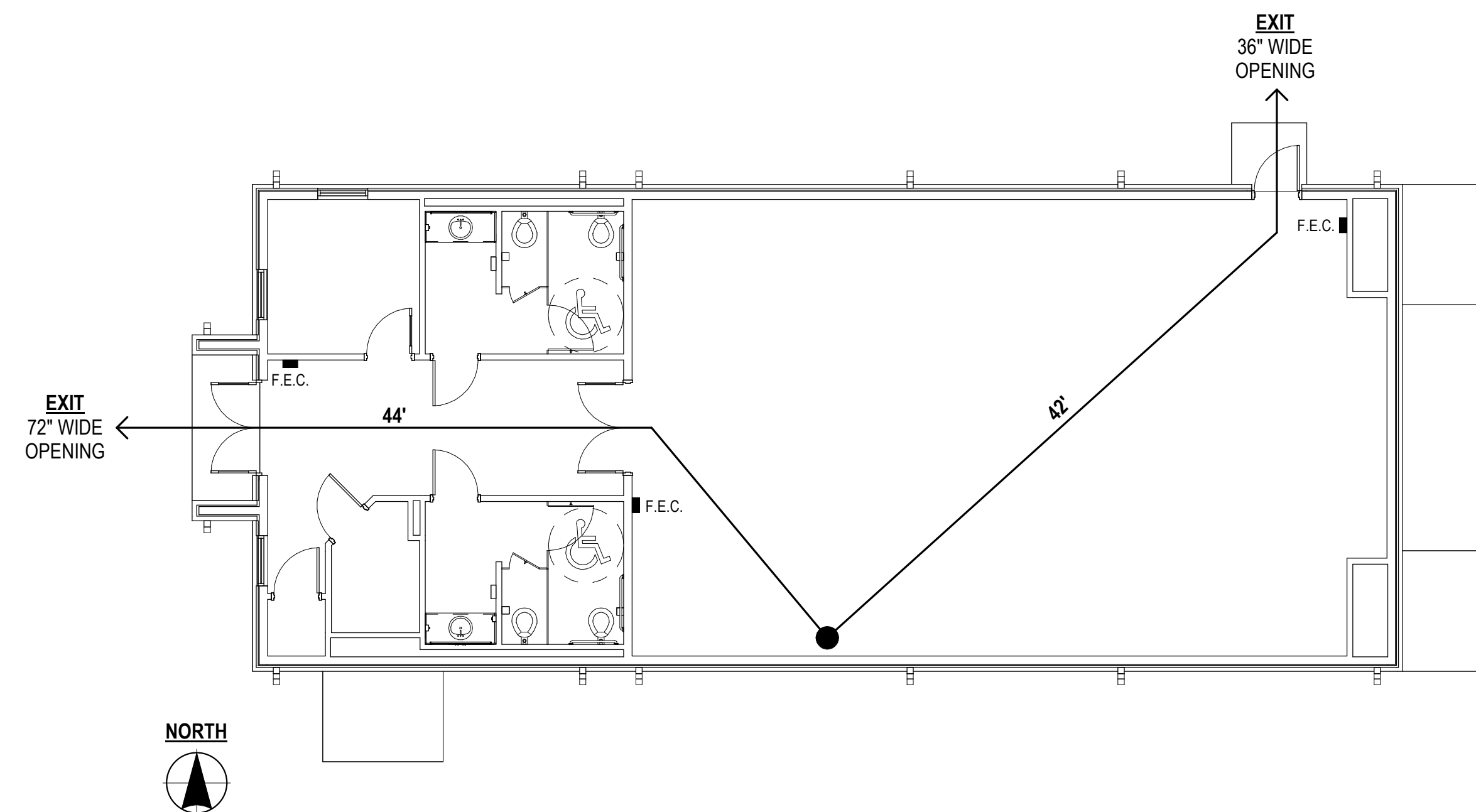


The Learning Center New Recreation Facility

Jonesboro, Arkansas

ARKANSAS FIRE PREVENTION DATA

CURRENT APPLICABLE CODES		
FIRE PREVENTION CODE:	2021 (AFPC) ARKANSAS FIRE PREVENTION CODE, VOLUME I	
BUILDING CODE:	2021 (AFPC) ARKANSAS FIRE PREVENTION CODE, VOLUME II	
EARTHQUAKE CODE:	2021 (AFPC) ARKANSAS FIRE PREVENTION CODE, VOLUME II	
EXISTING BUILDING CODE:	2021 INTERNATIONAL EXISTING BUILDING CODE	
PLUMBING CODE:	2018 (APC) ARKANSAS STATE PLUMBING CODE	
GAS CODE:	2018 (AFGC) ARKANSAS STATE GAS CODE	
MECHANICAL CODE:	2021 (IMC) ARKANSAS MECHANICAL CODE	
ELECTRICAL CODE:	2020 (NEC) ARKANSAS (NATIONAL) ELECTRICAL CODE	
ENERGY CODE:	2014 ARKANSAS ENERGY CODE	
ADA REGULATIONS:	2010 ICC / ANSI A117.1: AMERICAN NATIONAL STANDARDS (ADA REQUIREMENTS)	
PROJECT DESCRIPTION: This project is a new facility on The Learning Center campus at 2808 Fox Meadow Lane. It will be located just north of the existing buildings on the north side of the drainage ditch (flows east from west) that divides this property. The proposed facility is about 2,400 square feet and will serve the center as a recreation facility, allowing the children to get exercise and remain active on inclement weather days.		
CODE DATA		CODE REFERENCE
OCCUPANCY CLASSIFICATION	Assembly (A-3) It is possible this could be an E occupancy; however, since it is a standalone facility that could be used for other events, the more stringent A-3 occupancy has been applied.	Section 303
MINIMUM OCCUPANT LOAD	Assembly, concentrated (chairs only - not fixed): 1/7 sf net 215 people Business, accessory use: 1/150 sf net 1 person TOTAL OCCUPANT LOAD 216 people	T 1004.1.2
FIRE EXITS	Fire rated exit corridor with fire rated "cap" is provided as allowed in 708.4. 2 exits required at 43' wide / 2 exits provided at 108" wide. Maximum Exit Access Travel Distance is less than 200' maximum allowed without a sprinkler system. Means of Egress Separation Distance is greater than 1/2 the diagonal of the facility. Accessible Means of Egress is provided at both exits. Corridor width greater than 72".	Section 708.4 / Section 1005 / Section 1007 / Section 1017.2 / Section 1020
FIRE PROTECTION SYSTEM	Fully automatic sprinkler system is not provided. Fire Alarm system is provided. Portable Fire Extinguishers are to be provided per maximum 3,000 s.f.; 1 required / 3 provided.	Table 503 / Table 706.4 / Section 903.2.3 / Section 1016.1 / Table 1016.2
TYPE OF CONSTRUCTION	TYPE V - B (Unprotected)	Section 602.5 / T 601
ALLOWABLE HEIGHT AND BUILDING AREA PER FLOOR B	ALLOWABLE PROPOSED Maximum height: 40' 23' Maximum # stories: 1 1	Table 504.3 / Table 504.4
ALLOWABLE BUILDING AREA (within surrounding exterior walls and firewalls)	TABLE 506.2 ALLOWABLE PROPOSED 6,000 sq. ft. N/A 2,337 sf per floor by Table 506.2	Table 506.2
PROPOSED BUILDING AREAS (per floor)		
HORIZONTAL SEPARATION	Building face / separation distance Required Wall Rating North X > 30' 0 South X > 30' 0 West X > 30' 0 East X > 30' 0	Table 601 / Table 705.5



SHEET INDEX

- CS** COVER SHEET
- ARCHITECTURAL**
 - A101 FLOOR PLAN, RCP, DOOR SCHEDULE, DETAILS
 - A201 ROOM FINISH FLOOR PLAN / ENLARGED PLANS / INTERIOR ELEVATIONS
 - A301 ROOF PLAN / EXTERIOR ELEVATIONS / BUILDING SECTIONS
 - A401 WALL SECTIONS / DETAILS
 - A402 WALL SECTIONS / DETAILS
- STRUCTURAL**
 - S101 NOTE SHEET
 - S201 FOUNDATION PLAN & DETAILS
 - S301 ROOF FRAMING PLAN & DETAILS
 - S401 FRAMING DETAILS
- PLUMBING**
 - P000 PLUMBING GENERAL NOTES AND LEGENDS
 - P101 FLOOR PLAN - PLUMBING
 - P201 PLUMBING DETAILS
 - P301 PLUMBING SCHEDULES
- MECHANICAL**
 - M101 FLOOR PLAN - HVAC
 - M201 HVAC DETAILS
 - M202 HVAC DETAILS
 - M301 HVAC SCHEDULES AND LEGENDS
- ELECTRICAL**
 - E101 FLOOR PLAN - LIGHTING
 - E102 FLOOR PLAN - POWER
 - E103 FLOOR PLAN - SYSTEMS
 - E201 ELECTRICAL LEGENDS & DETAILS

Architect's Certification Statement

"I hereby certify that these plans and specifications have been prepared by me, or under my supervision. I further certify that to the best of my knowledge these plans and specifications are as required by law and in compliance with the Arkansas Fire Prevention Code for the State of Arkansas."

P R O J E C T T E A M

CIVIL ENGINEER

Tralan Engineering, Inc.
2916 Wood Street
Jonesboro, AR 72404
Phone: (870) 203-9939
Fax: (870) 897-0248

MPE ENGINEER

Pettit and Pettit Consulting Engineerings, Inc.
Heritage West Building, Suite 400
201 West Markham Street
Little Rock, AR 72201
Phone: (501) 374-3731

STRUCTURAL ENGINEER

Fowler Engineering, LLC
1989 Oak Tree Cove, Suite A
Hernando, MS 38632
Phone: (662) 469-9571

ARCHITECT

Stelling Architecture
2912 Longview Drive
Jonesboro, AR 72401
Phone: (870) 933-6993

Revisions:

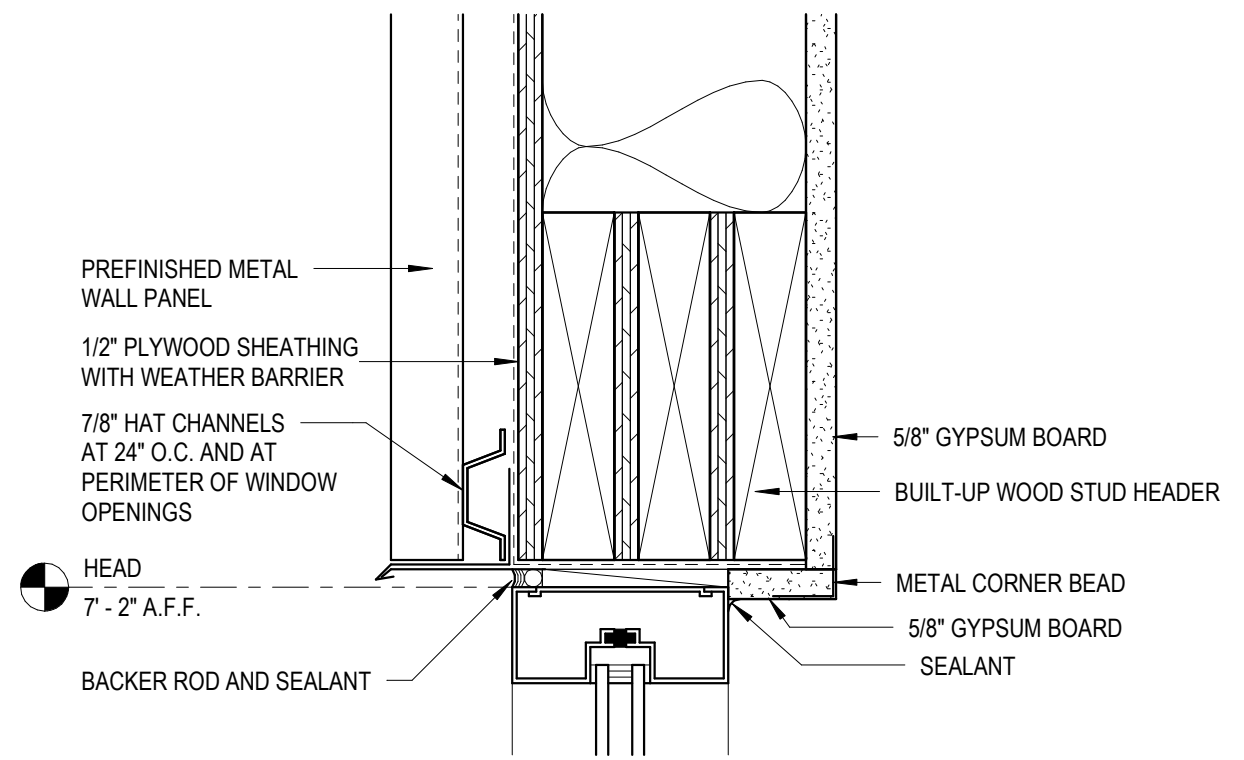
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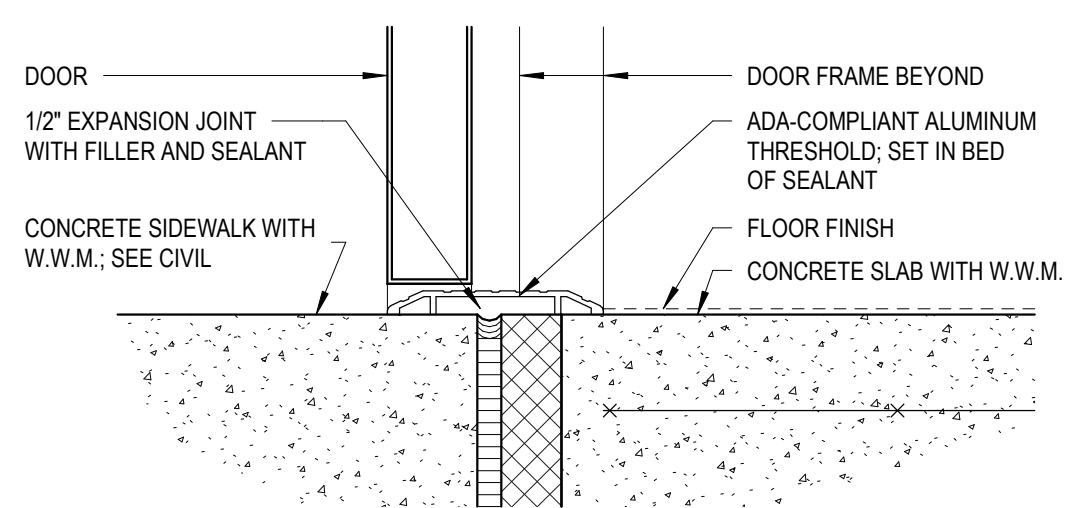


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Project No: 2423	Date: 03/07/2025
Sheet No: CS	

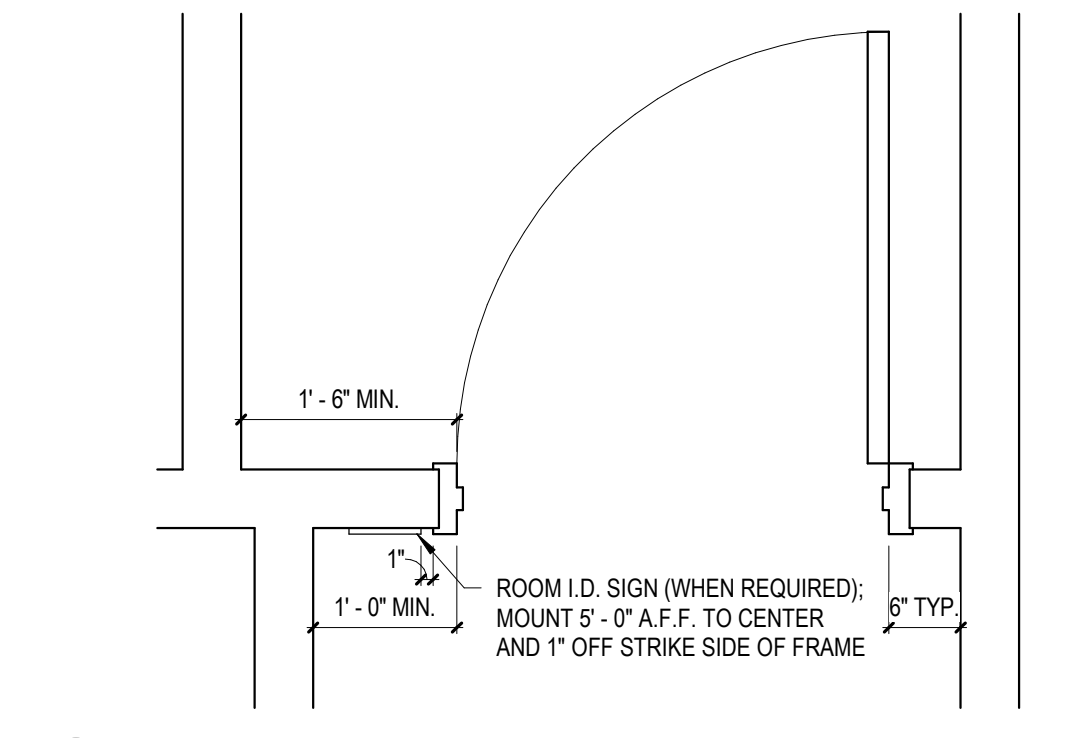
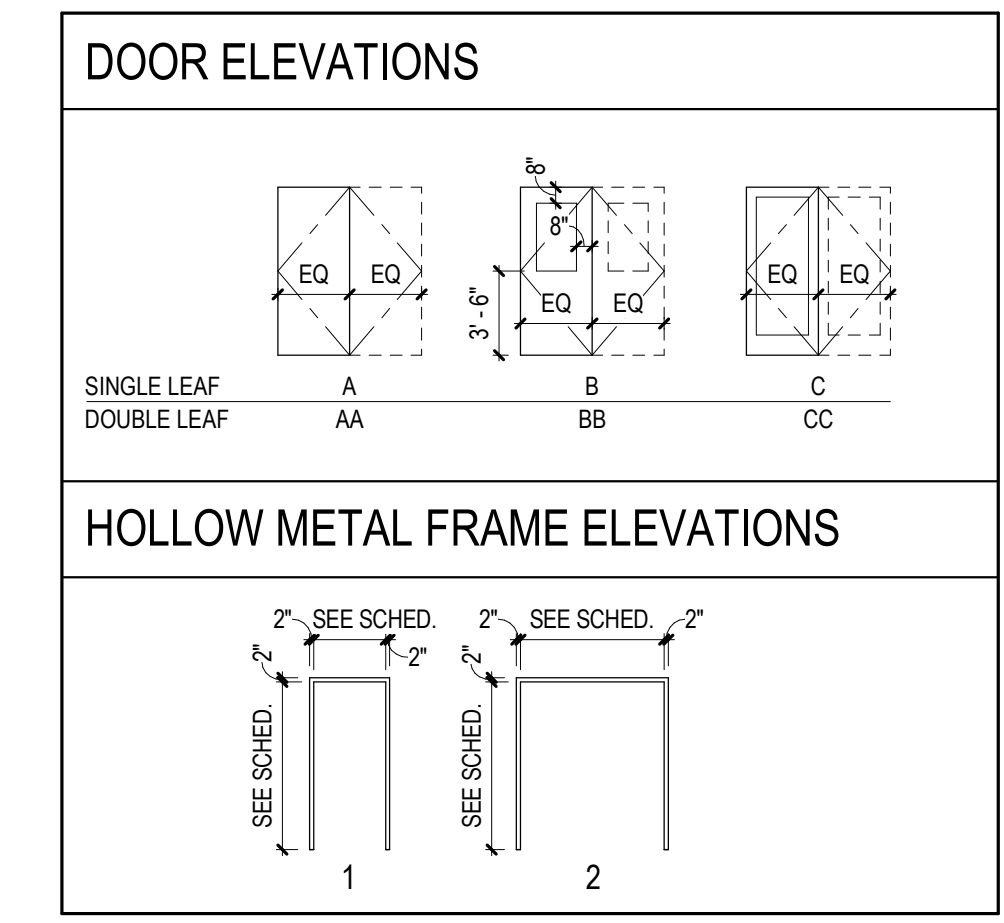
DOOR SCHEDULE										
NO.	DOOR SIZE	DOOR MATERIAL	DOOR ELEV.	DOOR FINISH	FIRE RATING	GLAZING	FRAME MATERIAL	FRAME ELEVATION	FRAME FINISH	COMMENTS
101A	PAIR 36" x 84" x 1 3/4"	ALUMINUM	CC	PREFINISHED	NONE	1/4" TEMP	ALUMINUM	SEE GLAZING ELEV.	PREFINISHED	
102A	36" x 84" x 1 3/4"	S. C. WOOD	A	PREFINISHED	20 MIN.	NONE	HOLLOW METAL	1	PAINT	
103A	36" x 84" x 1 3/4"	S. C. WOOD	B	PREFINISHED	20 MIN.	1/4" TEMP.	HOLLOW METAL	1	PAINT	
104A	36" x 84" x 1 3/4"	S. C. WOOD	A	PREFINISHED	20 MIN.	NONE	HOLLOW METAL	1	PAINT	
105A	36" x 84" x 1 3/4"	S. C. WOOD	A	PREFINISHED	20 MIN.	NONE	HOLLOW METAL	1	PAINT	
106A	36" x 84" x 1 3/4"	S. C. WOOD	A	PREFINISHED	20 MIN.	NONE	HOLLOW METAL	1	PAINT	
107A	PAIR 36" x 84" x 1 3/4"	S. C. WOOD	BB	PREFINISHED	20 MIN.	1/4" TEMP.	HOLLOW METAL	2	PAINT	
107B	36" x 84" x 1 3/4"	INSUL. HOLLOW METAL	A	PAINT	NONE	NONE	HOLLOW METAL	1	PAINT	



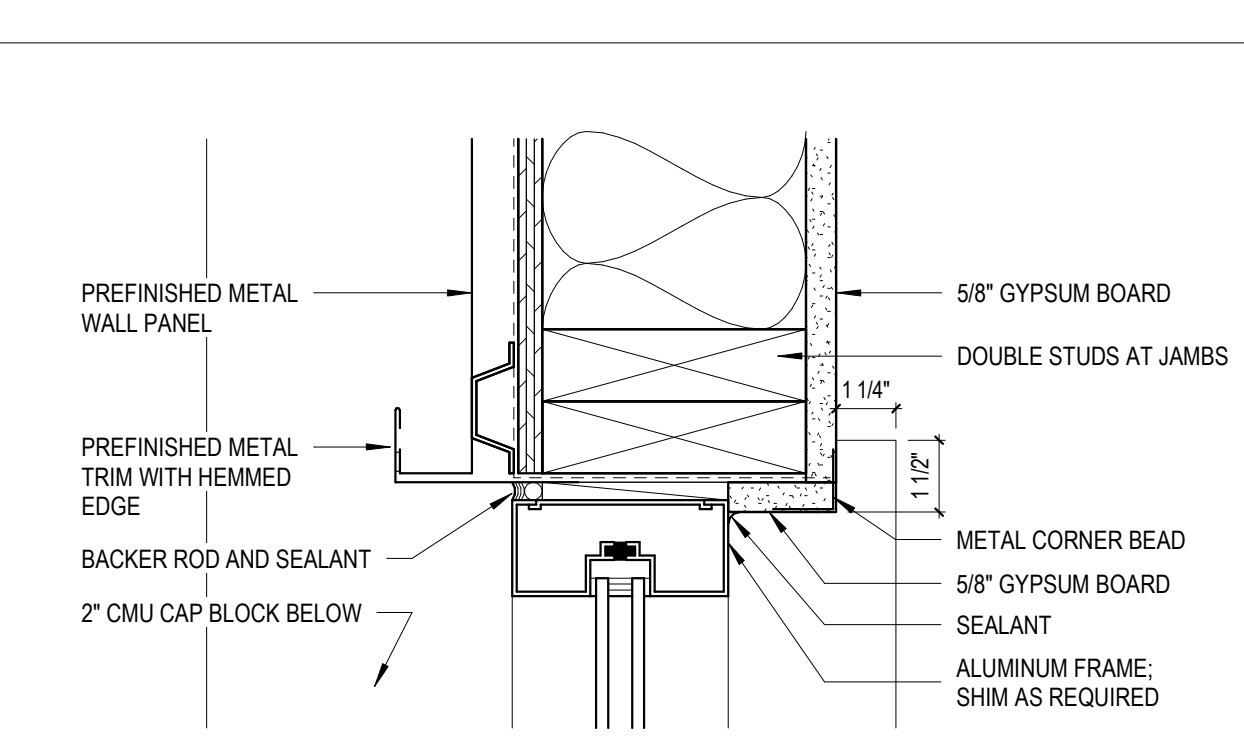
9 GLAZING ELEV. A
1/4" = 1'-0"



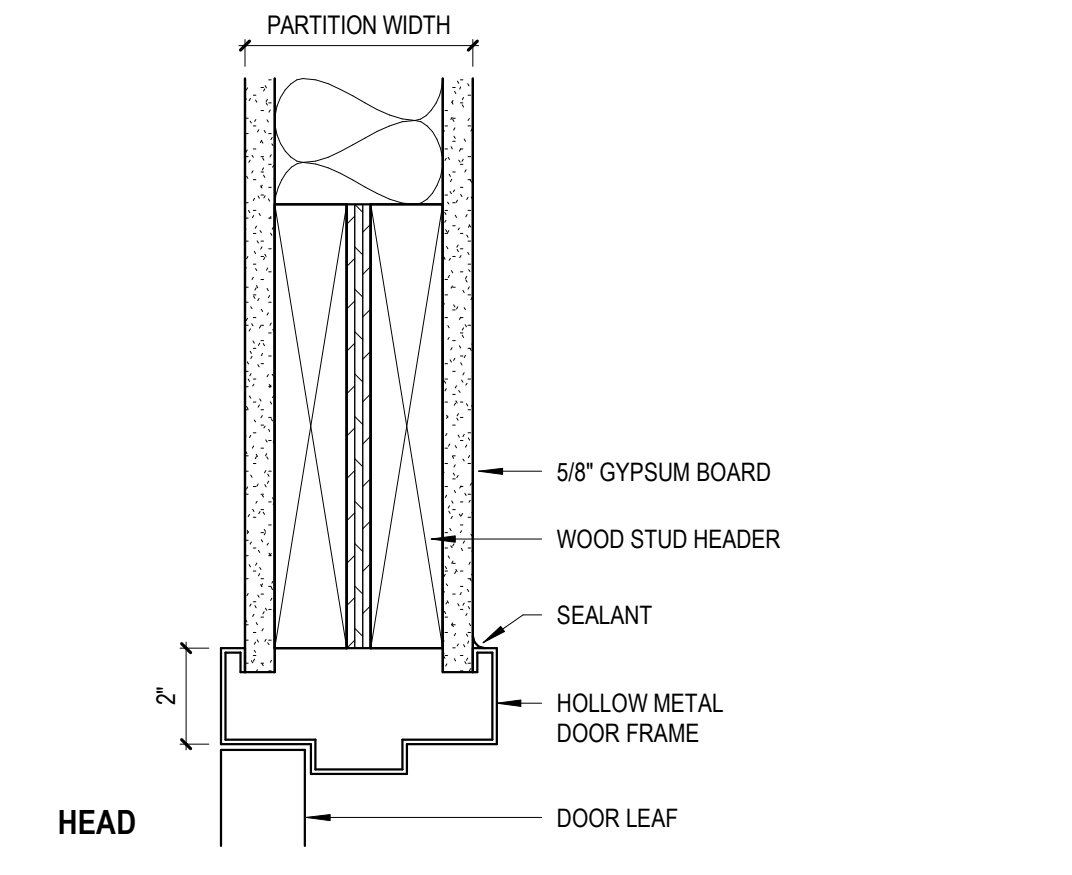
8 THRESHOLD, ALUMINUM
3" = 1'-0"



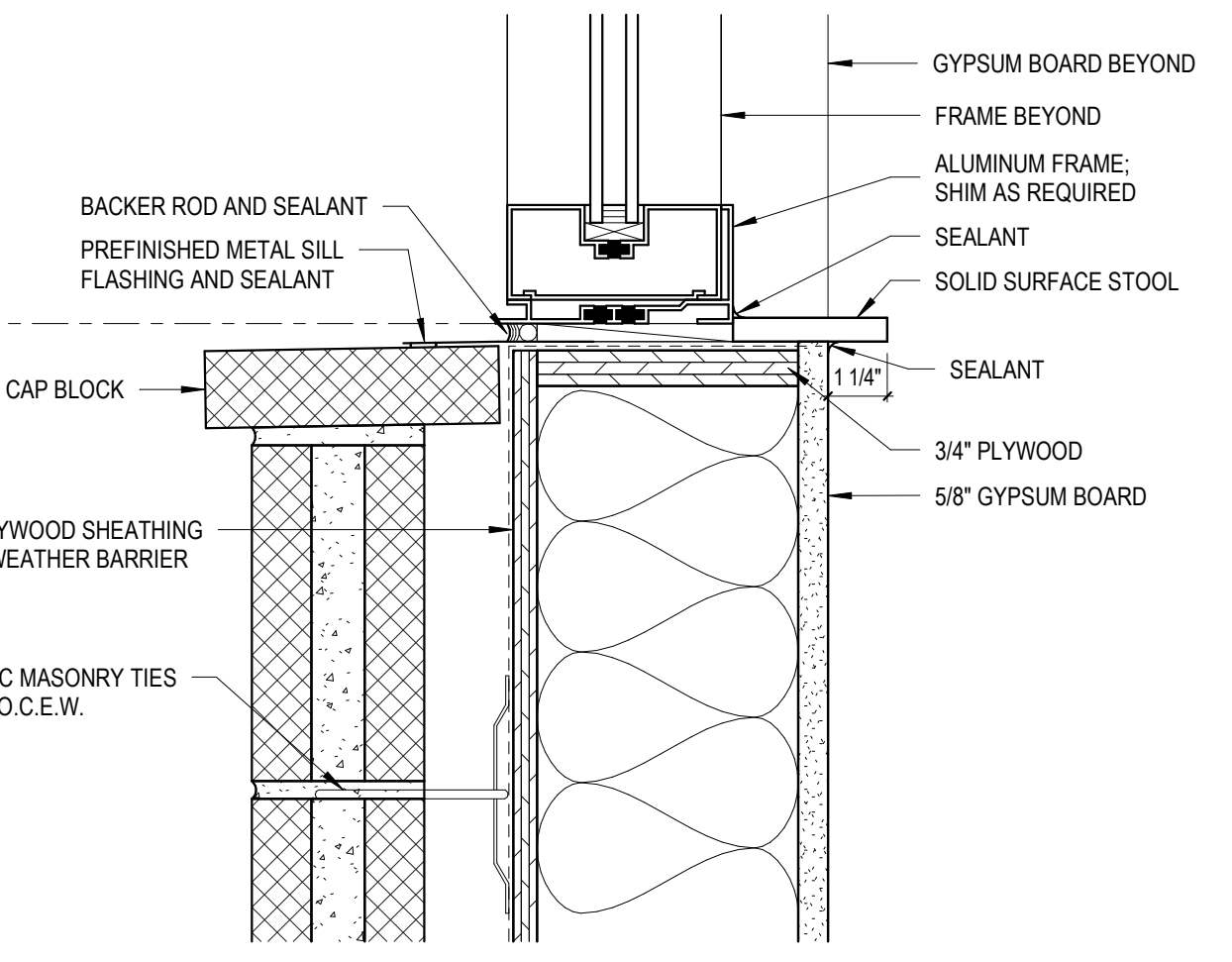
7 DOOR SETTING TEMPLATE
3/4" = 1'-0"



5 GLAZING ELEV. B
1/4" = 1'-0"

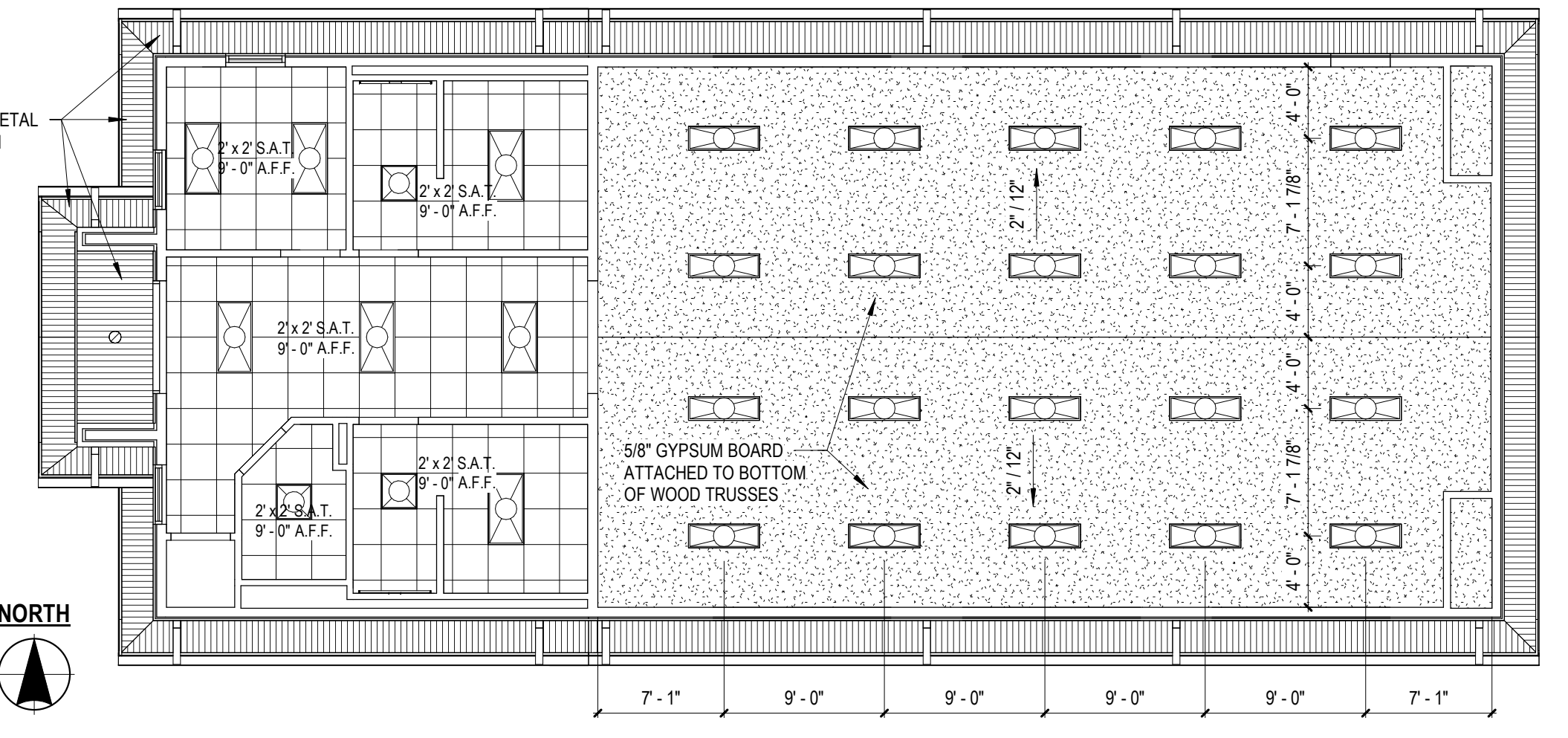


4 D.F. H.M., INT. - HEAD / JAMB
3" = 1'-0"

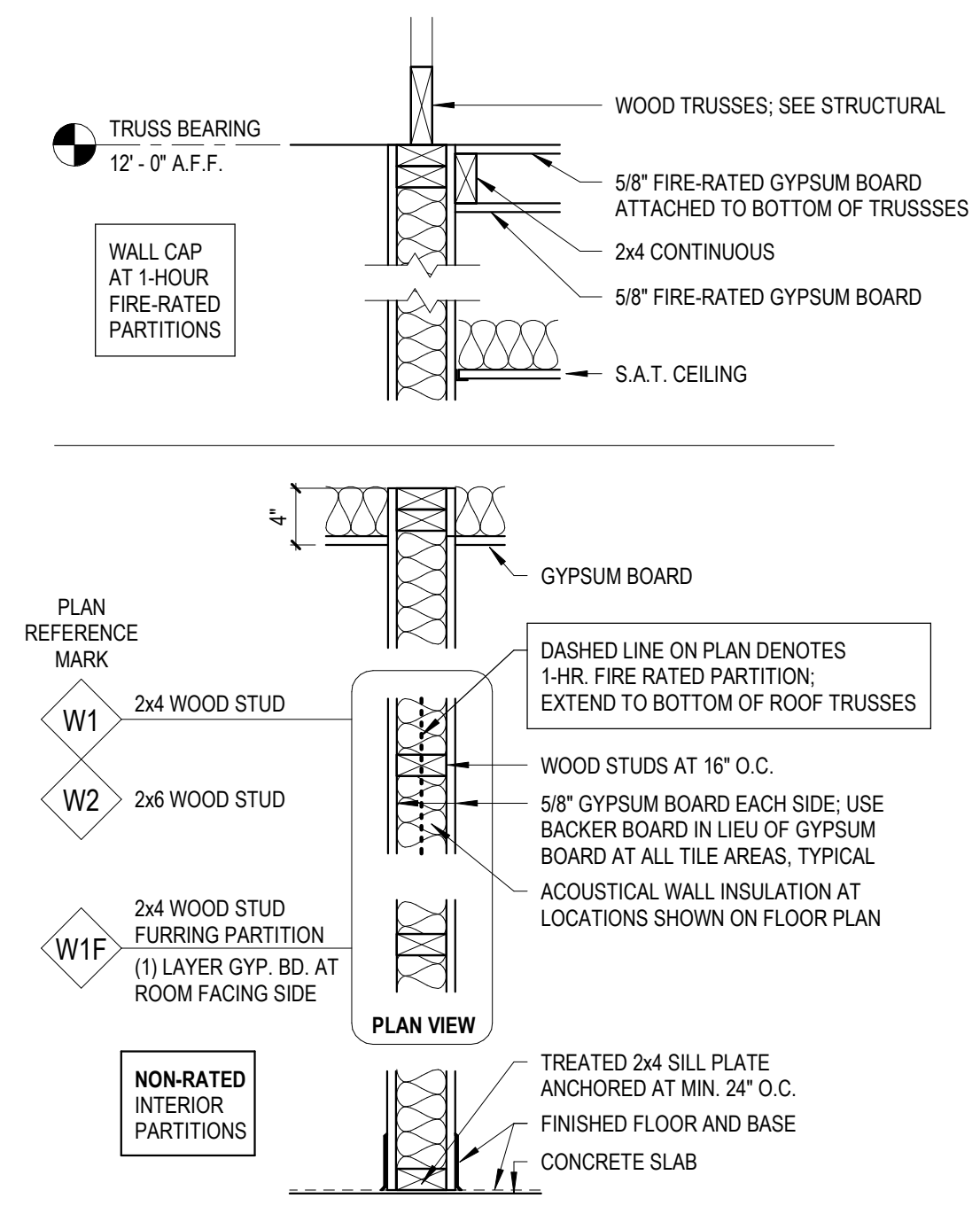


6 W.F. ALUM. - AT CMU WAINSCOT / METAL WALL PANELS
3" = 1'-0"

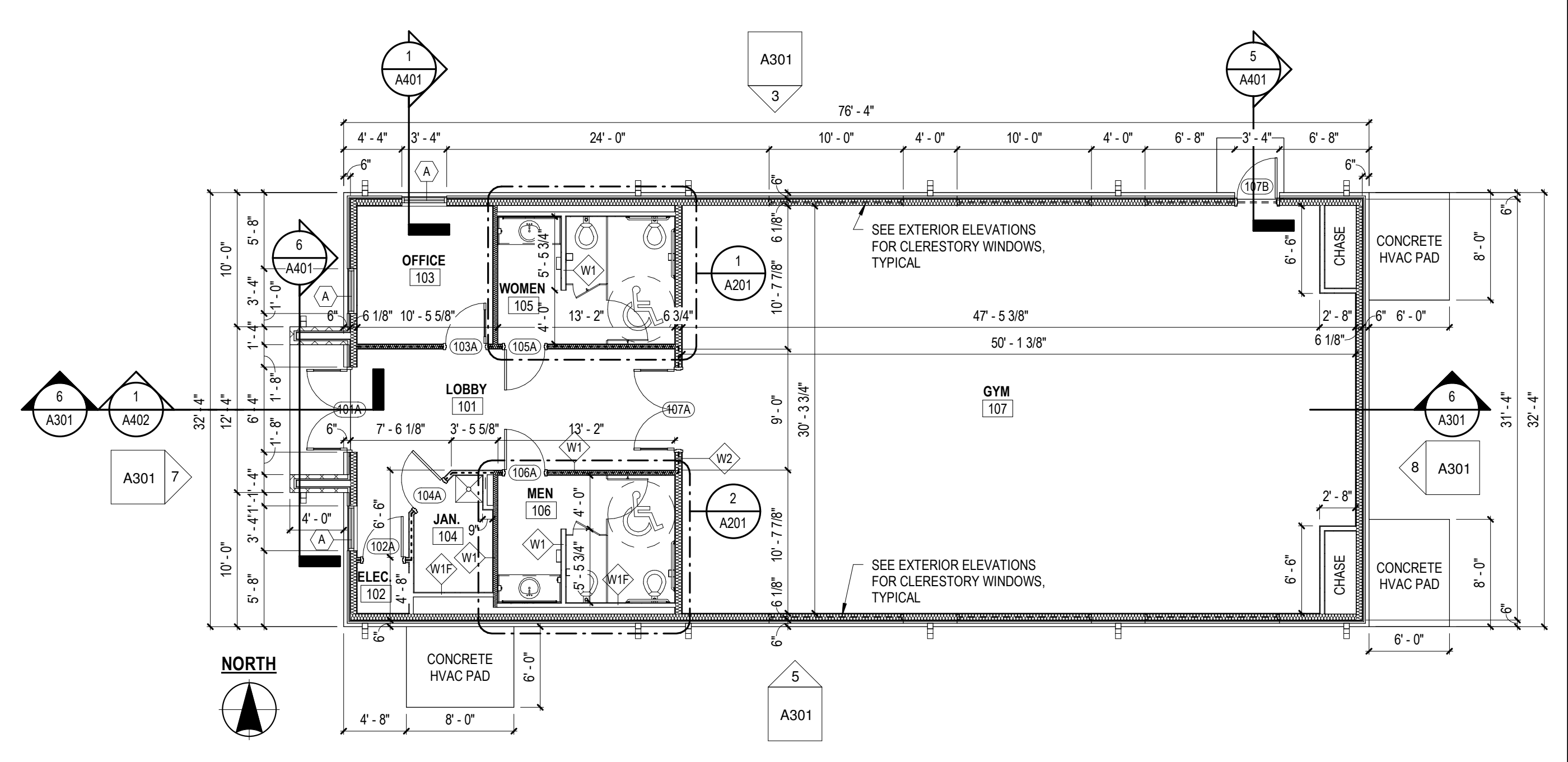
- PARTITION TYPICAL NOTES**
1. ALL CORRIDOR WALLS SHALL EXTEND TO BOTTOM CHORD OF ROOF TRUSS.
 2. AT WALLS WHICH RUN PARALLEL TO TRUSSES, PROVIDE 2x4 BLOCKING BETWEEN TRUSS CHORDS AT 48" O.C.
 3. ALL GYPSUM WALL BOARD SHALL BE 5/8" APPLIED HORIZONTALLY. PROVIDE FIRE-RATED WHERE SCHEDULED. STAGGER VERTICAL JOINTS.
 4. GYPSUM WALL BOARD ON WET WALLS TO RECEIVE PAINTED FINISH SHALL BE 5/8" WATER RESISTANT, FIRE RATED WHERE SCHEDULED, APPLIED HORIZONTALLY.



3 REFLECTED CEILING PLAN
1/8" = 1'-0"



2 INTERIOR PARTITION TYPES
1" = 1'-0"



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

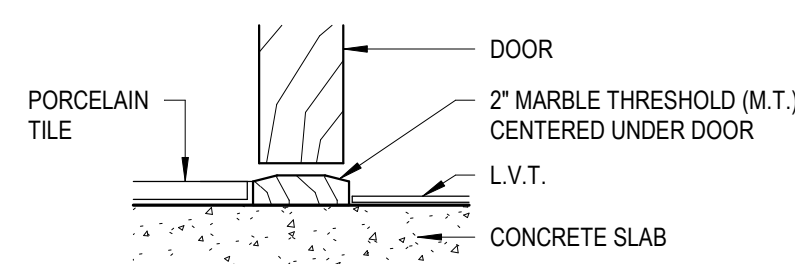
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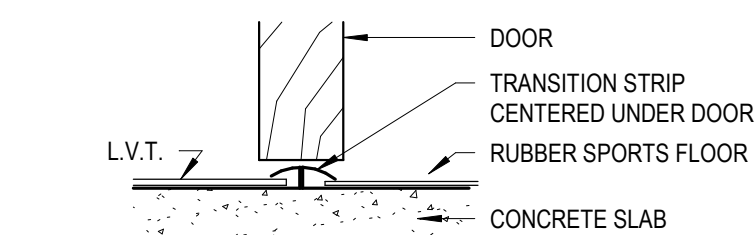


Sheet Name:
FLOOR PLAN, RCP, DOOR SCHEDULE, DETAILS
Project No:
2423
Date:
03/07/2025
Sheet No:

A101

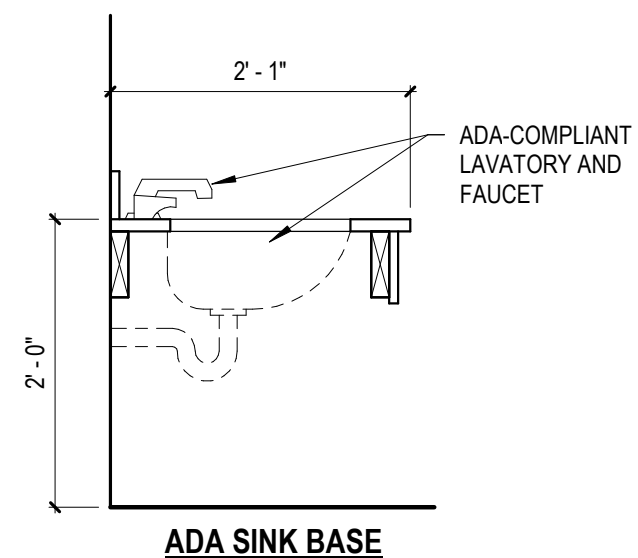


PORCELAIN TILE / MARBLE THRESHOLD / L.V.T.

