

ADDENDUM #2

Project: Greenwood Police Department and Municipal Court Renovation
Greenwood, Mississippi

Professional: Beard + Riser Architects PLLC

Date Issued: May 10, 2016

Pages: 13 including this page



This addendum form is part of the Construction Documents, modifying and superseding where it is inconsistent with them. All other conditions of the Contract Documents remain unchanged. Acknowledge receipt of this addendum by inserting its number in the appropriate place on the bid proposal form:

1. **Item 1:** Plumbing Specification Revision – Replace Section 224000 *Plumbing Fixtures and Trim* with attached revised Section 224000 *Plumbing Fixtures and Trim* (6 pages).
2. **Item 2:** Mechanical Drawing Sheet M1.2 Revisions – Add 10.0 KW electric duct heaters for preheat to OAHU-1 and OAHU-2 as shown on attached revised Drawing M1.2R1 (1 page).
3. **Item 3:** Electrical Revision – Add revised attached Drawing E4.1(1 page).
4. **Item 4:** Drawing Sheet Revisions: Replace the existing drawing sheets with the revised attached drawing sheets – A1.4 & A3.1 (2 pages).
5. **Item 5:** Drawing Sheet Addition – The attached Drawing A8.5 is to be included in the Contract Documents (1 page).
6. **Item 6:** Clarification – The guardrail component sizes as shown on detail 1/A8.3 are correct and supersede the specifications.
7. **Item 7:** CCTV System Clarification – Specification Section 087100 Provides and Installs the System including CAT6 cabling. Specification Section 282300 provides the conduits, raceways, and outlet boxes with pull strings for the CCTV system.
8. **Item 8:** Architectural Specification Revision – Refer to specification Section 081113 *Hollow Metal Doors and Frames* – “Terminated Stops” are not required.
9. **Item 9:** Architectural Specification Revision – Refer to Section 084413 – Glazed Aluminum Curtain Wall – 1.01A – Replace with the following:

1.01 Work Included

A. Furnish and install architectural aluminum curtain wall complete with related components as shown on drawings and specified in this section.

B. Basis of Design Curtain Wall System shall be EFCO Series 5600 Outside Glazed or equal.

10. **Item 10:** Architectural Specification Revision – Refer to Section 064116 *Plastic-Laminate-Faced Architectural Cabinets 2.2 Wood Materials* - Replace with the following:

2.2 MATERIALS

A. Thermoset Decorative Overlay: Medium-density fiberboard with surface of thermally fused, melamine-impregnated decorative paper complying with LMA SAT-1.

B. High-Pressure Decorative Laminate: NEMA LD 3.

1. Manufacturers: Subject to compliance with LAWA requirements, provide products by one of the following:

a. Formica Corporation.

b. Laminart.

c. Wilsonart International; Div. of Premark International, Inc.

d. Nevamar Company

END OF ADDENDUM #2

**SECTION 224000
PLUMBING FIXTURES AND TRIM**

PART 1 - GENERAL

1.1 DESCRIPTION

Plumbing fixtures, associated trim and fittings necessary to make a complete installation from wall or floor connections to rough piping, and certain accessories.

1.2 RELATED WORK

- A. Section 220500, Common Work Results for Plumbing.
- B. Section 220523, General Duty Valves for Plumbing Piping.

1.3 SUBMITTALS

- A. Submit in accordance with on SHOP DRAWINGS.
- B. Submit plumbing fixture information in an assembled brochure, showing cuts and full detailed description of each fixture.

1.4 APPLICABLE PUBLICATIONS

- A. The publications listed below form a part of this specification to the extent referenced. The publications are referenced in the text by the basic designation only.
- B. American National Standard Institute (ANSI):
The American Society of Mechanical Engineers (ASME):
A112.6.1M-02Supports for Off-the-Floor Plumbing Fixtures for Public Use
A112.19.1M-04Enameled Cast Iron Plumbing fixtures
A112.19.2M-03Vitreous China Plumbing Fixtures
A112.19.3-2001Stainless Steel Plumbing fixtures (Designed for Residential Use)
- C. American Society for Testing and Materials (ASTM):
A276-2003Stainless and Heat-Resisting Steel Bars and Shapes
- D. National Association of Architectural Metal Manufacturers (NAAMM): NAAMM AMP 500-505
Metal Finishes Manual (1988)
- E. American Society of Sanitary Engineers (ASSE):
1016-05Performance Requirements for Individual Thermostatic,
Pressure Balancing and Combination Pressure Balancing and
Thermostatic Control Valves for Individual Fixture Fittings
- F. National Sanitation Foundation (NSF) Standard 61-2000
- G. American with Disabilities Act(A.D.A) Section 4-19.4 Exposed Pipes and Surfaces

PART 2 - PRODUCTS

2.1 STAINLESS STEEL

- A. Corrosion-resistant Steel (CRS):
 - 1. Plate, Sheet and Strip: CRS flat products shall conform to chemical composition requirements of any 300 series steel specified in ASTM A276.
 - 2. Finish: Exposed surfaces shall have standard polish (ground and polished) equal to NAAMM finish Number 4.
- B. Die-cast zinc alloy products are prohibited.

2.2 STOPS

- A. Provide lock-shield loose key or screw driver pattern angle stops, straight stops or stops integral with faucet, with each compression type faucet whether specifically called for or not, including sinks in wood and metal casework, laboratory furniture and pharmacy furniture. Locate stops centrally above or below fixture in accessible location.
- B. Furnish keys for lock shield stops to Resident Engineer.
- C. Supply from stops not integral with faucet shall be chrome plated copper flexible tubing or flexible stainless steel with inner core of non-toxic polymer.
- D. Supply pipe from wall to valve stop shall be rigid threaded IPS copper alloy pipe, i.e. red brass pipe nipple.
- E. Psychiatric Area: Provide stainless steel drain guard for all lavatories not installed in casework.

2.3 ESCUTCHEONS

- A. Heavy type, chrome plated, with set screws. Provide for piping serving plumbing fixtures and at each wall, ceiling and floor penetrations in exposed finished locations and within cabinets and millwork.

2.4 CARRIERS

- A. ASME/ANSI A112.6.1M, lavatory, chair carrier for thin wall construction. All lavatory chair carriers shall be capable of supporting the lavatory with a 250-pound vertical load applied at the front of the fixture.
- B. Where water closets, lavatories or sinks are installed back-to-back and carriers are specified, provide one carrier to serve both fixtures in lieu of individual carriers. The drainage fitting of the back to back carrier shall be so constructed that it prevents the discharge from one fixture from flowing into the opposite fixture.

2.5 WATER CLOSETS AND URINALS

- A. (WC-1) Water Closet (Floor Mounted ANSI A112.19.2M) Zurn (Z5650) elongated bowl, siphon jet 6L (1.6 gallon per) flush, wall outlet with 10 percent maximum variance, top inlet spud. Top of rim shall be between standard height.
1. Seat: Institutional/Industrial, extra heavy duty, chemical resistant, solid plastic, open front less cover for elongated bowls, integrally molded bumpers, concealed check hinge with stainless steel post. Seat shall be posture contoured body design. Color shall be white.
 2. Fittings and Accessories: Gaskets and bolts with chrome plated cap nuts and washers.
 3. Flush valve: Zurn (Z6000AV-WS-1), large chloramines resistant diaphragm semi-red brass valve body, non-hold-open, lever handle minimum (1-1/2 inch) diameter, (1 inch) IPS wheel handle back check angle valve, high pressure vacuum breaker, concealed back spud connection. Valve body, tailpiece and control stop shall be in conformance with ASTM alloy classification for semi-red brass.
- B. (WC-2) Water Closet (Floor Mounted ANSI A112.19.2M) Zurn (Z5660) elongated bowl, siphon jet 6L (1.6 gallon per) flush, wall outlet with 10 percent maximum variance, top inlet spud. Top of rim shall be between (18 inches) above finished floor.
1. Seat: Institutional/Industrial, extra heavy duty, chemical resistant, solid plastic, open front less cover for elongated bowls, integrally molded bumpers, concealed check hinge with stainless steel post. Seat shall be posture contoured body design. Color shall be white.
 2. Fittings and Accessories: Gaskets and bolts with chrome plated cap nuts and washers.
 3. Flush valve: Zurn (Z6000AV-WS-1) large chloramines resistant diaphragm semi-red brass valve body, non-hold-open, lever handle minimum (1-1/2 inch) diameter, (1 inch) IPS wheel handle back check angle valve, high pressure vacuum breaker, concealed back spud connection. Valve body, tailpiece and control stop shall be in conformance with ASTM alloy classification for semi-red brass.
- C. (U-1) Urinals: Zurn (Z5755) wall hung, back outlet, siphon jet, accessible.
1. Manufacturers: Subject to compliance with requirements provide products by one of the following:
 - a. American Standard America.
 - b. Kohler Co.
 2. Fixture:
 - a. Standards: ASME A112.19.2/CSA B45.1 and ASME A112.19.5.

- b. Material: Vitreous china.
 - c. Type: Siphon jet.
 - d. Strainer or Trapway: Manufacturer's standard strainer with integral trap.
 - e. Water Consumption: Low.
 - f. Spud Size and Location: NPS 3/4; top.
 - g. Outlet Size and Location: NPS 2; back.
 - h. Color: White.
3. Flushometer Valve: See Paragraph 1.2.
4. Waste Fitting:
- a. Standard: ASME A112.18.2/CSA B125.2 for coupling.
 - b. Size: NPS 2.
5. Support: ASME A112.6.1M, Type I, urinal carrier with fixture support plates and coupling with seal and fixture bolts and hardware matching fixture. Include rectangular, steel uprights.

2.6 LAVATORIES/SINKS

- A. Dimensions for lavatories are specified, Length by width (distance from wall) and depth.
- B. Brass components in contact with water shall contain no more than 3 percent lead content by dry weight.
- C. (L-1) Lavatory: Bradley Verge (LVRD2) two station lavatory system with two IR-DCG battery powered faucets and two Model 6315 soap dispensers. Provide 1-1/4" "P" traps and angle stops. Lavatory color by Architect.
- D. (L-2) Lavatory: Bradley Verge (LVRD1) one station ADA lavatory system with IR-DCG battery powered faucet, 6315 soap dispenser, 1-1/4" "P" trap and 1/2" angle stops. Lavatory color by Architect.
- E. (L-3) ADA Compliant Lavatory: Kohler Pennington (K-2196-4) 20-1/4" x 17-1/2" self-rimming vitreous china with Zurn (Z6915-CWB) hard wire sensor faucet, 1-1/4 inch offset drain assembly, with open strainer grid drain, 3/8 inch supplies with stop. 1-1/4 inch adjustable trap. Provide Tru-Bro under lavatory trap cover.
- F. (S-1) Sink: Elkay Lustertone (LR2222) 22"x22"x7-5/8" single compartment stainless steel sink with raised faucet deck, self-rimming, undercoated, 3-hole, strainer with removable basket and neoprene stopper, Elkay (LKD2442) faucet, aerator, tailpieces, continuous waste, 1-1/2 inch cast brass "P" trap and 3/8 inch wall supplies with wheel handle stop.

