

MODEL: DS81760B-RR-BR3
DELUXE GUARD BOOTH STYLE

MANUFACTURED FOR :
TAYLOR FENCE COMPANY
QTS AURORA COLORADO

BY: B.I.G. ENTERPRISES
9702 E. RUSH ST
SOUTH EL MONTE CA 91733

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FIELD INSTALLED EQUIPMENT

THE FOLLOWING ITEMS WERE NOT INSTALLED AT THE FACTORY BY B.I.G. ENTERPRISES. THESE ITEMS ARE TO BE DESIGNED AND INSTALLED ON SITE BY OTHERS SUBJECT TO REVIEW AND APPROVAL BY THE LOCAL BUILDING DEPARTMENT:

- 1) FOUNDATION AND ANCHORAGE SYSTEM
- 2) UTILITY CONNECTIONS
- 3) CONNECTION OF EXTERIOR HVAC UNIT
- 4) PLUMBING FIXTURES
- 5) RESTROOM EQUIPMENT

MATERIAL SPECIFICATIONS

STEEL: HSS PER ASTM A500 GRADE B
CONCRETE: $f_c = 2500$ PSI
EXP. ANCHORS: HILTI KB-TZ PER ESR-1917

GENERAL INFO

8'-0" x 17'-6" x 13'-0" TALL
SINGLE STORY
140.0 SQ. FT.
ONE (1) UNIT

BASIC DESIGN CRITERIA

OCCUPANCY GROUP: B
CONSTRUCTION CLASSIFICATION: V-B
RISK CATEGORY: II
WIND LOAD: $V_{ult} = 115$ MPH
 $V_{asd} = 90$ MPH
Exposure C
FLOOR LOAD: 60 PSF
ROOF LIVE LOAD: 40 PSF
ROOF DEAD LOAD: 5 PSF
GROUND SNOW LOAD: 40 PSF

FOUNDATION

THE FOUNDATION WORK IS TO BE DESIGNED AND INSTALLED BY OTHERS IN ACCORDANCE WITH LOCAL CODES AND SOIL CONDITIONS.

SEISMIC DESIGN DATA

MAPPED SPECTRAL RESPONSE: $S_5=0.19$ $S_1=0.05$
SPECTRAL RESPONSE COEFFICIENTS: $S_{D5}=0.20$, $S_{D1}=0.09$
RISK CATEGORY: II
SEISMIC DESIGN CATEGORY: B
BASIC SEISMIC FORCE RESISTING SYSTEM: C.4
DESIGN BASE SHEAR 0.06 X SEISMIC WEIGHT OF STRUCTURE
RESPONSE MODIFICATION FACTOR $R=3.5$
ANALYSIS PROCEDURE USED: ALLOWABLE STRESS DESIGN

APPLICABLE CODES

2018 INTERNATIONAL BUILDING CODE
2018 INTERNATIONAL MECHANICAL CODE
2018 INTERNATIONAL PLUMBING CODE
2020 NATIONAL ELECTRICAL CODE
2015 INTERNATIONAL ENERGY CONSERVATION CODE

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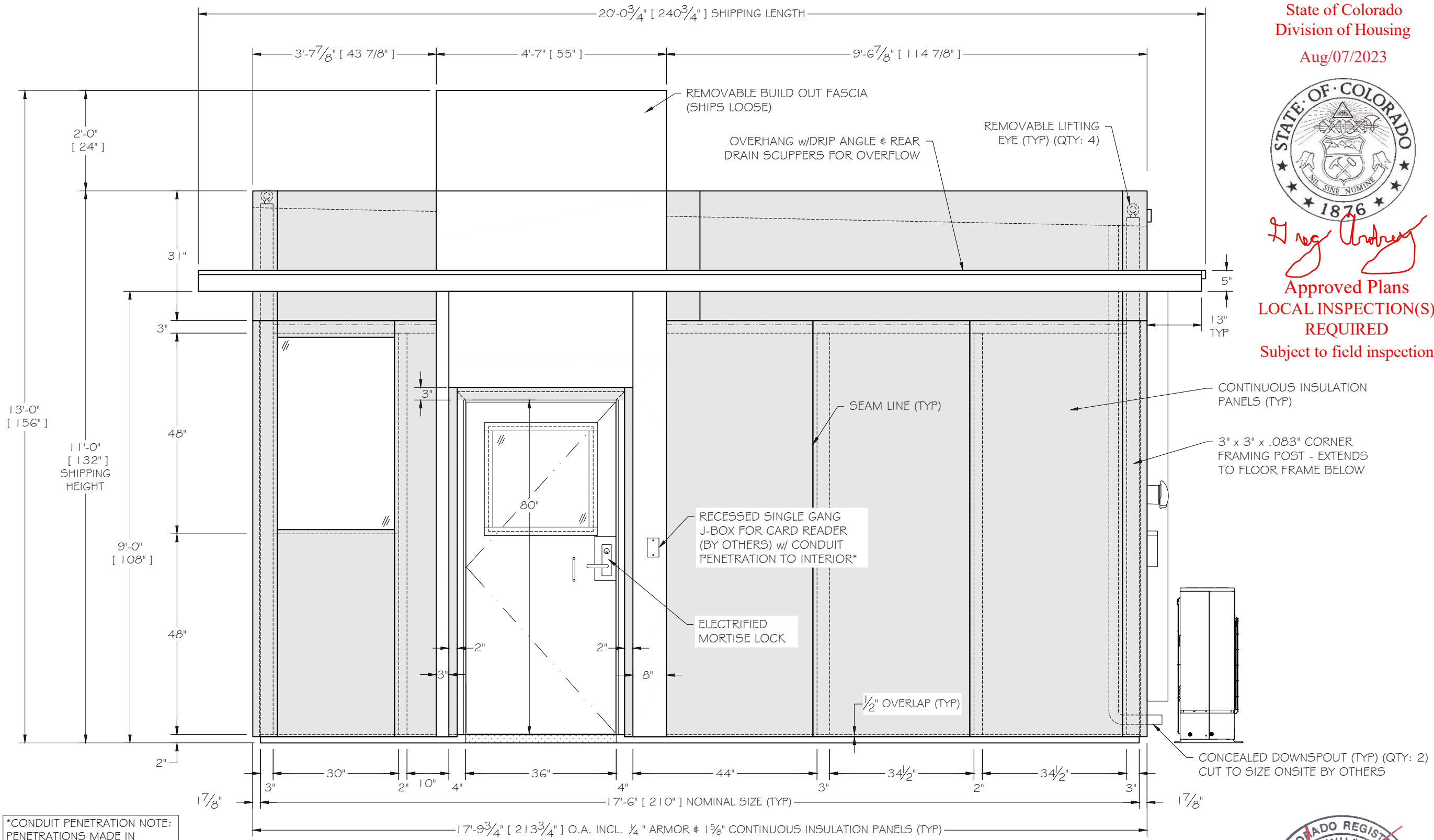
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1
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JOB No:11317
BY: JH/JRM/JH Rev C 7/13/23
DATE: 30-AUG-22
SCALE: AS NOTED

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*CONDUIT PENETRATION NOTE:
PENETRATIONS MADE IN
ARMOR FOR CONDUITS ARE
NOT BULLET RESISTANT.

E1 ELEVATION
SCALE: 1/2" = 1'-0"

