

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
554 Old Spanish Trail
Slidell, LA 70458
www.dammonengineering.com
info@dammonengineering.com
PH: 985.649.5832

#	DESCRIPTION	REVISIONS	DATE

SEAL:

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

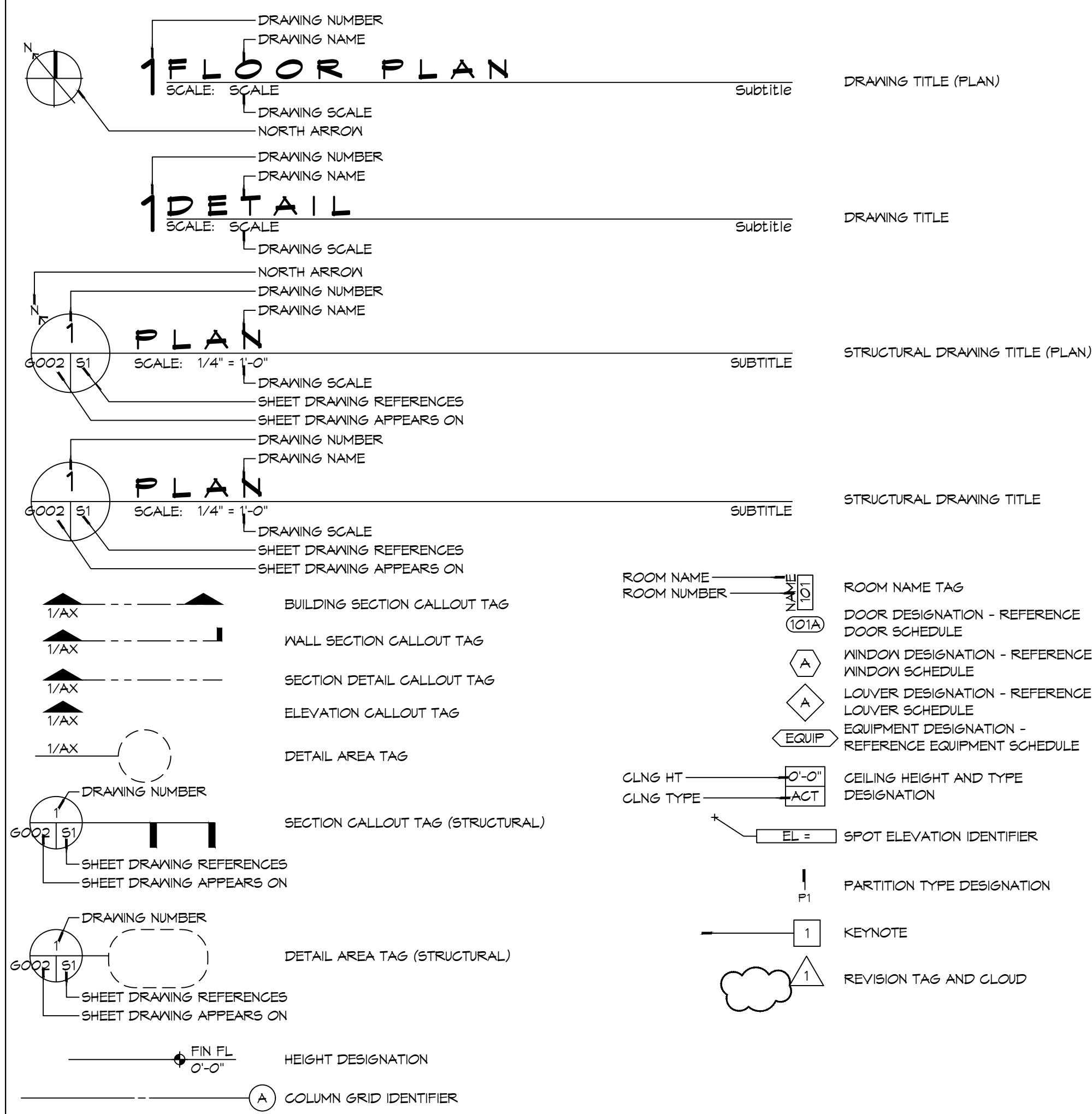
SHEET TITLE:
COVER SHEET

DRAWING NUMBER:
6001

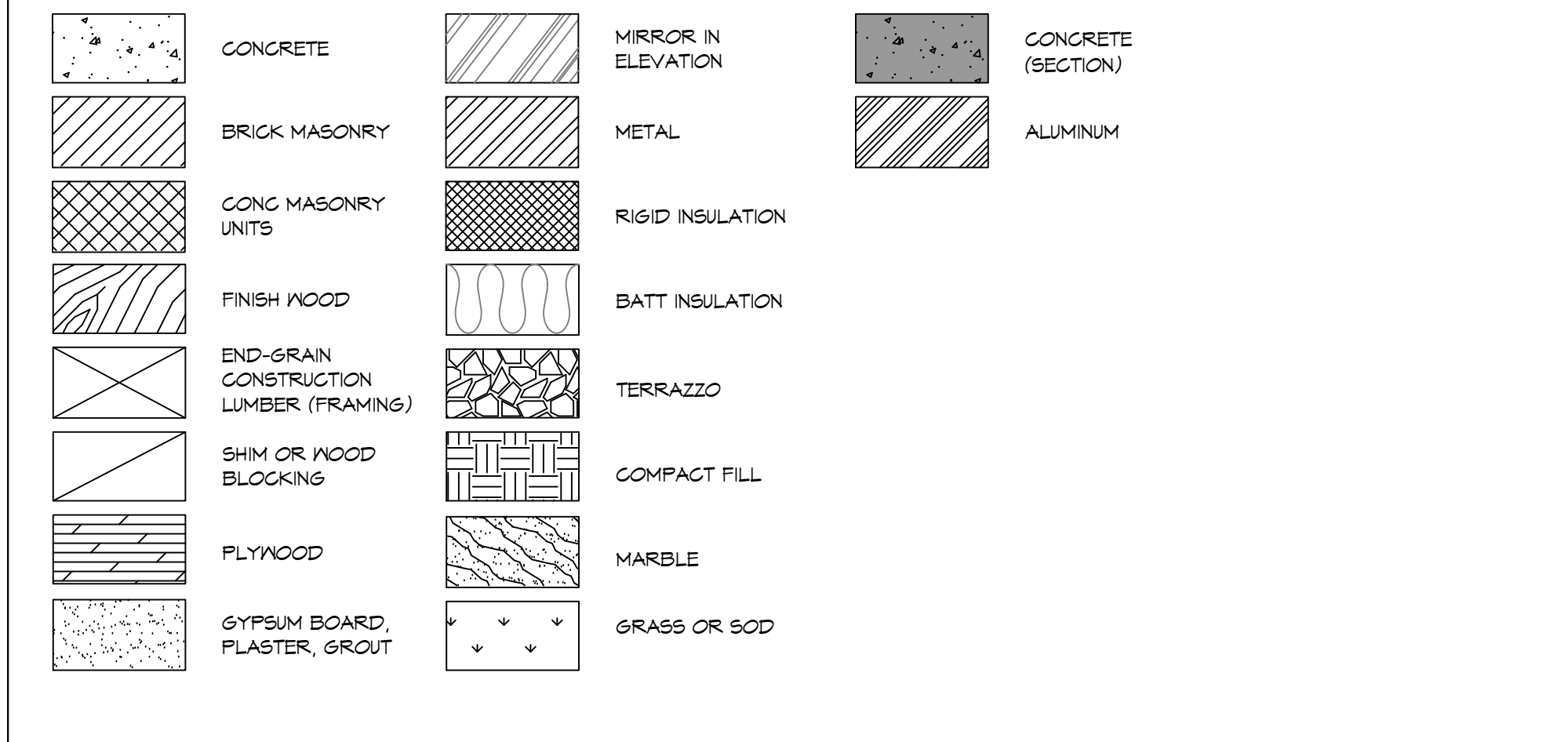
ABBREVIATIONS

Table of abbreviations for various construction materials and components, including symbols used as abbreviations, abbreviations, and symbols used as abbreviations.

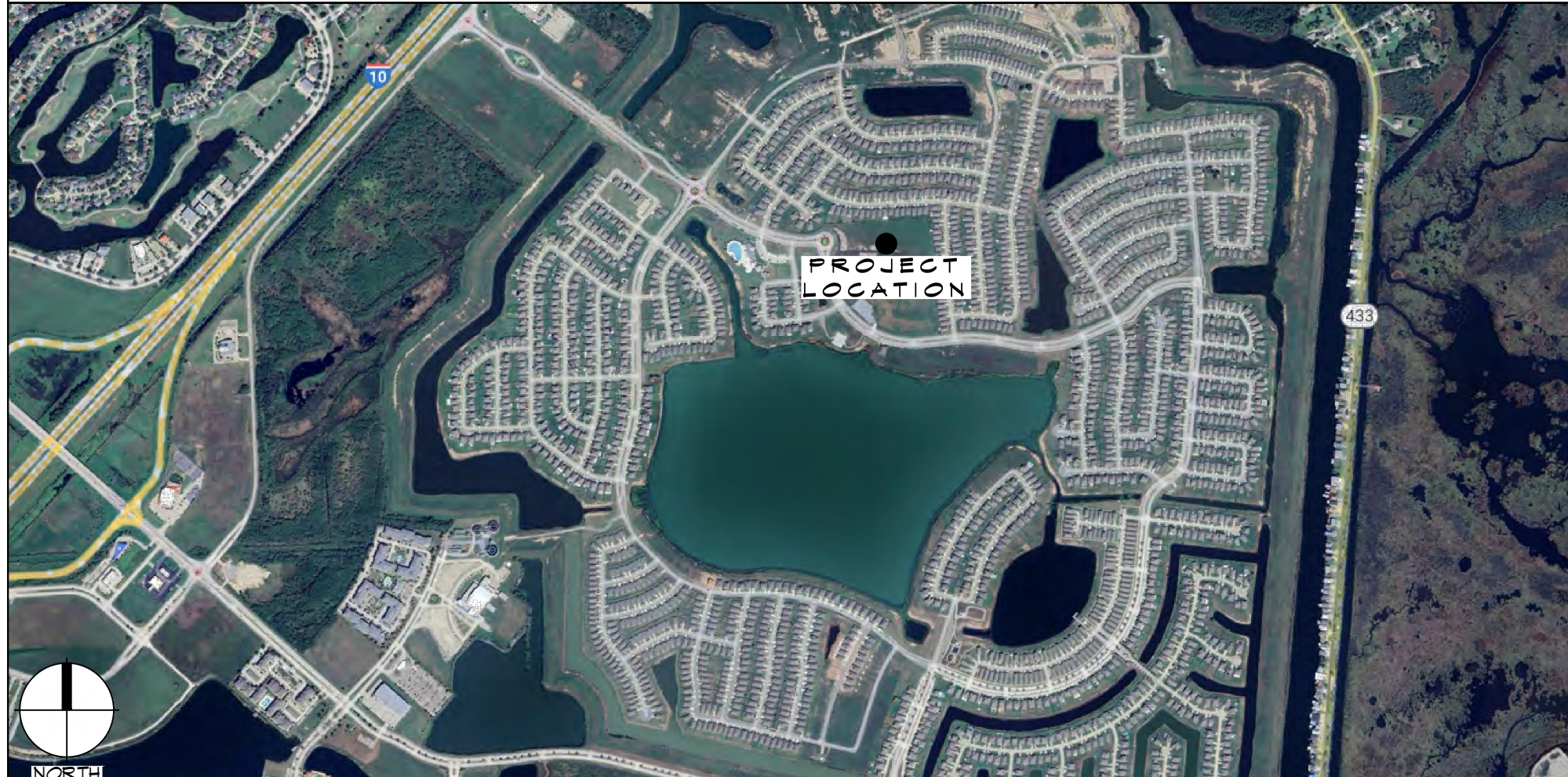
ANNOTATION SYMBOL LEGEND



MATERIAL DESIGNATIONS



PROJECT LOCATION MAP



PROJECT STATISTICS

Table with project statistics including square footage, living quarters, and apparatus bay.

PROJECT LOCATION: 2145 LAKESHORE VISTA BLVD, SLIDELL, LA 70458

OWNER: ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1, 593 ROBERT BLVD, SLIDELL, LA 70458

OWNER'S REPRESENTATIVE: CHRIS KAUFMANN

ROOM NAME TAG, ROOM NUMBER, ROOM NAME TAG, DOOR DESIGNATION - REFERENCE DOOR SCHEDULE

WINDOW DESIGNATION - REFERENCE WINDOW SCHEDULE, LOWER DESIGNATION - REFERENCE LOWER SCHEDULE

EQUIPMENT DESIGNATION - REFERENCE EQUIPMENT SCHEDULE, CEILING HEIGHT AND TYPE DESIGNATION

SPOT ELEVATION IDENTIFIER, PARTITION TYPE DESIGNATION, KEYNOTE, REVISION TAG AND CLOUD

GENERAL NOTES

- GENERAL NOTES ARE NOT INTENDED TO APPLY TO EVERY SHEET, BUT ARE INTENDED TO GIVE OWNER AND CONTRACTOR SOME BASIC GUIDELINES. ALL NOTES FOUND ON ATTACHED SHEETS TAKE PRECEDENCE OVER GENERAL NOTES.

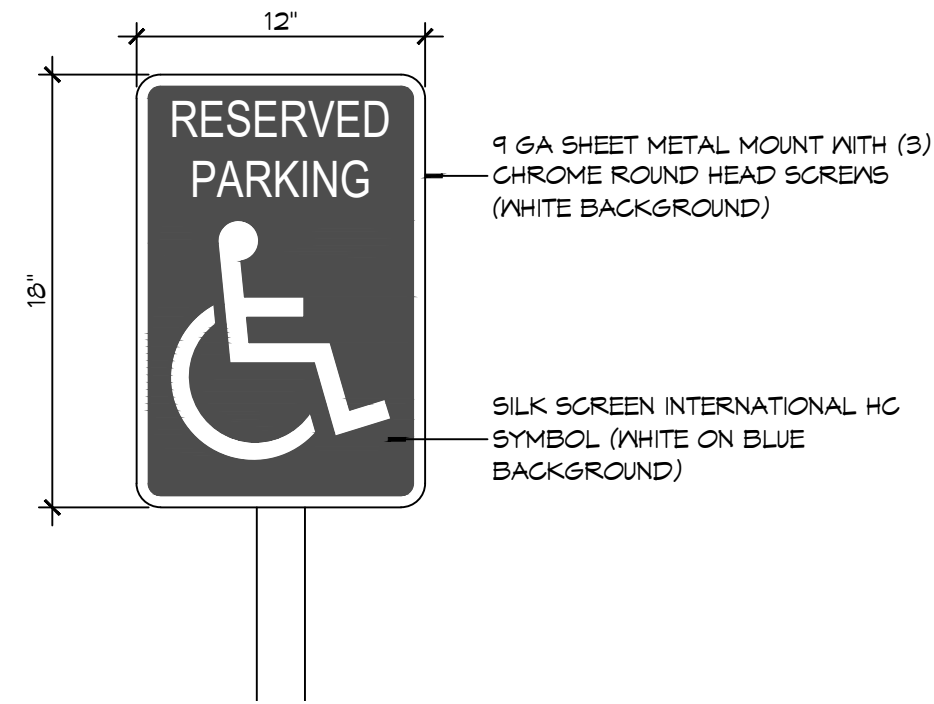
SHEET LIST TABLE

Table listing sheet numbers, titles, and descriptions for the project, including sheet 6001 through 6103.

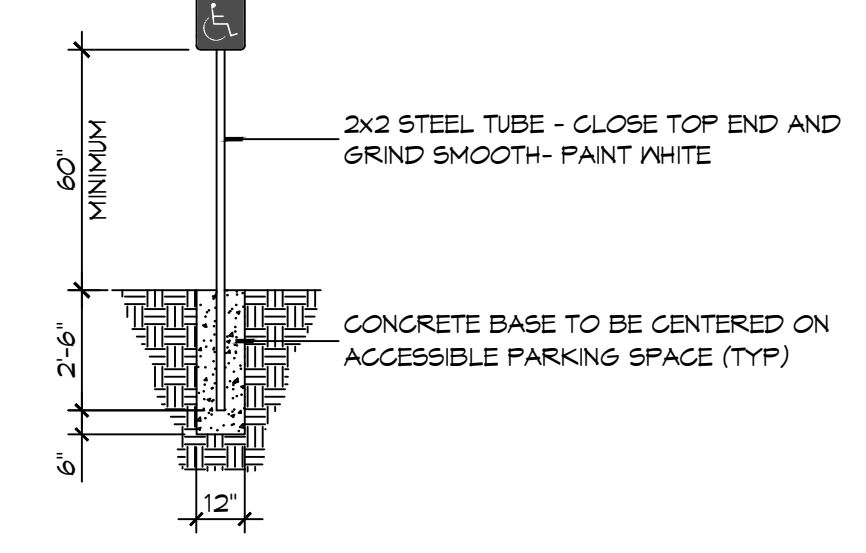
DAMMON ENGINEERING, INC. LOUISIANA & MISSISSIPPI logo and contact information.

Table with columns for revision number, description, and date.

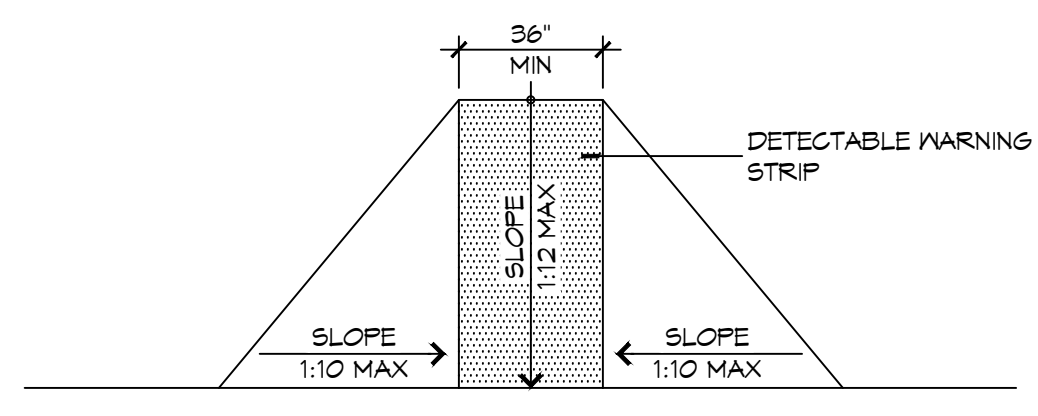
NEW FIRE STATION #10 ST. TAMMANY FIRE PROTECTION DISTRICT No. 1 SHEET TITLE: GENERAL INFORMATION SHEET DRAWING NUMBER: 6002



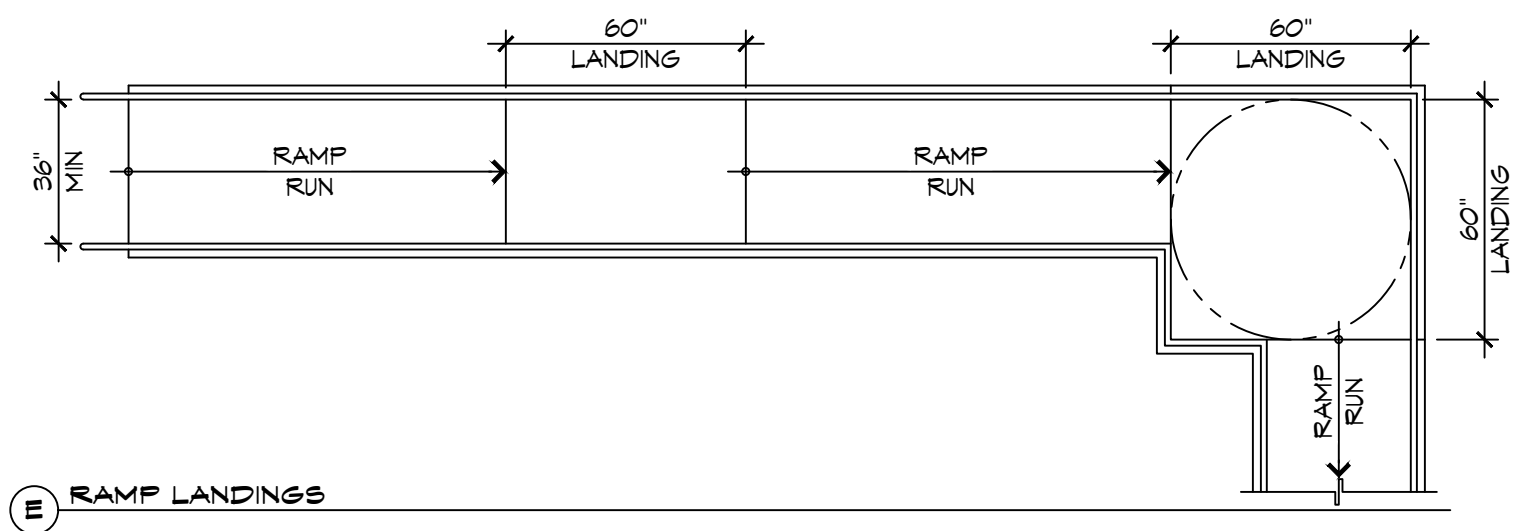
ACCESSIBLE SIGN
SCALE: NTS



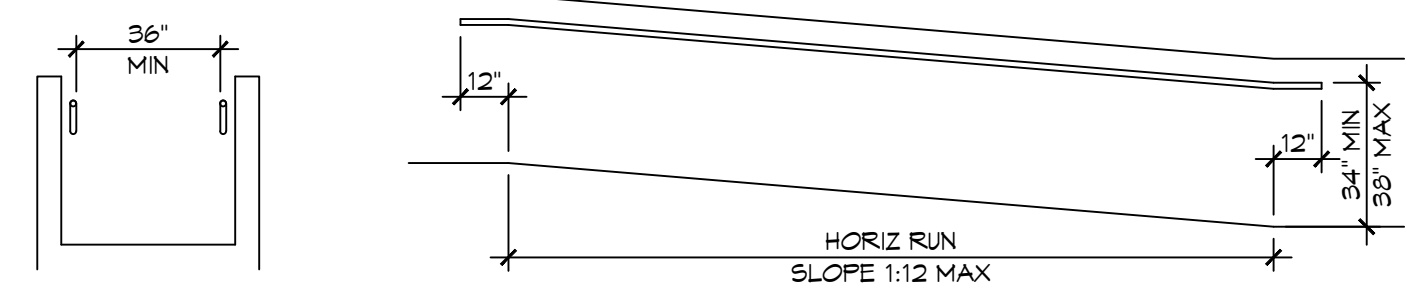
FLARED RAMPS



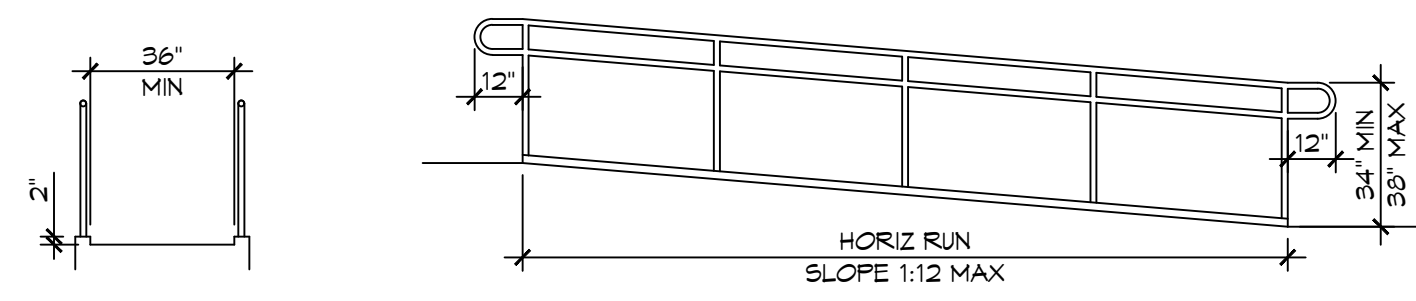
RAMP LANDINGS



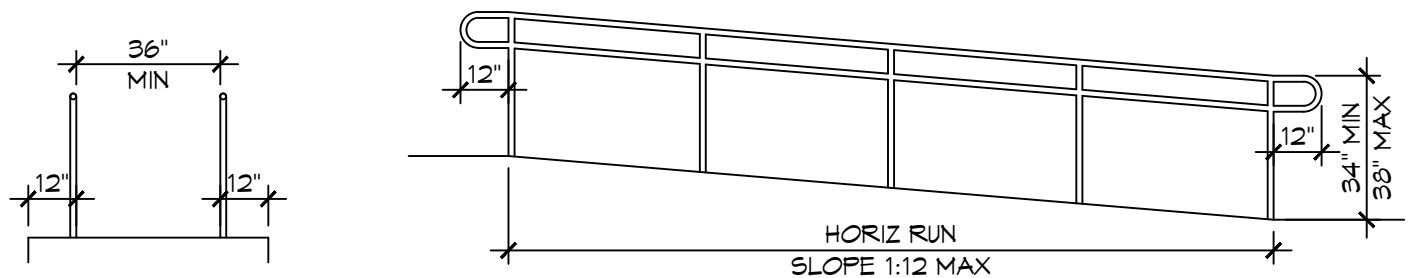
WALL EDGE PROTECTION



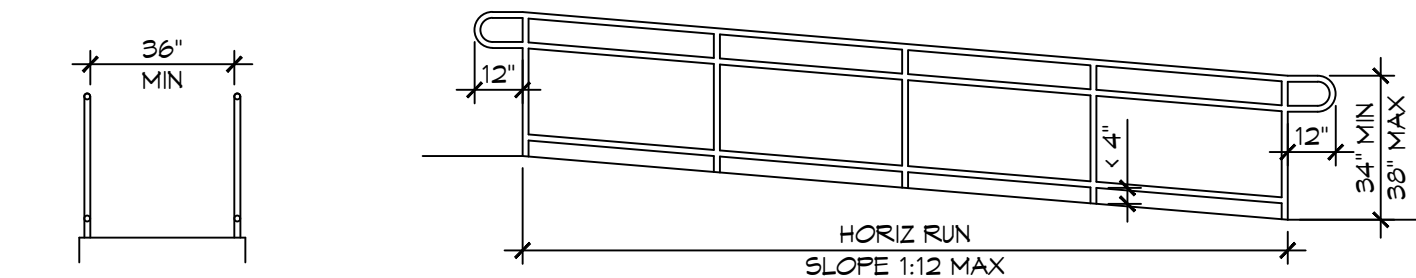
CURB EDGE PROTECTION



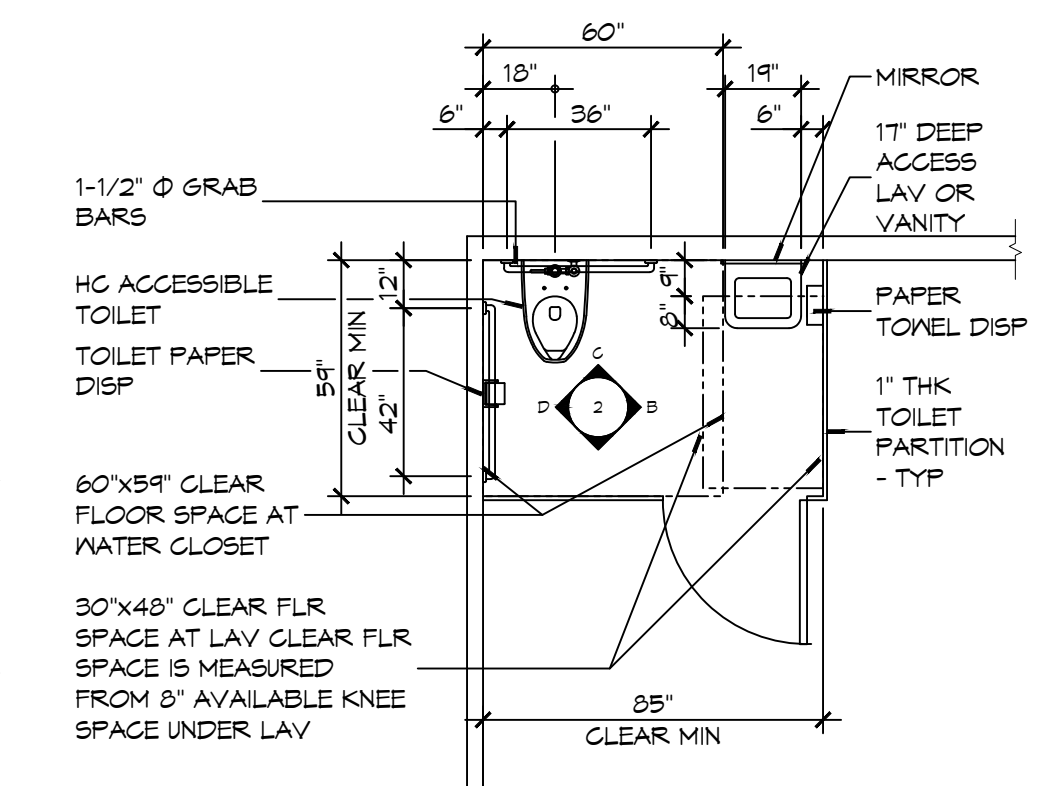
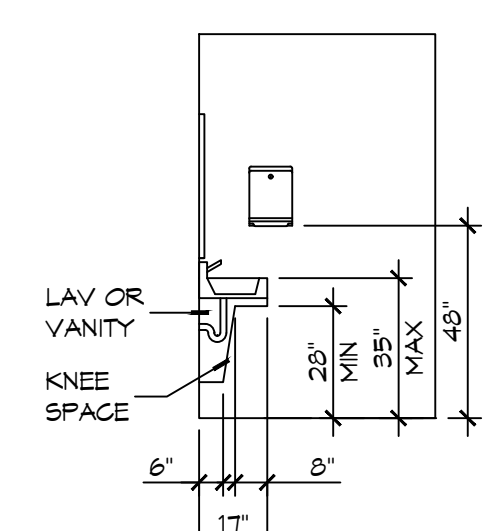
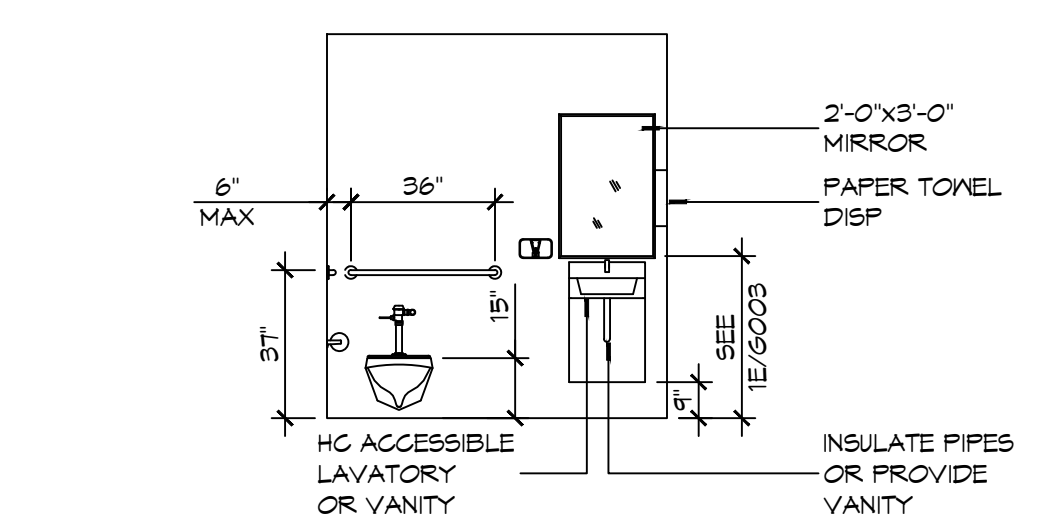
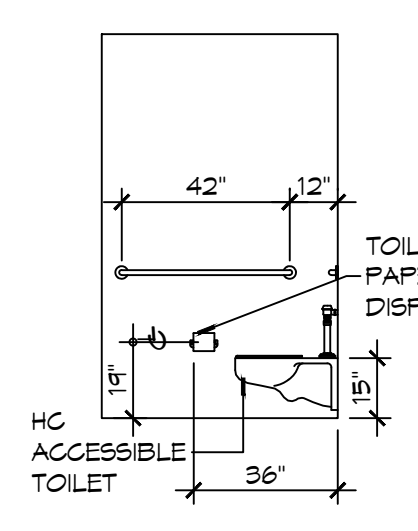
EXTENDED SURFACE EDGE PROTECTION



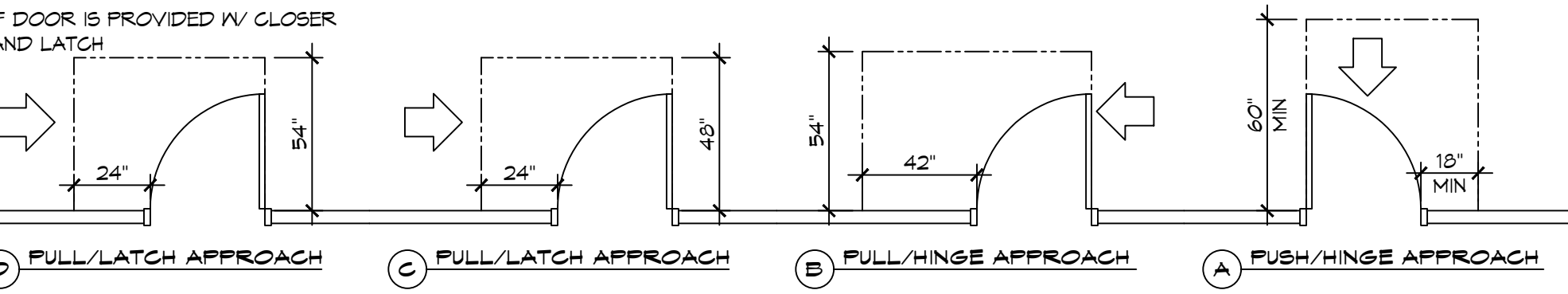
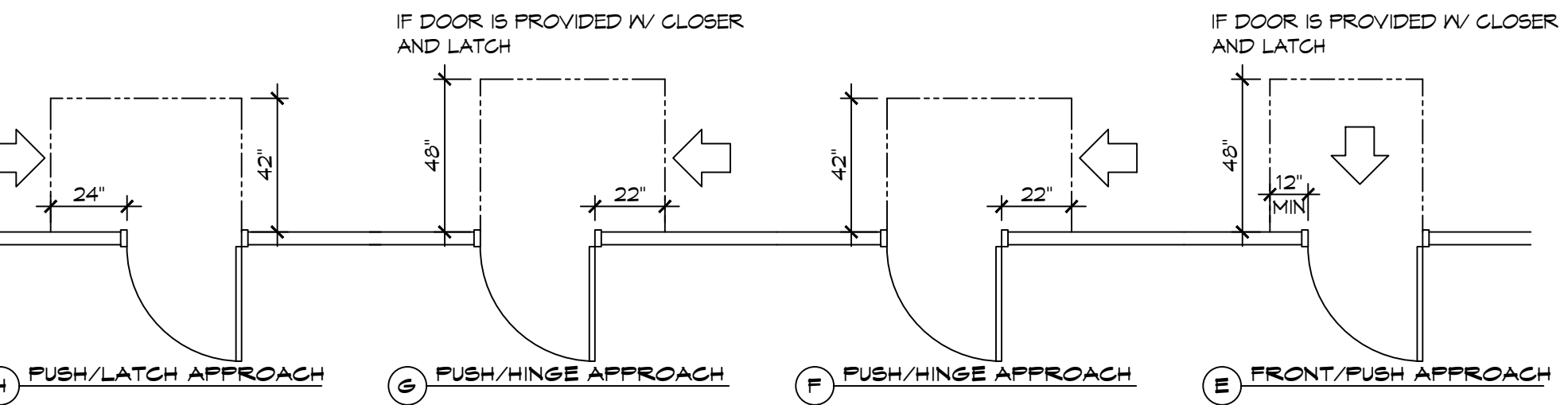
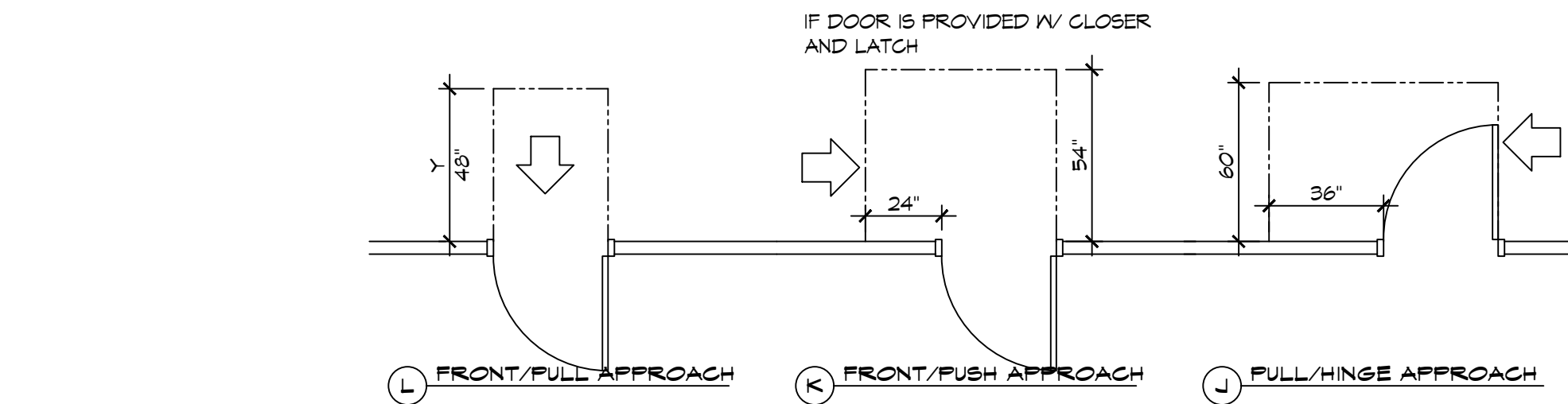
BARRIER EDGE PROTECTION



4 ACCESSIBLE RAMPS
SCALE: 1/4" = 1'-0"



2 RESTROOM CLEARANCES
SCALE: 1/4" = 1'-0"



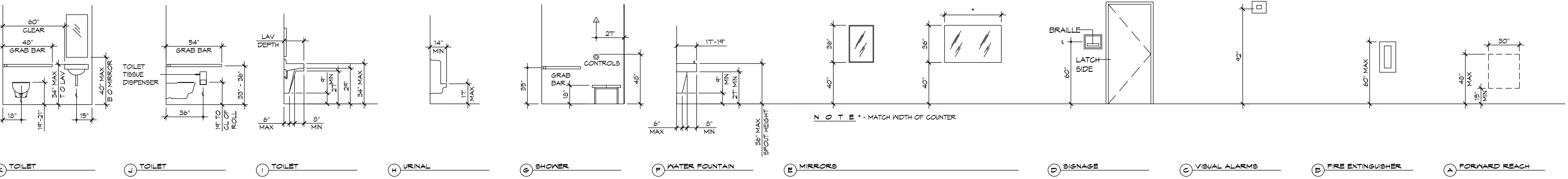
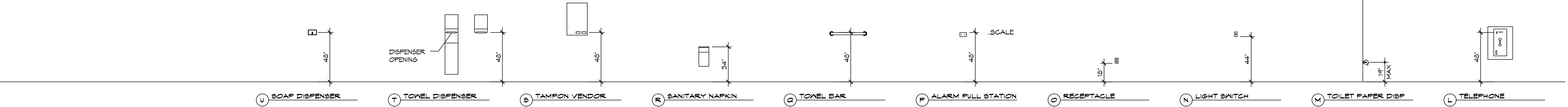
3 ADA DOOR CLEARANCES
SCALE: 1/4" = 1'-0"

ACCESSIBILITY NOTES

DOOR CLEARANCE NOTES
ALCOVES SHALL COMPLY WITH THE CLEARANCES FOR FRONT APPROACHES. 31/6003 - 3K/6003.
DOOR HARDWARE SHALL BE LEVER TYPE.
MAX DOOR OPENING FORCE:
INTERIOR HINGED DOORS: 5 LBF
EXTERIOR HINGED DOORS: 8.5 LBF
SLIDING OR FOLDING DOORS: 5 LBF
FIRE DOORS SHALL HAVE THE MINIMUM OPENING FORCE ALLOWABLE BY THE APPROPRIATE ADMINISTRATIVE AUTHORITY.
HARDWARE REQUIRED FOR ACCESSIBLE DOOR PASSAGE SHALL BE MOUNTED NO HIGHER THAN 48" AND NOT LESS THAN 34" ABOVE FINISHED FLOOR.
THE FLOOR OR GROUND AREA WITHIN THE REQUIRED CLEARANCES SHALL BE LEVEL AND CLEAR.
THRESHOLDS AT DOORWAYS SHALL NOT EXCEED 3/4" IN HEIGHT FOR EXTERIOR SLIDING DOORS OR 1/2" FOR OTHER TYPES OF DOORS. RAISED THRESHOLDS AND FLOOR LEVEL CHANGES AT ACCESSIBLE DOORWAYS SHALL BE BEVELED WITH A SLOPE NO GREATER THAN 1:2.
DOORWAYS SHALL HAVE A MINIMUM CLEAR OPENING OF 32" WITH THE DOOR OPEN 90°. MEASURED BETWEEN THE FACE OF THE DOOR AND THE OPPOSITE STOP. OPENINGS MORE THAN 24" IN DEPTH SHALL MAINTAIN 32" MIN CLEARANCE.
RAMP NOTES
THE CLEAR SPACE BETWEEN THE HANDRAIL AND THE WALL SHALL BE MIN 1-1/2" CLEAR.
GRIPPING SURFACES SHALL BE CONTINUOUS AND UNOBSTRUCTED. ENDS OF HANDRAILS SHALL BE EITHER ROUNDED OR RETURNED SMOOTHLY TO FLOOR, WALL, OR POST.
HANDRAILS SHALL NOT ROTATE WITHIN THEIR FITTINGS.
THE CROSS SLOPE OF RAMP SURFACES SHALL BE NO GREATER THAN 1:50.
OUTDOOR RAMPS AND THEIR APPROACHES SHALL BE DESIGNED SO THAT WATER WILL NOT ACCUMULATE ON WALKING SURFACES.
RAMPS AND LANDINGS WITH DROP-OFFS SHALL HAVE CURBS, WALLS, RAILINGS, OR PROJECTING SURFACES THAT PREVENT PEOPLE FROM SLIPPING OFF THE RAMP. CURBS SHALL BE A MINIMUM OF 2" HIGH.
HANDRAILS SHALL BE PROVIDED ALONG BOTH SIDES OF RAMP SEGMENTS. THE INSIDE HANDRAIL ON SWITCHBACK OR DOGLEG RAMPS SHALL ALWAYS BE CONTINUOUS.
RAMP LANDINGS SHALL BE AT LEAST AS WIDE AS THE RAMP RUN LEADING TO IT.

GENERAL SITE ACCESSIBILITY NOTES

1. ACCESSIBILITY SIGNAGE SHALL COMPLY WITH ADAAG 2010 GUIDELINES SECTION 303.7.
2. SEE SHEET 0003 FOR ACCESSIBLE RAMP AND HANDRAIL DESIGNS WHERE THEY OCCUR.
3. ALL ACCESSIBLE PARKING SPACES AND AISLES THAT SERVE THEM SHALL COMPLY WITH ADAAG 2010 GUIDELINES SECTIONS 302.4 AND 302.5.
4. OPENINGS IN GROUND SURFACES SHALL COMPLY WITH ADAAG 2010 GUIDELINES SECTION 302.3.
5. VERTICAL CHANGES IN ELEVATION ALONG ALL ACCESSIBLE ROUTES SHALL COMPLY WITH ADAAG 2010 GUIDELINES SECTIONS 303.2, 303.3, AND 303.4.
6. PARKING SPACES DESIGNATED AS ACCESSIBLE SHALL INCLUDE THE INTERNATIONAL SYMBOL OF ACCESSIBILITY COMPLYING WITH ADAAG 2010 GUIDELINES SECTIONS 303.2.1 AND 302.6.
7. ALL ACCESSIBLE PARKING SPACES AND ROUTES SERVING THEM SHALL HAVE A ROUGH, SLIP-RESISTANT SURFACE OR LIGHT BROOM FINISH IN COMPLIANCE WITH ADAAG 2010 GUIDELINES SECTION 302.1.



