



BLACK RIVER TECHNICAL COLLEGE

OLD WELDING SHOP RENOVATIONS

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Revisions:

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Pocahontas, Arkansas



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Sheet Name:
COVER SHEET

Project No: 2503 Date: 06/12/2025

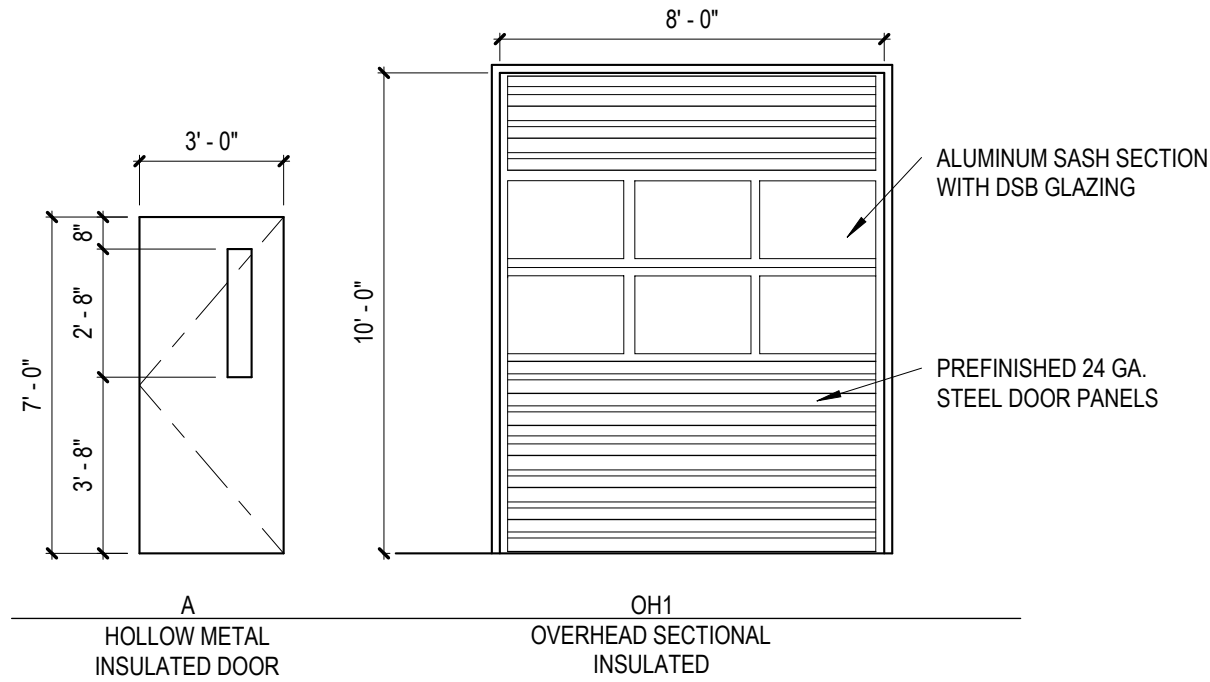
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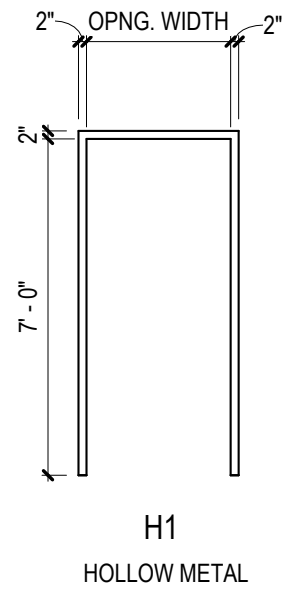


A001

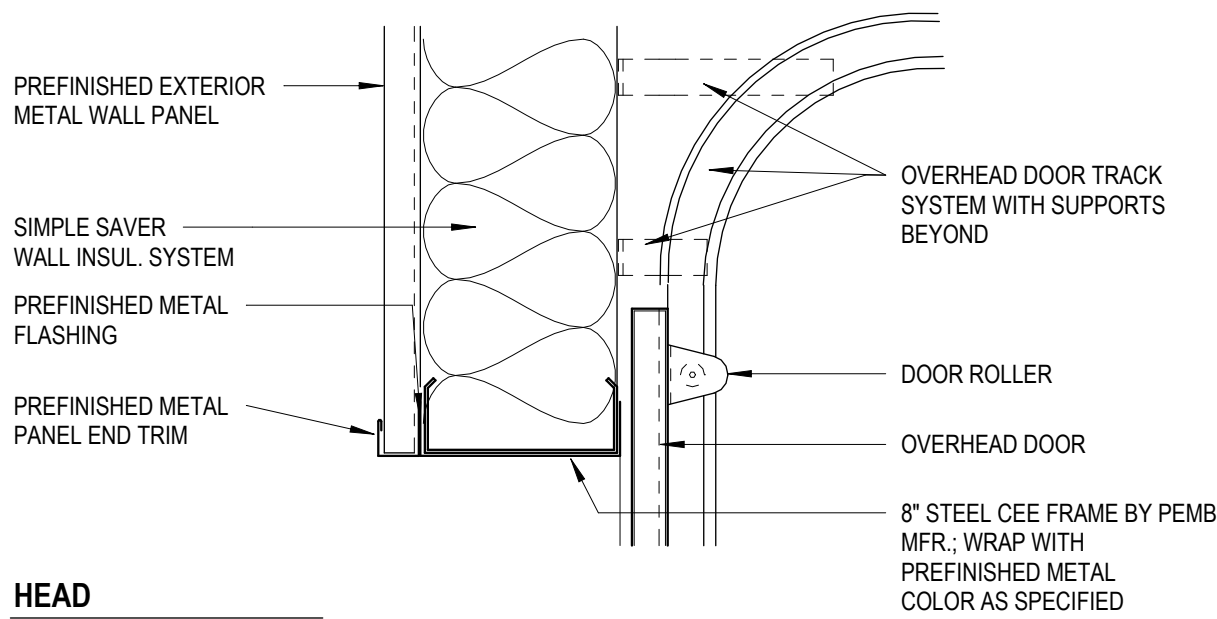
DOOR ELEVATIONS



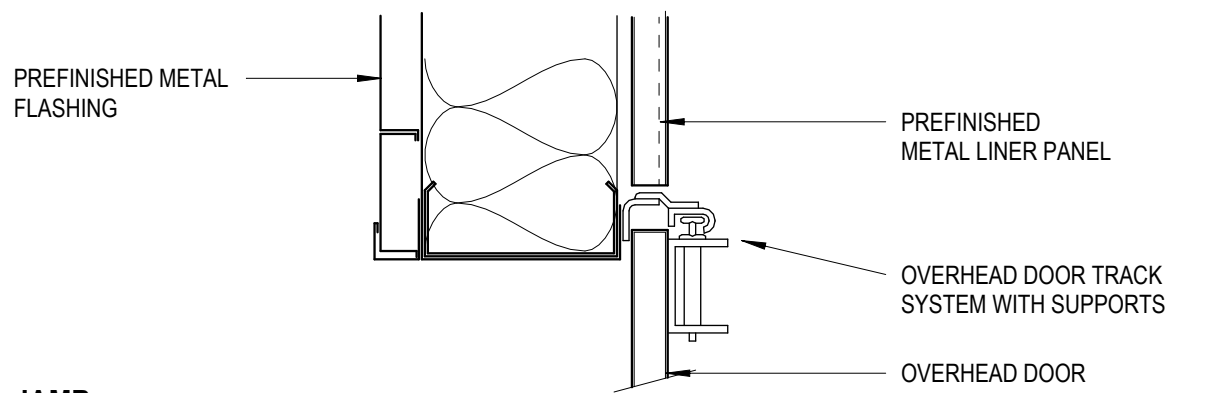
H. M. FRAME ELEVATIONS



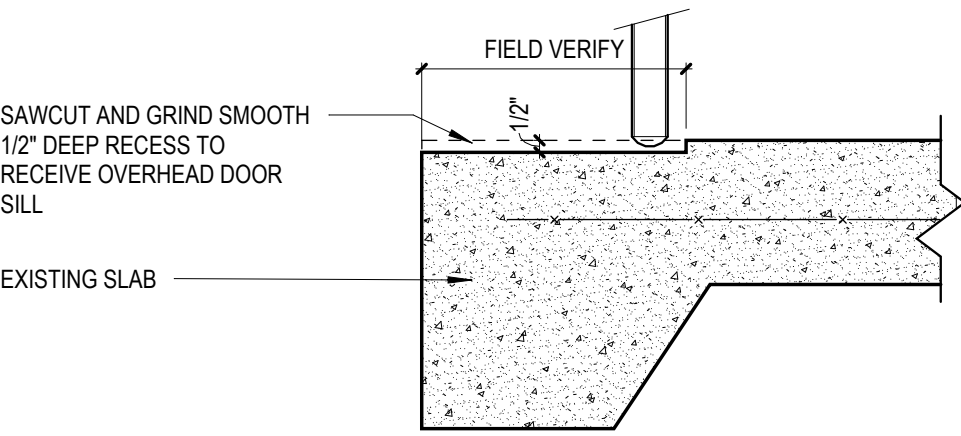
4 DOOR / FRAME ELEVATIONS
1/4" = 1'-0"



