUSHNESS OF PLATES = +1/16, -1/4
BOWING = LENGTH/200
END SQUARENESS = $\pm 1/8"$

CALIFORNIA STATE

APPROVAL TAG & PE DRAWINGS REQUIRED (2 SETS)

WALL TEXTURE: SPLIT FACE BLOCK
WALL COLOR: NATURAL HONEY

ROOF TEXTURE: CEDAR SHAKE
ROOF COLOR: SALSA RED

TRIM PAINT: DTM ALKYD ENAMEL BROWN

**2K ANTI GRAFFITI SEALER - INTERIOR AND EXTERIOR

REV.	DESCRIPTION	DATE	APPROVAL	DATE
1	CHASE DOOR SHEET 1 AND 24	MCT		2/26/21
	SCALE	1/4"=1'-0"	DATE	2/24/21
	DRAWN	R9	FILE NO.	DK-089
	CHECKED	SKR	PLOT	32

COVER SHEET

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

DAKOTA

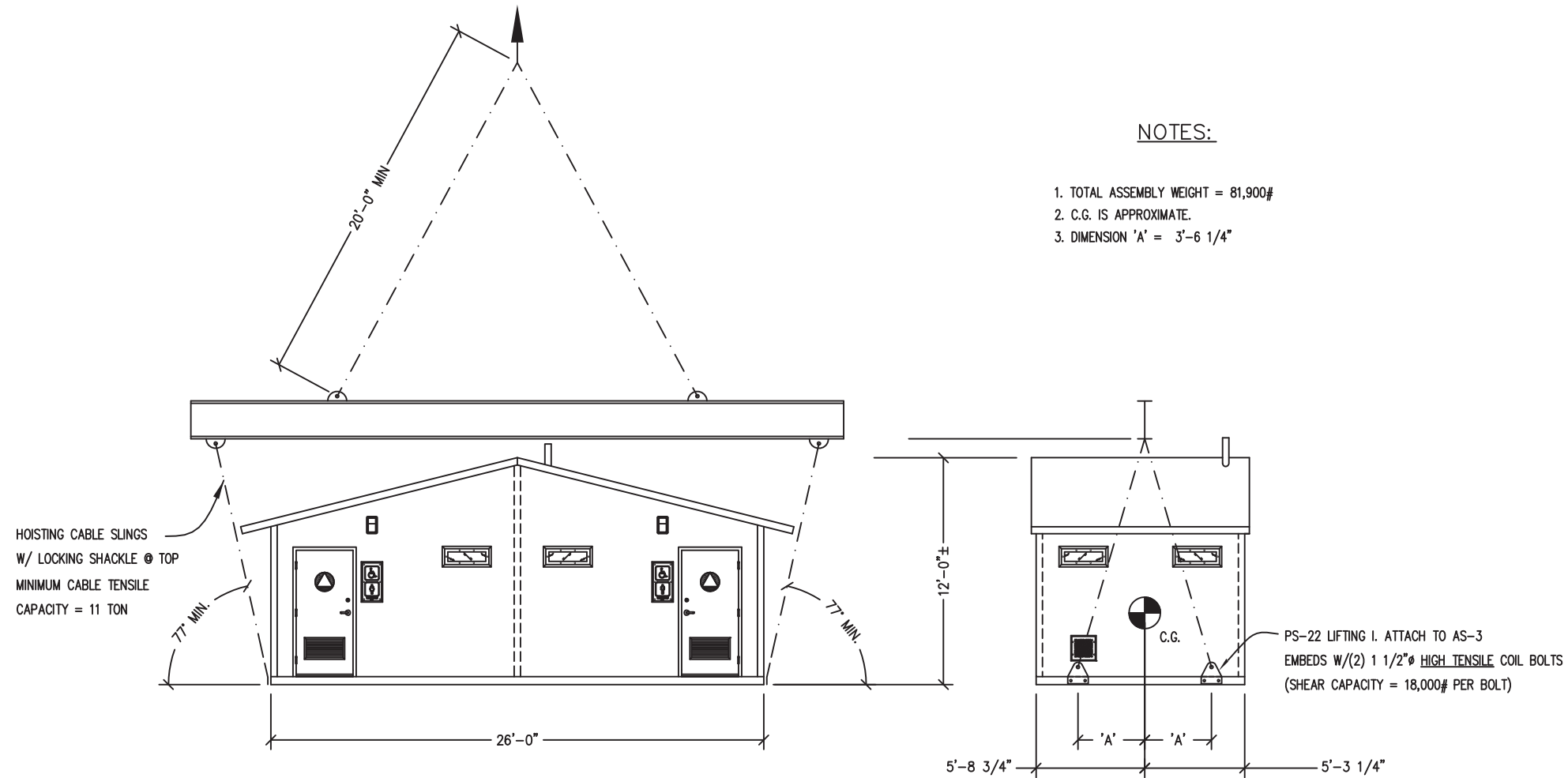
RECOMMENDED HANDLING AND INSTALLATION INSTRUCTIONS

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.

NOTES:

1. TOTAL ASSEMBLY WEIGHT = 81,900#
2. C.G. IS APPROXIMATE.
3. DIMENSION 'A' = 3'-6 1/4"



CRANE LIFTING SCHEMATIC



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REV.	DESCRIPTION	DATE	APPROVAL
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SCALE	1/8"=1'-0"	DATE	2/24/21
DRAWN	R9	FILE NO.	DK-089
CHECKED	SKR	PLOT	96

HANDLING INSTRUCTIONS

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

SHIPPING WEIGHTS AND DIMENSIONS DK-089

SECTION	WEIGHT	LENGTH	WIDTH	HEIGHT
UNIT A	81,900	26'-0"	11'-6"	12'-0"

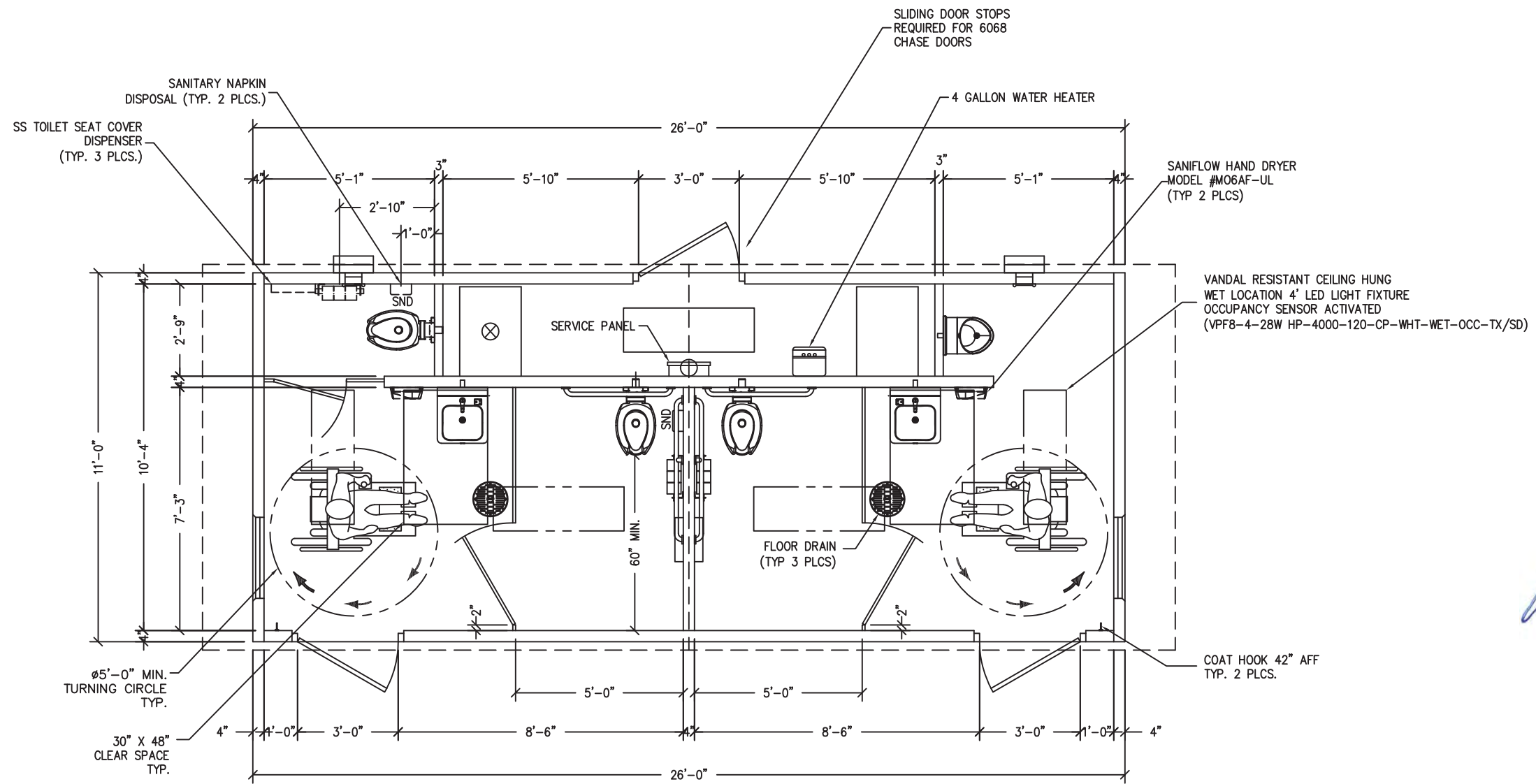
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CHECKED	SKR	PLOT	48	

FLOOR PLAN

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

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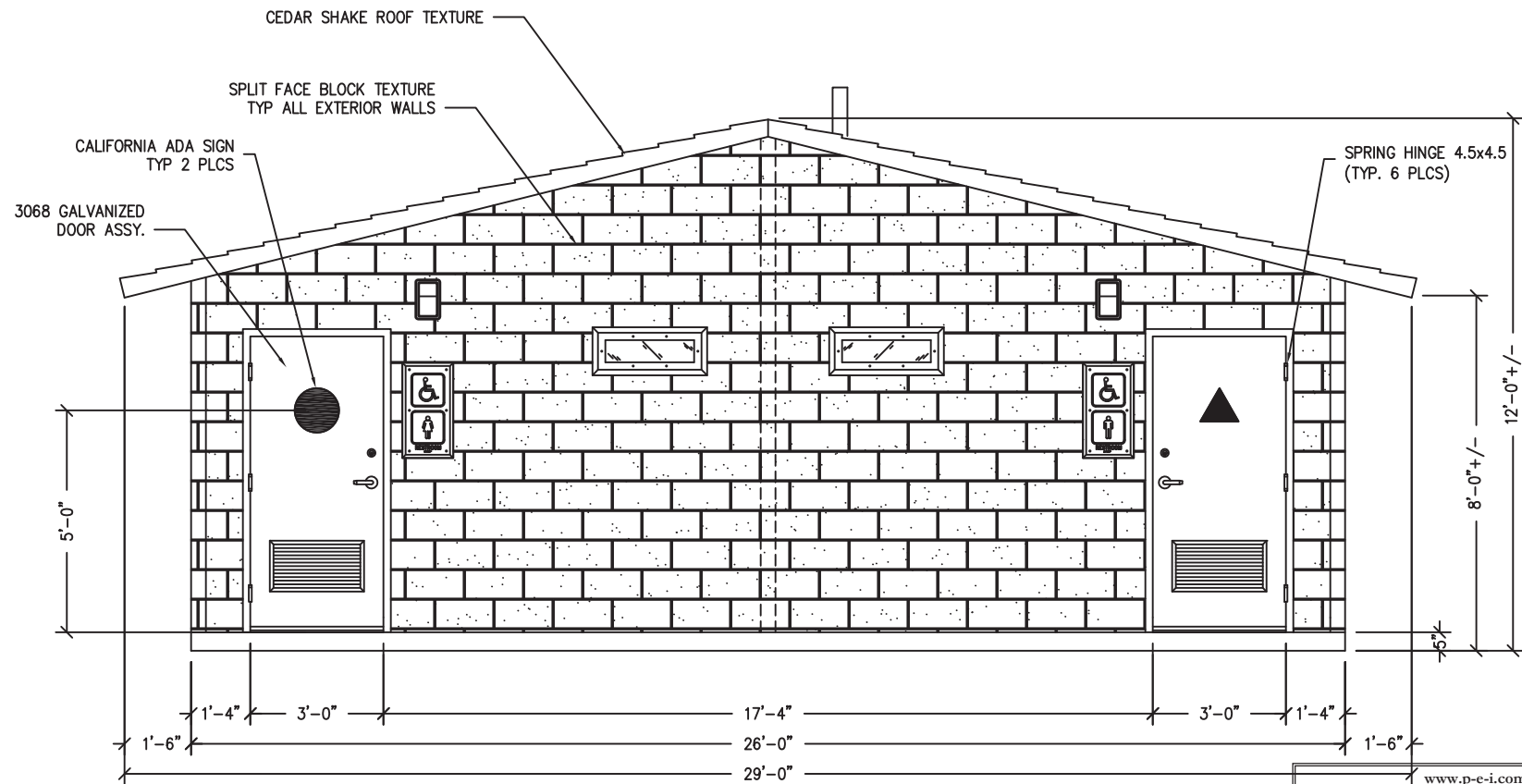
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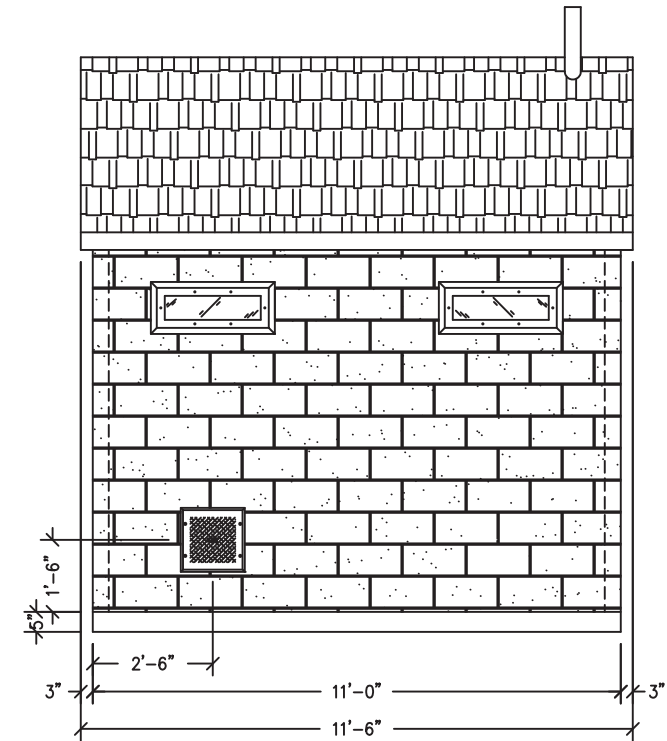
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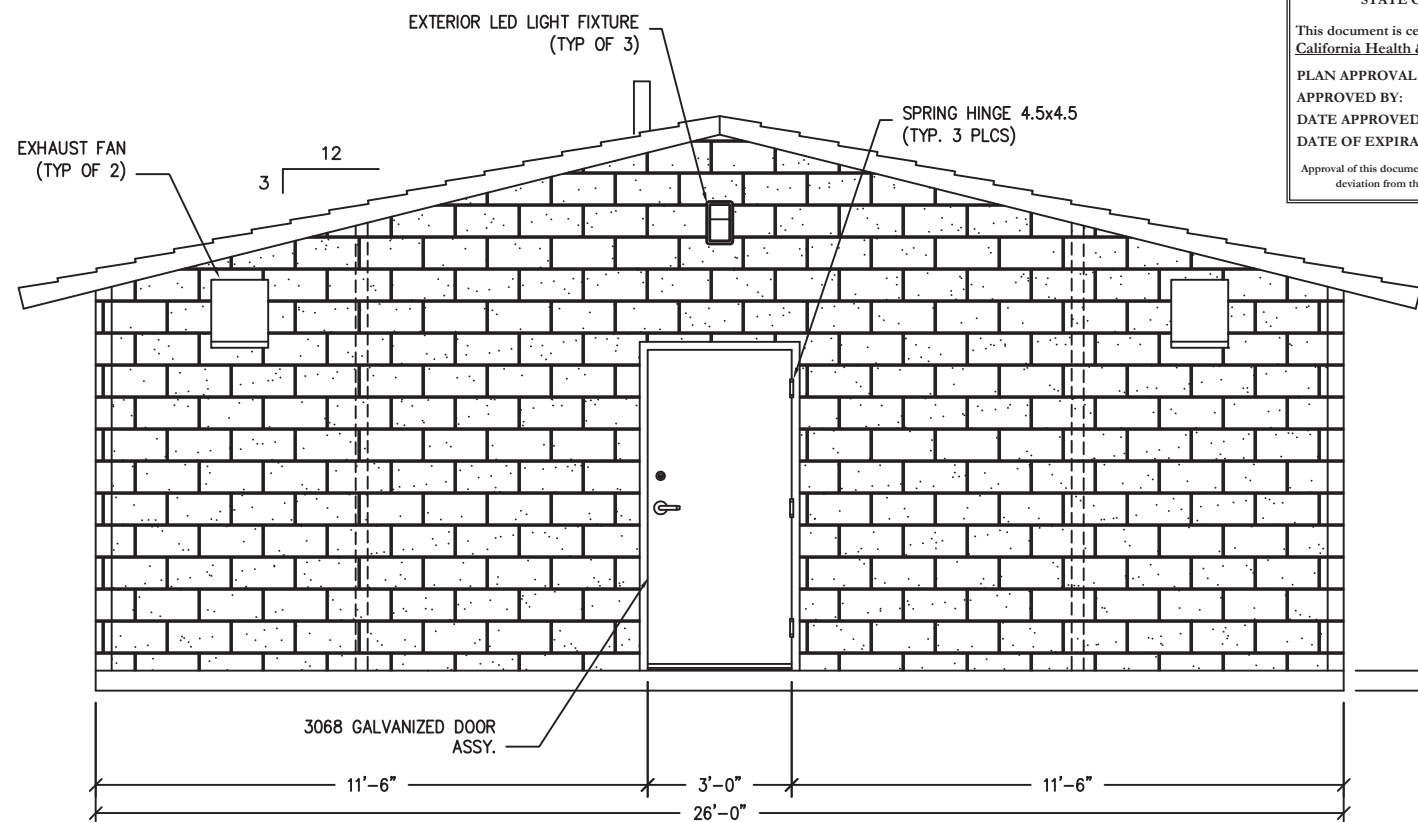
NOTE: ELECTRICAL AND PLUMBING COMPONENTS ARE SHOWN FOR GENERAL ARRANGEMENT ONLY. SEE SHEETS DK-20 THRU DK-24 FOR COMPLETE SYSTEM DESCRIPTIONS.