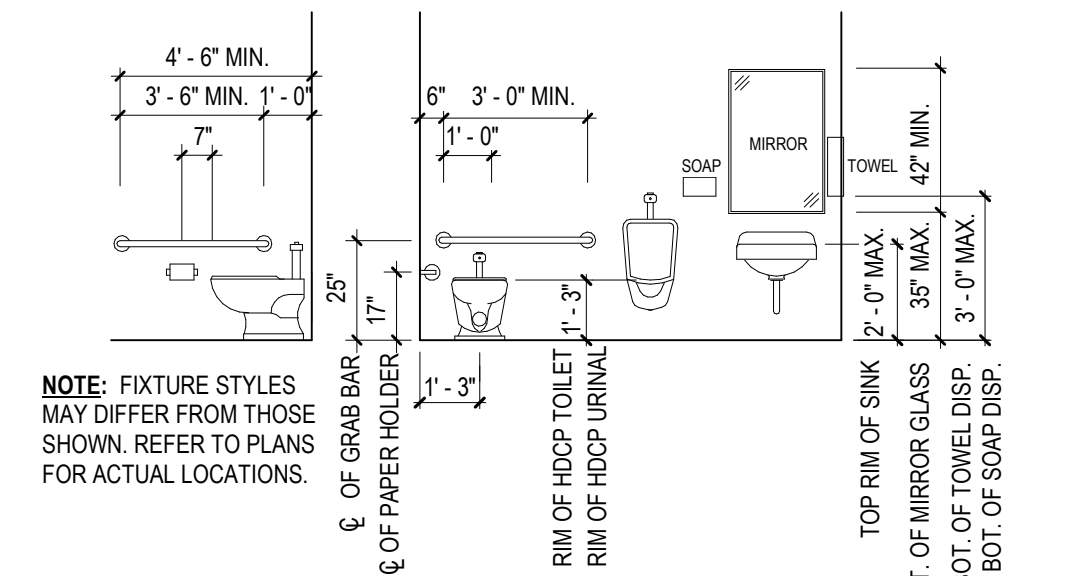


L.V.T. / RUBBER SPORTS FLOOR

13 TRANSITIONS AT FLOOR FINISHES
3" = 1'-0"



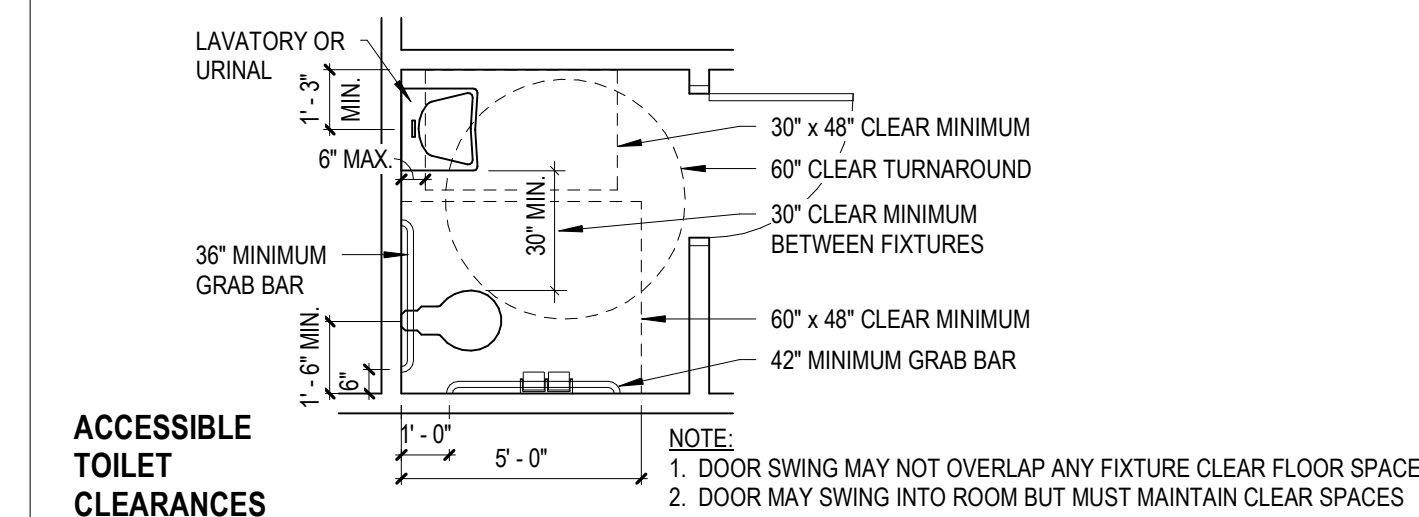
12 SECTION - ADA VANITY
3/4" = 1'-0"



NOTE: FIXTURE STYLES MAY DIFFER FROM THOSE SHOWN. REFER TO PLANS FOR ACTUAL LOCATIONS.

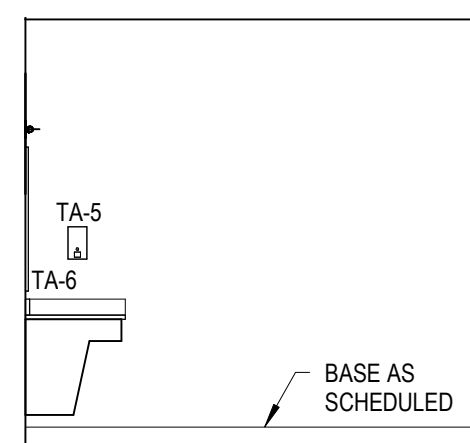
KINDERGARTEN

11 ADA MOUNTING HEIGHTS AND CLEARANCES
1/4" = 1'-0"

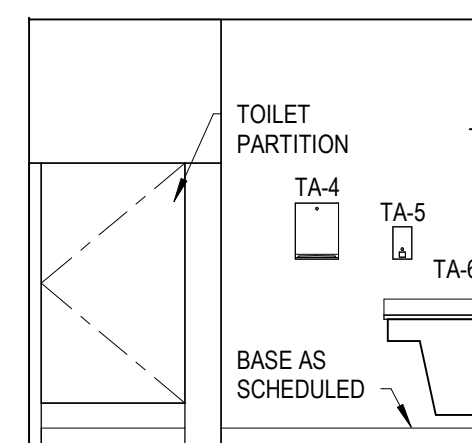


ACCESSIBLE TOILET CLEARANCES

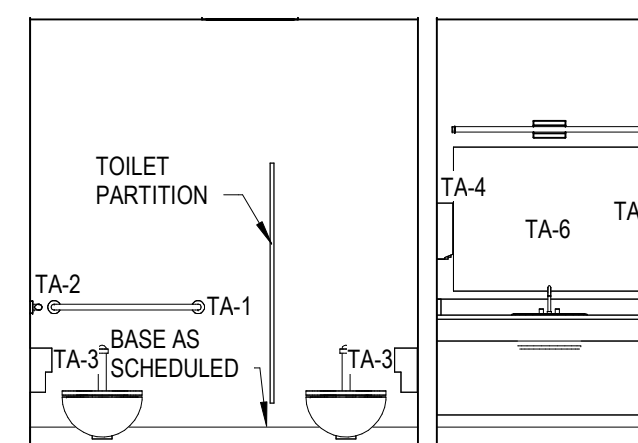
NOTE:
1. DOOR SWING MAY NOT OVERLAP ANY FIXTURE CLEAR FLOOR SPACE
2. DOOR MAY SWING INTO ROOM BUT MUST MAINTAIN CLEAR SPACES



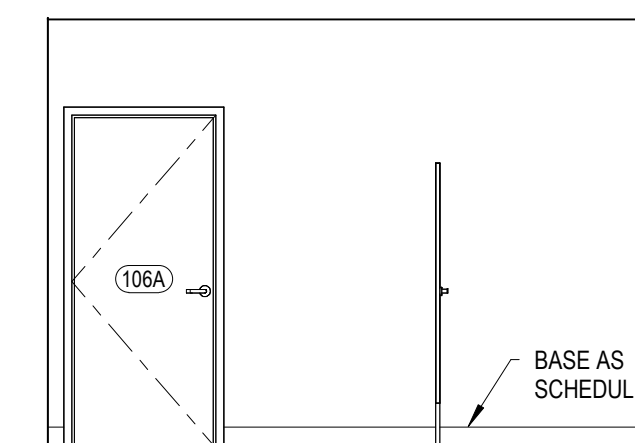
10 INT. ELEV. - MEN 106 - WEST WALL
1/4" = 1'-0"



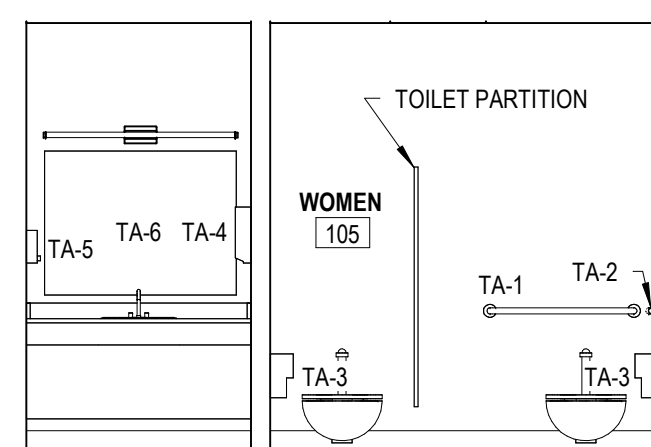
9 INT. ELEV. - MEN 106 - EAST WALL
1/4" = 1'-0"



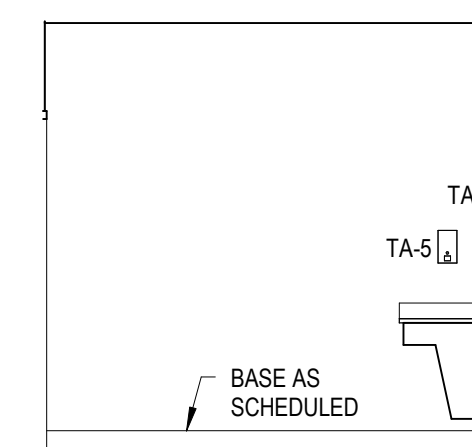
8 INT. ELEV. - MEN 106 - SOUTH WALL
1/4" = 1'-0"



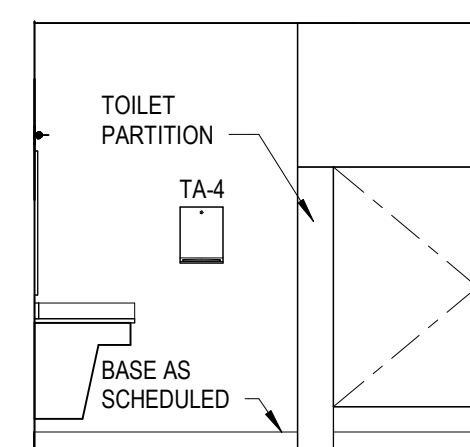
7 INT. ELEV. - MEN 106 - NORTH WALL
1/4" = 1'-0"



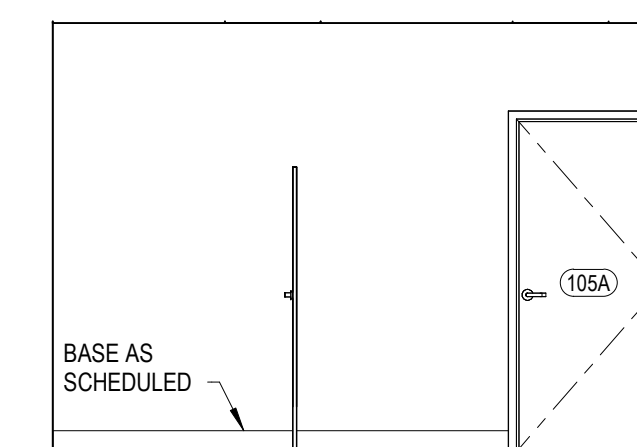
6 INT. ELEV. - WOMEN 105 - NORTH WALL
1/4" = 1'-0"



5 INT. ELEV. - WOMEN 105 - WEST WALL
1/4" = 1'-0"

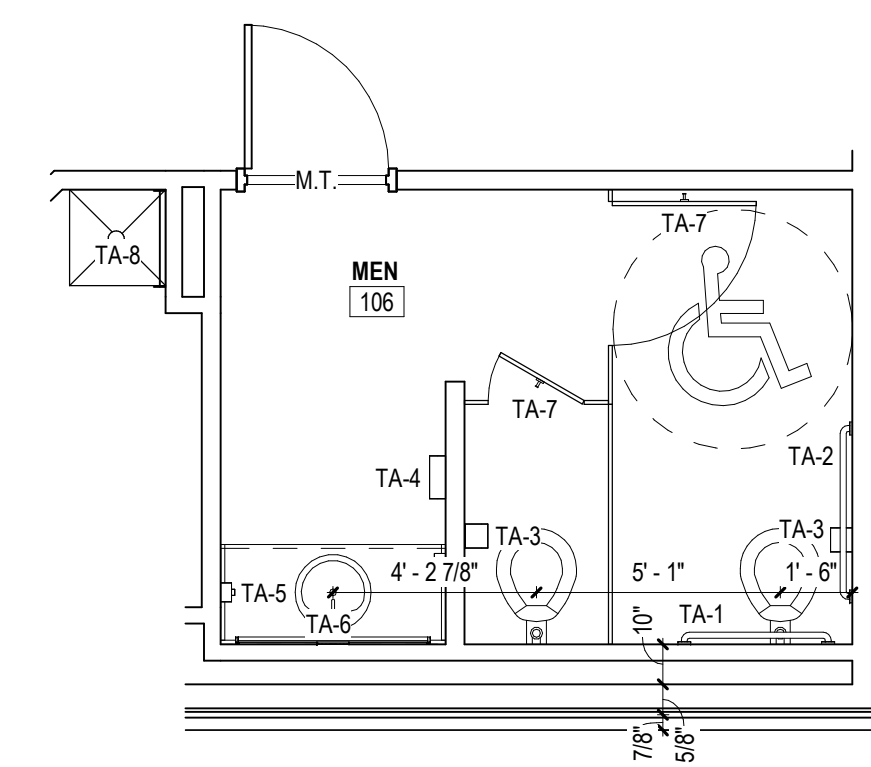


4 INT. ELEV. - WOMEN 105 - EAST WALL
1/4" = 1'-0"

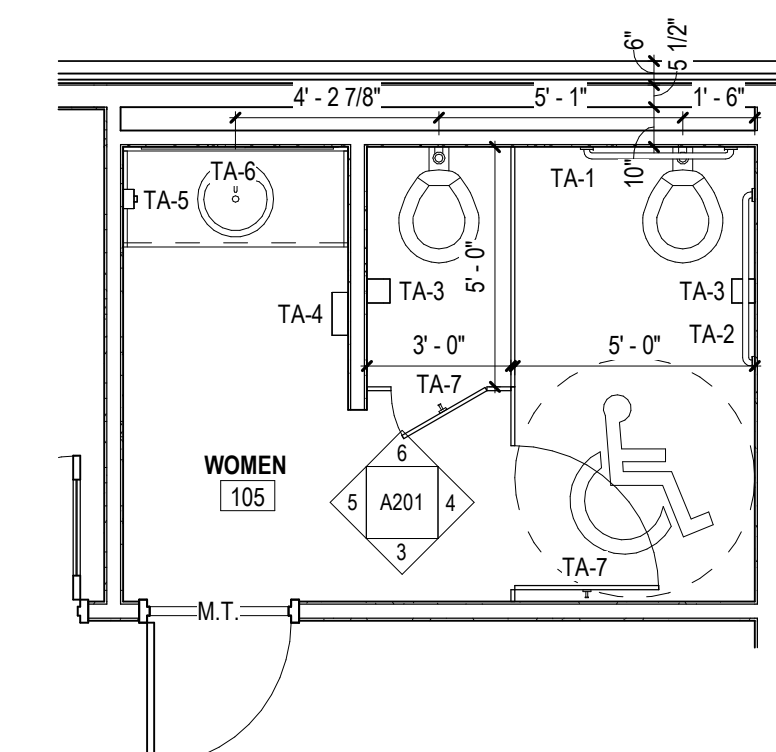


3 INT. ELEV. - WOMEN 105 - SOUTH WALL
1/4" = 1'-0"

TOILET ACCESSORIES SCHEDULE		
MARK	TOILET ACCESSORY	MANUFACTURER / MODEL NO.
TA-1	GRAB BAR 36"	BOBRICK # B-6806 x 36
TA-2	GRAB BAR 42"	BOBRICK # B-6806 x 42
TA-3	TOILET PAPER DISPENSER	O.F.C.I.
TA-4	PAPER TOWEL DISPENSER	O.F.C.I.
TA-5	SOAP DISPENSER	O.F.C.I.
TA-6	MIRROR, FRAMED - 48"W x 36"H	BOBRICK # B165 4836
TA-7	COAT HOOK	BOBRICK # B-6707
TA-8	MOP AND BROOM HOLDER	BOBRICK # B-223 x 24



2 ENLARGED PLAN - MEN 106
1/4" = 1'-0"



1 ENLARGED PLAN - WOMEN 105
1/4" = 1'-0"

Revisions:

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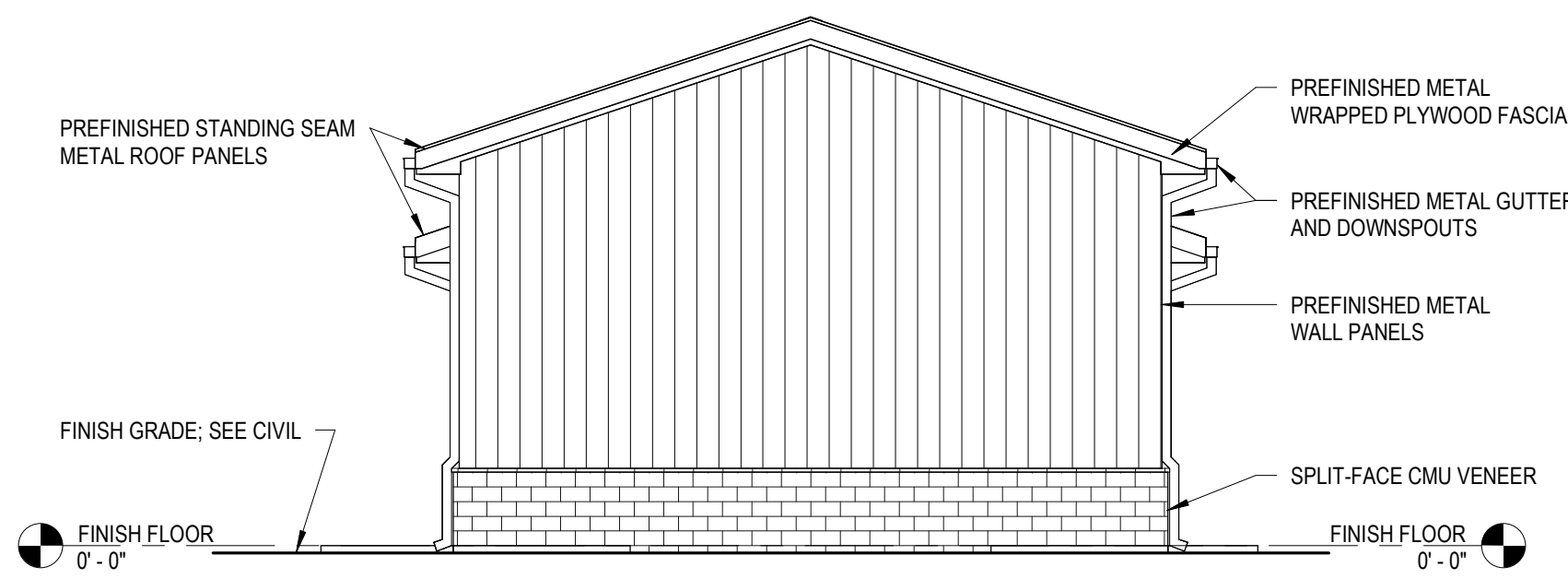
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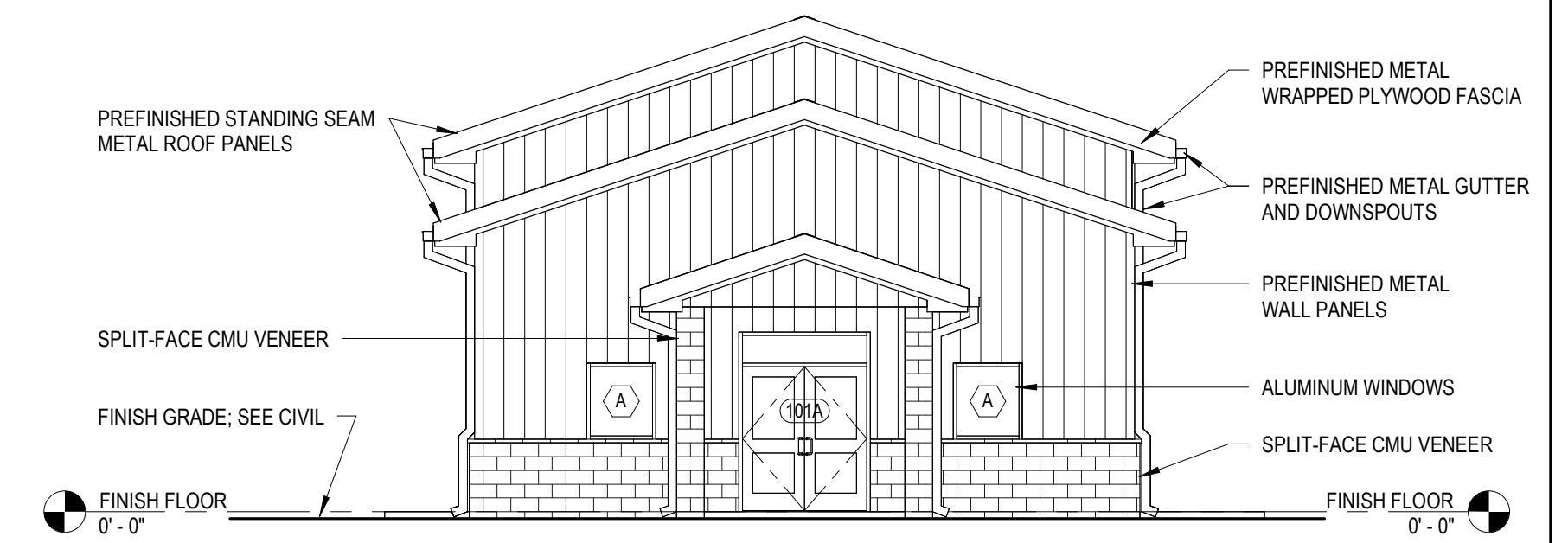
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ROOM FINISH SCHEDULE / ENLARGED PLANS / INT. ELEVATIONS
Project No: 2423
Date: 03/07/2025

Sheet No:
A201

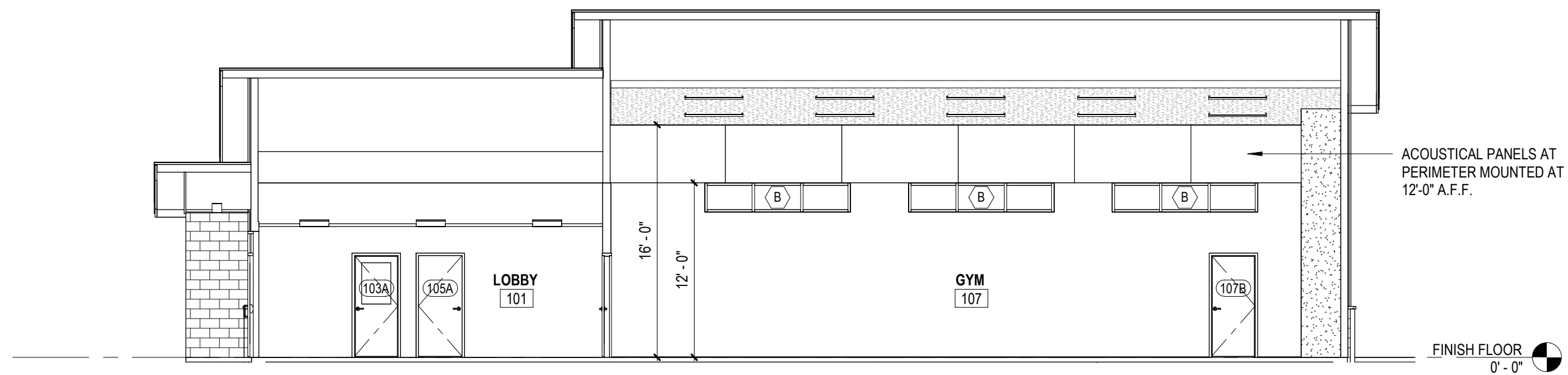
Revisions:



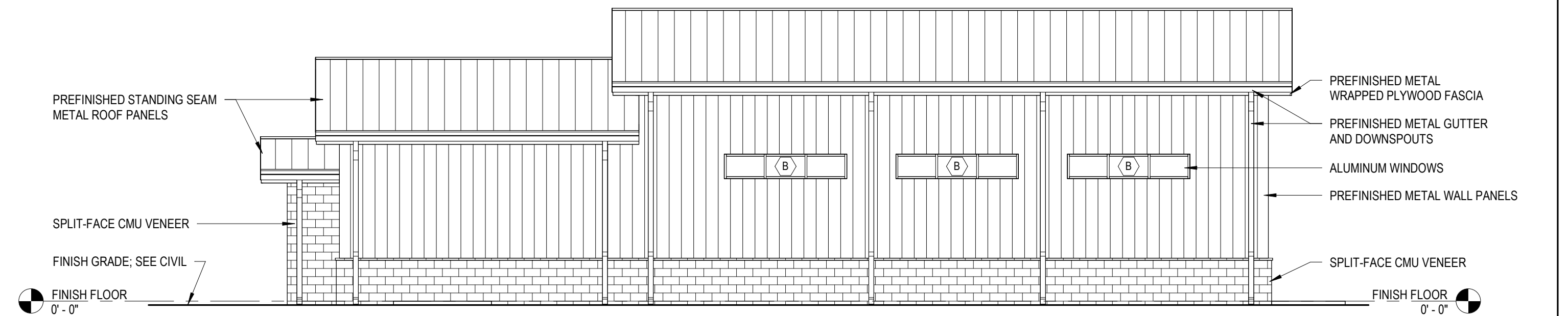
8 EAST ELEVATION
1/8" = 1'-0"



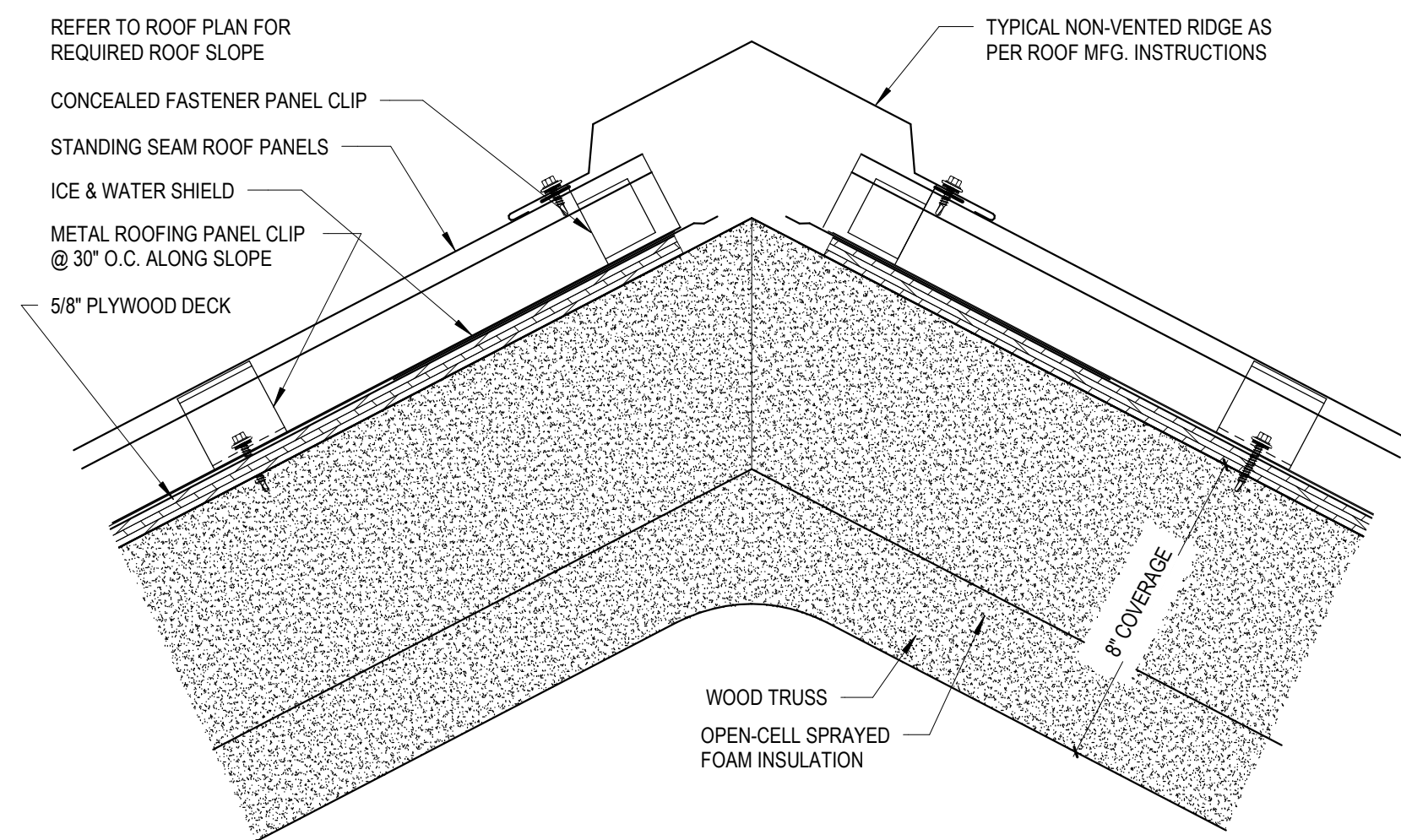
7 WEST ELEVATION
1/8" = 1'-0"



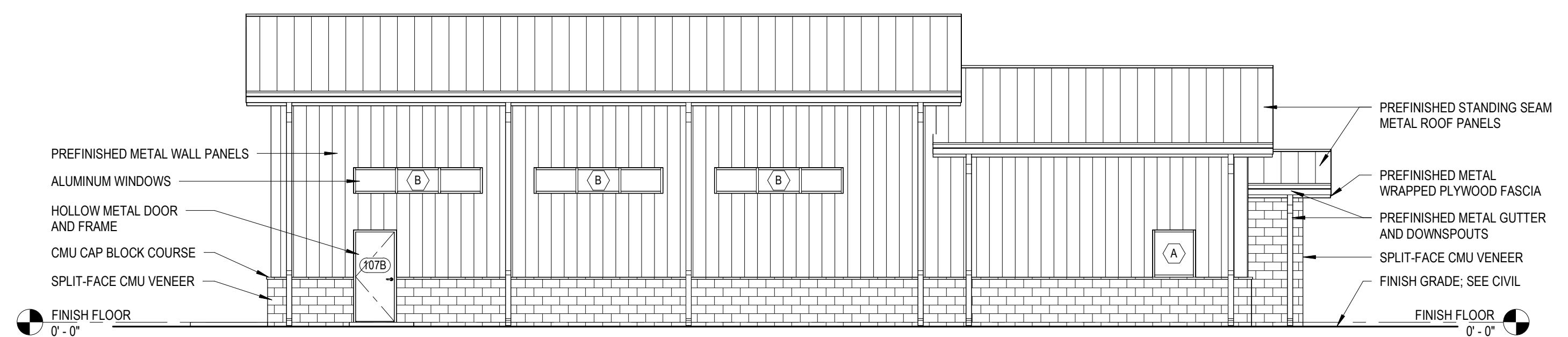
6 BUILDING SECTION
1/8" = 1'-0"



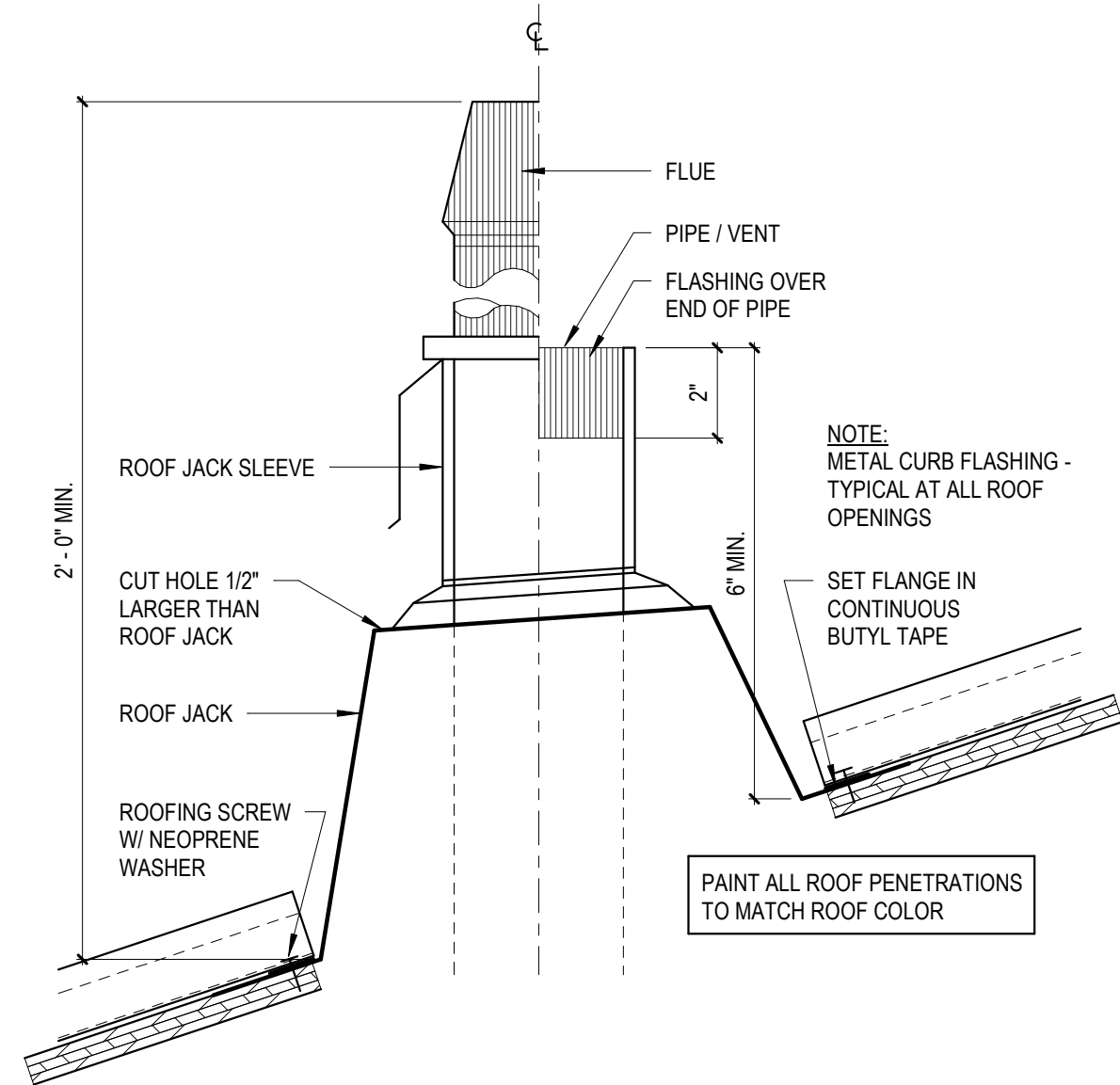
5 SOUTH ELEVATION
1/8" = 1'-0"



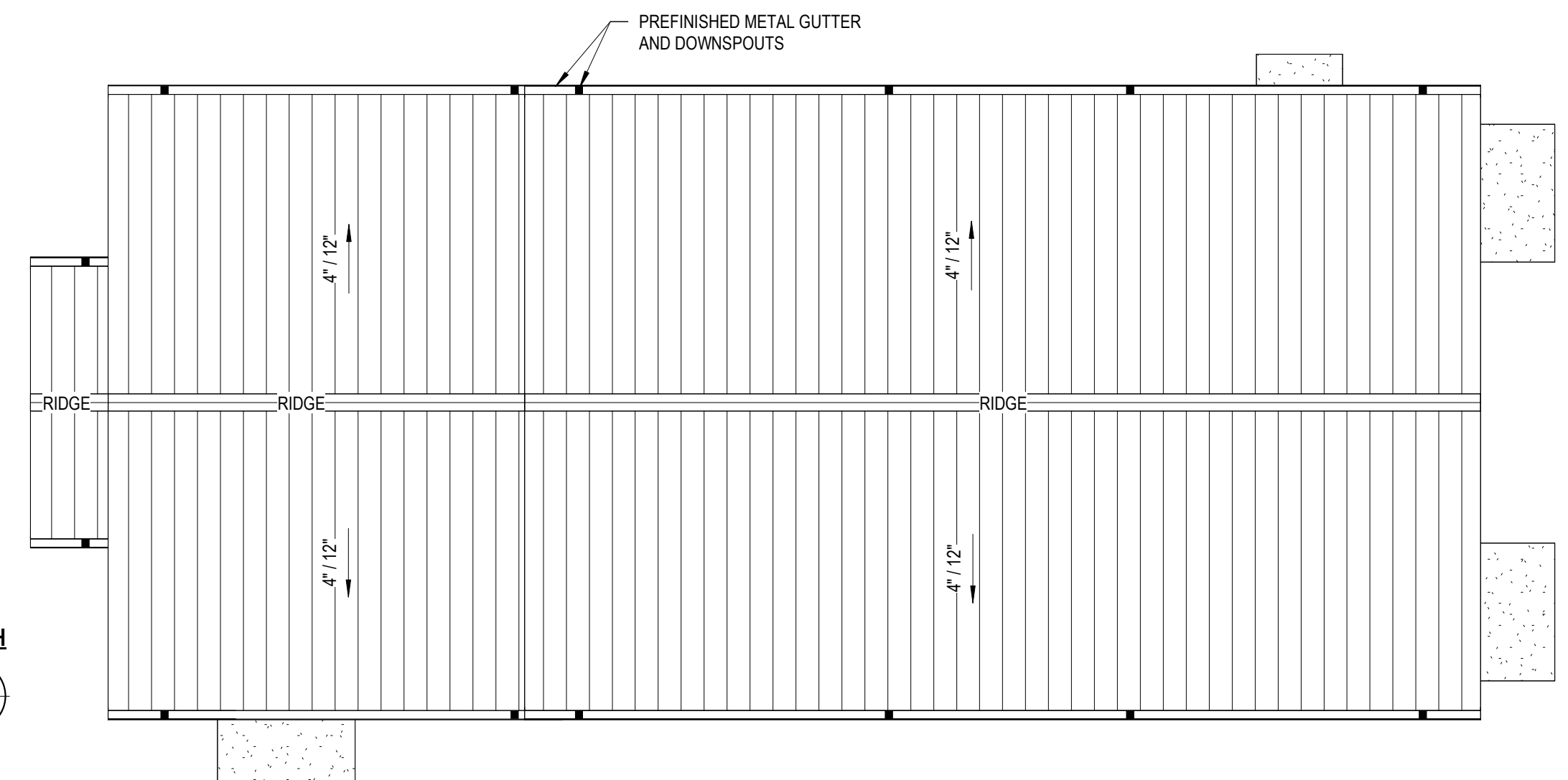
4 NON-VENTED RIDGE DETAIL
3" = 1'-0"



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



2 VENT / FLUTE - PENETRATION DETAIL
3" = 1'-0"



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

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Sheet Name:
ROOF PLAN / EXT. ELEVATIONS / BUILDING SECTION
Project No: 2423 Date: 03/07/2025
Sheet No:

A301

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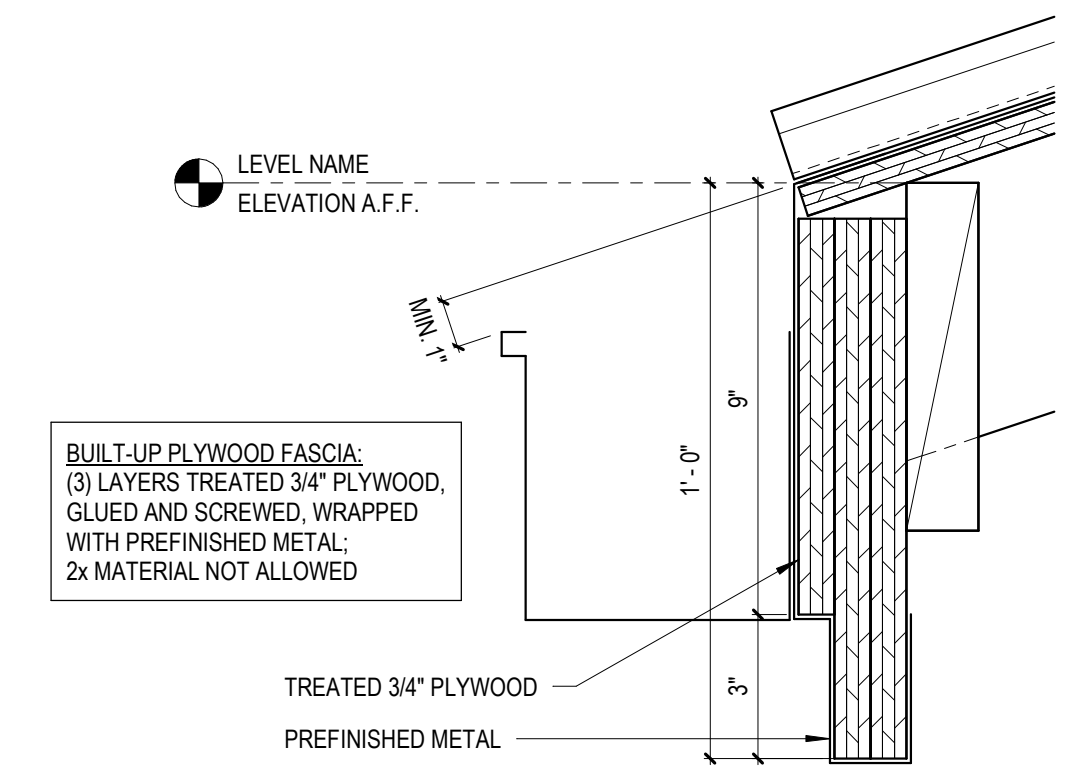


Sheet Name:
WALL SECTIONS / DETAILS

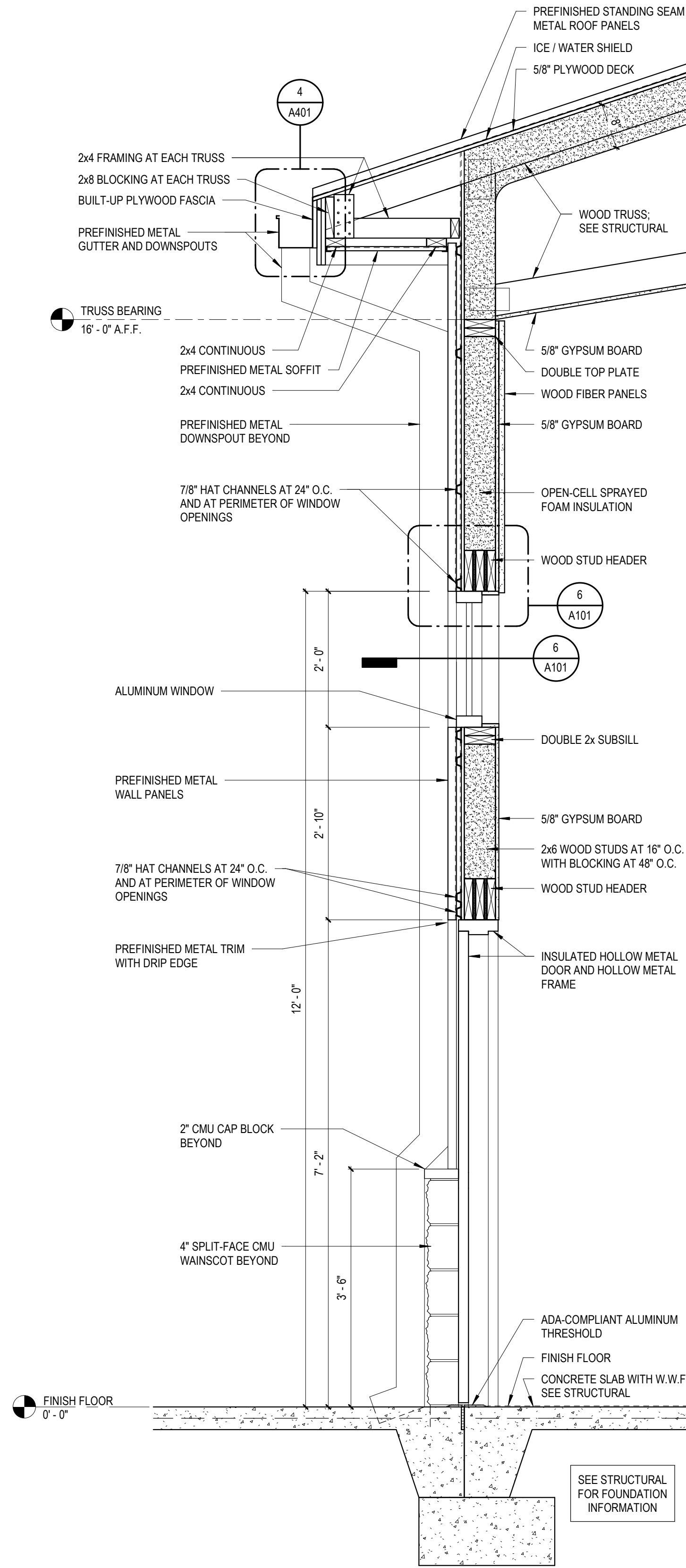
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Sheet No:

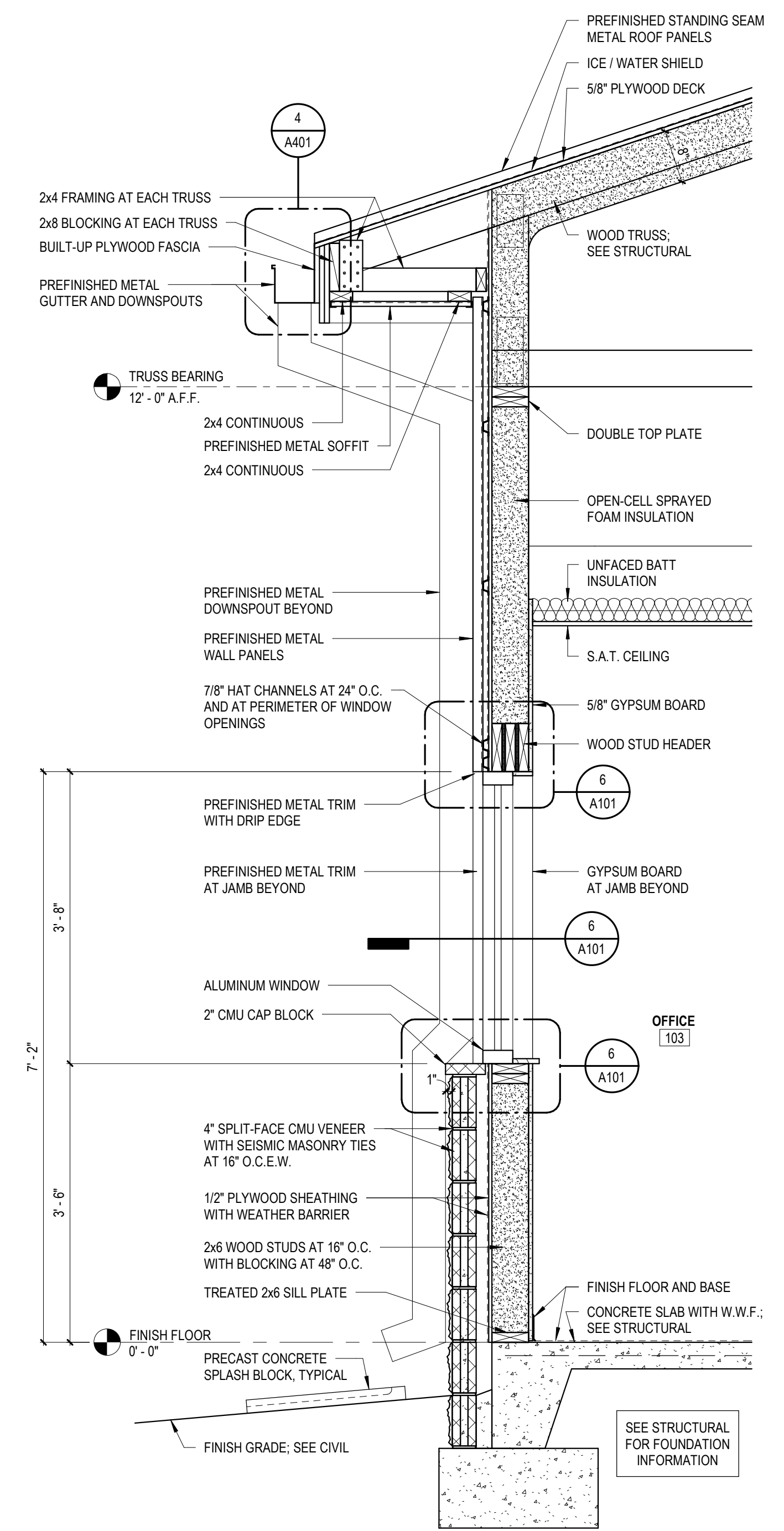
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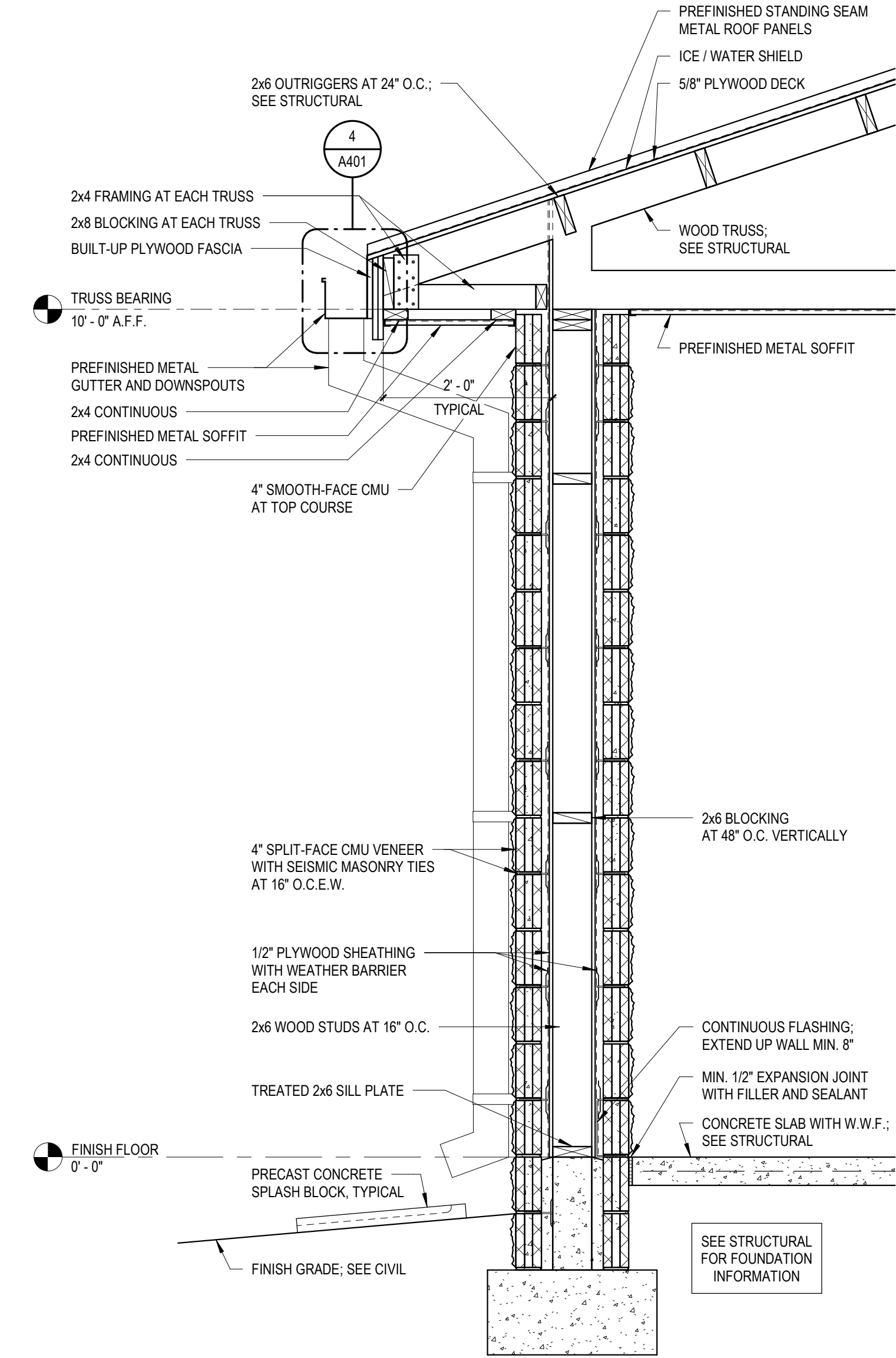
4 FASCIA DETAIL
3/4" = 1'-0"



5 WALL SECTION - AT GYMNASIUM
3/4" = 1'-0"



1 WALL SECTION - AT OFFICE 103
3/4" = 1'-0"



6 WALL SECTION - AT WING WALLS
3/4" = 1'-0"

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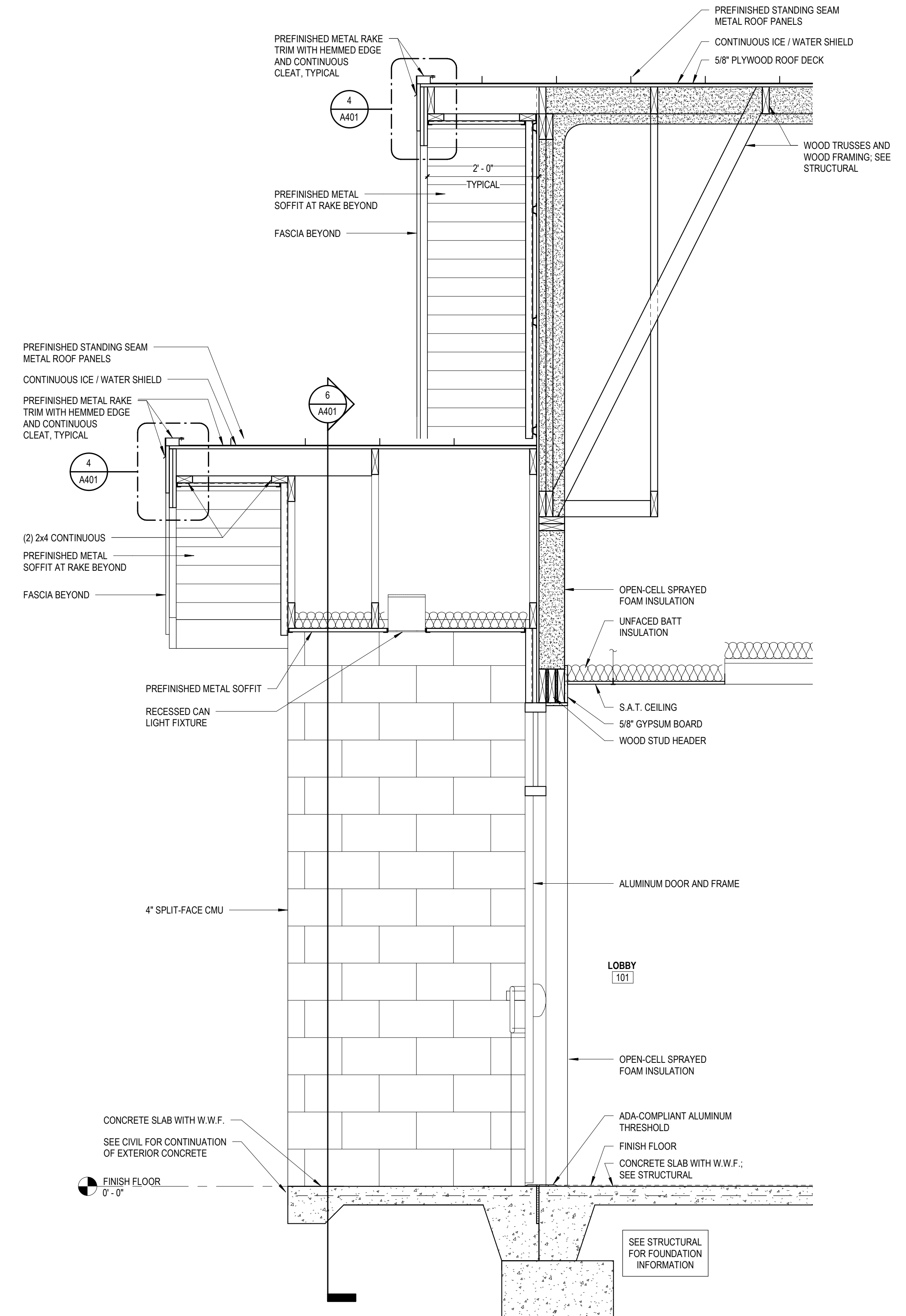
Corporate Seal

Sheet Name:
WALL SECTIONS / DETAILS

Project No: 2423 Date: 03/17/25

Sheet No:

A402



1 WALL SECTION - AT FRONT ENTRY
3/4" = 1'-0"

STRUCTURAL NOTES

GENERAL NOTES

- THE CONTRACTOR SHALL THOROUGHLY REVIEW ALL CONTRACT DOCUMENTS AND INFORM THE ARCHITECT OF CONFLICTS OR DISCREPANCIES PRIOR TO BIDDING, FABRICATION, AND CONSTRUCTION.
- IN CASES OF DISCREPANCIES IN DIMENSIONS AND ELEVATIONS BETWEEN STRUCTURAL AND ARCHITECTURAL DRAWINGS, CONTRACTOR SHALL COORDINATE WITH THE ARCHITECT PRIOR TO FABRICATION AND CONSTRUCTION.
- THE CONTRACTOR SHALL COORDINATE THE FIELD VERIFICATION OF ALL EXISTING SITE CONDITIONS SUCH AS EXISTING FLOOR ELEVATIONS, EXISTING FOOTING ELEVATIONS, EXISTING UTILITIES, ETC. WHETHER NOTED OR NOT IN THE CONTRACT DOCUMENTS AND SHALL NOTIFY THE ARCHITECT OF ANY CONFLICTS, DISCREPANCIES, OR UNKNOWN CONDITIONS PRIOR TO FABRICATION AND CONSTRUCTION.
- REPRODUCTION OF CONTRACT DRAWINGS, IN ANY FORM, WILL NOT BE ACCEPTED AS SHOP DRAWINGS.
- REVIEW OF SUBMITTALS AND/OR SHOP DRAWINGS BY THE STRUCTURAL ENGINEER-OF-RECORD DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY TO REVIEW AND CHECK SHOP DRAWINGS FOR ERRORS AND OMISSIONS ASSOCIATED WITH THE PREPARATION OF SHOP DRAWINGS AS THEY PERTAIN TO MEMBER SIZES, DETAILS, AND DIMENSIONS SPECIFIED IN THE CONTRACT DOCUMENTS. CONTRACTOR ALSO SHALL BE RESPONSIBLE FOR ALL MEANS, METHODS, TECHNIQUES, AND PROCEDURES OF CONSTRUCTION.
- CONTRACTOR SHALL PROVIDE TEMPORARY GUYS AND BRACING AS REQUIRED DURING CONSTRUCTION. STRUCTURE IS NOT STABLE UNTIL ALL STRUCTURAL MEMBERS, CONNECTIONS, AND DECKING ARE IN PLACE.
- IF SLAB-ON-GRADE CONTROL JOINT LOCATIONS ARE NOT SHOWN ON PLANS, PROVIDE SAWN CONTROL JOINTS AT 15'-0" ON CENTER MAXIMUM SPACING IN A PATTERN THAT WILL REDUCE SLAB-ON-GRADE CRACKS UNLESS NOTED OTHERWISE ON DRAWINGS. COORDINATE LOCATIONS WITH ARCHITECT AND ENGINEER. RAISED SLAB ON METAL DECK SHALL NOT HAVE CONTROL JOINTS.
- ACI, AISC, AITC, AND AWS SPECIFICATIONS SHALL GOVERN ALL PHASES OF FABRICATION AND CONSTRUCTION.

SITE CONSTRUCTION NOTES

SPREAD FOOTINGS

- ALL UNDERCUTTING, SITE PREPARATION, FILL SELECTION, BACKFILLING AND COMPACTION SHALL BE PERFORMED IN STRICT ACCORDANCE WITH THE SPECIFICATIONS AND SOILS ENGINEER'S RECOMMENDATIONS.
- BOTTOM OF FOOTING ELEVATIONS (BF) SHOWN ON THE PLANS ARE FOR ESTIMATING PURPOSES ONLY AND ARE NOT NECESSARILY TO BE USED FOR CONSTRUCTION. THE SOILS ENGINEER OR THEIR REPRESENTATIVE SHALL BE ENGAGED TO INSPECT ALL FOOTING EXCAVATIONS TO VERIFY THAT THE REQUIRED ALLOWABLE BEARING CAPACITY IS ATTAINABLE. BOTTOM OF FOOTING ELEVATIONS SHALL BE ADJUSTED PER THE ON-SITE RECOMMENDATIONS OF THE SOILS ENGINEER OR THEIR REPRESENTATIVE.
- ALL SPREAD FOOTING EXCAVATIONS SHALL BE FOUNDED IN PROPERLY COMPACTED SELECT FILL OR IN THE NATURAL SOILS WITH AN ALLOWABLE NET BEARING CAPACITY OF AT LEAST 2000 PSF.
- CONTRACTOR SHALL RETAIN THE SERVICES OF A GEOTECHNICAL ENGINEER REGISTERED IN THE STATE IN WHICH THE PROJECT IS LOCATED TO PROVIDE GEOTECHNICAL ENGINEERING SERVICES AS REQUIRED.
- MAINTAIN FINISHED GRADE (AND/OR BOTTOM OF FOOTING ELEVATIONS) TO PROVIDE AT LEAST 1'-6" COVER ABOVE THE BOTTOM OF ALL EXTERIOR FOOTINGS.

CONCRETE NOTES

CONCRETE REINFORCEMENT

- CONCRETE REINFORCEMENT SUPPLIER SHALL SUBMIT SHOP DRAWINGS TO THE ARCHITECT FOR REVIEW PRIOR TO CONSTRUCTION.
- ALL REINFORCING STEEL SHALL BE ASTM A615, GRADE 60, UNLESS NOTED OTHERWISE. ALL WELDABLE REINFORCING STEEL SHALL BE ASTM A706, GRADE 60.
- PROVIDE THE FOLLOWING PROTECTIVE COVERING FOR ALL REINFORCING BARS UNLESS DETAILED OR NOTED OTHERWISE:

SLAB-ON-GRADE BARS (BOTTOM) 3" CLEAR
BELOW GRADE (CAST AGAINST EARTH) 3" CLEAR
BELOW GRADE (FORM EDGE) 2" CLEAR
- DO NOT CUT TIES OR CONTINUOUS BARS TO PROVIDE CLEARANCE FOR EMBEDDED ITEMS OR OTHER OBSTRUCTIONS. INDIVIDUAL BARS AND TIES MAY BE MOVED VERTICALLY UP TO 1.5' AS REQUIRED TO PROVIDE CLEARANCE FOR EMBEDS, HOOKS, ETC. DO NOT HEAT REINFORCING TO BEND IT.
- IF DOWELS OR VERTICAL REINFORCING ARE CUT OR SEVERELY BENT, CONTRACTOR MAY BE REQUIRED TO REMOVE THE CONCRETE BACK TO THE PREVIOUS POUR JOINT AND REPLACE THE DAMAGED BARS AND CONCRETE AT THE CONTRACTOR'S EXPENSE.
- REINFORCEMENT SHALL BE SPLICED ONLY AS SHOWN OR NOTED IN THE STRUCTURAL CONTRACT DOCUMENTS. SPLICES AT OTHER LOCATIONS SHALL BE APPROVED IN WRITING BY THE STRUCTURAL ENGINEER-OF-RECORD PRIOR TO FABRICATION.
- REINFORCING BARS MARKED AS CONTINUOUS SHALL BE SPLICED WITH CLASS "B" TENSION LAP SPLICES ONLY.

SIZE	3000 PSI CLASS B		4000 PSI CLASS B	
	TOP	OTHER	TOP	OTHER
#3	2'-4"	1'-10"	2'-0"	1'-7"
#4	3'-1"	2'-5"	2'-8"	2'-1"
#5	3'-11"	3'-0"	3'-4"	2'-7"
#6	4'-8"	3'-7"	4'-0"	3'-1"

- ALL TENSION LAP SPLICES SHALL BE CLASS "B" UNLESS NOTED OTHERWISE.
- WELDED WIRE REINFORCEMENT SHALL CONFORM TO ASTM A185. LAP REINFORCEMENT 8" ON SIDES AND ENDS. MAINTAIN WIRE 1 TO 2 INCHES BELOW TOP SURFACE OF SLAB-ON-GRADE, UNLESS NOTED OTHERWISE. WELDED WIRE REINFORCEMENT MUST BE PLACED ON CHAIRS OR BOLSTERS AS REQUIRED TO MAINTAIN POSITION IN THE SLAB.
- ALL REINFORCEMENT SHALL BE PLACED ON CHAIRS, BOLSTERS, AND/OR CONCRETE MASONRY UNITS AS REQUIRED TO MAINTAIN POSITION. NO CLAY MASONRY UNITS WILL BE ACCEPTED FOR THIS APPLICATION.
- ONCE SHOP DRAWINGS HAVE BEEN REVIEWED, DO NOT ADD REINFORCING OR INFORMATION TO PREVIOUSLY SUBMITTED SHEETS FOR SUBSEQUENT SUBMITTALS UNLESS SHOP DRAWINGS ARE BEING RESUBMITTED AFTER BEING RETURNED "NOT REVIEWED".
- WHERE ANCHOR RODS ARE CAST INTO CONCRETE, PROVIDE SUPPLEMENTAL REINFORCING EACH WAY, TIED NEAR THE TOP AND BOTTOM OF ALL ANCHOR RODS TO THE ADJACENT REBAR TO SECURE RODS DURING CONCRETE PLACEMENT (MINIMUM SIZE #4).
- IF IT IS NECESSARY FOR PLUMBING TO PASS THROUGH FOOTINGS, PLACE IN PIPE PENETRATION SLEEVE. DO NOT PLACE PLUMBING PARALLEL TO AND INSIDE OF FOOTING.
- IF IT IS NECESSARY FOR PLUMBING TO PASS THROUGH GRADE BEAMS HORIZONTALLY, LOCATE IN MIDDLE 1/3 OF BEAM AND PLACE IN PIPE PENETRATION SLEEVE. DO NOT PENETRATE BEAM VERTICALLY.

CAST-IN-PLACE CONCRETE

- CONCRETE SUPPLIER SHALL SUBMIT CONCRETE MIX DESIGN DATA TO THE ARCHITECT FOR REVIEW PRIOR TO CONSTRUCTION.
- CONCRETE SHALL HAVE AT LEAST THE FOLLOWING MINIMUM COMPRESSIVE STRENGTHS AT 28 DAYS:
A. FOOTINGS AND GRADE BEAMS 3000 PSI
B. SLAB-ON-GRADE AND PEDESTALS 4000 PSI
- MIX DESIGN SHALL INCLUDE AT LEAST THE FOLLOWING AMOUNTS OF PORTLAND CEMENT MEETING ASTM C150 OR D595 PER CUBIC YARD OF CONCRETE.

28 DAY COMPRESSIVE STRENGTH	NON-AIR ENTRAINED		AIR ENTRAINED		SLUMP	AGGREGATE TYPE
	MIN. CEMENT CONTENT (LBS./YD ³)	MAXIMUM PERMISSIBLE W/C RATIO	MIN. CEMENT CONTENT (LBS./YD ³)	MAXIMUM PERMISSIBLE W/C RATIO		
3000 PSI	470	0.53	517	0.46	6"	REGULAR ROCK
4000 PSI	564	0.44	611	0.40	6"	LIMESTONE

- PROPORTIONS OF CONCRETE MIX DESIGNS SHALL BE DETERMINED BY THE PROCEDURES ESTABLISHED IN THE CURRENT VERSION OF ACI.
- MIX DESIGN MAY INCLUDE (TYPE C) FLYASH AS A REPLACEMENT FOR PORTLAND CEMENT UP TO A MAXIMUM OF 20% OF THE TOTAL CEMENTITIOUS MATERIAL. DO NOT USE A FLYASH CONTAINING CONCRETE MIX WHEN THE TEMPERATURE DURING PLACEMENT OR CURING IS PROJECTED TO FALL BELOW 60° FAHRENHEIT.
- MIX DESIGN MAY INCLUDE WATER REDUCING ADMIXTURES CONFORMING TO ASTM C494, TYPE A, TO PROVIDE WORKABILITY AND SPECIFIED SLUMP WITHOUT EXCEEDING SPECIFIED WATER/CEMENT RATIOS.
- ALL CONCRETE EXPOSED TO WEATHER SHALL CONTAIN 5.5% AIR ENTRAINMENT (±1.5%), DO NOT EXCEED 3% AIR CONTENT IN CONCRETE RECEIVING A STEEL TROWEL FINISH.

METAL NOTES

CONNECTIONS

- ALL ANCHOR RODS SHALL BE ASTM F1554, GRADE 36 UNLESS NOTED OTHERWISE.
- STRUCTURAL BOLTS SHALL BE ASTM A325-N UNLESS NOTED OTHERWISE.
- BOLTS THRU WOOD BLOCKING SHALL BE ASTM A307. ALL BOLTS IN CONTACT WITH TREATED WOOD SHALL BE STAINLESS STEEL (TYPE 316L) OR HOT DIPPED GALVANIZED WITH A MINIMUM COATING THICKNESS OF 0.2 OUNCES PER SQUARE FOOT (ASTM A153). USE STAINLESS BOLTS WITH STAINLESS STEEL CONNECTORS AND GALVANIZED BOLTS WITH GALVANIZED CONNECTORS IF ONLY ONE IS SPECIFIED.
- POST-INSTALLED ADHESIVE ANCHORS SHALL BE STANDARD HAS-E CARBON STEEL ANCHORS (OR APPROVED EQUAL) WITH A MINIMUM STEEL YIELD STRENGTH OF FY=58 KSI OR ASTM F593 STAINLESS STEEL ANCHORS WITH A MINIMUM STEEL YIELD STRENGTH OF FY=45 KSI, UNLESS SHOWN OTHERWISE ON THE DRAWINGS. ADHESIVE SHALL BE SIMPSON STRONG TIE 'SET-3G' EPOXY SYSTEM (OR APPROVED EQUAL) IN CONCRETE OR FILLED CMU CELLS AND SIMPSON STRONG TIE 'AT' EPOXY SYSTEM (OR APPROVED EQUAL) IN HOLLOW CMU OR CLAY MASONRY.

WOOD NOTES

LUMBER

- ALL WOOD MEMBERS THAT ARE IN CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESSURE TREATED WITH WATER BORNE TREATMENT TO A NET RETENTION OF 0.3 POUNDS PER CUBIC FOOT. STRUCTURAL MEMBERS ARE SIZED TO EXCLUDE INCISING DURING THE PRESERVATIVE TREATMENT PROCESS. IF INCISING IS USED DURING THE PRESERVATIVE TREATMENT PROCESS THE ENGINEER SHALL BE NOTIFIED TO ALLOW FOR A REVIEW OF STRUCTURAL SIZES. (SEE STRUCTURAL STEEL FRAMING NOTE #5 FOR BOLTS IN CONTACT WITH PRESERVATIVE TREATED WOOD).
- ALL STRUCTURAL LUMBER EXCEPT LOAD BEARING STUDS SHALL BE #2 KD SOUTHERN PINE.
- LUMBER USED FOR LOAD BEARING STUDS MAY BE #2 KD SOUTHERN PINE, #1 HEM-FIR, #1 SPRUCE-PINE-FIR, OR CONSTRUCTION GRADE SPRUCE-PINE-FIR. (LUMBER MUST HAVE STAMP CLEARLY STATING THE LUMBER GRADE AND GRADING AGENCY.)
- PROVIDE COLUMNS BUILT-UP OF MULTIPLE STUDS AT ENDS OF ALL HEADERS AND BEAMS (2 STUDS MINIMUM).
- PROVIDE 2x4 OR 2x6 SOLID WOOD BLOCKING AT ALL RIDGES, VALLEYS & HIPS. PROVIDE 2x8 RAFTERS AT 24" ON CENTER AT ALL ROOF OVERBUILDS. PROVIDE 2x4 OR 2x6 OUTRIGGERS AT ALL OVERHANGS AND PROVIDE SOLID BLOCKING BETWEEN OUTRIGGERS AT SUPPORT.
- BOLTS THRU WOOD BLOCKING SHALL BE ASTM A307. ALL BOLTS IN CONTACT WITH TREATED WOOD SHALL BE STAINLESS STEEL (TYPE 316L) OR HOT DIPPED GALVANIZED WITH A MINIMUM COATING THICKNESS OF 0.2 OUNCES PER SQUARE FOOT (ASTM A153). USE STAINLESS BOLTS WITH STAINLESS STEEL CONNECTORS AND GALVANIZED BOLTS WITH GALVANIZED CONNECTORS IF ONLY ONE IS SPECIFIED.

STRUCTURAL PANELS

- ROOF SHEATHING SHALL BE 5/8", 5-PLY, C-D INT-APA RATED PLYWOOD WITH EXTERIOR GLUE (SPAN INDEX 40/20). ATTACHMENT SHALL BE WITH 10d COMMON NAILS AT 6" ON CENTER AT SUPPORTED EDGES AND AT 12" ON CENTER ALONG ALL INTERMEDIATE SUPPORTS. PLYCLIPS SHALL BE USED AT ALL FREE EDGES, ONE AT MID-POINT BETWEEN ALL SUPPORTS.
- INTERIOR AND EXTERIOR WALLS SHOWN ARE SHEAR WALLS. CONSTRUCTION SHALL BE 1/2", 5-PLY, C-D INT-APA RATED PLYWOOD WITH EXTERIOR GLUE (SPAN INDEX 24/16). ATTACHMENT SHALL BE WITH 8d COMMON NAILS AT 6" ON CENTER AT SUPPORTED EDGES AND AT 12" ON CENTER ALONG ALL INTERMEDIATE SUPPORTS. ALL EDGES SHALL BE BLOCKED. WALLS SHOWN SHALL EXTEND FULL HEIGHT FROM SLAB TO BOTTOM OF TRUSSES WITH FULL LENGTH STUDS (DO NOT SPLICE STUDS).
- PNEUMATIC NAILING FOR WOOD SHEATHING MAY BE SUBSTITUTED FOR COMMON NAILS UNDER THE FOLLOWING CONDITIONS:
A. PNEUMATIC NAIL SUBSTITUTE FOR 8d COMMON NAILS SHALL HAVE A MINIMUM DIAMETER OF 0.131 INCHES AND LENGTH OF 2-1/2 INCHES.
B. PNEUMATIC NAIL SUBSTITUTE FOR 10d COMMON NAILS SHALL HAVE A MINIMUM DIAMETER OF 0.148 INCHES AND LENGTH OF 3 INCHES.

T-HEAD NAILS OR STAPLES ARE NOT ACCEPTABLE

PRE-ENGINEERED WOOD TRUSSES

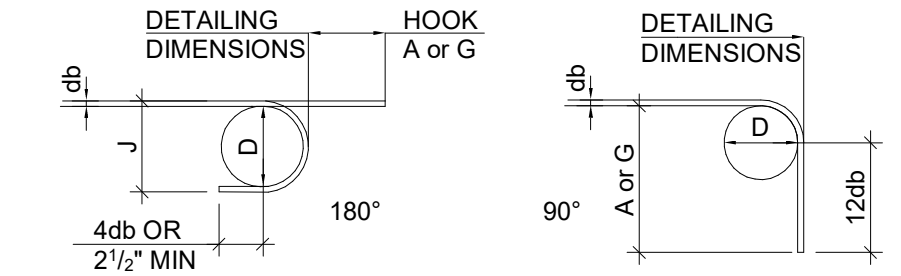
- WOOD TRUSS FABRICATOR SHALL SUBMIT CALCULATIONS AND SHOP DRAWINGS SEALED AND SIGNED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE IN WHICH THE PROJECT IS LOCATED TO THE ARCHITECT FOR REVIEW PRIOR TO FABRICATION.
- TRUSS DIMENSIONS AND LAYOUT, IF SHOWN, ARE FOR ESTIMATING PURPOSES ONLY AND ARE NOT NECESSARILY TO BE USED FOR FABRICATION. FABRICATOR SHALL BE RESPONSIBLE FOR ACTUAL DIMENSIONS OF TRUSSES. TRUSSES SHALL UTILIZE ONLY THE BEARING WALLS AND SUPPORTS SHOWN ON THE PLANS.
- CONTRACTOR SHALL PROVIDE BRACING FOR TRUSS CHORDS AND WEB MEMBERS AS REQUIRED BY THE TRUSS FABRICATOR. SYSTEM IS NOT STABLE UNTIL SHEATHING AND PERMANENT BRACING ARE INSTALLED.
- ALL LUMBER USED FOR TRUSSES SHALL BE #2 GRADE, KILN-DRIED SOUTHERN PINE, #2 SPRUCE-PINE-FIR, #2 HEM-FIR, OR BETTER. NUMBER 3 GRADE LUMBER WILL NOT BE ALLOWED FOR CHORDS OR WEB MEMBERS. MINIMUM TRUSS MEMBER SIZE SHALL BE 2x4.
- MINIMUM TRUSS PLATE SIZE SHALL BE (3"x5") OR (4"x4") EACH SIDE OF TRUSS AT ALL JOINTS.
- MINIMUM CONTACT AREAS FOR TRUSS PLATES SHALL BE 3.75 SQUARE INCHES ON EACH MEMBER AT ALL JOINTS, EACH SIDE OF TRUSS.
- TRUSS MANUFACTURER SHALL DESIGN AND PROVIDE TRUSS HANGERS WHERE TRUSSES ARE SUPPORTED BY OTHER TRUSSES.
- UNLESS OTHERWISE NOTED ON STRUCTURAL DRAWINGS, PROVIDE SIMPSON "H2.5A" CLIPS PLUS CODE REQUIRED NAILING TO ATTACH EACH END OF ALL TRUSSES TO SUPPORTS WHERE TRUSSES ARE SUPPORTED BY BEARING WALLS, STEEL BEAMS, OR LAMINATED WOOD BEAMS.

DESIGN LOADS:

DEAD LOADS: WEIGHT OF THE STRUCTURE
 ROOF LIVE LOAD: 20 PSF
 GROUND SNOW LOAD: 10 PSF
 Vult: 105 MPH
 Vasd: 82 MPH
 II
 C
 0.18
 SEE ASCE 7-16, Ch. 30
 WIND RISK CATEGORY:
 WIND EXPOSURE:
 INTERNAL PRESSURE COEFFICIENT:
 COMP. & CLADDING WIND PRESSURE:
 SEISMIC IMPORTANCE FACTOR
 SEISMIC RISK CATEGORY:
 MAPPED SPECTRAL RESPONSE ACCELERATIONS:
 SPECTRAL RESPONSE COEFFICIENTS:
 SITE CLASS:
 SEISMIC DESIGN CATEGORY:
 BASIC SEISMIC-FORCE RESISTING SYSTEM:
 DESIGN BASE SHEAR:
 SEISMIC RESPONSE COEFFICIENT:
 RESPONSE MODIFICATION FACTOR:
 ANALYSIS PROCEDURE:
 CODES:
 2021 ARKANSAS FIRE PREVENTION CODE
 A.C.A. 12-90-101 ET. SEQ. (ARKANSAS STATE LAW)

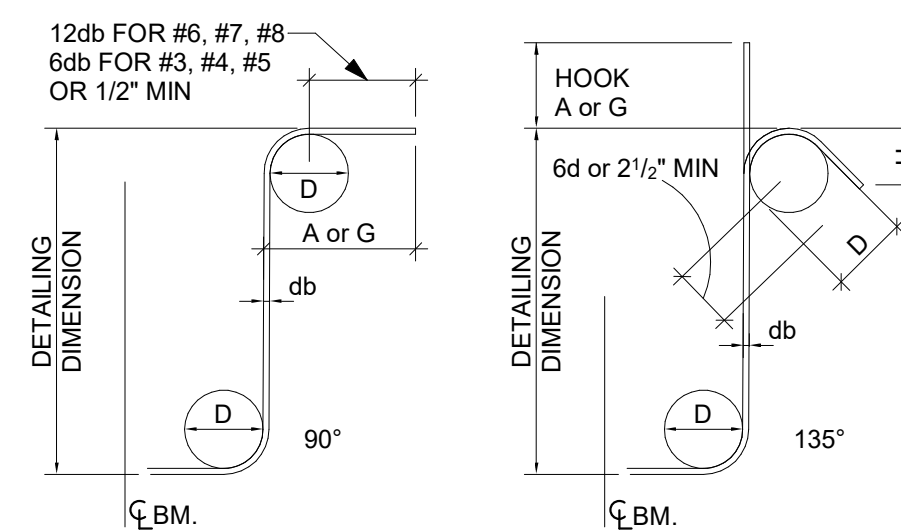
PRE-ENGINEERED WOOD TRUSS DESIGN LOADS:

DEAD LOAD: 6 PSF (TOP CHORD)
 4 PSF (BOTTOM CHORD)
 COLLATERAL LOAD: 4 PSF (TOP CHORD)
 6 PSF (BOTTOM CHORD)
 ROOF LIVE LOAD: 20 PSF (NON-REDUCIBLE) TOP CHORD
 5 PSF (NON-REDUCIBLE) BOTTOM CHORD
 WIND LOAD: (SEE DESIGN LOADS ABOVE) DO NOT USE COLLATERAL LOAD IN COMBINATION WITH WIND LOAD.
 SNOW LOAD: (SEE DESIGN LOADS ABOVE)
 SEISMIC LOAD: (SEE DESIGN LOADS ABOVE) DO NOT USE COLLATERAL LOAD IN COMBINATION WITH WIND LOAD.
 CODES:
 2021 ARKANSAS FIRE PREVENTION CODE
 A.C.A. 12-90-101 ET. SEQ. (ARKANSAS STATE LAW)



RECOMMENDED END HOOKS, ALL GRADES

BAR SIZE	FINISHED BEND DIA. D, IN.	180 DEG. HOOKS		90 DEG. HOOKS	
		A or G, IN.	J, IN.	A or G, IN.	A or G, IN.
#3	2 1/2"	5"	3"	4"	6"
#4	3"	6"	4"	5"	8"
#5	3 1/2"	7"	5"	6"	10"
#6	4 1/2"	8"	6"	7"	11-0"



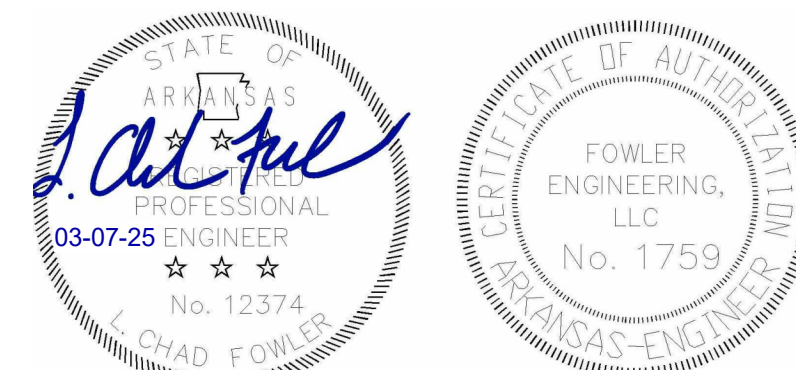
BAR SIZE	FINISHED BEND DIA. D, IN.	90° HOOKS		180° HOOKS		135° HOOKS	
		A or G, IN.	H, APPROX.	A or G, IN.	H, APPROX.	A or G, IN.	H, APPROX.
#3	1 1/2"	4"	2 1/2"	4"	4"	3"	
#4	2"	4 1/2"	3"	4 1/2"	4"	3"	
#5	2 1/2"	6"	3 3/4"	5 1/2"	5 1/2"	3 3/4"	
#6	4 1/2"	1'-0"	8"	4 1/2"	8"	4 1/2"	

1 REBAR BEND DTL NTS

BEARING WALL SYSTEM
 LIGHT-FRAME (WOOD) WALLS SHEATHED w/
 WOOD STRUCTURAL PANELS RATED FOR
 SHEAR RESISTANCE
 0.12W
 R: 6.5
 EQUIV. LATERAL FORCE (ASCE 7-16, SEC 12.8)

Revisions:

THE LEARNING CENTER
 NEW RECREATION FACILITY
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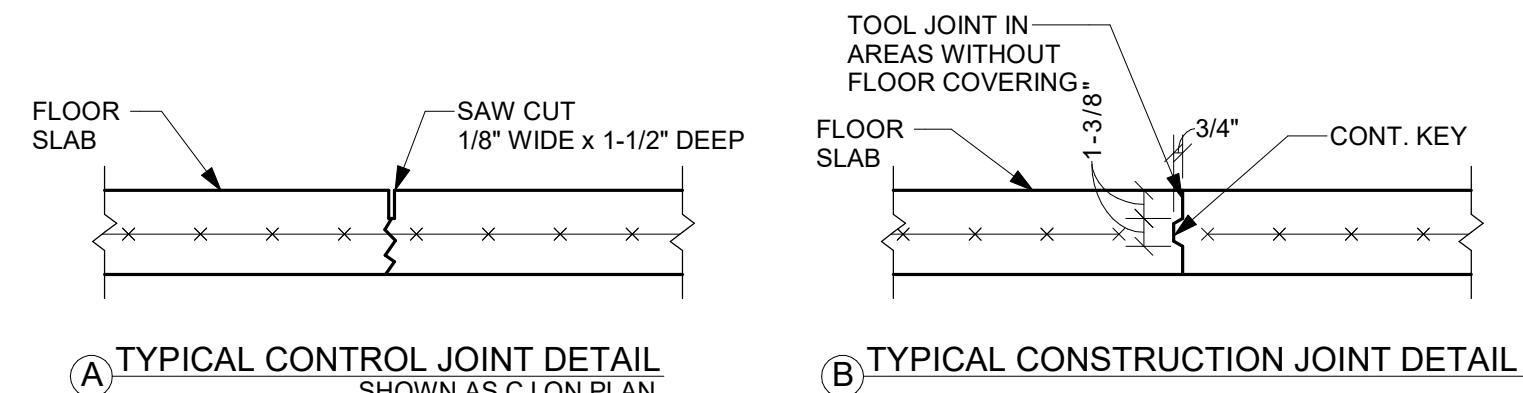
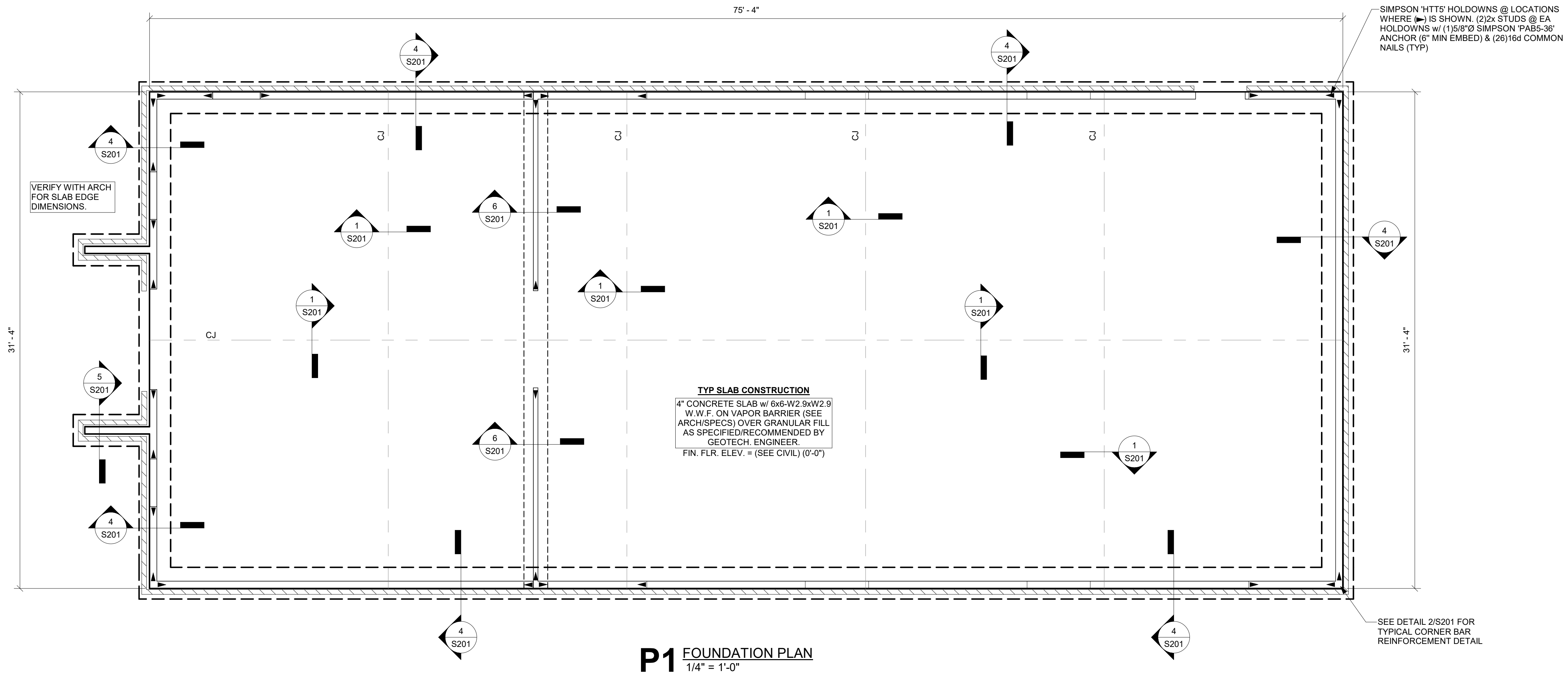