HEAD

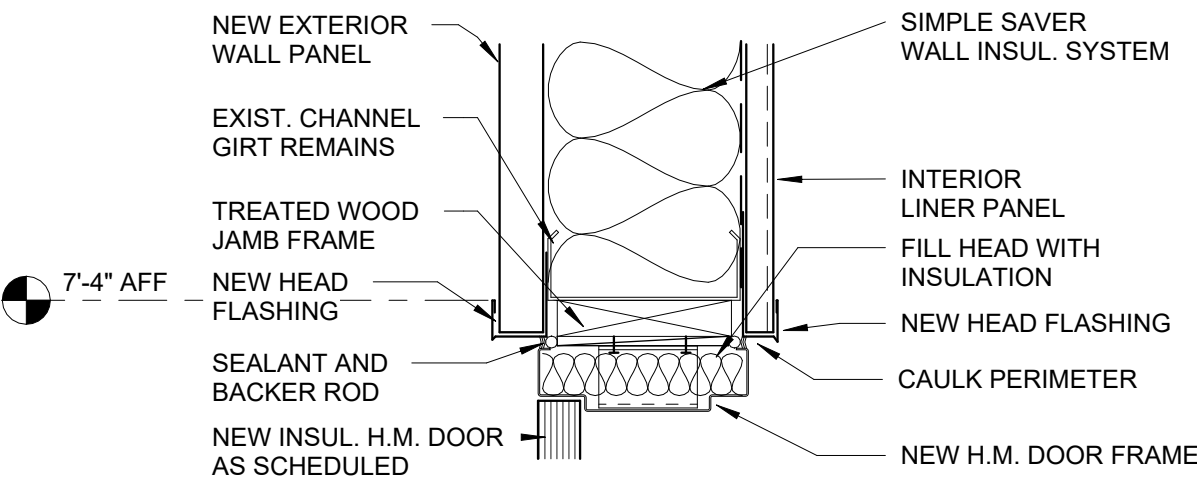


JAMB

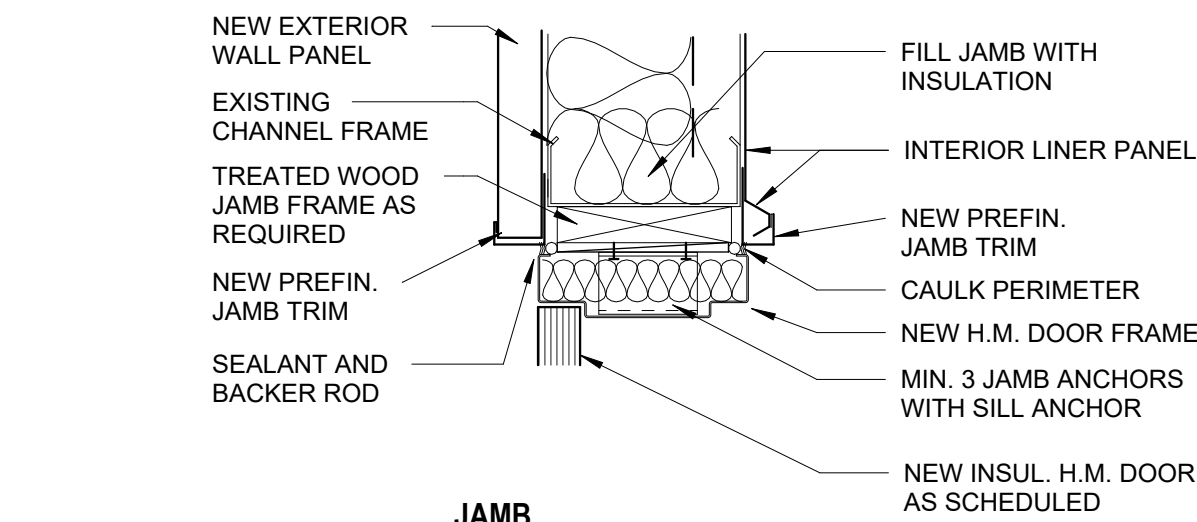


SILL

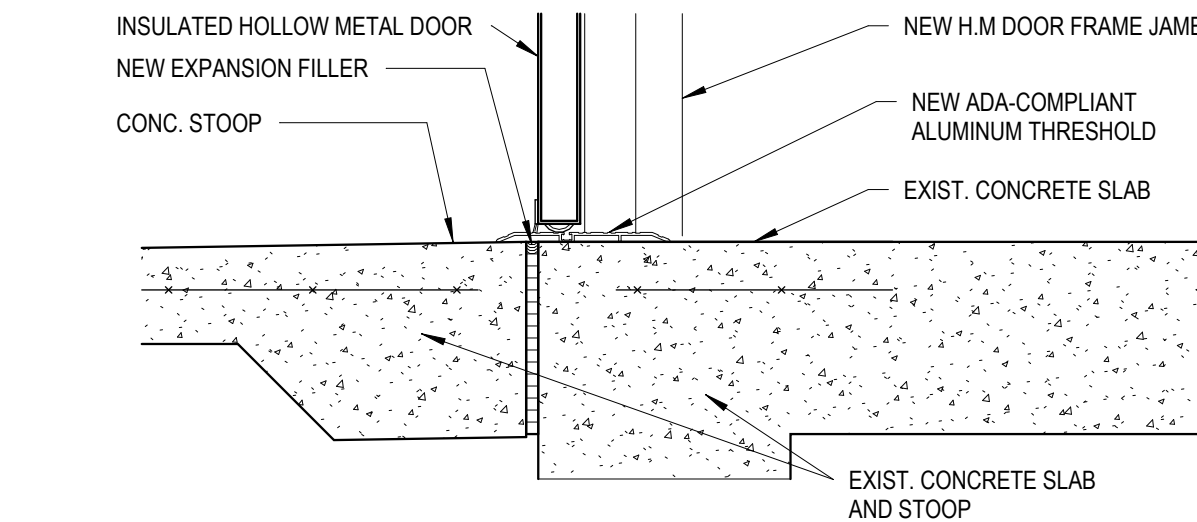
5 SECTION DETAIL AT O.H. DOOR
1 1/2" = 1'-0"



HEAD



JAMB



SILL

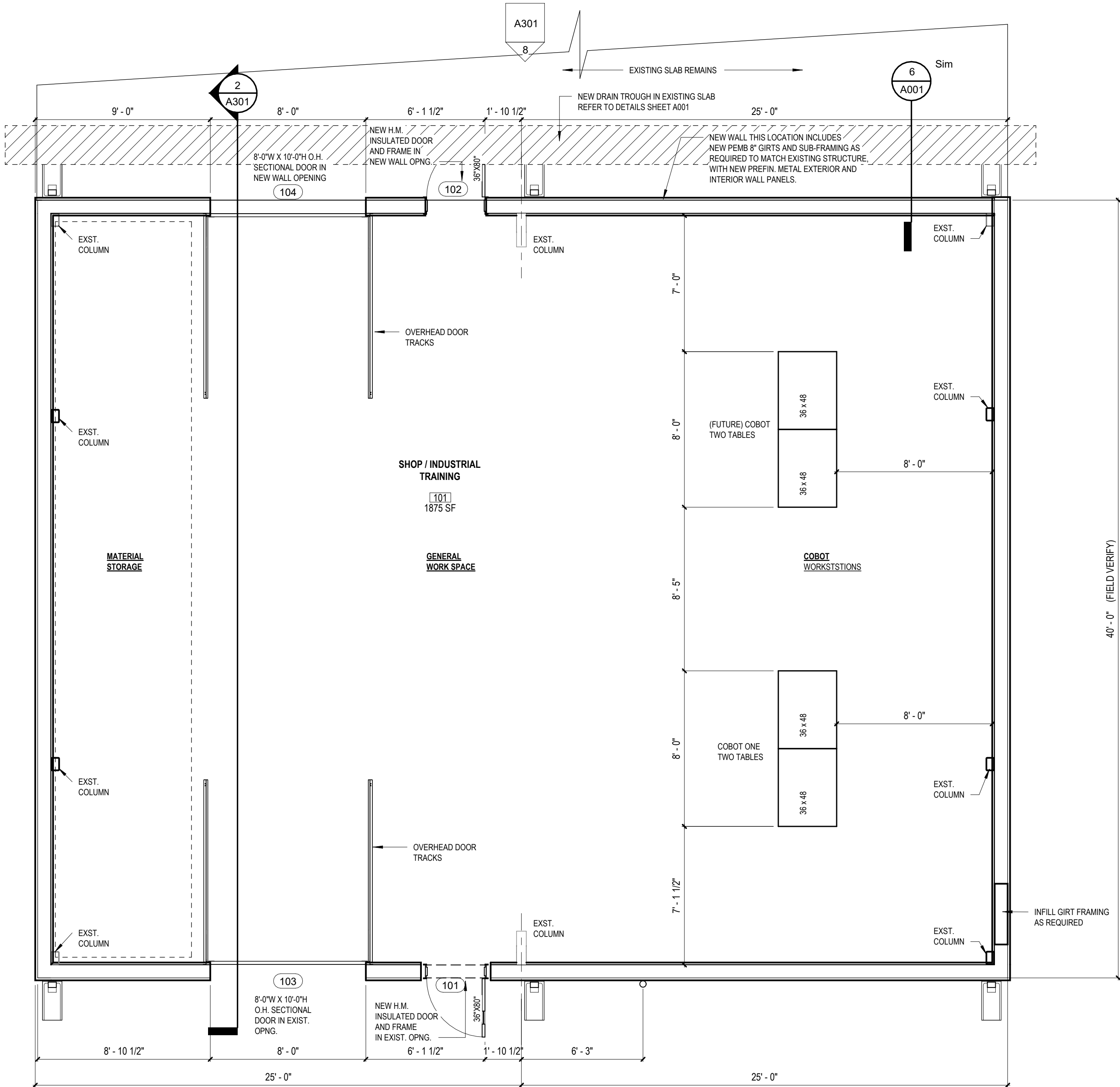
3 D.F. H.M. - EXT - HEAD / JAMB / SILL
1 1/2" = 1'-0"

DOOR SCHEDULE

MARK	DOOR SIZE	ELEV. MARK	DOOR TYPE	DOOR FINISH	GLAZING	FIRE RATING	FRAME TYPE	FRAME ELEV.	FRAME FINISH	HEAD DTL.	JAMB DTL.	SILL DTL.	COMMENTS
101	3'-0" X 6'8" X 1-3/4"	A	H.M.	PAINT	1/4 TEMP.	N/A	H.M.	H1	PAINT	3 / A101	3 / A101	3 / A101	
102	3'-0" X 6'8" X 1-3/4"	A	H.M.	PAINT	1/4 TEMP.	N/A	H.M.	H1	PAINT	3 / A101	3 / A101	3 / A101	
103	8' X 10'	OH1	SECTIONAL O.H.	PRE-FINISHED	DKB	N/A	H.M.			5 / A101	5 / A101		
104	8' X 10'	OH1	SECTIONAL O.H.	PRE-FINISHED	DKB	N/A	H.M.			5 / A101	5 / A101		

ROOM FINISH SCHEDULE

NUMBER	ROOM NAME	FLOOR FINISH	BASE FINISH	WALL FINISH	CEILING FINISH	COMMENTS
101	SHOP / INDUSTRIAL TRAINING	CLEAR SEALER	NONE	PRE-FIN. MTL PNL / PAINT STRUCTURE BLACK	PAINT EXPOSED STRUCTURE BLACK	GRIND AND CLEAN EXIST. FLOOR SLAB PRIOR TO INSTALLING NEW SEALER.



NORTH

1 FLOOR PLAN MODIFIED
1/4" = 1'-0"

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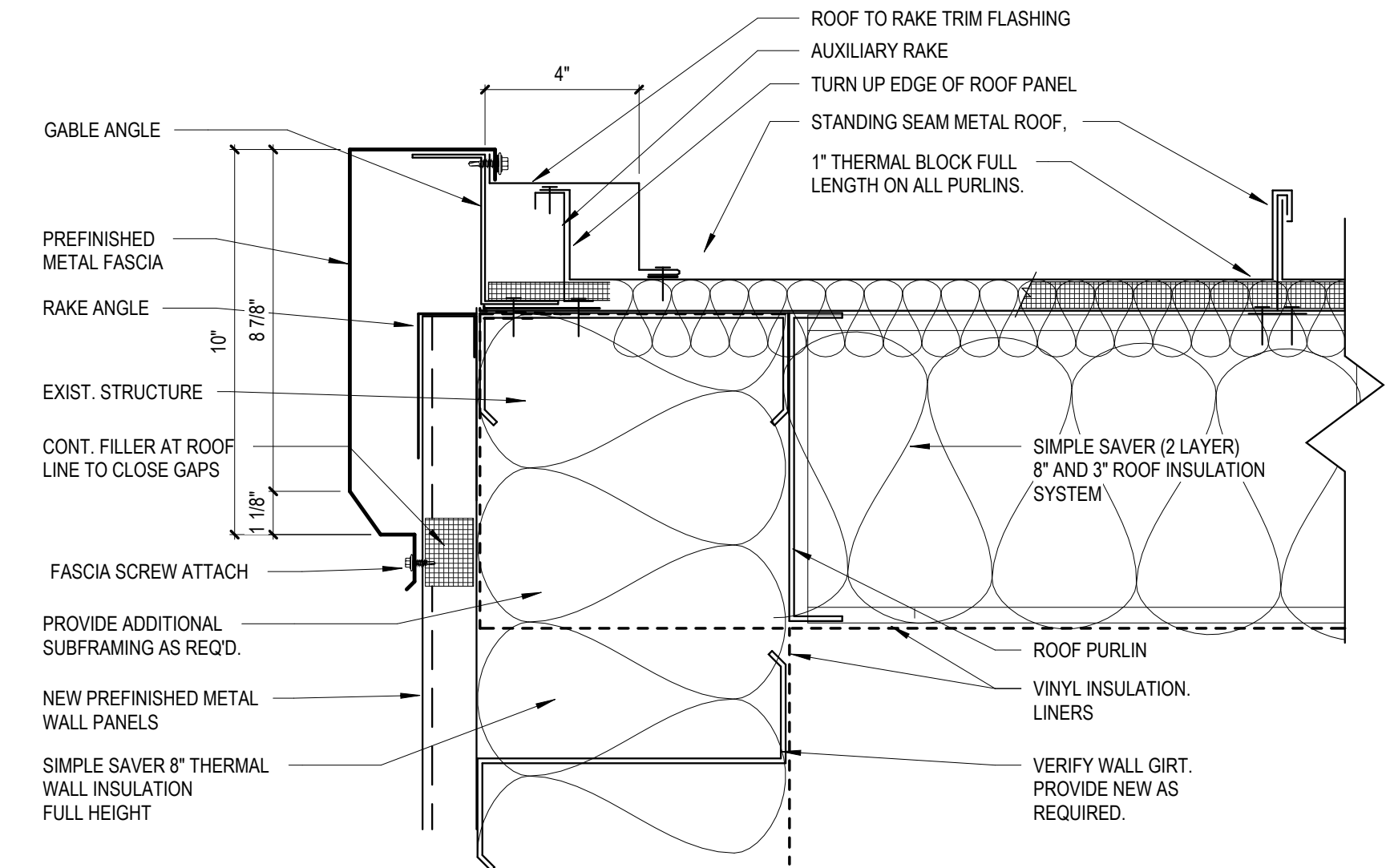
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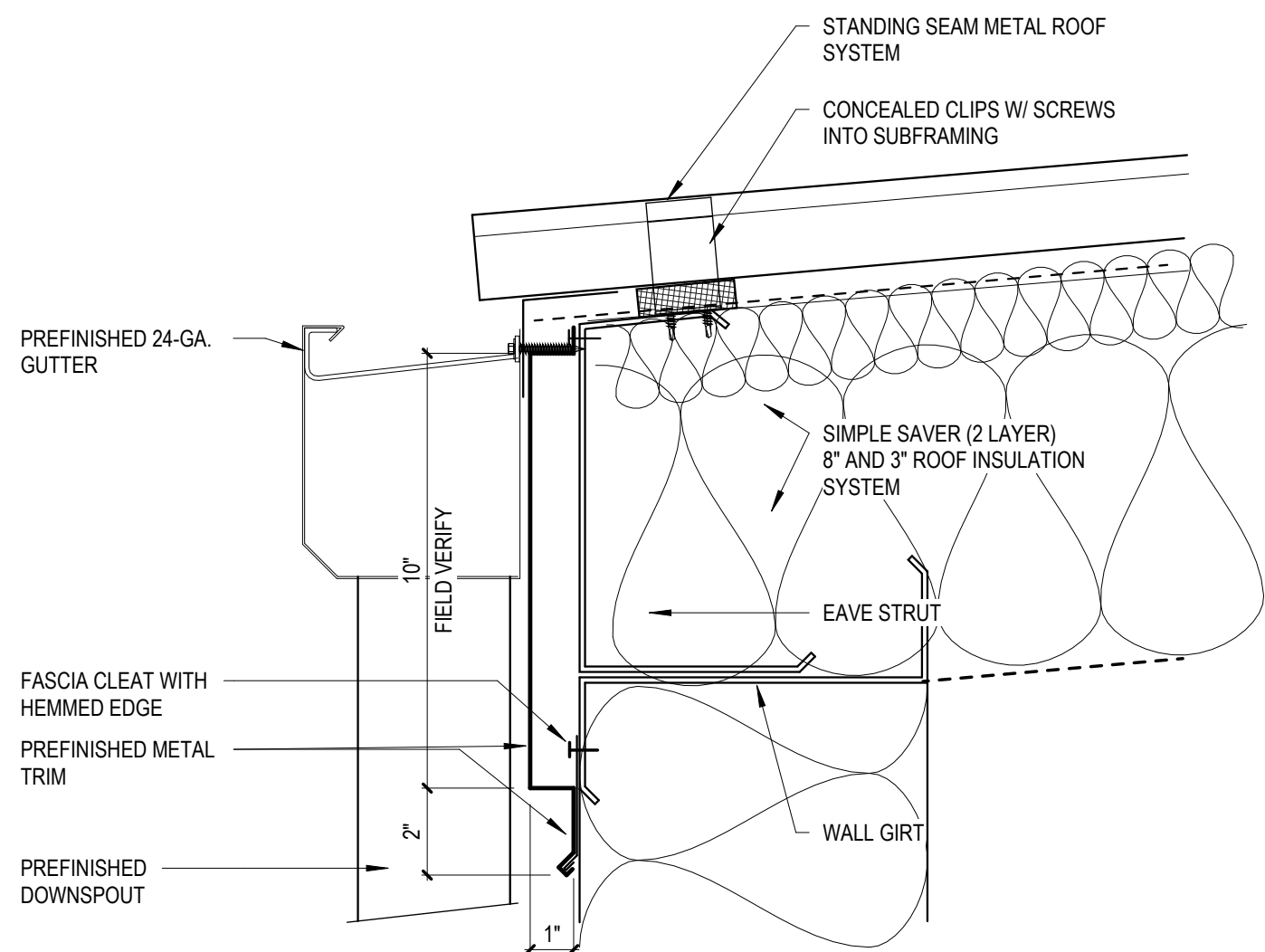