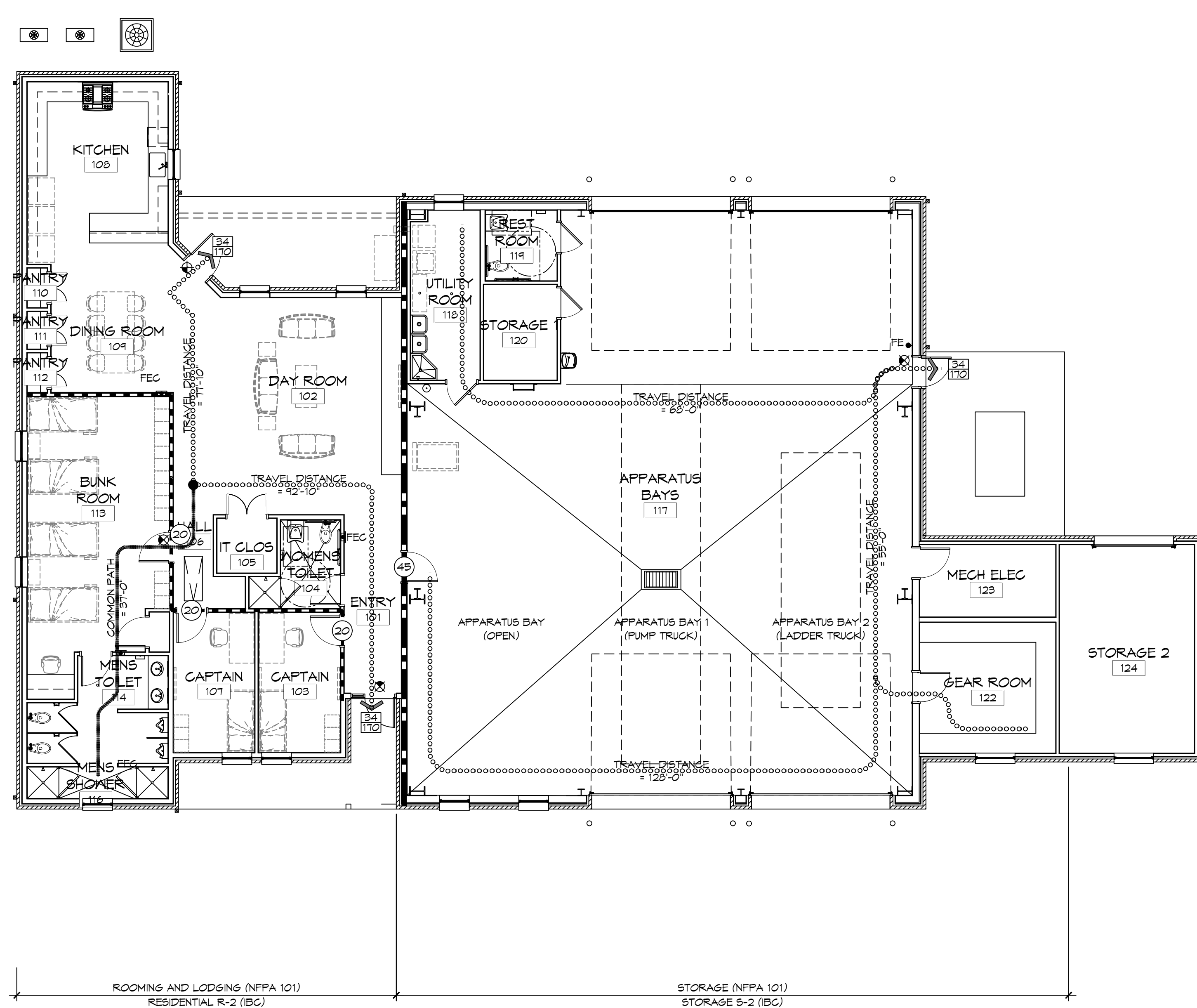
1 MOUNTING HEIGHTS
SCALE: 1/4" = 1'-0"

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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: JME CHECKED BY: GKD
SHEET TITLE: ACCESSIBILITY INFORMATION
DRAWING NUMBER:
GOOB
SHEET No: 3 of 37

FILE NAME: A:\-Dammam\LS101 - Fire Station 210\LS101-1.dwg, Scale: 1/8" = 1'-0", Plot Date: 12/15/2025, 10:58:10 AM, Plot Size: 11.00 x 17.00, Plot Scale: 1/8" = 1'-0", Plot Date: 12/15/2025, 10:58:10 AM



ROOMING AND LODGING (NFPA 101) RESIDENTIAL R-2 (IBC)
 STORAGE (NFPA 101) STORAGE S-2 (IBC)

LIFE-SAFETY INFORMATION

APPLICABLE CODES			
NFPA 101 LIFE-SAFETY CODE 2015			
OCCUPANCY TYPE(S) AND CHAPTER(S)			
ROOMING OR LODGING (CHAPTER 26)			
BUSINESS (CHAPTER 30)			
STORAGE (ORDINARY HAZARD) (CHAPTER 42)			
MULTIPLE, MIXED, OR SEPARATE OCCUPANCY (REFERENCE CHAPTER 6)			
CLASSIFICATION OF HAZARD OF CONTENTS			
(REFERENCE: OCCUPANCY CHAPTER AND 8.2.2; SPECIFY LOW, ORDINARY, OR HIGH)			
CONSTRUCTION TYPE(S) (REFERENCE: CHAPTERS, TABLE A.8.2.1.2 AND COMMENTARY TABLE 8.1 IN HANDBOOK)			
V(000)			
MINIMUM CONSTRUCTION REQUIREMENTS (REFERENCE OCCUPANCY CHAPTER)			
APPLICABLE DEFINITIONS (REFERENCE: CHAPTER 2)			
OCCUPANCY			
OCCUPANCY LOAD CALCULATIONS (REFERENCE: TABLE 7.3.1.2)			
OCC/FUNCTION OF SPACE	FLOOR AREA PER OCC (SF)	ACTUAL SF	OCCUPANT LOAD
ROOMING & LODGING	200	2,624 SF	14
STORAGE (S-2)	500	3,902 SF	8
TOTAL		6,526 SF	23
INCIDENTAL USE AREAS AND REQUIRED SEPARATION			
ROOM OR AREA	SEPARATION		
N/A	N/A		
MEANS OF EGRESS			
NUMBER OF EXITS (REFERENCE: OCCUPANCY CHAPTER AND TABLE A.7.6)			
3			
MINIMUM EXIT SEPARATION DISTANCE FOR REMOTELY LOCATED EXITS			
(REFERENCE: SECTION 7.5; SPECIFY 1/2 OR 1/3 DIAGONAL DISTANCE OF AREA SERVED)			
1/3 DIAGONAL = 30'-10"			
MAXIMUM DEAD-END CORRIDORS (REFERENCE: OCCUPANCY CHAPTER AND TABLE A.7.6)			
ROOMING & LODGING	NR		
STORAGE	100'		
MAXIMUM COMMON PATH OF TRAVEL (REFERENCE: OCCUPANCY CHAPTER AND TABLE A.7.6)			
DISTANCE			
ROOMING & LODGING	NR		
STORAGE	100'		
MAXIMUM TRAVEL DISTANCE TO EXITS (REFERENCE: OCCUPANCY CHAPTER AND TABLE A.7.6)			
ROOMING & LODGING	NR		
STORAGE	400'		
CAPACITY OF MEANS OF EGRESS (REFERENCE: 7.3 AND TABLE 7.3.3.1)			
COMPONENT	OCCUPANT LOAD	X CAPACITY FACTOR	MINIMUM WIDTH
EXITS	23	0.2	5"
*MAIN ENTRANCE MUST BE SIGNED TO ACCOMMODATE 1/2 OCCUPANT LOAD OF BUILDING			
FIRE RESISTANCE RATING REQUIREMENTS			
CHAPTER 8			
EXTERIOR BEARING WALLS	(REFERENCE TABLE A.8.2.1.2)	0 HOURS	
INTERIOR BEARING WALLS	(REFERENCE TABLE A.8.2.1.2)	0 HOURS	
COLUMNS	(REFERENCE TABLE A.8.2.1.2)	0 HOURS	
BEAMS, GIRDERS, TRUSSES, AND ARCHES	(REFERENCE TABLE A.8.2.1.2)	0 HOURS	
FLOOR-CEILING ASSEMBLIES	(REFERENCE TABLE A.8.2.1.2)	0 HOURS	
ROOF-CEILING ASSEMBLIES	(REFERENCE TABLE A.8.2.1.2)	0 HOURS	
INTERIOR NON-BEARING WALLS	(REFERENCE TABLE A.8.2.1.2)	0 HOURS	
EXTERIOR NON-BEARING WALLS	(REFERENCE TABLE A.8.2.1.2)	0 HOURS	
SHAFT ENCLOSURE	(SECTION 8.6.5)	0 HOURS	
EXIT ENCLOSURE		1 HOUR	
OPENING PROTECTIVES (CHAPTER 8, TABLE 8.3.4.2)			
COMPONENT	WALLS & PART FIRE RATING (HR)	FIRE DOOR ASSEMBLIES (HR)	FIRE WINDOW ASSEMBLIES (HR)
ELEVATOR	1 HR	1 HR	1 HR
STAIRWAYS	1 HR	1 HR	1 HR
SMOKE BARRIERS	1 HR	1/3 HR	1/3 HR
ADDITIONAL CODE REQUIREMENTS (OCCUPANCY CHAPTER 36)			
EXTINGUISHMENT REQUIREMENTS (SPRINKLER (REQUIRED))			
DETECTION, ALARM, AND COMMUNICATION SYSTEMS			
YES			
EMERGENCY LIGHTING			
PER 90.2.6			
PER 90.2.11.2			
ALLOWABLE HEIGHT AND BUILDING AREA			
PER IBC EQUIVALENT CONSTRUCTION TYPE			
CONSTRUCTION TYPE (NFPA)			
V(000)			
CONSTRUCTION TYPE (IBC)			
MAXIMUM HEIGHT IN STORIES	(REF: IBC TABLE 503)	(R-2) 3	(S-2) 4
MAXIMUM HEIGHT IN FEET	(REF: IBC TABLE 503)	50 FEET	
MAXIMUM AREA IN SQUARE FEET	(REF: IBC TABLE 503)	(R-2) 12,000 SF	(S-2) 21,000 SF

LIFE-SAFETY LEGEND	
SYMBOL	DESCRIPTION
	EXITS
	DOOR FIRE RATING (MINUTES)
	DOOR WIDTH/EGRESS CAPACITY
	EXIT LIGHT
	FIRE EXTINGUISHER AND CABINET - SEMI-RECESSED
	FIRE EXTINGUISHER IV WALL MTD BRACKET
	COMMON PATH OF TRAVEL
	TOTAL TRAVEL DISTANCE
	DECISION POINT
	SMOKE PARTITION
	ONE-HOUR FIRE RATED PARTITION
	TWO-HOUR FIRE RATED PARTITION
	TWO-HOUR FIRE/SMOKE PARTITION
	FOUR-HOUR RATED PARTITION

BUILDING CODE INFORMATION

APPLICABLE CODES		
BC 2021		
OCCUPANCY TYPE OF GROUP(S) (IBC 2021 CHAPTER 13)		
STORAGE (S-2)		
RESIDENTIAL (R-2)		
CONSTRUCTION TYPE(S) (TABLE 503)		
VB		
ALLOWABLE HEIGHT AND BUILDING AREA LIMITED BY TYPE OF CONSTRUCTION		
MAXIMUM HEIGHT IN STORIES (SECTION 503 & 504, TABLE 503)	2	
MAXIMUM AREA IN SQUARE FEET (SECTION 503, 506 & 507, TABLE 503)	(R-2) 12,000 SF	(S-2) 21,000 SF
MIXED USED OCCUPANCY		
SECTION 503		
INCIDENTAL ACCESSORY OCCUPANCIES (HR) (TABLE 503.2.5)		
ROOM OR AREA	SEPARATION	
N/A	N/A	
REQUIRED SEPARATION OR OCCUPANCIES (HR) (TABLE 503.4)		
N/A		
FIRE RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS		
CHAPTER 8, TABLE 8.01		
STRUCTURAL FRAMES	0 HOURS	
EXTERIOR BEARING WALLS	0 HOURS	
INTERIOR BEARING WALLS	0 HOURS	
EXTERIOR NON-BEARING WALLS	0 HOURS	
INTERIOR NON-BEARING WALLS	0 HOURS	
FLOOR CONSTRUCTION (INC SUPPORTING BEAMS & JOISTS)	0 HOURS	
ROOF CONSTRUCTION (INC SUPPORTING BEAMS & JOISTS)	0 HOURS	
FIRE-RESISTANCE RATINGS FOR EXTERIOR WALL OPENINGS		
TABLE 705.3		
NOTES ON SPECIFIC, PERTINENT PLAN ISSUES		
N/A		
FIRE WALLS		
SECTION 706, TABLE 706.4		
REQUIRED?	NO	
IF YES THEN NOTE REQUIRED RATING		
FIRE BARRIERS		
SECTION 707		
SHAFT ENCLOSURE(S) - NOT REQUIRED RATINGS (SECTION 708.4)		
NO PER 708.2.1		
EXIT ENCLOSURE - NOTE REQUIRED RATINGS (SECTION 1022.1)		
1 HOUR		
EXIT PASSAGEWAY - NOTE REQUIRED RATINGS (SECTION 1023.3)		
1 HOUR		
HORIZONTAL EXIT - NOTE REQUIRED RATINGS (SECTION 1025.1)		
2 HOURS		
ATRIUMS - NOTE REQUIRED RATINGS (SECTION 404.6)		
N/A		
SEPARATION FROM STAGE (SECTION 410.5)		
N/A		
OCCUPANT LOADS		
IBC 2004 SECTION 1004, TABLE 1004.1.1)		
OCCUPANCY/FUNCTION SPACE	FLOOR AREA/OCCUPANT (SF)	OCCUPANT LOAD
R-2	2,541 SF / 200 SF PER OCCUPANT	13 OCCUPANTS
S-2	3,715 SF / 200 SF PER OCCUPANT	19 OCCUPANTS
TOTAL		32
EXIT REQUIREMENTS		
(IBC 2012 SECTION 1009)		
NUMBER OF ACCESSIBLE MEANS OF EGRESS REQUIRED PER FLOOR (TABLE 1018.1 & 1021.1)		
FLOOR	# MEANS OF EGRESS REQUIRED	
R-2	2	
S-2	1	
TOTAL	3	
TOTAL WIDTH OF EXITS		
(OCCUPANT LOAD / # OF MEANS OF EGRESS) X (FACTOR IN SECTION 1009)		
OCCUPANT LOAD	# OF EXITS PROVIDED	MULTIPLIER (SECTION 1009.1)
13	2	0.2
19	1	0.2
TOTAL		0.2
MINIMUM EXIT WIDTH (INCHES)		
13	2	5.1
19	1	9.1500
TOTAL		250
MINIMUM CORRIDOR WIDTH (SECTION 1018.1 & 1005.1)		
44"		
MAXIMUM DEAD END CORRIDOR (SECTION 1018.4)		
50'		
MAXIMUM COMMON PATH OF TRAVEL (SECTION 1014.3)		
100'		

WIND SPEED DESIGN REQUIREMENTS			
THIS BUILDING SHALL BE DESIGNED WITH IBC SEC 1609 AS A FULLY ENCLOSED BLDG USING THE FOLLOWING INFORMATION:			
WIND DESIGN DATA:			
DETERMINATION OF WIND LOADS SHALL BE IN ACCORDANCE WITH IBC SEC 1609.3 (A), (B), OR (C) DEPENDING ON THE RISK CATEGORY			
BASIC WIND SPEED (3 SECOND GUST) =	140 MPH (FIG 1609)		
RISK FACTOR: CATEGORY II BLDG	SURFACE ROUGHNESS =	C	
TOPOGRAPHIC FACTOR	1		
DESIGN WIND PRESSURE (ASCE 7-10):	33.6 PSF		
INTERNAL PRESSURE COEFFICIENT (ASCE 7-10):	± 0.18		
LIVE LOADS (SEC 1607)			
ASSEMBLY AREA IV MOVEABLE SEATS (TABLE 1607.1):	100 PSF		
OFFICE (TABLE 1607.1):	50 PSF		
ROOF LIVE LOADS (TABLE 1607.1):	20 PSF UNIFORM, 300 LB CONCENTRATED		
SNOW LOADS (TABLE 1608):			
GROUND SNOW LOAD (FIG 1608.2):	5 PSF		

CONTRACTOR NOTE:

EACH CONTRACTOR IS RESPONSIBLE FOR THE CONSTRUCTION OF THE MAIN WIND-FORCE-RESISTING COMPONENT SYSTEM OF THIS BUILDING. EACH CONTRACTOR SHALL SUBMIT A WRITTEN CONTRACTOR'S STATEMENT OF RESPONSIBILITY TO THE BUILDING OFFICIAL AND OWNER PRIOR TO COMMENCEMENT OF WORK THAT THE CONTRACTOR SHALL PROVIDE PERIODIC INSPECTIONS AS REQUIRED BY SEC 1705.

FLOOD ZONE INFORMATION

BASED ON THE SURVEY OF THIS PROPERTY BY J.V. BURKES AND ASSOCIATES, INC. THIS PROPERTY IS IN A SPECIAL FLOOD HAZARD AREA. F.I.R.M. COMMUNITY MAP NO 220205 0535 D, REVISED 04/02/1991

FLOOD ZONE: AH BASE FLOOD ELEVATION 1.0 NGVD

ELEVATIONS REFER TO NGVD 1929 DATUM

1 LIFE-SAFETY PLAN

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

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#	DESCRIPTION	DATE

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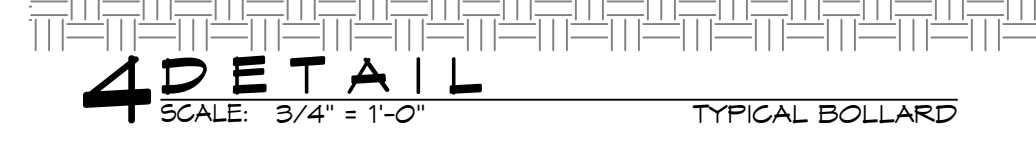
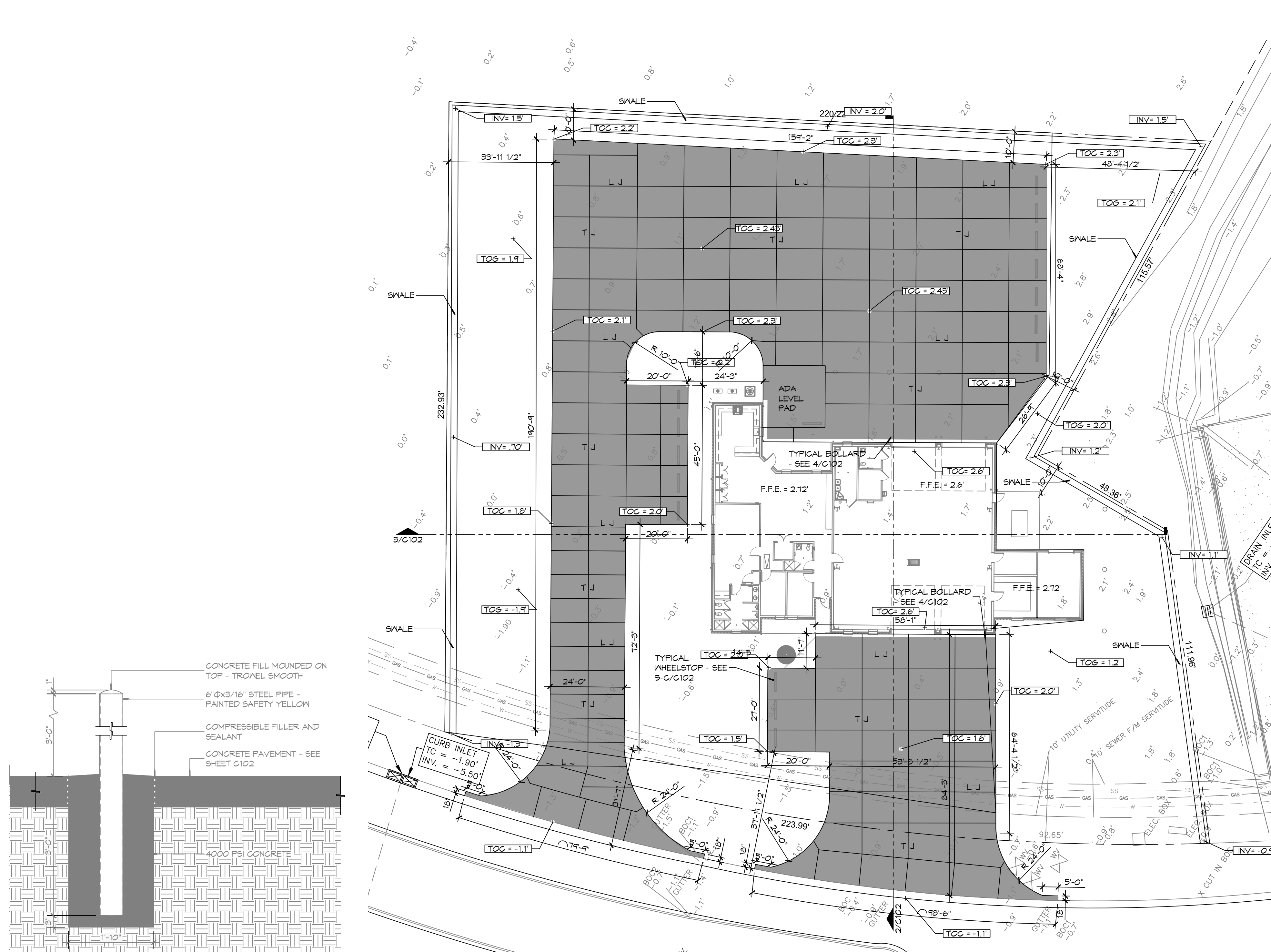
NEW FIRE STATION #10
ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1
 246 LAKEHURST VISTA BLVD
 SLIDELL, LA 70461
 JOB No: 2519 DATE: 12-05-2025
 DRAWN BY: CKD CHECKED BY: JMS

SHEET TITLE:
LIFE-SAFETY AND BUILDING CODE INFORMATION

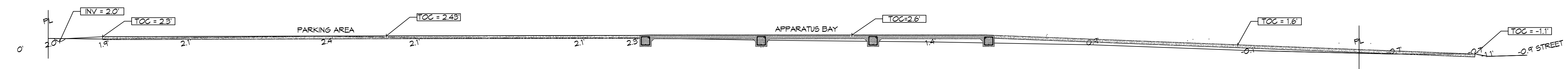
DRAWING NUMBER:
LS101

SHEET No: 4 of 37

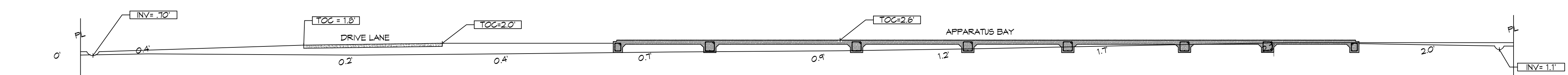
FILE NAME: S:\Projects\2015\15-0000\2015-0000.dwg DATE: 12/05/2015 10:00:00 AM



1 PAVING PLAN SCALE: 1\"/>



2 SITE PROFILE SCALE: 1\"/>



3 SITE PROFILE SCALE: 1\"/>

SITE DRAINAGE LEGEND

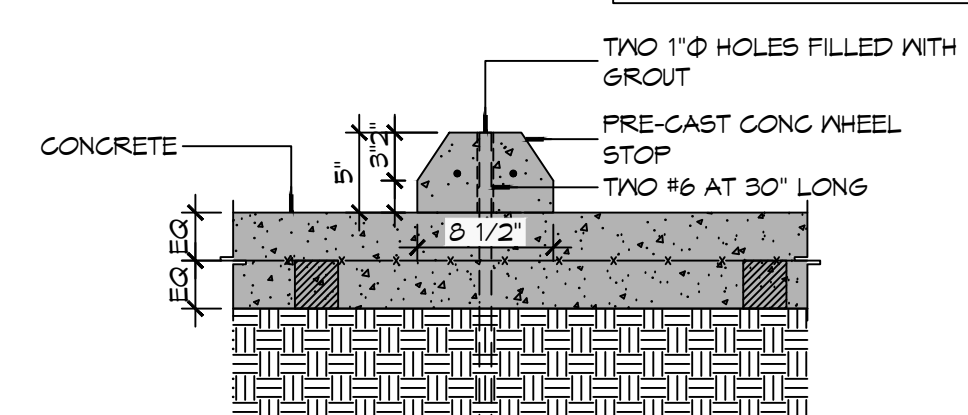
- PROPERTY LINE
TOP OF CONCRETE
TOP OF GRADE
INVERT OF PIPE
EXISTING ELEVATIONS
NEW SUBSURFACE DRAINAGE PIPE
DRAINAGE FLOW DIRECTION ARROWS

AREA OF FILL (CUBIC YARDS)

2,836 CUBIC YARDS

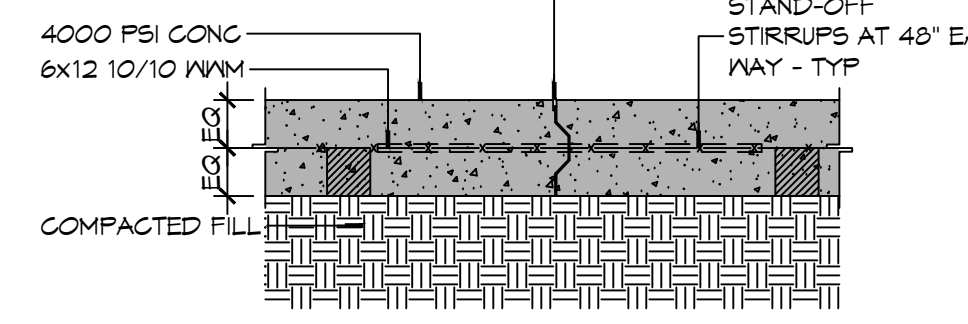
GENERAL NOTES

- 1. ALL NEW CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI AT 28 DAYS...
2. CONCRETE PAVING THICKNESS SHALL VARY AS FOLLOWS:
a. APRONS & LOADING AREAS = 8\"/>

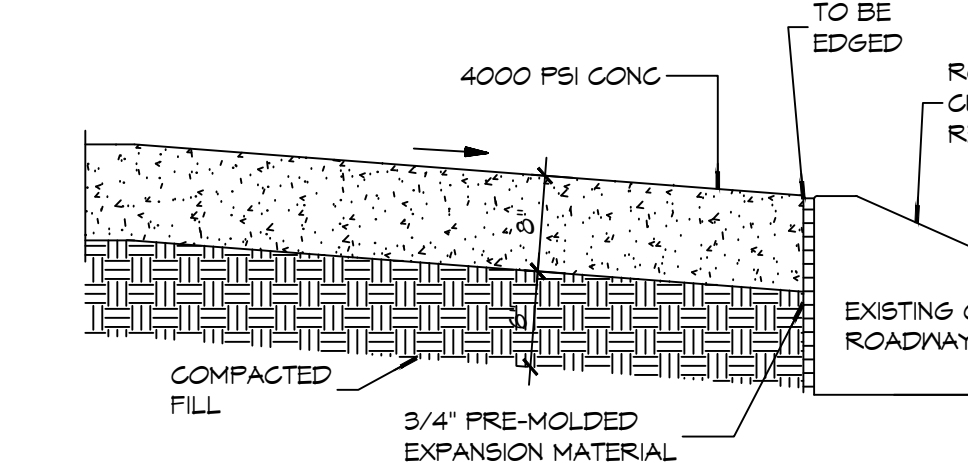


C TYPICAL WHEEL STOP

6\"/>



B TYPICAL PAVEMENT JOINT



A EXISTING PAVING TO NEW PAVING

NOTE: APRON SHALL BE MINIMUM 8\"/>

5 PAVING DETAIL SCALE: N.T.S.

DAMMON ENGINEERING, INC. LOUISIANA & MISSISSIPPI. Includes contact information for Brian Mistich, PE.

Table with columns for REVISIONS, #, DESCRIPTION, DATE.

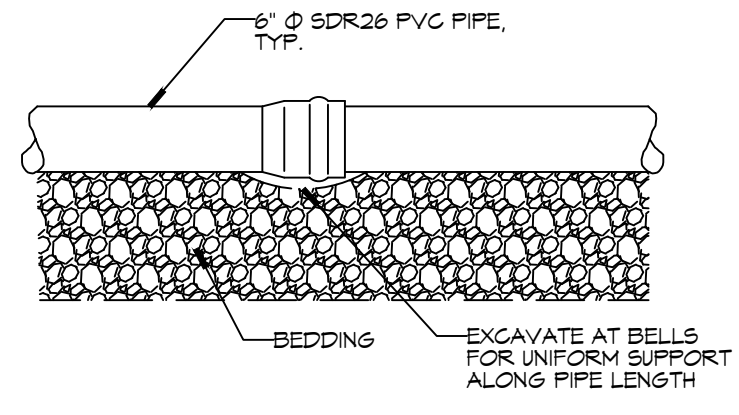


NEW FIRE STATION #10 ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1. 248 LAKESHORE VISTA BLVD, SLIDELL, LA 70461.

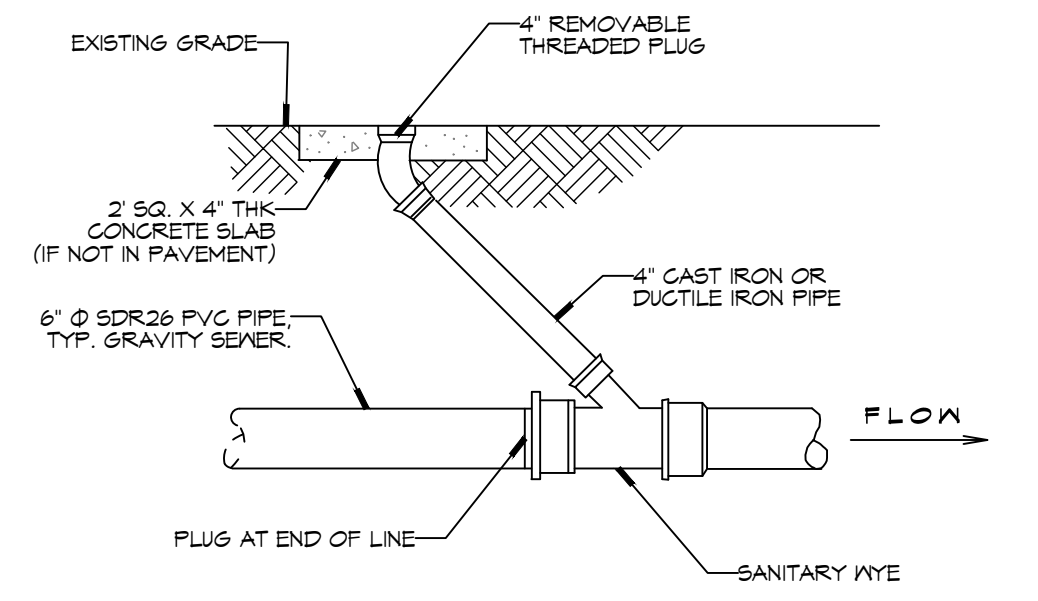
SHEET TITLE: DETAIL SITE GRADING AND PAVING PLAN, PAVING DETAILS. DRAWING NUMBER: C102. SHEET No: 6 of 37.

FILE NAME: C:\Users\dammon\OneDrive\Documents\C103 - The Village at Dammon\DWG\Sheet\C103-01a.dwg, PLOT DATE: 12/05/2025, PLOT TIME: 1:02:00 PM, PLOT BY: J. MISTICH

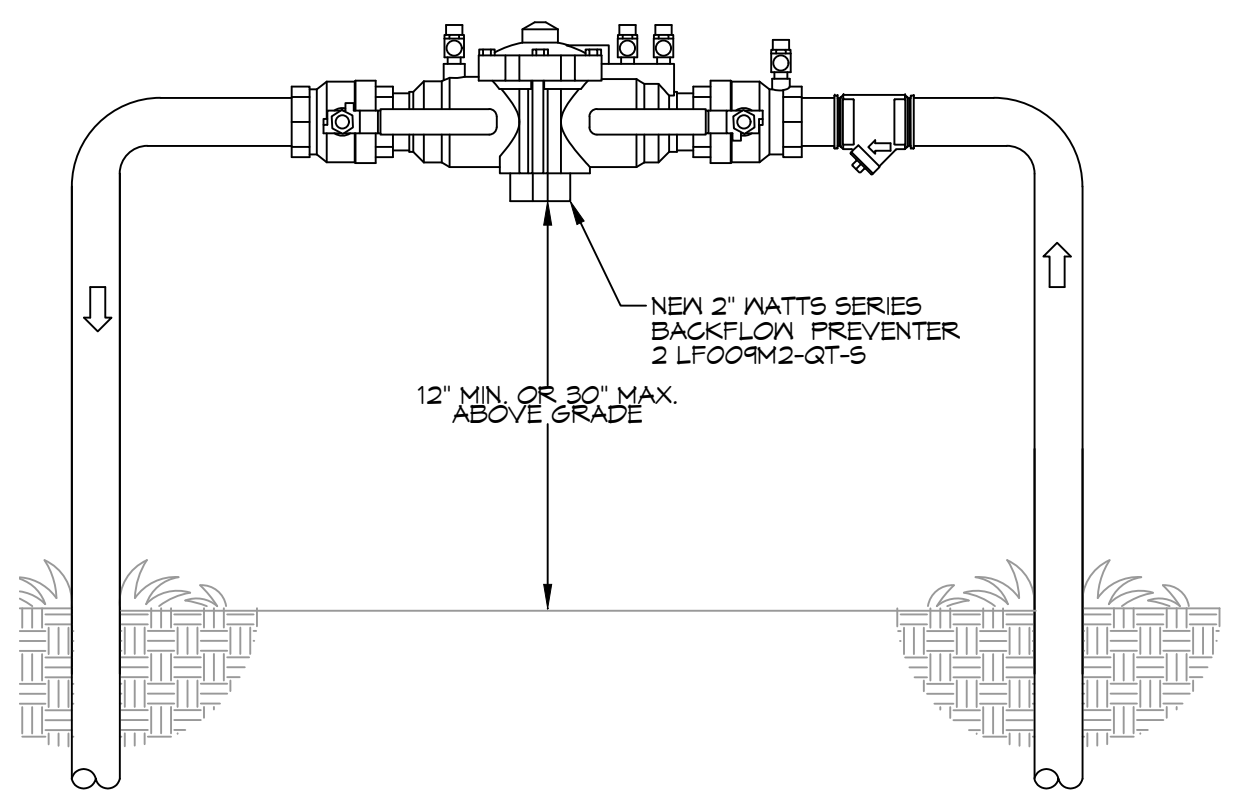
2 **DETAIL**
SCALE: N.T.S.



3 **DETAIL**
SCALE: N.T.S.



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



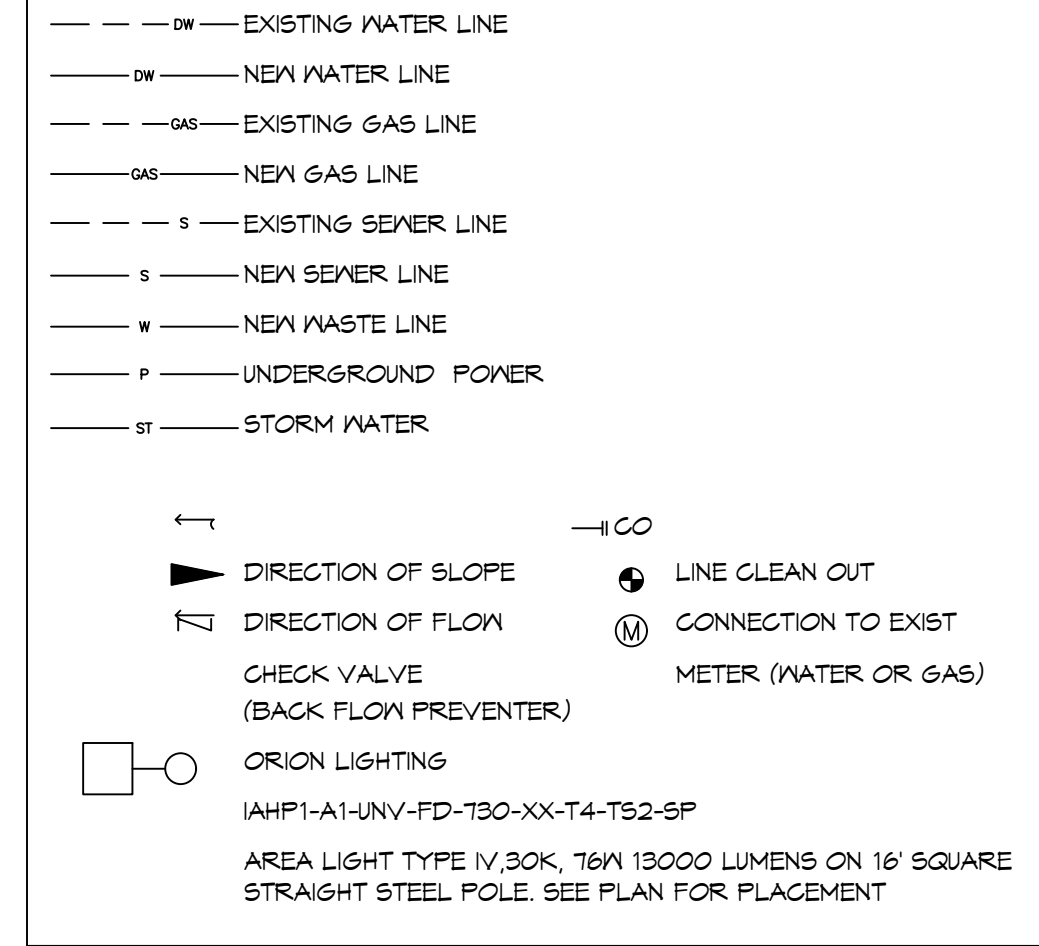
SITE LIGHTING

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.

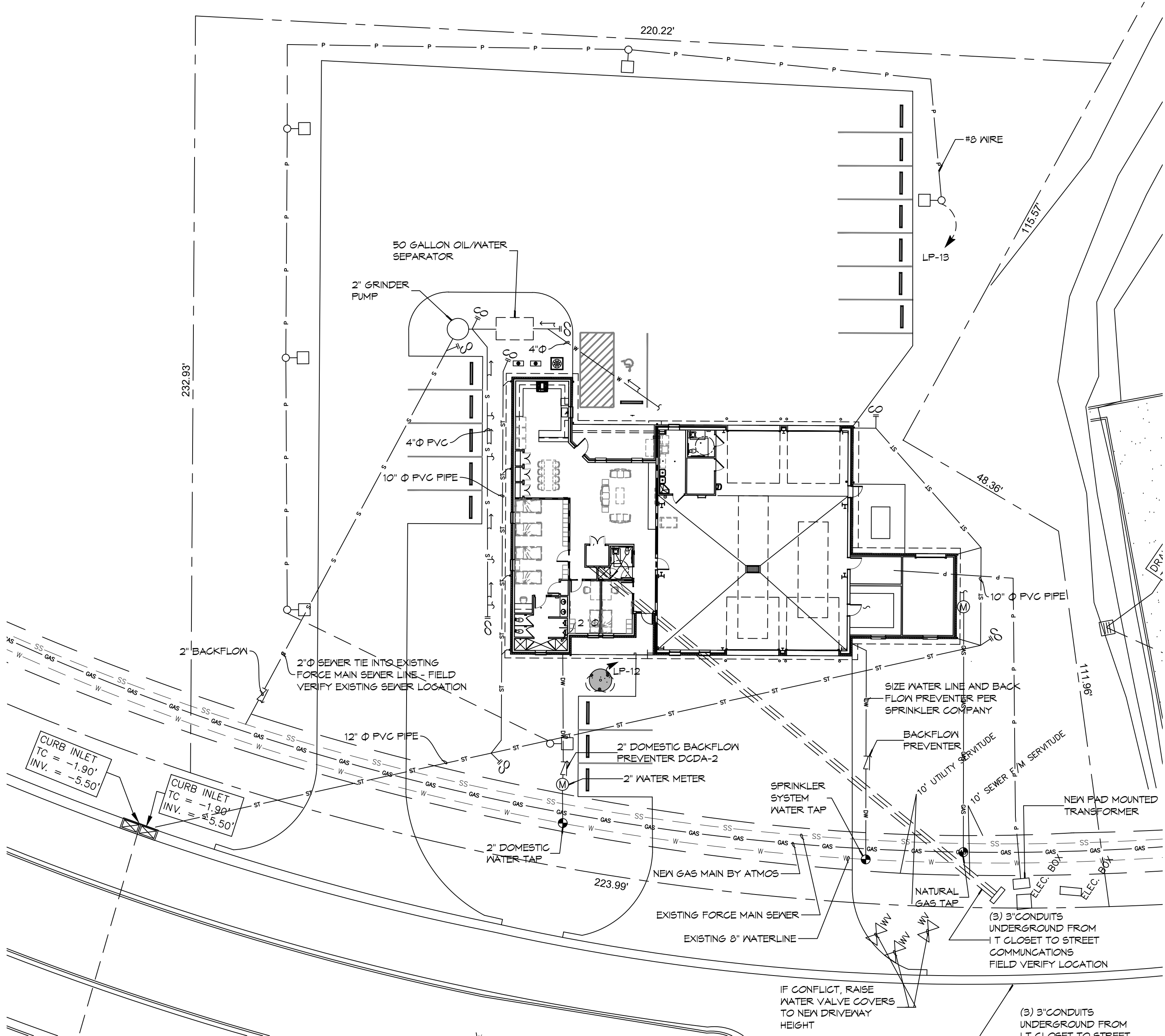
GENERAL SITE UTILITIES NOTES

- 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 UTILITIES 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.

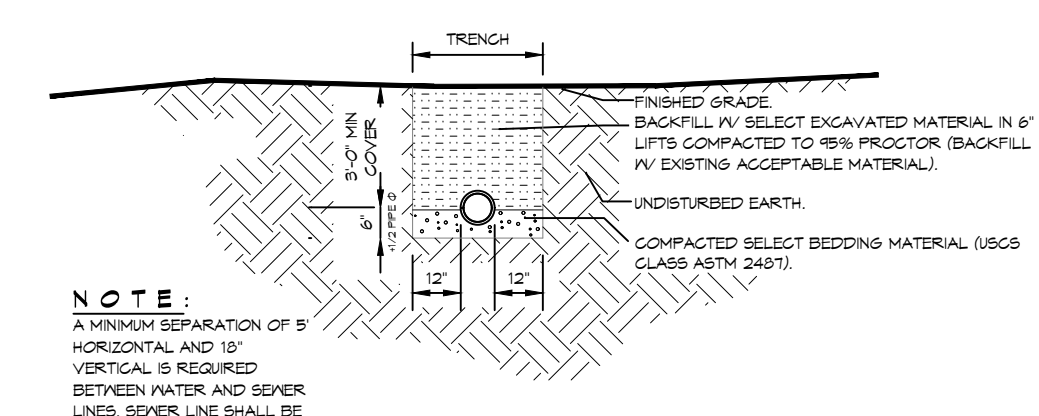
SITE UTILITIES LEGEND



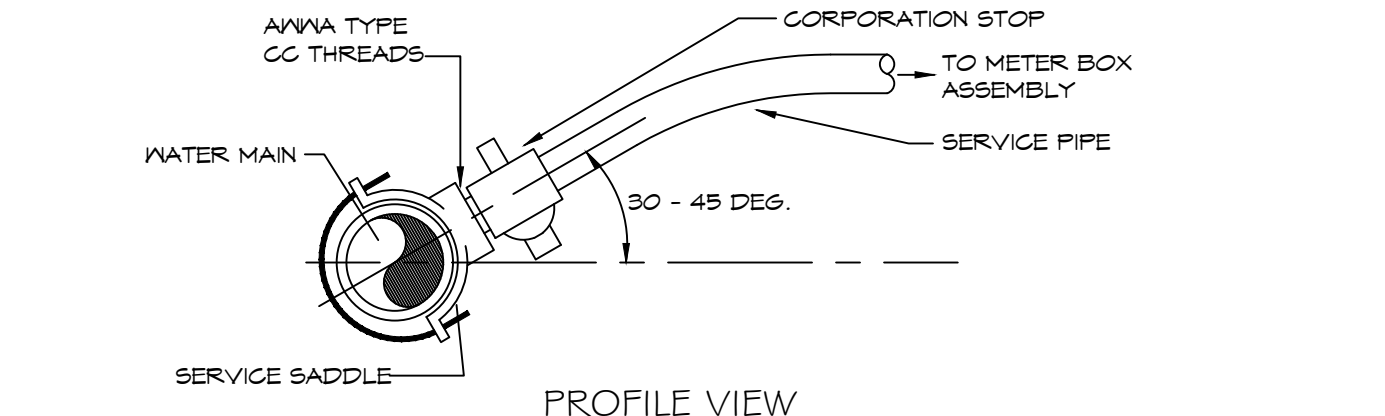
1 **SITE UTILITIES PLAN**
SCALE: 1" = 20'



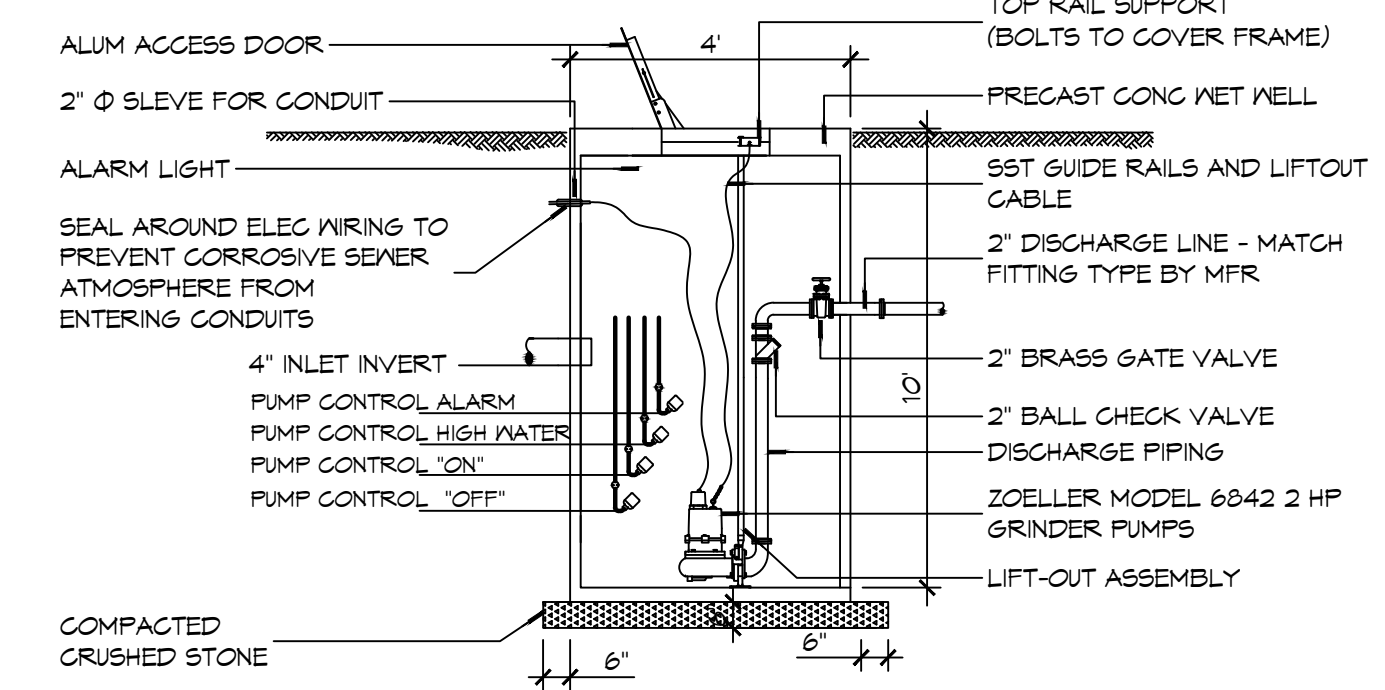
5 **DETAIL**
SCALE: N.T.S.



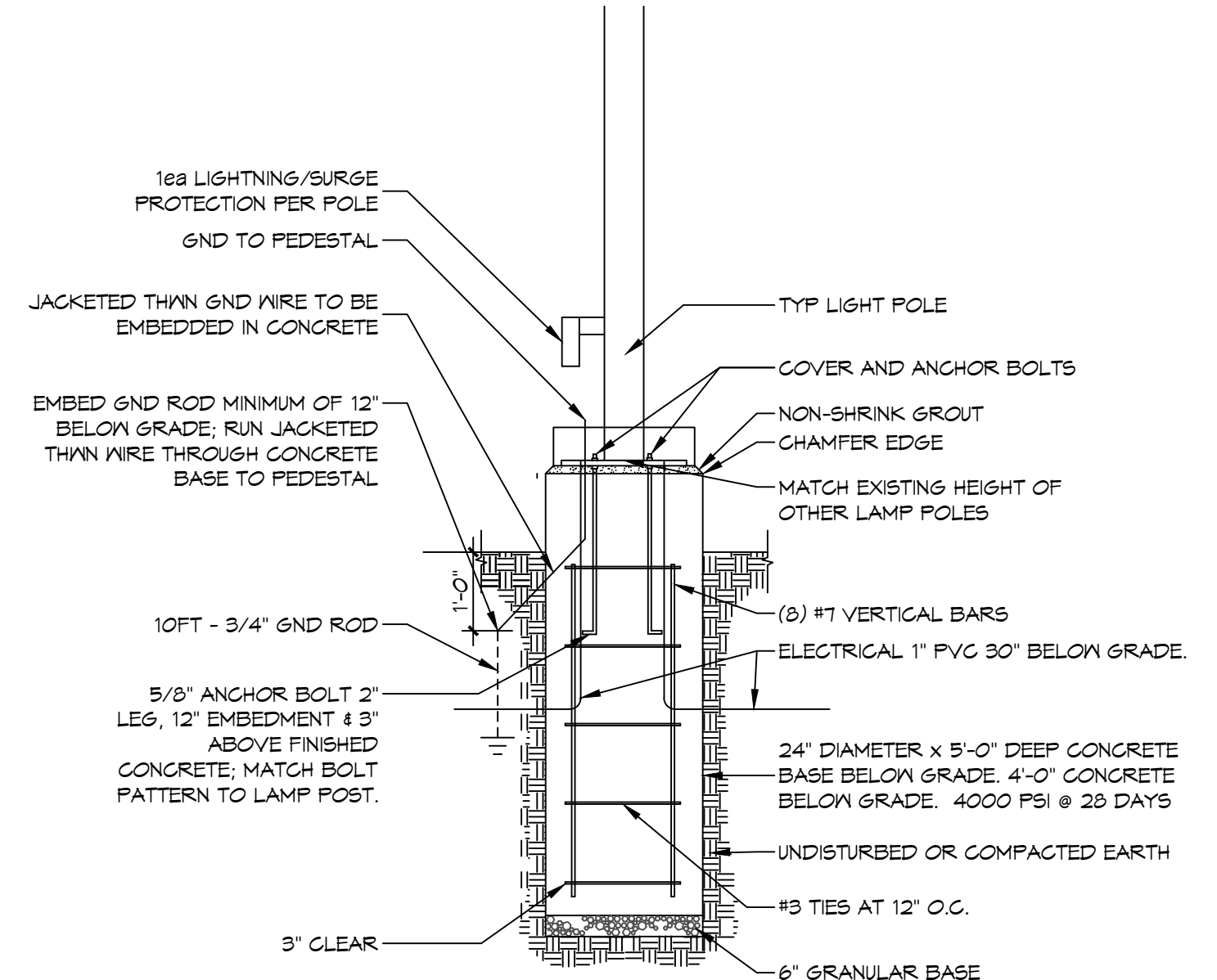
6 **WATER SERVICE CONNECTION**
SCALE: N.T.S.