- G. (S-2) Sink: Elkay Pacemaker (PSR3322) 33" x 22" double compartment stainless steel sink with raised faucet deck, self-rimming undercoated, 3-hole, Elkay (LK-35) duo strainer with removable basket and neoprene stopper, Elkay (LK-2442) swing spout, aerator, tailpieces, continuous waste, 1-1/2" cast brass "P" trap and Kohler (K-7608) 3/8" wall supplies with wheel handle stop.
- H. (SS-1) Service Sink: Stern-Williams (SBC-1700) 24"x24"x12" molded basin, V-70 bumper guard, 3 inch drain, T-10-VB sink fitting with integral stops, vacuum breaker, T-35 hose and wall bracket and T-40 stainless steel mop hanger and stainless steel splash catcher panels.

2.7 HYDRANT, HOSE BIBB AND MISCELLANEOUS DEVICES

- A. EDF-1 (Bi-Level Electric Drinking Fountain): Elkay Barrier-Free (ERPBM28K) 8 gallon capacity, one-piece stainless steel basin, stainless steel cabinet, wall sleeve, 1-1/2 inch cast brass "P" trap and 3/8 inch I.P.S. wall supply with wheel stop.
- B. (HB-1) Hose Bibb: Zurn (Z1322-EZ) anti-siphon, automatic draining wall hydrant with stainless steel large flange box, hinged cover, operating key, and 1/2" turn ceramic disk cartridge.
- C. (FD-1) Floor Drain: Zurn (Z-415) dura coated cast iron body with bottom outlet, combination invertible collar, polished 6" diameter nickel bronze strainer with flashing clamp device with vandal-proof secured top and trap seal fitting.
- D. SH-1 (Shower): Aquarius (G4236SH) 42"x37"x74" gelcoat shower. Provide stiffening of floor from manufacturer to provide 400 lbs live load limit on floor. Shower valve equal to Zurn (Z7101-SS-MT-S2).
- E. SH-2 (ADA Shower): Aquarius (G6036-BF) 60"x36"x77" gelcoat shower, handicap accessible, curbless roll-in shower, grab bars, 1-1/2" water dam, slatted phenolic plastic fold down seat, chrome strainer drain. Provide stiffening of floor from manufacturer to provide 400 lbs live load limit on floor. Shower valve equal to Zurn (Z7101-SS-MT-LH-DV-2P-HW).

PART 3 – EXECUTION

3.1 GENERAL

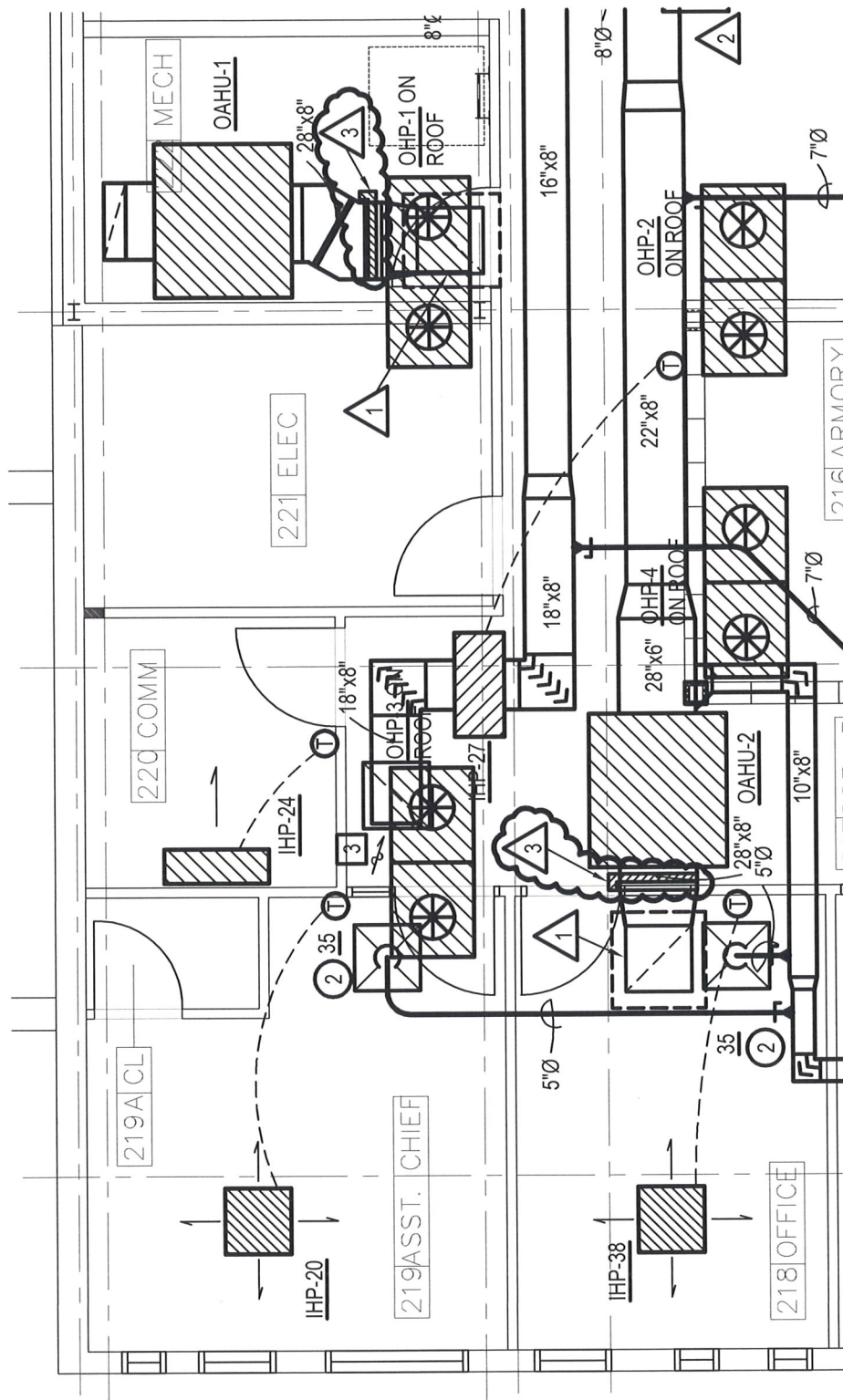
- A. Fixture Setting: Opening between fixture and floor and wall finish shall be sealed as specified under Section, SEALANTS AND CAULKING.
- B. Supports and Fastening: Secure all fixtures, equipment and trimmings to partitions, walls and related finish surfaces. Exposed heads of bolts and nuts in finished rooms shall be hexagonal, polished chrome plated brass with rounded tops.
- C. Through Bolts: For free standing marble and metal stud partitions refer to Section TOILET PARTITIONS AND URINAL SCREENS.

- D. Toggle Bolts: For hollow masonry units, finished or unfinished.
- E. Expansion Bolts: For brick or concrete or other solid masonry. Shall be 6 mm (1/4-inch) diameter bolts, and to extend at least 75 mm (3-inches) into masonry and be fitted with loose tubing or sleeves extending into masonry. Wood plugs, fiber plugs, lead or other soft metal shields are prohibited.
- F. Power Set Fasteners: May be used for concrete walls, shall be 6 mm (1/4-inch) threaded studs, and shall extend at least 35 mm (1-1/4 inches) into wall.
- G. Tightly cover and protect fixtures and equipment against dirt, water and chemical or mechanical injury.
- H. Where water closet waste pipe has to be offset due to beam interference, provide correct and additional piping necessary to eliminate relocation of water closet.

3.2 CLEANING

At completion of all work, fixtures, exposed materials and equipment shall be thoroughly cleaned.

--- E N D ---



NOTES:

- 1 OUTSIDE AIR INTAKE CAP EQUAL TO COOK TRE 24"x24" x 3 TIERS.
PROVIDE MANUFACTURER'S ROOF CURB.
- 2 PROVIDE PLASTER MOUNTING FRAME EQUAL TO TITUS TRM.
- 3 PROVIDE 10.0 KW ELECTRIC DUCT HEATER WITH SCR
CONTROLLER FOR PRE-HEAT, EQUAL TO DELL HEATRIX MODEL
M1-0828-10-240-3-SCR.

PARTIAL SECOND FLOOR PLAN - HVAC

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

ATHERTON
CONSULTING ENGINEERS

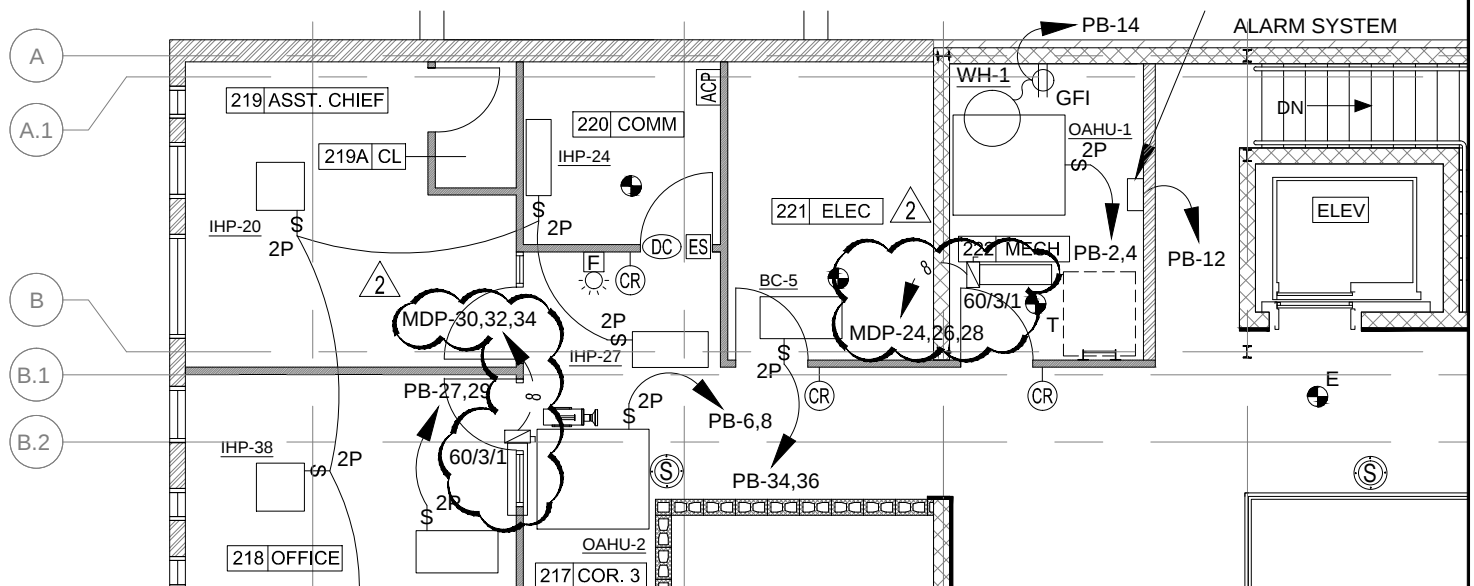
P. O. BOX 16511 JACKSON, MISSISSIPPI 39236-6511
(601) 362-6478