Sheet Name:
FLOOR PLAN MODIFIED
Project No:
2503
Date:
06/12/2025
Sheet No:

A101



12 RAKE EDGE DETAIL
3" = 1'-0"



8 EAVE AT GUTTER DETAIL
3" = 1'-0"

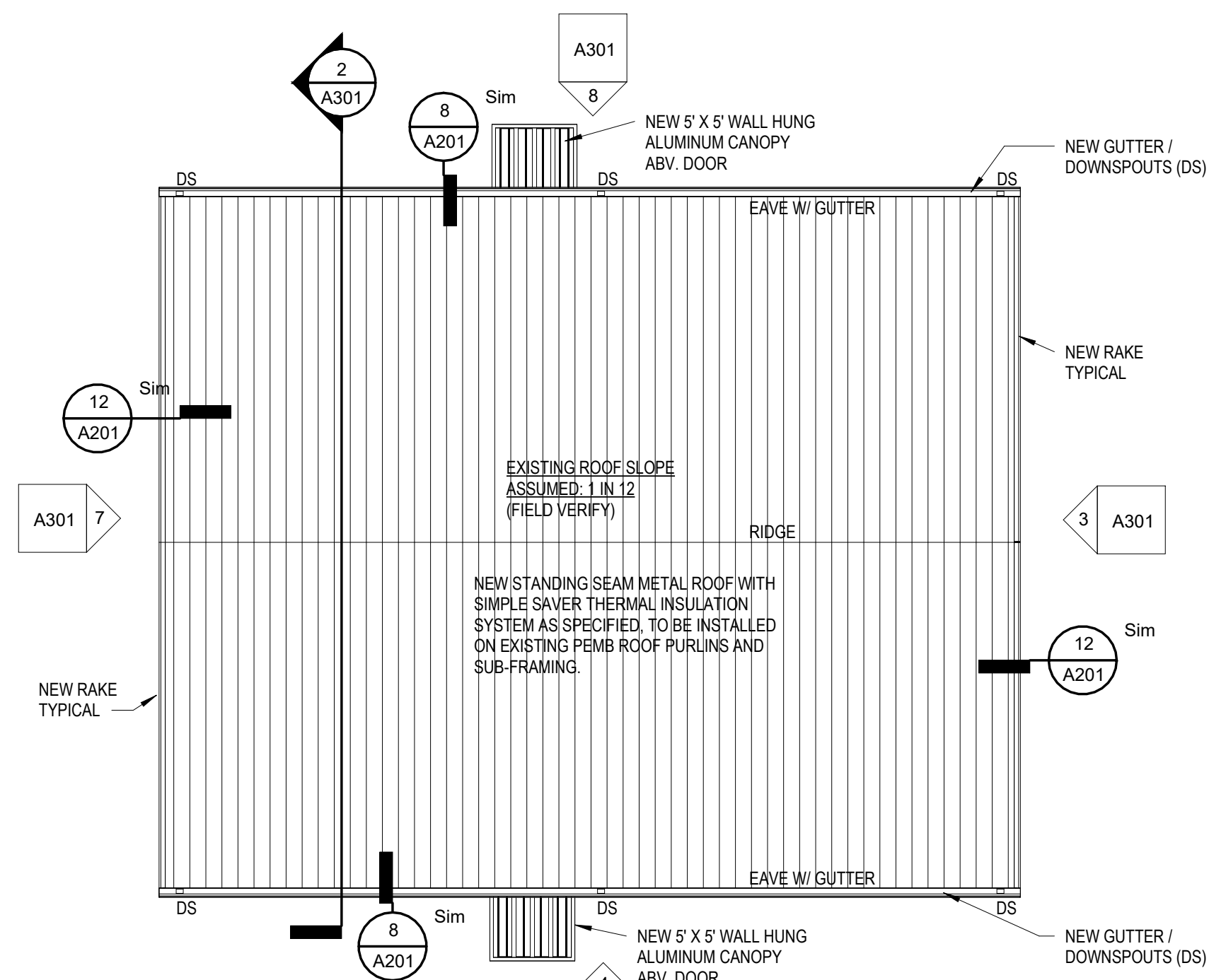
GENERAL NOTES

- CONTRACTOR RESPONSIBLE FOR DOCUMENTING EXISTING CONDITIONS OF SITE AND FACILITIES WHERE EQUIPMENT, MATERIALS, AND LABOR FORCES WILL BE STAGED. DAMAGES TO THE SITE OR FACILITIES THAT OCCUR DURING CONSTRUCTION ARE THE CONTRACTOR'S RESPONSIBILITY TO CORRECT.
- CLEAN AND PREPARE EXISTING PEMB SUB-FRAMING FOR NEW ROOFING INSTALLATION AS REQUIRED BY ROOFING SYSTEM MANUFACTURER TO ACHIEVE ALL WARRANTIES.
- CONTRACTOR SHALL NOTIFY ARCHITECT IMMEDIATELY IF EXISTING ROOF DECK, SUBSTRATE, AND / OR EQUIPMENT IS DISCOVERED TO BE INADEQUATE OR DAMAGED AND THEREFORE NOT RECOMMENDED FOR REUSE OR REINSTALLATION ON FINISHED SYSTEM.
- RE-ROUTE, AND EXTEND IF REQUIRED, UTILITY CONNECTIONS TO EQUIPMENT AS REQUIRED. EXTEND PIPES AND CURBS UP AS NEEDED TO OBTAIN PROPER FLASHING HEIGHT. MODIFY THRU-WALL DUCTWORK AS REQUIRED FOR PROPER FLASHING AT WALLS.
- PROVIDE "CRICKETS" AS REQUIRED TO ACHIEVE WARRANTY FOR POSITIVE DRAINAGE AT ALL ROOF PENETRATIONS AND CURB LOCATIONS.

SCOPE OF WORK

(REFER TO SPECIFICATION SECTION 07 5410 - TPO RETROFIT ROOFING SYSTEM)

- REMOVE EXISTING ROOF SYSTEM COMPLETELY, BACK TO EXISTING RED IRON PURLINS AND SUBFRAMING.
- CLEAN ALL EXISTING PEMB FRAMING / SUBFRAMING FREE OF ALL DIRT, GRIME, RUST, INSULATION AND DEBRIS, AND PREP FOR NEW PRIMER AND PAINT FINISH.
- FURNISH AND INSTALL NEW SIMPLE SAVER INSULATION SYSTEM AS SPECIFIED FOR WALLS AND ROOF. FIELD VERIFY ALL ROOF AREAS.
- FURNISH AND INSTALL NEW STANDING SEAM METAL ROOF SYSTEM AS SPECIFIED AND TO MEET SPECIFIED WARRANTY REQUIREMENTS.
- ATTACH ROOFING SYSTEM TO THE EXISTING STRUCTURE PER MANUFACTURERS SPECIFICATIONS, TO MEET APPROPRIATE UPLIFT RATINGS, AND WARRANTY REQUIREMENTS.
- FABRICATE AND INSTALL NEW CONTINUOUS ROOF EDGE METAL, BROKEN TO SHAPE AS REQUIRED FOR SUPPORT OF NEW METAL RAKES AND EAVE / GUTTER SYSTEMS.
- PROPER LENGTH FASTENERS ARE REQUIRED TO ATTACH THE NEW ROOFING THROUGH THE EXISTING METAL, AND PENETRATE THE EXISTING EDGE STEEL TO A DEPTH AS REQUIRED FOR ROOF MANUF. WARRANTY
- FLASH ALL ROOF TOP PENETRATIONS AS PER MANUFACTURER'S REQUIREMENTS.
- FABRICATE AND INSTALL PREFINISHED CERTIFIED EDGE METAL, RAKES, GUTTERS, AND DOWNSPOUTS AS NEEDED FOR COMPLETE WARRANTIED ROOF SYSTEM.
- CLEAN UP ALL JOB-RELATED DEBRIS IN A TIMELY MANNER TO KEEP PROJECT SITE CLEAN AND ORDERLY. DO NOT ALLOW MATERIAL WRAPPINGS AND STRAPS BE BE SCATTERED OVER OR OFF SITE.



1 ROOF PLAN
1/8" = 1'-0"

ROOF PENETRATIONS:
CONTRACTOR SHALL VERIFY ALL REQUIRED THRU-ROOF PENETRATIONS AND SHALL PROVIDE APPROPRIATE ROOF BOOTS AND FLASHINGS AS REQUIRED FOR COMPLETE WATERTIGHT WARRANTY.

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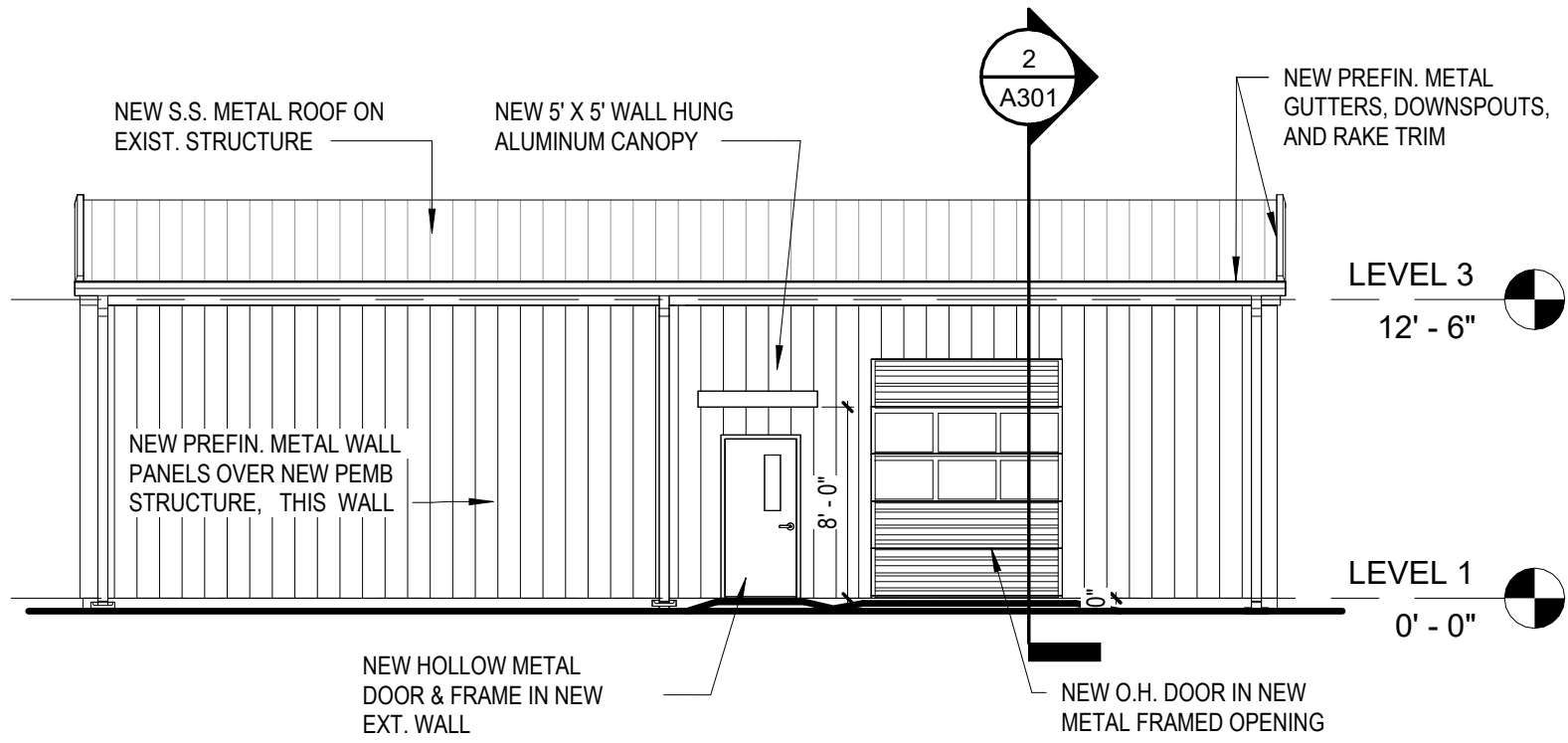