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



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



CONTACT FOR ATMOS ENERGY
 Kathleen A DuFour
 Account Representative
 Atmos Energy Corporation
 Louisiana Division
 985-373-9111 Cell
 kathleen.dufour@atmosenergy.com

CONTACT FOR MAGNOLIA WATER
 Steve Ernst
 Director, Louisiana Regulatory Relations
 Email: sernst@swrgroup.com
 M:(985) 640-1355

DAMMON ENGINEERING, INC.
LOUISIANA & MISSISSIPPI

Chief Engineer: Brian Mistich, 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**

2148 LAKESHORE VISTA BLVD
 SLIDELL, LA 70461
 JOB No: 2519
 DATE: 12-05-2025
 DRAWN BY: BKJ
 CHECKED BY: GKD

SHEET TITLE:
 SITE PLAN - SITE UTILITIES AND DETAILS

DRAWING NUMBER:

C103

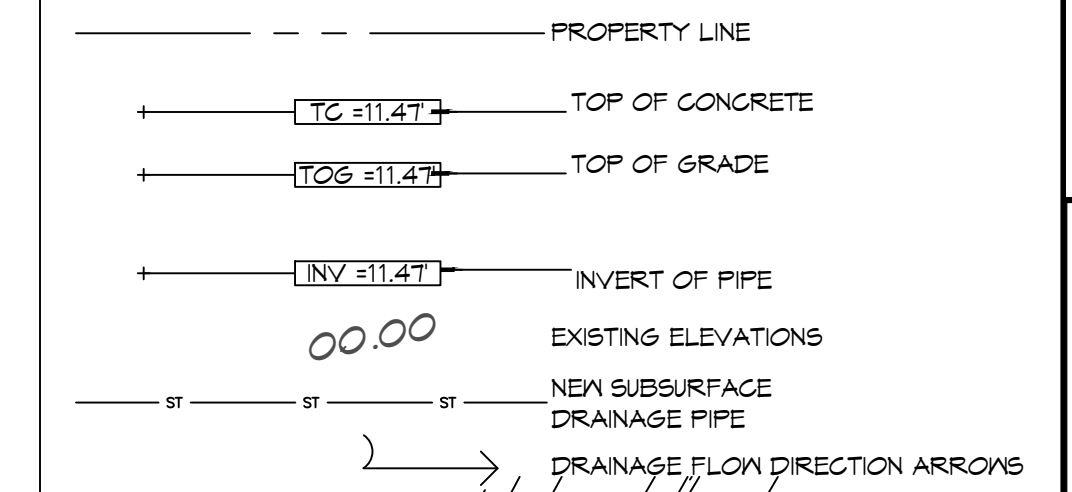
SHEET No: 7 of 31

FILE NAME: A:\Projects\2025\12-05-2025\12-05-2025\12-05-2025.dwg
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 PLOT SCALE: 1/8"=1'-0"
 PLOT DEVICE: HPGL
 PLOT STATUS: OK
 PLOT TIME: 12/05/2025 10:00:00 AM

GENERAL SITE DRAINAGE NOTES

- DRAIN PIPE(S) ALONG AIRPORT MUST BE THE BELL AND SPIGOT TYPE WITH "O" RING RUBBER GASKETS. THE BELLS OF THE PIPES SHALL BE LAID UPSTREAM. ALL JOINTS SHALL BE WRAPPED WITH GEOTEXTILE FABRIC. ALL PIPES SHALL REQUIRE A 3" COMPACTED SAND OR LIMESTONE BASE.
- REMOVE DEBRIS AND CLEAN BOTTOM OF DITCHES DOWN 6" IN DEPTH - REPLACE ANY BROKEN/CRUSHED PIPES OR CULVERTS WITH SAME SIZE AND TYPE.
- DRAIN PIPE AND FITTINGS WITHIN PROPERTY LINE SHALL BE POLYVINYL CHLORIDE PLASTIC PIPE, MEETING CLASS 100 C-400 PVC.
- ELEVATIONS SHOWN ARE M.S.L.
- FIELD VERIFY ALL ELEVATIONS AND AND DRAINAGE SYSTEM PLACEMENT PRIOR TO START OF WORK.
- PROVIDE VERTICAL ELBOW AT DOWNSPOUTS FOR CONNECTION TO SURFACE DRAINAGE WHERE INDICATED. ELBOW ID SHALL BE SIZED SUCH THAT THE DOWNSPOUT CAN BE INSERTED INTO THE PIPE OPENING.

SITE DRAINAGE LEGEND



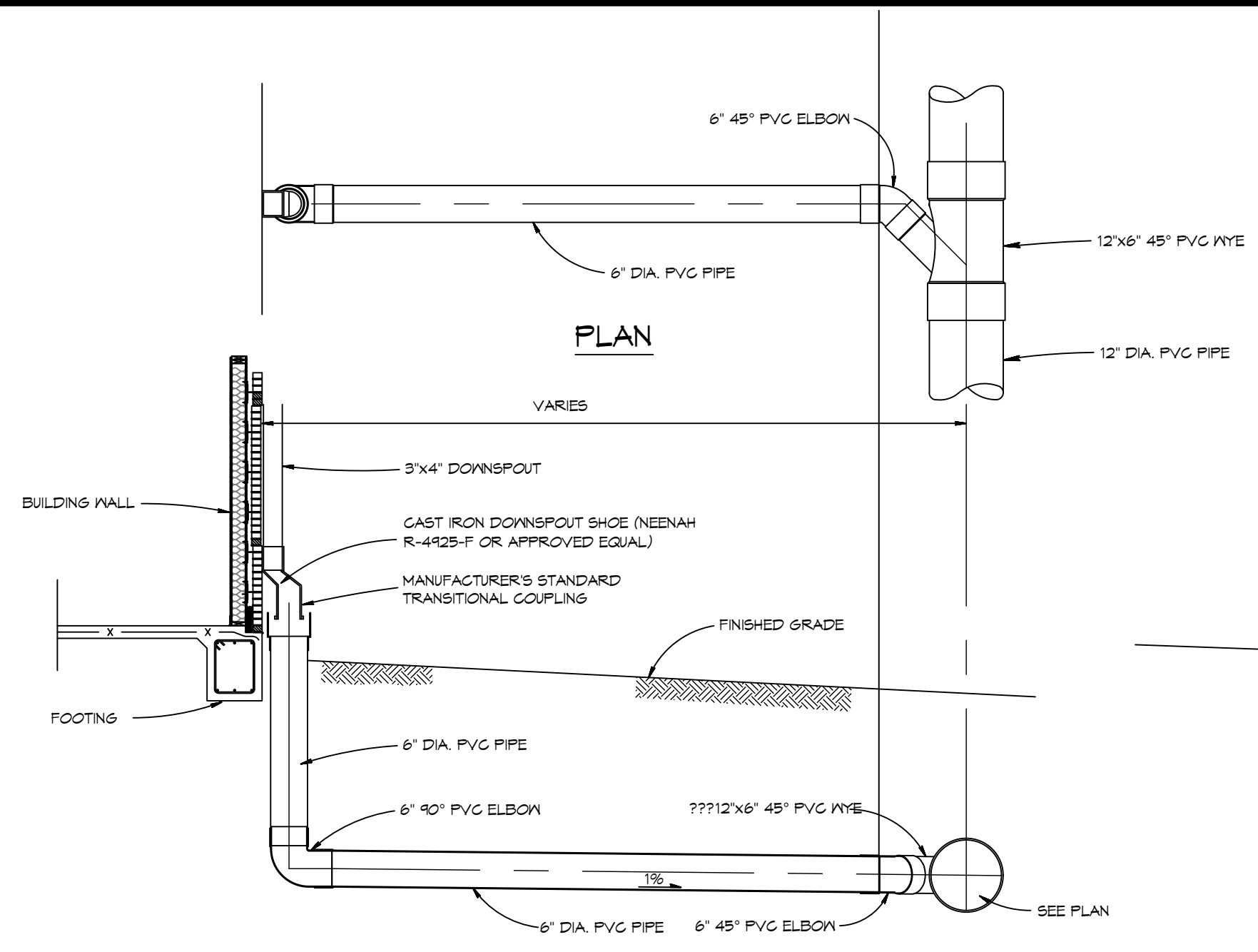
DAMMON ENGINEERING, INC.
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#	DESCRIPTION	DATE

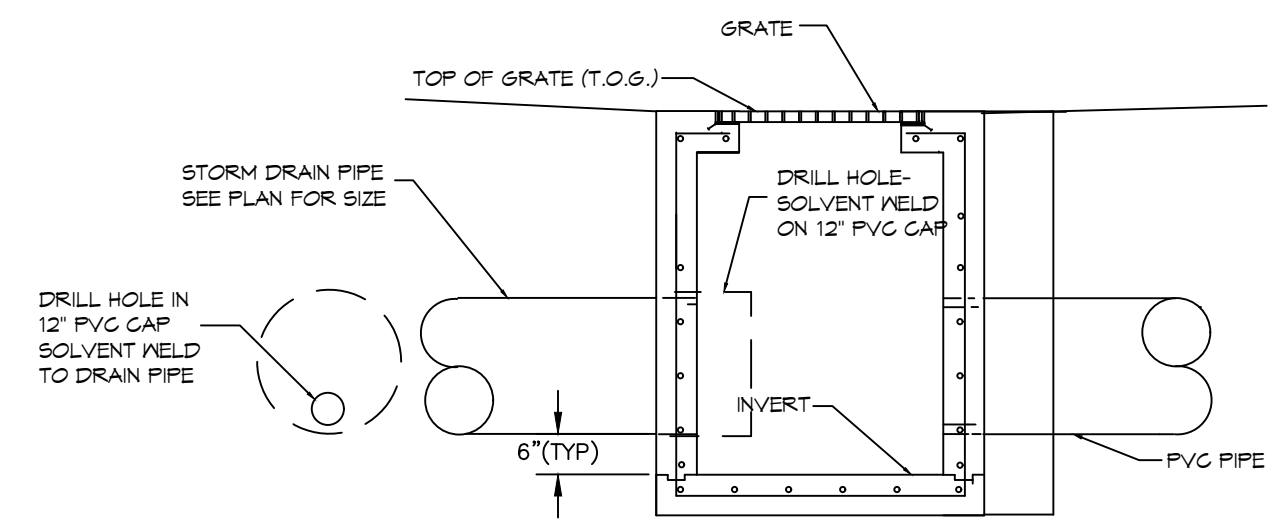


NEW FIRE STATION #10
 ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1
 2148 LAKESHORE VISTA BLVD
 SLIDELL, LA 70461
 JOB NO: 2519 DATE: 12-05-2025
 DRAWN BY: CKD CHECKED BY: BAK

SHEET TITLE:
 SITE PLAN - DRAINAGE AND DETAILS
 DRAWING NUMBER:
C104
 SHEET No: 6 of 37



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

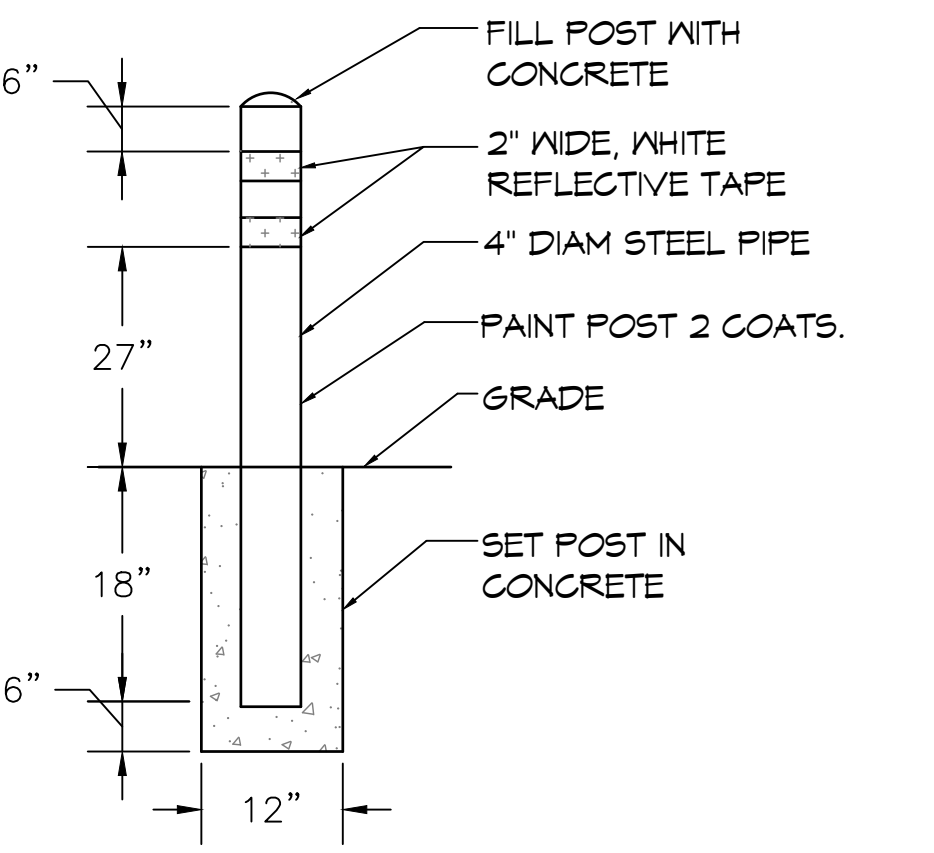


7 DETAIL
SCALE: N.T.S.

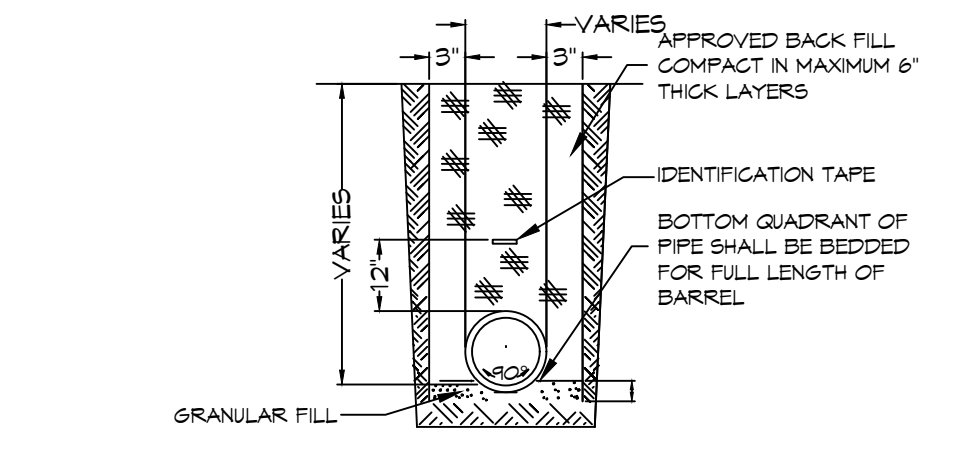
NOTE: SEE PLUMBING FIXTURE SCHEDULE DRAWING P103 FOR MODEL NUMBER OF CATCH BASIN.

5 DETAIL
SCALE: N.T.S.

TYPICAL SWALE

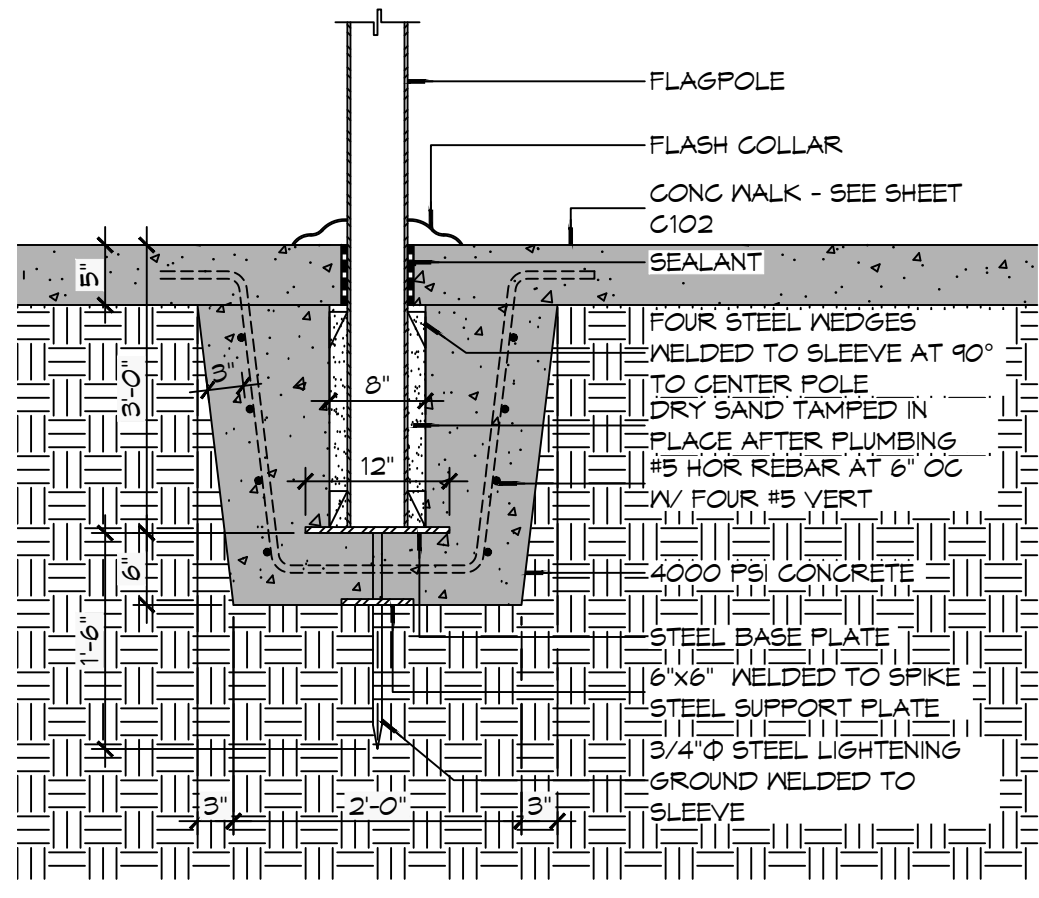


3 DETAIL
SCALE: 3/4" = 1'-0"

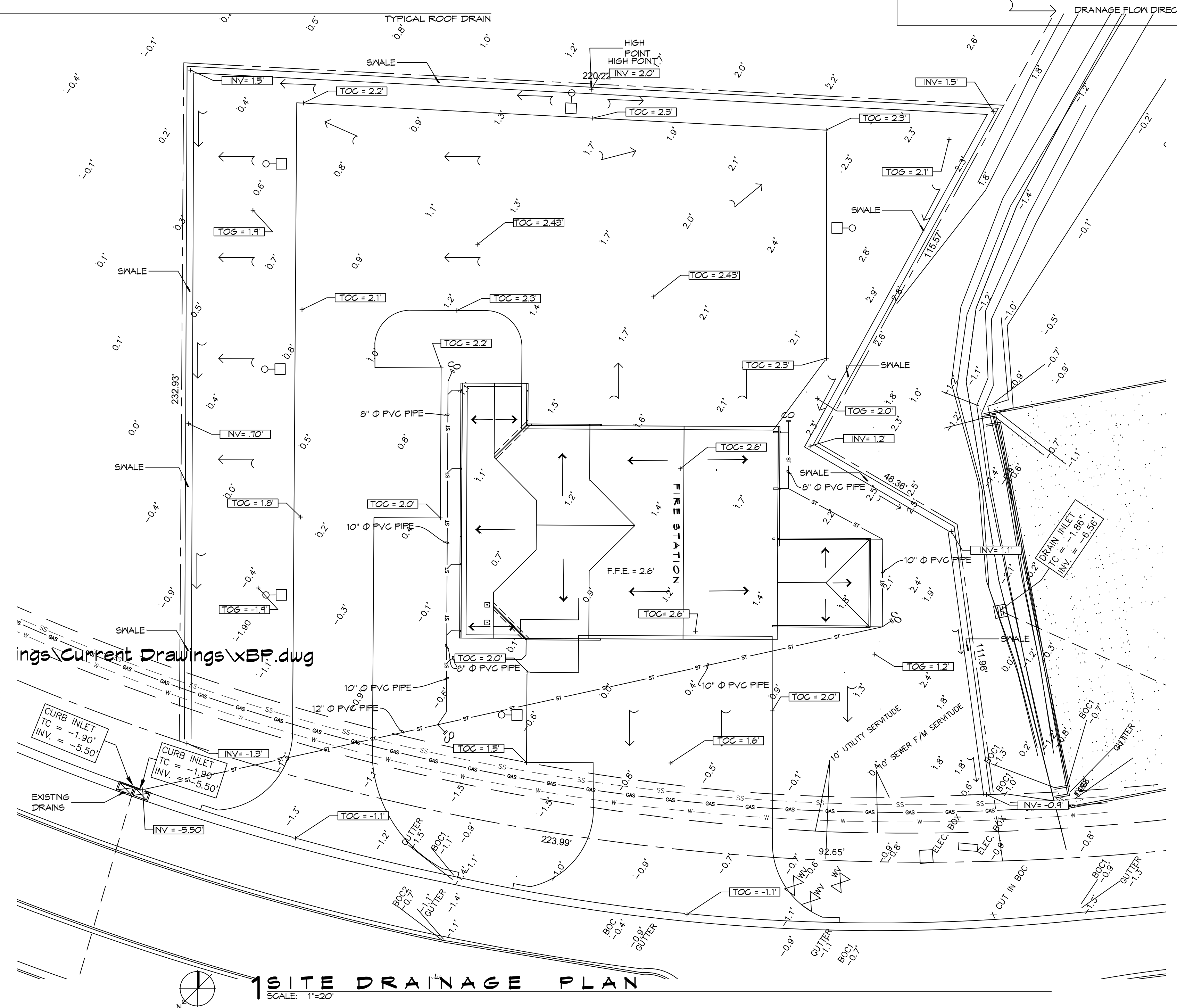


NOTES:
 1) DRAIN PIPE & FITTINGS SHALL BE POLYVINYL CHLORIDE PLASTIC PIPE, MEETING CLASS 100 C-400 PVC.
 2) ELEVATIONS SHOWN ARE M.S.L.

4 DETAIL
SCALE: N.T.S.



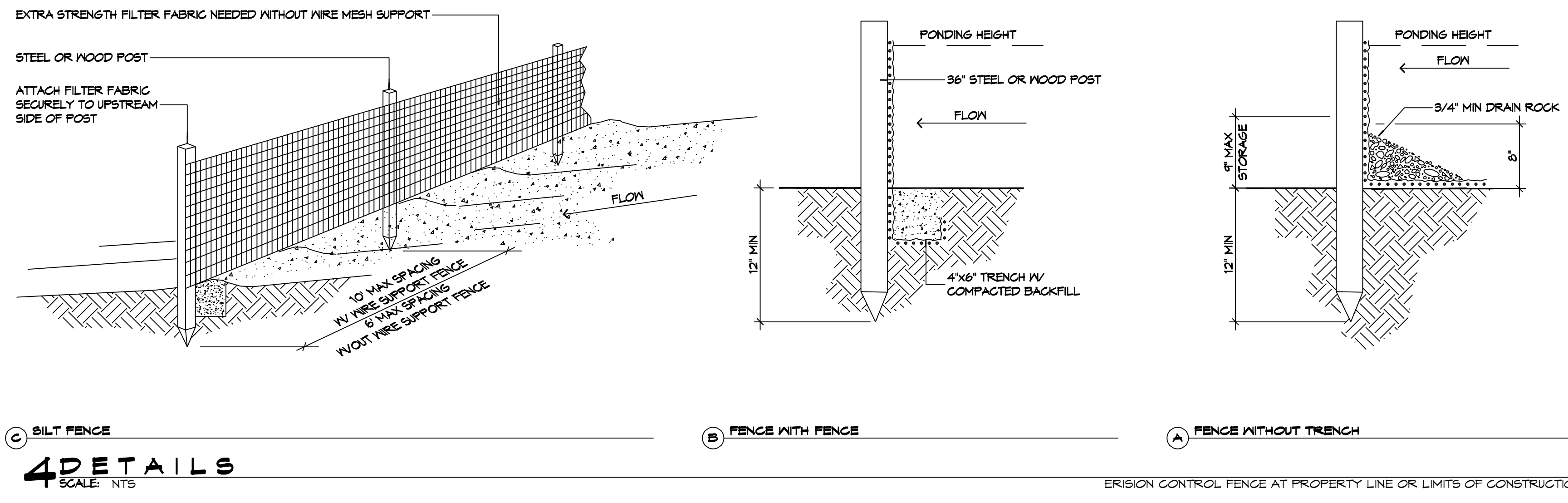
2 DETAIL
SCALE: 3/4" = 1'-0"



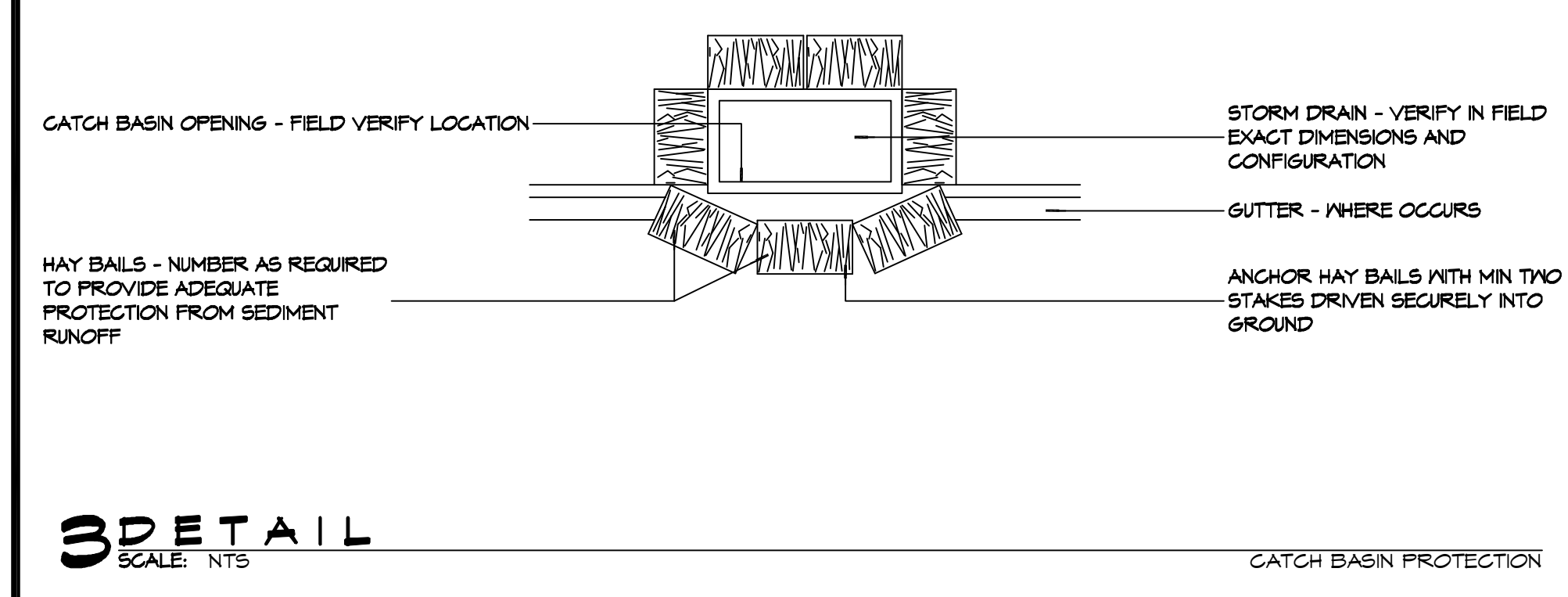
1 SITE DRAINAGE PLAN
SCALE: 1/8" = 1'-0"

ings Current Drawings xBFD.dwg

FILE NAME: A:\1 - General\2015 - The Station (11/20/2015)\General\2015-010 - Station Control Plan & Details.dwg PLOT DATE: 8/28/16 PLOTTED BY: JMM



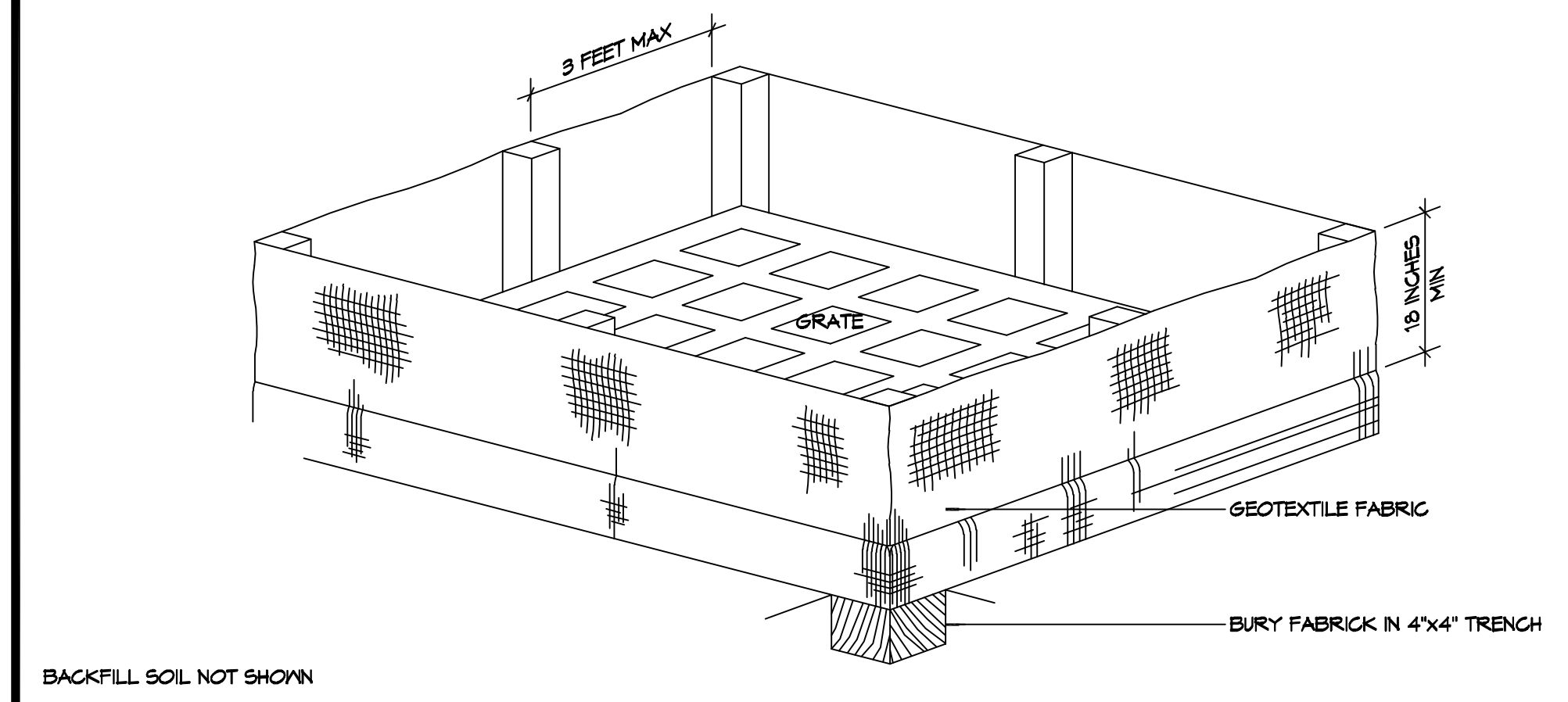
4 DETAILS
SCALE: NTS



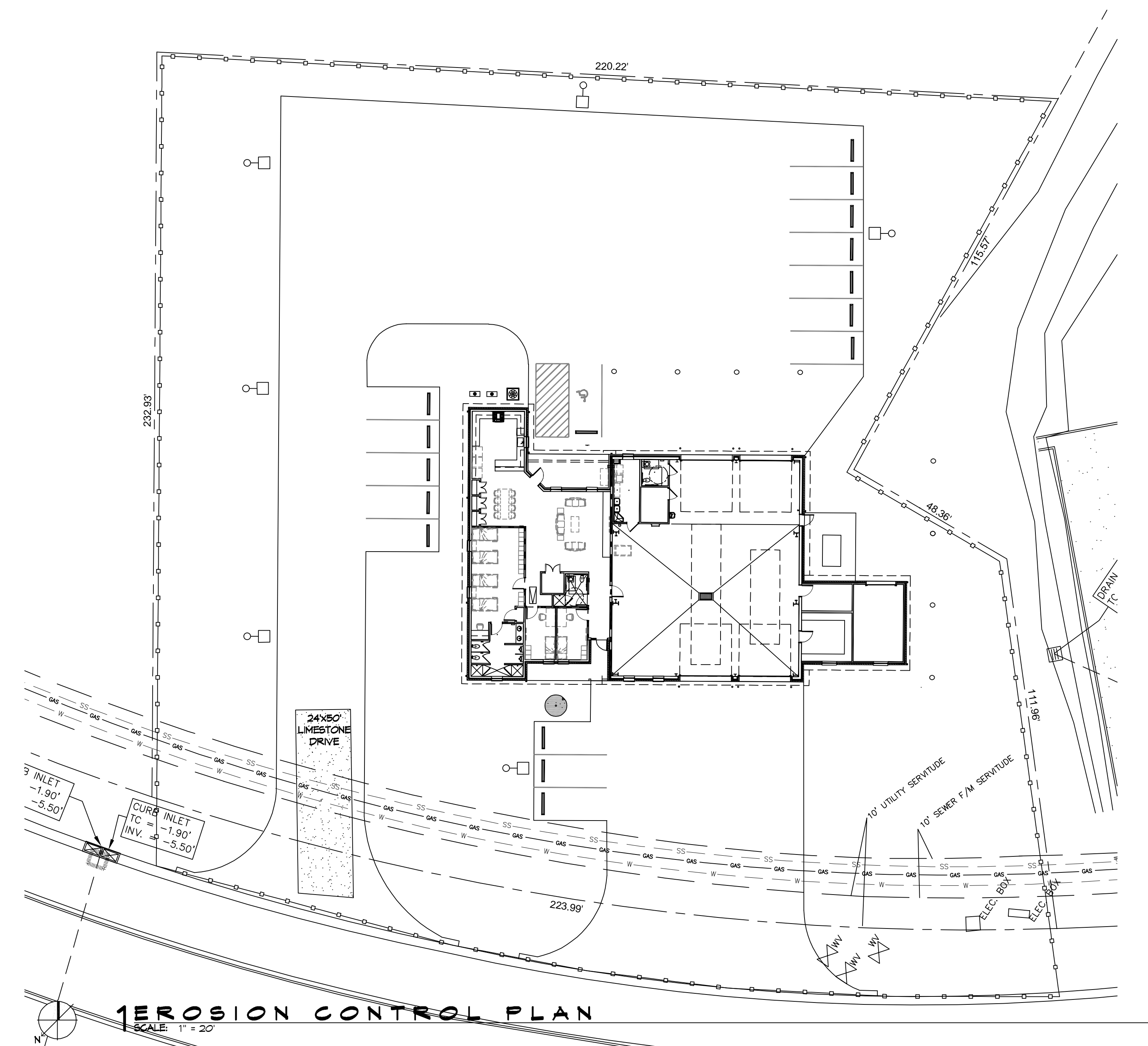
3 DETAIL
SCALE: NTS

EROSION CONTROL FENCE NOTES:
 THE TEMPORARY DROP INLET SILT TRAP IS TO BE USED IN SMALL DRAINAGE AREAS (LESS THAN 1 ACRE) WHERE THE STORM DRAIN IS FUNCTIONAL BEFORE THE AREA IS STABILIZED. THE TRAP CAN BE EITHER GEOTEXTILE FABRIC OR HAY BALES.

1. THE GEOTEXTILE FABRIC SHALL CONFORM TO SECTION 1019 (TYPE G) OF THE LA DOTD STANDARD SPECIFICATIONS.
2. WOODEN STAKES SUPPORTING THE FABRIC SHALL BE SPACED AROUND THE INLET AT A MAXIMUM SPACING OF 3 FEET.
3. THE HEIGHT OF THE FABRIC ABOVE THE INLET SHALL BE LIMITED TO 1'-6" AND THE BOTTOM OF THE FABRIC SHALL BE BURIED IN A TRENCH APPROXIMATELY 4" WIDE BY 4" DEEP. THE FABRIC SHALL BE STAPLED TO POST WITH 1/2" STAPLES.
4. THE TRAP SHOULD BE INSPECTED REGULARLY AND AFTER EACH STORM. THE SEDIMENT SHOULD BE REMOVED AND MAKE SURE EACH STAKE IS FIRMLY IN THE GROUND.



2 DETAIL
SCALE: NTS



1 EROSION CONTROL PLAN
SCALE: 1" = 20'

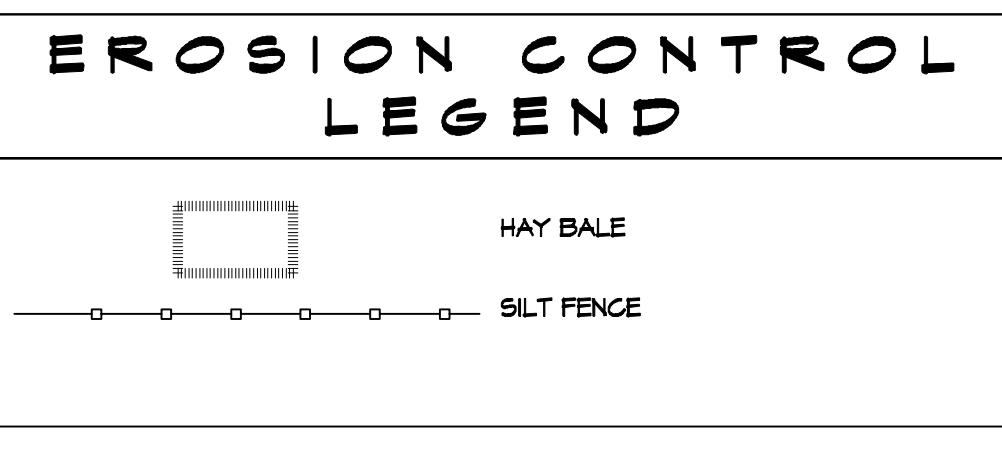
GENERAL EROSION CONTROL NOTES

1. ALL APPLICABLE EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE IN PLACE PRIOR TO ANY GRADING OPERATION AND/OR INSTALLATION OF PROPOSED STRUCTURES OR UTILITIES.
2. SOIL EROSION AND SEDIMENT CONTROL PRACTICES ON THIS PLAN SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARDS OF THE AUTHORITY HAVING JURISDICTION.
3. APPLICABLE EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE LEFT IN PLACE UNTIL CONSTRUCTION IS COMPLETED AND/OR THE AREA IS STABILIZED.
4. THE CONTRACTOR SHALL PERFORM ALL WORK, FURNISH ALL MATERIALS, AND INSTALL ALL MEASURES REQUIRED TO REASONABLY CONTROL THE SOIL EROSION RESULTING FROM CONSTRUCTION OPERATIONS AND PREVENT EXCESSIVE FLOW OF SEDIMENT FROM THE CONSTRUCTION SITE.
5. ANY DISTURBED AREA THAT IS TO BE LEFT EXPOSED FOR MORE THAN THIRTY (30) DAYS AND NOT SUBJECT TO CONSTRUCTION TRAFFIC SHALL IMMEDIATELY RECEIVE A TEMPORARY SEEDING AND FERTILIZATION IN ACCORDANCE WITH THE AUTHORITY HAVING JURISDICTION'S STANDARDS.
6. THE SITE SHALL BE AT ALL TIMES BE GRADED AND MAINTAINED SUCH THAT ALL STORMWATER RUNOFF IS DIVERTED TO SOIL EROSION AND SEDIMENT CONTROL FACILITIES.
7. ALL CATCH BASIN INLETS SHALL BE PROTECTED IN ACCORDANCE WITH THESE PLANS.
8. 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.

SILT FENCE INSTALLATION NOTES

1. THE BASE OF BOTH END POSTS MUST BE AT LEAST 2'-4" ABOVE THE TOP OF THE SILT FENCE FABRIC ON THE MIDDLE POSTS FOR DITCH CHECKS TO DRAIN PROPERLY. USE A HAND LEVEL OR STRING LEVEL, IF NECESSARY, TO MARK BASE POINTS BEFORE INSTALLATION.
2. INSTALL POSTS 3 - 4 FEET APART IN CRITICAL WATER RETENTION AREAS AND 6 - 7 FEET APART ON STANDARD APPLICATIONS.
3. INSTALL POSTS 24" DEEP ON THE DOWNSTREAM SIDE OF THE SILT FENCE, AND AS CLOSE AS POSSIBLE TO THE FABRIC, ENABLING POSTS TO SUPPORT THE FABRIC FROM UPSTREAM WATER PRESSURE.
4. INSTALL POSTS WITH THE NIPPLES FACING AWAY FROM THE SILT FENCE FABRIC.
5. ATTACH THE FABRIC TO EACH POST WITH THREE TIES, ALL SPACED WITHIN THE TOP 8" OF THE FABRIC. ATTACH EACH TIE DIAGONALLY 45° THROUGH THE FABRIC, WITH EACH PUNCTURE AT LEAST 1" VERTICALLY APART. ADDITIONALLY, EACH TIE SHOULD BE POSITIONED TO HANG ON A POST NIPPLE WHEN TIGHTENED TO PREVENT SAGGING.
6. WRAP APPROXIMATELY 6" OF FABRIC AROUND THE END POSTS AND SECURE WITH 3 TIES.
7. NO MORE THAN 24" OF A 36" FABRIC IS ALLOWED ABOVE GROUND LEVEL.
8. THE INSTALLATION SHOULD BE CHECKED AND CORRECTED FOR ANY DEVIATIONS BEFORE COMPACTION. USE A FLAT-BLADED SHOVEL TO TUCK FABRIC DEEPER INTO THE SILT IF NECESSARY.
9. COMPACTION IS VITALLY IMPORTANT FOR EFFECTIVE RESULTS. COMPACT THE SOIL IMMEDIATELY NEXT TO THE SILT FENCE FABRIC WITH THE FRONT WHEEL OF THE TRACTOR, SKID STEER, OR ROLLER EXERTING AT LEAST 60 PSI OF PRESSURE. COMPACT THE UPSTREAM SIDE FIRST, AND THEN EACH SIDE TWICE FOR A TOTAL OF FOUR TRIPS.
10. SILT FENCE SHALL BE PLACED ON SLOPE CONTOURS TO MAXIMIZE PONDING EFFICIENCY.
11. INSPECT AND REPAIR FENCE AFTER EACH STORM EVENT AND REMOVE SEDIMENT WHEN NECESSARY. NINE INCH MAXIMUM RECOMMENDED STORAGE HEIGHT.
12. REMOVED SEDIMENT SHALL BE DEPOSITED TO AN AREA THAT WILL NOT CONTRIBUTE SEDIMENT OFF-SITE AND CAN BE PERMANENTLY STABILIZED.