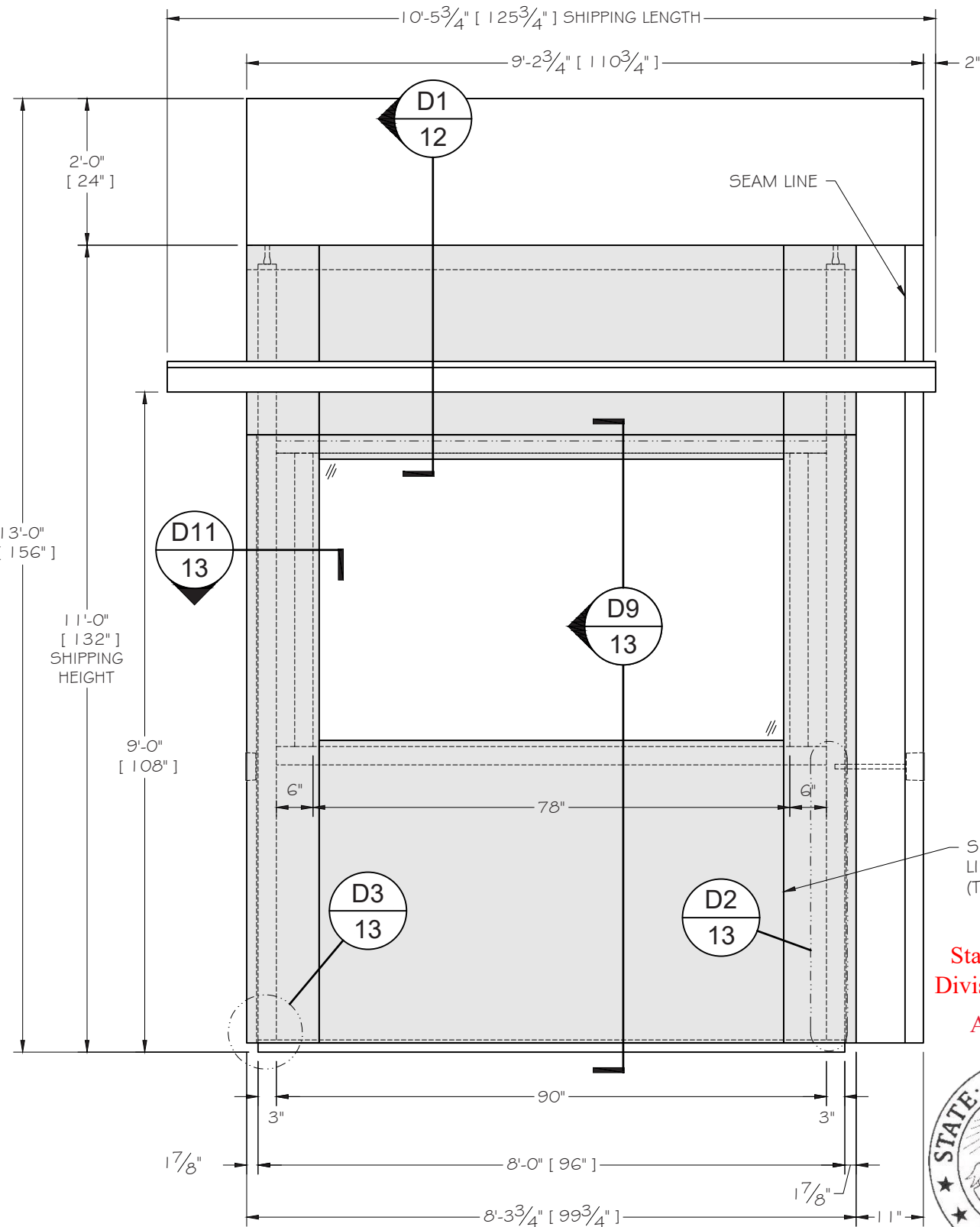
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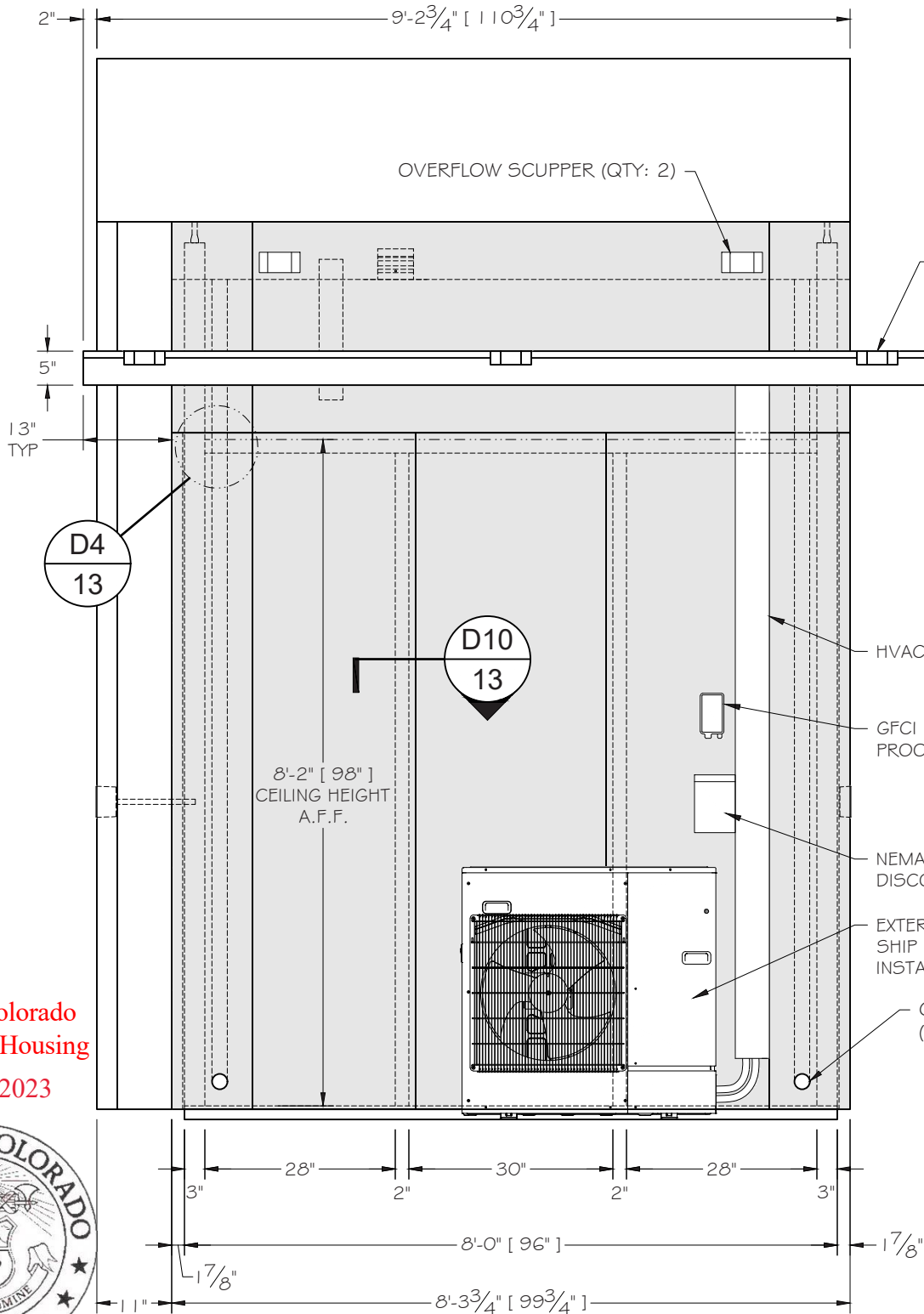
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E2 ELEVATION
SCALE: 1/2" = 1'-0"



E4 ELEVATION
SCALE: 1/2" = 1'-0"

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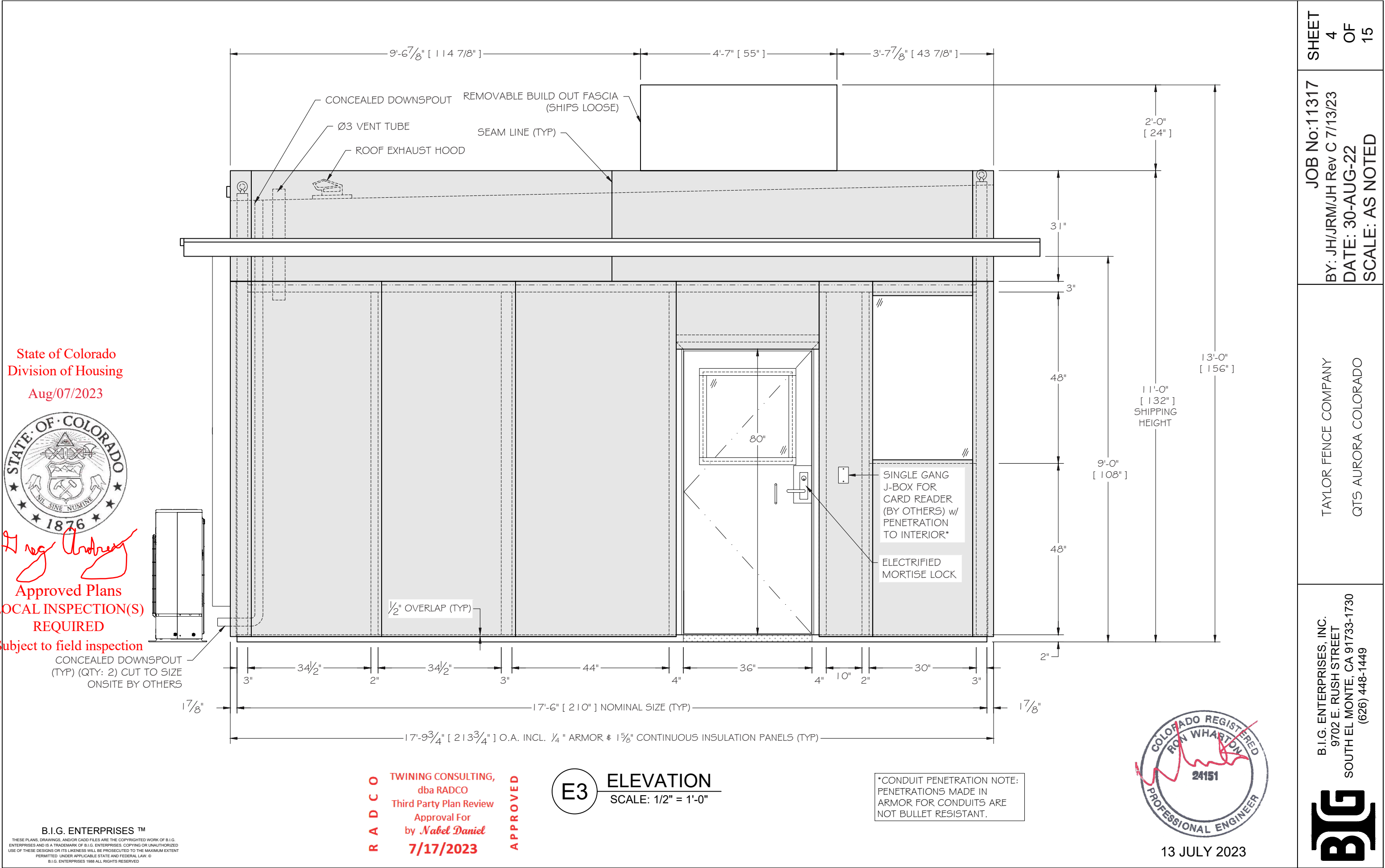
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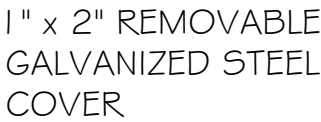
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SCALE: NONE

- 1 36" x 80" SWING DOOR - GENERAL NOTE **D1**
- 2 36" x 80" SWING DOOR (RR) - GENERAL NOTE **D2**
- 3 24" DEEP SHELF - GENERAL NOTE **A1**
- 4 Ø3" HOLES, TYP.
- 5 UTILITY DRAWER - GENERAL NOTE **A1A**
- 6 LOAD CENTER - ELECTRICAL NOTE **E1**
- 7 ELECTRICAL CABINET - ELECTRICAL NOTE **E1**
- 8 HVAC CEILING CASSETTE - MECH NOTE **M1A**
- 9 HVAC CONDENSER - MECH NOTE **M1B**
- 10 16 GA HVAC CHASEWAY - MECH NOTE **M1A**
- 11 OVERHANG - GENERAL NOTE **R1**
- 12 TOILET - GENERAL NOTE **RR4**
- 13 SINK - GENERAL NOTE **RR4**
- 14 GRAB BARS (2 PLACES) - GENERAL NOTE **RR4**
- 15 Ø3" VTR - GENERAL NOTE **RR1**
- 16 DELETED ITEM
- 17 CONCEALED DOWNSPOUT - GENERAL NOTE **R1**
- 18 ANCHOR CLIP (4 PLACES) - GENERAL NOTE **S4**
- 19 A/C SUPPLY DUCT TO RESTROOM
- 20 ARCHITECTURAL BUILD OUT - GENERAL NOTE **S20**
- 21 CONDENSATE LINE FOR HVAC SPLIT SYSTEM
- 22 6'0" x 6'0" ANTI FATIGUE MAT
- 23 REMOVABLE CHASE COVER - GENERAL NOTE **A2**

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The seal of the State of Colorado is a circular emblem. It features a central shield with a mountain peak, a river, and a sun. Above the shield is a triangle containing the word 'EUREKA'. The shield is flanked by two crossed hammers. The entire seal is encircled by the text 'STATE OF COLORADO' at the top and '1876' at the bottom, with stars separating the text.