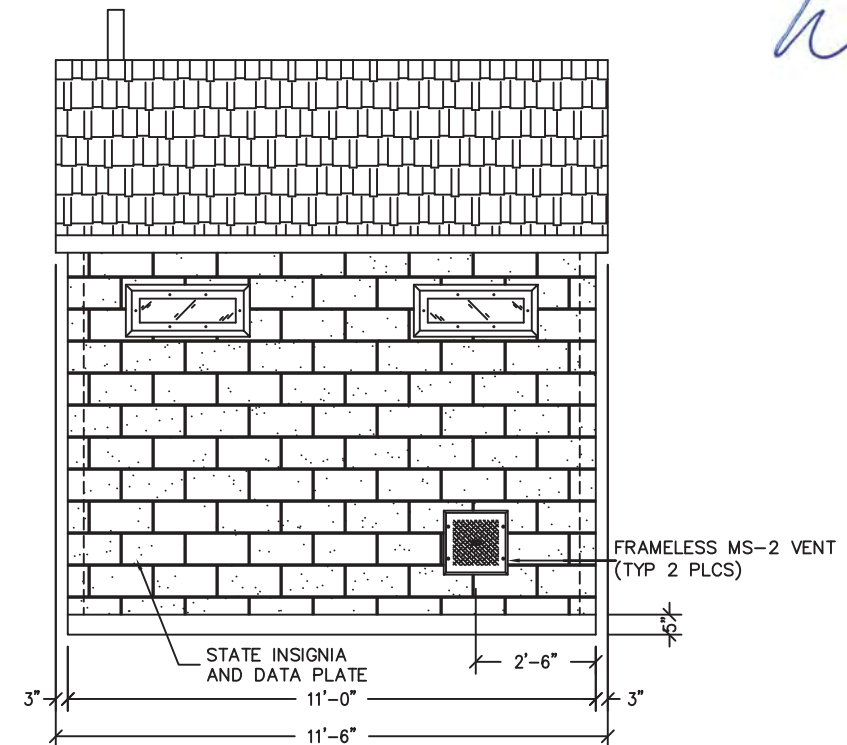
FRONT ELEVATION



RH ELEVATION



REAR ELEVATION



LH ELEVATION

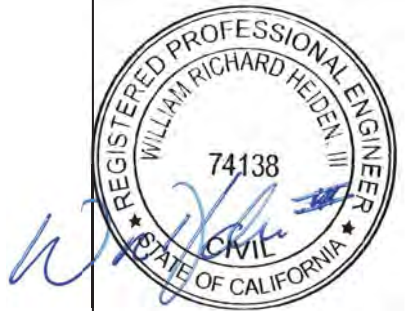
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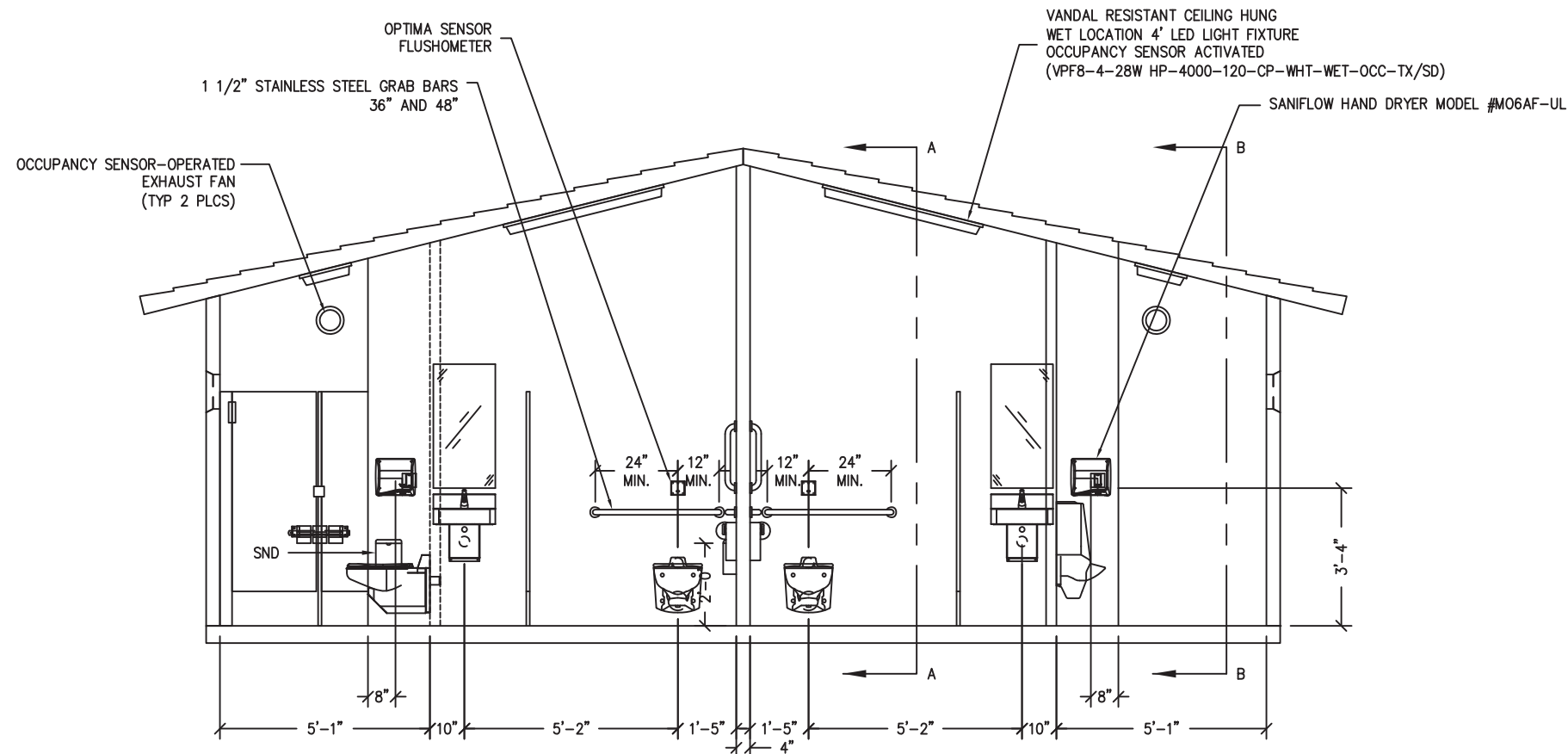
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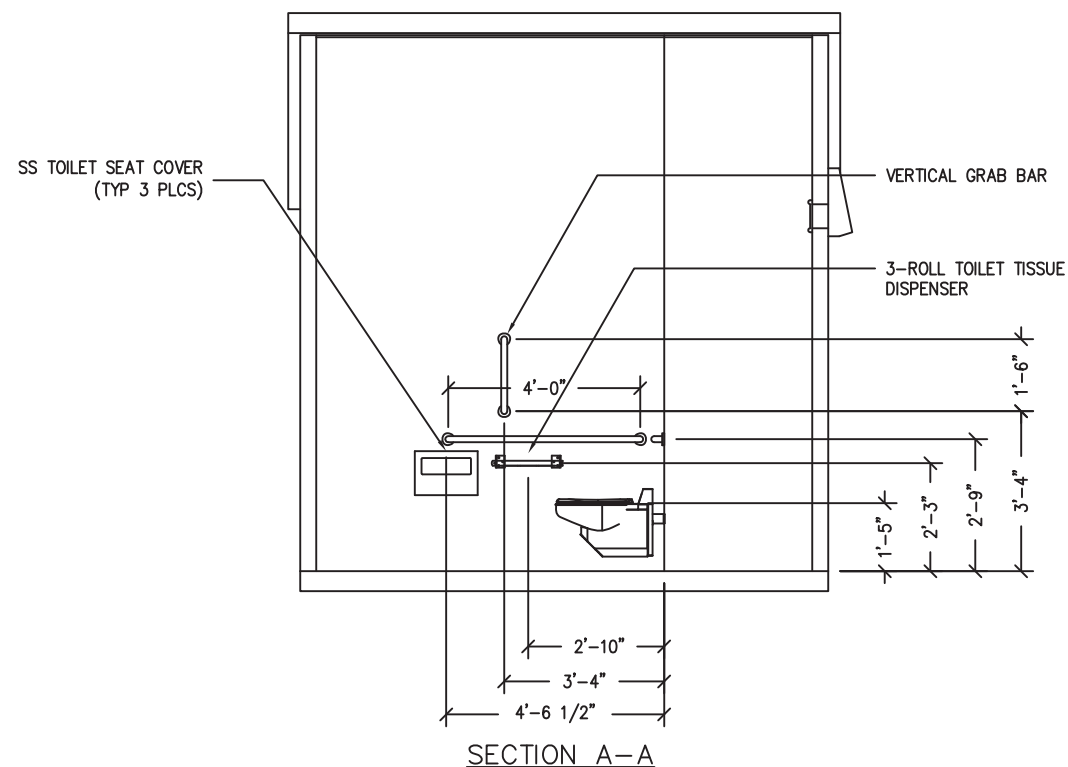
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REV.	DESCRIPTION	DATE	APPROVAL
SCALE	1/4"=1'-0"	DATE	2/24/21
DRAWN	R9	FILE NO.	DK-089
CHECKED	SKR	PLOT	48

BUILDING ELEVATIONS

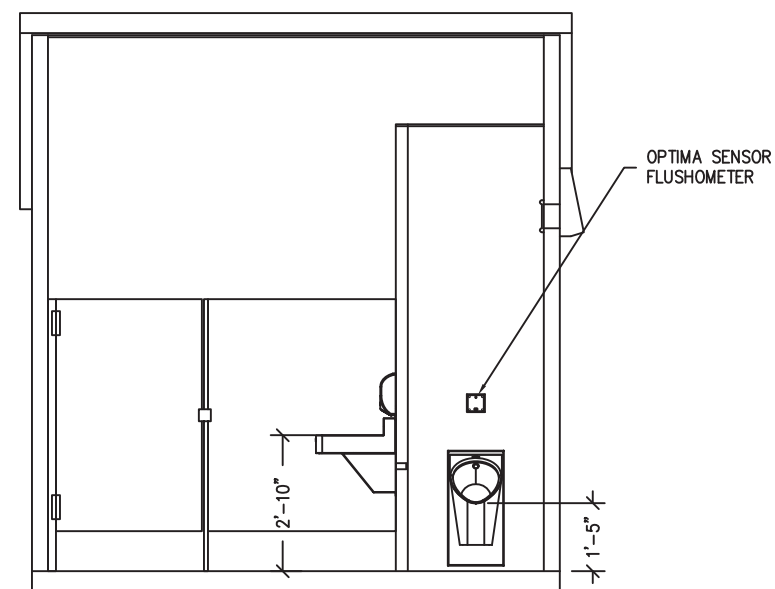
DWG NO.	SHEET	REV.
DK-04	4	1
	25	



INTERIOR ELEVATION – FRONT VIEW



SECTION A-A



SECTION B-B

INTERIOR ELEVATION – MEN'S RESTROOM
WOMEN'S OPPOSITE HAND

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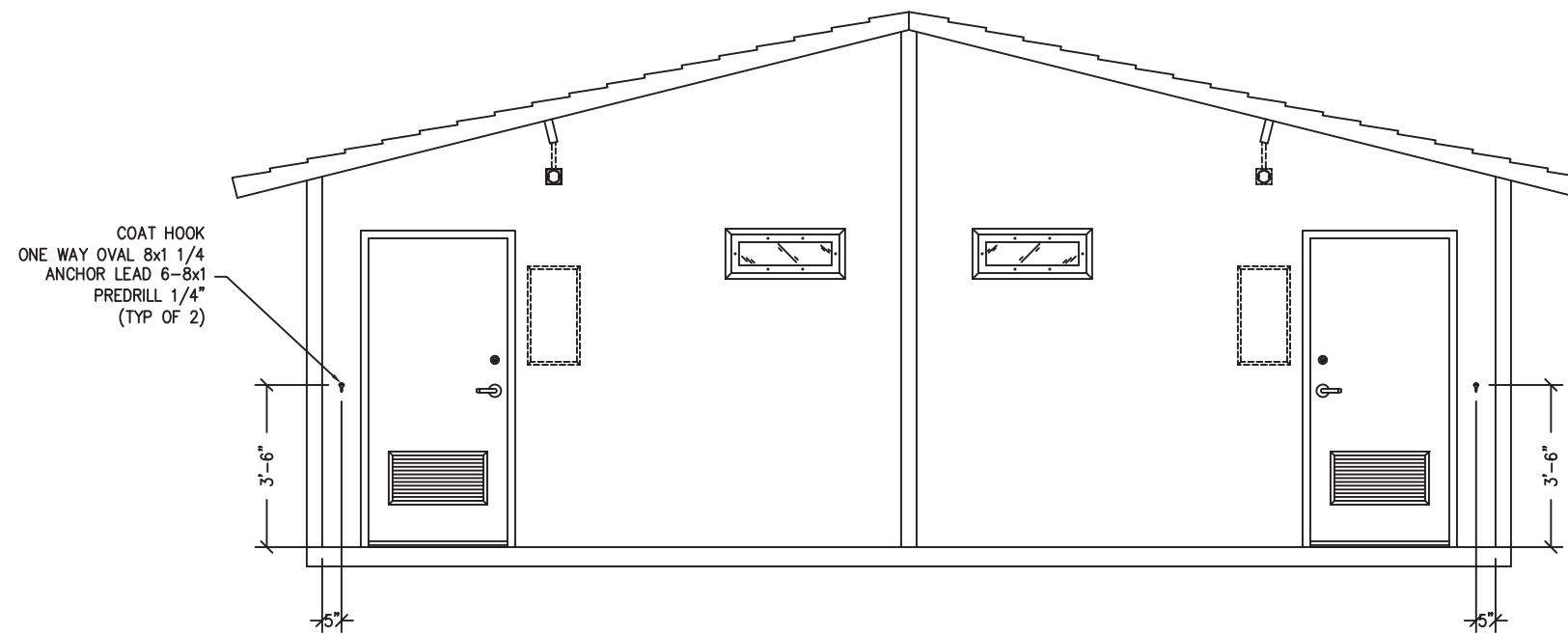
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INTERIOR ELEVATIONS

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



INTERIOR ELEVATION – REAR VIEW

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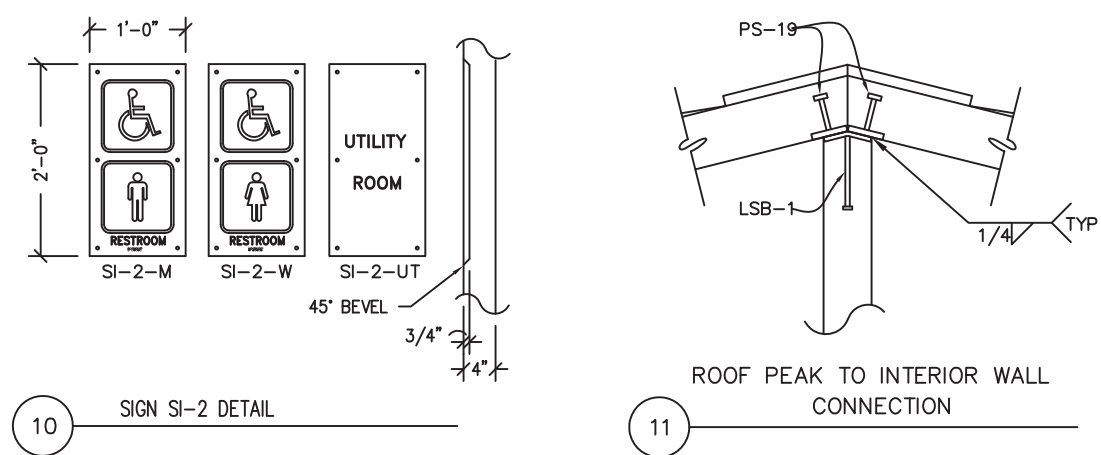
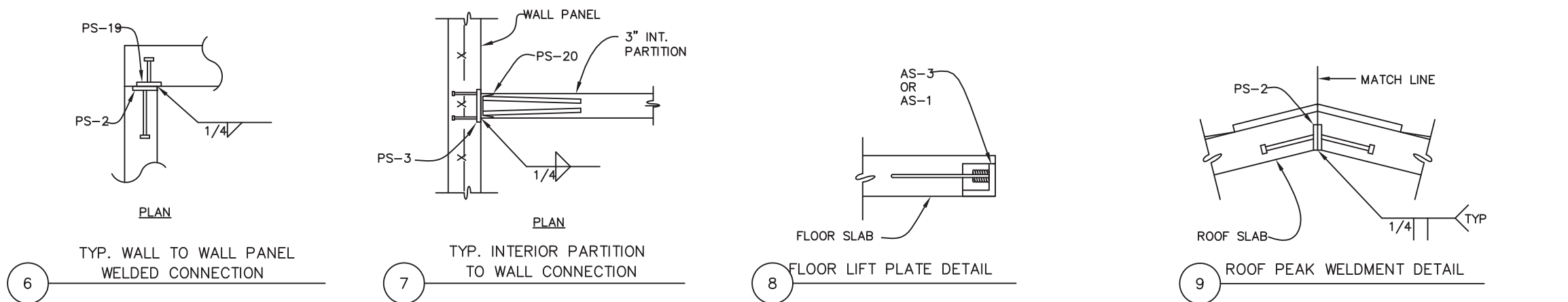
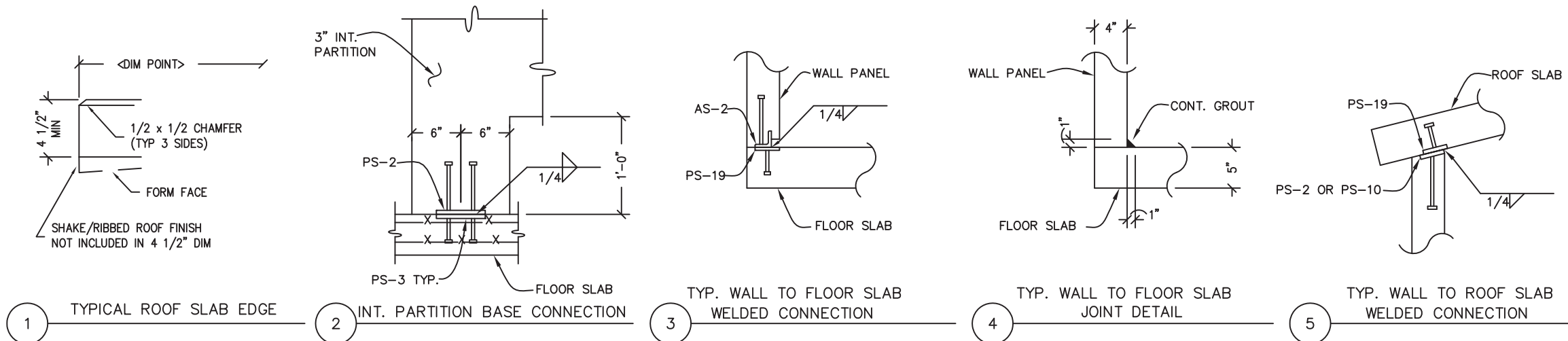
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	DRAWN R9	FILE NO.	DK-089	
	CHECKED SKR	PLOT	48	

