

# ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1 FIRE STATION #10

2745 LAKESHORE VISTA BLVD  
SLIDELL, LA 70461



**JAY GROSS**  
CHIEF OF OPERATIONS

**ADMINISTRATION**  
**CHRIS KAUFMANN**  
FIRE CHIEF

**CHAD DUFFAUT**  
CHIEF OF ADMINISTRATION

**BOARD OF COMMISSIONERS**  
CHAIRMAN **TROY BRACKETT**  
COMMISSIONER **MIKE RICH**  
CITY OF SLIDELL  
COMMISSIONER **JEFF McDOWELL**  
CITY OF SLIDELL  
COMMISSIONER **TRACEY POWELL**  
ST. TAMMANY PARISH  
COMMISSIONER **KEVIN DAVIS**  
ST. TAMMANY PARISH

**DAMMON**  
ENGINEERING, INC.  
LOUISIANA & MISSISSIPPI  
Chief Engineer: Brian Mistich, PE  
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#	DESCRIPTION	REVISIONS	DATE



NEW FIRE STATION #10  
ST. TAMMANY FIRE PROTECTION  
DISTRICT NO. 1  
2745 LAKESHORE VISTA BLVD  
SLIDELL, LA 70461  
JOB No: 2519 | DATE: 12-05-2025  
DRAWN BY: CKD | CHECKED BY: JMS

SHEET TITLE:  
COVER SHEET

DRAWING NUMBER:  
**6001**

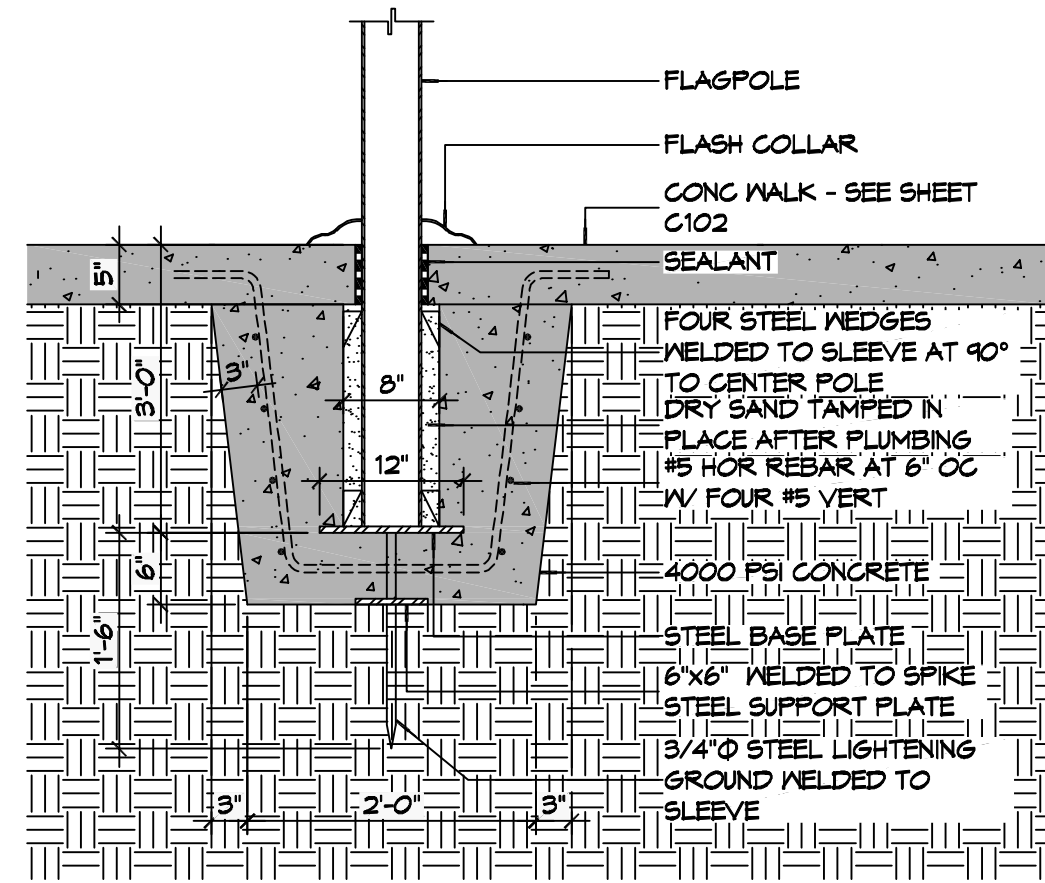




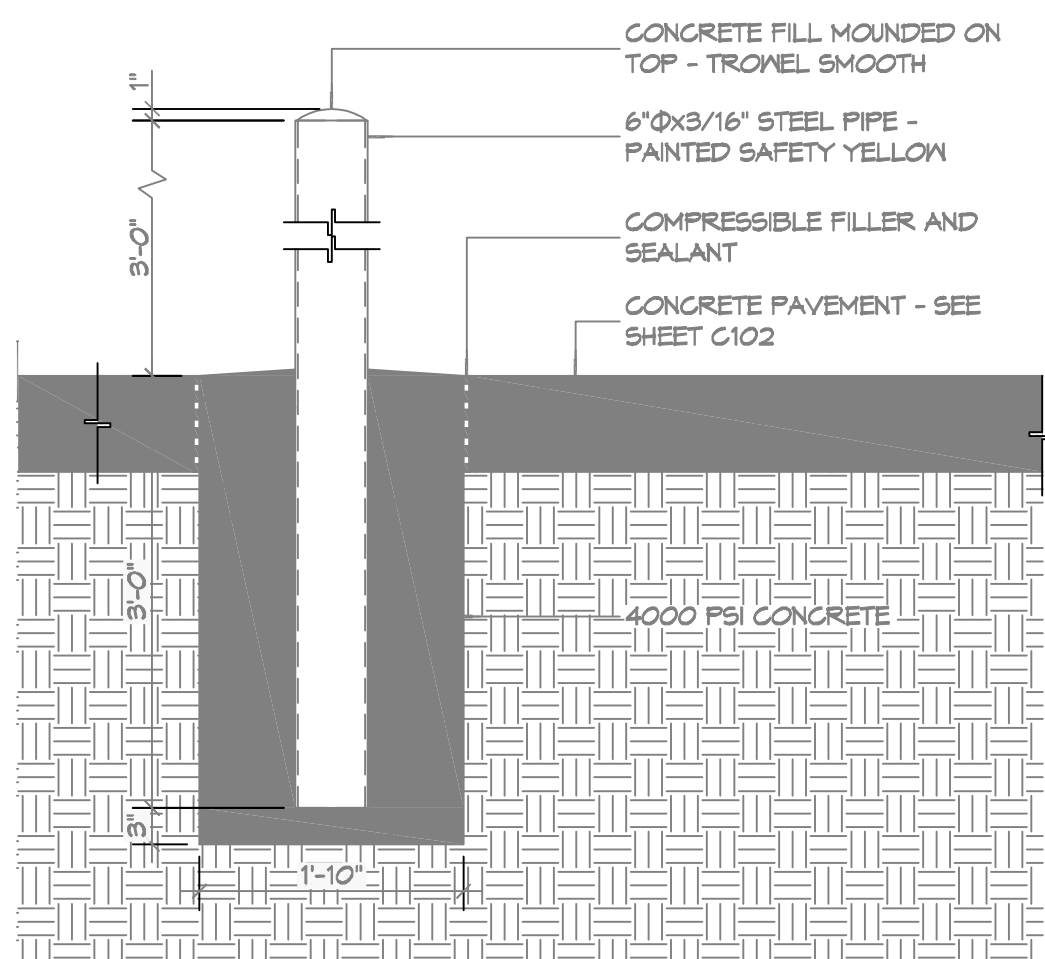




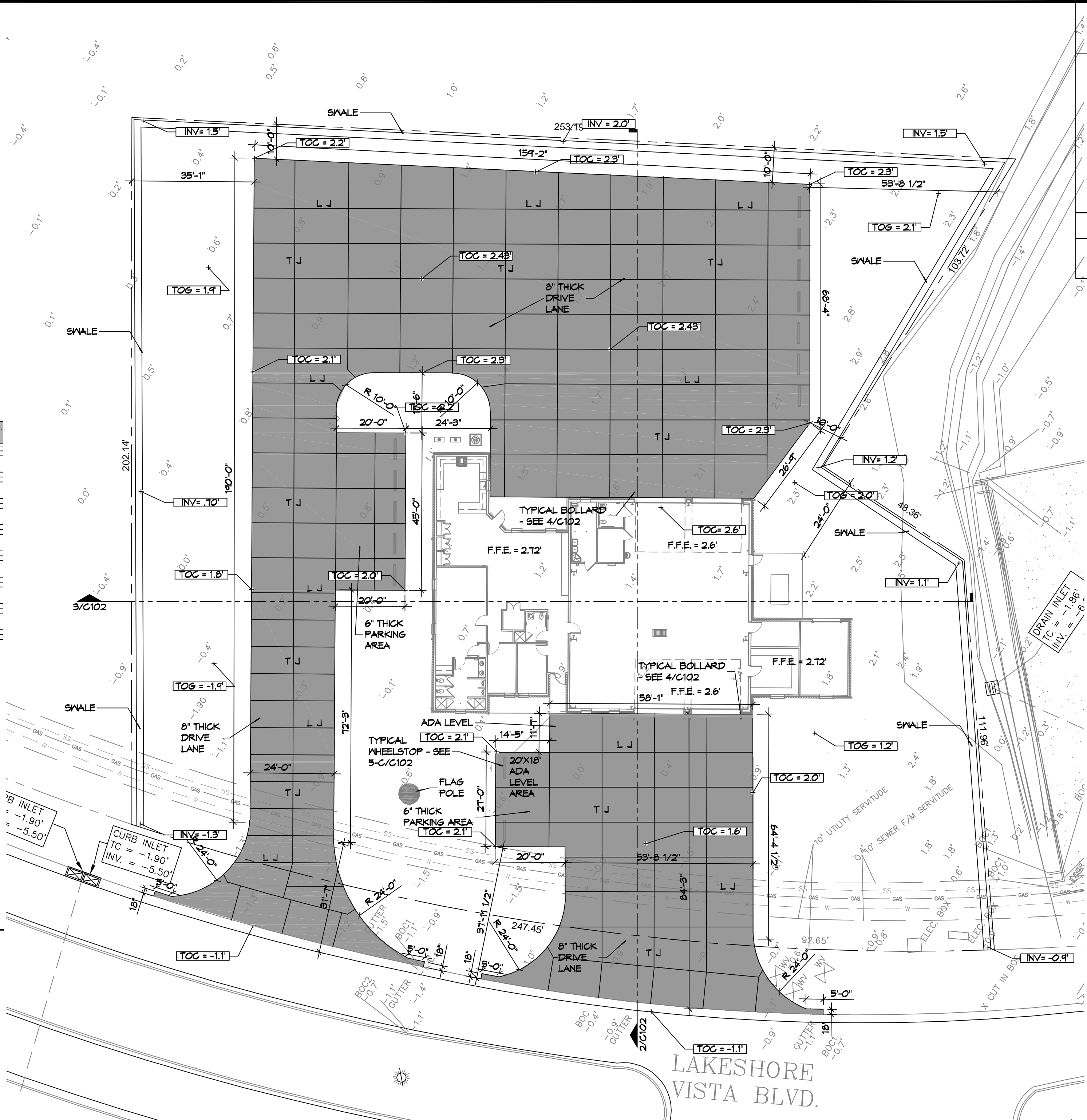
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 PLOT DATE: 12/05/2015 10:58:32 AM  
 PLOT BY: BMM



**6 DETAIL**  
SCALE: 3/4" = 1'-0"  
FLAGPOLE FOUNDATION



**4 DETAIL**  
SCALE: 3/4" = 1'-0"  
TYPICAL BOLLARD



**1 PAVING PLAN**  
SCALE: 1" = 20'-0"

**SITE DRAINAGE LEGEND**

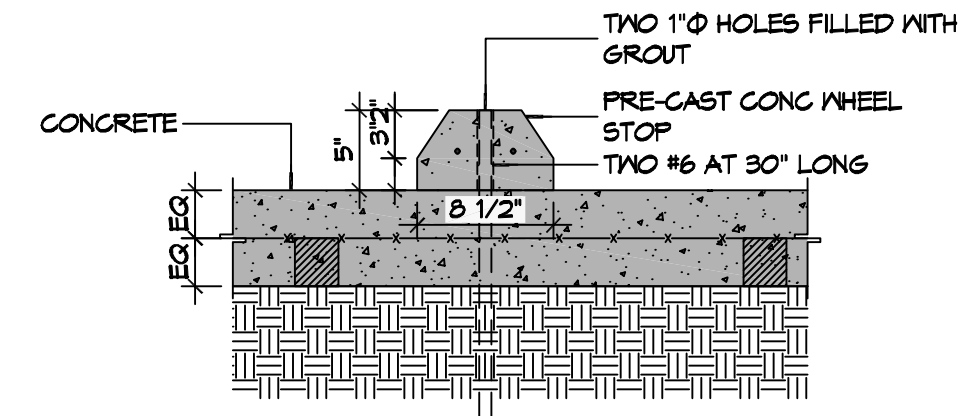
- PROPERTY LINE
- TOC = 11.47' TOP OF CONCRETE
- TOG = 11.47' TOP OF GRADE
- INV = 11.47' INVERT OF PIPE
- 00.00 EXISTING ELEVATIONS

**AREA OF FILL (CUBIC YARDS)**

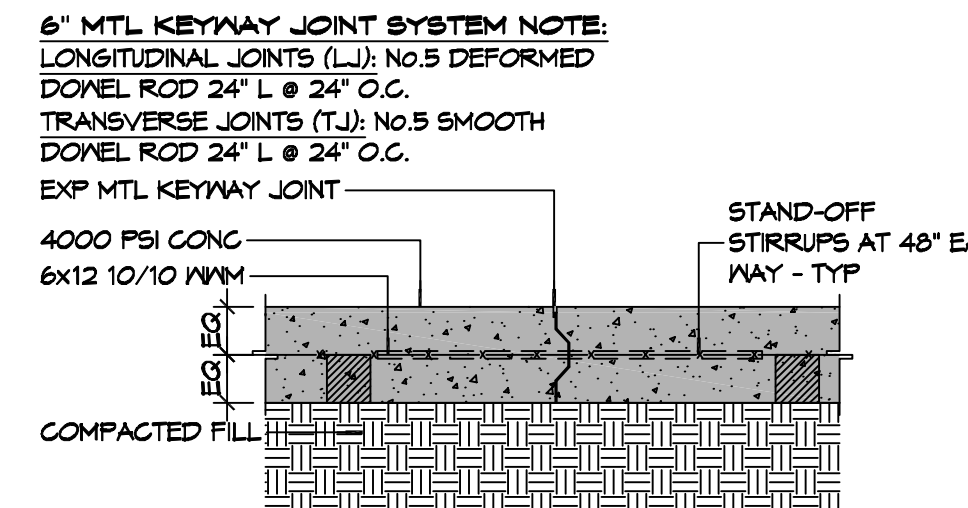
2,840 CUBIC YARDS

**GENERAL NOTES**

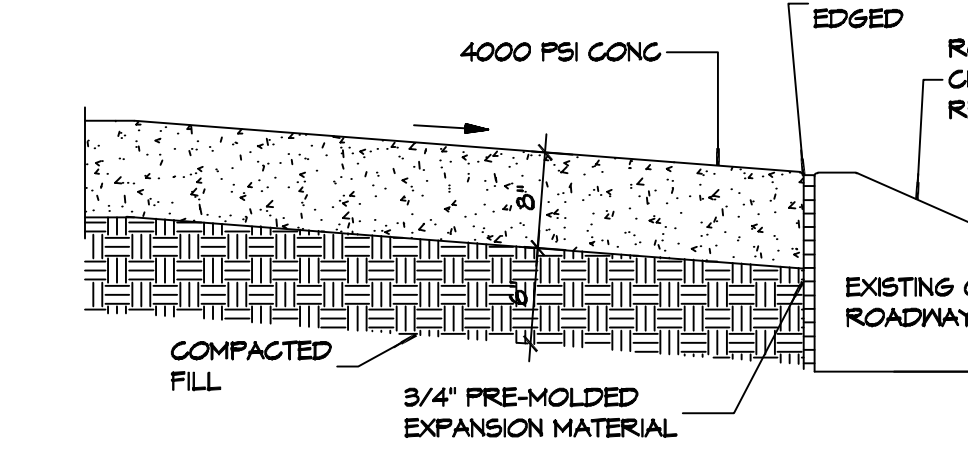
1. ALL NEW CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI AT 28 DAYS AND A MINIMUM THICKNESS OF 6". CONCRETE MIX SHALL BE IN ACCORDANCE WITH THE LATEST REVISION OF ASTM C-150 TYPE 1.
2. CONCRETE PAVING THICKNESS SHALL VARY AS FOLLOWS:
  - a. APRONS & LOADING AREAS = 8" THICKNESS
  - b. DRIVE LANES & PARKING AREAS = 6" THICKNESS
3. ALL REINFORCING STEEL SHALL MEET ASTM-A615 (GRADE 60).
4. ALL REINFORCING STEEL SHALL BE SECURELY SUPPORTED TO PREVENT BOTH VERTICAL AND HORIZONTAL MOVEMENT DURING CONCRETE PLACEMENT. ALL CONTROL AND EXPANSION JOINTS SHALL BE LOCATED AND INSTALLED AS SHOWN ON THE PAVING PLAN AND IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
5. ALL SUB GRADE FILL SHALL BE SELECT GRANULAR MATERIAL COMPACTED TO 95% STANDARD PROCTOR DENSITY IN A MAXIMUM OF 6" LIFTS.
6. CONTRACTOR SHALL CONTACT THEIR REGULATORY DEPARTMENT OF ENGINEERING PRIOR TO CONDUCTING ANY WORK.
7. ANY WORK WITHIN THE ROADWAY OR ADJACENT TO THE ROADWAY CAUSING AN INTERFERENCE TO VEHICULAR TRAFFIC MUST CONFORM TO THE REQUIREMENTS SET FORTH BY THE UNIFORM MANUAL OF TRAFFIC CONTROL DEVICES OF THE STATE OF LOUISIANA. THE CONTRACTOR MUST FURNISH ALL NECESSARY TRAFFIC SIGNS AND/OR BARRICADES AND MAINTAIN THEM DURING CONSTRUCTION ACTIVITY.



**C TYPICAL WHEEL STOP**

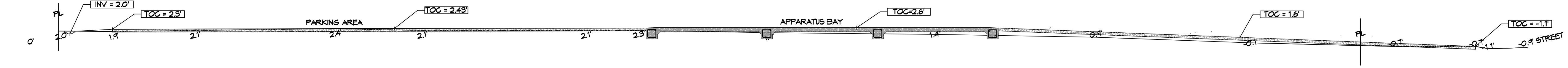


**B TYPICAL PAVEMENT JOINT**

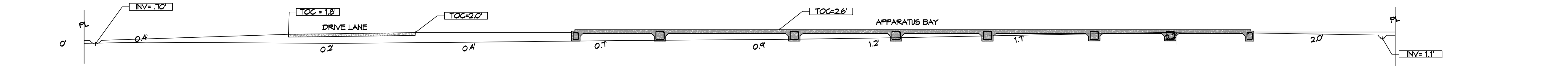


**A EXISTING PAVING TO NEW PAVING**

**5 PAVING DETAIL**  
SCALE: N.T.S.



**2 SITE PROFILE**  
SCALE: 1" = 10'



**3 SITE PROFILE**  
SCALE: 1" = 20'

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**NEW FIRE STATION #10**  
**ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1**  
 246 LAKESHORE VISTA BLVD  
 SLIDELL, LA 70461  
 JOB No: 2519  
 DATE: 12-05-2015  
 DRAWN BY: BMM  
 CHECKED BY: CKD

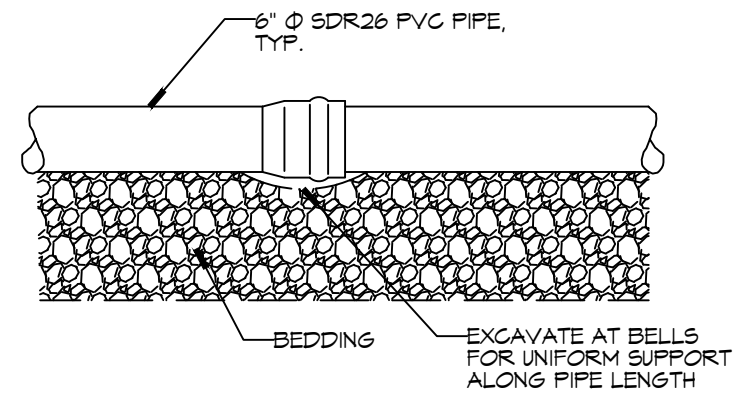
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 DETAIL SITE GRADING AND PAVING PLAN, PAVING DETAILS

DRAWING NUMBER:

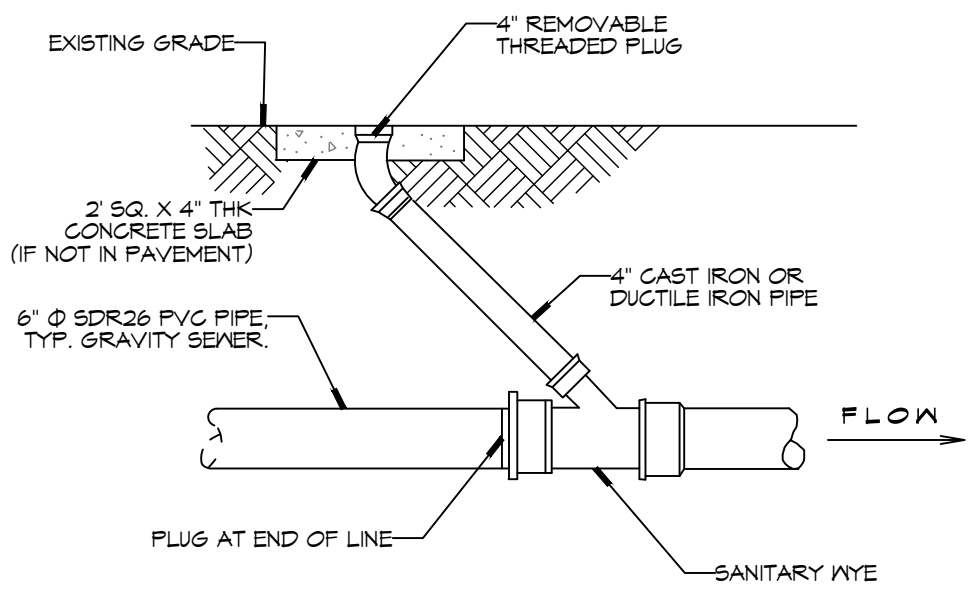
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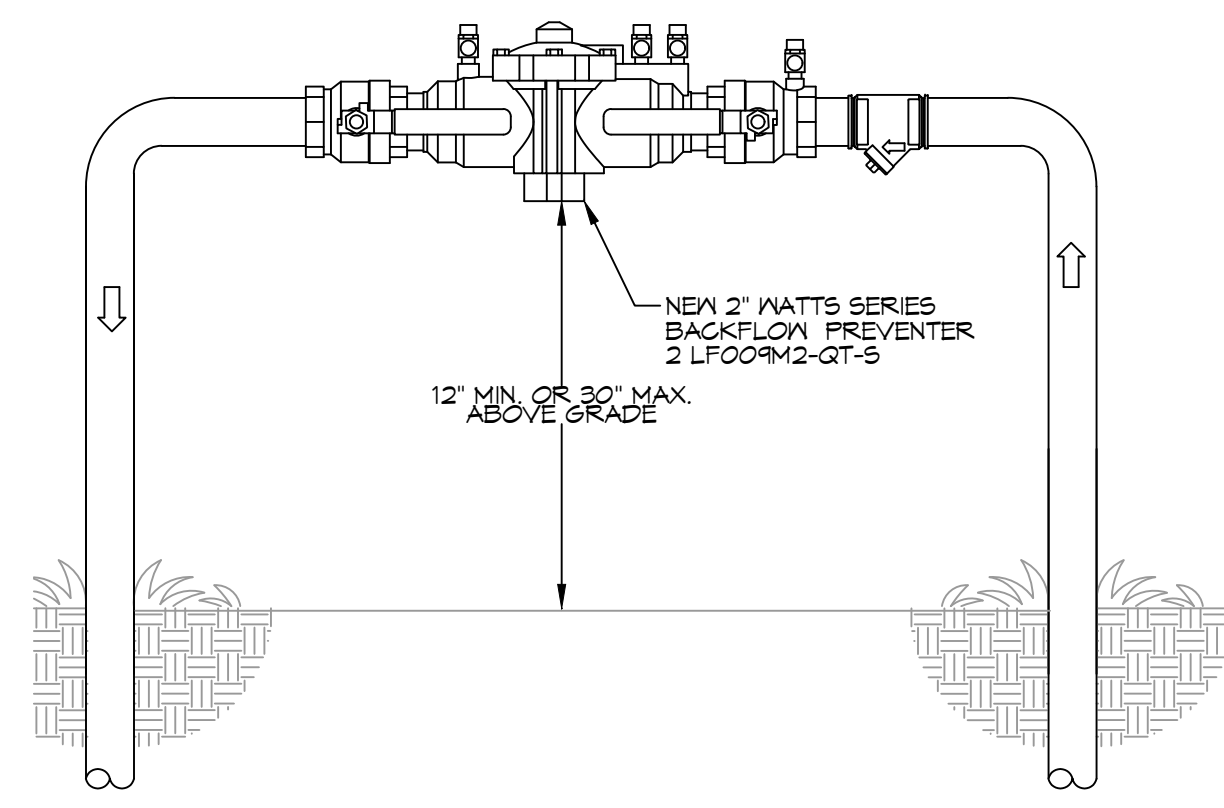
**2** **DETAIL**  
SCALE: N.T.S. SERVICE LATERAL DETAIL



**3** **DETAIL**  
SCALE: N.T.S. THROUGH FLOW CLEAN OUT DETAIL



**4** **TYPICAL RISER DETAIL**  
SCALE: N.T.S.



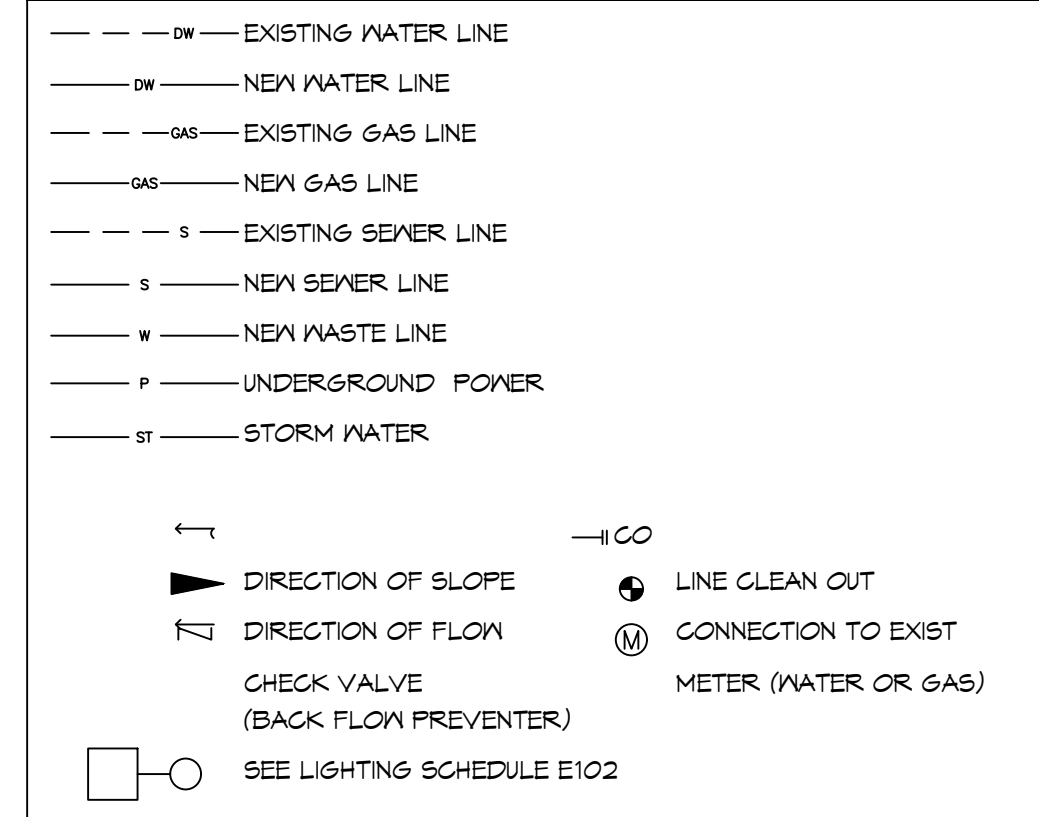
**SITE LIGHTING**

EXTERIOR LIGHTING SHALL BE SHADED OR INWARDLY DIRECTED IN SUCH A MANNER SO THAT NO DIRECT LIGHTING OR GLARE BE CAST BEYOND THE PROPERTY LINE. THE INTENSITY OF SUCH LIGHTING SHALL NOT EXCEED ONE FOOT CANDLE AS MEASURED AT THE ABUTTING PROPERTY LINE.

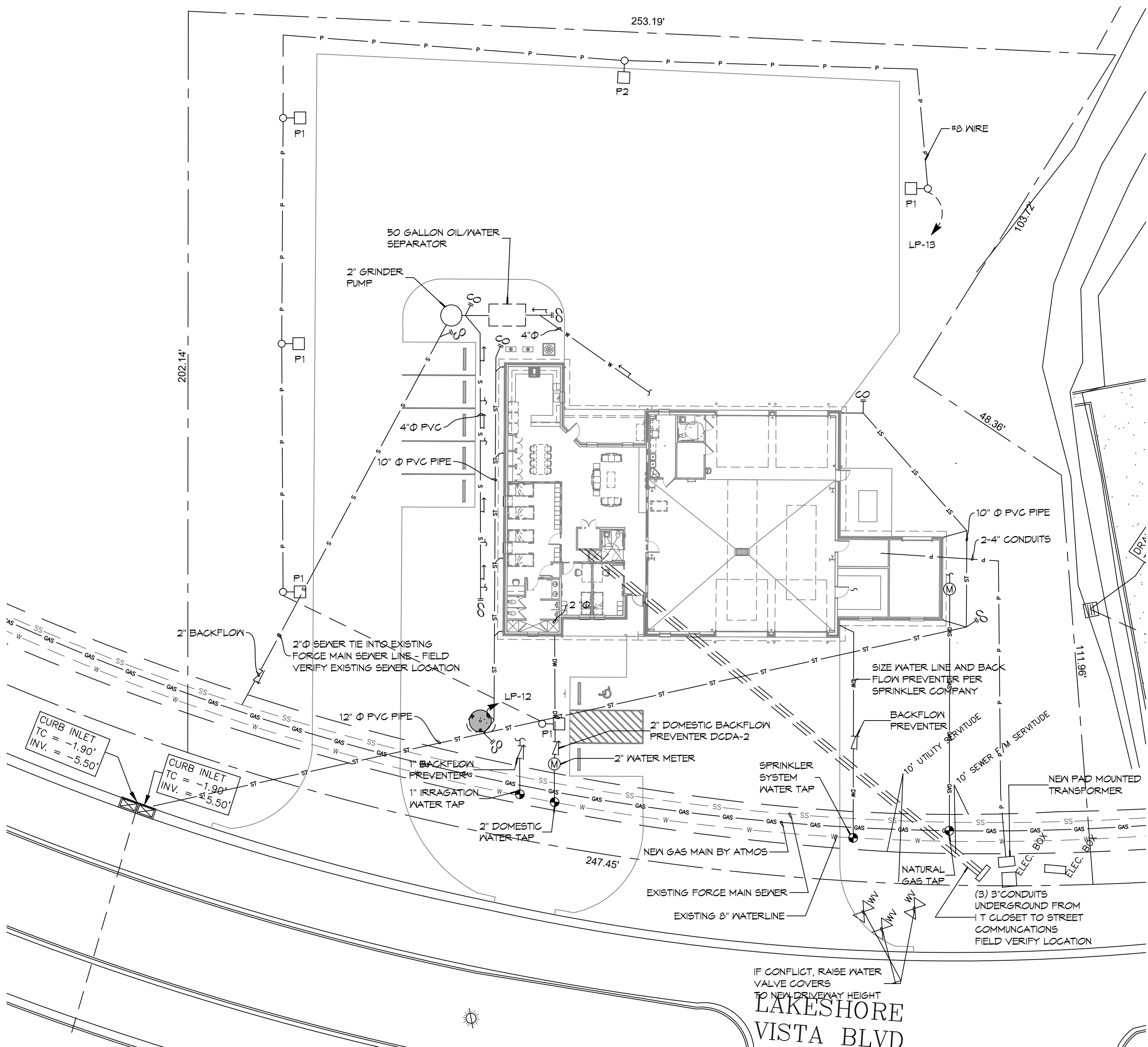
**GENERAL SITE UTILITIES NOTES**

- ALL CONSTRUCTION SHALL COMPLY WITH CONTRACT SPECIFICATIONS AND APPLICABLE LOCAL, STATE, AND FEDERAL STANDARDS AND REGULATIONS.
- CONSTRUCTION SHALL NOT INTERRUPT EXISTING UTILITIES.
- ALL DISTURBED GROUND SHALL BE RESTORED IN KIND TO A CONDITION EQUAL TO OR BETTER THAN ORIGINALLY FOUND.
- SOIL EROSION CONTROL SHALL BE IN ACCORDANCE WITH THESE DOCUMENTS.
- PROTECT EXISTING UTILITY LINES FROM DAMAGE. FOLLOW INDIVIDUAL UTILITY'S RECOMMENDATIONS FOR UTILITY LINE PROTECTION.
- CONTRACTOR SHALL IMMEDIATELY REPORT ALL DAMAGE TO UTILITY LINES TO BOTH UTILITY COMPANY AND ENGINEER.
- ALL DAMAGE CAUSED TO EXISTING UTILITY LINES BY CONTRACTOR'S OPERATIONS SHALL BE REPAIRED BY THE CONTRACTOR TO COMPLETE SATISFACTION OF THE UTILITY COMPANY AND ENGINEER.
- LOCATION OF EXISTING UTILITIES IS APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY EXACT LOCATIONS.
- CONTRACTOR IS RESPONSIBLE FOR CUT AND CAP OF EXISTING UTILITIES PRIOR TO ANY DEMOLITION.
- CONTRACTOR SHALL CONTACT LOUISIANA ONE CALL PRIOR TO COMMENCEMENT OF SITE EXCAVATION.

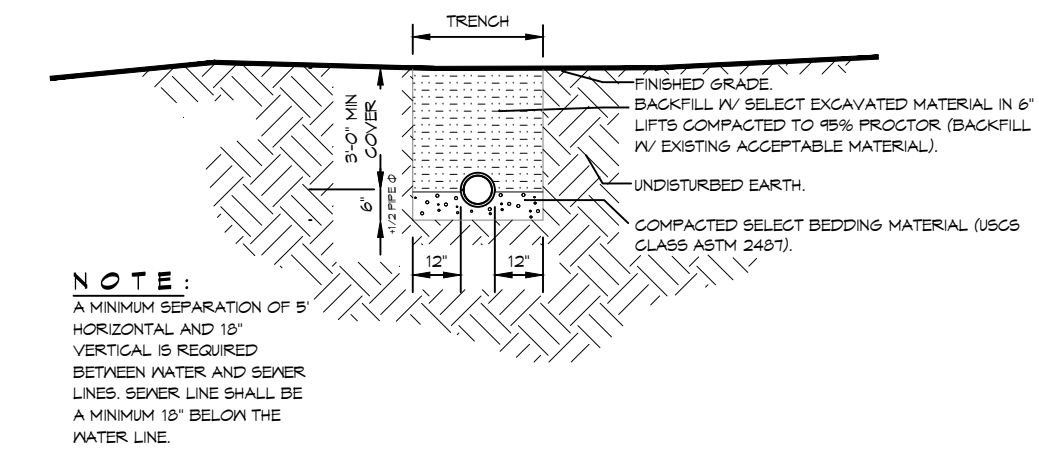
**SITE UTILITIES LEGEND**



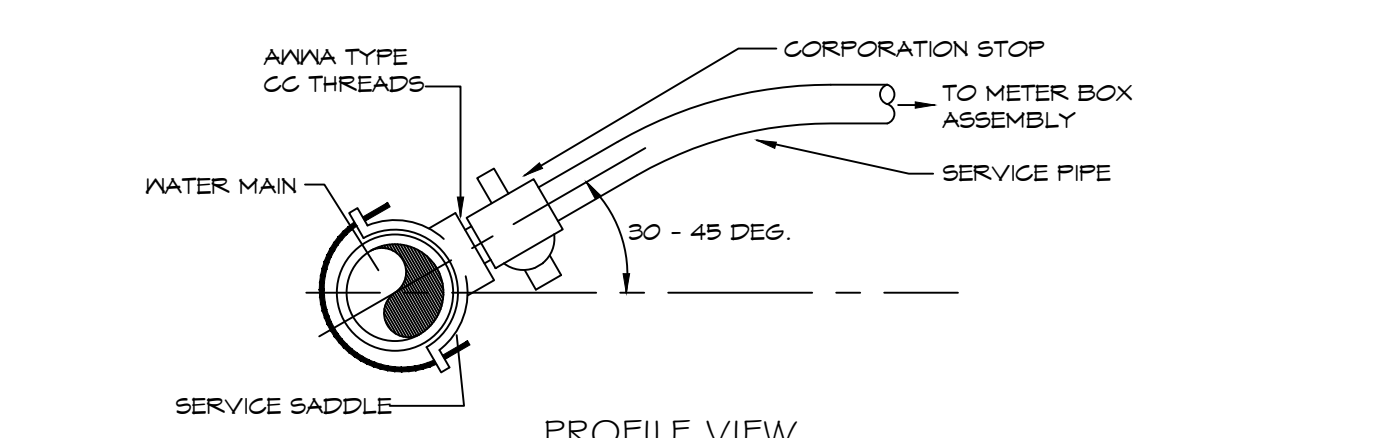
**1** **SITE UTILITIES PLAN**  
SCALE: 1" = 20'



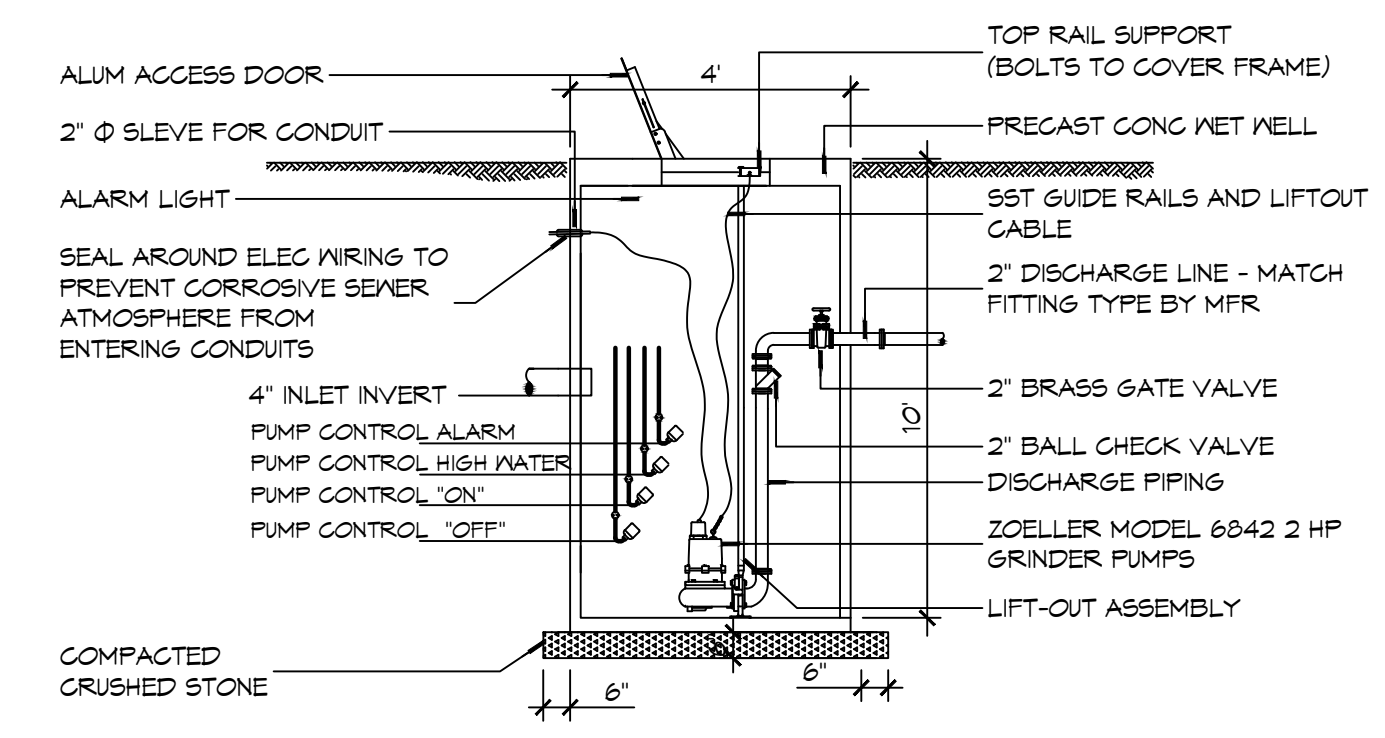
**5** **DETAIL**  
SCALE: N.T.S. SEWER AND WATER SEPARATION



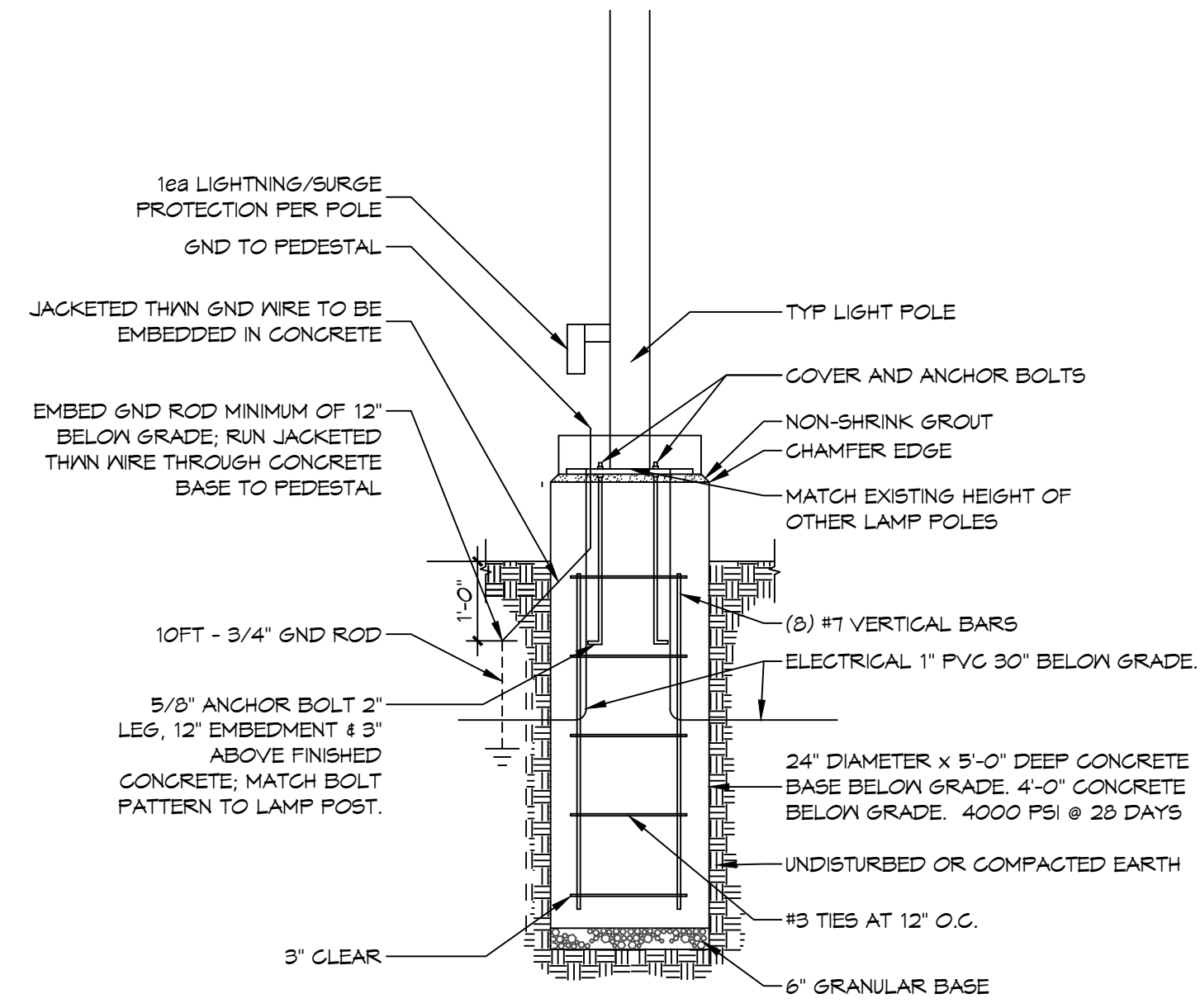
**6** **WATER SERVICE CONNECTION**  
SCALE: N.T.S.



**7** **GRINDER PUMP**  
SCALE: N.T.S.



**8** **LIGHT POLE DETAIL**  
SCALE: N.T.S.



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**NEW FIRE STATION #10  
ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1**

248 LAKESHORE VISTA BLVD  
SLIDELL, LA 70461  
JOB No: 2519 DATE: 12-05-2025  
DRAWN BY: CKD CHECKED BY: BAK

SHEET TITLE: SITE PLAN - SITE UTILITIES AND DETAILS

DRAWING NUMBER: **C103**

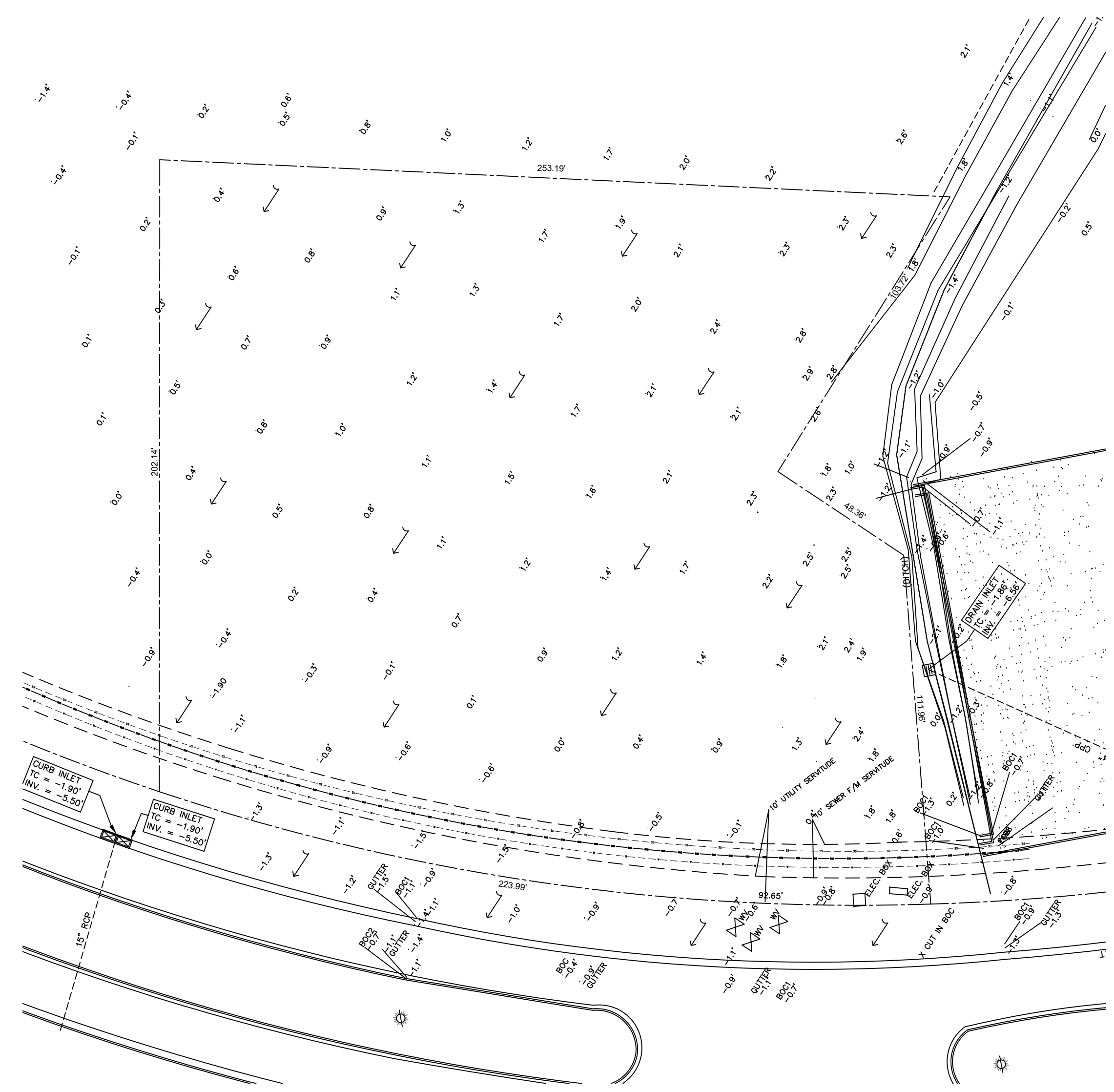
SHEET No: 7 of 37







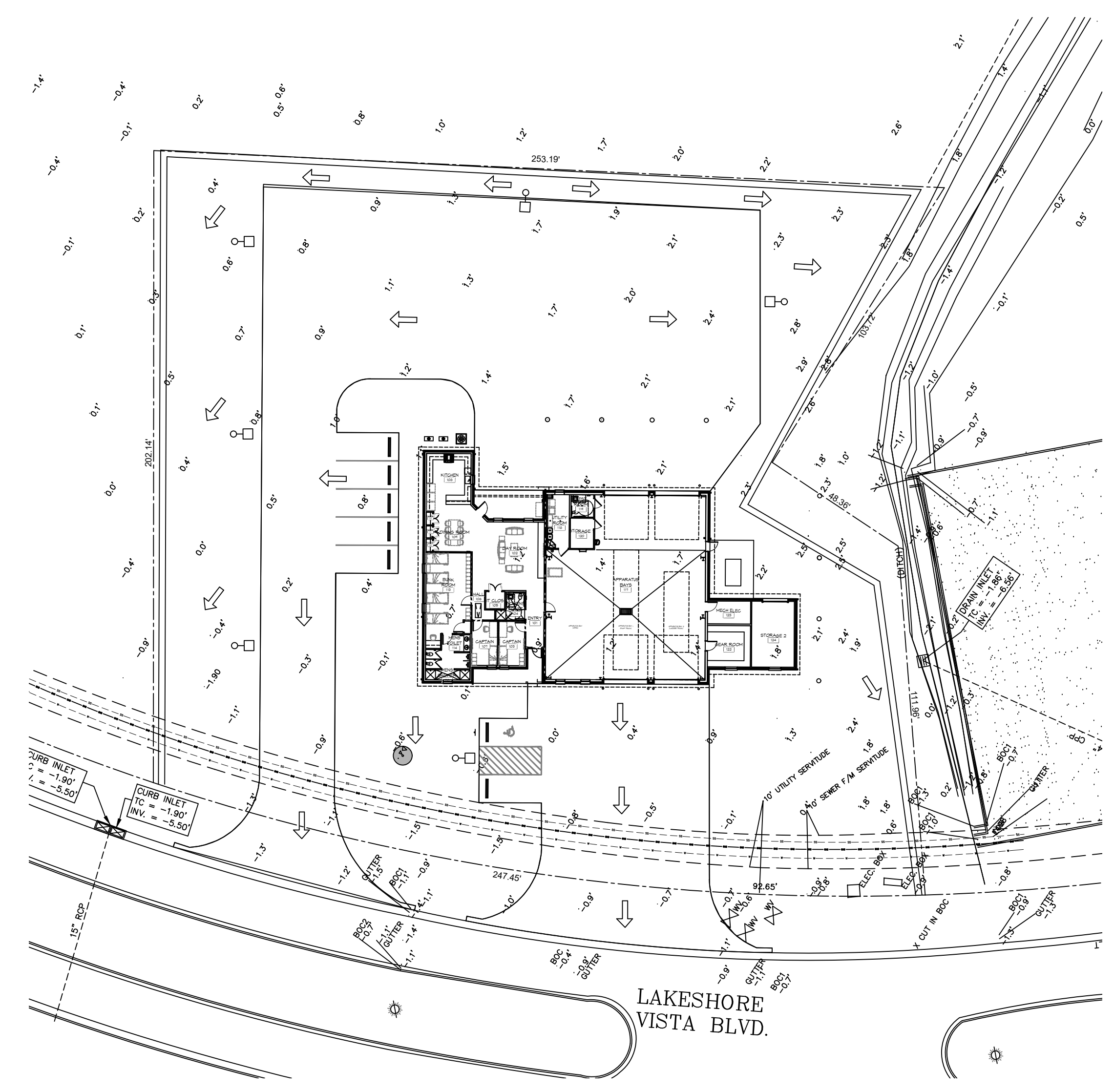
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**1 PRE DEVELOPMENT**  
 SCALE: 1" = 30'-0"

**PRE HARD & GREEN SPACE**

EXISTING AREA - 1.187 ACRES = 51,705.72 SQ. FT.  
 GREEN AREA = 51,705.72 SQ. FT.



**2 POST DEVELOPMENT**  
 SCALE: 1" = 30'-0"

**POST HARD & GREEN SPACE**

EXISTING AREA - 1.187 ACRES = 51,705.72 SQ. FT.  
 BUILDING AREA = 6,526 SQ. FT.  
 CONCRETE PAVING AREA = 22,885 SQ. FT.  
 GREEN AREA = 22,244.72 SQ. FT.

**NO ADVERSE IMPACT TO ADJACENT PROPERTIES**

AREA RESULTS IN A NEGLIGIBLE CHANGE FROM THE EXISTING  
 RUNOFF COEFFICIENT (C) AND RATE OF RUNOFF AND DRAINAGE  
 PATTERNS ARE TO REMAIN THE SAME.

**PRE & POST WATER FLOW**

PRE DEVELOPMENT DRAINAGE FLOW  
 POST DEVELOPMENT DRAINAGE FLOW

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#	DATE

SEAL:

**NEW FIRE STATION #10**  
**ST. TAMMANY FIRE PROTECTION**  
**DISTRICT NO. 1**

2745 LAKESHORE VISTA BLVD  
 SLIDELL, LA 70461

JOB No: 2516 | DATE: 12-05-2025  
 DRAWN BY: BAW | CHECKED BY: CKD

SHEET TITLE:  
PRE AND POST DEVELOPMENT

DRAWING NUMBER:  
**C106**

SHEET No: 10 of 37





FILE NAME: \\S:\Government\310 - Fire Station #10\Drawings\General\Drawings\102 - Ceiling Framing Plan.dwg Date: 12/10/2025 10:05:53 AM

**DESIGN CRITERIA**

THE CONSTRUCTION FOR SAID RESIDENCE, WHERE BASIC WIND SPEED IS 140 MILES PER HOUR, WIND EXPOSURE ZONE C, IS DESIGNED IN ACCORDANCE WITH: AMERICAN FOREST AND PAPER ASSOCIATION (AF&PA) WOOD FRAME CONSTRUCTION MANUAL FOR ONE AND TWO FAMILY DWELLINGS (WFCM) 2001 EDITION AS WELL AS THE INTERNATIONAL RESIDENTIAL CODE (IRC) 2021 EDITION.

**GENERAL CEILING FRAMING NOTES**

- REFER TO SHEET S601 FOR TYPICAL CONNECTION DETAILS AND SCHEDULES.
- PROVIDE CEILING FRAMING AT ALL GYPSUM BOARD CEILINGS AND SOFFITS SHOWN.
- ALL CEILING JOISTS SHALL BE SPACED AT 16 INCHES OC UNLESS NOTED OTHERWISE.
- PROVIDE DOUBLE JOISTS AT SIDES OF FRAMED OPENINGS AND AT CHANGES IN FRAMING DIRECTION UNLESS MORE STRINGENT FRAMING IS SHOWN.
- CONTRACTOR SHALL COORDINATE JOIST LAYOUT WITH LIGHTS, VENTS, ACCESS OPENINGS, AND OTHER CEILING PENETRATIONS AS REQUIRED.
- PROVIDE FRAMED OPENING WHERE NECESSARY TO ACCOMMODATE RECESSED LIGHT FIXTURES. WHERE CONFLICT OCCURS, RECESSED LIGHT LOCATION GOVERNS.
- PROVIDE DOUBLE JOISTS AT EACH SIDE OF JOISTS THAT ARE CUT. DO NOT CUT MORE THAN TWO ADJACENT JOISTS.
- REFER TO TABLES S102.1 AND S102.2 FOR HEADER SCHEDULE. ALL HEADERS WILL COMPLY WITH SAID SCHEDULE UNLESS NOTED OTHERWISE.
- PROVIDE 5/8" DECKING FOR A/C UNITS AND WATER HEATER. REFER TO MECHANICAL PLAN M101 FOR REFERENCE.
- SEE REFLECTED CEILING PLAN A102 FOR ACCESS PANEL SIZE & LOCATION. COORDINATE EXACT LOCATION W/EQUIPMENT LAYOUT. COORDINATE ROUGH OPENING DIMENSIONS WITH ACCESS PANEL MANUFACTURER.
- REFER TO DOOR AND WINDOW SCHEDULES FOR OPENING DIMENSIONS.
- PROVIDE LOOKOUTS OF EQUAL SIZE OF ADJACENT CEILING JOISTS WHERE CEILING JOISTS ARE NOT PARALLEL TO ROOF RAFTERS.
- ALL CEILING JOISTS SHALL BE CONNECTED TO ROOF RAFTERS AT ALL ROOF/CEILING FRAMING JUNCTIONS.
- DO NOT PLACE PLYWOOD DECKING ABOVE IT CLOSET 105 OR WALLS ENCLOSING IT TO ACCOMMODATE CONDUITS AND SWEEPS. COORDINATE WITH RELEVANT TRADES CLEARANCE REQUIREMENTS.
- ADJUST FRAMED OPENING AS NECESSARY TO ACCOMMODATE CLEARANCE NEEDED FOR TELESCOPING ATTIC STAIR.

**LEGEND**

- ← 2x8 → CEILING JOIST SPAN DIRECTION AND JOIST SIZE
- [Cross-hatched box] EXTENTS OF 3/4" PLYWOOD DECK
- [Diagonal lines box] EXTENTS OF 5/8" PLYWOOD DECK
- [Box with X] FRAMED OPENING

**TABLE S102.1 - HEADER SPANS - INTERIOR LOADBEARING WALLS**  
 WFCM 2001 Table 3.24A1 & 3.24B1

HEADER SUPPORTING	SIZE	BUILDING WIDTH (FT)		
		12	24	36
		SPAN (FT - IN)		
ONE FLOOR (CENTER BEARING)	(2) 2x4	4'-0"	2'-10"	2'-4"
	(2) 2x6	5'-11"	4'-3"	3'-5"
	(2) 2x8	7'-1"	5'-2"	4'-4"
	(2) 2x10	7'-11"	6'-0"	5'-0"
	(2) 2x12	8'-6"	6'-7"	5'-7"
	(3) 2x8	8'-5"	6'-4"	5'-3"
	(3) 2x10	9'-3"	7'-1"	6'-0"
	(3) 2x12	9'-11"	7'-8"	6'-7"
	(4) 2x8	9'-5"	7'-2"	6'-0"
	(4) 2x10	10'-3"	7'-11"	6'-9"
TWO FLOORS ONLY (CENTER BEARING)	(2) 2x4	2'-7"	1'-11"	1'-7"
	(2) 2x6	3'-10"	2'-10"	2'-5"
	(2) 2x8	4'-9"	3'-7"	3'-0"
	(2) 2x10	5'-6"	4'-2"	3'-6"
	(2) 2x12	6'-1"	4'-9"	4'-1"
	(3) 2x8	5'-10"	4'-5"	3'-9"
	(3) 2x10	6'-7"	5'-1"	4'-4"
	(3) 2x12	7'-2"	5'-8"	4'-11"
	(4) 2x8	6'-7"	5'-1"	4'-3"
	(4) 2x10	7'-5"	5'-9"	4'-11"
(4) 2x12	8'-0"	6'-4"	5'-6"	

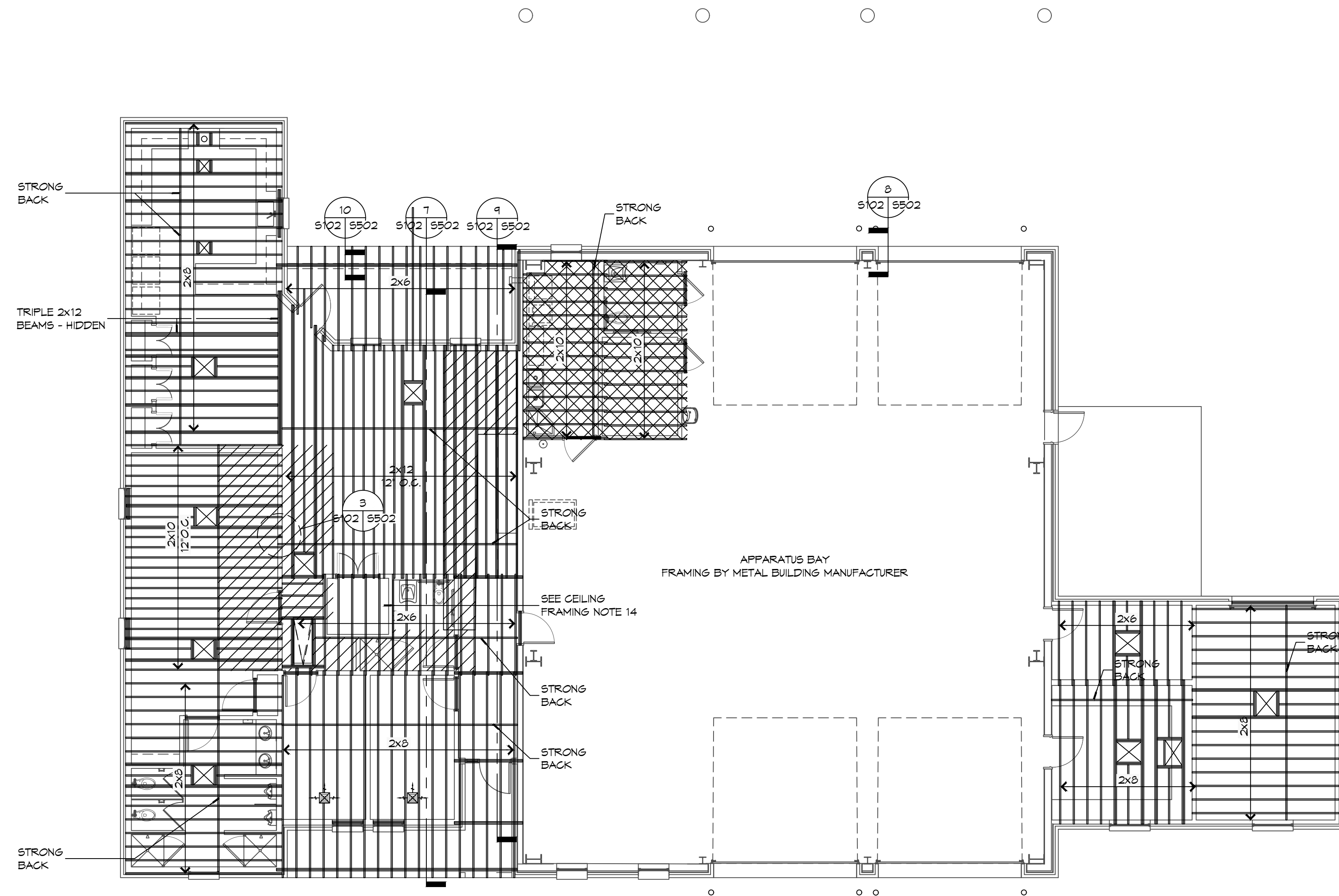
MAXIMUM SPAN 16'-0"  
 NOTE: BUILDING WIDTH IS MEASURE PERPENDICULAR TO THE RIDGE. FOR WIDTHS BETWEEN THOSE SHOWN, SPANS ARE PERMITTED TO BE INTERPOLATED.

**TABLE S102.2 - HEADER SPANS - EXPOSURE "C" FOR EXTERIOR LOADBEARING WALLS**  
 WFCM 2001 Table 3.23a

HEADER SIZE	SPAN	NUMBER FULL HEIGHT STUDS REQ AT EA END
(2) 2x4	4'-0"	TWO
(2) 2x6	4'-10"	TWO
(2) 2x8	5'-4"	TWO
(2) 2x10	5'-8"	TWO
(2) 2x12	6'-1"	TWO
(3) 2x8	6'-6"	THREE
(3) 2x10	7'-0"	THREE
(3) 2x12	7'-5"	THREE
(4) 2x8	7'-6"	FOUR
(4) 2x12	8'-7"	FOUR

140 MPH WIND - EXPOSURE 'C' (TYPICAL) EACH 1/1/2" PLYWOOD SPACER BETWEEN

**NOTE:**  
 1. ALL HEADERS SHALL HAVE SOLID BLOCKING.



**1 CEILING FRAMING PLAN**  
 SCALE: 1/8" = 1'-0"

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REVISIONS	DATE	DESCRIPTION



NEW FIRE STATION #10  
 ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1  
 2146 LAKESHORE VISTA BLVD  
 SLIDELL, LA 70461  
 JOB No: 2519 DATE: 12-09-2025  
 DRAWN BY: CKD CHECKED BY: BAK

SHEET TITLE:  
 CEILING FRAMING PLAN AND DETAILS

DRAWING NUMBER:

**S102**

FILE NAME: A:\-Documents\3103 - Fire Station #103\Sheet\3103 Roof Framing Plan.dwg Date: 12/05/2025 11:03:29 AM

### GENERAL ROOF FRAMING NOTES

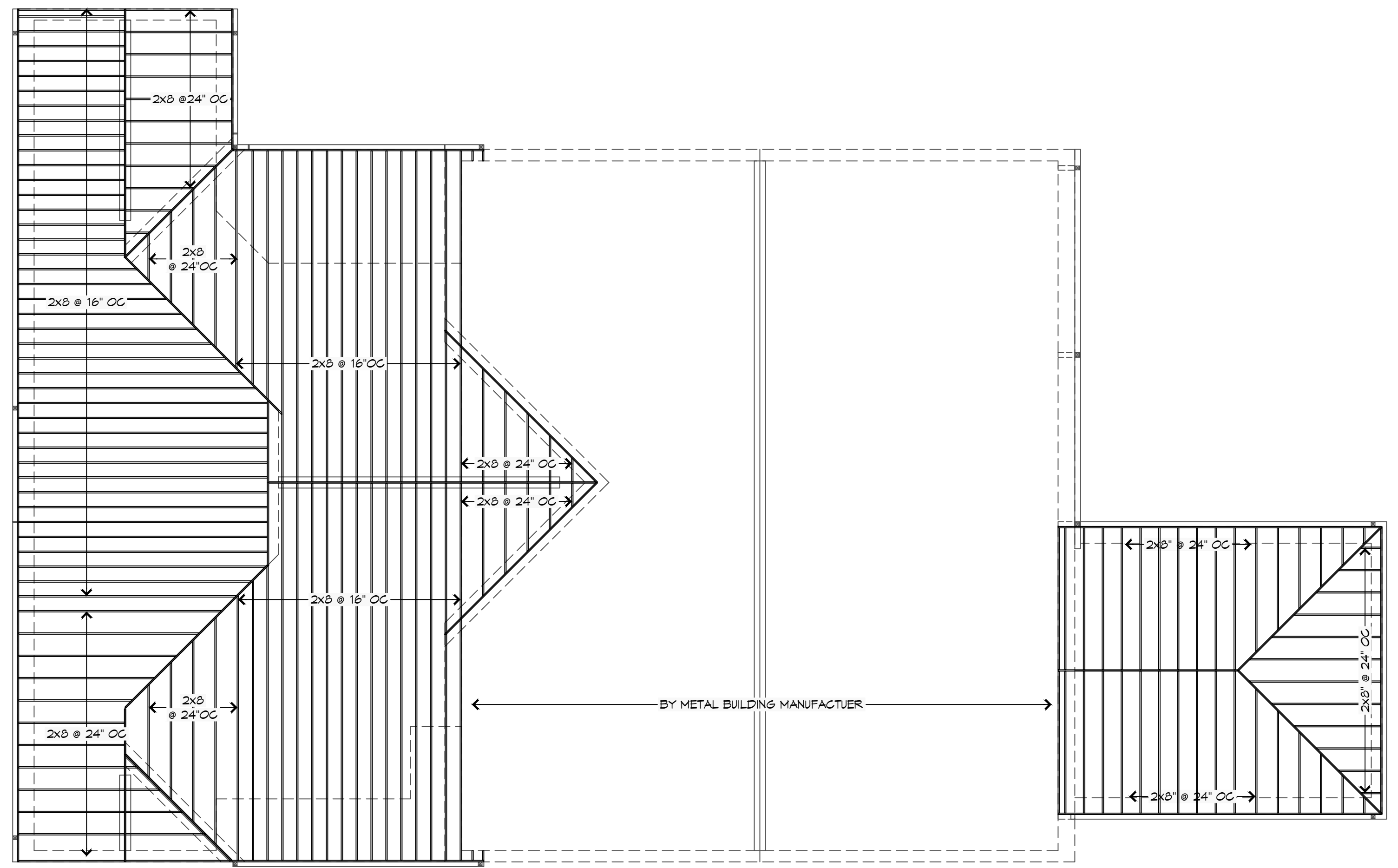
1. REFER TO EXTERIOR ELEVATIONS AND ROOF PLAN FOR INDICATED ROOF PITCH.
2. ALL RAFTERS SHALL BE SPACED AT 24 INCHES OC UNLESS NOTED OTHERWISE.
3. PROVIDE BLOCKING FOR SUPPORT OF ALL ROOF PENETRATIONS.
4. PROVIDE MINIMUM 2x6 HORIZONTAL COLLAR BRACING AT 1/3 POINT OF ATTIC SPACED AT FOUR FEET ON CENTER MAXIMUM.
5. ALL RAFTER ENDS SHALL BE CUT TO FIT FLUSH AGAINST RIDGE BOARD/BEAM TO PROVIDE A SOLID BEARING POINT.
6. ALL STRUTS AND PURLINS TO PROVIDE BRACING FOR RAFTERS SHALL NOT BE LESS THAN 45 DEGREES MEASURED FROM THE HORIZONTAL AND SHALL NOT EXCEED 8 FEET IN HEIGHT. ALL BRACING SHALL BE SUPPORTED ON A BEARING WALL.
7. WHERE A CONTINUOUS PURLIN IS PROVIDED IT SHALL NOT BE LESS THAN THE SIZE OF THE RAFTER IT IS SUPPORTING.
8. WHERE RAFTERS EXCEED 2x6 AT BUILDING PERIMETER PROVIDE 2x6 RAFTER TAILS TO MATCH ROOF OVERHANG DETAILS SHOWN ELSEWHERE IN THIS SET.