Sheet Name:
ROOF PLAN, NOTES, DETAILS

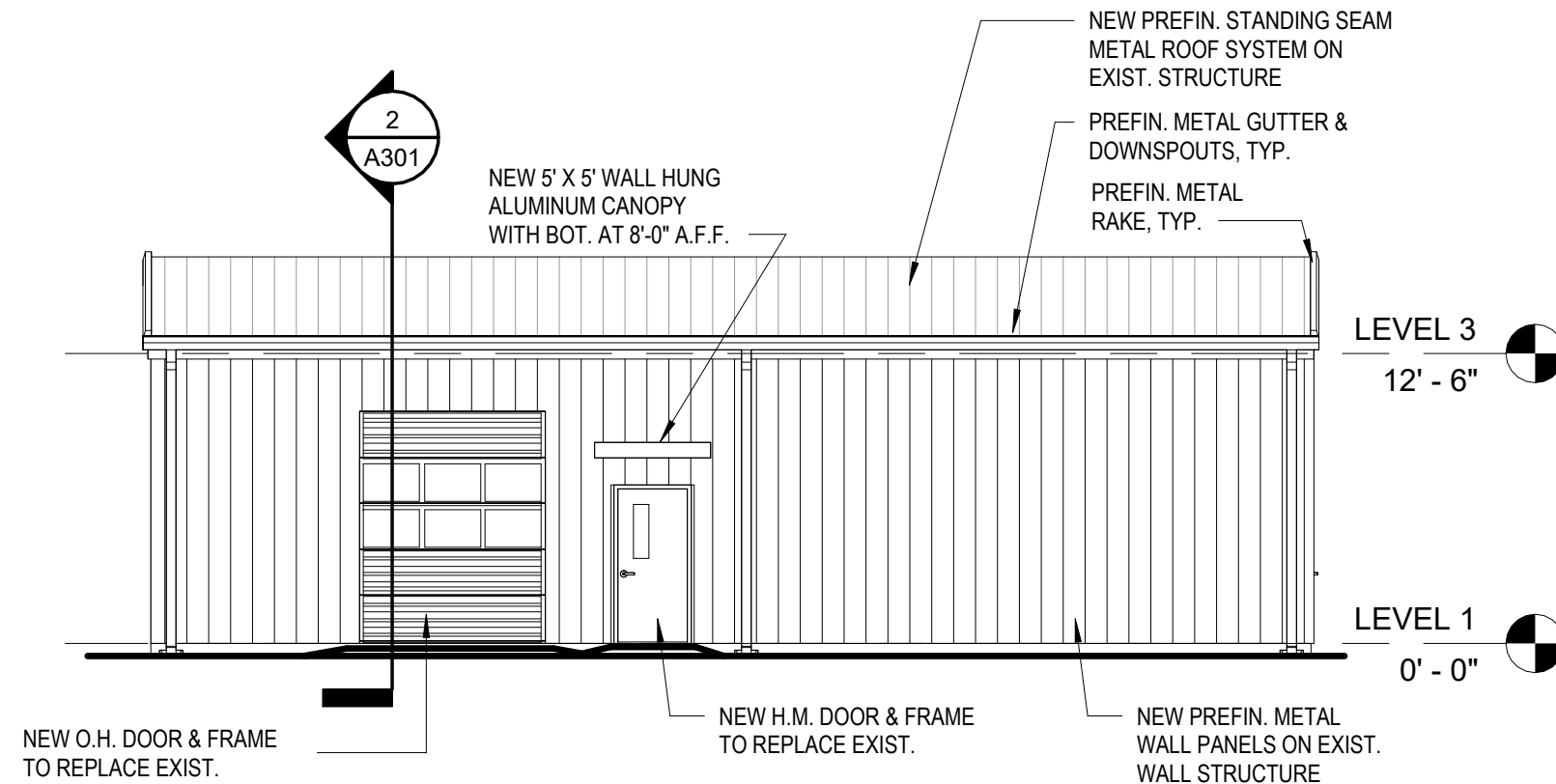
Project No: 2503 Date: 06/12/2025

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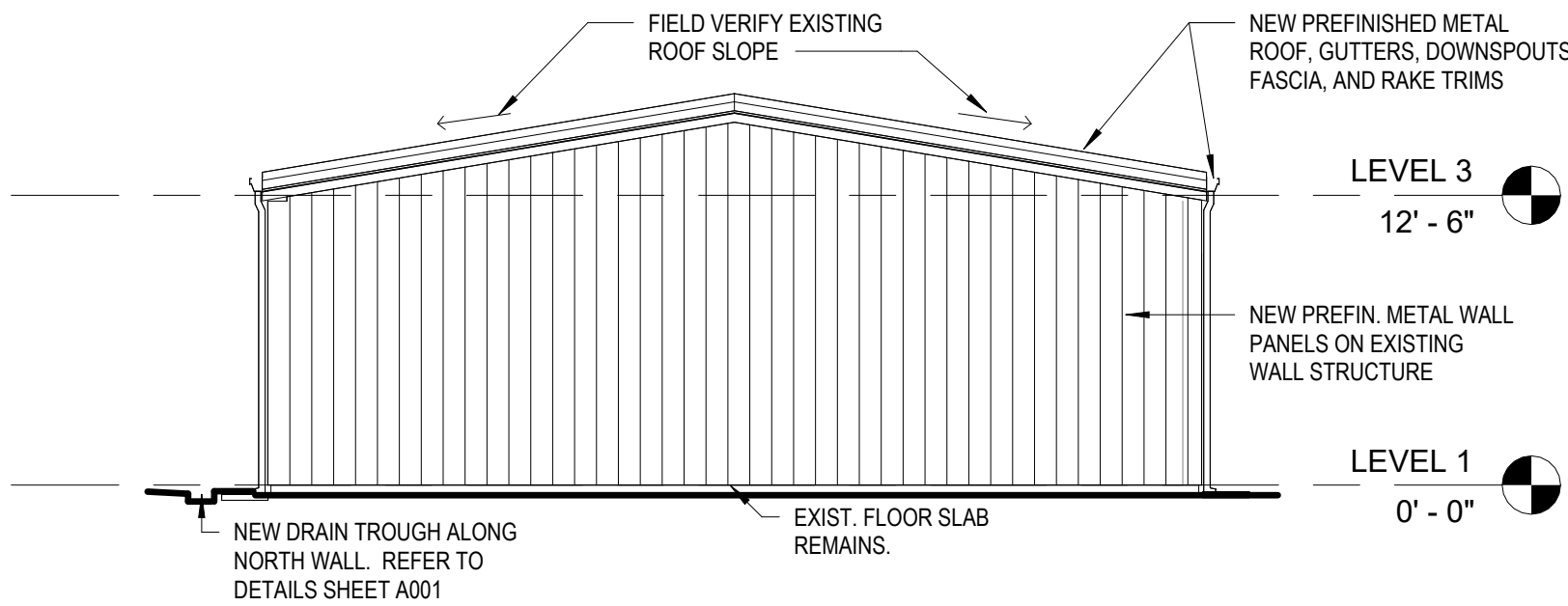
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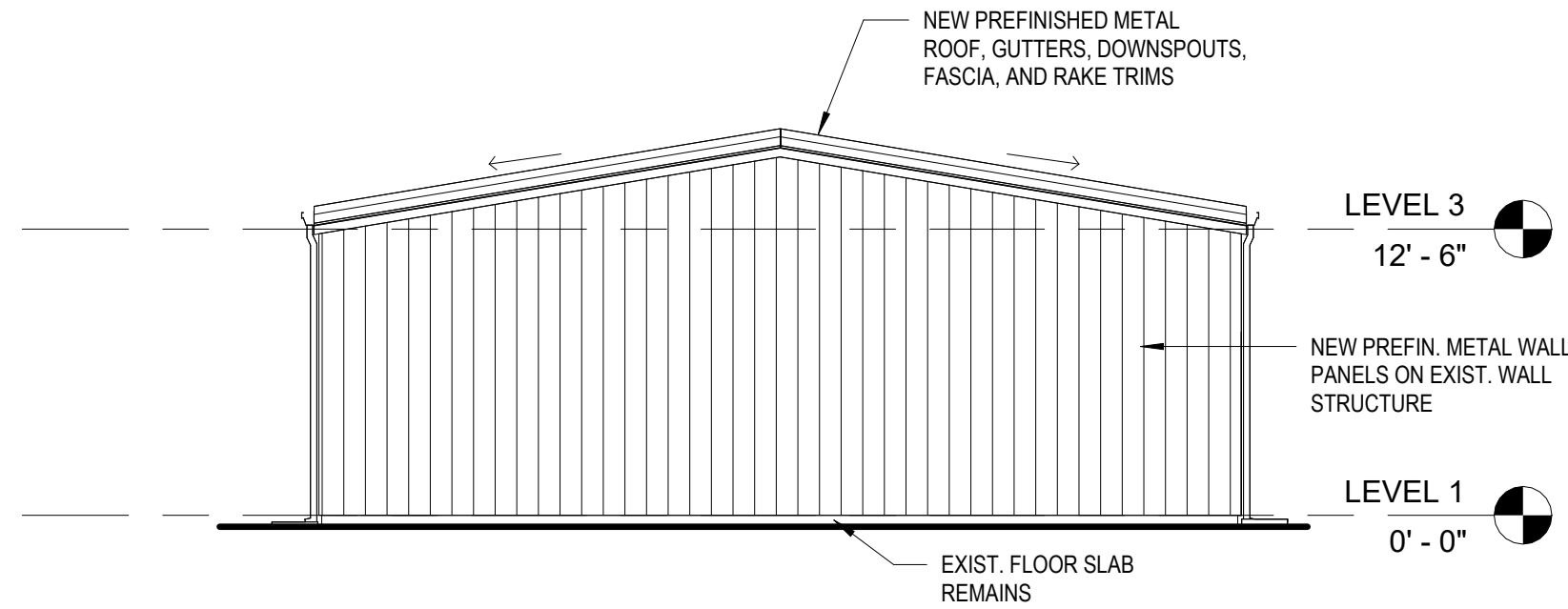
8 NORTH ELEVATION
1/8" = 1'-0"



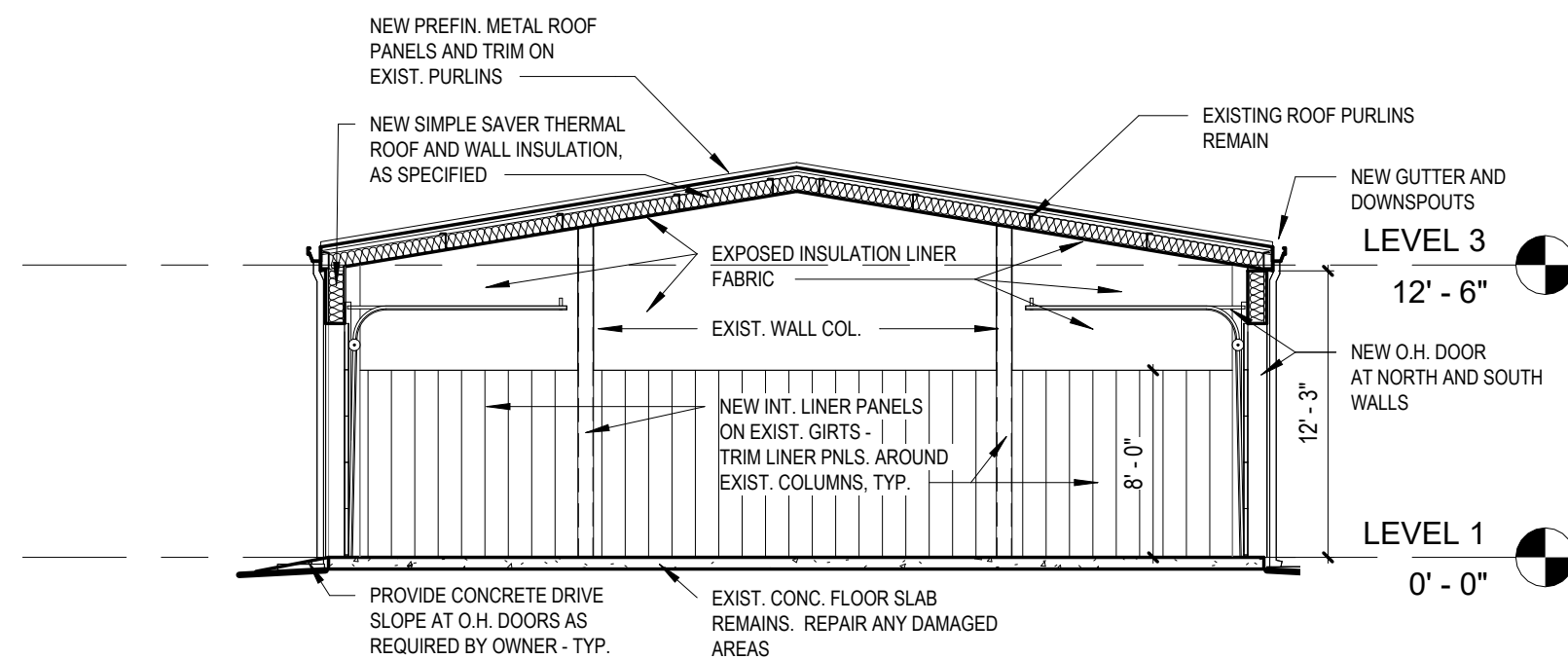
4 SOUTH ELEVATION
1/8" = 1'-0"