INTERIOR ELEVATIONS

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



CXT
Precast 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-089

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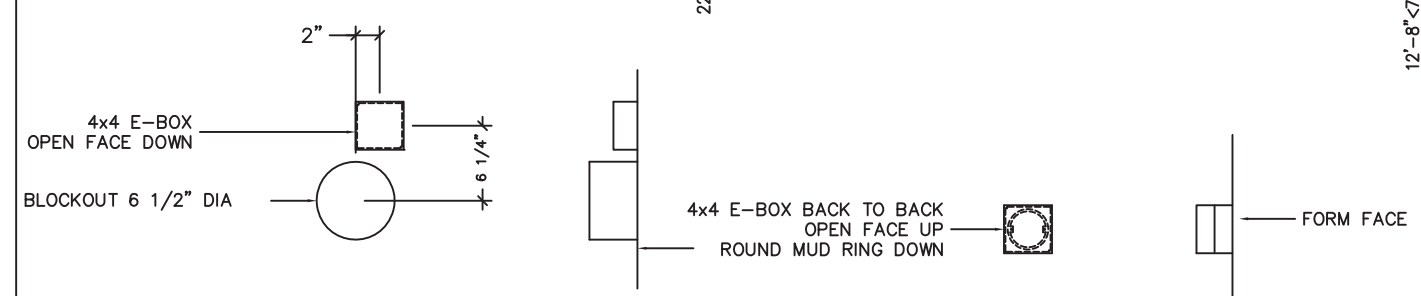
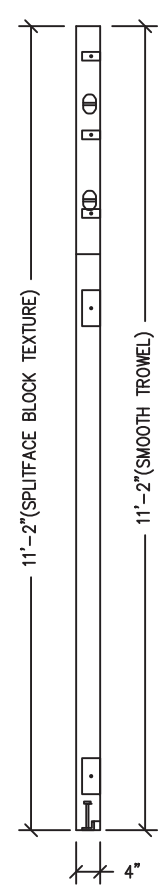
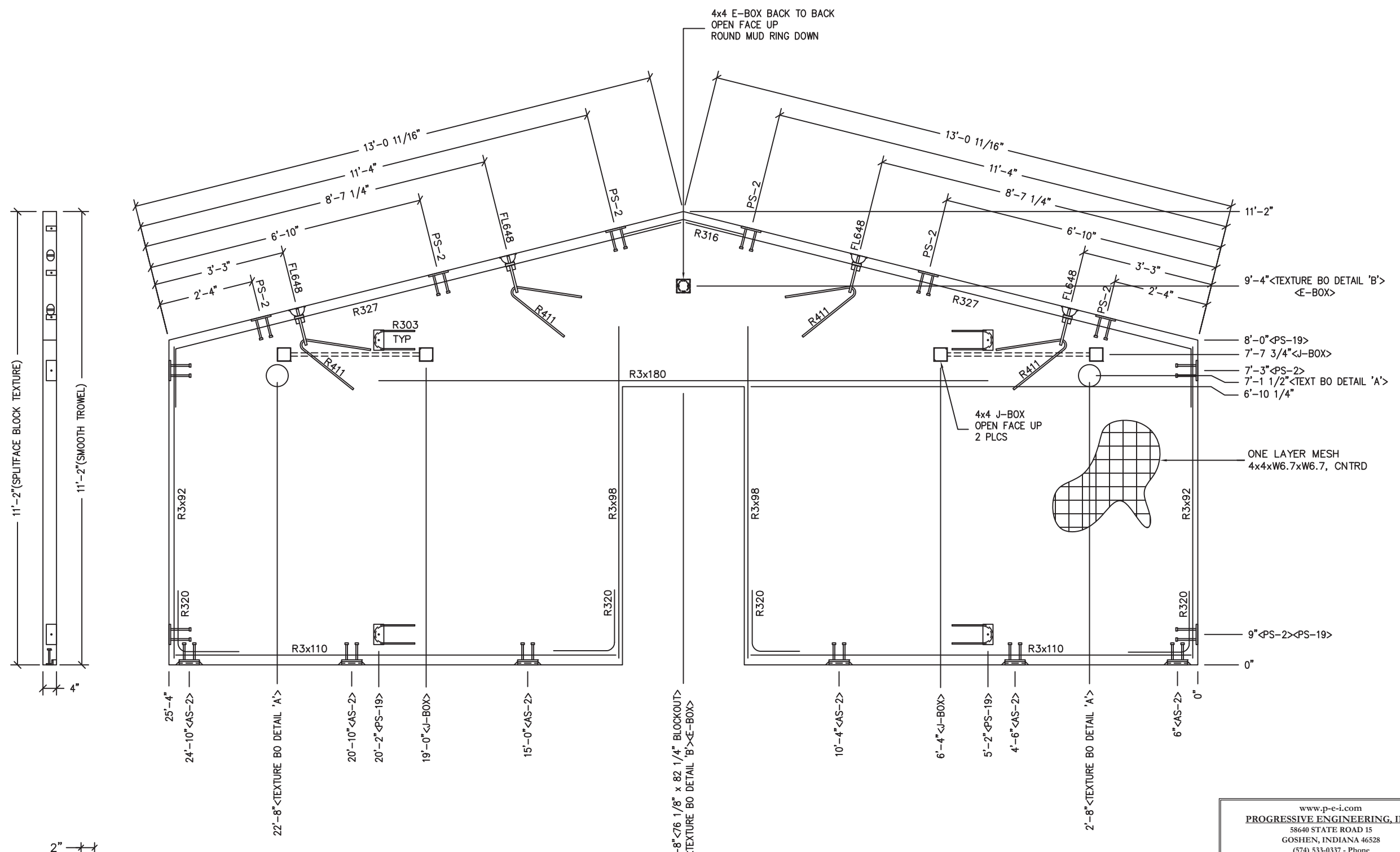
PLAN APPROVAL NO.: PEI 21-4104
 APPROVED BY: EEJ
 DATE APPROVED: 03/29/2021
 DATE OF EXPIRATION: 06/29/2022

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REV.	DESCRIPTION	DATE	APPROVAL	DATE
1	CHASE DOOR SHEET 1 AND 24	MCT		2/26/21
	SCALE	3/4"=1'-0"	DATE	2/24/21
	DRAWN	R9	FILE NO.	DK-089
	CHECKED	SKR	PLOT	16

DETAILS

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



DETAIL 'A'
TEXTURE BLOCKOUT
FAN - FANTECH RVF6XL

TEXTURE BLOCK OUT DETAIL 'B'

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- NOTES:**
1. WALL THICKNESS = 4"
 2. 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

EMBEDDED MATERIALS	
ITEM	QTY
AS-2	6
PS-2	10
PS-19	4
FL-648	4
R411	4
R303	4
R327	2
R3x92	4
R3x98	4
R316	1
R3x180	2
R3x110	4
R320	8
4x4 J-BOX	4
4x4 E-BOX	2
ROUND MUD RING	1
76 1/8" x 82 1/4" BLOCKOUT	1
3 1/2" DIA. B.O.	2
6 1/2" DIA. B.O.	2

CU. FT. CONC.	SQ. FT. W.W.F.
67.6 (2.50)	203
APPROXIMATE WEIGHT	
10,140	



March 26, 2021

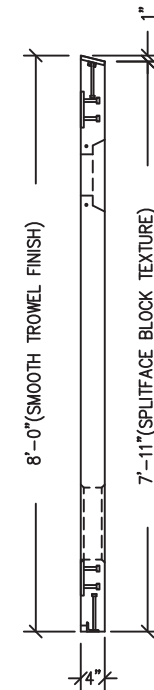
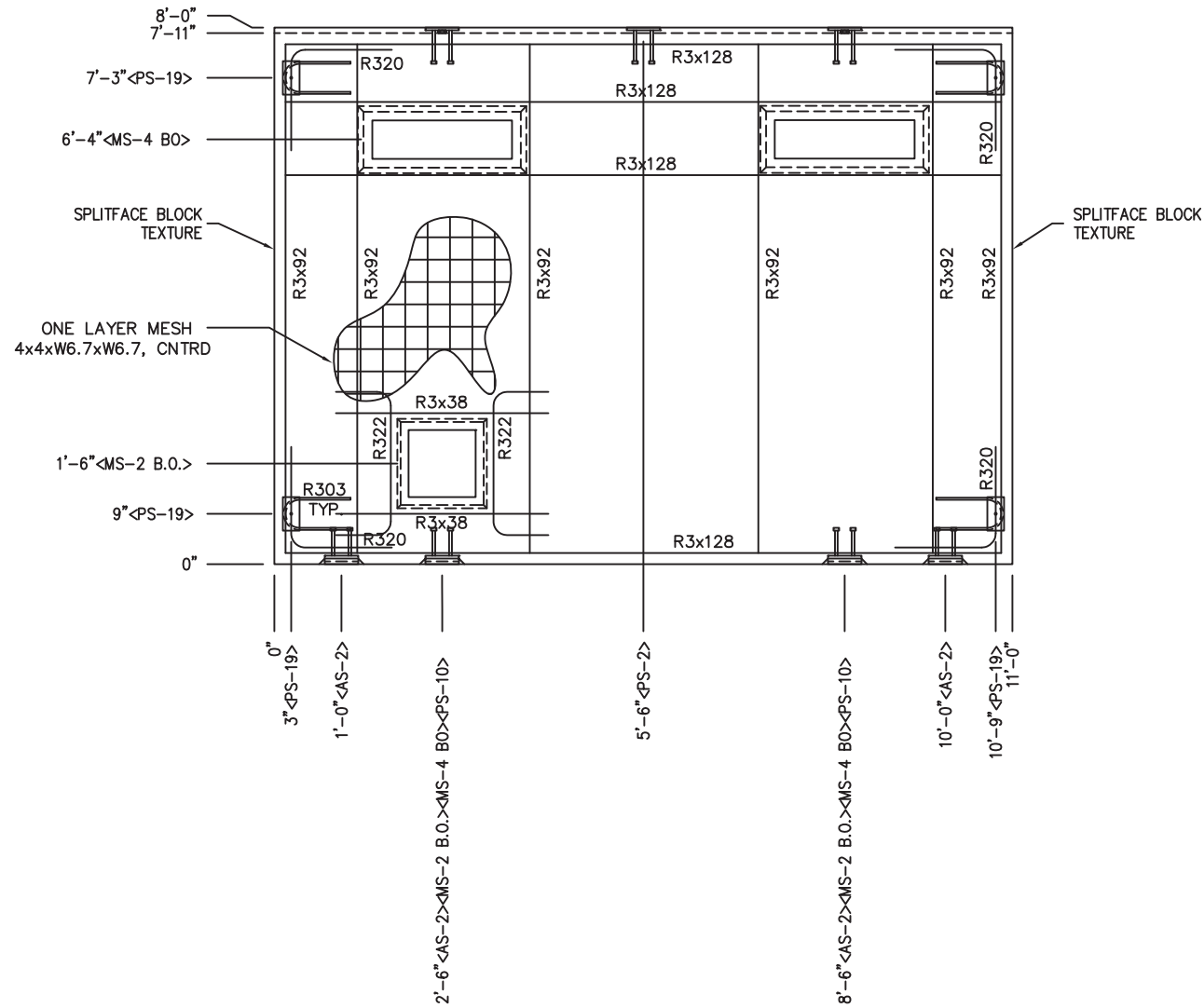
CXT
Precast Products
 6707 E. Flamingo Ave. Bldg 300, Nampa, ID 83687
 901 N. Highway 77 Hillsboro, TX 76645
 362 Waverly Road Williamstown, WV 26187

PROJECT TITLE
DAKOTA
 BUILDING NUMBER DK-089

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CXT Incorporated	
1	CHASE DOOR SHEET 1 AND 24
MCT	2/26/21
SCALE	3/8"=1'-0"
DATE	2/24/21
APPROVAL	
FILE NO.	DK-089
PLOT	32

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



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NOTES:

1. WALL THICKNESS = 4" + TEXTURE
2. EXCEPT R303, R322 & R3x38 REINFORCING BARS TO BE PLACED IN PAIRS ONE EACH FACE OF PANEL W/ 3/4" MIN. COVER
3. ALL OTHER BARS TO BE CENTERED IN PANEL.

EMBEDDED MATERIALS	
ITEM	QTY
AS-2	4
PS-10	2
PS-19	4
R303	4
MS-4 BLOCKOUT	2
R3x128	8
R3x92	12
R320	8
MS-2 BLOCKOUT	2
PS-2	1
R322	4
R3x38	4

CU. FT. CONC.	SQ. FT. W.W.F.
28.2 (1.04)	88
APPROXIMATE WEIGHT	
4,230	



March 26, 2021

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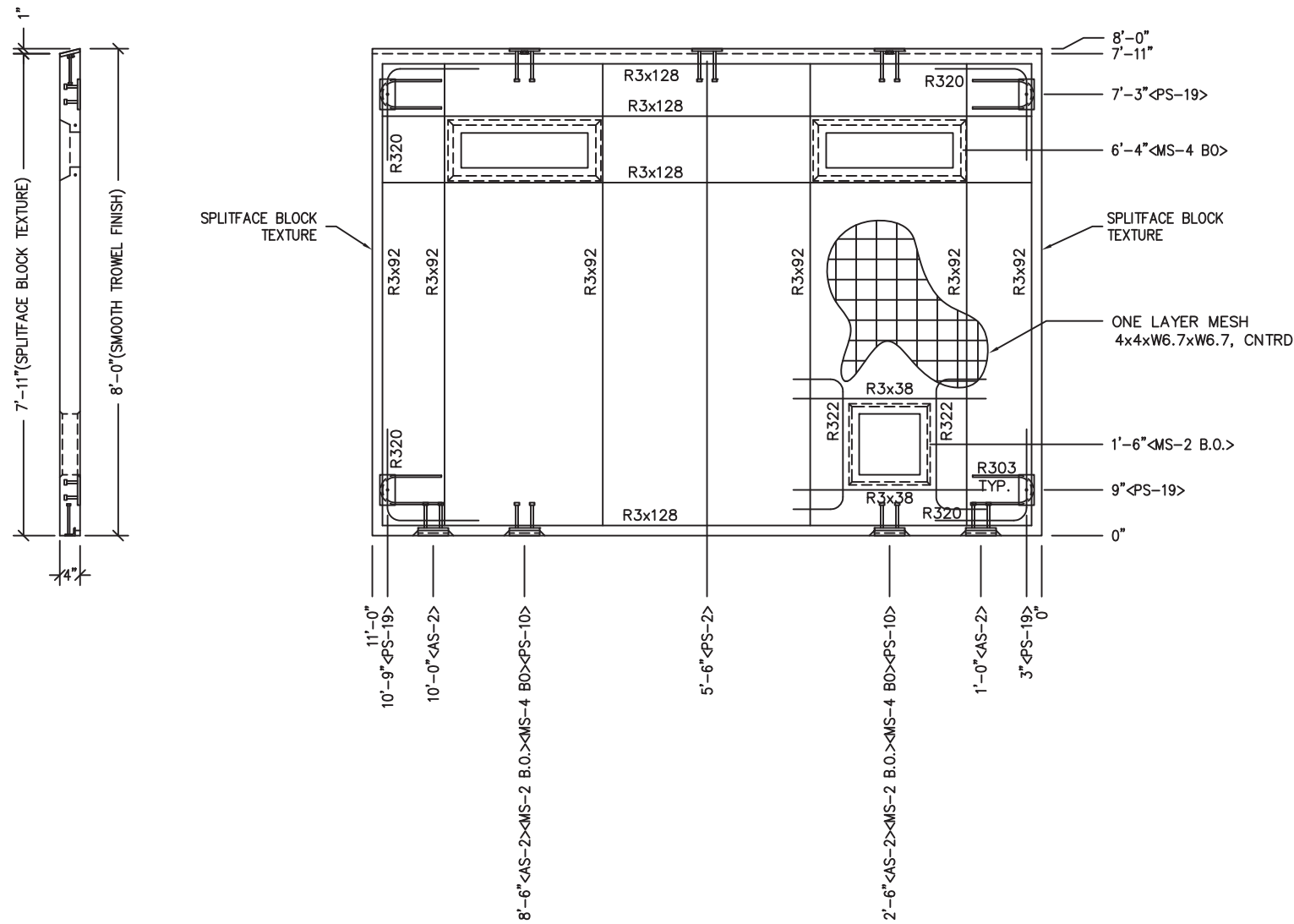
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CXT Incorporated