EROSION CONTROL LEGEND



DAMMON ENGINEERING, INC.
 LOUISIANA & MISSISSIPPI
 Chief Engineer: Brian Mistich, PE
 554 Old Spanish Trail
 Slidell, LA 70458
 www.dammonengineering.com
 info@dammonengineering.com
 PH: 985.649.5332

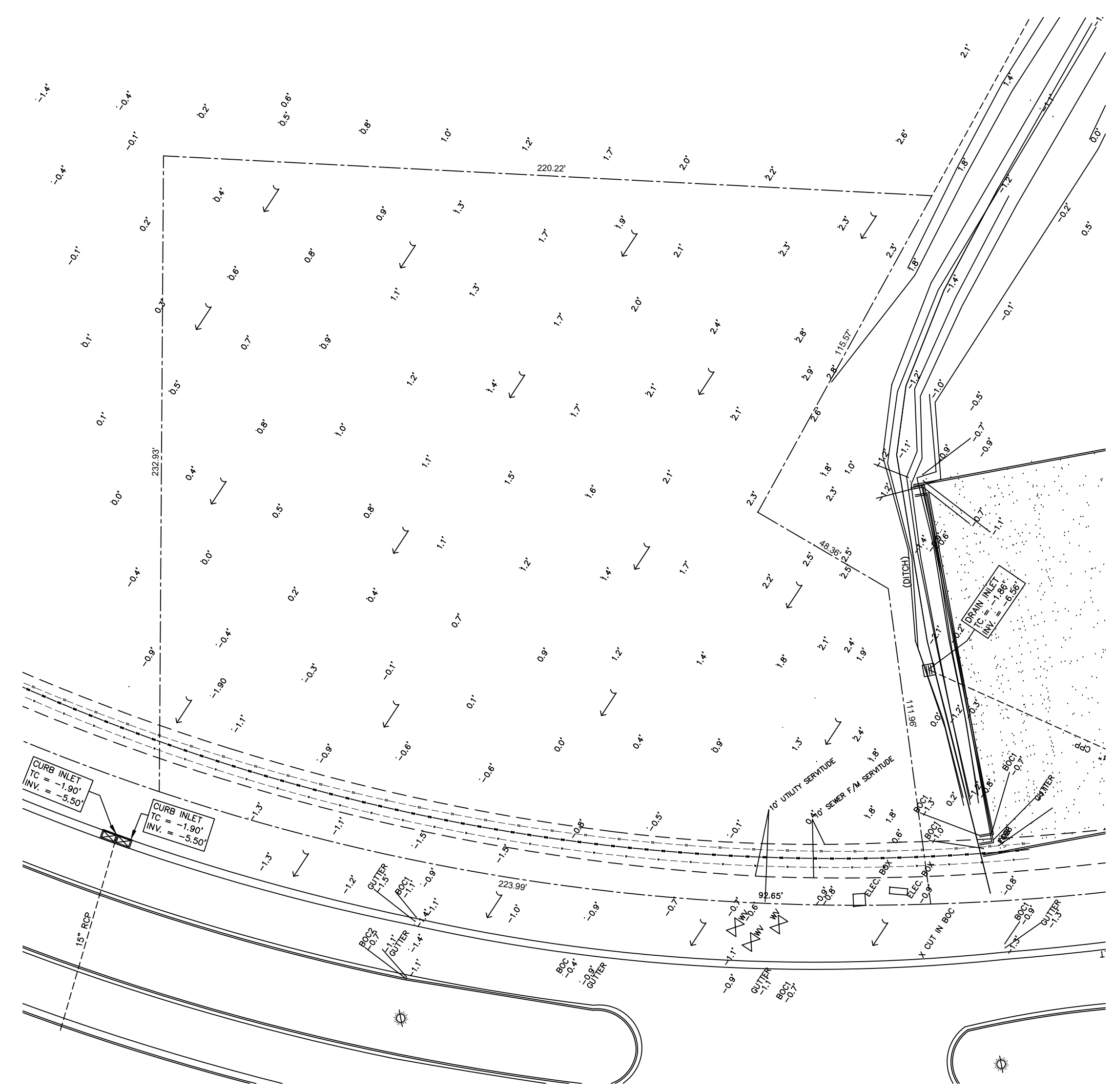
#	DESCRIPTION	DATE

SEAL:

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: BAW

SHEET TITLE:
 SITE PLAN - EROSION CONTROL AND DETAILS
 DRAWING NUMBER:
C105
 SHEET No: 9 of 37

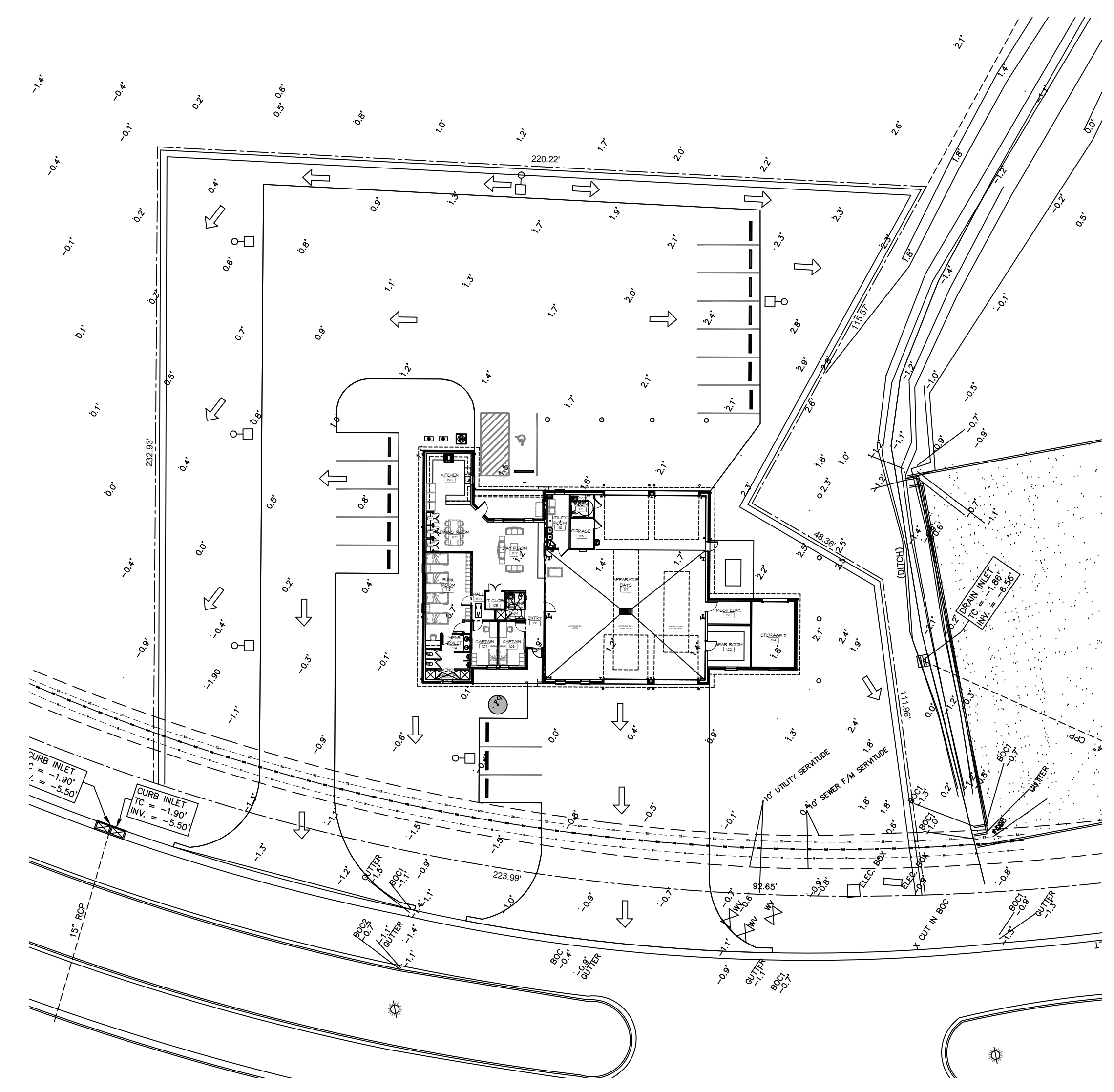
FILE NAME: C:\Users\dammon\OneDrive - The Dammon Group\Documents\Drawings\C106 - Pre and Post.dwg PLOT DATE: 12/28/2025 12:05:25 PM



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

PRE HARD & GREEN SPACE

EXISTING AREA - 1.154 ACRES = 50,491 SQ. FT.
 GREEN AREA = 50,491 SQ. FT.



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

POST HARD & GREEN SPACE

EXISTING AREA - 1.154 ACRES = 50,491 SQ. FT.
 BUILDING AREA = 6,526 SQ. FT.
 CONCRETE PAVING AREA = 22,885 SQ. FT.
 GREEN AREA = 21,080 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

DAMMON

ENGINEERING, INC.
 LOUISIANA & MISSISSIPPI

Chief Engineer: Brian Mistich, PE
 554 Old Spanish Trail
 Slidell, LA 70458
 www.dammonengineering.com
 info@dammonengineering.com
 PH: 985.649.3832

#	DATE

SEAL:

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

2745 LAKESHORE VISTA BLVD
 SLIDELL, LA 70461

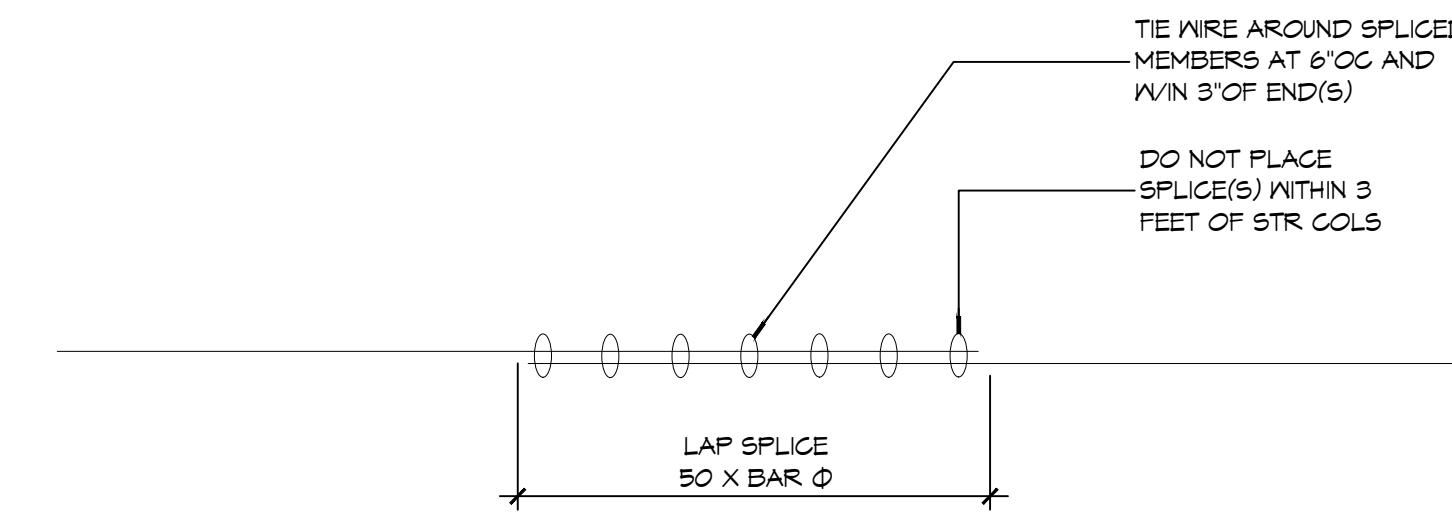
JOB No: 2516 | DATE: 12-05-2025
 DRAWN BY: BAW | CHECKED BY: CKD

SHEET TITLE:
 PRE AND POST DEVELOPMENT

DRAWING NUMBER:
C106

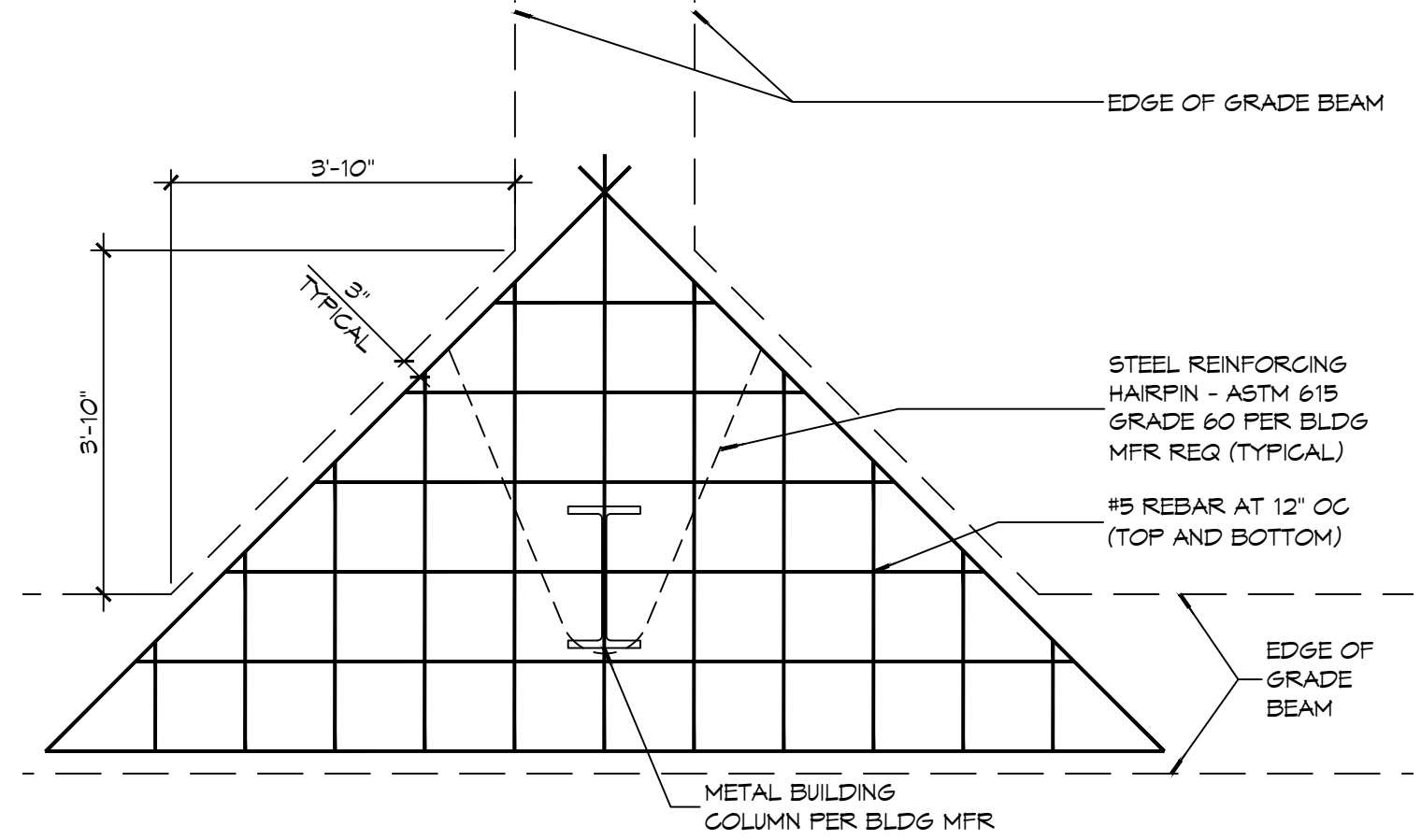
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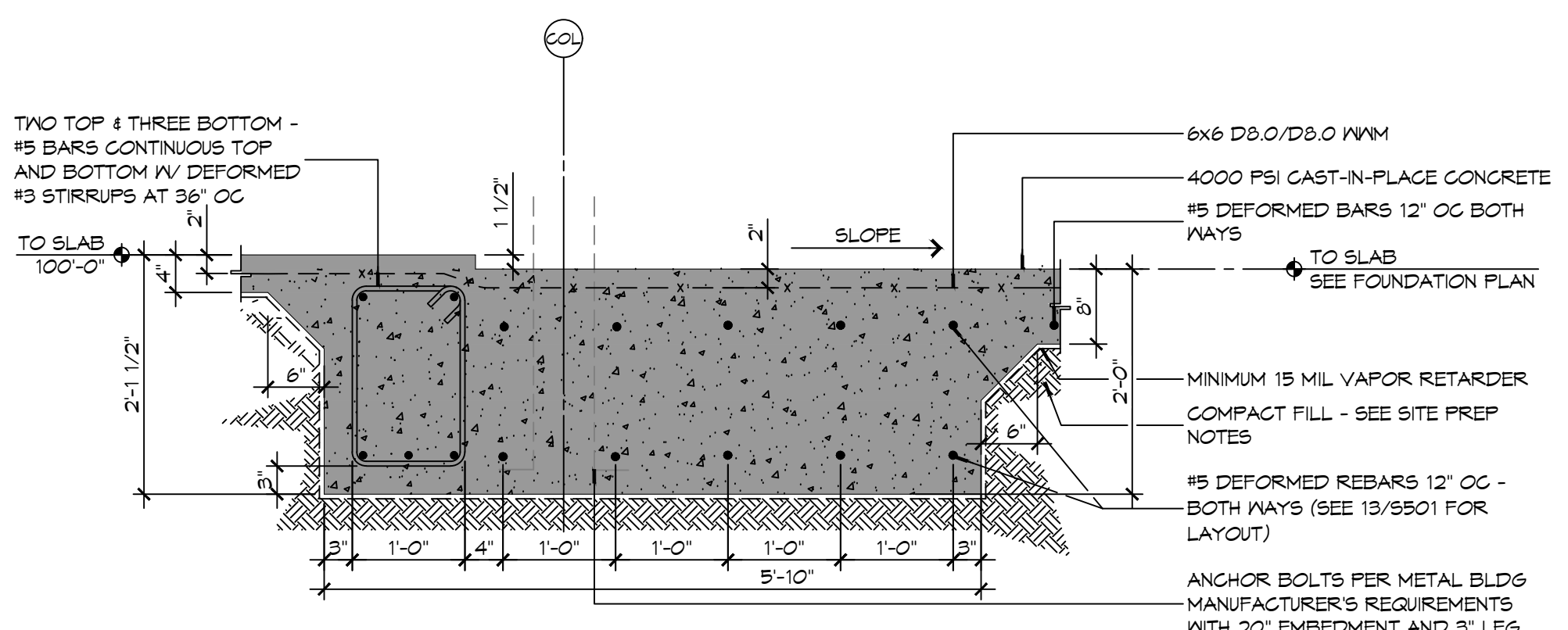
14 FOUNDATION DETAIL

SCALE: NTS



13 FOUNDATION DETAIL

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

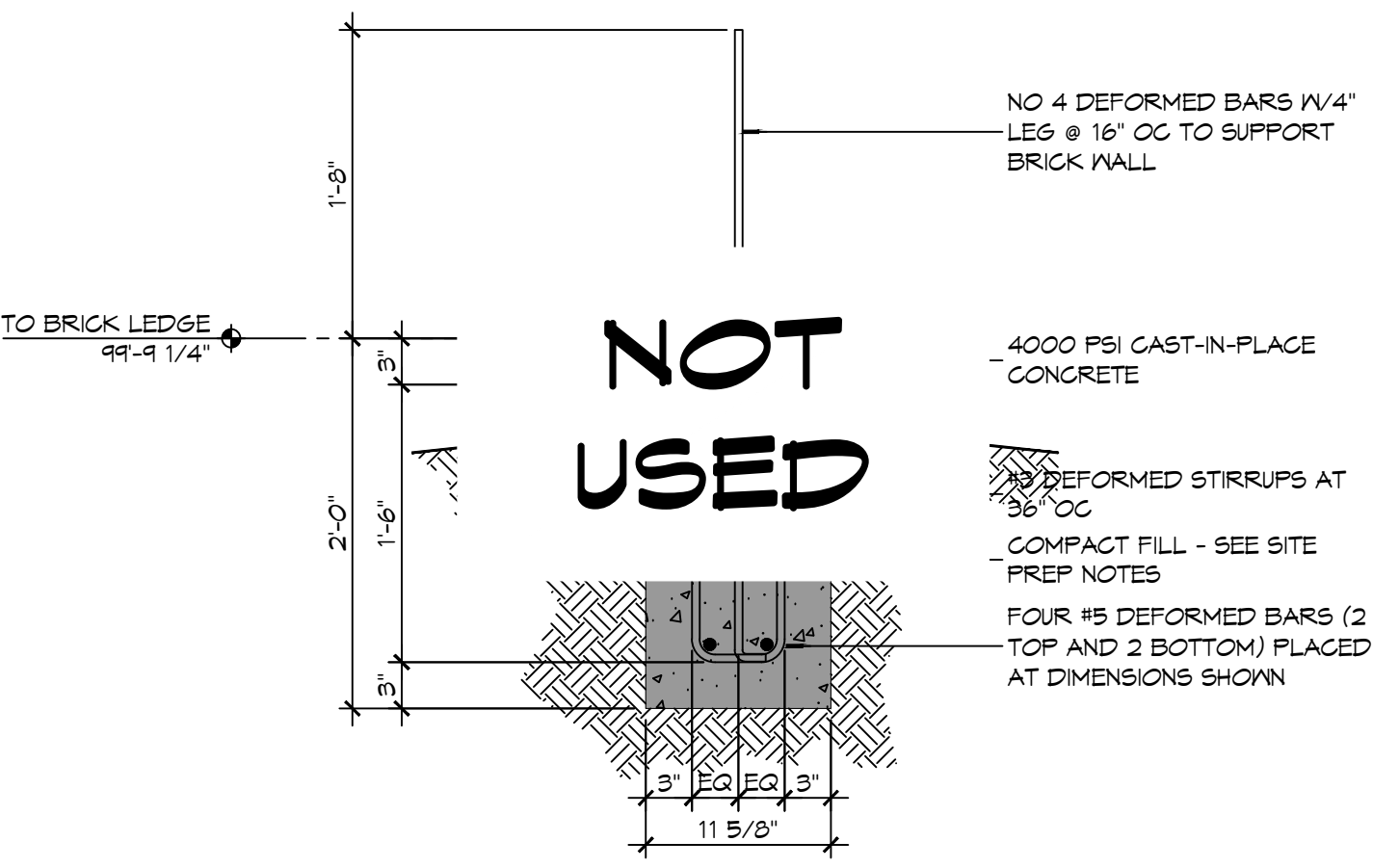


12 FOUNDATION DETAIL

SCALE: 3/4" = 1'-0"

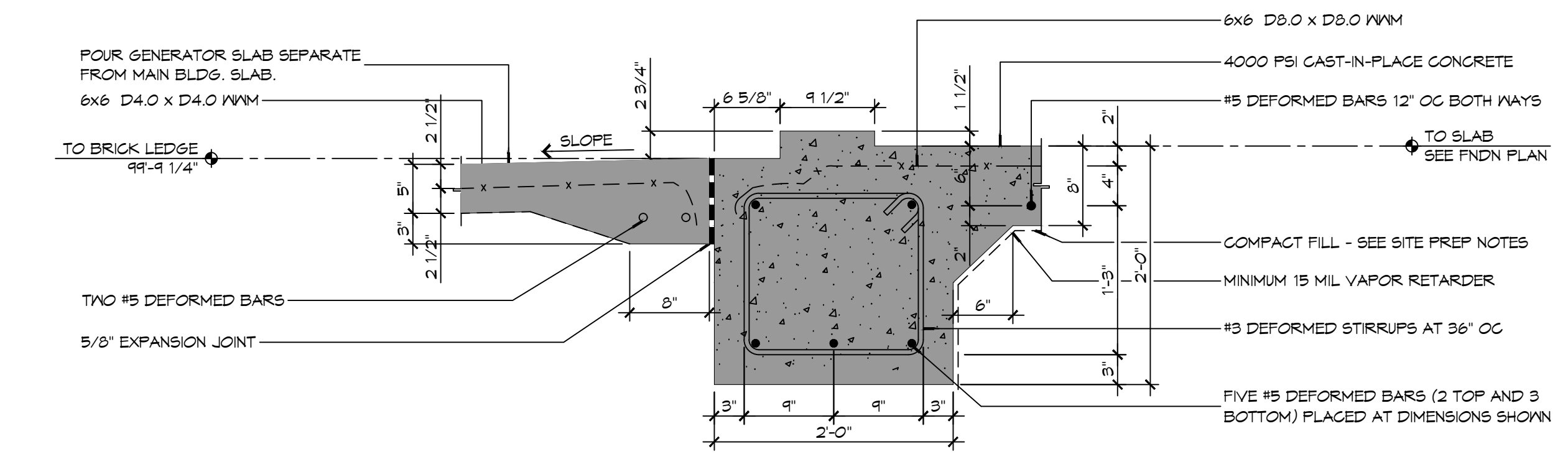
GENERAL FOUNDATION NOTES

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.



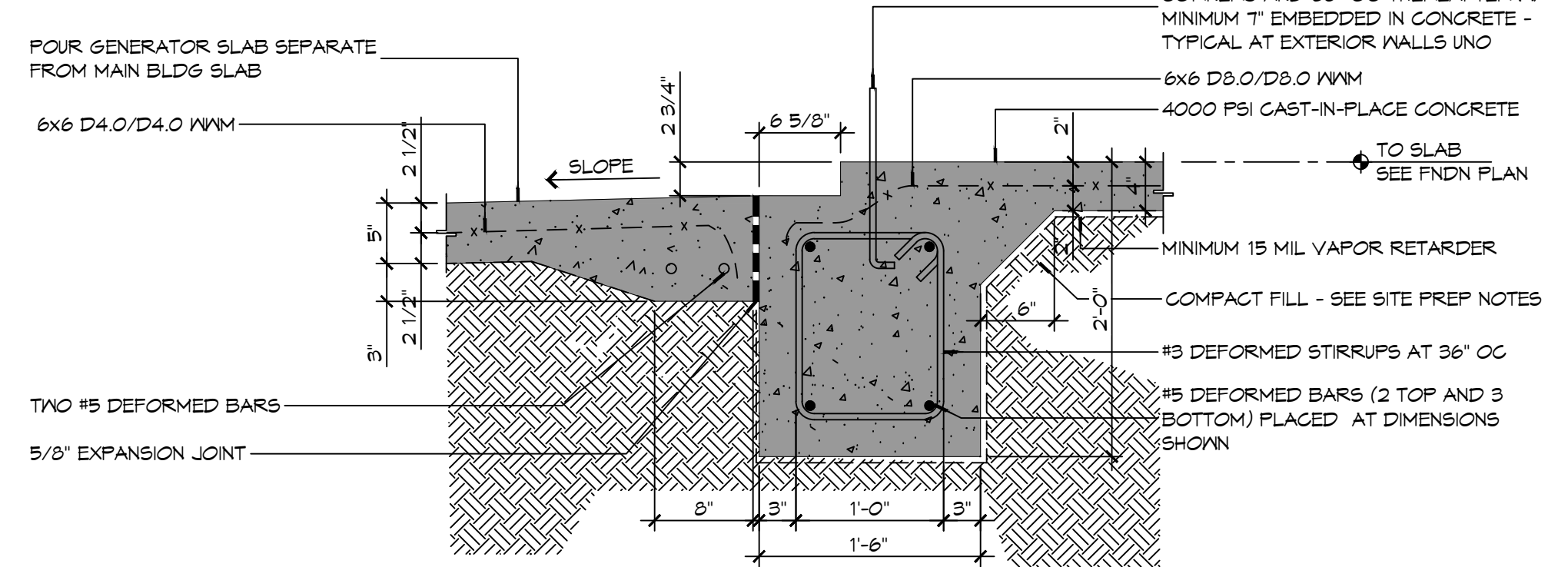
11 FOUNDATION DETAIL

SCALE: 1" = 1'-0"



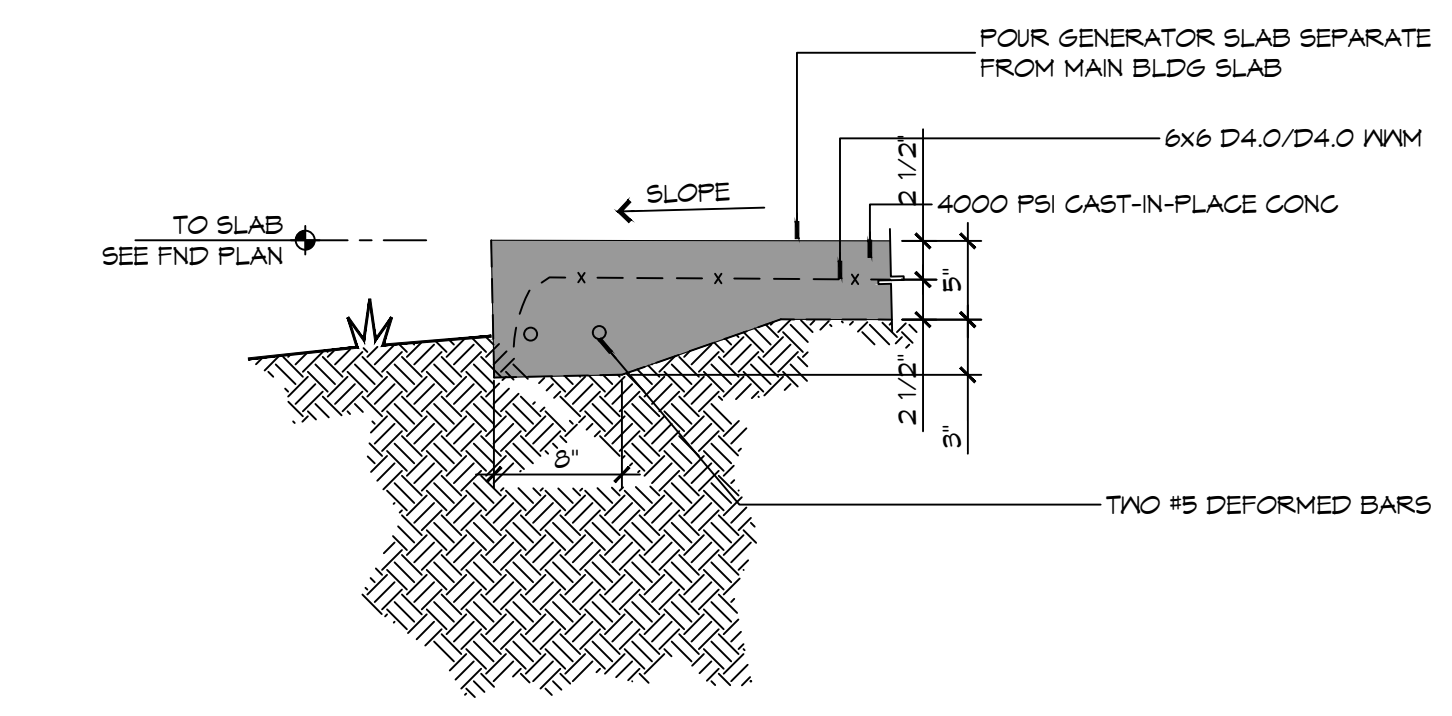
10 FOUNDATION DETAIL

SCALE: 1" = 1'-0"



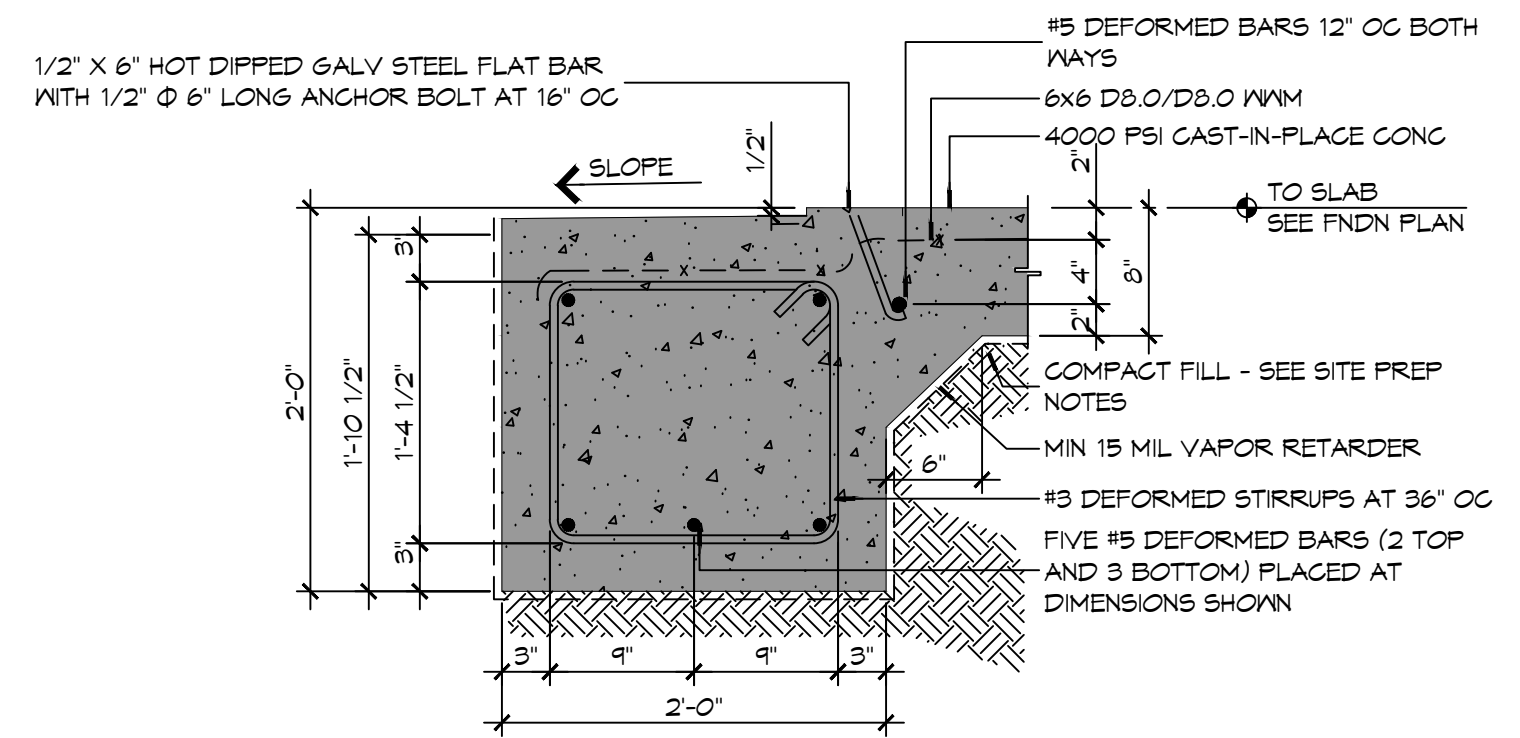
9 FOUNDATION DETAIL

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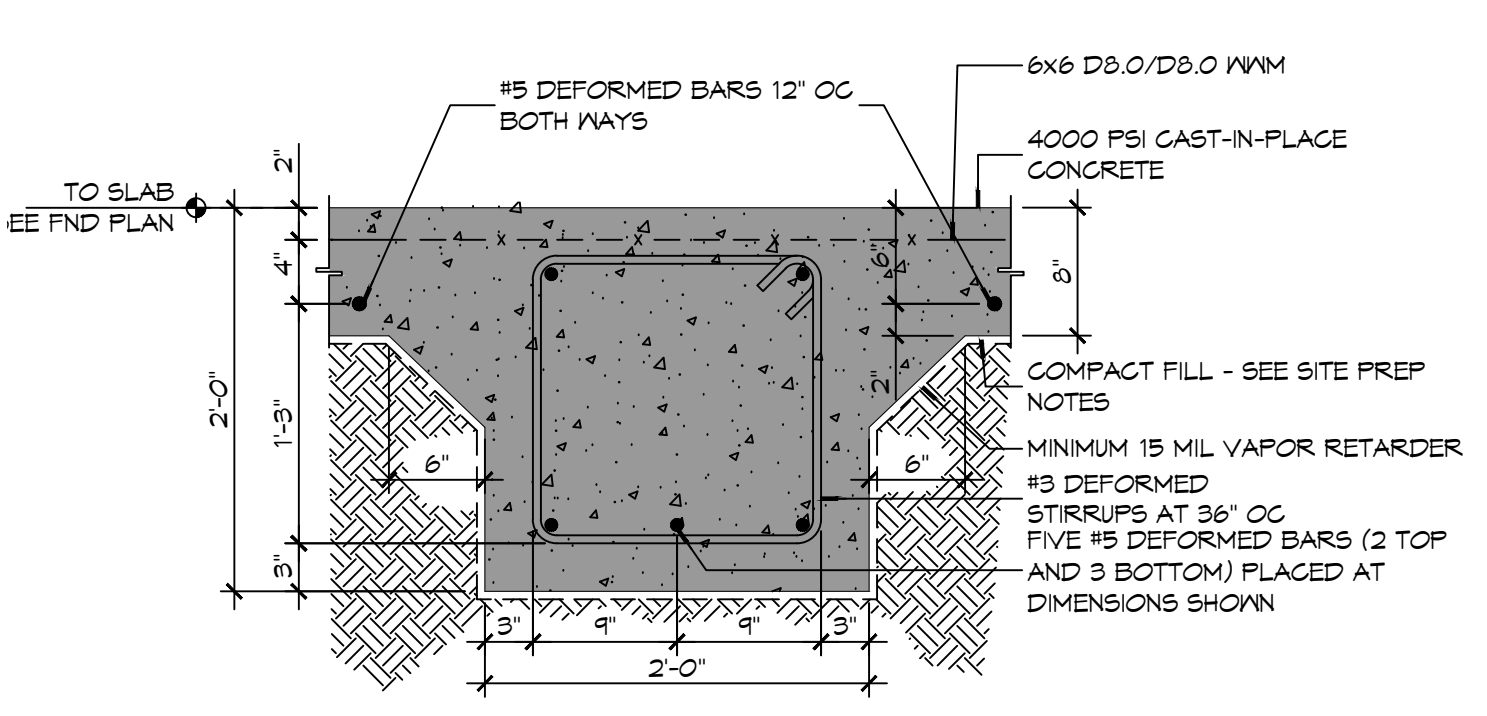
8 FOUNDATION DETAIL

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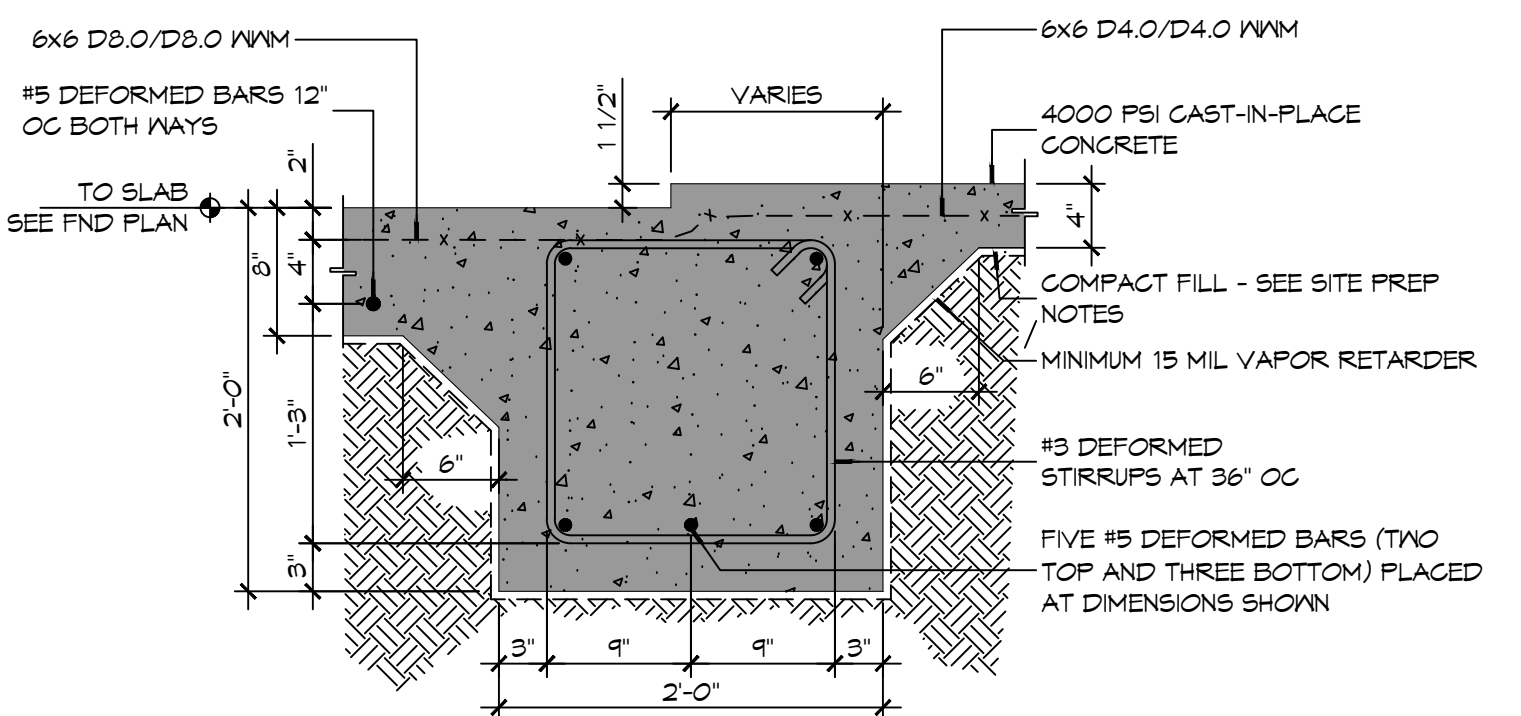
7 FOUNDATION DETAIL

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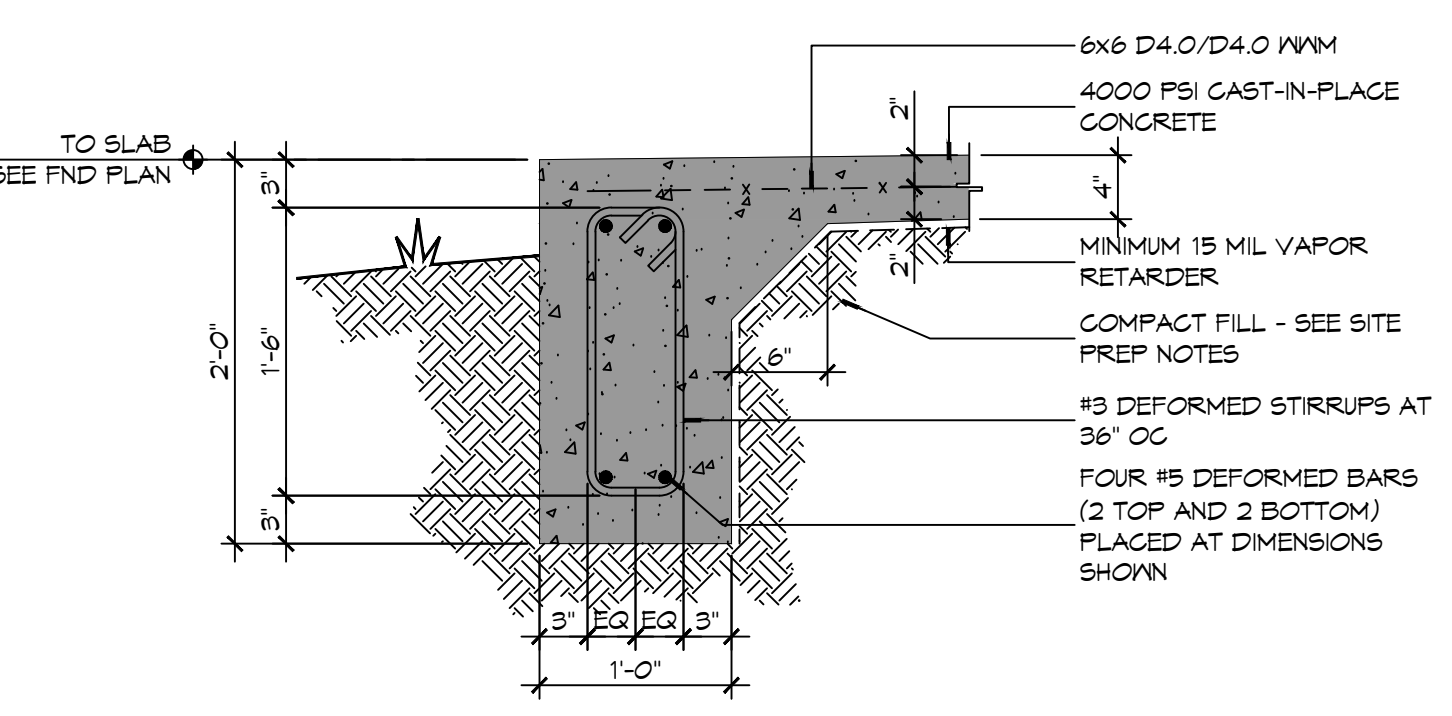
6 FOUNDATION DETAIL

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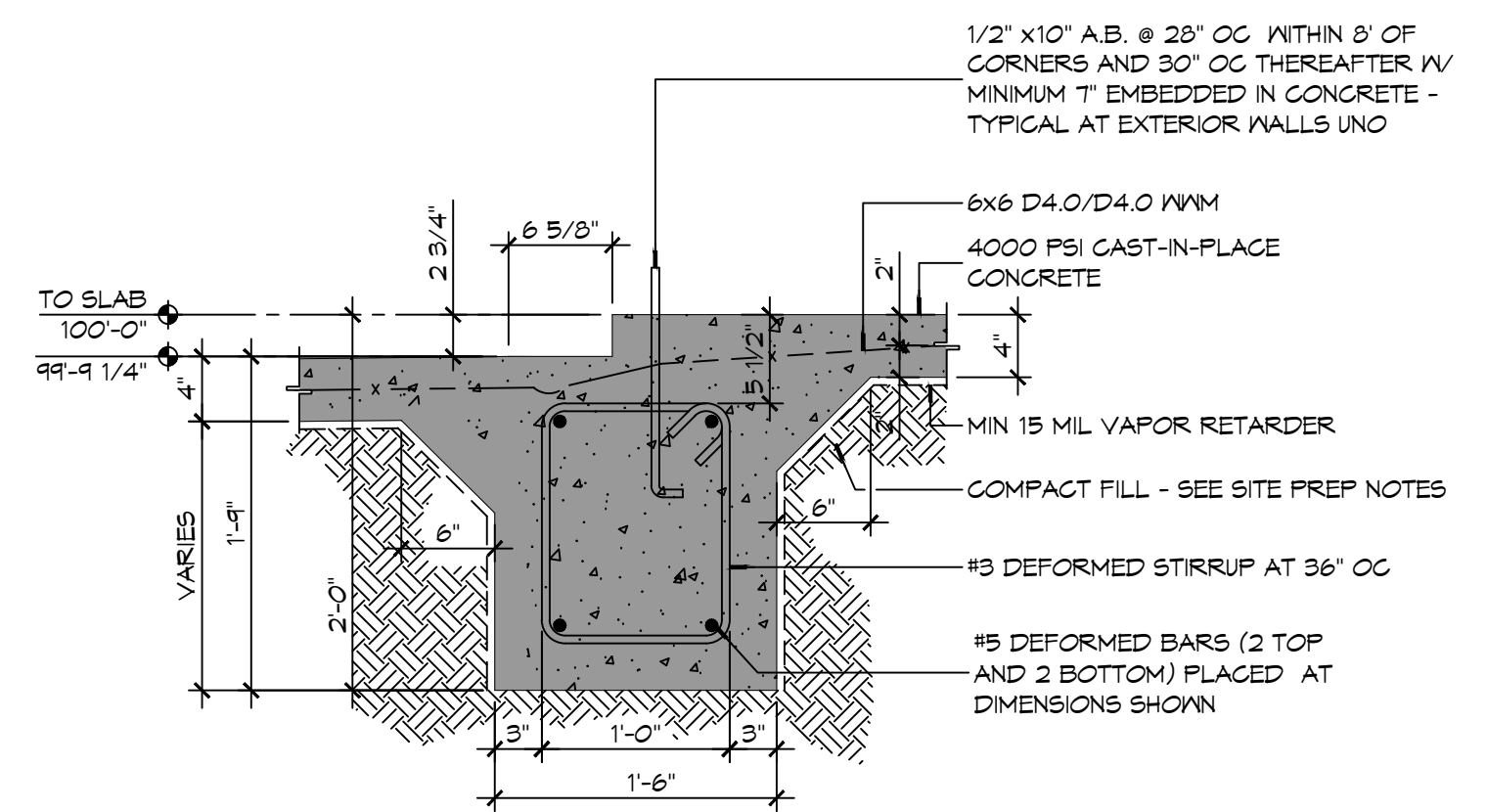
5 FOUNDATION DETAIL

SCALE: 1" = 1'-0"



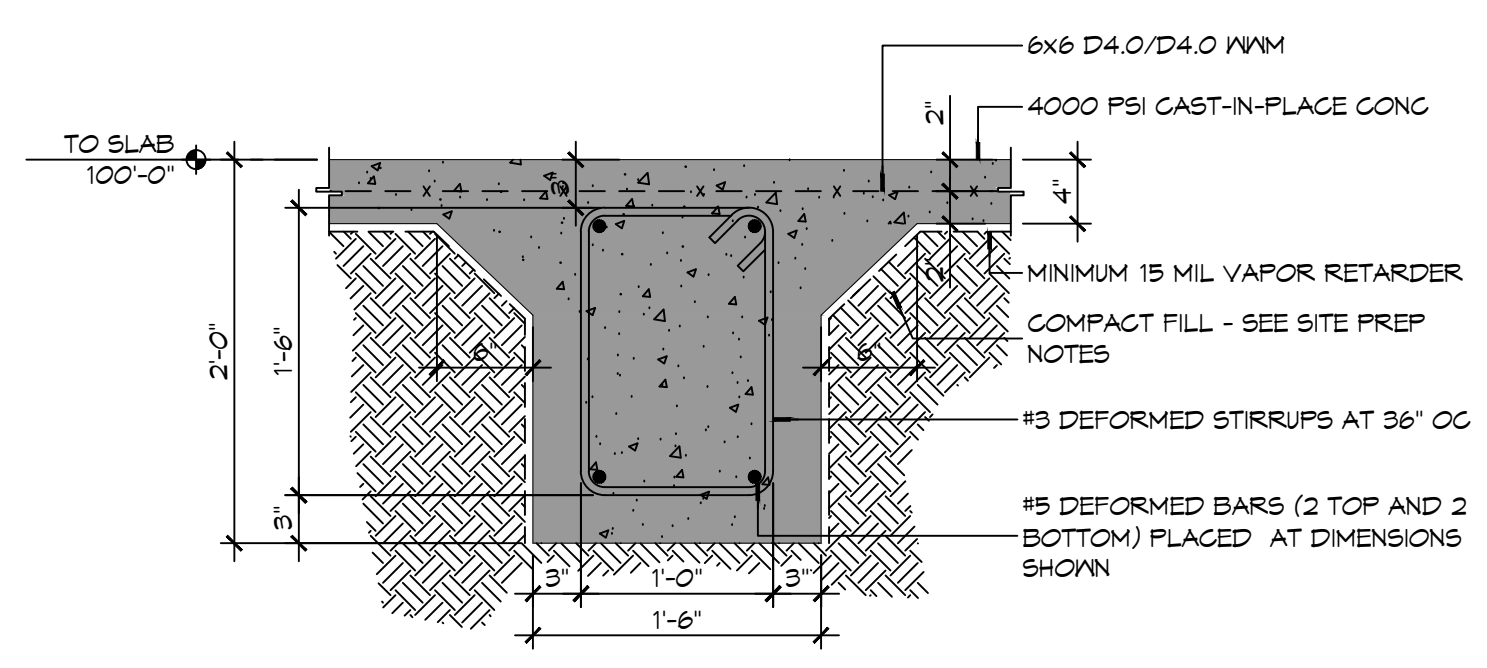
4 FOUNDATION DETAIL

SCALE: 1" = 1'-0"