7 WEST ELEVATION
1/8" = 1'-0"



3 EAST ELEVATION
1/8" = 1'-0"



2 TYPICAL CROSS-SECTION
1/8" = 1'-0"

GENERAL WORK - NEW (N)

- N1. PROVIDE AND INSTALL NEW PREFINISHED EXTERIOR WALL PANELS OVER EXISTING METAL BUILDING SUBFRAMING; PROVIDE AND INSTALL ANY ADDITIONAL BRACING REQUIRED FOR COMPLETE FINISHED INSTALLATION OF NEW COMPONENTS.
- N2. PROVIDE AND INSTALL NEW STANDING SEAM PREFINISHED METAL ROOF SYSTEM, INCLUDING NEW FASCIA, GUTTERS, DOWNSPOUTS AND TRIM, ON EXISTING ROOF SUBFRAMING. PROVIDE ANY ADDITIONAL SUBCOMPONENTS AS REQUIRED FOR COMPLETE WATER-TIGHT INSTALLATION. TYPICAL.
- N3. PROVIDE AND INSTALL NEW SIMPLE SAVER THERMAL ROOF AND WALL INSULATION SYSTEM AS SPECIFIED.
- N4. PROVIDE AND INSTALL TWO (2) NEW EXTERIOR 3'-0"x6'-8" H.M. DOORS, FRAMES, TRIM AND THRESHOLDS WHERE AS SHOWN ON FLOOR PLAN. PROVIDE OR MODIFY WALL GIRTS AS REQUIRED FOR INSTALLATION.
- N5. PROVIDE AND INSTALL TWO (2) 8'0" W. X 10'0" H. EXTERIOR OVERHEAD SECTIONAL METAL DOORS WHERE SHOWN IN FLOOR PLAN. PROVIDE OR MODIFY WALL GIRTS AS REQUIRED FOR INSTALLATION.
- N6. COORDINATE WITH PLUMBING, MECHANICAL, AND ELECTRICAL AND PROVIDE ANY OPENINGS IN ROOF AND WALLS TO FACILITATE INSTALLATION OF REQUIRED COMPONENTS OR OPENINGS. ENSURE THAT ALL SUCH OPENINGS ARE SEALED AGAINST AIR AND WATER PENETRATION.

GENERAL WORK - DEMOLITION (D)

- D1. REMOVE COMPLETELY THE PREVIOUS BUILDING ADDITION AS SHOWN ON DEMOLITION FLOOR PLAN, WHICH INCLUDES THE WOOD FRAMED ROOF CONSTRUCTION.
- D2. AT ORIGINAL PEMB STRUCTURE, REMOVE ALL BUILDING COMPONENTS BACK TO ORIGINAL STRUCTURAL FRAMES, SUB-FRAMES, PURLINS, GIRTS AND "RED IRON" COMPONENTS (WHICH ARE TO REMAIN). REMOVE ALL EXTERIOR AND INTERIOR METAL SIDING, DOORS AND FRAMES, VENT FAN COMPONENTS, OVERHEAD DOORS, METAL TRIM, ETC.
- D3. REMOVE ALL EXISTING ROOF PANELS, ACCESSORIES, AND ATTACHMENTS, INCLUDING ALL PLUMBING, MECHANICAL, AND ELECTRICAL COMPONENTS. REFER TO PLUMBING, MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- D4. ALL DEMOLISHED COMPONENTS SHALL BE DISPOSED OF IN A PROPERLY LICENSED DISPOSAL FACILITY. ALL COSTS OF DISPOSAL SHALL BE INCLUDED IN ORIGINAL BID PROPOSAL.
- D5. ALL CONSTRUCTION PREMISES SHALL BE KEPT CLEAN AND ORDERLY AT ALL TIMES.

1 GENERAL WORK NOTES
1/8" = 1'-0"

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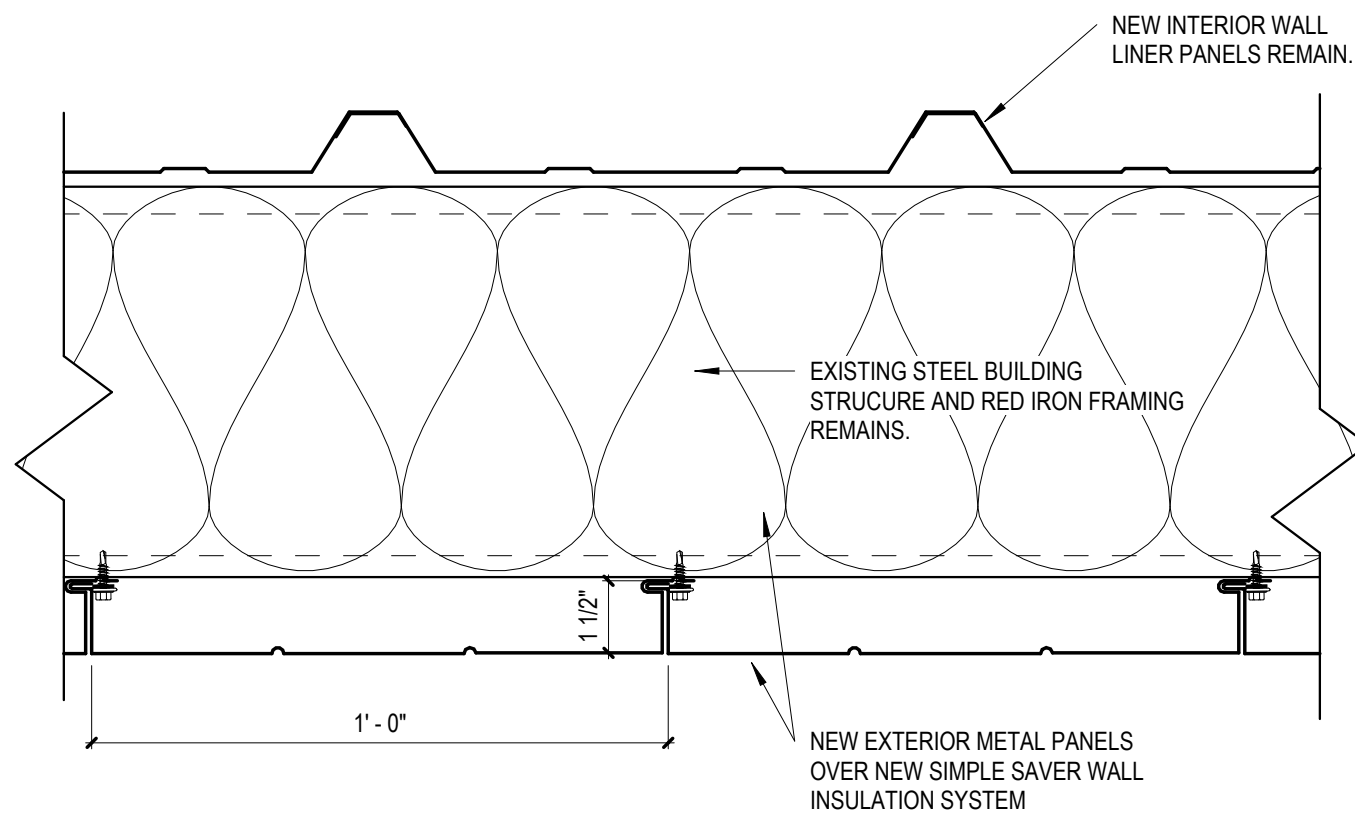