**GREENWOOD POLICE DEPARTMENT
AND MUNICIPAL COURT RENO.**
GREENWOOD, MISSISSIPPI

DATE: 05/09/16
DRAWN: TEG
CHECKED: PEA

M1.2R1

PANEL			LOCATION: STORAGE 133		LUG LOCATION:		BOTTOM FEED											
MDP			VOLT: 240Δ/120V, 3Ø, 4W		MAIN BUS:		MAIN LUGS ONLY											
			BUS: 600A		MOUNTING:		SURFACE								PANELBOARD A/C RATING (A):		22,000	
CIRCUIT NO.	BREAKER		DESCRIPTION						PHASE LOAD (KVA)				DESCRIPTION		BREAKER		CIRCUIT NO.	
	AMPS	POLES			A	B	C	AMPS	POLES									
1	20	1	SPARE		0.0	0.0					SPARE		20	1	2			
3	20	1	NO SINGLE PHASE LOADS				0.0	0.0			NO SINGLE PHASE LOADS		20	1	4			
5	60	3	RTU-1						5.1	5.0	OHP-3		60	3	6			
7	-	-	-		5.1	5.0					-		-	-	8			
9	-	-	-				5.1	5.0			-		-	-	10			
11	60	3	OHP-1a						4.3	5.0	OHP-4		60	3	12			
13	-	-	-		4.3	5.0					-		-	-	14			
15	-	-	-				4.3	5.0			-		-	-	16			
17	60	3	OHP-1b						4.3	7.5	ELEVATOR		90	3	18			
19	-	-	-		4.3	7.5					-		-	-	20			
21	-	-	-				4.3	7.5			-		-	-	22			
23	60	3	OHP-2a						4.3	3.3	ELECTRIC DUCT HEATER		35	3	24			
25	-	-	-		4.3	3.3					-		-	-	26			
27	-	-	-				4.3	3.3			-		-	-	28			
29	60	3	OHP-2b						4.3	3.3	ELECTRIC DUCT HEATER		35	3	30			
31	-	-	-		4.3	3.3					-		-	-	32			
33	-	-	-				4.3	3.3			-		-	-	34			
35	225	2	PANEL PA						21.3	16.0	PANEL PB		225	2	36			
37	-	-	-		20.5	14.2					-		-	-	38			
39	100	3	SPARE				0.0	0.0			SPARE		60	3	40			
41	-	-	-						0.0	0.0	-		-	-	42			
43	-	-	-		0.0	0.0					-		-	-	44			
45	100	3	SPARE				0.0	0.0			SPARE		60	3	46			
47	-	-	-						0.0	0.0	-		-	-	48			
49	-	-	-		0.0	0.0					-		-	-	50			
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53	-	-	-						0.0	0.0	-		-	-	54			
55	-	-	-		0.0	0.0					-		-	-	56			
57	-	-	SPACE				0.0	0.0			SPACE		-	-	58			
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61	-	-	-		0.0	0.0					-		-	-	62			
63	-	-	SPACE				0.0	0.0			SPACE		-	-	64			
65	-	-	-						0.0	0.0	-		-	-	66			
67	-	-	-		0.0	0.0					-		-	-	68			
69	-	-	SPACE				0.0	0.0			SPACE		-	-	70			
71	-	-	-						0.0	0.0	-		-	-	72			
73	-	-	-		0.0	0.0					-		-	-	74			
75	-	-	SPACE				0.0	0.0			SPACE		-	-	76			
77	-	-	-						0.0	0.0	-		-	-	78			
79	-	-	-		0.0	0.0					-		-	-	80			
81	-	-	SPACE				0.0	0.0			SPACE		-	-	82			
83	-	-	SPACE						0.0	0.0	-		-	-	84			
TOTAL					81.2		46.5		83.8									

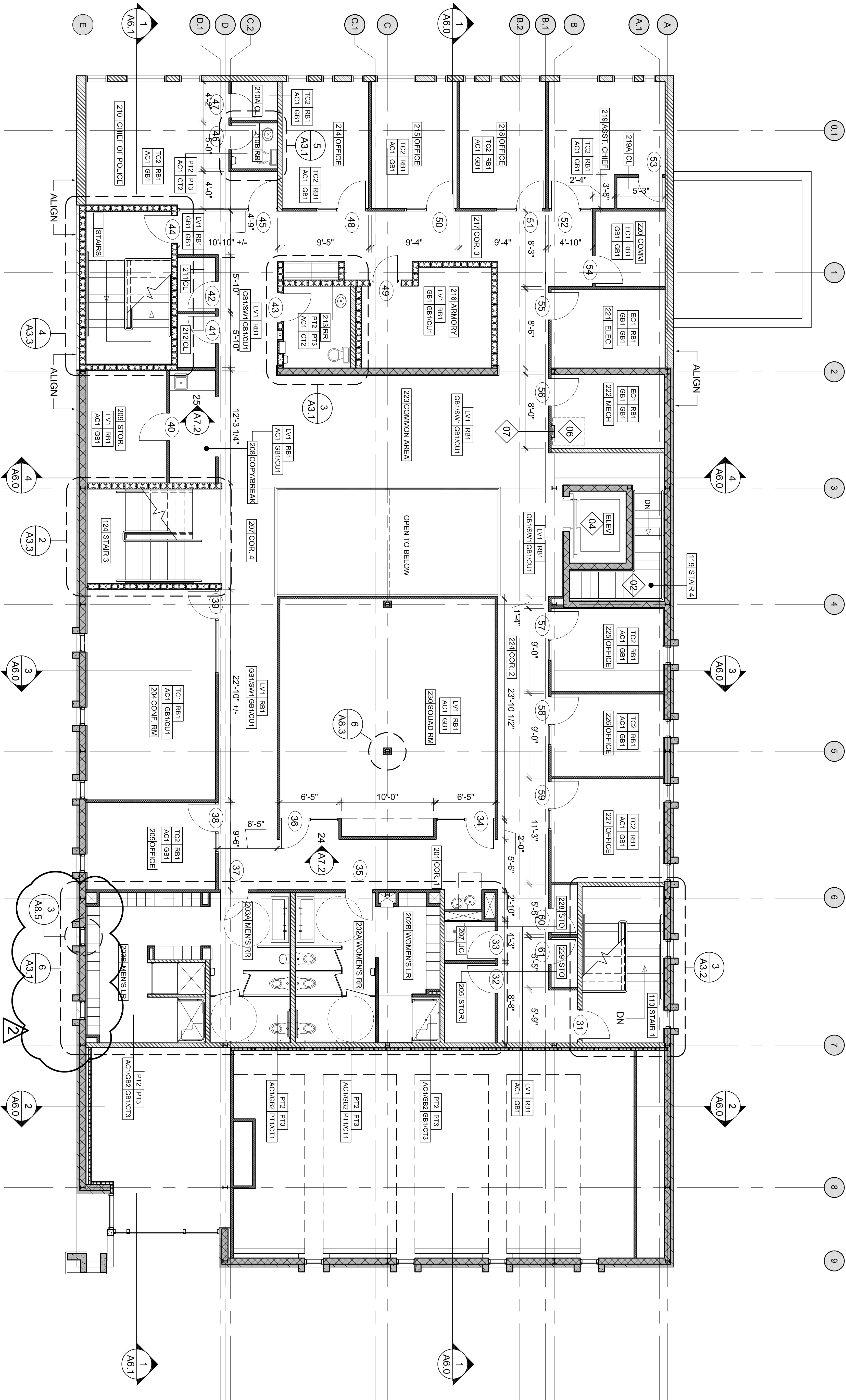


1
E4.1

MECHANICAL CONNECTIONS - SECOND FLOOR

Scale: 1/8" = 1'-0"

SHEET NO.	SHEET TITLE	REVISIONS		945 MADISON AVE. MADISON, MS 39110 VOICE (601) 605-4820 FAX (601) 605-4875 TPS PROJ. # 15130
ADD E4.1	GREENWOOD POLICE DEPARTMENT AND MUNICIPAL COURT RENO. GREENWOOD, MISSISSIPPI	2 2016-05-09		



1 SECOND FLOOR RENOVATION PLAN

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

GENERAL NOTES:

GENERAL NOTES ARE TYPICAL & APPLY TO ALL ASPECTS OF CONSTRUCTION

- A. ALL SOFFIT FRAMING TO BE 362S125-27 MTL STUDS UNLESS NOTED OTHERWISE. REFER TO STRL FOR ADDITIONAL FRAMING NOTES.
- B. FILL ALL NEW & EXISTING TRENCHES & PENETRATIONS TO MATCH ADJACENT CONSTRUCTION.

FLOOR PLAN KEYED NOTES:

DENOTES KEYED FLOOR PLAN ITEM. KEYED NOTES ARE SPECIFIC & ARE KEYED TO ITEMS LOCATED ON THE FLOOR PLAN.

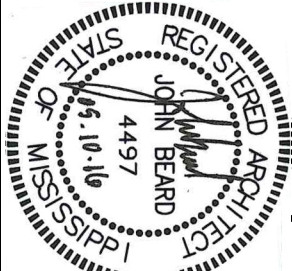
- 01 REPAIR WALL WHERE MEP WORK HAS OCCURED.
- 02 PREP & PAINT EXISTING STAIRS AND EXISTING BLOCK WALL.
- 03 NEW PLANT SUPPORT WALL SYSTEM.
- 04 NEW LANDING AND STAIR.
- 05 NEW ELEVATOR.
- 06 ROOF ACCESS DOOR.
- 07 WALL MOUNTED STEEL LADDER.