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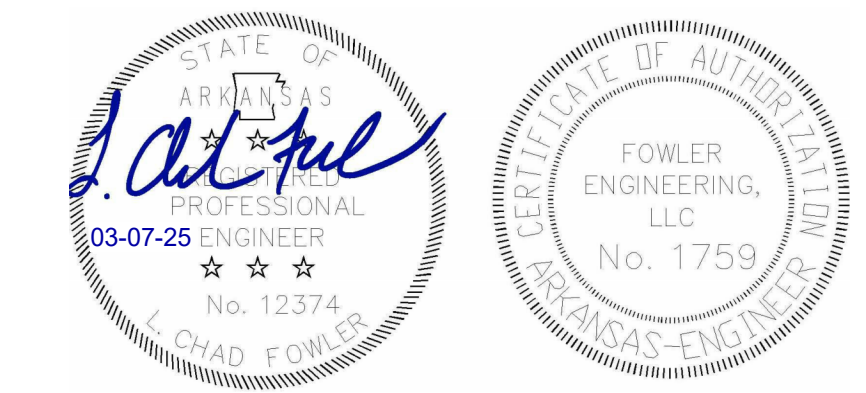
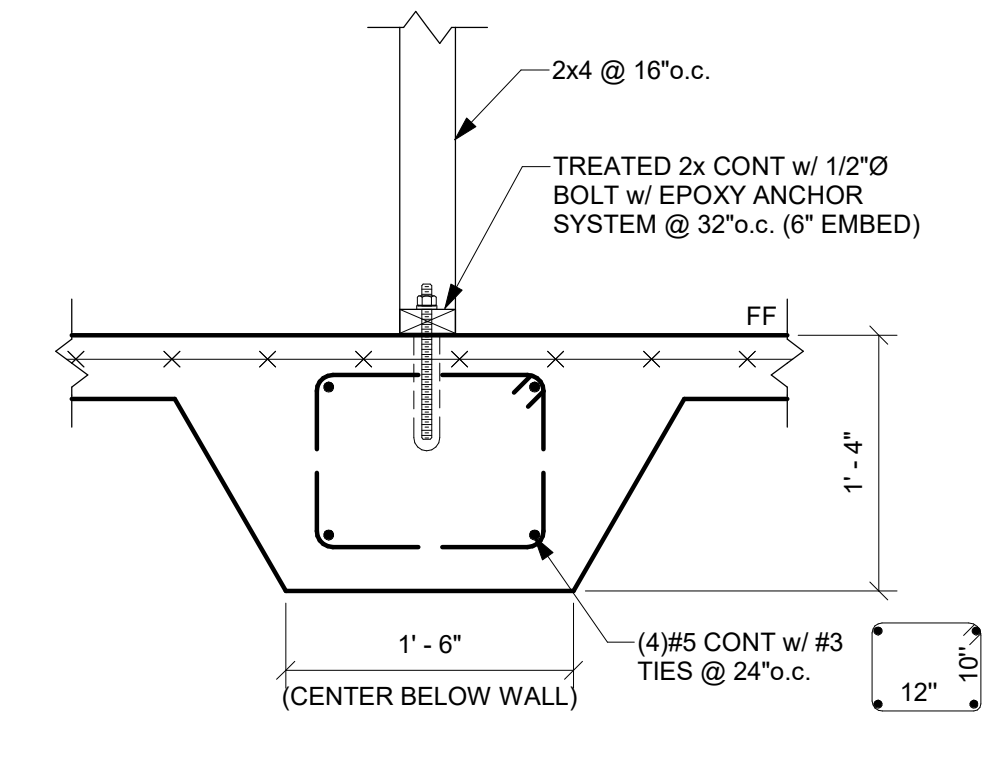
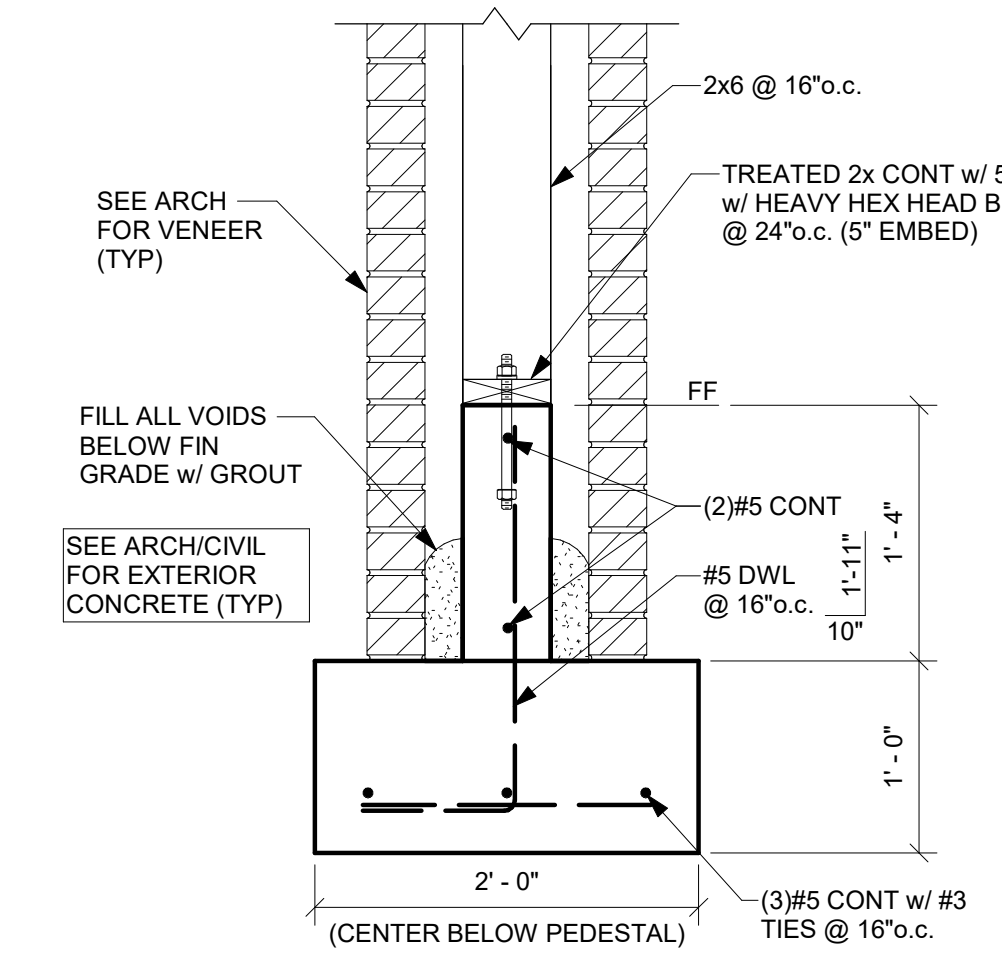
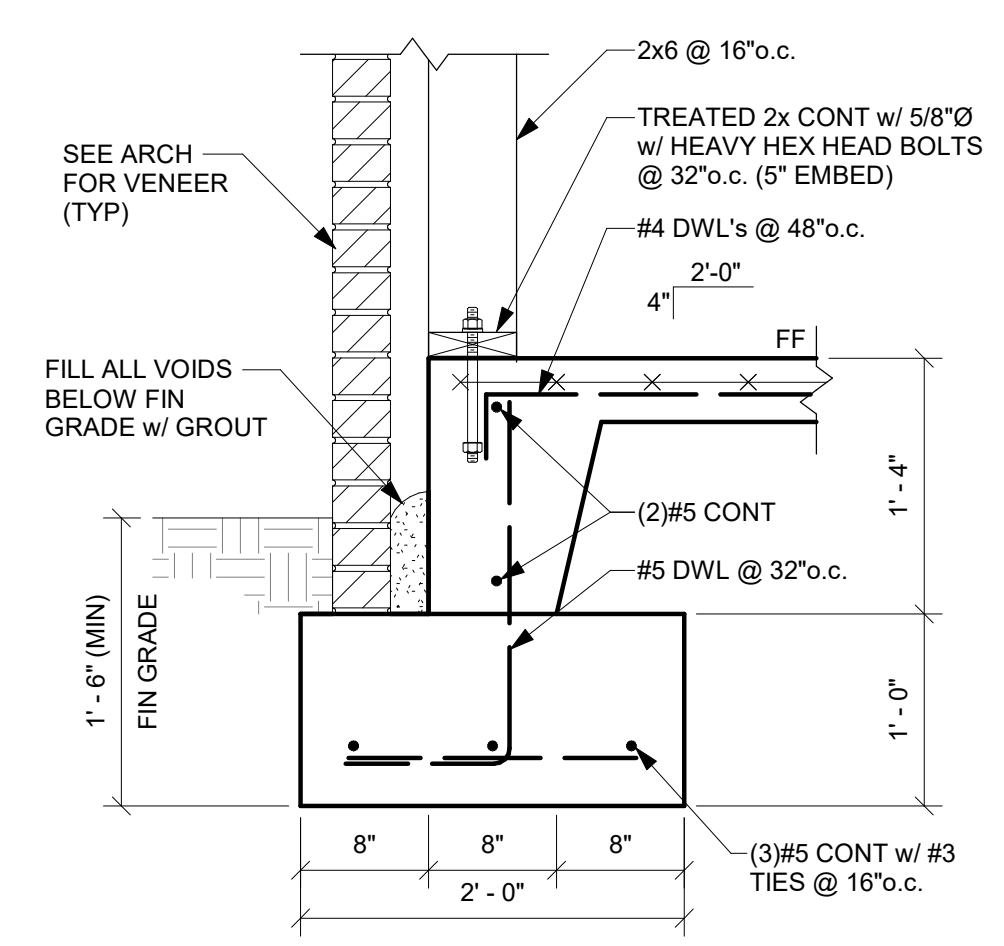
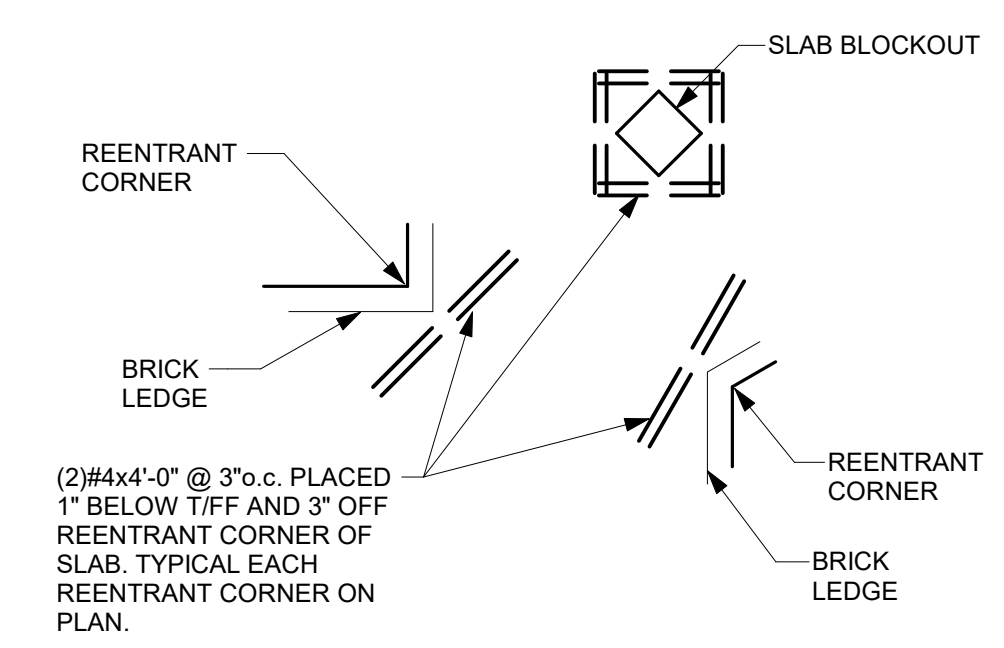
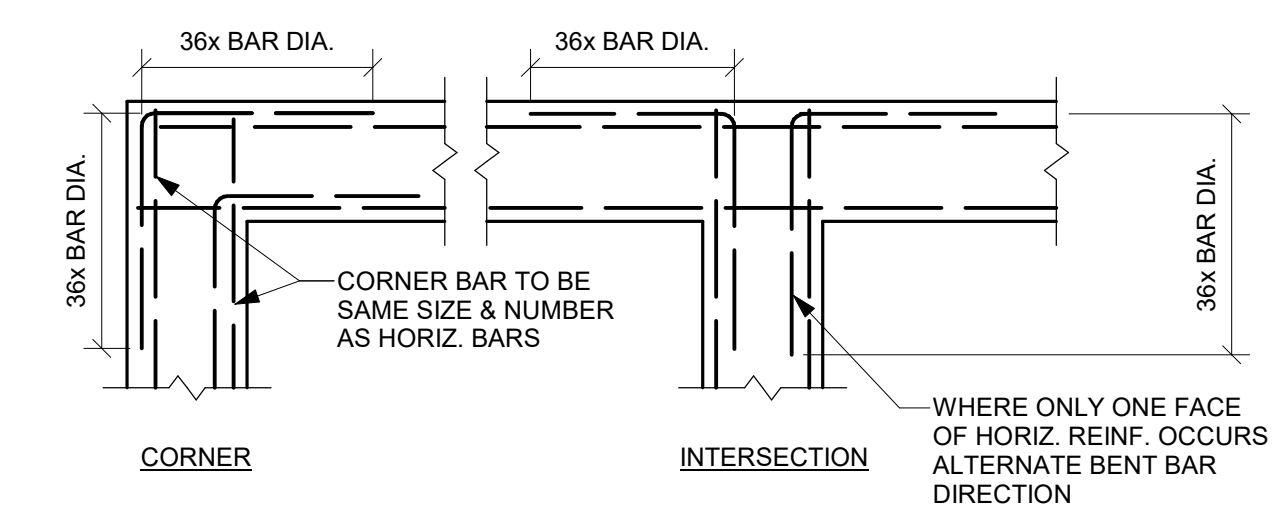
Sheet Name: NOTE SHEET
 Project No: 2423 Date: 03/07/2025

Sheet No: S101

Revisions:



CONTRACTOR IS RESPONSIBLE FOR JOINTS CRACKING AS SHOWN ON PLAN AND DETAIL. SAWING JOINTS SHALL BEGIN AS SOON AS THE SURFACE IS FIRM ENOUGH SO THAT IT WILL NOT BE TORN OR DAMAGED BY THE BLADE. SLABS MUST BE SAWN ON SAME DAY SLAB IS POURED. DO NOT ALLOW SLAB TO CURE OVERNIGHT BEFORE SAWING.



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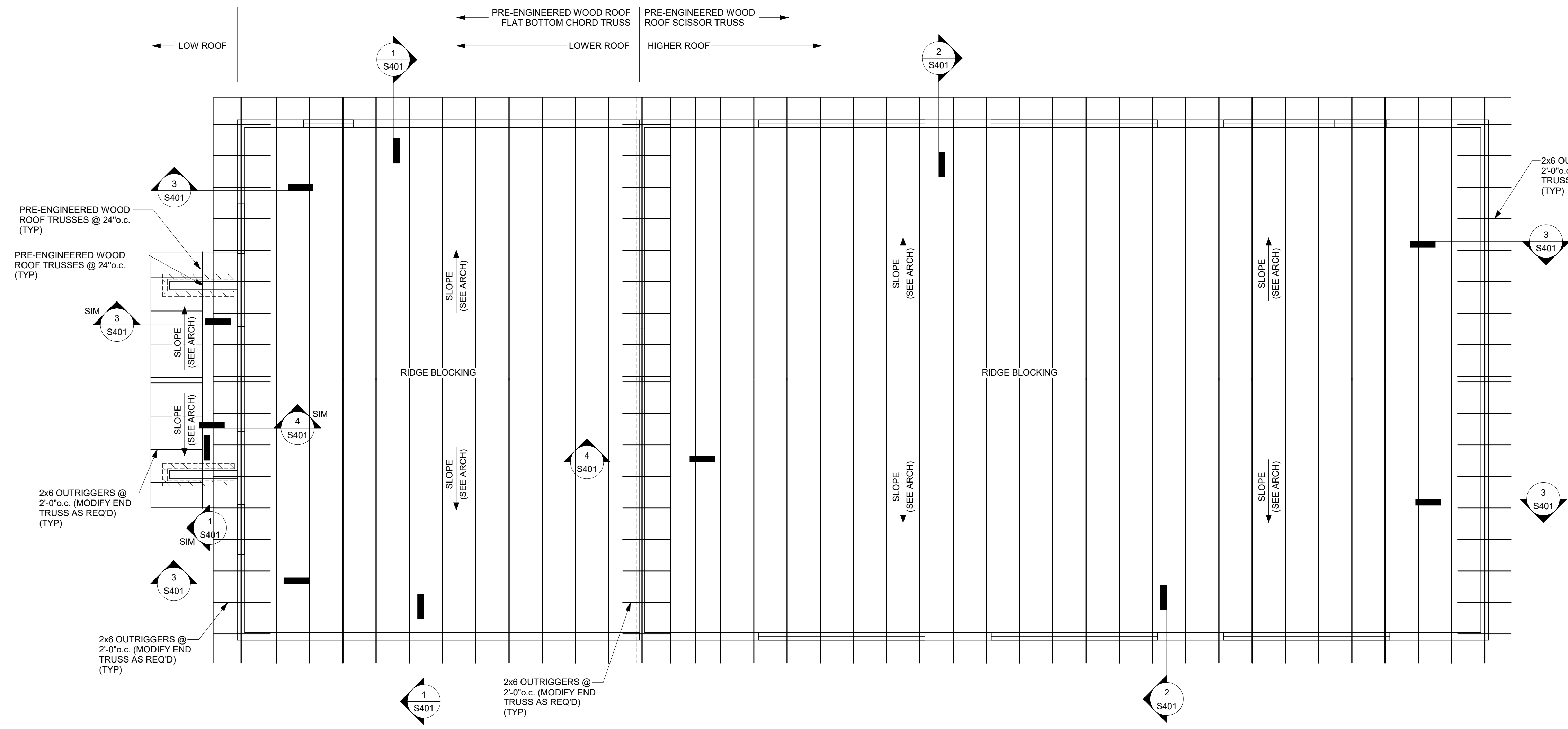
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FOUNDATION PLAN & DETAILS

Project No: 2423 Date: 03/07/2025

Sheet No:
S201

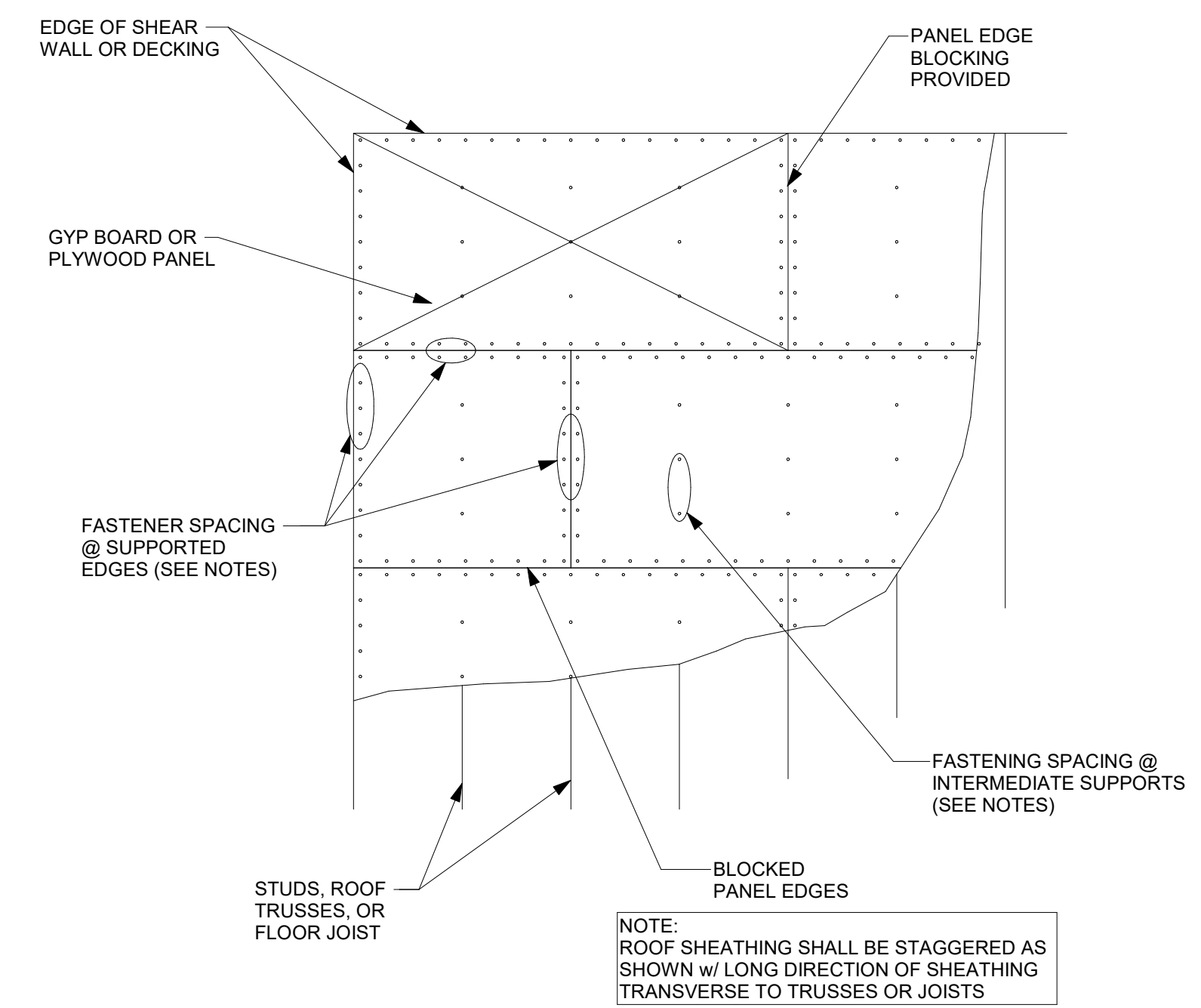
Revisions:

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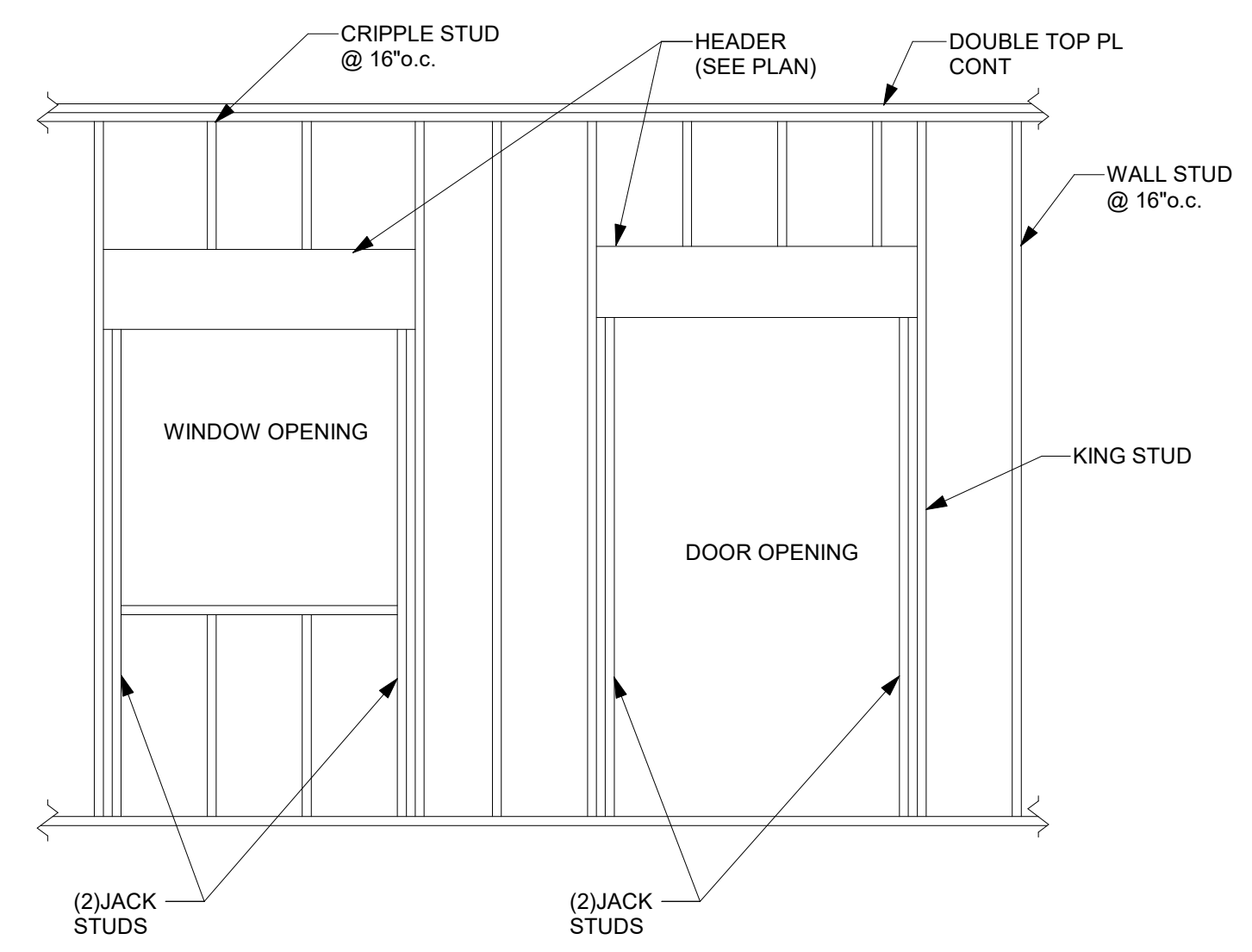


- NOTES:
1. PRE-ENGINEERED WOOD ROOF TRUSSES SHALL BE SPACED @ 24"o.c. MAX U.N.O.
 2. PRE-ENGINEERED WOOD ROOF TRUSSES SHALL BE SUPPORTED ONLY AT LOCATIONS SHOWN.
 3. SEE SHEET S101 FOR ROOF DECK & ATTACHMENT
 4. ALL HEADERS SHALL BE (2)2x10 @ 2x4 WALLS & (3)2x12 @ 2x6 WALLS (TYP U.N.O.)
 5. TBE = (SEE ARCH)
 6. THE TOP OF ALL NON-LOAD BEARING WALLS SHALL BE 1/4" BELOW TRUSS BOT. CHORD TO ALLOW FOR TRUSS DEFL.

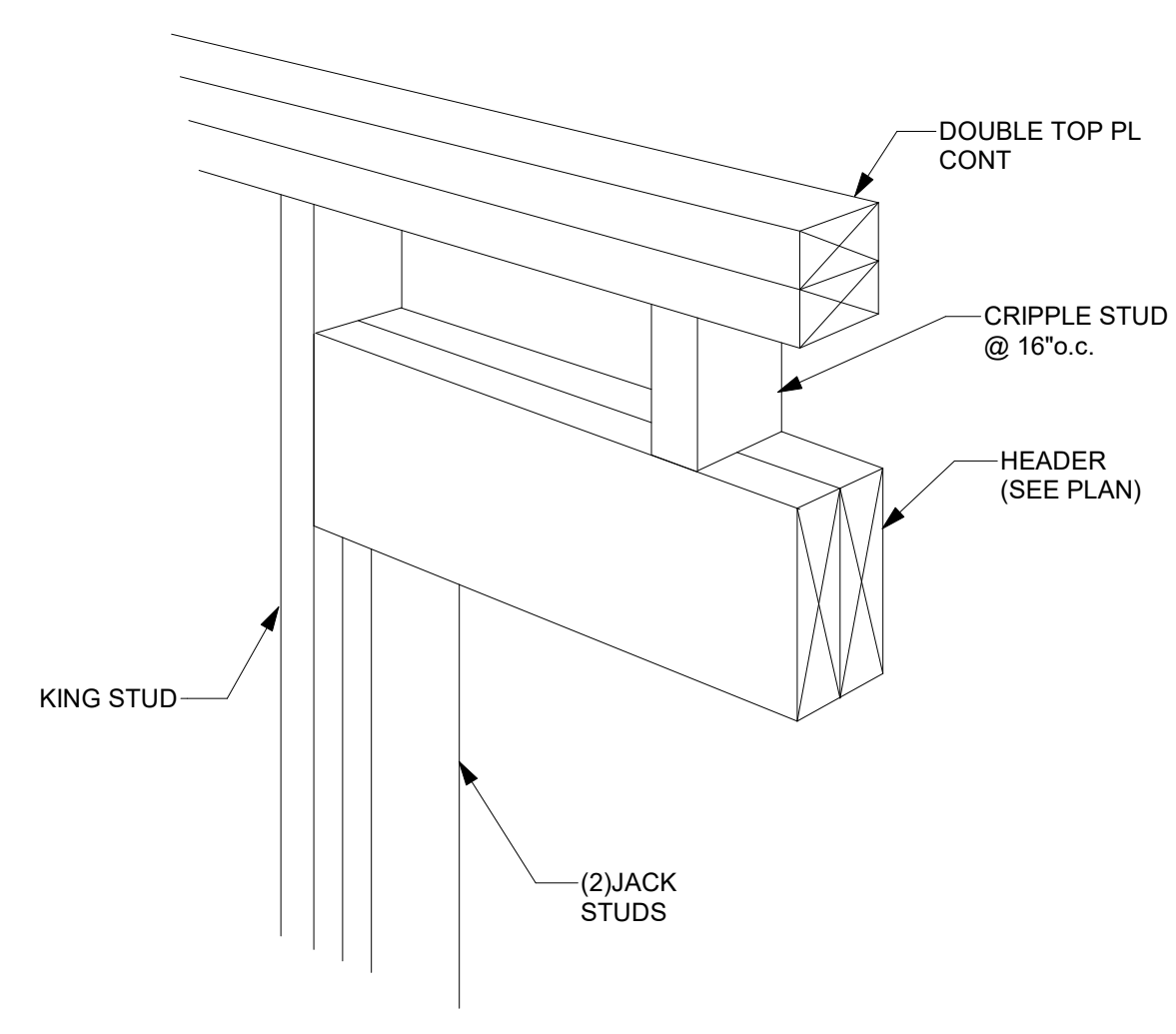
P1 ROOF FRAMING PLAN
1/4" = 1'-0"



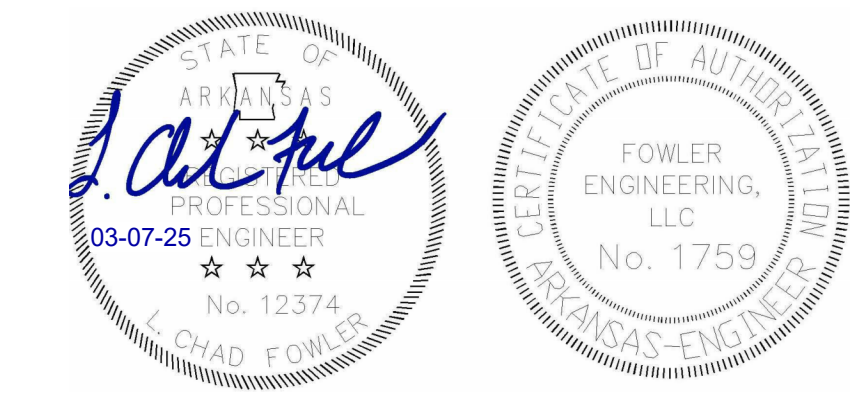
1 SHEAR WALL FASTENING REQUIREMENTS
NTS



2 TYPICAL WALL OPENING DETAIL
NTS



3 TYPICAL WOOD HEADER DETAIL
NTS



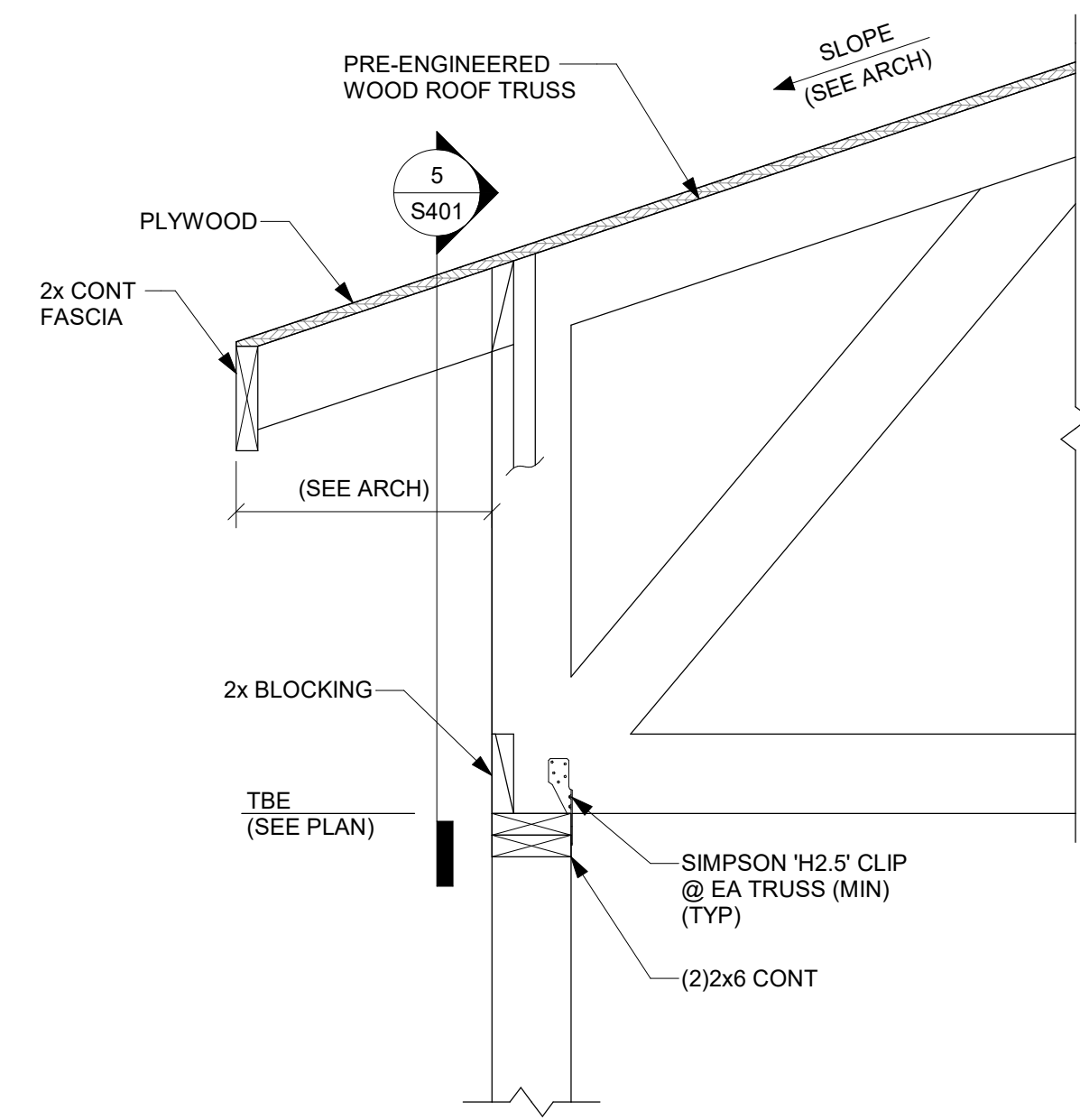
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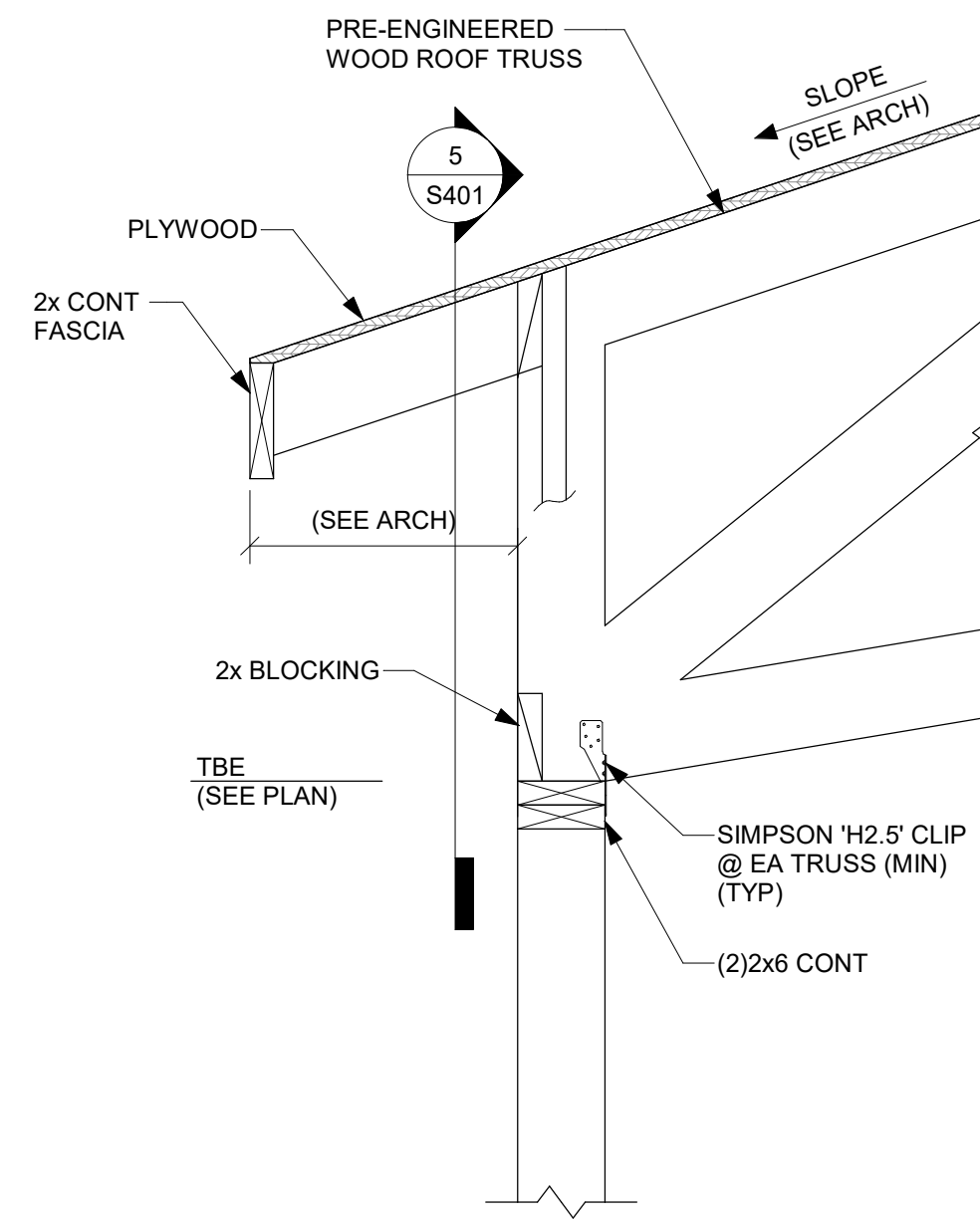
Corporate Seal

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ROOF FRAMING PLAN & DETAILS
Project No: 2423 Date: 03/07/2025
Sheet No:

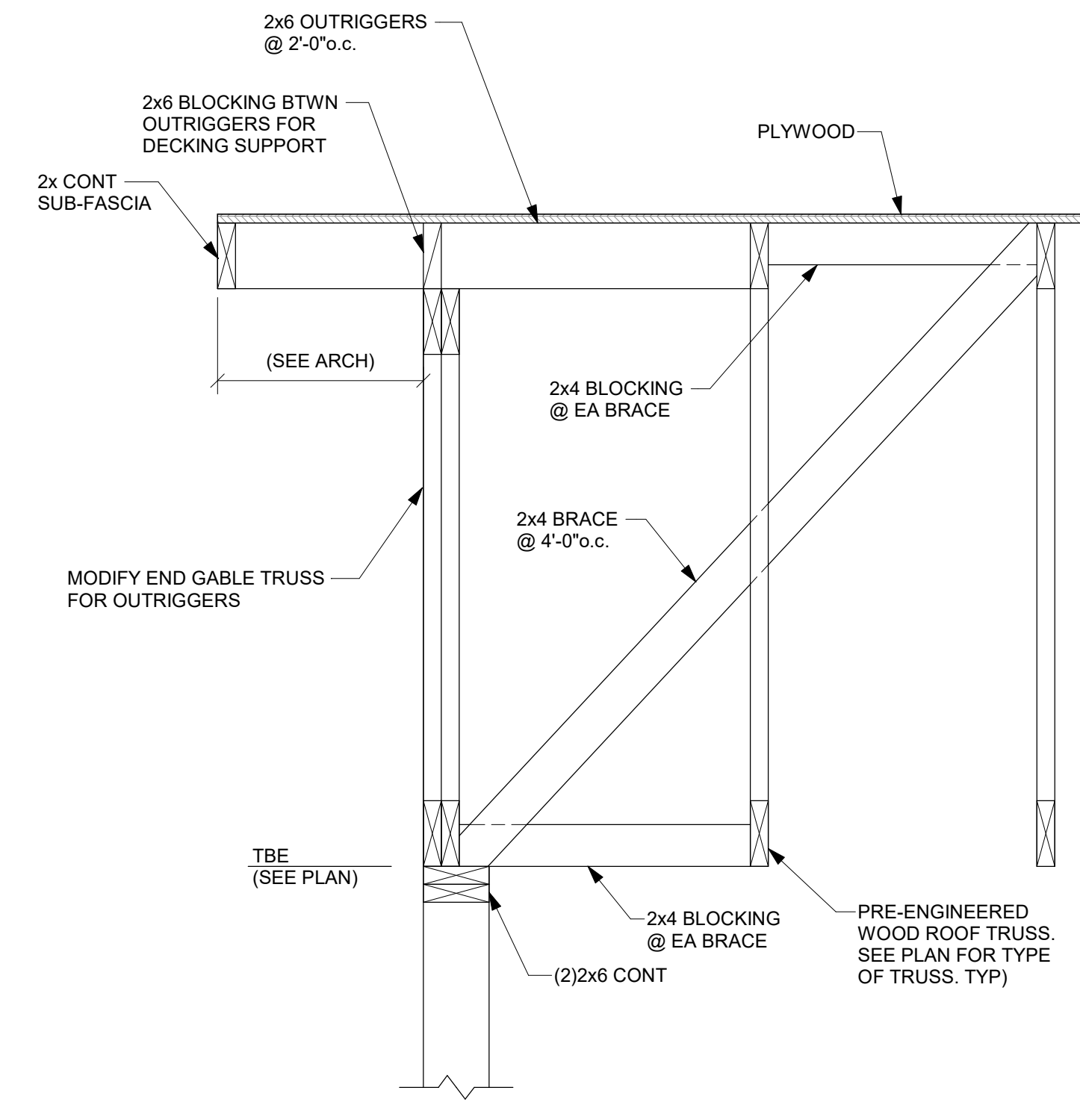
S301



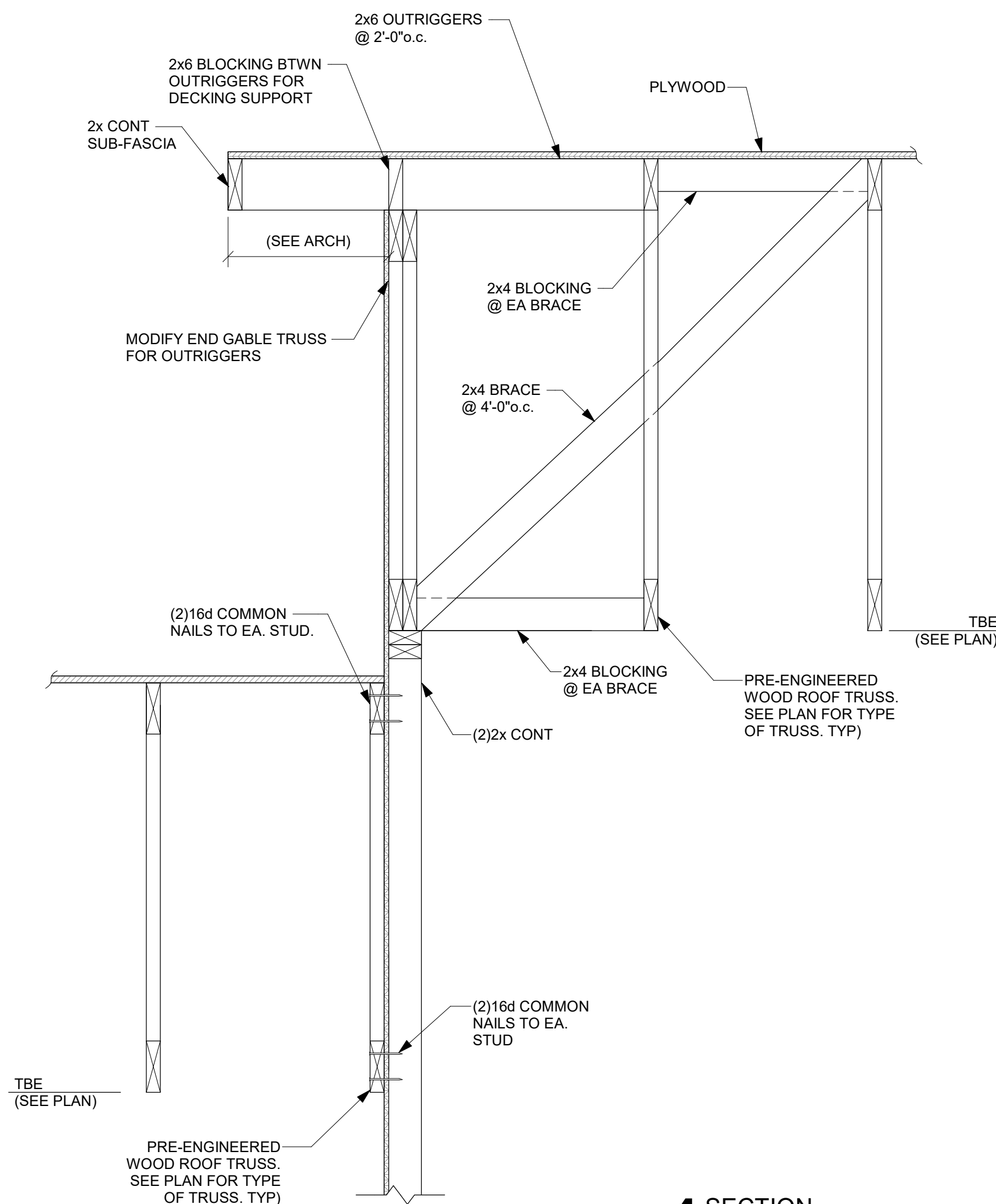
1 SECTION
1" = 1'-0"



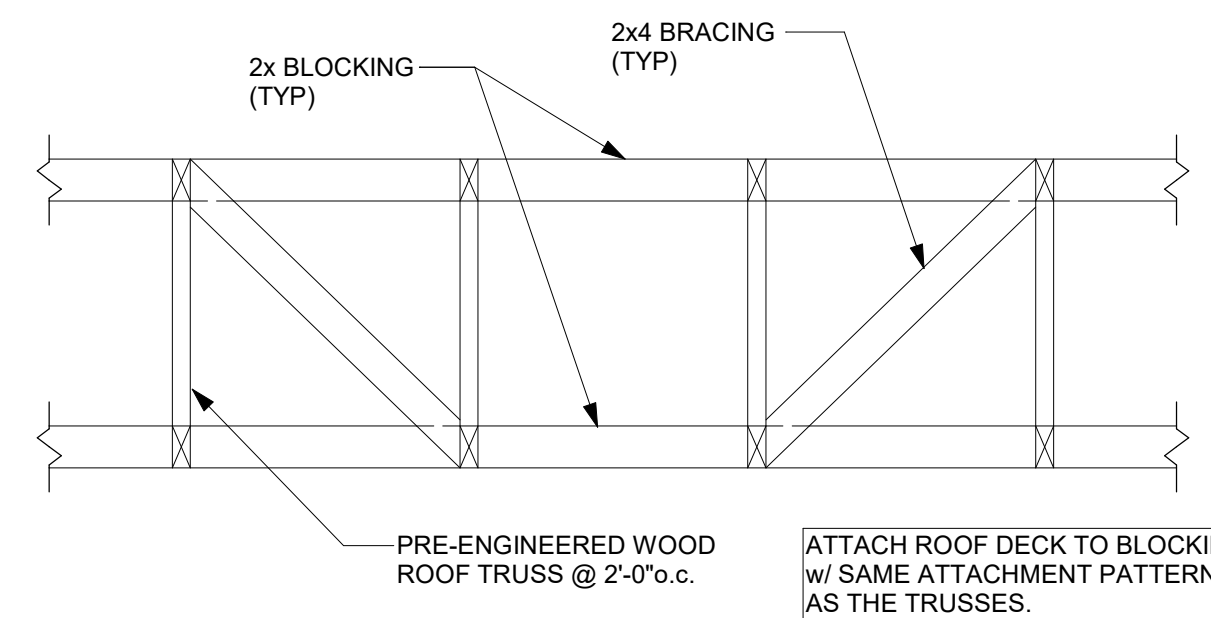
2 SECTION
1" = 1'-0"



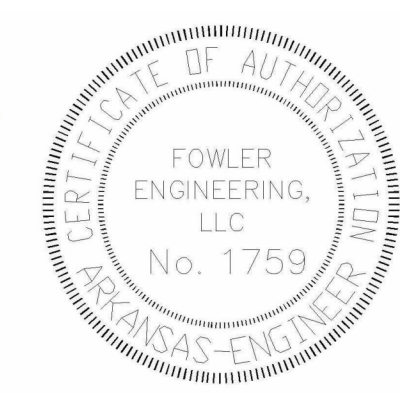
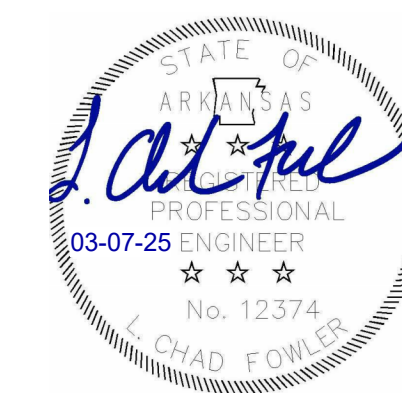
3 SECTION
1" = 1'-0"



4 SECTION
1" = 1'-0"



5 TYP TRUSS BRACING DETAIL
NTS



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Sheet Name:
ROOF FRAMING DETAILS

Project No: 2423 Date: 03/07/2025

Sheet No:

S401

PLUMBING GENERAL NOTES

1. THE CONTRACTOR SHALL, PRIOR TO THE START OF ANY WORK UNDER THIS CONTRACT, JOB SITE VERIFY SIZE, LOCATION, ETC. OF ANY EXISTING PIPING NOTED, SHOWN OR IMPLIED, TO WHICH NEW PIPING IS RELATED OR CONNECTED.
2. HOT AND COLD WATER SUPPLIES TO FIXTURES SHALL BE AS FOLLOWS, UNLESS SHOWN OR NOTED OTHER WISE.