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1
**ROOF FRAMING PLAN**  
 SCALE: 1/8" = 1'-0"

# DESCRIPTION	DATE



NEW FIRE STATION #10

ST. TAMMANY FIRE PROTECTION

DISTRICT NO. 1

2748 LAKESHORE VISTA BLVD  
 SLIDELL, LA 70661  
 JOB No: 2519 DATE: 12-05-2025  
 DRAWN BY: CKD CHECKED BY: BAK

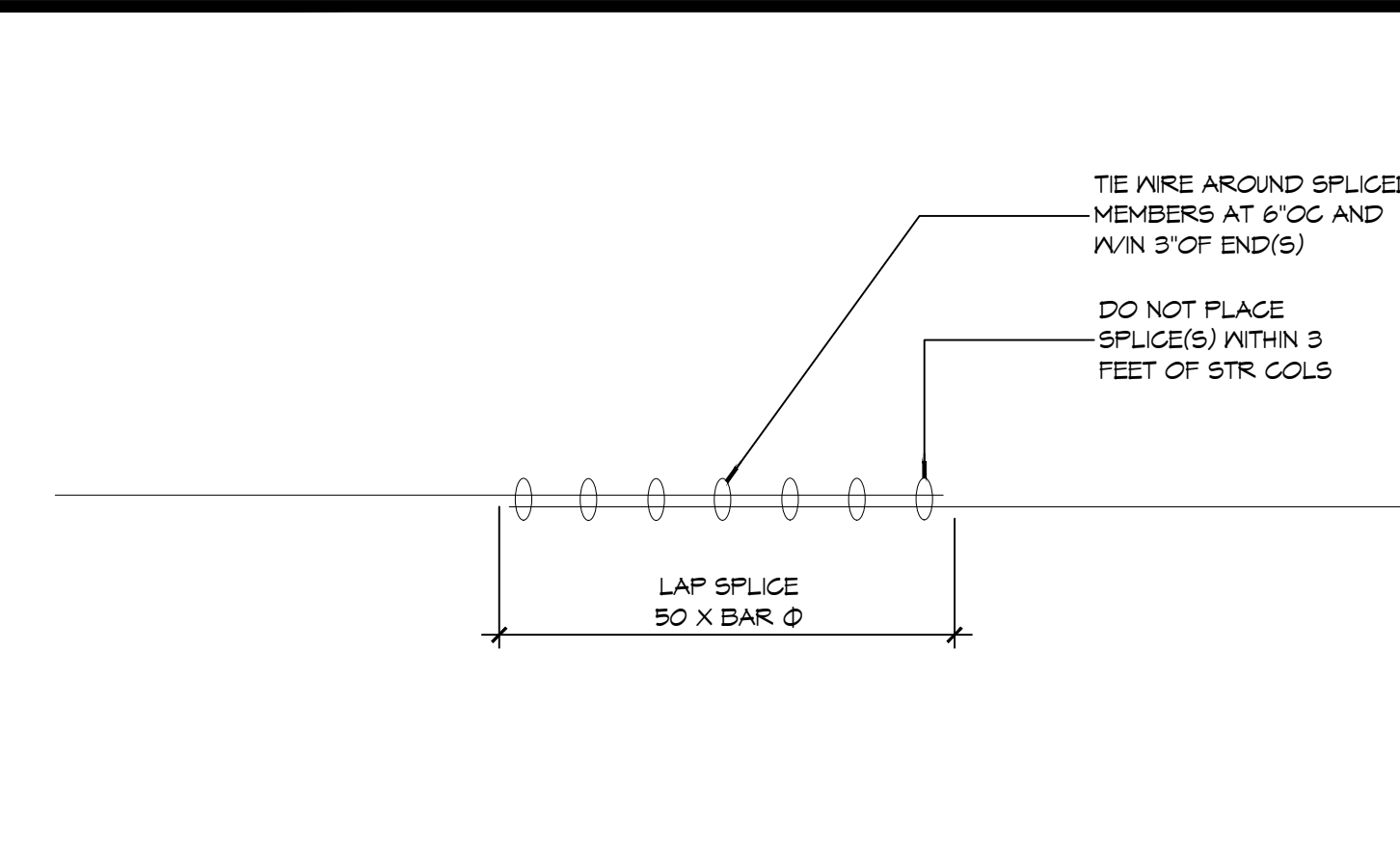
SHEET TITLE:  
 ROOF FRAMING AND  
 DETAILS

DRAWING NUMBER:

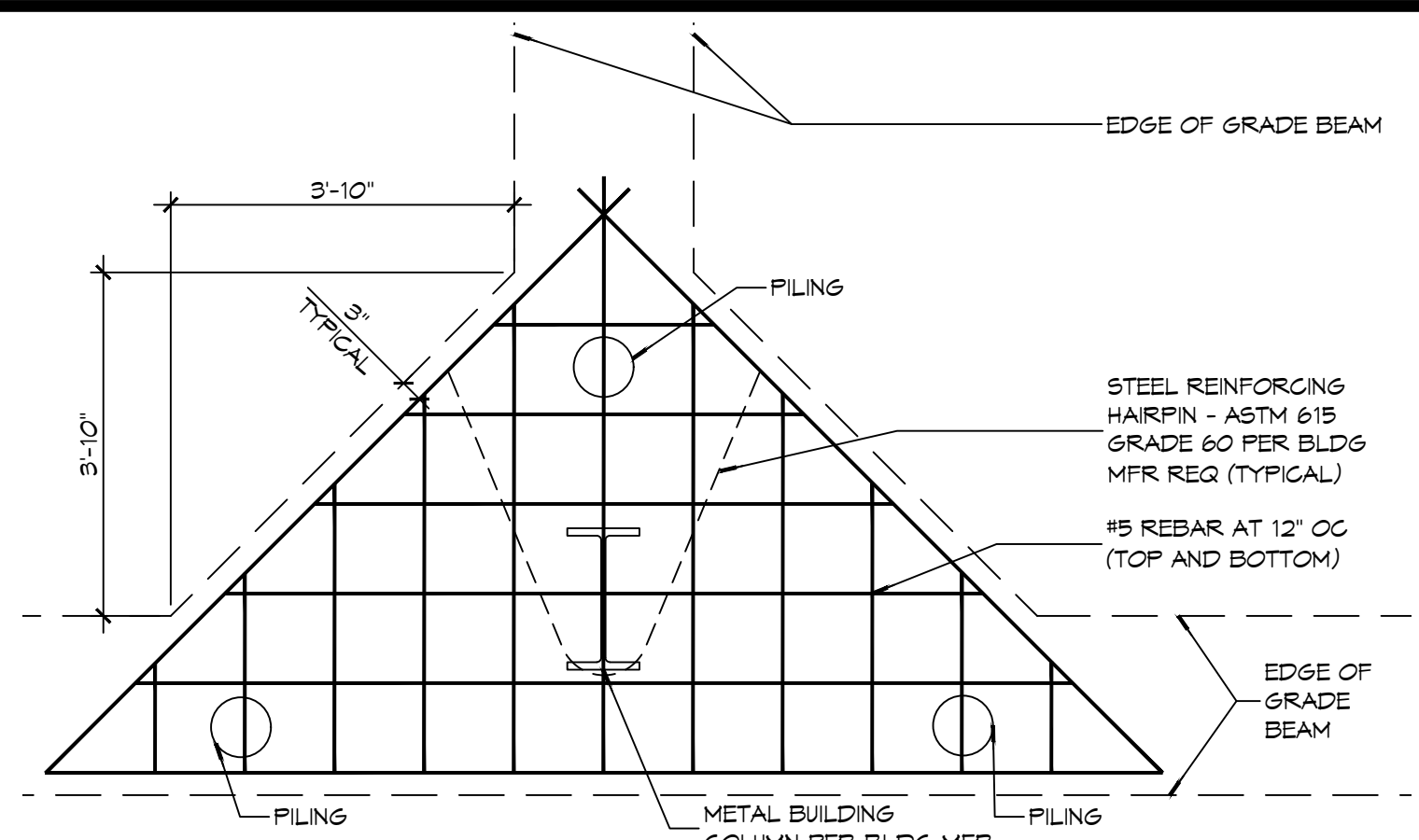
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SHEET No: 14 of 37

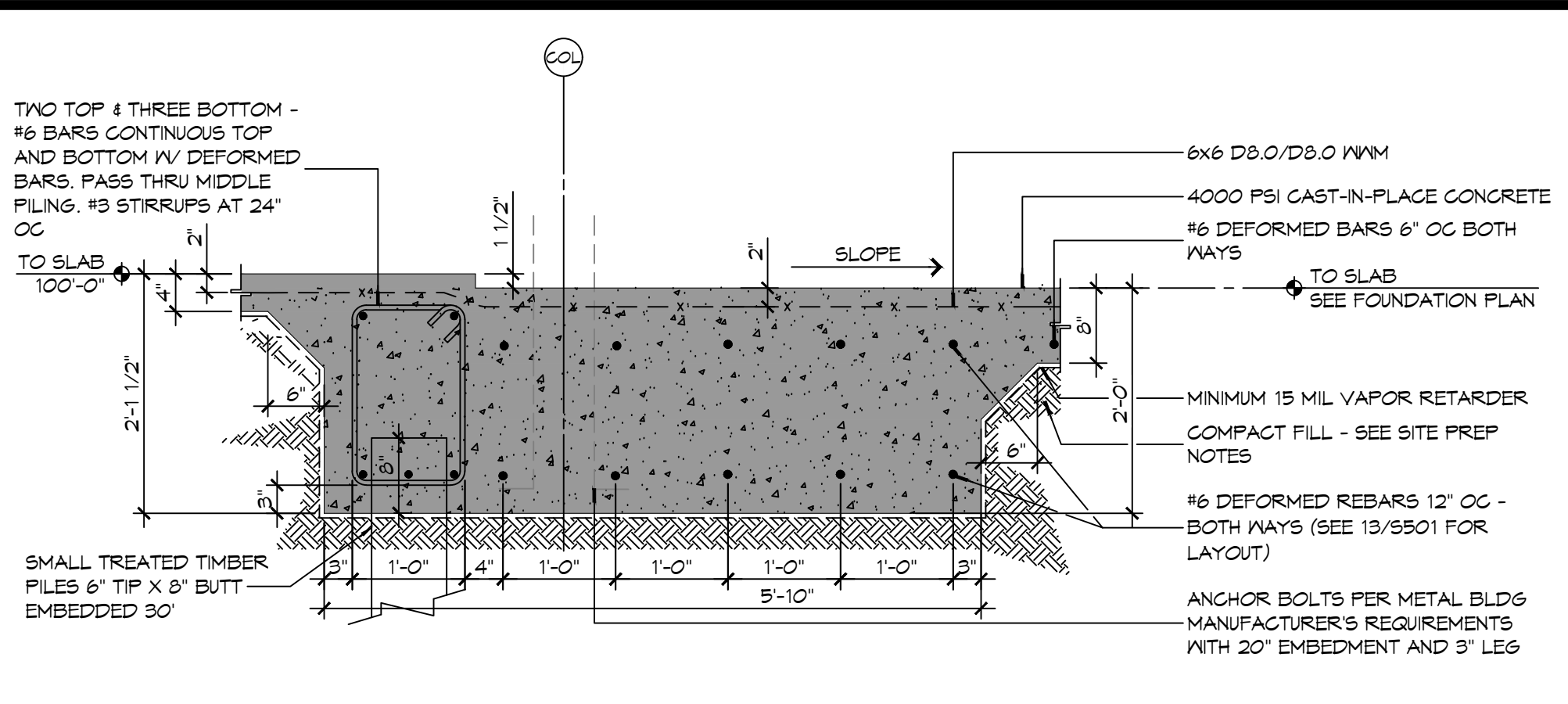
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**14 FOUNDATION DETAIL**  
 55015101 SCALE: NTS

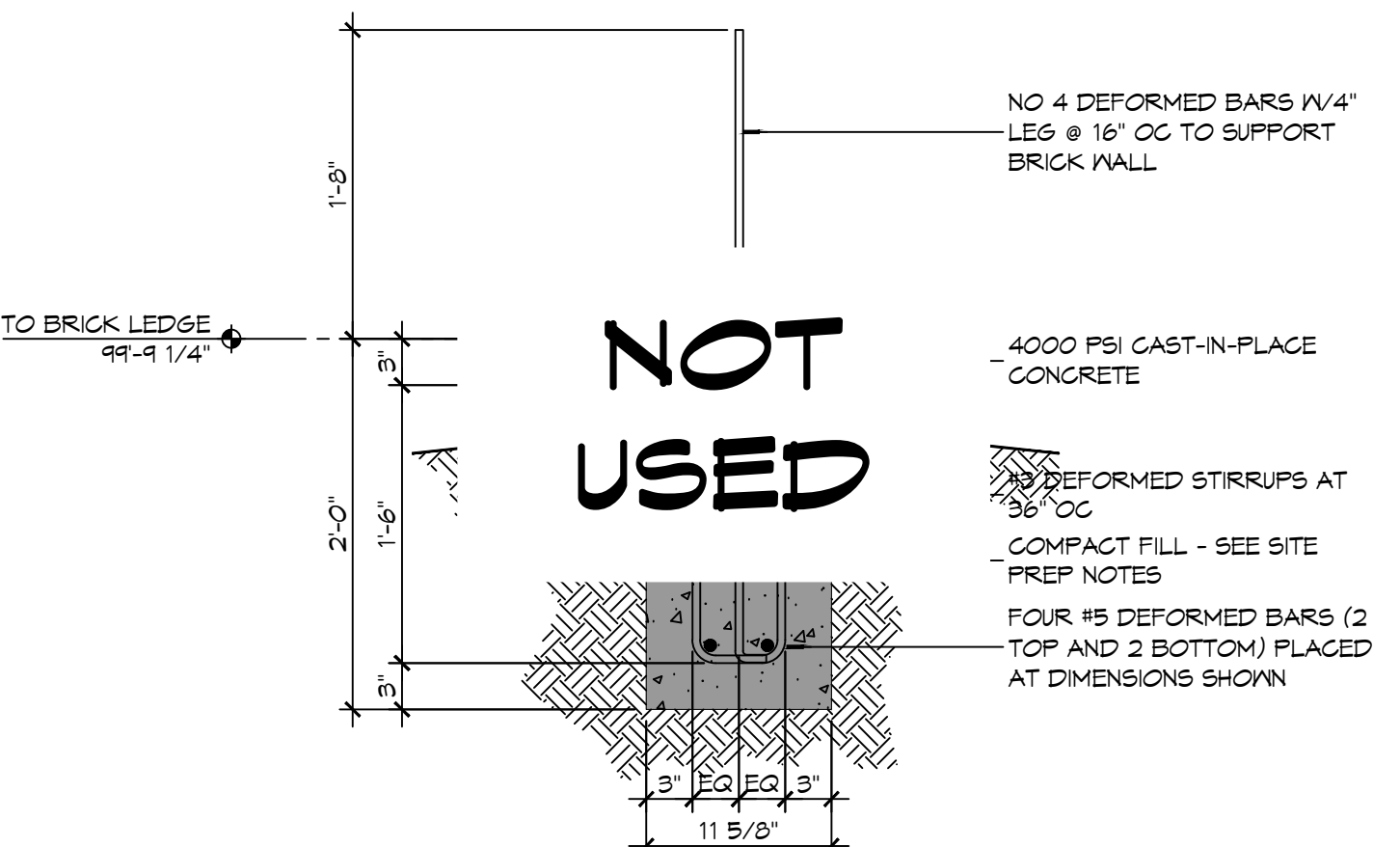


**13 FOUNDATION DETAIL**  
 55015101 SCALE: 1/2" = 1'-0"

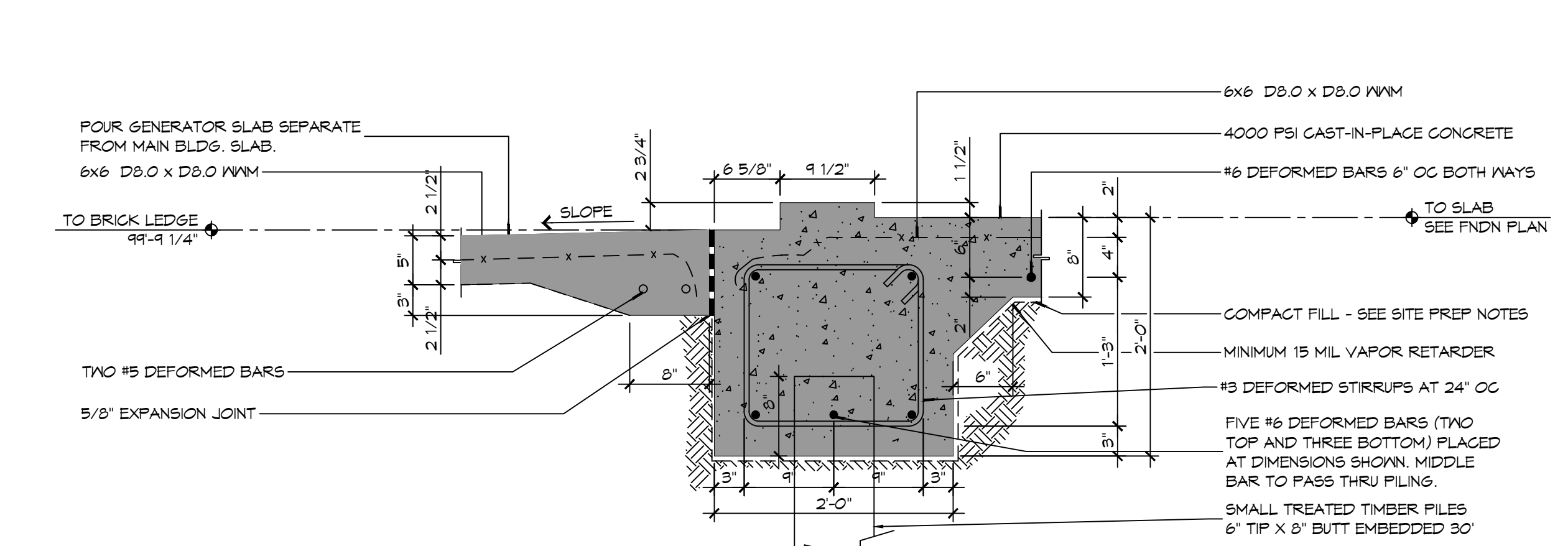


**12 FOUNDATION DETAIL**  
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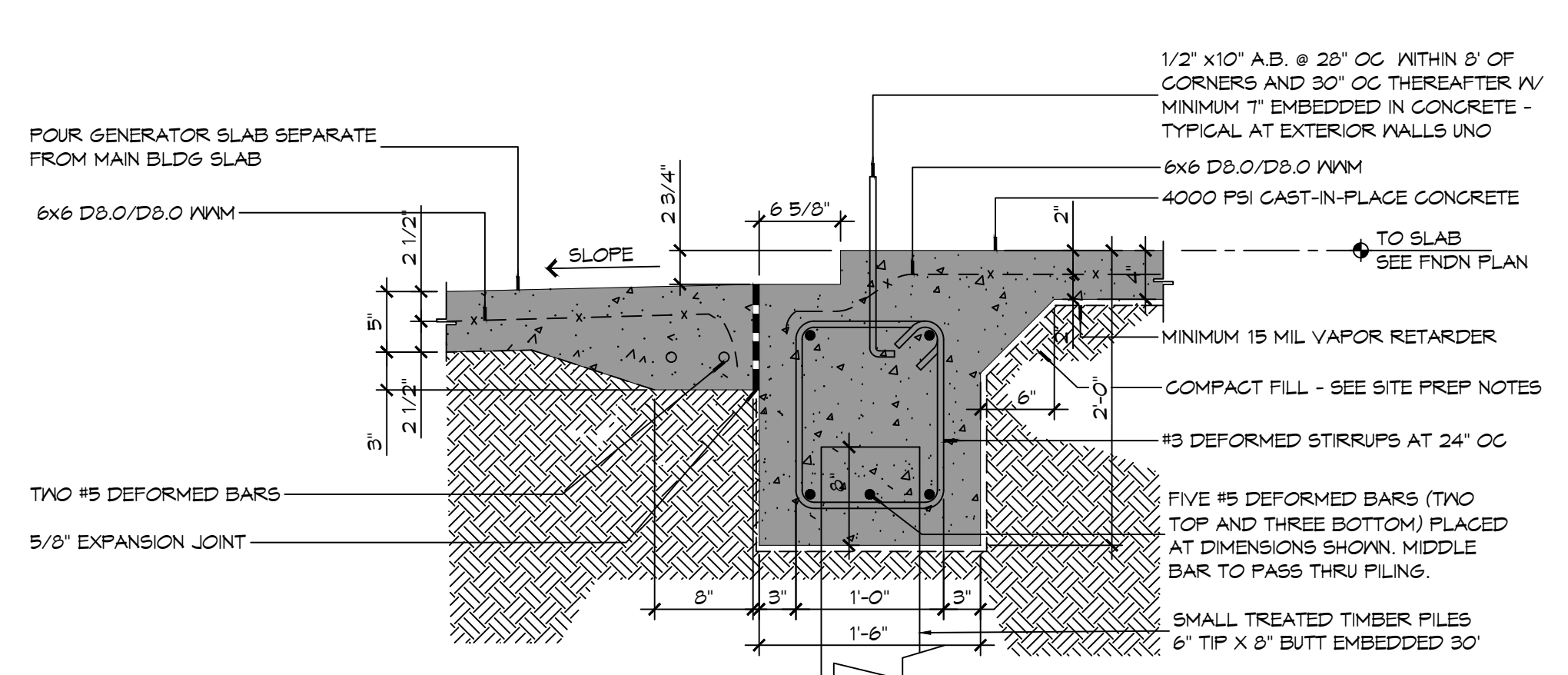
- GENERAL FOUNDATION NOTES**
1. CONCRETE REINFORCING STEEL SHALL CONFORM TO THE REQUIREMENTS OF ASTM A605, GRADE 60. REINFORCING TO BE WELDED SHALL CONFORM TO THE REQUIREMENTS OF ASTM A706, GRADE 60, UNLESS NOTED OTHERWISE.
  2. FABRICATION OF REINFORCING STEEL SHALL BE IN ACCORDANCE WITH THE DETAILS OF AC308-91, "DETAILING OF CONCRETE REINFORCEMENT".
  3. CORNER BARS SHALL BE PROVIDED AT ALL CORNERS AND INTERSECTIONS OF CONCRETE BEAMS, GRADE BEAMS, WALLS, AND STEM WALLS.
  4. UNLESS NOTED OTHERWISE, CONCRETE COVER SHALL CONFORM TO THE MINIMUMS REQUIRED BY AC308-08.
  5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE STABILITY OF THE STRUCTURE DURING CONSTRUCTION.
  6. WORK NOT INDICATED AS PART OF THE DRAWINGS BUT REASONABLY IMPLIED TO BE SIMILAR TO THAT A CORRESPONDING PLACES SHALL BE REPEATED.
  7. ALL EXCAVATIONS FOR FOOTINGS OR PILE CAPS SHALL BE MADE TO GRADES SHOWN. CONTRACTOR SHALL TAKE MEASURES TO PREVENT CAVE-IN OF THE FOOTING EXCAVATION. THESE MEASURES MAY INCLUDE CUTTING BACK THE SIDE SLOPES AND/OR THE USE OF SIDE FORMS.



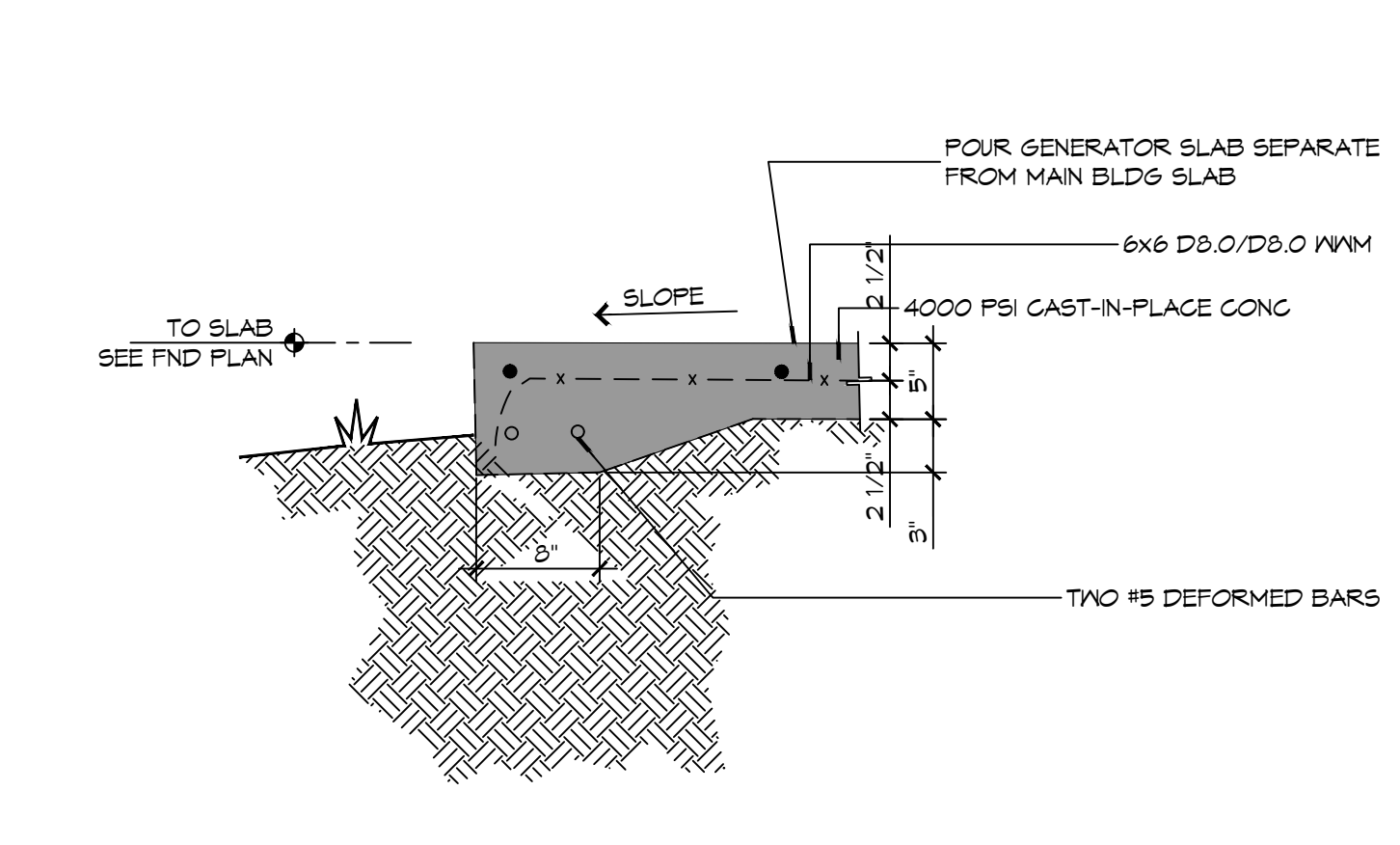
**11 FOUNDATION DETAIL**  
 55015101 SCALE: 1" = 1'-0"



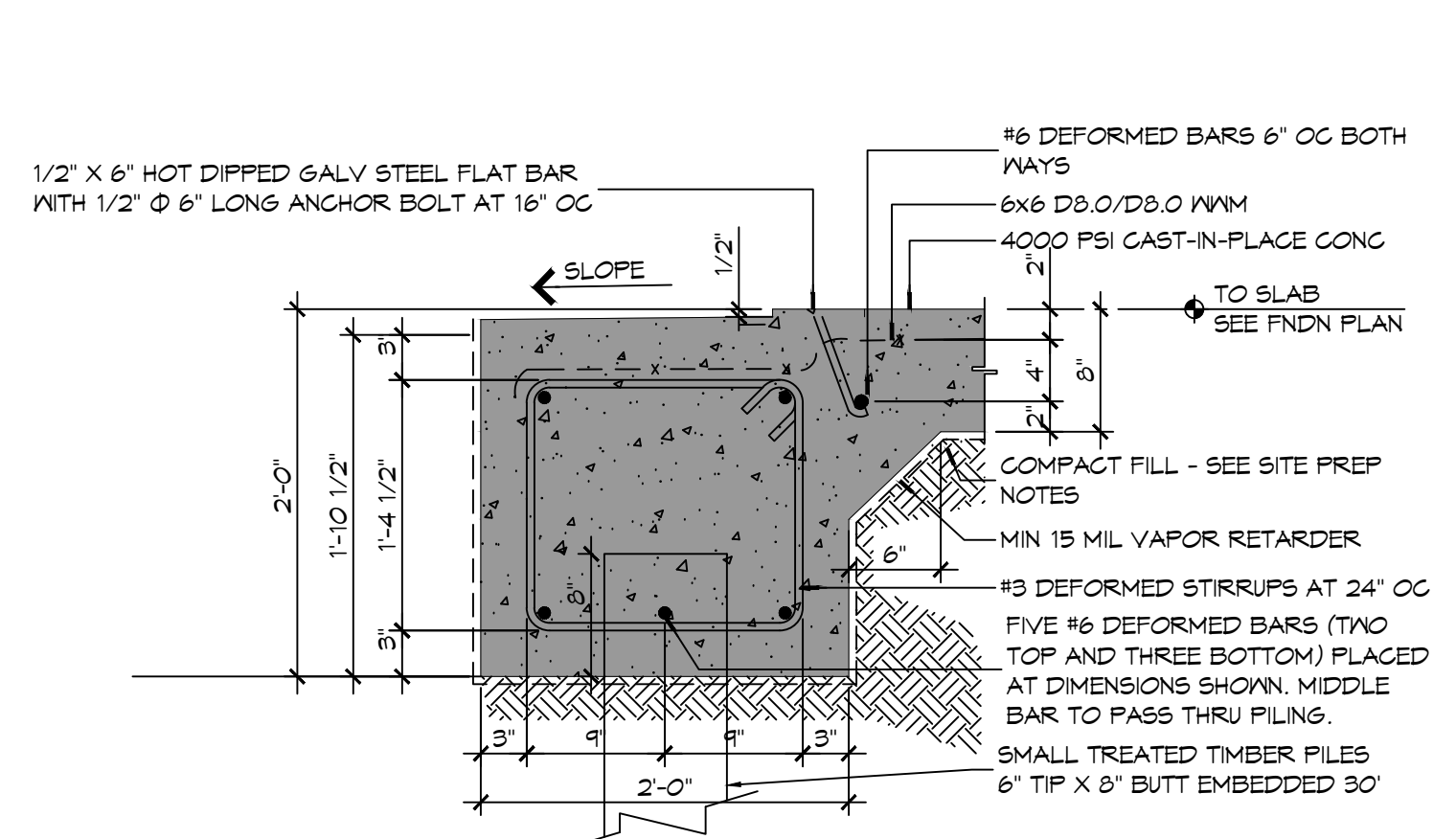
**10 FOUNDATION DETAIL**  
 55015101 SCALE: 1" = 1'-0"



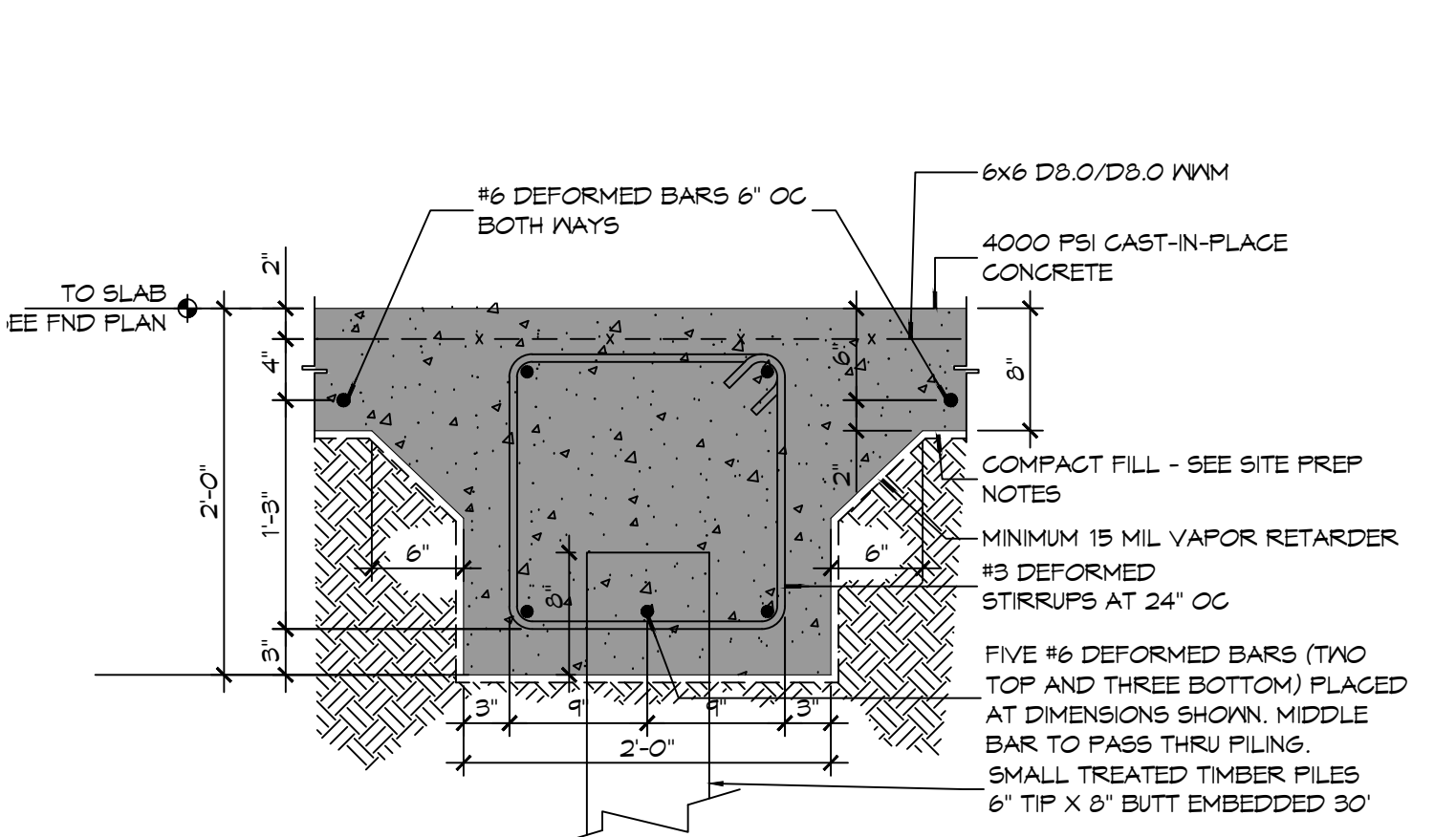
**9 FOUNDATION DETAIL**  
 55015101 SCALE: 1" = 1'-0"



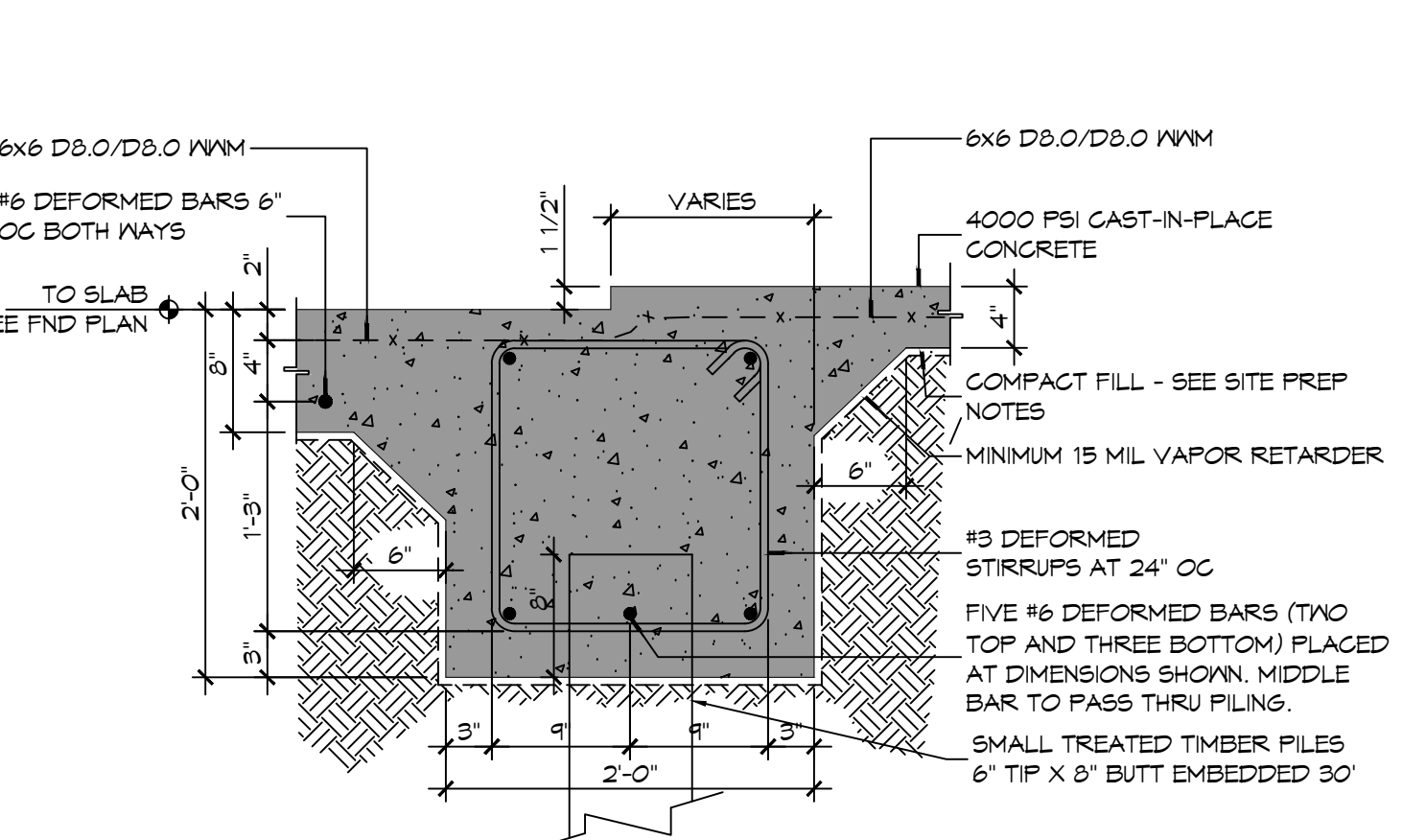
**8 FOUNDATION DETAIL**  
 55015101 SCALE: 1" = 1'-0"



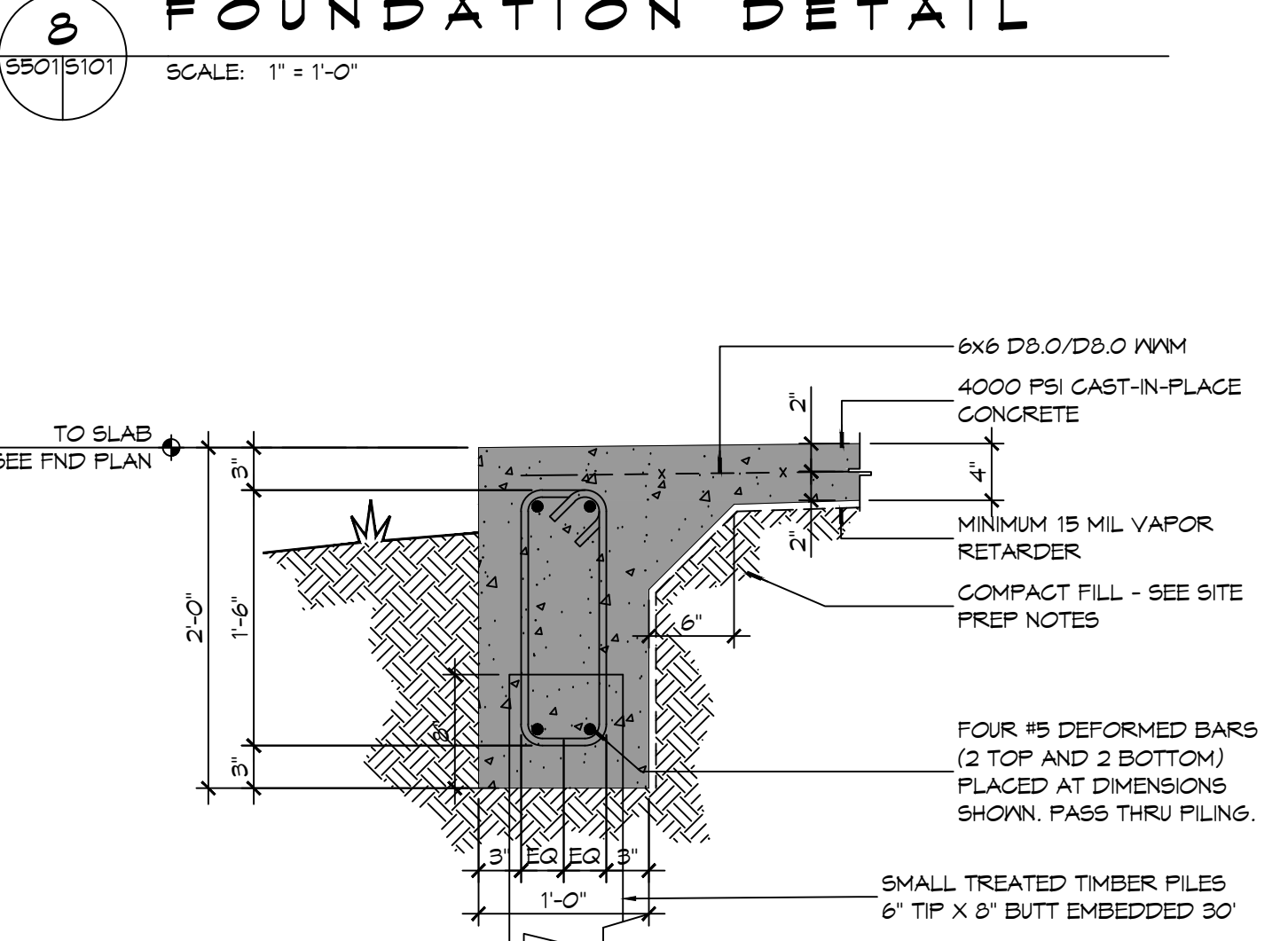
**7 FOUNDATION DETAIL**  
 55015101 SCALE: 1" = 1'-0"



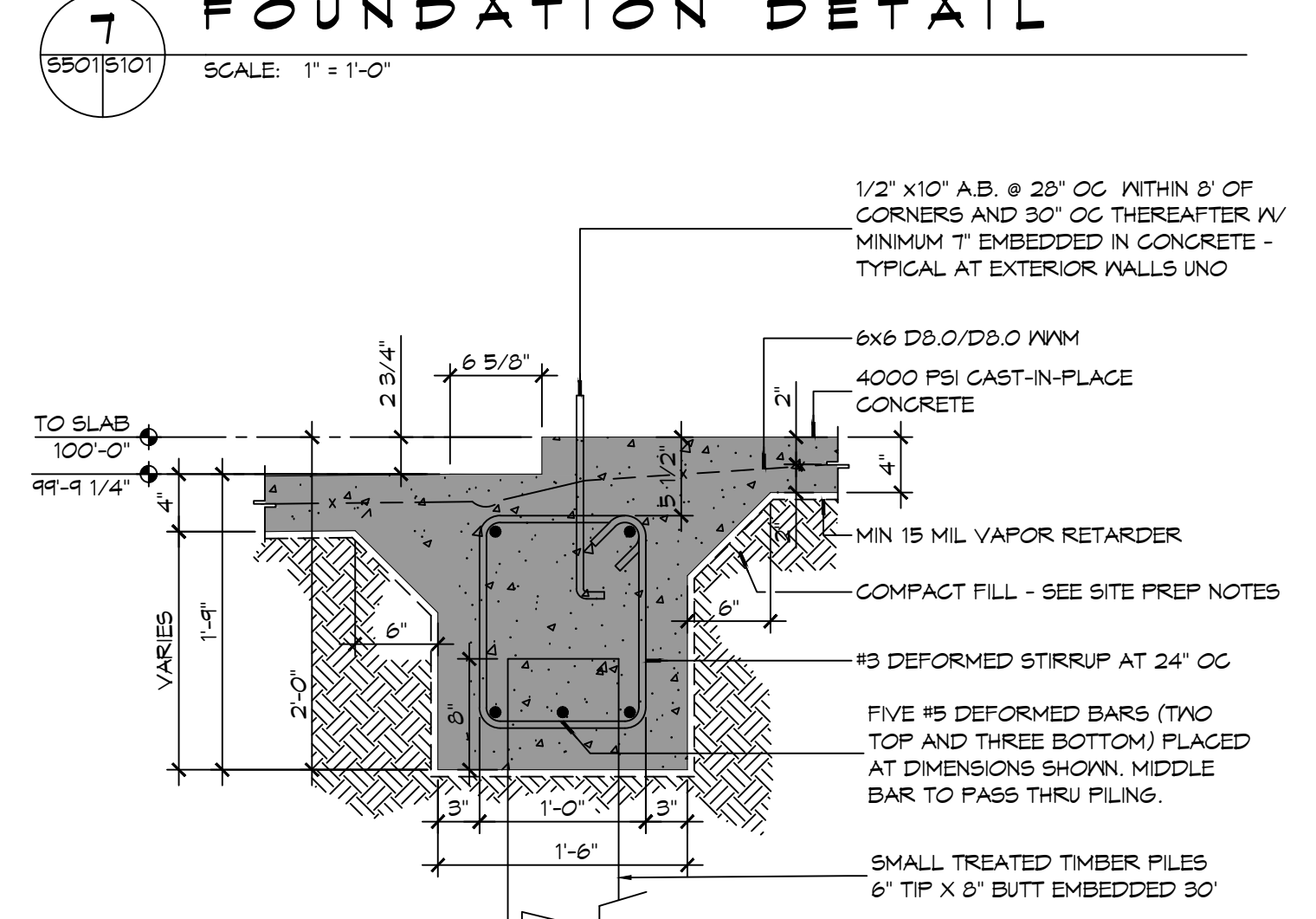
**6 FOUNDATION DETAIL**  
 55015101 SCALE: 1" = 1'-0"



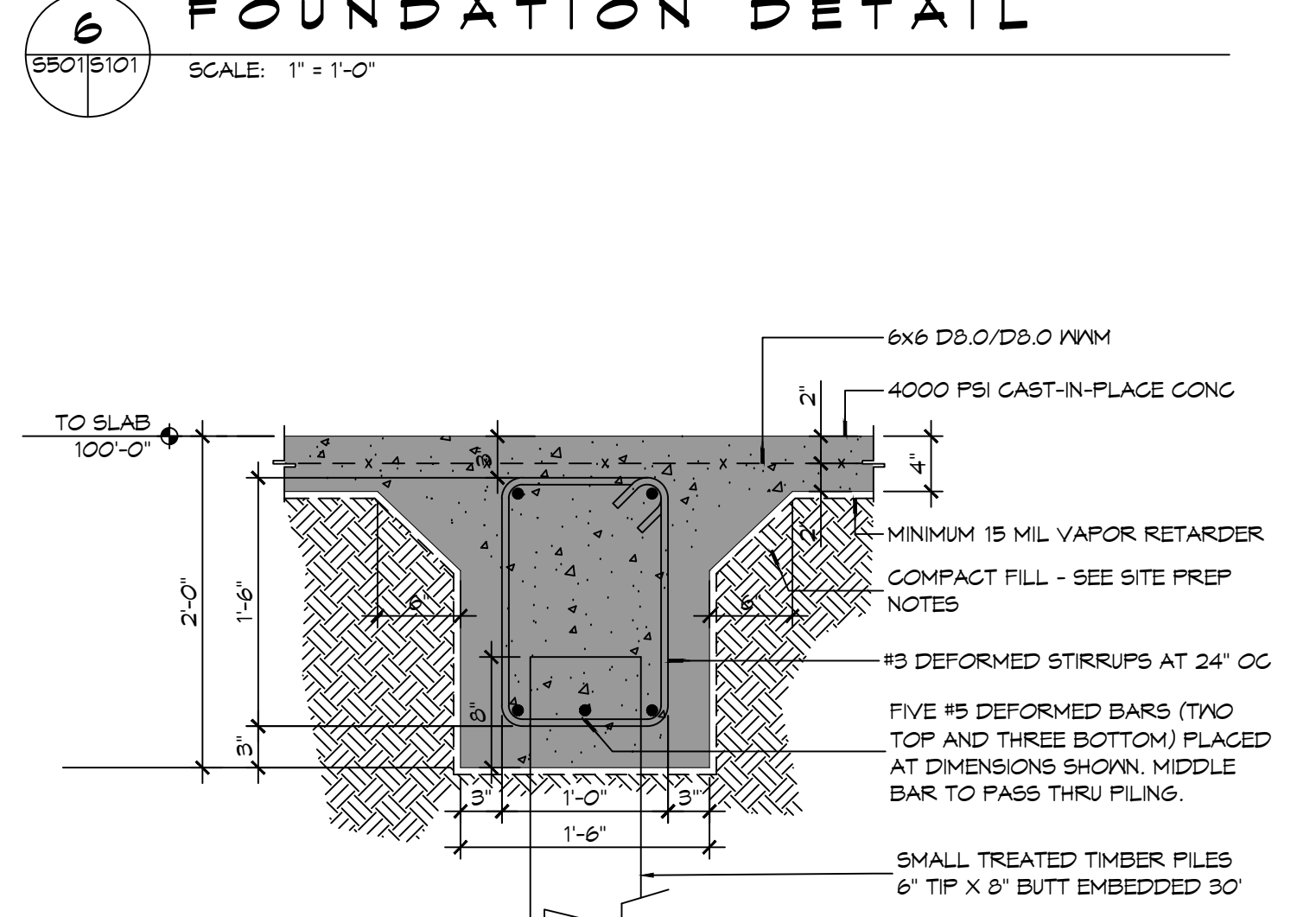
**5 FOUNDATION DETAIL**  
 55015101 SCALE: 1" = 1'-0"



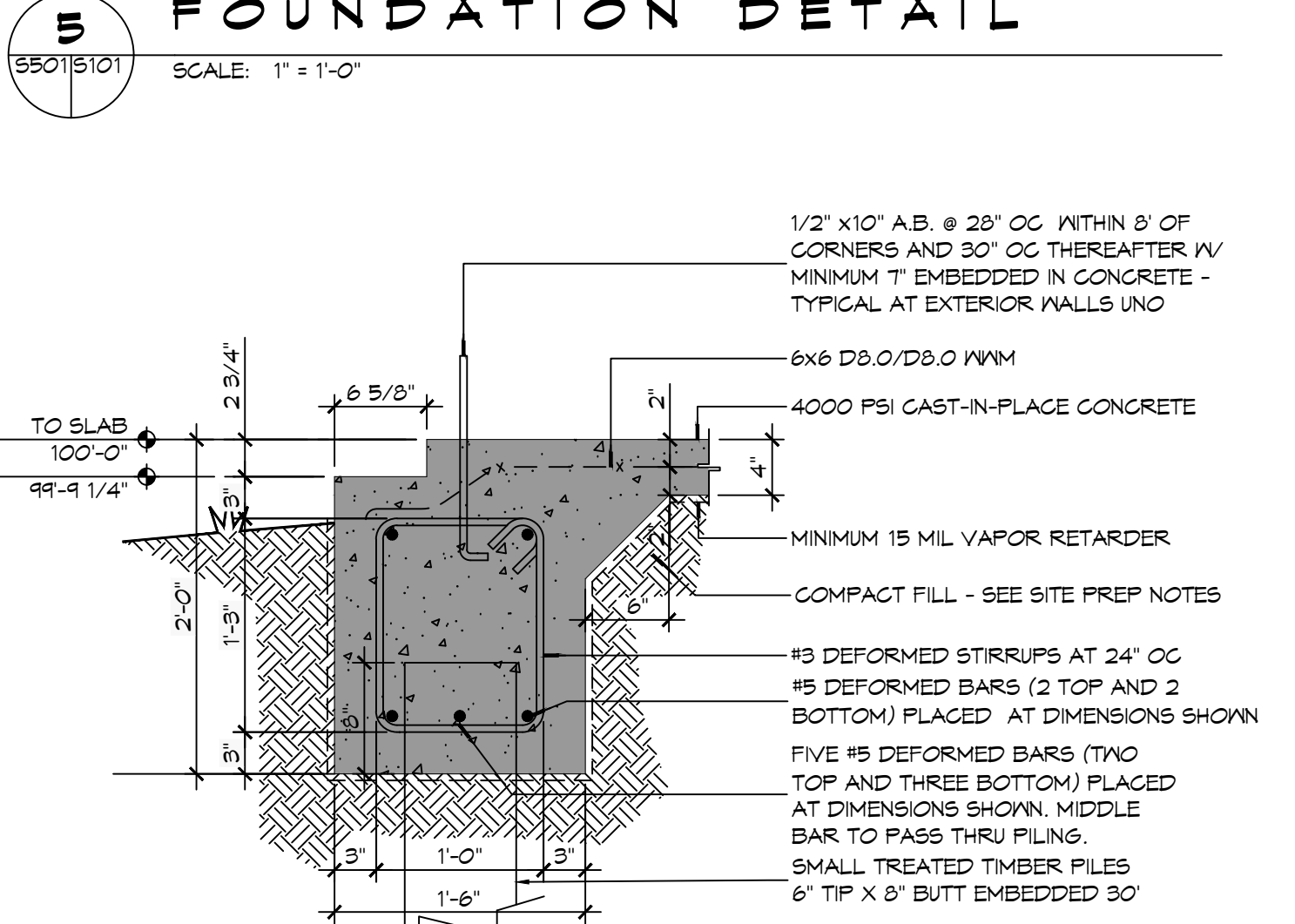
**4 FOUNDATION DETAIL**  
 55015101 SCALE: 1" = 1'-0"



**3 FOUNDATION DETAIL**  
 55015101 SCALE: 1" = 1'-0"



**2 FOUNDATION DETAIL**  
 55015101 SCALE: 1" = 1'-0"



**1 FOUNDATION DETAIL**  
 55015101 SCALE: 1" = 1'-0"

**DAMMON ENGINEERING, INC.**  
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 PH: 985.649.5832

#	DESCRIPTION	DATE



**NEW FIRE STATION #10  
 ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1**

2148 LAKESHORE VISTA BLVD  
 SLIDELL, LA 70461  
 JOB NO: 2515 DATE: 12-05-2025  
 DRAWN BY: CKD CHECKED BY: EAM

SHEET TITLE:  
 FOUNDATION DETAILS

DRAWING NUMBER:  
**5501**

SHEET No: 15 of 37





**TABLE S601.7 - UPLIFT CONNECTIONS - 140 MPH WINDS EXP "C"**  
WFCM 2021 TABLE 3.2

CONNECTION	FRAMING SPACING (INCHES)	ROOF SPAN (FEET)	UPLIFT	LATERAL	SHEAR	NUMBER OF 8d COMMON NAILS OR 10d BOX NAILS IN EACH END OF 1-1/4"x2" GAGE STRAP
ROOF ASSEMBLY TO WALL ASSEMBLY	16" OC	16	401	292	152R	4
WALL ASSEMBLY TO FOUNDATION	16" OC	16	224	219	436	4

**TABLE S601.8 - SILL OR BOTTOM PLATE TO FOUNDATION CONNECTIONS RESISTING UPLIFT LOADS - 140 MPH WIND EXP "C"**  
WFCM 2021 TABLE 3.2C

BOTTOM PLATE TO FOUNDATION ANCHOR BOLT CONNECTION RESISTING UPLIFT LOADS	FOUNDATION SUPPORTING	MAXIMUM ANCHOR BOLT SPACING (INCHES)	
		8' END ZONES	INTERIOR ZONES
UPLIFT LOADS	1 - 3 STORIES	25 INCHES ON CENTER	30 INCHES ON CENTER

NOTE: A MINIMUM OF ONE ANCHOR BOLT SHALL BE PROVIDED WITHIN 6 TO 12 INCHES OF EACH END OF EACH PLATE

**TABLE S601.9 - SILL OR BOTTOM PLATE TO FOUNDATION CONNECTIONS RESISTING SHEAR LOADS - 140 MPH WIND EXP "C"**  
WFCM 2021 TABLE 3.2B

BOTTOM PLATE TO FOUNDATION ANCHOR BOLT CONNECTION RESISTING UPLIFT LOADS	FOUNDATION SUPPORTING	MAXIMUM ANCHOR BOLT SPACING (INCHES)	
		1/2" Ø ANCHOR BOLTS	5/8" Ø ANCHOR BOLTS
UPLIFT LOADS	1 STORY	30 INCHES ON CENTER	48 INCHES ON CENTER

**TABLE S601.10 - FULL HEIGHT STUD REQUIREMENT FOR HEADERS OR WINDOW SILL PLATES IN EXTERIOR WALLS EXPOSURE "C"**  
WFCM 2021 TABLE 3.23C

HEADER SPAN (FEET)	WALL SPACING (INCHES)		
	12" O.C.	16" O.C.	24" O.C.
2	1	1	1
4	2	2	1
6	3	3	2
8	4	3	2

**TABLE S601.5 - JACK STUD REQ - INT LOADBEARING WALLS**

HEADER SUPPORTING	HEADER SPAN (FT)	ROOF SPAN (FEET)											
		12 FEET				24 FEET				36 FEET			
		3"	4.5"	5"	6.5"	3"	4.5"	5"	6.5"	3"	4.5"	5"	6"
ONE FLOOR ONLY (CENTER BEARING)	2	1	1	1	1	1	1	1	1	1	1	1	1
	4	1	1	1	1	1	1	1	1	1	1	1	1
	6	1	1	1	1	1	1	1	1	2	1	1	1
	8	1	1	1	1	2	1	1	1	2	2	2	1
	10	1	1	1	1	2	2	1	1	3	2	2	2
	12	1	1	1	1	2	2	2	1	3	2	2	2
TWO FLOORS (CENTER BEARING)	2	2	1	1	1	1	1	1	2	1	1	1	1
	4	1	1	1	1	2	1	1	3	2	2	2	2
	6	2	1	1	1	3	2	2	2	4	3	3	2
	8	2	2	1	1	3	2	2	2	5	3	3	3
	10	2	2	2	1	4	3	3	2	6	4	4	3
	12	3	2	2	2	5	3	3	3	7	5	4	4
14	3	2	2	2	6	4	4	3	8	5	5	4	
16	4	3	2	2	6	4	4	3	9	6	6	5	

**TABLE S601.6 - JACK STUD REQ - EXTERIOR LOADBEARING WALLS**  
WFCM 2021 TABLE 3.22F

	ROOF LIVE LOAD 20 PSF	ROOF LIVE LOAD 30 PSF								
		3"				4.5"				
		3"	4.5"	5"	6.5"	3"	4.5"	5"	6.5"	
ROOF AND CEILING	2	1	1	1	1	1	1	1	1	1
	4	1	1	1	1	1	1	1	1	1
	6	2	1	1	1	2	1	1	1	1
	8	2	2	2	1	2	2	2	1	1
	10	3	2	2	2	3	2	2	2	2
	12	3	2	2	2	3	2	2	2	2
ROOF, CEILING, AND ONE CENTER BEARING FLOOR	2	1	1	1	1	1	1	1	1	1
	4	2	1	1	1	2	1	1	1	1
	6	2	2	2	1	3	2	2	2	2
	8	3	2	2	2	3	2	2	2	2
	10	4	3	2	2	4	3	3	2	2
	12	4	3	3	2	5	3	3	3	3
14	5	4	3	3	5	4	3	3	3	
16	6	4	4	3	6	4	4	3	3	

**TABLE S601.2 - WALL SHEATHING OR CLADDING REQUIREMENT - WIND LOAD EXP "C"**

SHEATHING LOCATION	STUD SPACING	MAX NAIL SPACING FOR 8d COMMON NAILS OR 10d BOX NAILS (INCHES OC)	
		E	F
INTERIOR ZONE	12" OC	6	12
	16" OC	6	12
	24" OC	6	6
PERIMETER EDGE ZONE	12" OC	6	12
	16" OC	6	6
	24" OC	6	6

140 MPH WIND - EXPOSURE "C" TYPICAL  
E = NAIL SPACING AT PANEL EDGES, INCHES.  
F = NAIL SPACING AT INTERMEDIATE SUPPORTS IN THE PANEL FIELD, INCHES.

**TABLE S601.3 - NAILING SCHEDULE**  
WFCM 2001 TABLE 3.1

DESCRIPTION	NUMBER OF COMMON NAILS	NUMBER OF BOX NAILS	SPACING
HEADER TO HEADER (FACE NAILED)	16d	16d	16" OC EDGES

**TABLE S601.4 - BUILDING ENVELOPE REQUIREMENTS**

OPAQUE ELEMENTS	ASSEMBLY MAXIMUM	INSULATION MIN. R-VALUE
ROOFS	INSULATION ENTIRELY ABOVE DECK	U-0.040 R-20.0 c.i.
	METAL BUILDING ATTIC AND OTHER	U-0.065 R-19
	MASS	U-0.027 R-30
WALLS, ABOVE GRADE	METAL BUILDING STEEL-FRAMED	U-0.113 R-13.0
	WOOD-FRAMED AND OTHER	U-0.124 R-13.0
	MASS	U-0.089 R-13.0
FLOORS	STEEL JOIST	U-0.107 R-6.3 c.i.
	WOOD FRAMED AND OTHER	U-0.052 R-19.0
SLAB-ON-GRADE	UN-HEATED	F-0.730 NR
OPAQUE DOORS	SWINGING	U-0.700 NR
	NON-SWINGING	U-1.450 NR

**ROOF UNDERLAYMENT NOTES**

- FOR ROOF SLOPES FROM TWO UNITS VERTICAL IN 12 UNITS HORIZONTAL (17-PERCENT SLOPE), UP TO FOUR UNITS VERTICAL IN 12 UNITS HORIZONTAL (33-PERCENT SLOPE), UNDERLAYMENT SHALL BE TWO LAYERS APPLIED IN THE FOLLOWING MANNER:
  - APPLY A 14 INCH STRIP OF UNDERLAYMENT FELT PARALLEL WITH AND STARTING AT THE EAVES, FASTENED SUFFICIENTLY TO HOLD IN PLACE. STARTING AT THE EAVE, APPLY 36 INCH WIDE SHEETS OF UNDERLAYMENT, OVERLAPPING SUCCESSIVE SHEETS 14 INCHES, AND FASTENED SUFFICIENTLY TO HOLD IN PLACE.
- FOR ROOF SLOPES OF FOUR UNITS VERTICAL IN 12 UNITS HORIZONTAL (33-PERCENT SLOPE) OR GREATER, UNDERLAYMENT SHALL BE ONE LAYER APPLIED IN THE FOLLOWING MANNER:
  - UNDERLAYMENT SHALL BE APPLIED SHINGLE FASHION, PARALLEL TO AND STARTING FROM THE EAVE AND LAPPED 2 INCHES, FASTENED SUFFICIENTLY TO HOLD IN PLACE. END LAPS SHALL BE OFFSET BY 6 FEET.

**SHINGLE APPLICATION & FASTENING NOTES**

- ASPHALT STRIP SHINGLES SHALL HAVE A MINIMUM OF SIX FASTENERS PER SHINGLE WHERE THE ROOF IS IN ONE OF THE FOLLOWING CATEGORIES:
  - THE BASIC WIND SPEED IS 110 MPH OR GREATER AND THE EAVE IS 20 FEET OR HIGHER ABOVE GRADE.
  - THE BASIC WIND SPEED IS 120 MPH OR GREATER.
  - SPECIAL WIND ZONES.


**DESIGN CRITERIA**

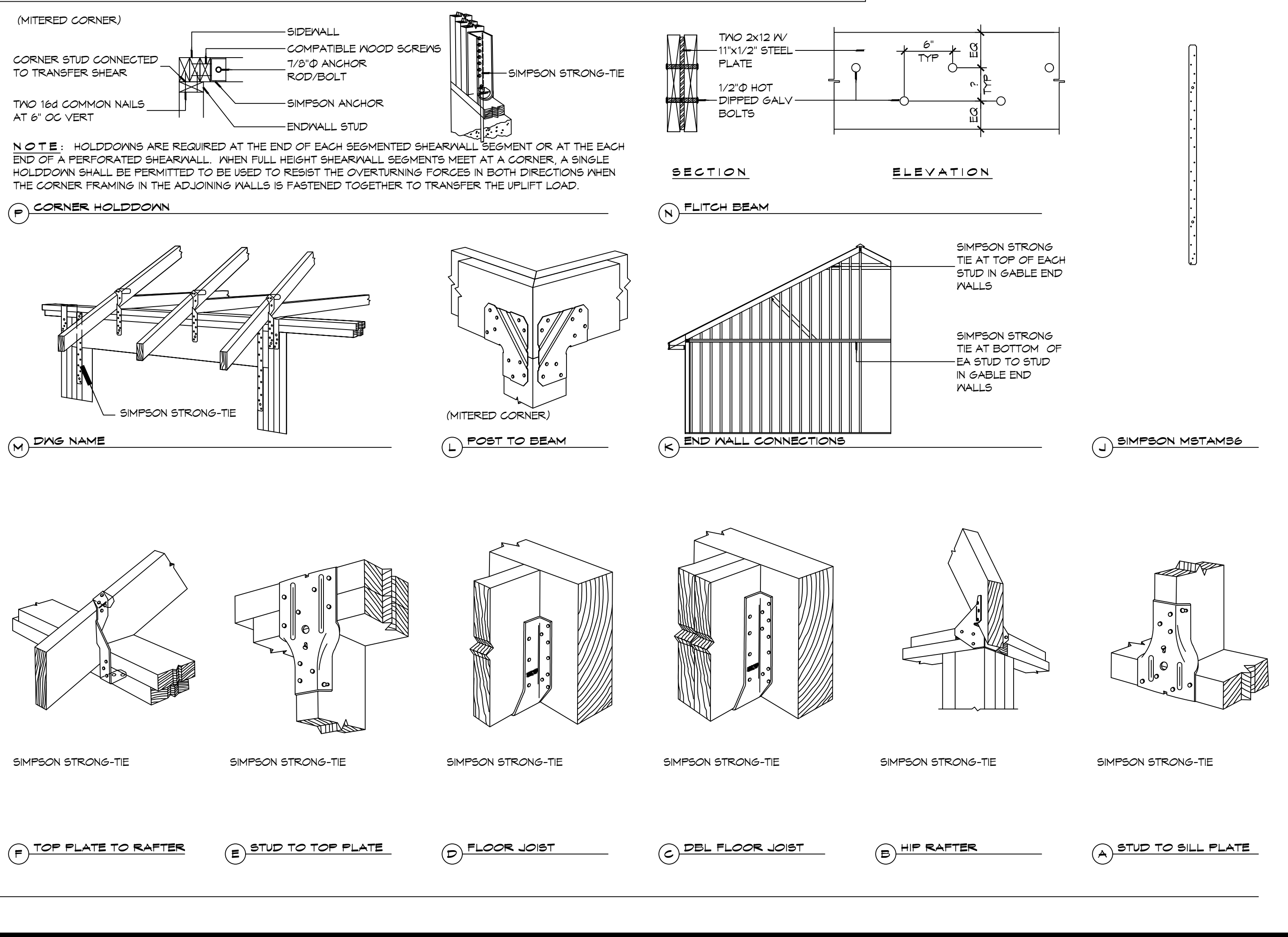
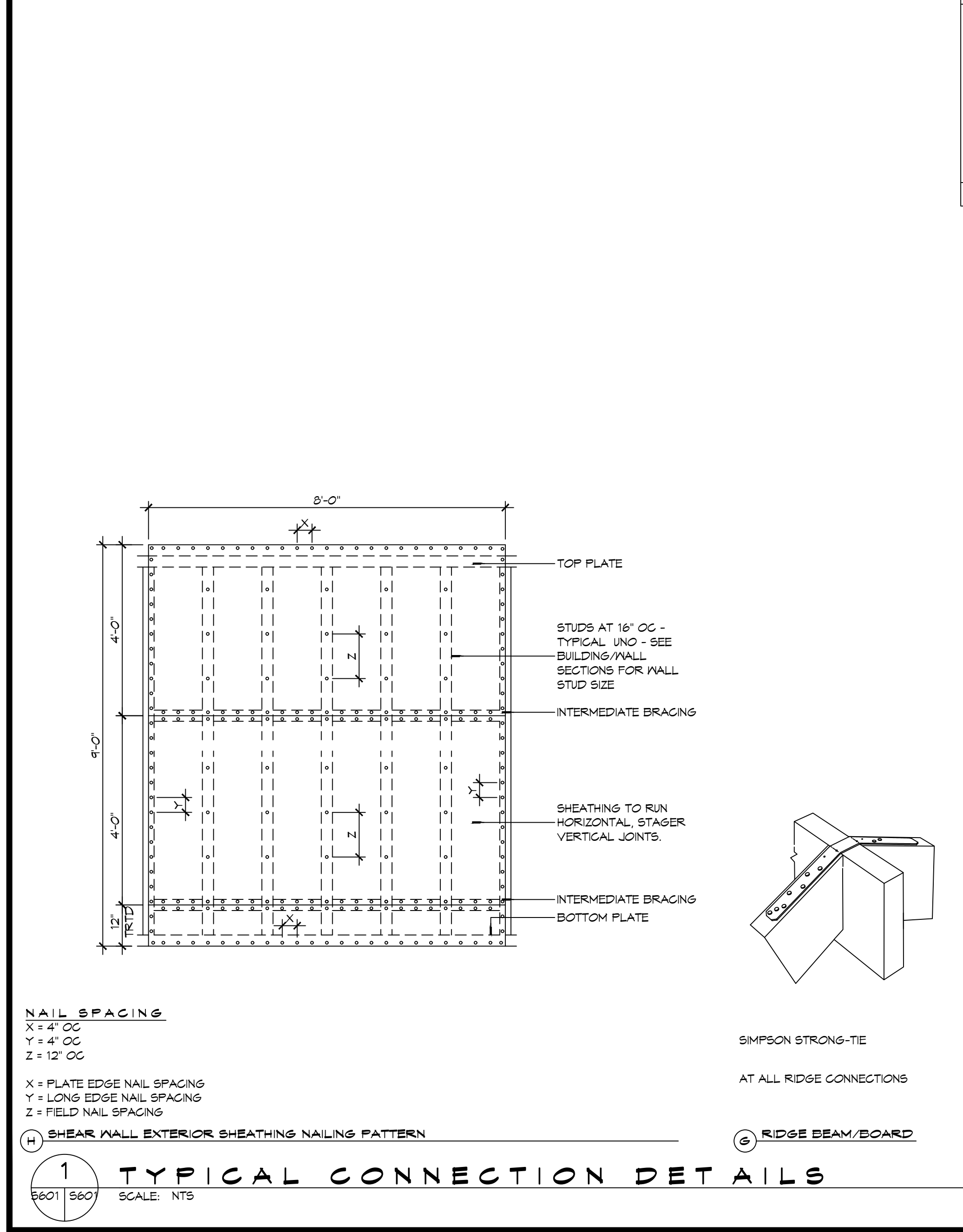
THE CONSTRUCTION FOR SAID RESIDENCE, WHERE BASIC WIND SPEED IS 140 MILES PER HOUR, WIND EXPOSURE ZONE C, IS DESIGNED IN ACCORDANCE WITH AMERICAN FOREST AND PAPER ASSOCIATION (AF&PA) WOOD FRAME CONSTRUCTION MANUAL FOR ONE AND TWO FAMILY DWELLINGS (WFCM) 2001 EDITION AS WELL AS THE INTERNATIONAL RESIDENTIAL CODE (IRC) 2021 EDITION

**DAMMON ENGINEERING, INC.**  
LOUISIANA & MISSISSIPPI

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www.dammonengineering.com  
info@dammonengineering.com  
PH: 985-649-5832

#	DESCRIPTION	DATE

SEAL: 



**GENERAL UPLIFT CONNECTION NOTES**

**ROOF ASSEMBLY TO WALL ASSEMBLY:**  
UPLIFT CONNECTIONS SHALL BE FROM RAFTER OR TRUSS TO WALL STUD. WHEN RAFTERS OR TRUSSES ARE NOT LOCATED DIRECTLY ABOVE STUDS, RAFTERS SHALL BE ATTACHED TO THE WALL PLATE AND THE WALL TOP PLATE SHALL BE ATTACHED TO THE WALL STUD WITH UPLIFT CONNECTIONS. UPLIFT CONNECTIONS SHALL BE IN ACCORDANCE WITH TABLE S601.10.

**WALL ASSEMBLY TO WALL ASSEMBLY:**  
STORY TO STORY UPLIFT CONNECTIONS FROM UPPER STORY WALL STUD TO LOWER STORY WALL STUD. WHEN UPPER STORY WALL STUDS ARE NOT LOCATED DIRECTLY ABOVE LOWER WALL STUDS, THE STUDS SHALL BE ATTACHED TO A COMMON MEMBER IN THE FLOOR ASSEMBLY BY UPLIFT CONNECTIONS. UPLIFT CONNECTIONS SHALL BE IN ACCORDANCE WITH TABLE S601.11.

**WALL ASSEMBLY TO FOUNDATION:**  
FIRST FLOOR WALL STUDS SHALL BE CONNECTED TO THE FOUNDATION, SILL PLATE, OR BOTTOM PLATE. A MINIMUM OF A 1-1/4" x 20 GA. ASTM A653 GRADE 33 STEEL STRAP SHALL BE NAILED TO THE WALL STUDS AND HAVE A MINIMUM EMBEDMENT OF 7 INCHES IN CONCRETE FOUNDATIONS AND SLABS-ON-GRADE, 15 INCHES IN MASONRY BLOCK FOUNDATIONS, OR BE LAPPED UNDER THE BOTTOM PLATE. 3 INCH SQUARE WASHERS SHALL BE USED ON THE ANCHOR BOLTS AND ANCHOR BOLT SPACINGS SHALL NOT EXCEED THE REQUIREMENTS. STEEL STRAPS EMBEDDED IN OR IN CONTACT WITH SLAB-ON-GRADE OR MASONRY BLOCK FOUNDATIONS SHALL BE HOT-DIPPED GALV. AFTER FABRICATION, OR MANUF. FROM G105 OR Z450 GALV. STL. CONNECTIONS SHALL BE IN ACCORDANCE WITH TABLE S601.12.

**TABLE S601.1 - ROOF SHEATHING OR CLADDING REQUIREMENT - WIND LOAD EXP "C"**

SHEATHING LOCATION	RAFTER / TRUSS SPACING	MAX NAIL SPACING FOR 8d COMMON NAILS OR 10d BOX NAILS (INCHES OC)	
		E	F
INTERIOR ZONE	12" OC	6	12
	16" OC	6	12
	24" OC	6	6
PERIMETER EDGE ZONE	12" OC	6	6
	16" OC	4	4
	24" OC	3	3

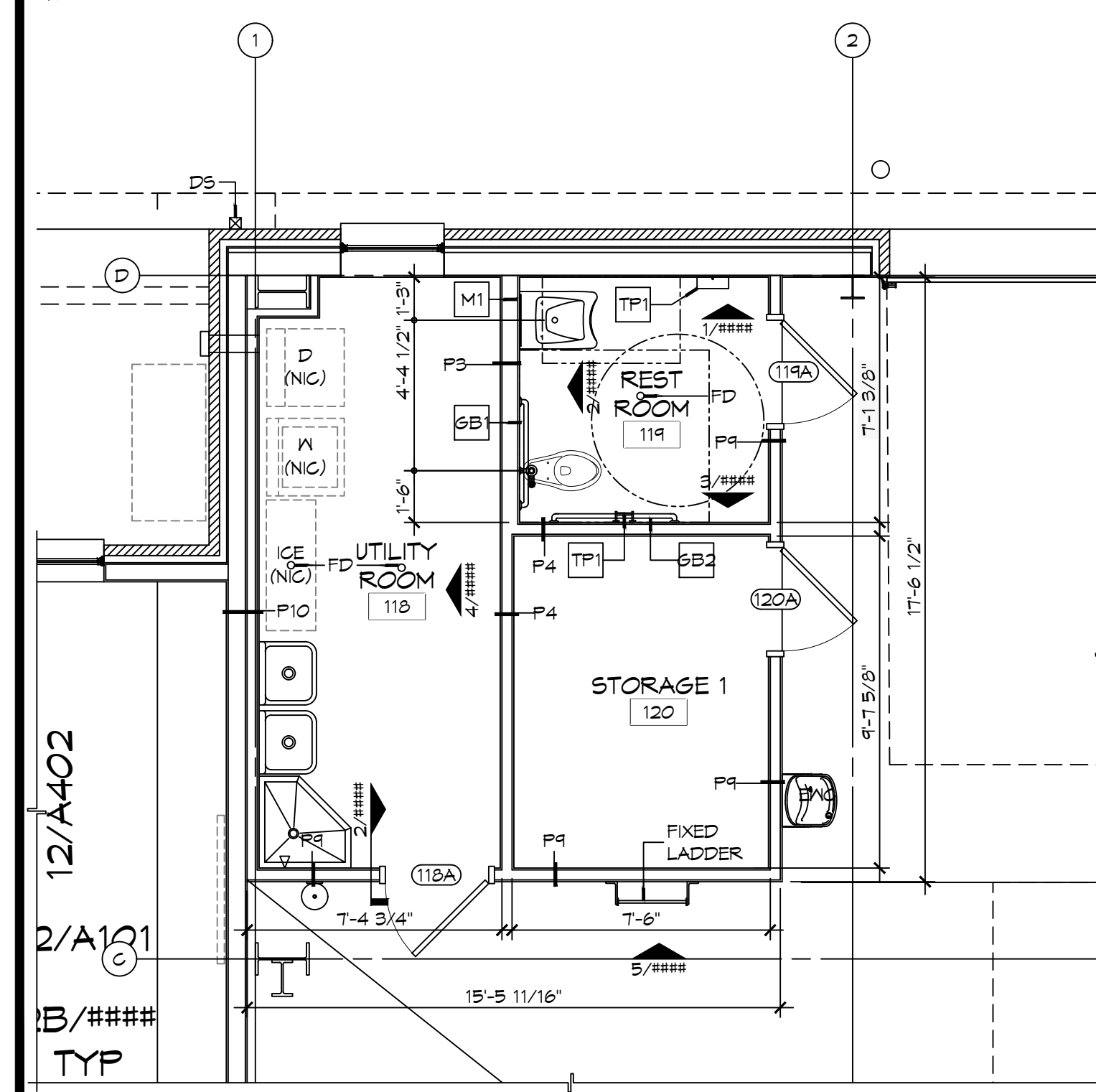
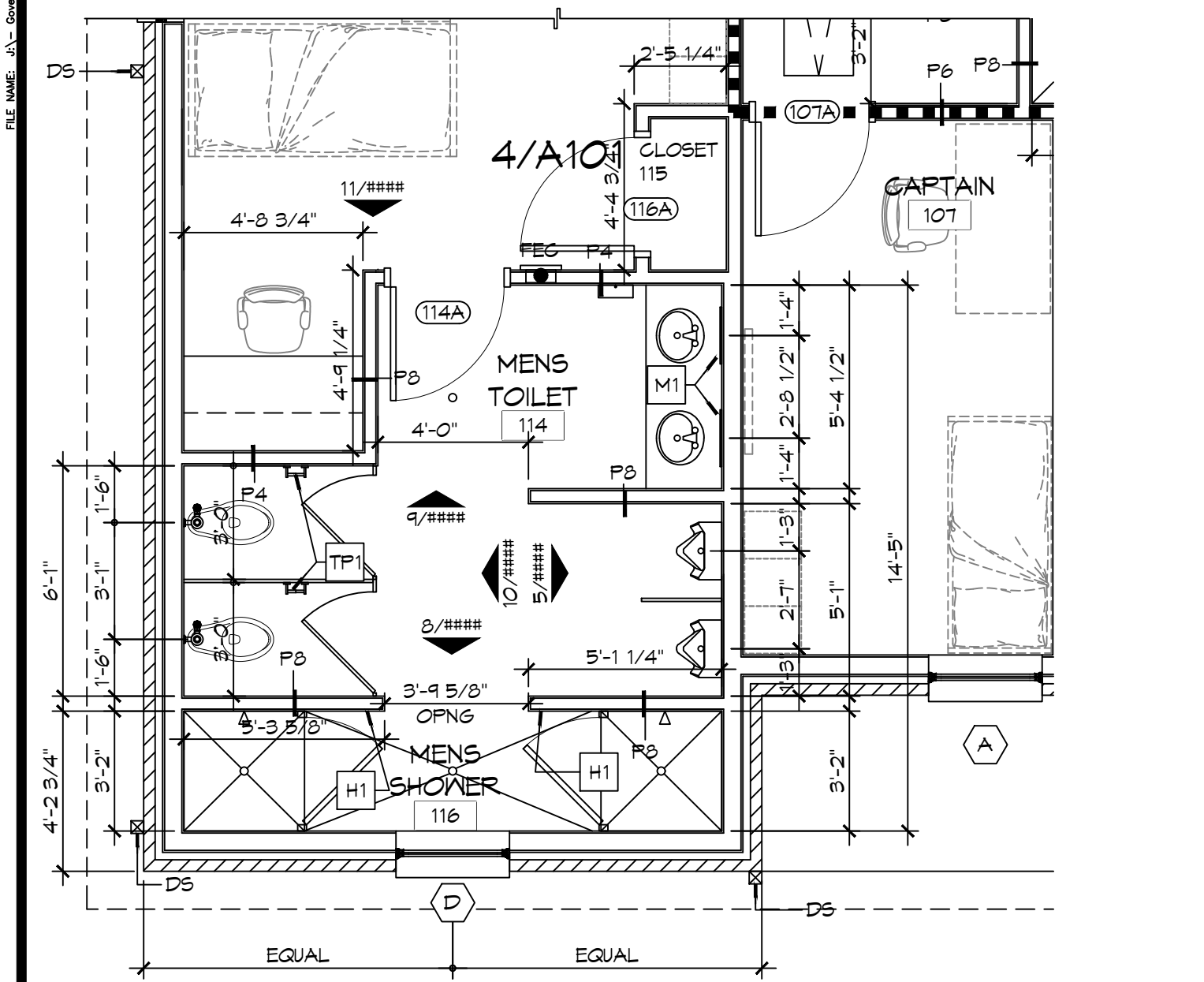
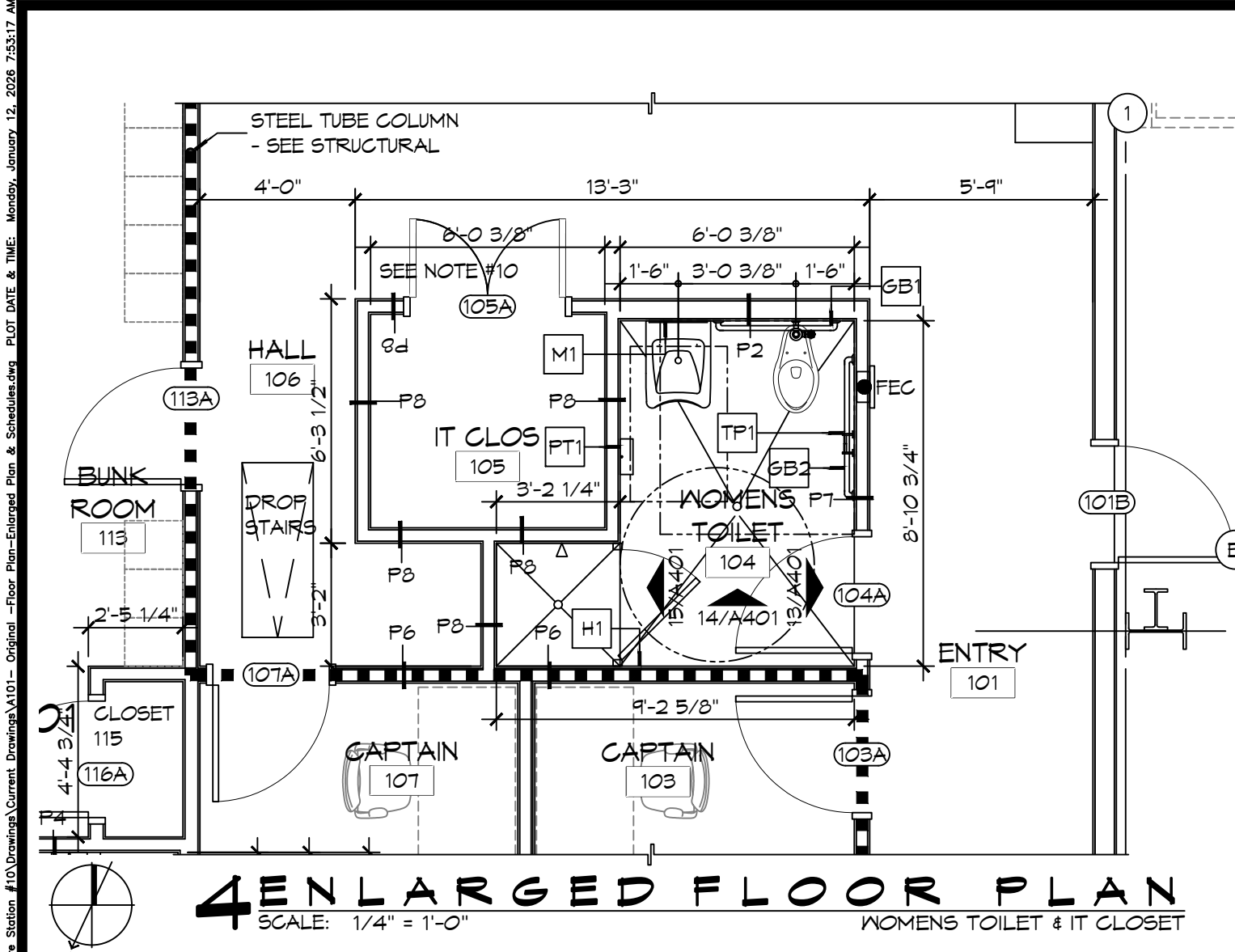
140 MPH WIND - EXPOSURE "C" TYPICAL  
E = NAIL SPACING AT PANEL EDGES, INCHES.  
F = NAIL SPACING AT INTERMEDIATE SUPPORTS IN THE PANEL FIELD, INCHES.