WALL TYPE LEGEND:

- INDICATES EXISTING EXTERIOR WALL TO REMAIN.
- INDICATES EXISTING BRICK VENEER TO REMAIN.
- INDICATES EXISTING CONCRETE WALL ELEMENT TO REMAIN.
- INDICATES NEW CAST IN PLACE CONCRETE WALL ELEMENT.
- 8" GROUND FACE CMU WALL
- 4" GROUND FACE CMU WALL
- 6" LIGHT GAGE STL FRAMING
- 3-5/8" LIGHT GAGE STL FRAMING
- 1-1/2" LIGHT GAGE STL FRAMING

GREENWOOD POLICE DEPARTMENT AND MUNICIPAL COURT RENOVATIONS

CITY OF GREENWOOD
GREENWOOD, MS



REVISIONS		
NO.	DATE	DESCRIPTION
2	05.10.2016	ADDENDUM #2

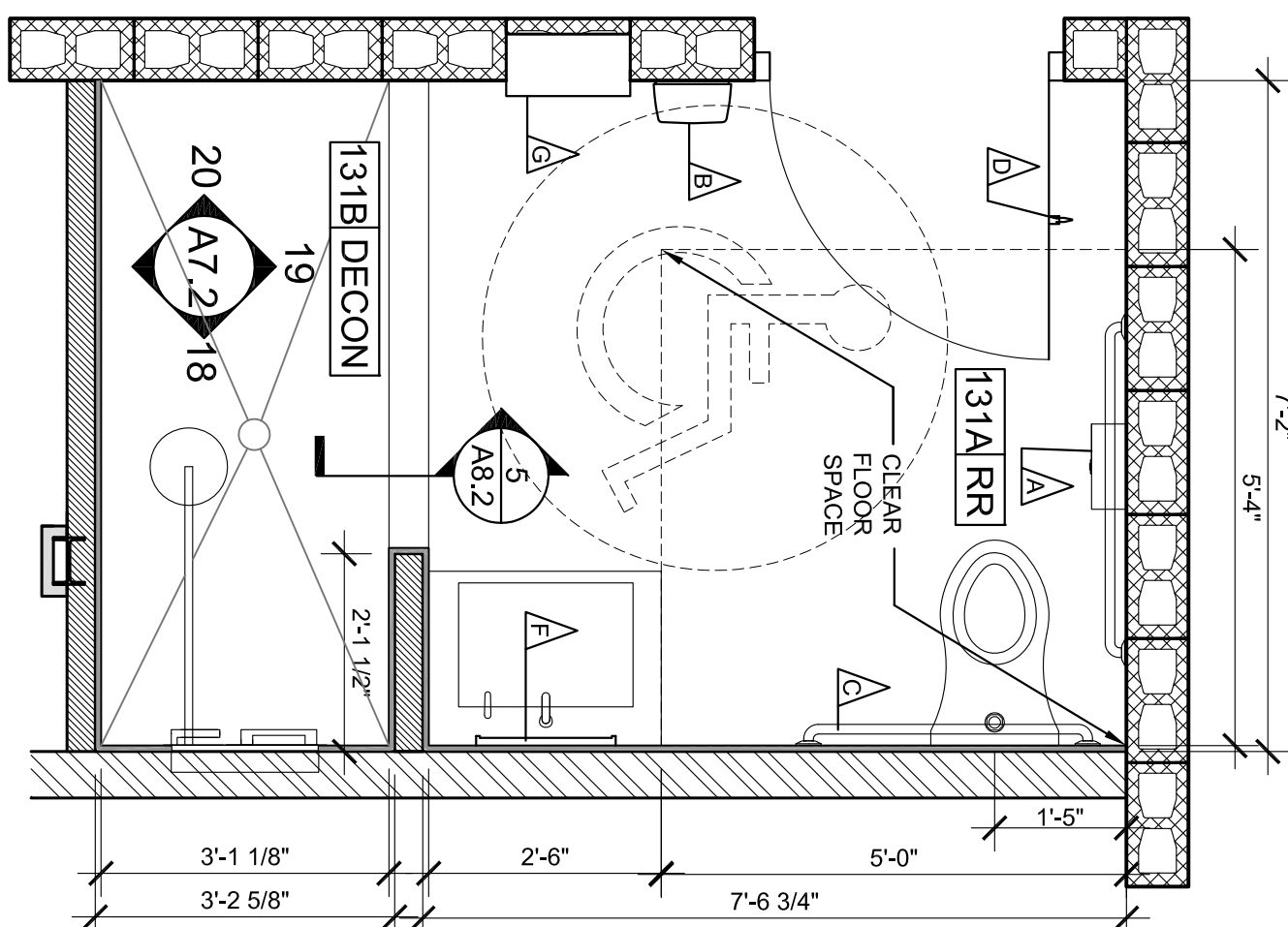
DATE: 03.30.2016
REVISIONS:
DRAWN BY: LAB
CHECKED BY: JB