WATER CLOSET	1-1/4"
URINAL	1"
LAVATORY	1/2"
SERVICE SINK	3/4"
ELECTRIC WATER COOLER	1/2"
SINK	1/2"
SHOWER	1/2"
FREEZE-PROOF WALL HYDRANT	3/4"
CLINICAL SINK	1-1/4" & 1/2"
ICE MACHINE	1/2"
SUPPLY AND DRAIN UNIT (WASHER BOX)	1/2"
HOSE BIBB	3/4"
EMERGENCY SHOWER EYEWASH	1-1/4"
3. INSTALL WATER HAMMER ARRESTORS EQUAL TO ZURN "SHOKTROL" AT EACH QUICK CLOSING VALVE, AND AT EACH GROUP OF PLUMBING FIXTURES, AND AS NOTED ON DRAWINGS SIZED AS PER MANUFACTURERS RECOMMENDATIONS. (MUST BE ACCESSIBLE WHERE POSSIBLE, ABOVE CEILING IF NECESSARY)
4. ALL SUPPLIES TO FIXTURE SHALL BE PROVIDED WITH HIGH EAR COUPLING EQUAL TO MUELLER CO. No. C-100HE (1/2", 3/4" OR 1" SIZE) AT THE WALL (ANCHOR TO CROSS MEMBER SUPPORT) BEFORE PIPE ENTERS ROOM SPACE TO ASSURE NO PIPE MOVEMENT WITHIN WALL CAVITY.
5. ALL FLOOR DRAINS SHALL BE PROVIDED WITH DEEP SEAL TYPE TRAP WITH NOT LESS THAN FOUR INCH (4") WATER SEAL AND BE PROVIDED WITH TRAP PRIMER.
6. ALL VENTS THROUGH ROOF (V.T.R.) SHALL BE PROVIDED WITH #6 (24" X 24" SIZE) FLASHING. WHERE STANDING SEAM TYPE IS USED THE FLASHING SHALL BE IN ACCORDANCE WITH THE ROOFING MANUFACTURERS RECOMMENDATION AND AS DETAILED ON THE ARCHITECTURAL DRAWINGS. CLOSE COORDINATION WITH THE ROOFING CONTRACTOR SHALL BE MAINTAINED TO ASSURE THE VENT PENETRATION IS CENTERED WITHIN THE METAL ROOF PANELS. TYPICALLY FOR METAL OR OTHER SPECIAL MATERIAL, ROOFS - USE MANUFACTURED RUBBER BOOT WITH STAINLESS STEEL HARDWARE TYPE THAT IS ARCHITECT APPROVED AND MUST BE COMPATIBLE WITH ROOFING SYSTEM AND ROOF WARRANTY.
7. FLUSH VALVES SHALL BE MOUNTED SUCH THAT THE DIMENSION FROM FLUSH VALVE CENTERLINE TO FINISHED FLOOR SHALL BE 39". (DOES NOT APPLY TO ELECTRONIC FLUSH VALVES) WHERE HANDICAPPED GRAB BARS ARE INSTALLED ON BACK WALL AT CLOSET, FLUSH VALVE SHALL BE MOUNTED AT STANDARD HEIGHT. SEE SPECIFICATIONS AND WATER CLOSET DETAIL.
8. ○ WHERE THIS SYMBOL OCCURS ON THE DRAWINGS, REFERENCE SHOULD BE MADE TO THE KEYED NOTES ON THAT SAME SHEET AND THE CORRESPONDING NUMBER OF THAT NOTE.
9. WHERE PLUMBING FIXTURES ARE LOCATED ON EXTERIOR WALL, WATER PIPING SHALL BE INSTALLED ON THE THERMAL SIDE OF THE WALL INSULATION.
10. CLOSE COORDINATION AND COOPERATION SHALL BE MAINTAINED BETWEEN TRADES WITH REGARD TO PLUMBING, HVAC, FIRE PROTECTION AND ELECTRICAL PLANS.
11. PROVIDE CLEANOUT CLEARANCE IN ACCORDANCE WITH THE ARKANSAS STATE PLUMBING CODE, BUT DO NOT LOCATE IN FOOT TRAFFIC PATHWAYS. DO NOT LOCATE CLEANOUTS IN FLOORS WITH CARPET. (FIELD COORDINATE) LOCATE FLOOR CLEANOUT NEAR WALLS, IN JANITORS ROOM, STORAGE ROOM, ETC., DO NOT LOCATE NEAR DOORWAYS.
12. PROVIDE FIRE STOPPING OR FIRE STOP SLEEVE DEVICES AT ALL RATED ASSEMBLIES - SEE ARCHITECTURAL SPECIFICATIONS AND ARCHITECTURAL DRAWINGS FOR DETAILS.
13. TRAP PRIMERS- LOCATE TRAP PRIMERS REASONABLY CLOSE TO PLUMBING FIXTURE (10' TO 20')- DO NOT CONNECT TRAP PRIMER TO WATER LINE LARGER THAN 1 1/2" SIZE- TRY TO LOCATE TRAP PRIMER LOWER THAN PLUMBING FIXTURES. FIELD VERIFY EXACT TRAP PRIMER LOCATIONS AND WATER PIPE ROUTING. TRAP PRIMER SHALL TYPICALLY BE PRECISION PLUMBING PRODUCTS MODEL # P2-500. WHERE FLOOR DRAINS OCCUR NEAR WATER CLOSETS - USE VACUUM BREAKER TRAP PRIMER - SLOAN "TP" - MODEL VBF-72A - EXPOSED 3/8" TUBING SHALL BE VERY MINIMAL AND CHROME PLATED WITH CAST CHROME FLANGE TO WALL.
14. COORDINATE EXACT LOCATIONS OF ALL PLUMBING PIPING WITH ARCHITECTURAL AND STRUCTURAL DRAWINGS.
15. VERIFY WITH ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF ALL "ADA" PLUMBING FIXTURES
16. ALL SANITARY SEWER RISERS SHALL HAVE CLEANOUT AT THE BASE (WALL CLEANOUT OR FLOOR CLEANOUT)
17. ALL STORM DRAIN PIPING SHALL HAVE CLEANOUT PLUGS AT EACH 90° TURN ABV CEILINGS AND HAVE A FLOOR OR WALL CLEANOUT AT THE BASE OF ALL RISERS.
18. INSTALL PIPING EXPANSION JOINTS IN ALL PIPING THAT CROSSES BUILDING EXPANSION JOINTS. SEE ARCHITECTURAL AND STRUCTURAL DRAWINGS AND PLUMBING ROOF PLAN FOR BUILDING EXPANSION JOINT LOCATIONS.
19. TWO-WAY CLEANOUTS SHALL BE INSTALLED AT THE JUNCTION OF THE BUILDING DRAIN AND THE BUILDING SEWER (TYP ALL AREAS) - MUST BE INSTALLED TO MEET PLUMBING CODES, EVEN IF NOT SHOWN ON DRAWING - VERIFY AND COORDINATE WITH CIVIL UTILITY DRAWINGS.

PLUMBING LEGEND

SYMBOL	DESCRIPTION		
	SOIL, WASTE, OR SANITARY SEWER		UNION
	SANITARY SEWER (ON SITE)	FD	FLOOR DRAIN
	SANITARY VENT	RD	ROOF DRAIN
	COMBINATION WASTE AND VENT	AD	ACCESS DOOR
	WATER (ON SITE)	VTR	VENT THRU ROOF
	COLD WATER	HB	HOSE BIBB
	HOT WATER	FPWH	FREEZE PROOF WALL HYDRANT
	HOT WATER RETURN	CO	CLEANOUT PLUG
	STORM DRAIN	FCO	FLOOR CLEANOUT
	INDIRECT DRAIN	AFCO	FLOOR CLEANOUT WITH ACID RESISTANT PIPING AND FITTINGS
	NATURAL GAS (LOW PRESSURE GAS)	WCO	WALL CLEANOUT
	FLOW DIRECTION	ECO	EXTERIOR CLEANOUT
	GATE VALVE		DENOTES - SANITARY VENT STACK THRU ROOF
	GLOBE VALVE		RISER DESIGNATION
	CHECK VALVE		NEW CONNECTION TO EXISTING
	BALL VALVE		EXISTING PIPING TO BE REMOVED OR ABANDONED
	PLUG COCK - GAS COCK		EXISTING PIPING TO REMAIN
	PRESSURE REDUCING VALVE		CAP AND SEAL AIR OR WATER TIGHT
	STRAINER		TERMINATION POINT OF DEMOLITION

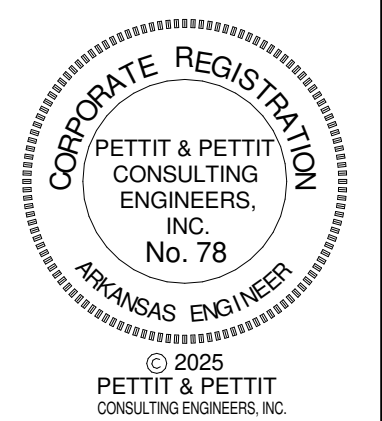
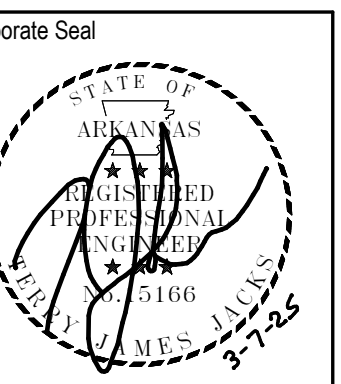
FIXTURE LEGEND

SYMBOL	DESCRIPTION
	NEW FIXTURE
	ROUGH IN AND FINAL CONNECT ONLY
	EXISTING FIXTURE TO REMAIN
	EXISTING FIXTURE TO BE REMOVED
	EXISTING FIXTURE (RELOCATED, OR REPAIRED - SEE NOTES)

Revisions:

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Sheet Name:
PLUMBING GENERAL NOTES AND LEGENDS

Project No: 2423 Date: 03/07/2025

Sheet No:

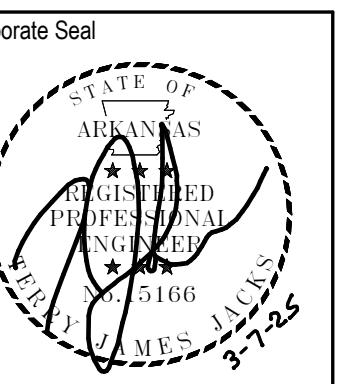
P000

PLUMBING KEYED NOTES

- ① 1/2" CW AND HW LINES DOWN CHASE WALL TO HEAVY DUTY VALVE STOPS. CONNECT TO LAVATORY FAUCET AS REQUIRED.
- ② 3/4" CW LINE DOWN CHASE WALL TO HEAVY DUTY VALVE STOP. CONNECT TO WATER CLOSET AS REQUIRED.
- ③ 3/4" CW LINE DOWN CHASE WALL TO FREEZE PROOF WALL HYDRANT. CONNECT TO FIXTURE AS REQUIRED.
- ④ 3/4" CW AND HW LINES DOWN WALL CHASE. PROVIDE 1/2" CW LINE FOR ELECTRIC WATER COOLER.
- ⑤ 3/4" CW AND HW DROPS TO WATER HEATER. REFER TO WATER HEATER DETAIL 1 SHEET P301.

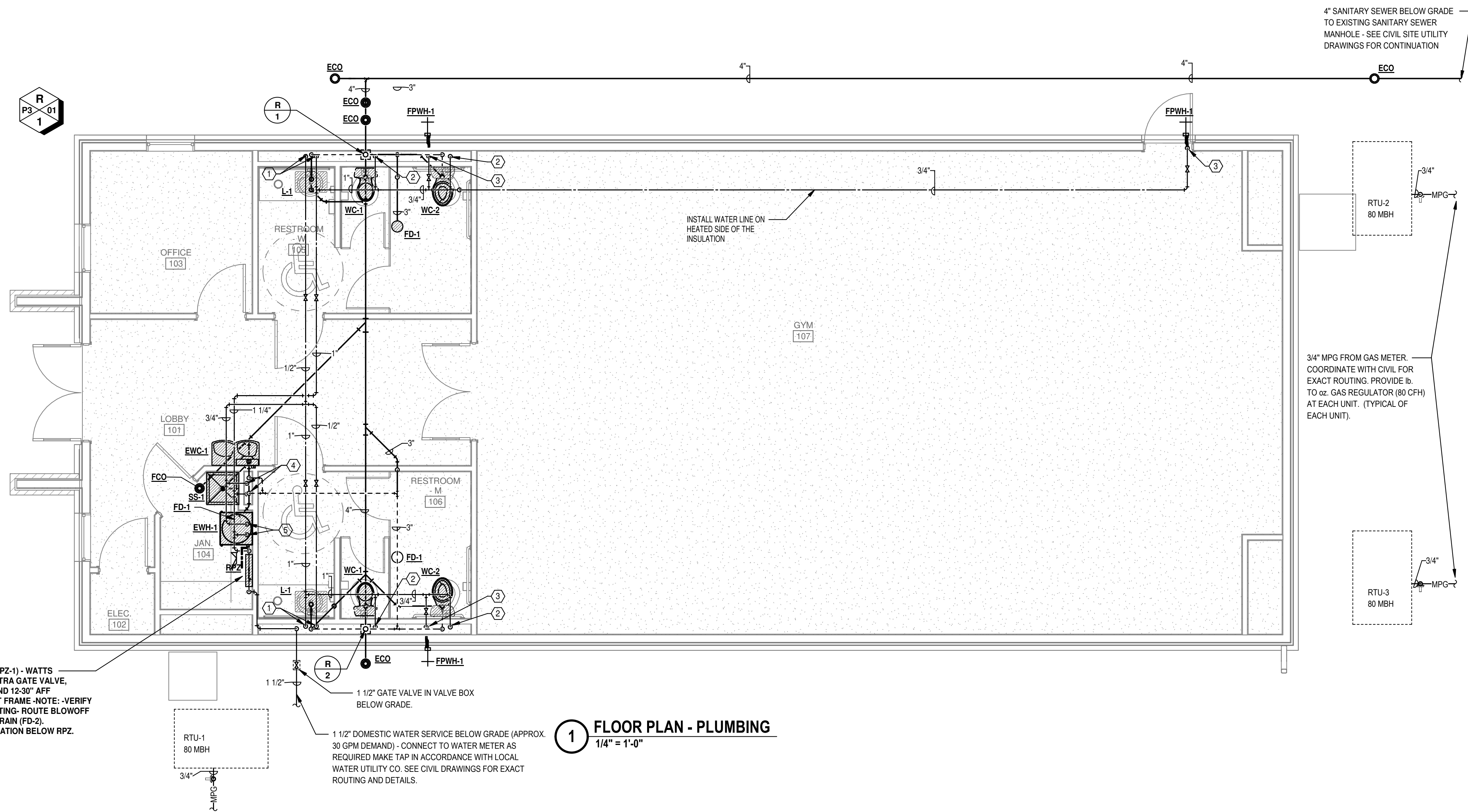
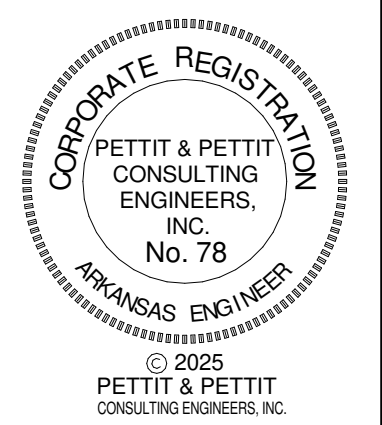
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Corporate Seal
 Sheet Name: FLOOR PLAN - PLUMBING
 Project No: 2423 Date: 03/07/2025
 Sheet No:

P101

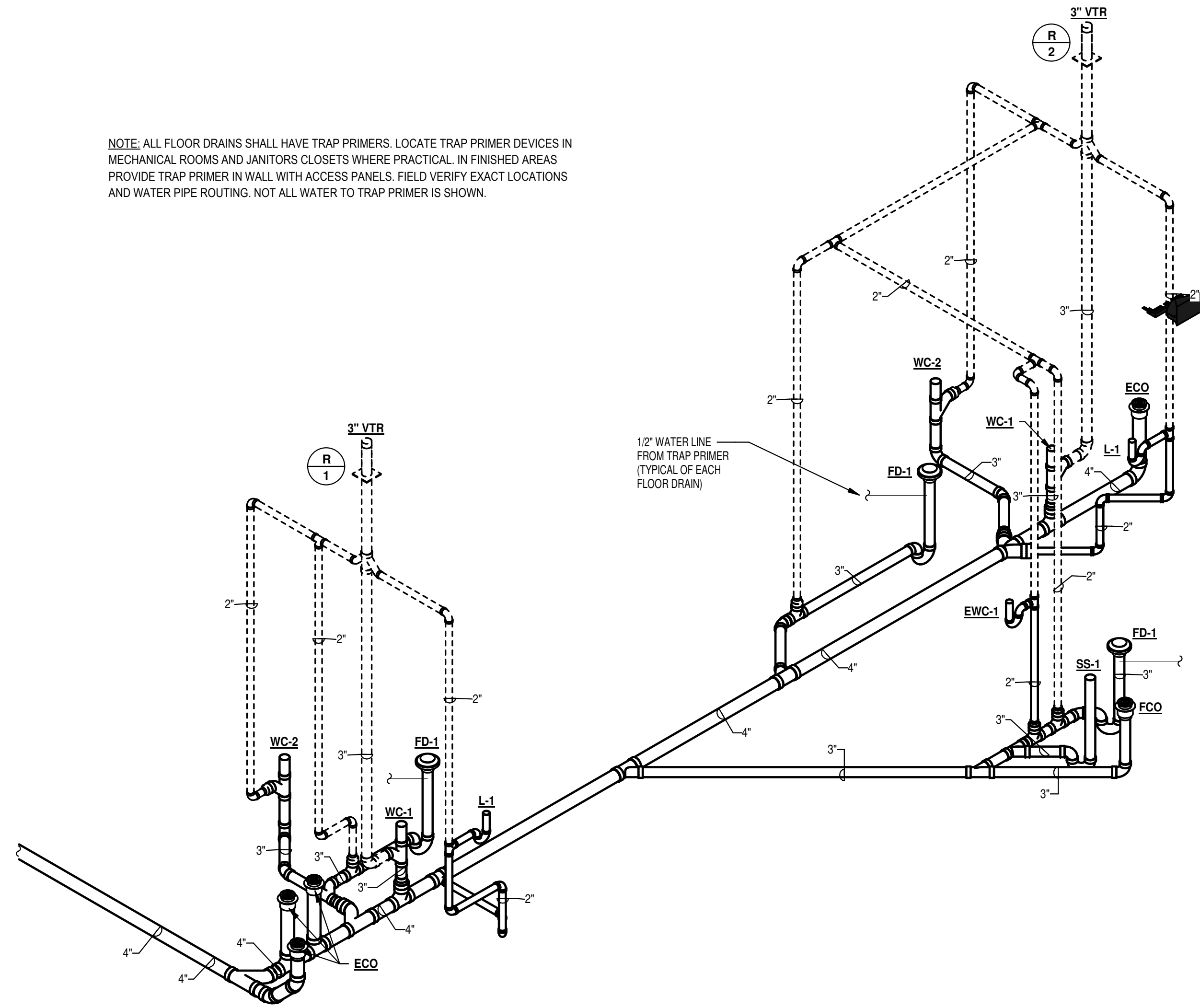


DOMESTIC WATER BACKFLOW PREVENTER (RPZ-1) - WATTS MODEL LF909, 1-1/2" SIZE, WITH STRAINER, EXTRA GATE VALVE, AND BRASS FUNNEL- MOUNT 12" OFF WALL AND 12-30" AFF ON PAINTED 2"X2"X1/4" ANGLE IRON SUPPORT FRAME -NOTE: -VERIFY EXACT REQ'TS FOR MAINTENANCE AND TESTING- ROUTE BLOWOFF PIPING (WITH AIR GAP) FULL SIZE TO FLOOR DRAIN (FD-2). FIELD COORDINATE EXACT FLOOR DRAIN LOCATION BELOW RPZ.

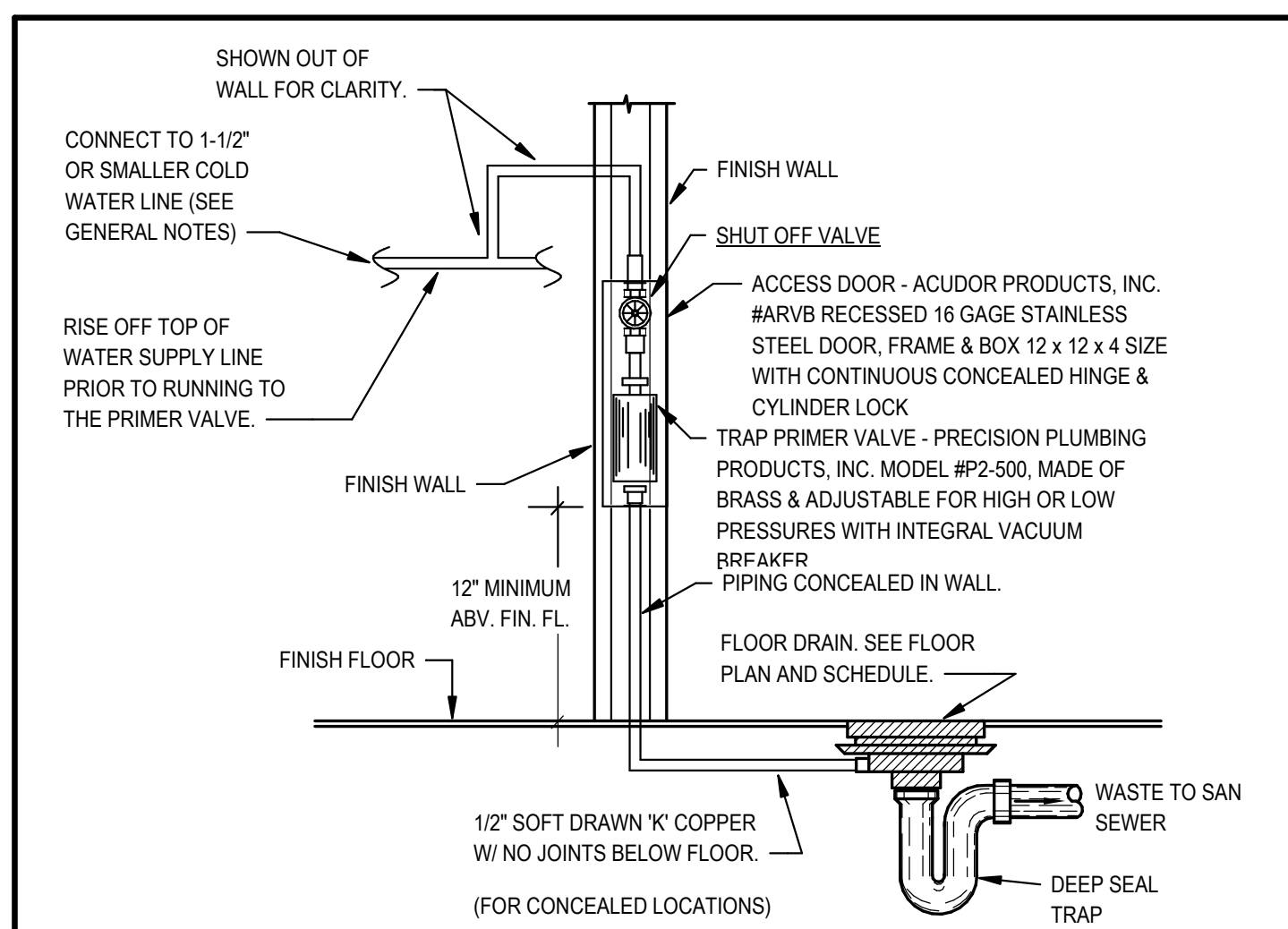
1 1/2" DOMESTIC WATER SERVICE BELOW GRADE (APPROX. 30 GPM DEMAND) - CONNECT TO WATER METER AS REQUIRED MAKE TAP IN ACCORDANCE WITH LOCAL WATER UTILITY CO. SEE CIVIL DRAWINGS FOR EXACT ROUTING AND DETAILS.

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

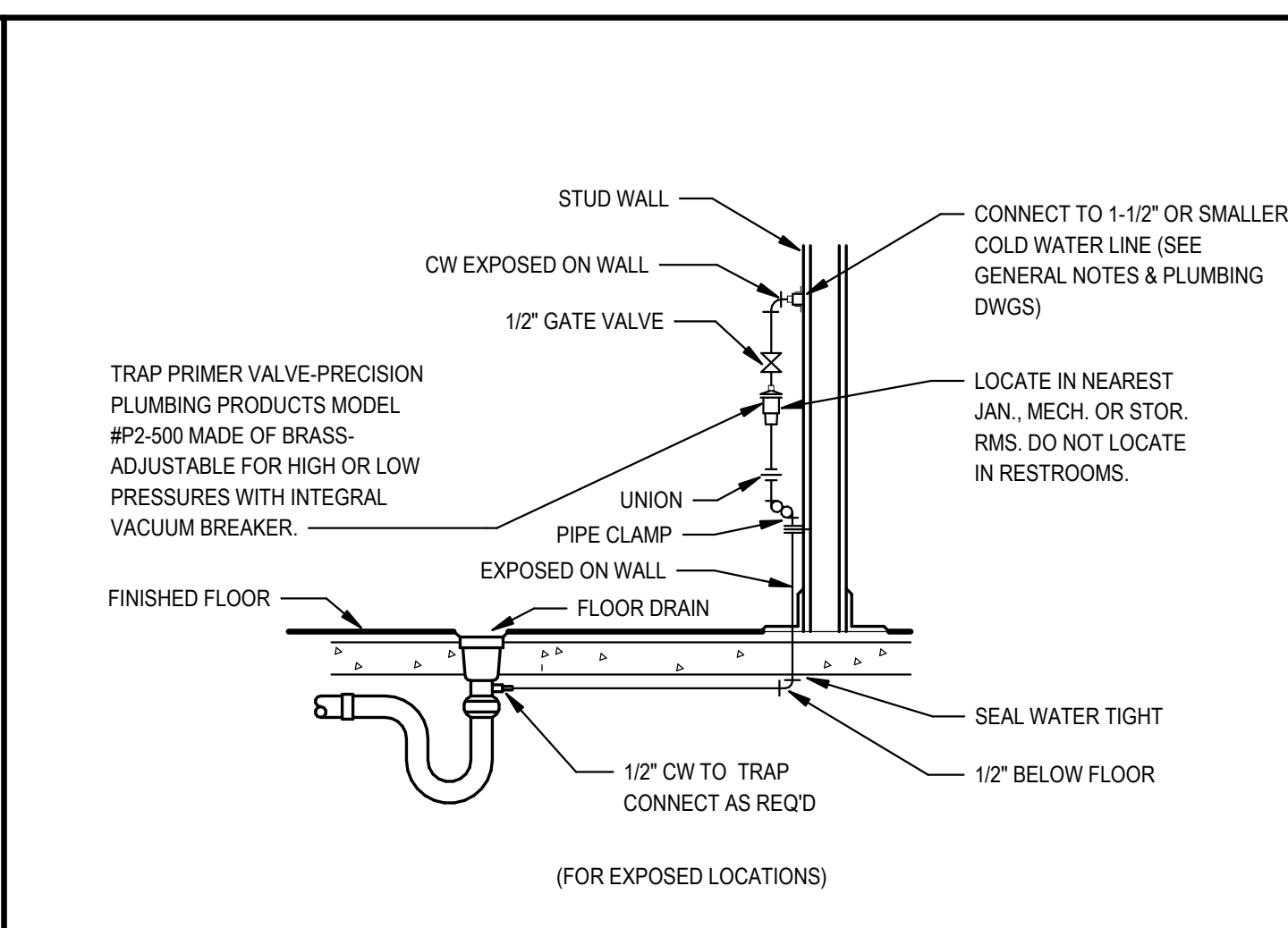
NOTE: ALL FLOOR DRAINS SHALL HAVE TRAP PRIMERS. LOCATE TRAP PRIMER DEVICES IN MECHANICAL ROOMS AND JANITORS CLOSETS WHERE PRACTICAL. IN FINISHED AREAS PROVIDE TRAP PRIMER IN WALL WITH ACCESS PANELS. FIELD VERIFY EXACT LOCATIONS AND WATER PIPE ROUTING. NOT ALL WATER TO TRAP PRIMER IS SHOWN.



SANITARY SEWER RISER

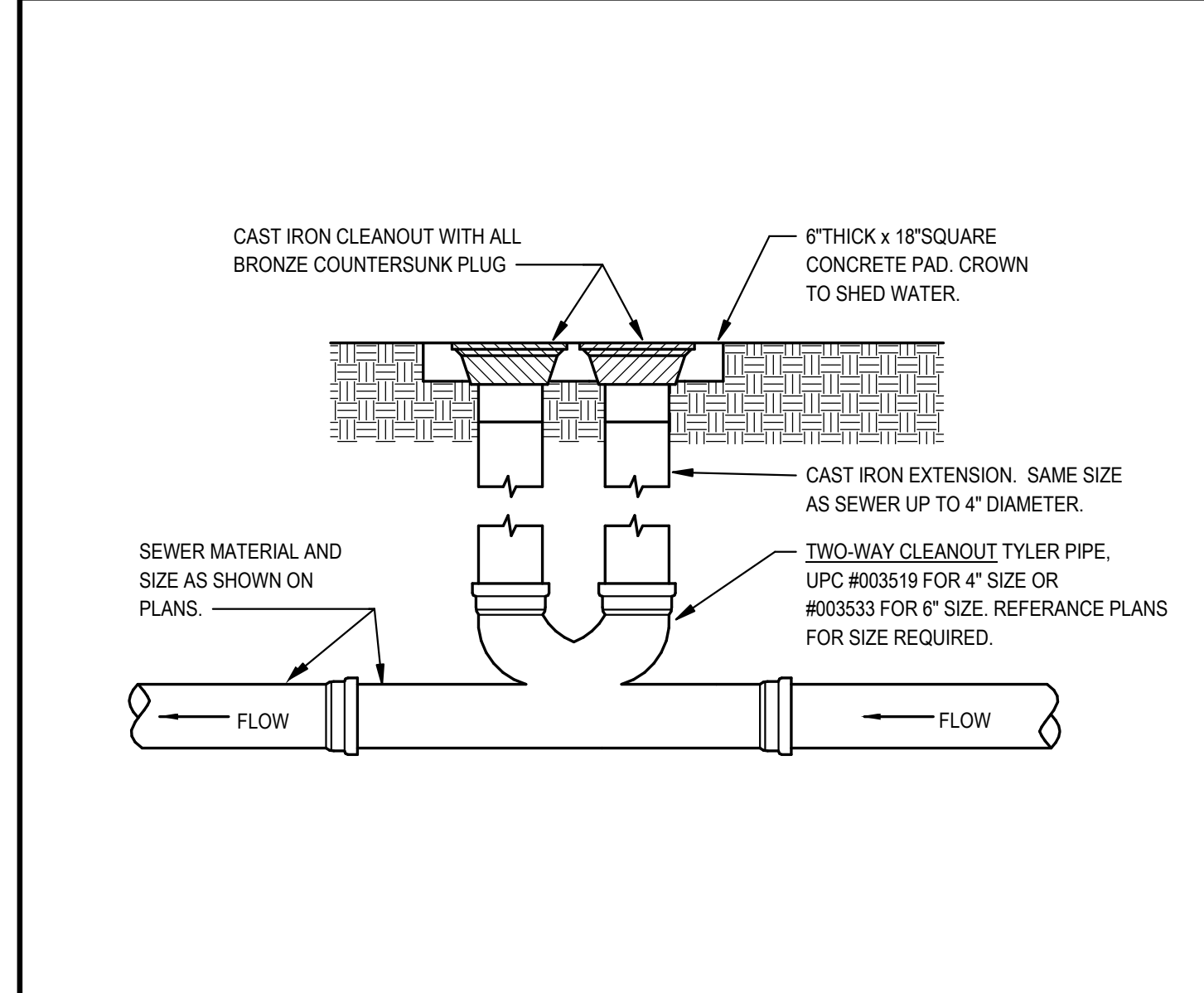


6 TRAP PRIMER DETAIL
SCALE: NONE

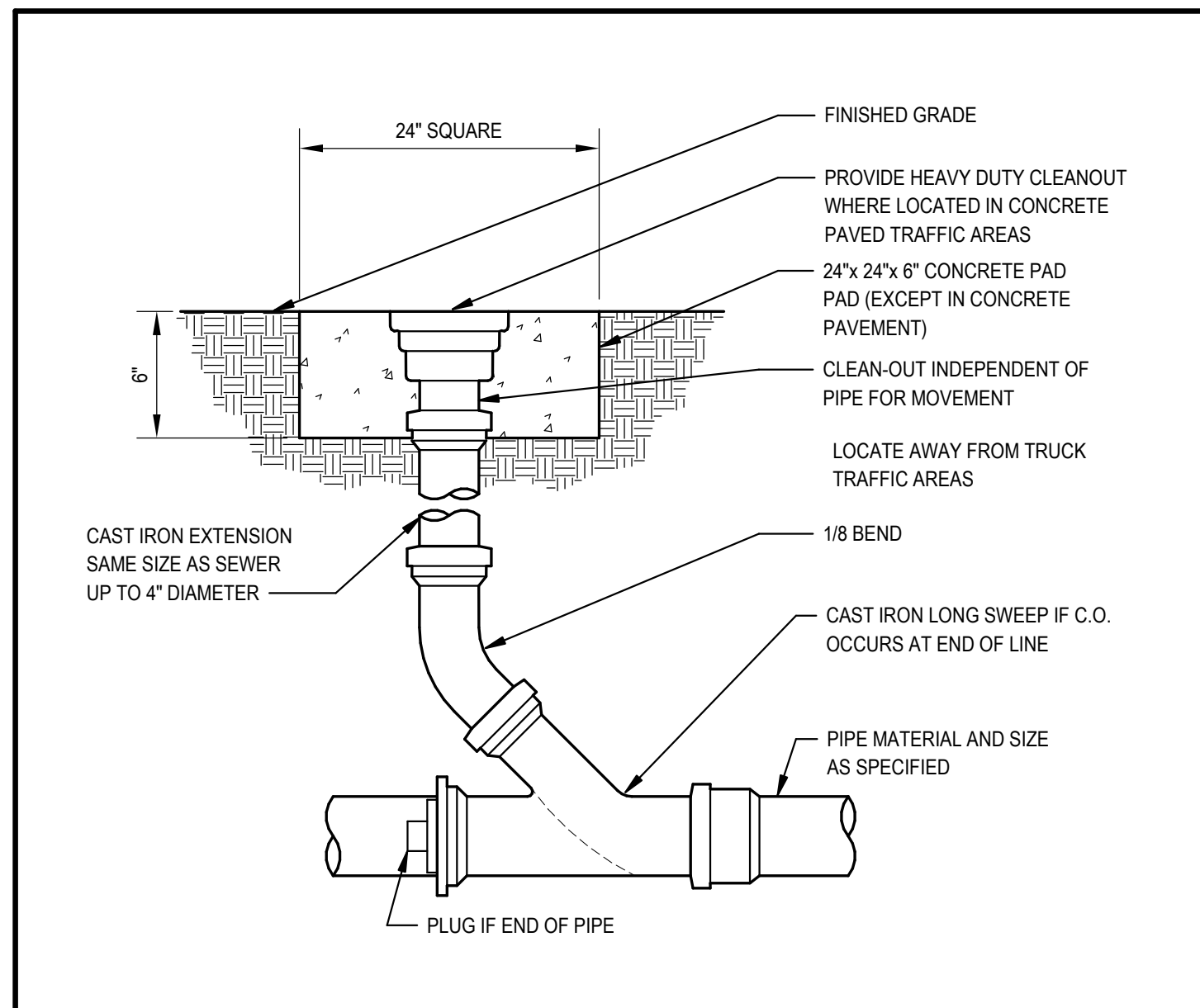


(FOR EXPOSED LOCATIONS)