REV.	DESCRIPTION	DATE	APPROVAL	DATE
1	CHASE DOOR SHEET 1 AND 24	MCT		2/26/21
	SCALE	3/8"=1'-0"		2/24/21
	DRAWN	R9	FILE NO.	DK-089
	CHECKED	SKR	PLOT	32

WALL PANEL MARK W2		
DWG NO.	SHEET	REV.
DK-09	9/25	1



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

EMBEDDED MATERIALS	
ITEM	QTY
AS-2	4
PS-10	2
PS-19	4
R303	4
MS-4 BLOCKOUT	2
R3x128	8
R3x92	12
R320	8
MS-2 BLOCKOUT	2
PS-2	1
R322	4
R3x38	4

CU. FT. CONC.	SQ. FT. W.W.F.
28.2 (1.04)	88
APPROXIMATE WEIGHT	
4,230	



March 26, 2021

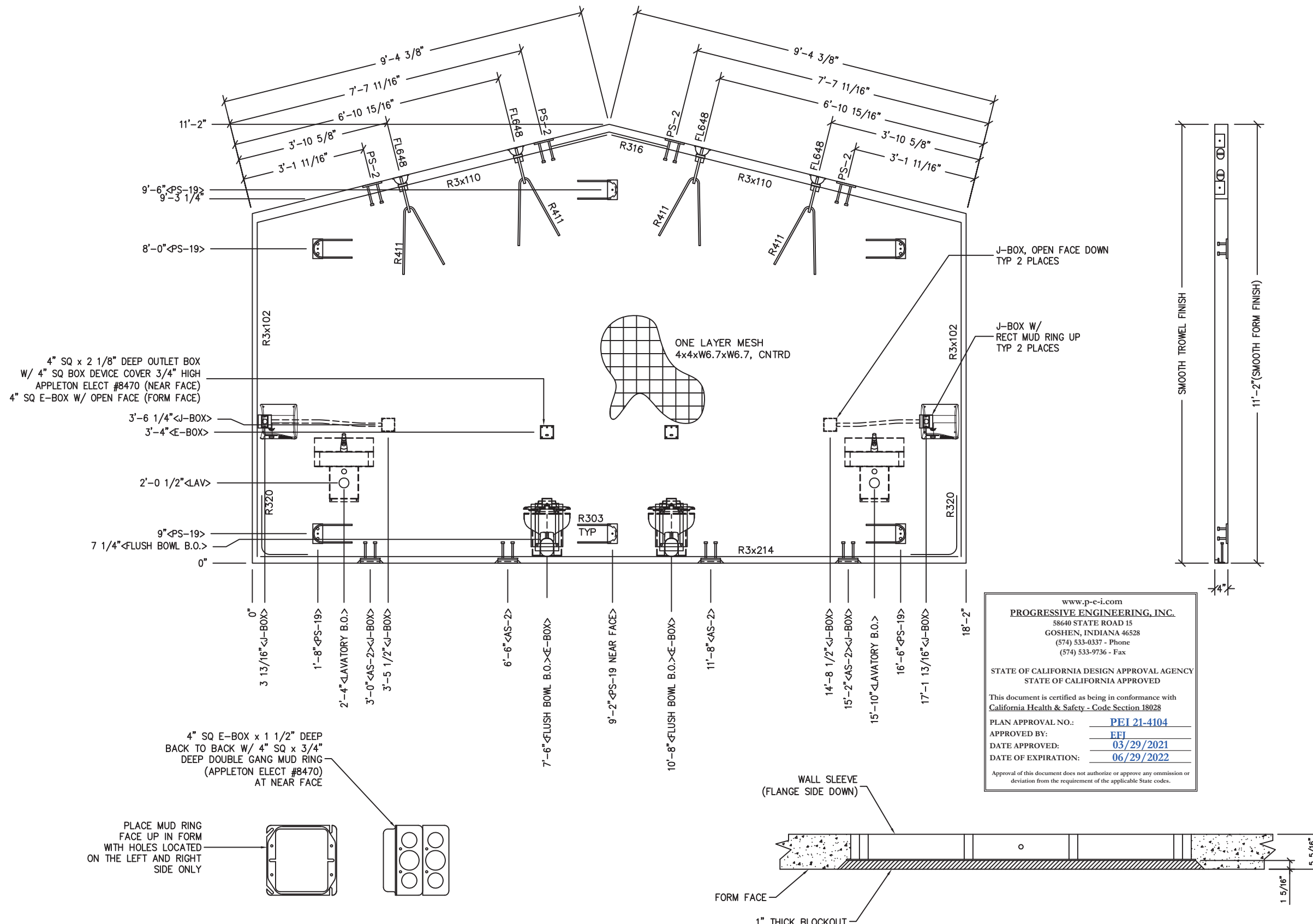
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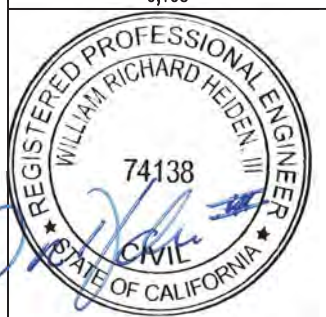
1	CHASE DOOR SHEET 1 AND 24	MCT	2/26/21
REV.	DESCRIPTION	APPROVAL	DATE
SCALE	3/8"=1'-0"	DATE	2/24/21
DRAWN	R9	FILE NO.	DK-089
CHECKED	SKR	PLOT	32

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



EMBEDDED MATERIALS	
ITEM	QTY
AS-2	4
PS-2	4
PS-19	6
FL-648	4
R411	4
R303	6
R3x110	2
R3x102	4
R316	1
R3x214	2
R320	4
FLUSH BOWL BO	2
4x4 E-BOX	4
2 GANG MUD RING	2
4x4 J-BOX	4
RECT MUD RING	2
LAVATORY B.O.	2

CU. FT. CONC.	SQ. FT. W.W.F.
60.7 (2.25)	182
APPROXIMATE WEIGHT	
9,105	



March 26, 2021

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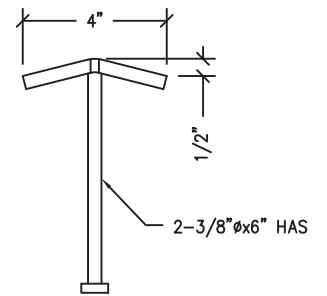
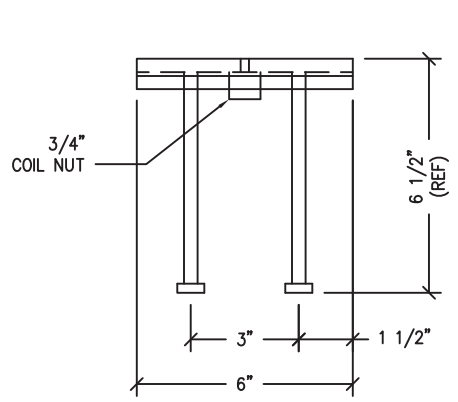
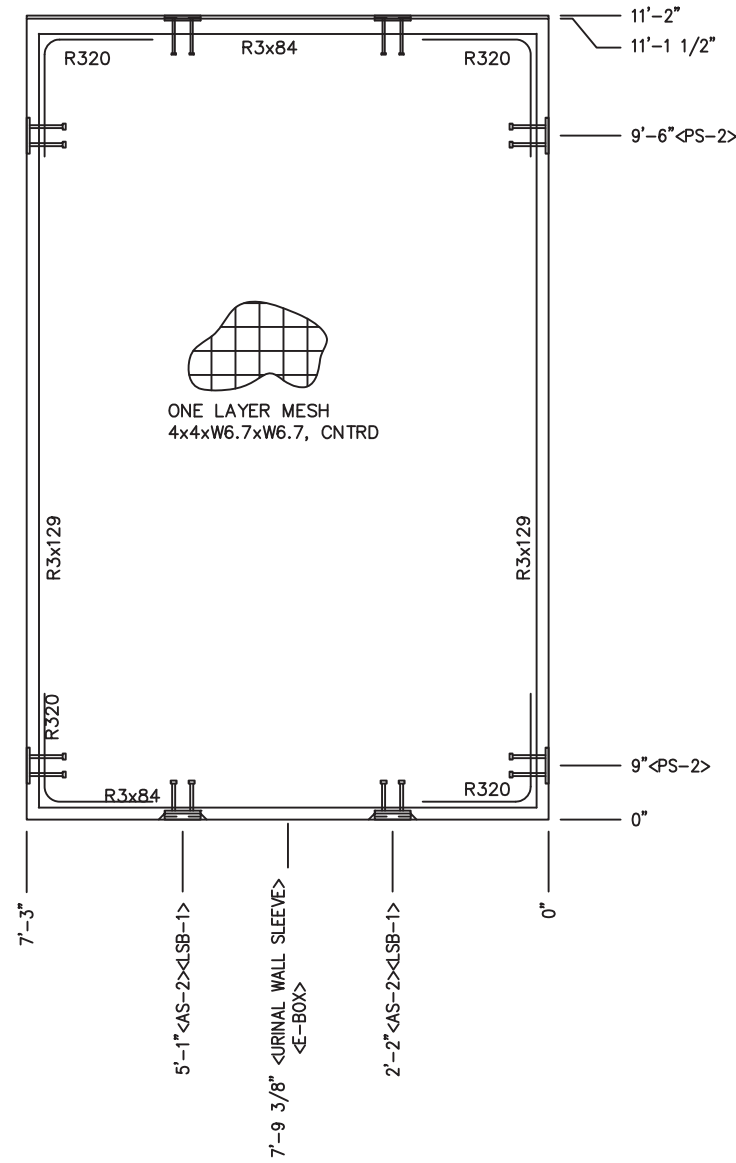
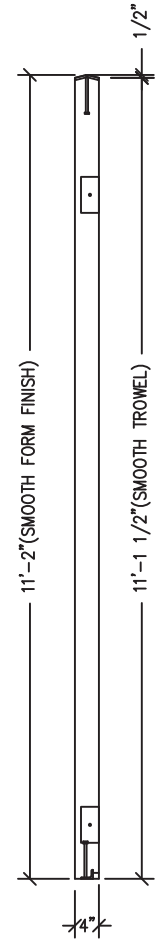
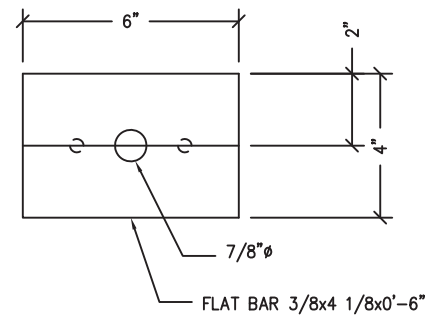
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BUILDING NUMBER DK-089

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1	CHASE DOOR SHEET 1 AND 24	MCT	2/26/21
REV.	DESCRIPTION	DATE	APPROVAL
SCALE	3/8"=1'-0"	DATE	2/24/21
DRAWN	R9	FILE NO.	DK-089
CHECKED	SKR	PLOT	32

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

- NOTES:
1. WALL THICKNESS = 4"
 2. 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



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

EMBED: LSB-1

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- NOTES:**
1. WALL THICKNESS = 4"
 2. 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

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

CU. FT. CONC.	SQ. FT. W.W.F.
26.9 (1.00)	81
APPROXIMATE WEIGHT	
4,035	



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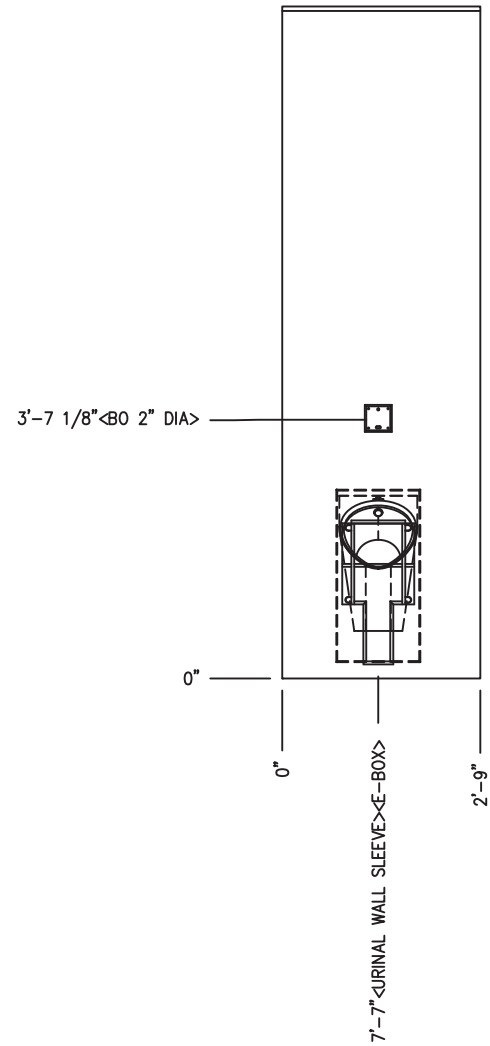
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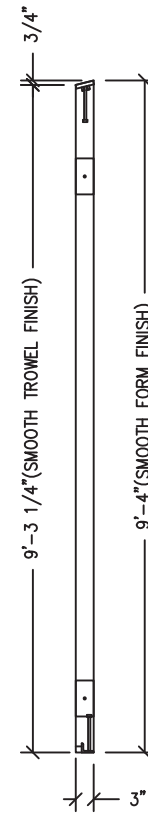
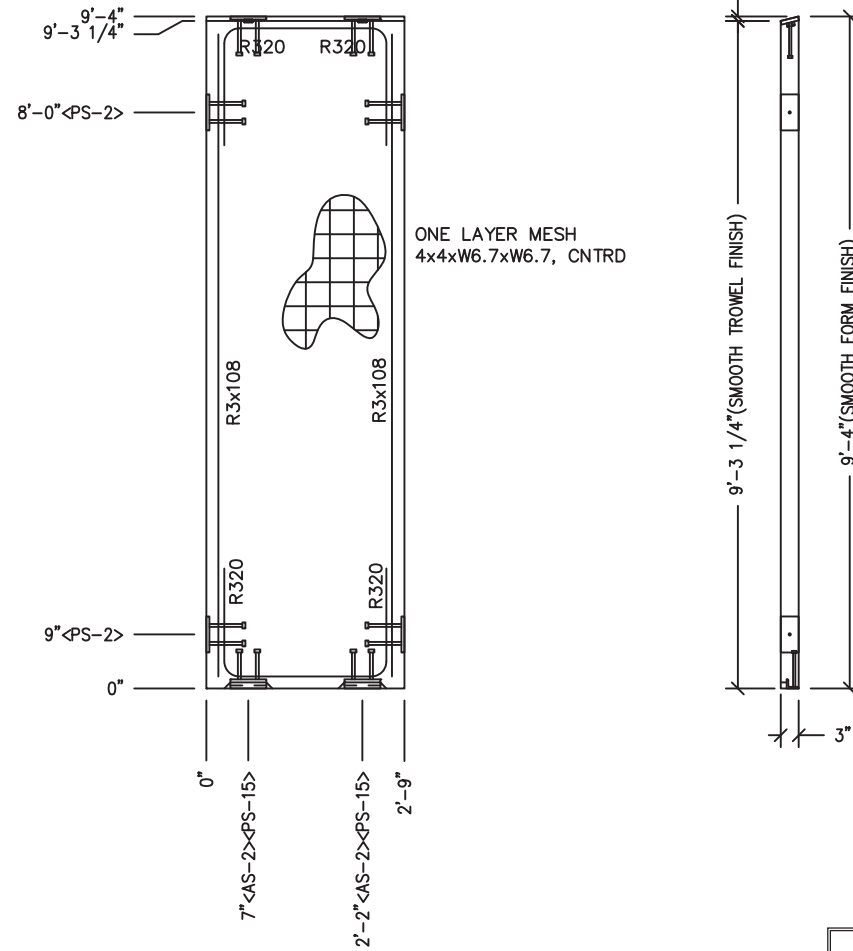
REV.	DESCRIPTION	DATE	APPROVAL	DATE
1	CHASE DOOR SHEET 1 AND 24	MCT		2/26/21
	SCALE	3/8"=1'-0"	DATE	2/24/21
	DRAWN	R9	FILE NO.	DK-089
	CHECKED	SKR	PLOT	32