201 MAIN STREET
GREENWOOD, MS 38930
[P] 662.455.2581
www.beardriser.com

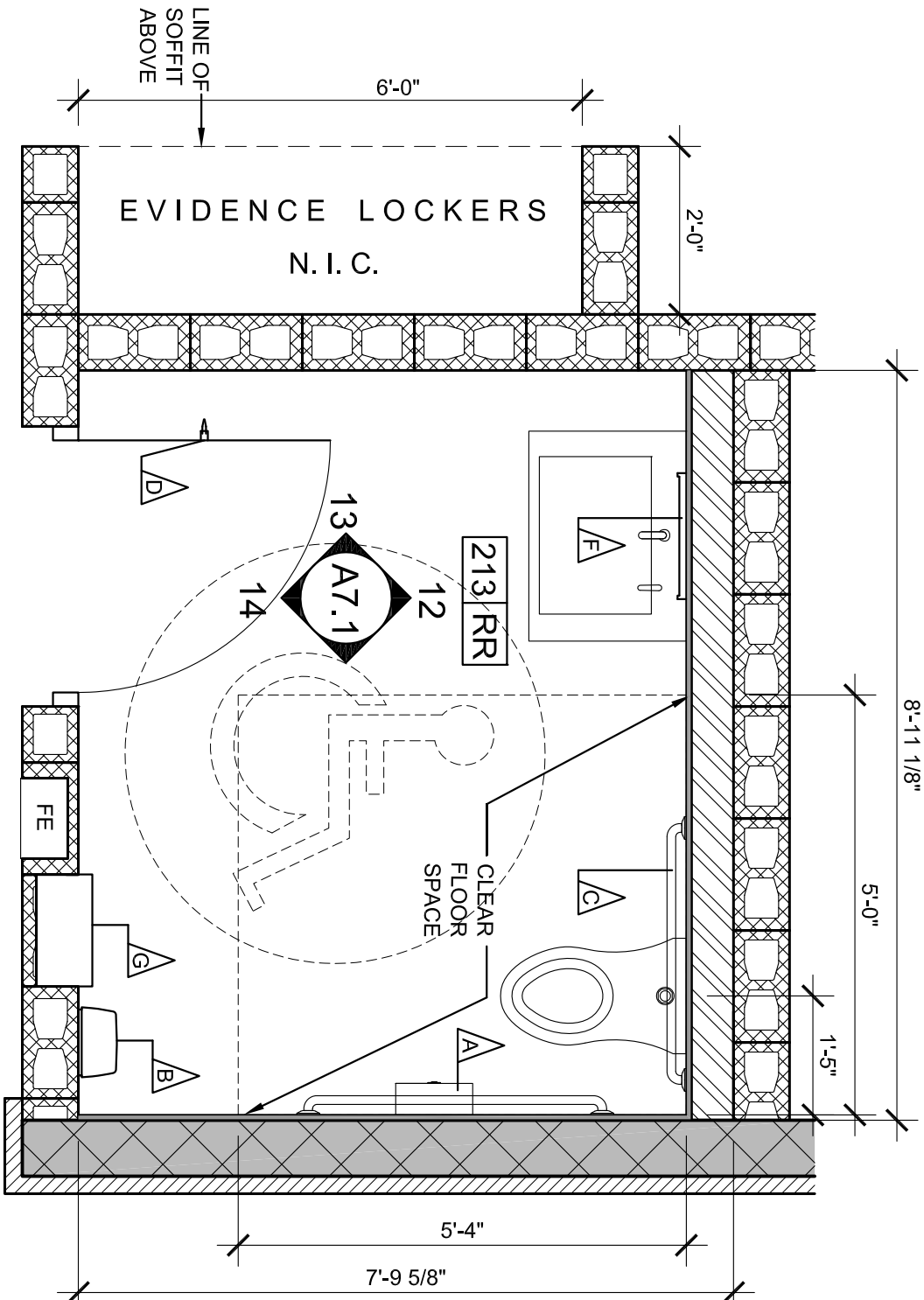
B+R
BEARD + RISER
ARCHITECTS PLLC

SHEET #:
A1.4

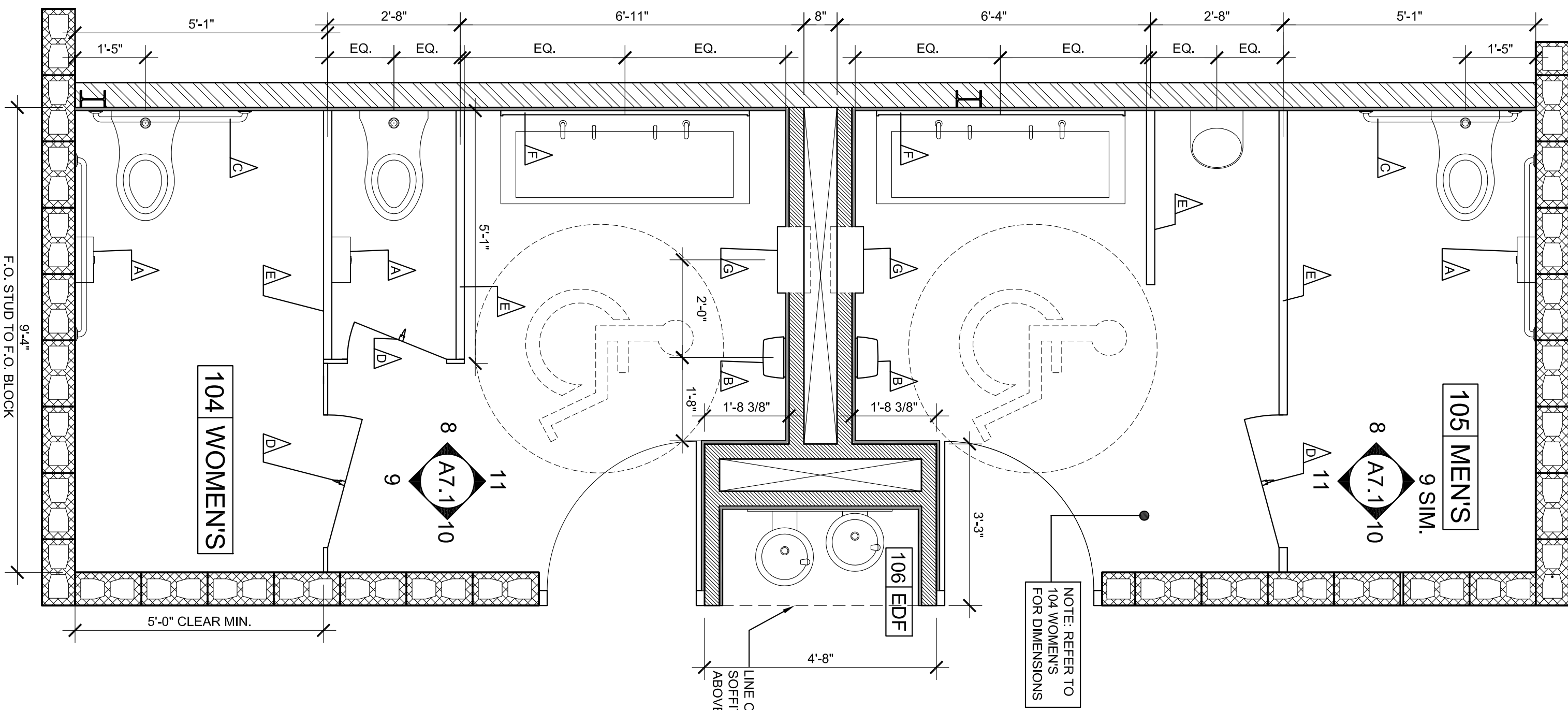
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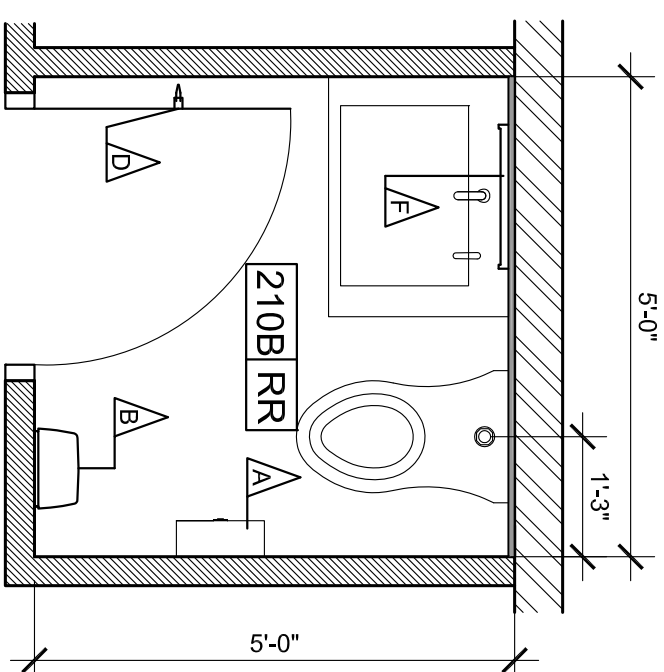