NEW FIRE STATION #10  
ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1

2148 LAKESHORE VISTA BLVD  
SLIDELL, LA 70461  
JOB NO: 2519  
DATE: 12-05-2025  
DRAWN BY: CKD  
CHECKED BY: BAK

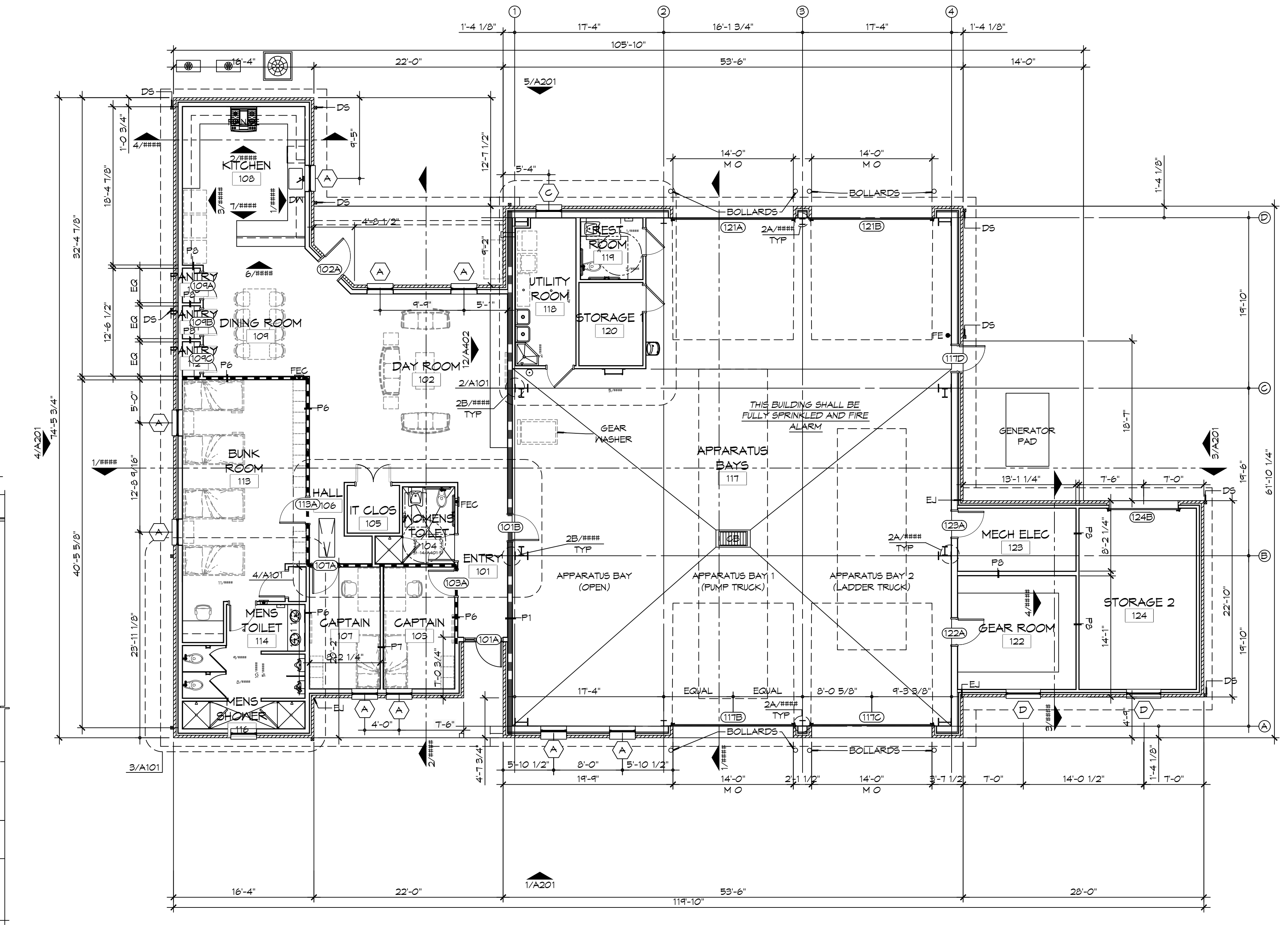
SHEET TITLE: TYPICAL CONNECTION DETAILS, SCHEDULES, AND NOTES  
DRAWING NUMBER: **S601**

SHEET No: 17 of 37



### FINISH SCHEDULE

ROOM	RM #	FLOOR	BASE	WALLS				CEILING	NOTES
				NORTH	EAST	SOUTH	WEST		
ENTRY	101	CERAMIC TILE	5" RUBBER	5/8" GNB	5/8" GNB	5/8" GNB	5/8" GNB	5/8" GNB	36" X 6" CERAMIC TILE SD15 DALTILE, GROUT 66 CHESTNUT, 5" RUBBER BASE 170 PEXTER
DAY ROOM	102	CERAMIC TILE	5" RUBBER	5/8" GNB	5/8" GNB	5/8" GNB	5/8" GNB	5/8" GNB	36" X 6" CERAMIC TILE SD15 DALTILE, GROUT 66 CHESTNUT, 5" RUBBER BASE 170 PEXTER
CAPTAIN	103	CERAMIC TILE	5" RUBBER	5/8" GNB	5/8" GNB	5/8" GNB	5/8" GNB	5/8" GNB	36" X 6" CERAMIC TILE SD15 DALTILE, GROUT 66 CHESTNUT, 5" RUBBER BASE 170 PEXTER
WOMENS TOILET	104	CERAMIC TILE	5" RUBBER	5/8" MR GNB	5/8" MR GNB	5/8" MR GNB	5/8" MR GNB	5/8" MR GNB	36" X 6" CERAMIC TILE SD15 DALTILE, GROUT 66 CHESTNUT, 5" RUBBER BASE 170 PEXTER
IT CLOSET	105	CERAMIC TILE	5" RUBBER	5/8" GNB	5/8" GNB	5/8" GNB	5/8" GNB	5/8" GNB	36" X 6" CERAMIC TILE SD15 DALTILE, GROUT 66 CHESTNUT, 5" RUBBER BASE 170 PEXTER
HALL	106	CERAMIC TILE	5" RUBBER	5/8" GNB	5/8" GNB	5/8" GNB	5/8" GNB	5/8" GNB	36" X 6" CERAMIC TILE SD15 DALTILE, GROUT 66 CHESTNUT, 5" RUBBER BASE 170 PEXTER
CAPTAIN	107	CERAMIC TILE	5" RUBBER	5/8" GNB	5/8" GNB	5/8" GNB	5/8" GNB	5/8" GNB	36" X 6" CERAMIC TILE SD15 DALTILE, GROUT 66 CHESTNUT, 5" RUBBER BASE 170 PEXTER
KITCHEN	108	CERAMIC TILE	5" RUBBER	5/8" GNB	5/8" GNB	5/8" GNB	5/8" GNB	5/8" GNB	36" X 6" CERAMIC TILE SD15 DALTILE, GROUT 66 CHESTNUT, 5" RUBBER BASE 170 PEXTER
DINING ROOM	109	CERAMIC TILE	5" RUBBER	5/8" GNB	5/8" GNB	5/8" GNB	5/8" GNB	5/8" GNB	36" X 6" CERAMIC TILE SD15 DALTILE, GROUT 66 CHESTNUT, 5" RUBBER BASE 170 PEXTER
PANTRY	110	CERAMIC TILE	5" RUBBER	5/8" GNB	5/8" GNB	5/8" GNB	5/8" GNB	5/8" GNB	36" X 6" CERAMIC TILE SD15 DALTILE, GROUT 66 CHESTNUT, 5" RUBBER BASE 170 PEXTER
PANTRY	111	CERAMIC TILE	5" RUBBER	5/8" GNB	5/8" GNB	5/8" GNB	5/8" GNB	5/8" GNB	36" X 6" CERAMIC TILE SD15 DALTILE, GROUT 66 CHESTNUT, 5" RUBBER BASE 170 PEXTER
PANTRY	112	CERAMIC TILE	5" RUBBER	5/8" GNB	5/8" GNB	5/8" GNB	5/8" GNB	5/8" GNB	36" X 6" CERAMIC TILE SD15 DALTILE, GROUT 66 CHESTNUT, 5" RUBBER BASE 170 PEXTER
BUNK ROOM	113	CERAMIC TILE	5" RUBBER	5/8" GNB	5/8" GNB	5/8" GNB	5/8" GNB	5/8" GNB	36" X 6" CERAMIC TILE SD15 DALTILE, GROUT 66 CHESTNUT, 5" RUBBER BASE 170 PEXTER
MENS TOILET	114	CERAMIC TILE	5" RUBBER	5/8" MR GNB	5/8" MR GNB	5/8" MR GNB	5/8" MR GNB	5/8" MR GNB	36" X 6" CERAMIC TILE SD15 DALTILE, GROUT 66 CHESTNUT, 5" RUBBER BASE 170 PEXTER
CLOSET	115	CERAMIC TILE	5" RUBBER	5/8" MR GNB	5/8" MR GNB	5/8" MR GNB	5/8" MR GNB	5/8" MR GNB	36" X 6" CERAMIC TILE SD15 DALTILE, GROUT 66 CHESTNUT, 5" RUBBER BASE 170 PEXTER
MENS SHOWER	116	CERAMIC TILE	5" RUBBER	5/8" MR GNB	5/8" MR GNB	5/8" MR GNB	5/8" MR GNB	5/8" MR GNB	36" X 6" CERAMIC TILE SD15 DALTILE, GROUT 66 CHESTNUT, 5" RUBBER BASE 170 PEXTER
APPARATUS BAYS	117	EPOXY, GREY	6" CEMENTITIOUS	MTL LINER PANEL	MTL LINER PANEL	MTL LINER PANEL	MTL LINER PANEL	MTL LINER PANEL	
UTILITY ROOM	118	EPOXY, GREY	5" RUBBER	5/8" MR GNB	5/8" MR GNB	5/8" MR GNB	5/8" MR GNB	5/8" MR GNB	5" RUBBER BASE 170 PEXTER
RESTROOM	119	EPOXY, GREY	TILE	5/8" MR GNB	5/8" MR GNB	5/8" MR GNB	5/8" MR GNB	5/8" MR GNB	
STORAGE 1	120	SEALED CONC	5" RUBBER	5/8" MR GNB	5/8" MR GNB	5/8" MR GNB	5/8" MR GNB	5/8" MR GNB	5" RUBBER BASE 170 PEXTER, CLEAR PENETRATING SEALER
MAINTENANCE BAY	121	EPOXY, GREY	6" CEMENTITIOUS	MTL LINER PANEL	MTL LINER PANEL	MTL LINER PANEL	MTL LINER PANEL	MTL LINER PANEL	
MECH/ELEC	122	SEALED CONC	5" RUBBER	5/8" MR GNB	5/8" MR GNB	5/8" MR GNB	5/8" MR GNB	5/8" MR GNB	5" RUBBER BASE 170 PEXTER, CLEAR PENETRATING SEALER
GEAR ROOM	123	SEALED CONC	5" RUBBER	5/8" MR GNB	5/8" MR GNB	5/8" MR GNB	5/8" MR GNB	5/8" MR GNB	5" RUBBER BASE 170 PEXTER, CLEAR PENETRATING SEALER
STORAGE 2	124	SEALED CONC	5" RUBBER	5/8" MR GNB	5/8" MR GNB	5/8" MR GNB	5/8" MR GNB	5/8" MR GNB	5" RUBBER BASE 170 PEXTER, CLEAR PENETRATING SEALER



- ### GENERAL SHEET NOTES
- ALL DIMENSIONS ARE FACE-OF-WALL TO FACE-OF-WALL UNLESS NOTED OTHERWISE.
  - ALL PLUMBING FIXTURES, FURNITURE, AND APPLIANCES THAT ARE SHOWN AS GRAYED AND DASHED ARE TO BE OWNER PROVIDED AND NOT IN CONTRACT (NIC) AND ARE SHOWN FOR COORDINATION PURPOSES ONLY. CONTRACTOR TO VERIFY THOSE ITEMS OWNER FURNISHED AND CONTRACTOR INSTALLED (OFCI).
  - PROVIDE FIVE MELLOWINE-GLAD WOOD SHELVES IN CLOSET 115.
  - REFER TO PARTITION TYPES FOR PARTITION THICKNESS WHERE NOT SHOWN ON PLAN.
  - ALL MANUFACTURED ARTICLES, MATERIALS, AND EQUIPMENT SHALL BE CONDITIONED, USED APPLIED, INSTALLED, CONNECTED, ERECTED, AND CLEANED IN ACCORDANCE WITH THE MANUFACTURERS WRITTEN SPECIFICATIONS OR INSTRUCTIONS.
  - FOR ALL WOOD MEMBERS REQUIRED BY CODE TO BE FIRE RETARDANT TREATED, PROVIDE PRESSURE IMPREGNATION WITH FIRE RETARDANT CHEMICALS TO PROVIDE UL FRS FIRE HAZARD CLASSIFICATION. ALL WOOD SHALL BE IDENTIFIED WITH A UL LABEL CERTIFYING THIS CLASSIFICATION AND FM DIAMOND.
  - GENERAL CONTRACTOR TO PROVIDE FIVE POUND "ABC" RATED FIRE EXTINGUISHER(S) AND/OR CABINET(S) WHERE SHOWN ON THESE PLANS.
  - ALL PENETRATIONS OF FIRE RESISTIVE FLOORS OR SHAFT WALLS SHALL BE PROTECTED BY MATERIALS AND INSTALLATION DETAILS THAT CONFORM TO UL STANDARDS FOR THROUGH PENETRATIONS FIRESTOP SYSTEMS. SEAL AROUND ALL PENETRATIONS (DUCTS, PIPES, CONDUITS, ETC) AT FIRE-RATED ASSEMBLIES. SEAL SHALL NOT DIMINISH RATING OF ASSEMBLY. AT CONCRETE OR MASONRY, SEAL OFF OPENINGS WITH CONCRETE GROUT. AT PLASTER OR DRYWALL, DAM UP GAPS AND FILL WITH UL APPROVED SEALANT OR PUTTY PER MANUFACTURERS RECOMMENDATIONS.
  - WRAP AROUND ALL ARCHITECTURAL, MECHANICAL, OR ELECTRICAL BOXES, RECESSED/PENETRATED INTO ANY FIRE-RATED WALLS WITH 5/8" TYPE "X" GYPSUM BOARD UNLESS WALL IS OF CONCRETE CONSTRUCTION.
  - PROVIDE 4x8x3/4" BC PLYWOOD ON THREE WALLS FOR ATTACHMENT OF IT EQUIPMENT IN IT CLOSET 105. INSTALL PLYWOOD PANELS VERTICALLY TIGHT TO FINISH CEILING.
  - NOT USED.
  - SEE PROJECT SPECIFICATIONS FOR TOILET ACCESSORY HARDWARE SCHEDULE.
  - SEE SHEET ##### FOR MASONRY EXPANSION JOINT LOCATIONS NOT SHOWN ON THIS SHEET.

- ### LEGEND
- FIRE-RATED PARTITION - SEE PARTITION TYPES AND LIFE-SAFETY PLAN FOR DESIGNATED FIRE RATING
  - SMOKE PARTITION - SEE PARTITION TYPES AND LIFE-SAFETY PLAN FOR DESIGNATED RATING

- ### OFCI
- A. REFRIGERATORS
  - B. OVEN
  - C. DISHWASHER
  - D. MICROWAVE
  - E. ICE MACHINE
  - F. GENERATOR AND STAND
  - G. TV'S AND MOUNTING BRACKETS
  - H. COMMUNICATIONS EQUIPMENT
  - I. WASHERS AND DRYER

# DAMMON ENGINEERING, INC.

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info@dammonengineering.com  
PH: 985-649-5832

REVISIONS	DATE



**NEW FIRE STATION #10  
ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1**

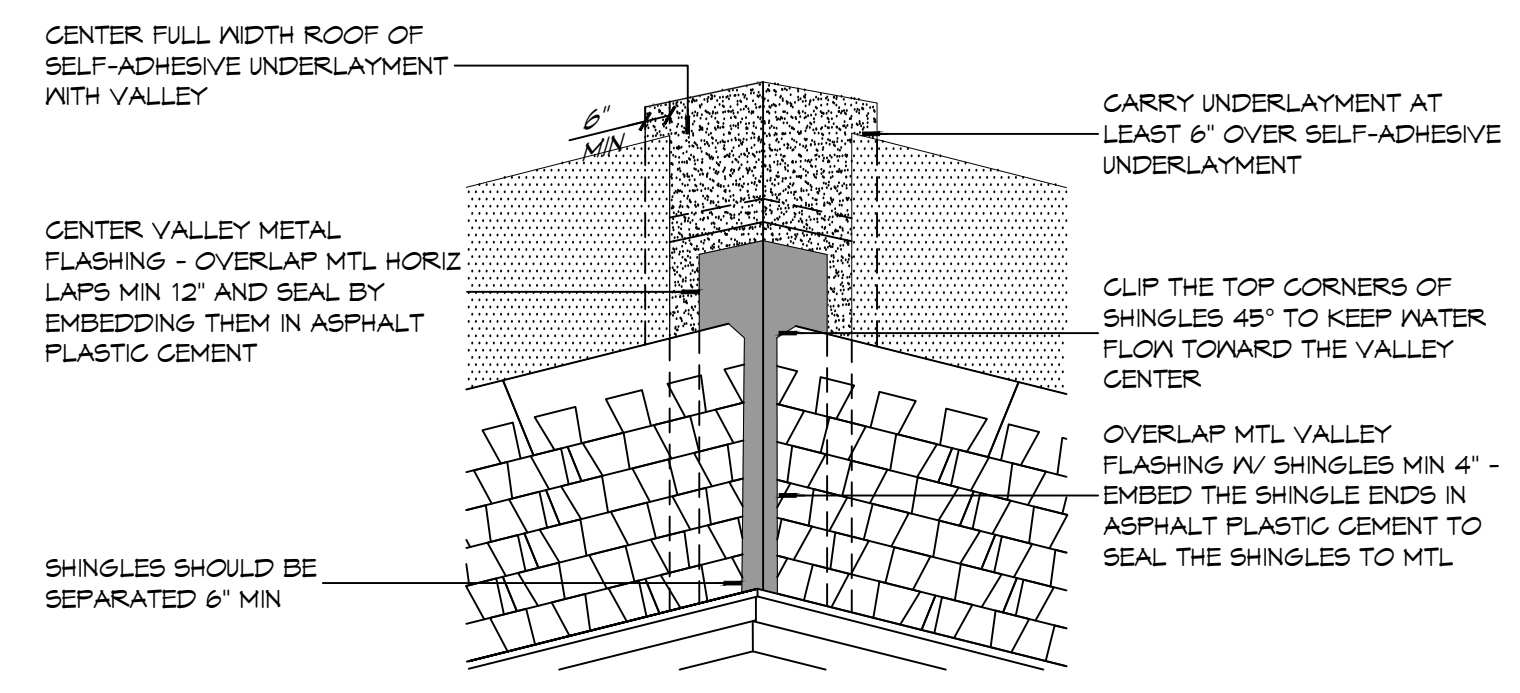
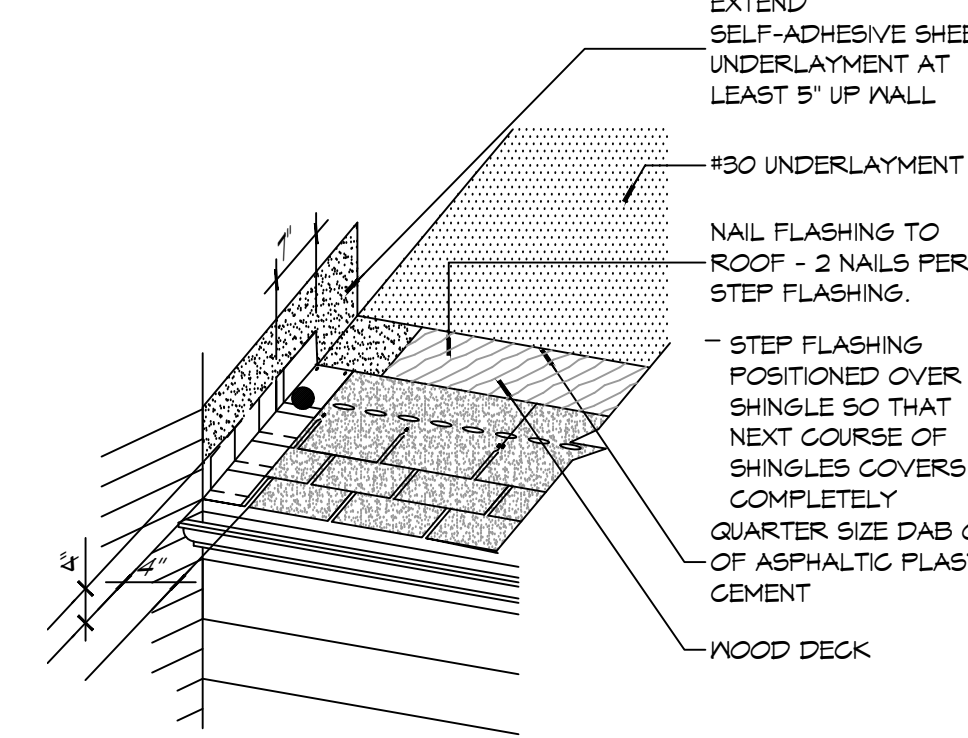
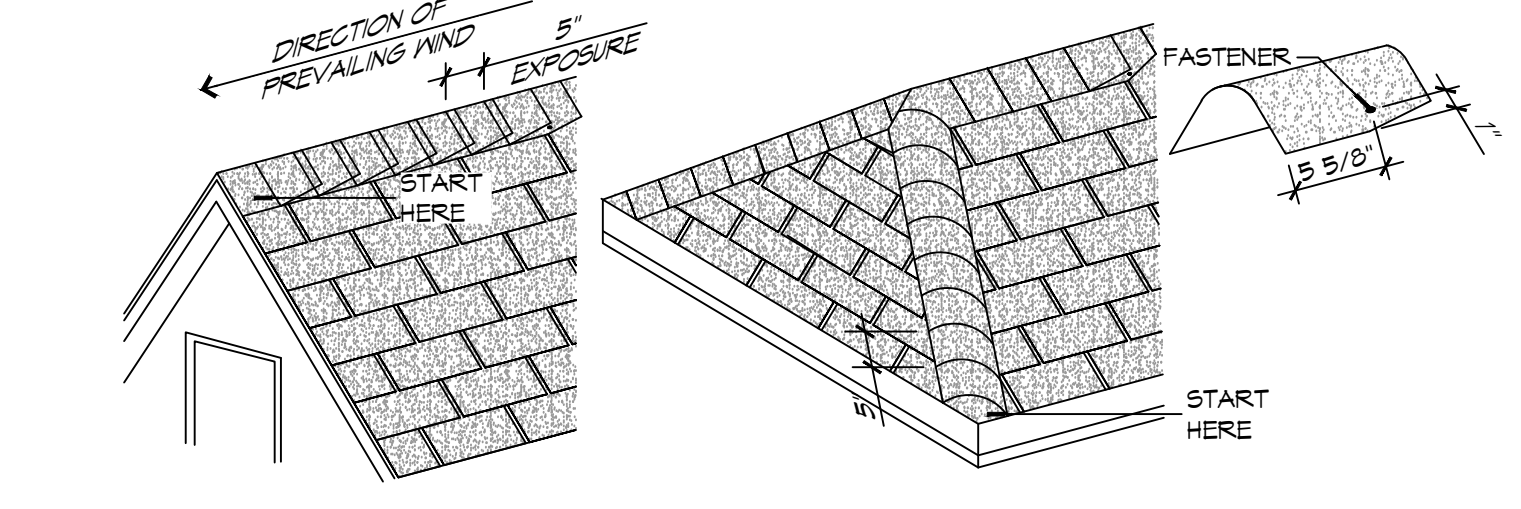
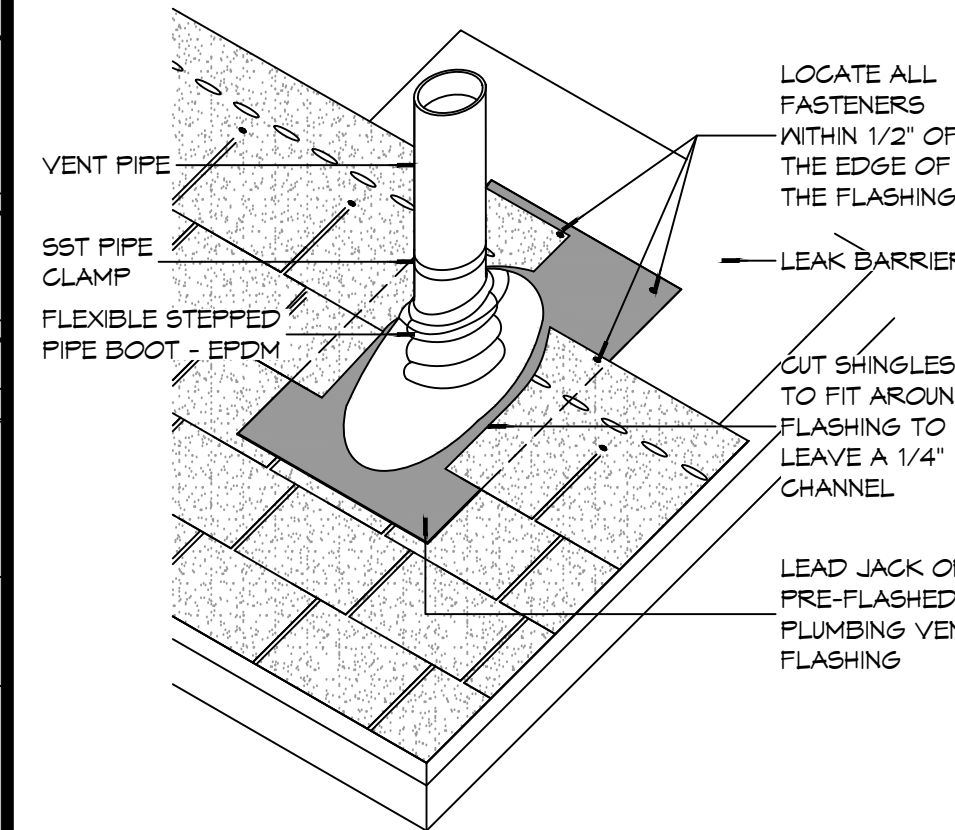
246 LAKESHORE VISTA BLVD  
SLIDELL, LA 70461  
JOB No: 2519 DATE: 12-05-2025  
DRAWN BY: JMS CHECKED BY: GKD

SHEET TITLE:  
ARCHITECTURAL FLOOR PLAN, DETAIL FLOOR PLANS, AND SCHEDULES

DRAWING NUMBER:  
**A101**

SHEET No: 10 of 37

FILE NAME: A:\\_DAMMON\2019 - Proj 2019\110125219 - Fire Station #10\110125219.dwg  
 PLOT DATE: 12/11/2025 12:00:00 PM  
 PLOT TIME: 12/11/2025 12:00:00 PM  
 PLOT USER: jme



D PLUMBING VENT FLASHING

C RIDGE CAP SHINGLES

B STEP FLASHING

A VALLEY FLASHING

**TYPICAL ROOF DETAILS**  
SCALE: 1" = 1'-0"

**RCP NOTES**

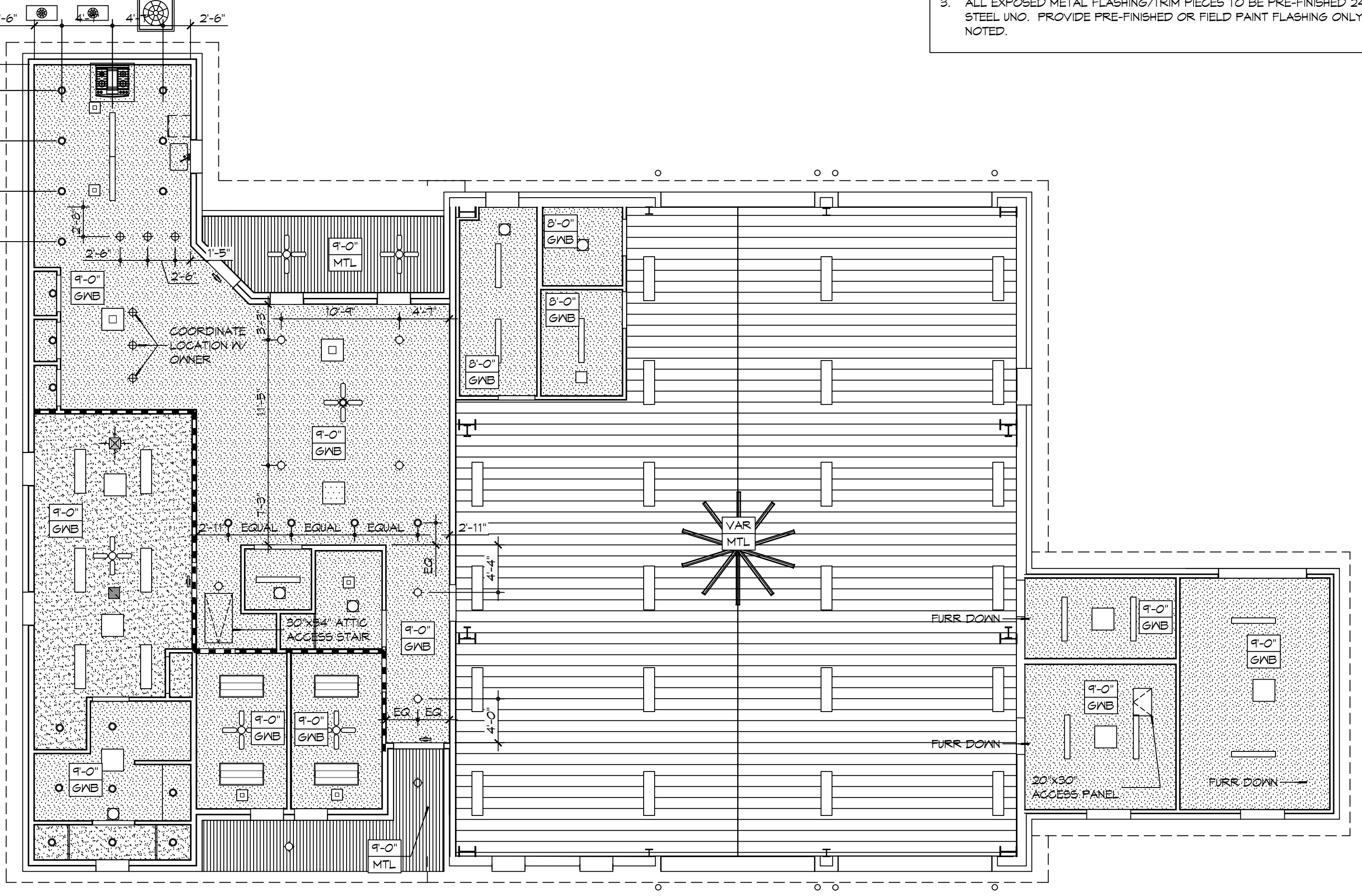
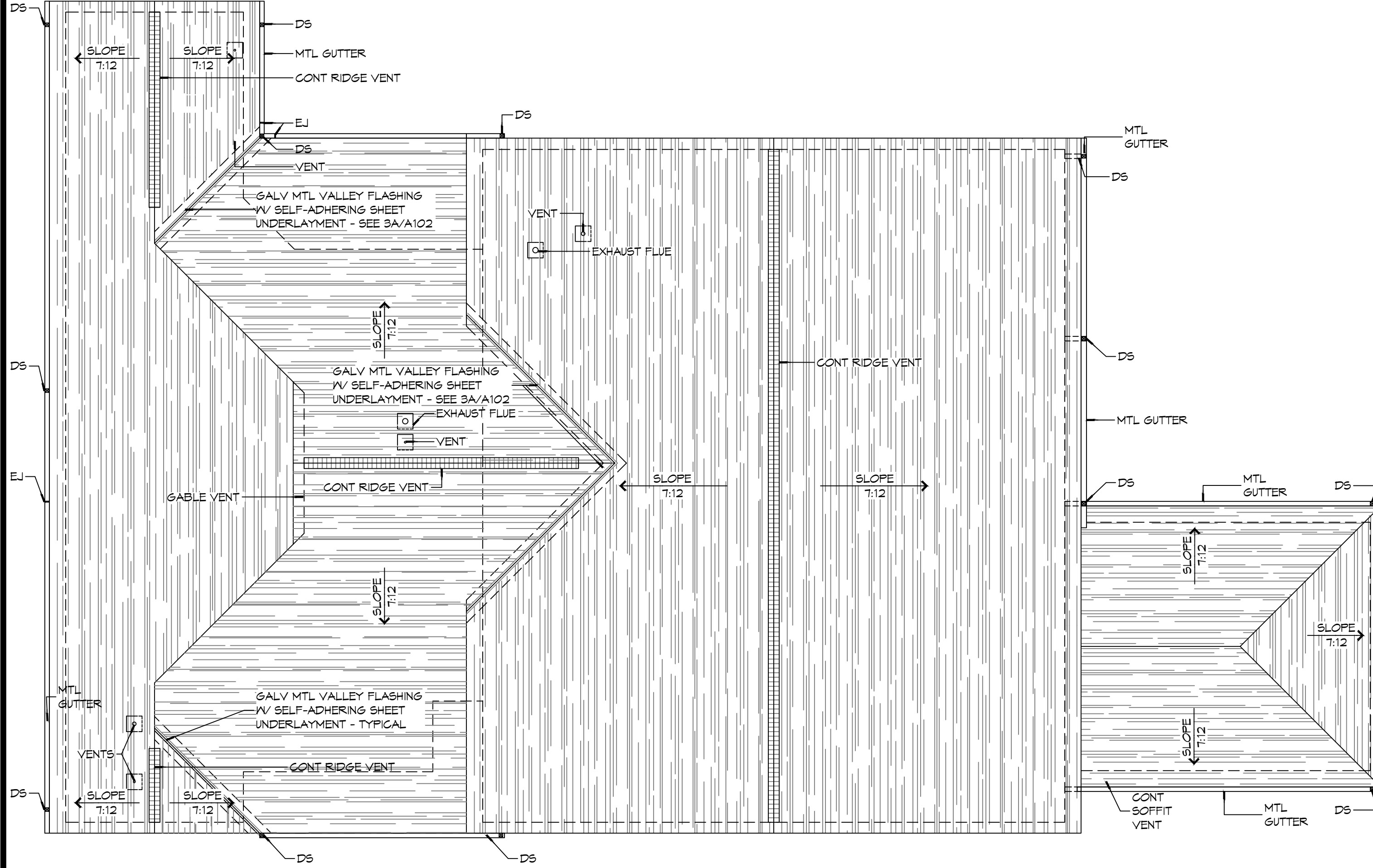
1. ALL CEILING HEIGHTS INDICATED ARE APPROXIMATE. ACTUAL CEILING HEIGHT TO BE DETERMINED BY STRUCTURE ELEVATION AND CEILING ASSEMBLY THICKNESS. INDICATED HEIGHT IS MEASURED ABOVE FINISH FLOOR (AFF).
2. REFER TO SHEET A501 FOR WALL/PARTITION ASSEMBLY AND INFORMATION.
3. SEE SHEET E102 FOR LIGHT FIXTURE TYPES. SEE SHEETS M101 & M102 FOR DIFFUSER AND GRILLE TYPES.
4. REFER TO INTERIOR ELEVATIONS FOR MOUNTING HEIGHT OF WALL MOUNTED LIGHT FIXTURES.
5. SEAL AROUND ALL CEILING OPENINGS ON SLEEPING QUARTERS SIDE OF SMOKE PARTITION TO RESTRICT THE MOVEMENT SMOKE.

**RCP LEGEND**

SYMBOL	DESCRIPTION
	2X4 SURFACE MOUNTED FLUORESCENT LIGHT FIXTURE
	1X4 SUSPENDED HIGH BAY LIGHT FIXTURES
	SURFACE MOUNTED FLUORESCENT LIGHT FIXTURE STRIP
	CEILING FAN
	PENDANT LIGHT FIXTURE
	RECESSED LIGHT FIXTURE
	SURFACE MOUNTED LIGHT FIXTURE
	EXHAUST FAN
	HVAC SUPPLY AIR DIFFUSER
	HVAC RETURN AIR GRILLE
	GYPSUM BOARD CEILING
	METAL LINER PANEL CEILING
	METAL SOFFIT PANEL

**GENERAL ROOF NOTES**

1. COORDINATE INSTALLATION OF NEW ROOF SYSTEM WITH OTHER TRADES. REPORT ANY CONFLICTS WITH ITEMS BY OTHER TRADES TO THE ARCHITECT.
2. ALL PLUMBING VENTS SHALL EXTEND ABOVE THE FINISHED SURFACE OF THE ROOF SYSTEM TO PROVIDE FOR A MINIMUM OF 8" BASE FLASHING.
3. ALL EXPOSED METAL FLASHING/TRIM PIECES TO BE PRE-FINISHED 24 GA STEEL UNO. PROVIDE PRE-FINISHED OR FIELD PAINT FLASHING ONLY AS NOTED.



2 ROOF PLAN  
SCALE: 1/8" = 1'-0"

1 REFLECTED CEILING PLAN  
SCALE: 1/8" = 1'-0"

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#	DESCRIPTION	DATE



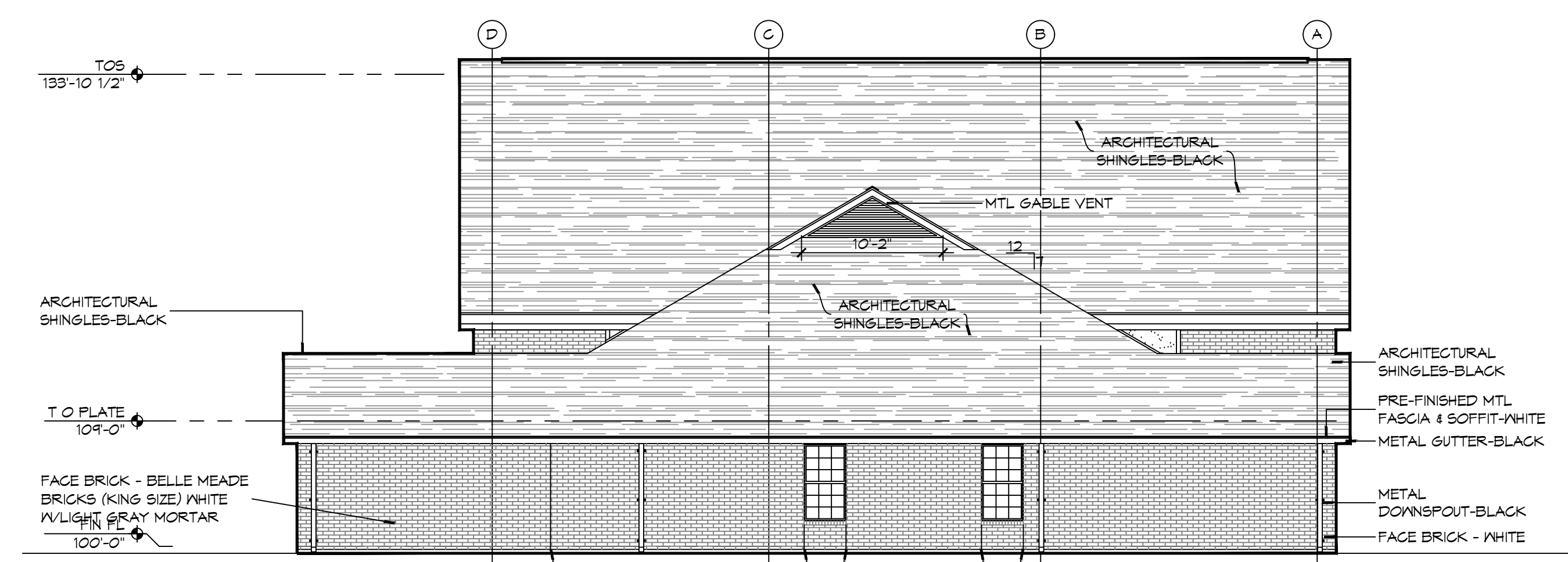
NEW FIRE STATION #10  
 ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1  
 246 LAKESHORE VISTA BLVD  
 SLIDELL, LA 70461  
 JOB No: 2519 DATE: 12-05-2025  
 DRAWN BY: GKJ CHECKED BY: JME

SHEET TITLE:  
 REFLECTED CEILING PLAN AND ROOF PLAN, ROOF DETAILS

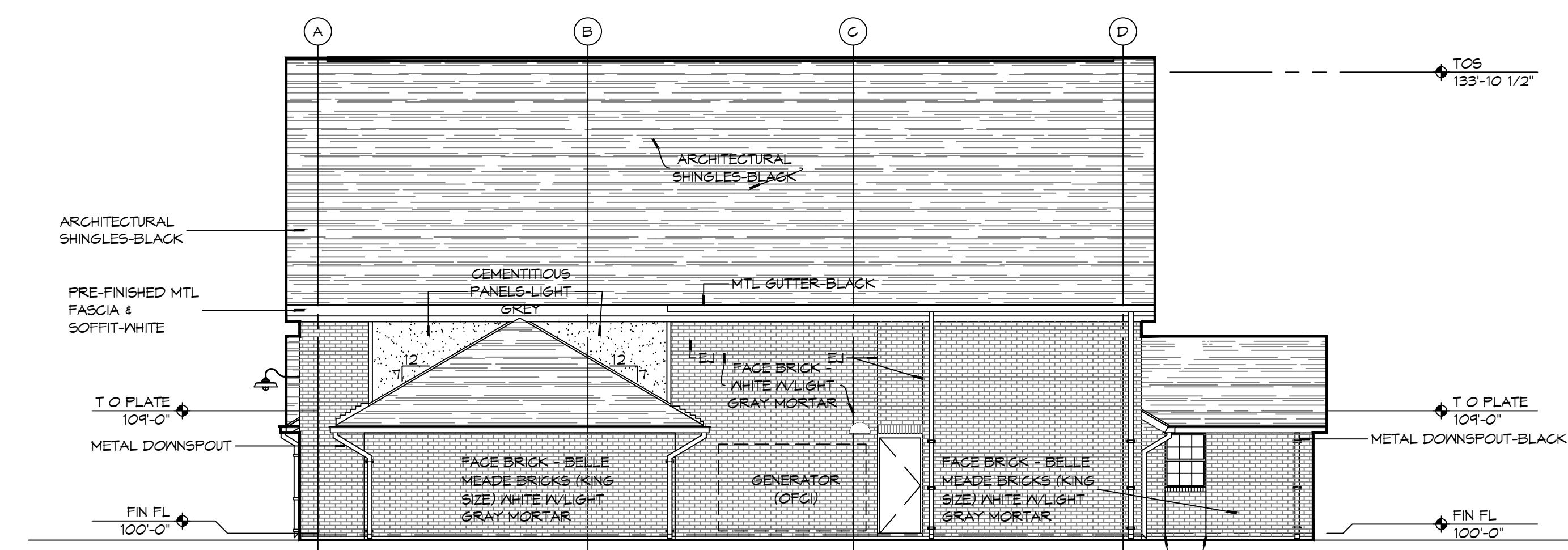
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**A102**

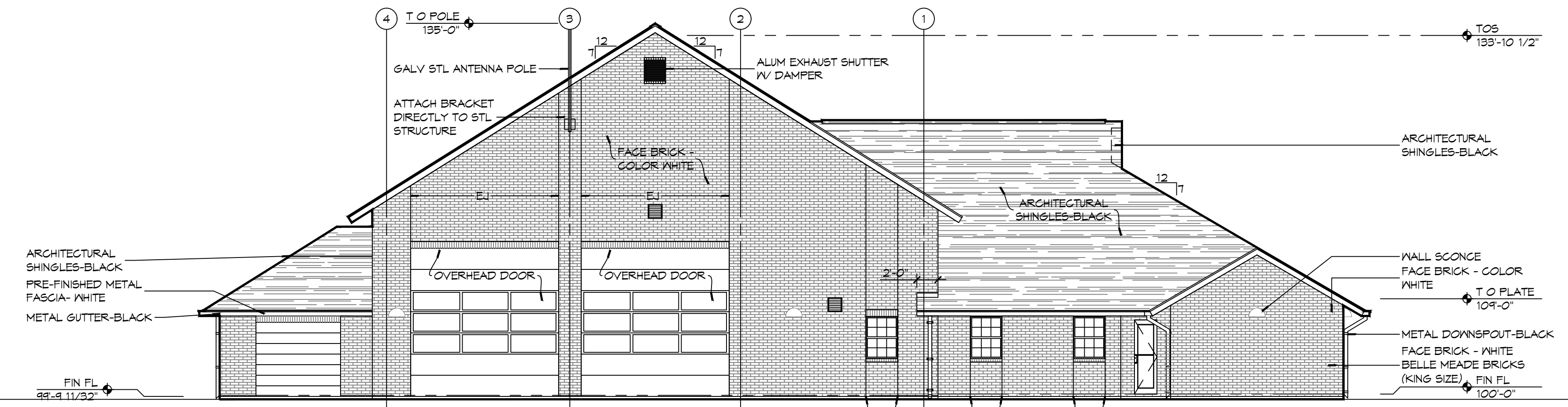
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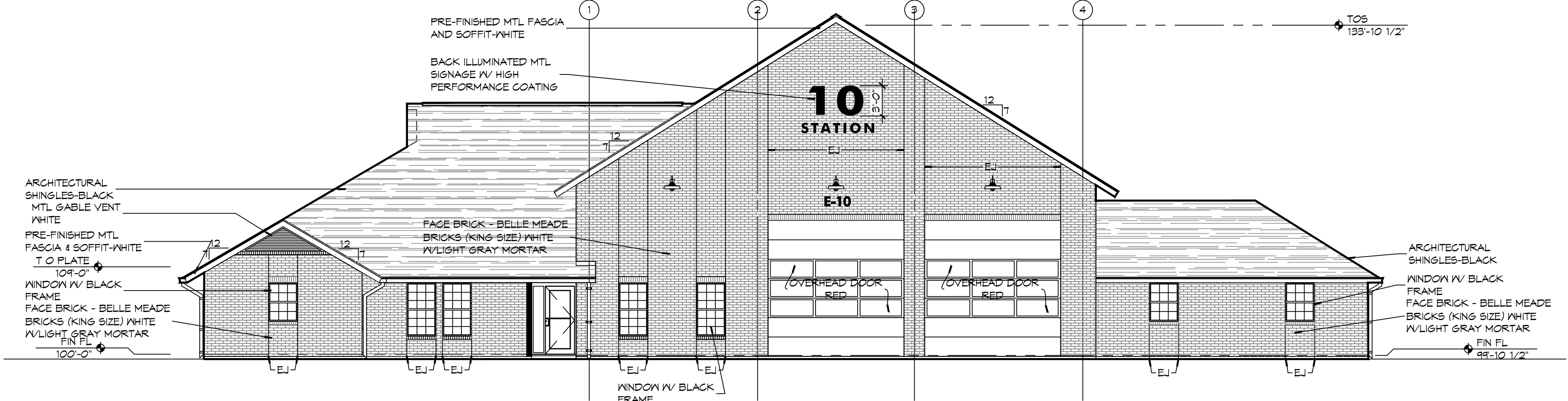
**4 EXTERIOR ELEVATION LEFT SIDE**  
SCALE: 1/8" = 1'-0" EAST



**3 EXTERIOR ELEVATION RIGHT SIDE**  
SCALE: 1/8" = 1'-0" WEST



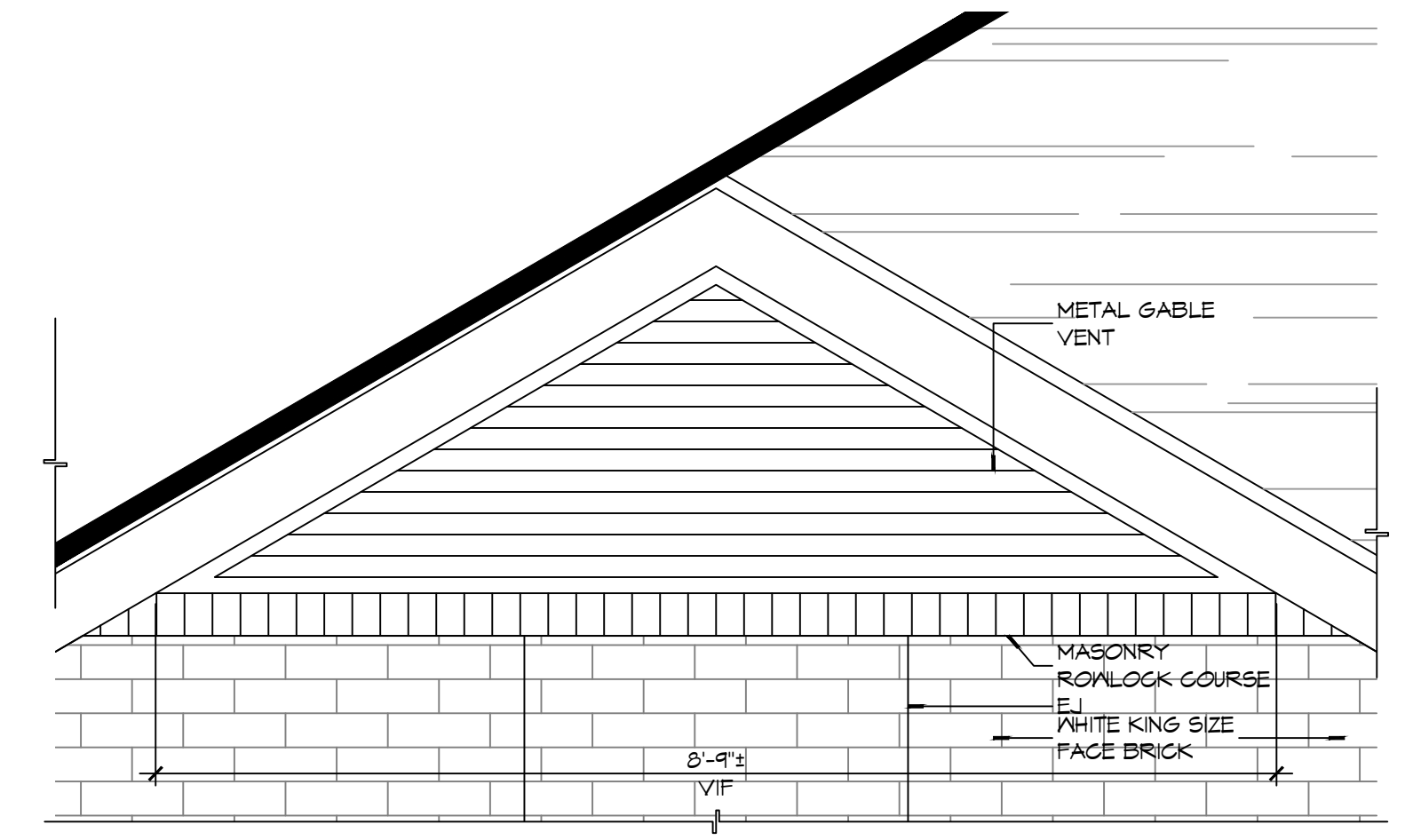
**2 EXTERIOR ELEVATION REAR SIDE**  
SCALE: 1/8" = 1'-0" EAST



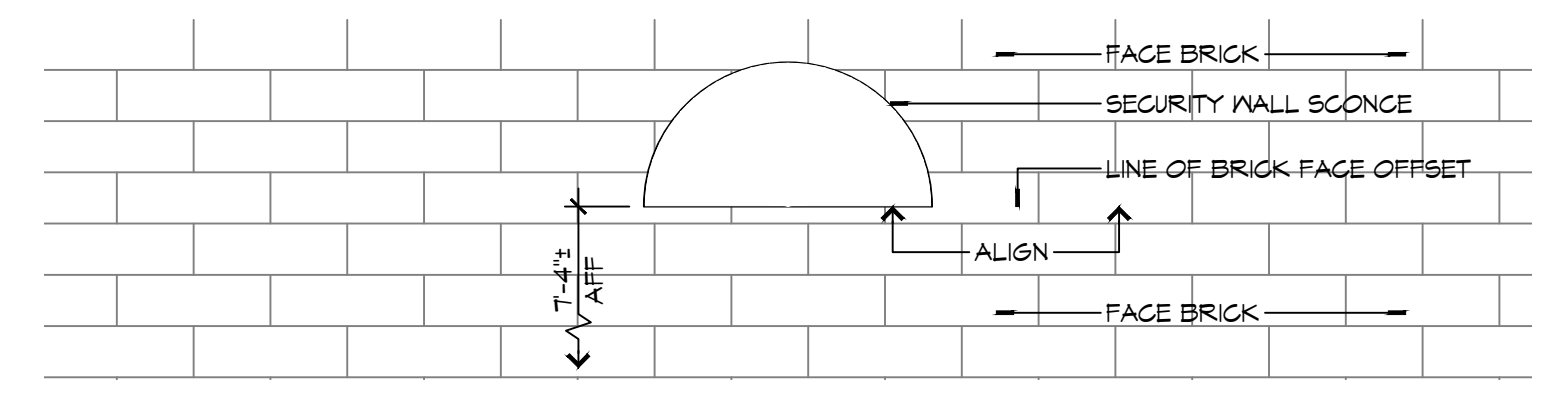
**1 EXTERIOR ELEVATION FRONT SIDE**  
SCALE: 1/8" = 1'-0" NORTH

**GENERAL ELEVATION NOTES**

1. REFER TO SHEET A101 FOR WINDOW TYPE ELEVATIONS.
2. WINDOW TYPES NOT INDICATED THIS SHEET ARE IDENTIFIED ON SHEET A501.
3. CONTRACTOR SHALL REVIEW LOCATIONS AND INTENT OF ALL MASONRY EXPANSION/CONTROL JOINTS WITH ARCHITECT PRIOR TO CONSTRUCTION. REFER TO ELEVATIONS FOR INDICATED JOINT LOCATIONS. LAY PINE STRAIN DOWN TO AVOID RAINWATER SPLASHING RED CLAY ONTO BRICK.
4. SEE S/A501 FOR TYPICAL MASONRY EXPANSION JOINT DETAILS.
5. MASONRY DIMENSIONS ARE NOMINAL.
6. ALL FLASHING SHALL BE DONE IN STRICT ACCORDANCE WITH THE FLASHING MANUFACTURER'S PUBLISHED SPECIFICATIONS AND DETAILS. THIS TO INCLUDE AMOUNT OF OVERLAP AND INSTALLATION OF DRIP EDGES, IF REQUIRED.
7. LINE OF FINISH GRADE ON EXTERIOR ELEVATIONS IS APPROXIMATE AND ARE INTENDED FOR REFERENCE PURPOSES ONLY. REFER TO CIVIL GRADING PLAN FOR FINISH GRADE ELEVATIONS.
8. SEE SHEET A101 FOR EXPANSION JOINTS (EJ) IN HIDDEN LOCATIONS AND NOT SHOWN ON THIS SHEET.



**6 DETAIL ELEVATION**  
SCALE: 3/4" = 1'-0" GABLE VENT



**5 DETAIL ELEVATION**  
SCALE: 1" = 1'-0" EXTERIOR WALL SCONCE MOUNTING HEIGHT

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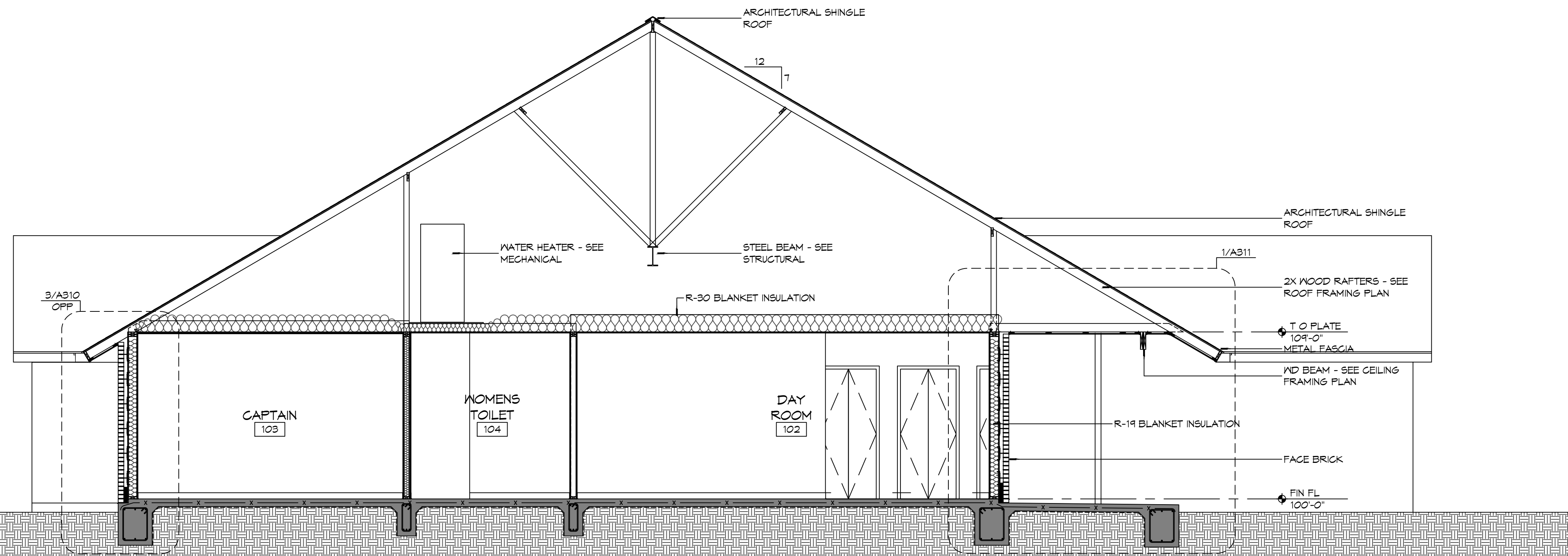
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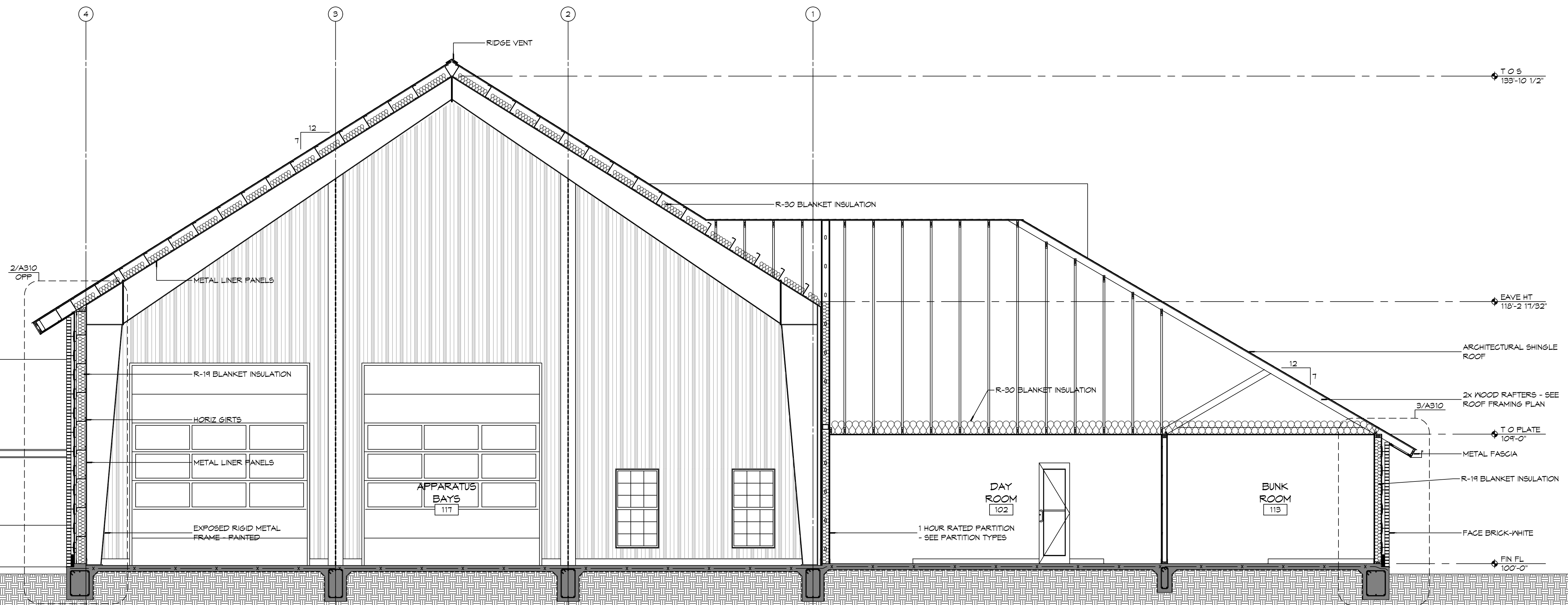
NEW FIRE STATION #10  
 ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1  
 248 LAKESHORE VISTA BLVD  
 SLIDELL, LA 70461  
 JOB No: 2519 DATE: 12-05-2025  
 DRAWN BY: CKD CHECKED BY: JMS

SHEET TITLE:  
 BUILDING ELEVATIONS  
 DRAWING NUMBER:  
**A201**  
 SHEET No: 20 of 37

FILE NAME: A:\-Dammon\2019 - Fire Station #10 (Dammon) - 2019\A301 - 2019 Building Sections.dwg, PLOT DATE: 12/05/2025, 2:14:04 PM



**2 BUILDING SECTION**  
SCALE: 1/4" = 1'-0"

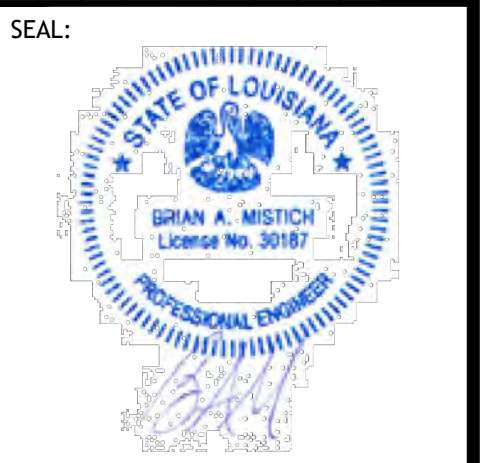


**1 BUILDING SECTION**  
SCALE: 1/4" = 1'-0"

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#	DESCRIPTION	REVISIONS	DATE



**NEW FIRE STATION #10**  
**ST. TAMMANY FIRE PROTECTION**  
**DISTRICT NO. 1**  
 2145 LAKESHORE VISTA BLVD  
 SLIDELL, LA 70461  
 JOB No: 2519 DATE: 12-05-2025  
 DRAWN BY: CKD CHECKED BY: JME

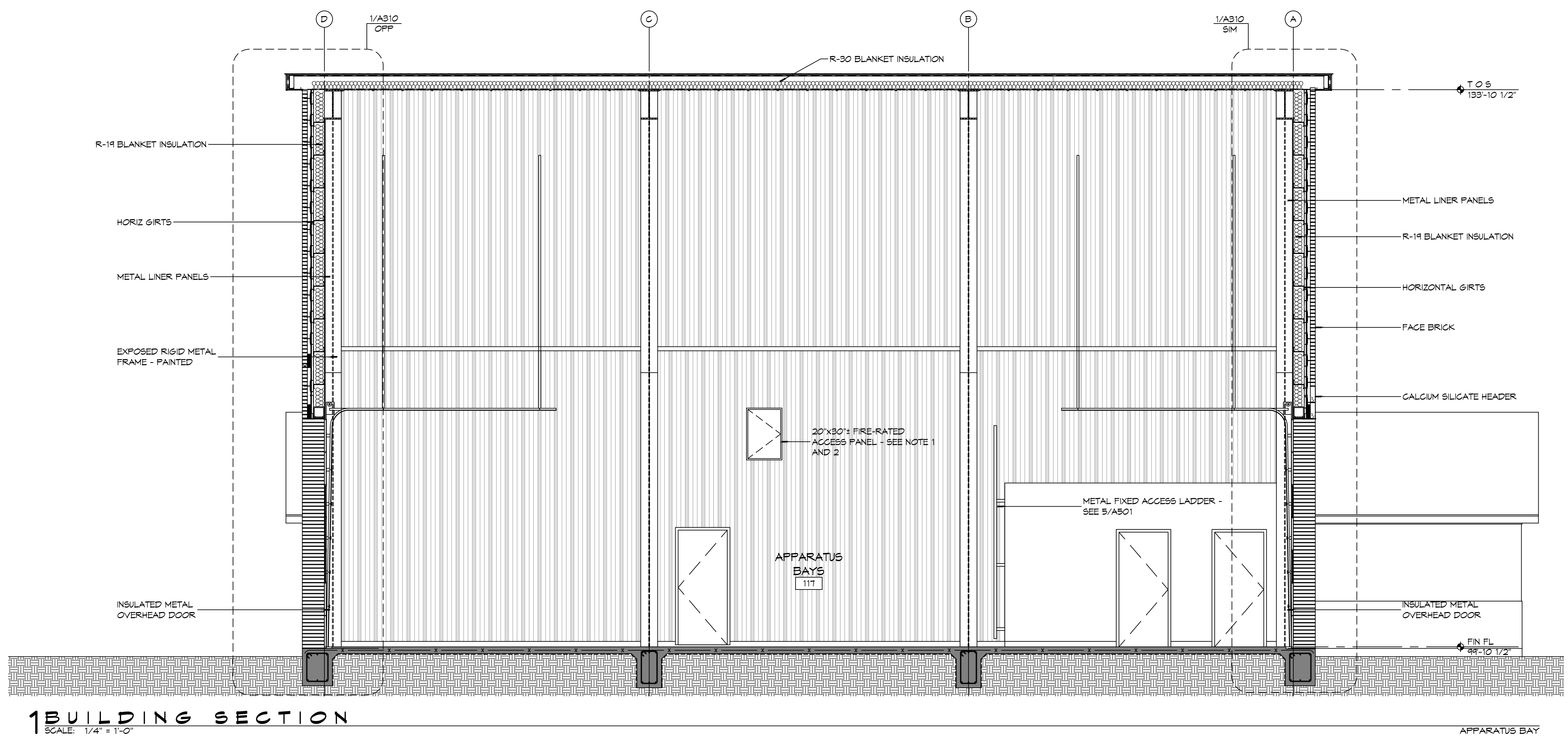
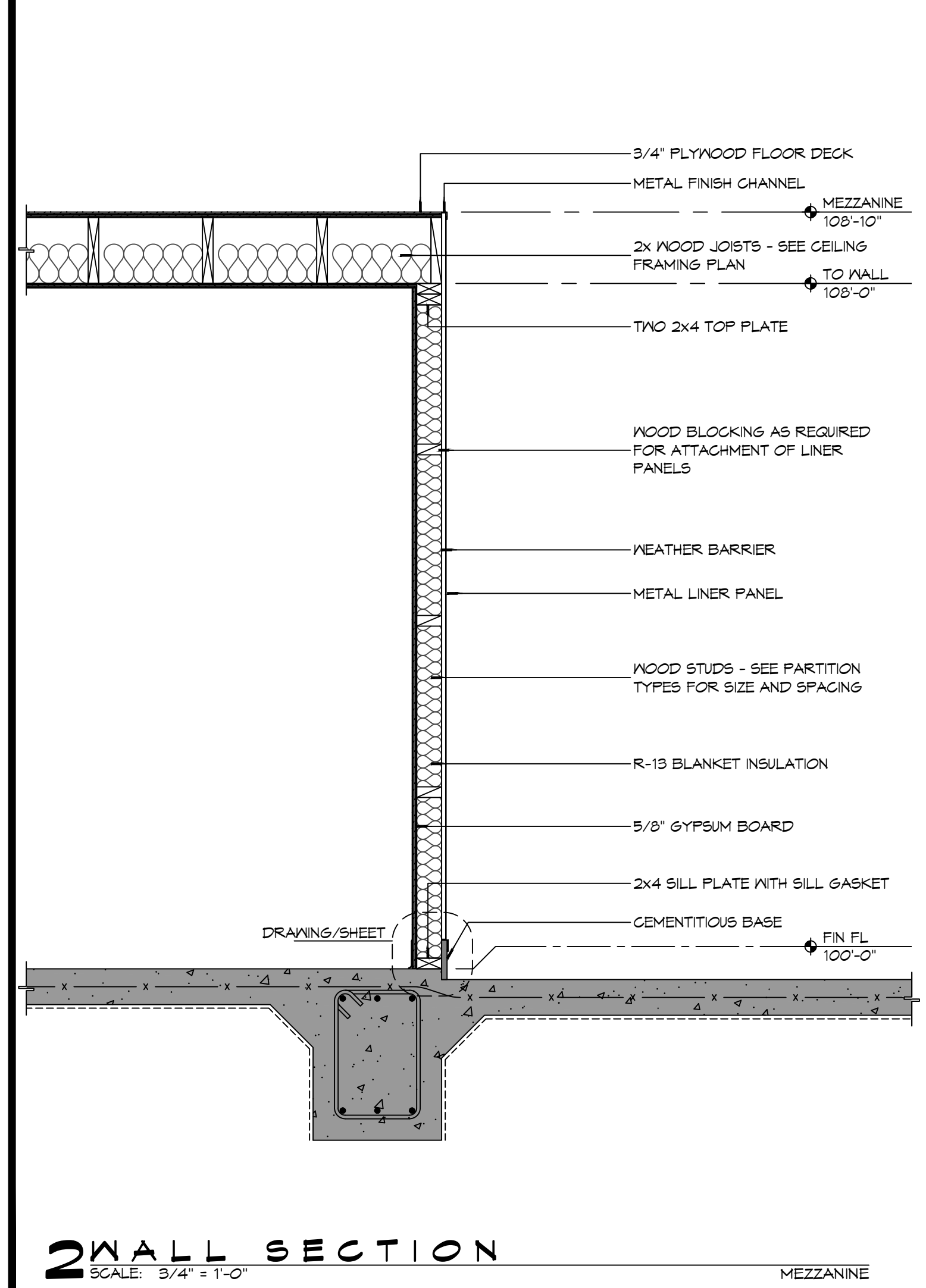
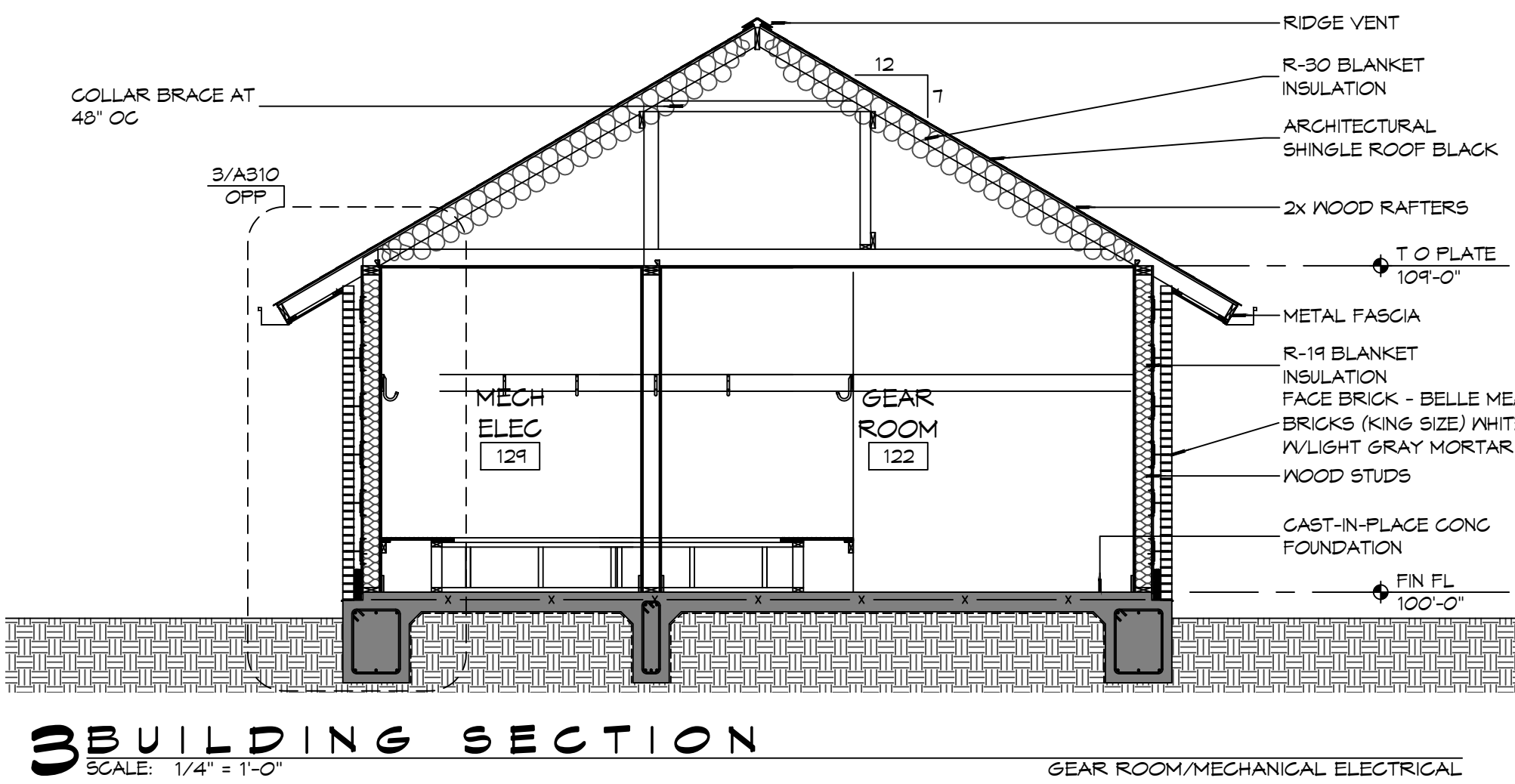
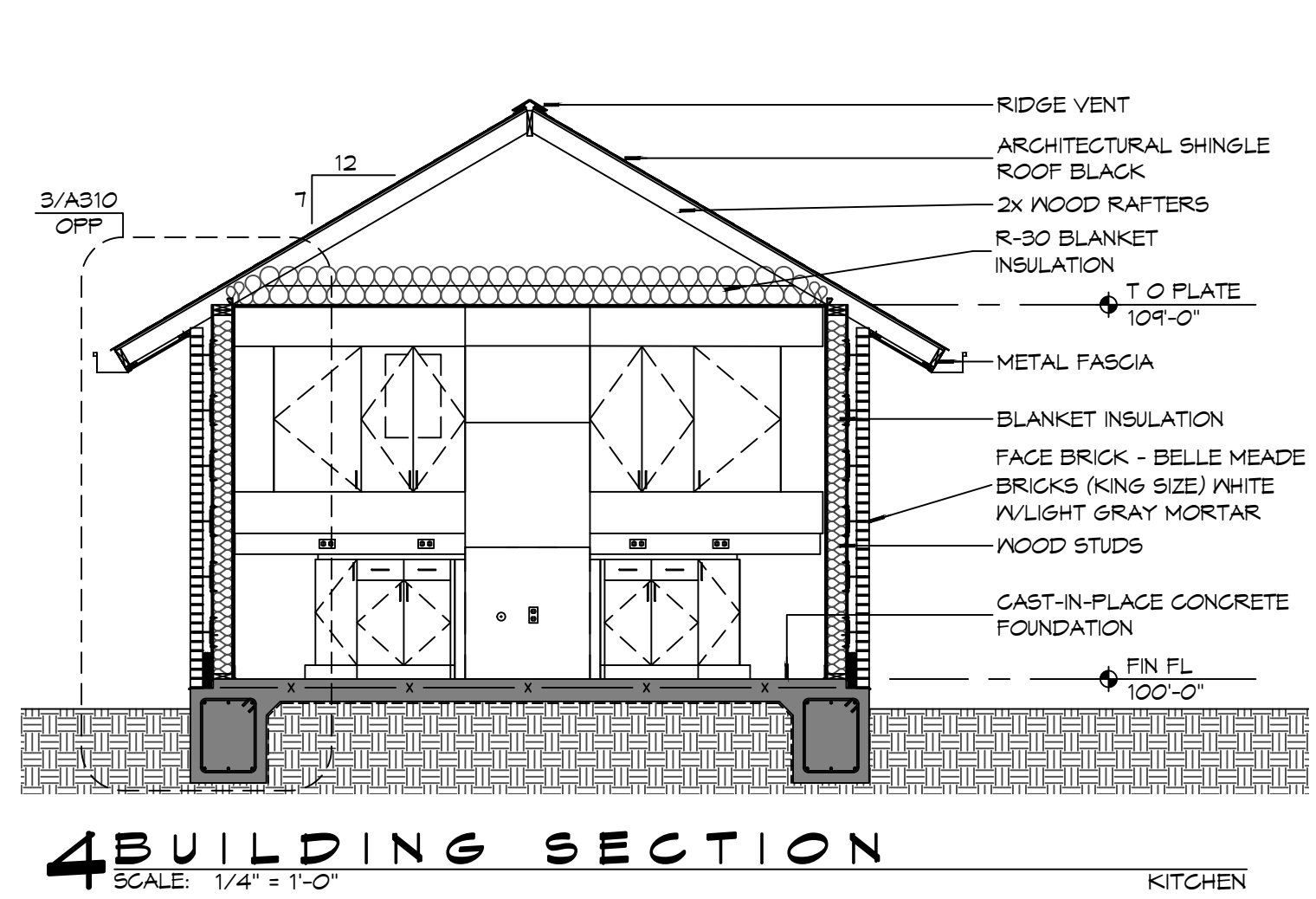
SHEET TITLE:  
 BUILDING SECTIONS

DRAWING NUMBER:  
**A301**

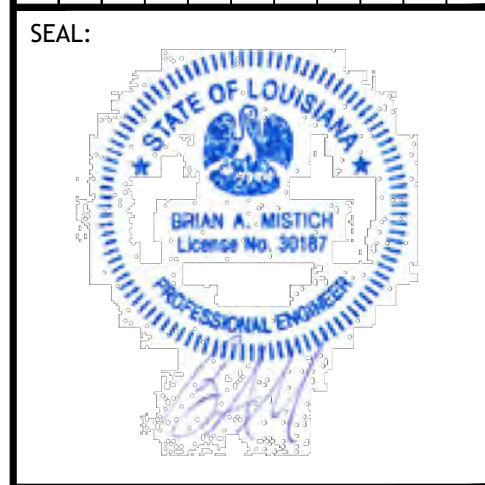
**GENERAL SHEET NOTES**

1. COORDINATE ATTIC ACCESS PANEL LOCATION WITH MEZZANINE HVAC EQUIPMENT AND DUCTWORK.
2. COORDINATE ATTIC ACCESS PANEL DIMENSIONS WITH LARGEST EQUIPMENT COMPONENT LOCATED IN ATTIC SPACE IT SERVES.