WALL PANEL MARK W5			
DWG NO.	SHEET	SHEET	REV.
DK-12	12	25	1

BLOCKOUTS



EMBEDS



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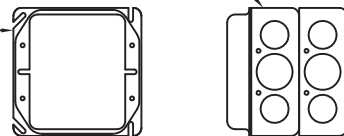
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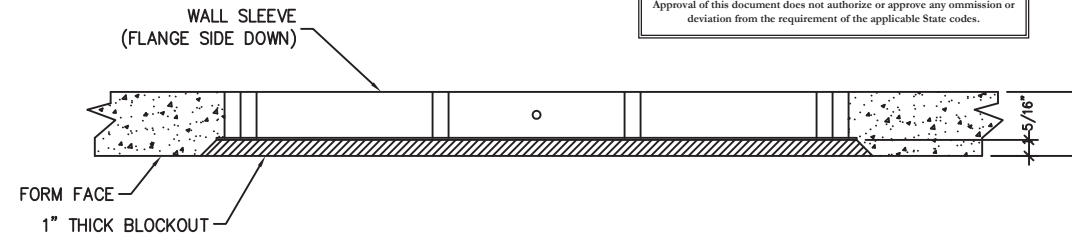
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4" SQ E-BOX x 1 1/2" DEEP
 BACK TO BACK W/ 4" SQ x 3/4"
 DEEP DOUBLE GANG MUD RING
 (APPLETON ELECT #8470)
 AT NEAR FACE

PLACE MUD RING
 FACE UP IN FORM
 WITH HOLES LOCATED
 ON THE LEFT AND RIGHT
 SIDE ONLY



**SLOAN FLUSH SENSOR E-BOX DETAIL
 FOR 4" WALL THICKNESS**



WALL SLEEVE BLOCKOUT DETAIL

NOTES:

1. WALL THICKNESS = 3"
2. REINFORCING BARS TO BE PLACED IN PAIRS
 ONE EACH FACE OF PANEL W/ 3/4" MIN. COVER

EMBEDDED MATERIALS	
ITEM	QTY
AS-2	2
PS-15	2
PS-2	4
R3x108	4
R320	8
URINAL BLOCKOUT	1
4x4 E-BOX	2
2 GANG MUD RING	1

CU. FT. CONC.	SQ. FT. W.W.F.
6.4 (0.24)	26
APPROXIMATE WEIGHT	
960	



March 26, 2021



Precast Products

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PROJECT TITLE

DAKOTA
 BUILDING NUMBER DK-089

NOTICE

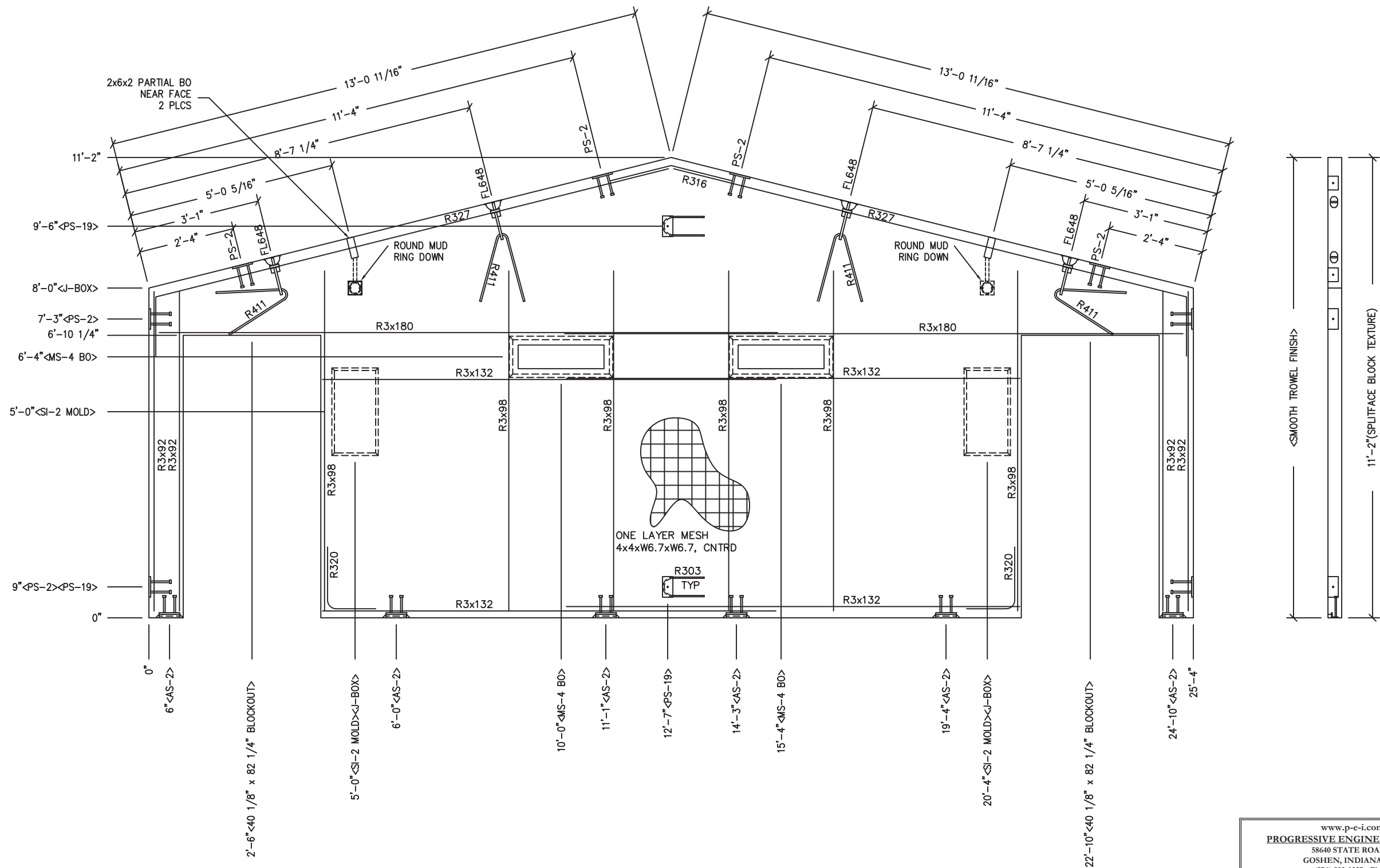
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CXT Incorporated

1	CHASE DOOR SHEET 1 AND 24	MCT	2/26/21
REV.	DESCRIPTION	DATE	APPROVAL
SCALE	3/8"=1'-0"	DATE	2/24/21
DRAWN	R9	FILE NO.	DK-089
CHECKED	SKR	PLOT	32

**WALL PANEL
 MARK W6**

DWG NO.	SHEET	REV.
DK-13	13	1
	25	



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

CU. FT. CONC. 64.8 (2.40)	SQ. FT. W.W.F. 194
APPROXIMATE WEIGHT 9,720	



March 26, 2021

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1	CHASE DOOR SHEET 1 AND 24	MCT	2/28/21
REV.	DESCRIPTION	DATE	APPROVAL
	3/8"=1'-0"	2/24/21	
DRAWN	R9	FILE NO.	DK-089
CHECKED	SKR	PLOT	32

WALL PANEL MARK W8		
DWG. NO. DK-15	SHEET 15 25	REV. 1

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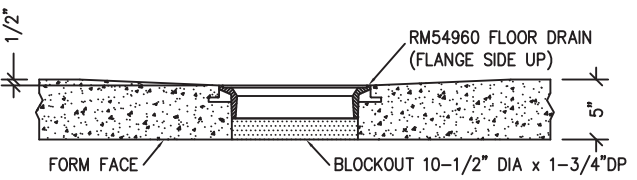
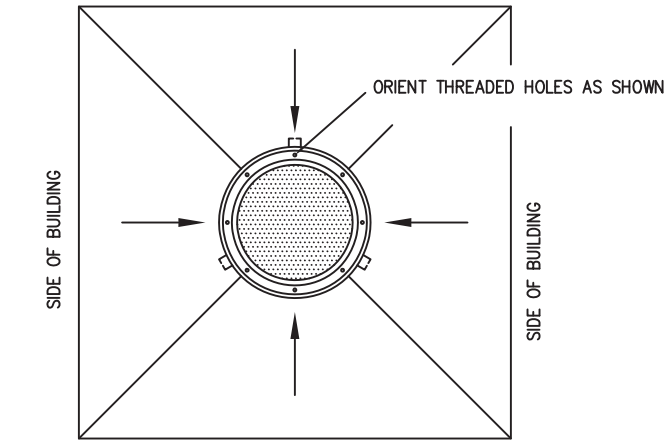
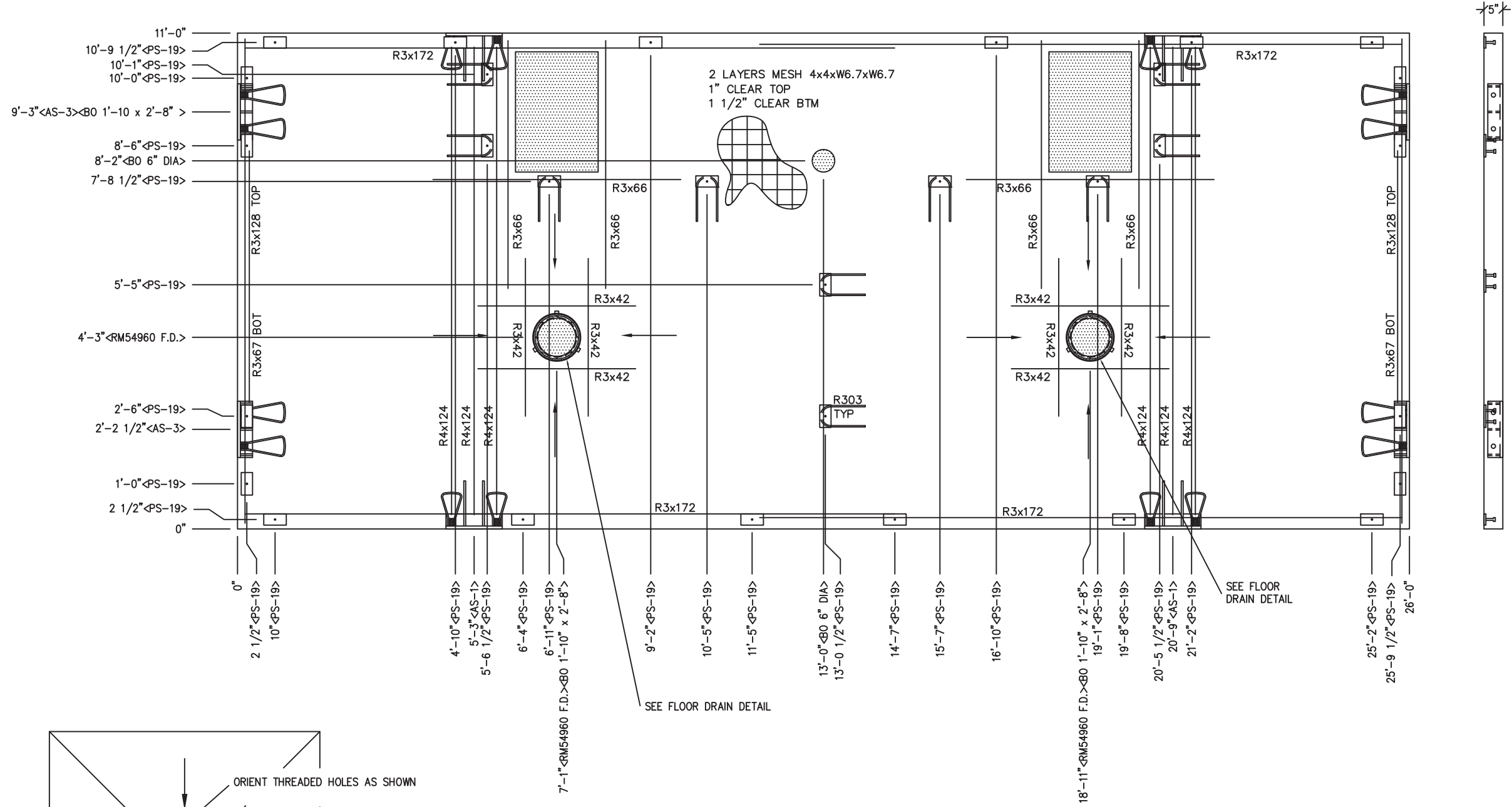
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- NOTES:**
1. WALL THICKNESS = 4"
 2. EXCEPT R303, R411, R327 & R316, REINFORCING BARS TO BE PLACED IN PAIRS ONE EACH FACE OF PANEL W/ 3/4" MIN. COVER
ALL OTHER BARS TO BE CENTERED IN PANEL



FLOOR DRAIN BLOCKOUT DETAIL

- NOTES:**
- FLOOR THICKNESS = 5". 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 1/4" COVER

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EMBEDDED MATERIALS	
ITEM	QTY
AS-1	4
AS-3	4
PS-19	30
R303	10
R3x42	16
R3x67	2
R3x66	12
R3x128	2
R3x172	8
R4x124	6
RM54960 F.D.	2
BLOCKOUT 1'-10" x 2'-8"	2
BLOCKOUT 6" DIA	1

CU. FT. CONC. 114.1 (4.23) SQ. FT. W.W.F. 572
 APPROXIMATE WEIGHT 17,130



March 26, 2021

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

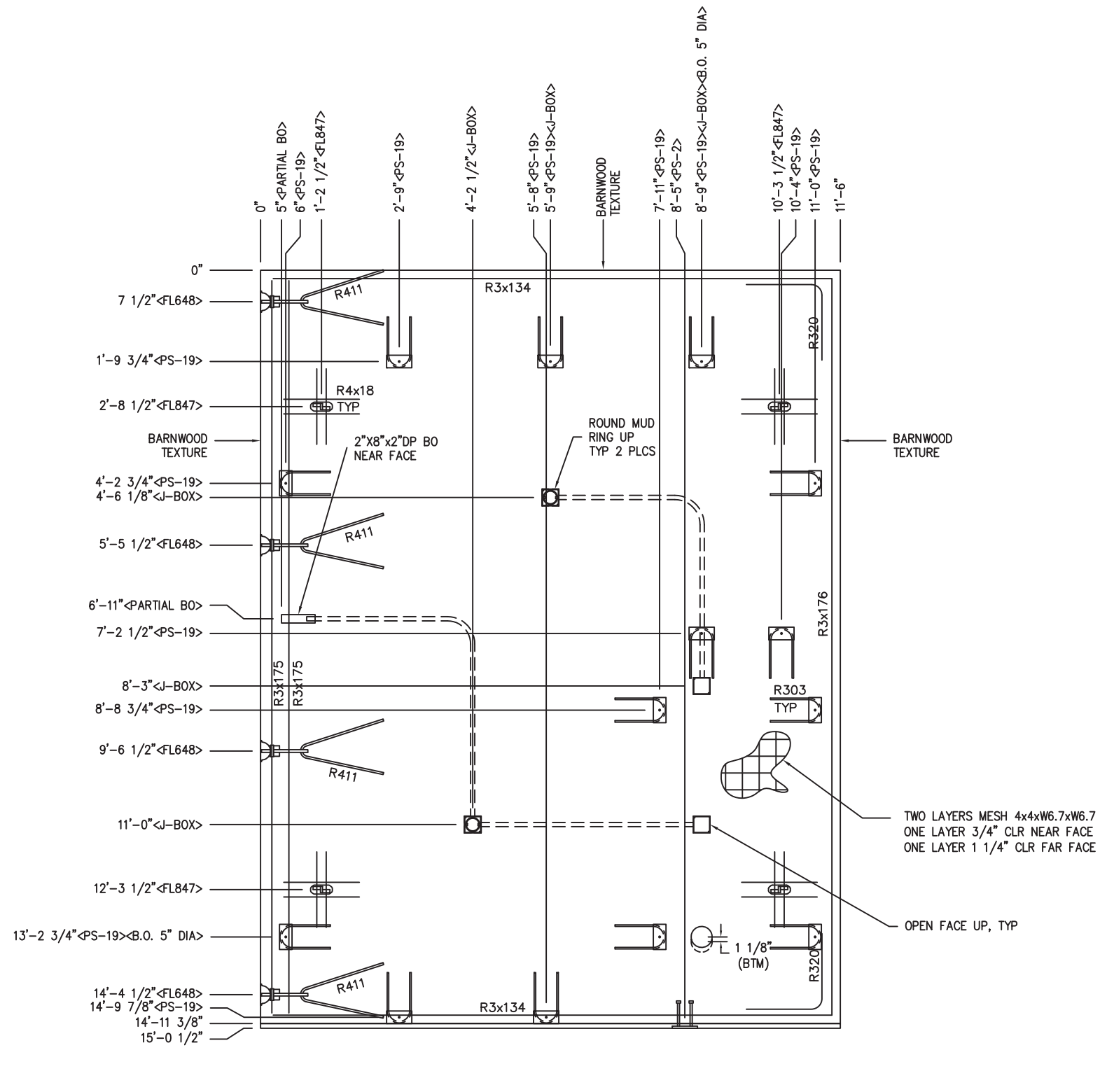
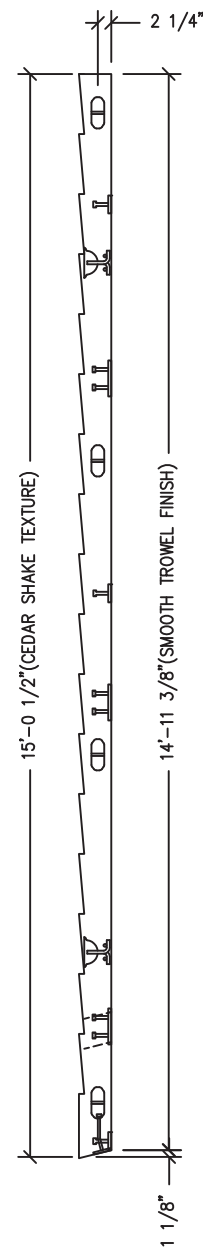
PROJECT TITLE
DAKOTA
 BUILDING NUMBER DK-089

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REV.	DESCRIPTION	DATE	APPROVAL	DATE
1	CHASE DOOR SHEET 1 AND 24	MCT		2/26/21
	SCALE 3/8"=1'-0"	DATE		2/24/21
	DRAWN R9	FILE NO.		DK-089
	CHECKED SKR	PLOT		32