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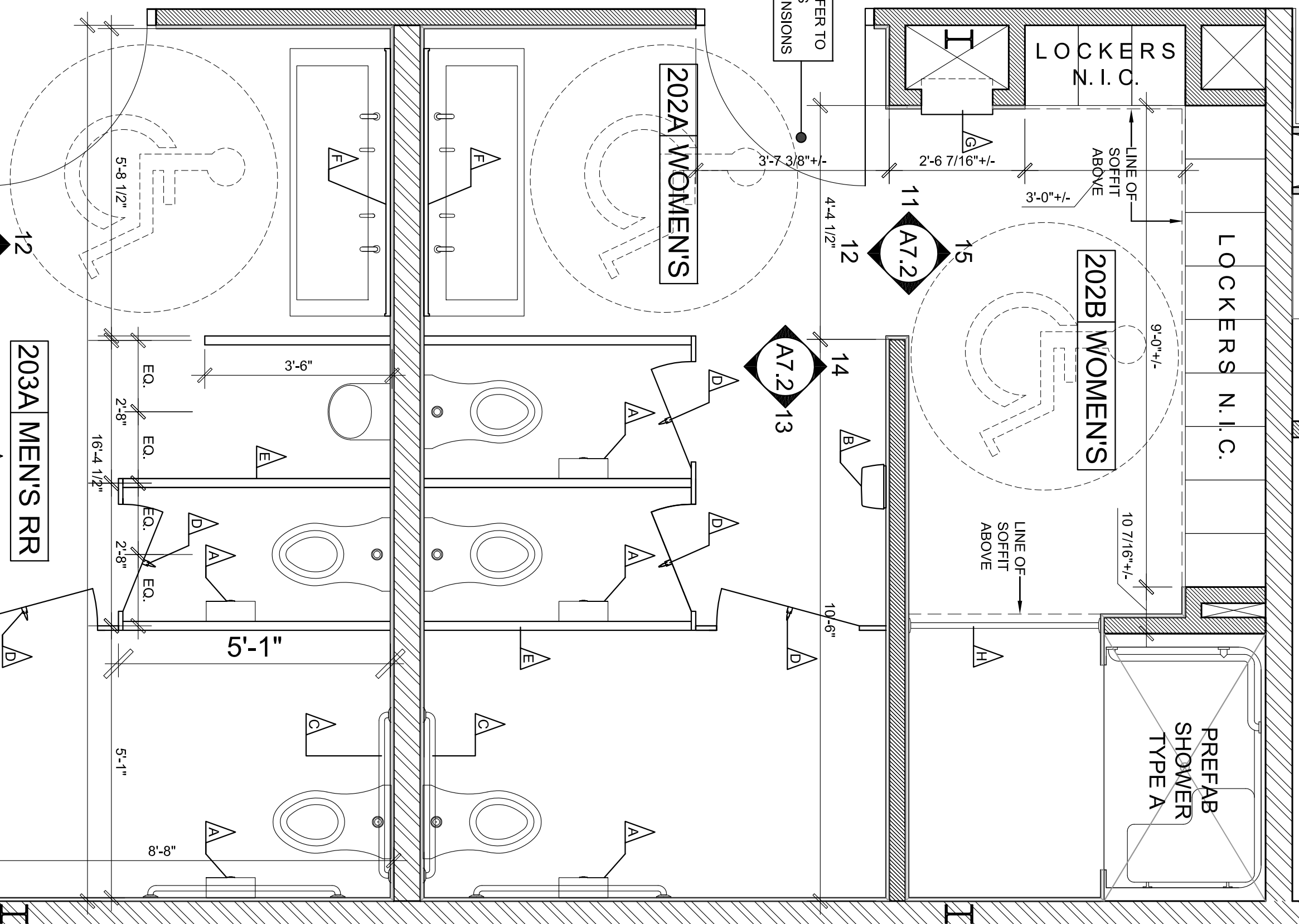
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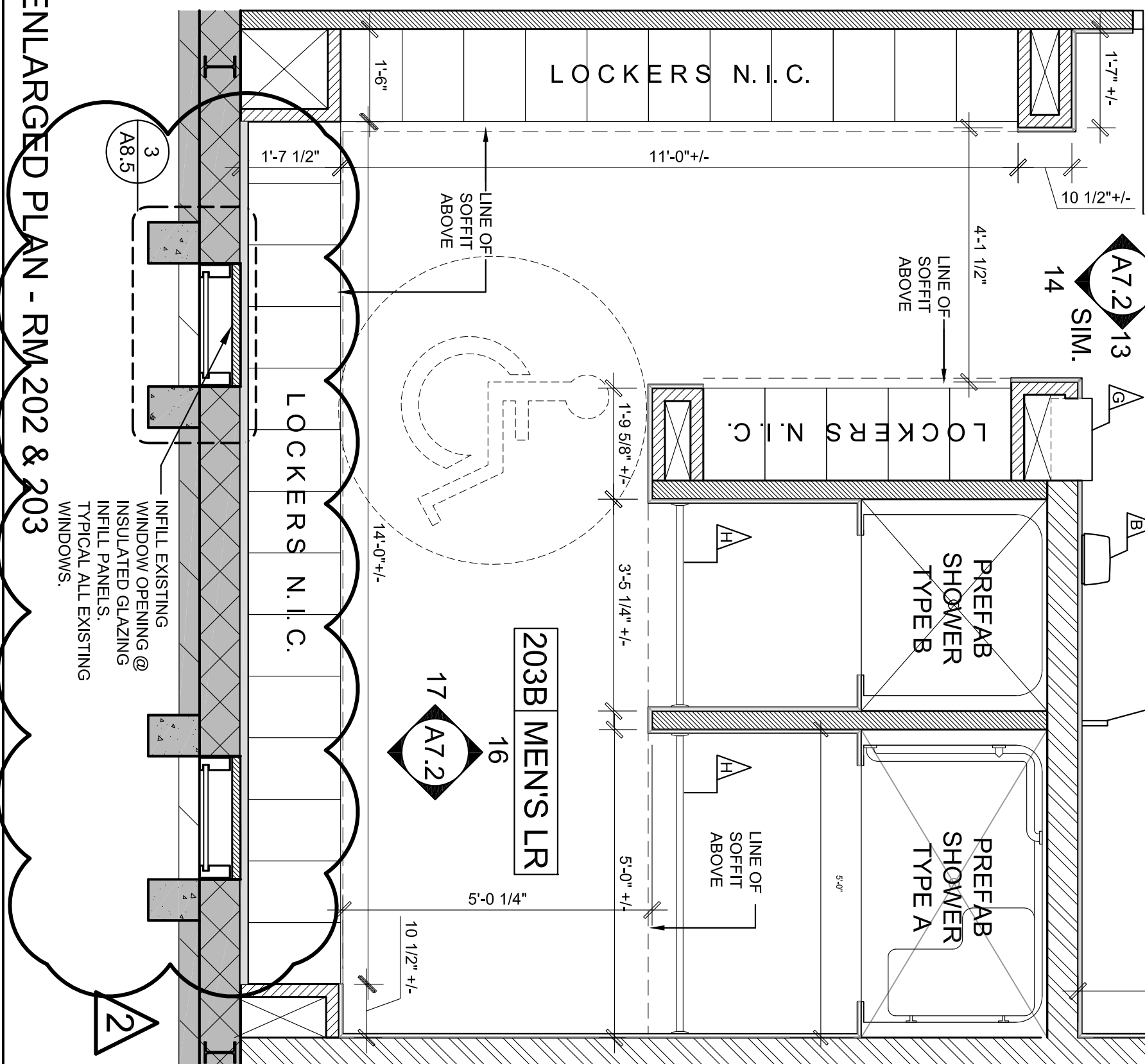
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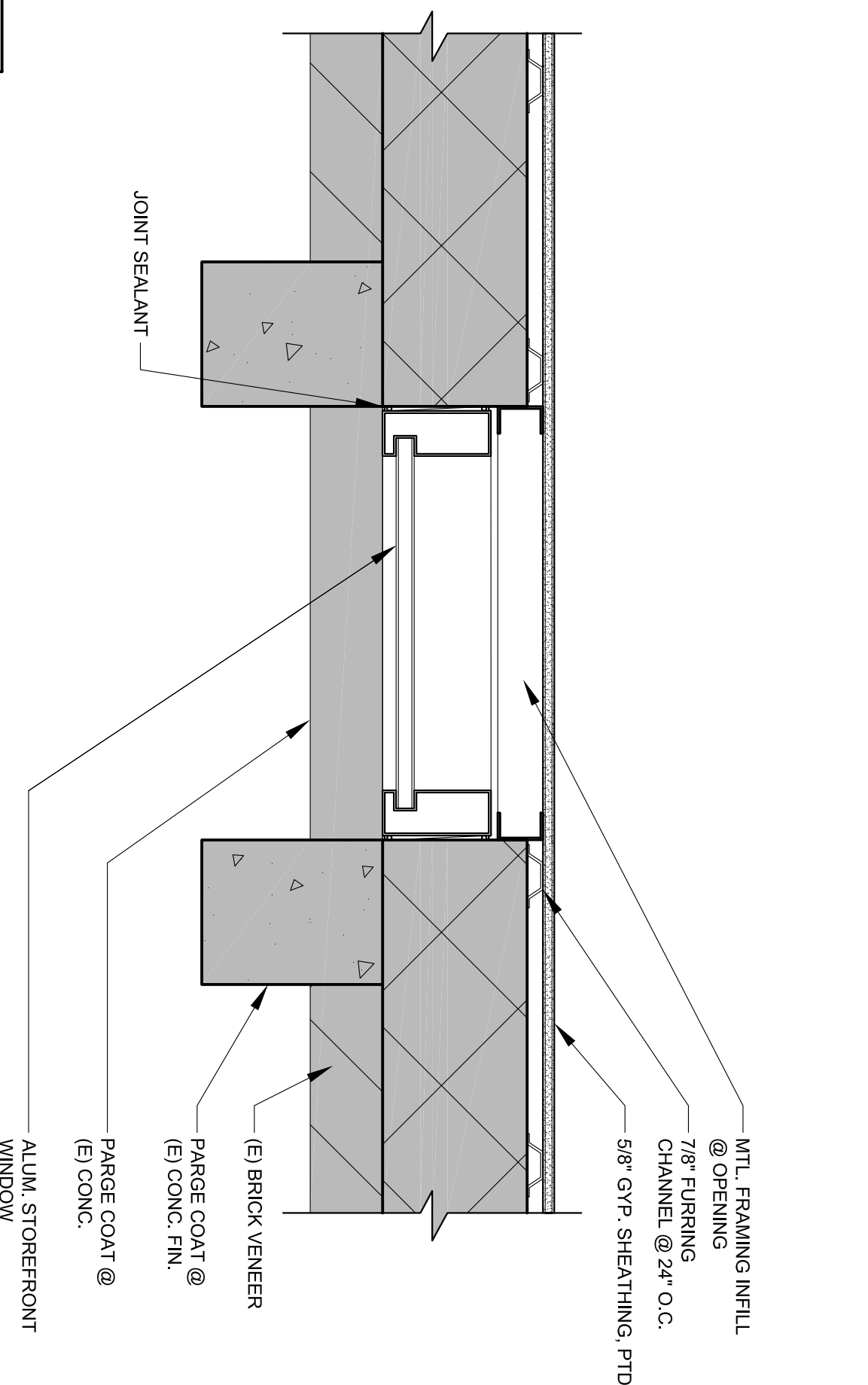
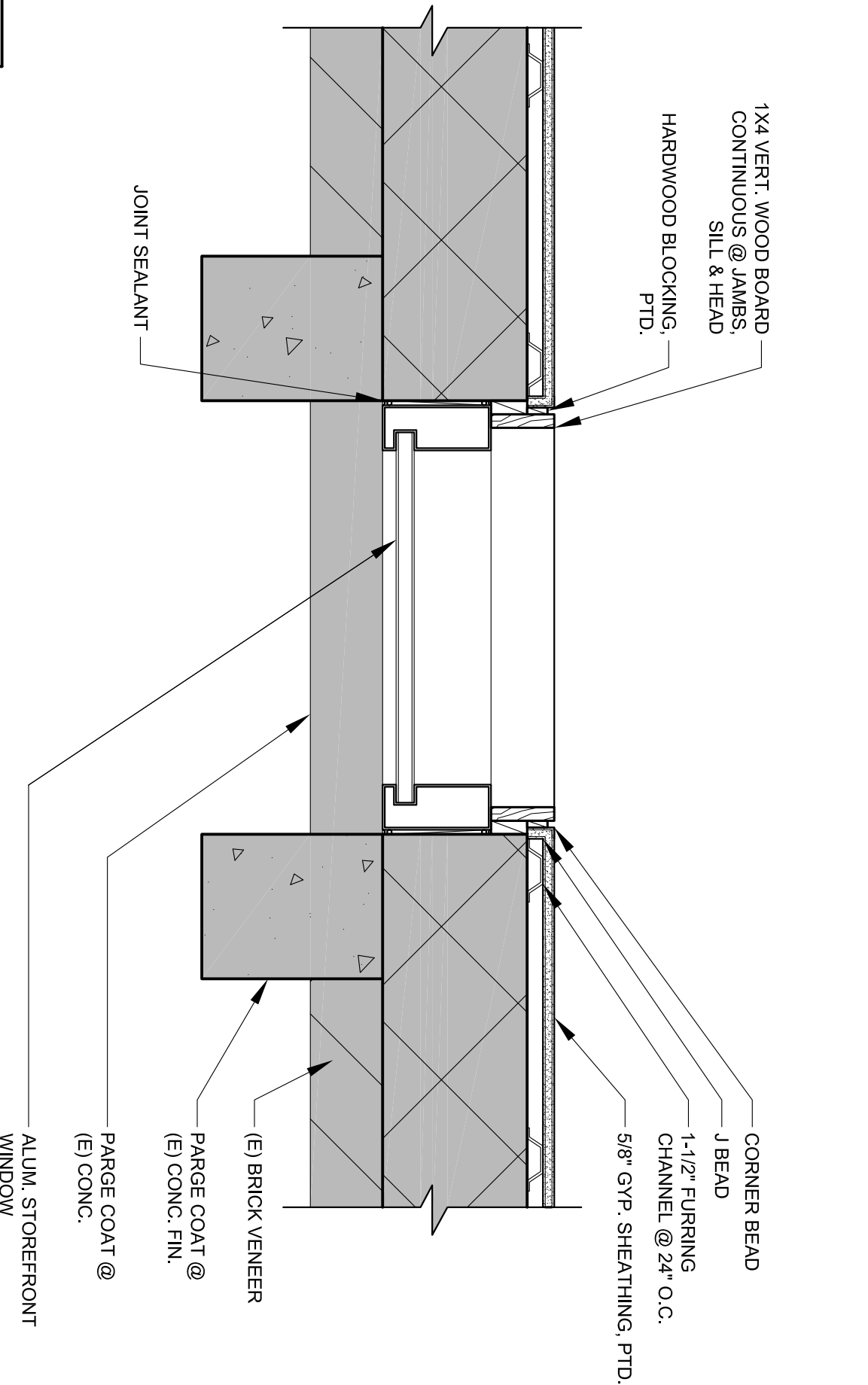