Sheet Name:
EXTERIOR ELEVATIONS

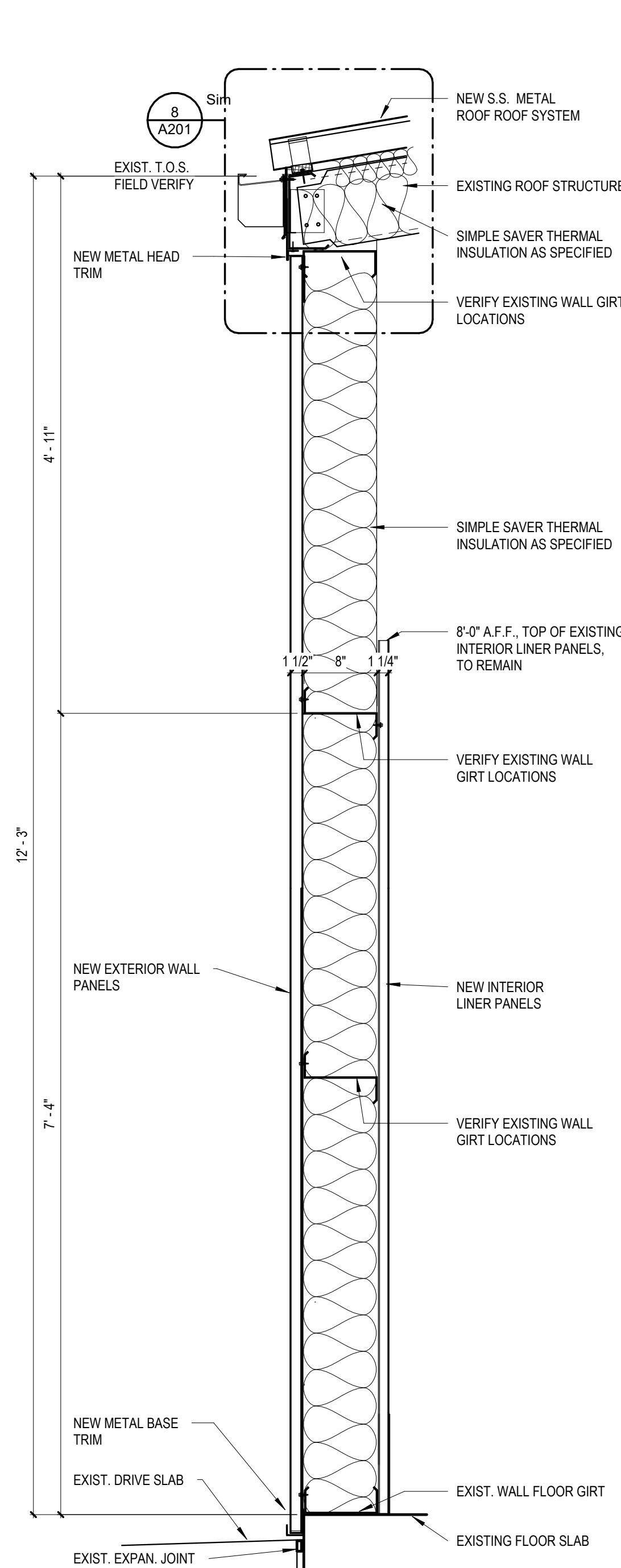
Project No: 2503 Date: 06/12/2025

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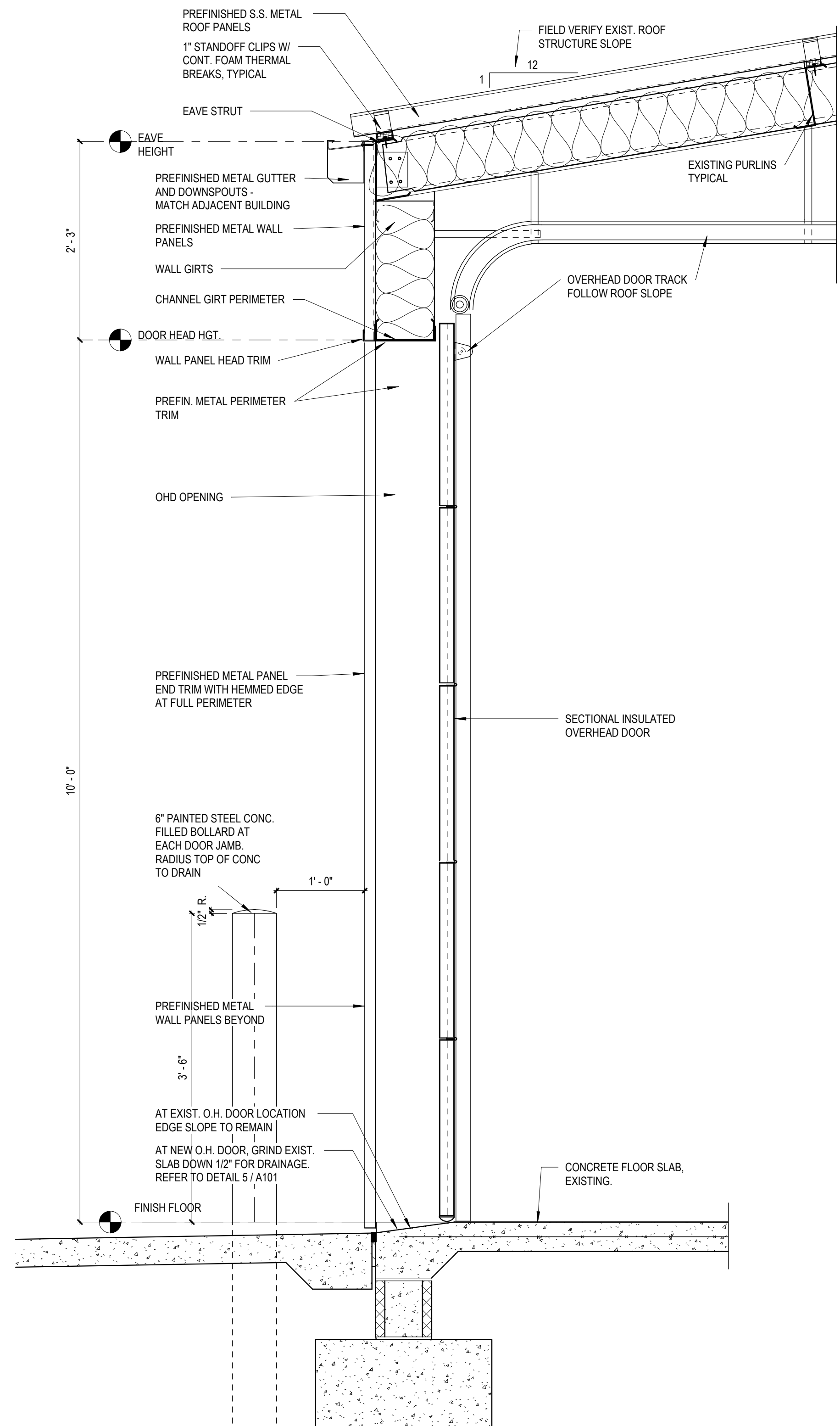
A301



10 NEW WALL PANELS - EXTERIOR & INTERIOR
3" = 1'-0"



5 EXTERIOR WALL DETAIL - TYPICAL
1" = 1'-0"



1 EXTERIOR WALL AT O.H. DOOR
1" = 1'-0"

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ARCHITECTURAL DETAILS
Project No:
2503
Date:
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Sheet No:

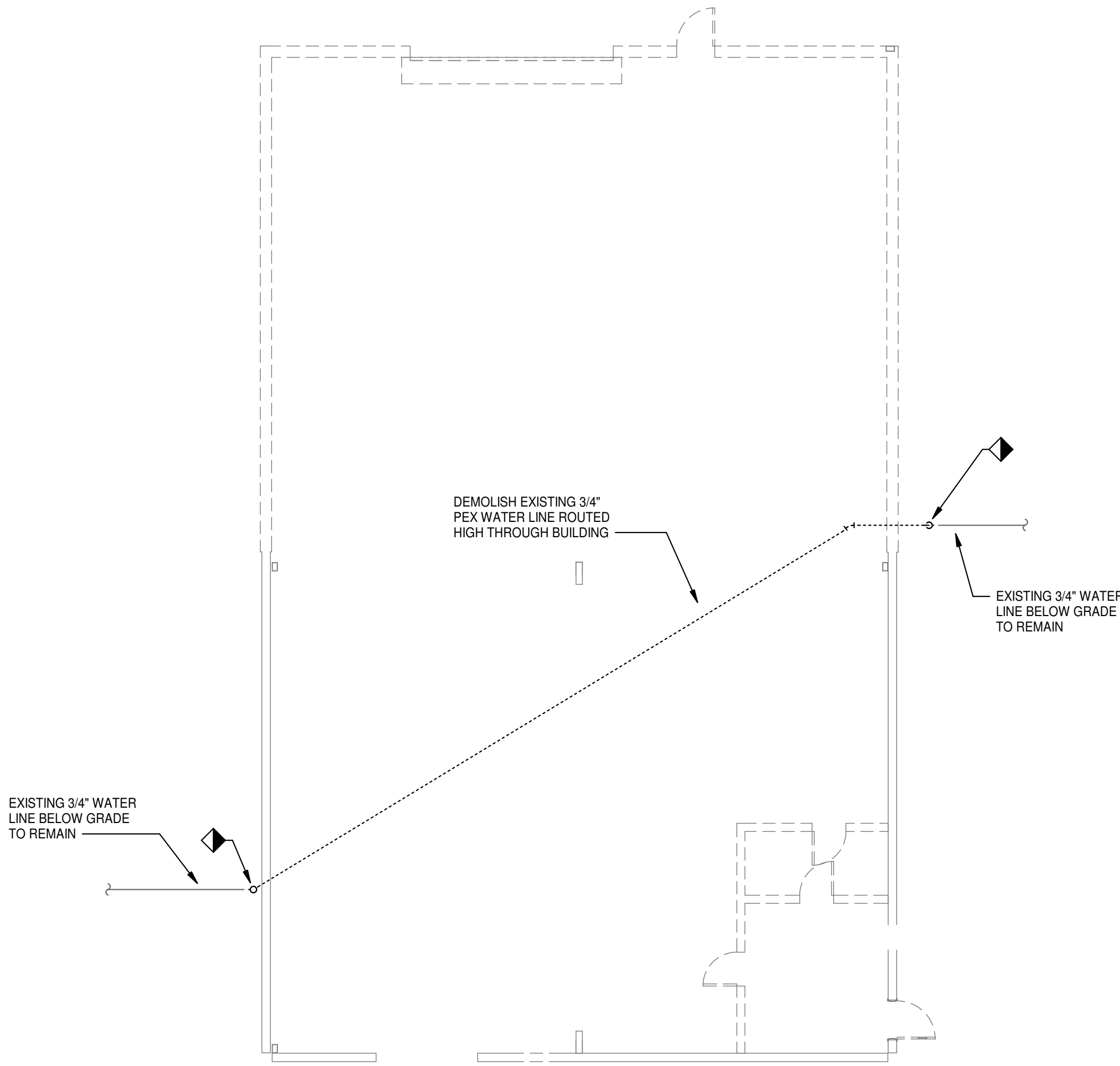
A401

GENERAL PLUMBING SPECIFICATIONS

- ALL PLUMBING WORK SHALL COMPLY WITH THE ARKANSAS STATE PLUMBING CODE AND ALL LOCAL CODES.
- ALL WORK WILL COMPLY WITH ALL APPLICABLE CODES, AND THE CONTRACTOR SHALL PAY FOR ALL PERMITS, FEES AND LATERAL COSTS PERTAINING TO HIS WORK.
- DOMESTIC WATER PIPING** - TYPE "L" HARD COPPER WITH WROUGHT COPPER FITTINGS AND "BRIDGIT" LEAD FREE SOLDER MADE IN U.S.A. - 1/2" THICK (MIN.) FIBERGLASS INSULATION WITH FIRE RETARDANT JACKET, HOT WATER AND HOT WATER RETURN SHALL HAVE 1" THICK INSULATION (UNDERGROUND PIPING BE TYPE "K" COPPER WITH NO JOINTS BELOW FLOOR WHERE POSSIBLE OR SHALL HAVE 5% SILVER "SIL-FOS" BRAZED JOINTS) - ALSO A 10 MIL POLY SLEEVE IS REQUIRED ON BELOW FLOOR SLAB PIPING AND HOT WATER MUST BE INSULATED WITH "FOAMGLASS" OR EQUAL.
- STERILIZATION OF WATER PIPING** - THE DOMESTIC WATER PIPING SYSTEM SHALL BE DISINFECTED IN ACCORDANCE WITH THE ARKANSAS STATE PLUMBING CODE AND ANY STATE OR LOCAL CODE.
- CUTTING AND PATCHING** - SHALL BE BY GENERAL CONTRACTOR.

HVAC GENERAL DEMOLITION NOTES

- ALL LIGHTER SOLID LINES REPRESENT PIPING, DUCTWORK, EQUIPMENT, ETC. TO REMAIN.
- ALL DARKER DASHED LINES REPRESENT PIPING, DUCTWORK, EQUIPMENT, ETC. TO BE REMOVED.
- FIELD VERIFY EXACT SIZE AND LOCATION OF ALL EXISTING ITEMS SHOWN ON THIS PLAN THAT ARE TO BE CONNECTED TO.



1 **DEMOLITION PLAN - HVAC**
1/8" = 1'-0"

FUME EXTRACTOR SCHEDULE

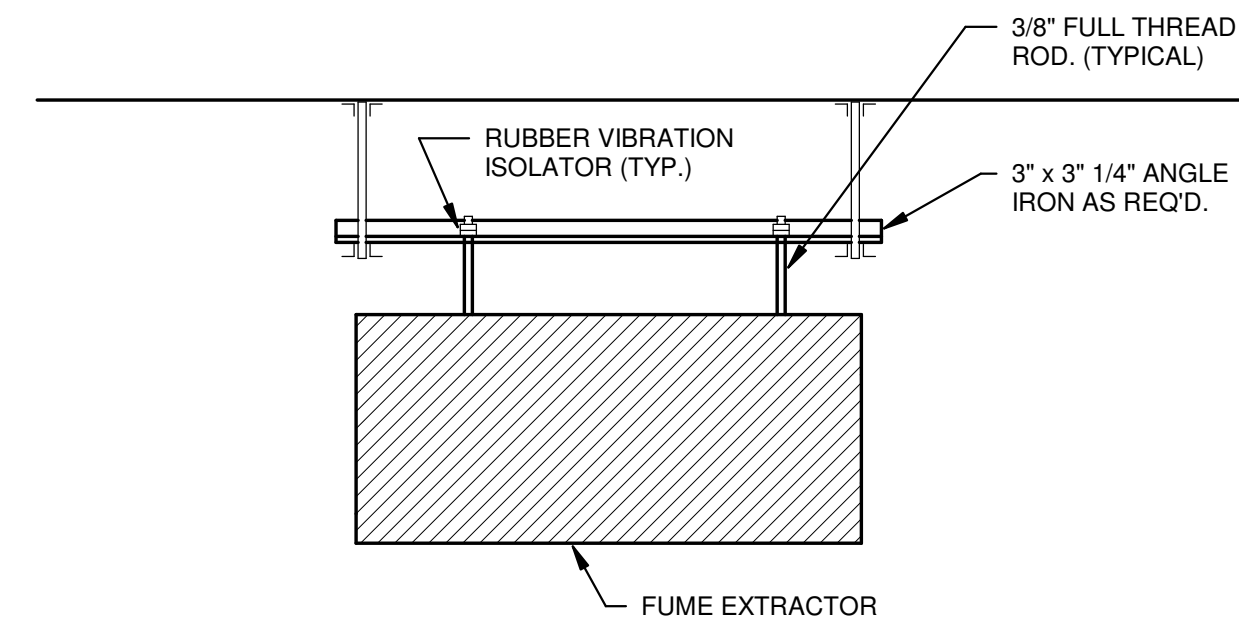
DESIG.	MFR/MDL	TYPE	WEIGHT	CFM	DIMENSIONS	MOTOR DATA			ELECTRICAL DATA			REMARKS
						HP	RPM	DRIVE	MCA	MOCP	VOLT/PHASE	
FE-1	MICRO AIR / MXT3500	AMBIENT AIR CLEANER	160 LBS.	3,650	24" H x 24" W x 72" L	1	1,075	DIRECT	11.8	--	115/1Ø	SEE SPECS.