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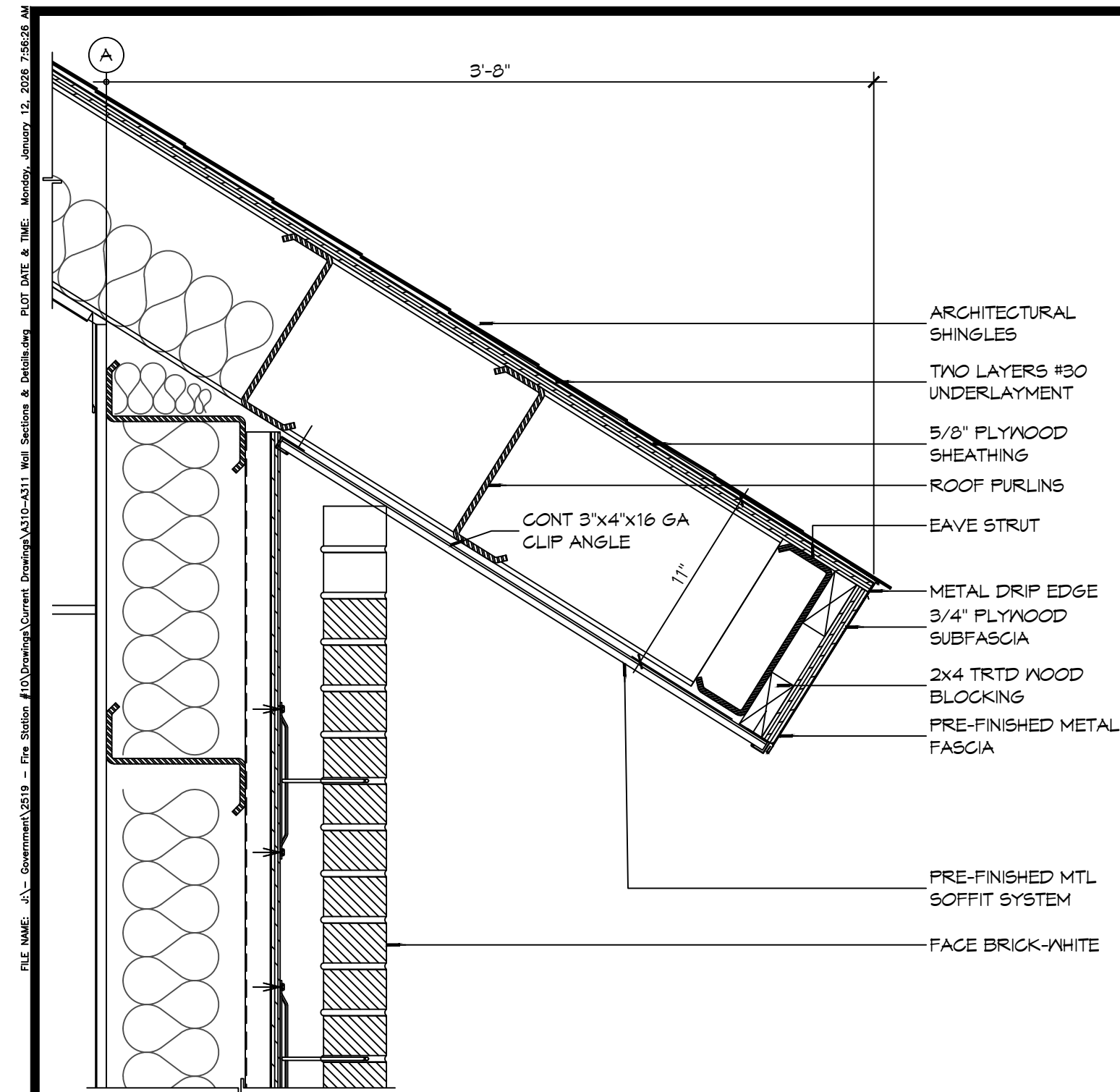


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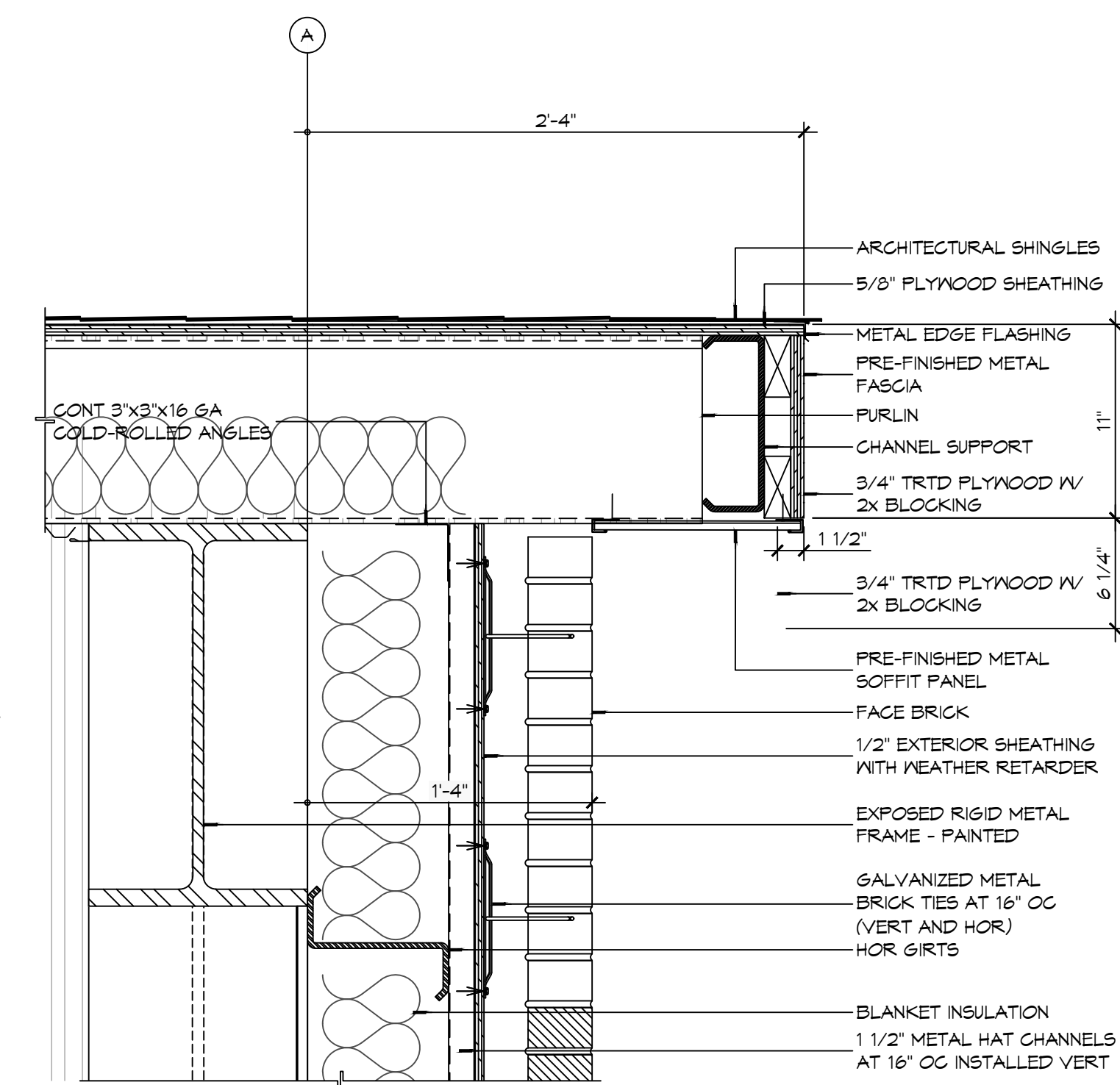


NEW FIRE STATION #10  
 ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1  
 246 LAKESHORE VISTA BLVD  
 SLIDELL, LA 70461  
 JOB No: 2519 DATE: 12-05-2025  
 DRAWN BY: CKD CHECKED BY: JME

SHEET TITLE:  
 BUILDING SECTIONS  
 DRAWING NUMBER:  
**A302**  
 SHEET No: 22 of 31

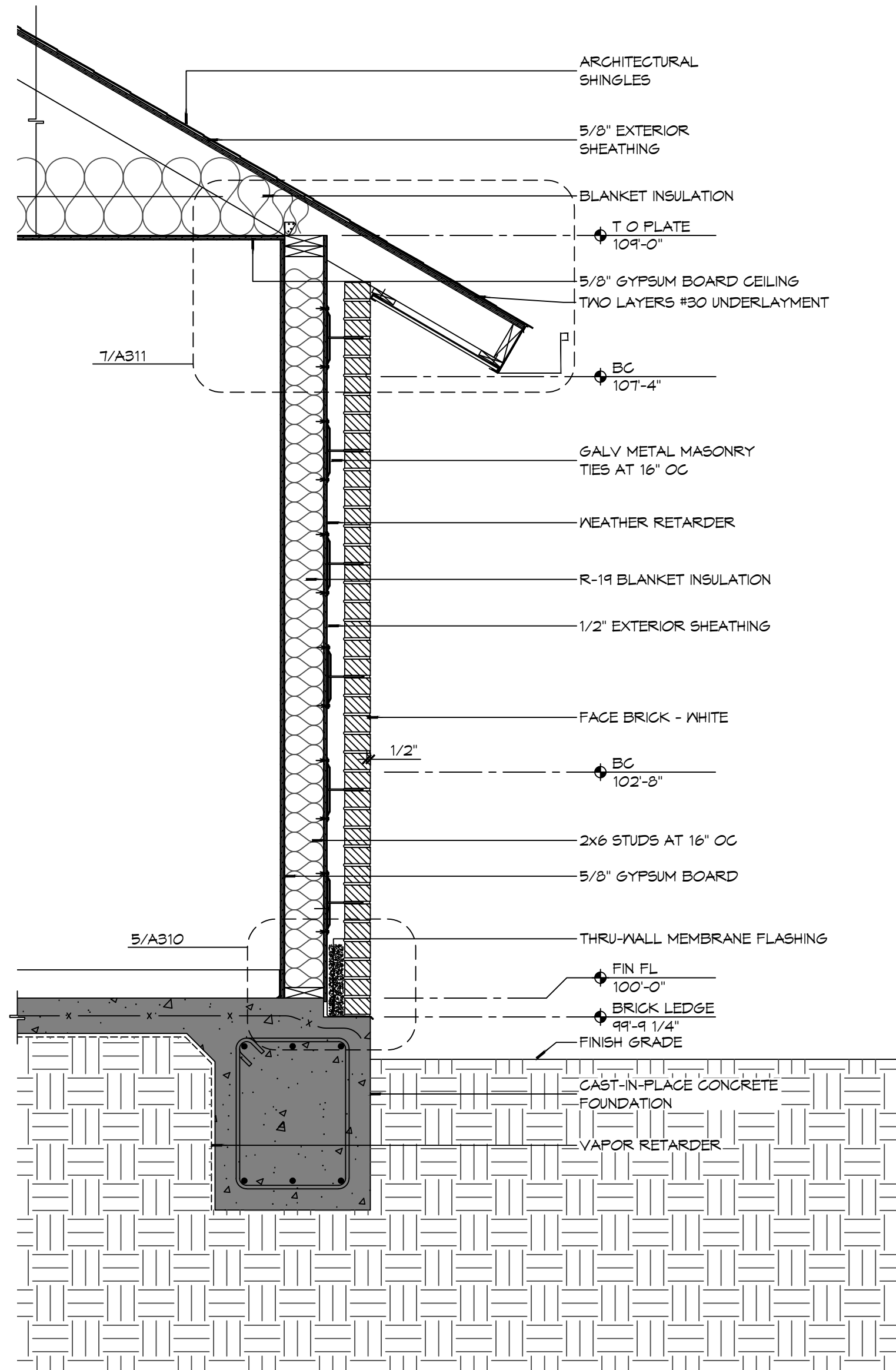


**6 DETAIL**  
SCALE: 1 1/2" = 1'-0"  
APPARATUS BAY EAVE

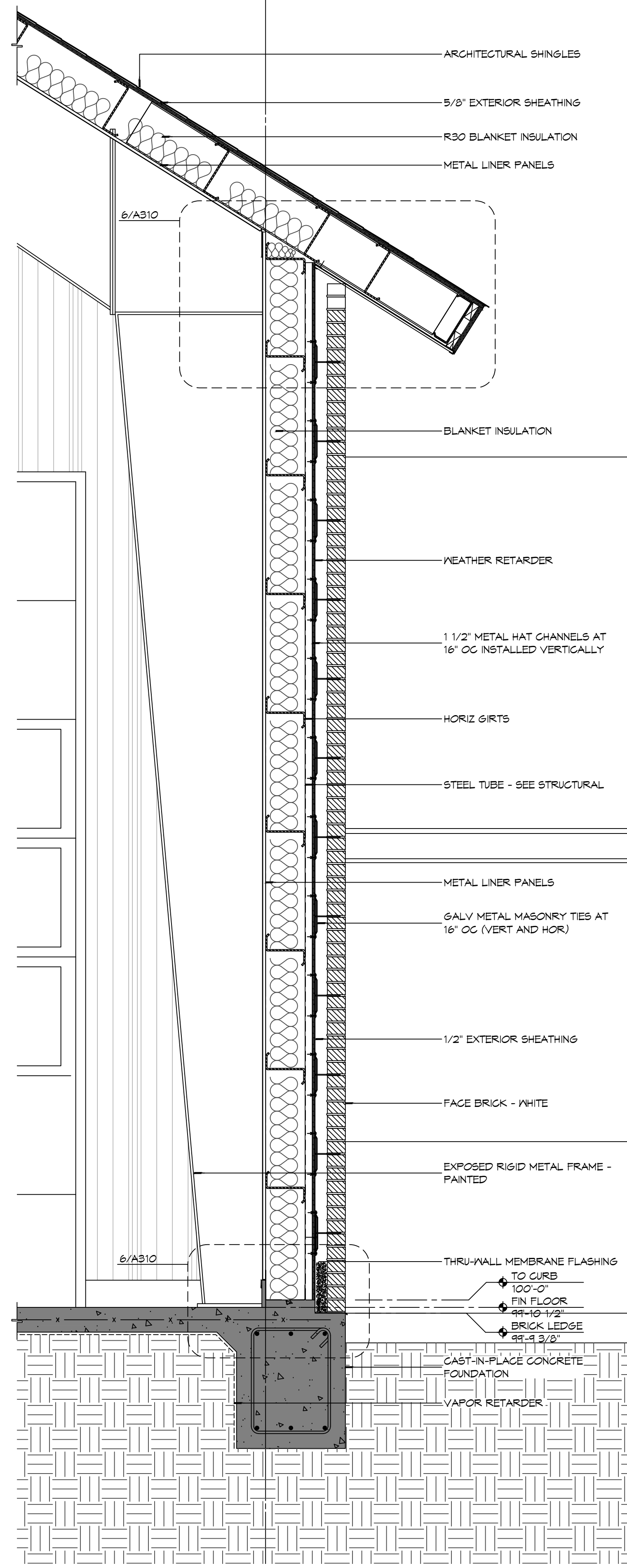


**5 DETAIL**  
SCALE: 1 1/2" = 1'-0"  
APPARATUS BAY ROOF RAKE

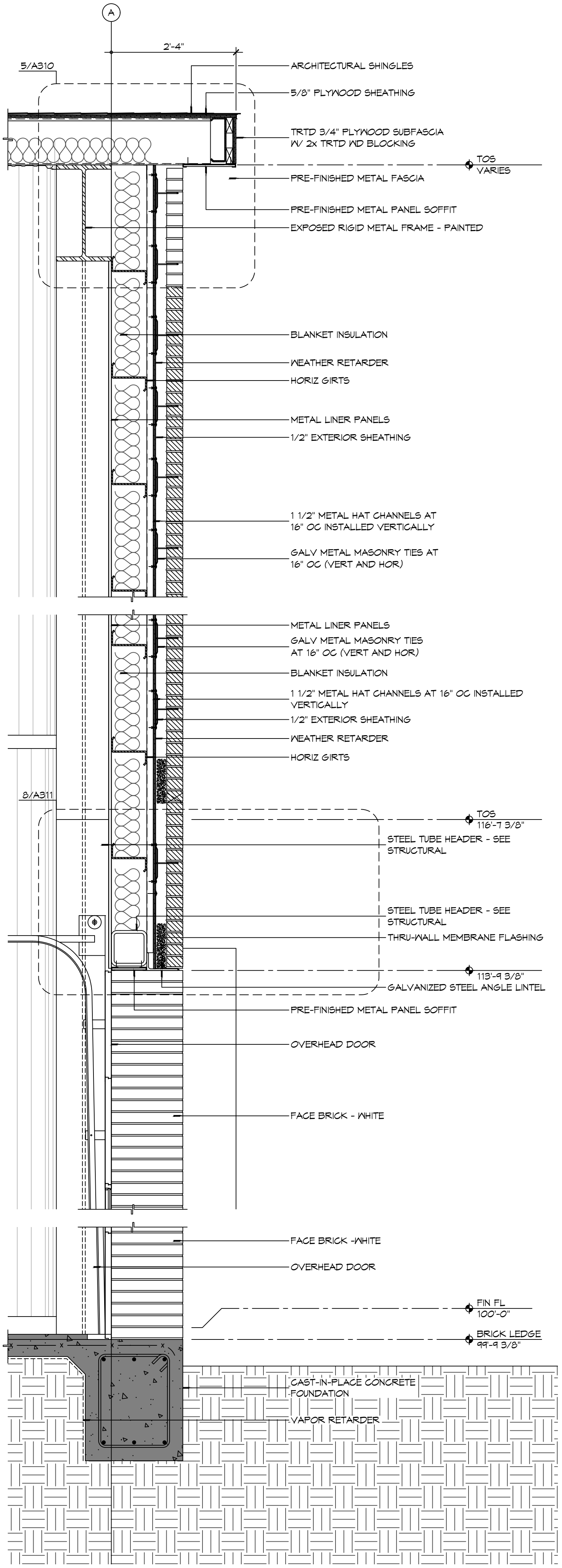
REFER TO BUILDING SECTIONS FOR PLACEMENT OF ATTIC INSULATION AS LOCATION MAY VARY.



**3 WALL SECTION**  
SCALE: 3/4" = 1'-0"



**2 WALL SECTION**  
SCALE: 3/4" = 1'-0"



**1 WALL SECTION**  
SCALE: 3/4" = 1'-0"

**NOT USED**

**4 WALL SECTION**  
SCALE: 3/4" = 1'-0"

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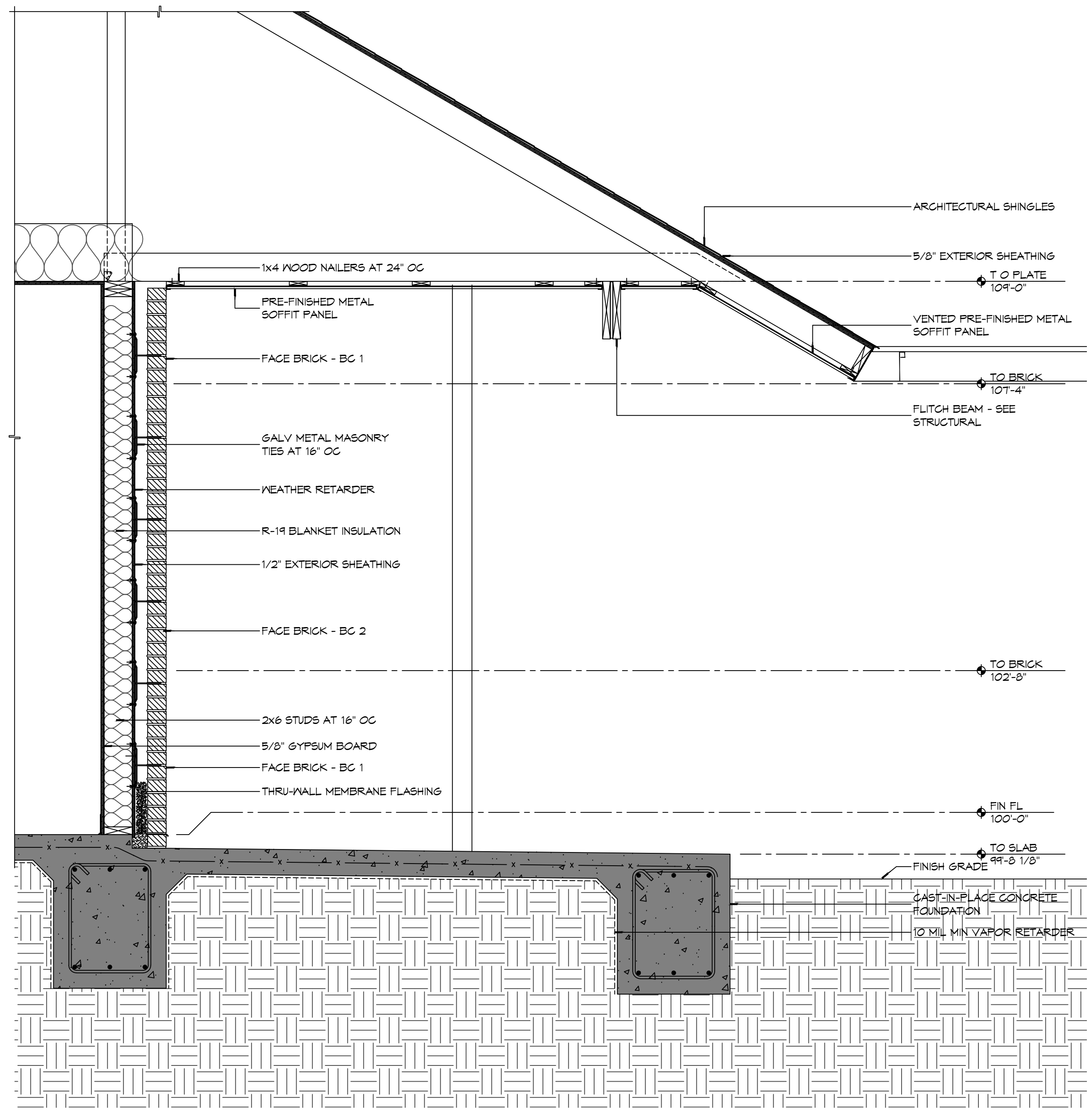
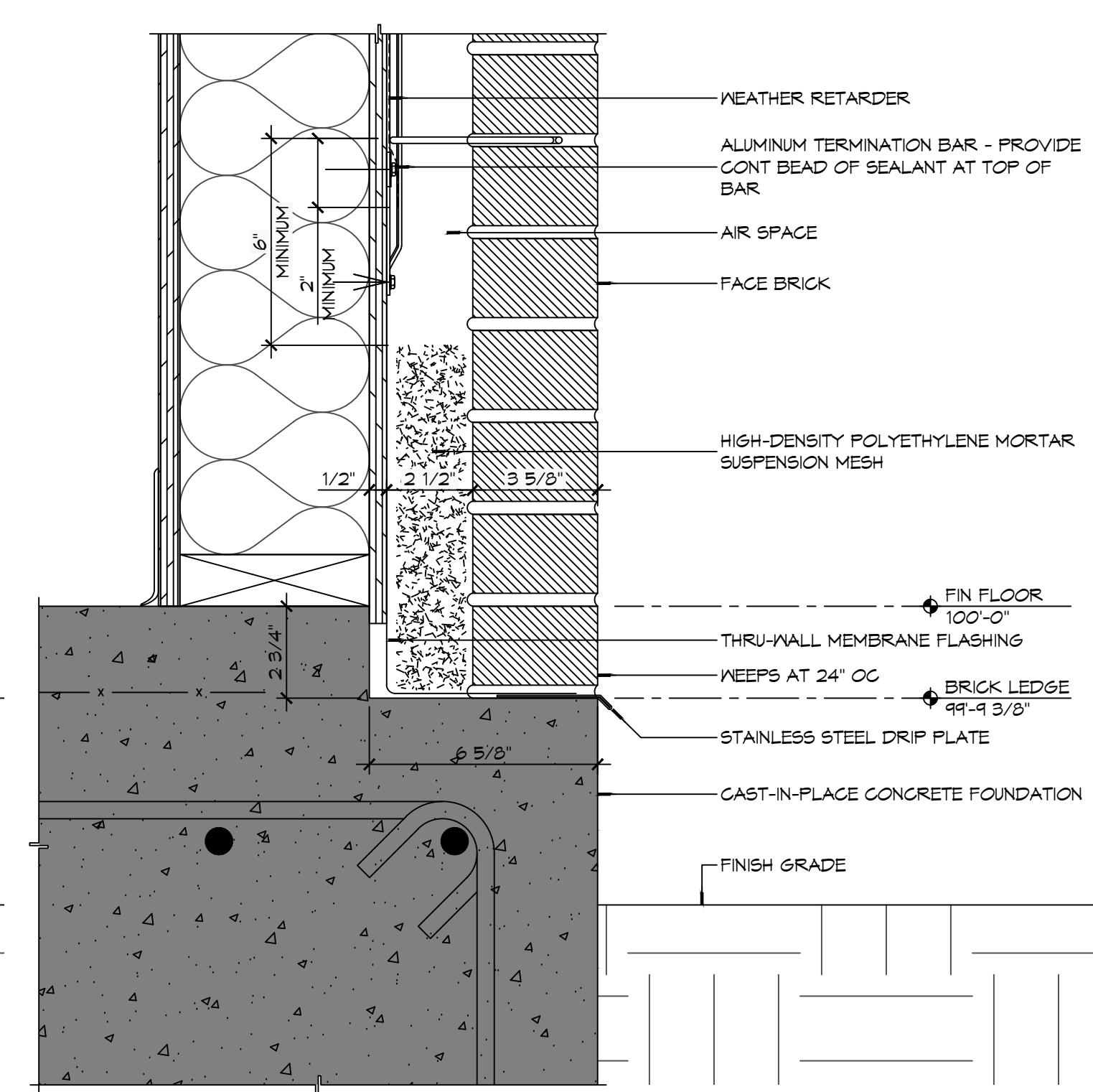
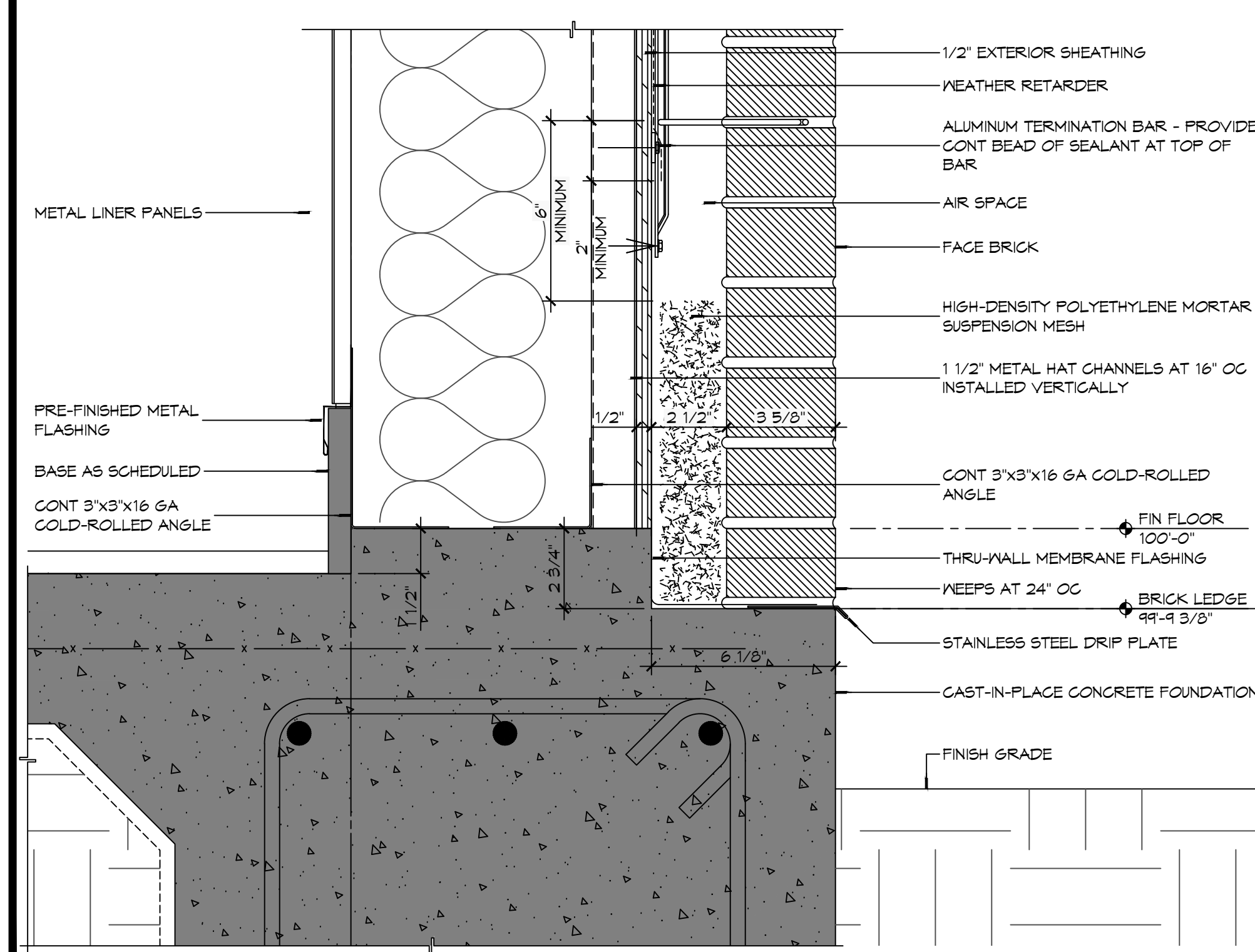
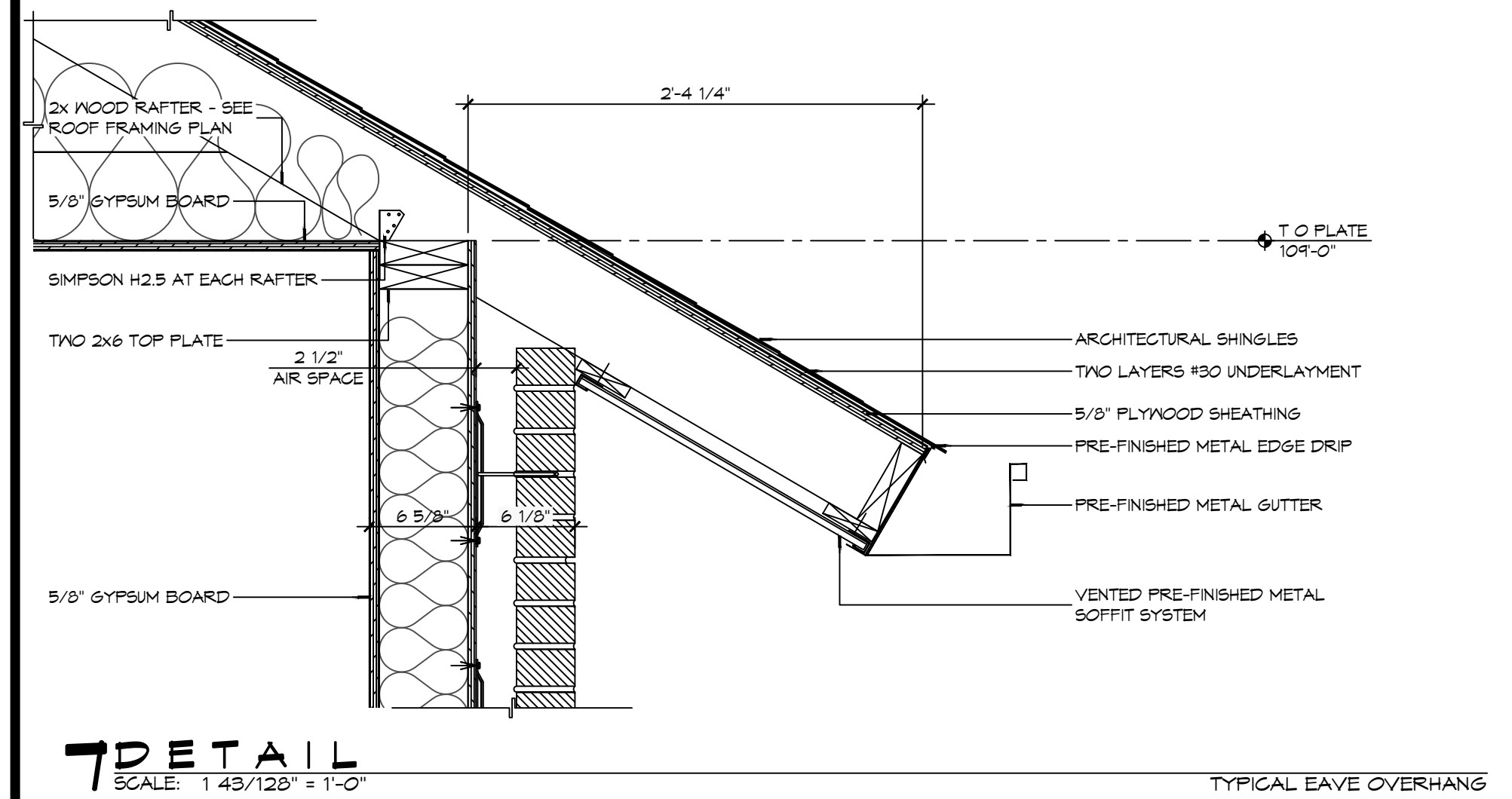
#	DESCRIPTION	DATE



NEW FIRE STATION #10  
ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1  
248 LAKESHORE VISTA BLVD  
SLIDELL, LA 70461  
JOB No: 2519 DATE: 12-05-2025  
DRAWN BY: CKD CHECKED BY: JMS

SHEET TITLE: BUILDING SECTIONS  
DRAWING NUMBER: **A310**  
SHEET No: 23 of 37

D:\E-MOD\A311 - Government\3110 - Fire Station 410\Drawings\General Details\A311 - Wall Sections & Details.dwg, PLOT DATE: 06/11/2025, 12:20:01 PM, 2025



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# DESCRIPTION	DATE



**NEW FIRE STATION #10  
ST. TAMMANY FIRE PROTECTION  
DISTRICT NO. 1**

2148 LAKESHORE VISTA BLVD  
 SLIDELL, LA 70461  
 JOB NO: 2519 DATE: 12-05-2025  
 DRAWN BY: CKD CHECKED BY: JME

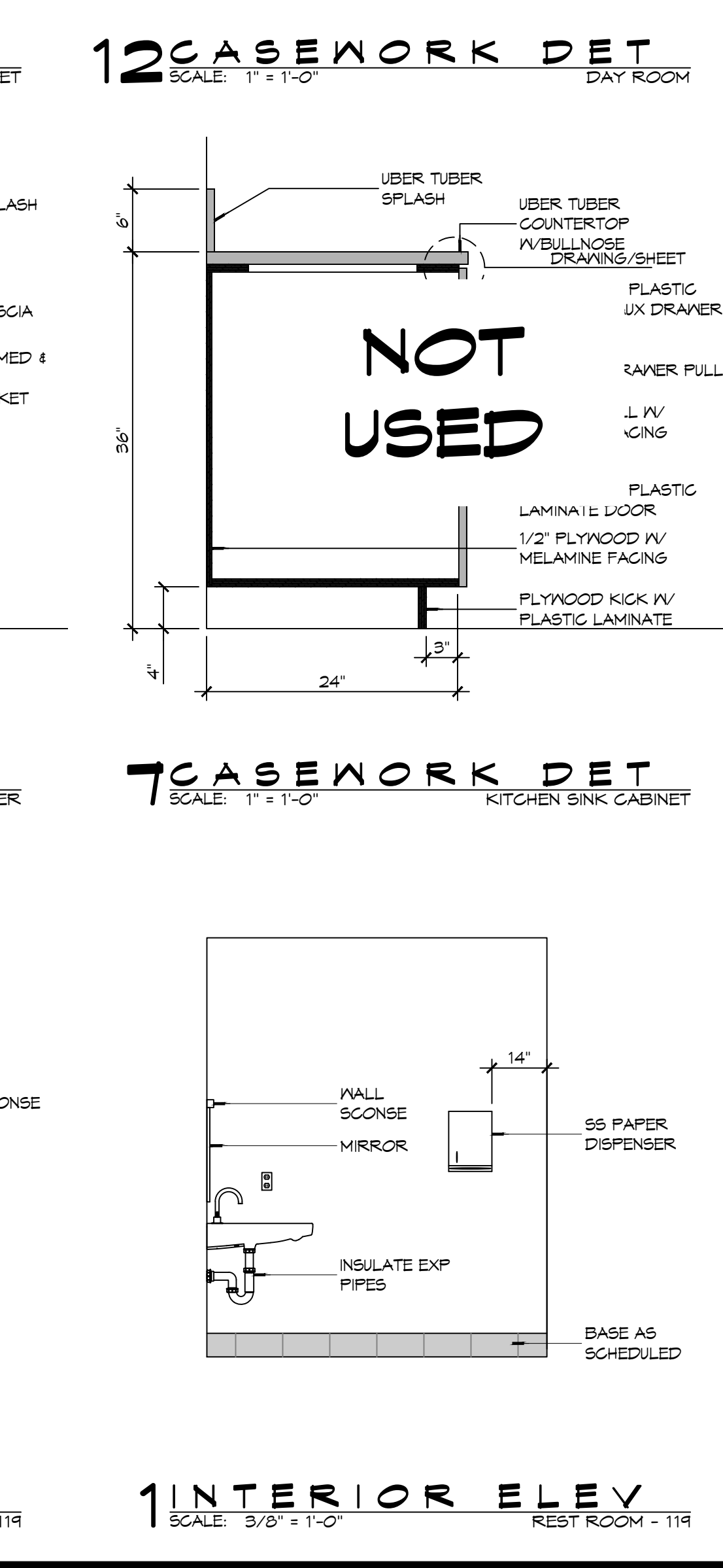
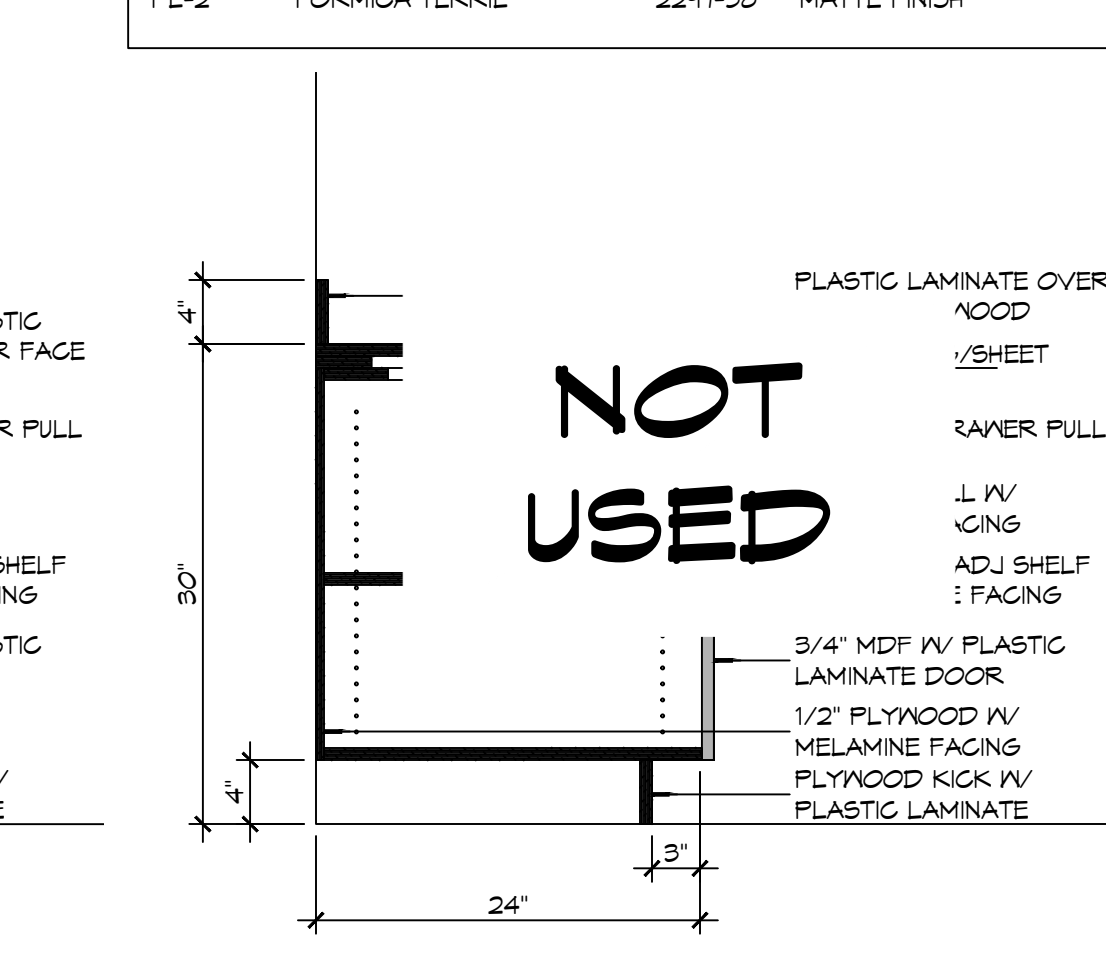
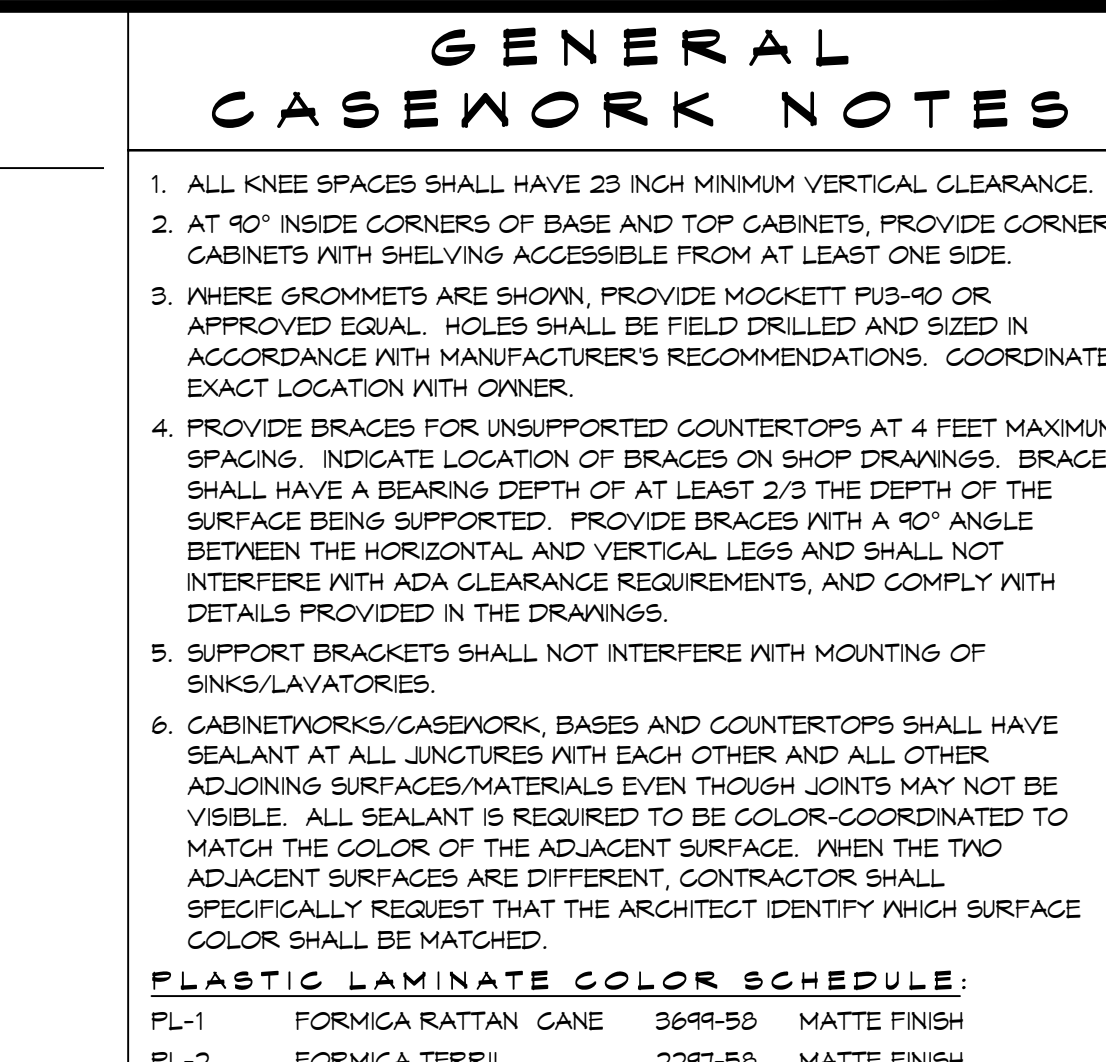
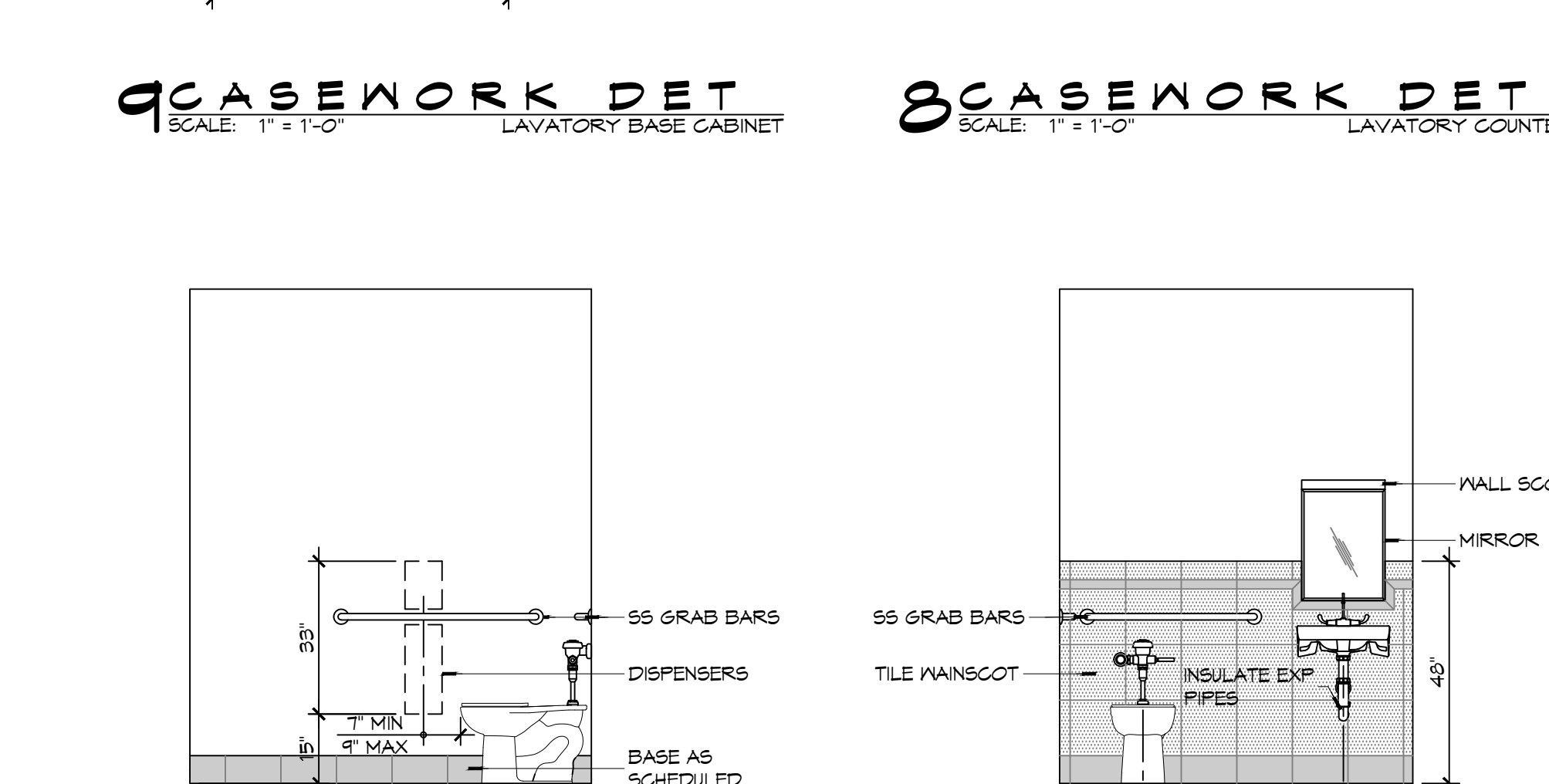
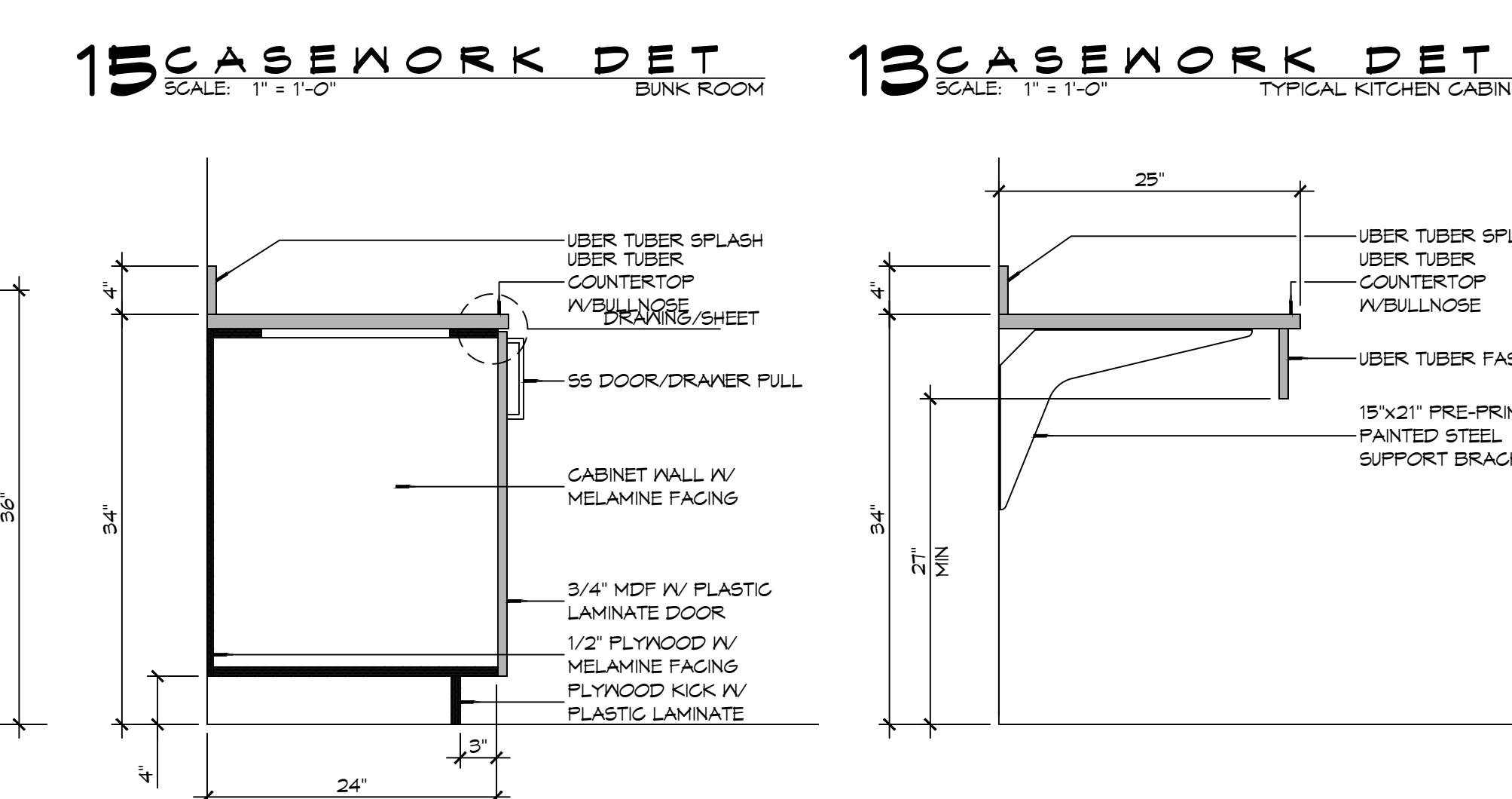
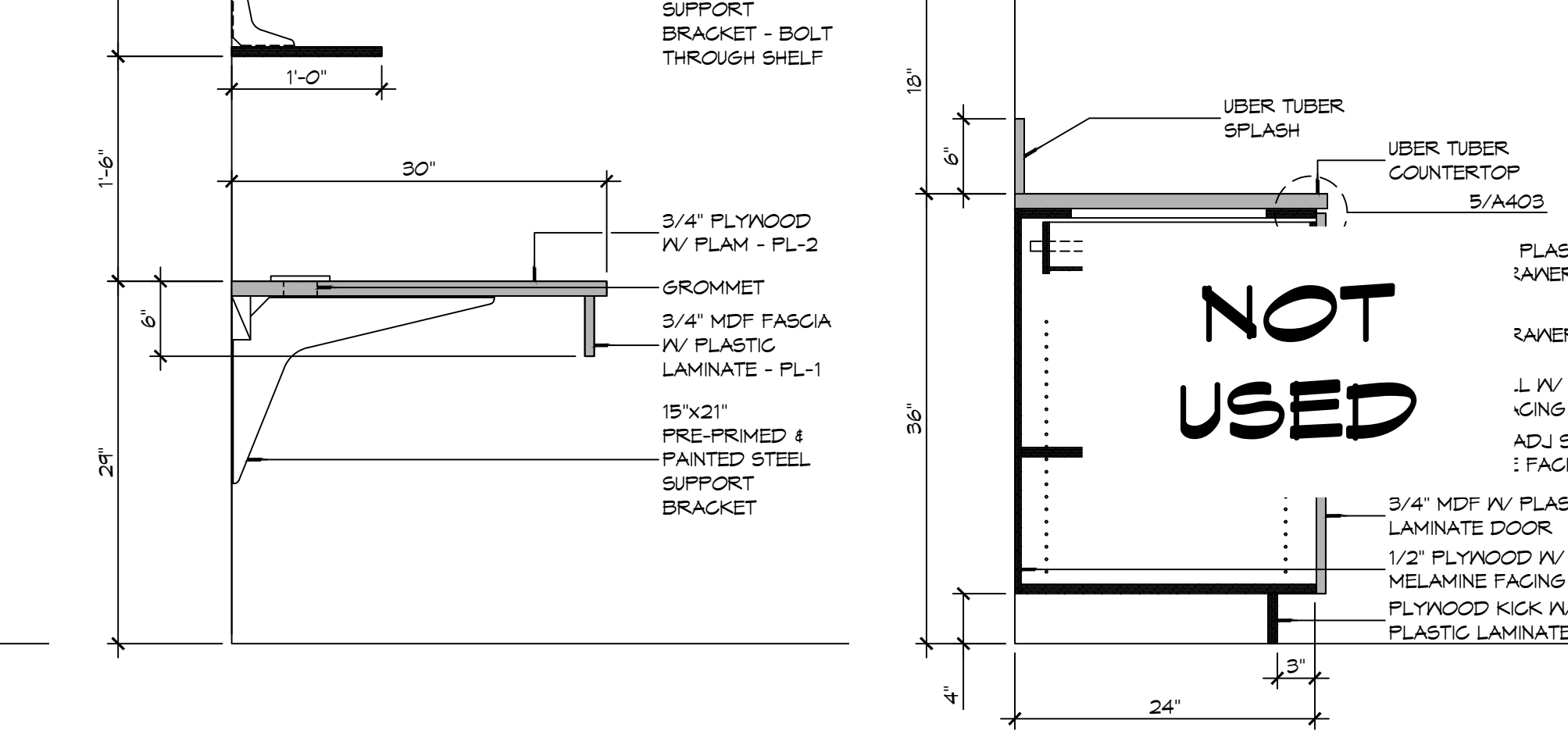
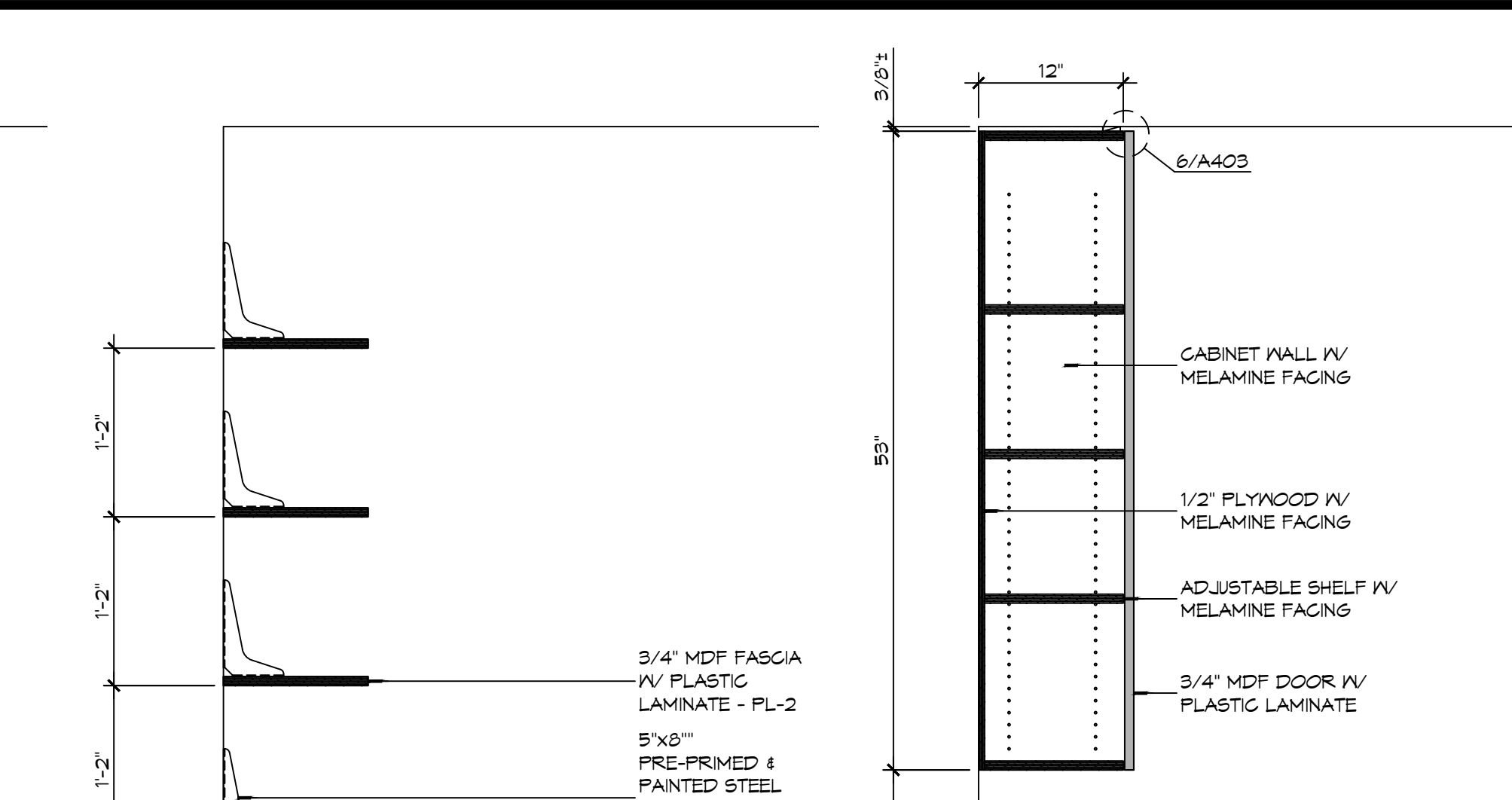
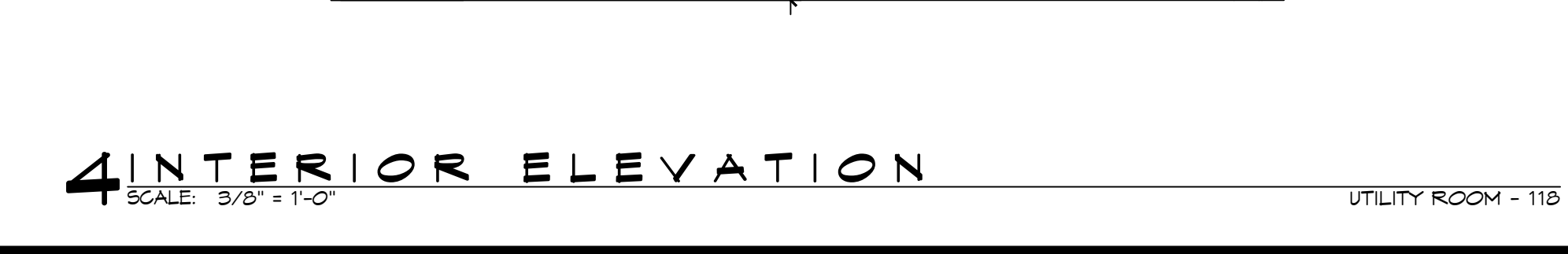
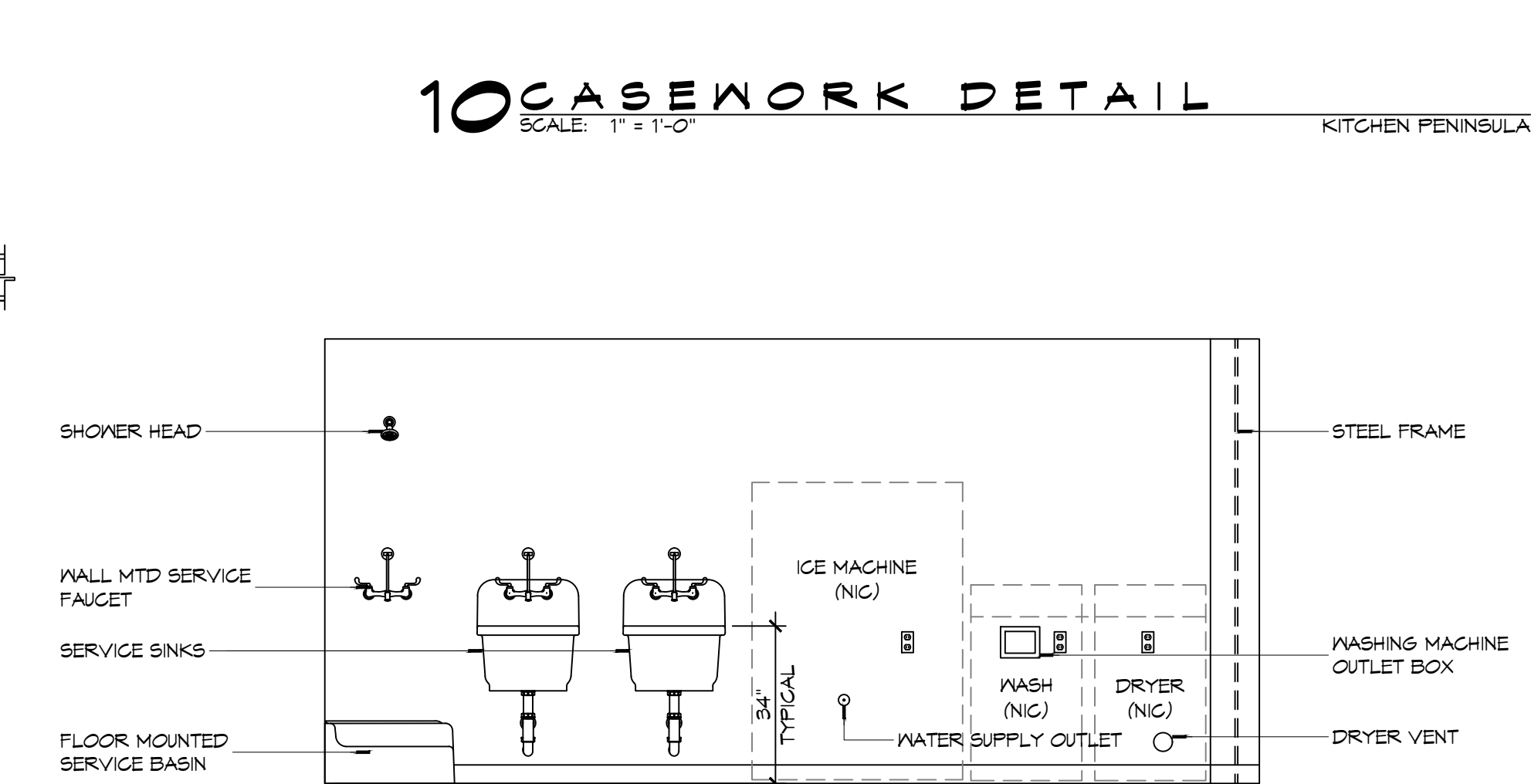
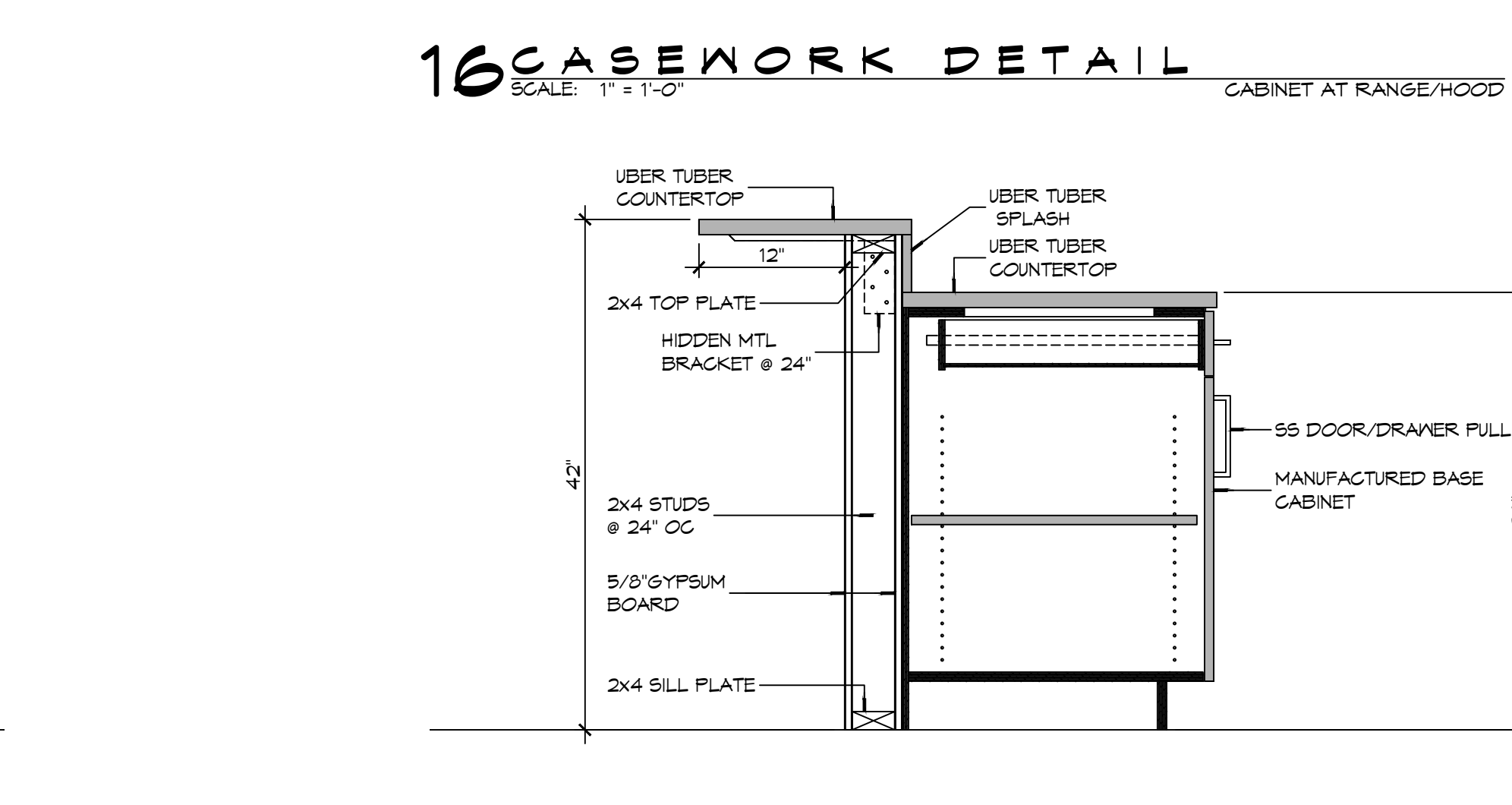
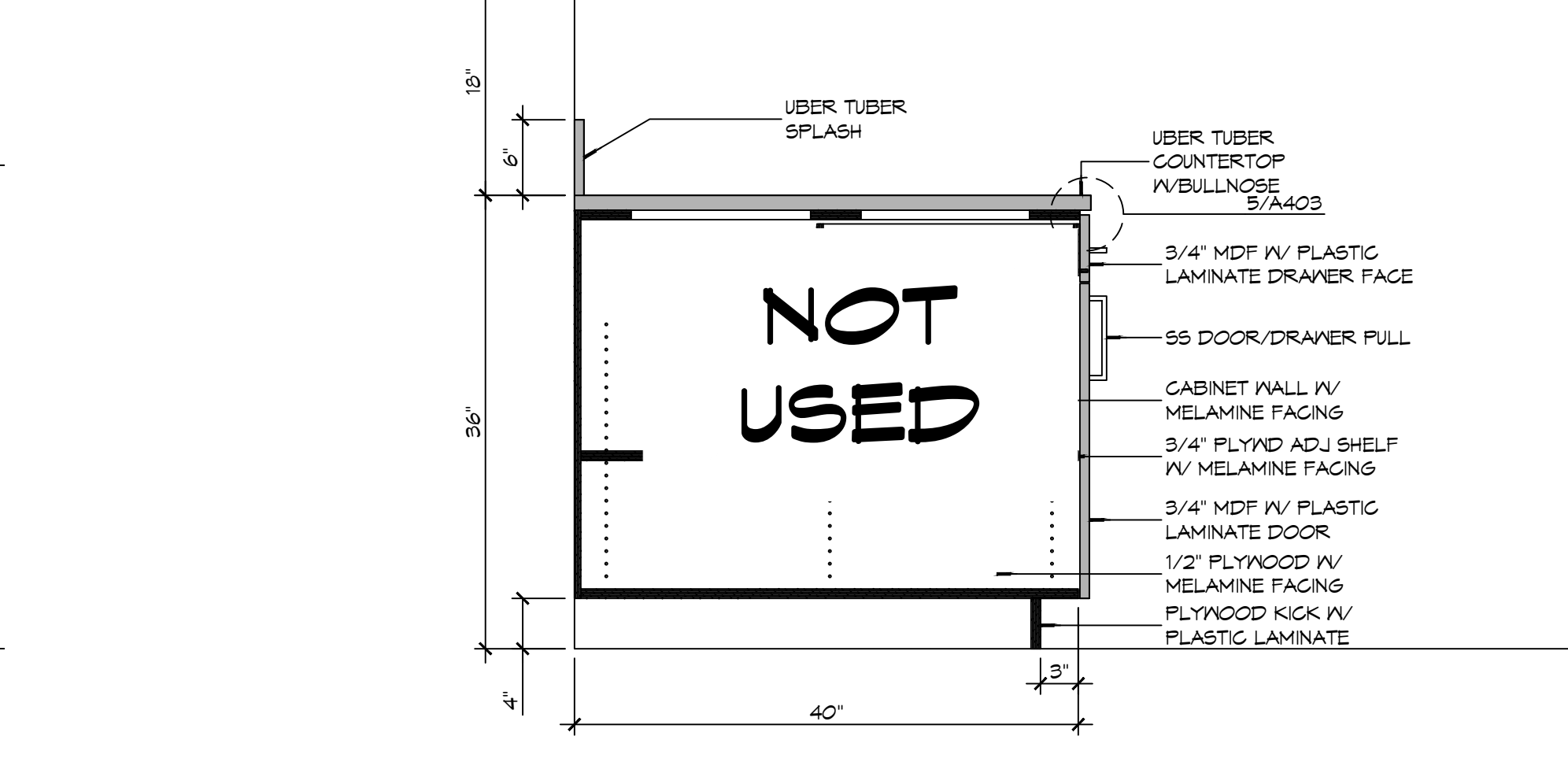
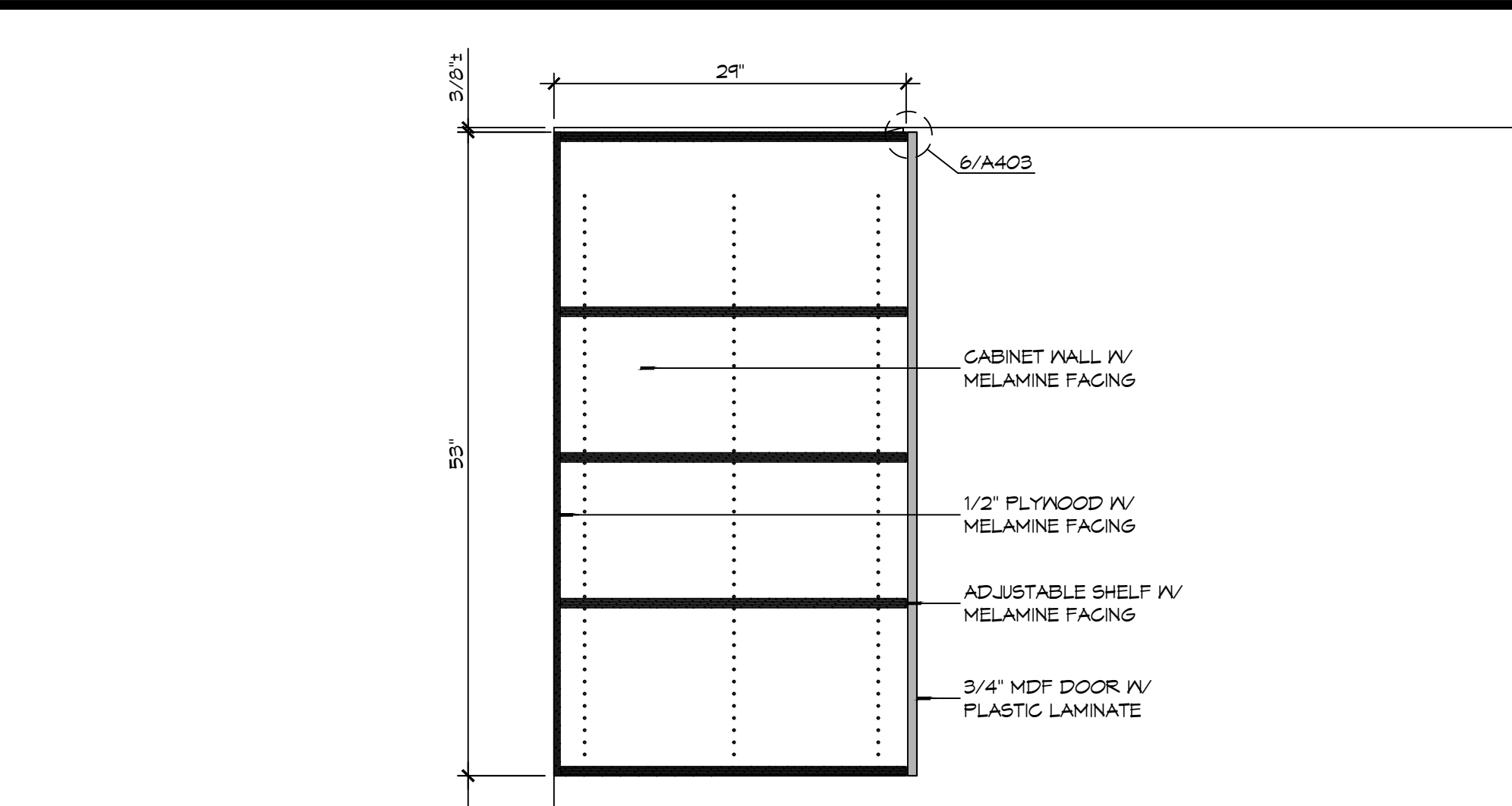
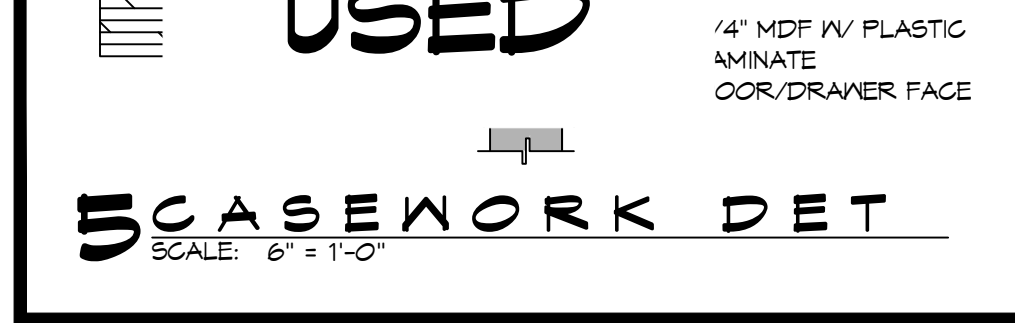
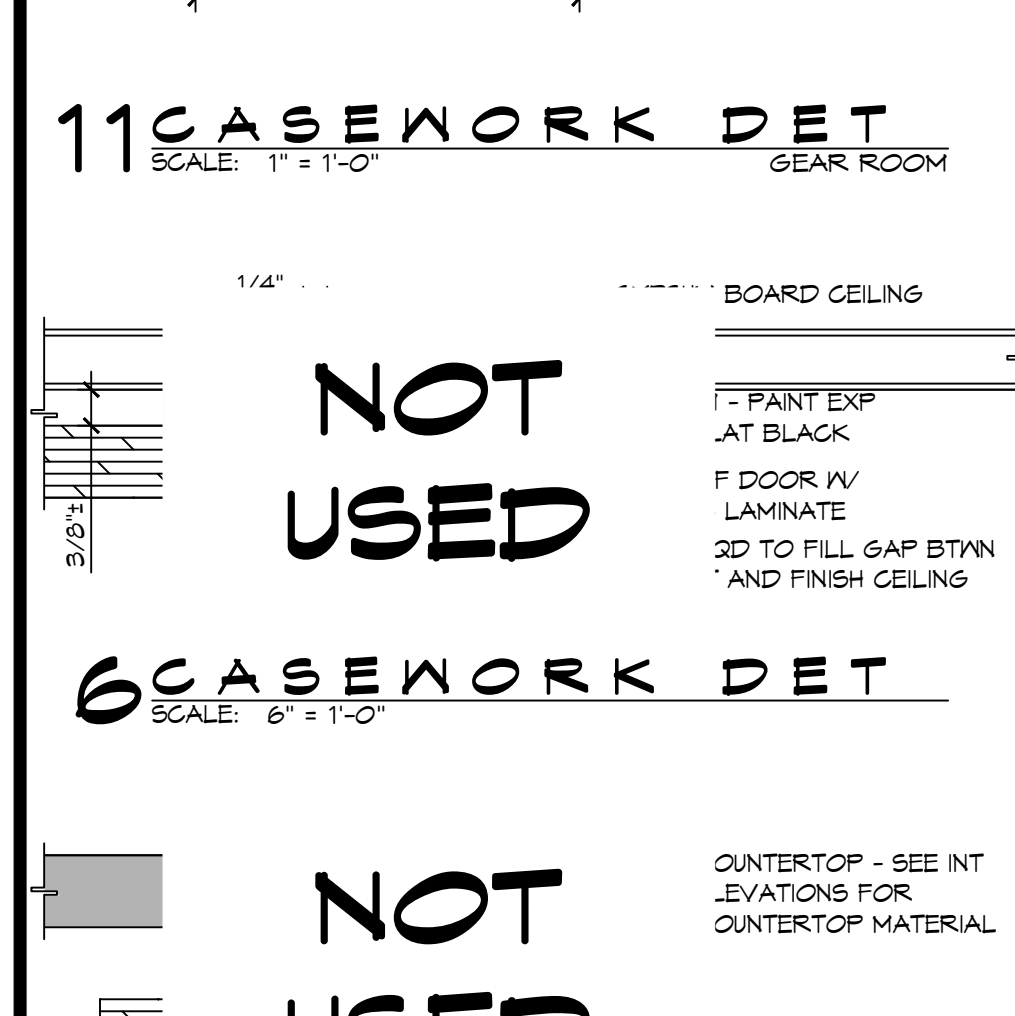
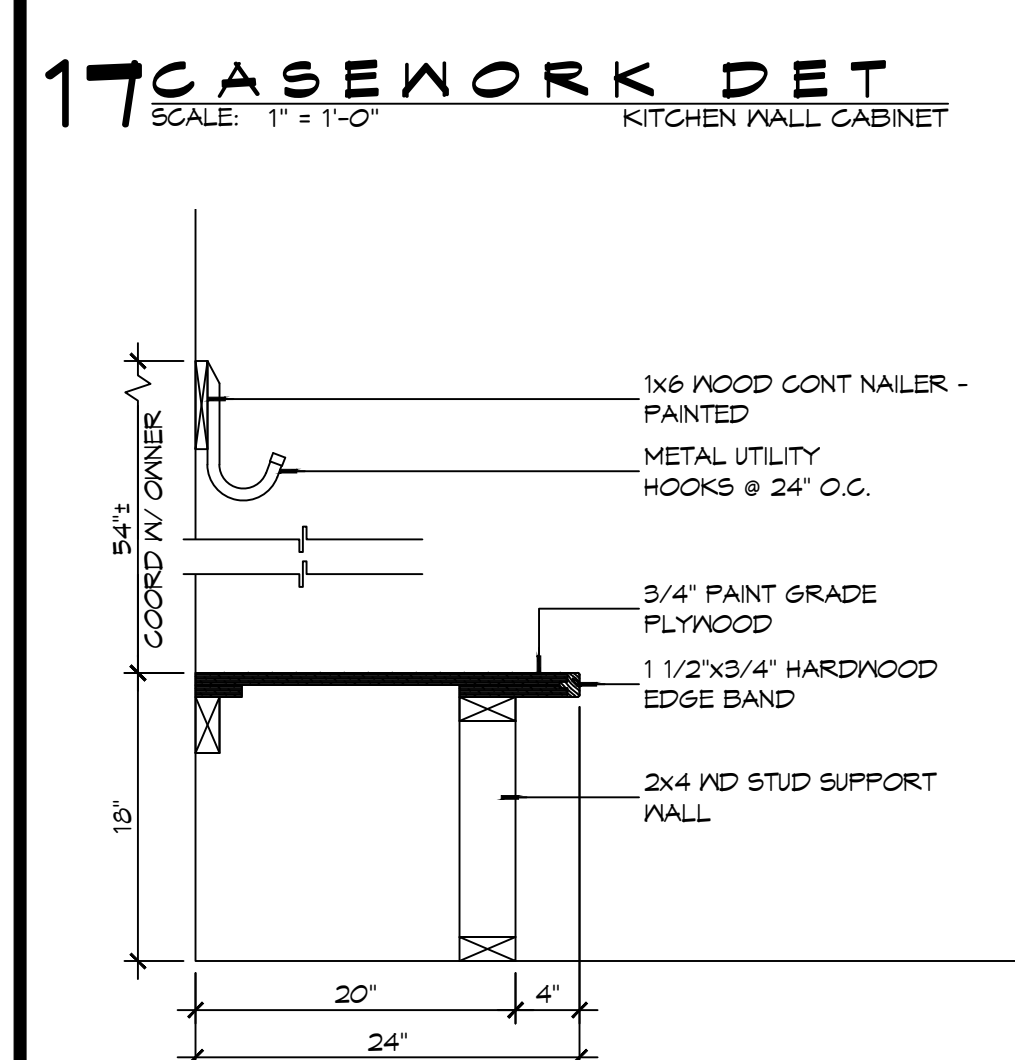
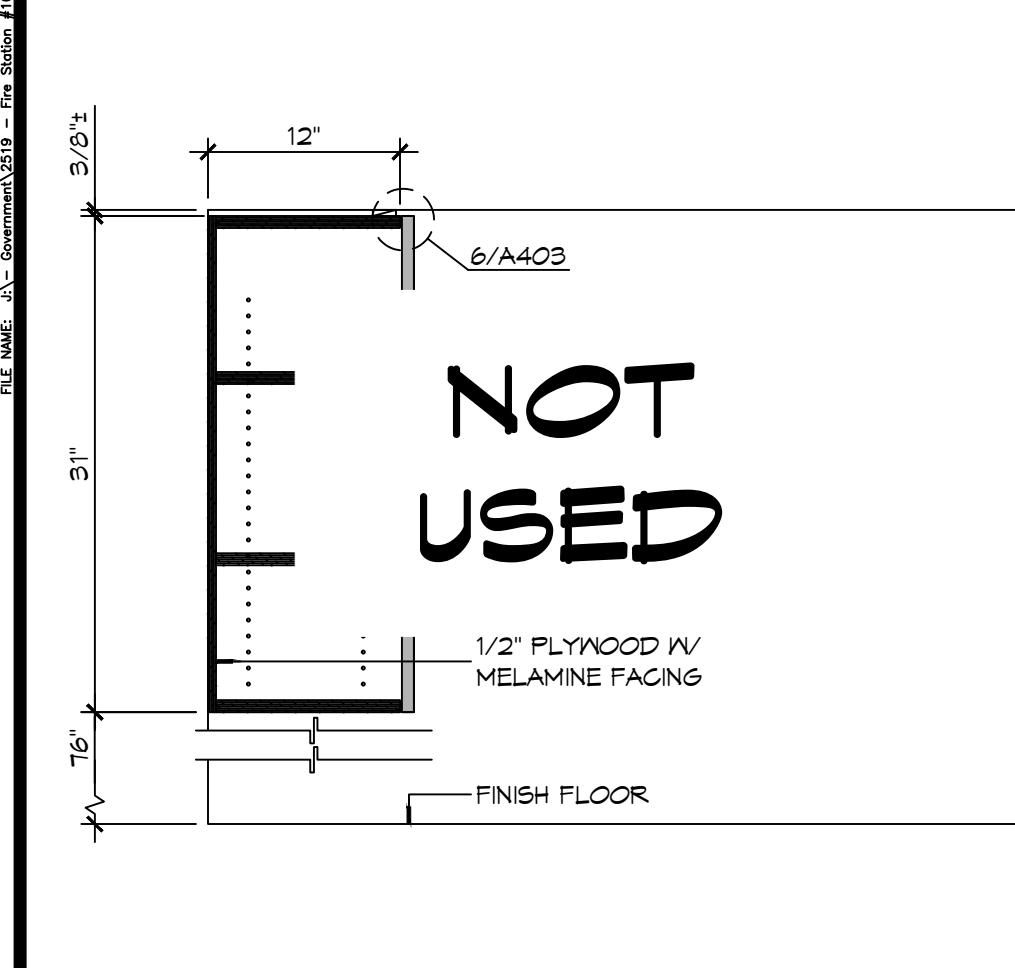
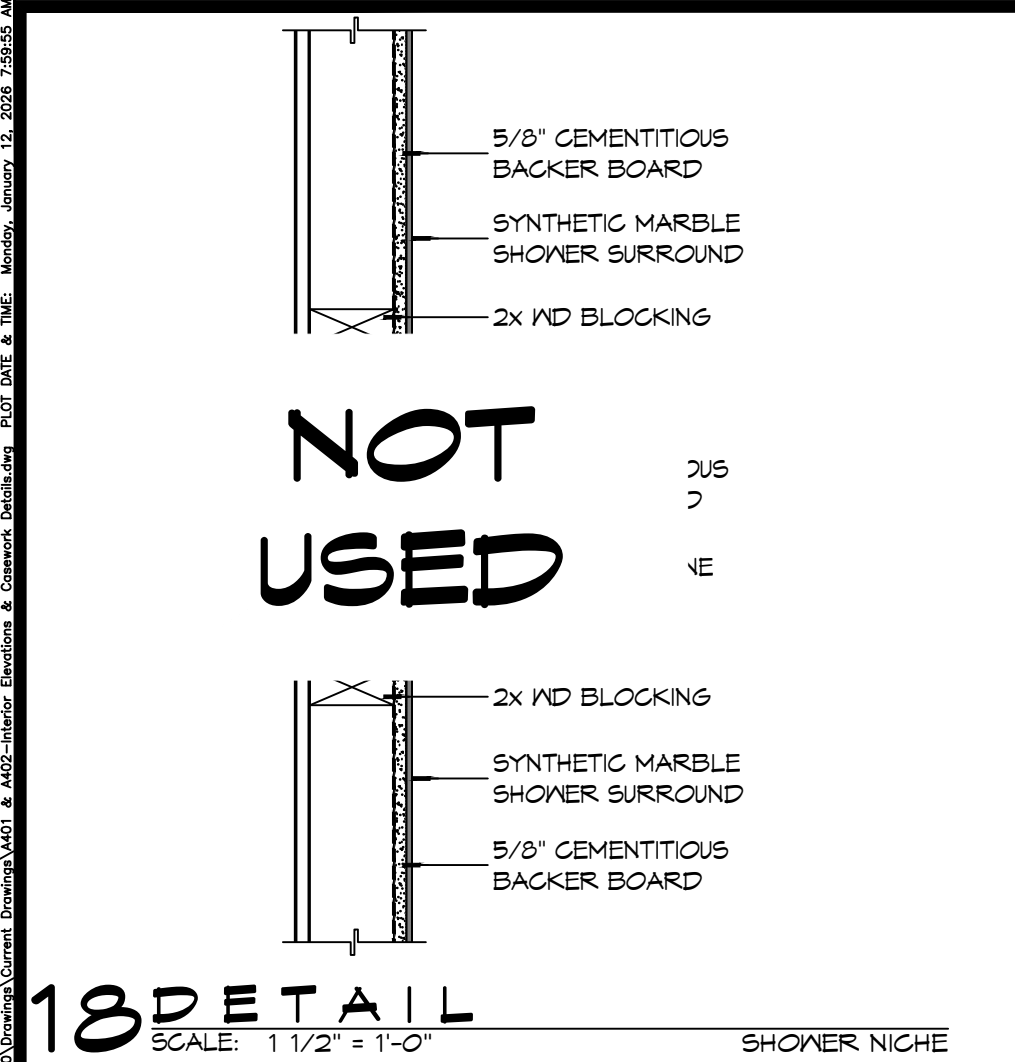
SHEET TITLE:  
WALL SECTIONS AND  
DETAILS