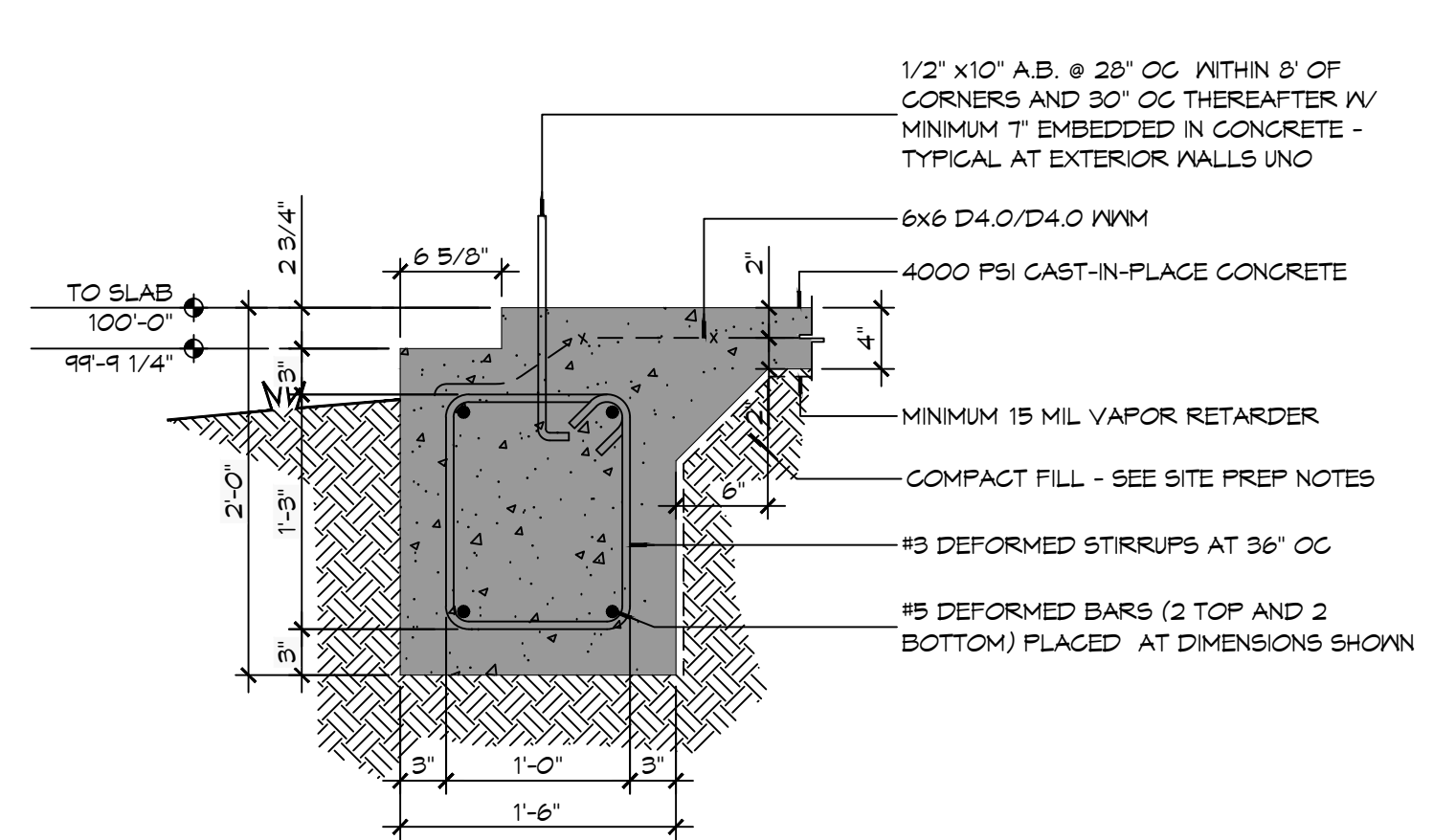
3 FOUNDATION DETAIL

SCALE: 1" = 1'-0"



2 FOUNDATION DETAIL

SCALE: 1" = 1'-0"



1 FOUNDATION DETAIL

SCALE: 1" = 1'-0"

DAMMON ENGINEERING, INC.
 LOUISIANA & MISSISSIPPI
 Chief Engineer: Brian Mistich, 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**

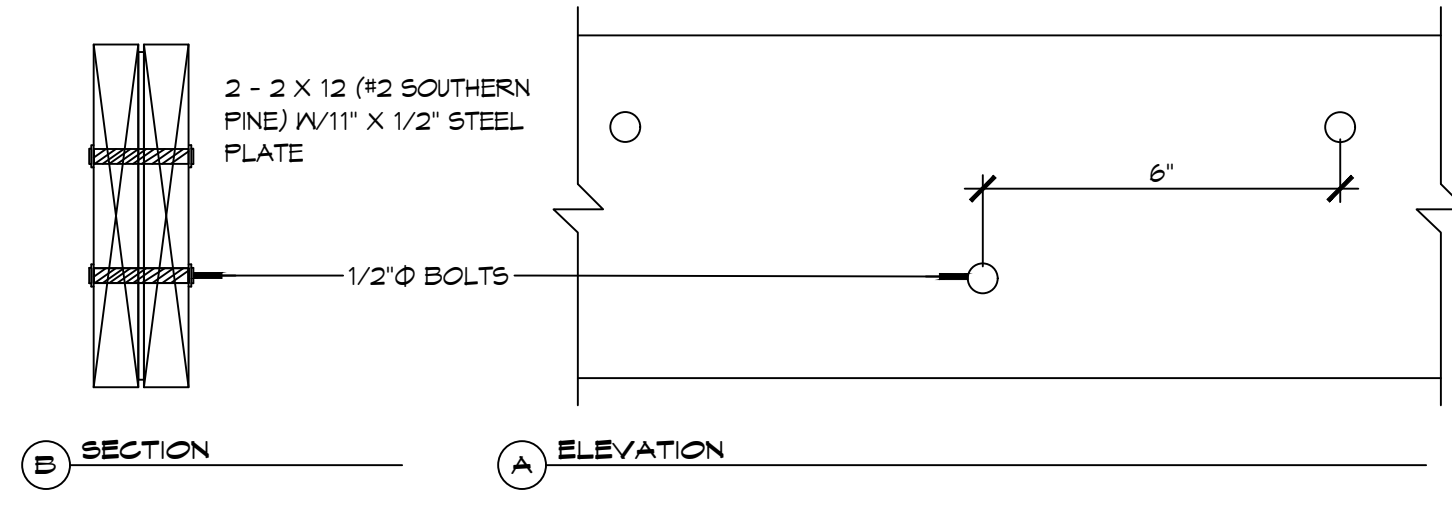
2148 LAKESHORE VISTA BLVD
 SLIDELL, LA 70461
 JOB No: 2519 DATE: 12-05-2025
 DRAWN BY: CKD CHECKED BY: B.M.

SHEET TITLE:
 FOUNDATION DETAILS

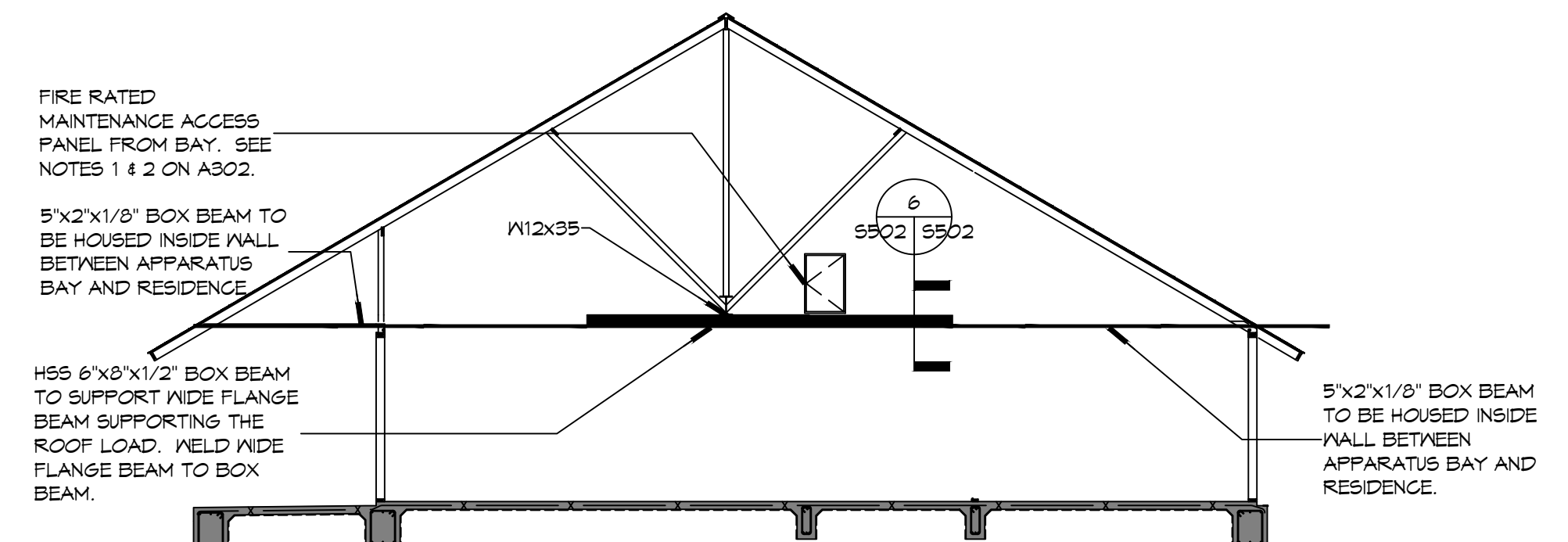
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SHEET No: 15 of 37

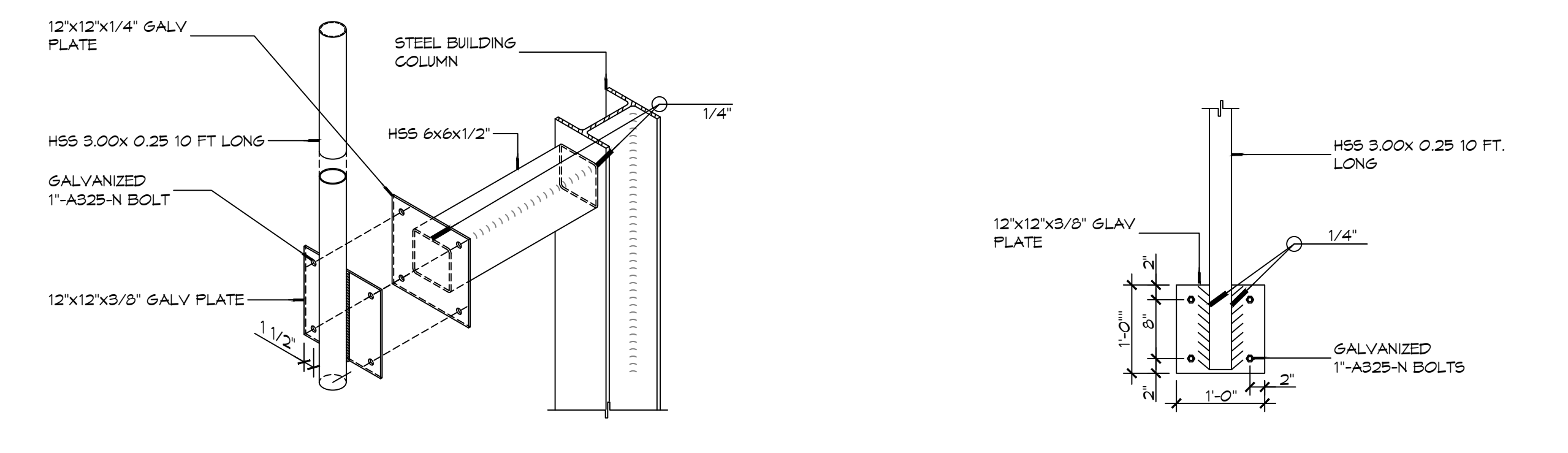
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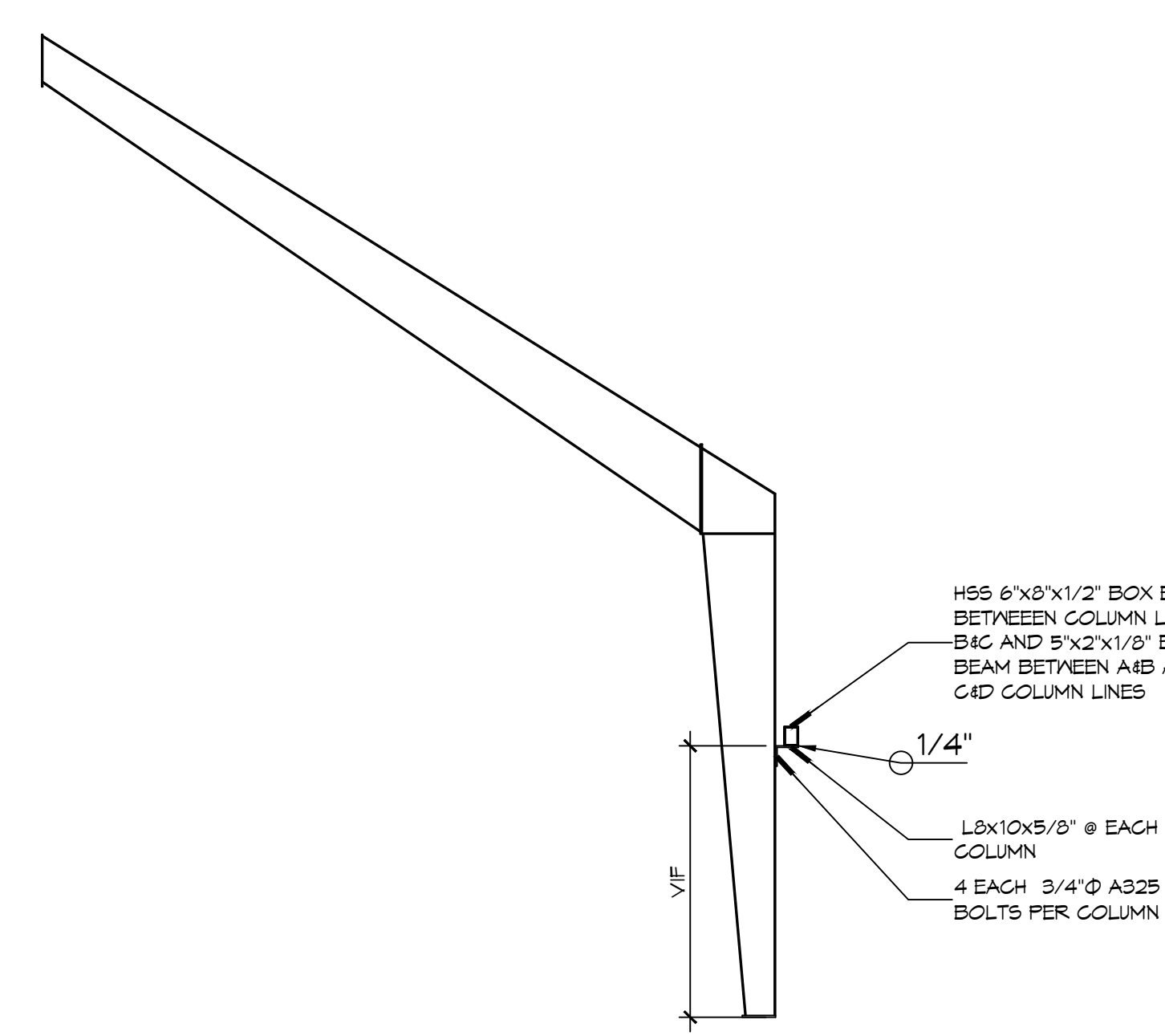
10 DETAILS
 SCALE: NTS
 FLITCH BEAM



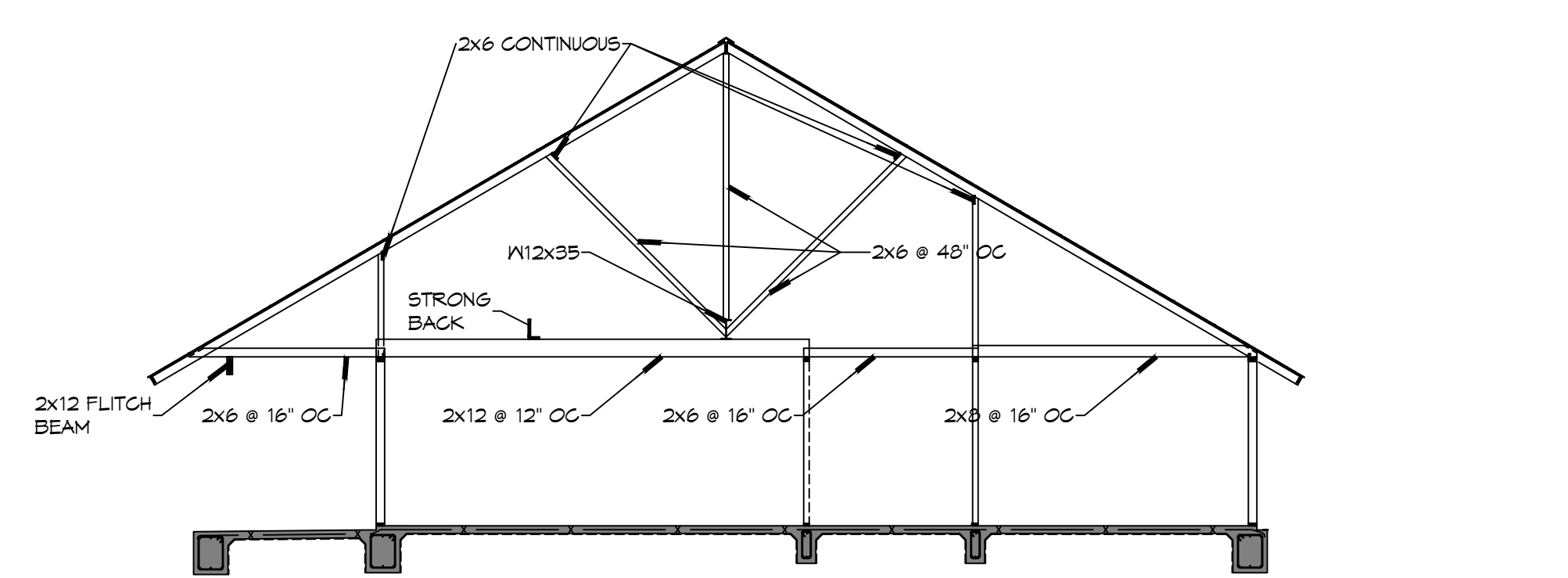
9 DETAIL
 SCALE: NTS
 RESIDENCE DETAIL AT APPARATUS BAY WALL



8 DETAILS
 SCALE: 3/16" = 1'-0"
 ANTENNA SUPPORT



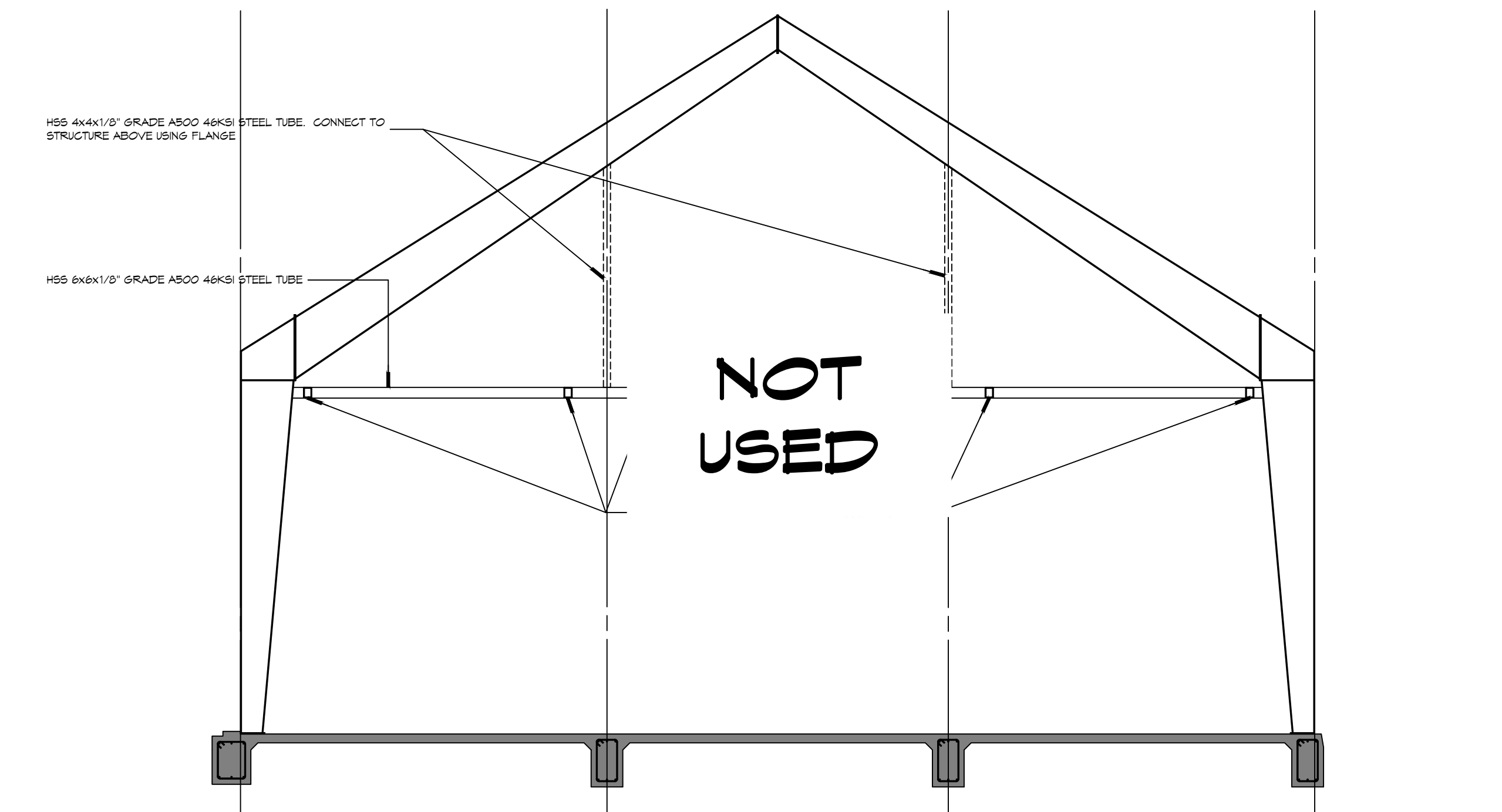
6 DETAIL
 SCALE: NTS
 BRICK LINTEL



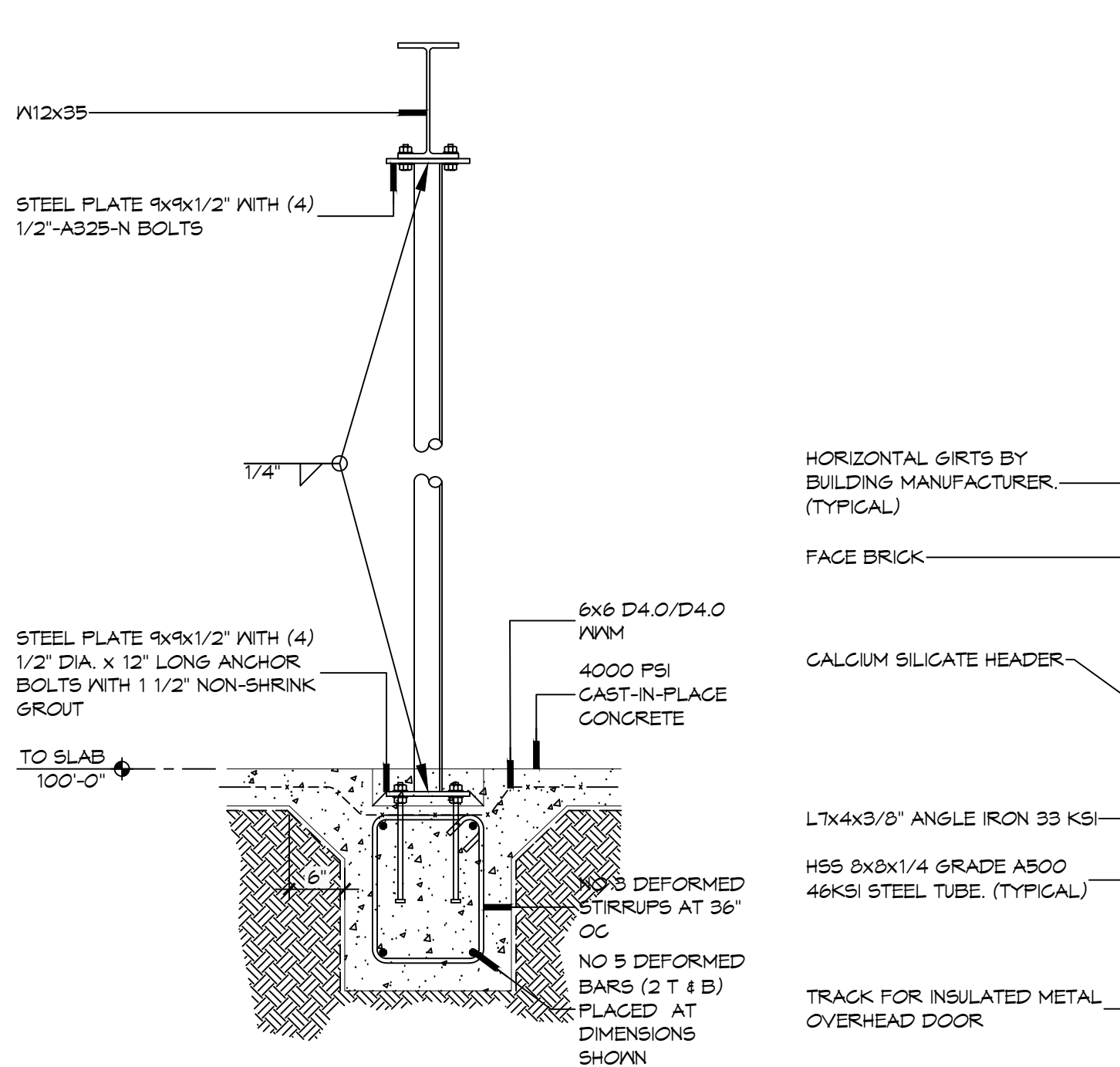
7 DETAIL
 SCALE: NTS
 RESIDENCE DETAIL



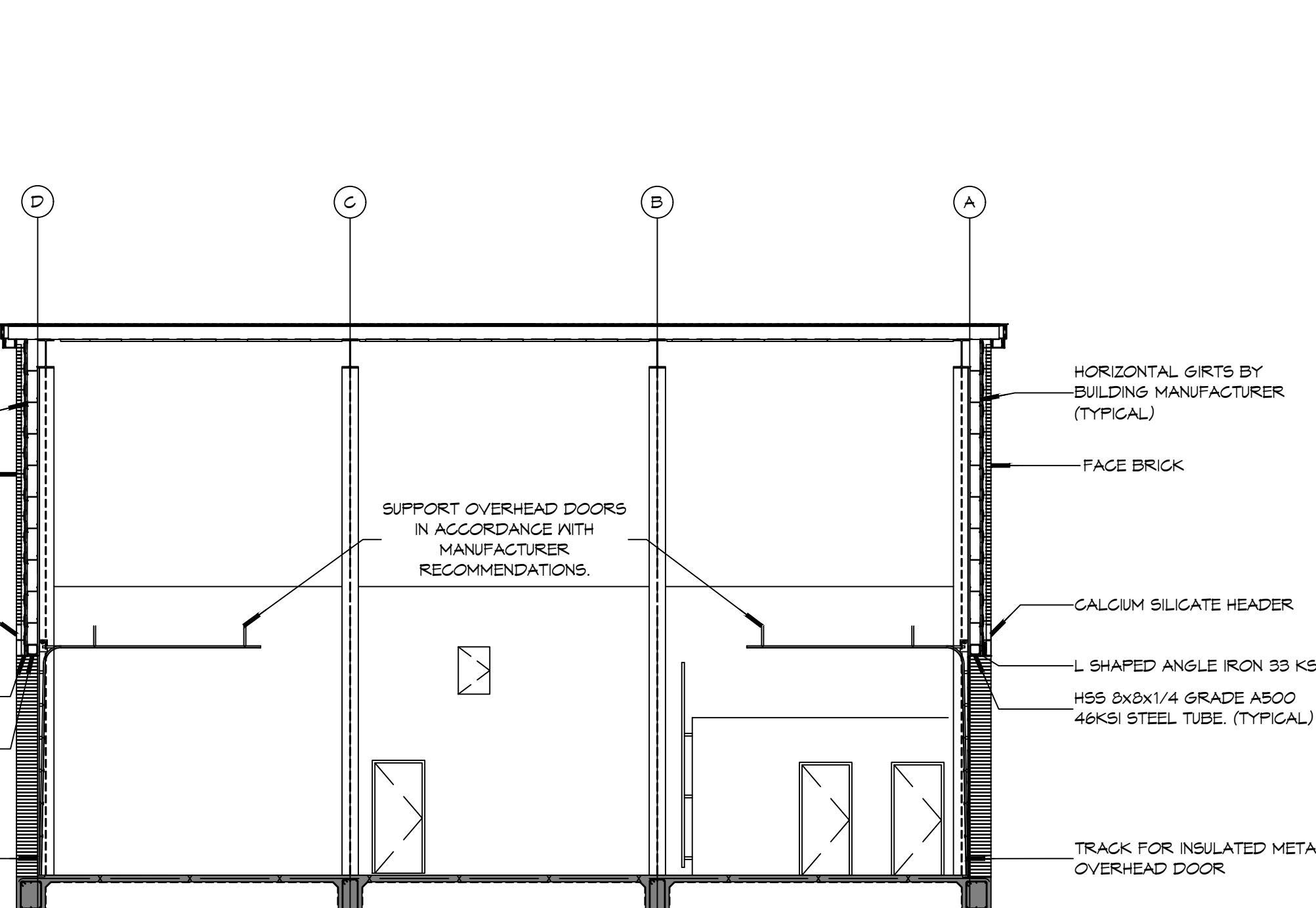
5 DETAILS
 SCALE: NTS
 OVERHEAD DOOR STRUCTURE DETAILS



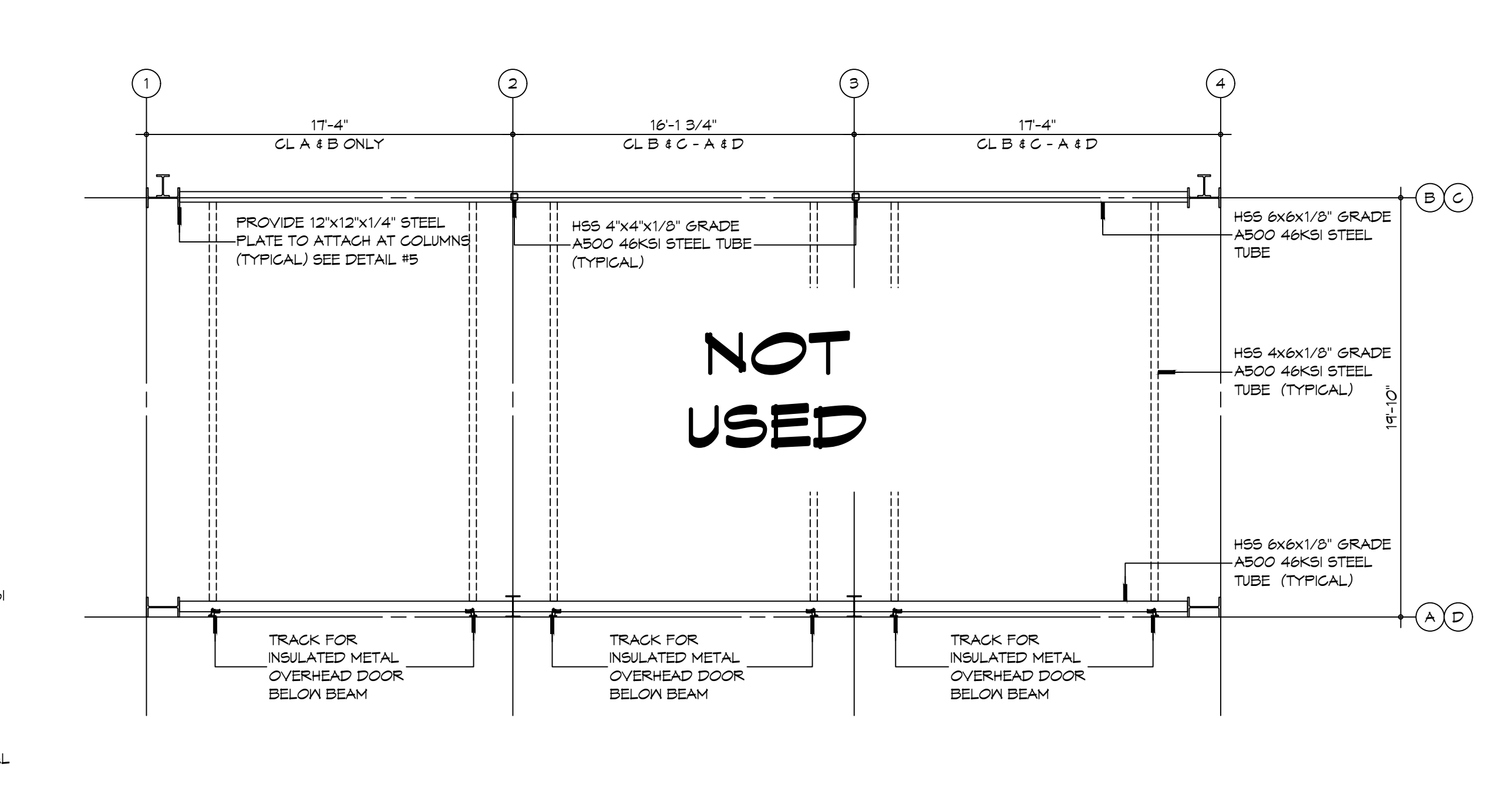
4 DETAIL
 SCALE: 3/16" = 1'-0"
 OVERHEAD DOOR STRUCTURE ELEVATION



3 DETAIL
 SCALE: NTS
 PIPE COLUMN



2 DETAIL
 SCALE: 1/8" = 1'-0"
 OVERHEAD DOOR STRUCTURE SECTION



1 DETAIL
 SCALE: 3/16" = 1'-0"
 OVERHEAD DOOR STRUCTURE PLAN VIEW

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 LOUISIANA & MISSISSIPPI
 www.dammonengineering.com
 info@dammonengineering.com
 PH: 985.649.5832
 Chief Engineer: Brian Mistich, PE
 554 Old Spanish Trail
 Slidell, LA 70488

#	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:
 STRUCTURAL DETAILS

DRAWING NUMBER:
S502

SHEET No: 16 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"x20 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	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	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
WFCM 2021 TABLE 3.22F

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	1	1	1	1	1	1	1	1	2	1	1	1
	4	1	1	1	1	2	1	1	1	3	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
ROOF AND CEILING	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	2	1	1	1	2	1	1	1	1	1	1	1
	8	2	2	1	1	2	2	1	1	2	2	2	1
	10	3	2	2	2	3	2	2	2	3	2	2	2
	12	3	2	2	2	3	2	2	2	3	2	2	2
ROOF, CEILING, AND ONE CENTER BEARING FLOOR	2	1	1	1	1	1	1	1	1	1	1	1	1
	4	2	1	1	1	2	1	1	1	1	1	1	1
	6	2	2	1	1	3	2	2	2	2	2	2	2
	8	3	2	2	2	3	2	2	2	3	2	2	2
	10	4	3	2	2	4	3	3	2	4	3	2	2
	12	4	3	3	2	5	3	3	3	5	3	3	3

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

HEADER SUPPORTING	HEADER SPAN (FT)	ROOF LIVE LOAD 20 PSF				ROOF LIVE LOAD 30 PSF			
		3"	4.5"	5"	6.5"	3"	4.5"	5"	6.5"
		NUMBER OF JACK STUDS REQUIRED							
ROOF AND CEILING	2	1	1	1	1	1	1	1	1
	4	1	1	1	1	1	1	1	1
	6	2	1	1	1	2	1	1	1
	8	2	2	1	1	2	2	1	1
	10	3	2	2	2	3	2	2	2
	12	3	2	2	2	3	2	2	2
ROOF, CEILING, AND ONE CENTER BEARING FLOOR	2	1	1	1	1	1	1	1	1
	4	2	1	1	1	2	1	1	1
	6	2	2	1	1	3	2	2	2
	8	3	2	2	2	3	2	2	2
	10	4	3	2	2	4	3	3	2
	12	4	3	3	2	5	3	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

OPACQUE ELEMENTS	ASSEMBLY MAXIMUM	INSULATION MIN. R-VALUE
ROOFS		
INSULATION ENTIRELY ABOVE DECK	U-0.040	R-20.0 c.i.
METAL BUILDING	U-0.065	R-19
ATTIC AND OTHER	U-0.027	R-30
WALLS, ABOVE GRADE		
MASS	U-0.151	R-5.1 c.i.
METAL BUILDING	U-0.113	R-13.0
STEEL-FRAMED	U-0.124	R-13.0
WOOD-FRAMED AND OTHER	U-0.089	R-13.0
FLOORS		
MASS	U-0.107	R-3 c.i.
STEEL JOIST	U-0.052	R-19.0
WOOD FRAMED AND OTHER	U-0.051	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

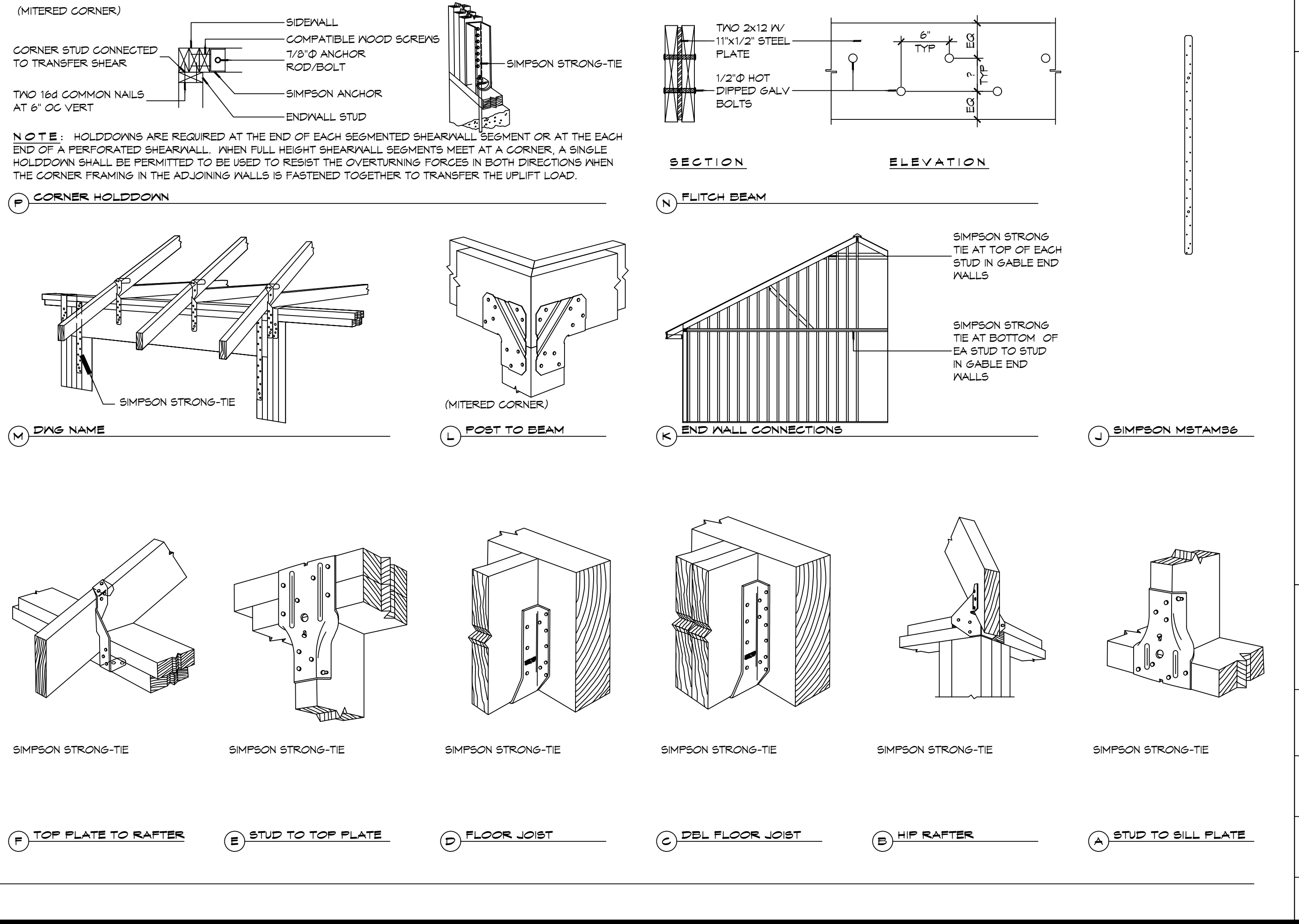
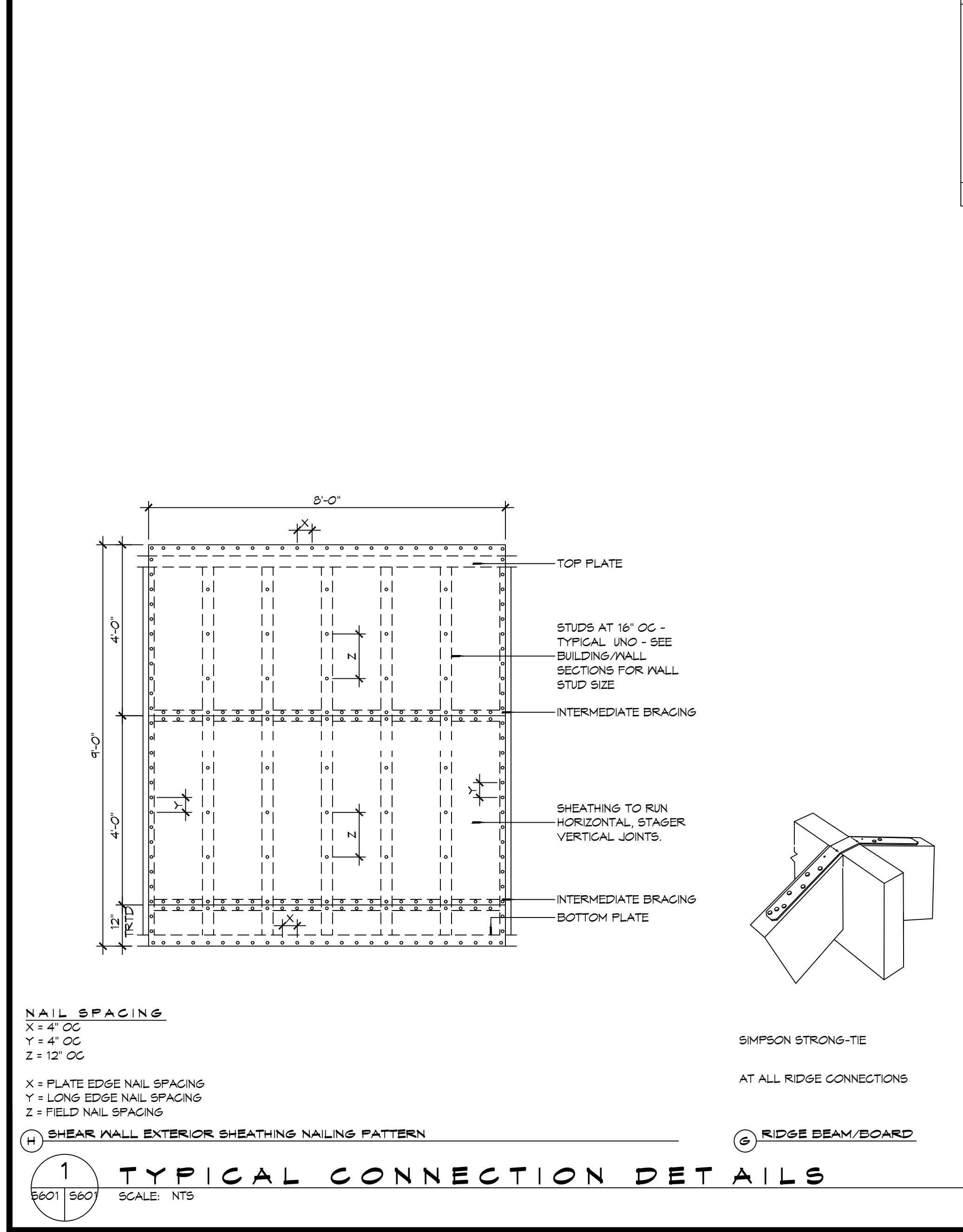
- FOR ROOF SLOPES FROM TWO UNITS VERTICAL IN 12 UNITS HORIZONTAL (17-PERCENT SLOPE), UP TO FOUR UNITS VERTICAL IN 12 UNITS HORIZONTAL (33-PERCENT SLOPE), UNDERLAYMENT SHALL BE TWO LAYERS APPLIED IN THE FOLLOWING MANNER:
 - APPLY A 14 INCH STRIP OF UNDERLAYMENT FELT PARALLEL WITH AND STARTING AT THE EAVES, 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



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 SLAB-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 G185 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.