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FLOOR PLAN

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

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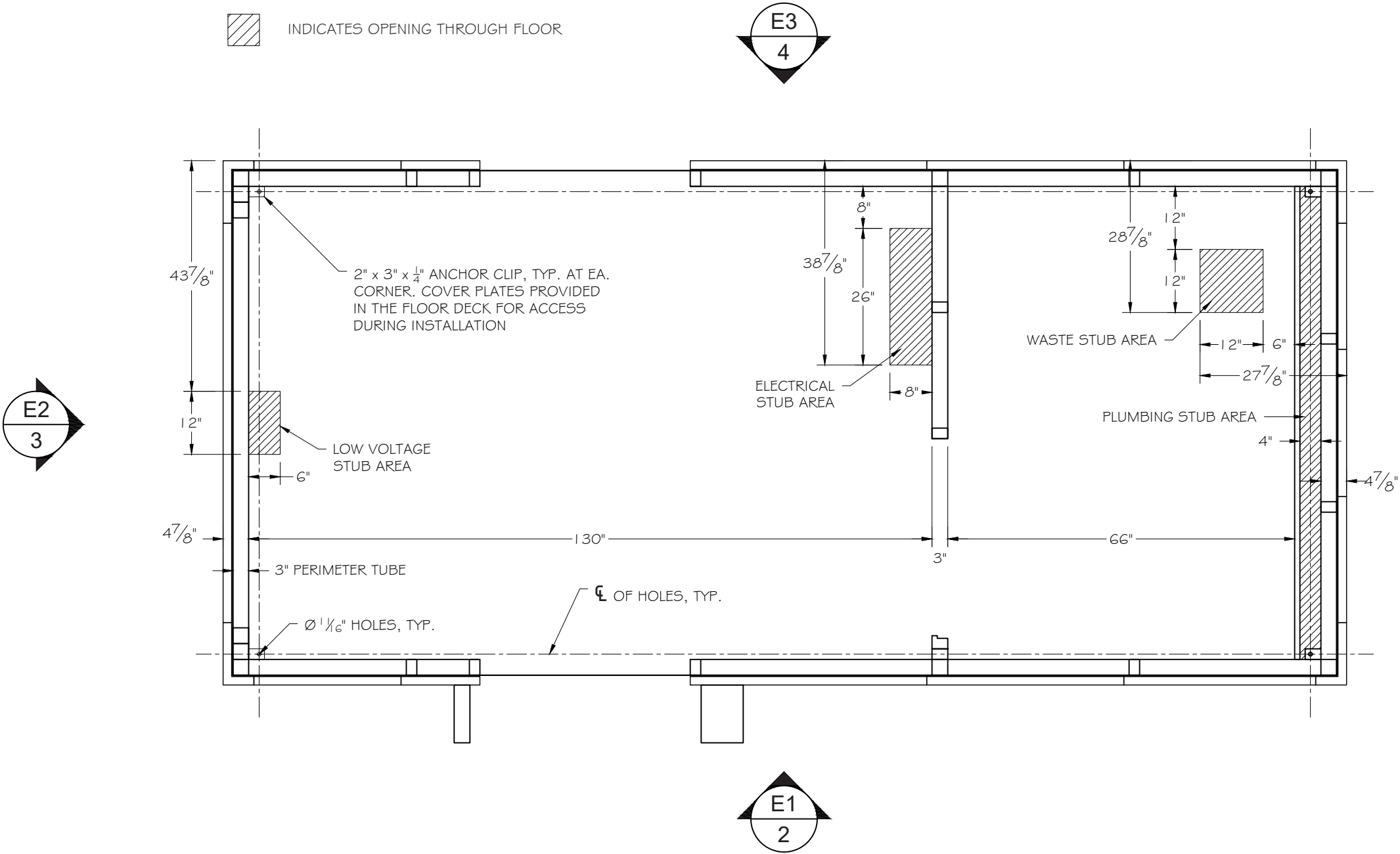
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INDICATES OPENING THROUGH FLOOR



STUB UP AREA / ANCHOR PLAN
SCALE: 1/2" = 1'-0"

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ELECTRICAL NOTES:

- E1. UNIT TO HAVE **ONE 4 WIRE THREE PHASE, 18 POLE, 125 AMP RATED, 120/208 VOLT PANELBOARD** FLUSH MOUNTED IN AN SK-60 ELECTRICAL CABINET ON THE RESTROOM PARTITION WALL; THIS PANEL TO BE LABELED "PA".

A. UNIT TO HAVE **A 60 AMP** MAIN BREAKER.
B. UNIT TO HAVE BOLT-ON BREAKERS.
C. ALL UNUSED SPACES TO INCLUDE 20A SINGLE POLE SPARE BREAKERS.
- E2. ALL ELECTRICAL EQUIPMENT TO BE U.L. LISTED AND ALL WIRING TO BE PER CURRENT PUBLISHED NEC STANDARDS. ALL CONDUCTORS TO BE COPPER, WITH A MINIMUM SIZE OF THHN #12 SOLID COPPER. EXPOSED WIRING TO BE IN SURFACE MOUNTED EMT CONDUIT. CONCEALED WIRING TO BE IN FLEXIBLE ALUMINUM CONDUIT. FINAL POWER CONNECTION AND GROUNDING TO BE DONE ON SITE BY OTHERS. ALL WORK TO BE DONE BY A QUALIFIED ELECTRICIAN IN ACCORDANCE WITH ALL APPLICABLE LOCAL CODES.

A. ALL CIRCUITS TO BE GROUNDED.
B. ALL STEEL EQUIPMENT AND EXPOSED STRUCTURAL STEEL TO BE BONDED TO ELECTRICAL SYSTEM.
- E3. UNIT TO HAVE **(4)** RECEPTACLES MOUNTED UNDER THE SHELF, **(1)** MOUNTED ON THE LEFT WALL **& (1)** ON THE RIGHT WALL.
- E4. UNIT TO HAVE **(1)** GFCI DUPLEX RECEPTACLE IN THE RESTROOM @ 42" A.F.F., (1) EXTERIOR WEATHER-RESISTANT GFCI DUPLEX RECEPTACLE w/ WEATHERPROOF "HEAVY DUTY" IN-USE COVER FOR HVAC SERVICING AT THE REAR.
- E5. UNIT TO HAVE **(1)** SINGLE GANG J-BOX IN THE RESTROOM FOR WATER HEATER.
- E6. UNIT TO HAVE **(2)** EXTERIOR WEATHERPROOF SINGLE GANG CARD READER J-BOXES **& (2) ELECTRIFIED MORTISE LOCK (FAIL-SECURE)** AT EACH EXTERIOR DOOR **(SEE GENERAL NOTE D1b FOR FACTORY ELECTRICAL DOOR PREP REQUIREMENTS)**.
- E7. UNIT TO HAVE A FLUSH MOUNTED SINGLE GANG J-BOX AT THE OVERHANG SOFFIT ON ALL CORNERS, EACH w/ CONDUIT RUNS STUBBED INTO THE ATTIC (4 TOTAL). FINAL TERMINATION RUNS BY OTHERS ON SITE.
- E8. ALL EMPTY JUNCTION BOXES TO HAVE PULL STRINGS w/ LABELS AT EACH END, U.N.O.
- E9. ITEMS OF A SIMILAR NATURE SHALL BE OF THE SAME TYPE AND MANUFACTURE, U.N.O.
- E10. ALL HEIGHT CALLOUTS TO BE MEASURED TO TOP OF RECEPTACLE/JUNCTION BOXES, U.N.O.
- E11. ALL DETAILS, SECTIONS, AND NOTES SHOWN ON THE DRAWINGS ARE INTENDED TO BE TYPICAL AND SHALL APPLY TO SIMILAR SITUATIONS ELSEWHERE, UNLESS NOTED OTHERWISE. NOTES AND DETAILS ON THE DRAWINGS TAKE PRECEDENCE OVER THE GENERAL NOTES AND TYPICAL DETAILS.

MECHANICAL NOTES:

- M1. THE UNIT IS TO BE SERVICED BY A DUCTLESS CEILING CASSETTE SPLIT SYSTEM. HVAC UNIT TO BE A **DAIKIN** **MODEL NO. PUZ-A24NHA7 (EXTERIOR UNIT) AND PLA-A24EA7 (INTERIOR UNIT)** OR EQUAL.