DRAWING NUMBER:  
**A311**

SHEET No: 24 of 37







**GENERAL CASEWORK NOTES**

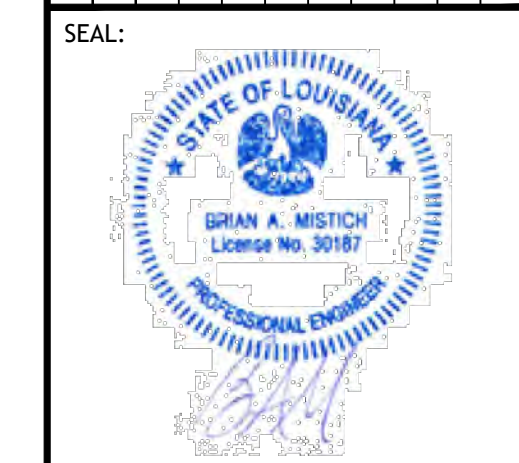
- ALL KNEE SPACES SHALL HAVE 23 INCH MINIMUM VERTICAL CLEARANCE.
- AT 90° INSIDE CORNERS OF BASE AND TOP CABINETS, PROVIDE CORNER CABINETS WITH SHELVING ACCESSIBLE FROM AT LEAST ONE SIDE.
- WHERE GROMMETS ARE SHOWN, PROVIDE MCKETT PUS-90 OR APPROVED EQUAL. HOLES SHALL BE FIELD DRILLED AND SIZED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. COORDINATE EXACT LOCATION WITH OWNER.
- PROVIDE BRACES FOR UNSUPPORTED COUNTERTOPS AT 4 FEET MAXIMUM SPACING. INDICATE LOCATION OF BRACES ON SHOP DRAWINGS. BRACES SHALL HAVE A BEARING DEPTH OF AT LEAST 2/3 THE DEPTH OF THE SURFACE BEING SUPPORTED. PROVIDE BRACES WITH A 90° ANGLE BETWEEN THE HORIZONTAL AND VERTICAL LEGS AND SHALL NOT INTERFERE WITH ADA CLEARANCE REQUIREMENTS, AND COMPLY WITH DETAILS PROVIDED IN THE DRAWINGS.
- SUPPORT BRACKETS SHALL NOT INTERFERE WITH MOUNTING OF SINKS/LAVATORIES.
- CABINETWORKS/CASEWORK, BASES AND COUNTERTOPS SHALL HAVE SEALANT AT ALL JUNCTURES WITH EACH OTHER AND ALL OTHER ADJOINING SURFACES/MATERIALS EVEN THOUGH JOINTS MAY NOT BE VISIBLE. ALL SEALANT IS REQUIRED TO BE COLOR-COORDINATED TO MATCH THE COLOR OF THE ADJACENT SURFACE. WHEN THE TWO ADJACENT SURFACES ARE DIFFERENT, CONTRACTOR SHALL SPECIFICALLY REQUEST THAT THE ARCHITECT IDENTIFY WHICH SURFACE COLOR SHALL BE MATCHED.

**PLASTIC LAMINATE COLOR SCHEDULE:**

PL-1	FORMICA RATTAN CANE	3699-58	MATTE FINISH
PL-2	FORMICA TERRIL	2291-58	MATTE FINISH

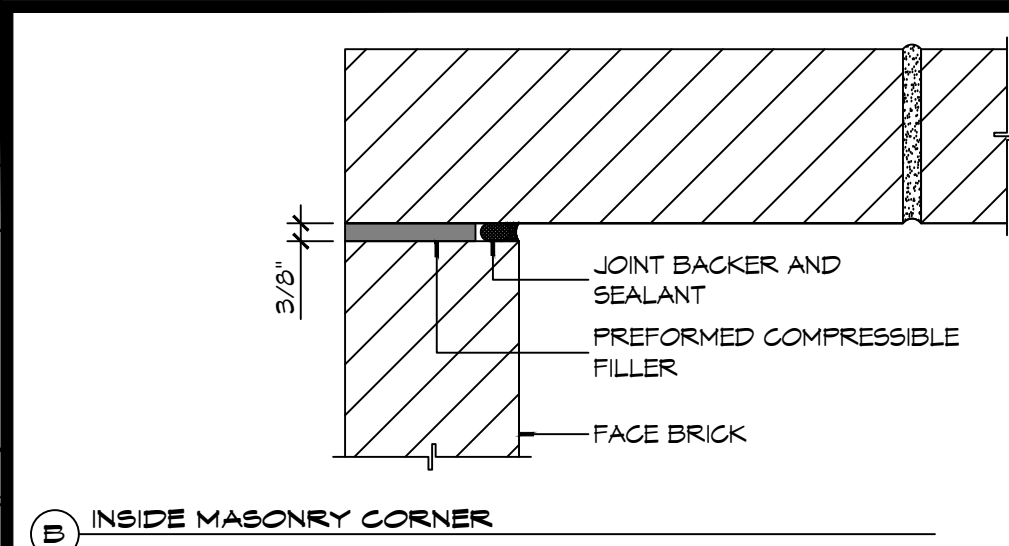
**DAMMON ENGINEERING, INC.**  
LOUISIANA & MISSISSIPPI  
Chief Engineer: Brian M. Misch, PE  
554 Old Spanish Trail  
Slidell, LA 70458  
www.dammonengineering.com  
info@dammonengineering.com  
PH: 985.649.5832

#	DESCRIPTION	DATE

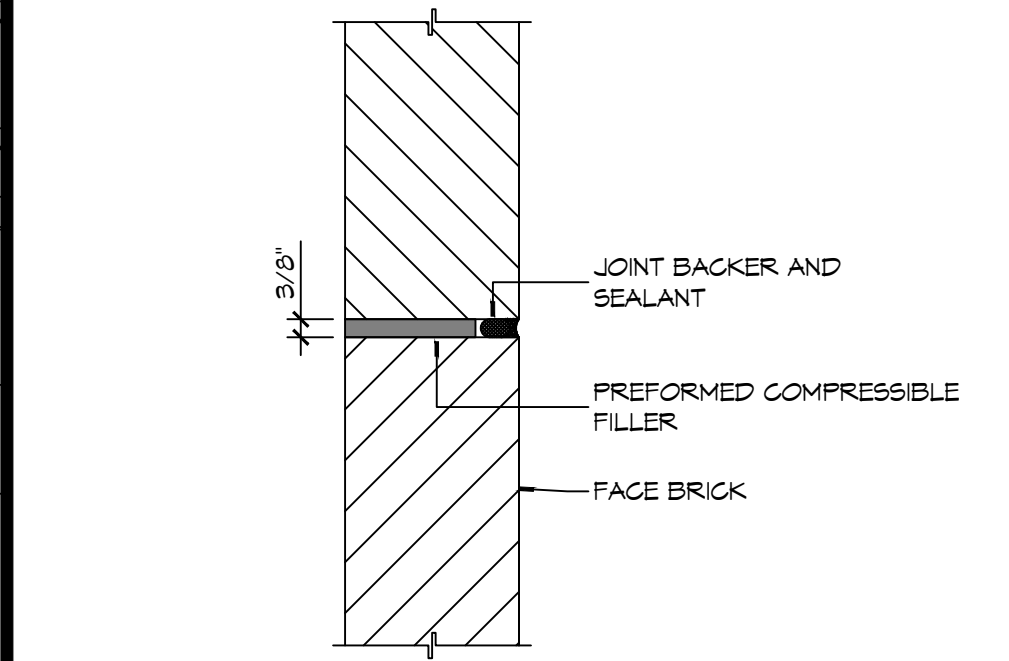


NEW FIRE STATION #10  
ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1  
248 LAKESHORE VISTA BLVD  
SLIDELL, LA 70461  
JOB NO: 2519  
DATE: 12-05-2025  
DRAWN BY: JMS  
CHECKED BY: CKD  
SHEET TITLE: INTERIOR ELEVATIONS AND CASEWORK DETAILS  
DRAWING NUMBER: **A402**  
SHEET No: 26 of 31

FILE NAME: A:\1 - General\1313 - The Dome A501\Architect\Drawings\A501-Partition Details.dwg, PLOT DATE: 4/26/2016, PLOT TIME: 10:28:00 AM, PLOT BY: JMS



**B INSIDE MASONRY CORNER**



**A IN-LINE MASONRY**

**NOT USED**

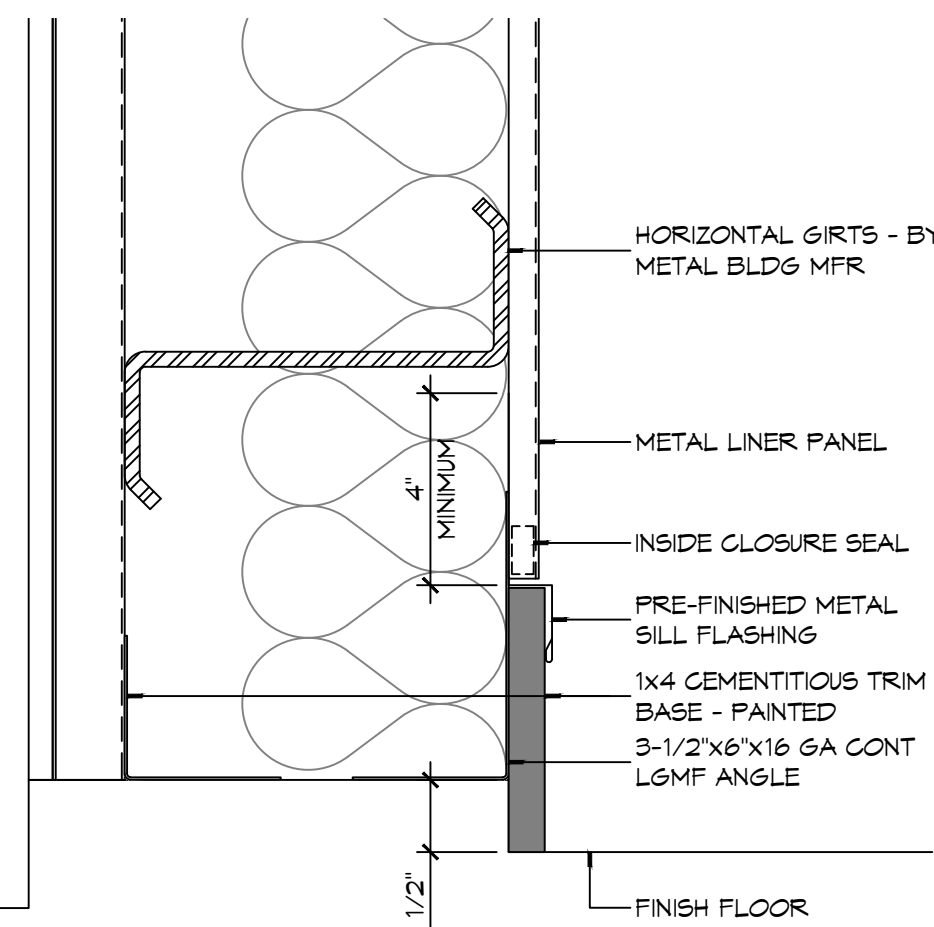
**NOT USED**

**8 DETAIL**  
SCALE: 3" = 1'-0" TYPICAL MASONRY CONTROL JOINT

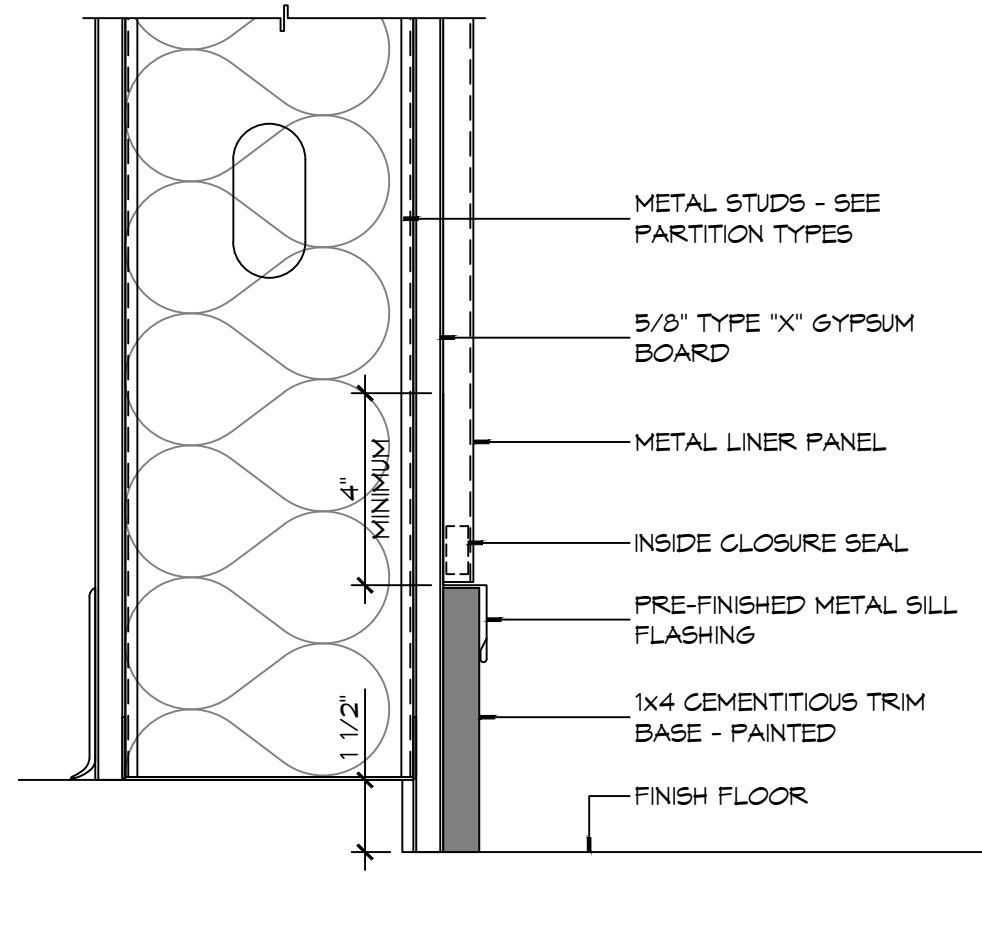
**7 DETAIL**  
SCALE: 1 1/2" = 1'-0" MASONRY SHELF ANGLE AT ROOF

**6 DETAIL**  
SCALE: 1 1/2" = 1'-0" MASONRY SHELF ANGLE AT ROOF

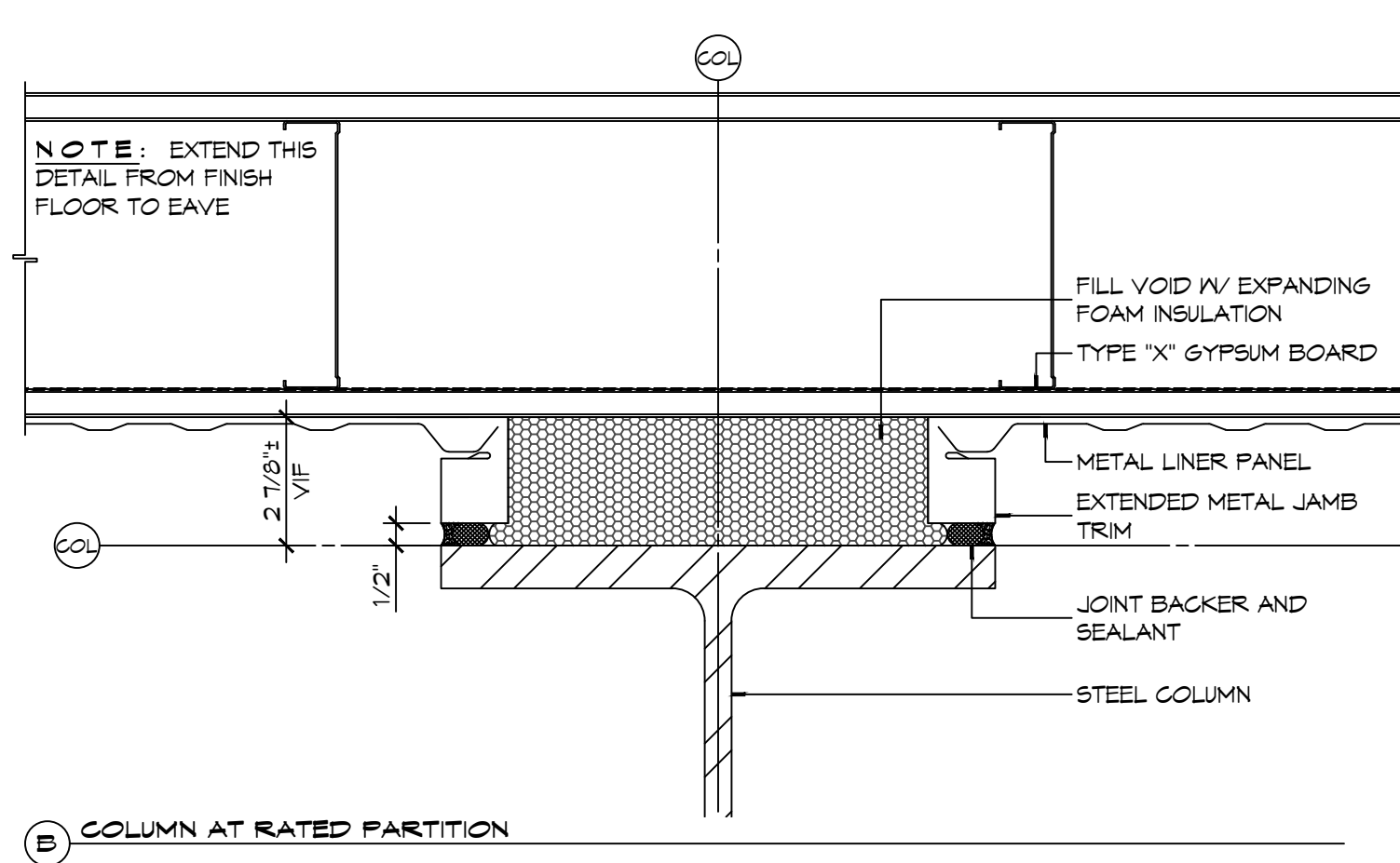
**5 LADDER DETAILS**  
SCALE: 1/2" = 1'-0"



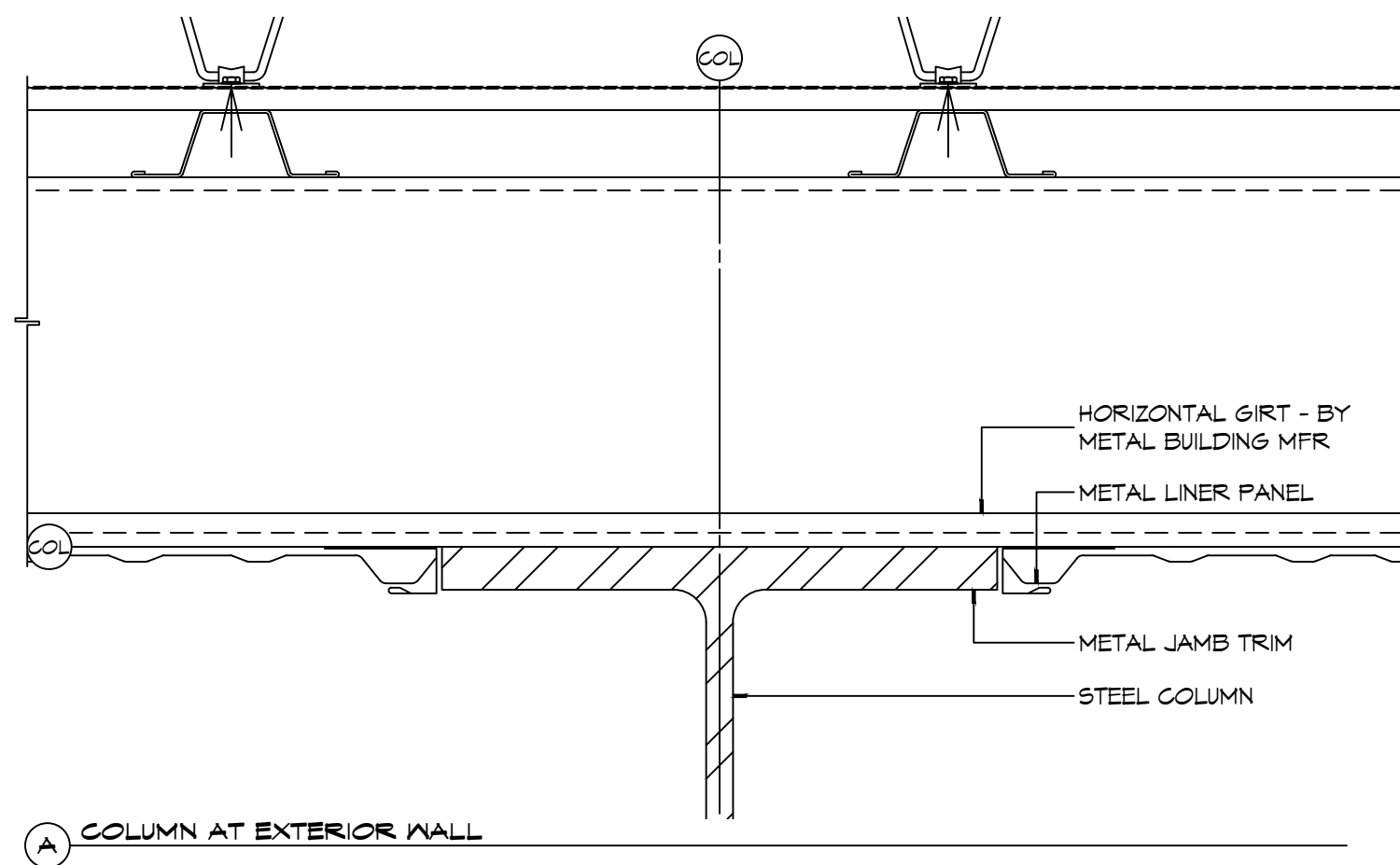
**4 DETAIL**  
SCALE: 3" = 1'-0" TYPICAL BASE/LINER PANEL JUNCTION



**3 DETAIL**  
SCALE: 3" = 1'-0" TYPICAL BASE/LINER PANEL JUNCTION



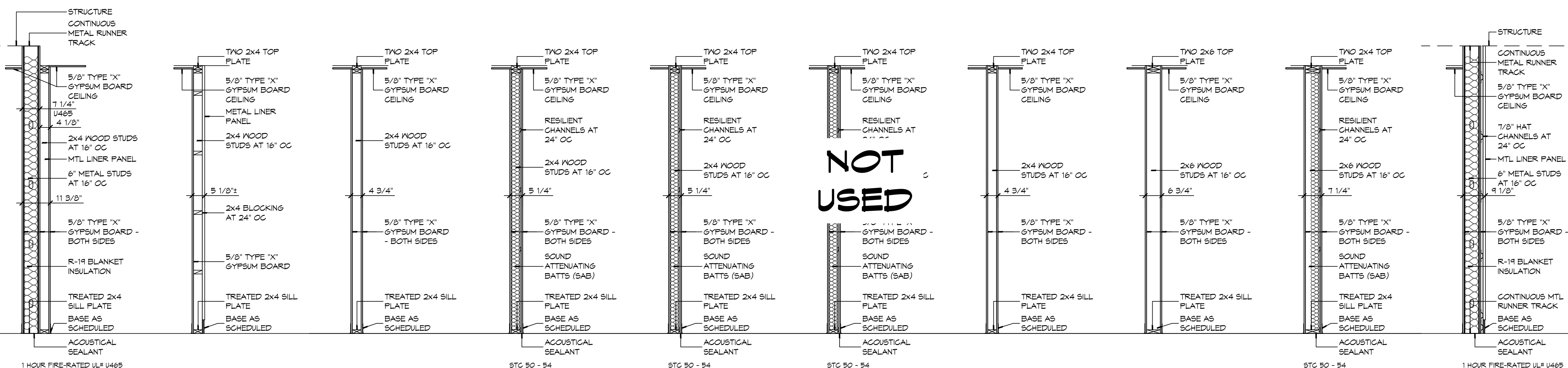
**B COLUMN AT RATED PARTITION**



**A COLUMN AT EXTERIOR WALL**

**2 PLAN DETAILS**  
SCALE: 3" = 1'-0"

**TYPICAL COLUMN/LINER PANEL JUNCTION**



**1 PARTITION TYPES**  
SCALE: 1/2" = 1'-0"

**NOT USED**

NOTE: FINISHED ASSEMBLY TO BE PRIMED AND PAINTED

**PARTITION NOTES**

1. THE "PARTITION TYPE TAG", ILLUSTRATED ON SHEET 0001, INDICATES THE ASSEMBLY OF THE GENERAL EXTENTS OF EACH PARTITION INDICATED BY THE TAG ON THE FLOOR PLANS.
2. WHERE RATED PARTITIONS ARE INDICATED, REFER TO THE REFERENCED ASSEMBLY DIRECTORY FOR THE COMPLETE EXTENT OF THE ASSEMBLY CITED.
3. SEE LIFE SAFETY PLAN FOR LOCATIONS OF RATED PARTITIONS.
4. CONTRACTOR SHALL REPORT TO THE ARCHITECT ANY CONFLICTS BETWEEN THE INDICATED FIRE RATINGS OF THE PARTITION AND THAT INDICATED ON THE LIFE SAFETY PLAN. DO NOT PROCEED WITH CONSTRUCTION OF PARTITION UNTIL CONFLICT HAS BEEN RESOLVED TO THE SATISFACTION OF THE ARCHITECT.
5. UL DESIGN NUMBERS REFER TO THE UNDERWRITERS LABORATORIES FIRE RESISTANCE DIRECTORY - LATEST EDITION.
6. ALL FIRE RATED ASSEMBLIES SHALL HAVE FIRESTOPS AT THE HEAD, SILL, THROUGH PENETRATIONS, OPENINGS, AND JUNCTURES WITH DISSIMILAR MATERIALS. SMOKE RESISTANT ASSEMBLIES SHALL BE SEALED AT SIMILAR CONDITIONS.
7. NON-RATED PARTITIONS SHALL HAVE SEALANTS AT THE HEAD, SILL, THROUGH PENETRATIONS, OPENINGS, AND JUNCTURES WITH DISSIMILAR MATERIALS.
8. EXTEND RATED PARTITIONS THROUGH THE INTERIOR FACE OF EXTERIOR WALL GYPSUM BOARD AND SEAL TO THE INSIDE FACE OF THE EXTERIOR WALL SHEATHING.
9. MAINTAIN THE FIRE-PROTECTION RATINGS FOR ALL OPENINGS AND PENETRATIONS IN RATED PARTITIONS.
10. REFER TO STRUCTURAL DRAWINGS FOR EXTENT AND DESCRIPTION OF INTERIOR STRUCTURAL WALLS NOT INDICATED AS SUCH ON FLOOR PLANS.
11. INSTALL BLOCKING OR BACKER MATERIAL FOR ATTACHMENT/MOUNTING FOR WALL HUNG ITEMS OR EQUIPMENT DESCRIBED IN DOCUMENTS.
12. UL AND SA (GYPSUM ASSOCIATION) TEST NUMBERS MAY VARY ON THE MANUFACTURER OR COMPONENTS ACTUALLY USED.
13. PROVIDE TYPE 'X' GYPSUM BOARD UNLESS OTHERWISE NOTED.
14. PROVIDE WATER RESISTANT GYPSUM BOARD (WRGB) AT AREAS THAT ARE SCHEDULED TO RECEIVE CERAMIC TILE FINISH.
15. PROVIDE 5/8" CEMENTITIOUS BACKER BOARD (CBB) AT SHOWER AREAS AND OTHER WET AREAS THAT ARE INDICATED TO RECEIVE TILE IN THE INTERIOR ELEVATIONS.
16. INSTALLATION OF GYPSUM BOARD, BACKER BOARD, AND BASE BOARD SHALL CONFORM TO THE REQUIREMENTS FOR FIRE RATINGS AND ACOUSTICAL RATINGS.
17. ROOMS WITH SOUND ATTENUATING BLANKETS (SAB) ARE IDENTIFIED IN THE PARTITION TYPE DESCRIPTION. EXTEND SAB THE FULL LENGTH AND HEIGHT OF ALL ROOM PERIMETER PARTITIONS TO PROVIDE A COMPLETE ROOM ENCLOSURE.
  - a. NOTE THAT 3-1/2" FIBERGLASS BATTS OR 2" MINERAL WOOL FIBER MAY BE SUBSTITUTED FOR SOUND ATTENUATING BLANKETS.
18. LINE OF "STRUCTURE" AS SHOWN AT PARTITION TYPE HEAD CONDITIONS IS DIAGRAMMATIC ONLY AND DOES NOT INDICATE EXACT CONSTRUCTION CONDITIONS. OFFSET PARTITION CONSTRUCTION AS NECESSARY TO EXTEND WALL TO DECK ABOVE AND SEAL AS INDICATED.
19. WHERE PARTITIONS AND/OR FURRING MEET, MAINTAIN A FLUSH SURFACE ON THE SIDE WHERE THE FINISH IS STRAIGHT OR CONTINUOUS UNLESS NOTED OTHERWISE.
20. INDICATED STC RATING IS BASED UPON USG ACOUSTICAL ASSEMBLIES GUIDELINES.

**STENCIL DETAIL**

**1 HR FIRE RATED WALL DO NOT PENETRATE**

THE ABOVE WORDING SHALL BE LOCATED AT 10'-0" INTERVALS ABOVE CEILING ON FIRE PARTITIONS NO LESS THAN ONCE FOR EACH SPACE.  
PROVIDE PAINTED STENCIL LETTERING IN RED PERMANENT PAINT ABOVE CEILING LINE INDICATING WALL RATINGS.  
STATE FIRE RATING INDICATED ON LIFE SAFETY PLAN.

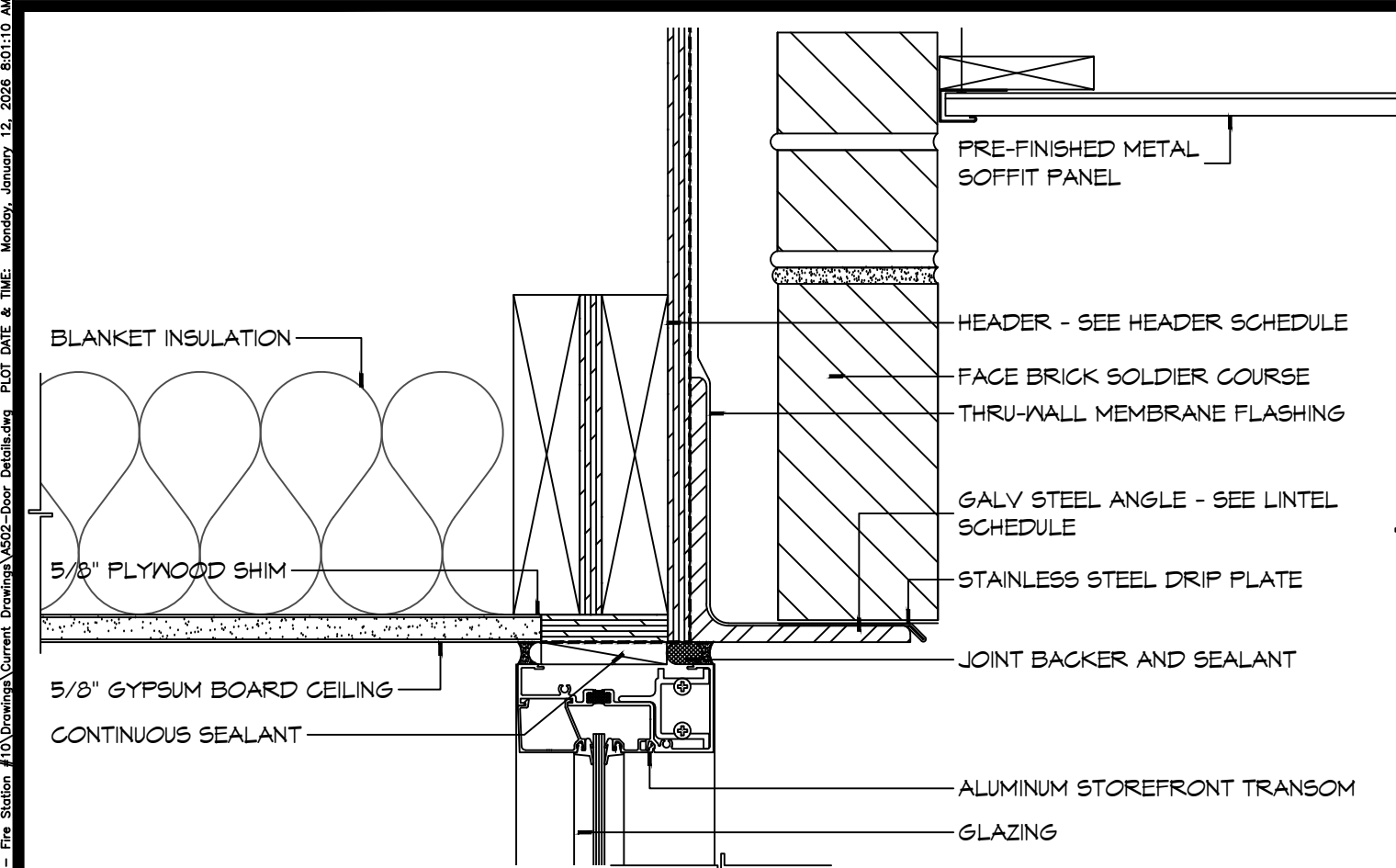
**DAMMON ENGINEERING, INC.**  
LOUISIANA & MISSISSIPPI  
Chief Engineer: Brian Mistich, PE  
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#	DESCRIPTION	DATE

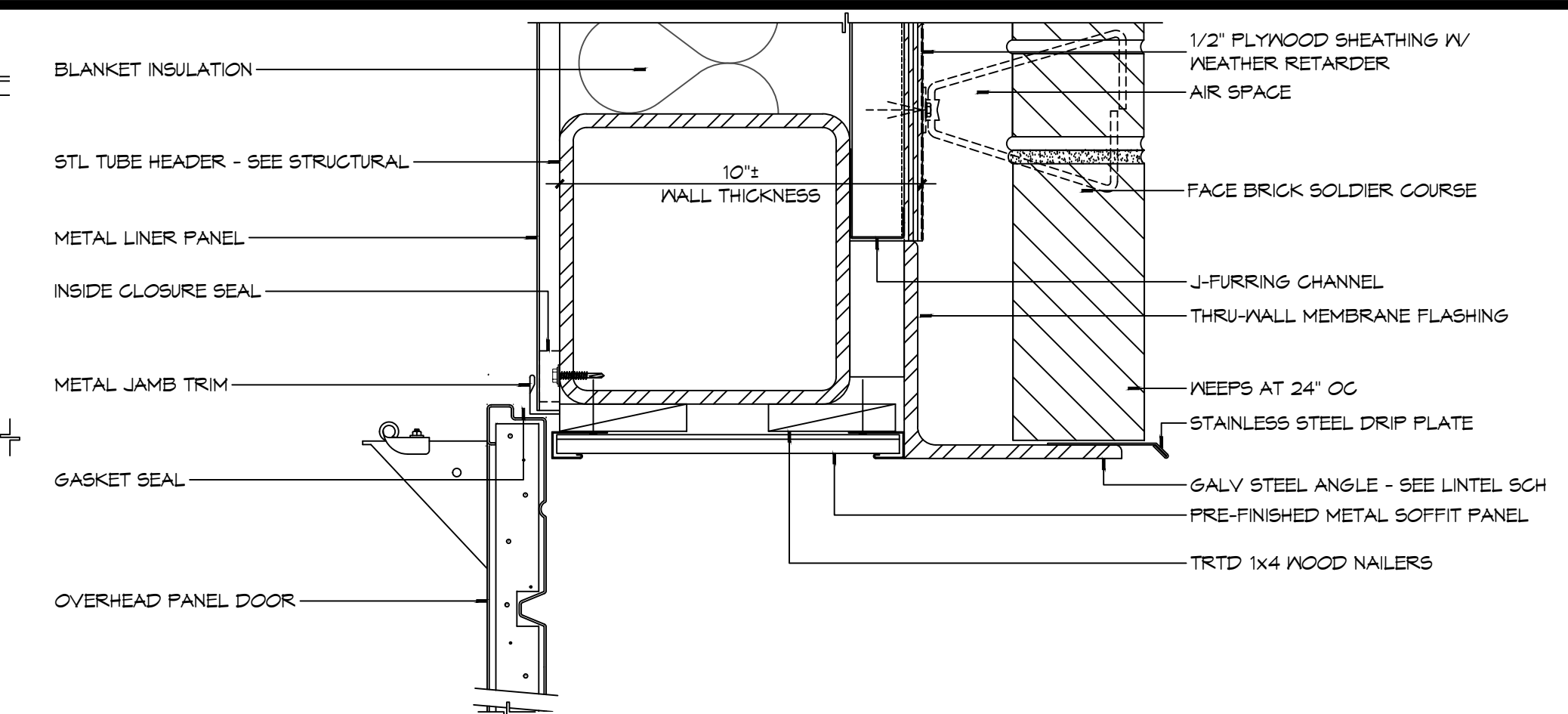


**NEW FIRE STATION #10**  
**ST. TAMMANY FIRE PROTECTION DISTRICT No. 1**  
248 LAKESHORE VISTA BLVD  
SLIDELL, LA 70461  
JOB No: 2519 DATE: 12-05-2025  
DRAWN BY: JMS CHECKED BY: CKD

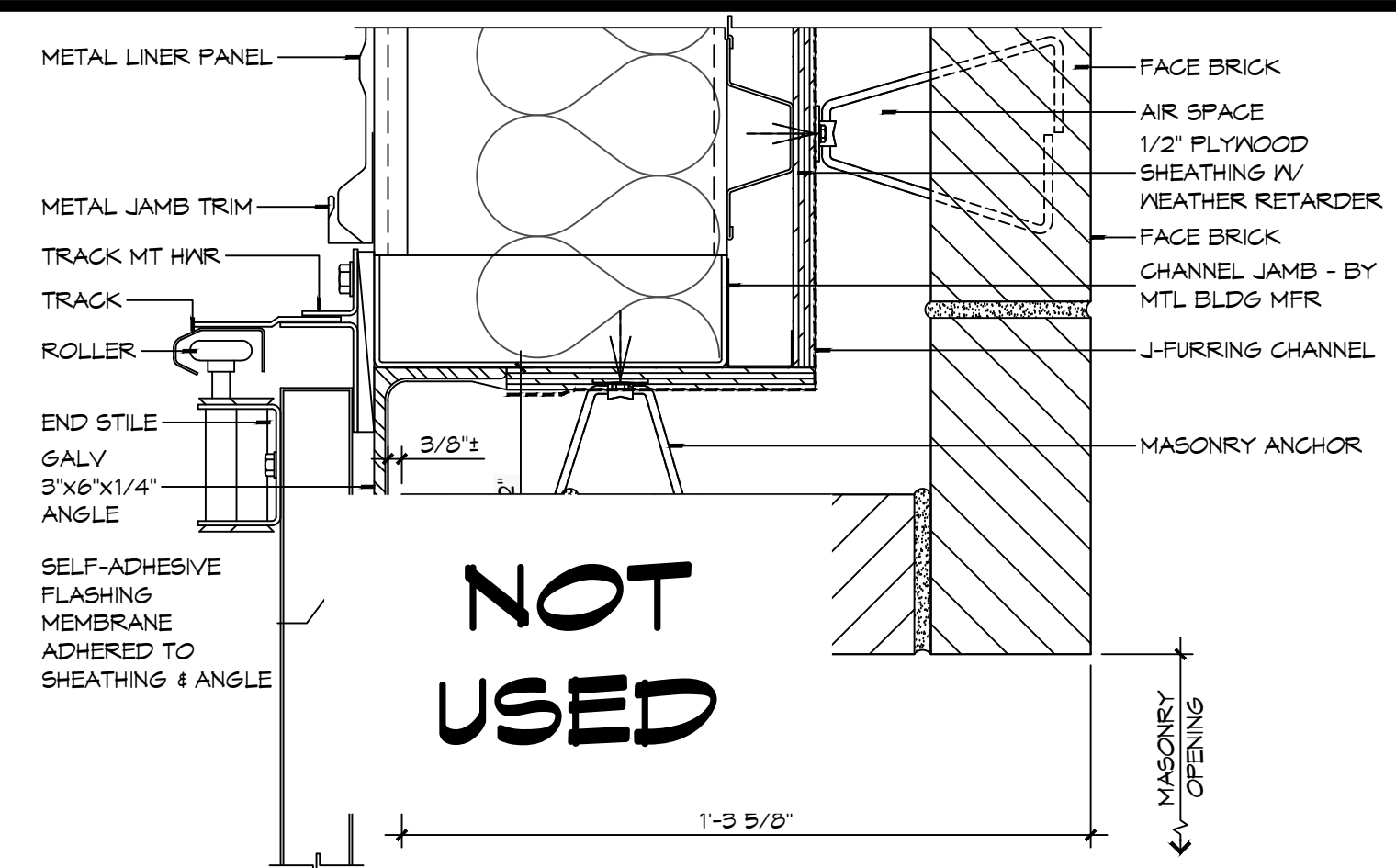
SHEET TITLE:  
**PARTITION TYPES, MISCELLANEOUS DETAILS**  
DRAWING NUMBER:  
**A501**  
SHEET No: 27 of 37



**21 DOOR DETAIL**  
SCALE: 3" = 1'-0"  
HEAD

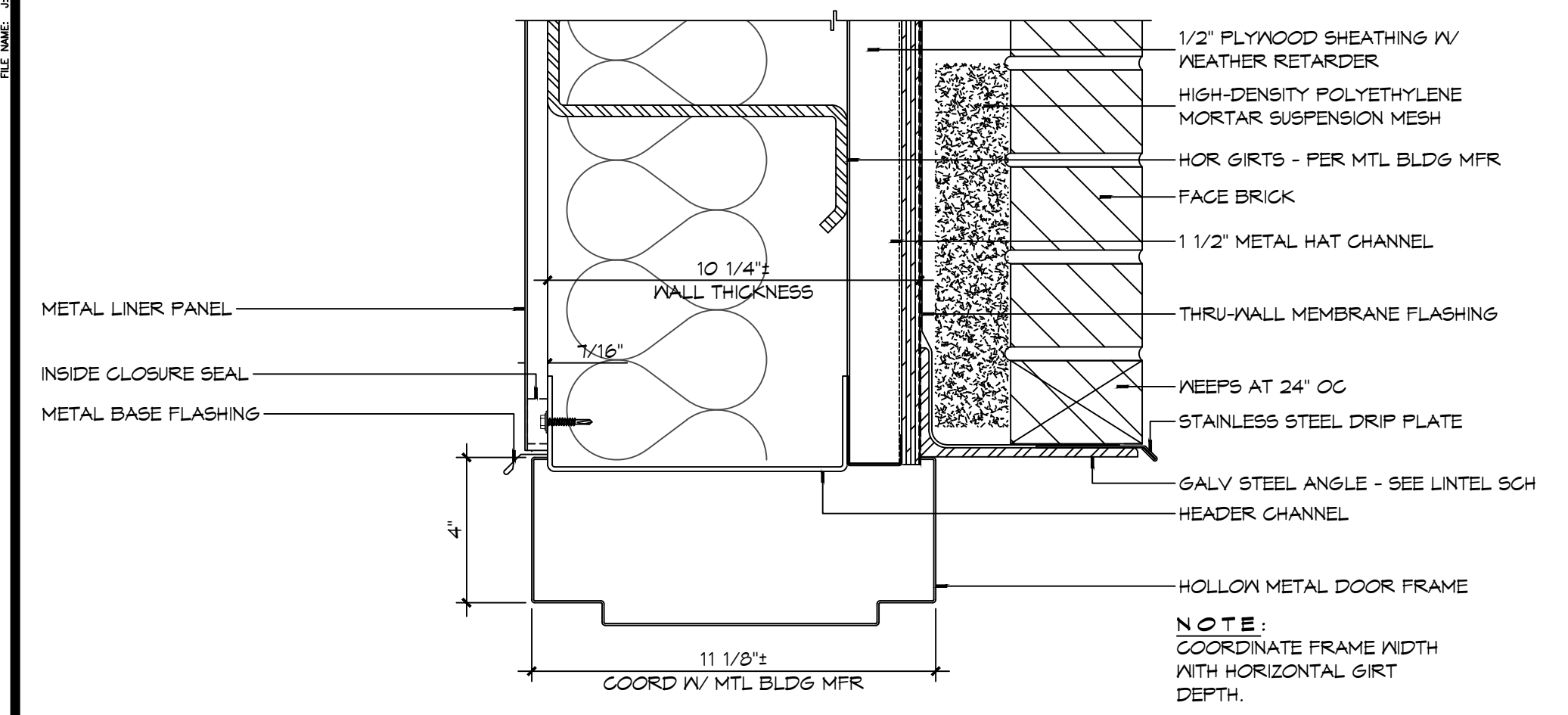


**20 DOOR DETAIL**  
SCALE: 3" = 1'-0"  
HEAD

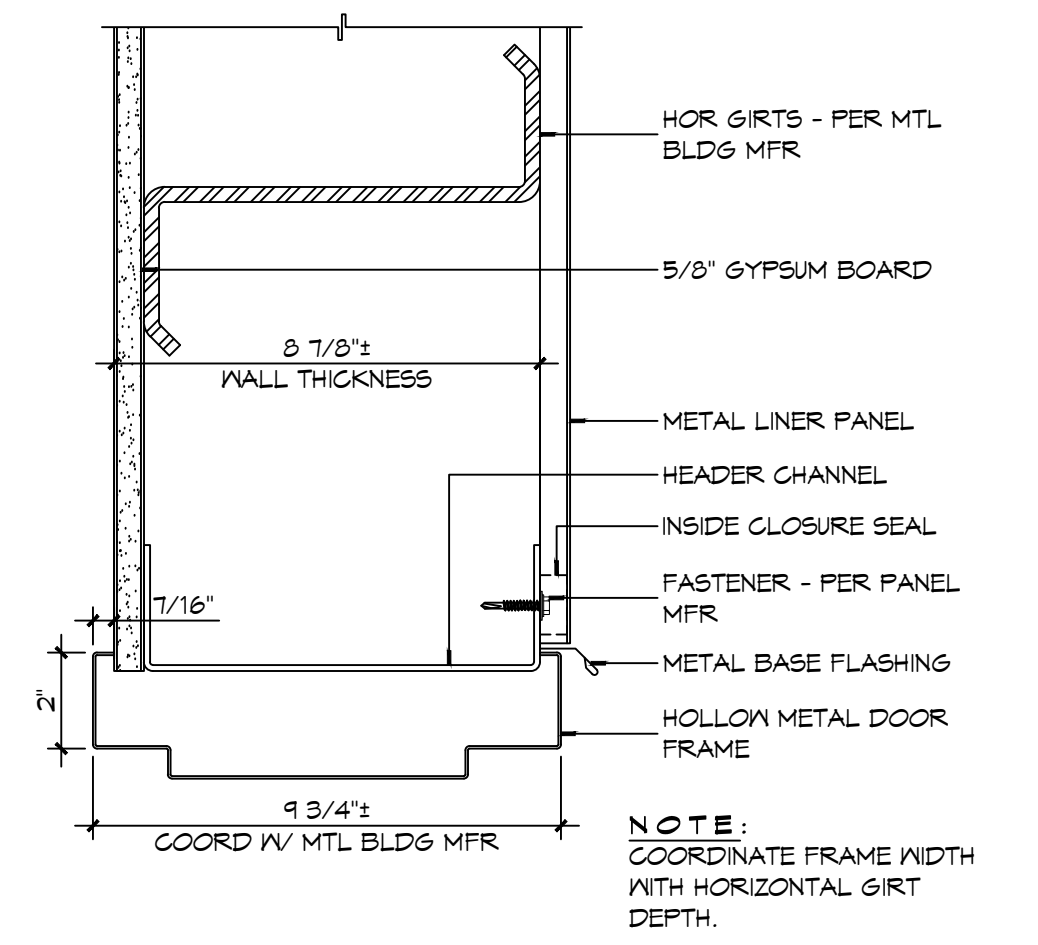


**19 DOOR DETAIL**  
SCALE: 3" = 1'-0"  
JAMB

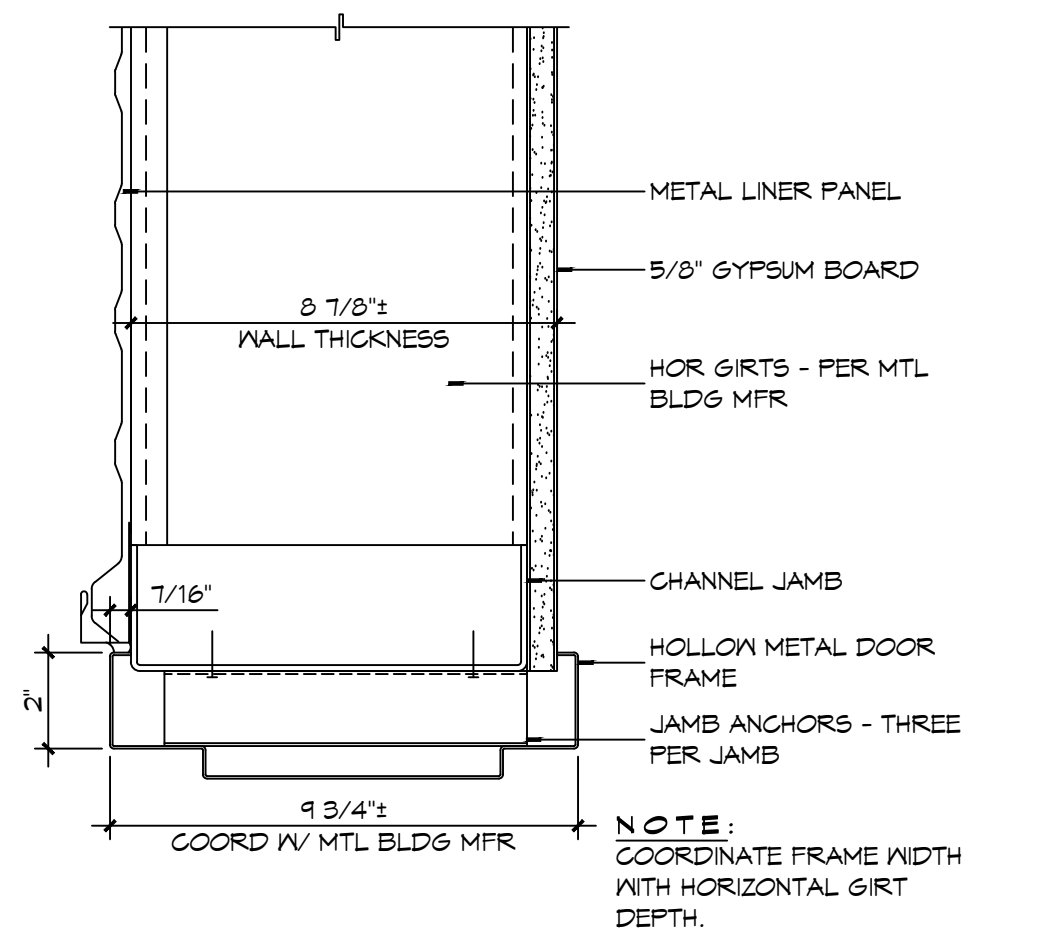
- ### DOOR AND FRAME NOTES
- HOLLOW METAL FRAME DIMENSIONS INDICATED IN THE DETAILS ARE NOMINAL. MANUFACTURER'S STANDARD WIDTH FRAME, WITH THROAT OPENING APPROPRIATE TO WALL TYPE MAY BE PROPOSED IN SHOP DRAWINGS, IF NO OTHER MODIFICATIONS OF THE DETAIL IS REQUIRED.
  - PROVIDE WOOD BLOCKING OR FLAT STRAP BEHIND GYPSUM BOARD IN WALL BEHIND DOORS SCHEDULED TO HAVE WALL MOUNTED DOOR STOPS. REFER TO HARDWARE SCHEDULE.
  - "WALL THICKNESS" DIMENSIONS INDICATED MAY BE TYPICAL. REFER TO PARTITION TYPES FOR PARTITION THICKNESS WHERE OPENING IS LOCATED.
  - WHERE A DOOR IS LOCATED NEAR CORNER OF ROOM AND IT IS NOT LOCATED BY DIMENSION ON PLAN OR DETAILS, DIMENSION SHALL BE 4 INCHES FROM FINISH FACE OF WALL TO FRAME OPENING.
  - WHERE A DOOR IS LOCATED BY DIMENSION, THE DIMENSION IS TAKEN FROM THE CENTERLINE OF THE FRAME OPENING UNLESS NOTED OTHERWISE.
  - THRESHOLDS, WHEN REQUIRED, ARE TO BE NOTED IN THE DOOR HARDWARE SCHEDULE.
  - WHERE MORE THAN ONE WALL FINISH IS INDICATED REFER TO FINISH SCHEDULE FOR WALL FINISH ON A PARTICULAR SIDE OF WALL.