HVAC GENERAL NOTES

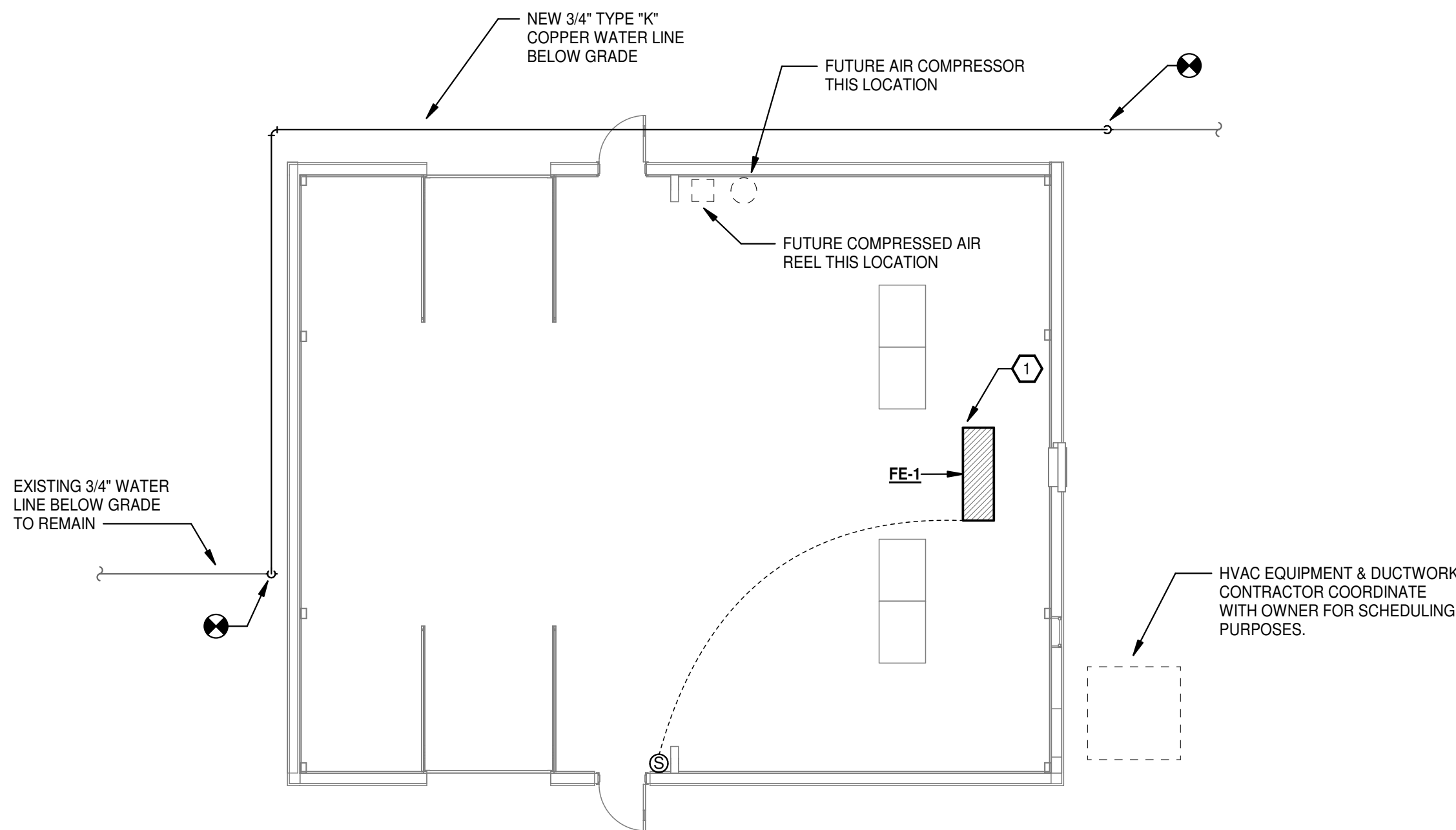
- ALL LIGHTER SOLID LINES REPRESENT PIPING, DUCTWORK, EQUIPMENT, ETC. TO REMAIN.
- ALL DARKER SOLID LINES REPRESENT NEW PIPING, DUCTWORK, EQUIPMENT, ETC.
- FIELD VERIFY EXACT SIZE AND LOCATION OF ALL EXISTING ITEMS SHOWN ON THIS PLAN THAT ARE TO BE CONNECTED TO.

HVAC KEYED NOTES

- FUME EXTRACTION SYSTEM SUPPORTED FROM ABOVE. COORDINATE MOUNTING LOCATION WITH OWNER AND WELDING TABLE LOCATIONS.



3 **FUME EXTRACTOR MOUNTING**
N.T.S.



2 **FLOOR PLAN - HVAC**
1/8" = 1'-0"

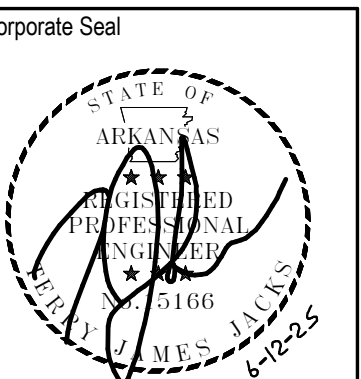


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Sheet Name:
DEMOLITION & NEW FLOOR PLAN - HVAC

Project No: 2503 Date: 06/12/25

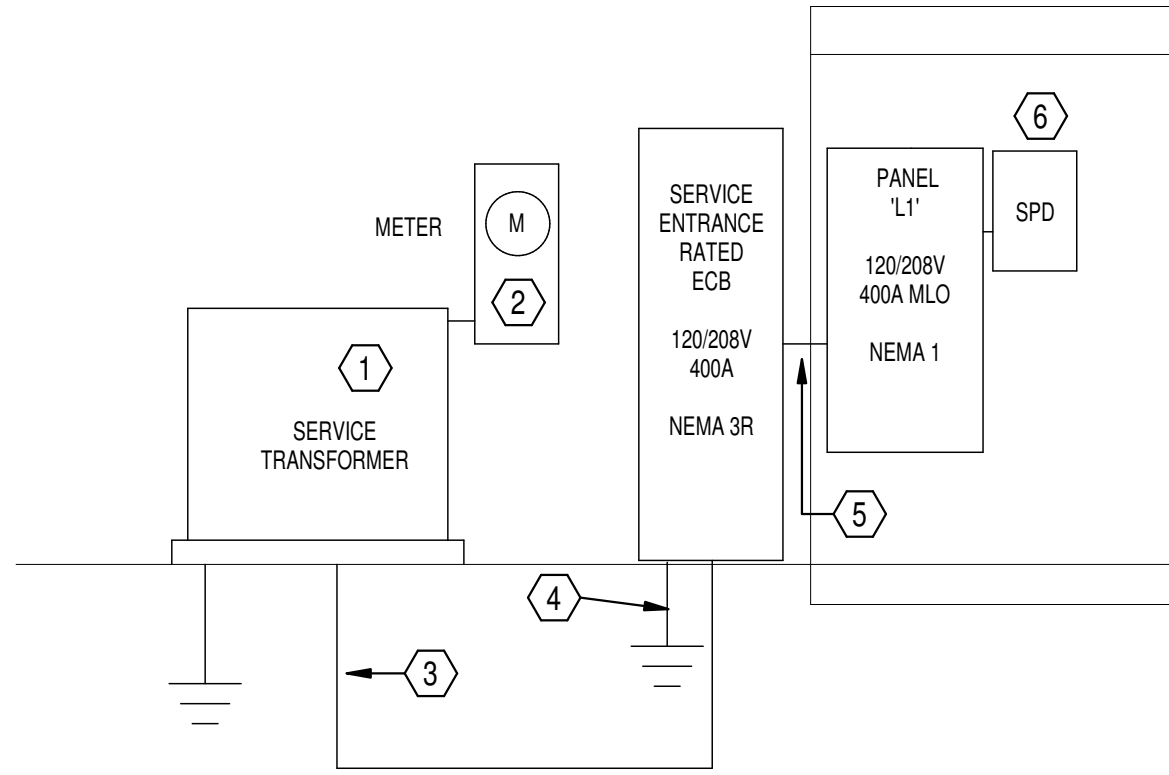
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MP101

NOTE: SEE SECTION 00 4323 – ALTERNATES IN THE PROJECT MANUAL. ELECTRICAL WORK WILL BE A DEDUCTIVE ALTERNATE FROM THE BASE BID.

POWER RISER KEYED NOTES:

- EXISTING UTILITY TRANSFORMER. VERIFY EXISTING VOLTAGE IS 208V 3 PHASE PRIOR TO BID. COORDINATE ALL INSTALLATION REQUIREMENTS WITH LOCAL UTILITY PRIOR TO BID. CONTRACTOR TO PAY ALL FEES.
- METER PER UTILITY REQUIREMENTS.
- 400A UNDERGROUND SECONDARY SERVICE, (2-SETS) 3" C-4#30
- #20 AWG COPPER GROUNDING ELECTRODE CONDUCTOR TO 3/4"x10'-0" COPPER-CLAD STEEL GROUNDING ROD. NUMBER AS REQUIRED. ALL BELOW GRADE CONNECTIONS SHALL BE EXOTHERMIC WELDS.
- PANEL 'L1' FEEDER, 400A, (2-SETS) 2" C-3#30, 1#30(N), 1#3(G)
- SURGE PROTECTOR