FLOOR SLAB
MARK F1

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



- NOTES:**
1. ROOF THICKNESS = 4 1/2" MIN
 2. EXCEPT R303, R411, R3x175 & R4x18 BARS TO BE PLACED IN PAIRS, ONE EACH FACE OF PANEL W/ 1 1/4" MIN. COVER.
 3. PLACE R4x18 REBAR WITH 1" COVER NEAR FACE.
 4. ALL OTHER BARS TO BE CENTERED IN PANEL.
 5. AFTER BUILDING ASSEMBLY, GROUT LIFTING INSERT VOIDS & FINISH TO MATCH

www.p-e-i.com
PROGRESSIVE ENGINEERING, INC.
 58640 STATE ROAD 15
 GOSHEN, INDIANA 46528
 (574) 533-0337 - Phone
 (574) 533-9736 - Fax

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PLAN APPROVAL NO.: PEI 21-4104
 APPROVED BY: EFJ
 DATE APPROVED: 03/29/2021
 DATE OF EXPIRATION: 06/29/2022

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EMBEDDED MATERIALS	
ITEM	QTY
PS-19	14
FL-847	4
FL-648	4
R411	4
R303	14
R3x134	4
R3x175	2
R3x176	2
R320	4
PS-2	1
R4x18	16
PARTIAL B.O. 2"x8"x2" DP	1
BLOCKOUT 5" DIA	1
4x4 J-BOX	4
ROUND MUD RING	2

CU. FT. CONC.	SQ. FT. W.W.F.
72.8 (2.70)	345
APPROXIMATE WEIGHT	
10,920	



March 26, 2021

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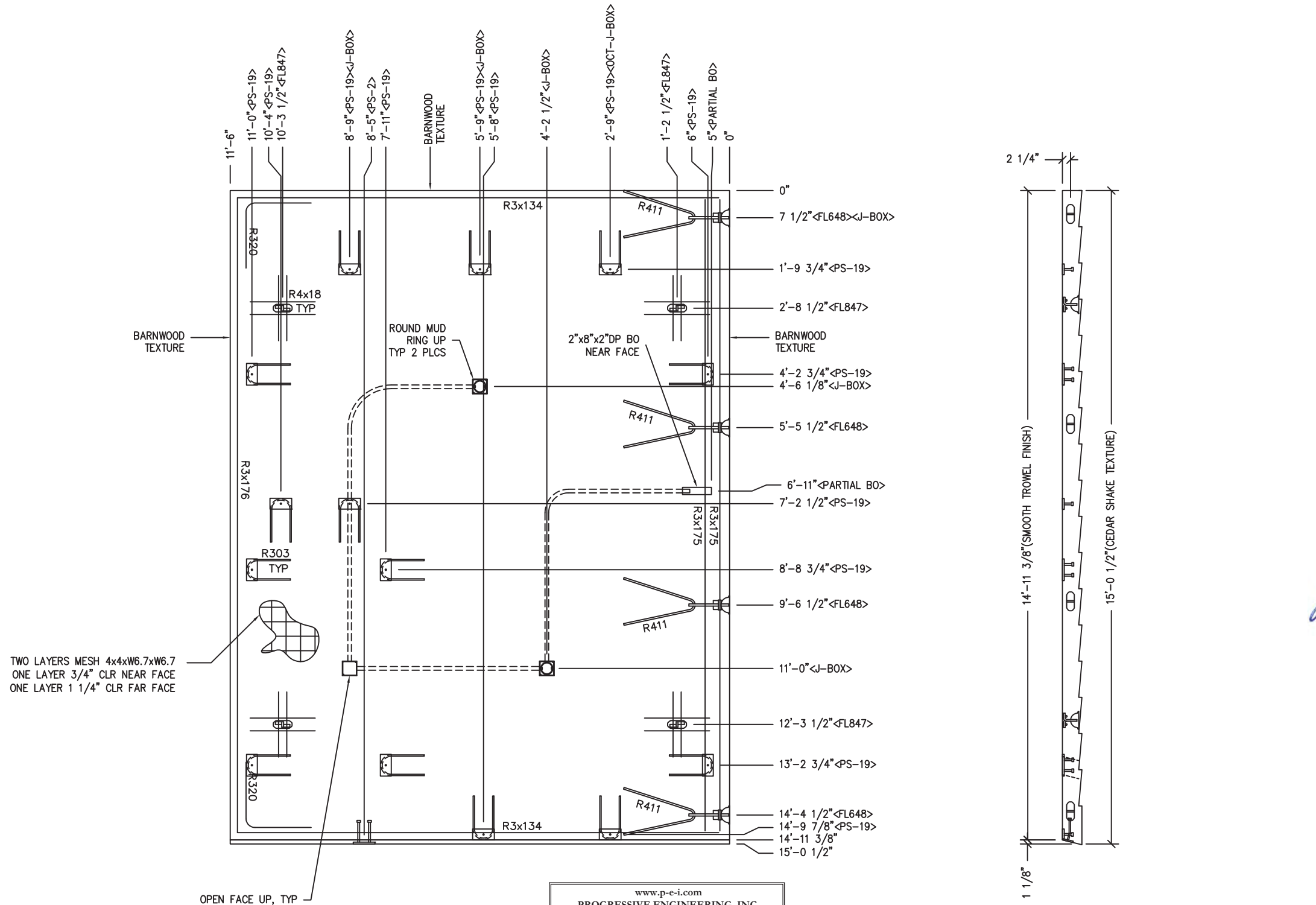
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REV.	DESCRIPTION	APPROVAL	DATE
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CHECKED	SKR	PLOT	32

ROOF SLAB		
MARK R1R		
DWG NO.	SHEET	REV.
DK-17	17/25	1



TWO LAYERS MESH 4x4xW6.7xW6.7
 ONE LAYER 3/4" CLR NEAR FACE
 ONE LAYER 1 1/4" CLR FAR FACE

OPEN FACE UP, TYP

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 3. PLACE R4x18 REBAR WITH 1" COVER NEAR FACE.
 4. ALL OTHER BARS TO BE CENTERED IN PANEL.
 5. AFTER BUILDING ASSEMBLY, GROUT LIFTING INSERT VOIDS & FINISH TO MATCH

EMBEDDED MATERIALS	
ITEM	QTY
PS-19	14
FL-847	4
FL-648	4
R411	4
R303	14
R3x134	4
R3x175	2
R3x176	2
R320	4
PS-2	1
R4x18	16
PARTIAL B.O. 2"x8"x2"DP	1
ROUND MUD RING	2
4x4 J-BOX	3

CU. FT. CONC. 72.8 (2.70)	SQ. FT. W.W.F. 345
APPROXIMATE WEIGHT 10,920	



March 26, 2021

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Precast Products
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CHECKED	SKR	PLOT		32

ROOF SLAB MARK R1L		
DWG NO. DK-18	SHEET 18	REV. 1
	25	

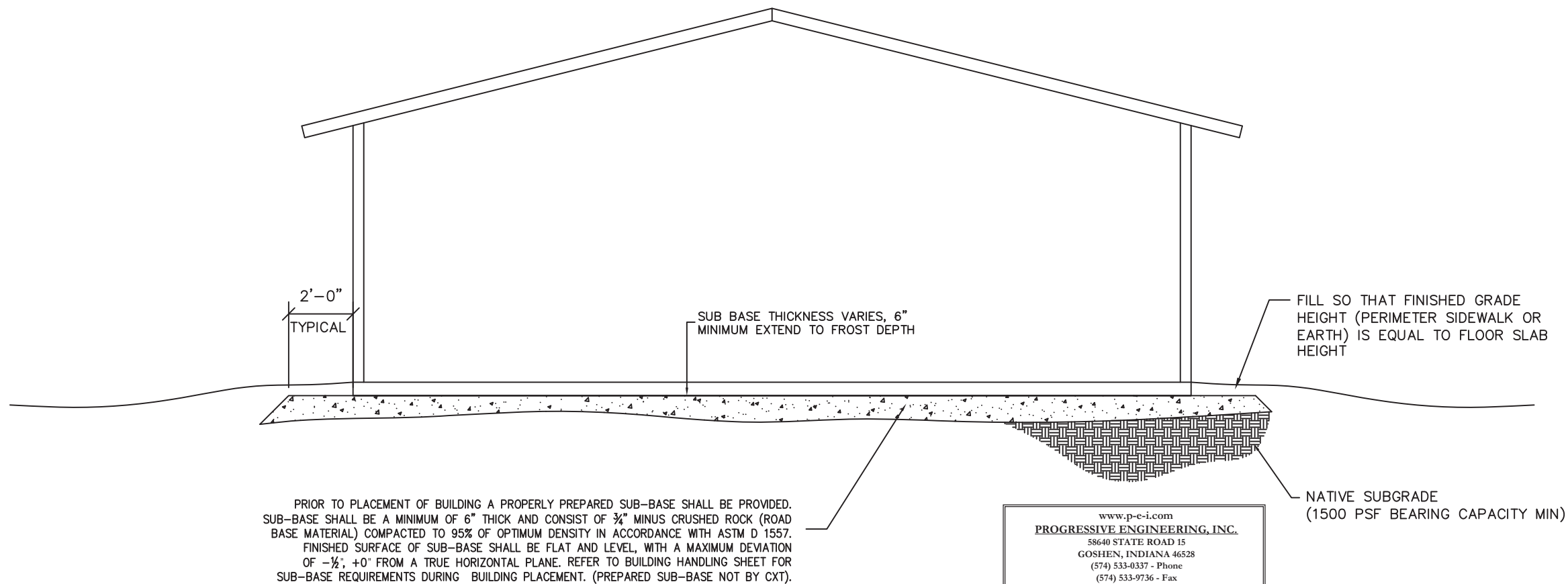
NOTE:

THIS FACTORY ASSEMBLED BUILDING, AS CONSTRUCTED, PROVIDES A RIGID BOX TYPE STRUCTURAL SYSTEM. VERTICAL LOADS ARE TRANSFERRED PRIMARILY THROUGH BEARING WALLS TO THE STRUCTURAL SLAB FLOOR OF THE BUILDING. THE VERTICAL LOADS ARE THEN DISTRIBUTED THROUGH THE REINFORCED CONCRETE FLOOR TO THE PREPARED GRANULAR, NON-FROST SUSCEPTIBLE (NFS) SUB-BASE WHICH DISTRIBUTES THE VERTICAL LOADS IN RELATIVELY UNIFORM FASHION TO THE NATIVE SUB-GRADE. AS WITH MOST CONSTRUCTION, THIS DOES REQUIRE THE NATIVE SUB-GRADE TO BE STRIPPED OF VEGETATION AND TOP SOIL PRIOR TO PLACEMENT OF THE PREPARED GRANULAR SUB-BASE. DUE TO THE INHERENT STIFFNESS OF THE BUILDING, IT WILL REMAIN SAFE AND STRUCTURALLY SOUND IN THE UNLIKELY EVENT OF FREEZING ACTION BELOW THE BUILDING REGARDLESS OF NATURAL FREEZE/ THAW CYCLES ANTICIPATED TO BE ENCOUNTERED IN THE STATE OF CALIFORNIA.

LATERAL LOADS ARE TRANSFERRED TO THE GROUND THROUGH FRICTIONAL RESISTANCE WITHOUT SLIDING OR SHIFTING BETWEEN THE BUILDING FLOOR SLAB AND THE PREPARED SOIL AND GRAVEL SUB-BASE ON WHICH THE BUILDING RESTS. SEISMIC ANALYSES ARE BASED ON LOADS DETERMINED IN ACCORDANCE WITH THE CALIFORNIA BUILDING STANDARDS CODE USING PARAMETERS, WHICH MEET OR EXCEED THE CODE PRESCRIBED REQUIREMENTS FOR THIS INSTALLATION.

THIS BUILDING AS DESIGNED, RESTING ON A PROPERLY PREPARED GRANULAR SUB-BASE WILL BE SAFE AND STRUCTURALLY SOUND FOR VERTICAL AND LATERAL LOADS AS DISCUSSED ABOVE. A FULL DEPTH FOUNDATION WALL AT THE BUILDING PERIMETER AND AN ANCHORAGE SYSTEM, TYPICAL FOR OTHER TYPES OF BUILDING CONSTRUCTION, ARE NOT REQUIRED FOR THIS BUILDING.

THE "FOUNDATION" FOR THIS STRUCTURE IS ESSENTIALLY THE COMBINATION OF THE COMPACTED SUB-BASE MATERIAL AND THE BUILDING'S REINFORCED SLAB. THE COMBINATION OF THE COMPACTED SUB-BASE MATERIAL AND THE BUILDING'S REINFORCED SLAB NEED TO BE AT LEAST 12" THICK AND THE COMPACTED SUB-BASE MATERIAL SHALL EXTEND BELOW THE LOCAL FROST DEPTH



PRIOR TO PLACEMENT OF BUILDING A PROPERLY PREPARED SUB-BASE SHALL BE PROVIDED. SUB-BASE SHALL BE A MINIMUM OF 6" THICK AND CONSIST OF ¾" MINUS CRUSHED ROCK (ROAD BASE MATERIAL) COMPACTED TO 95% OF OPTIMUM DENSITY IN ACCORDANCE WITH ASTM D 1557. FINISHED SURFACE OF SUB-BASE SHALL BE FLAT AND LEVEL, WITH A MAXIMUM DEVIATION OF -½"; +0" FROM A TRUE HORIZONTAL PLANE. REFER TO BUILDING HANDLING SHEET FOR SUB-BASE REQUIREMENTS DURING BUILDING PLACEMENT. (PREPARED SUB-BASE NOT BY CXT).

www.p-c-i.com
PROGRESSIVE ENGINEERING, INC.
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March 26, 2021



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 901 N. Highway 77 Hillsboro, TX 76645
 362 Waverly Road Williamstown, WV 26187

PROJECT TITLE
DAKOTA
 BUILDING NUMBER DK-089

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REV.	DESCRIPTION	DATE	APPROVAL	DATE
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	SCALE	1/4"=1'-0"		2/24/21
	DRAWN	R9	FILE NO.	DK-089
	CHECKED	SKR	PLOT	48

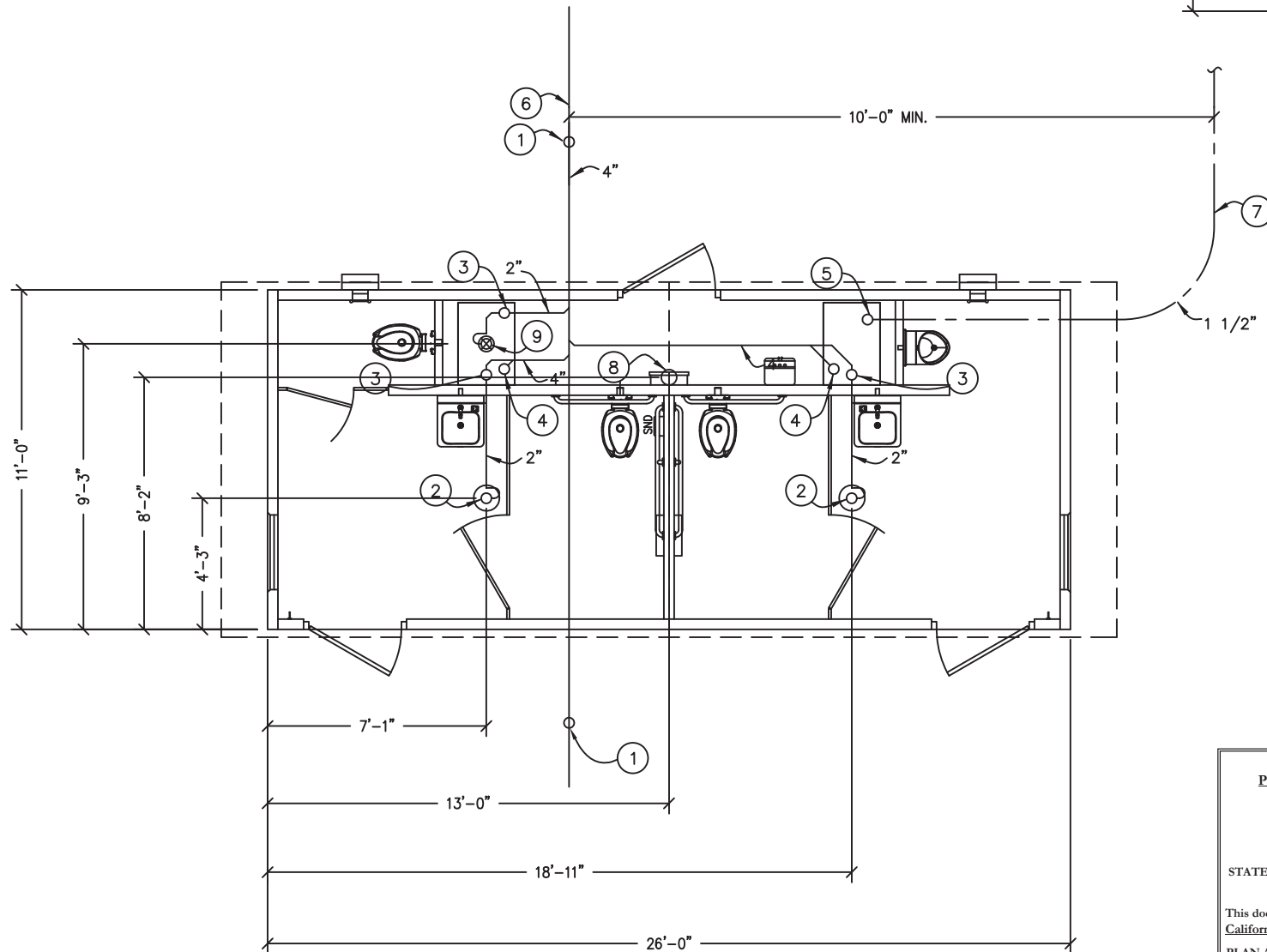
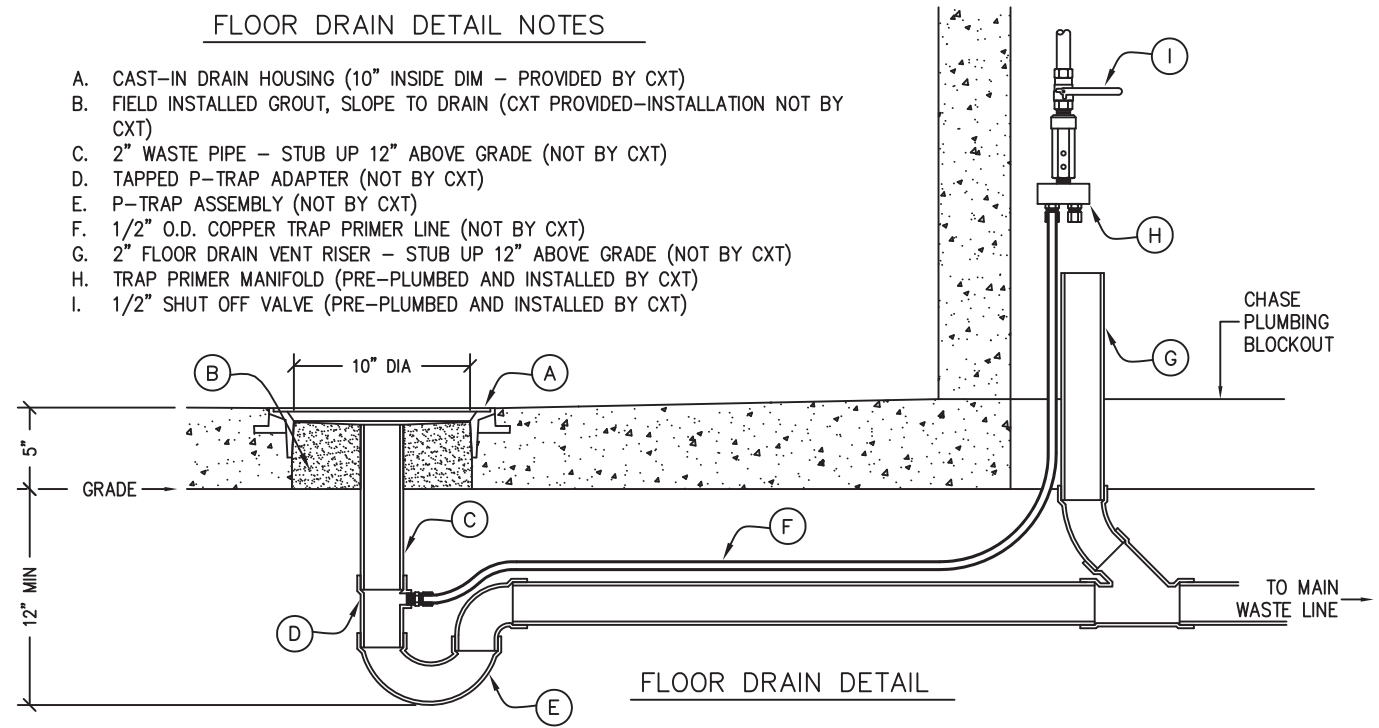
GRAVEL PAD DETAIL