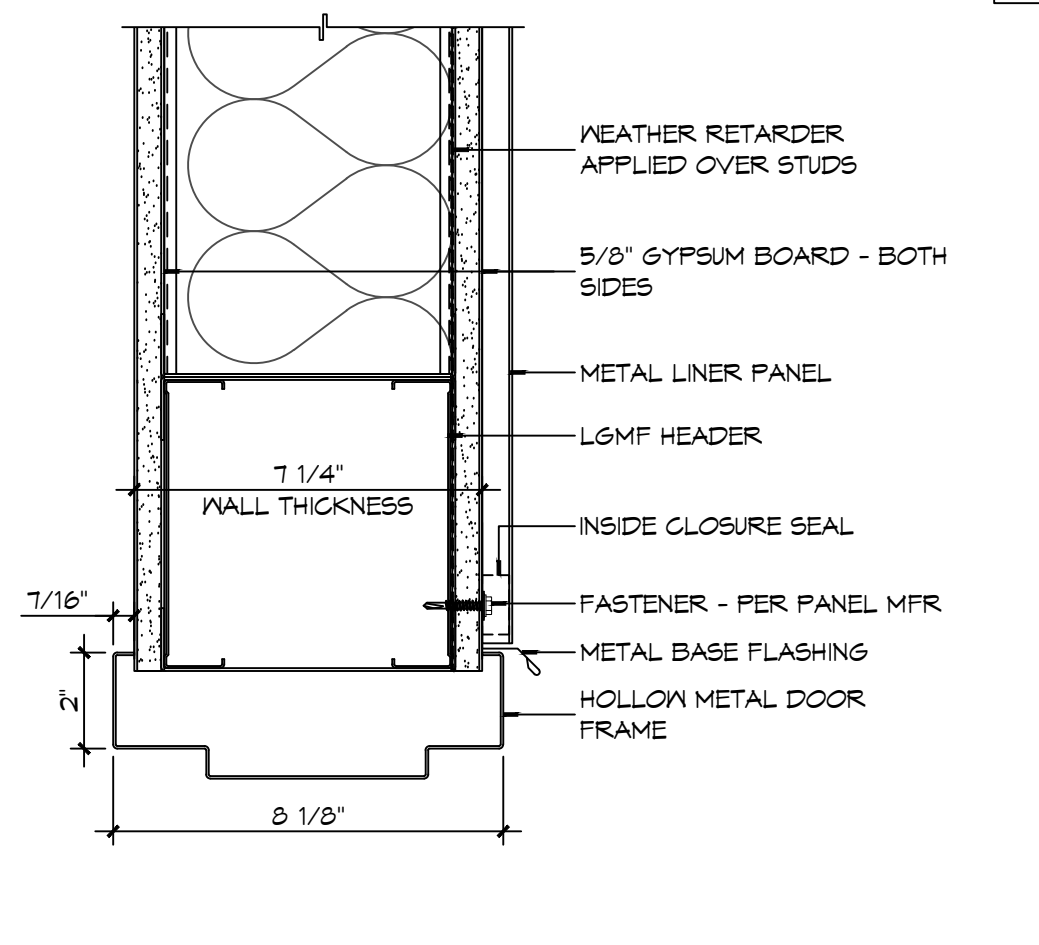
**18 DOOR DETAIL**  
SCALE: 3" = 1'-0"  
HEAD



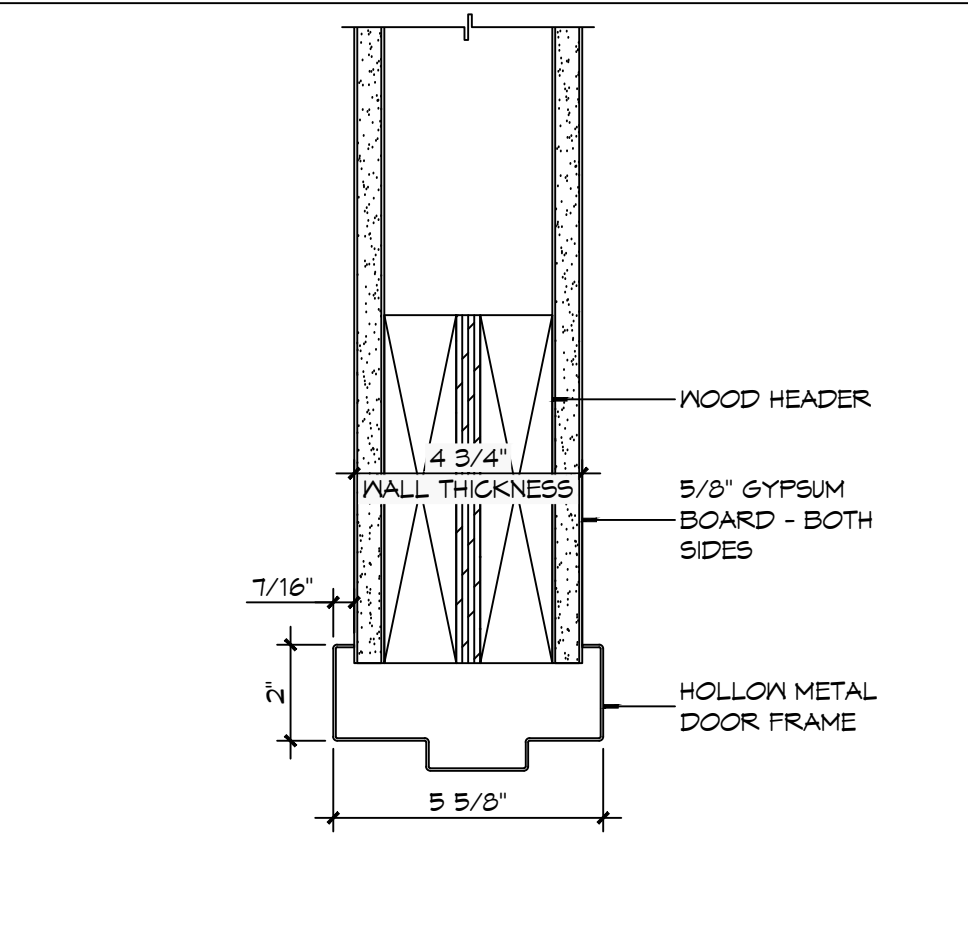
**17 DOOR DETAIL**  
SCALE: 3" = 1'-0"  
HEAD



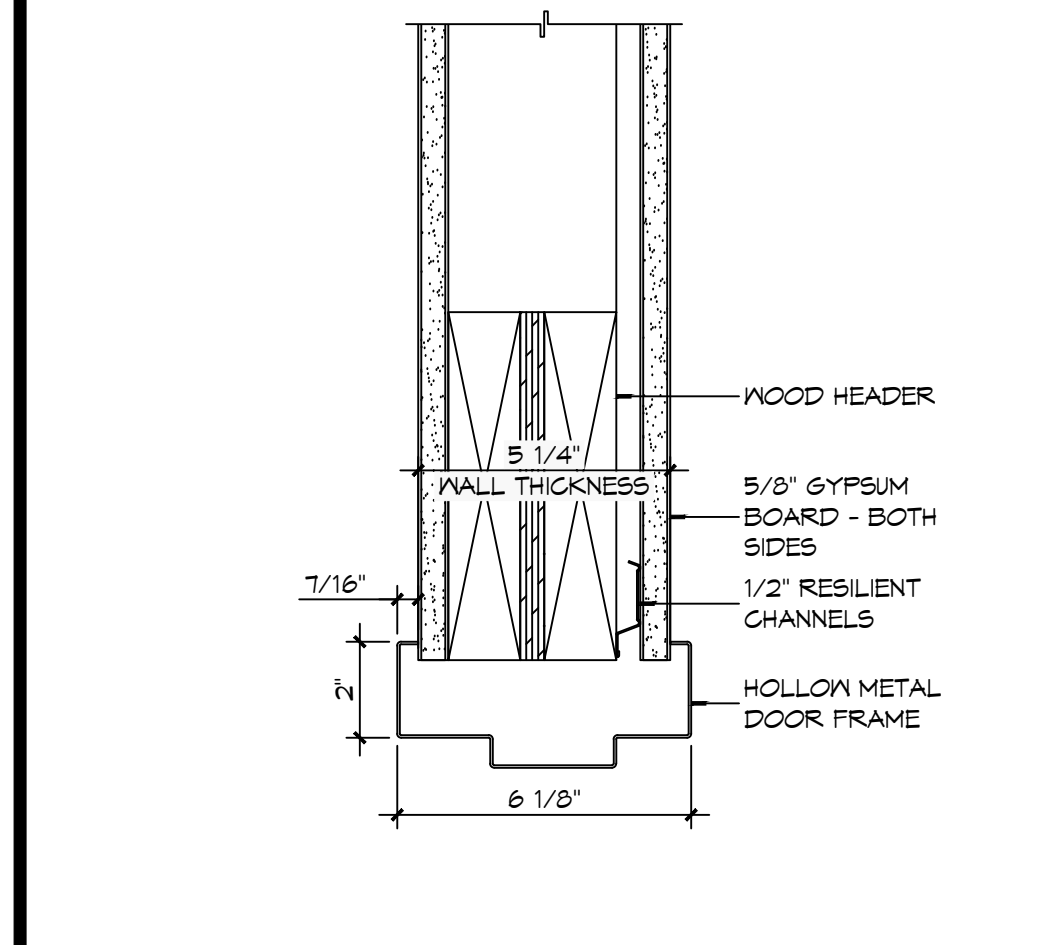
**16 DOOR DETAIL**  
SCALE: 3" = 1'-0"  
JAMB



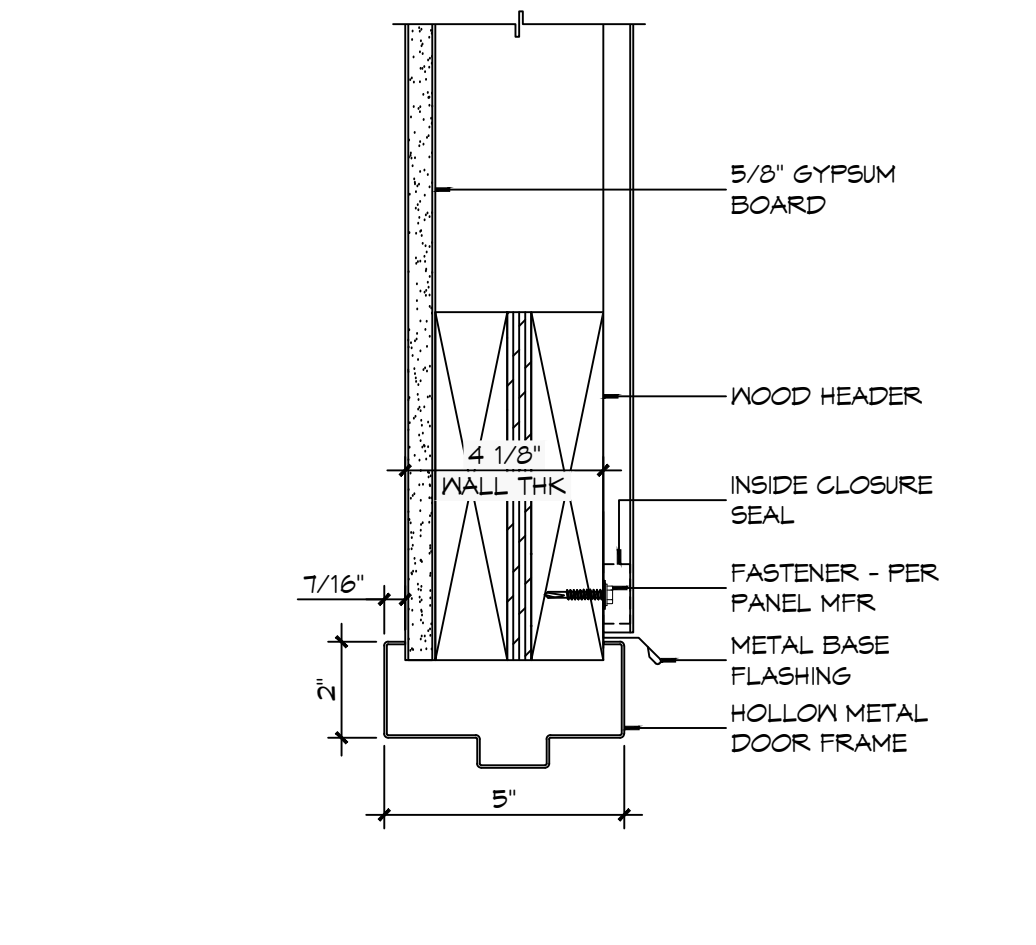
**15 DOOR DETAIL**  
SCALE: 3" = 1'-0"  
HEAD



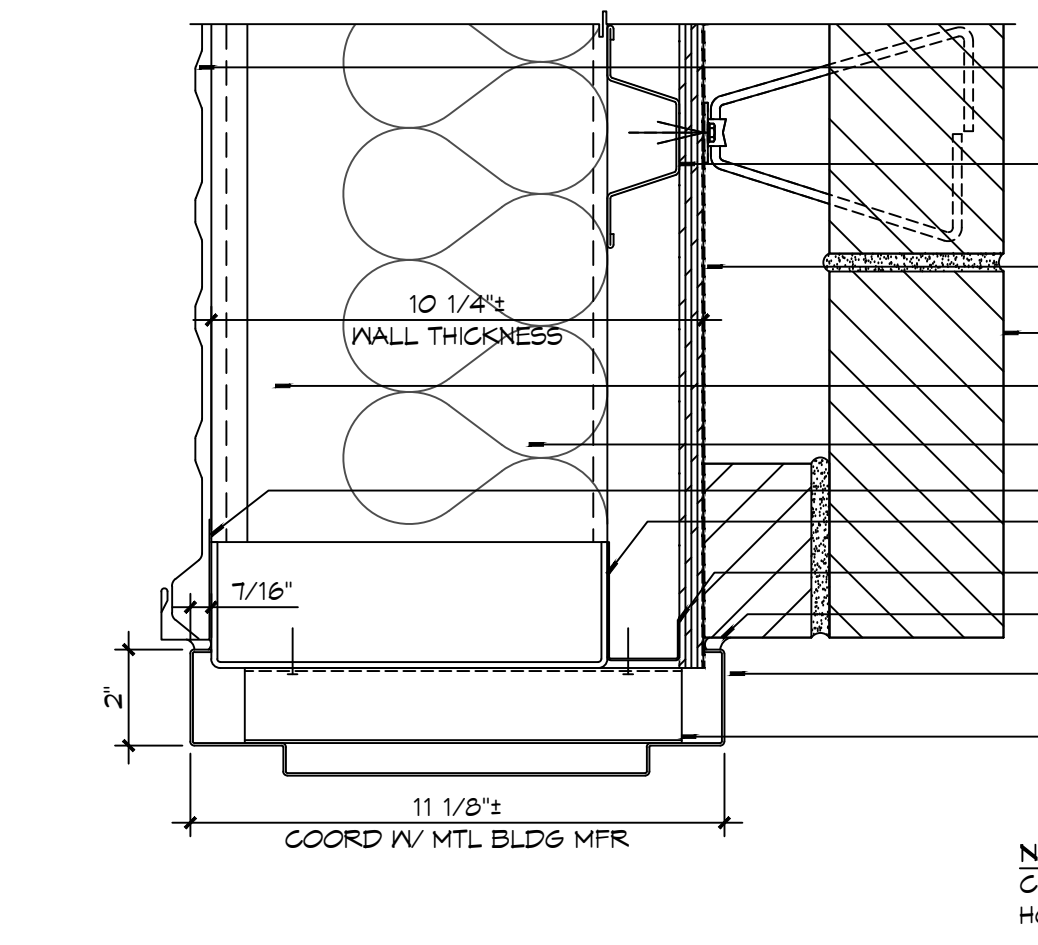
**14 DOOR DETAIL**  
SCALE: 3" = 1'-0"  
HEAD



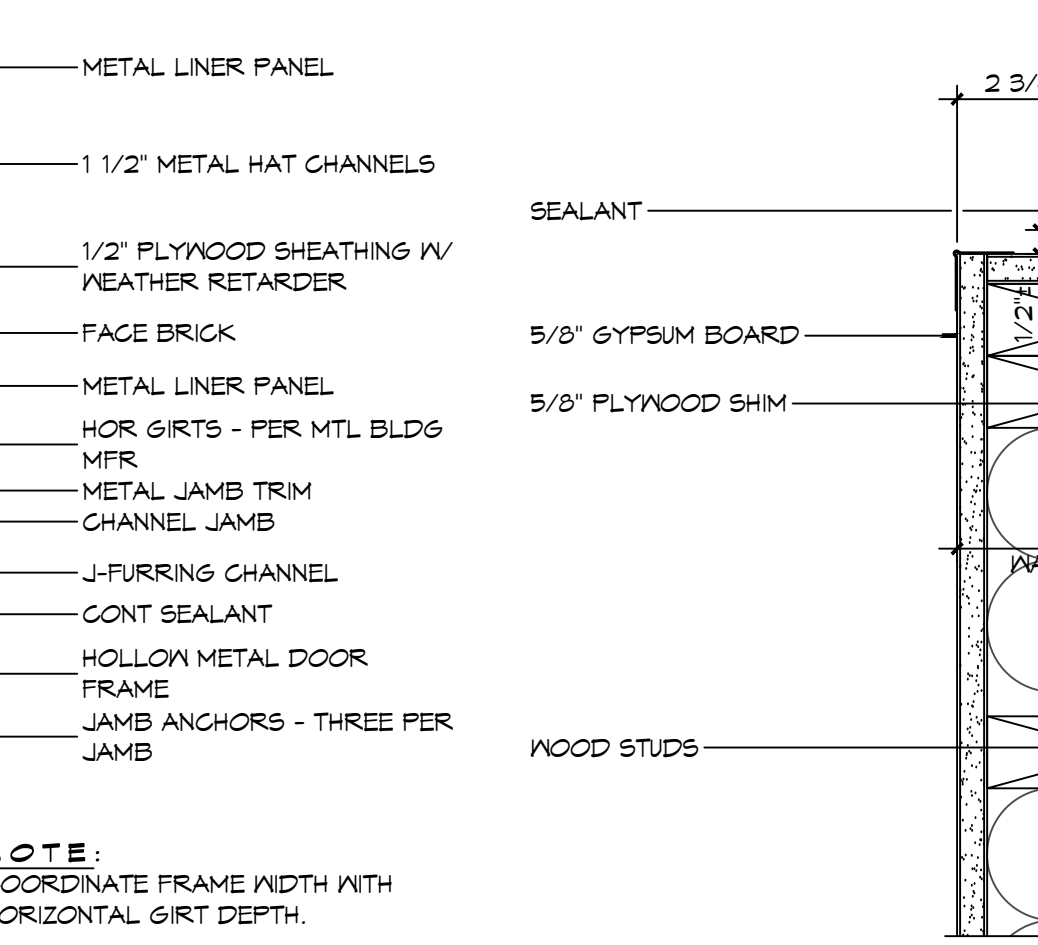
**13 DOOR DETAIL**  
SCALE: 3" = 1'-0"  
SILL



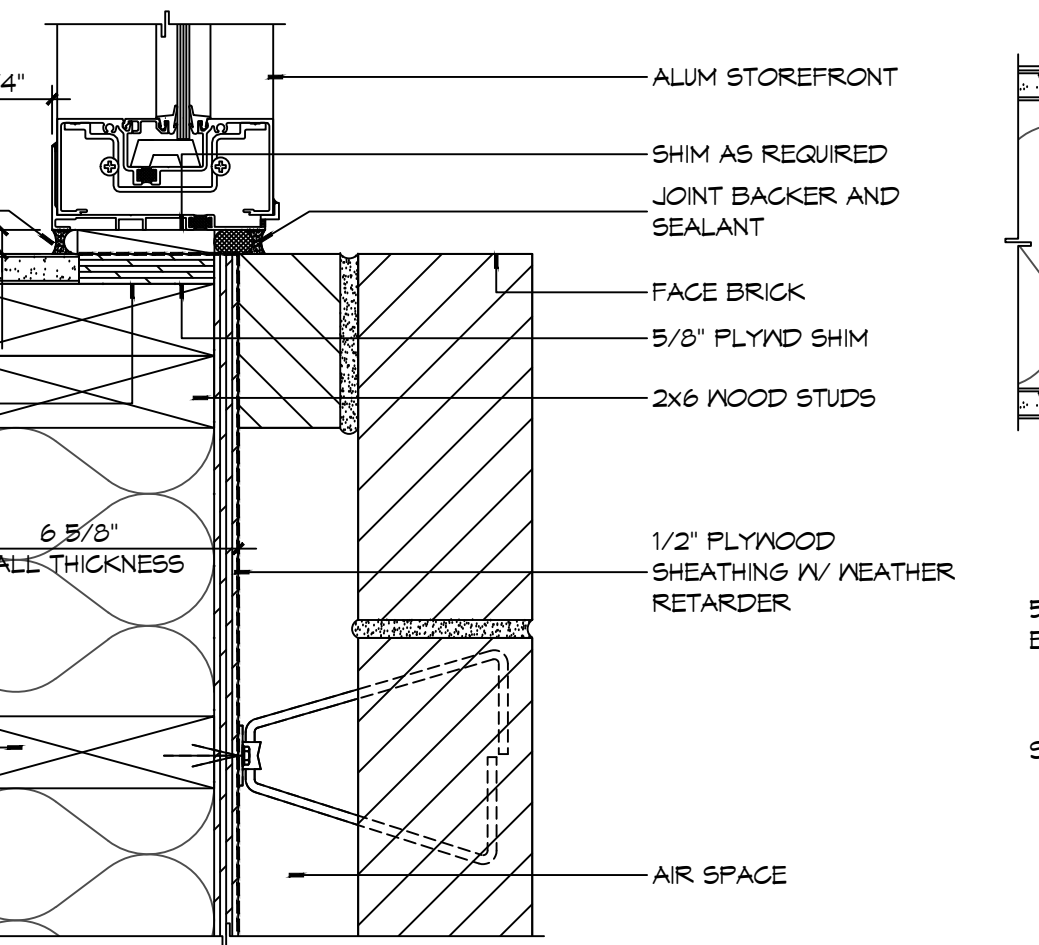
**12 DOOR DETAIL**  
SCALE: 3" = 1'-0"  
SILL



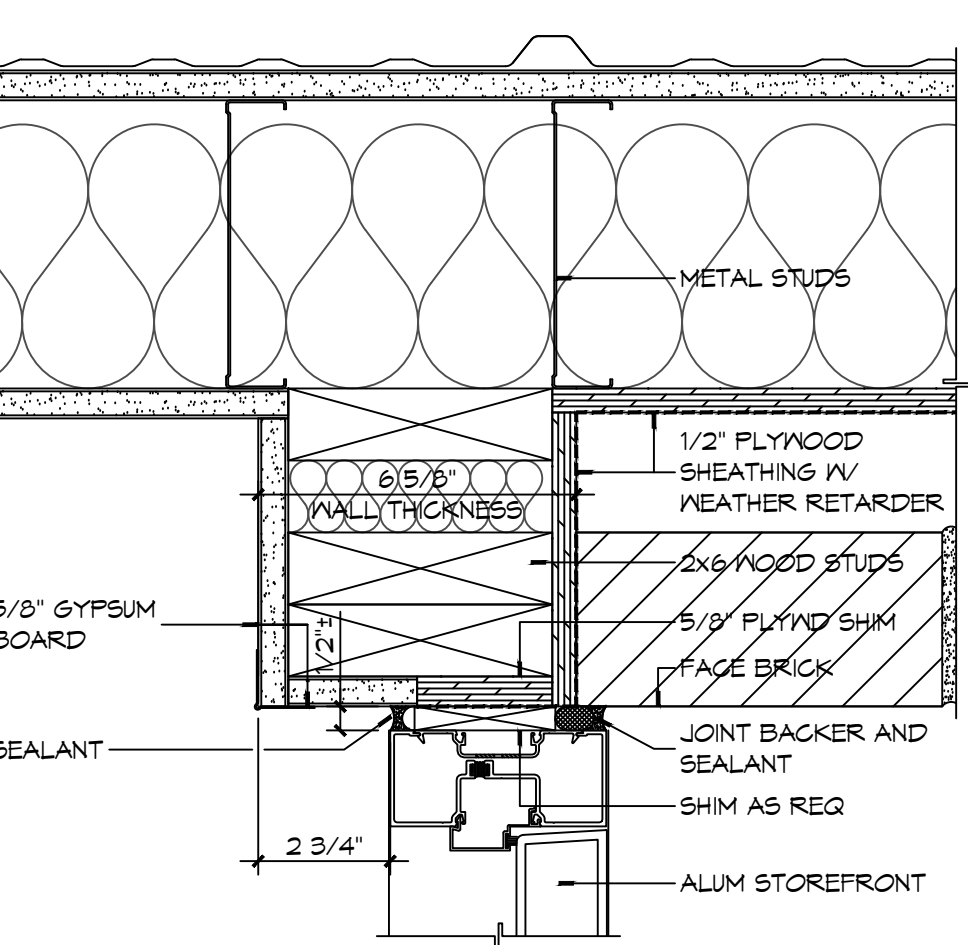
**11 DOOR DETAIL**  
SCALE: 3" = 1'-0"  
JAMB



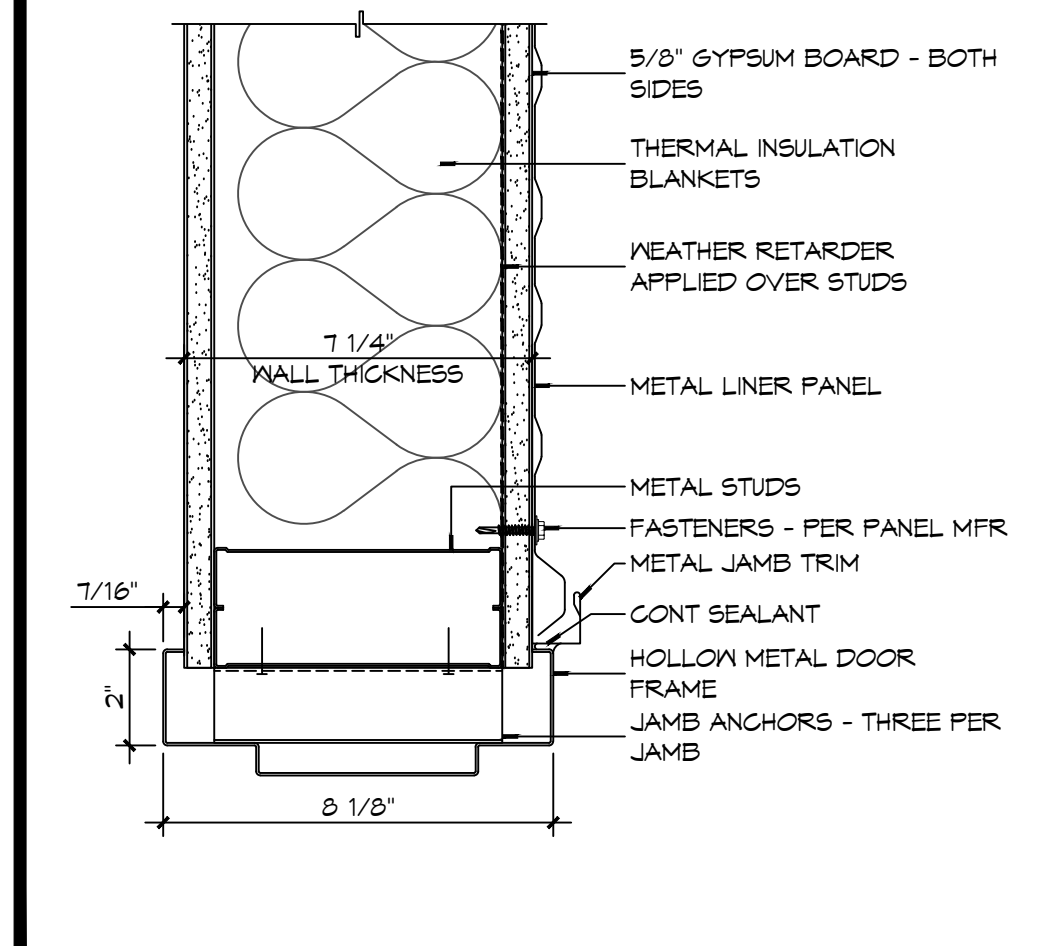
**10 DOOR DETAIL**  
SCALE: 3" = 1'-0"  
JAMB



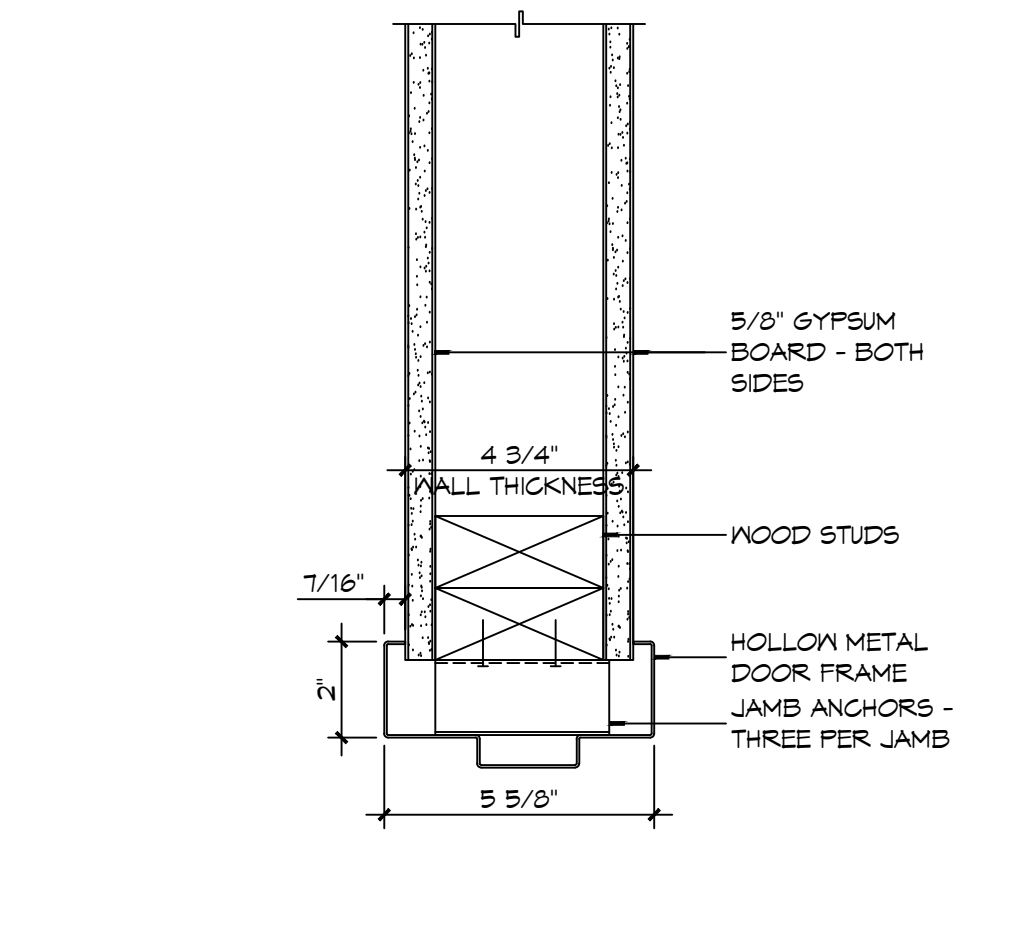
**9 DOOR DETAIL**  
SCALE: 3" = 1'-0"  
JAMB



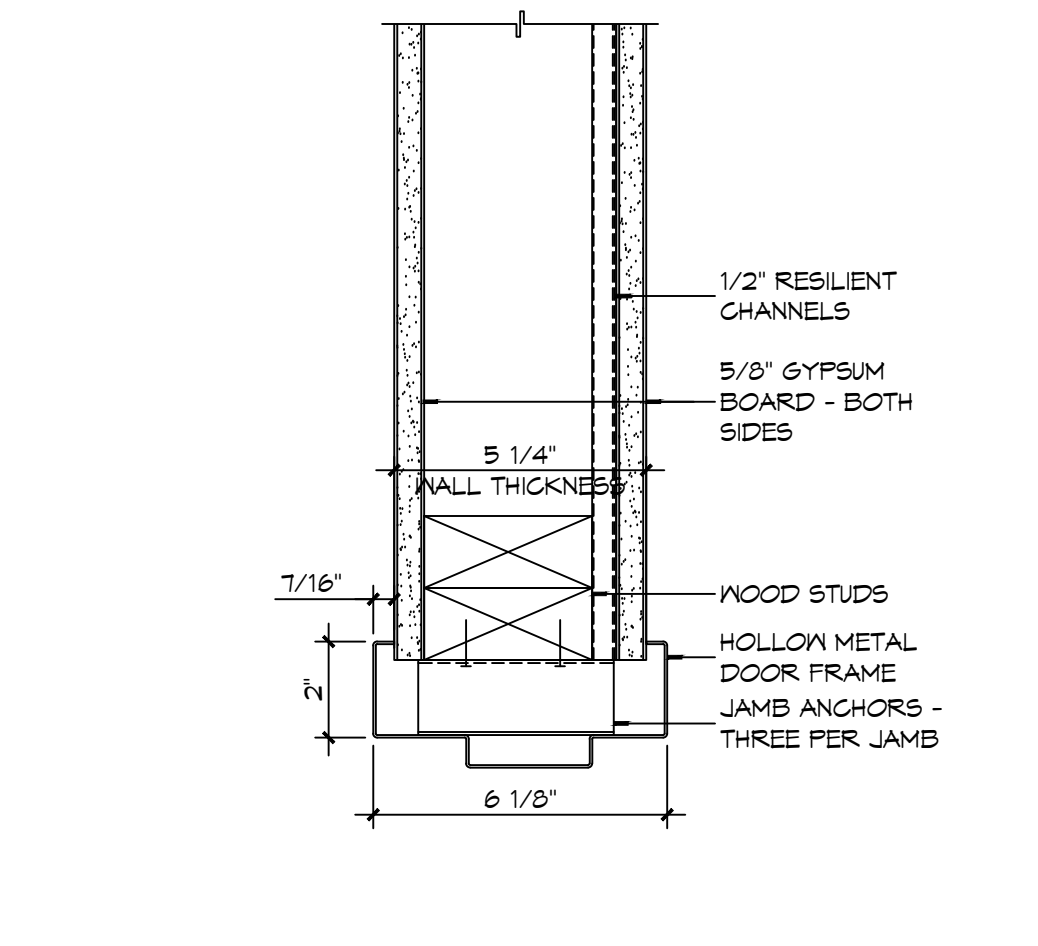
**8 DOOR DETAIL**  
SCALE: 3" = 1'-0"  
JAMB



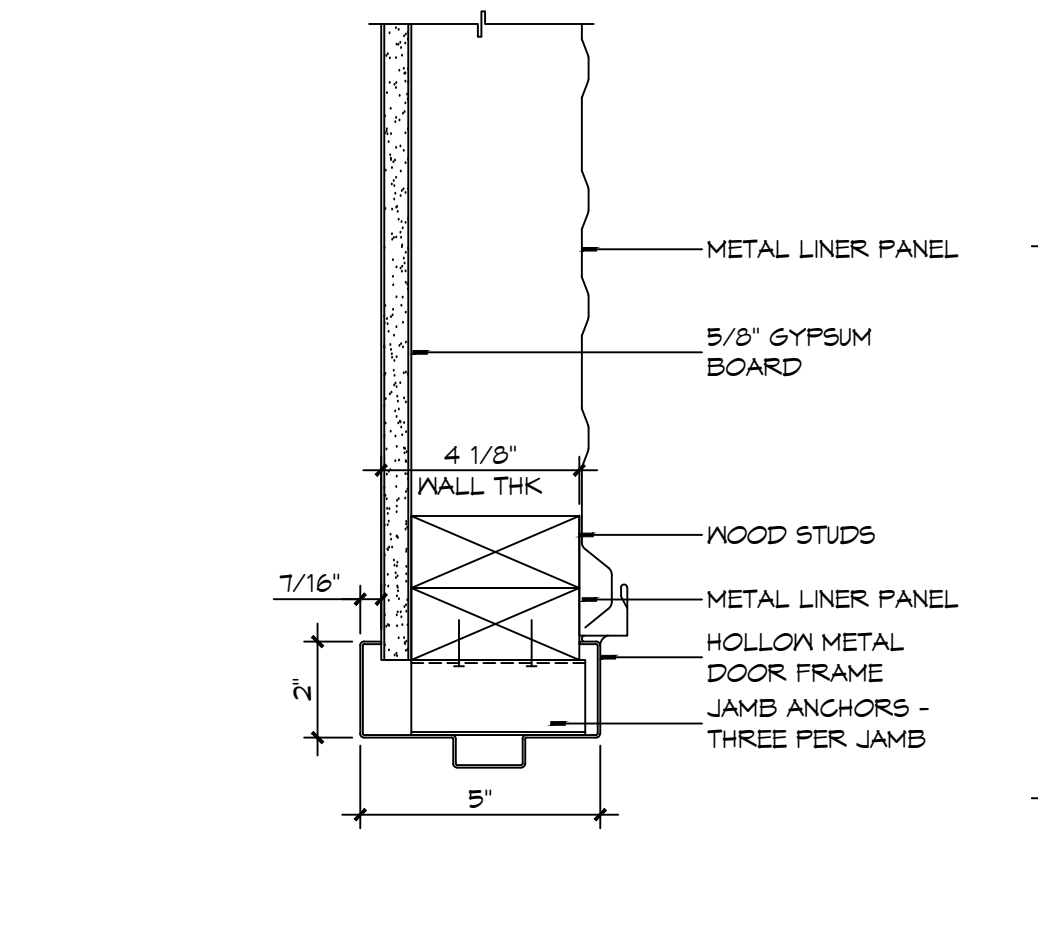
**6 DOOR DETAIL**  
SCALE: 3" = 1'-0"  
JAMB



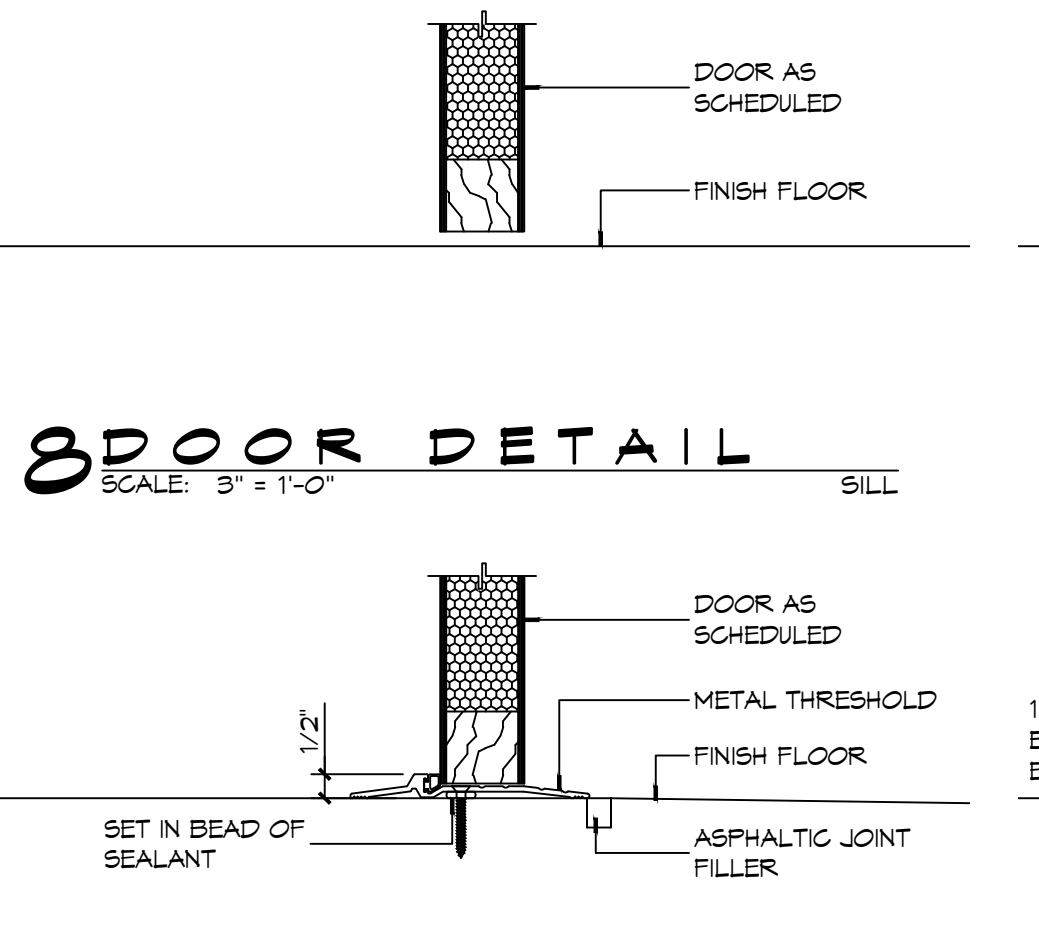
**5 DOOR DETAIL**  
SCALE: 3" = 1'-0"  
JAMB



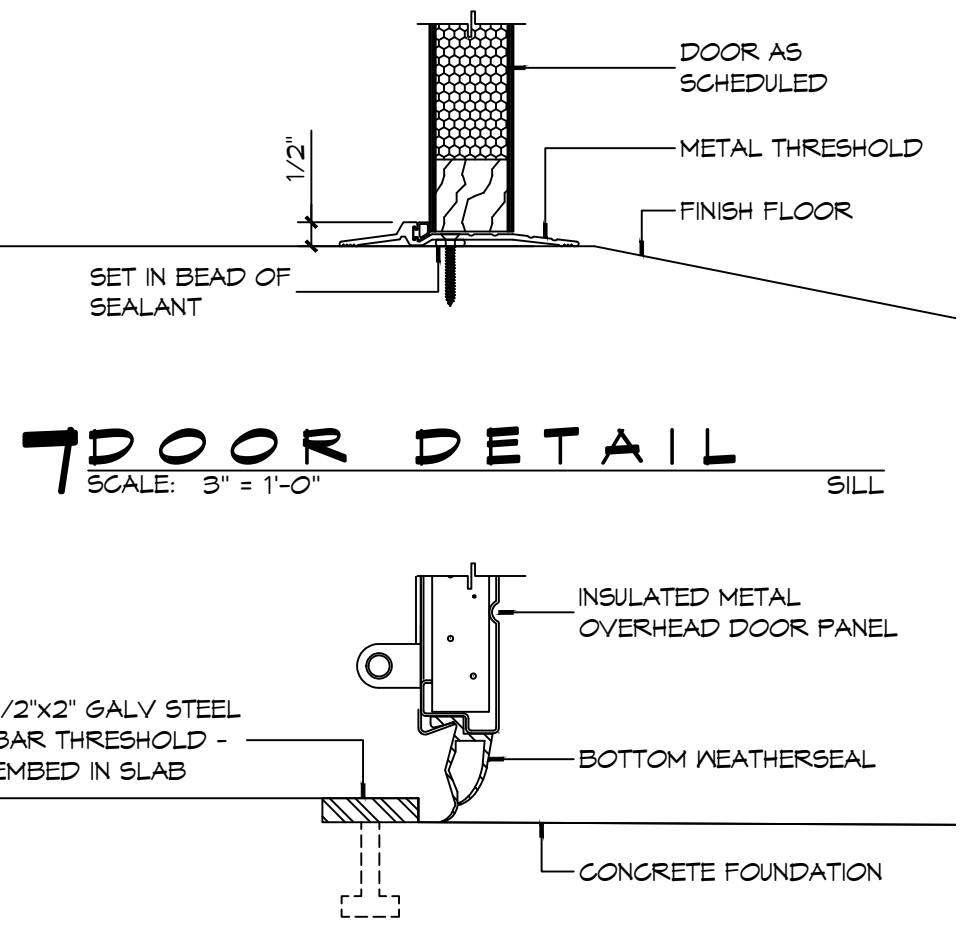
**4 DOOR DETAIL**  
SCALE: 3" = 1'-0"  
JAMB



**3 DOOR DETAIL**  
SCALE: 3" = 1'-0"  
JAMB



**2 DOOR DETAIL**  
SCALE: 3" = 1'-0"  
SILL



**1 DOOR DETAIL**  
SCALE: 3" = 1'-0"  
SILL

**DAMMON ENGINEERING, INC.**  
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PH: 985-649-5832

#	DESCRIPTION	DATE



**NEW FIRE STATION #10  
ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1**

246 LAKESHORE VISTA BLVD  
SLIDELL, LA 70461  
JOB No: 2519 DATE: 12-05-2025  
DRAWN BY: CKD CHECKED BY: JMS

SHEET TITLE: DOOR DETAILS  
DRAWING NUMBER: **A502**  
SHEET No: 26 of 31

**DOOR SCHEDULE**

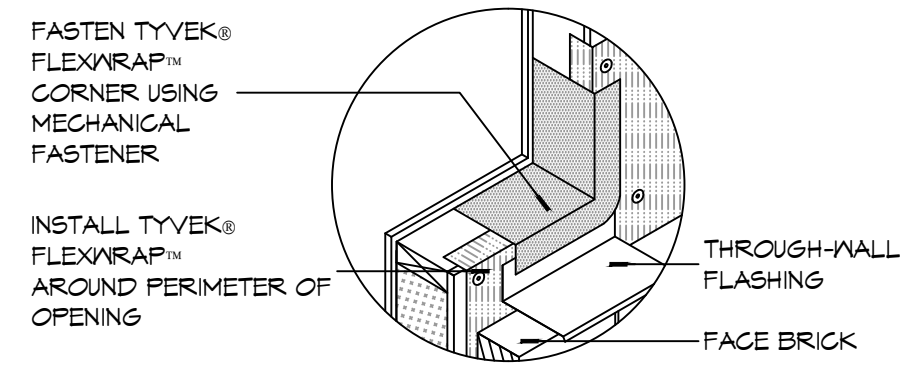
MK	WIDTH	HEIGHT	TYPE	THICK	DOOR MATERIAL	FRAME MATERIAL	FRAME TYPE	HEAD	JAMB	SILL	FR	HWR	REMARKS
101A	3'-0"	7'-0"	FG	1 3/4"	ALUM	ALUM	F4	21/A502	9/A502 & 10/A502	7/A502	NR	01	
101B	3'-0"	7'-0"	F	1 3/4"	INSUL MTL	HM	F1	15/A502	6/A502	1/A502	45 MIN	07	
102A	3'-0"	7'-0"	GG	1 3/4"	ALUM	ALUM	F3	21/A502	10/A502	7/A502	NR	01	
103A	3'-0"	7'-0"	F	1 3/4"	SC WOOD	HM	F2	13/A502	4/A502	8/A502	20 MIN	02	SMOKE TIGHT
104A	3'-0"	7'-0"	F	1 3/4"	SC WOOD	HM	F2	14/A502	5/A502	8/A502	NR	03	
105A	(2) 2'-0"	7'-0"	LL	1 3/4"	SC WOOD	HM	F2	14/A502	5/A502	8/A502	NR	06A	
107A	3'-0"	7'-0"	F	1 3/4"	SC WOOD	HM	F2	13/A502	4/A502	8/A502	20 MIN	02	SMOKE TIGHT
109A	(2) 1'-6"	7'-0"	LL	1 3/4"	SC WOOD	HM	F2	14/A502	5/A502	8/A502	NR	06	
109B	(2) 1'-6"	7'-0"	LL	1 3/4"	SC WOOD	HM	F2	14/A502	5/A502	8/A502	NR	06	
109C	(2) 1'-6"	7'-0"	LL	1 3/4"	SC WOOD	HM	F2	14/A502	5/A502	8/A502	NR	06	
113A	3'-0"	7'-0"	F	1 3/4"	SC WOOD	HM	F2	13/A502	4/A502	8/A502	20 MIN	05	SMOKE TIGHT
114A	3'-0"	7'-0"	F	1 3/4"	SC WOOD	HM	F2	14/A502	5/A502	8/A502	NR	04	
116A	2'-4"	7'-0"	F	1 3/4"	SC WOOD	HM	F2	14/A502	5/A502	8/A502	NR	13	
117A	14'-0"	14'-0"	O2	1 1/2"	INSUL MTL	MTL	N/A	20/A502	19/A502	1/A502	NR	01	NOT USED
117B	14'-0"	14'-0"	O2	1 1/2"	INSUL MTL	MTL	N/A	20/A502	19/A502	1/A502	NR	01	NOTE 1, CHI M# 3324 POWDER COATED, LIFT MASTER 3/4 HP, 894 REMOTE
117C	12'-0"	14'-0"	O2	1 1/2"	INSUL MTL	MTL	N/A	20/A502	19/A502	1/A502	NR	01	NOTE 1, CHI M# 3324 POWDER COATED, LIFT MASTER 3/4 HP, 894 REMOTE
117D	3'-0"	7'-0"	F	1 3/4"	INSUL MTL	HM	F2	18/A502	11/A502	2/A502	NR	12	
118A	3'-0"	7'-0"	L	1 3/4"	METAL	HM	F2	12/A502	3/A502	7/A502	NR	08	
119A	3'-0"	7'-0"	L	1 3/4"	METAL	HM	F2	12/A502	3/A502	7/A502	NR	03	
120A	3'-0"	7'-0"	L	1 3/4"	METAL	HM	F2	12/A502	3/A502	7/A502	NR	09	
121A	14'-0"	14'-0"	O2	1 1/2"	INSUL MTL	MTL	N/A	20/A502	19/A502	1/A502	NR	01	NOTE 1, CHI M# 3324 POWDER COATED, LIFT MASTER 3/4 HP, 894 REMOTE
121B	14'-0"	14'-0"	O2	1 1/2"	INSUL MTL	MTL	N/A	20/A502	19/A502	1/A502	NR	01	NOTE 1, CHI M# 3324 POWDER COATED, LIFT MASTER 3/4 HP, 894 REMOTE
122A	3'-0"	7'-0"	L	1 3/4"	MTL	HM	F2	11/A502	16/A502	7/A502	NR	09	
123A	3'-0"	7'-0"	L	1 3/4"	MTL	HM	F2	11/A502	16/A502	7/A502	NR	09	
124A	-	-	-	-	-	-	-	-	-	-	-	-	NOT USED
124B	8'-0"	7'-0"	O1	1 1/2"	MTL	MTL	N/A	20/A502	19/A502	1/A502	NR	01	MANUAL OPERATION, CHI

**WINDOW SCHEDULE**

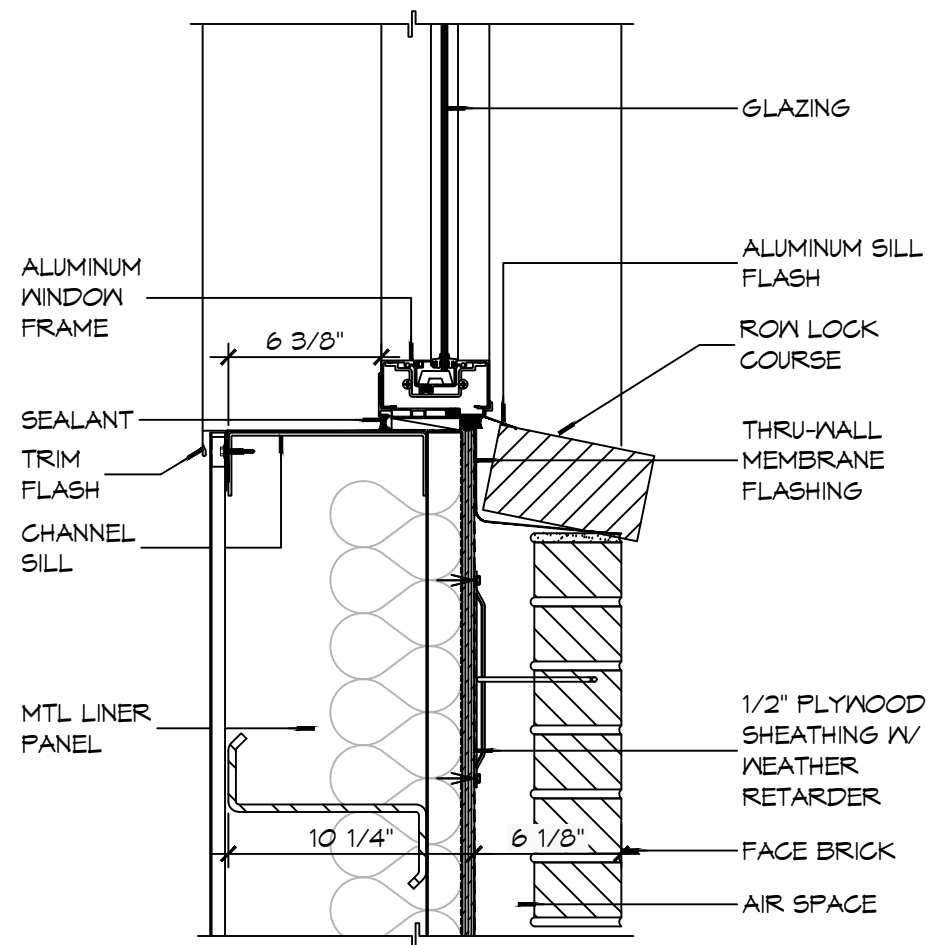
MK	SIZE (WxH)	FRAME	TYPE	GLAZING	REMARKS
A	3'-0"x4'-0"	ALUM	SINGLE HUNG	IMPACT	BLACK FRAME
B	3'-2"x4'-0"	ALUM	FIXED	IMPACT	BLACK FRAME
C	3'-0"x4'-0"	ALUM	SINGLE HUNG	IMPACT	BLACK FRAME
D	3'-0"x4'-0"	ALUM	SINGLE HUNG	IMPACT	OBSOLETE/TRANSLUCENT GLASS W/BLACK FRAME
E	3'-0"x5'-6"	ALUM	SINGLE HUNG	IMPACT	BLACK FRAME

NOTE: ALL EXTERIOR WINDOWS AND DOOR ASSEMBLES TO BE RATED FOR 140 MPH WINDS AND SHALL BE MISSILE IMPACT RESISTANT.

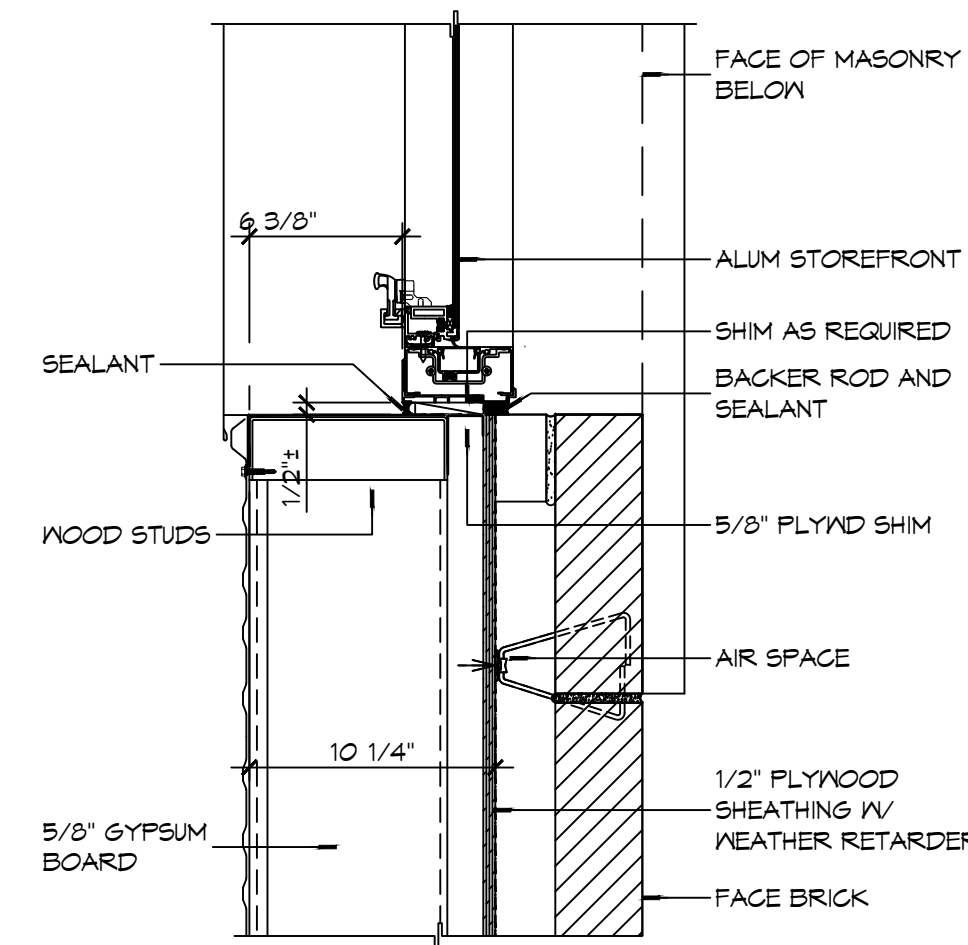
NOTE: DOORS IN A REQUIRED MEANS OF EGRESS SERVING ANY ASSEMBLY AREA HAVING AN OCCUPANT LOAD OF 50 OR MORE PERSONS SHALL NOT BE EQUIPPED WITH A LATCH OR LOCK OTHER THAN PANIC HARDWARE OR FIRE EXIT HARDWARE.



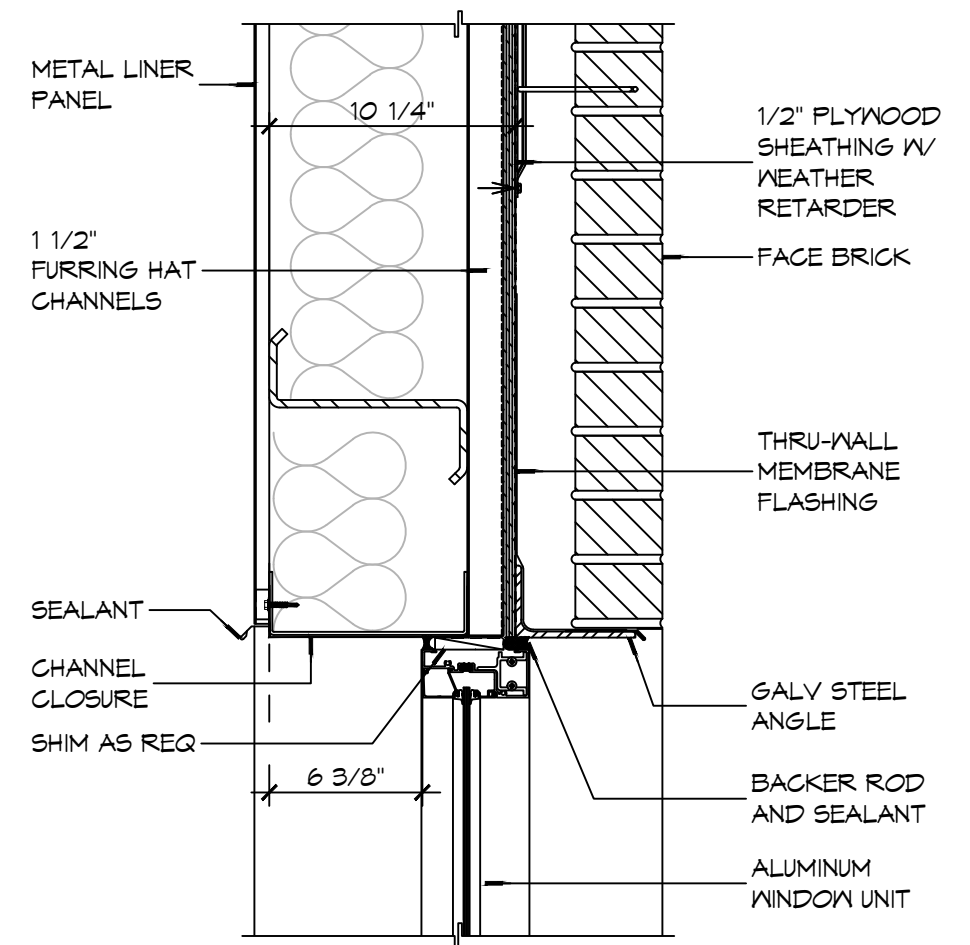
**10 DETAIL**  
SCALE: NTS  
TYPICAL WINDOW SILL FLASHING



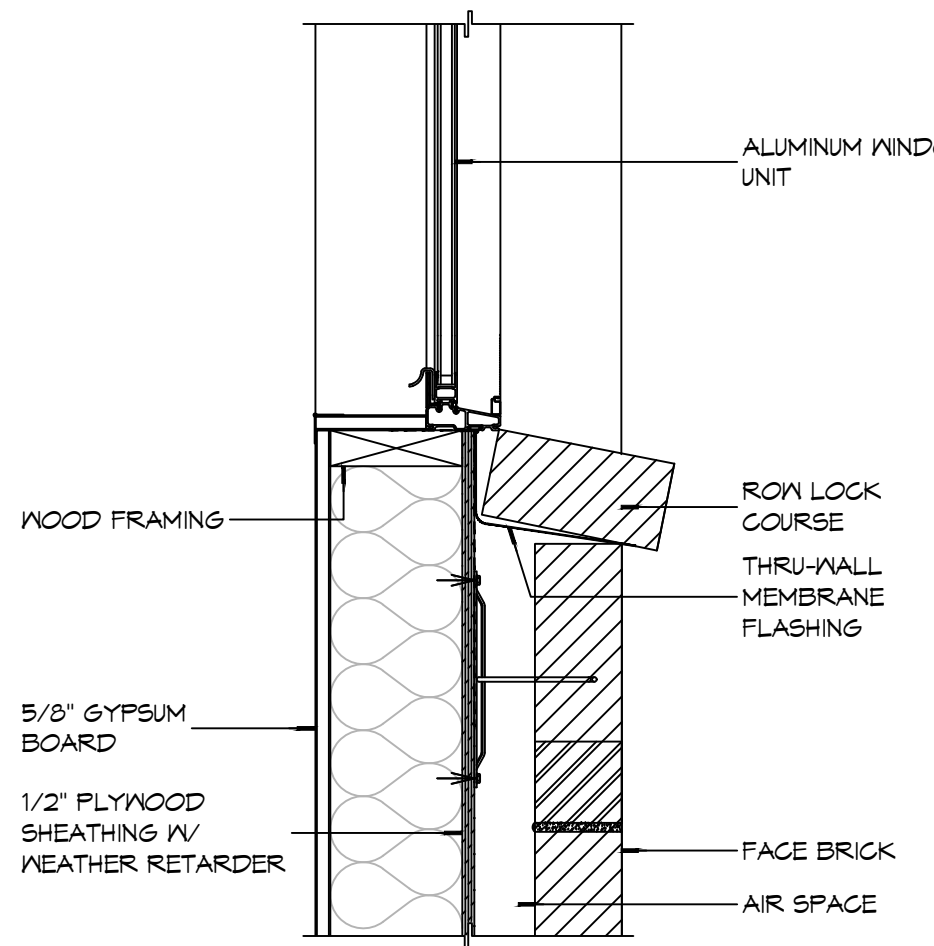
**9 WINDOW DETAIL**  
SCALE: 1 1/2" = 1'-0"  
SILL



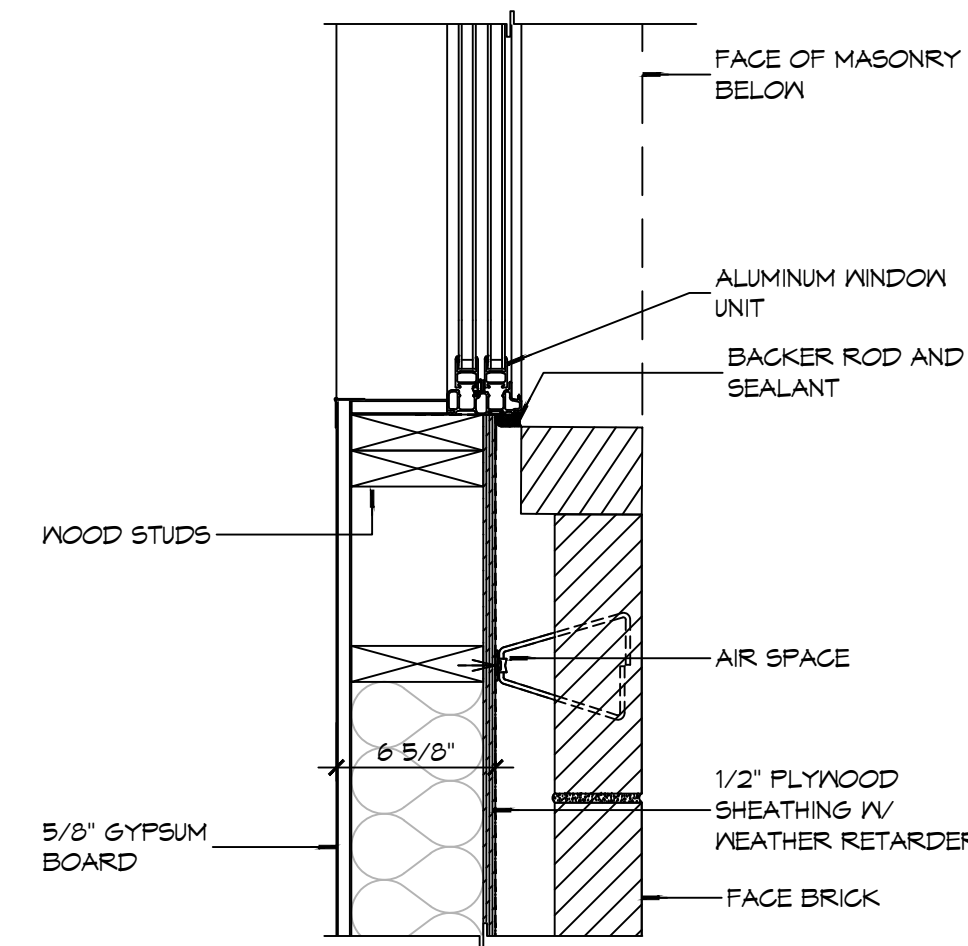
**8 WINDOW DETAIL**  
SCALE: 1 1/2" = 1'-0"  
JAMB



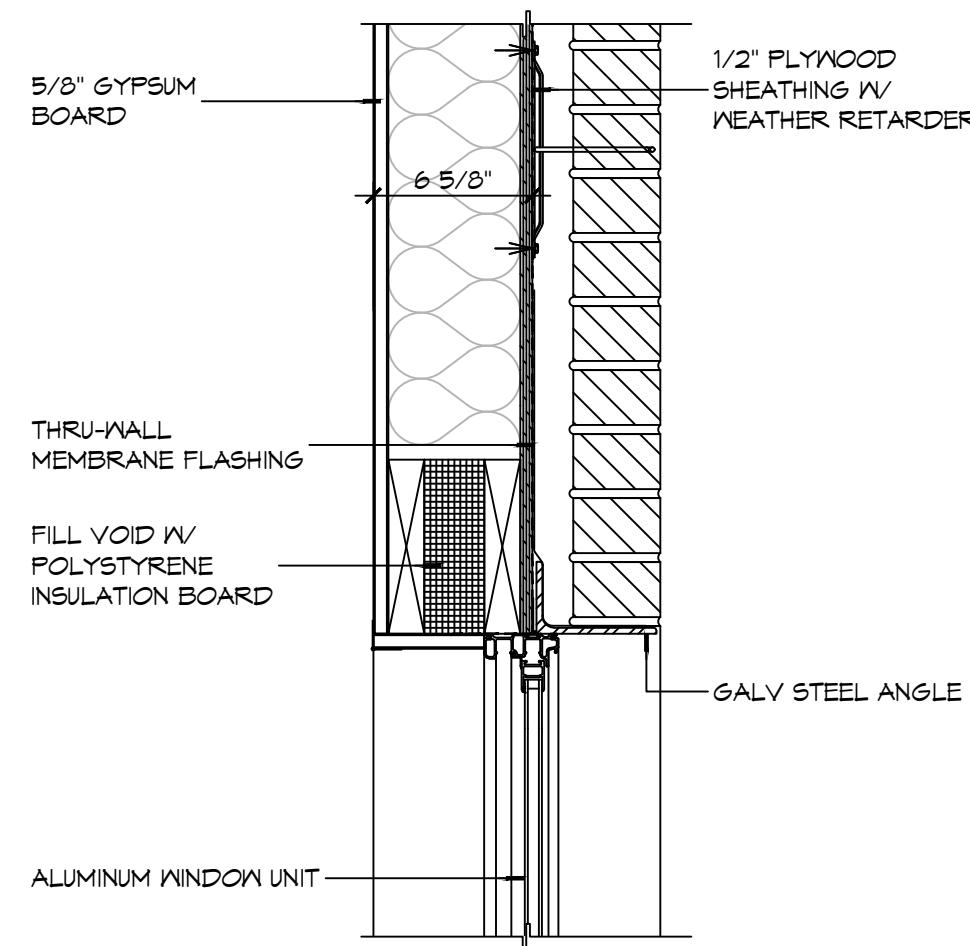
**7 WINDOW DETAIL**  
SCALE: 1 1/2" = 1'-0"  
HEAD



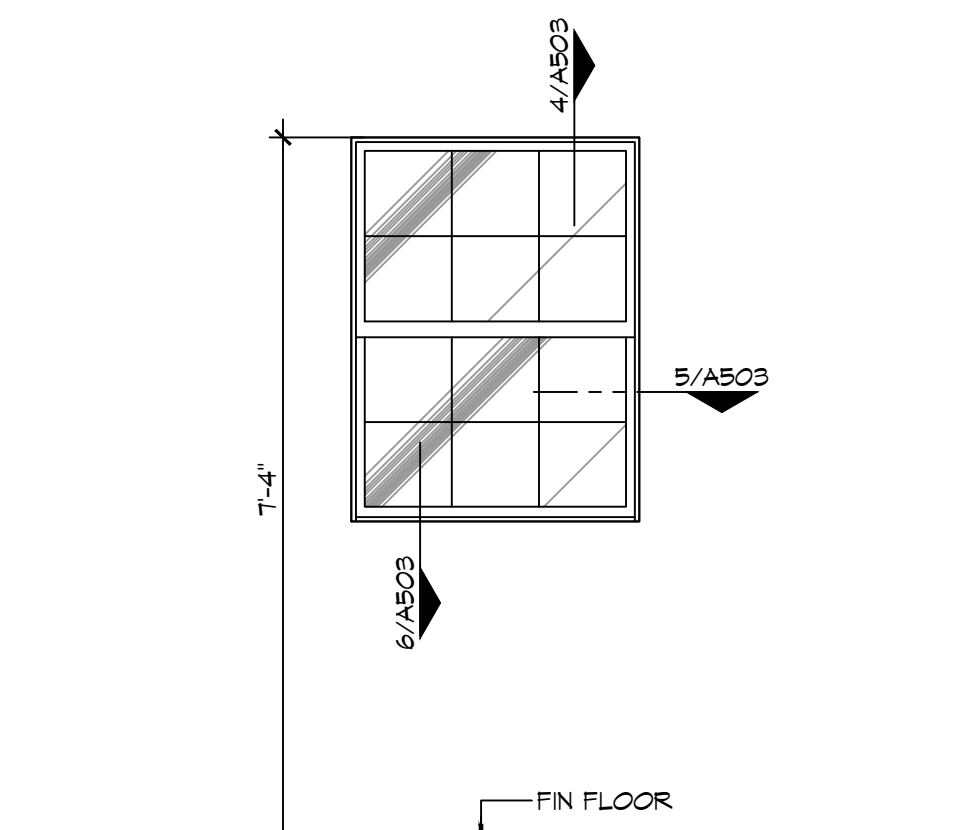
**6 WINDOW DETAIL**  
SCALE: 1 1/2" = 1'-0"  
SILL



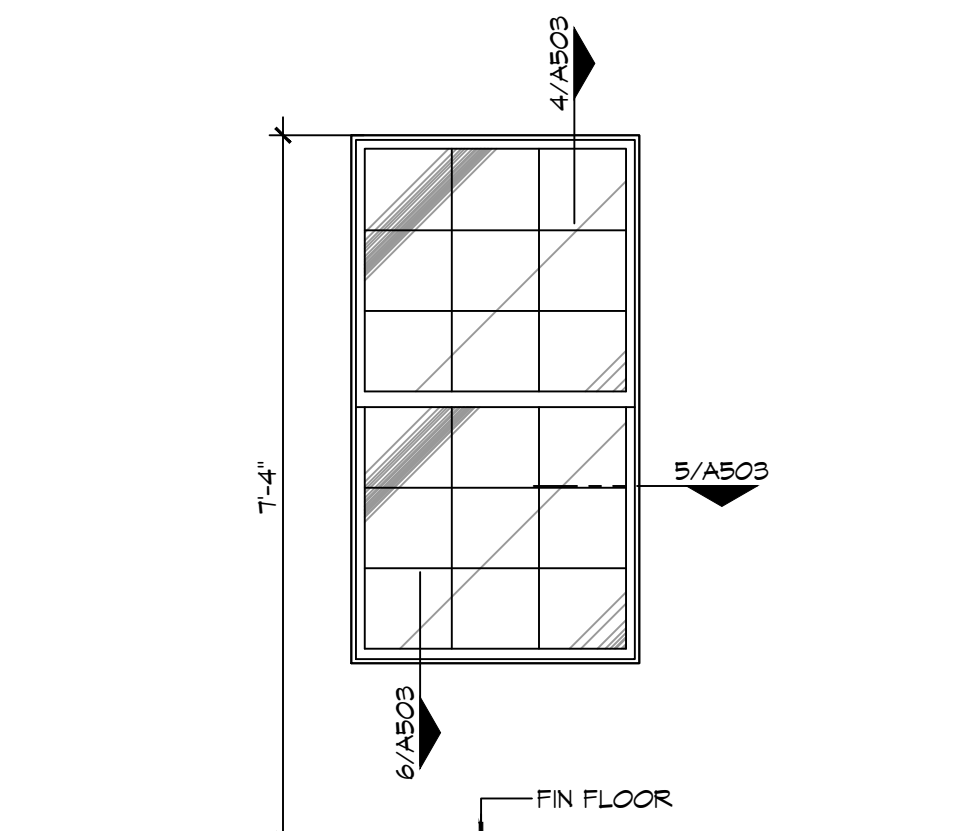
**5 WINDOW DETAIL**  
SCALE: 1 1/2" = 1'-0"  
JAMB



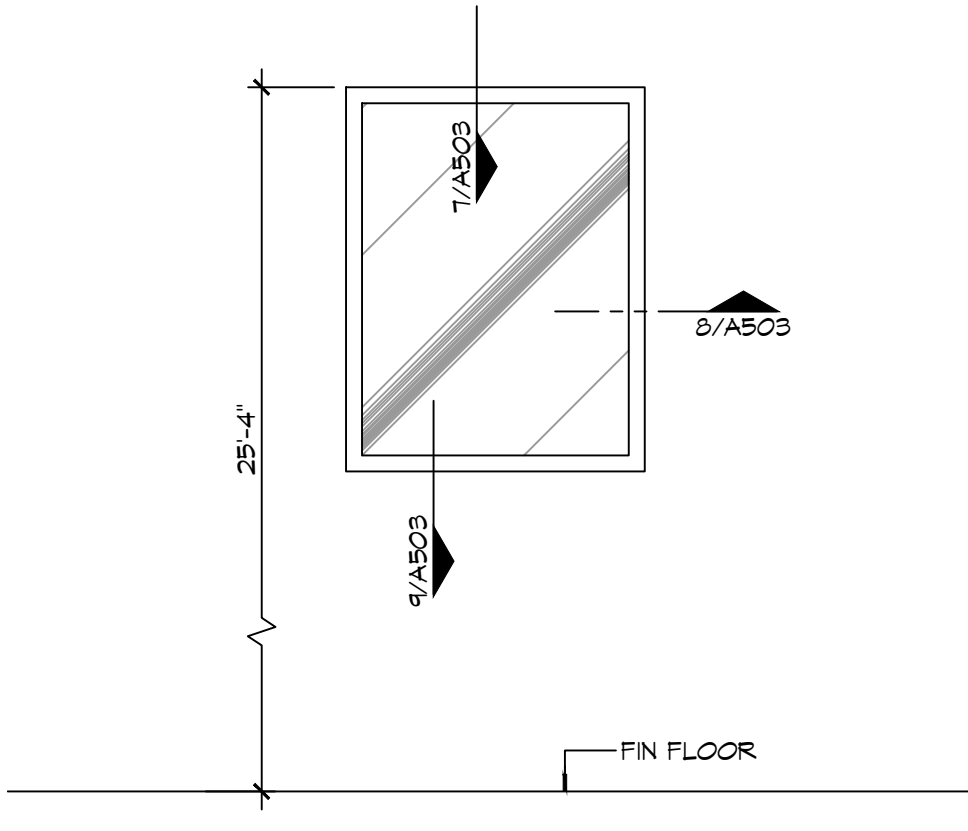
**4 WINDOW DETAIL**  
SCALE: 1 1/2" = 1'-0"  
HEAD



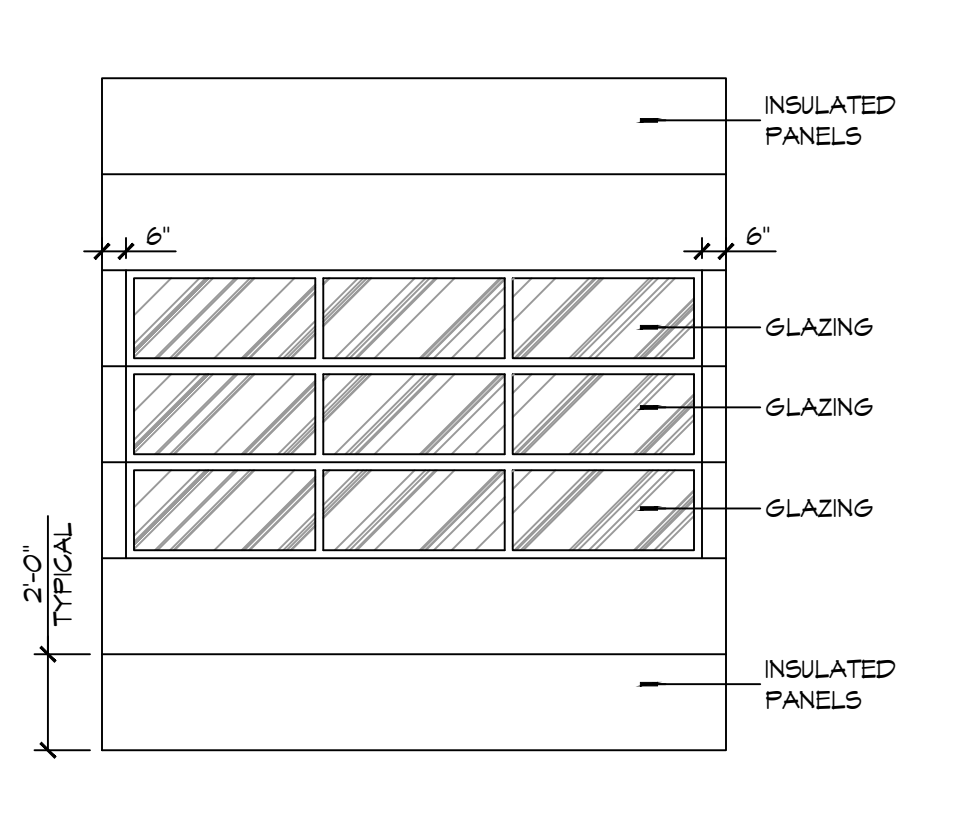
**3 WINDOW TYPES**  
SCALE: 1/2" = 1'-0"



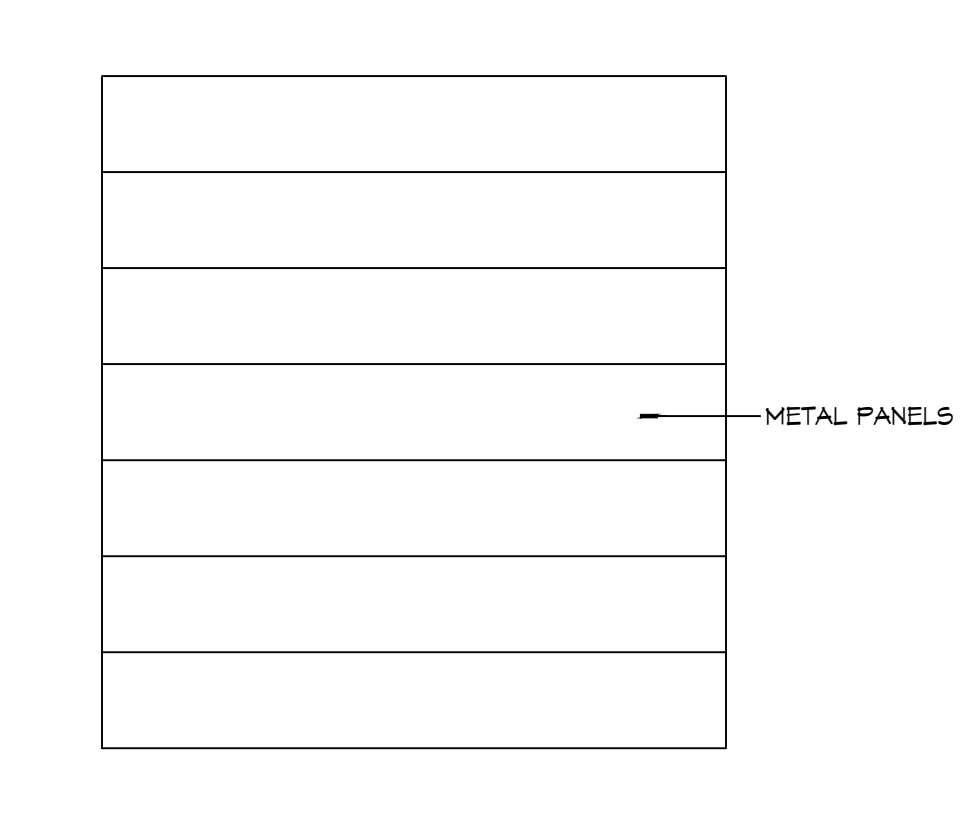
**2 WINDOW TYPES**  
SCALE: 1/2" = 1'-0"



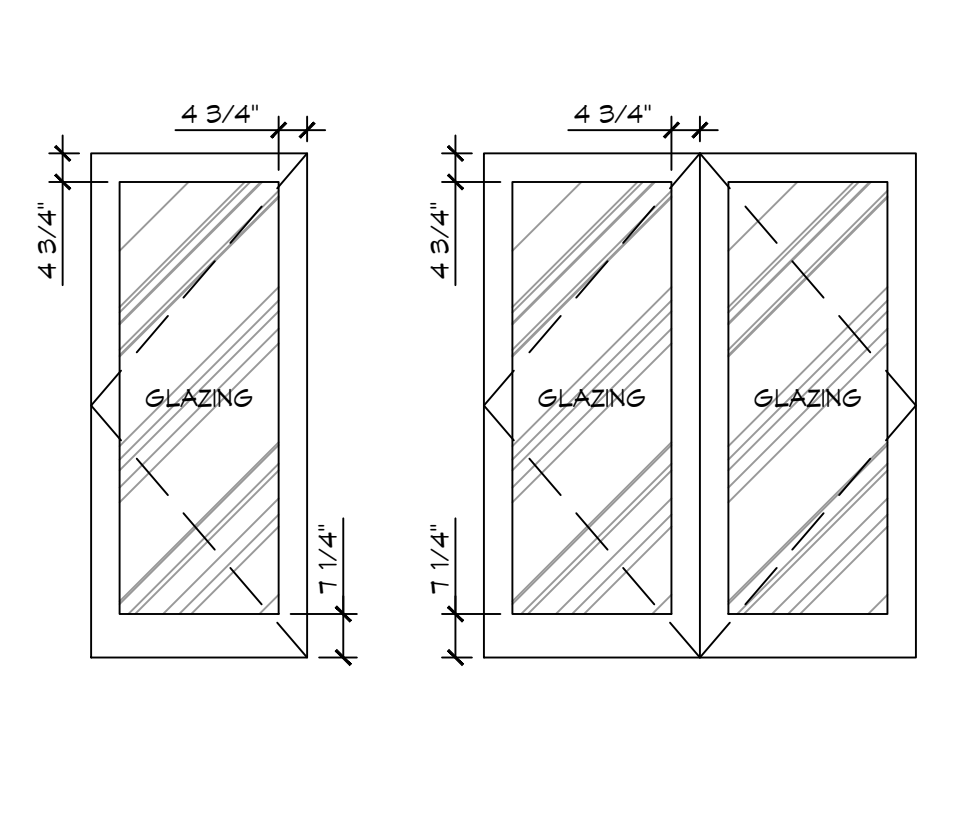
**1 WINDOW TYPES**  
SCALE: 1/2" = 1'-0"



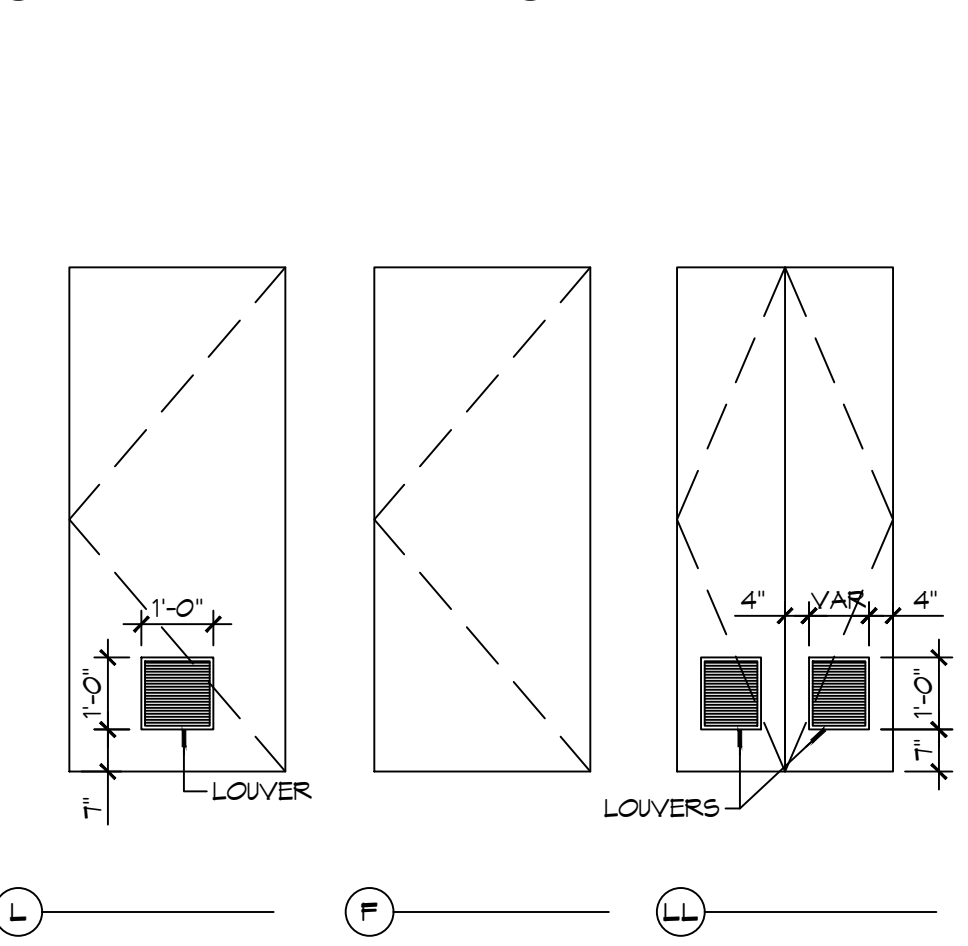
**2 DOOR TYPES**  
SCALE: NTS



**1 DOOR TYPES**  
SCALE: NTS



**2 DOOR TYPES**  
SCALE: NTS



**1 FRAME TYPES**  
SCALE: NTS

**GENERAL OPENING SCHEDULE NOTES**

- CONTRACTOR SHALL VERIFY ROUGH OPENING DIMENSIONS WITH MANUFACTURER'S REQUIREMENTS PRIOR TO CONSTRUCTION.
- ALL EGRESS DOORS SHALL BE READILY OPENABLE FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT.
- ALL DOORS NOT SPECIFIED TO RECEIVE A THRESHOLD SHALL HAVE A 3/4" UNDERCUT UNLESS NOTED OTHERWISE.
- DO NOT PAINT OVER FIRE-RATED LABELS, TAGS, EMBOSINGS, ETC. ON DOOR FRAMES OR DOORS.
- INSTALL WINDOWS, DOORS AND BRICK VENEER PER CODE.