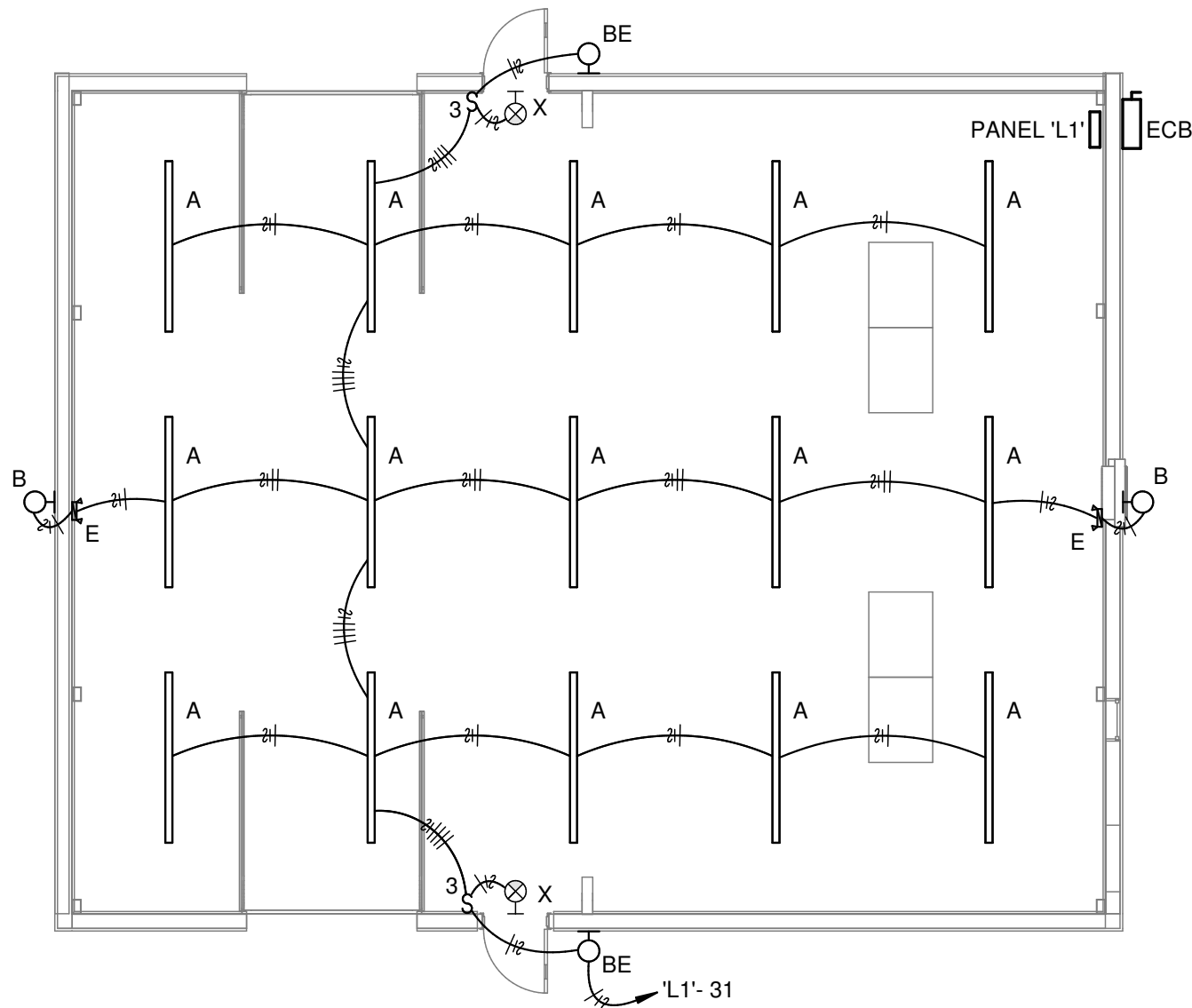


3 POWER RISER DIAGRAM
SCALE: N.T.S.

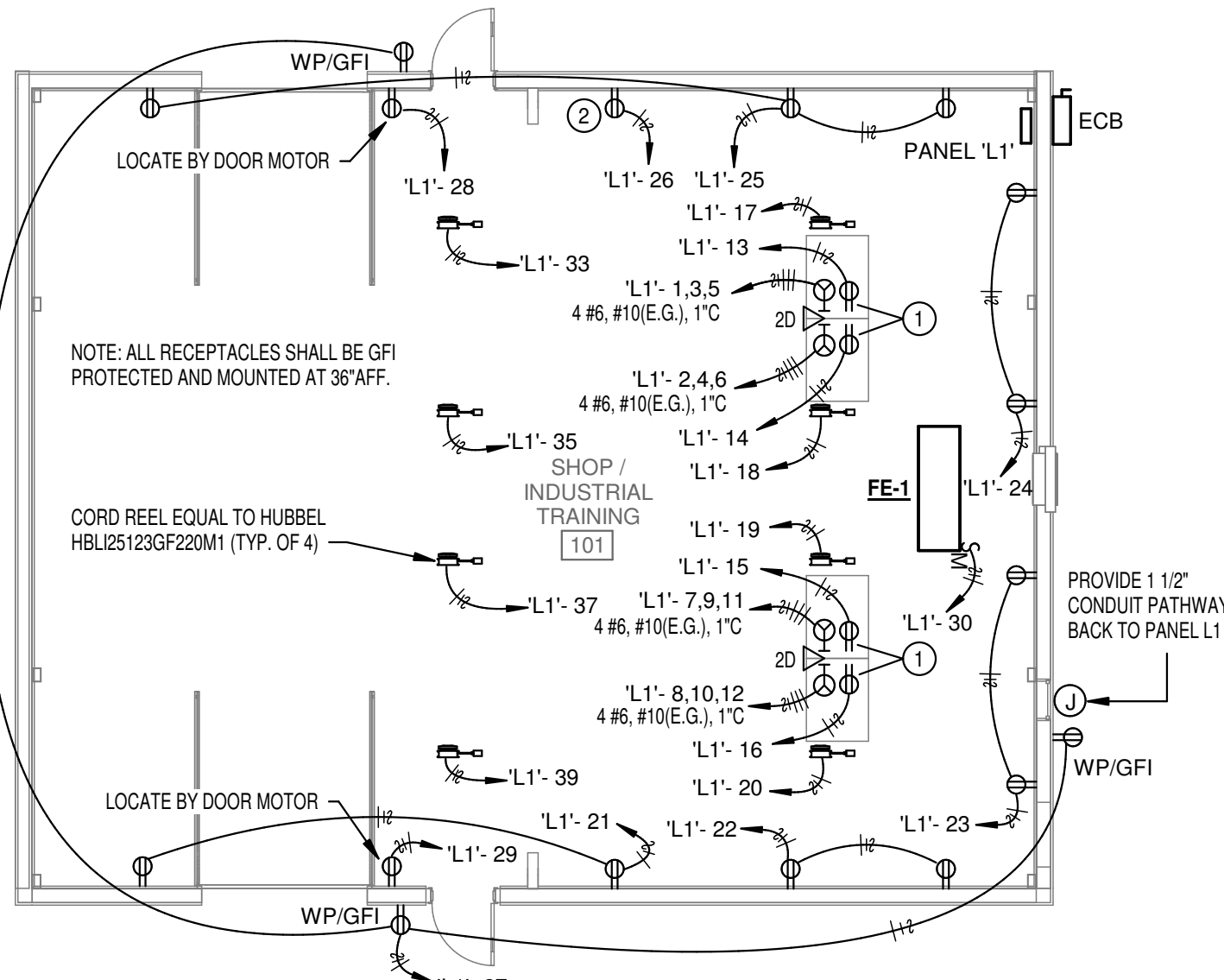
LIGHT FIXTURE SCHEDULE					
TYPE MARK	MANUFACTURER	MODEL	ELECTRICAL DATA	DESCRIPTION	
A	LITHONIA	CSS L96 ALQ4 MVOLT 35K 80CRI	120 V/1-80 VA	8" LED STRIP MOUNTED TO BOTTOM OF STRUCTURE	
B	LITHONIA	WPX2 LED 40K MVOLT PE	120 V/1-47 VA	EXTERIOR WALL PACK. COLOR BY ARCHITECT.	
BE	LITHONIA	WPX2 LED 40K MVOLT E4 WH PE	120 V/1-47 VA	EMERGENCY EXTERIOR WALL PACK. COLOR BY ARCHITECT.	
E	LITHONIA	EU2C	120 V/1-40 VA	EMERGENCY LIGHT	
X	LITHONIA	ECBR LED M6	120 V/1-0 VA	RED LED EXIT W/ BATTERY BACKUP	

ELECTRICAL KEYED NOTES

- PROVIDE AND INSTALL A 60AMP CORD DROP WITH RECEPTACLE WITH KELLEMS GRIP STRAIN RELIEF, A 20AMP CORD DROP WITH RECEPTACLE WITH KELLEMS GRIP STRAIN RELIEF, AND 2 CAT6 DATA DROP BACK TO OWNER RACK. ALL THIS SHALL BE MOUNTED IN THE CEILING TO FEED THE ROBOT ARM WELDERS FOR A TOTAL OF 4 LOCATIONS.
- VERIFY PLUG, WIRE, AND BREAKER REQUIRED FOR OWNER PROVIDED AIR COMPRESSOR.



1 FLOOR PLAN - LIGHTING
1/8" = 1'-0"



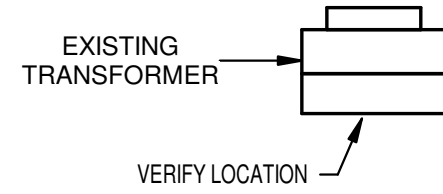
2 FLOOR PLAN - POWER
1/8" = 1'-0"

GENERAL NOTES

- ALL WORK SHALL COMPLY WITH THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE.
- CIRCUITS OF DIFFERENT PHASES MAY SHARE EQUIPMENT GROUND. EQUIPMENT GROUND CONDUCTOR SIZE SHALL NOT BE LESS THAN #12 AWG OR AS INDICATED ON THE DRAWINGS.
- ALL CONDUCTORS #10 AND SMALLER SHALL BE SOLID COPPER THW, THHN, THWN, AND ALL CONDUCTORS #8 AND LARGER SHALL BE STRANDED COPPER USING BOLTED LUGS AT TERMINALS.
- MINIMUM WIRE SIZE SHALL BE #12 AWG UNLESS OTHERWISE NOTED.
- PULL ALL THE CONDUCTORS THROUGH RACEWAY AT THE SAME TIME.
- MINIMUM CONDUIT SIZE SHALL BE 3/4" UNLESS OTHERWISE NOTED. SEE SPECS FOR CONDUIT REQUIREMENTS. ALL CONDUIT SHALL BE CONCEALED UNLESS OTHERWISE NOTED.
- 6'-0" MAXIMUM LENGTH ON FLEXIBLE CONDUIT.
- USE COMPRESSION FITTINGS ON CONDUIT, SET SCREW FITTINGS ARE NOT ALLOWED.
- PROVIDE PULL STRING AND PROTECTIVE BUSHINGS IN ALL SPARE CONDUITS.
- LABEL ALL CIRCUITS ON PANEL SCHEDULES.
- TURN ALL UNUSED CIRCUIT BREAKERS TO OFF POSITION.
- FIRE PROOF ALL PENETRATIONS MADE THROUGH FIRE RATED WALLS.
- ALL DEVICES SHALL BE RATED 20 AMP MINIMUM. VERIFY COLOR WITH ARCHITECT.
- CONNECT DEVICES BY WRAPPING WIRE AROUND SCREW TERMINAL IN A CLOCKWISE DIRECTION AND TIGHTEN SCREW. BACK-CONNECTED SPRING DEVICES ARE NOT ALLOWED.
- ALL BOXES SHALL BE INDEPENDENTLY SUPPORTED TO THE BUILDINGS STRUCTURE.
- CONTRACTOR SHALL REFER TO THE ARCHITECTURAL ELEVATIONS AND MILLWORK DETAILS FOR EXACT LOCATIONS OF ALL WIRING DEVICES AND LIGHT FIXTURES.
- CONTRACTOR SHALL REFER TO THE ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION OF ALL LAY-IN LIGHT FIXTURES.
- THE SPECIFICATIONS ARE AS BINDING ON THE CONTRACTOR AS THE DRAWINGS. THE CONTRACTOR SHALL READ THE SPECIFICATIONS AND SHALL INCLUDE ALL ITEMS REQUIRED BY THE SPECIFICATIONS BEFORE SUBMITTING A BID.
- ELECTRICAL CONTRACTOR SHALL CLOSELY COORDINATE WITH MECHANICAL AND PLUMBING CONTRACTORS FOR EXACT LOCATION OF HVAC AND PLUMBING EQUIPMENT.
- ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER SIZING OF ALL MOTOR OVERLOAD DEVICES (HEATERS) IN STARTERS BASED ON ACTUAL NAMEPLATE RATINGS ON THE MOTOR BEING INSTALLED.
- PROVIDE TAMPER RESISTANT DEVICES AS REQUIRED BY CODE.

Panelboard: 'L1'

Panelboard:			L1:		VOLTAGE: 120/208 Wye			COPPER BUS RATING: 400 A			MAINS TYPE: MLO				
LOCATION:					PHASE: 3			GROUND BUS:			MCB RATING: 1				
MOUNTING: SURFACE					WIRES: 4			MINIMUM A.I.C. RATING:			FED FROM:				
ENCLOSURE:			TYPE 1		MFR. AND TYPE:		SQUARE D NQ		SUBFEED LUGS:			NEUTRAL RATING:		100.00%	
Circuit Number	Load Name		BRKR	A		B		C		BRKR	Load Name		Circuit Number		
1	ROBOT WELDER		60/3	5667	5667					60/3	ROBOT WELDER		2		
3						5667	5667						4		
5								5667	5667				6		
7	ROBOT WELDER		60/3	5667	5667					60/3	ROBOT WELDER		8		
9						5667	5667						10		
11								5667	5667				12		
13	RECEPT - WELDING AUX		20/1	500	500					20/1	RECEPT - WELDING AUX		14		
15	RECEPT - WELDING AUX		20/1			500	500			20/1	RECEPT - WELDING AUX		16		
17	RECEPT - CORD REEL		20/1					360	360	20/1	RECEPT - CORD REEL		18		
19	RECEPT - CORD REEL		20/1	360	360					20/1	RECEPT - CORD REEL		20		
21	RECEPT		20/1			360	360			20/1	RECEPT		22		
23	RECEPT		20/1					360	360	20/1	RECEPT		24		
25	RECEPT		20/1	540	180					20/1	RECEPT - AIR COMPRESSOR		26		
27	RECEPT		20/1			540	1200			20/1	GARAGE DOOR MOTOR		28		
29	GARAGE DOOR MOTOR		20/1					1200	1440	20/1	EF-1 - HVAC		30		
31	LIGHTING		20/1	1464	0					20/1	SPARE		32		
33	RECEPT - CORD REEL		20/1			360	0			20/1	SPARE		34		
35	RECEPT - CORD REEL		20/1					360	0	20/1	SPARE		36		
37	RECEPT - CORD REEL		20/1	360	0					20/1	SPARE		38		
39	RECEPT - CORD REEL		20/1			360	0			20/1	SPARE		40		
41	SPARE		20/1					0	0	20/1	SPARE		42		
43	SPARE		20/1	0	0					20/1	SPARE		44		
45	SPARE		20/1			0	0			20/1	SPARE		46		
47	SPARE		20/1					0	0	20/1	SPARE		48		
49	SPARE		20/1	0	0					20/1	SPARE		50		
51	SPARE		20/1			0	0			20/1	SPARE		52		
53	SPARE		20/1					0	0	20/1	SPARE		54		
55	SPARE		20/1	0	0					20/1	SPARE		56		
57	SPARE		20/1			0	0			20/1	SPARE		58		
59	SPARE		20/1					0	0	20/1	SPARE		60		
Total Load:				26931 VA		26847 VA		27107 VA							
Total Amps:				225 A		224 A		226 A							
Load Classification		Connected Load		Demand Factor		Estimated Demand		Panel Totals							
Lighting		1276 VA		125.00%		1595 VA		Total Connected Load:		80884 VA					
Receptacles		4700 VA		100.00%		4700 VA		Total Estimated Demand:		81203 VA					
HVAC		1440 VA		100.00%		1440 VA		Total Connected Current:		225 A					
Power		0 VA		0.00%		0 VA		Total Est. Demand Current:		225 A					
Other		73468 VA		100.00%		73468 VA									
Motor		0 VA		0.00%		0 VA									
Heating		0 VA		0.00%		0 VA									
Existing Load		0 VA		0.00%		0 VA									
Notes:															



SYMBOL LEGEND

⌀	DUPLEX RECEPTACLE AT 18" A.F.F. GFI - GROUND FAULT CIRCUIT INTERRUPTER AC - MOUNTED ABOVE COUNTER BC - MOUNTED BELOW COUNTER WP - PROVIDED WITH WEATHERPROOF IN-USE TYPE COVER
⌀	QUADRUPLEX RECEPTACLE
⌀	SPECIAL PURPOSE RECEPTACLE NEMA CONFIGURATION SHOWN ON PLAN
⌀	CORD REEL
▽	DATA OUTLET - NUMBER OF JACKS SHOWN ON PLAN
⌀	JUNCTION BOX
\$	SINGLE POLE TOGGLE SWITCH AT 48" A.F.F. TYPICAL 3 - INDICATES 3-WAY TOGGLE M - MOTOR RATED TOGGLE
⌀	BRANCH CIRCUIT HOMERUN HOT-NEUTRAL-GROUND PANEL AND CIRCUIT NUMBER INDICATED ON PLAN
⌀	PANELBOARD
⌀	DISCONNECT SWITCH
T	DRY-TYPE TRANSFORMER

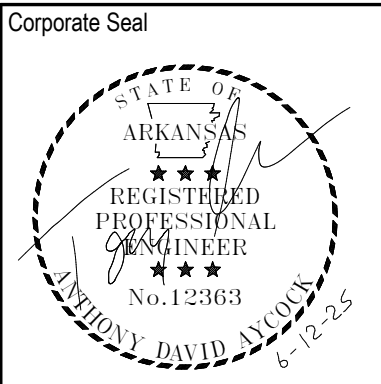


Revisions:

Black River Technical College
OLD WELDING SHOP RENOVATION
Pocahontas, Arkansas

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Sheet Name:
FLOOR PLANS - ELECTRICAL

Project No: 2503 Date: 06/12/25

Sheet No:

E101