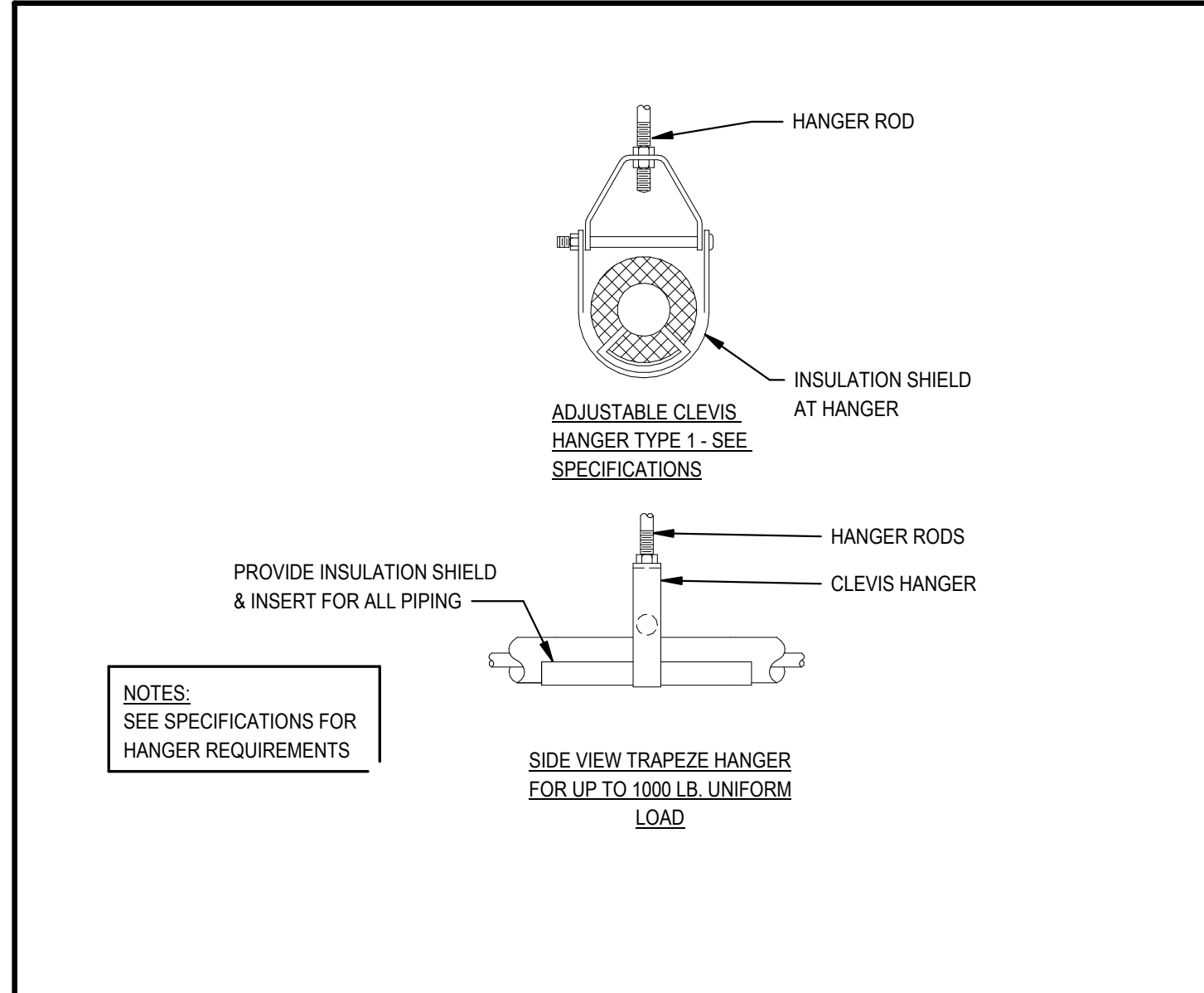
2 TWO-WAY CLEANOUT TO GRADE
SCALE: NONE



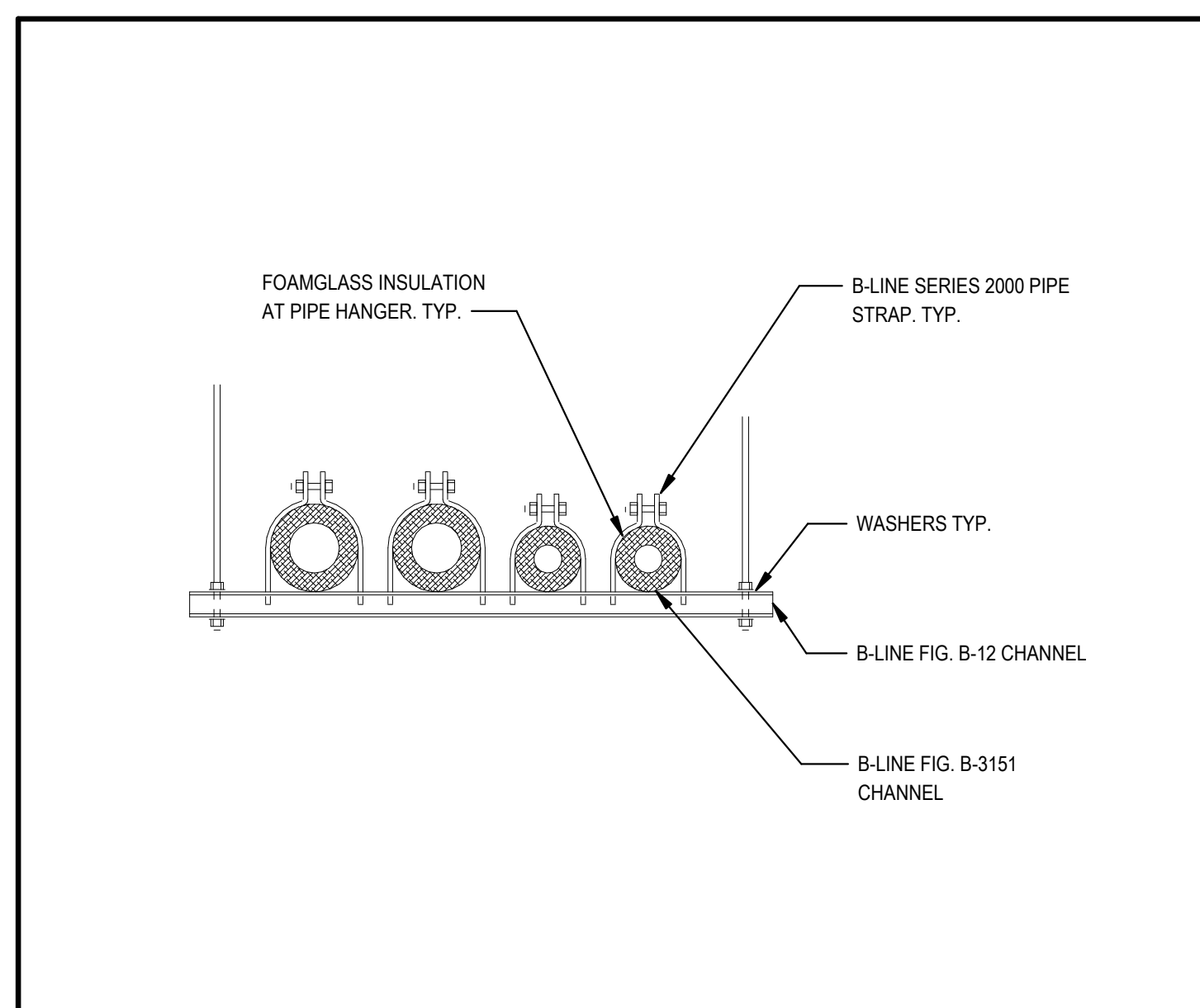
4 EXTERIOR CLEANOUT DETAIL
SCALE: NONE



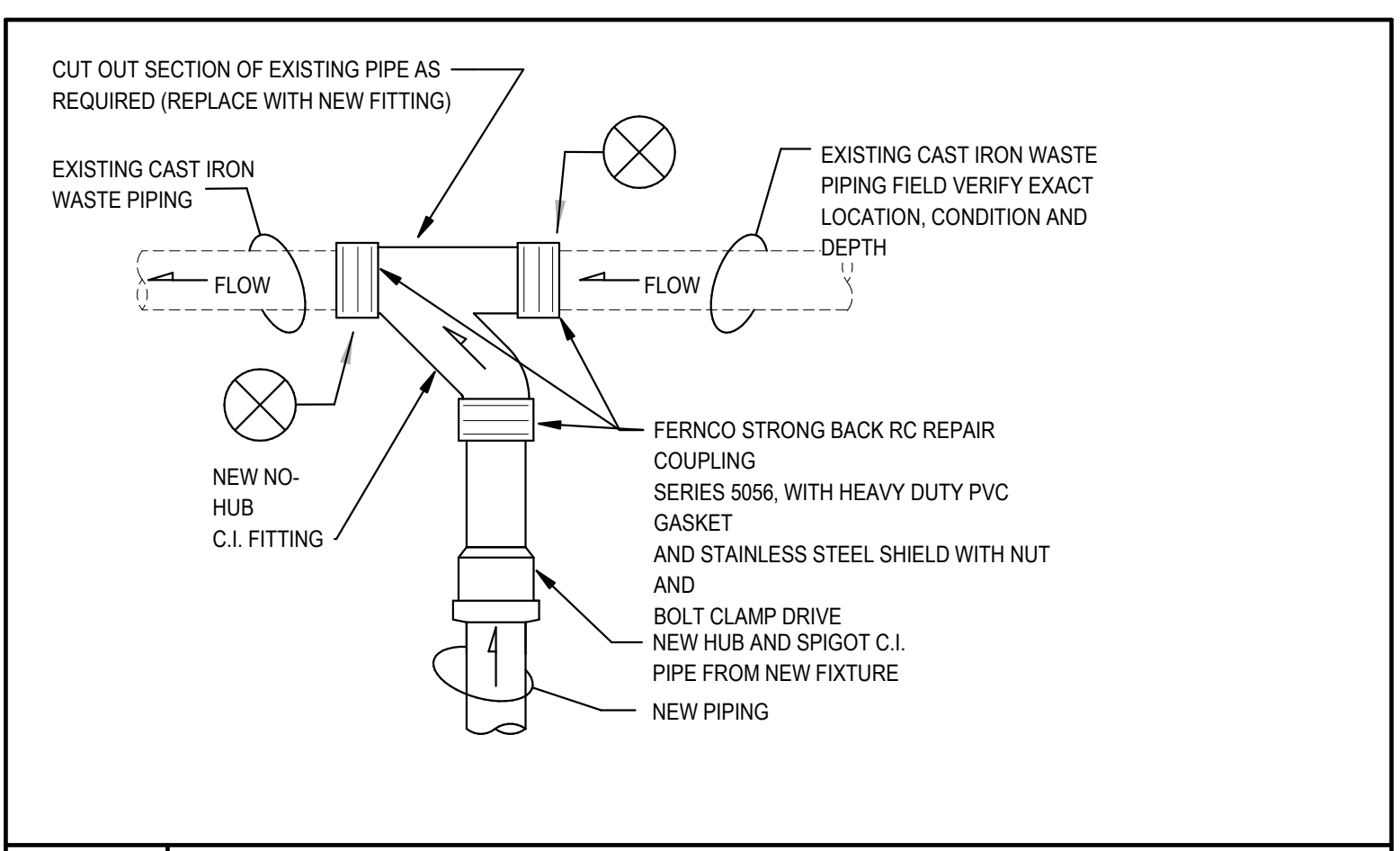
3 PIPING HANGER DETAIL
SCALE: NONE



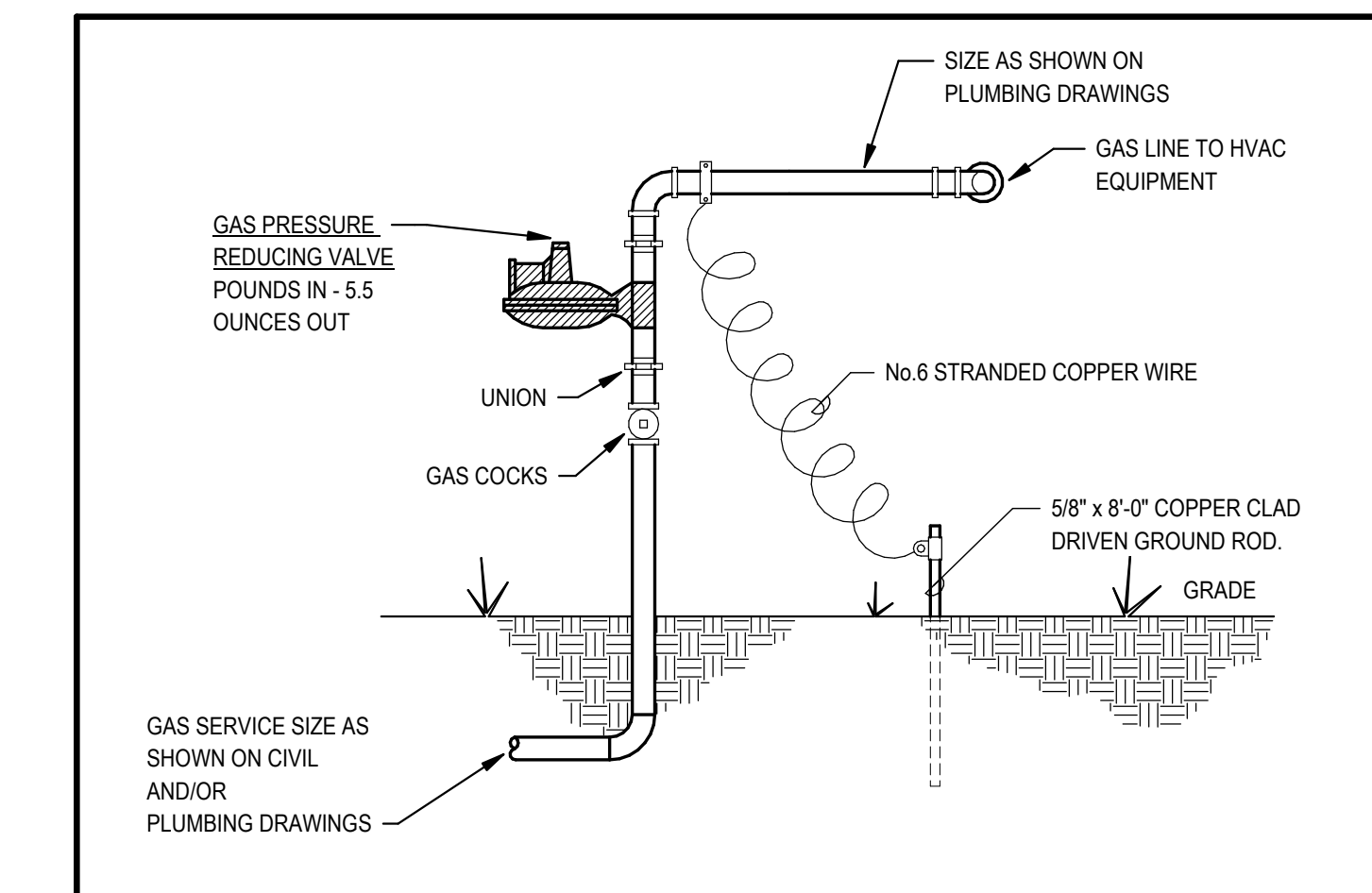
5 PIPING SUPPORT DETAIL
SCALE: NONE



7 CONNECTIONS OF NEW FITTINGS IN EXISTING WASTE PIPING BELOW FLOOR
SCALE: NONE



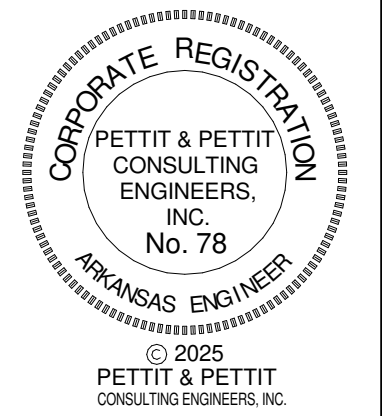
8 GAS P.R.V. DETAIL
SCALE: NONE



Revisions:

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Sheet Name:
PLUMBING DETAILS

Project No: 2423 Date: 03/07/2025

Sheet No: P201

EQUIPMENT (BY OTHERS) - ROUGH IN AND MAKE FINAL CONNECTIONS FOR EQUIPMENT AS INDICATED ON PLANS. FURNISH MCGUIRE, ZURN, OR KOHLER STRAIGHT STOP, (1/2" IPS) OR FEMALE INLET AND OUTLET AND POLISHED CHROMIUM PLATED CAST BRASS, MCGUIRE HEAVY-DUTY (1 1/4" OR 1 1/2") P-TRAP WITH CLEANOUT AND OTHER TRIM AS INDICATED ON PLANS. ALL EXPOSED PIPING SHALL BE CHROME PLATED AND ESCUTCHEONS SHALL BE C.P. CAST BRASS SET SCREW TYPE.

Revisions:

PLUMBING FIXTURE SCHEDULE

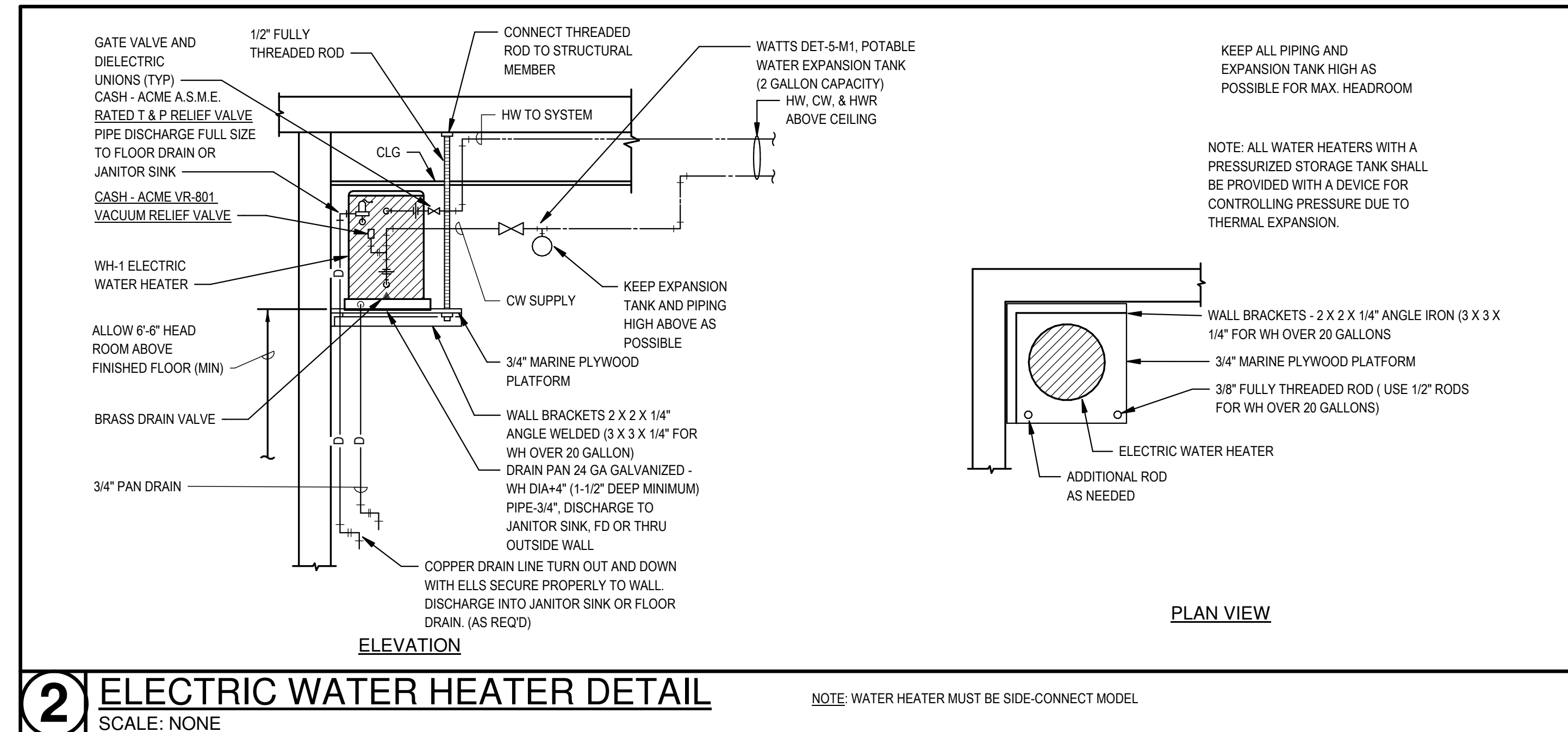
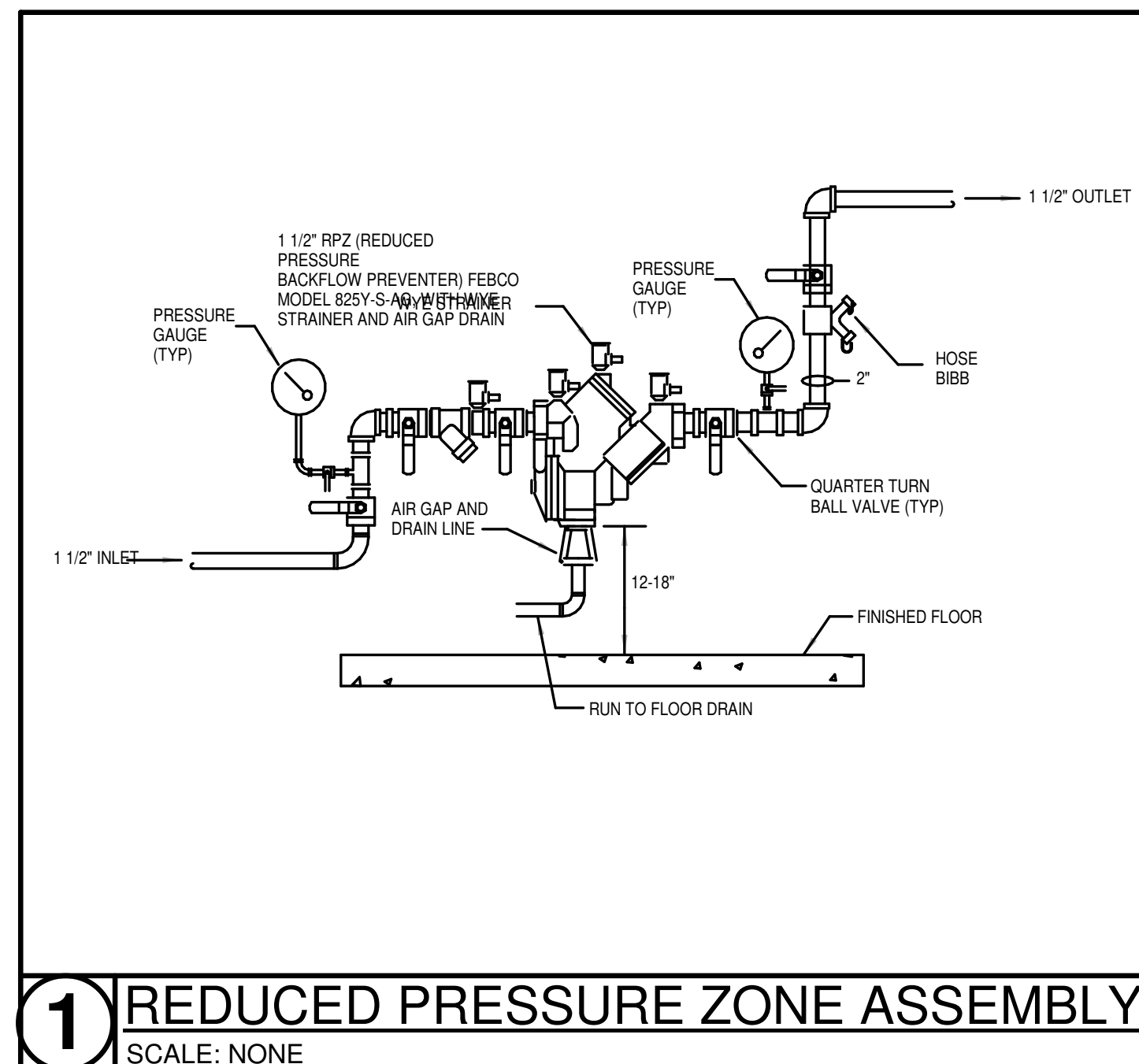
TYPE MARK	- MANUFACTURER -	- MODEL -	- DESCRIPTION -	- ADA COMPLIANT -	- TRIM -	- SUPPLIES -	- TRAP -	- SUPPORT -	- REMARKS -	CW SUPPLY	HW SUPPLY	VENT	WASTE
EWC-1	OASIS INTERNATIONAL	PGV8FEFSL	VERSACOOLER II (WITH VERSAFILTER SYSTEM) SPLIT LEVEL SHALL DELIVER 8 GALLONS OF 50 DEGREE F WATER AT 80 DEGREE IN LET WATER AND 90 DEGREE F AMBIENT. BUBBLERS SHALL BE CHROME-PLATED BRASS (OR STAINLESS STEEL) AND BUILT IN REGULATOR TO DELIVER SMOOTH READY STREAM AT SUPPLY PRESSURES FROM 20 TO 125 PSI. MODEL SHALL INCLUDE PG8AC AND 'VERSAFILLER' SPORTS BOTTLE FILLER WITH HANDS FREE ACTIVATION. COOLER TOP SHALL BE 304 STAINLESS STEEL WITH ANTI-SPLASH DESIGN. COOLER FRAME SHALL BE 16-GAGE WELDED STEEL AND PRIME COATED FOR CORROSION PROTECTION. CABINET FINISH SHALL BE BRUSHED STAINLESS STEEL. WATER COOLER SHALL HAVE 5-YEAR WARRANTY ON SEALED REFRIGERATION SYSTEM AND MOST COMPONENT PARTS.	YES	MCGUIRE LFST17K	MCGUIRE LFHST07LK HEAVY CAST BRASS STRAIGHT STOP WITH LOOSE KEY HANDLE, 1/2 INCH SIZE.	MCGUIRE 8088	ZURN Z-1225-BL 'RIGID PLATE SYSTEM' HAVING STEEL UPRIGHTS WITH SUPPORT PLATES, AND BEARING JACKS MOUNTED ON ADJUSTABLE HEADER.		1/2		2	2
L-1			SOLID SURFACE LAVATORY INTEGRAL WITH COUNTERTOP. SEE ARCHITECTURAL DRAWINGS.	YES	T&S BRASS MODEL B-2711-VF05, DECK MOUNTED SINGLE LEVER FAUCET, CHROME PLATED BRASS BODY WITH INTEGRAL SPOUT, B-0199-BF05 0.4 GPM VANDAL RESISTANT AERATOR, CERAMIC CARTRIDGE WITH ADJUSTABLE TEMPERATURE LIMIT STOP, MCGUIRE 15S-A DRAIN WITH PERFORATED STRAINER AND 1-1/4 INCH TAILPIECE, ACORN T-70 THERMOSTATIC MIXING VALVE. (105 DEGREE TEMPERED WATER TO BE DELIVERED TO HW SIDE OF FAUCET.)	MCGUIRE H2167LK 1/2 INCH IPS HEAVY DUTY CAST BRASS ANGLE STOP, LOOSE KEY HANDLE, ANNEALED VERTICAL TUBE, CHROME PLATED CAST BRASS SET SCREW ESCUTCHEON, CHROME PLATED BRASS NIPPLE TO WALL.	MCGUIRE 8872 (1-1/4 INCH) POLISHED CHROME PLATED CAST BRASS ADJUSTABLE P-TRAP WITH CLEANOUT AND 17-GAGE TUBING TO WALL WITH CHROME PLATED CAST BRASS SET SCREW ESCUTCHEON.	COUNTER MOUNT	NOTE: ALL EXPOSED SUPPLY (HOT AND COLD WATER) AND DRAIN PIPING SHALL BE INSULATED TO MEET ADA REQUIREMENTS. P-TRAP AND ANGLE VALVE ASSEMBLIES SHALL BE COVERED WITH MOLDED, ANTI-MICROBIAL TRUE-BRO, INC. 'LAV-GUARD' MODEL #102 (VERIFY EXACT MODEL REQUIRED), COLOR GREY. COVER TO BE SECURED WITH SNAP-CLIPS. ANGLE STOPS SHALL HAVE LOCK-LID ACCESS COVERS.	1/2	1/2	2	2
SS-1	FIAT	TSB-200	24 INCH X 24 INCH X 12 INCH, ONE PIECE PRECAST TERRAZZO, INTEGRAL DRAIN BODY, 1239-BB ALUMINUM BUMPER GUARD, 889-CC MOP HANGER, 832-AA HOSE AND BRACKET, 833-AA SILICONE SEALANT, STAINLESS STEEL WALL GUARD.		T&S B-0665-BSTP FAUCET, POLISHED CHROME FINISH, INTEGRAL STOPS, TOP BRACE, LEVER HANDLES, VACUUM BREAKER, 8 INCH CENTERS.		CAST IRON 3 INCH SIZE, DEEP SEAL TYPE BELOW FLOOR.	FLOOR MOUNTED		3/4	3/4	2	3
WC-1	AMERICAN STANDARD	4019.619	BABY DEVORO 10 INCH HIGH TOILET, VITREOUS CHINA, 1.28 GPF, TWO PIECE TANK AND BOWL WITH LOCKING DEVICE, COUPLING COMPONENTS AND TANK TRIM, 10 INCH ROUGH IN, ROUND RIM, FLOOR MOUNTED, 5001G.055 OPEN FRONT SEAT.	NO		MCGUIRE LF2166CLK LOOSE KEY CLOSET SUPPLY, CHROME PLATED.	INTEGRAL WITH FIXTURE	FLOOR MOUNTED		1/2		2	4
WC-2	AMERICAN STANDARD	2462.016	CADET PRESSURE-ASSISTED TOILET, VITREOUS CHINA, 1.6 GPF, TWO PIECE TANK AND BOWL, 12 INCH ROUGH IN, ELONGATED RIM, FLOOR MOUNTED, OLSONITE 95-SS 'INDUSTRIAL' SEAT - FINISH WHITE, EXTRA HEAVY DUTY PLASTIC FOR ELONGATED BOWL, OPEN FRONT WITH CONCEALED CHECK HINGE, SELF-SUSTAINING FEATURE AND STAINLESS STEEL HINGE POST.	YES		MCGUIRE LF2166CLK LOOSE KEY CLOSET SUPPLY, CHROME PLATED.	INTEGRAL WITH FIXTURE	FLOOR MOUNTED		1/2		2	4

ELECTRIC WATER HEATER SCHEDULE

TYPE MARK	MANUFACTURER	MODEL	DESCRIPTION	KW RATING	VOLTAGE	PHASE	AMPS	VOLUME	DIAMETER (IN)	HEIGHT (IN)	OPERATING WEIGHT (LBS)
EWH-1	A O SMITH	DEL-20	COMMERCIAL ELECTRIC, 19 GALLON TANK CAPACITY, 6 KW INPUT, 208 VOLT, (1) PHASE, GLASSLINED TANK, TEMPERATURE CONTROL ADJUSTABLE FROM 110 TO 170 DEGREES F, FURNISH T&P RELIEF VALVE, CASH ACME - VR-801 VACUUM RELIEF VALVE, AMTROL ST-5 EXPANSION TANK (2 GALLON CAPACITY MIN.) WITH HOLDRITE OS-5 EXPANSION TANK WALL MOUNT SYSTEM. HOLDRITE #30-SWHP-WM EQUIPMENT PLATFORM UP TO 300LBS TOTAL WEIGHT.	6	208	SINGLE		19	21.75	22.25	73

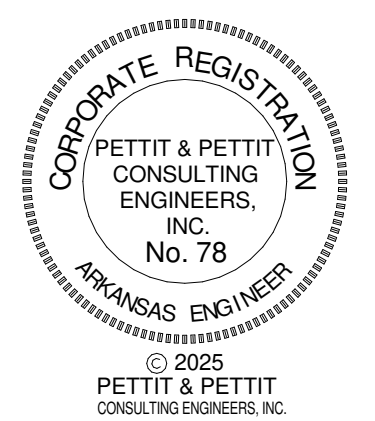
PLUMBING SPECIALTIES

TYPE MARK	MANUFACTURER	MODEL	DESCRIPTION	REMARKS
ECO	ZURN	Z-1400-BP-VP	LEVEL-TROL, GASKETED HUB OUTLET, THREADED ADJUSTABLE HOUSING, BRONZE PLUG, DURA-COATED CAST IRON TOP, VANDAL PROOF SCREWS.	
FCO	ZURN	ZN-1400-BP-VP	LEVEL-TROL, CAST IRON, GASKETED HUB OUTLET, THREADED ADJUSTABLE HOUSING, BRONZE PLUG, NICKEL BRONZE SCORRIATED TOP, VANDAL PROOF SCREWS.	
FD-1	ZURN	ZN-415B-P-VP	CAST IRON DRAIN, 7" POLISHED NICKEL BRONZE "TYPE B" STRAINER, ADJUSTABLE COLLAR WITH SEEPAGE SLOTS, 1/2" TRAP PRIMER CONNECTION.	TYPICAL TOILET DRAIN, VERIFY LOCATIONS WITH ARCHITECTURAL DRAWINGS. ALL FLOOR DRAINS SHALL BE ACCESSORIZED FOR VANDAL PROOF INSTALLATION AND SHALL HAVE TRAP PRIMERS.
FPWH-1	ZURN	Z-1300	ECOLOTROL 'ANTI-SIPHON, NON-FREEZE, 3/4 INCH SIZE NICKEL BRONZE CASING AND ALL BRONZE INTERIOR PARTS AND NON TURNING OPERATING ROD WITH FREE FLOATING COMPRESSION CLOSURE VALVE, NICKEL BRONZE FACE, INTEGRAL BACKFLOW PREVENTER, UNION ELBOW INLET, WALL CLAMP AND KEY HANDLE. BOX FACE AND HINGED COVER SHALL BE NICKEL BRONZE COMPLETE WITH OPERATING KEY AND 'WATER' CAST ON COVER.	



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Sheet Name:
PLUMBING SCHEDULES
Project No: 2423
Date: 03/07/2025
Sheet No:

P301

Revisions:

GENERAL SPECIFICATION ITEMS

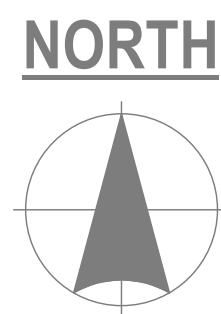
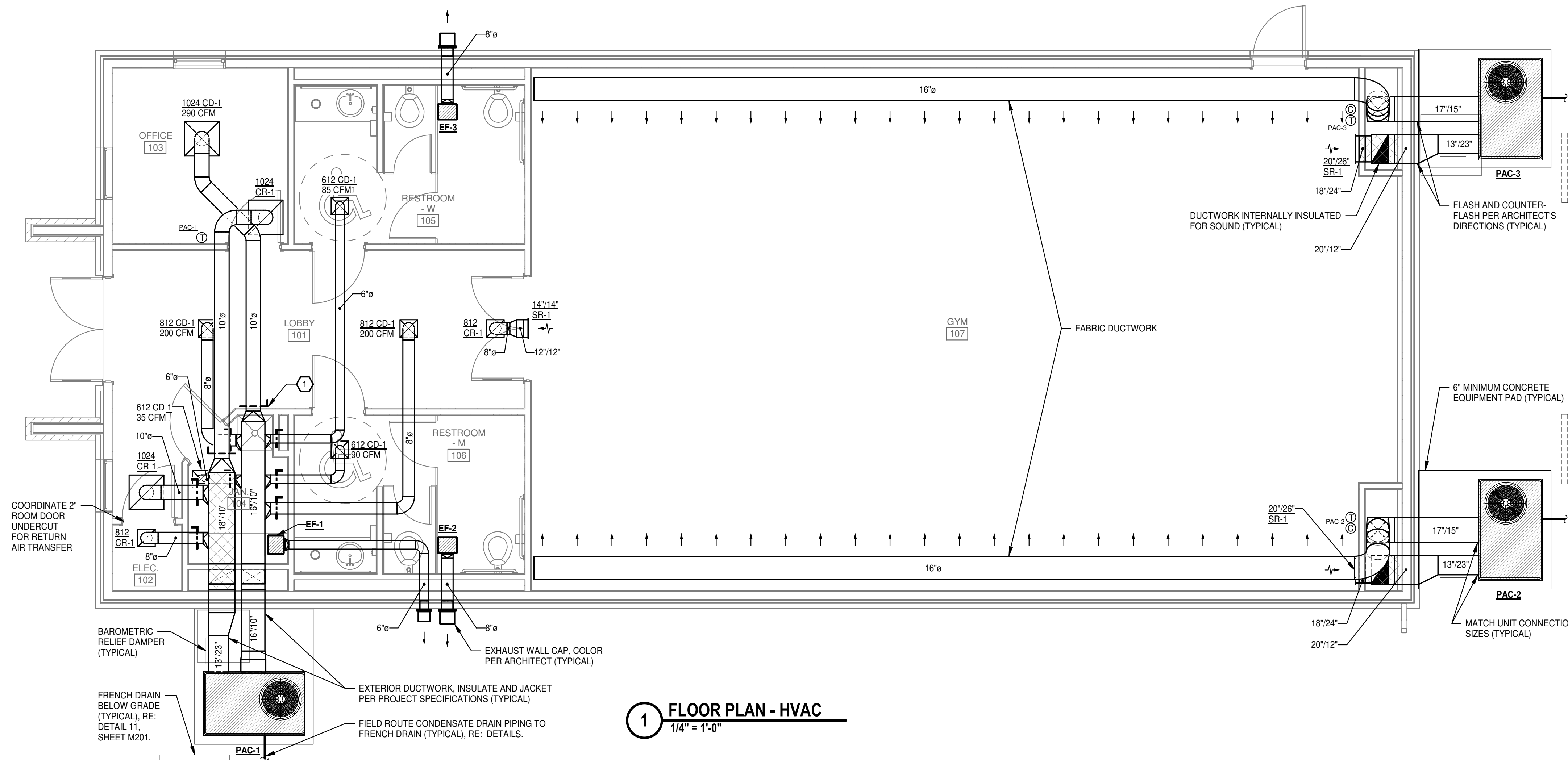
1. ALL SUPPLY AND RETURN DUCTWORK TO MEET CURRENT SMACNA STANDARDS AND WILL BE INSULATED WITH 2" THICK, 1# DENSITY FIBERGLASS DUCTWRAP.
2. PIPING AND EQUIPMENT SUPPORTS TO BE IN COMPLIANCE WITH INTERNATIONAL BUILDING CODE CATEGORY "D" REQUIREMENTS.
3. CONTRACTOR SHALL BALANCE SUPPLY, RETURN, AND EXHAUST SYSTEMS.

HVAC GENERAL NOTES

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

HVAC KEYED NOTES

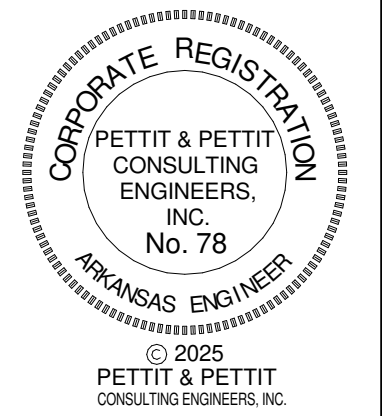
- ① INSTALL REMOTE DAMPER REGULATOR AND FIELD COORDINATE ADJUSTMENT DEVICE TO BE LOCATED INSIDE JANITOR CLOSET FOR TAB CONTRACTOR'S USAGE (TYPICAL). LABEL EACH INDIVIDUAL ADJUSTMENT DEVICE FOR AIR DEVICE LOCATION SERVED.



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

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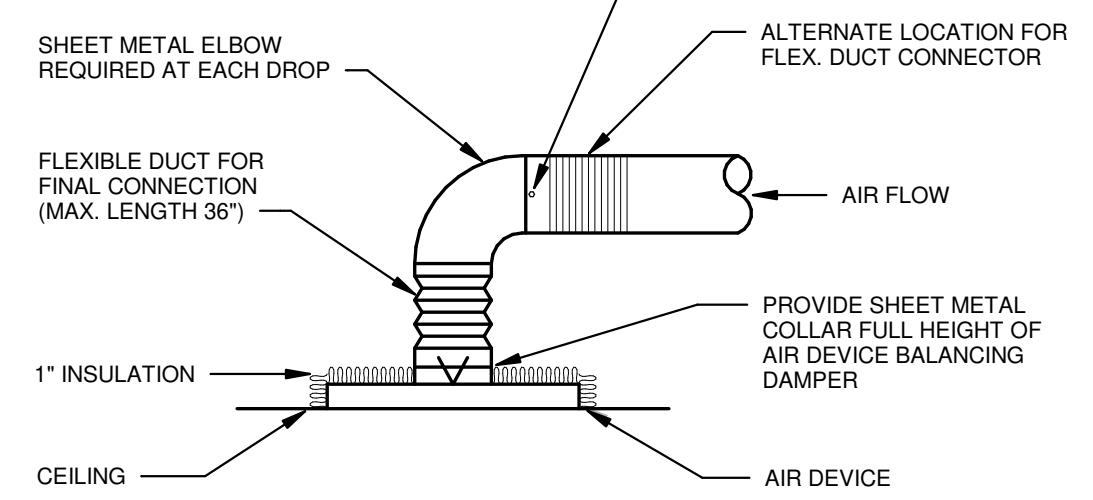
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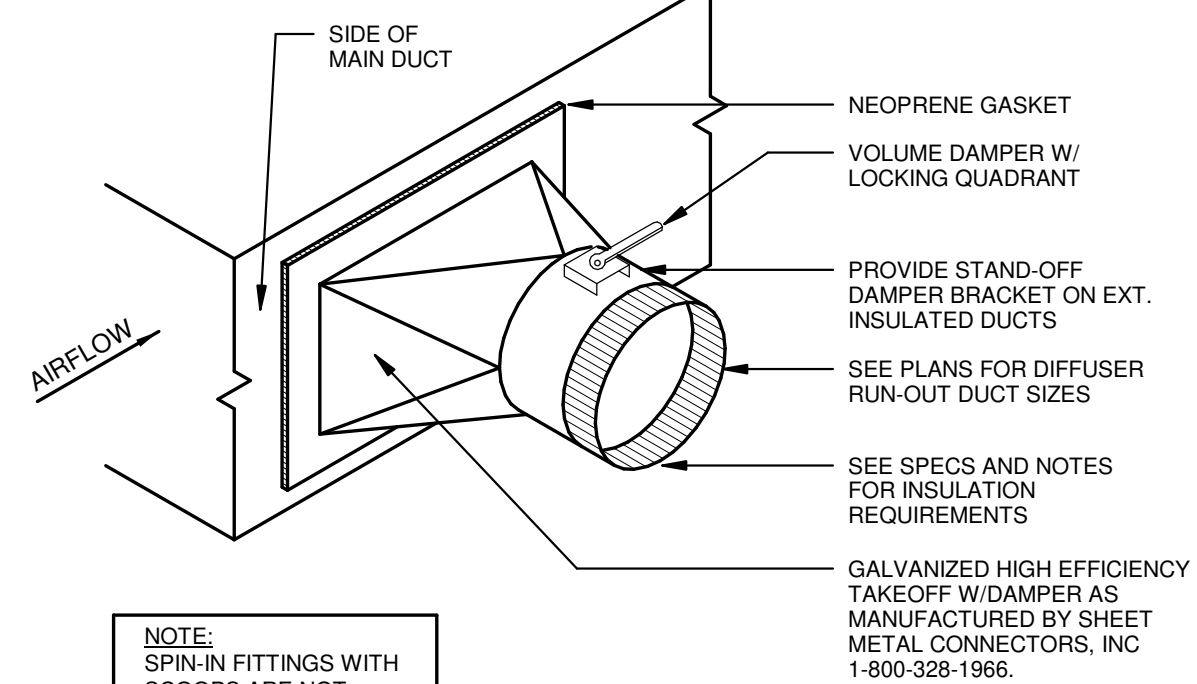
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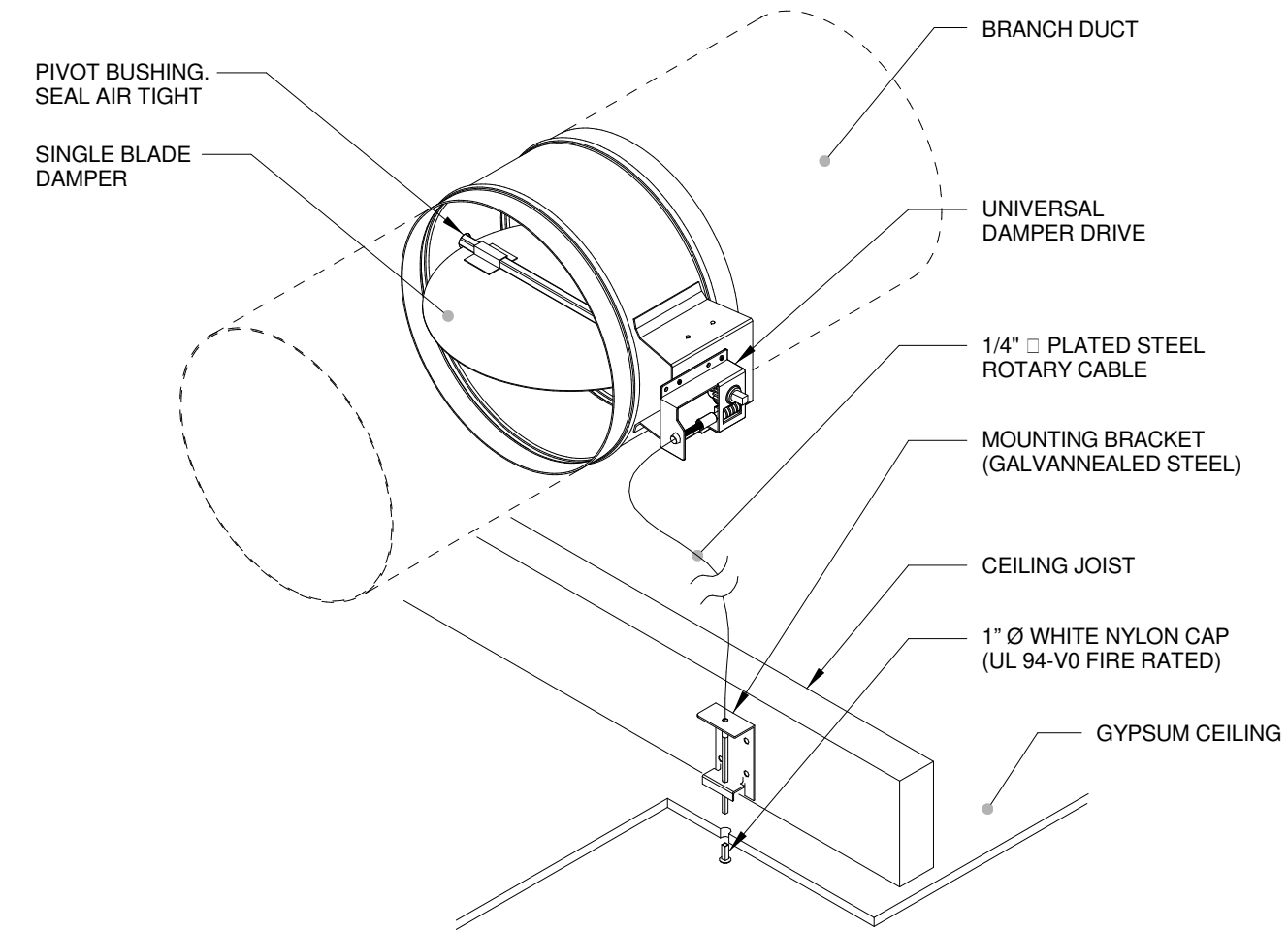
NOTE:
PROVIDE SUPPORT FOR
BRANCH DUCT AS REQ'D
TO PREVENT KINKING OF
FLEXIBLE DUCT.