A. HVAC INTERIOR AIR HANDLER UNIT, **DUCT TO THE RESTROOM**, REFRIGERANT LINES, AND ELECTRICAL TO SHIP FULLY INSTALLED IN A CHASE TO THE EXTERIOR. CHASE TO BE 16 GA GALVANIZED STEEL PAINTED TO MATCH THE BOOTH EXTERIOR.
B. HVAC EXTERIOR CONDENSER UNIT WILL SHIP LOOSE. FINAL INSTALLATION OF THE HVAC SYSTEM INCLUDING: CONNECTION OF POWER AND REFRIGERANT LINES TO THE INTERIOR AND EXTERIOR UNITS, ATTACHMENT OF TWO COPPER LINES AT THE INTERIOR TO FLARE FITTINGS ON THE CASSETTE, EVACUATING & CHARGING, PROGRAMING THE THERMOSTAT, AND DIAGNOSTICS TEST MUST BE DONE ON SITE BY A LICENSED MECHANICAL CONTRACTOR. INSTALLATION AND MAINTENANCE OF THE ENTIRE SYSTEM MUST BE PERFORMED BY A LICENSED MECHANICAL CONTRACTOR IN ORDER TO MAINTAIN WARRANTY COVERAGE.
C. HVAC EXTERIOR UNIT WILL INCLUDE A **60 AMP NON-FUSED DISCONNECT SWITCH & (1) EXTERIOR GFCI RECEPTACLE** w/ IN-USE COVER FOR SERVICING (REFERENCE ELECTRICAL NOTE E7).
D. CONDENSATE DRAIN LINE TO STUB INTO THE PLUMBING WALL CAVITY FOR ON SITE CONNECTION TO THE SINK DRAIN LINE ABOVE THE P-TRAP BY PLUMBING SUBCONTRACTOR (REFERENCE GENERAL NOTE RR2a).
- M2. UNIT TO INCLUDE A **BROAN BROA80** (80 CFM) EXHAUST FAN w/BROAN 636 ROOF CAP (OR EQUAL).

PANEL SCHEDULE													
PANEL NAME: -			VOLTS: 120 / 208 V				MAIN TYPE: MAIN BREAKER						
MOUNTING: FLUSH			WIRES: FOUR				BUS RATING: 150A						
ENCLOSURE: NEMA 1			PHASE: THREE				MAIN BREAKER RATING: 60A						
CKT	DESCRIPTION	C.B. AMPS	C.B. POLES	A		B		C		C.B. POLES	C.B. AMPS	DESCRIPTION	CKT
1	HVAC UNIT	25A	2	1035	120					1	20A	(3) INTERIOR LIGHTS	2
3						1035	720			1	20A	(4) DUPLEX RCPT (FRONT SHELF)	4
5	WATER HEATER	20A	2					1500	360	1	20A	(2) GFCI RCPT (RR & EXT)	6
7				1500	360					1	20A	DOOR SECURITY	8
9	(2) DUPLEX RCPT (LEFT / RIGHT WALL)	20A	1			360	-			1	20A	SPARE	10
11	SPARE	20A	1					-	-	1	20A	SPARE	12
13	SPARE	20A	1	-	-					1	20A	SPARE	14
15	SPARE	20A	1			-	-			1	20A	SPARE	16
17	SPARE	20A	1					-	-	1	20A	SPARE	18
		TOTAL PER LEG		3015		2115		1860					
		TOTAL WATTS				6990							
		TOTAL x 1.25%				8737.50000							
		WATTS / $\sqrt{3} \times 208$				24.25285		AMPS					

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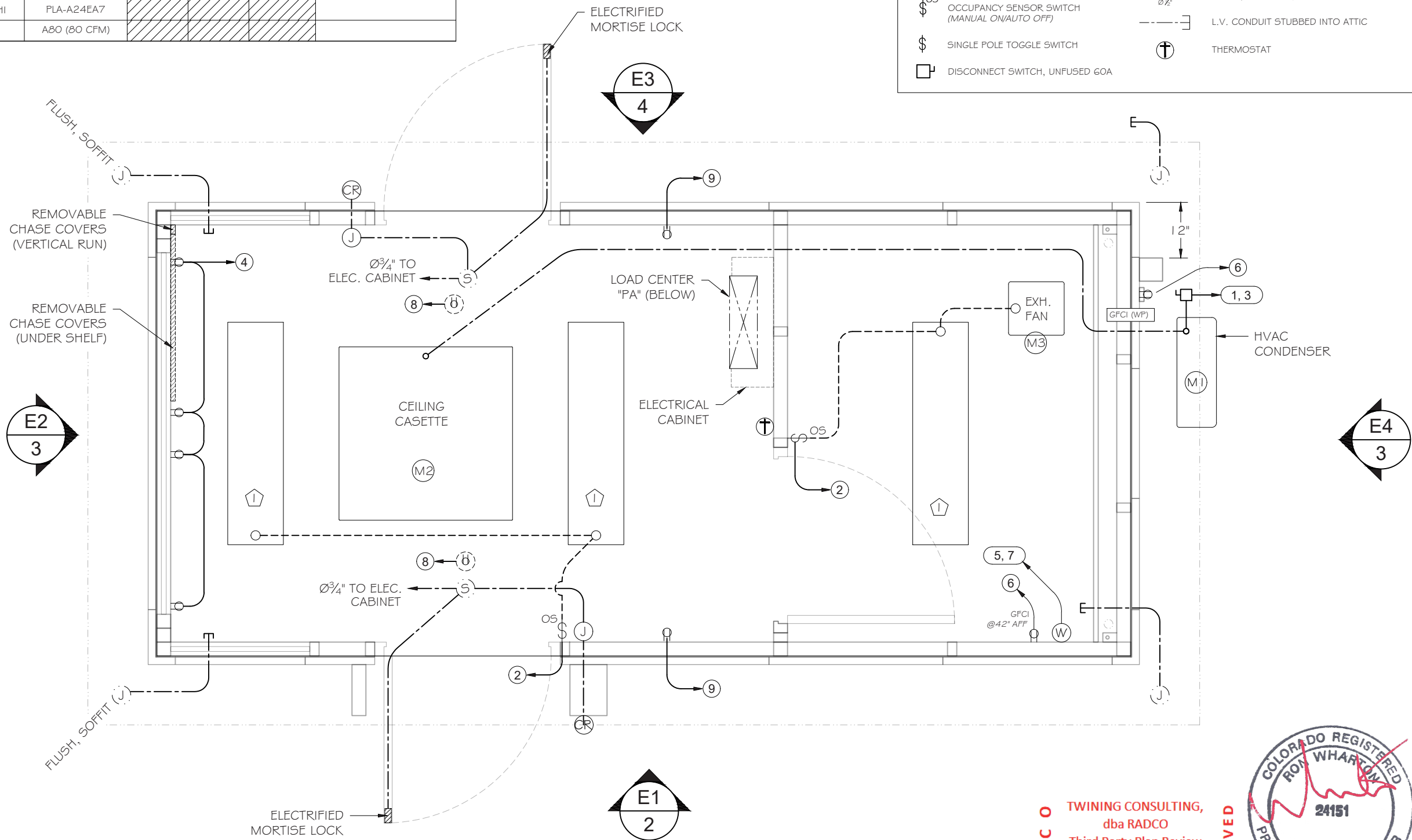
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LIGHTING SCHEDULE						
ITEM	DESCRIPTION	MANUFACTURER	MODEL NO.	TYPE	QTY	NOTES
1	1' x 4' LED FIXTURES	MAXLITE	MLFP14G420WCS	20 W	3	OCCUPANCY SENSOR

MECHANICAL EQUIPMENT SCHEDULE						
ITEM	DESCRIPTION	MANUFACTURER	MODEL NO.	BTU/h		SEER / HSPF RATING
				COOL	HEAT	
M1	CONDENSER	DAIKIN	PUZ-A24NHA7	24,000	26,000	24.2 / 11.2
M2	AIR HANDLER	DAIKIN	PLA-A24EA7			
M3	EXHAUST FAN	BROAN	A80 (80 CFM)			

ELECTRICAL LEGEND		
1 25V DUPLEX RECEPTACLE	LOAD CENTER w/ PANEL NAME	
1 25V GFCI DUPLEX RECEPTACLE	HOMERUN FROM LOCATION, CIRCUIT NUMBER, LABEL DENOTES PANEL NAME	
SINGLE GANG J-BOX, DATA/COMM	NUMBER DENOTES RCPT HEIGHT, ALL TO BE 18" A.F.F. UNLESS OTHERWISE NOTED	
DOOR SECURITY J-BOX (IN ATTIC)	SWITCH LEG	
DOUBLE GANG J-BOX, CARD READER	DATA I.L.V. CONDUITS, Ø 1/2" UNLESS NOTED OTHERWISE BY CALL OUT	
3.5kW WATER HEATER J-BOX	L.V. CONDUIT STUBBED INTO ATTIC	
OCCUPANCY SENSOR SWITCH (MANUAL ON/AUTO OFF)	THERMOSTAT	
SINGLE POLE TOGGLE SWITCH		
DISCONNECT SWITCH, UNFUSED 60A		



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ELECTRICAL PLAN

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

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RESTROOM ELEVATION LEGEND:

- 1

16" x 22" MIRROR
- 2

36" GRAB BAR
- 3

PAPER TOWEL DISPENSER
- 4

TOILET PAPER HOLDER
- 5

WATER HEATER
- 6

42" GRAB BAR
- 7

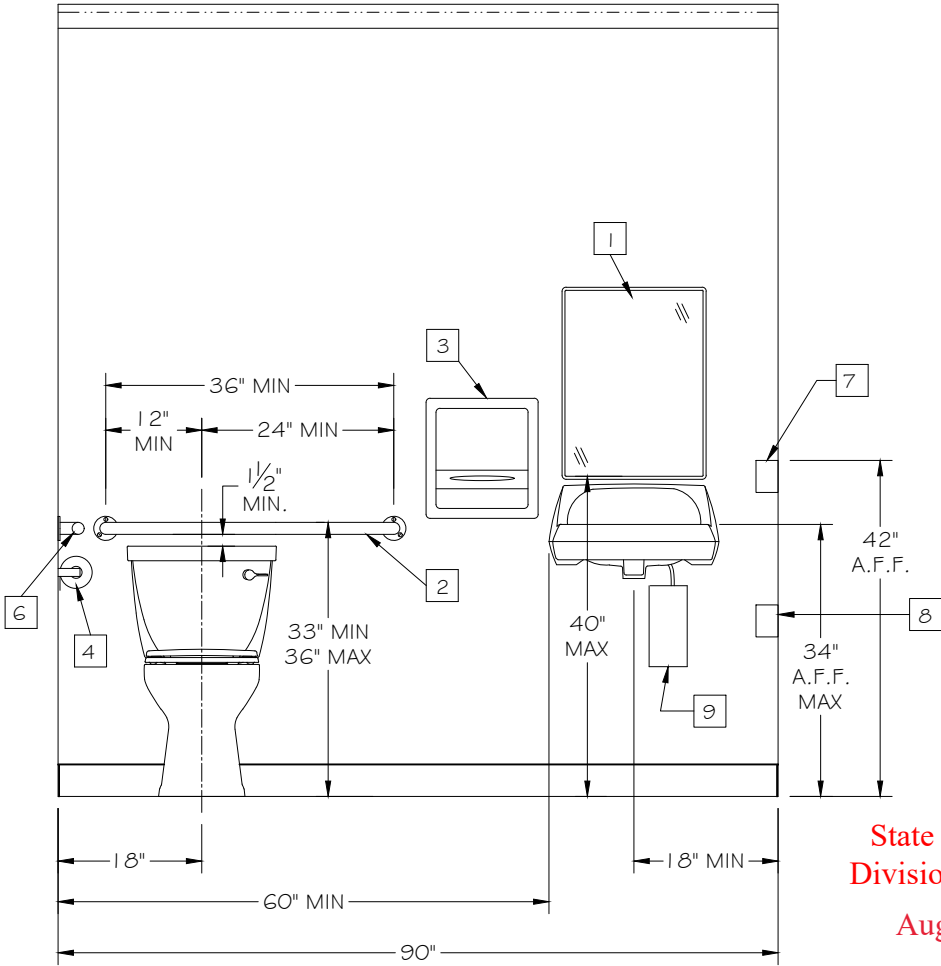
GFCI RECEPTACLE
- 8

WATER HEATER JUNCTION BOX
- 9

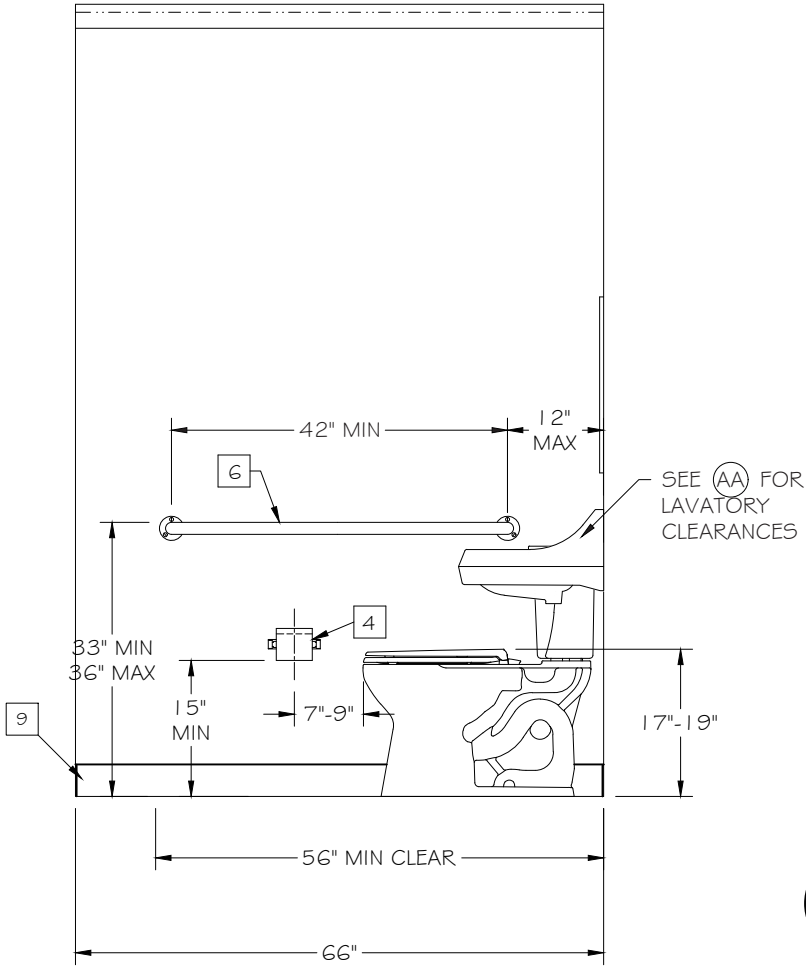
4" HIGH BLACK COVE BASE

NOTE:
ALL RESTROOM EQUIPMENT TO BE SHIPPED LOOSE FOR INSTALLATION ON SITE BY OTHERS. B.I. G. TO PROVIDE BRACING HARD POINTS FOR SINK AND ANY REQUESTED GRAB BARS. ANY OTHER BRACING POINTS OR CUTOUTS REQUIRED MUST BE SPECIFIED PRIOR TO B.I. G. PRODUCTION RELEASE.

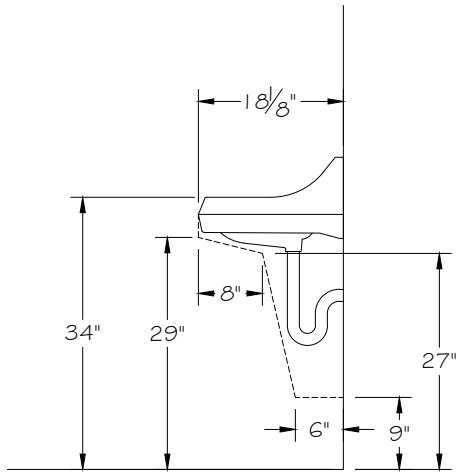
ALL PLUMBING LINES TO BE SUPPLIED AND INSTALLED ON SITE BY PLUMBING SUBCONTRACTOR. SEE GENERAL NOTE RR2.



E5 INTERIOR RR ELEVATION
SCALE: 1/2" = 1'-0"



E6 INTERIOR RR ELEVATION
SCALE: 1/2" = 1'-0"



A-A LAVATORY CLEARANCE
SCALE: 1/2" = 1'-0"



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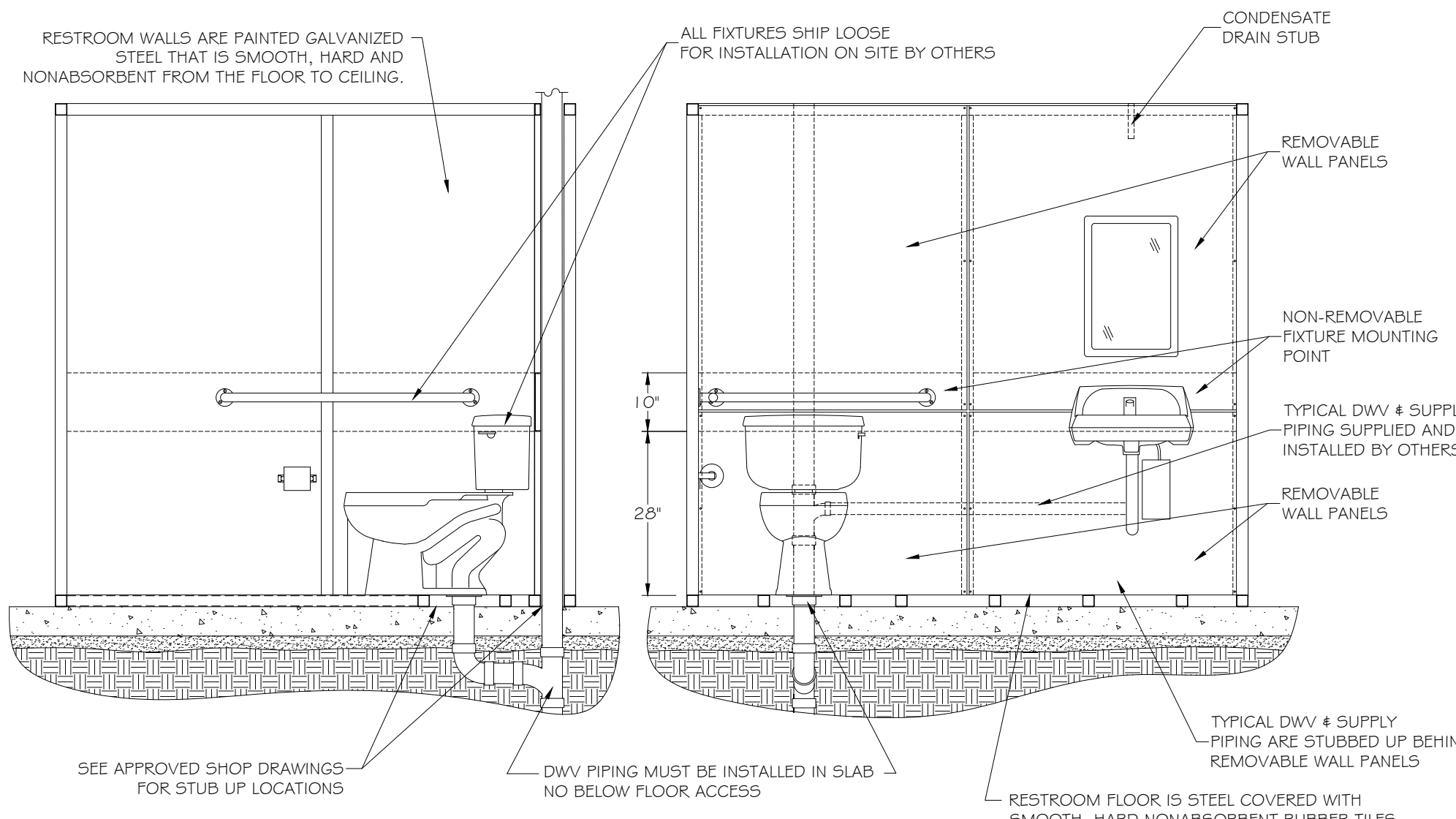
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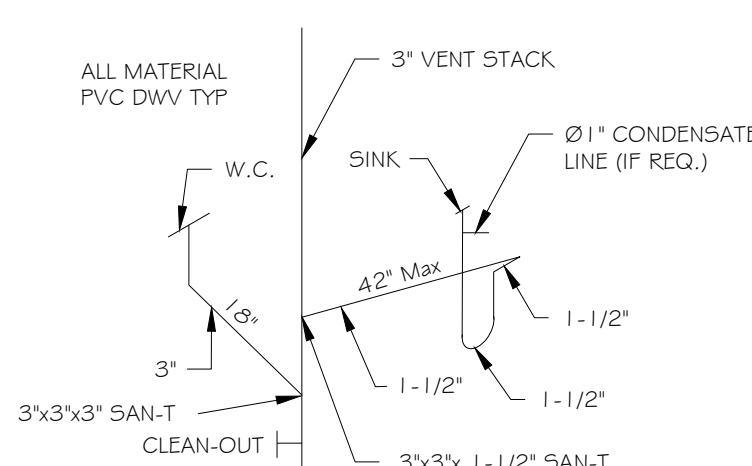