**DOOR NOTES**

- DOOR WIDTH REFERS TO MASONRY OPENING - COORDINATE UNIT WIDTH WITH JAMB DETAIL AND MANUFACTURER'S REQUIREMENTS.
- PROVIDE 3/4" DOOR UNDERCUT AT ALL INTERIOR DOORS NOT EQUIPPED WITH A THRESHOLD OR SMOKE DOOR AND OR WHERE NOTED OTHERWISE.

**DAMMON ENGINEERING, INC.**  
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info@dammonengineering.com  
PH: 985.649.5832

#	DESCRIPTION	DATE



**NEW FIRE STATION #10  
ST. TAMMANY FIRE PROTECTION  
DISTRICT No. 1**  
246 LAKESHORE VISTA BLVD  
SLIDELL, LA 70461  
JOB No: 2519 DATE: 12-05-2025  
DRAWN BY: GKD CHECKED BY: JMS

SHEET TITLE:  
**DOOR AND WINDOW SCHEDULES, DOOR, WINDOW TYPES, & WINDOW DETAILS**  
DRAWING NUMBER:  
**A503**  
SHEET No: 29 of 37

FILE NAME: J:\Projects\2015\15-0000\15-0000.dwg  
 PLOT DATE: 12/05/2015 10:00 AM  
 PLOT BY: BAK

## GENERAL PLUMBING NOTES

1. PLUMBING LINES SHOWN ARE DRAWN DIAGRAMMATIC IN NATURE AND REPRESENT CONCEPTUAL ROUTING ONLY. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF ALL ACTUAL CONDITIONS.
2. PROVIDE ALL LABOR, MATERIAL, TRANSPORTATION, SUPERVISION, CLEAN-UP, SERVICES, AND EQUIPMENT FOR A COMPLETE OPERATING SYSTEM. THE SYSTEM SHALL INCLUDE HOT AND COLD WATER PIPING, SEWER AND VENT PIPING, INSULATION, WATER HEATER, HANGERS, VALVES, SUPPORTS WITHOUT ANY RESTRICTIONS TO VOLUME, CUT AND PATCH AS REQUIRED TO INSTALL PIPES.
3. ALL WORK AND MATERIAL SHALL CONFORM STRICTLY TO THE LATEST LOCAL CITY, PARISH, STATE AND NATIONAL GOVERNING CODES.
4. CONTRACTOR IS TO FIELD VERIFY ALL EXISTING UTILITY LOCATIONS, ELEVATIONS AND SIZES PRIOR TO COMMENCING ANY WORK. CONTRACTOR SHALL PAY NECESSARY FEES FOR THE UTILITIES CONNECTIONS.
5. CONTRACTOR IS RESPONSIBLE TO VERIFY THE EXISTING INVERTS AND SET NEW INVERTS OF SEWERAGE AND DRAINAGE PIPES.
6. SEWERAGE LINES 3-INCH AND SMALLER SHALL BE SLOPED 1/4" PER FOOT AND LINES 4-INCH AND LARGER SHALL BE 1/8" PER FOOT.
7. TEST ALL PIPING AT REQUIRED PRESSURE.
8. ALL PLUMBING SHALL BE CLOSELY COORDINATED WITH STRUCTURAL, MECHANICAL SYSTEM AND ELECTRICAL SYSTEMS TO INSURE NO TRADES WILL CONFLICT WITH EACH OTHER.
9. DO NOT SCALE DRAWINGS. SEE ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF DOORS, WINDOWS, WALLS, FIXTURES, ETC.
10. ALL WATER MAINS AND PIPING NOT SHOWN FOR CLARITY, ALL LOCATIONS FIELD VERIFIED.
11. DOMESTIC HOT AND COLD WATER PIPING AND FITTINGS UNDER SLAB SHALL BE ASTM B88 COPPER WATER TUBE, TYPE K, SOFT ANNEALED. NO JOINTS SHALL BE ALLOWED UNDER THE SLAB.
12. DOMESTIC WATER PIPING AND FITTINGS ABOVE THE SLAB SHALL BE ASTM B39 COPPER WATER TUBE, TYPE L, HARD DRAWN WITH COPPER PRESSURE TYPE FITTINGS, ANSI B16.22. THE JOINTS SHALL BE SOLDERED TYPE USING ASTM B32 ALLOY GRADE 95A (95-5) SOLDER.
13. SOIL, WASTE, VENT PIPING AND FITTINGS ABOVE THE SLAB SHALL BE SERVICE WEIGHT CAST IRON PIPE WITH BELL AND SPIGOT ENDS AND ONE PIECE NEOPRENE INSERT TYPE GASKET. USE PVC, SCHEDULE 40 OR ABS DWV PIPES AND FITTINGS WHERE PERMITTED BY CODE.
14. ALL WATER PIPING AND FITTINGS ABOVE THE FLOOR SHALL BE INSULATED WITH 1/2" THICK FIBERGLASS INSULATION AND JACKET.
15. ALL ELECTRICAL, MECHANICAL AND PLUMBING ELEMENTS PENETRATING FIRE PARTITIONS SHALL BE FIRE CAULKED. (PENETRATIONS THROUGH RATED CONSTRUCTION SHALL BE SEALED WITH A MATERIAL CAPABLE OF PREVENTING THE PASSAGE OF FLAMES AND HOT GASES WHEN TESTED IN ACCORDANCE WITH ASTM-E814.)
16. SEE ROOF PLAN FOR PLUMBING ROOF PENETRATIONS. ROUTE VENT PIPES IN ATTIC AS NECESSARY.
17. SEE SHEET G103 FOR CONTINUATION OF UTILITIES FROM POINT APPROXIMATELY FIVE FEET OUTSIDE OF BUILDING PERIMETER.
18. ALL VENTS THROUGH ROOF (VTR) SHALL BE LOCATED A MINIMUM OF 10'-0" FROM ANY MECHANICAL OR NATURAL AIR INTAKE.
19. ALL UTILITY LINES IN THE BUILDING AREA SHOULD BE HUNG FROM THE SLAB. FLEXIBLE CONNECTIONS MUST BE PROVIDED TO ACCOMMODATE AT LEAST 8 INCHES OF SETTLEMENT WHERE THE LINES EXTEND FROM PILE SUPPORTED TO NON-PILE SUPPORTED AREAS. HANGERS AND CONNECTIONS USED SHOULD BE MADE OF STAINLESS STEEL, MEETING THE APPLICABLE BUILDING CODE.

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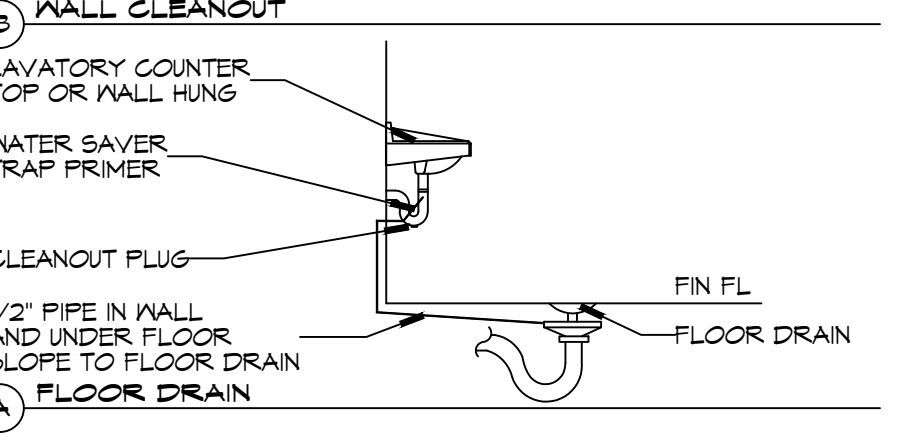
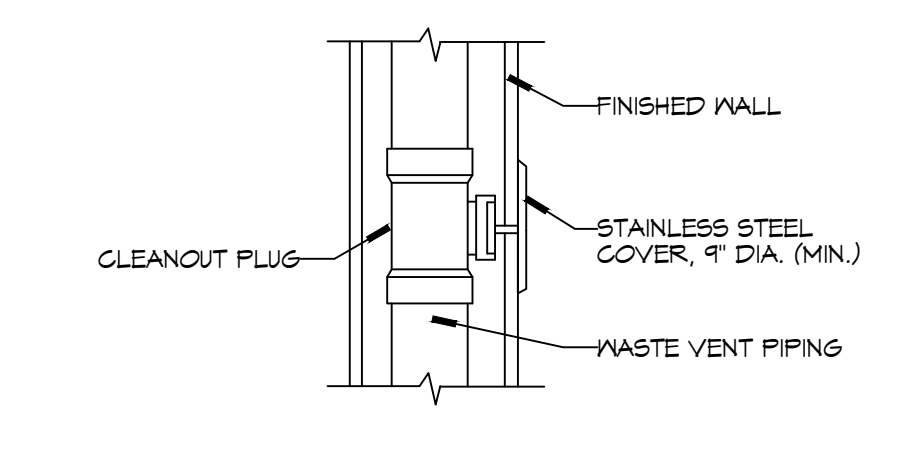
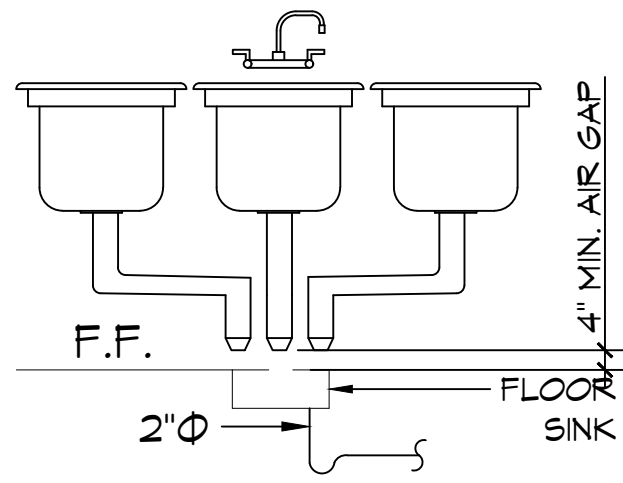
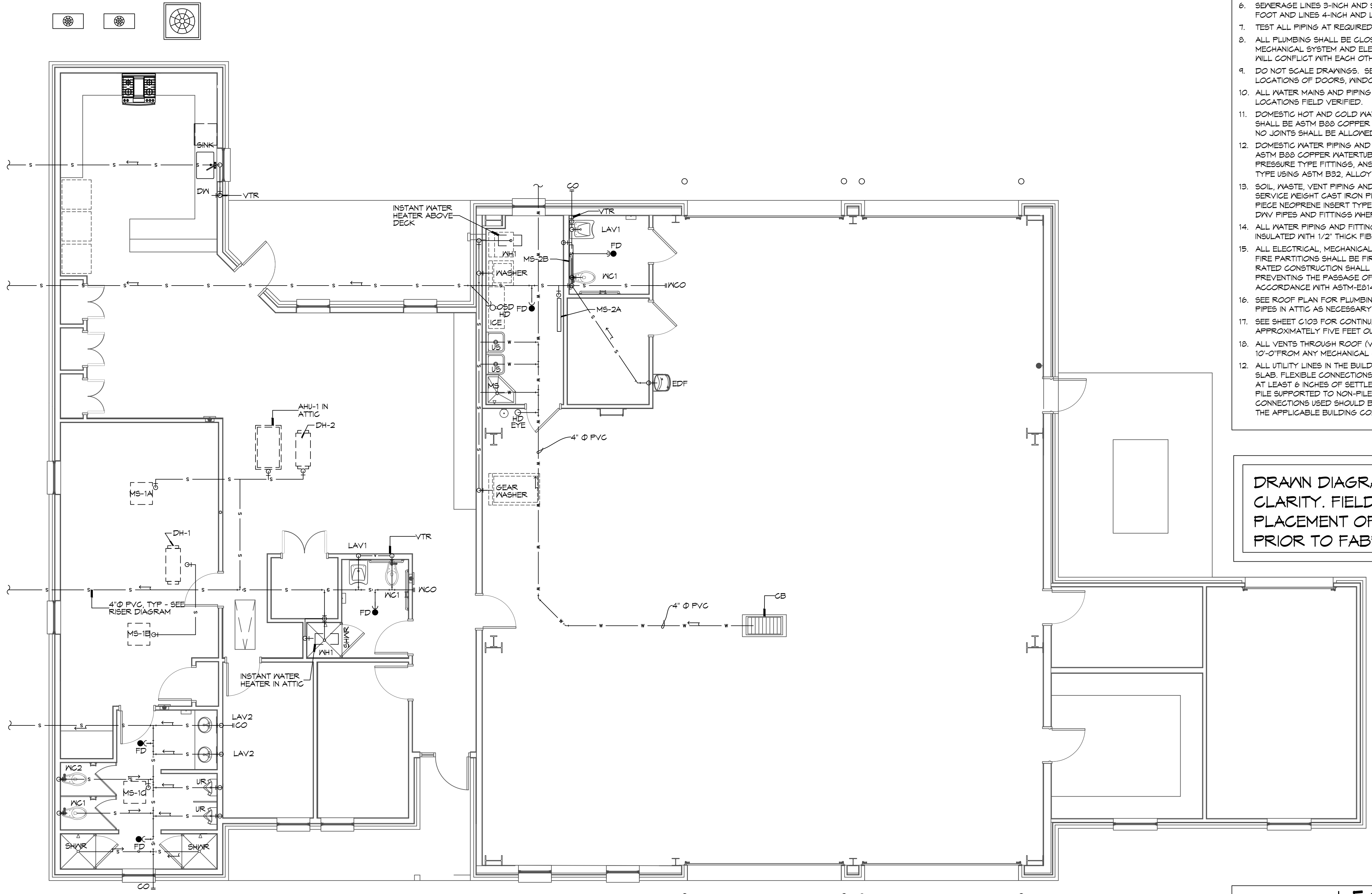
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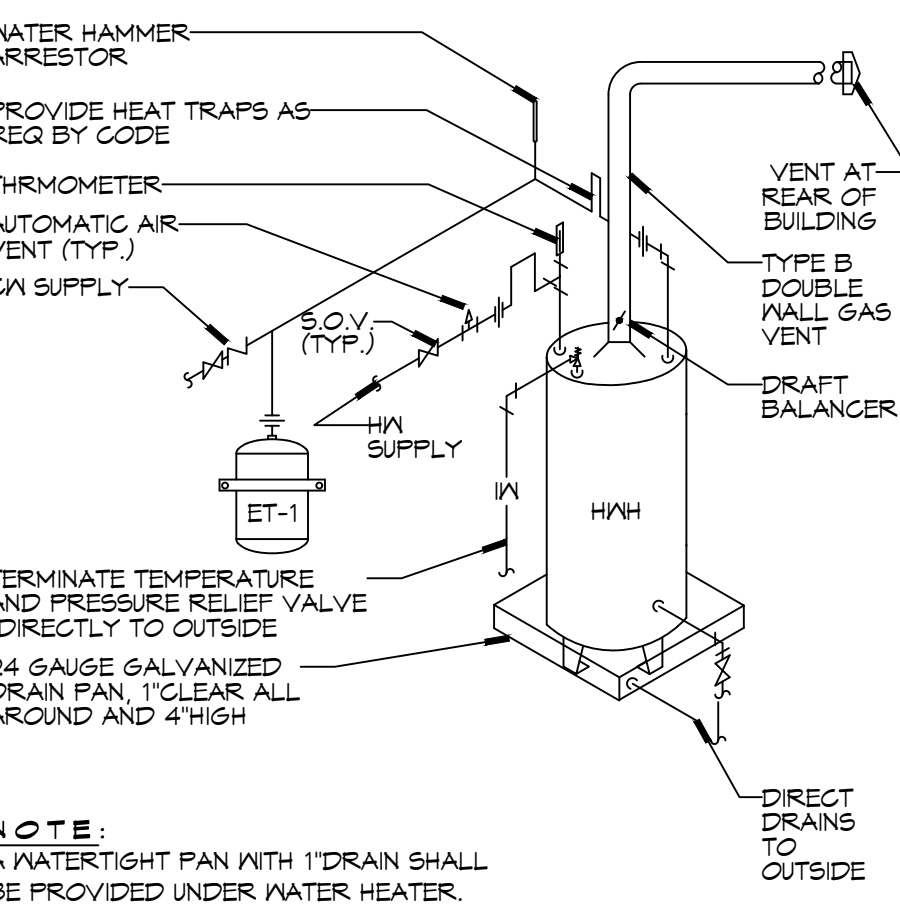
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**NEW FIRE STATION #10  
 ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1**  
 246 LAKESHORE VISTA BLVD  
 SLIDELL, LA 70461  
 JOB No: 2519 DATE: 12-05-2015  
 DRAWN BY: CKD CHECKED BY: BAK

SHEET TITLE:  
**PLUMBING PLAN - SEWER AND WASTE, AND MISC PLUMBING DETAILS**  
 DRAWING NUMBER:  
**P101**  
 SHEET No: 30 of 31



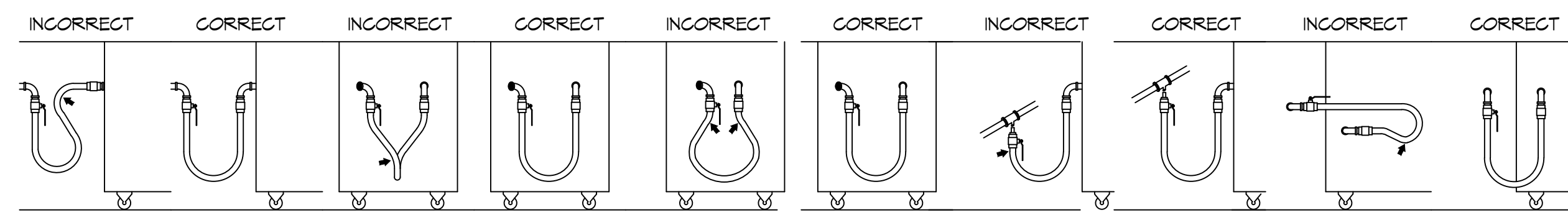
**3 DETAILS**  
SCALE: NTS MISCELLANEOUS PLUMBING



**1 PLUMBING SEWER PLAN**  
SCALE: 3/16"=1'-0"

SYMBOL	DESCRIPTION
—S—S—	SANITARY SEWER
—DW—DW—	POTABLE/DOMESTIC WATER
—V—V—	VENT PIPE
—W—W—	WASTE WATER
—GAS—GAS—	GAS PIPE
—C—C—	CONDENSATE PIPE
—FD	FLOOR DRAIN
—OSD	OPEN SIGHT DRAIN
—LCO	LINE CLEAN OUT
—WCO	WALL CLEAN OUT

DATE: 01/11/2025, 11:51 AM, Project: 2519 - Fire Station #10 (Fire Station) - District No. 1, Location: 2519 - Fire Station #10 (Fire Station) - District No. 1, 2519 - Fire Station #10 (Fire Station) - District No. 1, 2519 - Fire Station #10 (Fire Station) - District No. 1



**SHARP BENDS:** THE CORRECT WAY TO INSTALL METAL HOSE FOR VERTICAL TRAVERSE IS WITH A SINGLE, NATURAL LOOP. AVOID SHARP BENDS THAT STRAIN AND TWIST THE METAL HOSE TO A POINT OF EARLY FAILURE AT THE COUPLING.

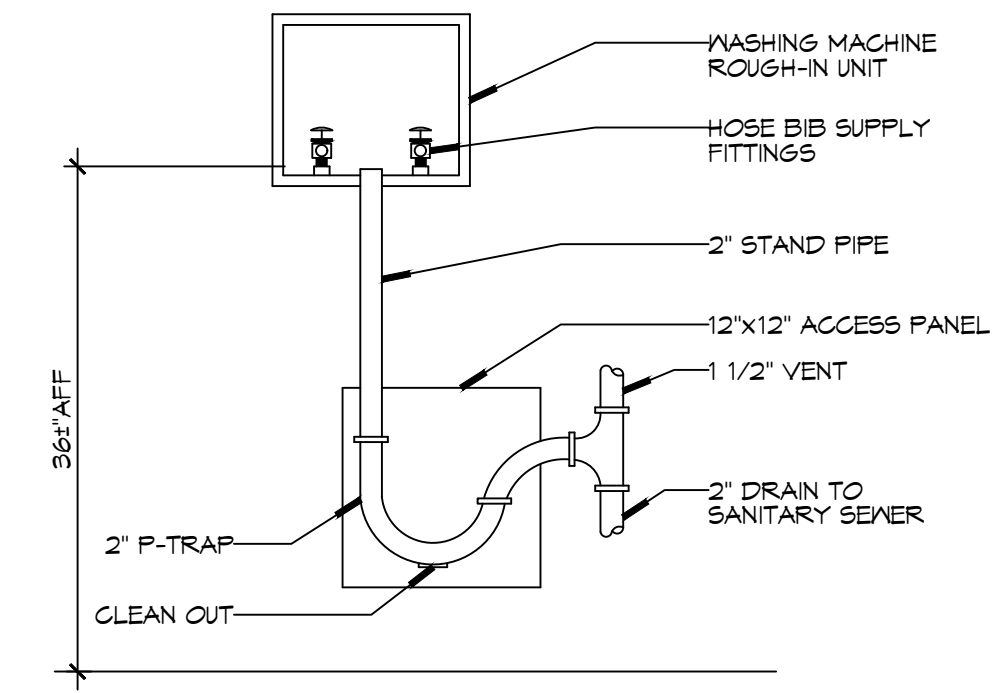
**SHARP BENDS:** SHOULD BE INSTALLED IN THE SAME OR LARGER BENDING DIAMETER VERTICAL PLANE. FAILURE TO DO SO CAUSES TORSIONAL TWISTING & UNDUE STRAIN CAUSING PREMATURE FAILURE.

**TWISTING:** COUPLINGS AND HOSE FATIGUE: MAINTAIN THE MINIMUM BENDING DIAMETER BETWEEN THE COUPLINGS. CREATING DOUBLE BENDS CAUSING WORK FATIGUE AT THE FITTINGS.

**INCORRECT:** AVOID SHARP BENDS AND KINKS WHEN PULLING EQUIPMENT AWAY FROM WALL. MAXIMUM PULL WILL KINK ENDS, EVEN IF INSTALLED PROPERLY, AND REDUCE CONNECTOR LIFE.

**SELF-DRAINING:** IN ALL INSTALLATIONS WHERE SELF-DRAINING IS NOT NECESSARY, CONNECT METAL HOSE IN A VERTICAL LOOP. DO NOT CONNECT METAL HOSE HORIZONTALLY UNLESS SELF-DRAINING IS NECESSARY, THEN USE SUPPORT ON LOWER PLANE.

**CORRECT:** MINIMUM PULL OF EQUIPMENT AWAY FROM WALL PERMISSIBLE FOR ACCESSIBILITY TO SUPR-QUIK DISCONNECT.



**3 DETAIL**  
SCALE: NTS  
WASHING MACHINE HOOK-UP

**GENERAL PIPING NOTES**

- SEE SHEET P101 FOR GENERAL PLUMBING NOTES.
- WATER LINES ON EXTERIOR WALLS SHALL BE ROUTED ON INTERIOR SIDE OF INSULATION.
- NOT USED.
- SEE PLUMBING RISER DIAGRAMS FOR PIPE SIZES NOT INDICATED ON THIS SHEET.

**LEGEND**

SYMBOL	DESCRIPTION
— CW —	COLD WATER SUPPLY PIPING (CW)
— HW —	HOT WATER SUPPLY PIPING (HW)
— THW —	TEMPERED WATER SUPPLY PIPING (THW)
— GAS —	GAS PIPING
⊘	GLOBE VALVE
⊘	TEMPERING VALVE
⊘	GAS COCK
⊘	HEATER
↗	ELBOW UP
↘	ELBOW DOWN
⊕	HOSE BIB
⊕	SPRINKLER RISER

**GAS EQUIPMENT SCHEDULE**

DESCRIPTION	BTU INPUT
RINNAI TANKLESS HOT WATER HEATER	199,900
RANGE	106,500
SPACE HEATER	125,000
CLOTHES DRYER	35,000
GENERATOR	1261000
<b>TOTAL BTU</b>	<b>1,707,400</b>

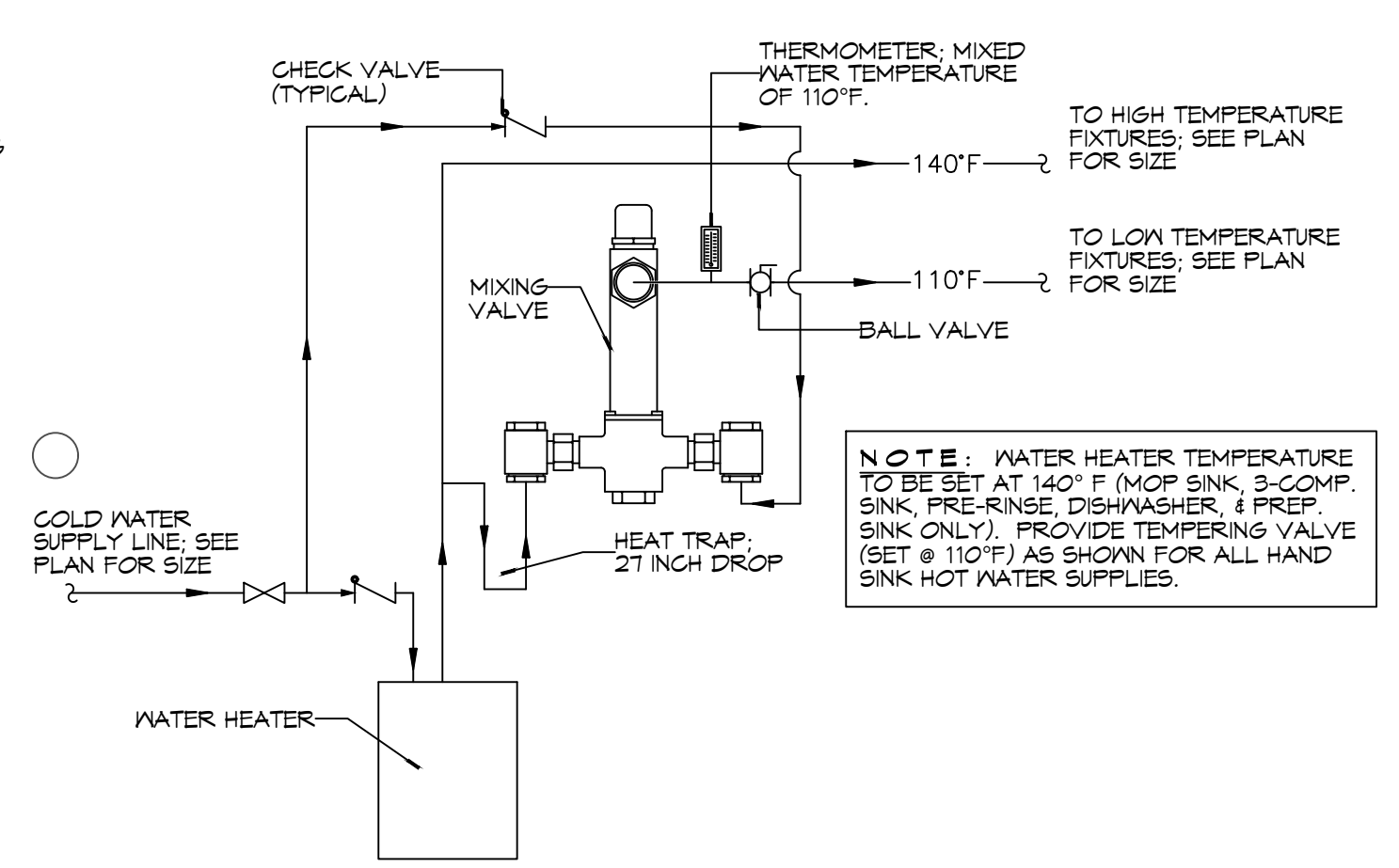
**NOTES:**  
1. ALL GAS PIPE SHALL BE SCHEDULE 40 BLACK STEEL PIPE. ALL PIPE INSTALLED ON ROOF SHALL BE SUPPORTED ON A PIPE PIER SUPPORT SYSTEM. WOOD BLOCKING NOT ALLOWED.  
2. ALL GAS PIPING IS SIZED FOR A LOW PRESSURE SYSTEM, (< 2 psig OR LESS AND A PRESSURE DROP OF 0.5in. OF WATER COLUMN.)

**CONTACT FOR ATMOS ENERGY**  
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Account Representative  
Atmos Energy Corporation  
Louisiana Division  
985-373-9177 Cell  
kathleen.dufour@atmosenergy.com

**CONTACT FOR MAGNOLIA WATER**  
Sieve Ernst  
Director, Louisiana Regulatory Relations  
Email: semst@scsurgroup.com  
M(905) 640-1355

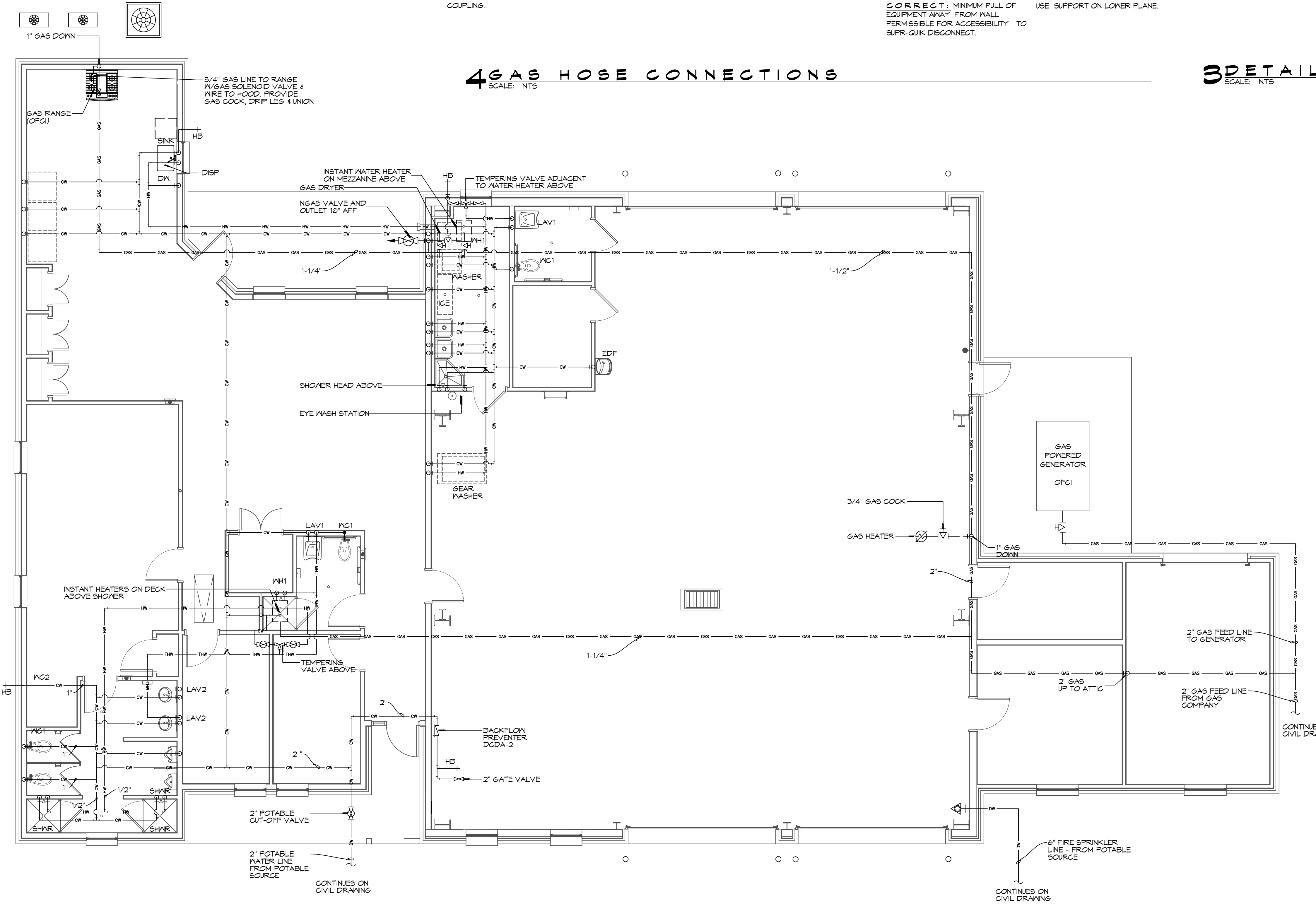
**DRAWN DIAGRAMMATICALLY FOR CLARITY. FIELD VERIFY PLACEMENT OF ALL EQUIPMENT PRIOR TO FABRICATION.**

- NOTES:**
- HEAT TRAP IS NOT REQUIRED WHERE MIXING VALVE IS INSTALLED BELOW STORAGE TANK OR WATER HEATER.
  - SET THE MIXING VALVE TO THE SYSTEM ACCORDING TO MANUFACTURER'S INSTRUCTIONS.



**1 DETAIL**  
SCALE: NTS  
TEMPERED WATER VALVE

**4 GAS HOSE CONNECTIONS**  
SCALE: NTS



**2 PLUMBING PLAN - WATER AND GAS**  
SCALE: 3/16"=1'-0"

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#	DESCRIPTION	DATE



**NEW FIRE STATION #10  
ST. TAMMANY FIRE PROTECTION  
DISTRICT NO. 1**

248 LAKESHORE VISTA BLVD  
SLIDELL, LA 70461  
JOB No: 2519 DATE: 12-05-2025  
DRAWN BY: BAW CHECKED BY: CKD

SHEET TITLE:  
PLUMBING PLAN - WATER AND GAS

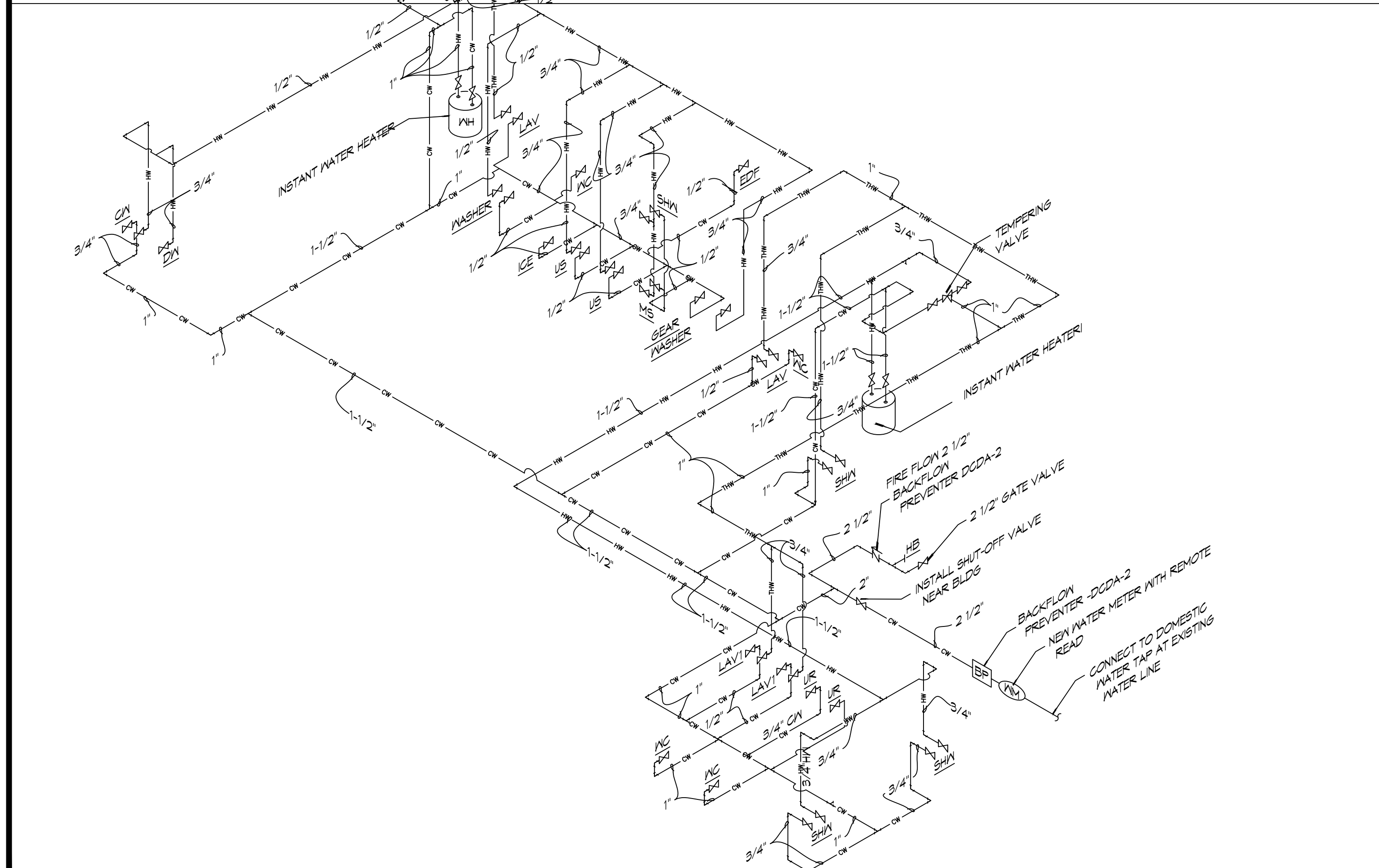
DRAWING NUMBER:  
**P102**

SHEET No: 31 of 37

**PLUMBING FIXTURE SCHEDULE**

MK	DESCRIPTION	TYPE	ROUGH-IN SIZE				BASIS OF DESIGN	NOTES
			WASTE	VENT	CM	HM		
WC1	HOT WATER CLOSET	VALVE	4"	2"	1"	-	SLOAN ELONGATED FLOOR MOUNTED ADA WATER CLOSET ST-2029, SLOAN ELECTRONIC FLUSH, W/ELONGATED WHITE SEAT	3,4
WC2	WATER CLOSET	VALVE	4"	2"	1"	-	SLOAN ELONGATED FLOOR MOUNTED ADA WATER CLOSET ST-2029, SLOAN ELECTRONIC FLUSH, W/ELONGATED WHITE SEAT	4
UR	URINAL	WALL HUNG	2"	2"	1/2"	-	SLOAN WASHDOWN URINAL SU-1009 SLOAN ELECTRONIC FLUSH	
LAV1	HOT LAVATORY	WALL HUNG	2"	2"	1/2"	1/2"	SLOAN BATHROOM SINK: 55-3103 SLOAN DOUBLE BLADE FAUCET	2,3,4
LAV2	LAVATORY	COUNTER	2"	2"	1/2"	1/2"	EMMA WASH BASIN 4-520 MOEN DOUBLE BLADE FAUCET 5215	1,2,3,4
FD	FLOOR DRAIN	-	2"	2"	-	-	JAY R. SMITH 2010-B-P, COATED CAST IRON W/ADJUSTABLE NICKEL BRONZE GRATE, TRAP PRIMER CONNECTION & DEEP SEAL TRAP.	4
US	UTILITY SINK	FLOOR	2"	2"	3/4"	3/4"	FIAT FL-1 FLOOR MOUNTED LAUNDRY SINK WITH DELTA LF 2HDL FAUCET	4
MS	MOP SINK	FLOOR	2"	2"	3/4"	3/4"	FIAT TSBG1611 MOP SINK WITH CHICAGO 89T-RCF FAUCET, DELTA FAUCET MULTI-CHOICE VALVE BODY R10000-IPMS; DELTA FAUCET MULTI-CHOICE PRESSURE BALANCE SHOWER VALVE T13H153 AND T13H162	4
SINK	SINGLE KITCHEN SINK	UNDER COUNTER	2"	2"	3/4"	3/4"	KRAUS 32" UNDERMOUNT SINGLE BOWL KHU100-32 KOHLER THREE FUNCTION SPRAYHEAD K-29106	4
DISP	GARBAGE DISPOSAL	UNDER COUNTER	2"	2"	-	-	INSINKERATOR LC-50	4
DW	DISHWASHER	UNDER COUNTER	-	-	-	1/2"	OFGI	5
SHWR	SHOWER	-	3"	2"	1/2"	1/2"	36"X36" AQUATIC SHOWER W/GLASS DOOR, 1369BF-8C WITH DELTA FAUCET MULTI-CHOICE VALVE BODY R10000-IPMS, DELTA FAUCET MULTI-CHOICE PRESSURE BALANCE SHOWER VALVE T13H153 AND T13H162; AND JONES STEPHENS CORP. NO CAULK SHOWER STALL DRAIN AND 95 STRAINER D40140.	4
MH1	WATER HEATER	GAS	-	3"	3/4"	3/4"	RINNAI 199I INSTANT NONCONDENSING WATER HEATER	4
N/A			-	-	-	-		
EDF	ELEC DRINKING FOUNTAIN	WALL HUNG	1-1/2"	1"	1/2"	-	ELKAY DRINKING FOUNTAIN WITH BOTTLE FILLER: ON-WALL, REFRIGERATED, 39 1/2 IN HT, GRAY, FILTERED	4
ICE	ICE MACHINE	FLOOR MOUNT	2"	2"	1/2"	-	OFGI	5
WASH	LAUNDRY WASHING MACHINE	FLOOR MOUNT	2"	1-1/2"	3/4"	3/4"	OFGI	5
DRYER	GAS CLOTHES DRYER	FLOOR MOUNT	-	-	-	-	OFGI	5
HB	FREEZE PROOF HOSE BIBB	WALL	-	-	1/2"	-	ZURN Z1341-BFP WALL FAUCET W/ BACKFLOW PREVENTER	4
FCO	FLOOR CLEAN-OUT	-	-	-	-	-	MADE W-6004-Y, CAST IRON W/ADJUSTABLE HOUSING, ROUND HEAVY CAST IRON VANDAL PROOF TOP. (ALTERNATE JOSAM NO. 50014-15)	4
WCO	WALL CLEAN-OUT	-	-	-	-	-	MADE W-8453-R6, WITH BRASS PLUG AND ROUND STAINLESS STEEL SECURED ACCESS COVER.	4
CB	CATCH BASIN	-	SEE DWG	-	-	-	NOT USED	4
OWS	OIL WATER SEPARATOR	-	-	-	-	-	50 GAL OIL WATER SEPARATOR	4
LS	NOT USED	-	-	-	-	-	NOT USED	4
DCDA-1	NOT USED	-	-	-	2"	-	NOT USED	4
DCDA-2	CHECK VALVE	-	-	-	2-1/2"	-	ZURN DOUBLE CHECK DETECTOR ASSEMBLY MODEL 3500A	4
ABH	APPARATUS BAY HEATER	WALL	-	-	-	-	SUPPLIED UNDER MECHANICAL CONTRACT STERLING MODEL TF 125	4
AHU	AIR HANDLING UNIT	-	2"	2"	-	-	SUPPLIED UNDER MECHANICAL CONTRACT	
EYE	EYEWASH STATION	FLOOR MOUNT	3"	2"	3/4"	3/4"	GUARDIAN 61825 EYEWASH	

**NOTES:**  
 1. HOT WATER AND DRAIN PIPES UNDER LAVATORIES SHALL BE INSULATED OR OTHERWISE CONFIGURED TO PROTECT AGAINST CONTACT. THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER LAVATORIES.  
 2. PROVIDE CHAIR CARRIER FOR ALL WALL-MOUNTED PLUMBING FIXTURES.  
 3. INSTALL A CONTINUOUS DRIP VALVE ON ALL FLOOR DRAINS.  
 4. PROVIDE FIXTURE AS DESIGNED OR PRIOR APPROVED EQUAL.  
 5. OWNER FURNISHED AND CONTRACTOR INSTALLED (OFGI)  
 TEMPERING VALVE

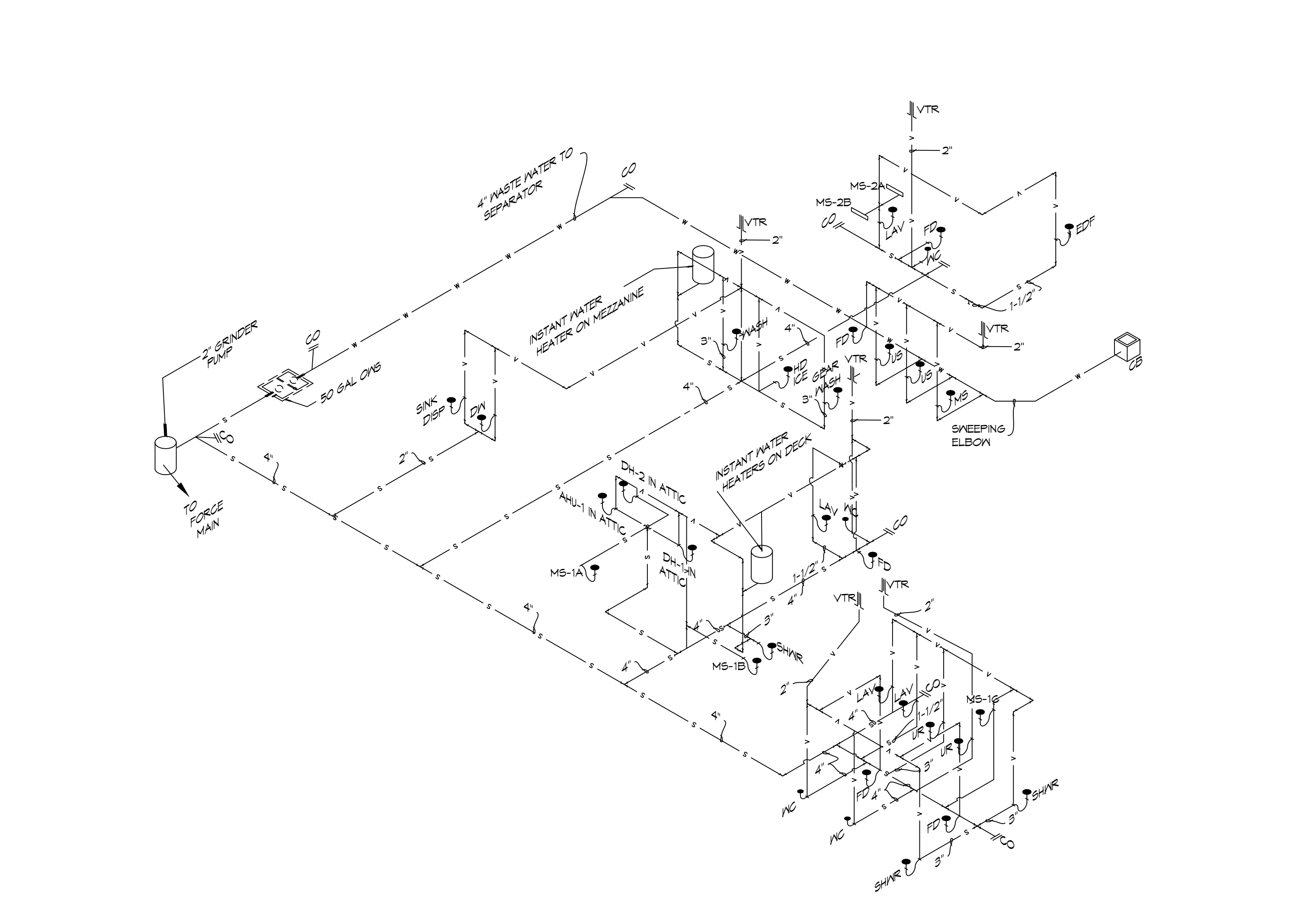


**2 RISER DIAGRAM**  
 SCALE: NTS  
 PLUMBING WATER SUPPLY

**RISER DIAGRAM NOTES**

1. PLUMBING LINES SHOWN ARE DRAWN DIAGRAMMATIC IN NATURE AND REPRESENT CONCEPTUAL ROUTING ONLY. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF ALL ACTUAL CONDITIONS.
  2. DO NOT SCALE DRAWINGS. SEE ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF DOORS, WINDOWS, WALLS, FIXTURES, ETC.
  3. ALL ELECTRICAL, MECHANICAL AND PLUMBING ELEMENTS PENETRATING FIRE PARTITIONS SHALL BE FIRE CAULKED. ALL WALLS AND (PENETRATIONS THROUGH RATED CONSTRUCTION SHALL BE SEALED WITH A MATERIAL CAPABLE OF PREVENTING THE PASSAGE OF FLAMES AND HOT GASES WHEN TESTED IN ACCORDANCE WITH ASTM-E814.)
  4. SEE SHEET P101 FOR GENERAL PLUMBING NOTES.
  5. SEE ROOF PLAN FOR INTENDED LOCATIONS OF ALL ROOF PENETRATIONS.
  6. SEE CIVIL DRAWINGS FOR SITE DRAINAGE CATCH BASIN LOCATIONS.
- CONTACT FOR ATMOS ENERGY: Kathleen A Dufour, Account Representative, Atmos Energy Corporation, Louisiana Division, 985-373-9171 Cell, kathleen.dufour@atmosenergy.com
- CONTACT FOR MAGNOLIA WATER: Steve Ernst, Director, Louisiana Regulatory Relations, Email: sernst@surgroup.com, M:(985) 640-1355

**3 RISER DIAGRAM**  
 SCALE: NTS



**3 RISER DIAGRAM**  
 SCALE: NTS  
 PLUMBING SEWER AND WASTE WATER

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#	DESCRIPTION	DATE



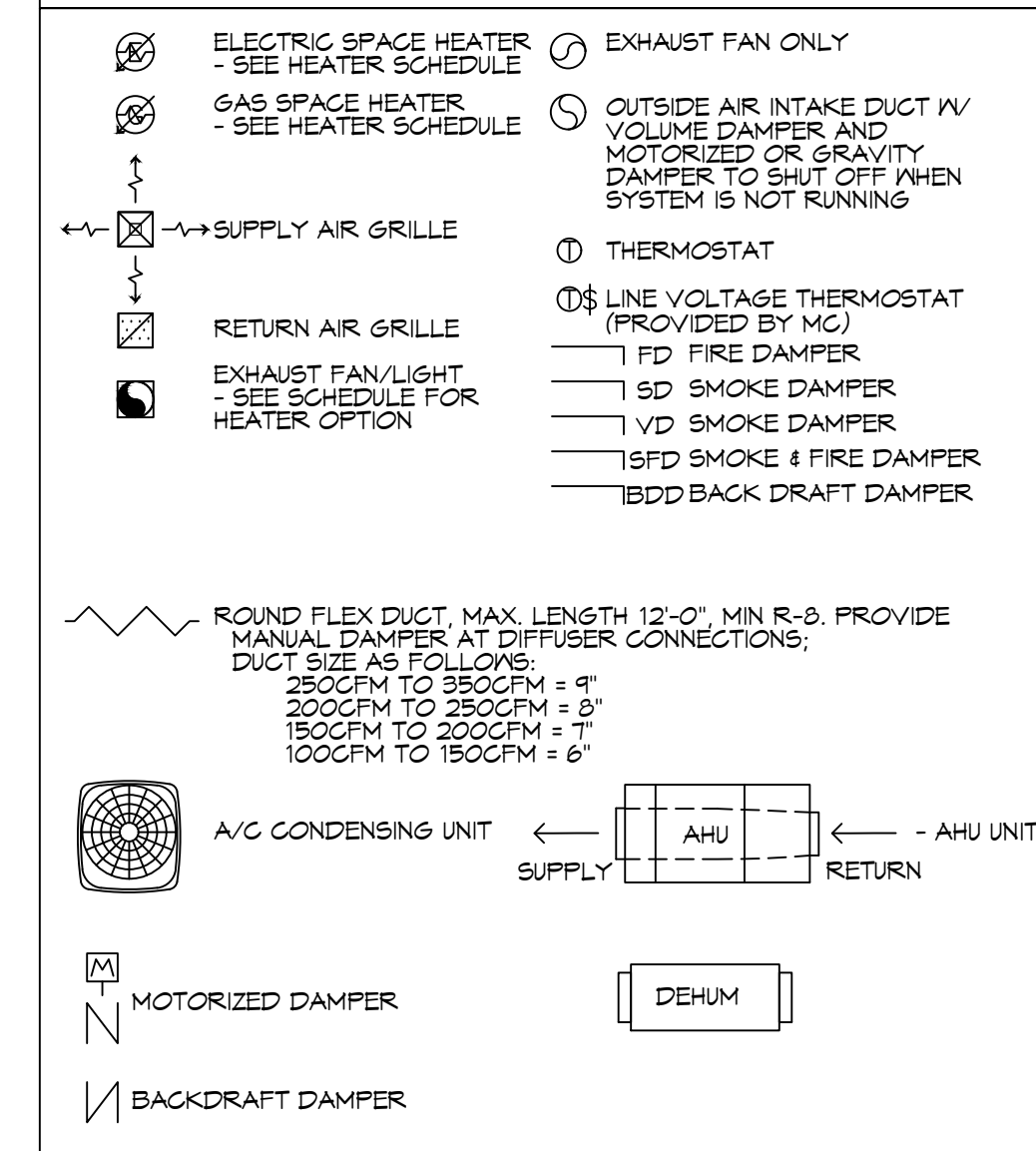
NEW FIRE STATION #10  
 ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1  
 2148 LAKESHORE VISTA BLVD  
 SLIDELL, LA 70461  
 JOB No: 2519 DATE: 12-05-2025  
 DRAWN BY: CKD CHECKED BY: BAK

SHEET TITLE:  
 PLUMBING AND GAS RISER DIAGRAMS  
 DRAWING NUMBER:  
**P103**  
 SHEET No: 32 of 37



E:\WORK\24-11-Dammmon\24-11 - Fire Station #10\24-11 Fire Station #10 - Mechanical\24-11 Fire Station #10 - Mechanical\24-11 Fire Station #10 - Mechanical.dwg, 12/22/2024, 10:53:21 AM

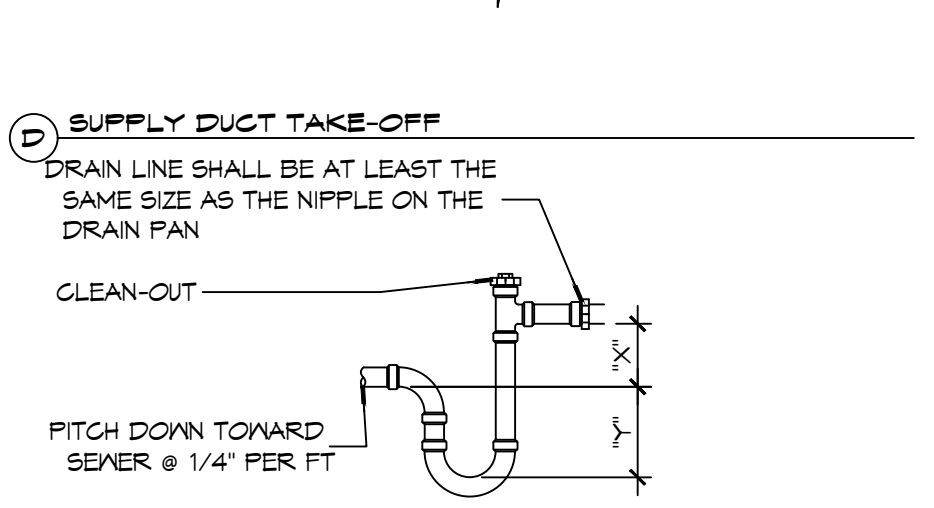
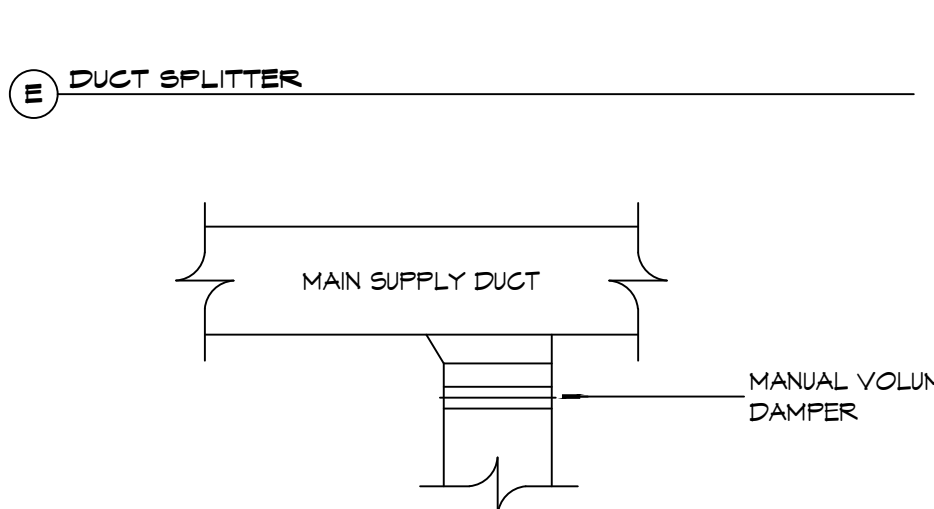
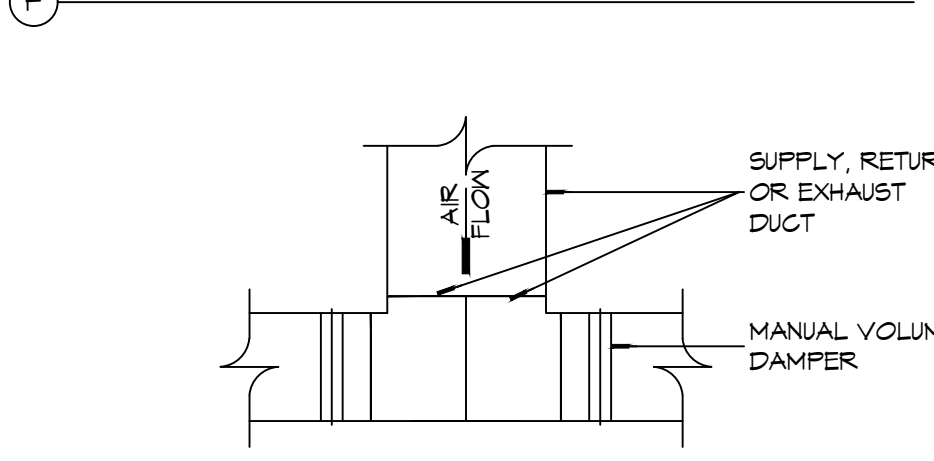
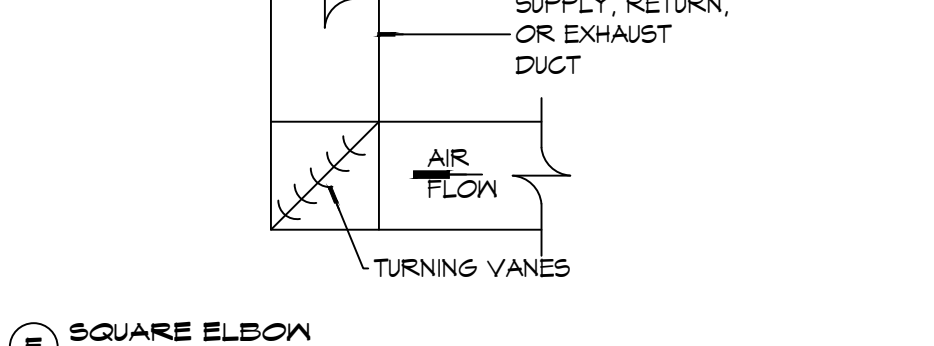
**LEGEND**



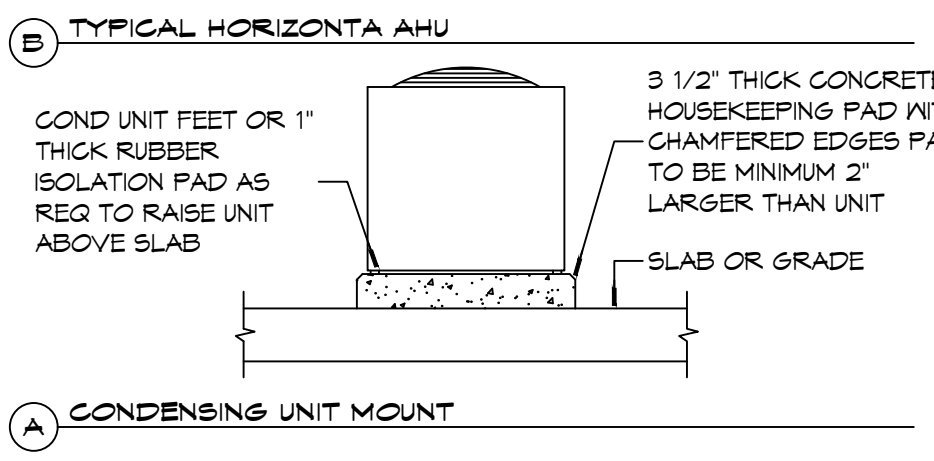
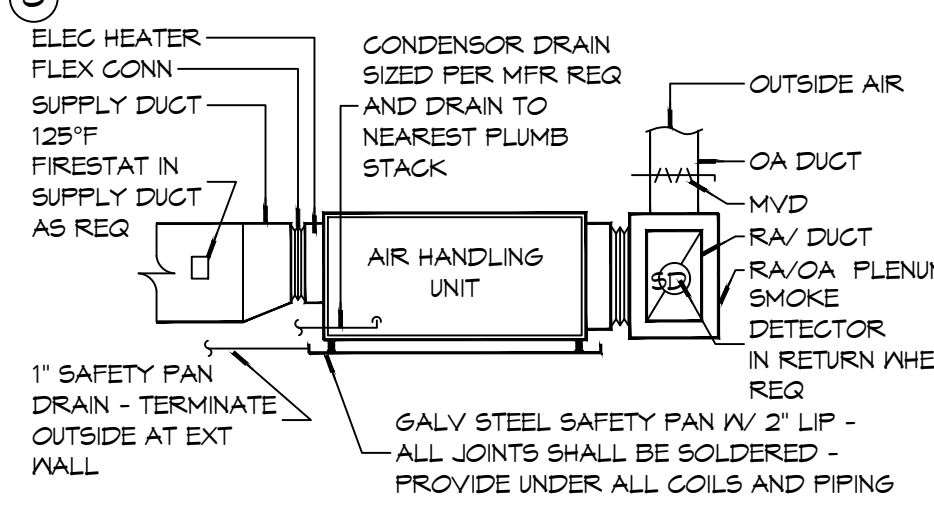
**GENERAL HVAC NOTES**

1. CONCEALED DUCTWORK TO BE GALVANIZED SHEET METAL LINED WITH FIBROUS GLASS DUCT LINER, MIN R-6. INSTALLED PER SMACNA STANDARDS.
2. EXPOSED DUCTWORK TO BE GALVANIZED SHEET METAL LINED WITH FIBROUS GLASS DUCT LINER, MIN R-6. INSTALLED PER SMACNA STANDARDS.
3. ROUND FLEXIBLE DUCT TO BE UL-181, CLASS 1, AIR DUCT MATERIALS.
4. DUCT SIZES SHOWN ARE CLEAR INSIDE DIMENSIONS.
5. IN ALL SYSTEMS OVER 2000 CFM AND LESS THAN 15,000 CFM, SMOKE DETECTORS SHALL BE INSTALLED IN ACCORDANCE WITH NFPA 12E IN THE RETURN DUCT DOWNSTREAM OF THE AIR HANDLING UNIT AND ALL FILTERS TO AUTOMATICALLY STOP THE FAN.
6. PROVIDE UL LISTED 125°F FIRESTAT IN RETURN AIR OF EACH SYSTEM UNDER 2000 CFM TO SHUT DOWN THE FAN IN THE EVENT OF FIRE.
7. PROVIDE UL RATED FIRE DAMPERS WHERE REQUIRED AT ALL DUCT PENETRATIONS OF FIRE-RATED ASSEMBLIES AND WHERE REQUIRED BY CODE, INCLUDING OUTSIDE AIR INTAKES AND EXHAUST FANS.
8. CONDENSATE DRAINS TO BE PVC PIPE RUN TO PLUMBERS P-TRAP WITHIN FIVE FEET OF AIR HANDLING UNITS.
9. ALL AIR HANDLING SYSTEMS TO BE BALANCED TO ASSURE PROPER AIR FLOWS PER PLANS.
10. ALL THERMOSTATS TO BE AUTOMATIC CHANGEOVER WITH HEAT SWITCH.
11. EXHAUST FAN SHALL BE CONTROLLED BY A SWITCH ON THE WALL IN THE SAME LOCATION AS LIGHT SWITCH(S). PROVIDE BACK DRAFT DAMPER.
12. PROVIDE AND INSTALL WATER PROOF GRILLE VENT IN PROPER ROOF LOCATION FOR PLUMBING FIXTURE EXHAUST.
13. ALL SUPPLY AIR VENTS SHALL BE EQUIPPED WITH AIR CONTROL DAMPERS AT THE REGISTER.
14. LOCATE OUTDOOR UNITS AS SHOWN ON ARCHITECTURAL DRAWINGS.
15. REFRIGERANT LINES SHALL BE SIZED BY UNIT MANUFACTURER AND INSTALLED ACCORDING TO MANUFACTURER'S INSTRUCTIONS.
16. FRESH AIR SHALL BE SUPPLIED TO EACH AIR HANDLER THROUGH EXTERIOR WALL DUCT SUPPLIED WITH A CONTROL DAMPER.
17. ALL ELECTRICAL, MECHANICAL, AND PLUMBING PENETRATING FIRE WALLS SHALL BE FIRE CAULKED. PENETRATIONS THROUGH RATED CONSTRUCTION SHALL BE SEALED WITH A MATERIAL CAPABLE OF PREVENTING THE PASSAGE OF FLAMES AND HOT GASES WHEN TESTED IN ACCORDANCE WITH ASTM-E8-14).
18. ALL MECHANICAL SYMBOLS ARE DRAWN DIAGRAMMATICALLY. CONTRACTOR TO VERIFY WITH OWNER LOCATIONS OF VENTS, DAMPERS, REGISTERS, ETC.
19. FLEXIBLE DUCTWORK LENGTH NOT TO EXCEED 12'-0".
20. REFER TO REFLECTED CEILING PLAN FOR FINAL GRILLE AND DIFFUSER LOCATIONS AND COORDINATE AS REQUIRED.
21. FINAL LOCATION OF TEMPERATURE CONTROLS TO BE COORDINATED WITH OWNER AT JOB SITE.
22. PROVIDE AND INSTALL SMOKE DETECTORS AS APPROVED BY LOCAL AHJ'S. PLACE NEAR R/A AND S/A OPENINGS OF AHU AND PROVIDE, WITH ACCESS PANEL, WIRING BY ELECTRICAL CONTRACTOR.
23. FRESH AIR INTAKES ARE REQUIRED TO HAVE MOTORIZED OR GRAVITY DAMPERS TO SHUT OFF WHEN SYSTEM IS NOT RUNNING.
24. PROVIDE BIRD SCREENS AT ALL EXTERIOR MECHANICAL PENETRATIONS.
25. COORDINATE WALL MOUNTED THERMOSTAT LOCATIONS WITH ALL OWNER FURNISHED ITEMS EITHER WALL MOUNTED OR FLOOR MOUNTED AGAINST PARTITIONS. REFER TO ARCHITECTURAL DRAWINGS.
26. SEE ROOF PLAN FOR ALL ROOF PENETRATIONS.
27. PROVIDE MIN 16 GA GALVANIZED SHEET METAL TO BLANK-OFF GABLE VENTS WHERE INTAKE/EXHAUST DUCTS OCCUR.
28. CONTRACTOR SHALL PERFORM BLOWER DOOR AND AIR DUCT LEAKAGE TESTING IN ACCORDANCE WITH ANSI/RESNET/ICC 380 - 2022. DUCT LEAKAGE SHALL COMPLY WITH 2021 IECC STANDARDS WITH A MAXIMUM LEAKAGE OF 4 CFM/100 SQUARE FOOT OF CONDITIONED AREA. BLOWER DOOR LEAKAGE SHALL NOT EXCEED 5 AIR CHANGES PER HOUR AT 50 PASCALS (ACH 50). A REPRESENTATIVE FROM FD-1 WILL BE PRESENT FOR THESE TESTS.

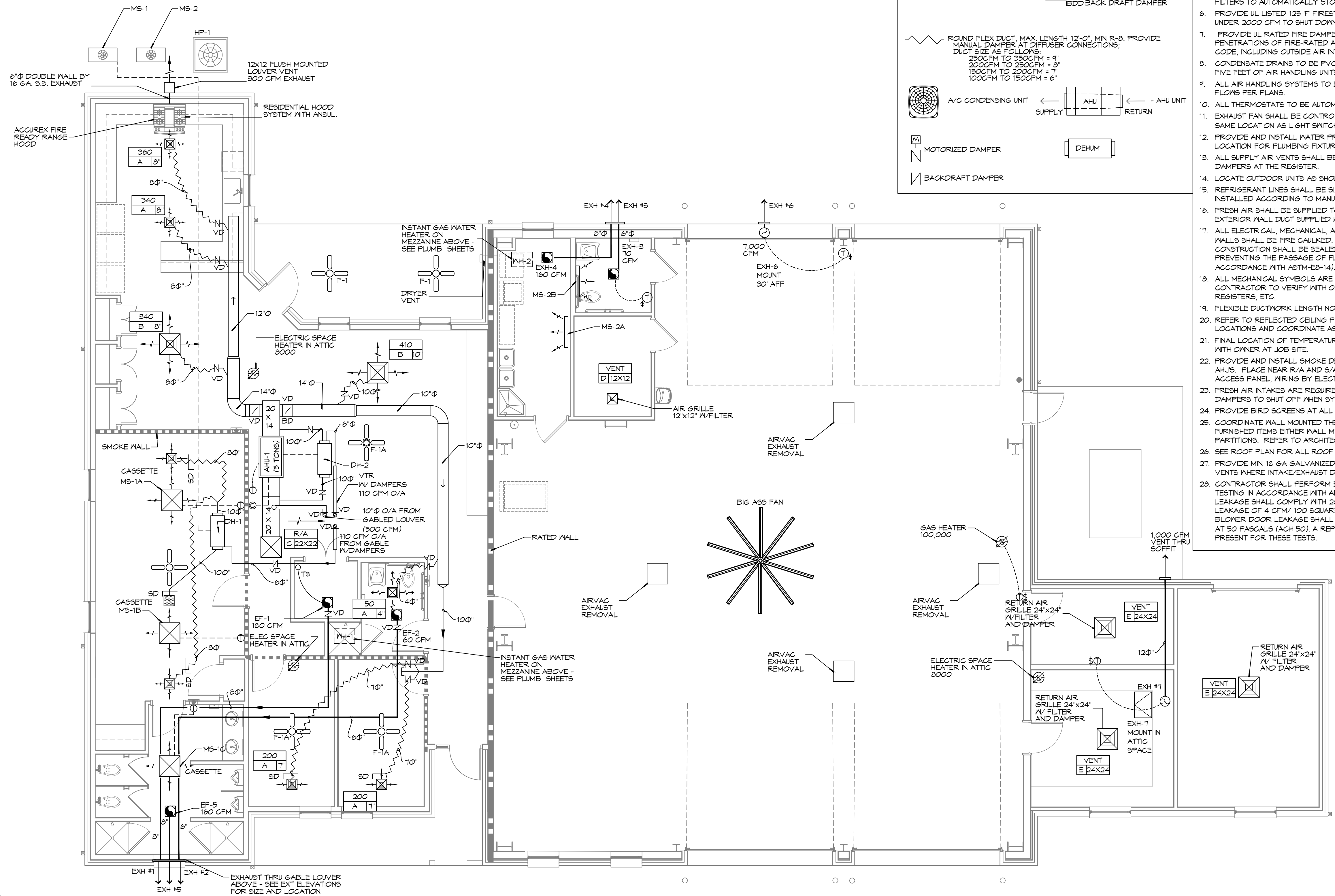
**NOTE:**  
INSTALL FIRE DAMPER AT ANY LOCATION WHERE DUCT PENETRATES A FIRE WALL.



**NOTES:**  
1. LENGTHS "X" AND "Y" SHALL BE DETERMINED BY AHU BASED ON TOTAL STATIC PRESSURE.  
2. "X" AND "Y" SHALL BE EQUAL TO MINIMUM 1/2 TOTAL UNIT STATIC PRESSURE.  
3. ALL CONDENSATE PIPING SHALL BE SLOPED AT 1/4" PER FOOT.



**2 DETAILS**  
SCALE: NTS



**1 MECHANICAL FLOOR PLAN**  
SCALE: 3/16" = 1'-0"

**DRAWN DIAGRAMMATICALLY FOR CLARITY. FIELD VERIFY PLACEMENT OF ALL EQUIPMENT PRIOR TO FABRICATION.**

**THIS WORK SHALL MEET ALL HVAC CODES**  
1. 2021 EDITION OF THE IMC  
2. 2021 IECC ENERGY CODE

**BLOWER DOOR TEST AND DUCK LEAK TEST SHALL BE PERFORMED BY THE CONTRACTOR. A REPRESENTATIVE FROM THE FD1 SHALL BE PRESENT FOR THESE TEST.**

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#	DESCRIPTION	DATE



**NEW FIRE STATION #10 ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1**  
2148 LAKESHORE VISTA BLVD  
SLIDELL, LA 70461  
JOB No: 2519  
DATE: 12-05-2025  
DRAWN BY: C/KD  
CHECKED BY: B/AM  
SCALE: NTS

**M101**  
SHEET TITLE: HVAC FLOOR PLAN, DETAILS, AND SCHEDULES  
DRAWING NUMBER:  
SHEET No: 39 of 37

**MIN-SPLIT SCHEDULE**

AIR HANDLER							HEAT PUMP							
Tag	Make	Model	Cooling (MBH)	Heating (MBH)	Power VAC	PH	Tag	Make/Model	Model	Cooling (MBH)	Power VAC	PH	MCA	Remarks
MS-1A	Mitsubishi	SLZ-AF09NL	9	11	208	1	MS-1	Mitsubishi	MXZ-3D24NL	24	208	1	28.7	1, 2
MS-1B	Mitsubishi	SLZ-AF09NL	9	11	208	1								
MS-1C	Mitsubishi	SLZ-AF09NL	9	11	208	1								
MS-2A	Mitsubishi	MSZ-GX09NL	9	9.0	208	1	MS-2	Mitsubishi	MXZ-2D20NL	22	208	1	21.7	1, 3
MS-2B	Mitsubishi	MSZ-GX09NL	9	9.0	208	1								

- NOTES:**
1. Install per Manufacturer's recommendations
  2. Furnish with wired MA wall mount controller, matching grille and condensate pump.
  3. Furnish with MHK-2 wireless controller and condensate pump.