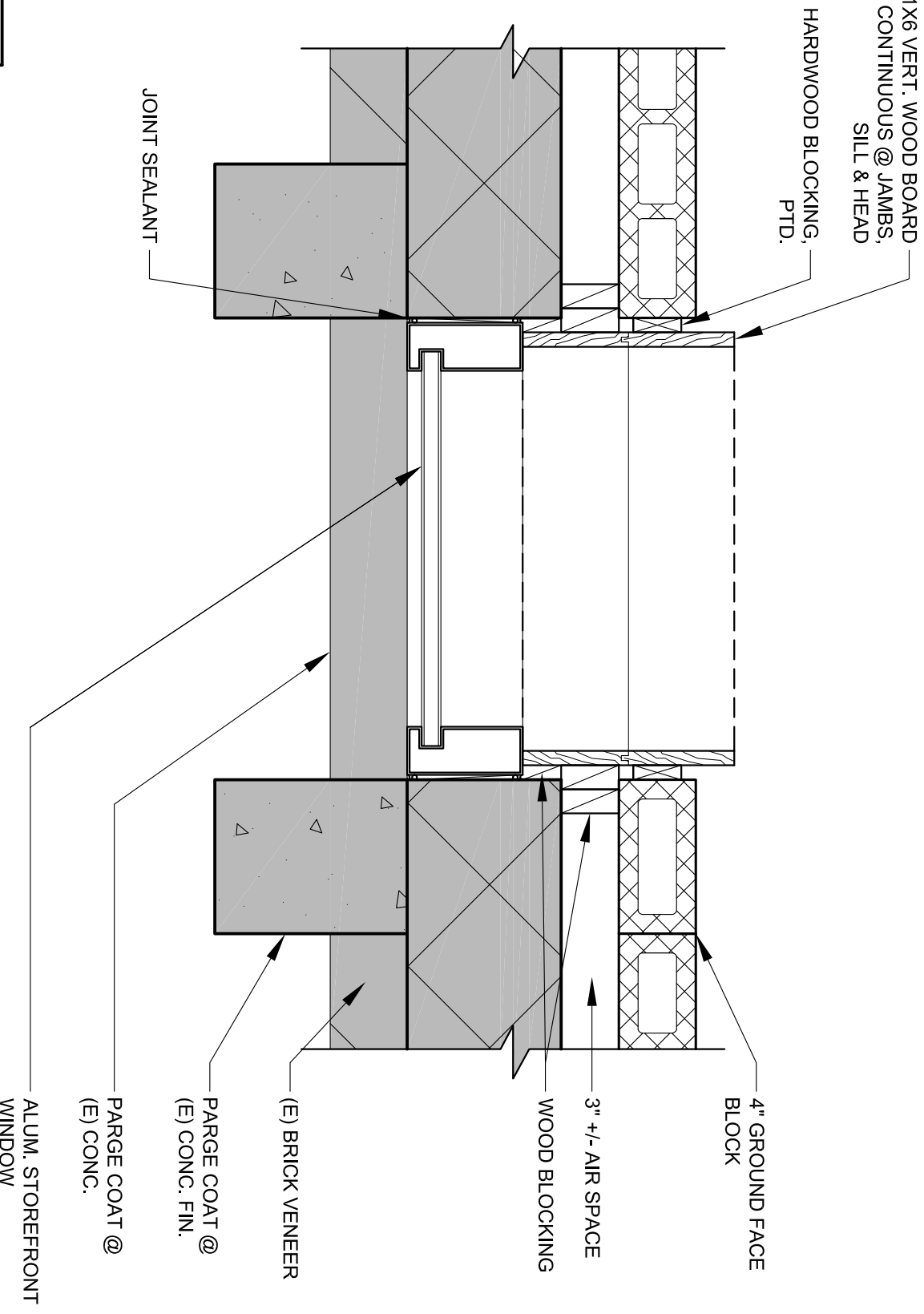
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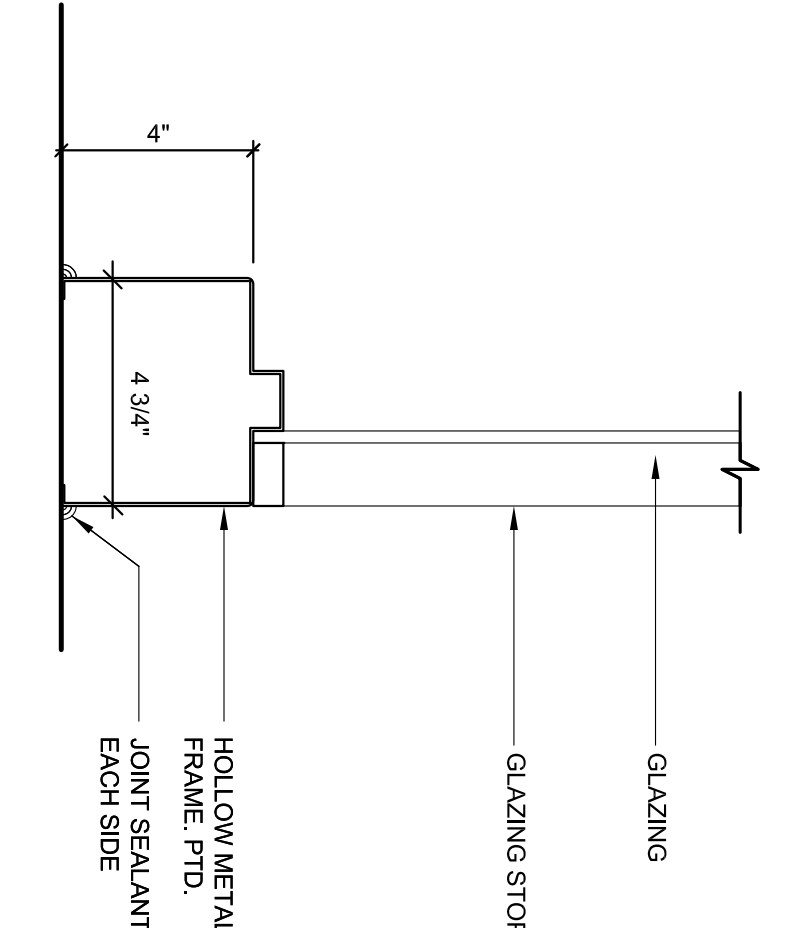
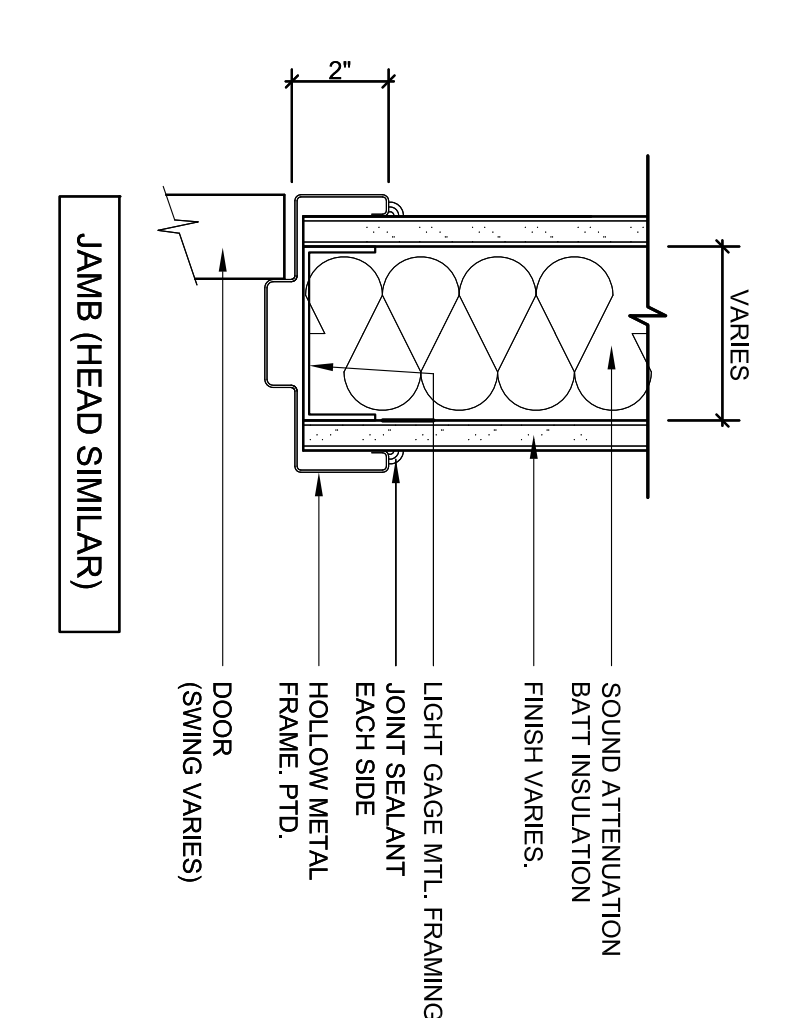
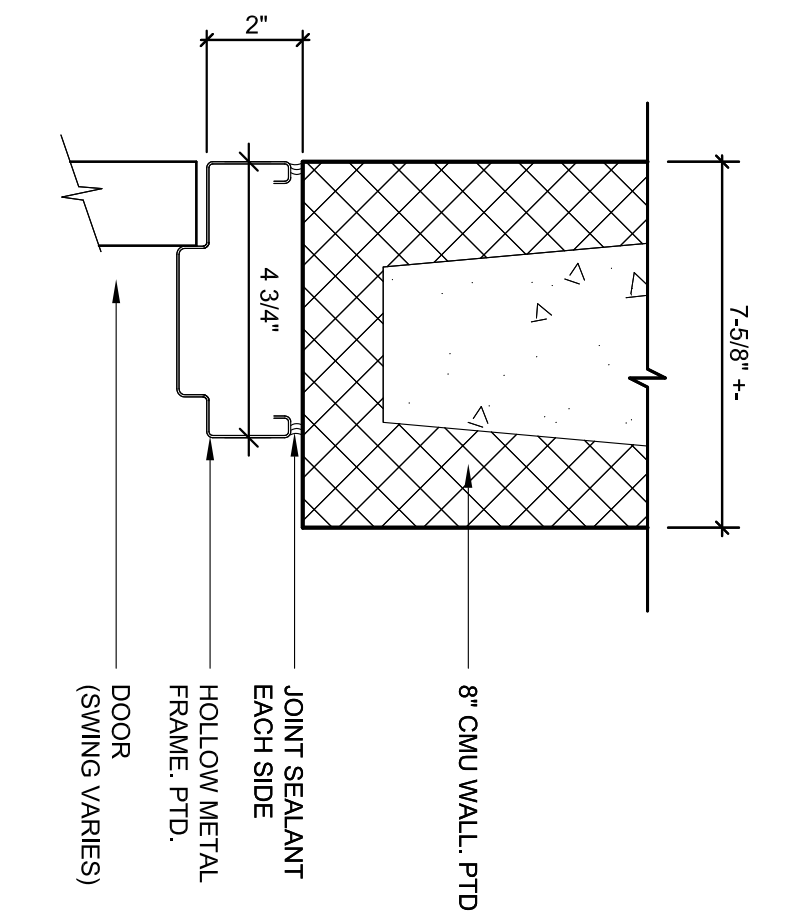
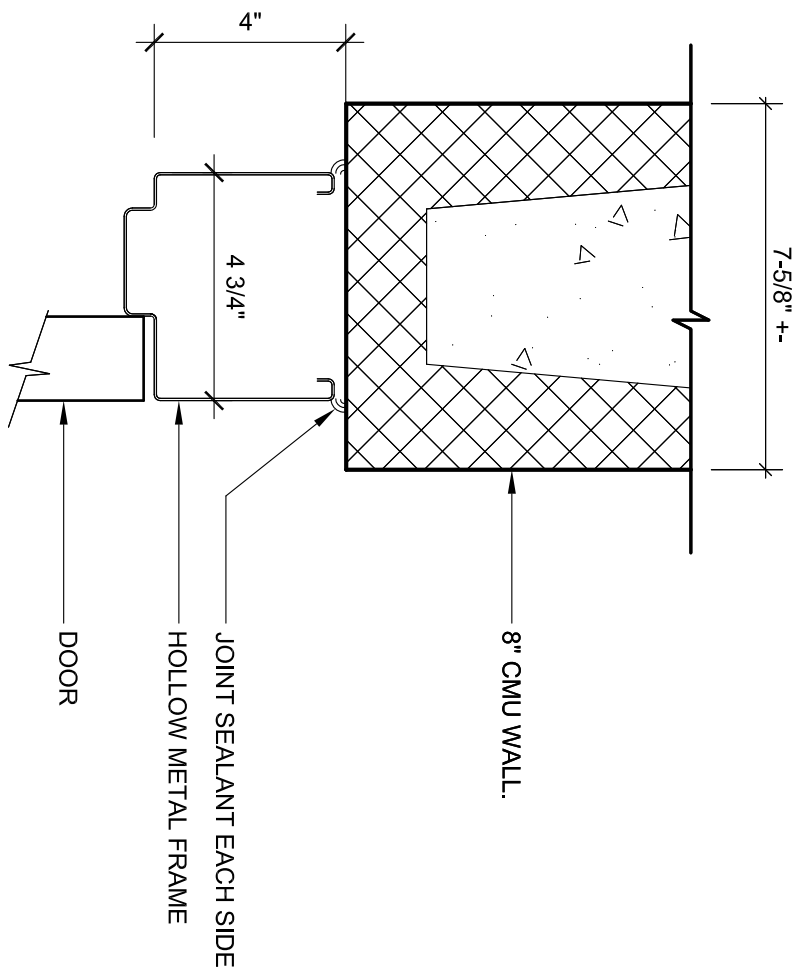
CITY OF GREENWOOD
GREENWOOD, MS