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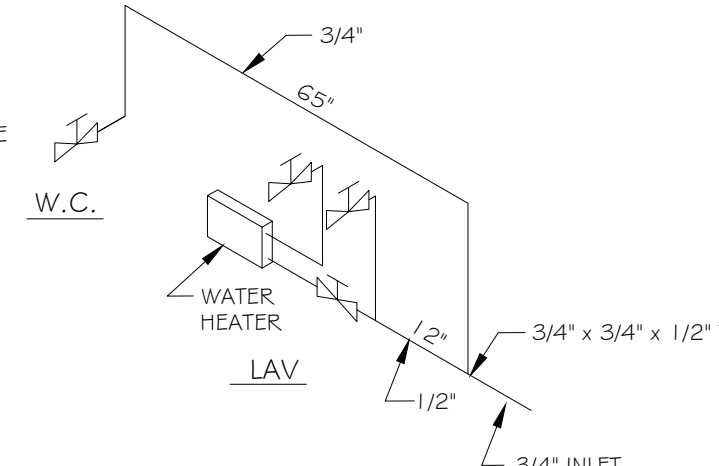
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TYPICAL PLUMBING INSTALLATION
SCALE: 1/2" = 1' - 0"



SANITARY STACK DIAGRAM
(BY OTHERS ON SITE)



WATER RISER DIAGRAM
(BY OTHERS ON SITE)

PLUMBING FIXTURE COUNT			
FIXTURE	QTY	DRAIN UNITS	EXTENDED
WATER CLOSET	1	4	4
LAVATORY	1	1	1
TOTAL DRAIN UNITS			5

INLET SIZES			
FIXTURE	QTY	FLOW RATE	EXTENDED
WATER CLOSET	1	1.28 GPM	1.28 GPM
LAVATORY	1	2.0 GPM	2.0 GPM
TOTAL FLOW RATE			3.28 GPM

WATER SUPPLY FIXTURE UNITS			
FIXTURE	QTY	WSFU	MIN. BRANCH PIPE SIZE
WATER CLOSET	1	2.5	1/2"
LAVATORY	1	1.0	1/2"
TOTAL		3.5	3/4"

System will require a minimum pressure range of 40 to 49 psi with a maximum development length of 400 ft with a 3/4" dia. supply.

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NOTE:
THIS DRAWING IS MEANT TO SHOW THE TYPE OF PLUMBING WORK REQUIRED TO CONNECT THE GUARD HOUSE. ACTUAL PLANS, PERMITS AND INSTALLATION ARE BY OTHERS.

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QTS AURORA COLORADO

B.I.G. ENTERPRISES, INC.
9702 E. RUSH STREET
SOUTH EL MONTE, CA 91733-1730
(626) 448-1449



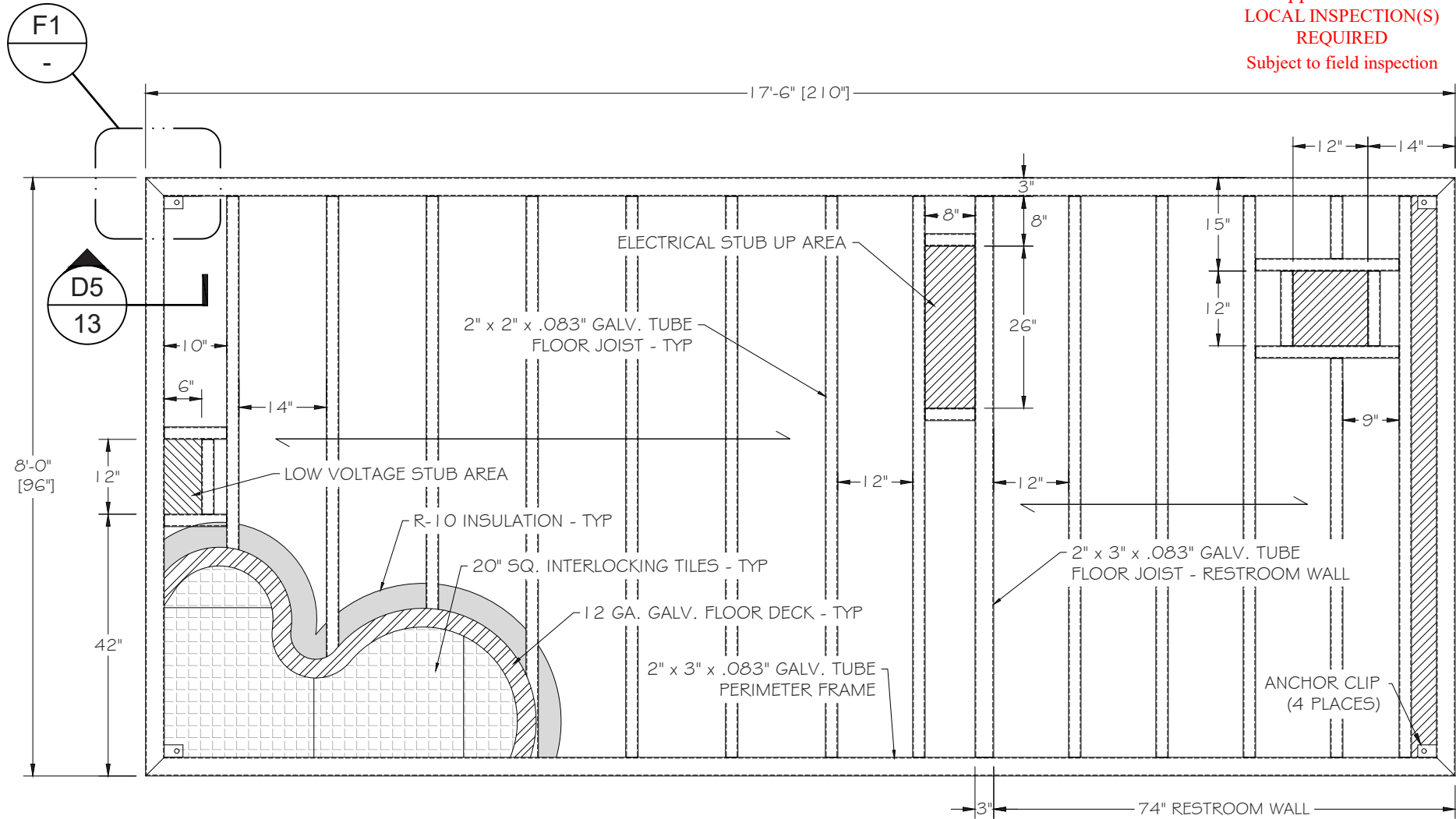
SITE WORK:
FOUNDATION DESIGN AND CONSTRUCTION TO COMPLY WITH THE LOCAL CODES. DESIGN AND CONSTRUCTION OF THE FOUNDATION IS BY OTHERS ON SITE.

NOTE:
THE FLOOR IS DESIGNED TO BE CONTINUOUSLY SUPPORTED BY A CONCRETE SLAB.

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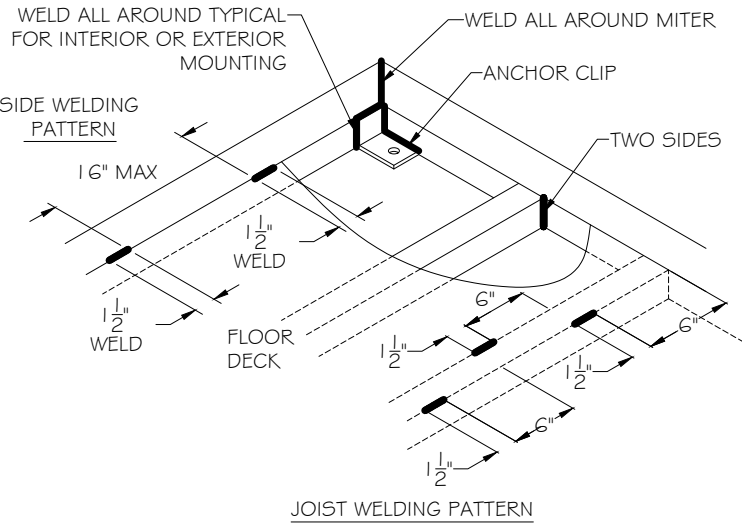


INDICATES OPENING THROUGH FLOOR

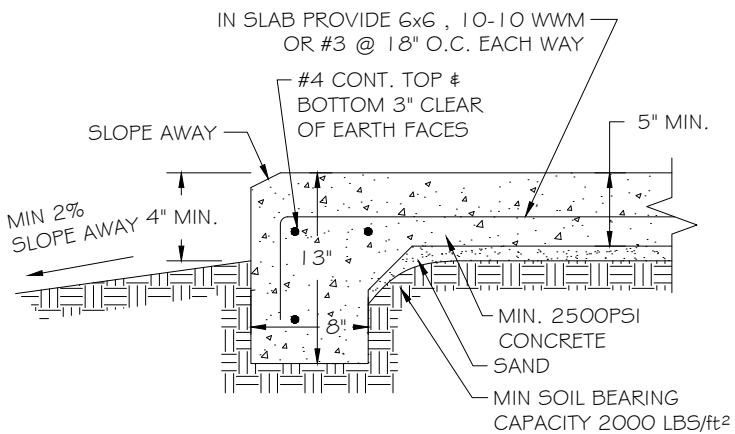


FLOOR FRAMING PLAN

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



F1 FLOOR WELD DETAIL
NTS



NOTE:
1. FOUNDATION DESIGN AND CONSTRUCTION TO COMPLY WITH LOCAL CODES
2. DESIGN, AND CONSTRUCTION OF FOUNDATION BY OTHERS ON SITE.