DWG NO. DK-19	SHEET 19 25	REV. 1
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ALL PIPING INDICATED ON THIS SHEET IS NOT BY CXT

FLOOR DRAIN DETAIL NOTES

- 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. TAPPED P-TRAP ADAPTER (NOT BY CXT)
- E. P-TRAP ASSEMBLY (NOT BY CXT)
- F. 1/2" O.D. COPPER TRAP PRIMER LINE (NOT BY CXT)
- G. 2" FLOOR DRAIN VENT RISER - STUB UP 12" ABOVE GRADE (NOT BY CXT)
- H. TRAP PRIMER MANIFOLD (PRE-PLUMBED AND INSTALLED BY CXT)
- I. 1/2" SHUT OFF VALVE (PRE-PLUMBED AND INSTALLED BY CXT)



FLOOR DRAIN BLOCKOUTS & BELOW FLOOR PIPING
1/4"=1'-0"

BELOW FLOOR PIPING - KEY NOTES

- 1. 4" CLEAN OUT TO GRADE.
- 2. 2" FLOOR DRAIN. FIELD INSTALLED TRAP PRIMER SYSTEM IF REQUIRED BY AUTHORITY HAVING JURISDICTION. (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 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 PRIMER SYSTEM IF REQUIRED BY AUTHORITY HAVING JURISDICTION. (1'-10"x2'-8" BLOCKOUT)

PIPING LEGEND

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

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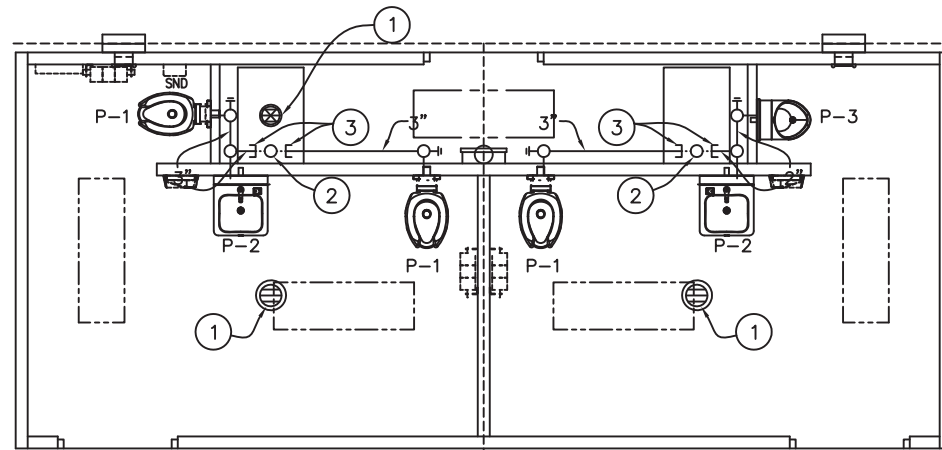
PROJECT TITLE
DAKOTA
 BUILDING NUMBER DK-089

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SCALE	3/16"=1'-0"	DATE		2/24/21
DRAWN	R9	FILE NO.	DK-089	
CHECKED	SKR	PLOT	64	

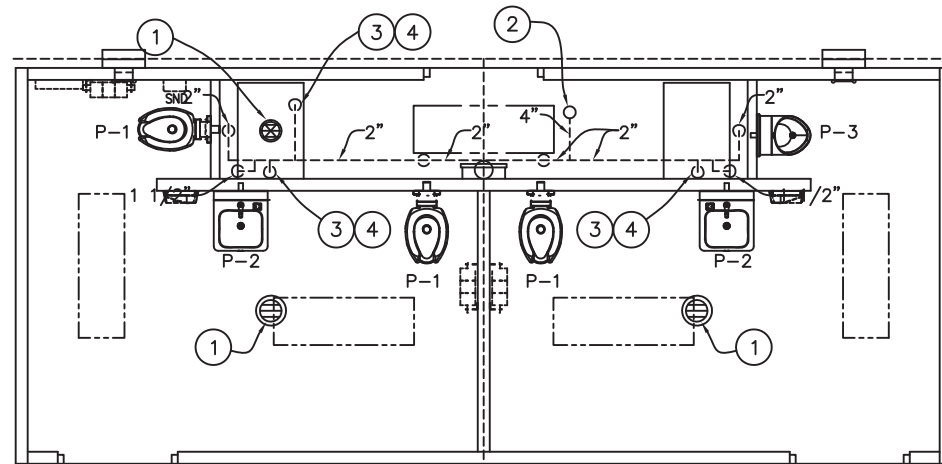
FLOOR DRAIN LOCATIONS & BELOW FLOOR PIPING

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



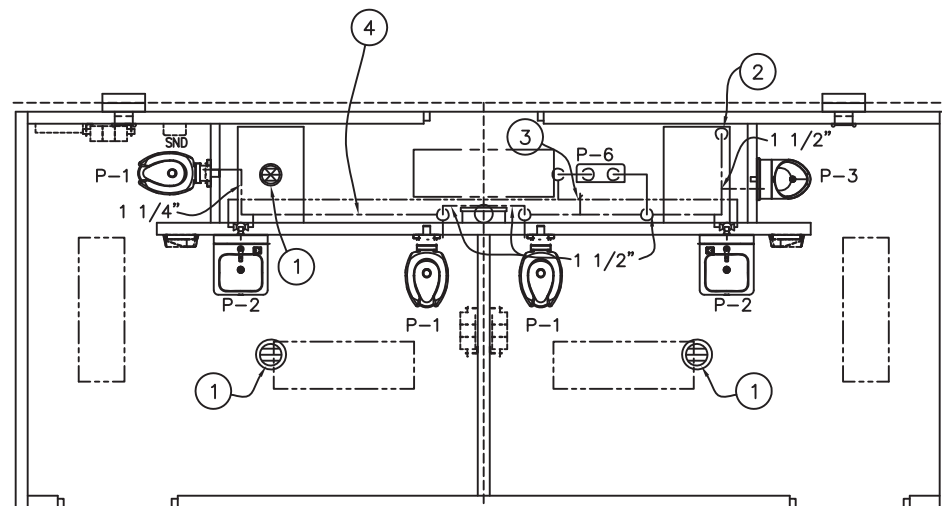
WASTE PIPE PLAN

1/4"=1'-0"



VENT PIPE PLAN

1/4"=1'-0"



WATER PIPE PLAN

1/4"=1'-0"

WASTE PIPING – KEY NOTES

1. 2" FLOOR DRAIN, FIELD INSTALLED (NOT BY CXT)
2. 4" WASTE THROUGH FLOOR, FIELD INSTALLED (NOT BY CXT)
3. PROVIDE TEST PLUG IN END OF WASTE PIPE. CONTINUATION OF PIPING IS FIELD INSTALLED & NOT BY CXT.

VENT PIPING – KEY NOTES

1. 2" FLOOR DRAIN, FIELD INSTALLED (NOT BY CXT)
2. 4" VENT THROUGH ROOF.
3. 2" VENT WITH TEST PLUG.
4. FIELD INSTALLED 2" VENT PIPING FROM FLOOR DRAINS. (NOT BY CXT)

WATER PIPING – KEY NOTES

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

PIPING LEGEND

- COLD WATER
- HOT WATER
- VENT PIPING SCH 40 PVC TYPE DWV
- WASTE PIPE: PVC, ASTM D2665, SCHED. 40
- FIELD PIPING (NOT BY CXT)

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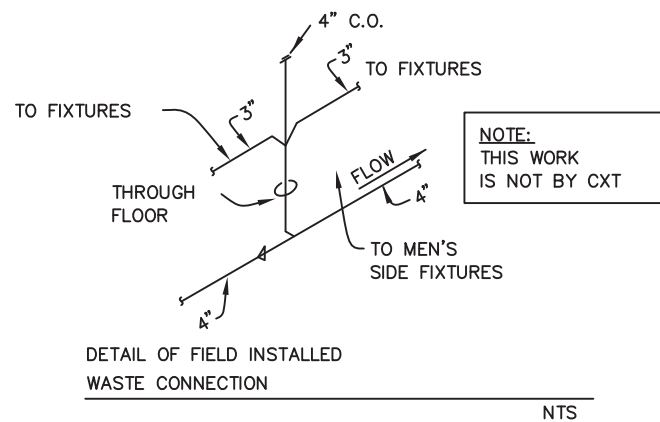
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PARTIAL PLUMBING PLANS

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



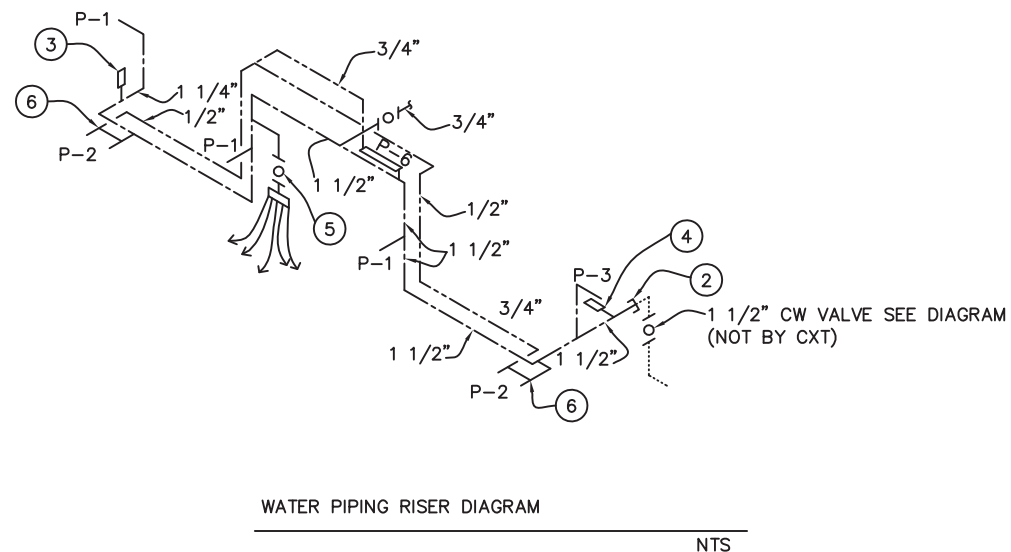
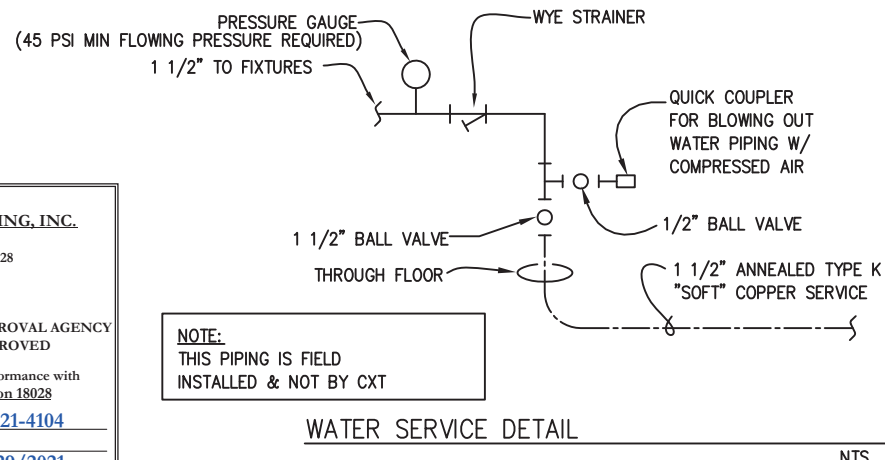
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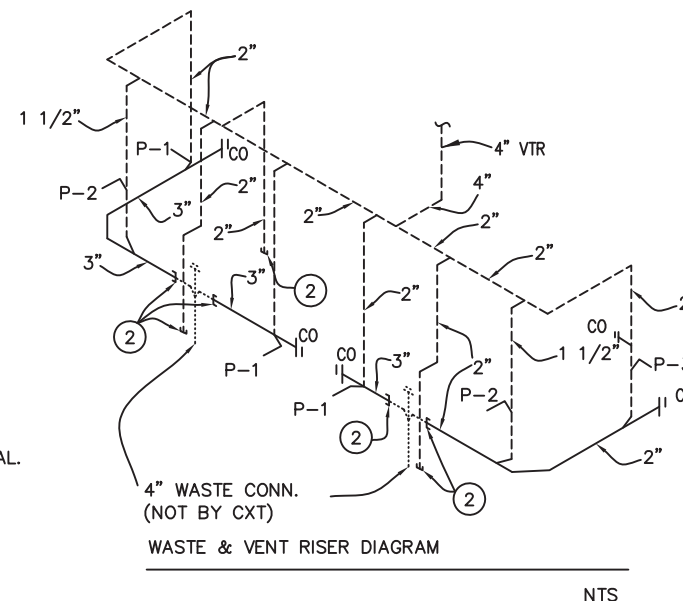
PIPING LEGEND

----- COLD WATER
 ----- HOT WATER
 ----- VENT PIPING
 PVC, ASTM D2665, (TYPE DWV)

----- WASTE PIPE:
 PVC, ASTM D2665, SCHED. 40

----- FIELD PIPING (NOT BY CXT)

- KEY NOTES**
- 3/4" HOSE BIBB WITH VACUUM BREAKER & WHEEL HANDEL.
 - TO THIS POINT BY CXT.
 - ASSE 1010 WATER HAMMER ARRESTOR SIOUX CHIEF HYDRA-RESTOR #654-C OR EQUAL.
 - 1/2" AIR QUICK CONNECTION W/ BALL VALVE FOR BLOWING OUT WATER PIPING.
 - 1/2" BALL VALVE & CAPPED CW LINE FOR FIELD INSTALLED TRAP PRIMER VALVE IF REQUIRED BY JURISDICTION HAVING AUTHORITY.
 - ASSE 1070 WATER TEMPERATURE LIMITING DEVICE.