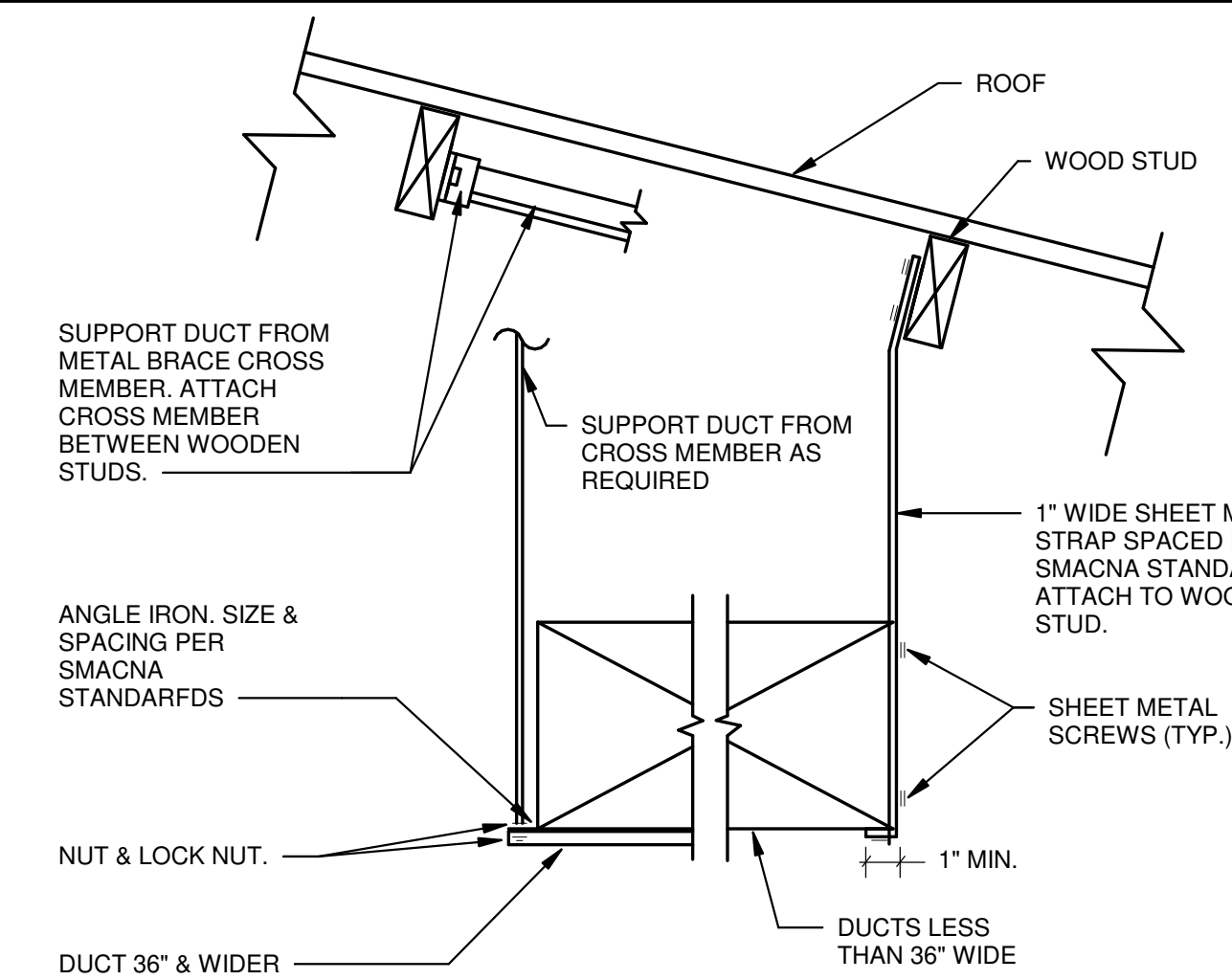
1 DIFFUSER CONNECTION DETAIL
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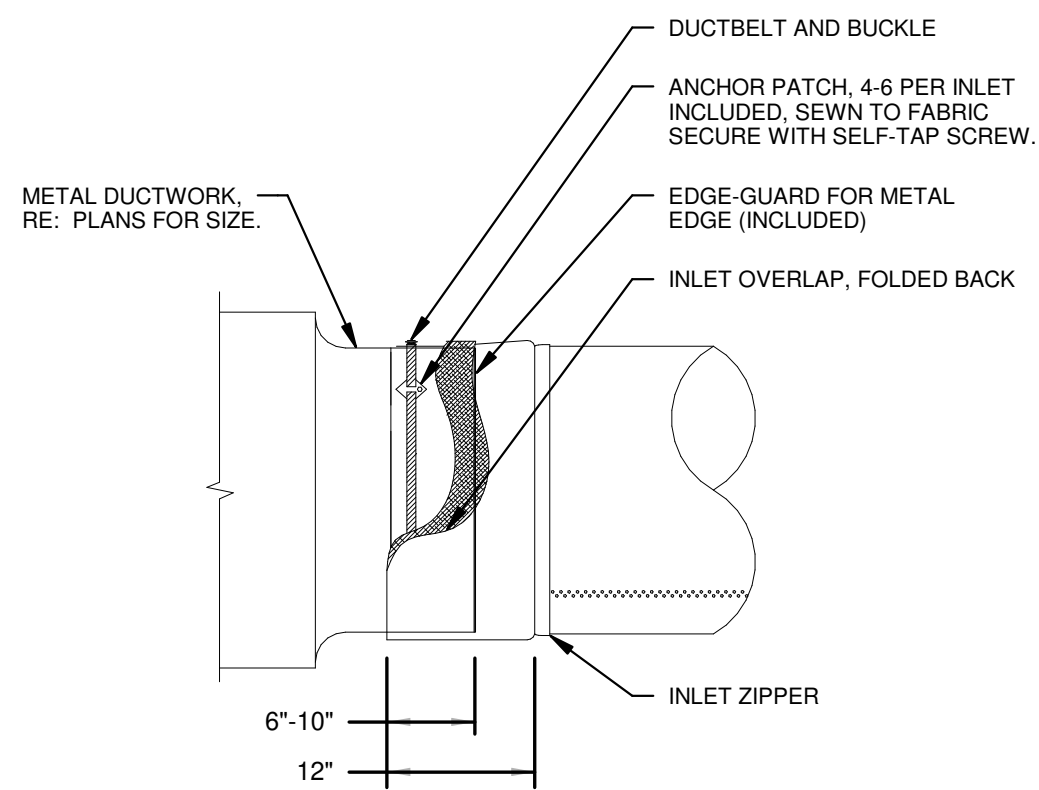
2 BRANCH DUCT TAKE-OFF DETAIL
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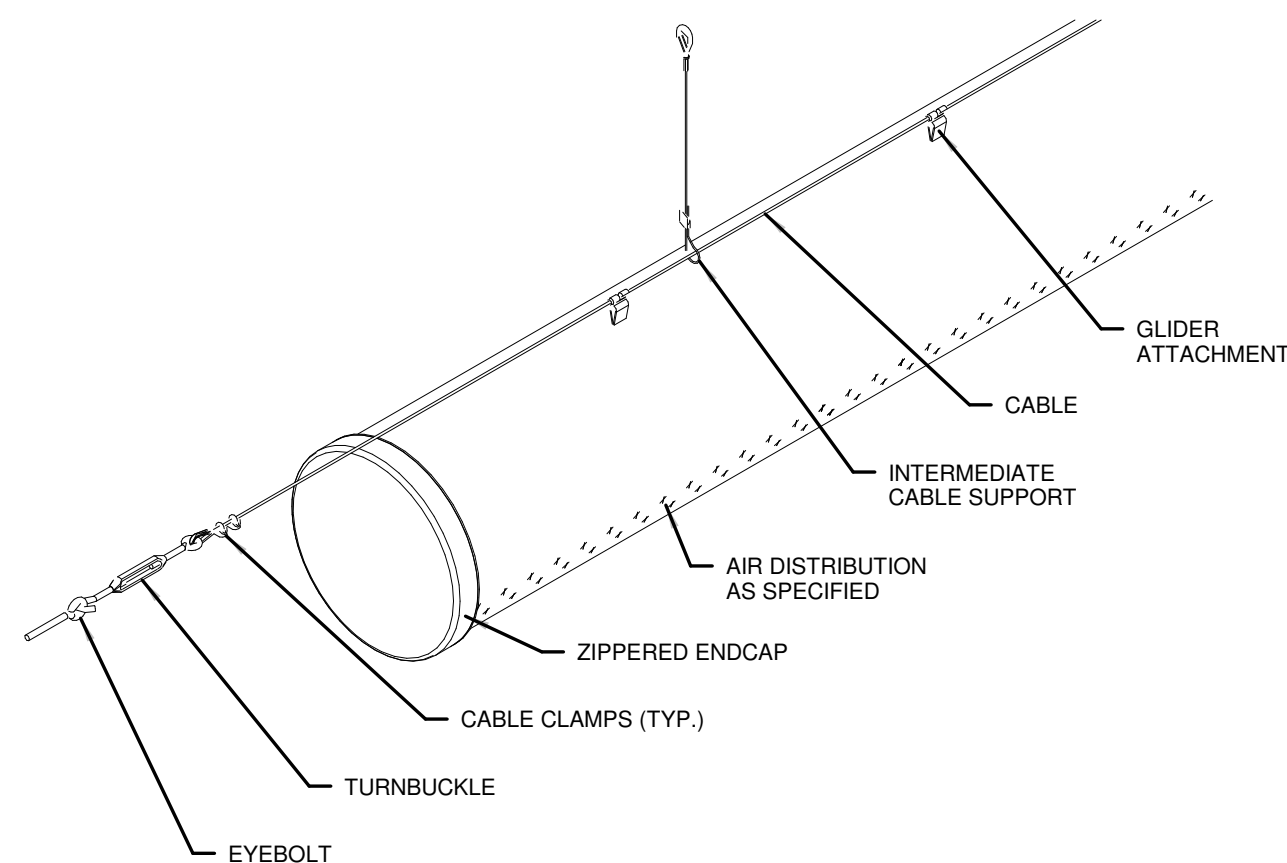
3 MANUAL DAMPER
OPERATOR DETAIL
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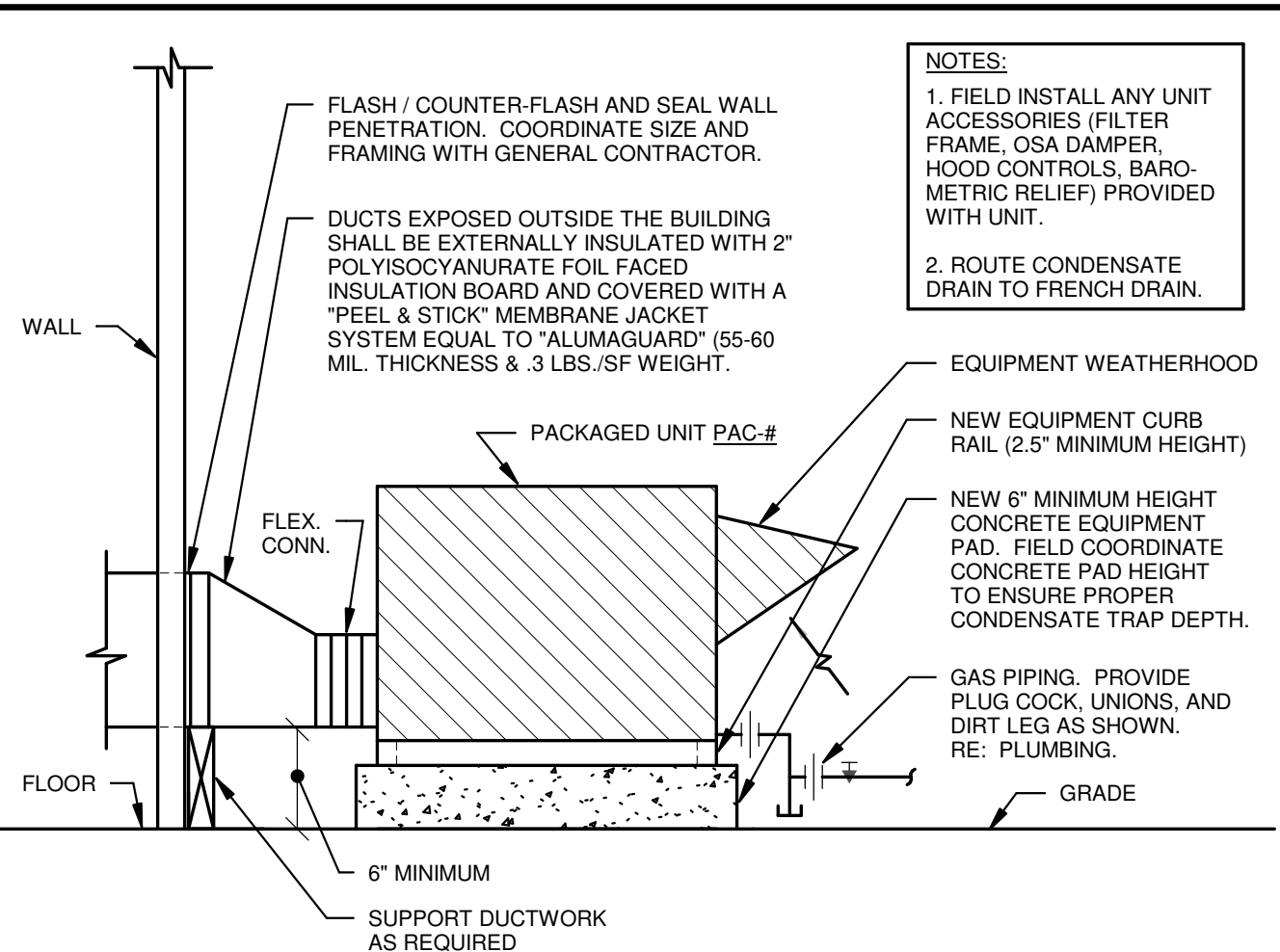
4 DUCT SUPPORT DETAIL
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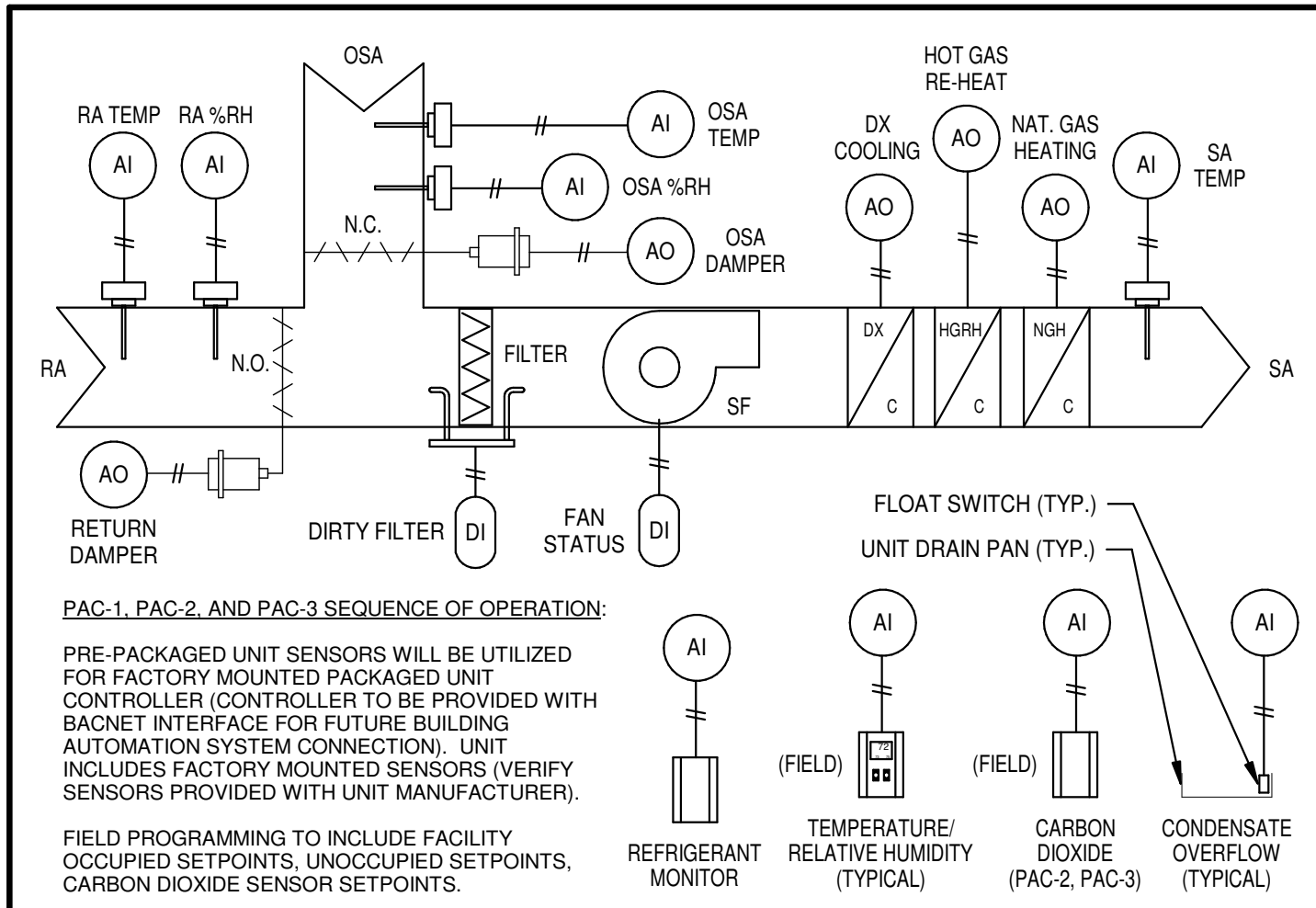
5 INLET ATTACHMENT DETAIL
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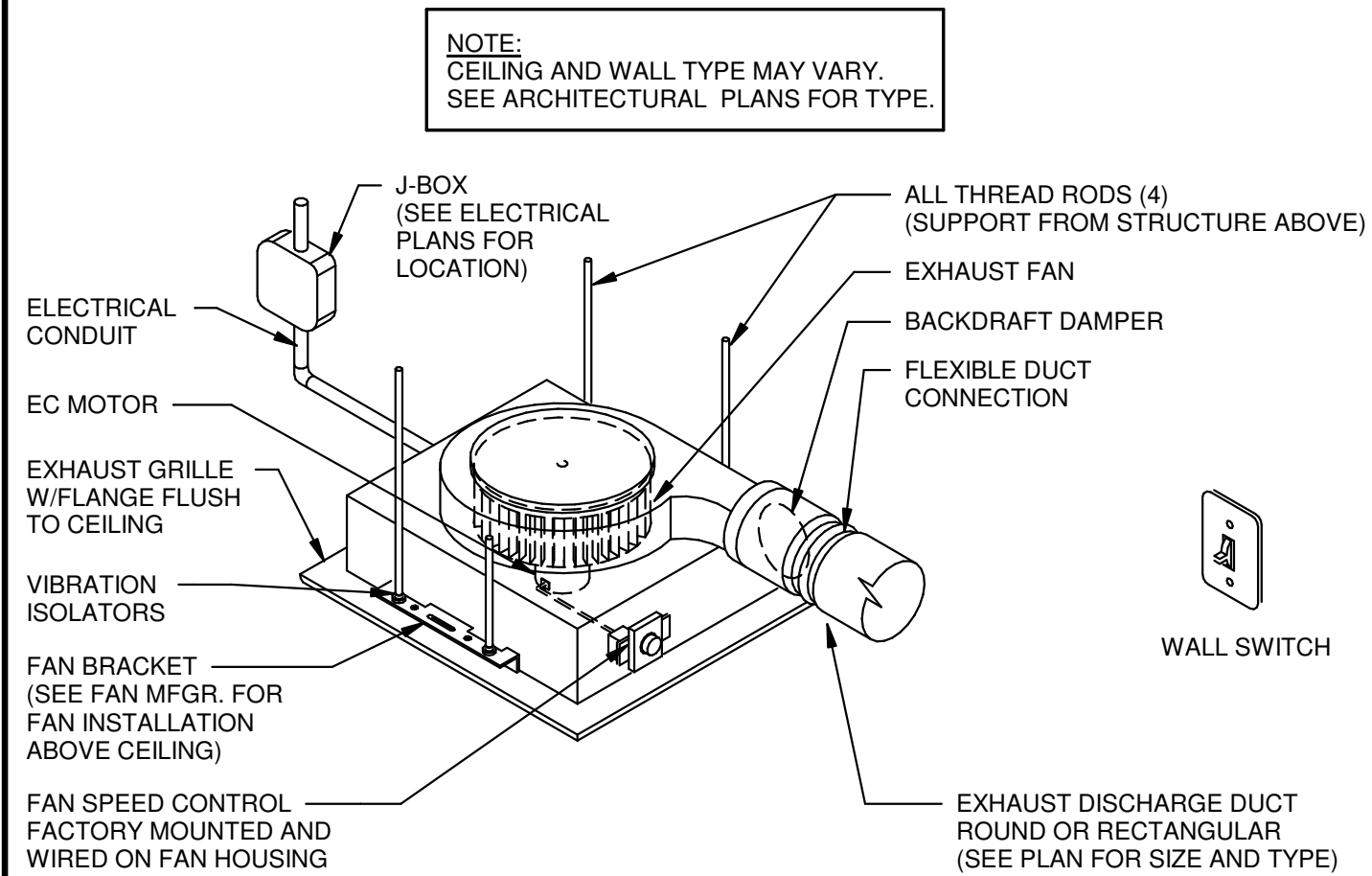
6 FABRIC DUCTWORK
SUSPENSION DETAIL
N.T.S.



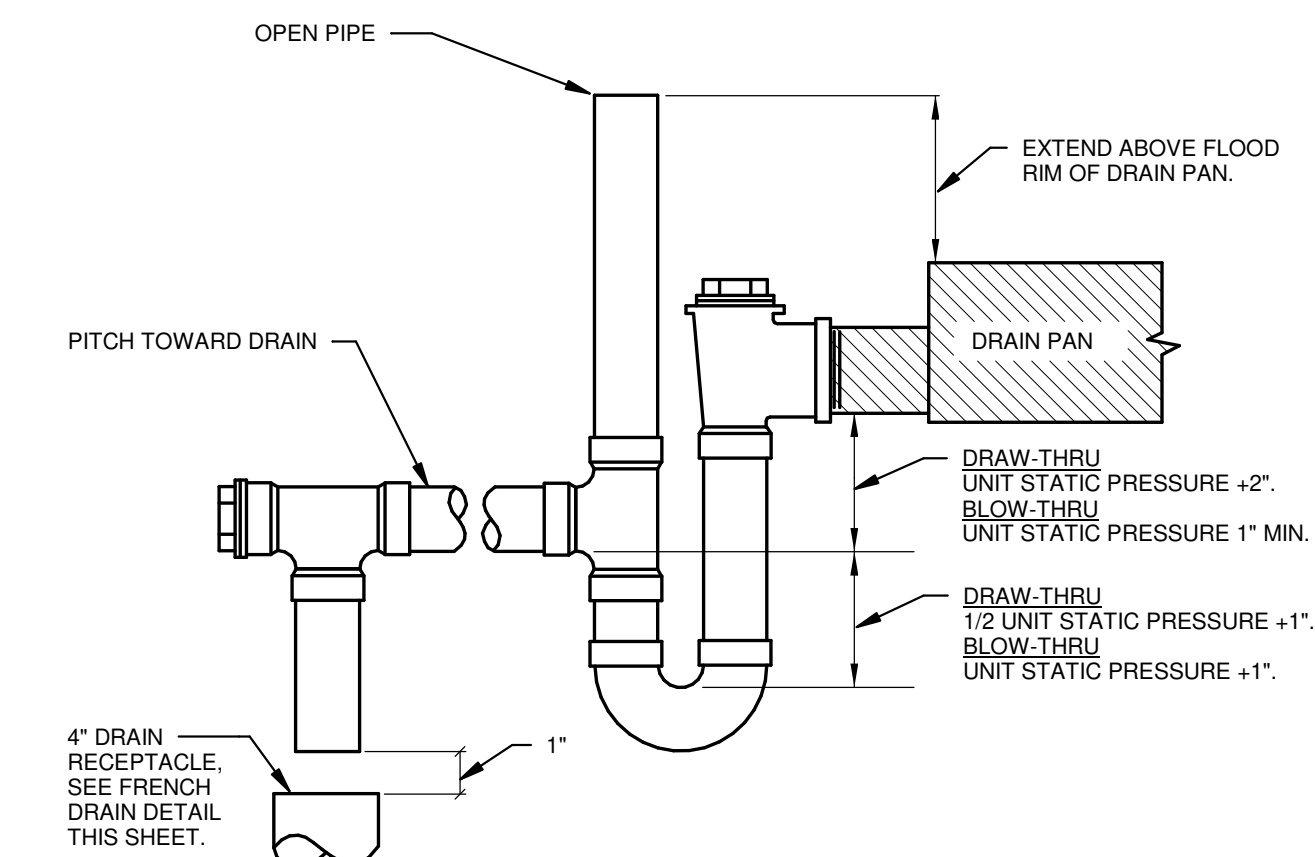
7 TYPICAL PACKAGED UNIT
INSTALLATION DETAIL
N.T.S.



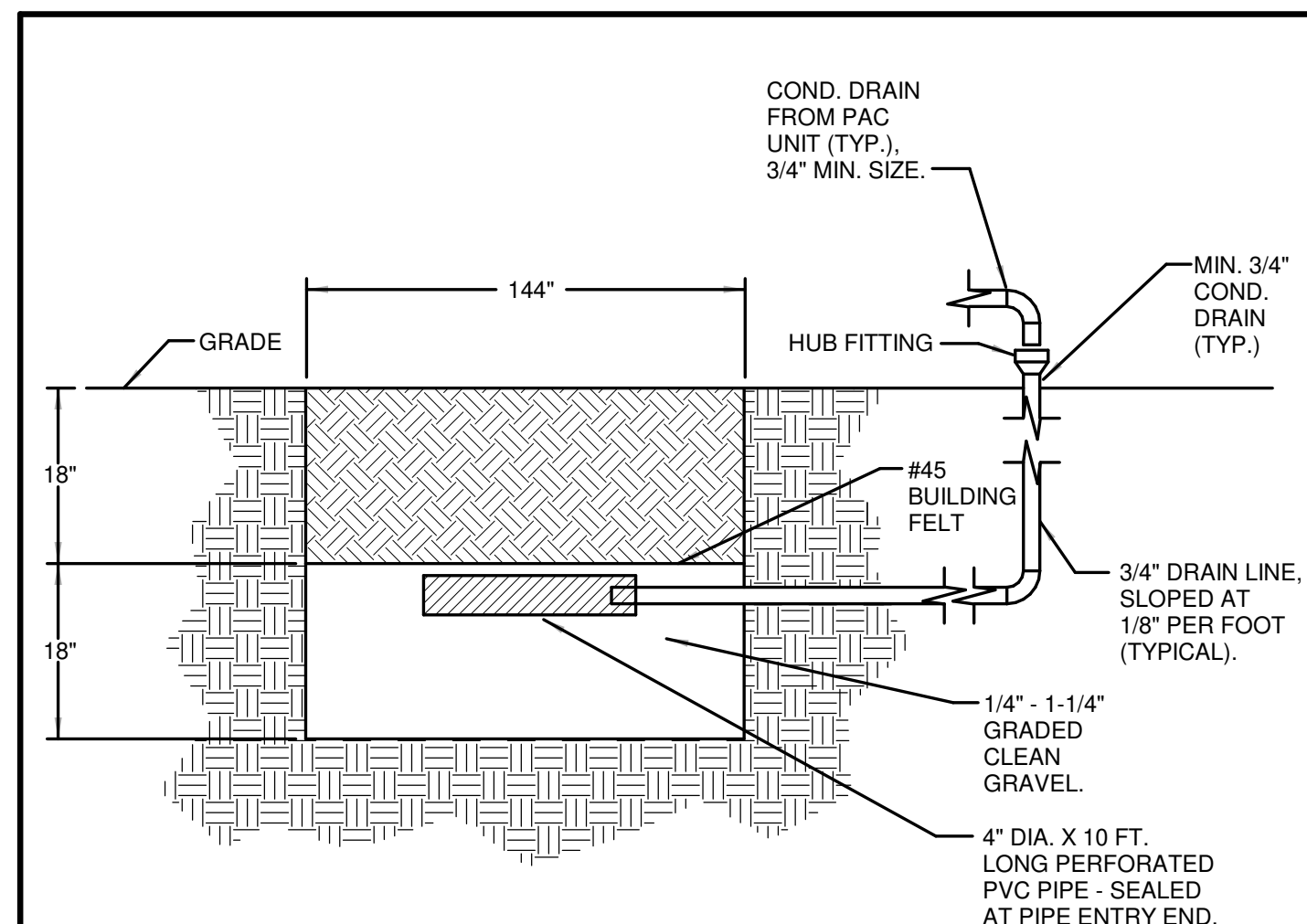
8 PACKAGED UNIT
CONTROL DETAIL
N.T.S.



9 CEILING MOUNTED EXHAUST
FAN W/ ROOF CAP
N.T.S.



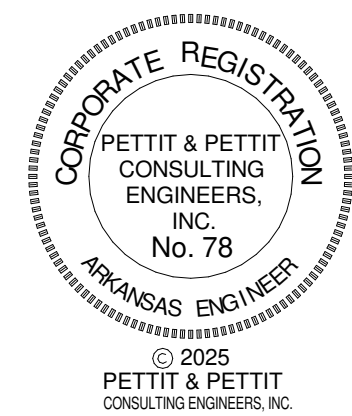
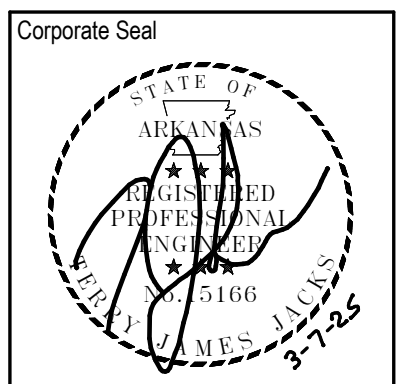
10 P.A.C. DRAIN PIPING
N.T.S.



11 FRENCH DRAIN DETAIL
N.T.S.

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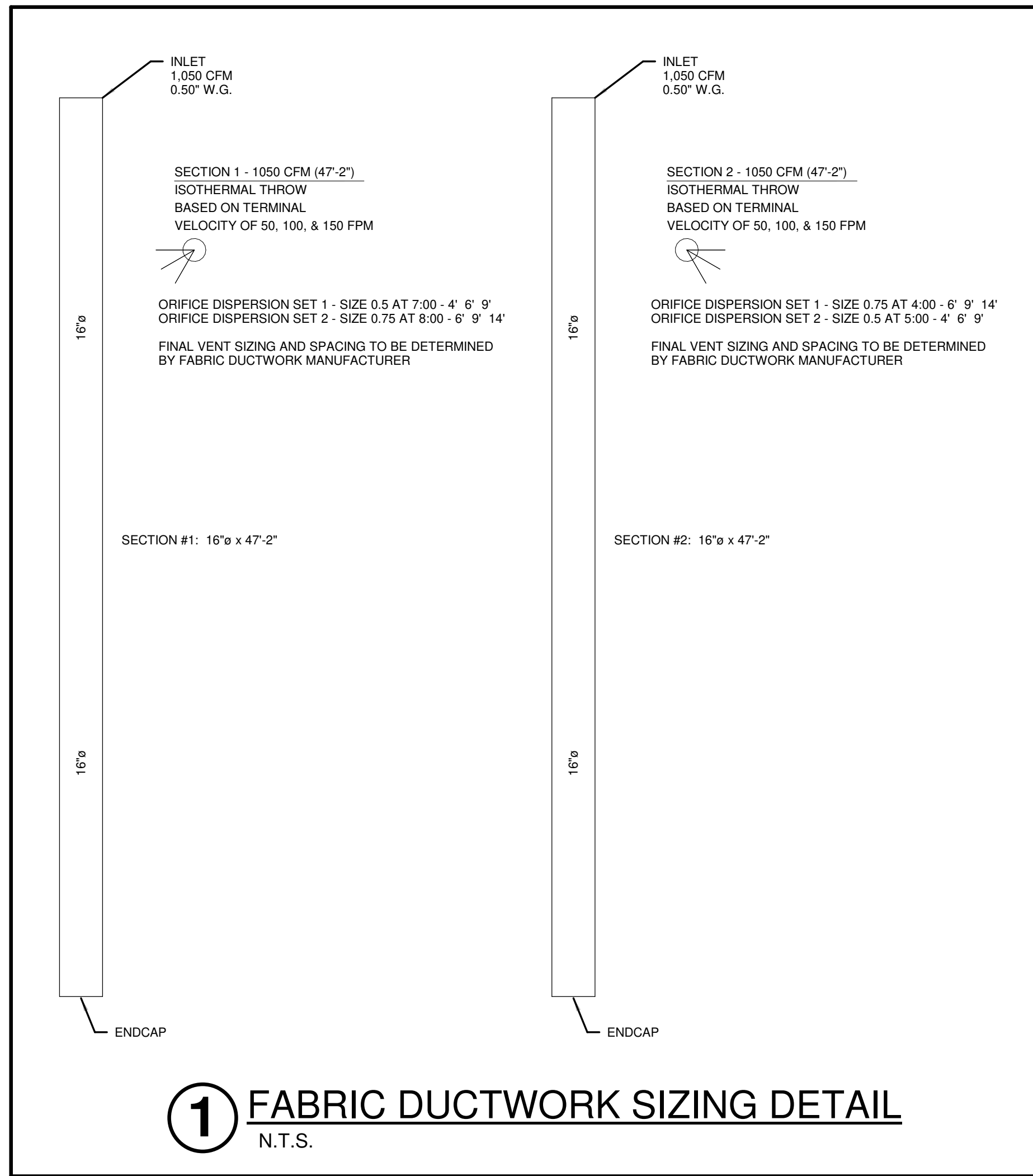
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Sheet Name: HVAC DETAILS
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Sheet No:

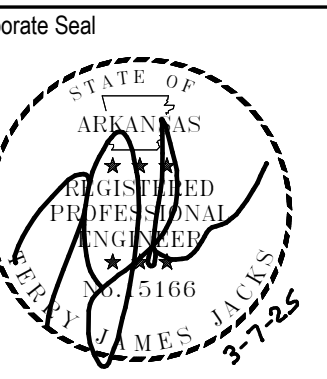
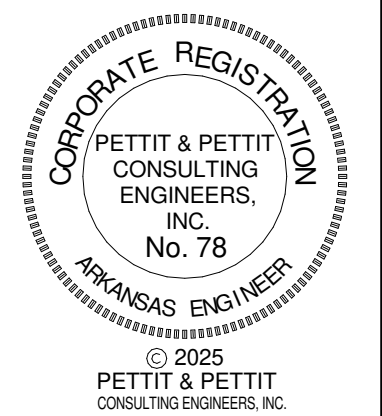
M201

Revisions:



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Sheet Name: HVAC DETAILS	
Project No: 2423	Date: 03/07/2025
Sheet No: M202	

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Revisions:

PACKAGED UNIT SCHEDULE																										
DESIG.	MFR/MDL	NOMINAL TONS	AREA SERVED	TYPE	WEIGHT	OSA DATA		FAN DATA			DX COIL			RE-HEAT COIL	HEATING				ELECTRICAL DATA				REMARKS			
						DAMPER TYPE	CFM	CFM	ESP/TSP	TYPE	EAT	LAT	TOTAL MBH	SENS MBH	OD AMB	TOTAL MBH	FUEL	STAGE MBH	OUTPUT MBH	EAT/LAT	BHP	HP		MCA	MOCP	VOLT/PH
PAC-1	TRANE / YHK036A3	3	OFFICE, CORRIDOR, TOILETS	MULTI-STAGE COOLING, NAT. GAS HEATING	800 LBS.	TWO-POSITION (100% OSA)	150	900	0.6"/"..."	BC PLENUM	79.3" d.b. 65.5" w.b.	50.7" d.b. 50.7" w.b.	34.7 (NET)	24.4 (NET)	95°	24.6	NATURAL GAS	80 (2ND) 2-STAGE	64.8	58.7"/124.1"	0.274	3/4	23	30	208 / 3ø	UNIT SHALL BE A HIGH EFFICIENCY UNIT FURNISHED WITH HORIZONTAL DUCTWORK CONNECTIONS, STAINLESS STEEL HEAT EXCHANGER, STAINLESS STEEL DRAIN PAN, FACTORY INSTALLED SINGLE ZONE VAV CAPABLE CONTROLS PACKAGE (WITH FUTURE BACNET CONNECTION CAPABILITY), COMPARATIVE ENTHALPY ECONOMIZER WITH 100% BAROMETRIC RELIEF (DUCT-MOUNTED RELIEF FIELD INSTALLED), LOW AMBIENT CONTROL OPERATION, MODULATING HOT GAS RE-HEAT, CONDENSATE OVERFLOW SWITCH, FACTORY INSTALLED DISCONNECT SWITCH, 2.5" MINIMUM HEIGHT BASE RAIL, TEN (10) YEAR HEAT EXCHANGER WARRANTY, AND FIVE (5) YEAR COMPRESSOR WARRANTY. PROVIDE UNIT WITH FACTORY REFRIGERANT MONITORING SYSTEMS MEETING UL 60335-2-40 / ASHRAE 15 STANDARDS AND LOCAL AHJ REQUIREMENTS. FACTORY CONTROLLER TO BE FACTORY PROGRAMMED WITH REFRIGERANT MONITORING AND MITIGATION SEQUENCE MEETING UL 60335-2-40 / ASHRAE 15 STANDARDS AND LOCAL AHJ REQUIREMENTS.
PAC-2	TRANE / YHK036A3	3	GYM 107	MULTI-STAGE COOLING, NAT. GAS HEATING	800 LBS.	TWO-POSITION (100% OSA)	250	1050	0.6"/"..."	BC PLENUM	80.5" d.b. 66.3" w.b.	53.4" d.b. 53.4" w.b.	36.5 (NET)	27.2 (NET)	95°	26.0	NATURAL GAS	80 (2ND) 2-STAGE	64.8	55.7"/112.0"	0.336	3/4	23	30	208 / 3ø	UNIT SHALL BE A HIGH EFFICIENCY UNIT FURNISHED WITH HORIZONTAL DUCTWORK CONNECTIONS, STAINLESS STEEL HEAT EXCHANGER, STAINLESS STEEL DRAIN PAN, FACTORY INSTALLED SINGLE ZONE VAV CAPABLE CONTROLS PACKAGE (WITH FUTURE BACNET CONNECTION CAPABILITY) TO BE USED FOR CO2 BASED DEMAND CONTROLLED VENTILATION, COMPARATIVE ENTHALPY ECONOMIZER WITH 100% BAROMETRIC RELIEF (DUCT-MOUNTED RELIEF FIELD INSTALLED), LOW AMBIENT CONTROL OPERATION, MODULATING HOT GAS RE-HEAT, CONDENSATE OVERFLOW SWITCH, FACTORY INSTALLED DISCONNECT SWITCH, 2.5" MINIMUM HEIGHT BASE RAIL, TEN (10) YEAR HEAT EXCHANGER WARRANTY, AND FIVE (5) YEAR COMPRESSOR WARRANTY. PROVIDE UNIT WITH FACTORY REFRIGERANT MONITORING SYSTEMS MEETING UL 60335-2-40 / ASHRAE 15 STANDARDS AND LOCAL AHJ REQUIREMENTS. FACTORY CONTROLLER TO BE FACTORY PROGRAMMED WITH REFRIGERANT MONITORING AND MITIGATION SEQUENCE MEETING UL 60335-2-40 / ASHRAE 15 STANDARDS AND LOCAL AHJ REQUIREMENTS.
PAC-3	TRANE / YHK036A3	3	GYM 107	MULTI-STAGE COOLING, NAT. GAS HEATING	800 LBS.	TWO-POSITION (100% OSA)	250	1050	0.6"/"..."	BC PLENUM	80.5" d.b. 66.3" w.b.	53.4" d.b. 53.4" w.b.	36.5 (NET)	27.2 (NET)	95°	26.0	NATURAL GAS	80 (2ND) 2-STAGE	64.8	55.7"/112.0"	0.336	3/4	23	30	208 / 3ø	UNIT SHALL BE A HIGH EFFICIENCY UNIT FURNISHED WITH HORIZONTAL DUCTWORK CONNECTIONS, STAINLESS STEEL HEAT EXCHANGER, STAINLESS STEEL DRAIN PAN, FACTORY INSTALLED SINGLE ZONE VAV CAPABLE CONTROLS PACKAGE (WITH FUTURE BACNET CONNECTION CAPABILITY) TO BE USED FOR CO2 BASED DEMAND CONTROLLED VENTILATION, COMPARATIVE ENTHALPY ECONOMIZER WITH 100% BAROMETRIC RELIEF (DUCT-MOUNTED RELIEF FIELD INSTALLED), LOW AMBIENT CONTROL OPERATION, MODULATING HOT GAS RE-HEAT, CONDENSATE OVERFLOW SWITCH, FACTORY INSTALLED DISCONNECT SWITCH, 2.5" MINIMUM HEIGHT BASE RAIL, TEN (10) YEAR HEAT EXCHANGER WARRANTY, AND FIVE (5) YEAR COMPRESSOR WARRANTY. PROVIDE UNIT WITH FACTORY REFRIGERANT MONITORING SYSTEMS MEETING UL 60335-2-40 / ASHRAE 15 STANDARDS AND LOCAL AHJ REQUIREMENTS. FACTORY CONTROLLER TO BE FACTORY PROGRAMMED WITH REFRIGERANT MONITORING AND MITIGATION SEQUENCE MEETING UL 60335-2-40 / ASHRAE 15 STANDARDS AND LOCAL AHJ REQUIREMENTS.

HVAC GENERAL NOTES

- DUE TO THE SMALL SCALE OF THIS DRAWING, IT IS NOT POSSIBLE TO INDICATE ALL OFFSETS, FITTINGS, AND ACCESSORIES WHICH MAY BE REQUIRED. THE CONTRACTOR SHALL INVESTIGATE THE STRUCTURAL AND FINISH CONDITIONS AFFECTING THE WORK AND SHALL COORDINATE AND ARRANGE HIS WORK ACCORDINGLY.
- ROUND BRANCH DUCT RUNOUTS SHALL BE SAME SIZE AS DIFFUSER THROAT UNLESS OTHERWISE NOTED.
- FLEXIBLE DUCT MAY BE USED FOR FINAL CONNECTIONS TO DIFFUSERS. A MAXIMUM LENGTH OF THREE FEET (3') SHALL BE USED.
- ALL CEILING-MOUNTED SUPPLY DIFFUSERS SHALL HAVE FOUR-WAY (4-WAY) PATTERN UNLESS OTHERWISE INDICATED.
- WHERE MANUAL DAMPERS ARE INSTALLED IN EXTERNALLY INSULATED DUCTWORK, PROVIDE STAND-OFF BRACKET TO PREVENT COMPRESSION OF INSULATION BY DAMPER OPERATOR HANDLE.
- PROVIDE TURNING VANES IN ALL 90-DEGREE ELBOWS.
- PROVIDE SLEEVES THROUGH WALLS AND FLOORS. SEAL EXCESS OPENING WITH WATER-PROOF SEALANT. COORDINATE LOCATIONS AND SIZES OF SLEEVES WITH GENERAL CONTRACTOR. SLEEVES SHALL PROVIDE A MAXIMUM OF 1" CLEARANCE BETWEEN DUCT OR PIPE AND SLEEVE. SEAL PENETRATION IN FIRE/SMOKE RATED WALLS AND FLOOR WITH AN APPROVED FIRE/SMOKE BLOCK SEALANT.
- EXTERNALLY INSULATE SUPPLY, RETURN, RELIEF, AND OUTSIDE AIR DUCTWORK UNLESS NOTED OTHERWISE. INTERNALLY LINED DUCT IS SHOWN CROSSHATCHED ON THE FLOOR PLAN.
- EXHAUST DUCTWORK SHALL BE UN-INSULATED, UNLESS NOTED OTHERWISE.
- EXTERNALLY INSULATE LOW-VELOCITY ROUND RUNOUT DUCTWORK.
- INSULATE THE TOP OF ALL SUPPLY AIR DIFFUSERS WITH A MINIMUM OF 1/2" THICK FIBERGLASS DUCT WRAP.
- MOUNT THERMOSTATS AT 48" A.F.F. OR MATCH LIGHT SWITCH HEIGHT.
- ARRANGE PIPING TO ALLOW FOR PROPER SERVICE & ACCESS TO EQUIPMENT. INSTALL UNIONS AND ISOLATION VALVES TO ALLOW FOR REMOVAL OF EQUIPMENT WITHOUT DISTURBING MAINS.
- REFER TO REFLECTED CEILING PLAN FOR EXACT DIFFUSER LOCATIONS.
- REFER TO ARCHITECTURAL PLANS FOR LOCATIONS OF FIRE AND SMOKE RATED PARTITIONS.
- COORDINATE LOCATION OF DUCTS AND DIFFUSERS WITH STRUCTURAL FRAMING MEMBERS. OFFSET DUCTS AS REQUIRED TO CLEAR STRUCTURAL MEMBERS.
- COORDINATE LOCATIONS AND ELEVATION OF DUCT RUNS WITH PLUMBING, SPRINKLER, AND ELECTRICAL CONTRACTORS.
- COORDINATE MAKE-UP WATER AND GAS REQUIREMENTS WITH PLUMBING CONTRACTOR.
- PROVIDE ACCESS DOORS IN DUCTS FOR ALL FIRE DAMPERS. PROVIDE ACCESS DOORS FOR DAMPERS ABOVE GYP. BD. CEILINGS.
- DUCT DIMENSIONS ARE REQUIRED FREE AREA AND DO NOT ACCOUNT FOR INTERNAL INSULATION THICKNESS. INCREASE DUCT SIZES WHERE INTERNAL INSULATION IS SHOWN TO ACHIEVE THE REQUIRED FREE AREA.

LEGEND

	CEILING DIFFUSER		AIR VENT (AUTO/HAND)
	RETURN AIR GRILLE (RA)		BUTTERFLY VALVE
	EXHAUST REGISTER (ER)		AUTOMATIC CONTROL VALVE (3-WAY)
	AUTOMATIC CONTROL VALVE		AUTOMATIC CONTROL VALVE
	CHECK VALVE		CHECK VALVE
	624 CD-1 100 CFM FLEXIBLE DUCT CONNECTOR		FLEXIBLE CONNECTOR (BRAIDED)
	GATE VALVE		GATE VALVE
	GLOBE VALVE (STRAIGHT)		GLOBE VALVE (STRAIGHT)
	PLUG VALVE		PLUG VALVE
	PRESSURE GAUGE (W/COCK)		PRESSURE GAUGE
	PRESSURE GAUGE		PRESSURE RELIEF VALVE
	PRESSURE AND TEMPERATURE TAP		TEMPERATURE TAP
	REDUCER (CONCENTRIC)		REDUCER (CONCENTRIC)
	REDUCER (ECCENTRIC)		REDUCER (ECCENTRIC)
	STRAINER (WITH BLOW DOWN VALVE)		STRAINER (WITH BLOW DOWN VALVE)
	THERMOMETER		THERMOMETER
	TO FLOOR DRAIN		TO FLOOR DRAIN
	UNION (FLANGED, SCREWED)		UNION (FLANGED, SCREWED)
	RS/RL - REFRIGERANT PIPING		REFRIGERANT PIPING
	DRAIN		DRAIN
	DETAIL		TOP NUMBER REFERS TO THE DETAIL NUMBER. BOTTOM NUMBER REFERS TO THE SHEET WHERE DETAIL IS SHOWN
	SECTION		SECTION
	DUCT SMOKE DETECTOR		DUCT SMOKE DETECTOR
	LOW VOLTAGE CONTROLS POWER TRANSFORMER		LOW VOLTAGE CONTROLS POWER TRANSFORMER
	REFRIGERANT MONITOR		REFRIGERANT MONITOR

EXHAUST FAN SCHEDULE

DESIG.	MFR/MDL	SERVES	LOCAT.	TYPE	FAN DATA						MOTOR DATA				REMARKS	
					CFM	S.P.	RPM	DRIVE	TYPE	DIA.	SONES	RPM	BHP	HP		VOLT/PH
EF-1	GREENHECK / SP-890	SEE PLANS	CEILING	CEILING MOUNTED	50	0.38"	674	DIRECT	CENT.	7.94"	2.0	674	---	18 (W)	120 / 1Ø	PROVIDE ALUMINUM ARCHITECTURAL GRILLE, SPEED CONTROLLER, ISOLATOR KIT, BACKDRAFT DAMPER, AND ROUND WALL CAP ACCESSORY. MOTOR RATED FOR CONTINUOUS OPERATION, INTERLOCK FAN WITH SEPARATE WALL SWITCH.
EF-2	GREENHECK / SP-A200	SEE PLANS	CEILING	CEILING MOUNTED	150	0.38"	801	DIRECT	CENT.	6.75"	2.0	801	---	36 (W)	120 / 1Ø	PROVIDE ALUMINUM ARCHITECTURAL GRILLE, SPEED CONTROLLER, ISOLATOR KIT, BACKDRAFT DAMPER, AND ROUND WALL CAP ACCESSORY. MOTOR RATED FOR CONTINUOUS OPERATION, INTERLOCK FAN WITH ASSOCIATED ROOM LIGHTS.
EF-3	GREENHECK / SP-A200	SEE PLANS	CEILING	CEILING MOUNTED	150	0.38"	801	DIRECT	CENT.	6.75"	2.0	801	---	36 (W)	120 / 1Ø	PROVIDE ALUMINUM ARCHITECTURAL GRILLE, SPEED CONTROLLER, ISOLATOR KIT, BACKDRAFT DAMPER, AND ROUND WALL CAP ACCESSORY. MOTOR RATED FOR CONTINUOUS OPERATION, INTERLOCK FAN WITH ASSOCIATED ROOM LIGHTS.

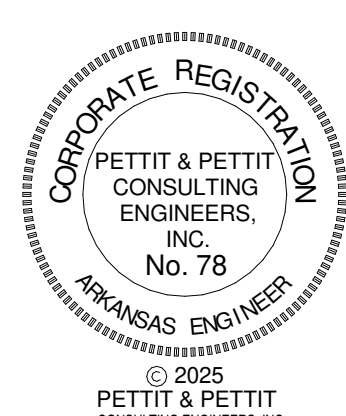
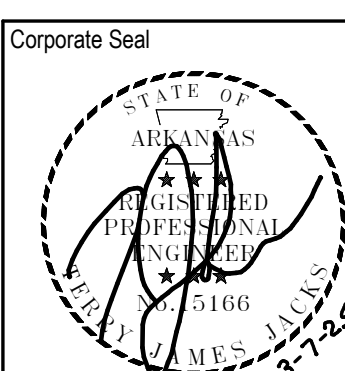
* ALUMINUM ARCHITECTURAL GRILLE FINISH COLOR TO BE AS SELECTED BY ARCHITECT.

AIR DEVICE SCHEDULE

DESIG.	MFR./MDL.	TYPE	FACE SIZE	FINISH	FREE AREA	ACCESS.	REMARKS
CD-1	TITUS OMNI	PLAQUE FACE CEILING SUPPLY	AS NOTED	FINISH PER ARCHITECT	---	OPPOSED BLADE DAMPER	SQUARE PLAQUE PANEL FACE, ROUND NECK. PROVIDE MANUFACTURER'S MOUNTING FRAME FOR GYPSUM LOCATIONS.
CR-1	TITUS PAR	PERF. FACE CEILING RETURN	AS NOTED	FINISH PER ARCHITECT	---	OPPOSED BLADE DAMPER	SQUARE PANEL FACE, PERFORATED SCREEN 3/16" DIAMETER HOLES ON 1/4" STAGGERED CENTERS, ROUND NECK. PROVIDE MANUFACTURER'S MOUNTING FRAME FOR GYPSUM LOCATIONS.
SR-1	TITUS 33RL	SIDEWALL RETURN / TRANSFER	AS NOTED	FINISH PER ARCHITECT	---	OPPOSED BLADE DAMPER	1/2" SPACED BLADES, 38 DEG. DOWN DEFLECTION, FRONT BLADES PARALLEL TO THE LONG DIMENSION.