FOUNDATION DETAIL
NTS

RADCO
TWINING CONSULTING,
dba RADCO
Third Party Plan Review
Approval For
by *Nabel Daniel*
7/17/2023

APPROVED



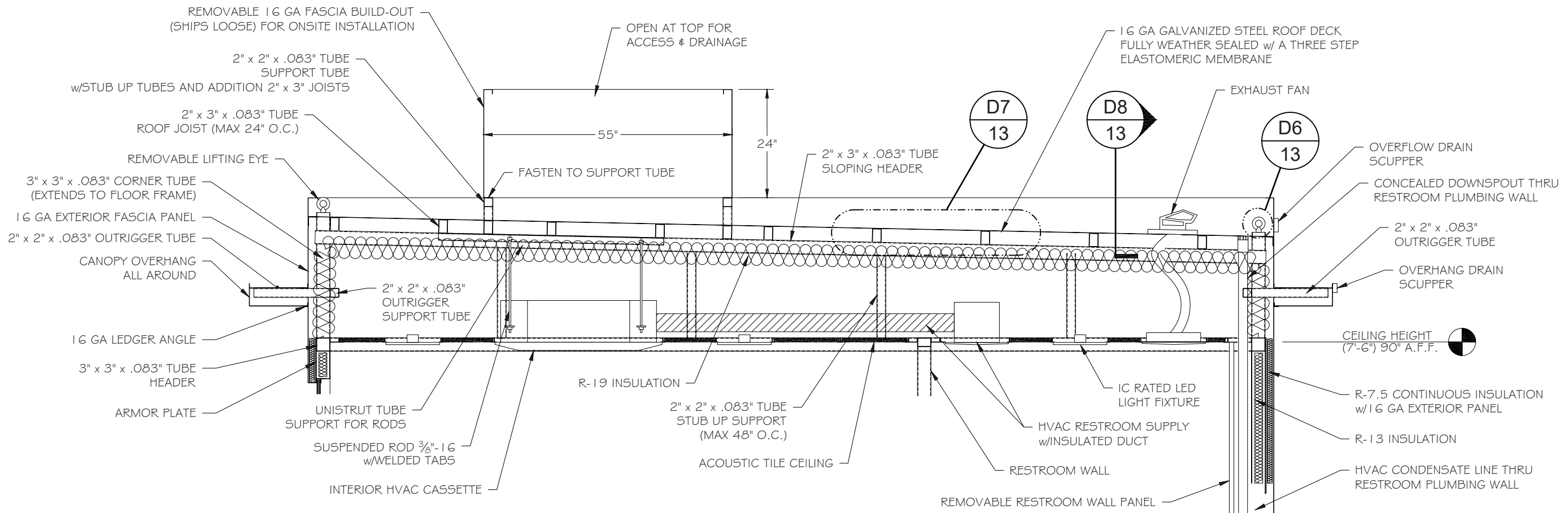
13 JULY 2023

SHEET 11 OF 15
JOB No:11317
BY: JH/JRM/JH Rev C 7/13/23
DATE: 30-AUG-22
SCALE: AS NOTED

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D1 ROOF SECTION
SCALE: 1/2" = 1'-0"

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RADCO
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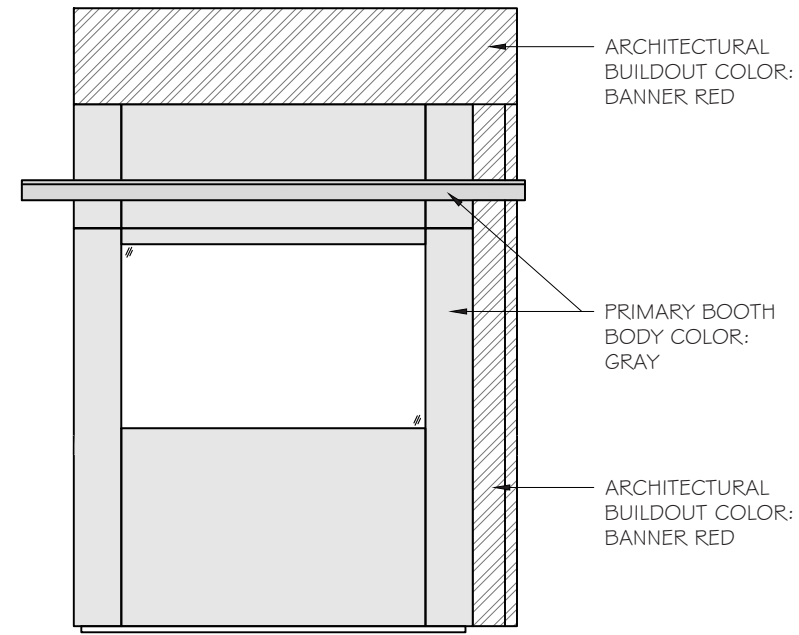


13 JULY 2023

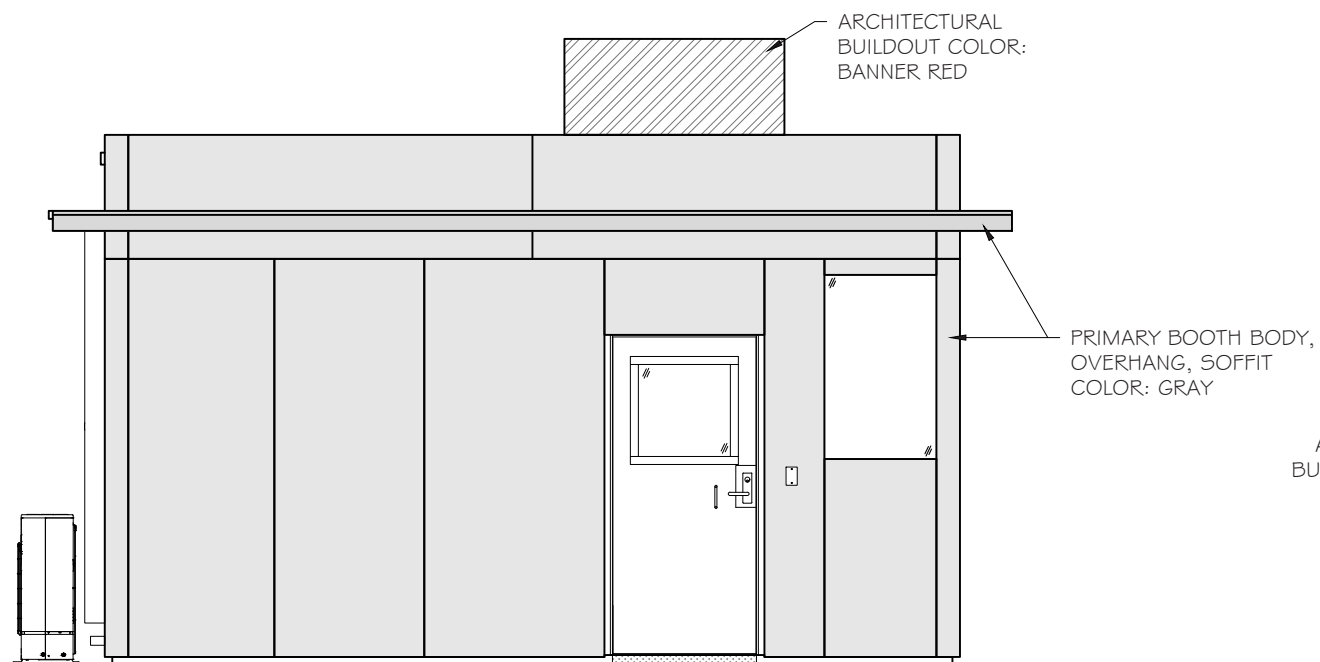
				SHEET 13 OF 15 JOB No:11317 BY: JH/JRM/JH Rev C 7/13/23 DATE: 30-AUG-22 SCALE: AS NOTED
D2PAN WELD DETAILNO SCALE	D3POST / FLOOR FRAMENO SCALE	D4POST / HEADERNO SCALE	D5ANCHOR DETAILNO SCALE	TAYLOR FENCE COMPANY QTS AURORA COLORADO
			D6LIFTING EYENO SCALE D7HEADER / JOISTNO SCALE D8FASCIA / ROOF DECKNO SCALE	
			State of Colorado Division of Housing Aug/07/2023 Approved Plans LOCAL INSPECTION(S) REQUIRED Subject to field inspection RADCO TWINING CONSULTING, dba RADCO Third Party Plan Review Approval For by <i>Nabel Daniel</i> 7/17/2023 APPROVED 13 JULY 2023	
D9WALL INSULATIONNO SCALE	D10WALL INSULATIONNO SCALE	D11CORNER DETAILNO SCALE		B.I.G. ENTERPRISES, INC. 9702 E. RUSH STREET SOUTH EL MONTE, CA 91733-1730 (626) 448-1449