1 PLAN DETAIL @ CMU WALL
scale: 1 1/2" = 1' - 0"

2 PLAN DETAIL @ GWB WALL
scale: 1 1/2" = 1' - 0"

3 PLAN DETAIL @ CMU INFILL WALL
scale: 1 1/2" = 1' - 0"

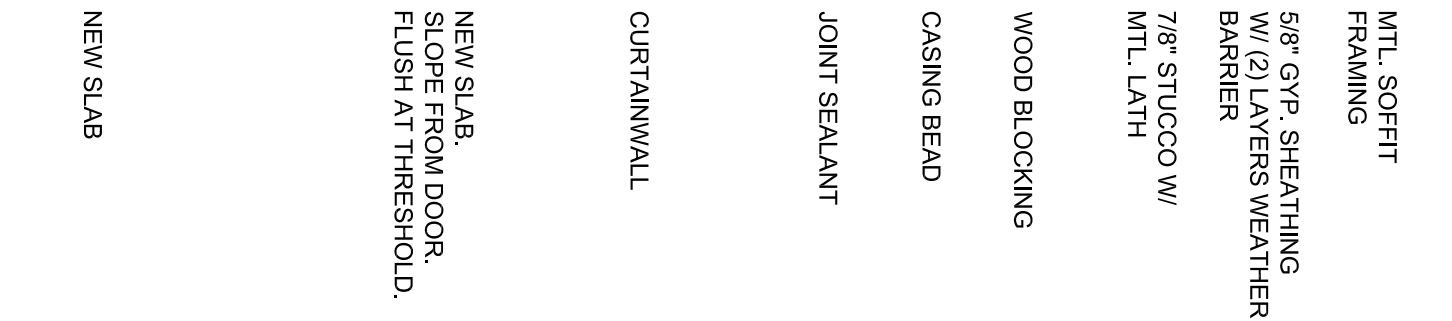
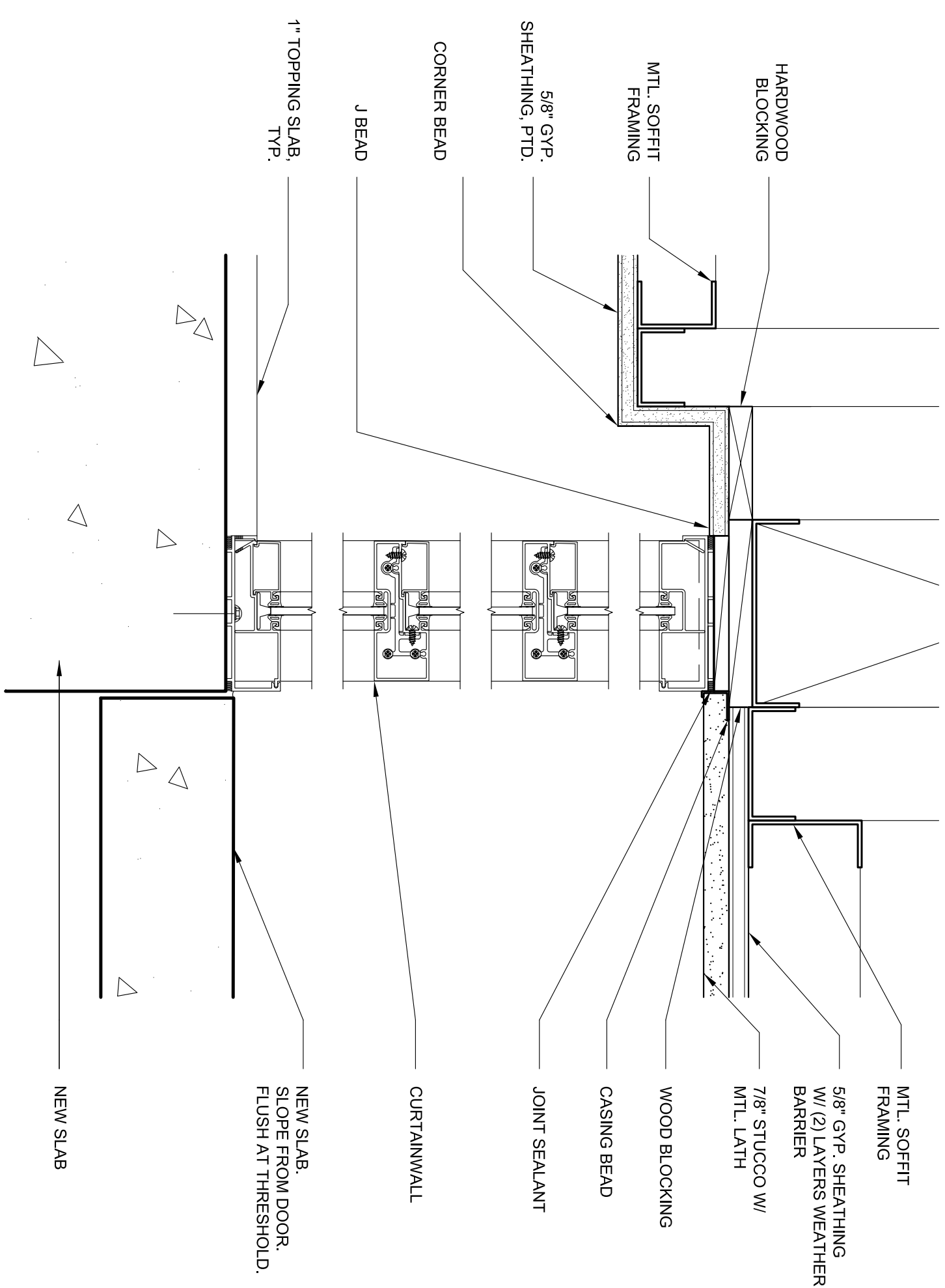


4 HEAD DETAIL - DOOR FRAME
scale: 3" = 1' - 0"

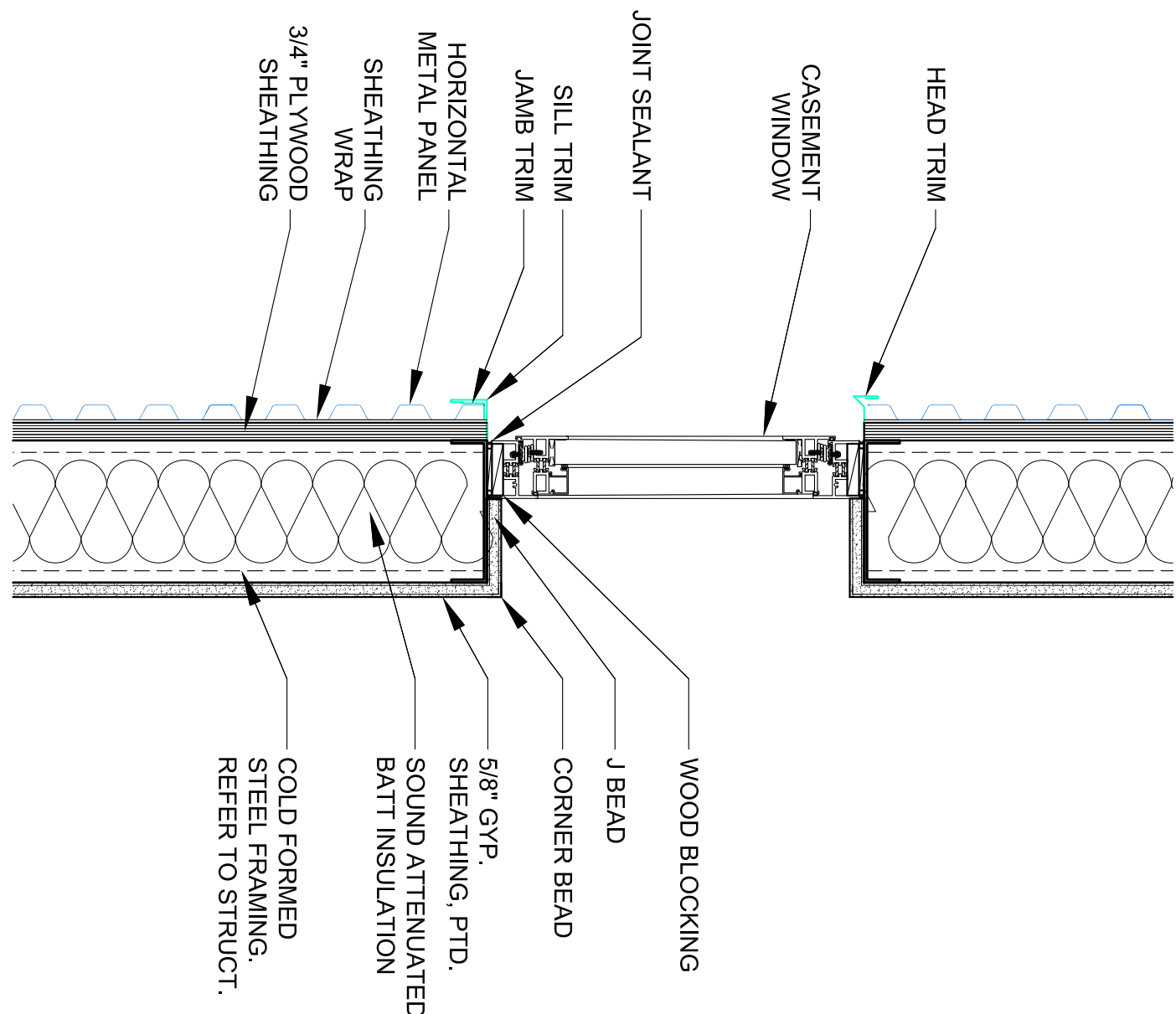
5 JAMB DETAIL - DOOR FRAME
scale: 3" = 1' - 0"

6 DETAIL - DOOR FRAME
scale: 3" = 1' - 0"

7 BASE DETAIL - DOOR FRAME
scale: 3" = 1' - 0"



9 CURTAINWALL DETAIL
scale: 3" = 1' - 0"



8 WINDOW DETAIL @ ADDITION
scale: 3" = 1' - 0"