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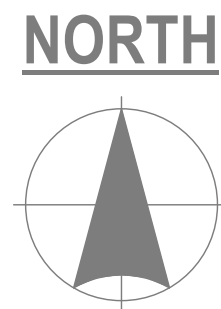
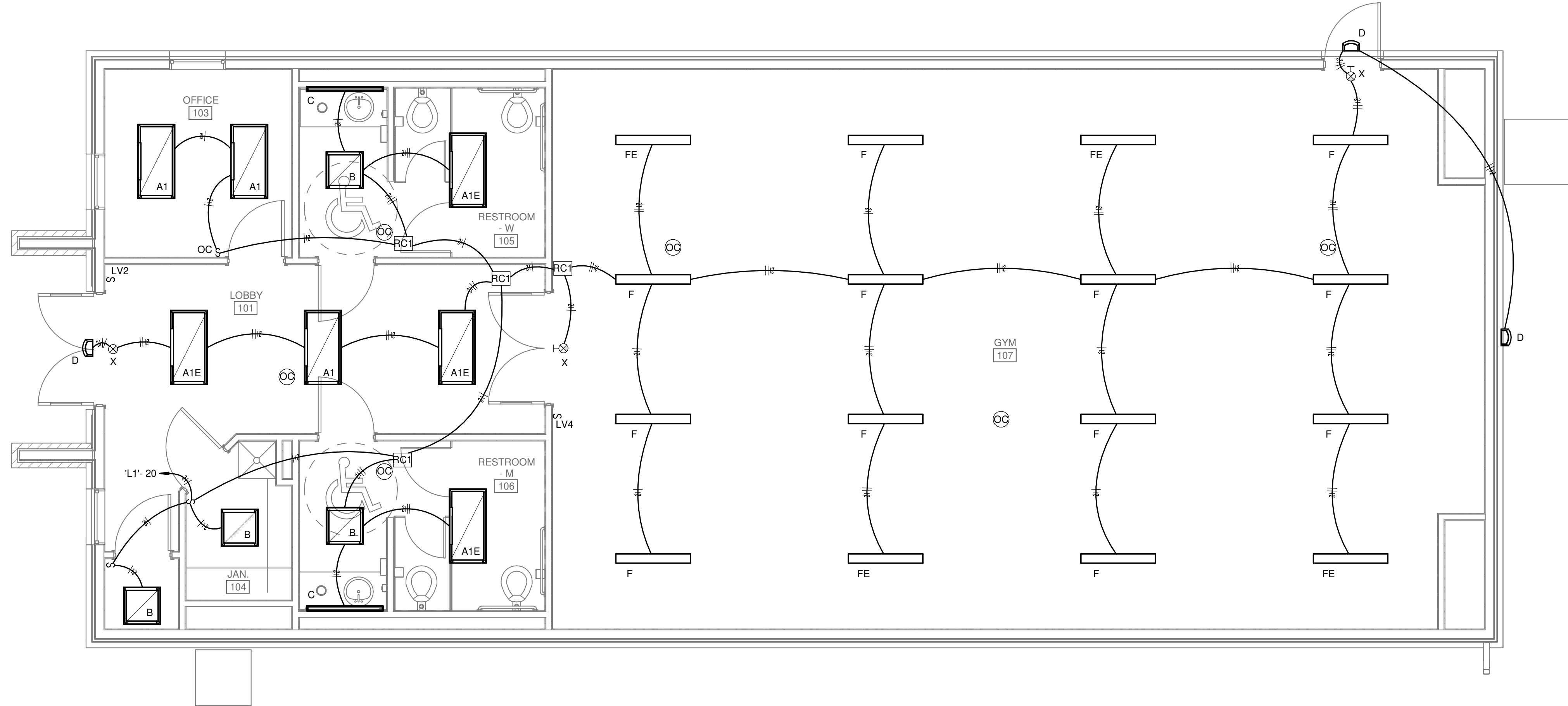
Sheet Name: HVAC SCHEDULES AND LEGENDS
 Project No: 2423 Date: 03/07/2025
 Sheet No: M301

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Revisions:

LIGHT FIXTURE SCHEDULE				
TYPE MARK	MANUFACTURER	MODEL	ELECTRICAL DATA	DESCRIPTION
A1	LITHONIA	CPANL 2X4 AL06 SWW7 M2 DCMK224	120 V/1-55 VA	2X4 FLAT PANEL
A1E	LITHONIA	CPANL 2X4 AL06 SWW7 M2 IBLPCP10HESDA DCMK224	120 V/1-55 VA	2X4 FLAT PANEL WITH EMERGENCY
B	LITHONIA	CPANL 2X2 AL01 SWW7 M4 DCMK224	120 V/1-37 VA	2X2 FLAT PANEL
C	LITHONIA	FMVCSLS 48IN MVOLT 30K35K40K 90CRI BN M4	120 V/1-36 VA	4" VANITY LIGHT
D	LITHONIA	ARC2 LED P3 40K MVOLT E8WC PE XXXXX	120 V/1-0 VA	WALL PACK WITH EMERGENCY
F	LITHONIA	CLX-L48-7000LM-SEF-RDL-MVOLT-GZ1-35K-80CRI-WGCLX48	120 V/1-46 VA	4" STRIP LIGHT WITH WIRE GUARD
FE	LITHONIA	CLX-L48-7000LM-SEF-RDL-MVOLT-GZ1-35K-80CRI-E10W-WGCLX48	120 V/1-46 VA	4" STRIP LIGHT WITH WIRE GUARD AND EM BATTERY
X	LITHONIA	EXR LED EL M6	120 V/1-1 VA	LED EXIT W/ BATTERY BACKUP

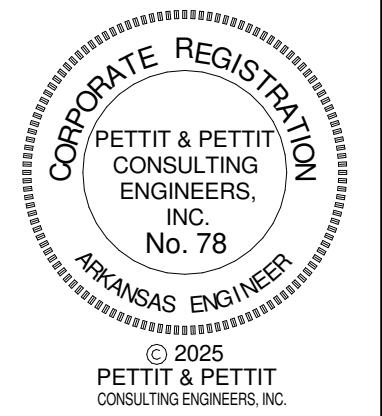
SYMBOL LEGEND	
	DUPLEX RECEPTACLE AT 18" A.F.F. GFI - GROUND FAULT CIRCUIT INTERRUPTER AC - MOUNTED ABOVE COUNTER BC - MOUNTED BELOW COUNTER WP - PROVIDED WITH WEATHERPROOF IN-USE TYPE COVER
	QUADRUPLEX RECEPTACLE
	SPECIAL PURPOSE RECEPTACLE NEMA CONFIGURATION SHOWN ON PLAN
	DATA OUTLET - BOX AND 1" CONDUIT ONLY
	WIRELESS ACCESS POINT - NUMBER OF JACKS SHOWN ON PLANS
	JUNCTION BOX
	SINGLE POLE TOGGLE SWITCH AT 48" A.F.F. TYPICAL 2 - INDICATES 2-POLE TOGGLE 3 - INDICATES 3-WAY TOGGLE 4 - INDICATES 4-WAY TOGGLE D - DIMMER K - KEY OPERATED LV* - LOW VOLTAGE PUSH BUTTON SWITCH, * = NUMBER OF BUTTONS M - MOTOR RATED TOGGLE OC - DUAL TECHNOLOGY OCCUPANCY SENSOR SWITCH WP - WEATHERPROOF COVER
	BRANCH CIRCUIT HOMERUN HOT-NETURAL-GROUND PANEL AND CIRCUIT NUMBER INDICATED ON PLAN
	PANELBOARD
	DISCONNECT SWITCH
	DRY-TYPE TRANSFORMER
	HEAT DETECTOR
	SMOKE DETECTOR
	MANUAL PULL STATION
	FIRE ALARM AUDIO/VISUAL APPLIANCE CANDELA RATING AS SHOWN ON PLANS
	DUAL TECHNOLOGY OCCUPANCY SENSOR CEILING/WALL MOUNTED EQUAL TO *****
	LIGHTING ROOM CONTROLLER SINGLE RECEPT EQUAL TO *****



1 FLOOR PLAN - LIGHTING
SCALE: 1/4" = 1'-0"

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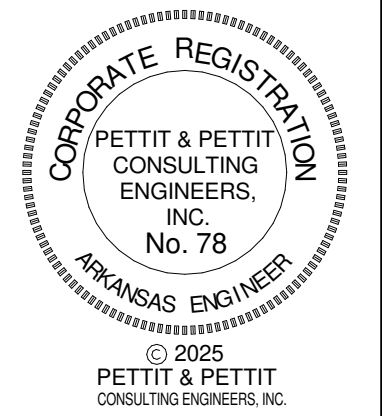
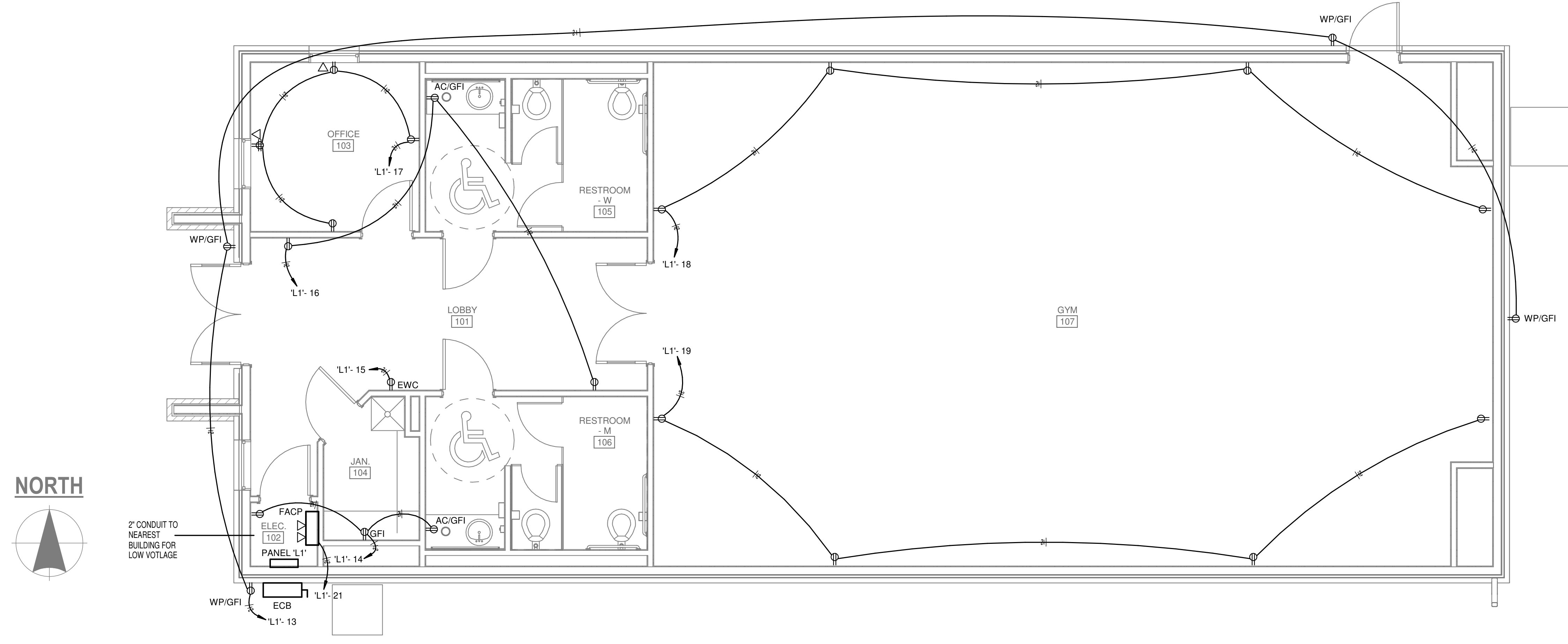
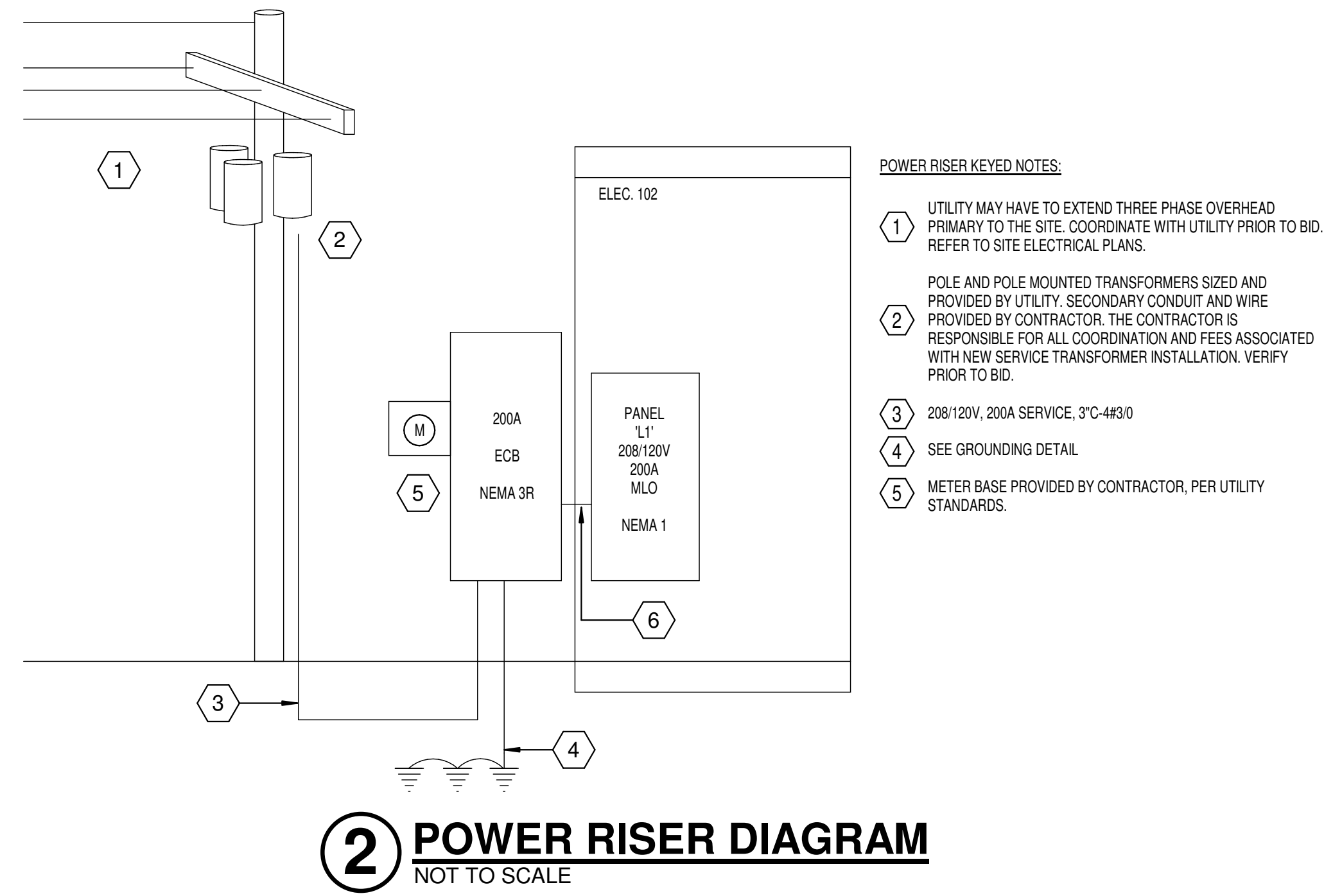


Sheet Name:
FLOOR PLAN - LIGHTING
 Project No: 2423 Date: 03/07/2025
 Sheet No:

E101

Revisions:

Panelboard:		L1'		VOLTAGE: 120/208 Wye		COPPER BUS RATING: 200 A		MAINS TYPE: MLO	
LOCATION:		ELEC. 102		PHASE: 3		GROUND BUS:		MCB RATING:	
MOUNTING:		SURFACE		WIRES: 4		MINIMUM A.I.C. RATING:		FED FROM:	
ENCLOSURE:		TYPE 1		MFR. AND TYPE:		SQUARE D NO		SUBFEED LUGS:	
NEUTRAL RATING:									
Circuit Number	Load Name	BRKR	A	B	C	BRKR	Load Name	Circuit Number	
1			2767	2767				2	
3	PAC - 1	30/3		2767	2767	30/3	PAC - 3	4	
5					2767	2767		6	
7			2767	2000				8	
9	PAC - 2	30/3		2767	2000	40/3	EWB - 1	10	
11					2767	2000		12	
13	RECEPT. OUTDOORS	20/1	720	540		20/1	RECEPT.	14	
15	* EWC *	20/1		180	540	20/1	RECEPT.	16	
17	RECEPT. OFFICE	20/1			900	720	RECEPT. GYM	18	
19	RECEPT. GYM	20/1	720	1434		20/1	LIGHTING	20	
21	FIRE ALARM CONTROL PANEL	20/1		500	0	20/1	SPARE	22	
23	SPARE	20/1			0	0	SPARE	24	
25	SPARE	20/1	0	0		20/1	SPARE	26	
27	SPARE	20/1		0	0	20/1	SPARE	28	
29	SPARE	20/1			0	0	SPARE	30	
31	SPARE	20/1	0	0		20/1	SPARE	32	
33	SPARE	20/1		0	0	20/1	SPARE	34	
35	SPARE	20/1			0	0	SPARE	36	
Total Load:			13714 VA	11520 VA	11920 VA				
Total Amps:			115 A	96 A	100 A				
Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals					
Lighting	1434 VA	125.00%	1793 VA	Total Connected Load:	36654 VA				
Receptacles	4320 VA	100.00%	4320 VA	Total Estimated Demand:	37013 VA				
HVAC	24900 VA	100.00%	24900 VA	Total Connected Current:	102 A				
Power	6000 VA	100.00%	6000 VA	Total Est. Demand Current:	103 A				
Other	0 VA	0.00%	0 VA						
Motor	0 VA	0.00%	0 VA						
Heating	0 VA	0.00%	0 VA						
Existing Load	0 VA	0.00%	0 VA						
Notes: * BREAKER * - DENOTES GFI BREAKER									



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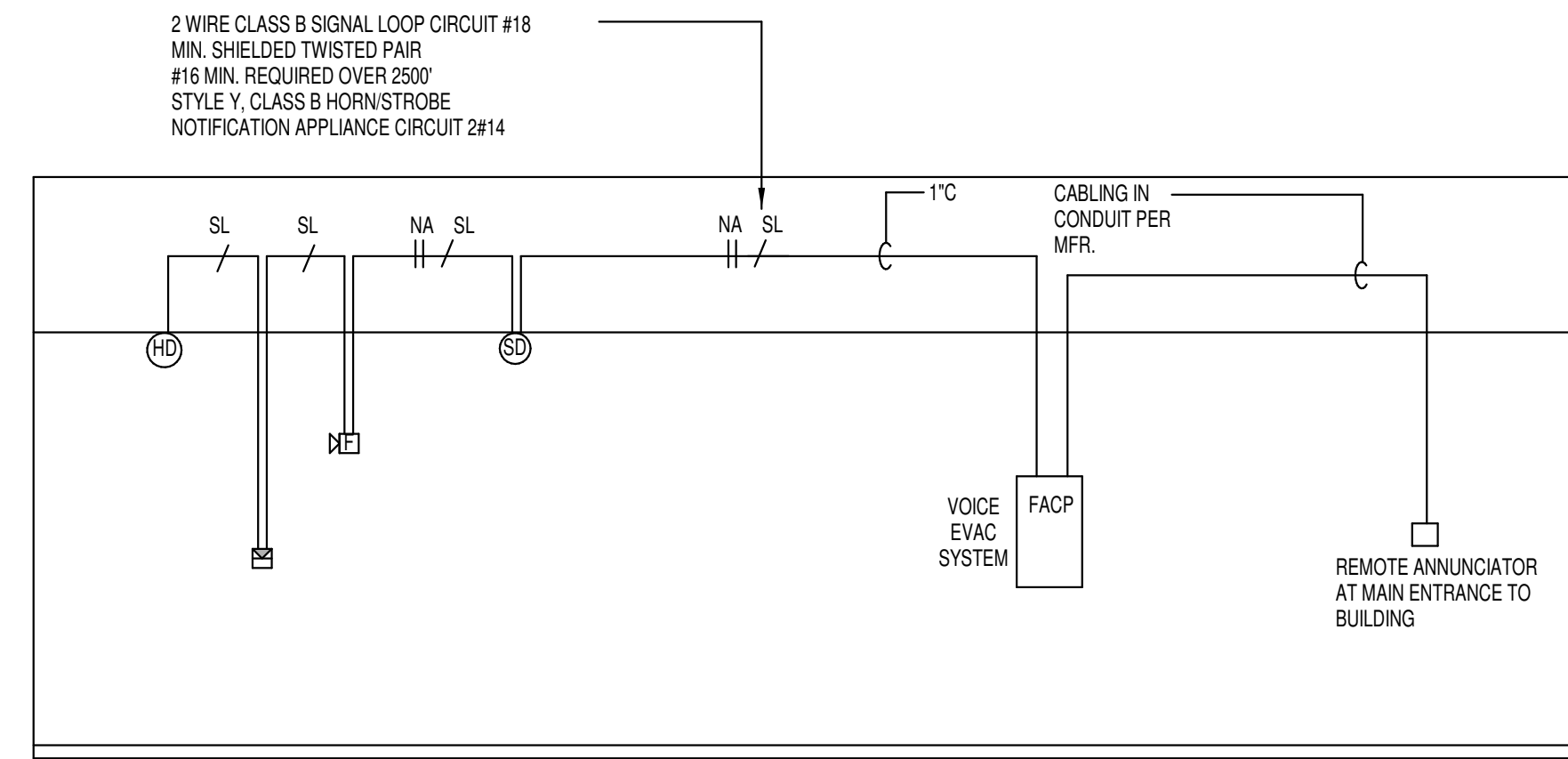


Sheet Name:
FLOOR PLAN - POWER

Project No: 2423 Date: 03/07/2025

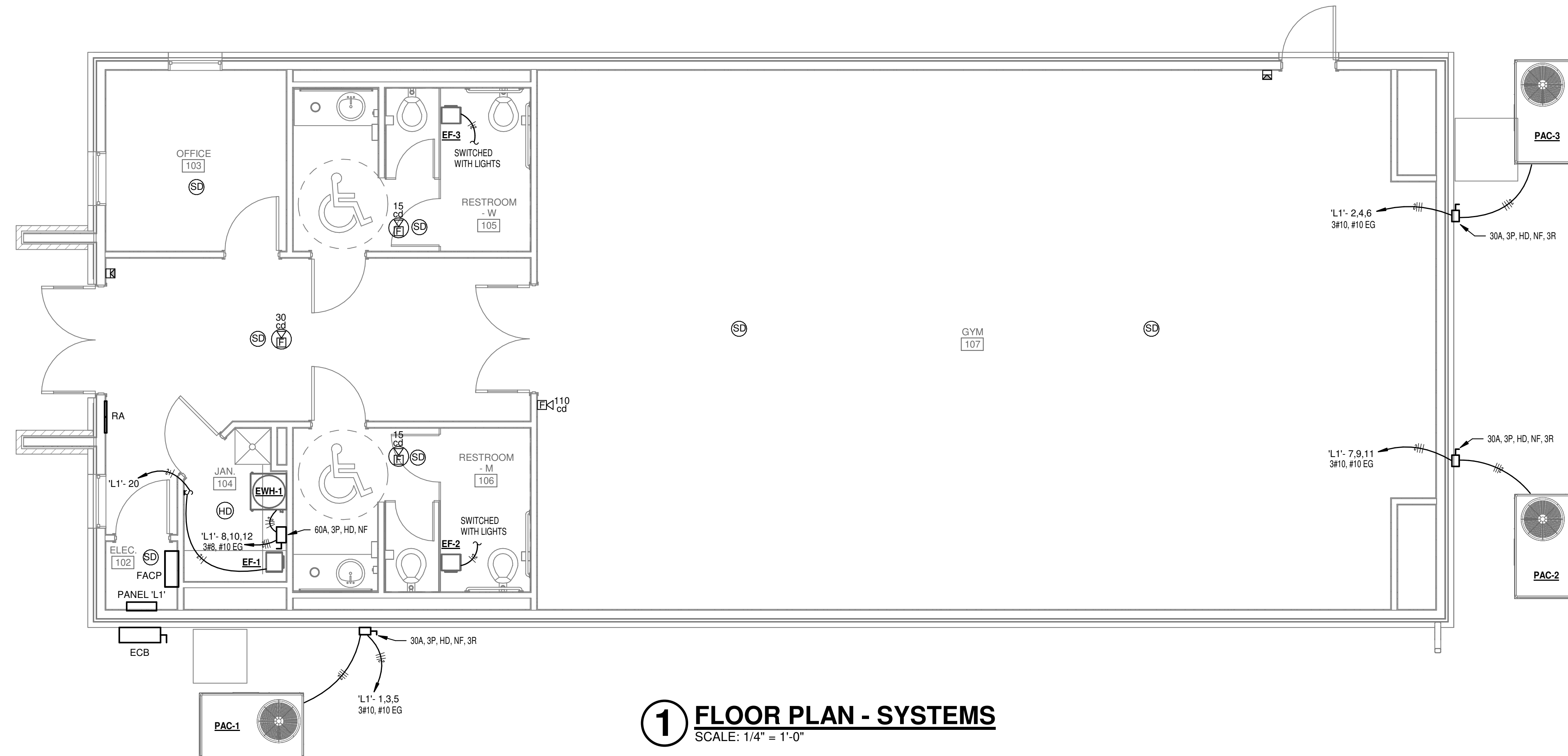
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Revisions:

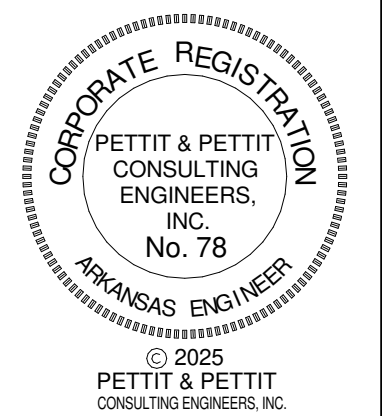


- FIRE ALARM SYSTEM NOTES:**
1. ALL WIRING IN CONDUIT. SEE FLOOR PLANS FOR TOTAL NUMBER OF DEVICES REQUIRED. VERIFY EXACT WIRING REQUIREMENTS AND NOTIFICATION POWER SUPPLY PANELS WITH FIRE ALARM SYSTEM INSTALLER. ALL NOTIFICATION POWER SUPPLIES SHALL BE CONNECTED TO DEDICATED 208V/120V BRANCH CIRCUITS FROM POWER PANELS. FIRE ALARM SYSTEM CONTRACTOR SHALL INCLUDE COSTS FOR BRANCH CIRCUITS REQUIRED FOR NOTIFICATION POWER SUPPLY PANELS IN BID. PANELS SHALL BE INSTALLED IN AVAILABLE SPACE IN ELECTRICAL ROOMS ONLY. EXACT LOCATIONS DETERMINED BY ARCHITECT. PROVIDE 120V SHUNT TRIP CONTROL FOR ELEVATOR LIGHTS AND CONTROLS IF REQUIRED BY LOCAL ELEVATOR INSPECTOR/AHJ.
 2. FIRE ALARM SYSTEM TO BE INSTALLED PER APPROVED SHOP DRAWINGS FURNISHED BY THE FIRE ALARM VENDOR. CONTRACTOR TO PROVIDE A COMPLETE SCHEDULE OF DEVICE ADDRESSES WITH SHOP DRAWINGS FOR REVIEW AND APPROVAL.
 3. CONTRACTOR TO PROVIDE COMPLETE SCHEDULE FOR EACH DEVICE ADDRESS WITH SHOP DRAWINGS FOR REVIEW AND APPROVAL. SEE FLOOR PLANS FOR TOTAL NUMBER OF DEVICES REQUIRED. ALL CABLING INSTALLED IN CONDUIT. VERIFY EXACT WIRING REQUIREMENTS WITH EQUIPMENT SUPPLIER.
 4. PROVIDE AND INSTALL A GSM DIALER FOR FIRE ALARM COMMUNICATIONS. CONTRACTOR SHALL INCLUDE 1 YEAR OF CELLULAR AND MONITORING SERVICE IN THE CONTRACT.
 5. CONTRACTOR TO PROVIDE COMPLETE SCHEDULE FOR EACH DEVICE ADDRESS WITH SHOP DRAWINGS FOR REVIEW AND APPROVAL. SEE FLOOR PLANS FOR TOTAL NUMBER OF DEVICES REQUIRED. ALL CABLING INSTALLED IN CONDUIT. VERIFY EXACT WIRING REQUIREMENTS WITH EQUIPMENT SUPPLIER.
 6. FIRE PROTECTION RISER IS FOR REFERENCE ONLY. VERIFY ALL FLOW/TAMPER SWITCH LOCATIONS AND QUANTITIES

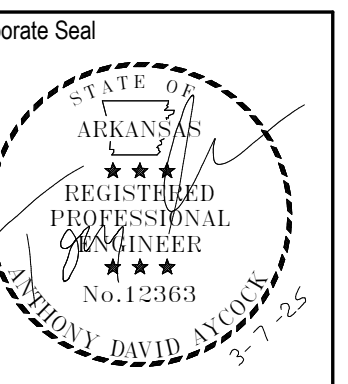
2 FIRE ALARM SYSTEM RISER DIAGRAM
NOT TO SCALE



1 FLOOR PLAN - SYSTEMS
SCALE: 1/4" = 1'-0"

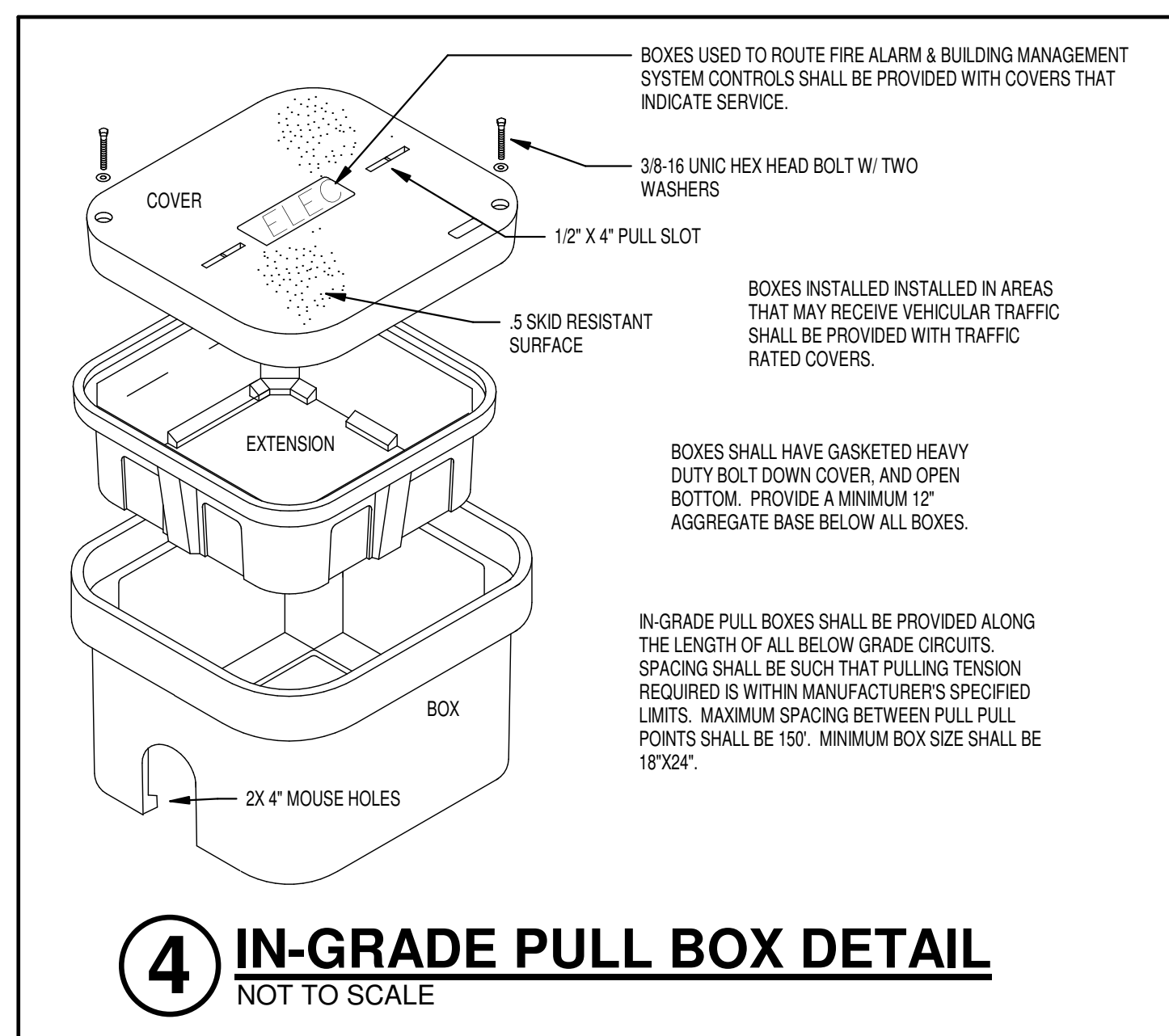
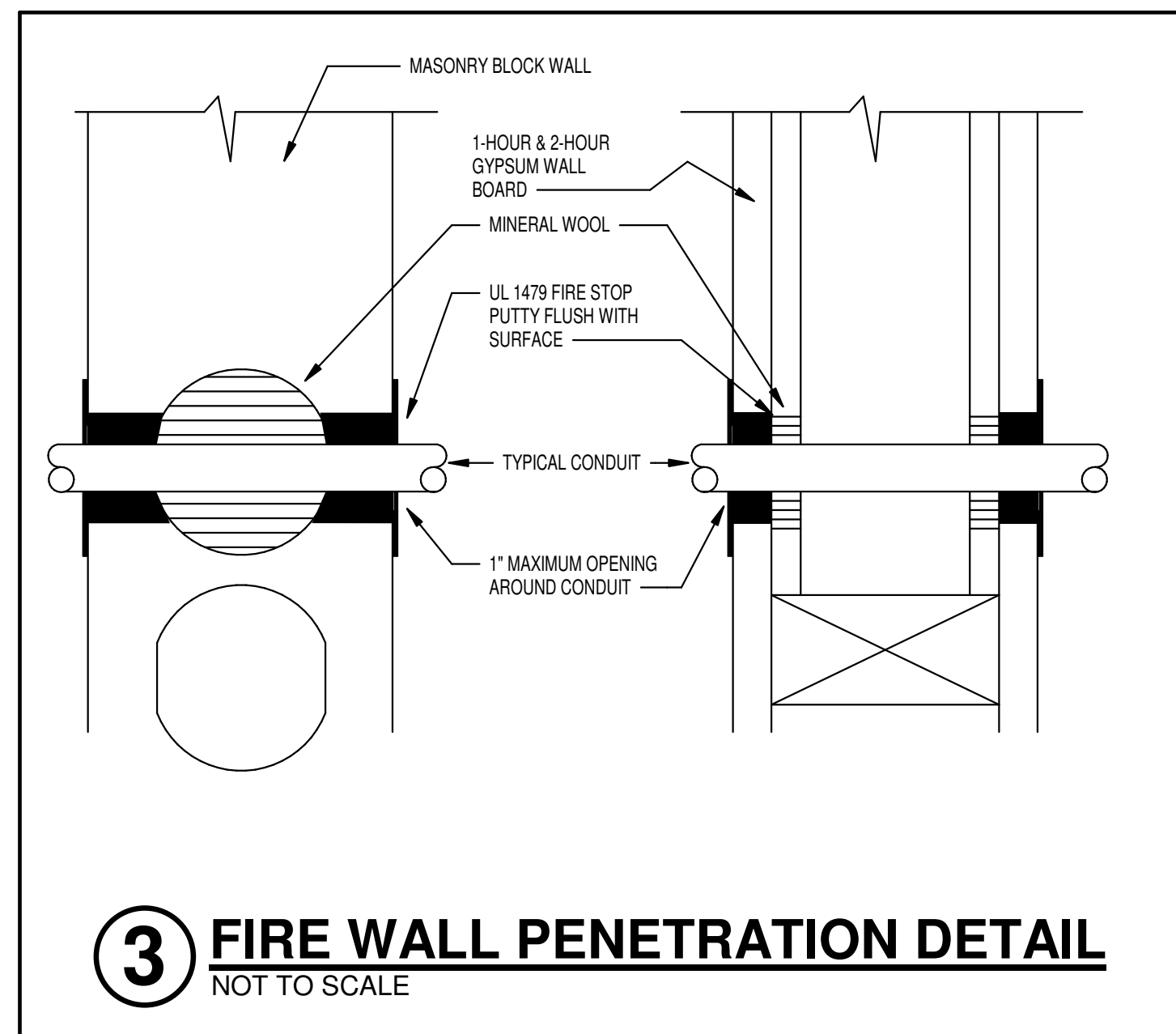
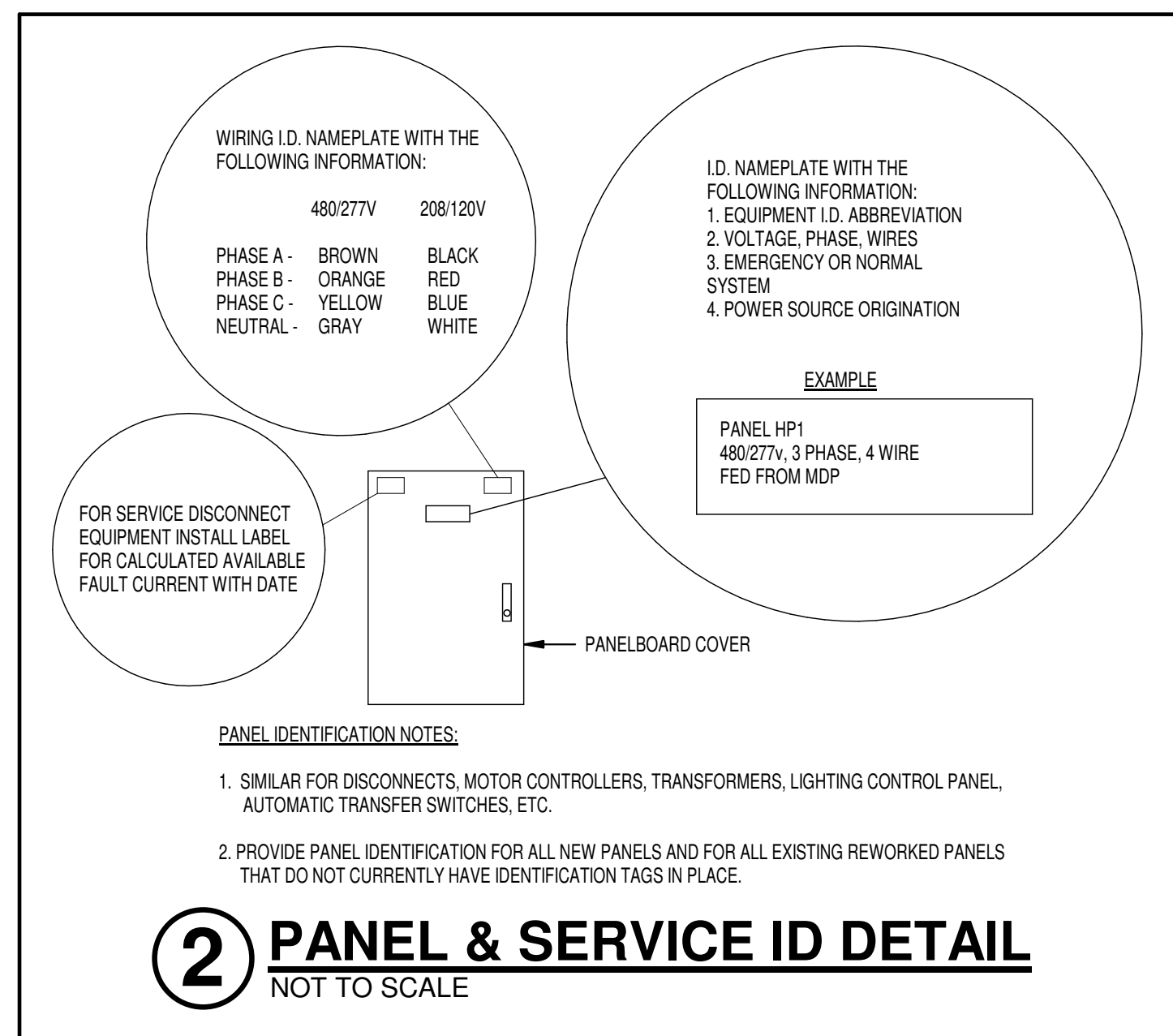
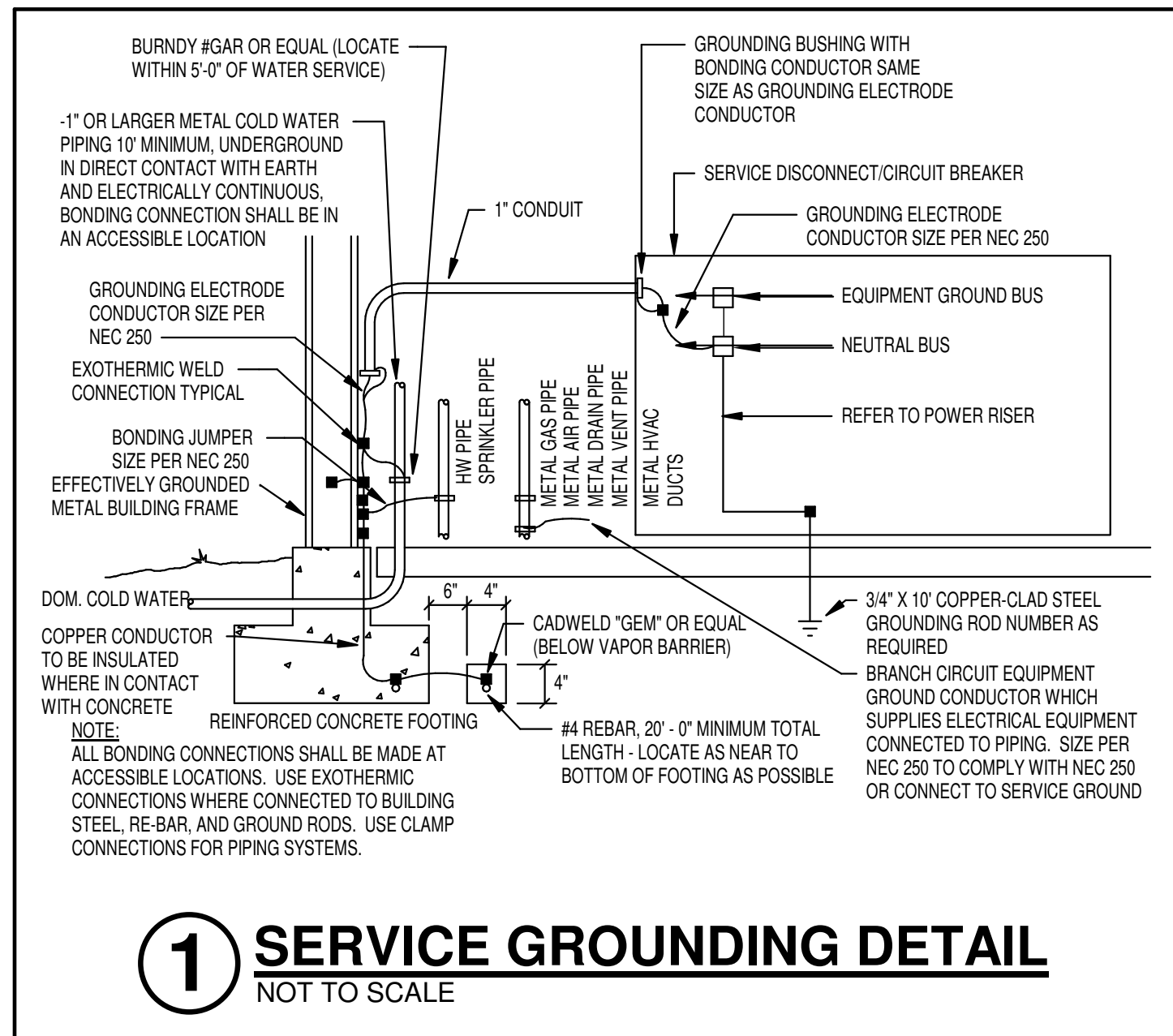


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Sheet Name: FLOOR PLAN - SYSTEMS	
Project No: 2423	Date: 03/07/2025
Sheet No: E103	

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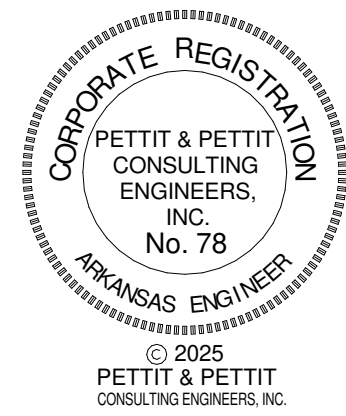
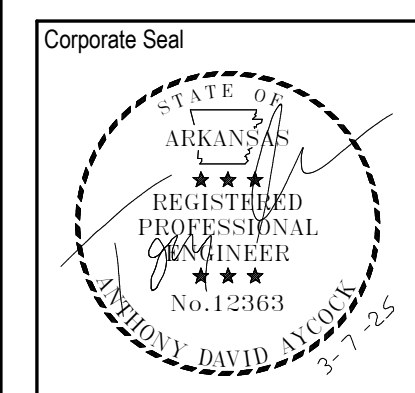


- ### GENERAL NOTES
- ALL WORK SHALL COMPLY WITH THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE.
 - CIRCUITS OF DIFFERENT PHASES MAY SHARE EQUIPMENT GROUND. EQUIPMENT GROUND CONDUCTOR SIZE SHALL NOT BE LESS THAN #12 AWG OR AS INDICATED ON THE DRAWINGS.
 - ALL CONDUCTORS #10 AND SMALLER SHALL BE SOLID 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 INDEPENDANTLY 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.

Revisions:

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Sheet Name:
ELECTRICAL LEGENDS & DETAILS

Project No: 2423 Date: 03/07/2025

Sheet No:
E201