**DX SPLIT SYSTEM SCHEDULE**

AIR HANDLER										HEAT PUMP											
TAG	MAKE	MODEL	NOMINAL TONS	TOTAL CFM	O/A CFM	COOLING		Motor HP	ESP (" WC)	HEAT (Kw)	POWER			TAG	NOMINAL TONS	MAKE	MODEL	POWER			REMARKS
						TMBH	SBH				VAC	PH	MCA					VAC	PH	MCA	
AHU-1	Trane	5TAMXB0C60	5	1900	500	60	40	1	0.3	7.2	208	1	34	HP-1	5	Trane	5TWV0X60	208	1	37	1, 2

- NOTES:**
1. Provide inlet filter box, single point power connection, expansion valve, time delay relay, condensate overflow switch & programmable 7/24 thermostat.
  2. Cooling capacities to be rated in accordance with AHRI standard 210/290 for ASHRAE standard design weather conditions in New Orleans, LA.

**Exhaust Fan Schedule**

Tag	Fan				Power			Make / Model	Remarks
	Airflow (CFM)	TSP (" wc)	Amps	Watts	Volts	Phase	Hz		
EF-1	180	0.3		100	120	1	60	Loren Cook GN-542	1, 2
EF-2	50	0.2	0.4		120	1	60	Broan AE80SL	1, 2
EF-3	70	0.2	0.4		120	1	60	Broan AE80SL	1, 2
EF-4	160	0.2	1.5		120	1	60	Broan 503	1, 2
EF-5	160	0.3			120	1	60	Broan 503	1, 2
EF-6	7000	0.1	20		120	1	60	Greenheck AER-20	1, 2, 3
EF-7	1000	0.2		190	120	1	60	Greenheck CSP-A1050QD	1, 2

- NOTES:**
1. Install per Manufacturer's recommendations.
  2. Furnish with matching grille, speed control and backdraft damper.
  3. Aluminum construction w/ weatherhood and motorized damper

**EXHAUST REMOVAL SCHEDULE**

DESCRIPTION	QUANTITY
AIRVAC 911® EXHAUST REMOVAL SYSTEM - Single Ph. 115V	4
AIRVAC 911® FILTER PACK (4-Stage Filter Pack, "Main Filters")	4
AIRVAC 911® FILTER GAUGE (Min. one per building section)	1
UL 508A CERTIFIED CONTROL PANEL - AVEC-4C	1
ACTIVATION PACKAGE - E-960-D90Q PHOTO EYE (set) & N505AUTM/STX01 (2") TRACK MOUNTED DOOR SWITCH	4
PREFILTERS (12 Per Box/Change date est. indicated below)	1

- NOTE:**
1. ALL FANS INSTALLED IN RATED ASSEMBLIES SHALL BE EQUIPPED W/ APPROPRIATE FIRE DAMPER TO MATCH ASSEMBLY FIRE RATING.
  2. PAINT ALL SHUTTERS AND EXTERIOR GRILLES TO COLOR SPECIFICATION BY ARCHITECT.
  3. PROVIDE BIRSCREENS ON ALL SHUTTERS AND EXTERIOR GRILLES.
  4. PROVIDE BACK FLOW PREVENTER ON ALL EXHAUST SYSTEMS

BIG ASS FAN;  
BIG ASS POWERFOIL D-PFD1-1022534 FAN WITH DOWNTUBE AND A 1HP MOTOR. MODEL NUMBER F-PFD1-1022534.

**DEHUMIDIFIER SCHEDULE**

TAG	Make	Model	Blower (CFM)	Vent (CFM)	Moisture Removal (Pints)	Power			Remarks
						VAC	Ph	Amps	
DH-1	Santa-Fe	V125	350	110	125	120	1	10.2	1
DH-2	Santa-Fe	V125	350	110	125	120	1	10.2	1

- NOTES:**
1. Install units in accordance with manufacturer's recommendations.

**DIFFUSER SCHEDULE**

TAG	SERVICE	NECK SIZE	DESCRIPTION	REMARKS
A	Supply Air	Ref. Plan	20" x 20" Adjustable Square Cone Diffuser, Price ASCDA w/ Insulated Back Panel	1, 2, 3
B	Supply Air	Ref. Plan	24" x 24" Adjustable Square Cone Diffuser, Price ASCDA w/ Insulated Back Panel	1, 2, 3
C	Return Air	Ref. Plan	24" X 24" Perforated, Ducted Return, Titus PAR	1, 2, 3
D	Vent	N/A	12" x 12" filter return air grille, Price 60FH w/ 1" filter media	1, 3
E	Vent	N/A	24" x 24" filter return air grille, Price 60FH w/ 1" filter media	1, 3

- Notes:**
1. Seal perimeter of diffusers/grilles to prevent moisture migration from attic space, as applicable
  2. R value of insulated back panels/plenums to exceed R-8
  3. Coordinate with owner / architect for color and finish

**WATER HEATER SCHEDULE**

TAG	Type	Make	Model	Range of Flow (GPM)	Temperature Rise (F)	Natural Gas		Power			Remarks
						Maximum (MBH)	FT3/Hr.	VAC	Ph	Amps	
WH-1	Instant, Noncondensing	Rinnai	RE1991	0.13 -9.8	35	199	193	120	1	4	1

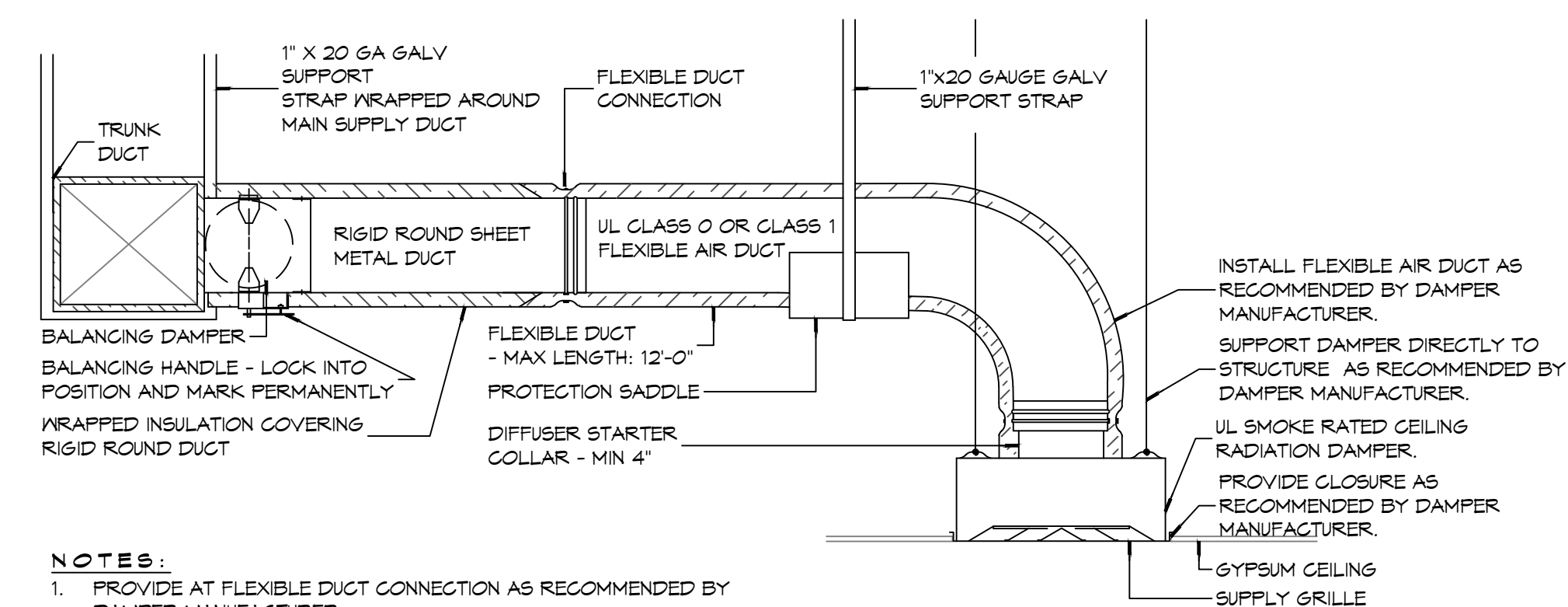
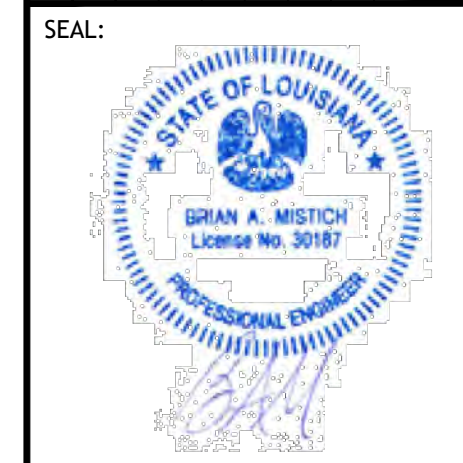
- NOTES:**
1. Install units in accordance with NFPA and manufacturer's recommendations.

**GENERAL HVAC NOTES**

1. ALL MECHANICAL WORK SHALL BE COORDINATED WITH THE WORK OF OTHER TRADES.
2. VERIFY ROUTING OF ALL WORK ON SITE.
3. HVAC CONTRACTOR REPLACE ALL EQUIPMENT FILTERS AT THE TIME OF POSSESSION OF THE PROJECT BY THE OWNER, USING ONLY NEW FILTERS OF THE PROPER SIZE AND TYPE.
4. CONTRACTOR SHALL LEAVE THE HVAC SYSTEM IN PROPER WORKING ORDER AND SHALL GUARANTEE SAME FOR A PERIOD OF TWELVE (12) MONTHS FROM THE DATE OF SUBSTANTIAL COMPLETION.
5. PROVIDE A MINIMUM 4" THICK LEVEL PRE-CAST CONCRETE PAD FOR PACKAGED UNITS AT GRADE. THE SIZE OF THE PRE-CAST PAD WILL BE REQUIRED TO ACCOMMODATE THE FOOT PRINT OF THE UNIT AND BE ACCEPTABLE FOR MOUNTING.
6. WHERE MOUNTING HEIGHTS ARE NOT INDICATED OR DIMENSIONED, INSTALL MECHANICAL SERVICES AND OVERHEAD EQUIPMENT TO PROVIDE THE MAXIMUM HEADROOM POSSIBLE.

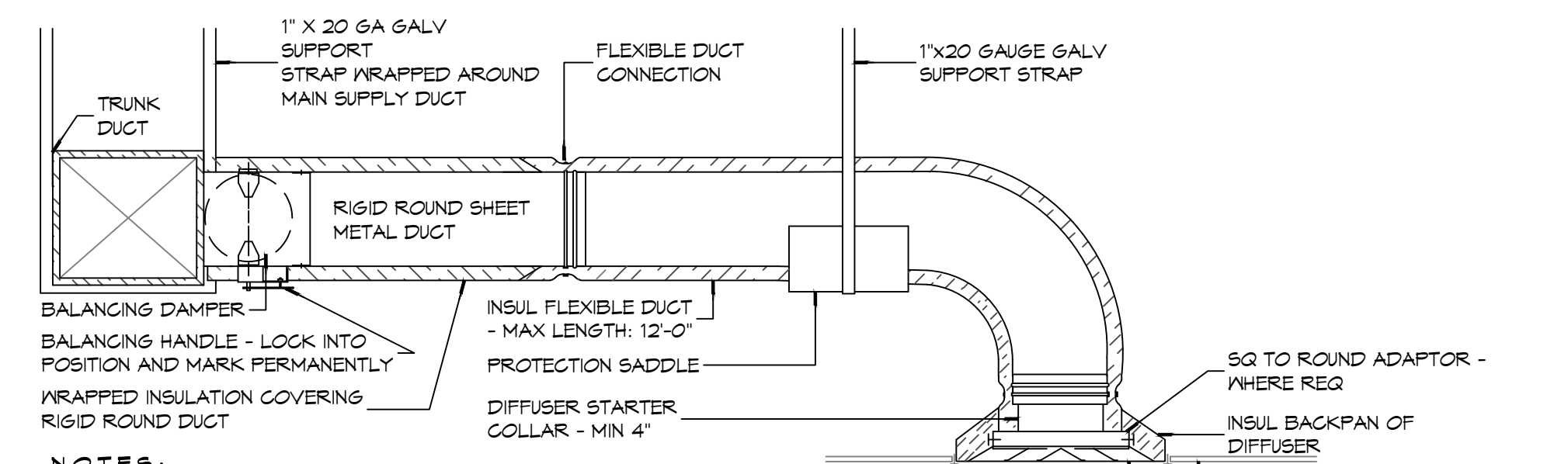
**DAMMON ENGINEERING, INC.**  
LOUISIANA & MISSISSIPPI  
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#	DESCRIPTION	DATE



- NOTES:**
1. PROVIDE AT FLEXIBLE DUCT CONNECTION AS RECOMMENDED BY DAMPER MANUFACTURER.
  2. PROVIDE MINIMUM 4" COLLARS FOR ATTACHMENT OF THE FLEXIBLE DUCT TO ROUND DUCT, DAMPERS AND DIFFUSERS.
  3. BAND RIGID ROUND DUCT INSULATION TO DUCT AND PROVIDE TAPE FOR INSULATION OVERLAP.

**(B) TYPICAL FIRE/SMOKE RATED CEILING DIFFUSER**



- NOTES:**
1. PROVIDE AT FLEXIBLE DUCT CONNECTION "PANDUIT" DRABAND ON THE INTERIOR FLEXIBLE DUCT HELIX.
  2. PROVIDE MINIMUM 4" COLLARS FOR ATTACHMENT OF THE FLEXIBLE DUCT TO ROUND DUCT, DAMPERS AND DIFFUSERS.
  3. BAND RIGID ROUND DUCT INSULATION TO DUCT AND PROVIDE TAPE FOR INSULATION OVERLAP.

**(A) TYPICAL NON-RATED CEILING DIFFUSER**

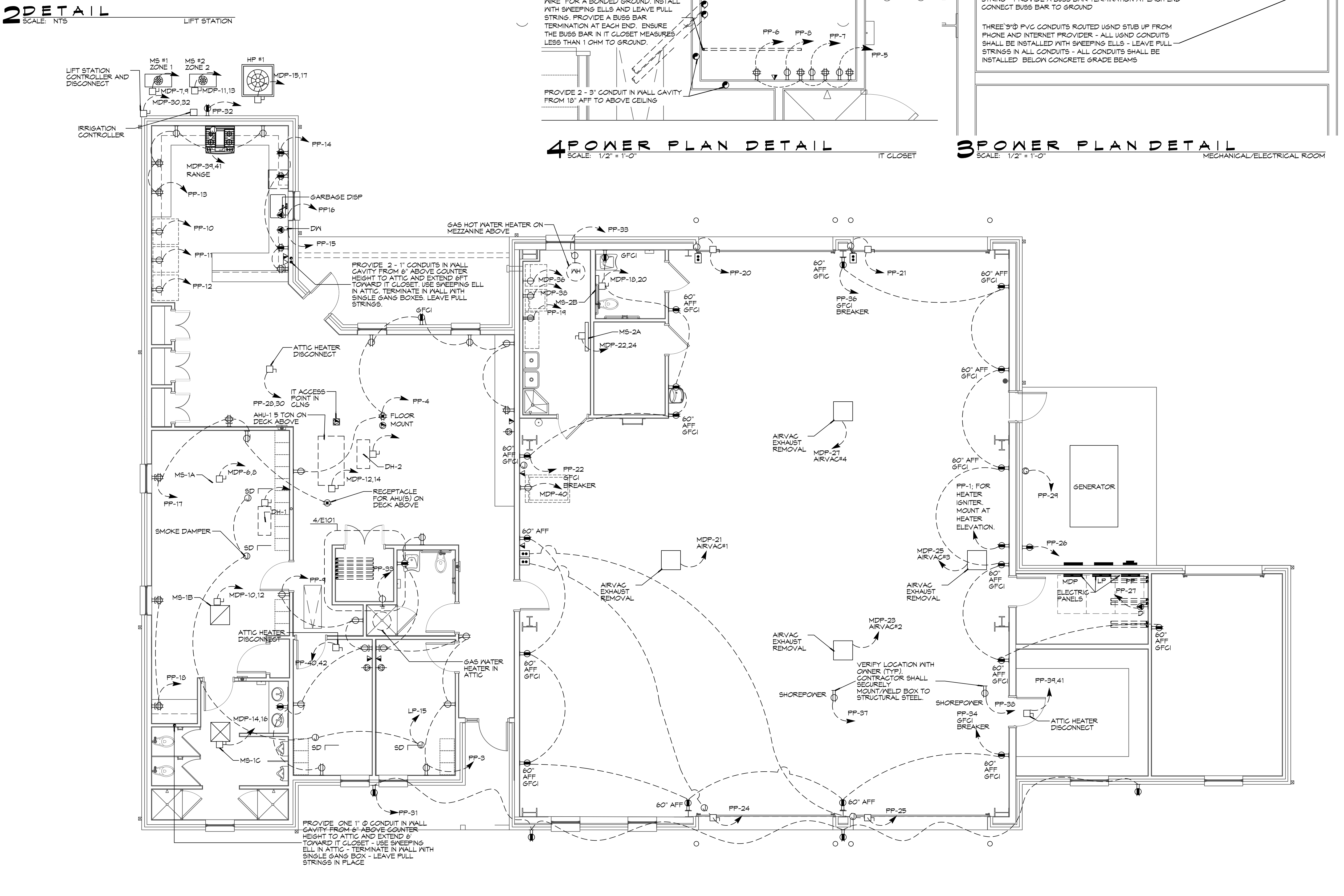
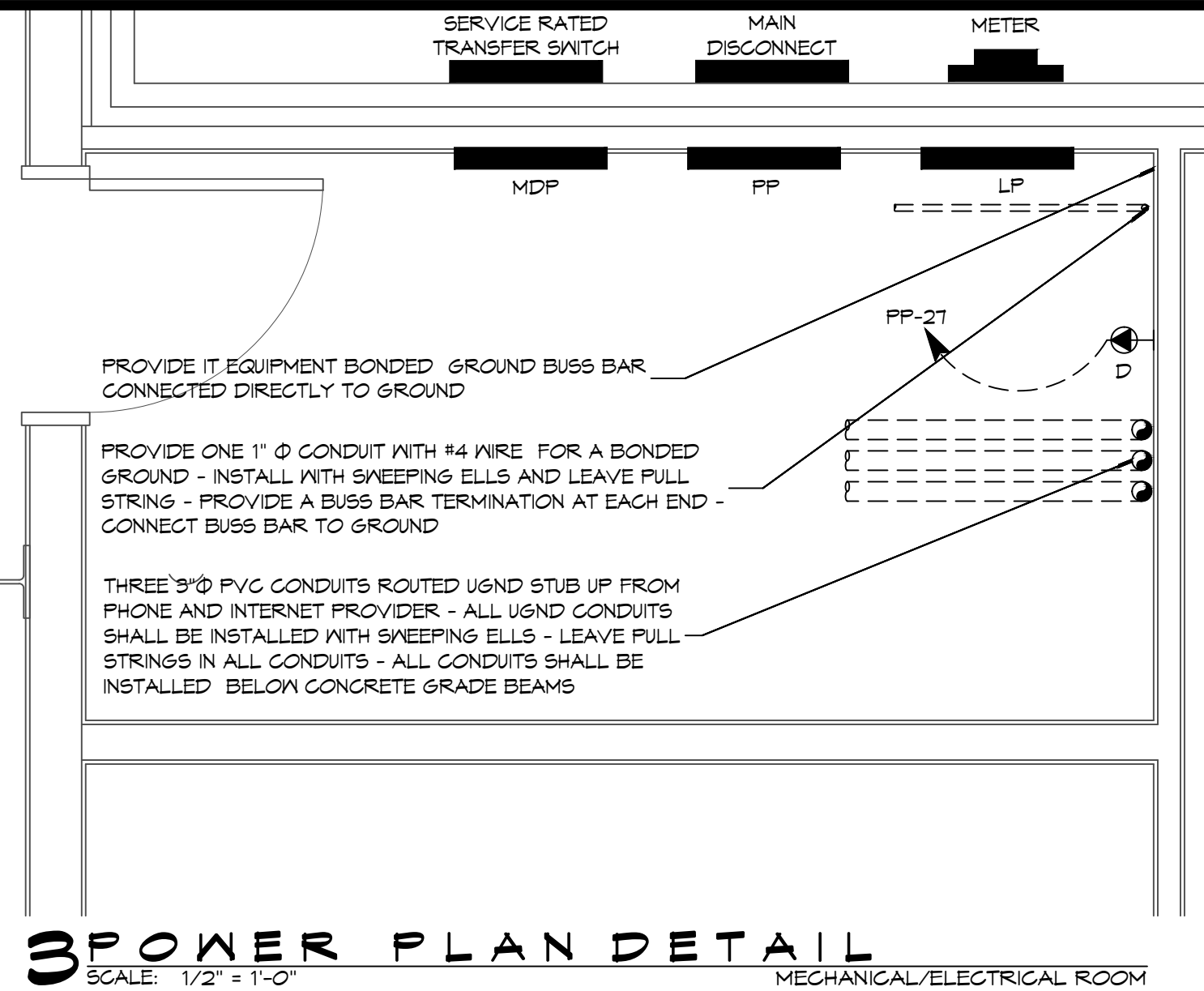
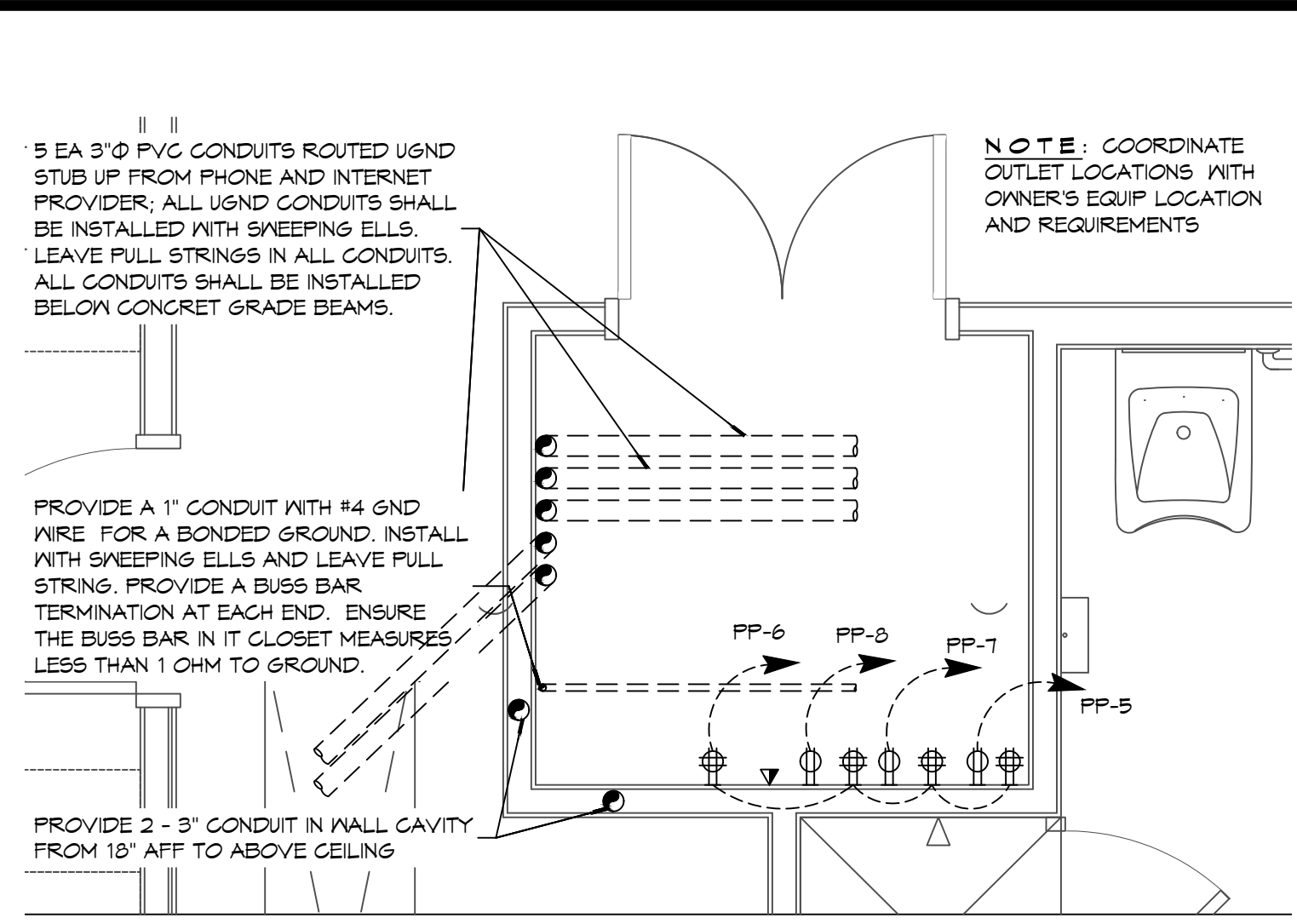
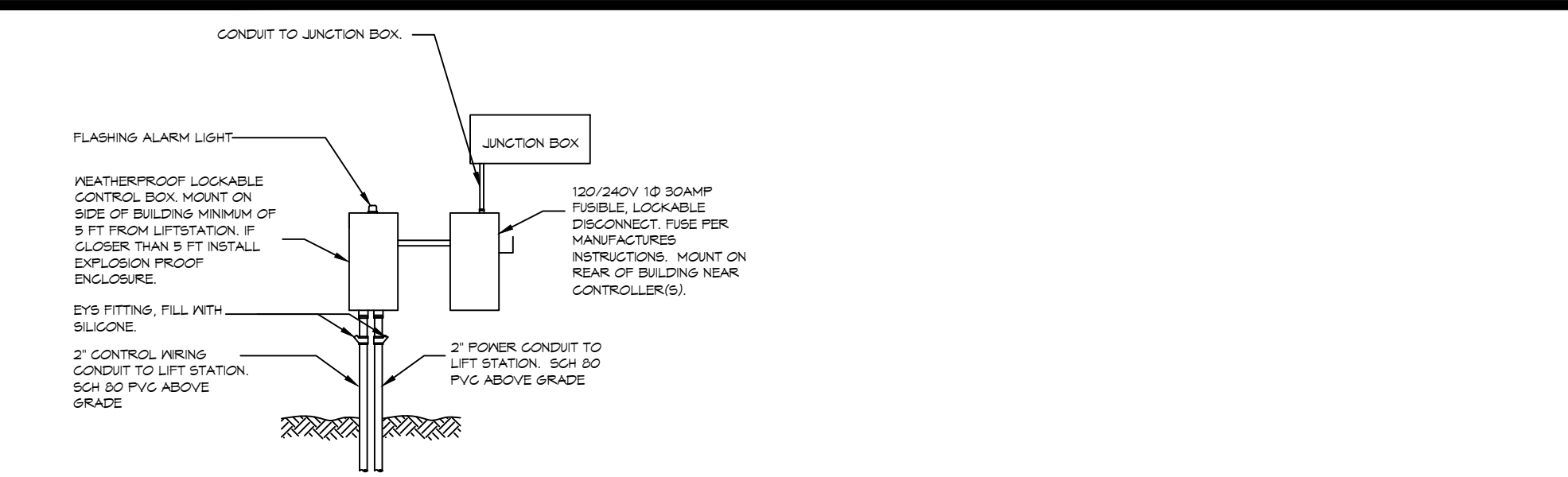
NEW FIRE STATION #10  
ST. TAMMANY FIRE PROTECTION DISTRICT No. 1  
248 LAKESHORE VISTA BLVD  
SLIDELL, LA 70461

SHEET TITLE:  
HVAC DETAILS AND SCHEDULES

DRAWING NUMBER:

**M102**

ELEC. WORK - (A) - (B) - (C) - (D) - (E) - (F) - (G) - (H) - (I) - (J) - (K) - (L) - (M) - (N) - (O) - (P) - (Q) - (R) - (S) - (T) - (U) - (V) - (W) - (X) - (Y) - (Z) - AA - AB - AC - AD - AE - AF - AG - AH - AI - AJ - AK - AL - AM - AN - AO - AP - AQ - AR - AS - AT - AU - AV - AW - AX - AY - AZ - BA - BB - BC - BD - BE - BF - BG - BH - BI - BJ - BK - BL - BM - BN - BO - BP - BQ - BR - BS - BT - BU - BV - BW - BX - BY - BZ - CA - CB - CC - CD - CE - CF - CG - CH - CI - CJ - CK - CL - CM - CN - CO - CP - CQ - CR - CS - CT - CU - CV - CW - CX - CY - CZ - DA - DB - DC - DD - DE - DF - DG - DH - DI - DJ - DK - DL - DM - DN - DO - DP - DQ - DR - DS - DT - DU - DV - DW - DX - DY - DZ - EA - EB - EC - ED - EE - EF - EG - EH - EI - EJ - EK - EL - EM - EN - EO - EP - EQ - ER - ES - ET - EU - EV - EW - EX - EY - EZ - FA - FB - FC - FD - FE - FF - FG - FH - FI - FJ - FK - FL - FM - FN - FO - FP - FQ - FR - FS - FT - FU - FV - FW - FX - FY - FZ - GA - GB - GC - GD - GE - GF - GG - GH - GI - GJ - GK - GL - GM - GN - GO - GP - GQ - GR - GS - GT - GU - GV - GW - GX - GY - GZ - HA - HB - HC - HD - HE - HF - HG - HH - HI - HJ - HK - HL - HM - HN - HO - HP - HQ - HR - HS - HT - HU - HV - HW - HX - HY - HZ - IA - IB - IC - ID - IE - IF - IG - IH - II - IJ - IK - IL - IM - IN - IO - IP - IQ - IR - IS - IT - IU - IV - IW - IX - IY - IZ - JA - JB - JC - JD - JE - JF - JG - JH - JI - JJ - JK - JL - JM - JN - JO - JP - JQ - JR - JS - JT - JU - JV - JW - JX - JY - JZ - KA - KB - KC - KD - KE - KF - KG - KH - KI - KJ - KL - KM - KN - KO - KP - KQ - KR - KS - KT - KU - KV - KW - KX - KY - KZ - LA - LB - LC - LD - LE - LF - LG - LH - LI - LJ - LK - LL - LM - LN - LO - LP - LQ - LR - LS - LT - LU - LV - LW - LX - LY - LZ - MA - MB - MC - MD - ME - MF - MG - MH - MI - MJ - MK - ML - MM - MN - MO - MP - MQ - MR - MS - MT - MU - MV - MW - MX - MY - MZ - NA - NB - NC - ND - NE - NF - NG - NH - NI - NJ - NK - NL - NM - NO - NP - NQ - NR - NS - NT - NU - NV - NW - NX - NY - NZ - OA - OB - OC - OD - OE - OF - OG - OH - OI - OJ - OK - OL - OM - ON - OO - OP - OQ - OR - OS - OT - OU - OV - OW - OX - OY - OZ - PA - PB - PC - PD - PE - PF - PG - PH - PI - PJ - PK - PL - PM - PN - PO - PP - PQ - PR - PS - PT - PU - PV - PW - PX - PY - PZ - QA - QB - QC - QD - QE - QF - QG - QH - QI - QJ - QK - QL - QM - QN - QO - QP - QQ - QR - QS - QT - QU - QV - QW - QX - QY - QZ - RA - RB - RC - RD - RE - RF - RG - RH - RI - RJ - RK - RL - RM - RN - RO - RP - RQ - RR - RS - RT - RU - RV - RW - RX - RY - RZ - SA - SB - SC - SD - SE - SF - SG - SH - SI - SJ - SK - SL - SM - SN - SO - SP - SQ - SR - SS - ST - SU - SV - SW - SX - SY - SZ - TA - TB - TC - TD - TE - TF - TG - TH - TI - TJ - TK - TL - TM - TN - TO - TP - TQ - TR - TS - TT - TU - TV - TW - TX - TY - TZ - UA - UB - UC - UD - UE - UF - UG - UH - UI - UJ - UK - UL - UM - UN - UO - UP - UQ - UR - US - UT - UU - UV - UW - UX - UY - UZ - VA - VB - VC - VD - VE - VF - VG - VH - VI - VJ - VK - VL - VM - VN - VO - VP - VQ - VR - VS - VT - VU - VV - VW - VX - VY - VZ - WA - WB - WC - WD - WE - WF - WG - WH - WI - WJ - WK - WL - WM - WN - WO - WP - WQ - WR - WS - WT - WU - WV - WW - WX - WY - WZ - XA - XB - XC - XD - XE - XF - XG - XH - XI - XJ - XK - XL - XM - XN - XO - XP - XQ - XR - XS - XT - XU - XV - XW - XX - XY - XZ - YA - YB - YC - YD - YE - YF - YG - YH - YI - YJ - YK - YL - YM - YN - YO - YP - YQ - YR - YS - YT - YU - YV - YW - YX - YY - YZ - ZA - ZB - ZC - ZD - ZE - ZF - ZG - ZH - ZI - ZJ - ZK - ZL - ZM - ZN - ZO - ZP - ZQ - ZR - ZS - ZT - ZU - ZV - ZW - ZX - ZY - ZZ



**GENERAL ELEC POWER NOTES**

- ALL WORK SHALL CONFORM TO THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE, THE GOVERNING ELECTRICAL CODE AND ALL OTHER INSPECTION DEPARTMENTS HAVING JURISDICTION. OBTAIN CERTIFICATES OR APPROVAL WHERE REQUIRED. ELECTRICAL CONTRACTOR SHALL VERIFY ALL WIRE AND CONDUIT SIZES FOR MECHANICAL EQUIPMENT TO BE INSTALLED.
- ALL MATERIALS FURNISHED SHALL BE NEW AND SHALL BE U.L. LISTED.
- THE DRAWINGS INDICATE SIZE AND GENERAL LOCATION OF WORK. SCALE DIMENSIONS SHALL NOT BE USED. THE EXACT LOCATION OF ALL LIGHTING FIXTURES, RECEPTACLES AND TELEPHONE OUTLETS, ETC. SHALL BE DETERMINED BY ACTUAL CONDITIONS IN THE FIELD.
- PRIOR TO BIDDING, CONTRACTOR SHALL VISIT THE JOB SITE AND FAMILIARIZE THEMSELVES WITH THE EXISTING CONDITIONS.
- ELECTRICAL CONTRACTOR SHALL COORDINATE HIS WORK WITH OTHER TRADES AND WITH OTHER CONTRACTORS WHOSE WORK MAY AFFECT THIS INSTALLATION.
- ELECTRICAL CONTRACTOR SHALL COORDINATE INCOMING ELECTRICAL SERVICE WITH UTILITY COMPANY AND INCLUDE IN HIS BID ALL CHARGES AND FEES INCURRED IN MODIFICATIONS.
- ELECTRICAL CONTRACTOR SHALL COORDINATE THE TELEPHONE INSTALLATION WITH THE TELEPHONE COMPANY AND THE GENERAL CONTRACTOR.
- WHERE MORE THAN ONE SWITCH OCCURS IN THE SAME LOCATION, THEY SHALL BE INSTALLED IN A GANG TYPE BOX UNDER ONE COVER PLATE.
- ELECTRICAL CONTRACTOR, BEFORE INSTALLING ANY OF THE WORK, SHALL SEE THAT IT DOES NOT INTERFERE WITH CLEARANCES REQUIRED FOR FINISHED CEILINGS, FINISHED CEILING, PLASTER, PARTITIONS, WALLS, ETC. AS SHOWN IN THE ARCHITECTURAL DRAWINGS AND DETAILS. IF ANY WORK IS INSTALLED AND IT LATER DEVELOPS THAT SUCH DETAILS OR DESIGN CANNOT BE FOLLOWED, THE CONTRACTOR, AT HIS OWN EXPENSE, SHALL MAKE SUCH CHANGES IN THE WORK AS DIRECTED BY THE ARCHITECT, AS WELL AS TO PERMIT THE INSTALLATION OF THE ARCHITECTURAL WORK AS SHOWN ON THE PLANS AND DETAILS.
- PERFORM TEST REQUIRED BY THE OWNER OR THE ENGINEER IN CONNECTION WITH THE OPERATION OF THE ELECTRICAL SYSTEM IN THE BUILDING. ALL TESTS SHALL BE MADE IN ACCORDANCE WITH THE LATEST STANDARD OF THE IEEE AND THE NATIONAL ELECTRICAL CODE.
- MINIMUM CONDUCTOR SIZE SHALL BE #12, 600V INSULATION. MINIMUM SIZE CONDUIT SHALL BE 3/4" ELECTRICAL METALLIC TUBING (EMT) FOR INTERIOR USE, AND 3/4" RIGID ALUMINUM FOR EXTERIOR USE. USE NON-METALLIC CABLE (NMC) CABLE COPPER, FOR LIGHTS AND RECEPTACLE CIRCUITS IN WOOD FRAME CONSTRUCTION AREAS ONLY; IN STEEL FRAMING AREAS THE USE OF EMT (MINIMUM) IS REQUIRED. EXTERIOR FITTINGS SHALL BE CAST BOXES AND COVERS. INTERIOR FITTINGS SHALL BE STAMPED BOXES.
- CONTRACTOR SHALL INSTALL WIRING AND OTHER CIRCUIT COMPONENTS TO MATCH EQUIPMENT ACTUALLY INSTALLED.
- INSTALL GROUND FAULT RECEPTACLES AT RECEPTACLE LOCATIONS WITHIN 5' OF SINKS OR LAVATORIES, AND AT EXTERIOR LOCATIONS. EXTERIOR RECEPTACLES SHALL ALSO BE WATERPROOF.
- BONDING AND GROUNDING SHALL BE IN ACCORDANCE WITH NFPA 70-250-63, NFPA 250-23, 250-71 & 250-72.
- GROUND NEUTRAL IN ACCORDANCE WITH NFPA 70-250-23b.
- FUSES SHALL BE ITC CLASS K5, 250 VOLT, 200,000 AMP INTERRUPTING CAP.
- PROVIDE SERVICES OF A FIRE/SMOKE DETECTION AND ALARM COMPANY TO DESIGN AND INSTALL ALARM SYSTEM TO MEET REQUIREMENTS OF THE STATE FIRE MARSHALL AND THE FIRE DISTRICT.
- EXTERIOR LIGHTING SHALL BE SHADED OR INWARDLY DIRECTED IN SUCH A MANNER SO THAT NO DIRECT LIGHTING OR GLARE IS CAST BEYOND THE PROPERTY LINE. THE INTENSITY OF SUCH LIGHTING SHALL NOT EXCEED ONE FOOT CANDLE AS MEASURED AT THE ADJUTING PROPERTY LINE.
- ALL ELECTRICAL, MECHANICAL AND PLUMBING PENETRATING FIRE PARTITIONS SHALL BE FIRE CAULKED. (PENETRATIONS THROUGH RATED CONSTRUCTION SHALL BE SEALED WITH A MATERIAL CAPABLE OF PREVENTING THE PASSAGE OF FLAMES AND HOT GASES WHEN TESTED IN ACCORDANCE WITH ASTM-E814.
- VERIFY ELECTRICAL CONNECTIONS PER MANUFACTURER'S RECOMMENDATIONS.
- ALL RECEPTACLES AND SWITCHES ARE TO HAVE WEATHER PROOF COVERS IN APPARATUS BAY. 50% OF ALL EXTERIOR WEATHER PROOF COVERS SHALL BE IN-USE COVERS.

**LEGEND**

- | SYMB | DESCRIPTION  |
|------|--|
| ⊕    | STANDARD 120V DUPLEX RECEPTACLE, NEMA 5-2 OR 18" AFF (UNLESS OTHERWISE NOTED)          |
| ⊕    | SINGLE-POLE DEDICATED RECEPTACLE - REFER TO PANEL SCHEDULE FOR CIRCUIT SIZE            |
| ⊕    | 6FCI DUPLEX RECEPTACLE   |
| ⊕    | 6FCI QUAD RECEPTACLE   |
| ⊕    | 220V ELECTRIC DRYER RECEPTACLE - MOUNTED AT 30" AFF                                    |
| ⊕    | 220V DEDICATED 6FCI RECEPTACLE   |
| ⊕    | WEATHER-PROOF 6FCI DUPLEX RECEPTACLE MOUNTED AT 30" AFF (UNLESS OTHERWISE NOTED)       |
| ⊕    | STANDARD 120V DUPLEX RECEPTACLE - FLOOR MOUNTED  |
| ⊕    | STANDARD QUAD RECEPTACLE - WALL-MOUNTED  |
| ⊕    | STANDARD QUAD RECEPTACLE - FLOOR MOUNTED   |
| ⊕    | 125V 15 AMP DUPLEX-USB 5VDC 3 AMP HUBBELL USB CHARGER RECEPTACLE                       |
| ⊕    | 125V 15 AMP QUADPLEX-USB 5VDC 3 AMP HUBBELL USB CHARGER RECEPTACLE                     |
| ⊕    | JUNCTION BOX   |
| ⊕    | GENERATOR BATTERY CHARGER 6FI OUTLET   |
| ⊕    | 2-BUTTON PUSH BUTTON STATION   |
| ⊕    | COAX-CABLE CONNECTION FOR TELEVISION   |
| ⊕    | WALL MOUNTED DATA OUTLET   |
| ⊕    | FLOOR DATA OUTLET  |
| ⊕    | POWER DISCONNECT   |
| ⊕    | GAS WATER HEATER ON DECK OR MEZZANINE ABOVE - SIZE AS NOTED ON PLAN                    |
| ⊕    | AIR CONDITIONING AIR HANDLING UNIT ON DECK OR MEZZANINE ABOVE, SEE MECHANICAL DRAWINGS |
| ⊕    | AIR CONDITIONING CONDENSER UNIT ON CONCRETE PAD, SEE MECHANICAL DRAWINGS               |
- NOTES:**  
 1. CONNECT ALL EMERGENCY/EXIT LIGHT FIXTURES TO NEAREST CONSTANT POWER SOURCE.  
 2. THE #2 NEXT TO A RECEPTACLE OR DATA OUTLET DESIGNATES THAT THERE ARE TO BE TWO OUTLETS AT THAT LOCATION, ONE OVER THE OTHER (ONE HIGH & ONE LOW ON WALL). EXAMPLE: ⊕#2 OR ⊕#2.  
 3. REFER TO INTERIOR ELEVATIONS FOR MOUNTING HEIGHT AND ORIENTATION OF OUTLETS MOUNTED ABOVE COUNTERTOPS.  
 4. CAULK ALL PENETRATIONS WITH FIRE CAULK.

**DAMMON ENGINEERING, INC.**  
 LOUISIANA & MISSISSIPPI  
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 PH: 985.649.5832

#	DESCRIPTION	DATE



**NEW FIRE STATION #10**  
**ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1**  
 2148 LAKESHORE VISTA BLVD  
 SLIDELL, LA 70681  
 JOB No: 2519 DATE: 12-05-2025  
 DRAWN BY: GKD CHECKED BY: BAK

SHEET TITLE:  
**POWER PLAN**  
 DRAWING NUMBER:  
**E101**  
 SHEET No: 35 of 37



PANEL: MDP  
 LOCATION: ELECTRICAL CLOSET  
 FEEDER SOURCE: GLECO

VOLTAGE: 120/240V, 400 AMP, 1Ø, 3Ø  
 ENCLOSURE: SURFACE MOUNTED, NEMA 1 PANELBOARD  
 W/EQUIPMENT GND BAR, MLO, 22000 AIC

CKT. NO.	THHN WIRE SIZE	LOAD DESCRIPTION LOCATION	BREAKER AMP POLE	LOAD (VA)	AØ BØ		LOAD (VA)	BREAKER POLE AMP	LOAD DESCRIPTION LOCATION	THHN WIRE SIZE	CKT. NO.
1	4/0	SUB-PANEL "PP" 200 AMPS	200 2	18,410			9,716	2	SUB-PANEL "LP" 200 AMPS	4/0	2
3				17,270			8,030	2			4
5	#6	MS-#1 ** 2 TON	50 2	3,444			104	2	MS-1A ** 3/4 TON	#12	6
7				3,444			104	2			8
9	#8	MS-#2 ** 1.6 TON	40 2	2,257			104	2	MS-1B ** 3/4 TON	#12	10
11				2,257			104	2			12
13	#6	HP-#1 ** 5 TON	50 2	3,120			104	2	MS-1C ** 3/4 TON	#12	14
15				3,120			104	2			16
17		AHU # 1 ** 5 TON, 7.5 KW HEAT	45 2	3,536			104	2	MS-2A ** 1.6 TON	-	18
19				3,536			104	2		#12	20
21	#12	AIRVAC EXHAUST REMOVAL #1	20 1	1,587			104	2	MS-2B ** 1.6 TON	#12	22
23	#12	AIRVAC EXHAUST REMOVAL #2	20 1	1,587			104	2			24
25	#12	AIRVAC EXHAUST REMOVAL #3	20 1	1,587			828	2	EXHAUST FAN #7 MAINTENANCE BAY ¾ HP MOTOR	#8	26
27	#12	AIRVAC EXHAUST REMOVAL #4	20 1	1,587			828	2			28
29	#12	ACCUREX FIRE READY RANGE HOOD	20 1	1,500			2,760	2	SANITARY SEWER LIFT STATION **	#10	30
31		SPARE	20 1	805			2,760	2			32
33		SPARE	20 1	180			-	1	SPARE		34
35	-	SPACE	- 1	-			1,150	1	LAUNDRY GAS DRYER LOCATED IN UTILITY ROOM 119	#12	36
37	-	SPACE	- 1	-			1,000	1	WASHING MACHINE UTILITY ROOM 119	#12	38
39	#6	JUNCTION BOX FOR RANGE LOCATED IN KITCHEN 108	50 2	4,800			1,000	1	GEAR WASHING MACHINE APPARATUS BAY	#12	40
41				4,800			-	1	SPACE	-	42

NOTE: \*\* - INSTALL BREAKER TO MATCH UNIT THAT IS INSTALLED BY MECHANICAL CONTRACTOR.

PANEL: PP  
 LOCATION: ELECTRICAL CLOSET  
 FEEDER SOURCE: MDP PANEL

VOLTAGE: 120/240V, 200 AMP, 1Ø, 3Ø  
 ENCLOSURE: SURFACE MOUNTED, NEMA 1 PANELBOARD  
 W/EQUIPMENT GND BAR, MLO, 22000 AIC

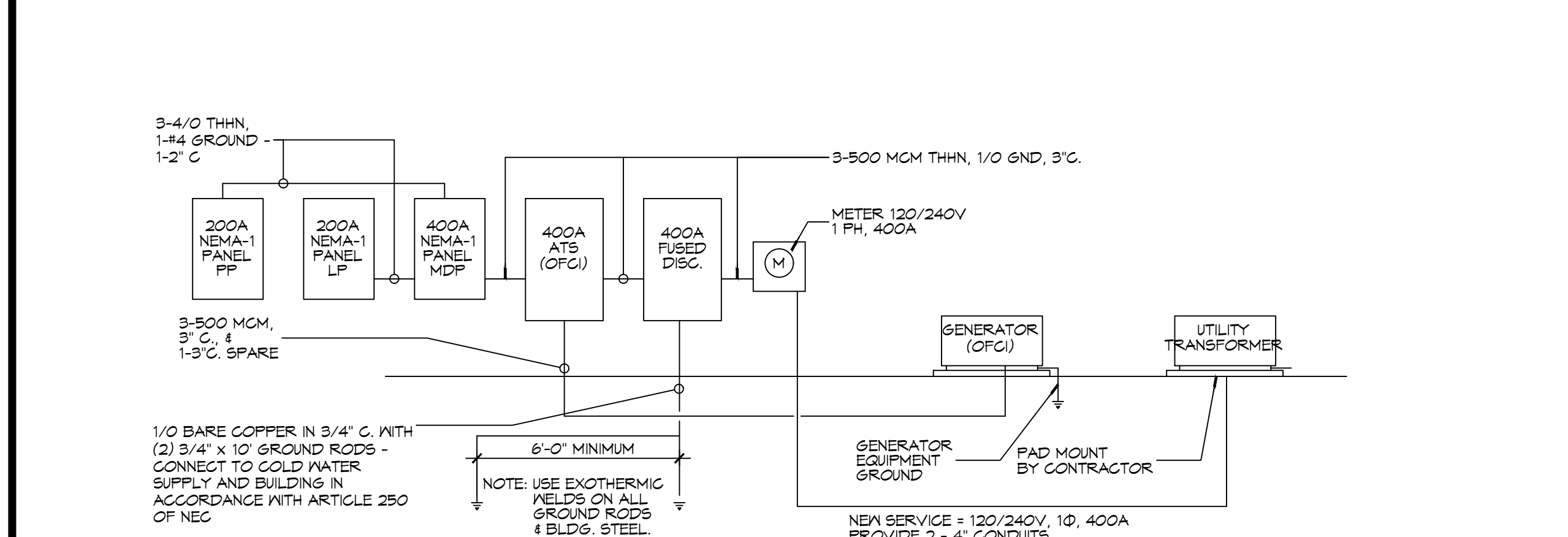
CKT. NO.	THHN WIRE SIZE	LOAD DESCRIPTION LOCATION	BREAKER AMP POLE	LOAD (VA)	AØ BØ		LOAD (VA)	BREAKER POLE AMP	LOAD DESCRIPTION LOCATION	THHN WIRE SIZE	CKT. NO.
1	#12	IGNITER FOR AERO THERM GAS HEATER LOCATED IN CORNER OF APPARATUS BAY	20 1	560			-	1	SPARE	#12	2
3	#12	ENTRY 101, DAYROOM 102, CAPTAIN 103, 4 WOMENS TOILET 104 RECEPTACLES	20 1	1440			1260	1	RECEPTACLES FOR DAYROOM 102 & W/F GFCI	#12	4
5	#12	I.T. ROOM 105 DEDICATED RECEPTACLE	20 1	180			1440	1	I.T. ROOM 105 QUAD RECEPTACLES	#12	6
7	#12	I.T. ROOM 105 DEDICATED RECEPTACLE	20 1	180			180	1	I.T. ROOM 105 DEDICATED RECEPTACLE	#12	8
9	#12	ANTE ROOM 106, CAPTAIN 107, BUNKROOM 113, & MENS TOILET 114 RECEPTACLES	20 1	1280			1100	1	KITCHEN 108 DEDICATED REFRIGERATOR RECEPTACLE	#12	10
11	#12	KITCHEN 108 DEDICATED REFRIGERATOR RECEPTACLE	20 1	1100			1100	1	KITCHEN 108 DEDICATED REFRIGERATOR RECEPTACLE	#12	12
13	#12	KITCHEN 108 COUNTER-HT. RECEPTACLES	20 1	1080			1440	1	KITCHEN 108 COUNTER-HT., & USB QUAD RECEPTACLES	#12	14
15	#12	KITCHEN 108 DEDICATED RECEPTACLE FOR DISHWASHER	20 1	1440			760	1	KITCHEN 108 DEDICATED RECEPTACLE FOR GARBAGE DISPOSAL	#12	16
17	#12	DINING ROOM 109 & BUNKROOM 113 USB QUAD WALL RECEPTACLES & AHU PLATFORM	20 1	1440			1260	1	BUNKROOM 113 USB QUAD & COUNTER RECEPTACLES	#12	18
19	#12	ICE MACHINE LOCATED IN UTILITY ROOM 119	20 1	1200			800	1	JUNCTION BOX (# 2-WAY SWITCH) FOR ROLLUP DOOR IN APPARATUS BAY 117	#12	20
21	#12	JUNCTION BOX (# 2-WAY SWITCH) FOR ROLLUP DOOR IN APPARATUS BAY 117	20 1	900			1080	1	RECEPTACLES FOR APPARATUS BAY 117, REST- ROOM 114, AHU, & MAINTENANCE BAY 121	#12	22
23	-	SPARE	20 1	-			800	1	JUNCTION BOX (# 2-WAY SWITCH) FOR ROLLUP DOOR IN MAINTENANCE BAY 121	#12	24
25	#12	JUNCTION BOX (# 2-WAY SWITCH) FOR ROLLUP DOOR IN MAINTENANCE BAY 121	20 1	900			180	1	DEDICATED WEATHER-PROOF RECEPTACLE FOR GENERATOR (BLOCK HEATER)	#12	26
27	#12	DEDICATED RECEPTACLE IN MECH/ELEC ROOM 123	20 1	180			1250	2	ELECTRIC SPACE HEATER LOCATED IN ATTIC	#12	28
29	#12	GENERATOR BATTERY CHARGER	20 1	340			1250	2			30
31	#12	EXTERIOR WEATHER PROOF GFCI RECEPTACLES FOR LIGHTS	20 1	900			800	1	EXTERIOR WEATHER PROOF GFCI RECEPTACLES FOR IRRIGATION AND CONDENSOR MAINTENANCE	#12	32
33	#12	GAS HOT WATER HEATER IGNITOR(S)	20 1	1800			1080	1	RECEPTACLES FOR APPARATUS BAY 117	#12	34
35	-	SPACE	20 1	-			1080	1	RECEPTACLES FOR APPARATUS BAY 117, & MAINTENANCE BAY 121	#12	36
37	#12	KUSSMAIL AUTO-ELECT SYSTEM	20 1	1200			1200	1	KUSSMAIL AUTO-ELECT SYSTEM	#12	38
39	#12	ELECTRIC SPACE HEATER LOCATED IN ATTIC	20 2	1250			1250	2	ELECTRIC SPACE HEATER LOCATED IN ATTIC	#12	40
41				1250			1250	2			42

TOTAL CONNECTED LOAD (VA) = 95,680  
 AØ = 18,410      BØ = 17,270

PANEL: LP  
 LOCATION: ELECTRICAL CLOSET  
 FEEDER SOURCE: MDP PANEL

VOLTAGE: 120/240V, 200 AMP, 1Ø, 3Ø  
 ENCLOSURE: SURFACE MOUNTED, NEMA 1 PANELBOARD  
 W/EQUIPMENT GND BAR, MLO, 22000 AIC

CKT. NO.	THHN WIRE SIZE	LOAD DESCRIPTION LOCATION	BREAKER AMP POLE	LOAD (VA)	AØ BØ		LOAD (VA)	BREAKER POLE AMP	LOAD DESCRIPTION LOCATION	THHN WIRE SIZE	CKT. NO.
1	#12	LIGHTS IN ENTRY 101 & DAYRM 102, UTILITY RM 119, STORAGE RM 120	20 1	476			1386	1	LIGHTS IN DAYRM 102, DINING RM 109, ATTIC FOR AHUS, PANTRIES 110, 111, 112 & BUNK 113	#12	2
3	#12	CEILING FANS IN DAYROOM 102 AND ON EXTERIOR REAR PATIO	20 1	855			1087	1	LIGHTS IN CAPT RM 103, MEN & WOMEN TOILET, ANTE ROOM 106, & CAPT ROOM 107 & IT CLOSET	#12	4
5	#12	LIGHTS IN APPARATUS BAY 117	20 1	1752			1752	1	LIGHTS IN KITCHEN	#12	6
7	#12	RESTRM 119 LIGHTS, FAN AND HEATER	20 1	1750			732	1	LIGHTS GEAR RM 122, MECH RM 123, & STORAGE 2 RM 124	#12	8
9	#12	DOUBLE JUNCTION BOXES FOR SIGNS ON BLDG. ABOVE APPARATUS BAY DOORS	20 1	1800			1,200	1	WEST AND SOUTH EXTERIOR WALL-PACK LED LIGHTS, PROVIDE PHOTOCELL	#12	10
11	#12	EXIT AND EMERGENCY LIGHTS	20 1	320			526	1	FRNT EXTERIOR WALL-MOUNTED LIGHTS, FRNT PORCH/ALCOVE LIGHT & FLAGPOLE LIGHTS, PROVIDE PHOTOCELL	#12	12
13	#8	EXTERIOR PARKING LIGHTS	20 1	450			960	1	BIG ASS FAN IN APPARATUS BAY, RM 117	#12	14
15	#12	HVAC SMOKE DAMPERS	20 1	1800			960	1			16
17	#12	SPARE	20 1	-			-	1	SPARE	#12	18
19	#12	SPARE	20 1	-			-	1	SPARE	#12	20
21	#12	SPARE	20 1	-			-	1	SPARE	#12	22
23	#12	SPARE	20 1	-			-	1	SPARE	#12	24



ONE-LINE DIAGRAM  
 SCALE: NTS

### GLECO Power Company Electrical Load Summary

Project Name: FIRESTATION #10  
 Project Address: LAKESHORE VISTA BLVD  
 City / Town: SLIDELL, LOUISIANA

Intended Use: Firestation  
 Requested Service: 120/240 Volts 1Ø Phase 3 Wires  
 Service Entrance Size: 400 Amps  
 HVAC Tonnage: 9 Tons  
 Largest Motor: N/A HP  
 Total Building Square Footage: 6,526 Square Feet  
 Living Unit Square Footage: 2,624 Square Feet  
 Storage Square Footage: 3,902 Square Feet

LOAD SOURCE	1Ø-kva	3Ø-kva
Building Lighting	14.0	-
Electric Water Heating	-	-
Heat Pumps	17.6	-
Supplemental Heat System	7.5	-
Air Conditioning Condensing Units	-	-
Electrical Heating (Primary) - AHUs	7.1	-
Cooking	9.6	-
Refrigeration	3.3	-
Receptacles (Standard)	20.7	-
Receptacles (Computer)	2.0	-
Total Motors (Exclude HVAC)	9.7	-
Exterior Lighting	0.7	-
Miscellaneous - Ceiling Fans	2.2	-
Other (OVERHEAD ROLL-UP DOORS)	3.6	-

### GENERAL PANEL NOTES

- ELECTRICAL CONTRACTOR SHALL VISIT SITE AND FAMILIARIZE HIMSELF WITH EXISTING CONDITIONS, PRIOR TO SUBMISSION OF BID. ANY DISCREPANCIES BETWEEN PLANS AND ACTUAL CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AND BE INCLUDED IN FINAL BID.
- COORDINATE ELECTRICAL WORK WITH THE WORK OF OTHER TRADES.
- INSTALL "LOCK-DOGS" ON CIRCUIT BREAKERS FOR EMERGENCY LIGHTS AND EXIT LIGHTS TO PREVENT ACCIDENTAL TURNING OF LIGHTS.
- SEE ARCHITECTURAL SHEETS FOR LOCATION OF FIRE RATED CONSTRUCTION. PROVIDE FIRE RATED PENETRATIONS THROUGH FIRE RATED CONSTRUCTION. ALL PENETRATION SYSTEMS SHALL BE UL LISTED.
- WALL MOUNTED THERMOSTAT, TEMPERATURE SENSOR, ETC. ARE SHOWN ON THE MECHANICAL DRAWINGS. REFER TO THOSE DRAWINGS FOR LOCATIONS.
- PROVIDE UL LISTED FIRE STOPPING FOR THE INTERIOR OF ALL CABLE TRAYS, SLEEVES, AND CONDUITS PENETRATING FIRE RATED CONSTRUCTION AFTER WIRE HAS BEEN INSTALLED IN SUCH CONSTRUCTION.
- CONDUIT ROUTING: ALL CONDUITS SHALL BE ROUTED IN WALLS AND CEILING SPACE EXCEPT TO SERVE FLOOR BOXES.
- METER LOCATION: THE HEIGHT OF THE METER SHALL BE BETWEEN 48" AND 66" AFF.
- WORKING SPACE: PROVIDE A CLEAR WORKING SPACE IN FRONT OF THE PANEL NOT LESS THAN 30 INCHES WIDE AND 36 INCHES DEEP WITH A MINIMUM HEADROOM CLEARANCE OF 6'-6".
- SEAL ALL PENETRATIONS IN TOP PLATES AND STUD WALLS WITH FIRE CAULK.

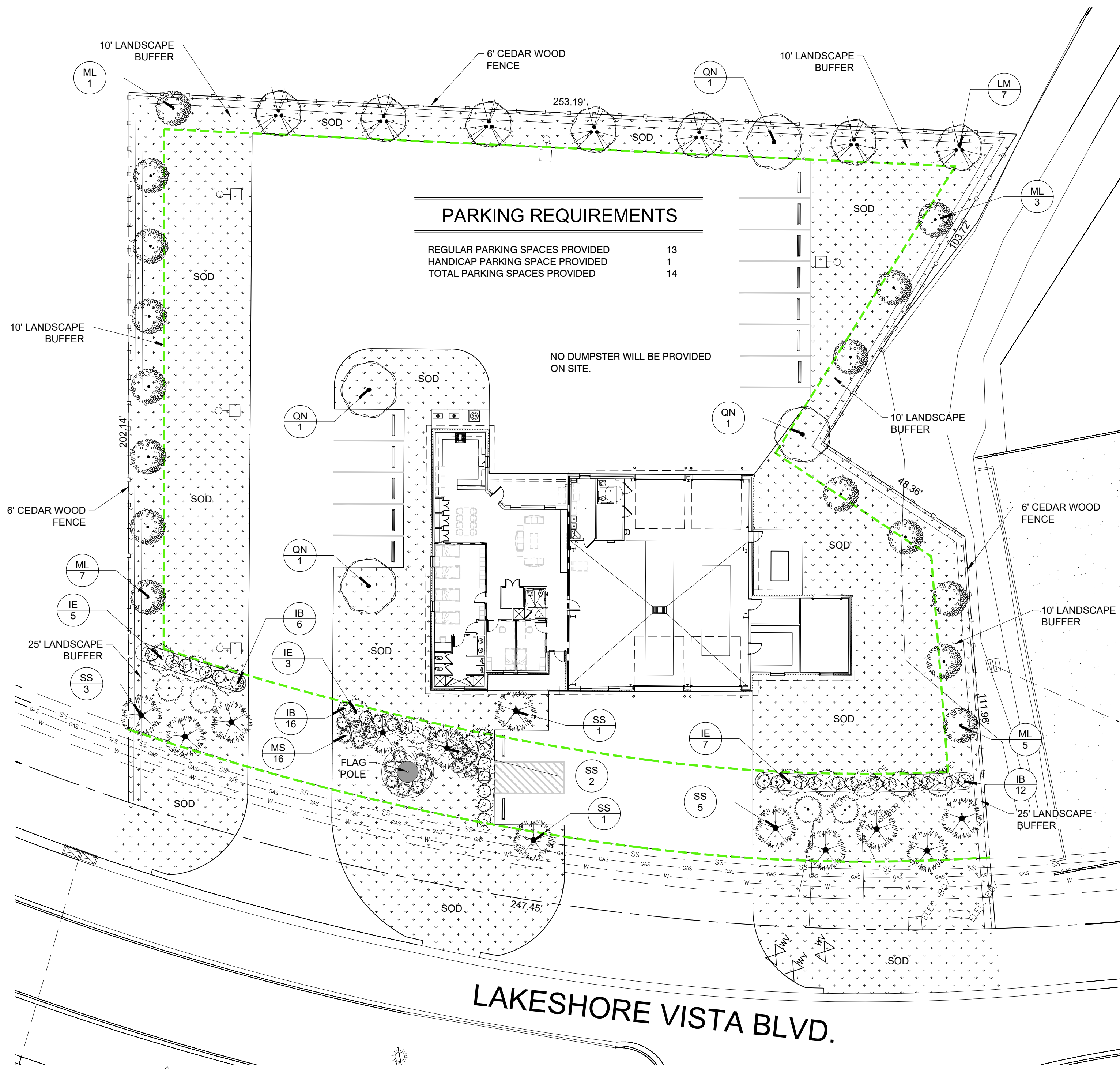


#	DESCRIPTION	DATE



NEW FIRE STATION #10  
 ST. TAMMANY FIRE PROTECTION DISTRICT No. 1  
 244 LAKESHORE VISTA BLVD  
 SLIDELL, LA 70561  
 JOB No: 2519  
 DATE: 12-05-2025  
 DRAWN BY: CKD  
 CHECKED BY: BAY

SHEET TITLE: ELECTRICAL CIRCUIT PANELS AND ONE-LINE DIAGRAMS  
 DRAWING NUMBER:  
**E103**  
 SHEET No: 37 of 37

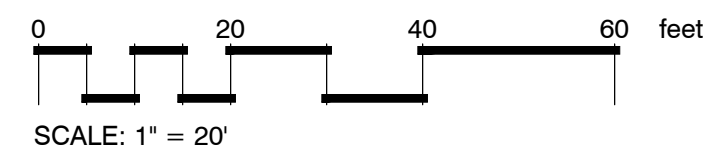


**PARKING REQUIREMENTS**

REGULAR PARKING SPACES PROVIDED	13
HANDICAP PARKING SPACE PROVIDED	1
TOTAL PARKING SPACES PROVIDED	14

NO DUMPSTER WILL BE PROVIDED ON SITE.

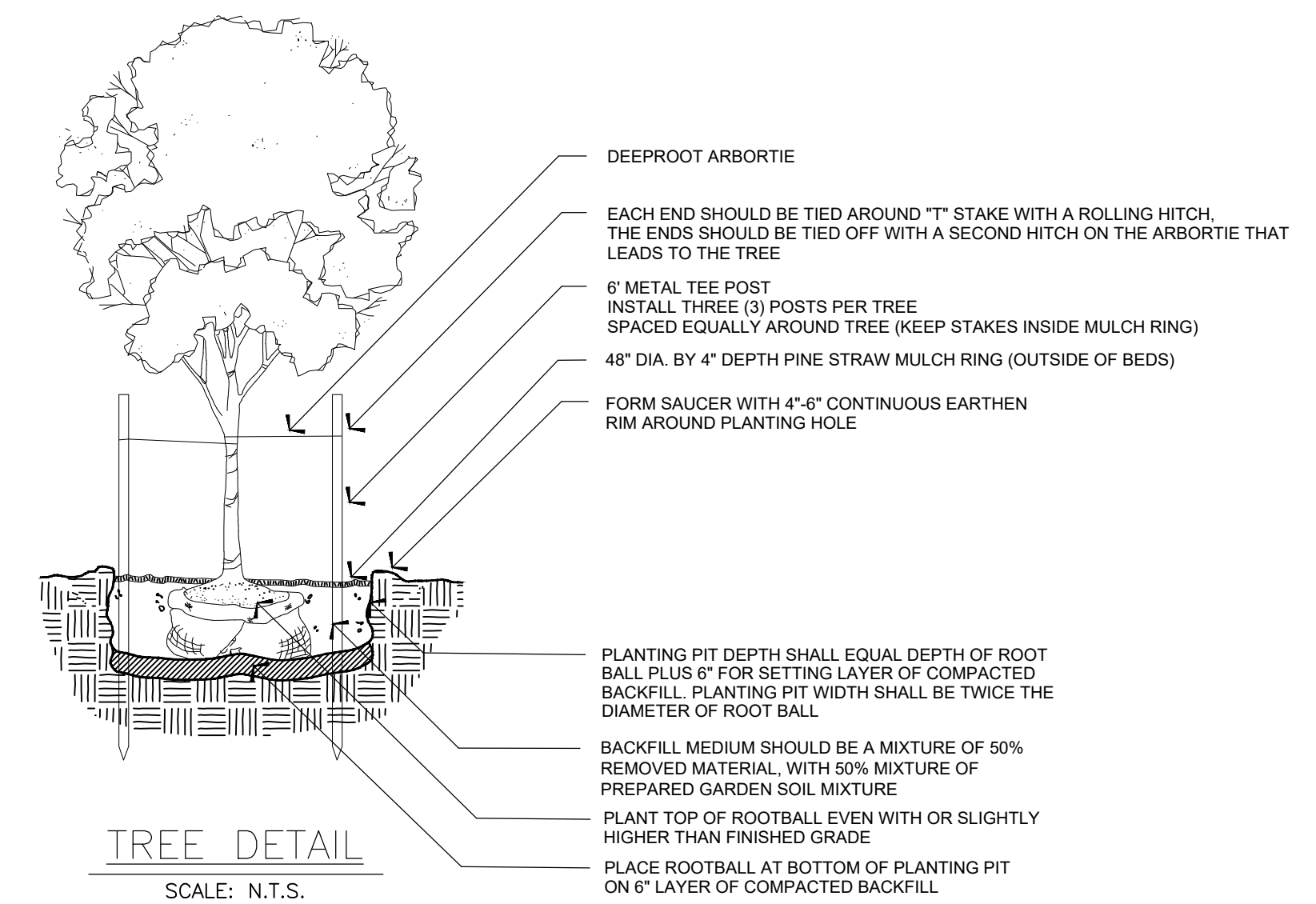
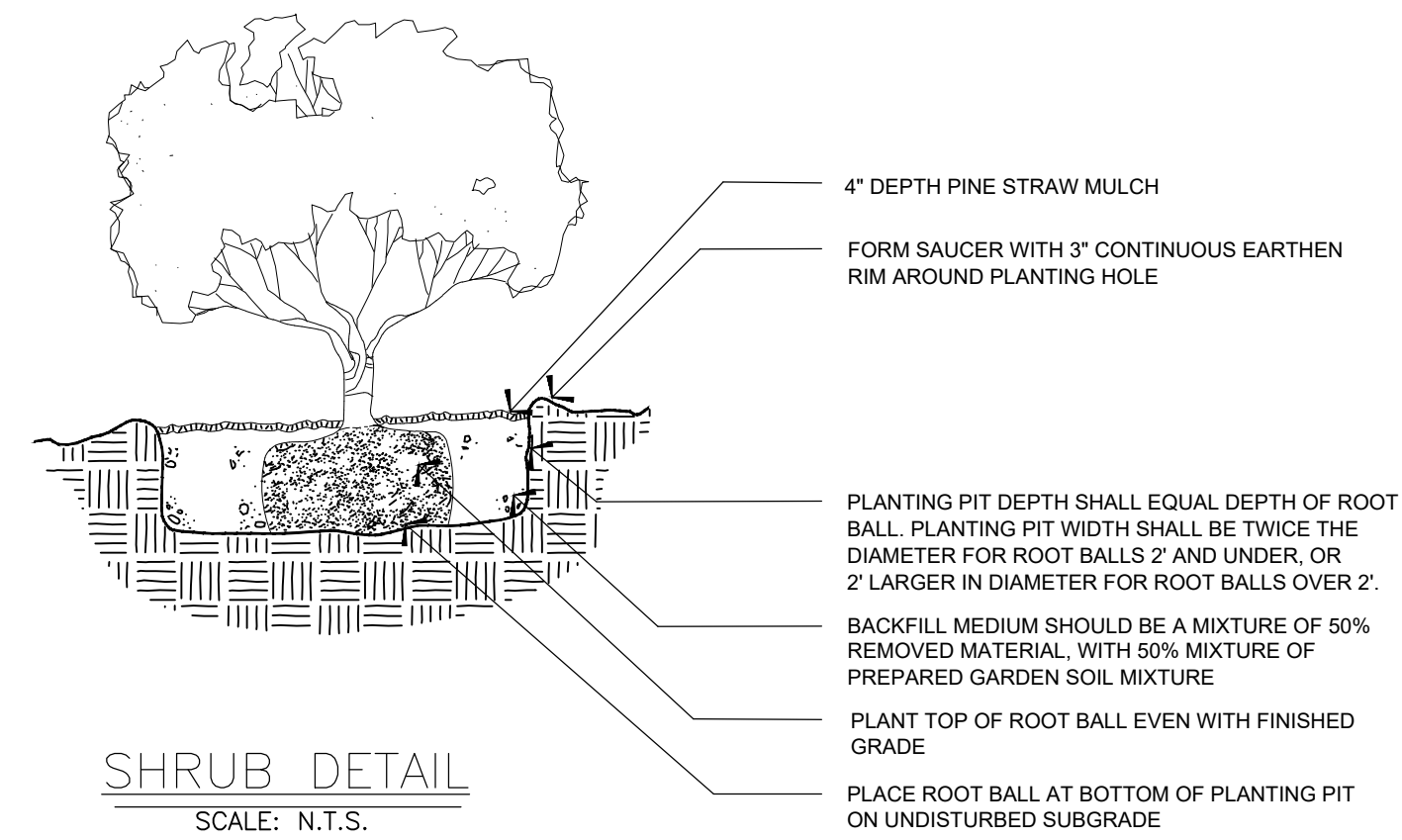
**LANDSCAPE PLANTING PLAN**



ST. TAMMANY PARISH-LANDSCAPE, BUFFERING, SCREENING, & TREE PRESERVATION						
EXHIBIT 600-3-13 LANDSCAPE AREA REQUIREMENTS		CODE REQUIRED LANDSCAPE		PROVIDED LANDSCAPE		
STREET/BUFFER NAME	BUFFER LENGTH (FT)	BUFFER DEPTH (FT)	SINGLE STREET FRONTAGE (4) CLASS "A" & (6) CLASS "B" TREES & (20) SHRUBS / 100'			
			TREES	SHRUBS	TREES	SHRUBS
LAKESHORE VISTA BLVD.	247.45'	25	(10) CLASS "A" TREES & (15) CLASS "B" TREES	50.0	(10) CLASS "A" TREES & (15) CLASS "B" TREES	51.0
SIDE YARD LANDSCAPE AREA (LV-3) (3) CLASS "B" TREES / 100'						
			TREES	SHRUBS	TREES	SHRUBS
NORTH SIDE BUFFER	253.19'	10	(8) CLASS "B" TREES	-	(8) CLASS "B" TREES	-
WEST SIDE BUFFER	202.14'	10	(7) CLASS "B" TREES	-	(7) CLASS "B" TREES	-
EAST SIDE BUFFER	264.04'	10	(8) CLASS "B" TREES	-	(8) CLASS "B" TREES	-

**SECTION 7.0112 MAINTENANCE & REPLACEMENT**

- A. MAINTENANCE: The Owner or his agent shall be responsible for the maintenance and repair of all landscaping materials and barriers as may be required by the provisions of this Section.
- Planting Beds shall be mulched to prevent weed growth and maintain soil moisture.
  - Plant Materials shall be pruned as required to maintain good health and character.
  - Turf areas shall be mowed periodically.
  - All roadways, curbs and sidewalks shall be edged when necessary in order to prevent encroachment from the adjacent grassed areas.
  - The Owner of the Property shall be responsible for the provision of adequate water, fertilizer and nutrients to the required plant materials.
- B. REPLACEMENT: Subject to the provisions of Section 7.0105.E entitled, "Replacement of Preserved Trees that Die", trees and plants that die must be replaced within six (6) months of the death of the tree or plant with trees or plants that meet the requirements of Section 7.01. Barriers and curbs that are damaged or destroyed beyond repair shall be replaced within six (6) months after the damage or destruction.



**Certification of Installation According to the Landscape Documentation Package**

I certify that based upon periodic site observation, the work has been substantially completed in accordance with the ordinance and that the landscape planting and irrigation installation conform with the criteria and specifications of the approved landscape and irrigation plan.

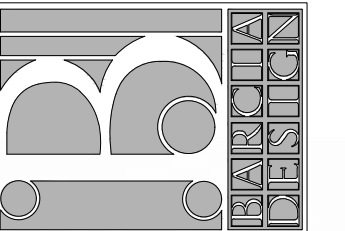
Signature	Date
Name (print)	Telephone No.
Title	Email Address
License No. or Certification No.	Street Address
Company	State
City	Zip Code

\*Signer of the approved landscape and irrigation plan

**PLANT SCHEDULE**

SYMBOL	CODE	QTY	BOTANICAL / COMMON NAME	CONT	CAL	SIZE
<b>CLASS "A"</b>						
	QN	4	Quercus nuttallii / Nuttall Oak	Gallon or B&B	2.50" Cal.	10' to 12' ht.
	SS	12	Sabal palmetto / Cabbage Palmetto	B&B	8' C.T.	Regenerated
<b>CLASS "B"</b>						
	IE	15	Ilex x attenuata 'Eagleston' / Eagleston Holly	Gallon or B&B	1.50" Cal.	8'-10' ht.
	LM	7	Lagerstroemia indica x fauriei 'Muskogee' / Muskogee Crape Myrtle	Gallon or B&B	1 inch per trunk, Min. 3 trunks	8'-10' ht.
	ML	16	Magnolia grandiflora 'Little Gem' / Little Gem Dwarf Southern Magnolia	Gallon or B&B	1.50" Cal.	8'-10' ht.
<b>SHRUBS</b>						
	IB	34	Ilex cornuta 'Burfordii Nana' / Dwarf Burford Holly	7-Gal.	2' ht. at the time of planting	
	MS	16	Miscanthus sinensis 'Adagio' / Adagio Eulalia Grass	3-Gal.	2' ht. at the time of planting	
<b>GROUND COVERS</b>						
	SOD	25,350 sf	Cynodon dactylon / Bermudagrass	Squares or Mini Rolls	Class 'A'	
	MULCH	1,060 sf	Mulch Area / Pine Straw Mulch	Pine Straw Bales	4" Depth	
SYMBOL	CODE	QTY	BOTANICAL / COMMON NAME	CONT	REMARKS	SPACING

ALPHONSE BARCIA III  
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12-18-2025

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**New Fire Station #10**

St. Tammany Fire Protection  
2745 Lakeshore Vista Blvd.  
Slidell, LA.

Sheet Title: Landscape Planting Plan

JOB No.:  
SCALE: AS SHOWN

DRAWN BY: AB3  
CHECKED BY: AB3

SHEET:

**LS-1**

REV.  
DATE: DECEMBER 18TH 2025