March 26, 2021

SYM	DESCRIPTION	MANUFACTURER	CXT PART NUMBER	FLUSH VL/FAUCET	SUPPLIES	QTY	HW	CW	WASTE	VENT	SUPPLIES / NOTES
P-1	WATER CLOSET (SENSOR)	ACORN	PENAL-WARE 1680 SERIES 1680-W-1	SLOAN "OPTIMA" #152-1.28 ES-S	SLOAN EL-154			1-1/4"	3"	2"	1. SENSOR ACTIVATED FLUSH VALVES. 2. MOUNT RIM AT 17" ABOVE FLOOR. 3. USE CLOSET GASKET JG13534 AND Z1203 FINISH KIT
P-2	LAVATORY (SENSOR)	ACORN	PENAL-WARE 1652 SERIES 2652-1-BP-04-M	SLOAN "ETF-610"	SLOAN EL-154		1/2"	1/2"	1-1/2"	1-1/2"	1. HAMMER ARRESTOR JRS520-T-C, FLOOR DRAIN S2005A025NBLP, TRAP PRIMER- MIFAB MM500, DISTR UNIT- MIFAB 2. 1/2X15 COMP ANG LAV BSCR1915AC 3. 3 PC COVER SET PF202WH.
P-3	URINAL	ACORN	PENAL-WARE 1709HEU SERIES 1709HEU-W-1	SLOAN "OPTIMA" #195-0.125 ES-S	SLOAN EL-154		-	3/4"	2"	2"	1. SENSOR ACTIVATED FLUSH VALVES. 2. MOUNT RIM AT 17" ABOVE FLOOR.
P-4											
P-5											
P-6	WATER HEATER	EEMAX	EMT-4				1/2"	1/2"	-	-	1. 4 GALLON 120V WALL MOUNTED WATER HEATER. PROVIDE GFCI OUTLET IN CHASE PER MFR RECOMMENDATIONS.
P-7	FLOOR DRAIN	TRAVIS	54960-CXT (QTY 2)				-	-	2"	2"	1. TRAP PRIMER- MIFAB MM500, DISTR UNIT- MIFAB ASSE 1018 OR ASSE 1044
		SIOUX CHIEF (CHASE)	840-2A (QTY 1)								



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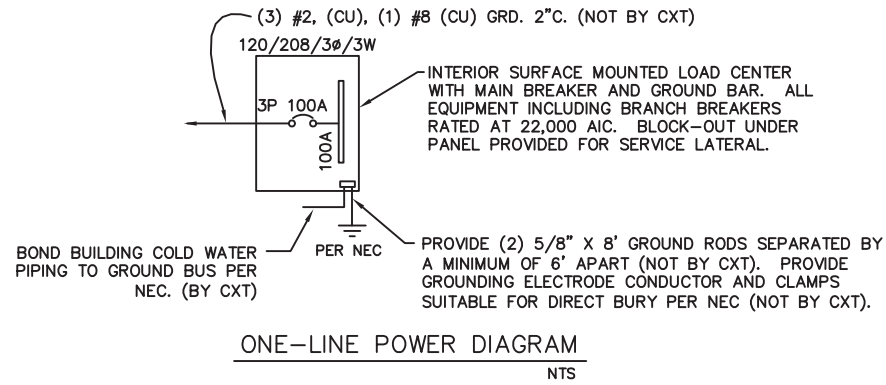
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DRAWN	R9	FILE NO.	DK-089
CHECKED	SKR	PLOT	64

PLUMBING DETAILS, DIAGRAMS & SCHEDULE

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



PANEL SCHEDULE																											
AMP <u>100</u> NEMA RATED 3 PHASE PANEL				PANEL				TOTAL CONNECTED VA LOAD				4,174															
SURFACE MOUNT				120/208V, 3P, 3W				TOTAL CALCULATED VA LOAD				4,466															
CIRCUIT							LOAD							CIRCUIT							LOAD						
NO.	DESCRIPTION	OCP	TYPE	LOAD (VA)			(A)	PH.	NO.	DESCRIPTION	OCP	TYPE	LOAD (VA)			(A)											
				L1	L2	L3							L1	L2	L3												
1	PHOTO CONTROLLED EXTERIOR LIGHTS	1P/20A	C	28			0.3	A	2	CHASE RECEPTACLE	1P/20A	R	180			1.5											
3	CHASE LIGHT	1P/20A	N		28		0.3	B	4	RESTROOM #2 LIGHT & FAN	1P/20A	N		129		1.1											
5	RESTROOM #1 LIGHT & FAN	1P/20A	N			129	1.1	C	6	RESTROOM #2 HAND DRYER	1P/20A	N			1,140	9.5											
7	RESTROOM #1 HAND DRYER	1P/20A	L	1,140			9.5	A	8	EEMAX WATER HEATER GFCI OUTLET	1P/20A	R	1,400			11.7											
9								B	10																		
11								C	12																		
13								A	14																		
15								B	16																		
17								C	18																		
19								A	20																		
LOAD											CONNECTED			CALCULATED													
(C)ONTINUOUS											28	x1.25	35	VA													
(R)EC (1ST 10KVA)											1,580	x1.00	1,580	VA													
(N)ON-CONTINUOUS											1,426	x1.00	1,426	VA													
(L)ARGEST MOTOR											1,140	x1.25	1,425	VA													
TOTAL LOAD											L1	2,748	VA	3,040	VA												
											L2	157	VA	157	VA												
											L3	1,269	VA	1,269	VA												
												4,174	VA	4,466	VA												
																37.2 AMPS											

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

GENERAL 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 2019 CALIFORNIA ELECTRICAL CODE
- 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.
- PROVIDE 2 POLE 30A DISCONNECT FOR WATER HEATER. WATER HEATER CIRCUIT TO BE #10 AWG.

LIGHTING FIXTURE SCHEDULE				
FIXTURE NUMBER	VOLTAGE	WATTS	DESCRIPTION	
A	120	28	LUMINAIRE VPF84 INTERIOR LIGHT FIXTURE, VPF8-4-28W HP-4000K-120-CP-WHT-WET-OCC-TX/SD SURFACE MOUNTED, LED LAMP 4' FT, WRAP AROUND LENS, LOW TEMPERATURE DRIVER, BUILT IN OCCUPANCY SENSOR ACTIVATED	
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	28	LUMINAIRE VPF84 INTERIOR LIGHT FIXTURE, VPF8-4-28W HP-4000K-120-CP-WHT-WET-TX/SD SURFACE MOUNTED, LED LAMP 4' FT, WRAP AROUND LENS, LOW TEMPERATURE DRIVER, SWITCH 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	NTS.
EF-1	FANTECH	RVF-6XL	381	6.0	120	1.46	1

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

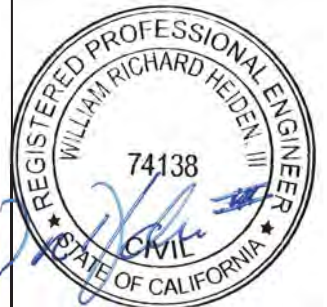
www.p-e-i.com
PROGRESSIVE ENGINEERING, INC.
 58640 STATE ROAD 15
 GOSHEN, INDIANA 46528
 (574) 533-0337 - Phone
 (574) 533-9736 - Fax

STATE OF CALIFORNIA DESIGN APPROVAL AGENCY
 STATE OF CALIFORNIA APPROVED

This document is certified as being in conformance with
 California Health & Safety - Code Section 18028

PLAN APPROVAL NO.: PEI 21-4104
 APPROVED BY: EFJ
 DATE APPROVED: 03/29/2021
 DATE OF EXPIRATION: 06/29/2022

Approval of this document does not authorize or approve any omission or deviation from the requirement of the applicable State codes.



March 26, 2021

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

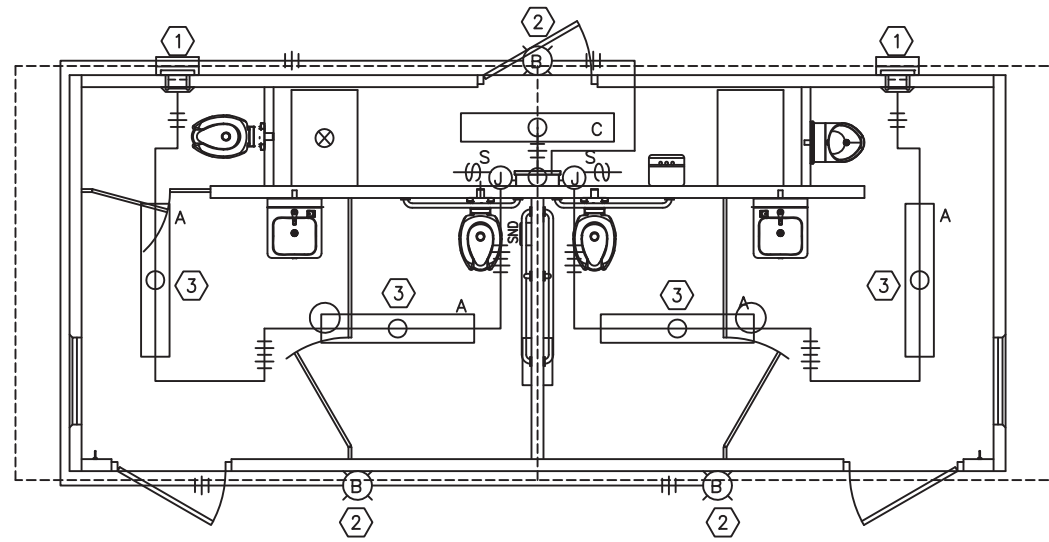
PROJECT TITLE
DAKOTA
 BUILDING NUMBER DK-089

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 CXT Incorporated

REV.	DESCRIPTION	DATE	APPROVAL	DATE
1	CHASE DOOR SHEET 1 AND 24	MCT		2/26/21
SCALE	3/16"=1'-0"	DATE		2/24/21
DRAWN	R9	FILE NO.	DK-089	
CHECKED	SKR	PLOT	64	

ELECTRICAL NOTES, DIAGRAMS & SCHEDULES

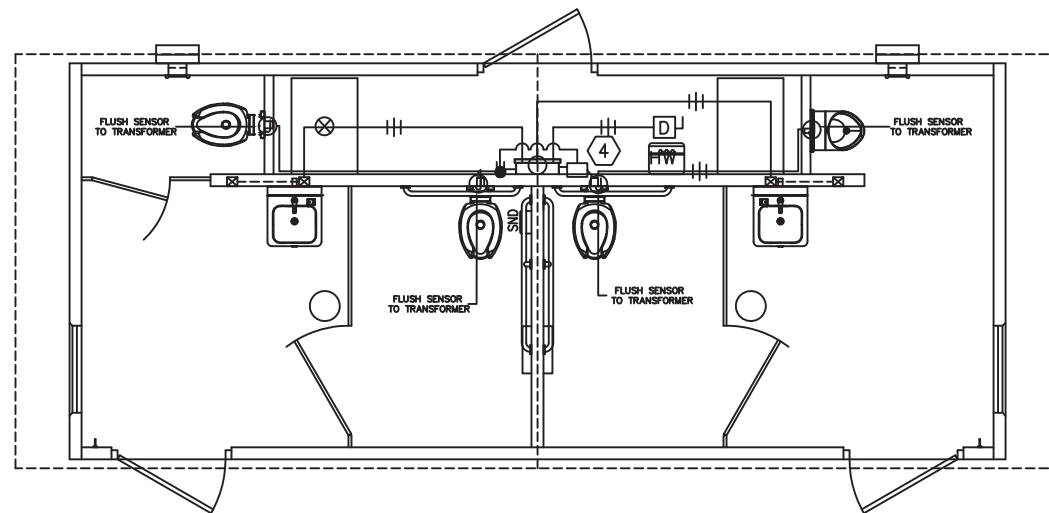
DWG NO.	SHEET	REV.
DK-23	23	1
	25	



LIGHTING / EXHAUST FAN PLAN

ELECTRICAL - KEY NOTES

- ① CIRCUITS FOR EXHAUST FANS TO BE WIRED THROUGH SPEED SWITCHES IN CHASE
- ② LIGHT FIXTURE TO BE CONTROLLED BY PHOTOCELL. ROUTE WIRING IN CONCEALED CONDUIT.
- ③ MOTION CONTROLLED INTERIOR LIGHTS.
- ④ TRANSFORMER FOR PLUMBING SENSORS



HAND DRYER, PLUMBING SENSORS & WATER HEATER PLAN

SYMBOLS LEGEND

- ① NOTE REFERENCE
- LED INTERIOR FIXTURE
- ⊖ LED EXTERIOR FIXTURE
- ⊖ GCFI RECEPTACLE
- ⊖ SPEED SWITCH
- ⊖ LOAD CENTER/PANEL
- J JUNCTION BOX
- ⊖ OS OCCUPANCY SENSOR
- SURFACE MOUNTED CONDUIT, CROSSHATCH DENOTES WIRES, (ALL #12AWG UNO) ALWAYS ONE WIRE TO BE GROUND WIRE
- SURFACE MOUNTED CONDUIT
- CONCEALED CONDUIT
- ⊖ D HW SAFETY DISCONNECT
- ⊖ HW HOT WATER TANK

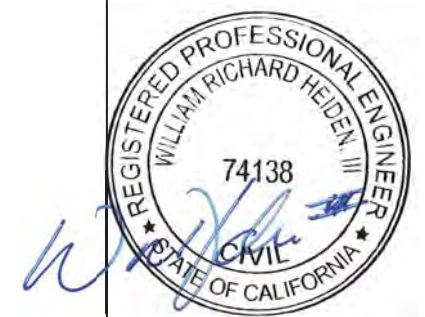
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 6707 E. Flamingo Ave. Bldg 300, Nampa, ID 83687
 901 N. Highway 77 Hillsboro, TX 76645
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ELECTRICAL PLANS

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

RESOLUTION 14-19

**A RESOLUTION OF THE BOARD OF DIRECTORS OF THE GROVELAND
COMMUNITY SERVICES DISTRICT APPROVING APPLICATION(S) FOR PER
CAPITA GRANT FUNDS THROUGH THE STATE DEPARTMENT OF PARKS
AND RECREATION**

WHEREAS, the State Department of Parks and Recreation has been delegated the responsibility by the Legislature of the State of California for the administration of the Per Capita Grant Program, setting up necessary procedures governing application(s); and

WHEREAS, said procedures established by the State Department of Parks and Recreation require the grantee's Governing Body to certify by resolution the approval of project application(s) before submission of said applications to the State; and

WHEREAS, the grantee will enter into a contract with the State of California to complete project(s);

**NOW THEREFORE BE IT RESOLVED THAT THE BOARD OF DIRECTORS OF THE
GROVELAND COMMUNITY SERVICES DISTRICT DOES HEREBY:**

1. Approves the filing of project application(s) for Per Capita program grant project(s); and
2. Certifies that said grantee has or will have available, prior to commencement of project work utilizing Per Capita funding, sufficient funds to complete the project(s); and
3. Certifies that the grantee has or will have sufficient funds to operate and maintain the project(s), and
4. Certifies that all projects proposed will be consistent with the park and recreation element of the District's general or recreation plan (PRC §80063(a)), and
5. Certifies that these funds will be used to supplement, not supplant, local revenues in existence as of June 5, 2018 (PRC §80062(d)), and
6. Certifies that it will comply with the provisions of §1771.5 of the State Labor Code, and
7. (PRC §80001(b)(8)(A-G)) To the extent practicable, as identified in the "Presidential Memorandum--Promoting Diversity and Inclusion in Our National Parks, National Forests, and Other Public Lands and Waters," dated January 12, 2017, the District will consider a range of actions that include, but are not limited to, the following:
 - (A) Conducting active outreach to diverse populations, particularly minority, low-income, and disabled populations and tribal communities, to increase awareness within those communities and the public generally about specific programs and opportunities.
 - (B) Mentoring new environmental, outdoor recreation, and conservation leaders to increase diverse representation across these areas.

(C) Creating new partnerships with state, local, tribal, private, and nonprofit organizations to expand access for diverse populations.

(D) Identifying and implementing improvements to existing programs to increase visitation and access by diverse populations, particularly minority, low-income, and disabled populations and tribal communities.

(E) Expanding the use of multilingual and culturally appropriate materials in public communications and educational strategies, including through social media strategies, as appropriate, that target diverse populations.

(F) Developing or expanding coordinated efforts to promote youth engagement and empowerment, including fostering new partnerships with diversity-serving and youth-serving organizations, urban areas, and programs.

(G) Identifying possible staff liaisons to diverse populations.

8. Agrees that to the extent practicable, the project(s) will provide workforce education and training, contractor and job opportunities for disadvantaged communities (PRC §80001(b)(5)).

9. Certifies that the grantee shall not reduce the amount of funding otherwise available to be spent on parks or other projects eligible for funds under this division in its jurisdiction. A one-time allocation of other funding that has been expended for parks or other projects, but which is not available on an ongoing basis, shall not be considered when calculating a recipient's annual expenditures. (PRC §80062(d)).

10. Certifies that the grantee has reviewed, understands, and agrees to the General Provisions contained in the contract shown in the Procedural Guide; and

11. Delegates the authority to the General Manager or designee to conduct all negotiations, sign and submit all documents, including, but not limited to applications, agreements, amendments, and payment requests, which may be necessary for the completion of the grant scope(s); and

12. Agrees to comply with all applicable federal, state and local laws, ordinances, rules, regulations and guidelines.

WHEREFORE, this Resolution is passed and adopted by the Board of Directors of the Groveland Community Services District on April 12, 2019, by the following vote:

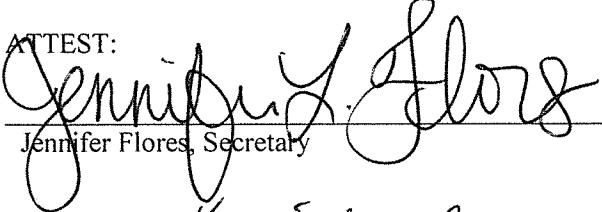
AYES: Directors Armstrong, Edwards, Kwiatkowski, Mora, and Swan

NOES:

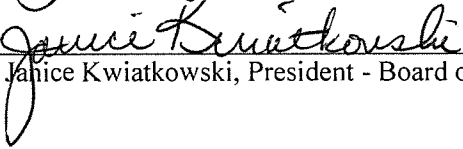
ABSTAIN:

ABSENT:

ATTEST:



Jennifer Flores, Secretary



Janice Kwiatkowski, President - Board of Directors

CERTIFICATE OF SECRETARY

I, Jennifer Flores, the duly appointed and acting Secretary of the Board of Directors of the Groveland Community Services District, do hereby declare that the foregoing Resolution was duly passed and adopted at a Special Meeting of the Board of Directors of the Groveland Community Services District, duly called and held on April 12, 2019.

DATED: April 12, 2019.