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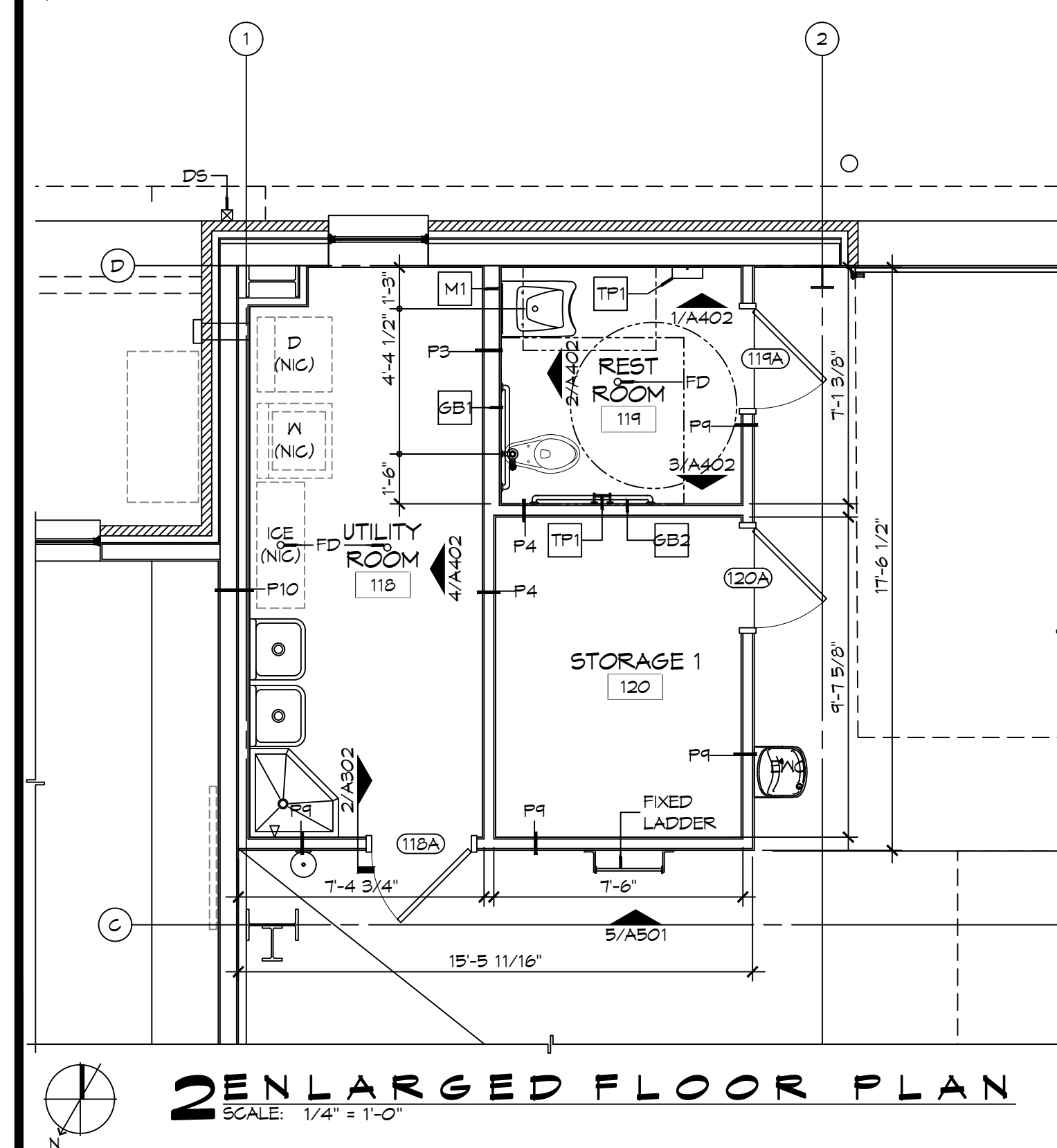
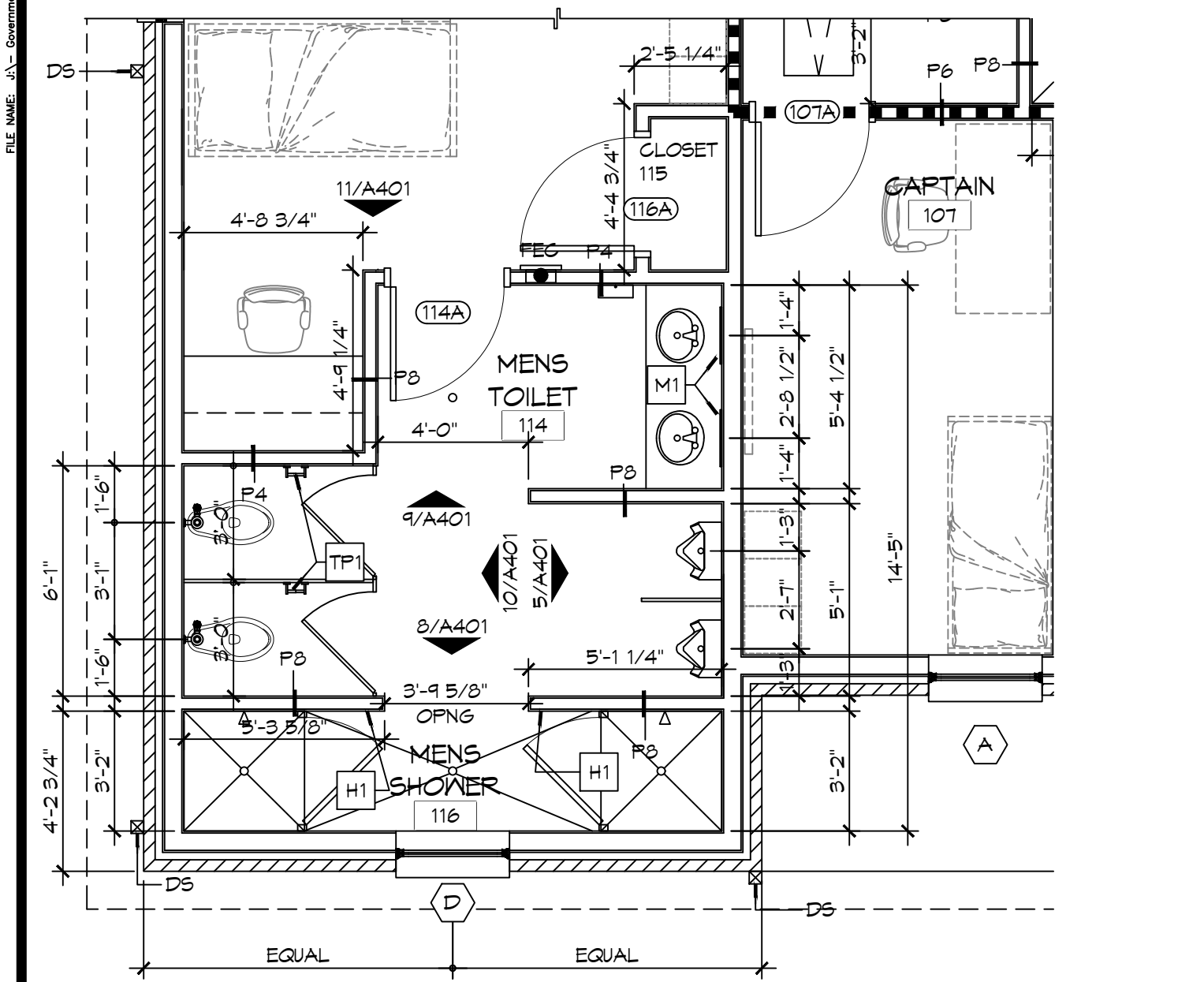
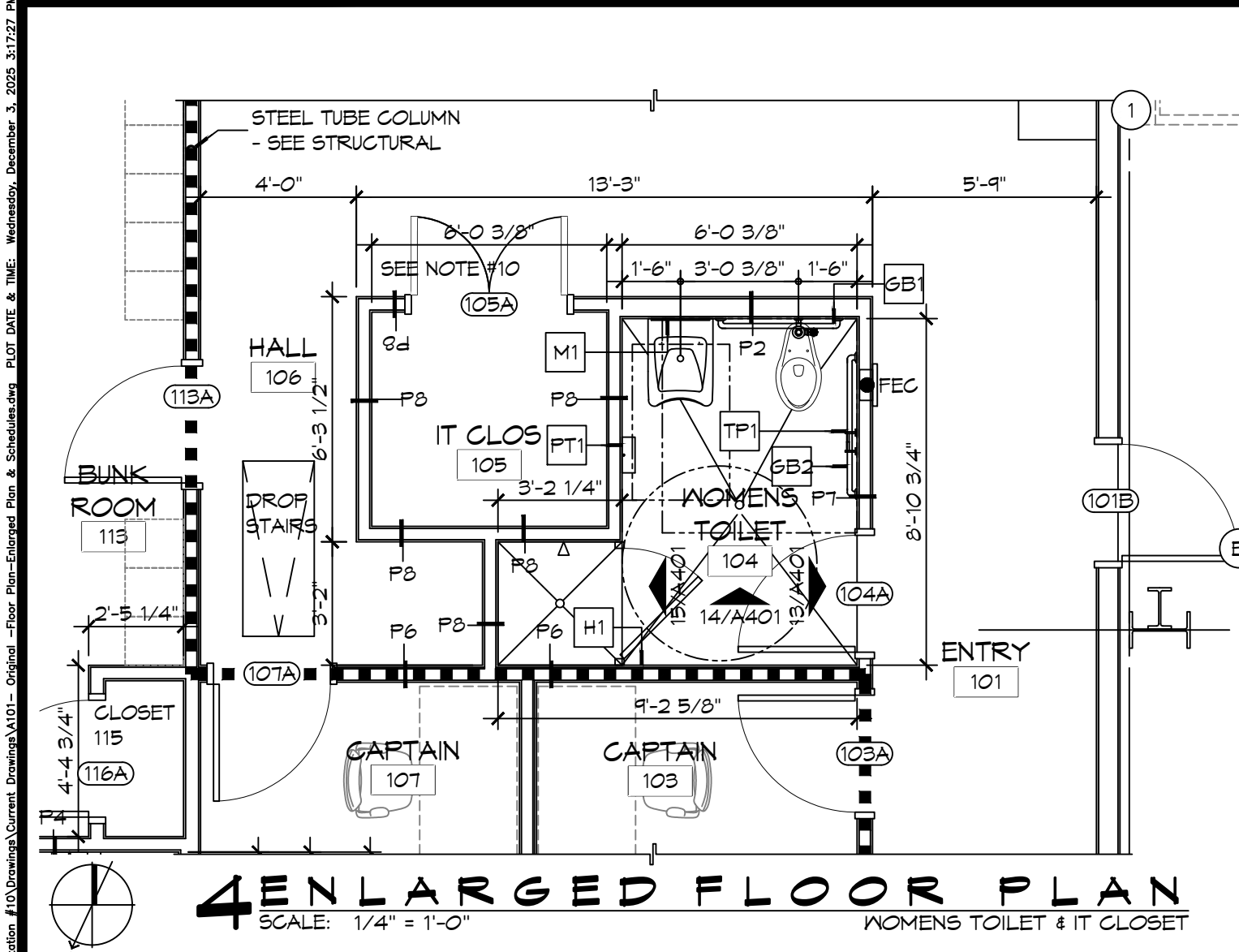
#	DESCRIPTION	DATE

SEAL:

**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: BAY

SHEET TITLE: TYPICAL CONNECTION DETAILS, SCHEDULES, AND NOTES
DRAWING NUMBER: **S601**
SHEET No: 17 of 37



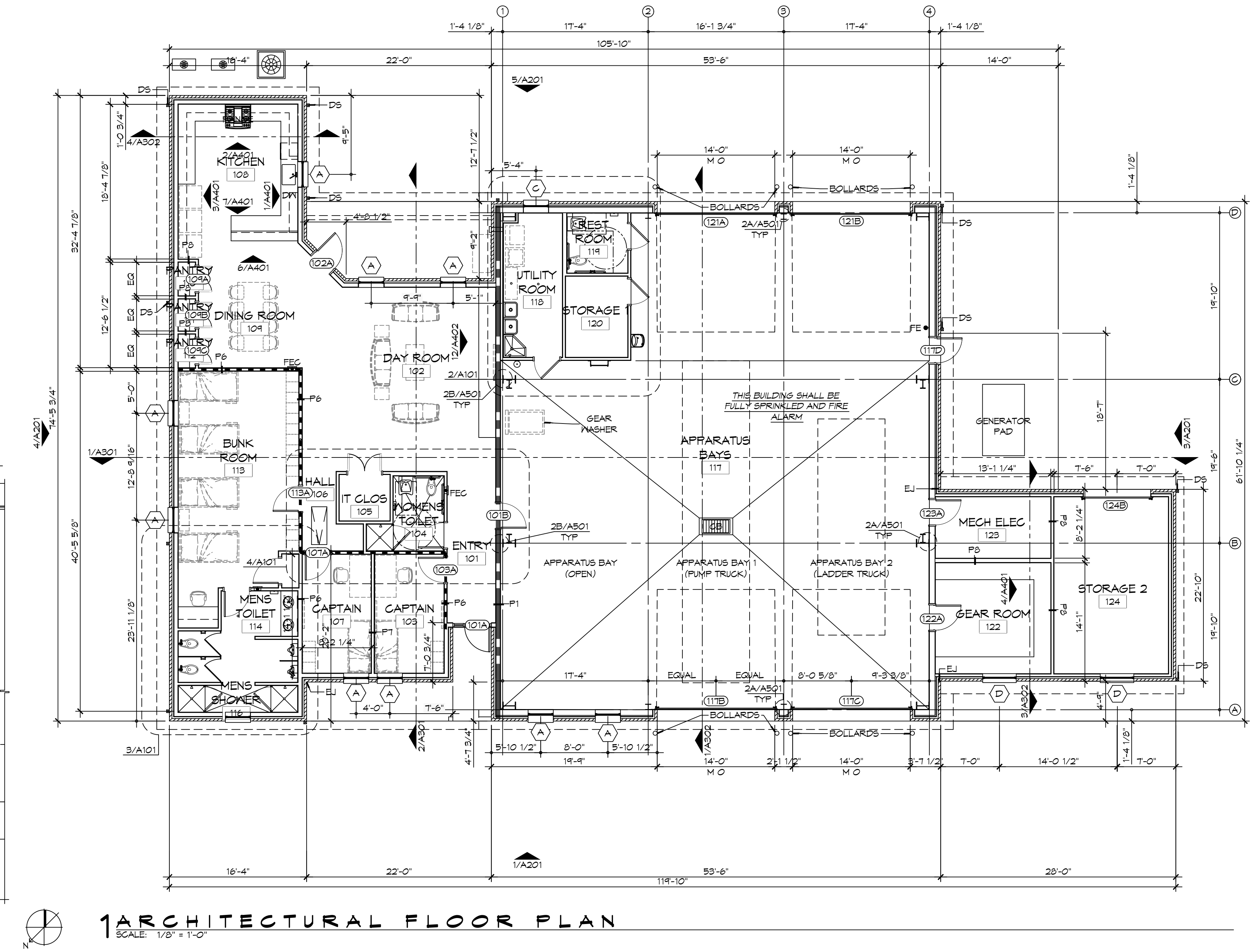
FINISH SCHEDULE

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	3" X 6" CERAMIC TILE SD15, GROUT 66 CHESTNUT, 5" RUBBER BASE 170 PEPPER
DAY ROOM	102	CERAMIC TILE	5" RUBBER	5/8" GNB	5/8" GNB	5/8" GNB	5/8" GNB	5/8" GNB	3" X 6" CERAMIC TILE SD15, GROUT 66 CHESTNUT, 5" RUBBER BASE 170 PEPPER
CAPTAIN	103	CERAMIC TILE	5" RUBBER	5/8" GNB	5/8" GNB	5/8" GNB	5/8" GNB	5/8" GNB	3" X 6" CERAMIC TILE SD15, GROUT 66 CHESTNUT, 5" RUBBER BASE 170 PEPPER
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	3" X 6" CERAMIC TILE SD15, GROUT 66 CHESTNUT, 5" RUBBER BASE 170 PEPPER
IT CLOSET	105	CERAMIC TILE	5" RUBBER	5/8" GNB	5/8" GNB	5/8" GNB	5/8" GNB	5/8" GNB	3" X 6" CERAMIC TILE SD15, GROUT 66 CHESTNUT, 5" RUBBER BASE 170 PEPPER
HALL	106	CERAMIC TILE	5" RUBBER	5/8" GNB	5/8" GNB	5/8" GNB	5/8" GNB	5/8" GNB	3" X 6" CERAMIC TILE SD15, GROUT 66 CHESTNUT, 5" RUBBER BASE 170 PEPPER
CAPTAIN	107	CERAMIC TILE	5" RUBBER	5/8" GNB	5/8" GNB	5/8" GNB	5/8" GNB	5/8" GNB	3" X 6" CERAMIC TILE SD15, GROUT 66 CHESTNUT, 5" RUBBER BASE 170 PEPPER
KITCHEN	108	CERAMIC TILE	5" RUBBER	5/8" GNB	5/8" GNB	5/8" GNB	5/8" GNB	5/8" GNB	3" X 6" CERAMIC TILE SD15, GROUT 66 CHESTNUT, 5" RUBBER BASE 170 PEPPER
DINING ROOM	109	CERAMIC TILE	5" RUBBER	5/8" GNB	5/8" GNB	5/8" GNB	5/8" GNB	5/8" GNB	3" X 6" CERAMIC TILE SD15, GROUT 66 CHESTNUT, 5" RUBBER BASE 170 PEPPER
PANTRY	110	CERAMIC TILE	5" RUBBER	5/8" GNB	5/8" GNB	5/8" GNB	5/8" GNB	5/8" GNB	3" X 6" CERAMIC TILE SD15, GROUT 66 CHESTNUT, 5" RUBBER BASE 170 PEPPER
PANTRY	111	CERAMIC TILE	5" RUBBER	5/8" GNB	5/8" GNB	5/8" GNB	5/8" GNB	5/8" GNB	3" X 6" CERAMIC TILE SD15, GROUT 66 CHESTNUT, 5" RUBBER BASE 170 PEPPER
PANTRY	112	CERAMIC TILE	5" RUBBER	5/8" GNB	5/8" GNB	5/8" GNB	5/8" GNB	5/8" GNB	3" X 6" CERAMIC TILE SD15, GROUT 66 CHESTNUT, 5" RUBBER BASE 170 PEPPER
BUNK ROOM	113	CERAMIC TILE	5" RUBBER	5/8" GNB	5/8" GNB	5/8" GNB	5/8" GNB	5/8" GNB	3" X 6" CERAMIC TILE SD15, GROUT 66 CHESTNUT, 5" RUBBER BASE 170 PEPPER
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	3" X 6" CERAMIC TILE SD15, GROUT 66 CHESTNUT, 5" RUBBER BASE 170 PEPPER
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	3" X 6" CERAMIC TILE SD15, GROUT 66 CHESTNUT, 5" RUBBER BASE 170 PEPPER
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	3" X 6" CERAMIC TILE SD15, GROUT 66 CHESTNUT, 5" RUBBER BASE 170 PEPPER
APPARATUS BAYS	117	EPOXY	6" CEMENTITIOUS	MTL LINER PANEL	MTL LINER PANEL	MTL LINER PANEL	MTL LINER PANEL	MTL LINER PANEL	
UTILITY ROOM	118	EPOXY	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 PEPPER
RESTROOM	119	EPOXY	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 PEPPER
MAINTENANCE BAY	121	EPOXY	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 PEPPER
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 PEPPER
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 PEPPER

- ### 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 MELONINE-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 FR5 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 A201 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



DAMMON ENGINEERING, INC.

LOUISIANA & MISSISSIPPI

Chief Engineer: Brian Muehler, PE
554 Old Spanish Trail
Slidell, LA 70458
www.dammonengineering.com
info@dammonengineering.com
PH: 985.649.5832

#	DESCRIPTION	DATE

SEAL:

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

248 LAKESHORE VISTA BLVD
SLIDELL, LA 70461

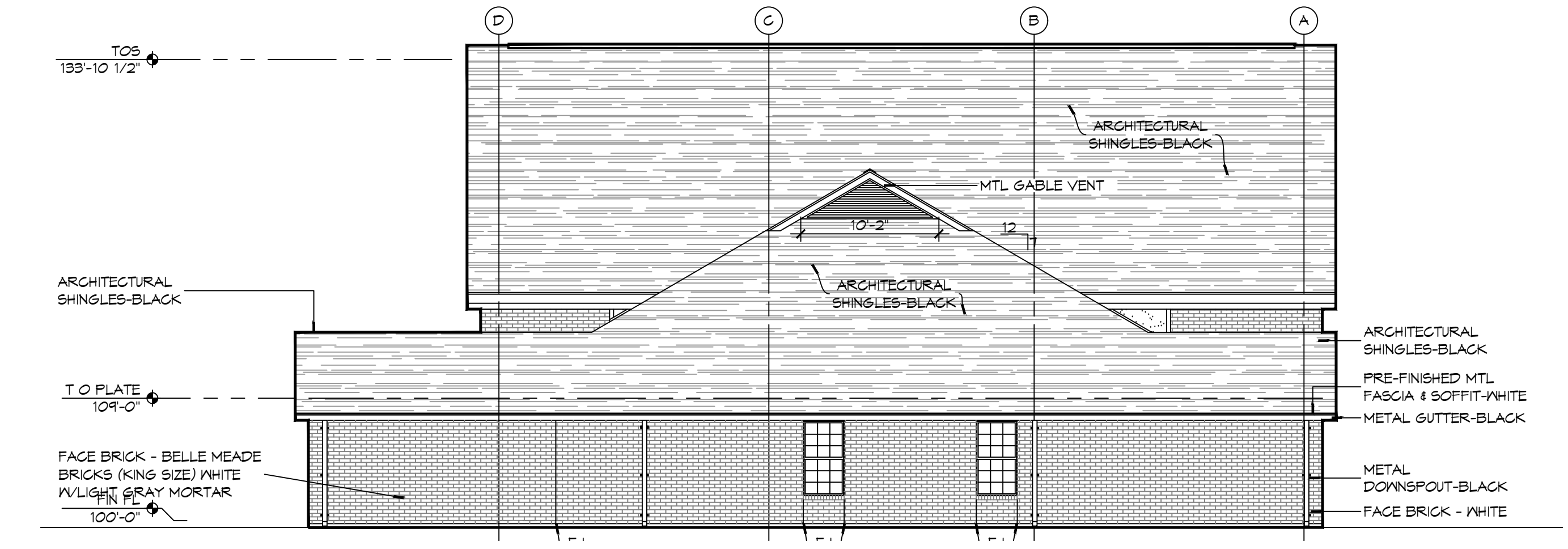
JMS
DATE: 12-05-2025
JOB NO: 2519
DRAWN BY: GKD
CHECKED BY: JMS

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

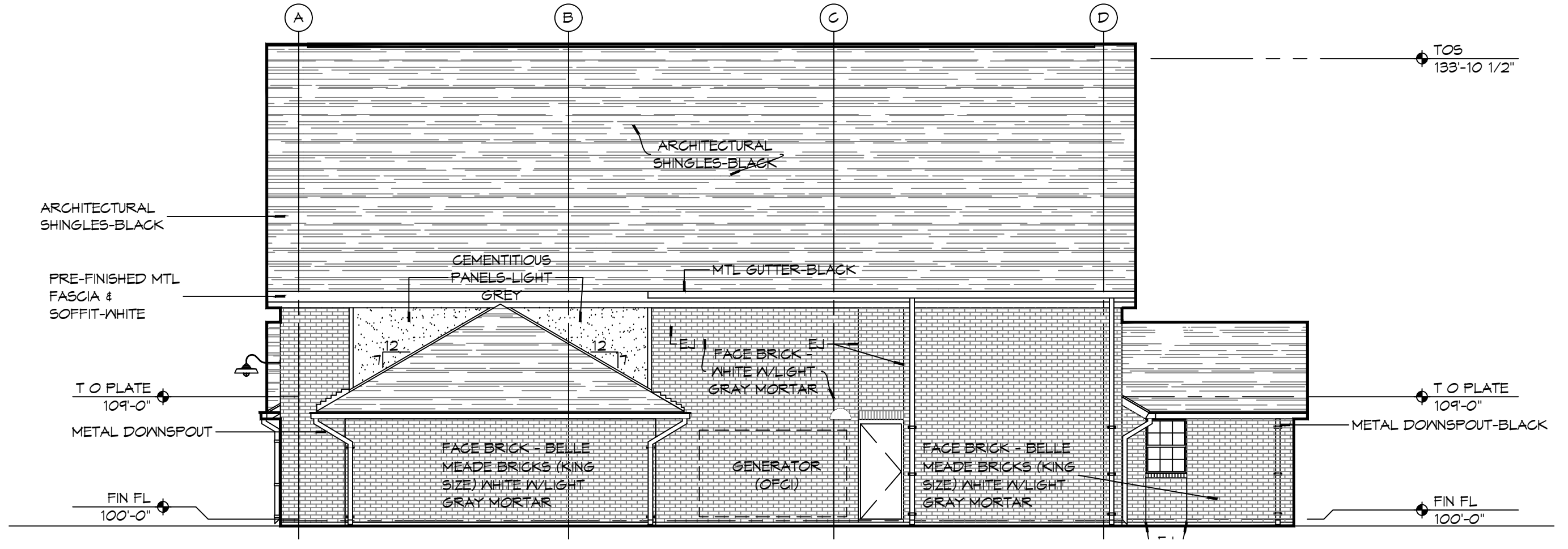
DRAWING NUMBER:
A101

SHEET No: 10 of 37

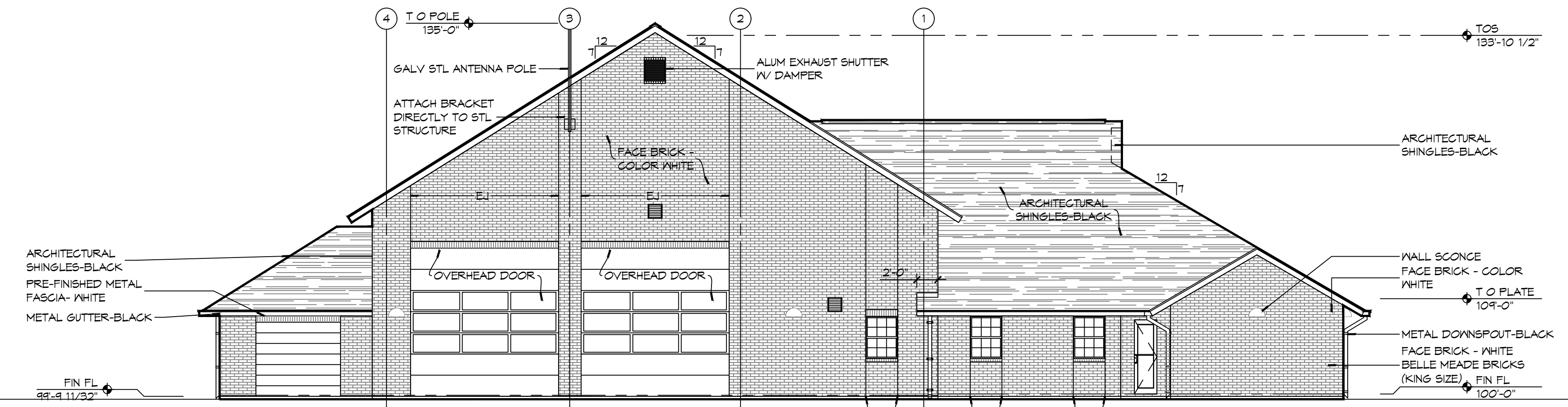
FILE NAME: J:\Projects\2025\2519 - Fire Station #10\Drawings\2519-10-10-25\2519-10-10-25.dwg, PLOT DATE: 12/10/25, PLOT TIME: 12:05:32 PM, PLOT SCALE: 1/8" = 1'-0", PLOT SHEET: 20 OF 31



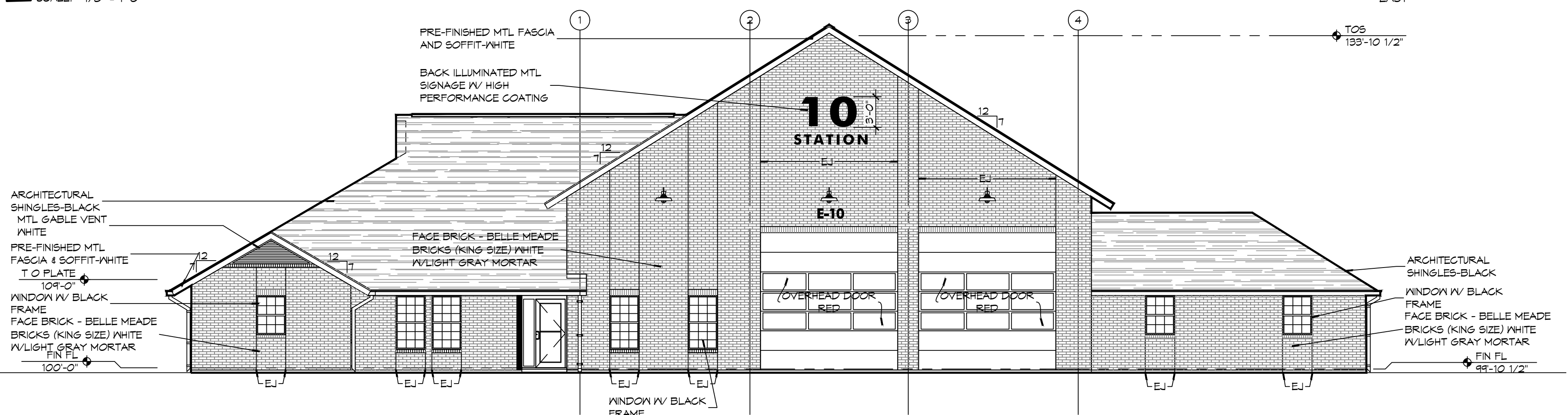
4 EXTERIOR ELEVATION LEFT SIDE
SCALE: 1/8" = 1'-0"



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



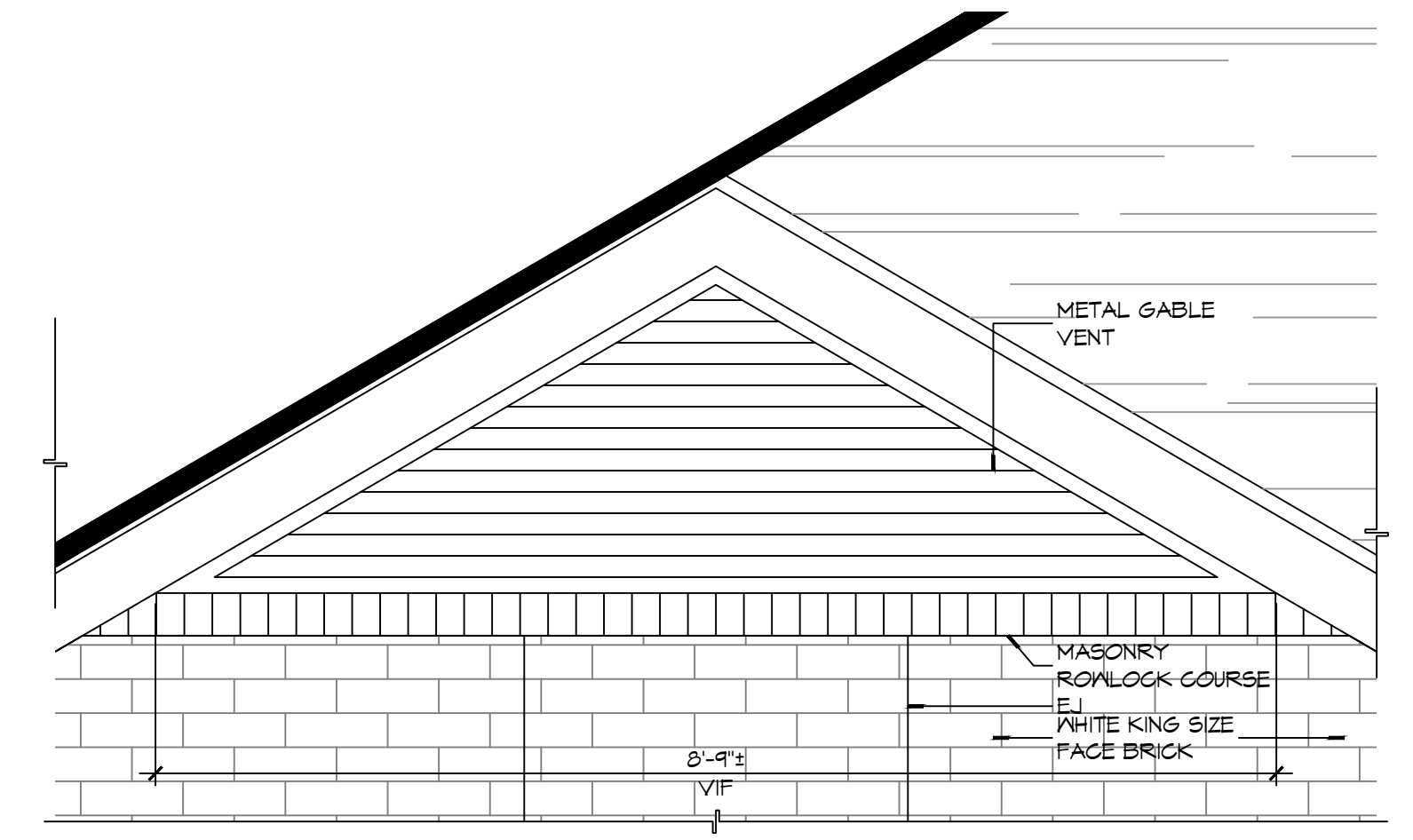
2 EXTERIOR ELEVATION REAR SIDE
SCALE: 1/8" = 1'-0"



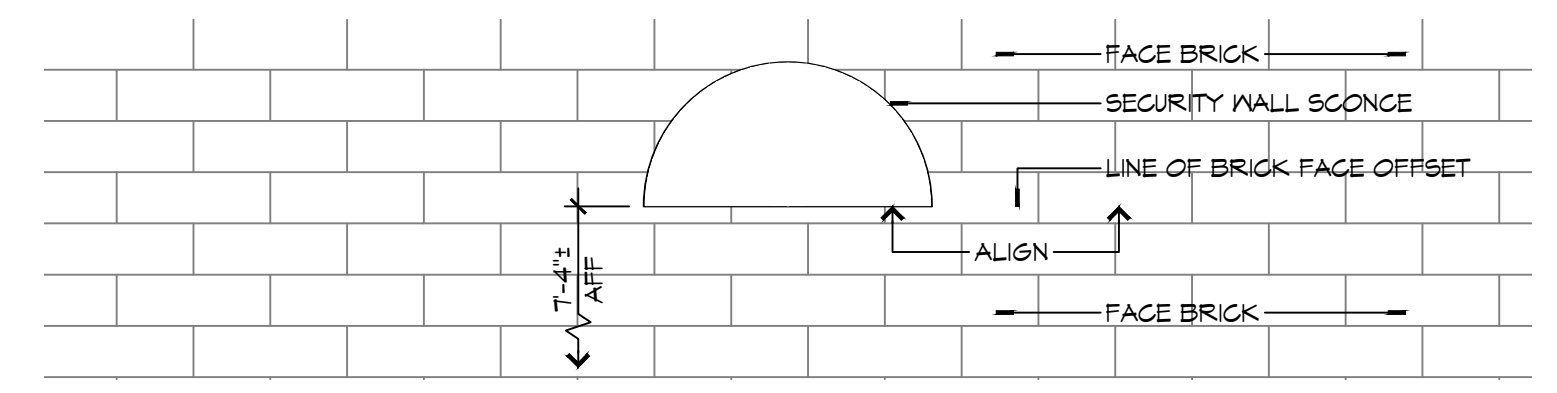
1 EXTERIOR ELEVATION FRONT SIDE
SCALE: 1/8" = 1'-0"

GENERAL ELEVATION NOTES

- REFER TO SHEET A101 FOR WINDOW TYPE ELEVATIONS.
- WINDOW TYPES NOT INDICATED THIS SHEET ARE IDENTIFIED ON SHEET A501.
- 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.
- SEE S/AS01 FOR TYPICAL MASONRY EXPANSION JOINT DETAILS.
- MASONRY DIMENSIONS ARE NOMINAL.
- 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.
- 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.
- SEE SHEET A101 FOR EXPANSION JOINTS (EJ) IN HIDDEN LOCATIONS AND NOT SHOWN ON THIS SHEET.



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



5 DETAIL ELEVATION
SCALE: 1" = 1'-0"

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

#	DESCRIPTION	DATE

SEAL:

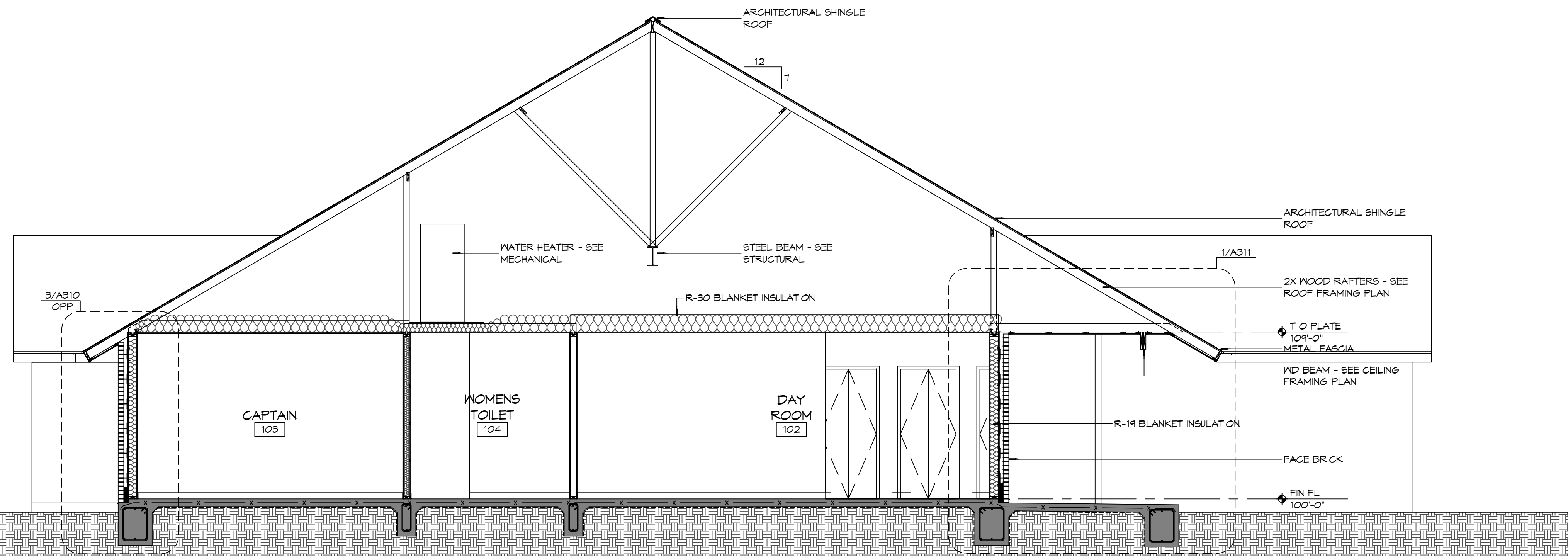
NEW FIRE STATION #10
ST. TAMMANY FIRE PROTECTION
DISTRICT NO. 1
 248 LAKESHORE VISTA BLVD
 SLIDELL, LA 70461
 JOB No: 2519 DATE: 12-05-2025
 DRAWN BY: CKD CHECKED BY: JMS

SHEET TITLE:
BUILDING ELEVATIONS

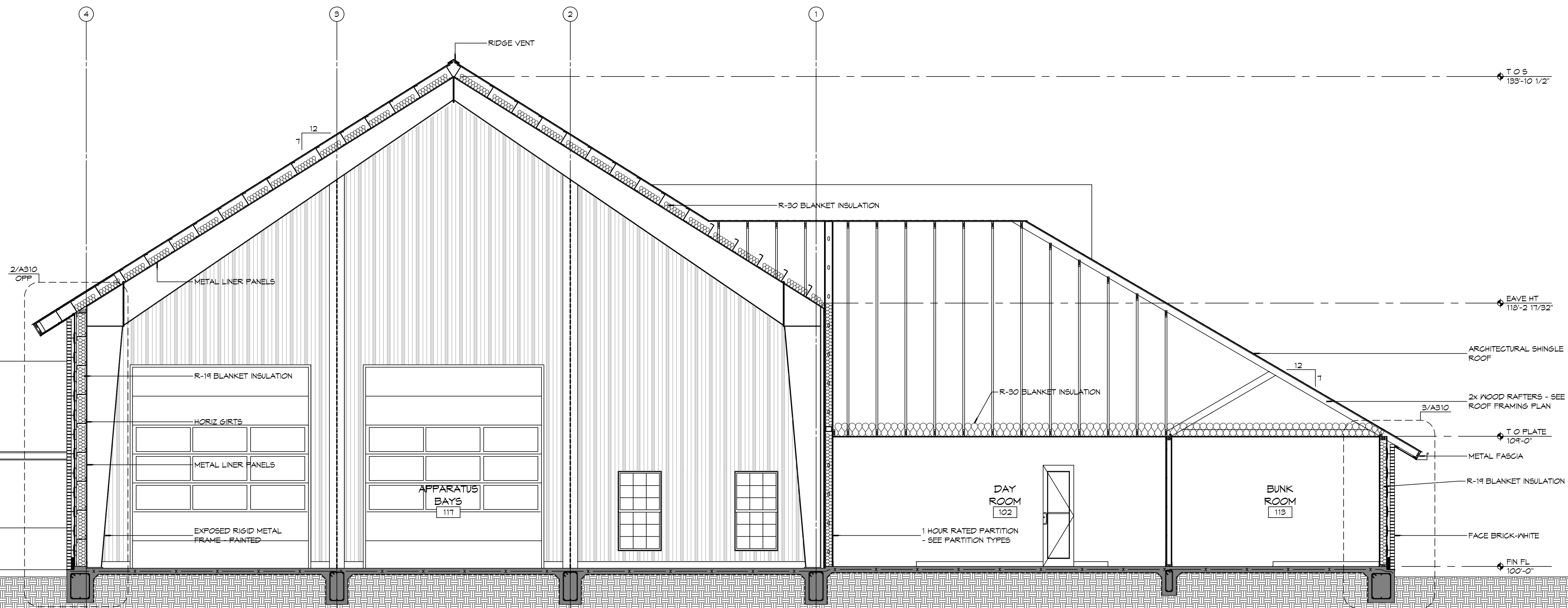
DRAWING NUMBER:
A201

SHEET No: 20 of 31

FILE NAME: A:\1 - Government\13119 - Fire Station #10\Drawings\Construction\A301.dwg, PLOT DATE: 2025, 11:14:42 AM



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



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

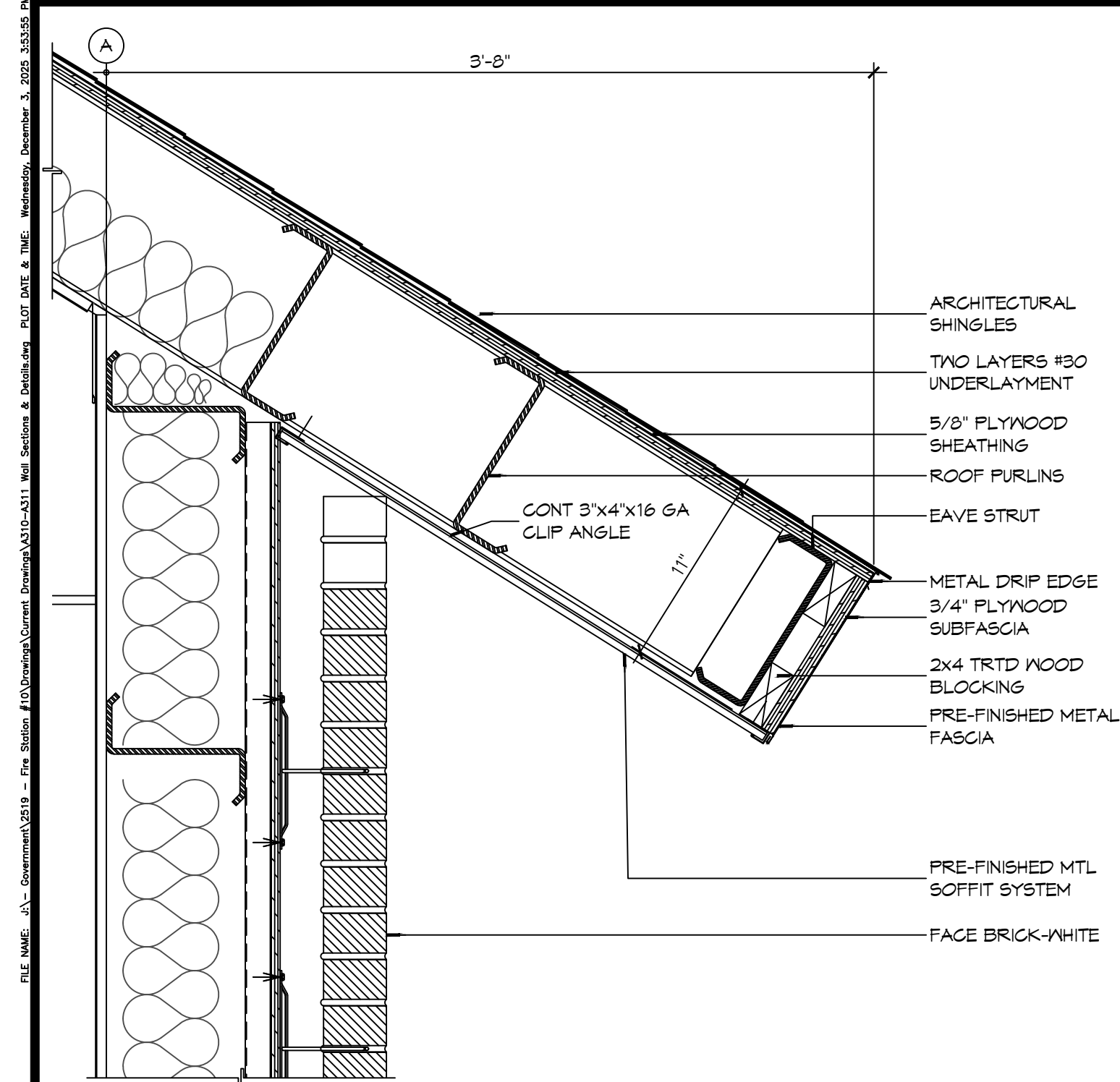
#	DESCRIPTION	REVISIONS	DATE

SEAL:

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

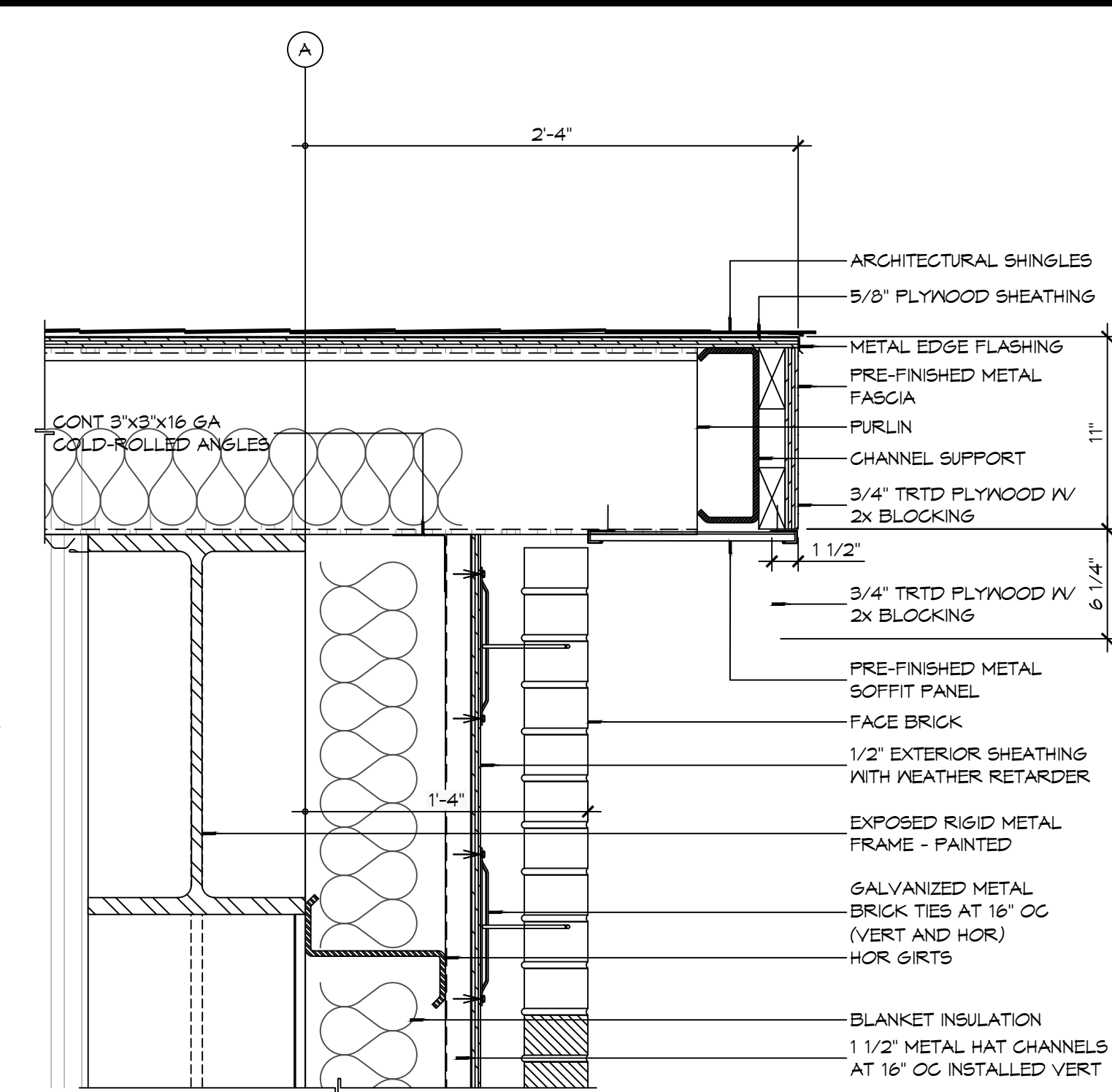
SHEET TITLE:
 BUILDING SECTIONS

DRAWING NUMBER:
A301



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

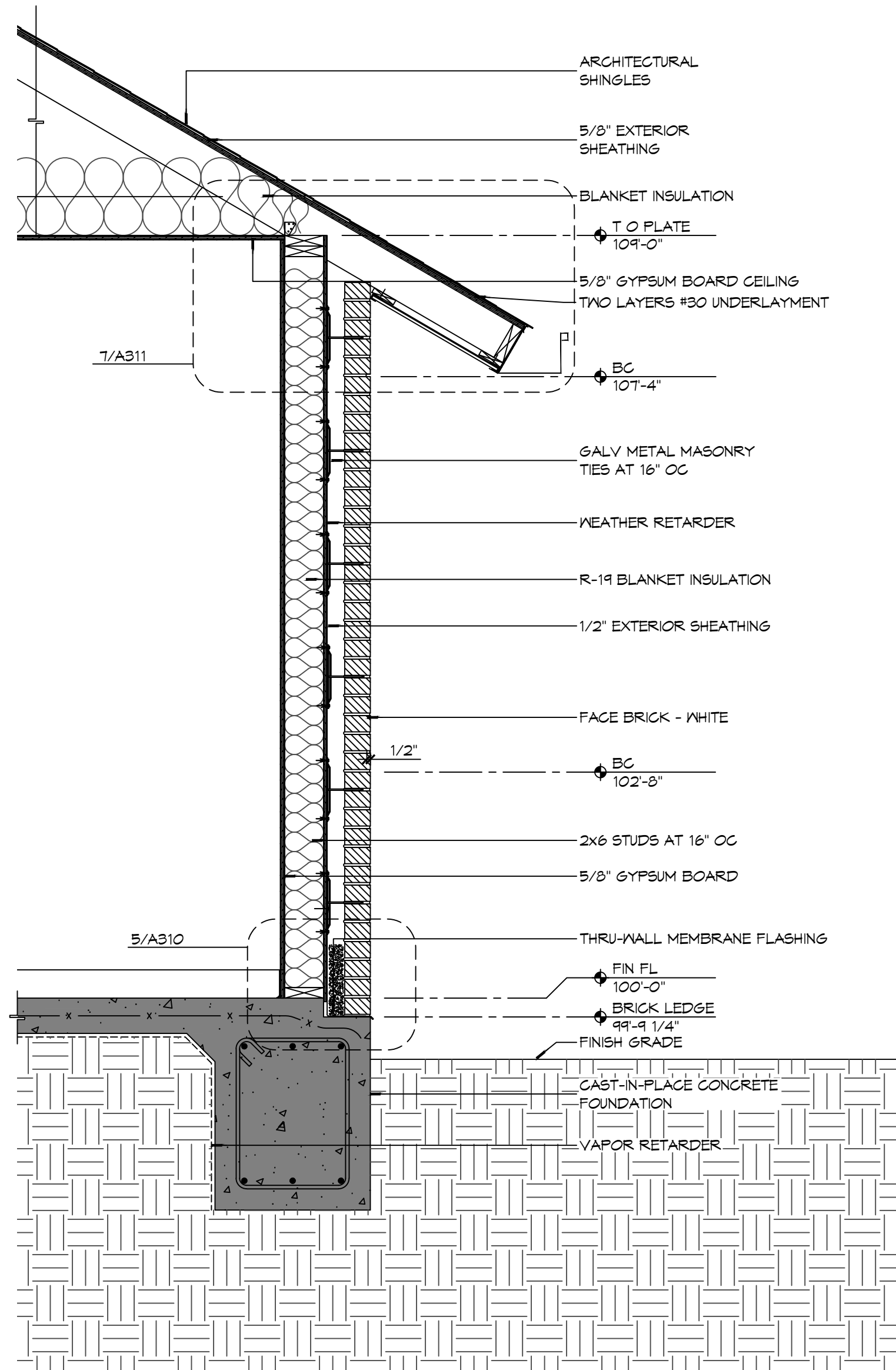
APPARATUS BAY EAVE



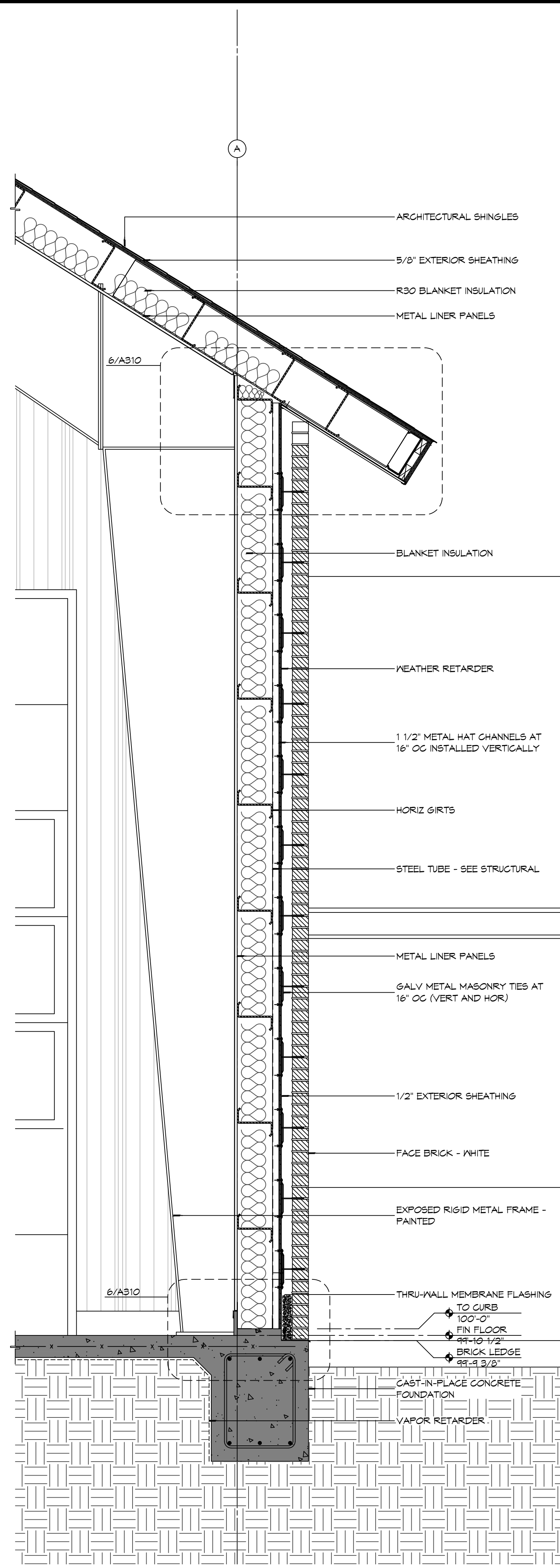
5 DETAIL
SCALE: 1 1/2" = 1'-0"

APPARATUS BAY ROOF RAKE

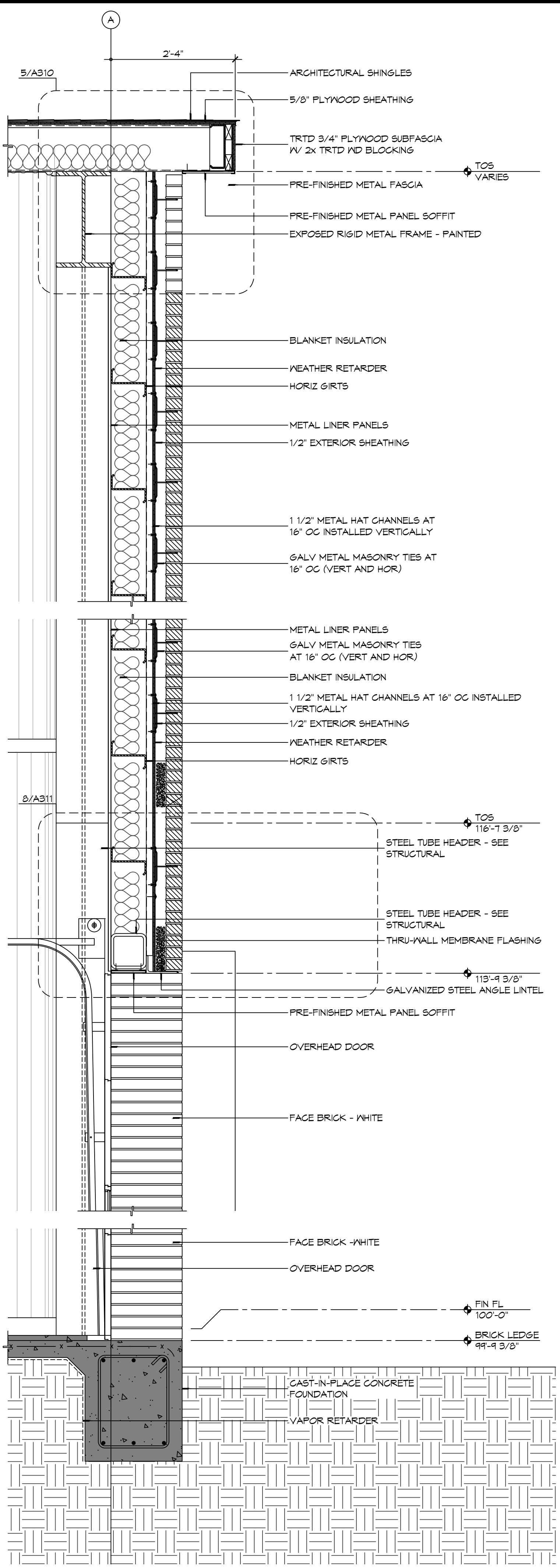
REFER TO BUILDING SECTIONS FOR PLACEMENT OF ATTIC INSULATION AS LOCATION MAY VARY.



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"

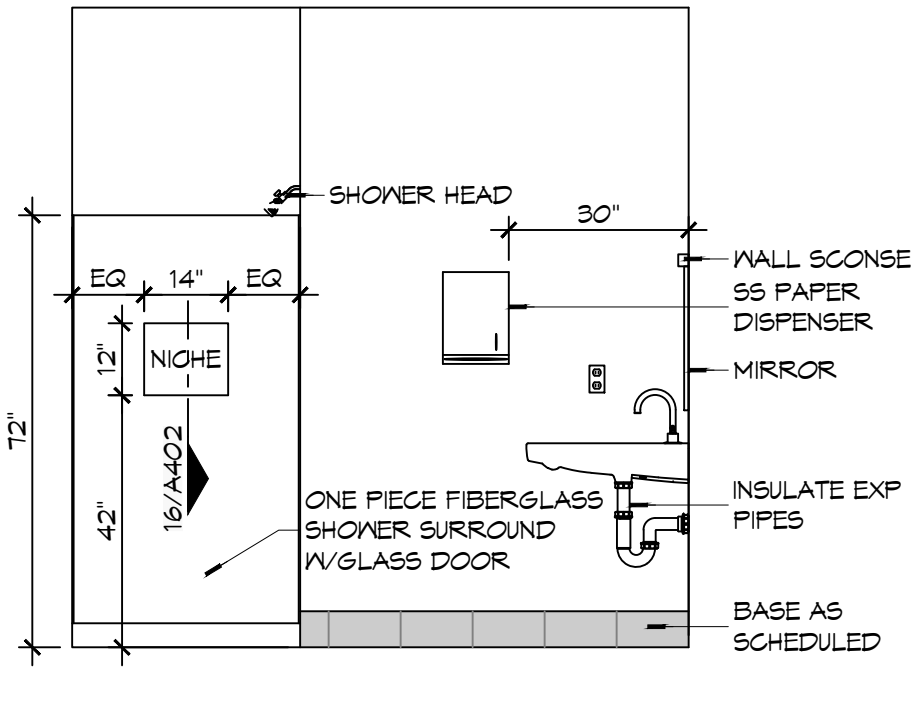
#	DESCRIPTION	DATE

SEAL:

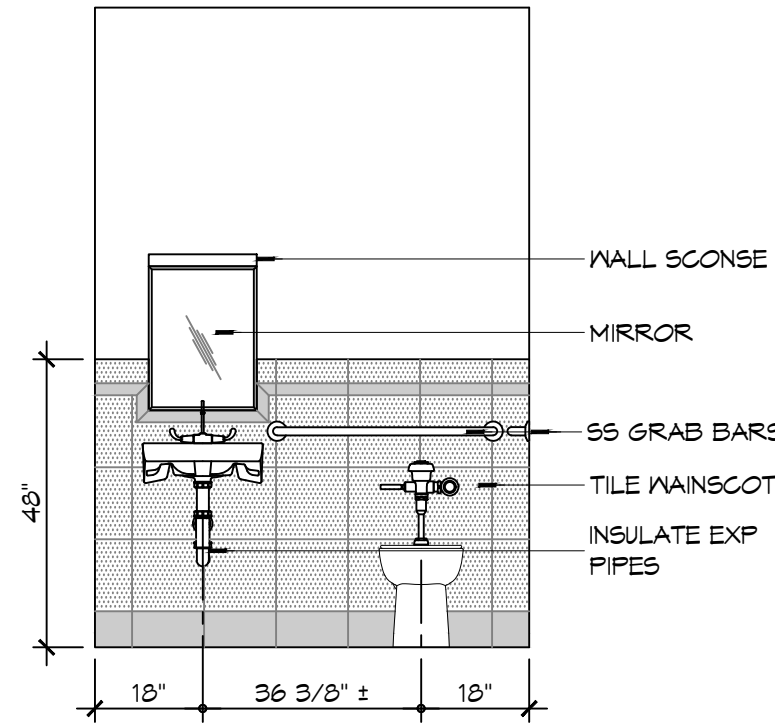
NEW FIRE STATION #10
ST. TAMMANY FIRE PROTECTION DISTRICT No. 1
246 LAKESHORE VISTA BLVD
SLIDELL, LA 70461
JOB No: 2519 DATE: 12-05-2025
DRAWN BY: CKD CHECKED BY: JMS

SHEET TITLE:
BUILDING SECTIONS
DRAWING NUMBER:
A310

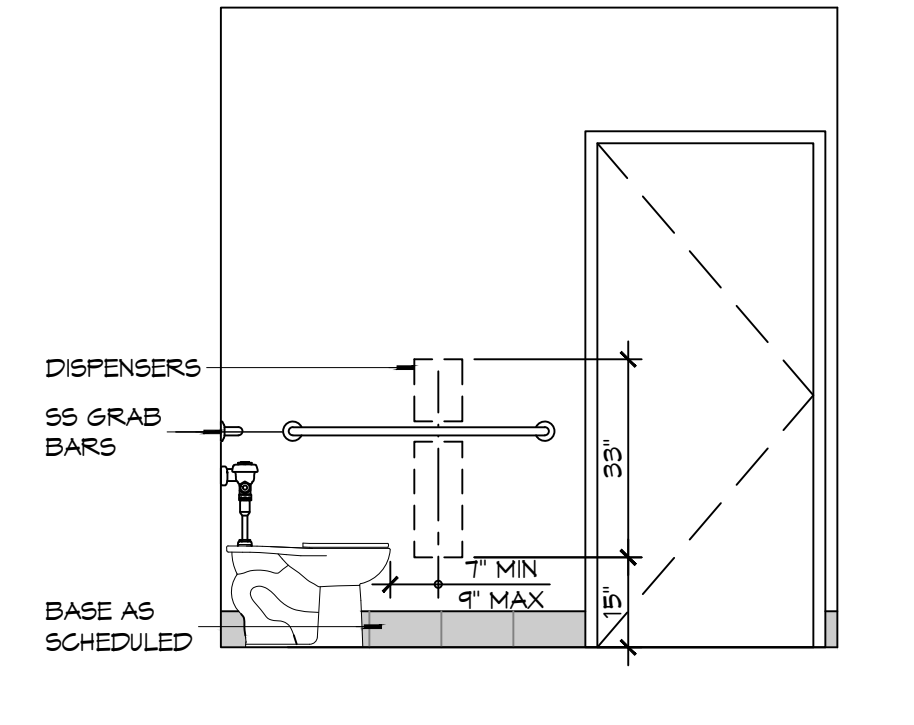
FILE NAME: A:_Drawing\2019 - The Shores At Dammon\Interior Elevations.dwg, PLOT DATE: 12/10/2019, 12:10:12, Plotter: HP DesignJet 5000, Plot Size: 36" x 48", Plot Scale: 1/8" = 1'-0", Plot Orientation: Landscape, Plotter Driver: HP DesignJet 5000 PCL6



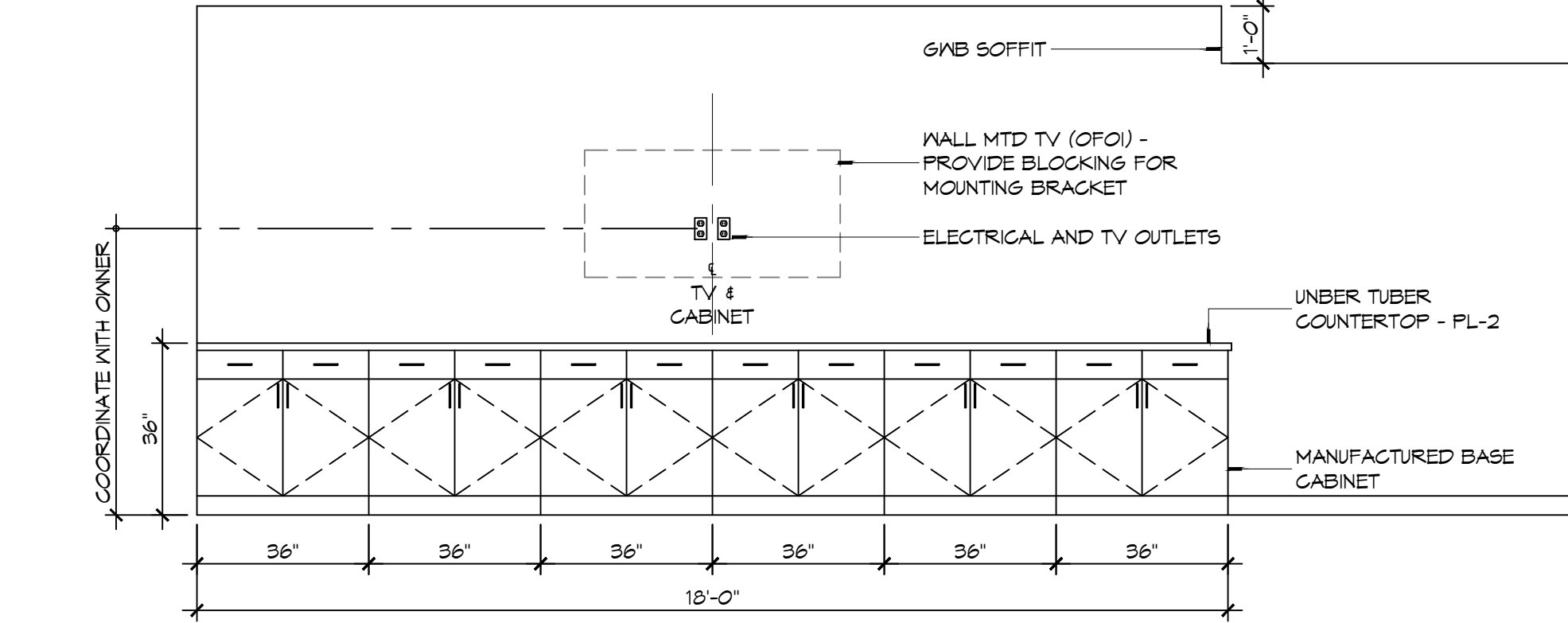
15 INTERIOR ELEV SCALE: 3/8" = 1'-0" WOMENS TOILET - 104



14 INTERIOR ELEV SCALE: 3/8" = 1'-0" WOMENS TOILET - 104

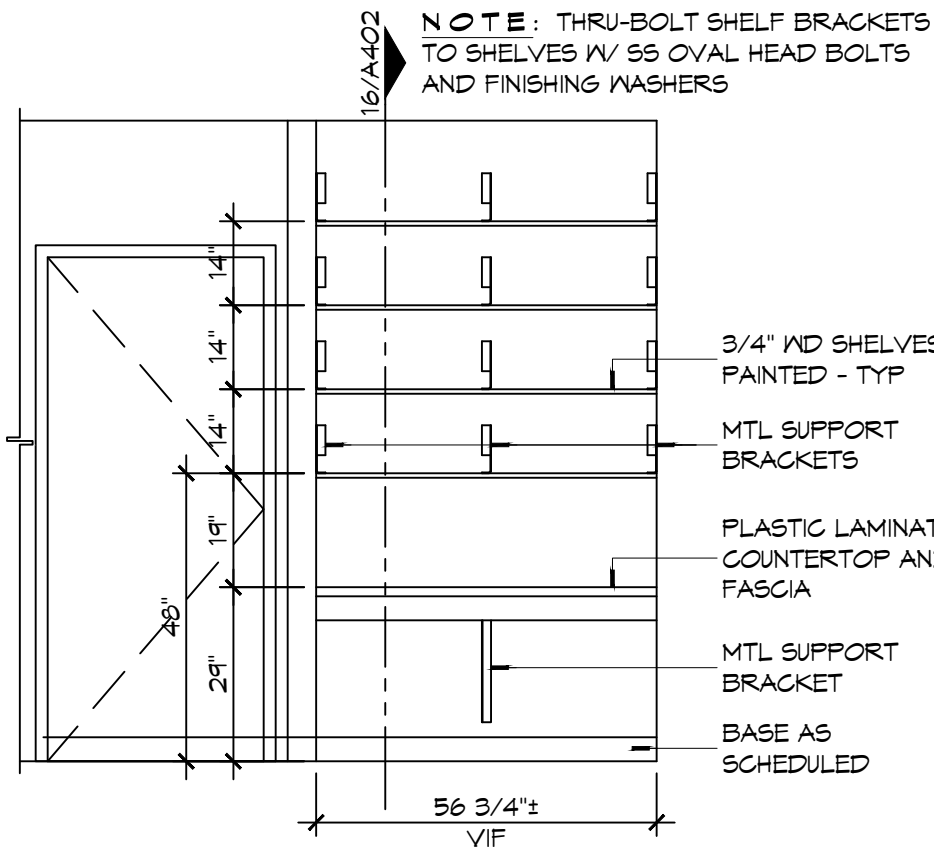


13 INTERIOR ELEV SCALE: 3/8" = 1'-0" WOMENS TOILET - 104

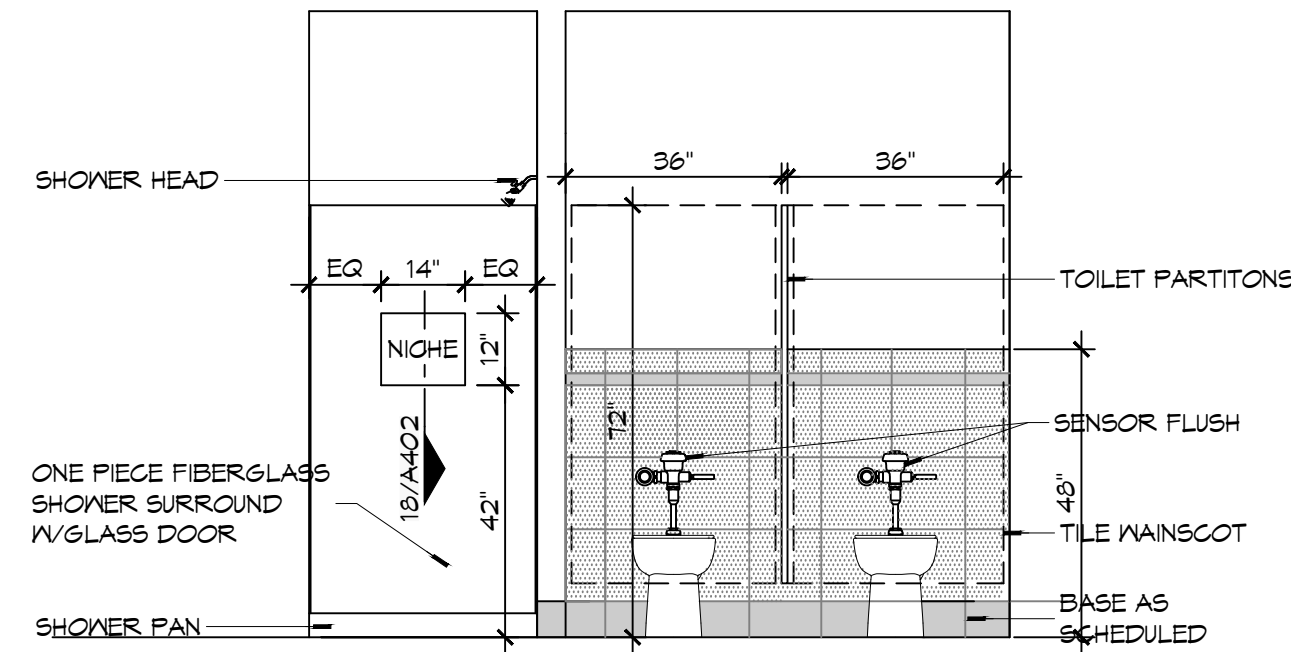


12 INTERIOR ELEVATION SCALE: 3/8" = 1'-0" DAY ROOM - 102

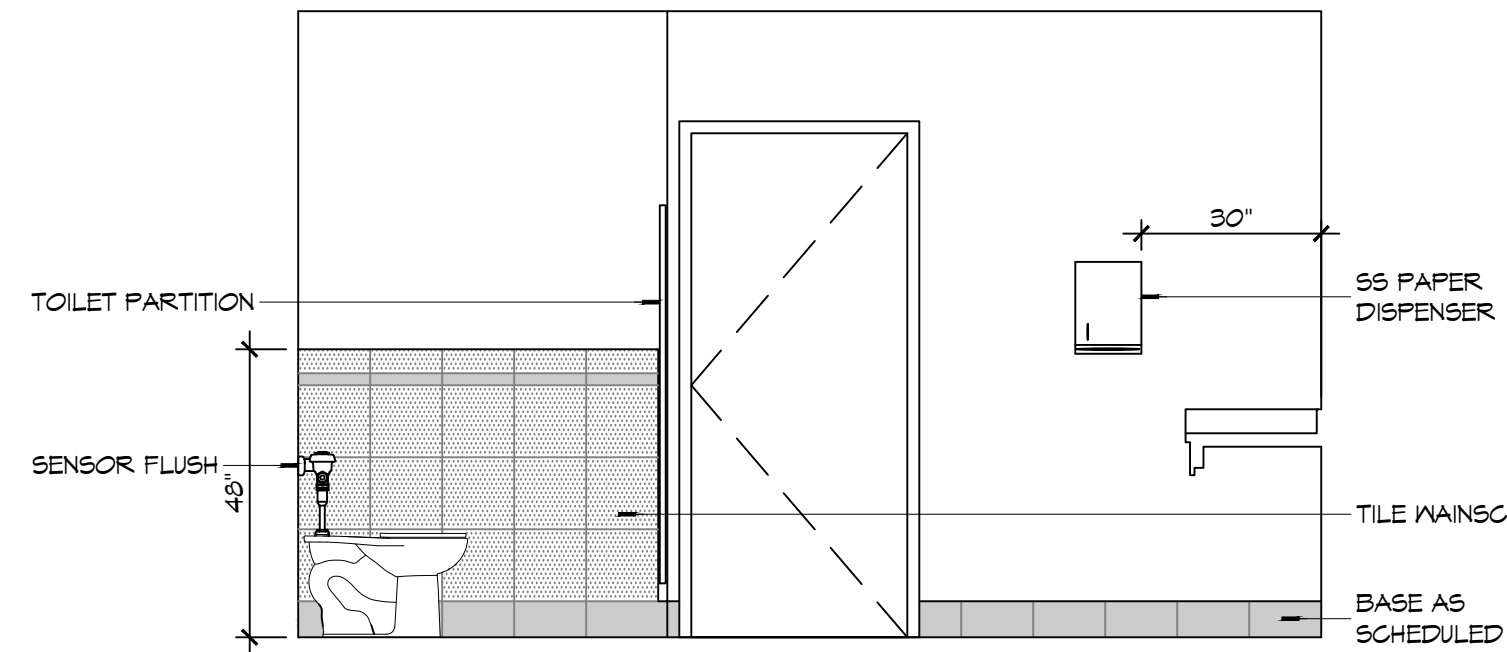
- ### INTERIOR ELEVATION NOTES
- REFER TO SHEET 0003 FOR TYPICAL MOUNTING HEIGHTS AND FLOOR CLEARANCE REQUIREMENTS WHERE NOT SHOWN ON THIS SHEET.
 - NOT USED
 - PROVIDE 1/8" R EASED EDGES AT ALL EXPOSED GRANITE COUNTERTOP AND BACKSLASH EDGES UNLESS OTHERWISE NOTED.
 - BLOCKING FOR CABINETS IS NOT SHOWN ON THESE DRAWINGS. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND COORDINATING WALL BLOCKING FOR CABINETRY. WHERE WOOD BLOCKING IS PROHIBITED BY CODE PROVIDE GALVANIZED SHEET BLOCKING.
 - PROVIDE 5/8" CEMENTITIOUS BACKERBOARD BEHIND ALL CERAMIC WALL TILE INSTALLATIONS. WHERE CERAMIC WALL TILE IS APPLIED TO A RATED WALL ASSEMBLY USE TYPE "X" MOISTURE RESISTANT GYB.
 - PROVIDE FULL FINISHED END PANELS ON ALL EXPOSED CASEWORK.
 - PROVIDE FILLER PANEL WHERE CASEWORK MEETS WALL. SCRIBE AS NECESSARY TO ACHIEVE TIGHT FIT TO FINISH SURFACE.
 - FIELD VERIFY (VF) ALL DIMENSIONS PRIOR TO SHOP DRAWING SUBMITTAL.
 - ELEC OUTLETS INSTALLED AT GRANITE BACK SPLASHES SHALL BE MOUNTED IN A HORIZONTAL ORIENTATION WITH SATIN STAINLESS STEEL PLATE.
 - CLEARANCE REDUCTION SYSTEM SHALL COMPLY WITH NFPA 96.4.2.3.
 - SEE SHEET M102 FOR EXHAUST HOOD INSTALLATION DETAILS.
 - SINKS SHOWN ON THESE DRAWINGS INDICATE LOCATIONS ONLY AND NOT ACTUAL SIZES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ACTUAL SIZES AND TYPES WITH CABINET FABRICATOR PRIOR TO FABRICATION.



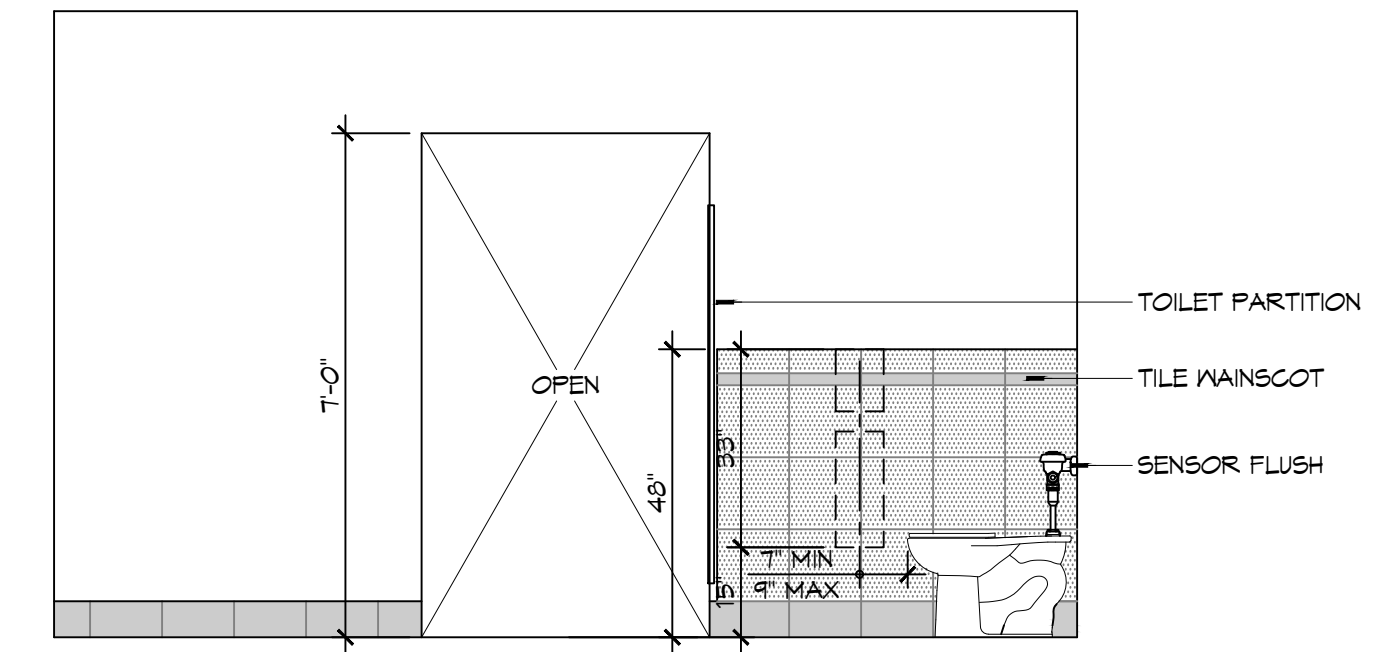
11 INTERIOR ELEV SCALE: 3/8" = 1'-0" BUNK ROOM - 113



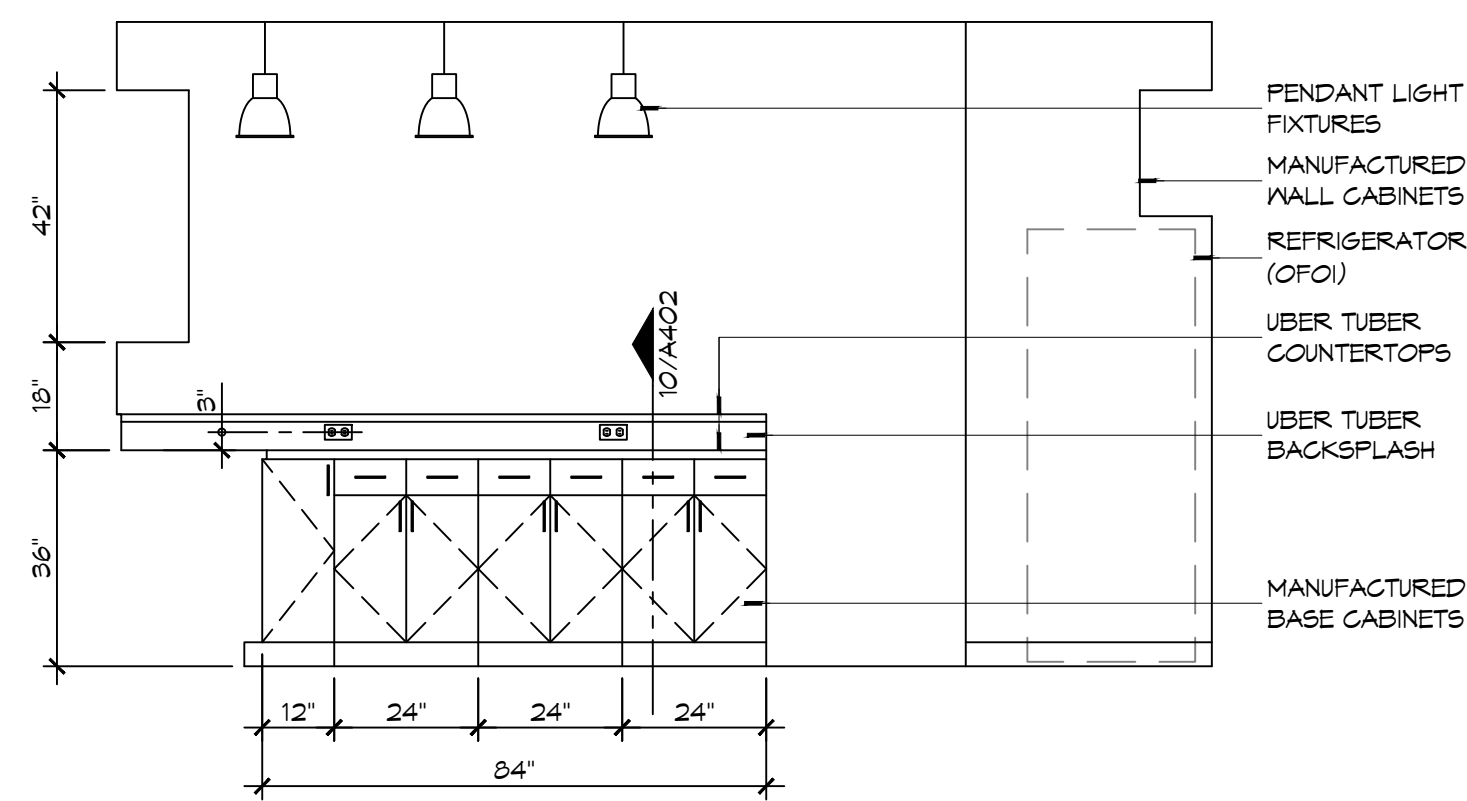
10 INTERIOR ELEVATION SCALE: 3/8" = 1'-0" MENS TOILET - 114 & MENS SHOWER - 116



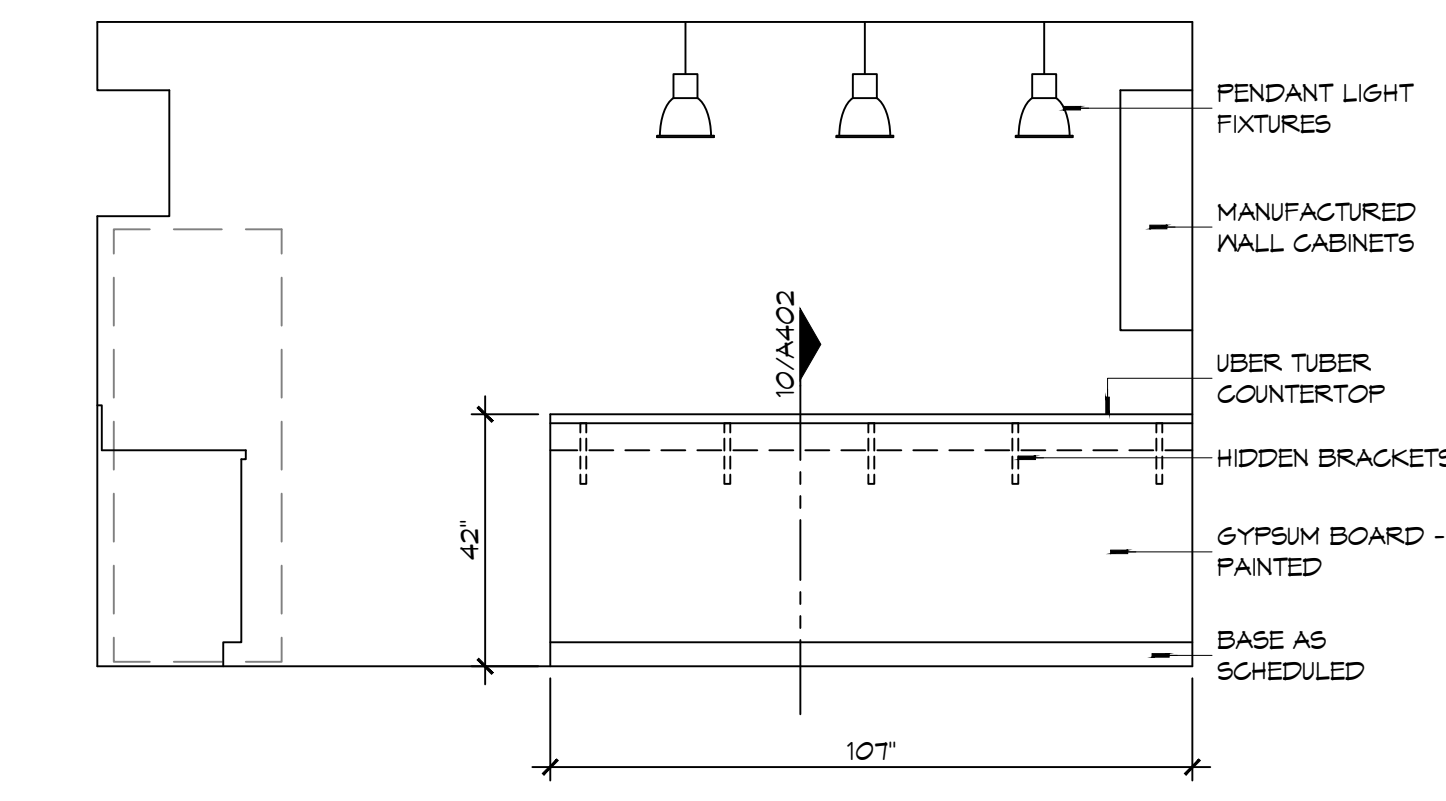
9 INTERIOR ELEVATION SCALE: 3/8" = 1'-0" MENS TOILET - 114



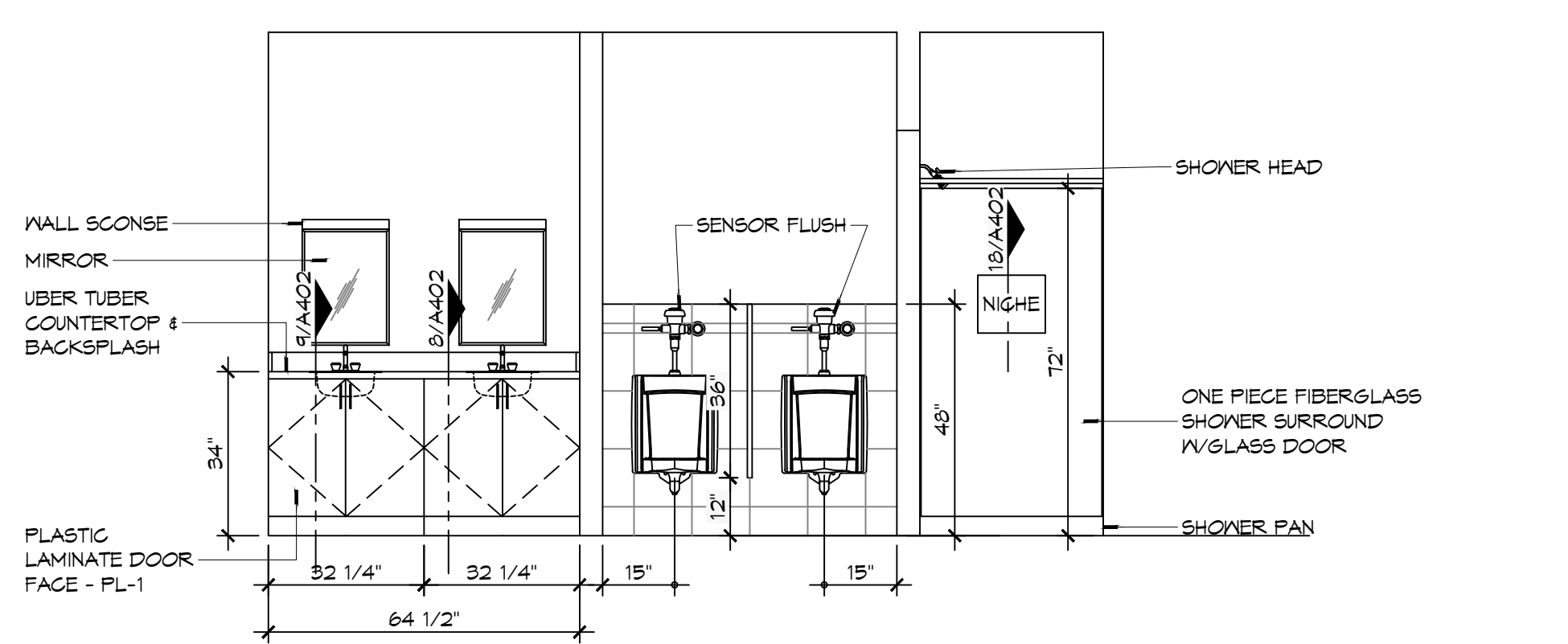
8 INTERIOR ELEVATION SCALE: 3/8" = 1'-0" MENS TOILET - 114



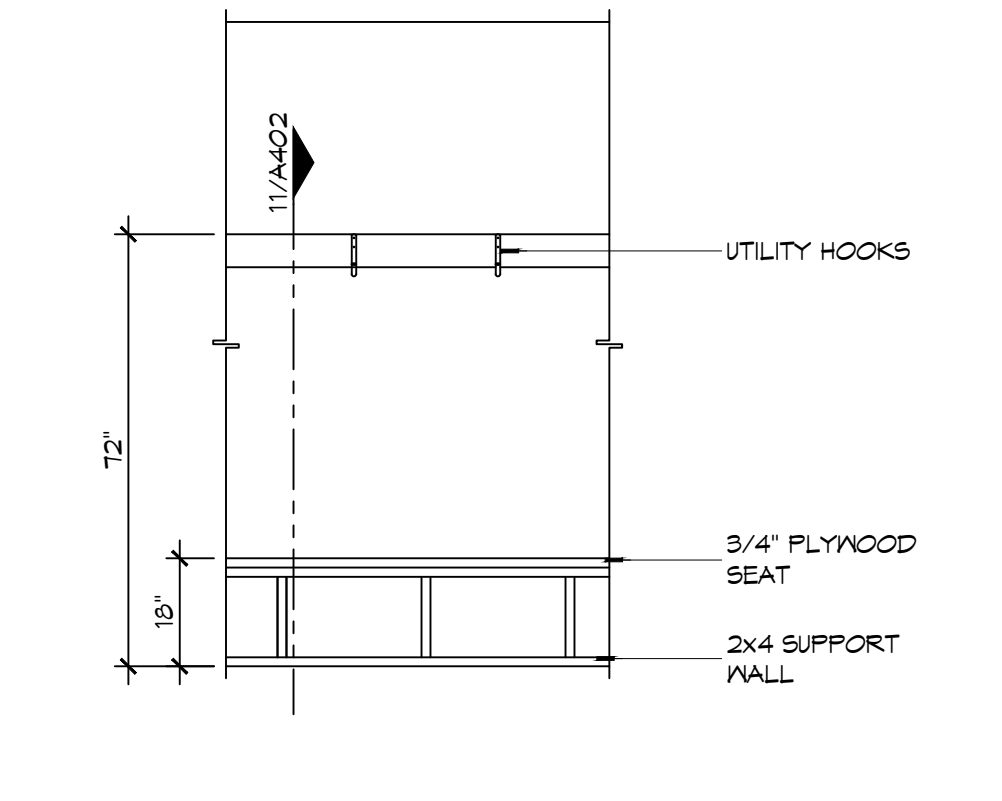
7 INTERIOR ELEVATION SCALE: 3/8" = 1'-0" KITCHEN - 108