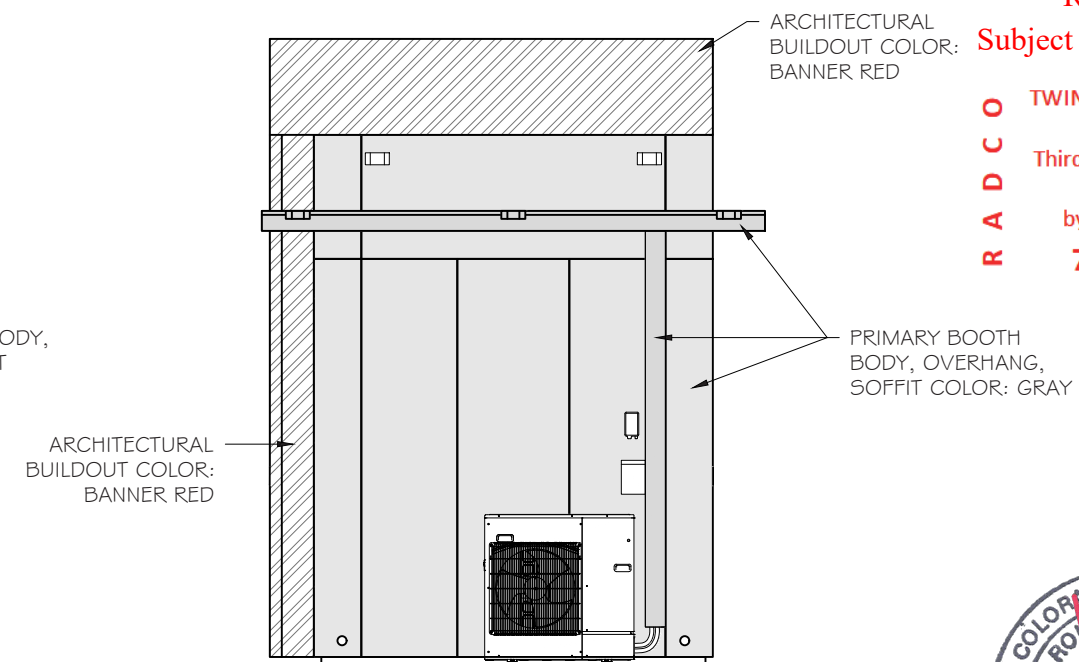
E1 LEFT ELEVATION PAINT SCHEME
SCALE: 1/4" = 1'-0"



E2 FRONT ELEVATION PAINT SCHEME
SCALE: 1/4" = 1'-0"



E3 RIGHT ELEVATION PAINT SCHEME
SCALE: 1/4" = 1'-0"



E4 REAR ELEVATION PAINT SCHEME
SCALE: 1/4" = 1'-0"

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RADCO TWINING CONSULTING,
dba RADCO
Third Party Plan Review
Approval For
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7/17/2023
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13 JULY 2023

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SHEET
14
OF
15

JOB No:11317
BY: JH/JRM/JH Rev C 7/13/23
DATE: 30-AUG-22
SCALE: AS NOTED

STRUCTURAL: GENERAL NOTES:

- S1. Unit to meet Underwriters Laboratories UL752; Standard for Bullet-Resisting equipment, **level 3** as defined in paragraph 4.5, revised 9/9/05. Protection against hand guns of super power, such as the .44 Magnum, and the like, with muzzle energy of 971-1175 foot-pounds. The bullet resistant protection does not include the floor frame, fascia, ceiling, or roof. Protection is based upon using .44 magnum lead semi-wadcutter gas checked ammunition, with 240 grain, and a velocity of 1,350-1,485 fps.
- A. Frame work to be minimum 2" x 2" x .083", 2" x 3" x .083", 3" x 3" x .083" structural steel tube.
- S2. Unit to have half glazed bullet resistant armor walls on the exterior with 16 ga galvanized steel interior walls.
- A. Walls to have an **R-13** insulation value with an additional layer of continuous **R-7.5** insulation encapsulated in a final 16 ga galvanized steel wall. Overall insulation value is to be R-20.5.
- B. DELETED NOTE
- C. Walls to have a **11" deep** Architectural build out on left side door as shown.
- S3. Unit to have a 12 ga galvanized steel floor deck, covered with 1/4" thick x 20" square, black commercial polyvinyl chloride interlocking tiles with a 4" high black perimeter cove molding. Floor to be mounted on a **2" tall** galvanized steel tube frame.
- A. Floor to have an **R-10** insulation value.
- B. The unit is to ship with a 6'-0" x 6'-0" x ³/₈" black anti-fatigue mat.
- S4. Unit to have four interior steel anchor clips. Four 5/8" Hilti KB-TZ bolts (LARR25701, ICC-ESR-1917) with 3 1/8" minimum embedment in 2500 psi concrete (or equal) are required for placement of booth. (Anchor bolts are not included) Concrete to be level if sloped, slope towards drain opening(s) on booth. Concrete, bolts and mounting shall be by others. For a 3-1/8" embedment the foundation/slab design must be a minimum of 5" thick and be sized to allow for a minimum distance of 6-1/2" from the edge of the slab to the center line of the anchors for maximum strength.

ROOF:

- R1. Unit to have a 16 ga galvanized steel roof with an **31" tall fascia, 13" clear overhang on all sides from continuous insulation panels**, sloped to drain through two concealed Ø1-1/2" PVC downspouts and overflow gutters.
- A. Overhang to have a 1" drip angle with three rear drain scuppers.
- B. Unit to have a **fascia build out with an additional 24" tall removable fascia**, to ship loose and installed on site by others.
- R2. Roof to have an **R-19** insulation value.
- R3. Unit to have four removable lifting eyes (3/4" dia. shank, eye is 1-1/2" I.D.) mounted on the roof. Lifting eyes are designed for a **STRAIGHT VERTICAL LIFT ONLY**. Spreader bars must be used when lifting booth to ensure this vertical lift. All warranties will be void if not lifted in this manner.

DOORS & WINDOWS:

- D1. Unit to have **Two** 36" x 80" bullet resistant swing doors. Hardware to include a U.L. listed paddle handle on the interior and exterior, and a welded pull handle on the interior and exterior. Doors to have keyed operation outside, full length stainless steel hinge, stainless steel mortise lock, a hydraulic closer, and weather stripping.
- A. Doors is to meet the threat level listed in General Note S1.
- B. Each exterior door to have an **electrified mortise lock** (model RX-L9092 or equal). The electronic strike is be **fail secure**, un-locked only when lock is energized, or by exterior key cylinder. Lock set wiring to terminate in a double gang junction box mounted in the attic above the door. Doors to have factory preparation for card readers that will be supplied and installed on site by others. Preparation to consist of a single gang junction box recessed at each exterior door with 1/2" empty conduits run through the wall to interior surface mounted double gang junction boxes and then up to a single double gang junction box in the attic. Attic junction box to have an empty 1/2" conduit, with pull string, run to the low voltage side of the electrical cabinet.
- D2. Unit to have one 18 ga custom commercial all steel swing door, 36" x 80", with a Corbin Russwin ADA compliant privacy lock set. Door to be mounted in the restroom partition wall.
- W1. Unit to have **Solar Gray tinted bullet resistant** glass clad polycarbonate glazing throughout.
- A. Glazing to meet the threat level listed in General Note S1.

ACCESSORIES:

- A1. Unit to have one 24" deep removable front shelf with three 3" cord access holes with grommet inserts for drop down cords. Shelf to be type **304 stainless steel with #4 finish** and is to be mounted at 34" above finished floor.
- A. Shelf to include one 3-1/2" tall x 14-1/4" wide x 14-1/2" deep steel utility drawer mounted below. Drawer to be painted the same color as the booth interior.
- B. Shelf to be rated for a 250 lb. load.
- A2. Unit to include 1" x 2" removable low voltage chase covers for future wiring by other. One chase cover to be installed at the front right corner post from ceiling height through the shelf and one under the shelf from the front right corner to the low voltage stub area.
- A. Removable chase covers to be 16 ga galvanized steel painted to match the booth interior.

RESTROOM:

- RR1. Unit to have restroom area with partition wall, all steel swing door with privacy lock, exhaust fixture (min 80 cfm, Broan #A80 or equal) and one installed 3" roof jack with 3" PVC tube vent stubbed 6" below ceiling. Verification of vent sizing, and vent installation to be by others in coordination with the local applicable codes.
- RR2. All plumbing lines and vent piping is to be supplied and installed on site by a plumbing subcontractor.
- A. Plumbing subcontractor to connect the HVAC condensation line to the sink drain line above the P-trap.
- RR3. The water closet shall not exceed 1.28 GPF. The lavatory flow rate shall not exceed 0.5 gpm at 60 psi. Total flow shall not exceed 0.25 gallons per activation.
- RR4. The following equipment (or equals) will be shipped loose for on site installation by others:
- Standard lavatory: Kohler #K2005-0
 - Faucet set: Delta 86T 1153
 - Toilet: Kohler #K31621
 - Toilet seat: PROFLO-PFTSC0F2000WH
 - 42" Grab Bar: Bobrick S.S. 6806-42
 - 36" Grab Bar: Bobrick S.S. 6806-36
 - TP holder: Bobrick S.S. B-6857
 - Paper towel holder: Bobrick S.S. B-262
 - Coat hook, double: Bobrick S.S., B-6727
 - Soap dispenser: Bobrick S.S., B-2111
 - Mirror: 18" x 24" Bobrick #B-1651 1824
 - Water Heater: 208v 3KW ESP3208

WEATHERPROOFING & FINISHING:

- F1. All exposed steel surfaces except roof deck to be coated with two component high solids polyurethane rust inhibitive primer, and two component high solids polyurethane finish coat.
- F2. The ceiling is to be an **acoustic tile ceiling**. The "T" grid will be painted the same color as the booth interior and the tiles will be white. Unit to have a ceiling height of **(8'-2") 98" A.F.F.**
- F3. **Unit to be painted a two-tone paint scheme, per Customer selection:**
- A. **Booth interior and exterior body, overhang, and soffit color: Gray**
- B. **Architectural build out: Banner Red**
- F4. Roof to be fully weather sealed with a three step roofing membrane as follows:
- A. All seams are sealed with a high bond seam sealing tape.
- B. The entire roof deck is then coated with a liquid applied one-part polyurethane coating forming a tough waterproof, weather-resistant elastomeric coating. Roof coating complies with ASTM C957.
- C. The entire deck surface finished with a white heat reflective polyurethane coating. The coating meets Energy Star reflectance and emissivity performance requirements, has an SRI of 95, and is approved by the Cool Roof Rating Council (CRRC).



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