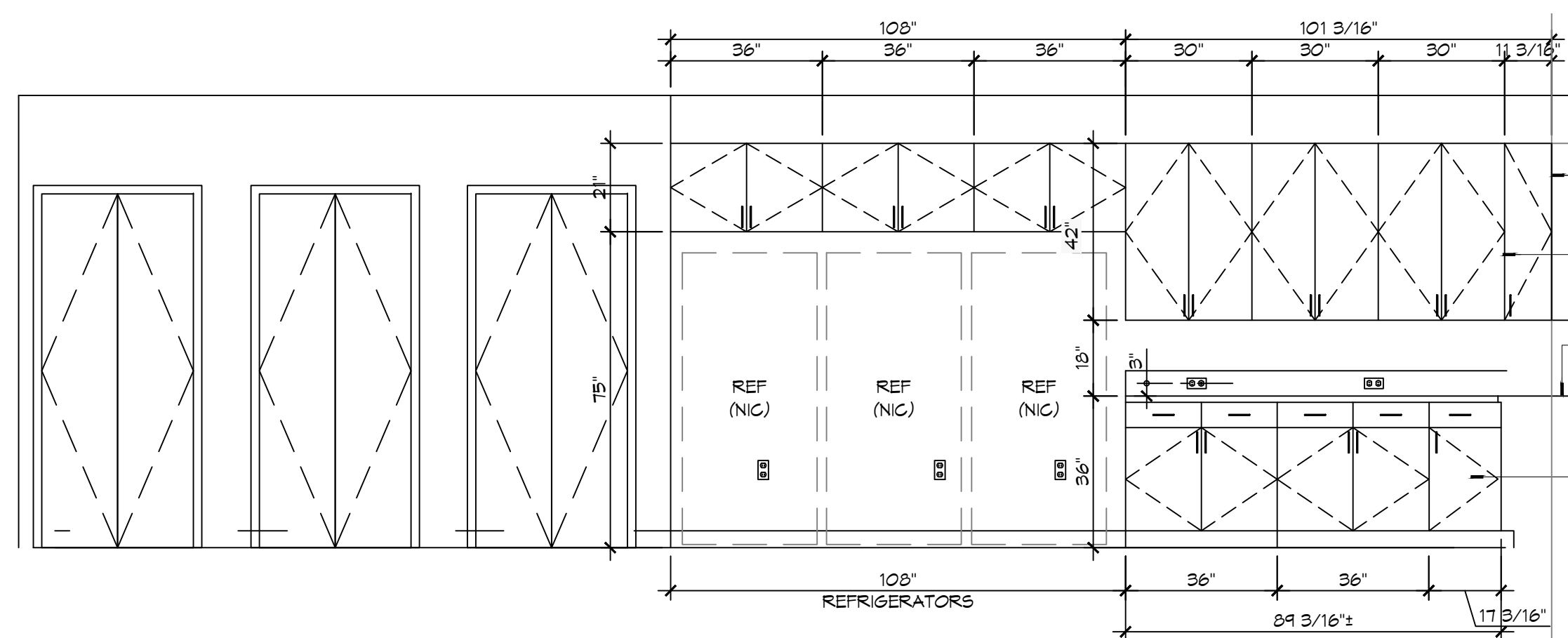
6 INTERIOR ELEVATION SCALE: 3/8" = 1'-0" KITCHEN - 108



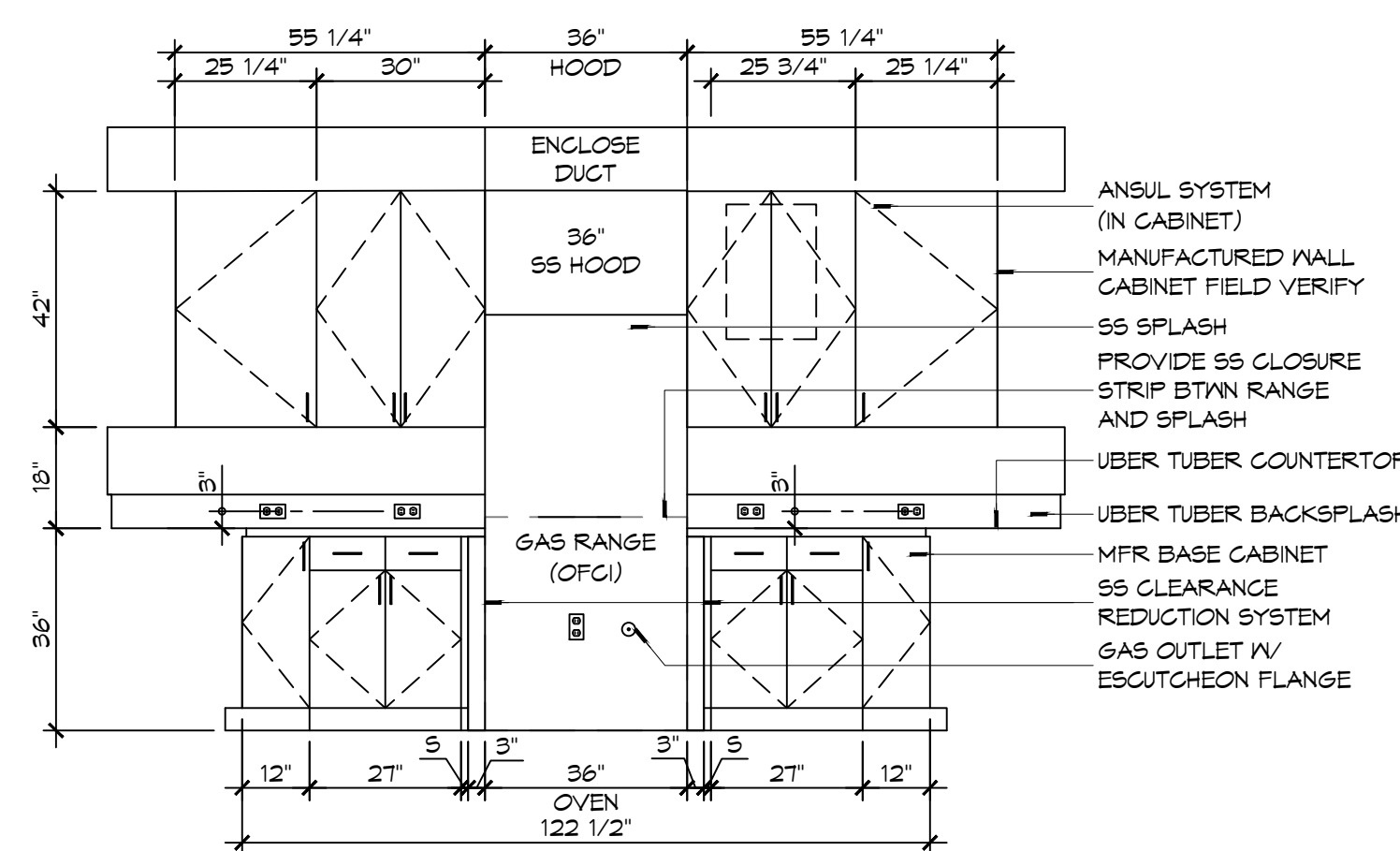
5 INTERIOR ELEVATION SCALE: 3/8" = 1'-0" MENS TOILET - 114 & MENS SHOWER - 116



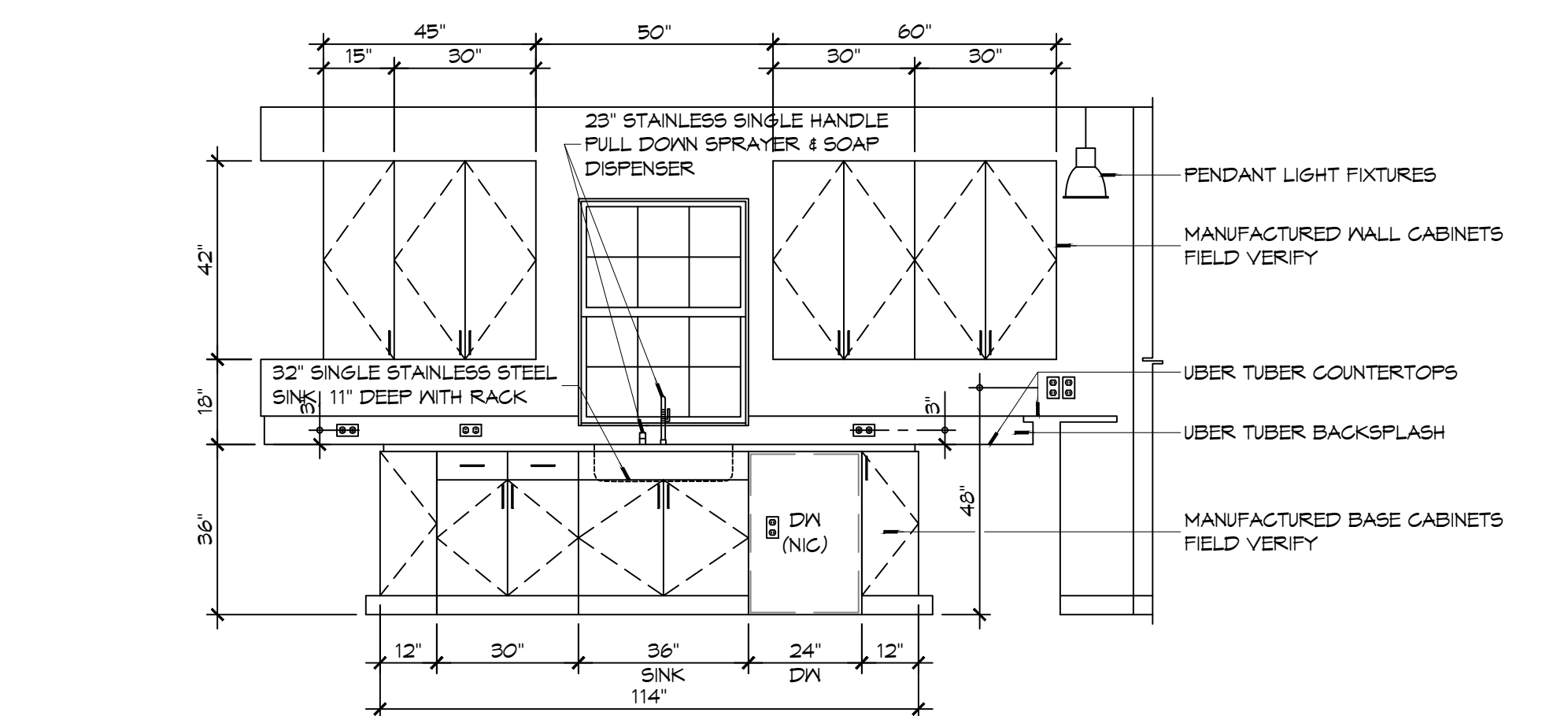
4 INTERIOR ELEV SCALE: 3/8" = 1'-0" GEAR ROOM - 122



3 INTERIOR ELEVATION SCALE: 3/8" = 1'-0" KITCHEN - 108



2 INTERIOR ELEVATION SCALE: 3/8" = 1'-0" KITCHEN - 108



1 INTERIOR ELEVATION SCALE: 3/8" = 1'-0" KITCHEN - 108

DAMMON ENGINEERING, INC.
LOUISIANA & MISSISSIPPI

Chief Engineer: Brian Misch, PE
554 Old Spanish Trail
Slidell, LA 70458
www.dammonengineering.com
info@dammonengineering.com
PH: 985.649.5832

#	DESCRIPTION	DATE

SEAL:

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

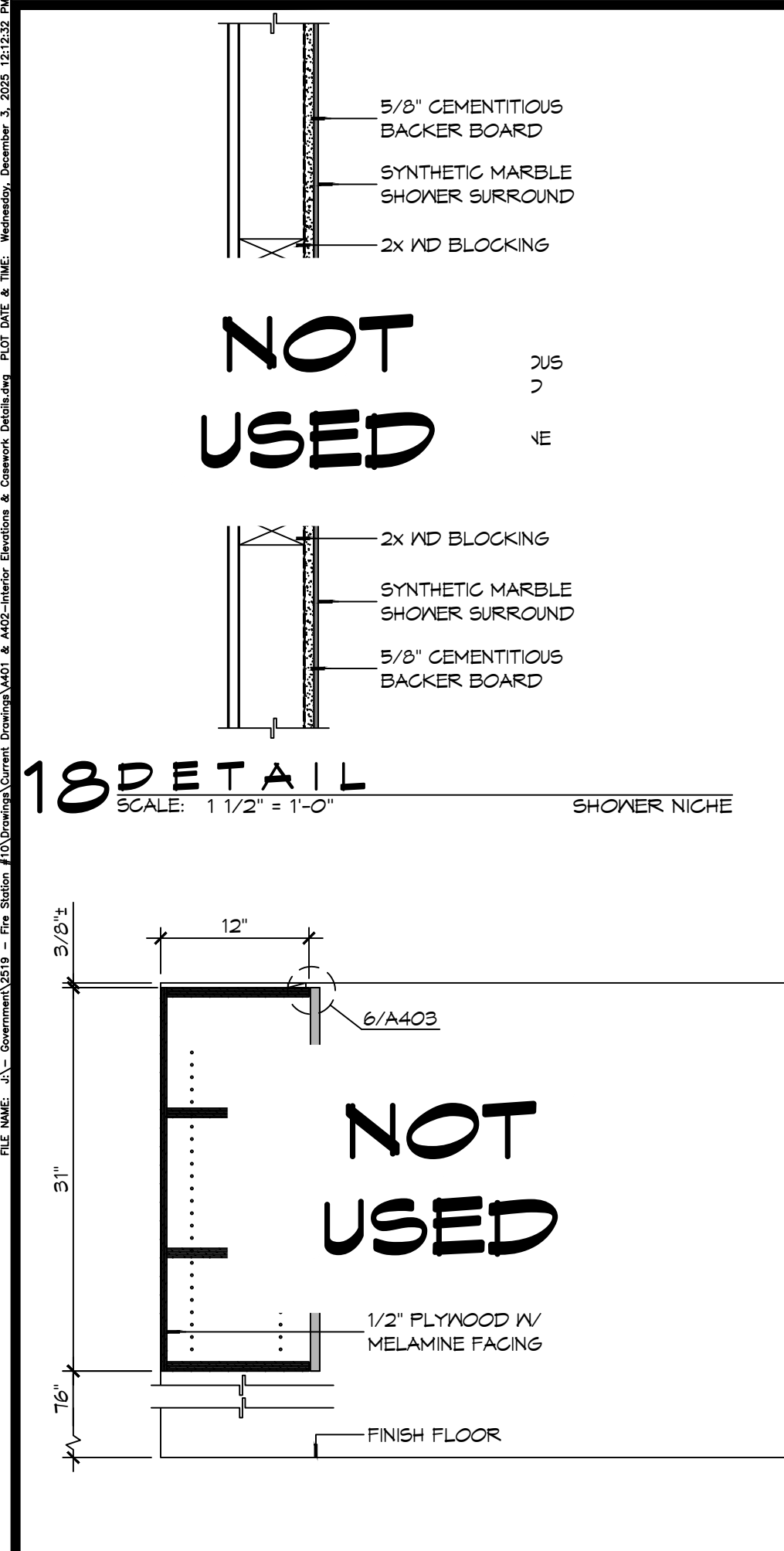
246 LAKESHORE VISTA BLVD
SLIDELL, LA 70461

JOB No: 2519 DATE: 12-05-2025
DRAWN BY: CKD CHECKED BY: JMS

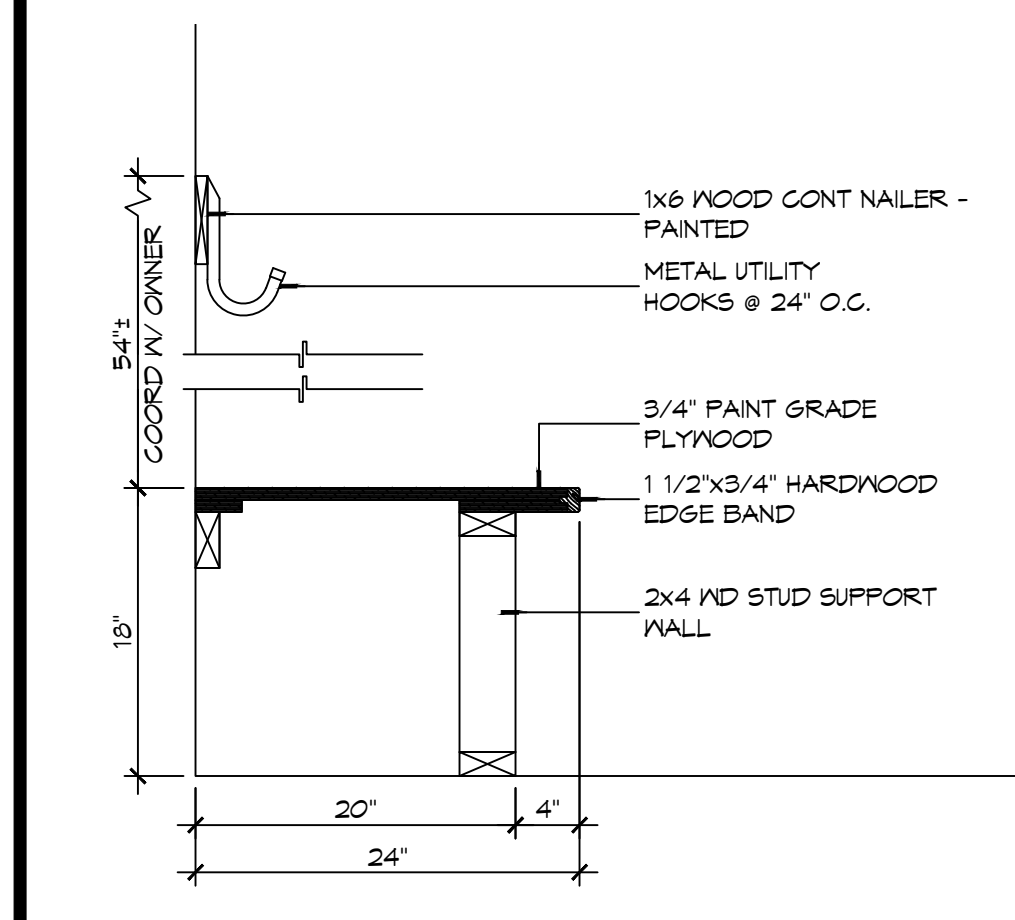
SHEET TITLE:
INTERIOR ELEVATIONS

DRAWING NUMBER:
A401

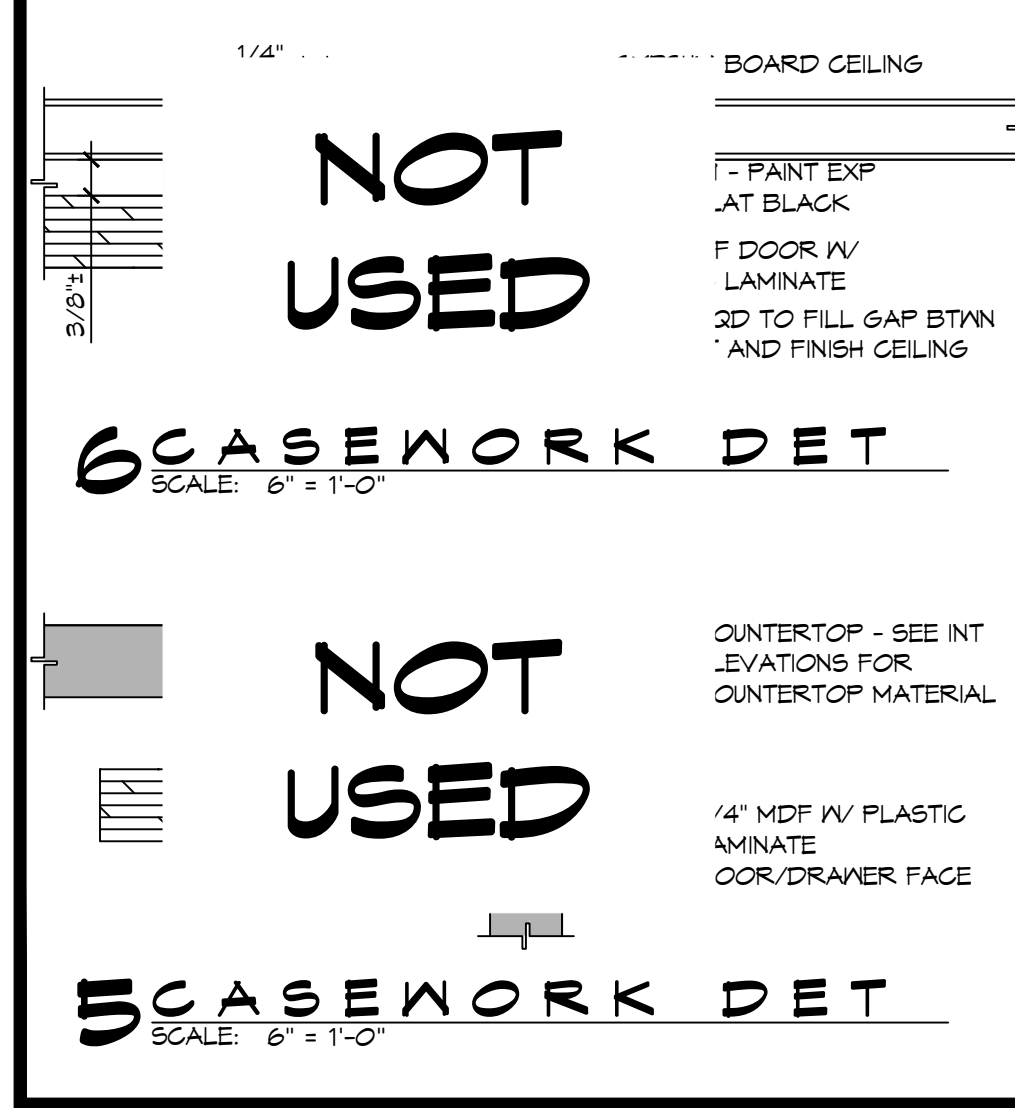
SHEET No: 26 of 31



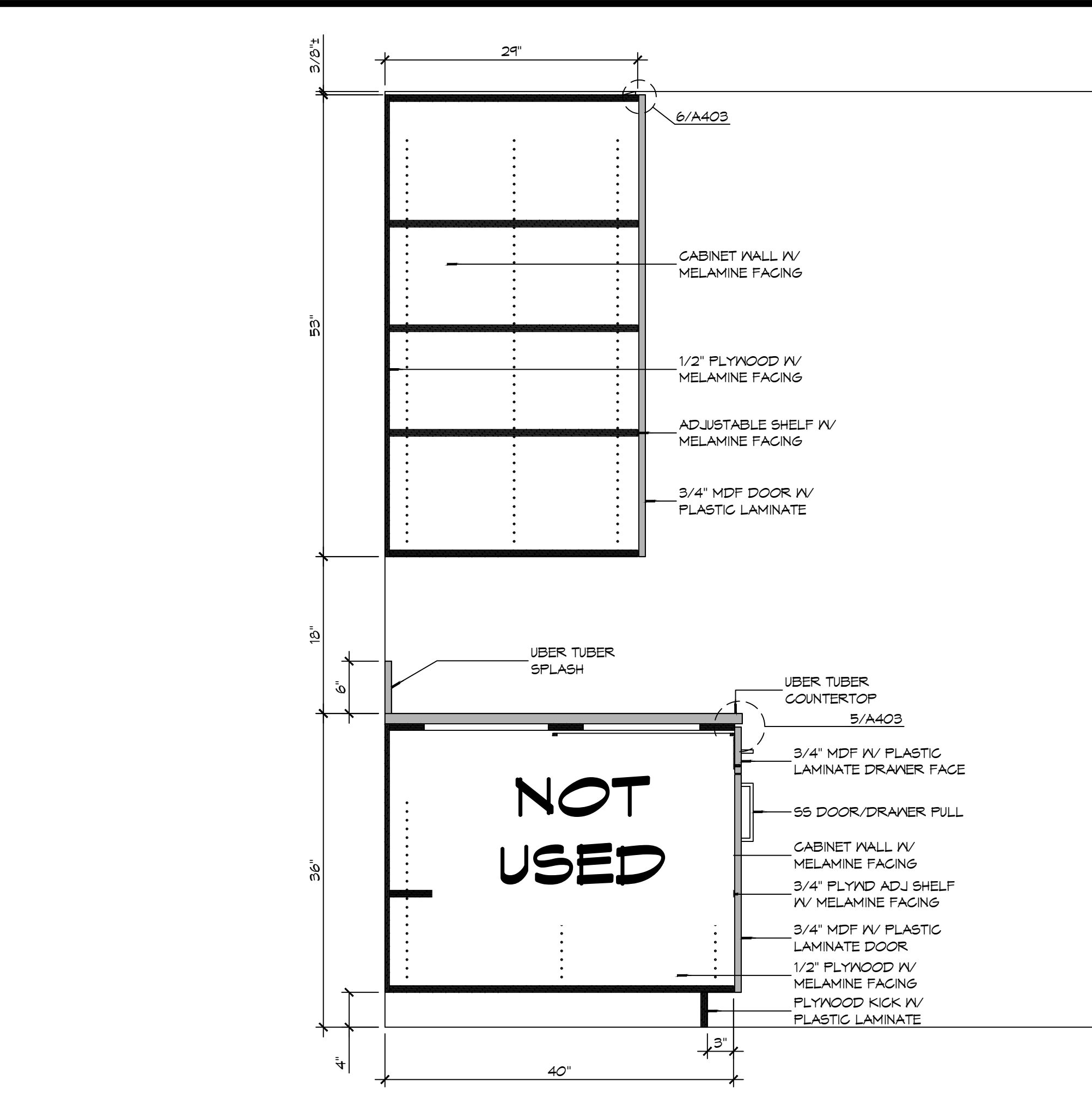
18 CASEWORK DET
SCALE: 1 1/2\"/>



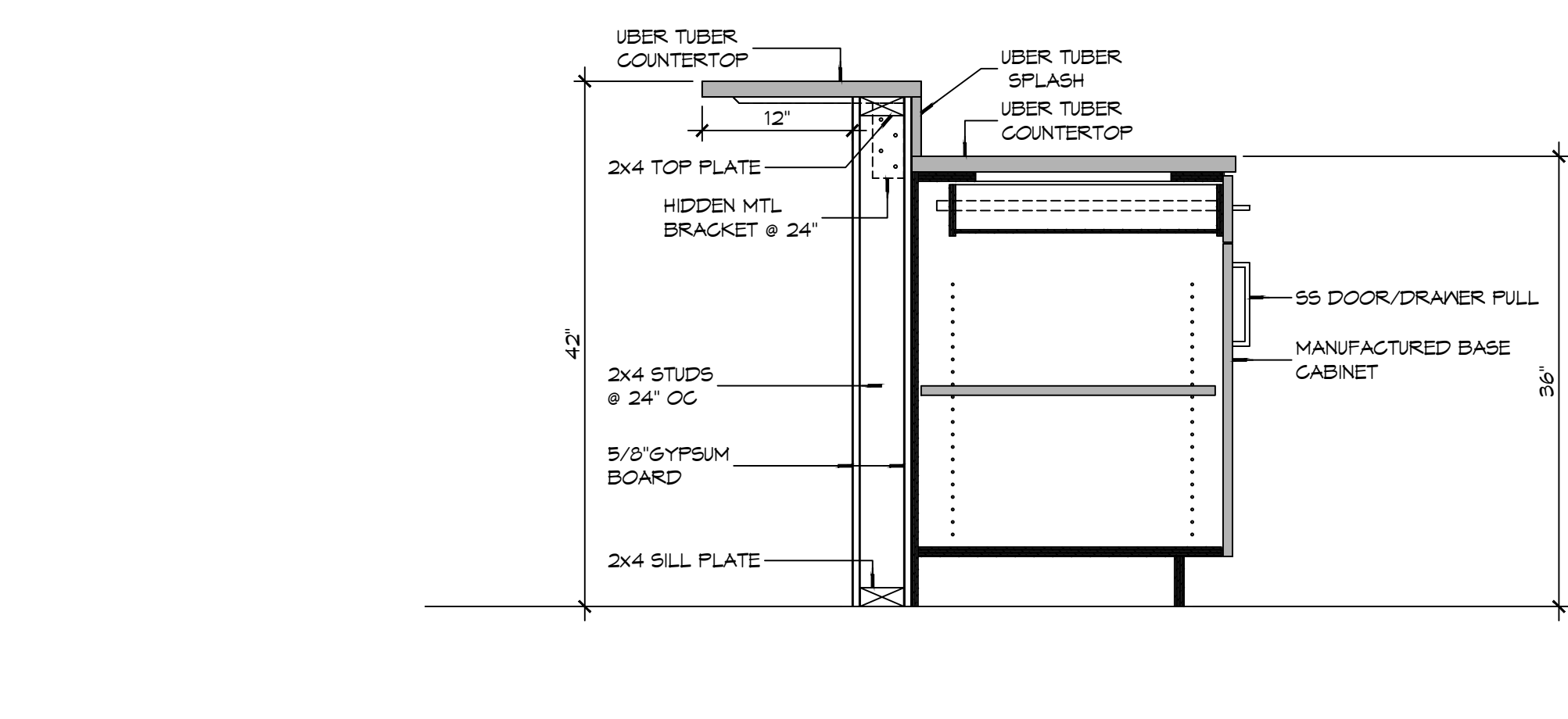
17 CASEWORK DET
SCALE: 1\"/>



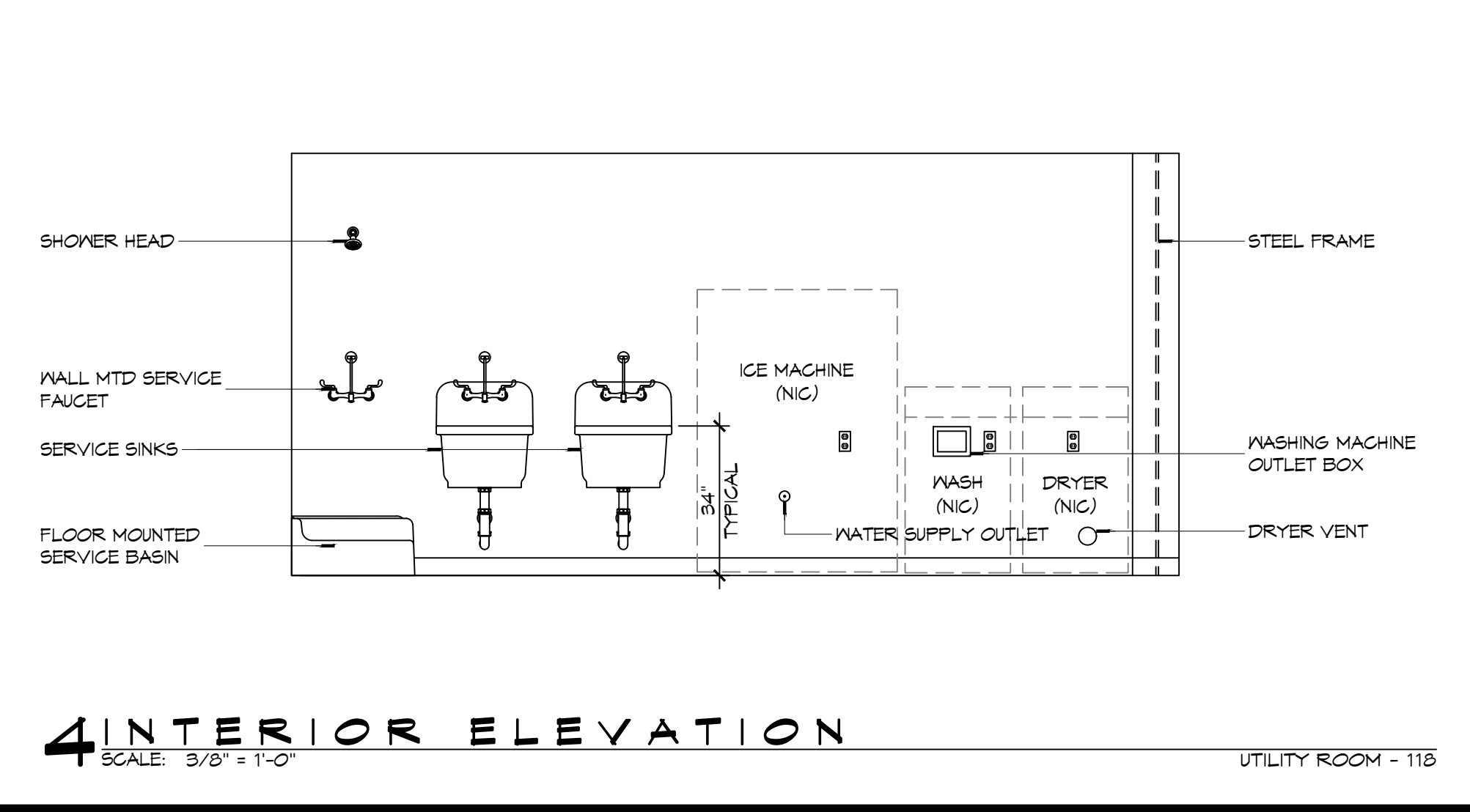
6 CASEWORK DET
SCALE: 6\"/>



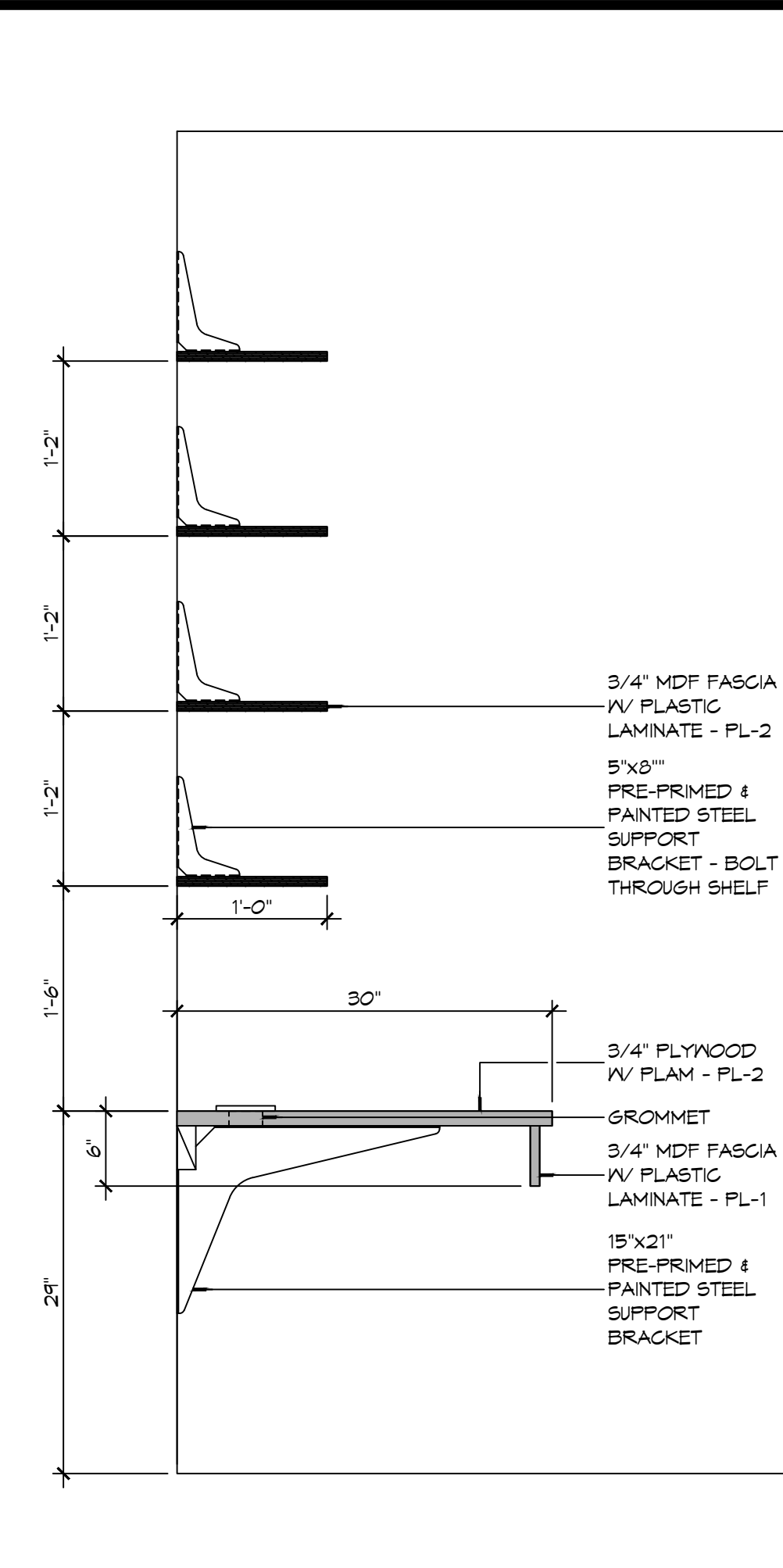
16 CASEWORK DETAIL
SCALE: 1\"/>



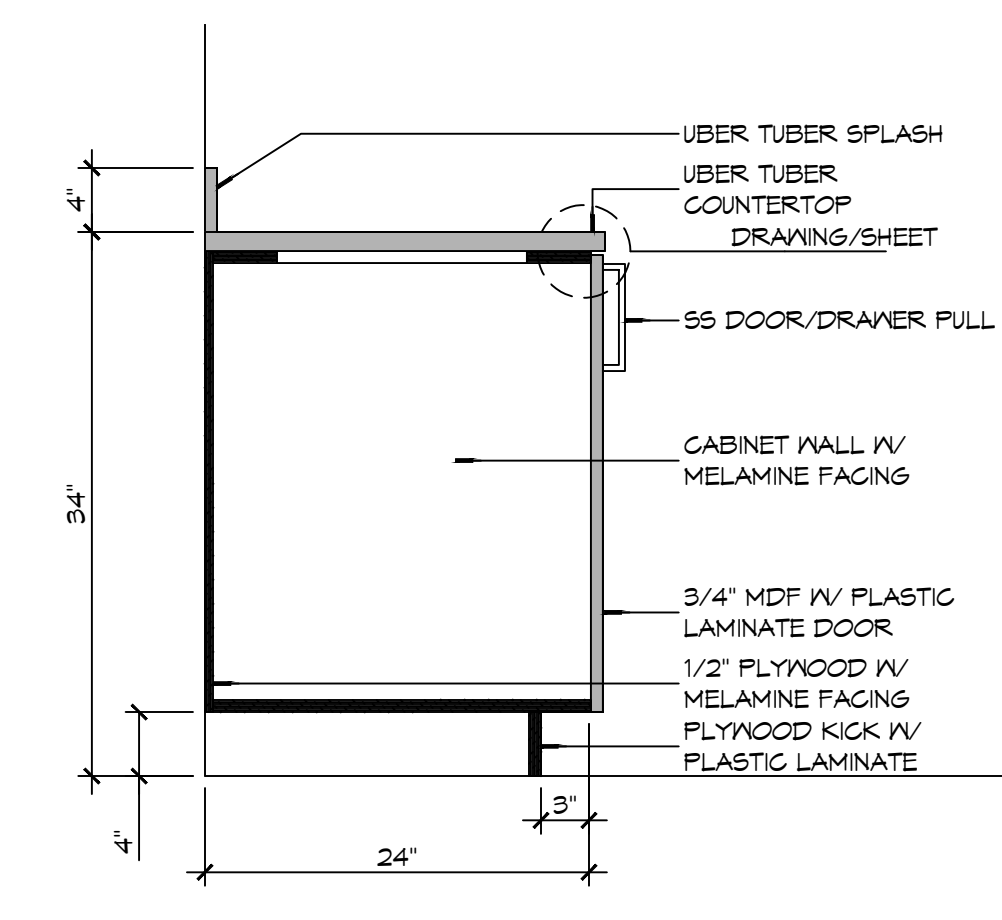
10 CASEWORK DETAIL
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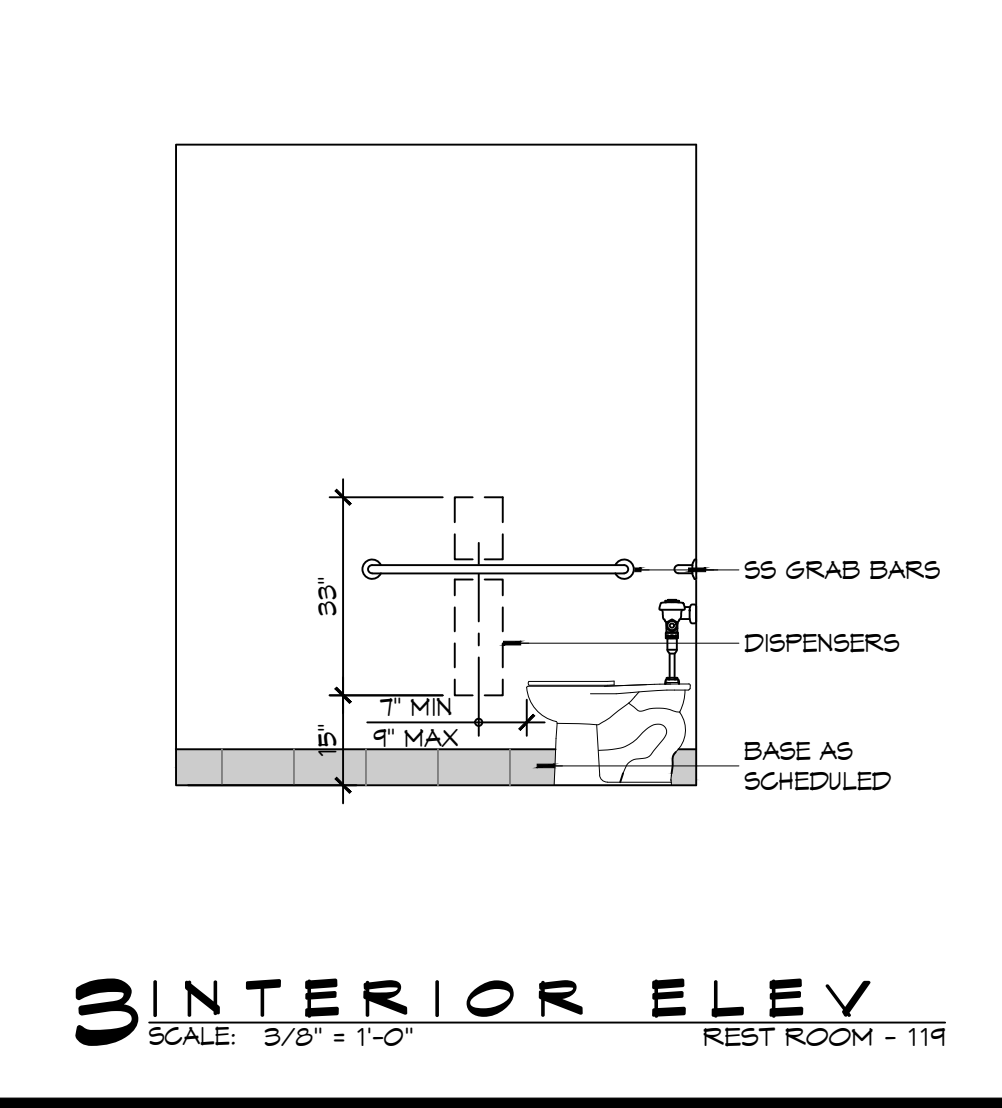
4 INTERIOR ELEVATION
SCALE: 3/8\"/>



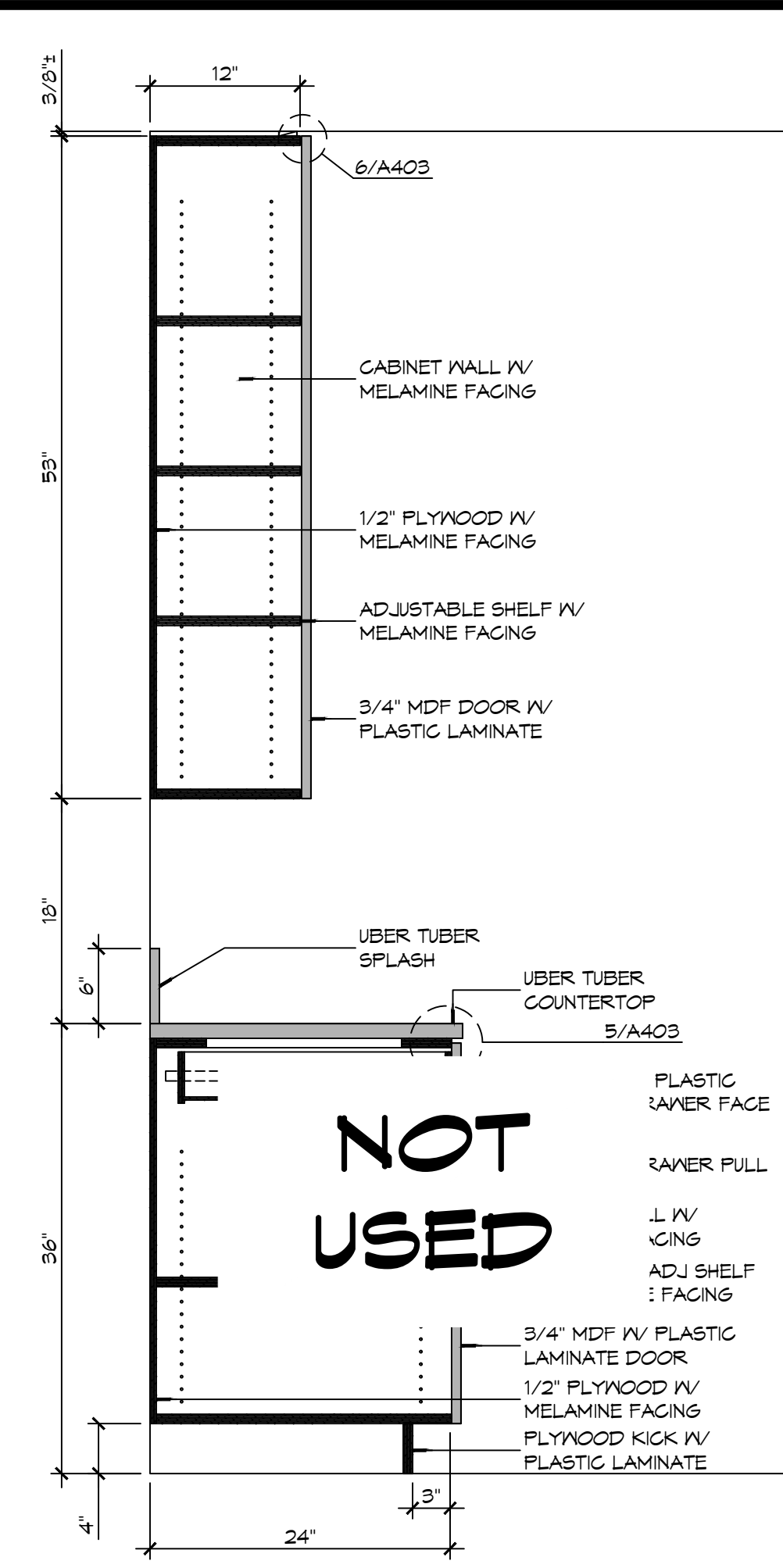
15 CASEWORK DET
SCALE: 1\"/>



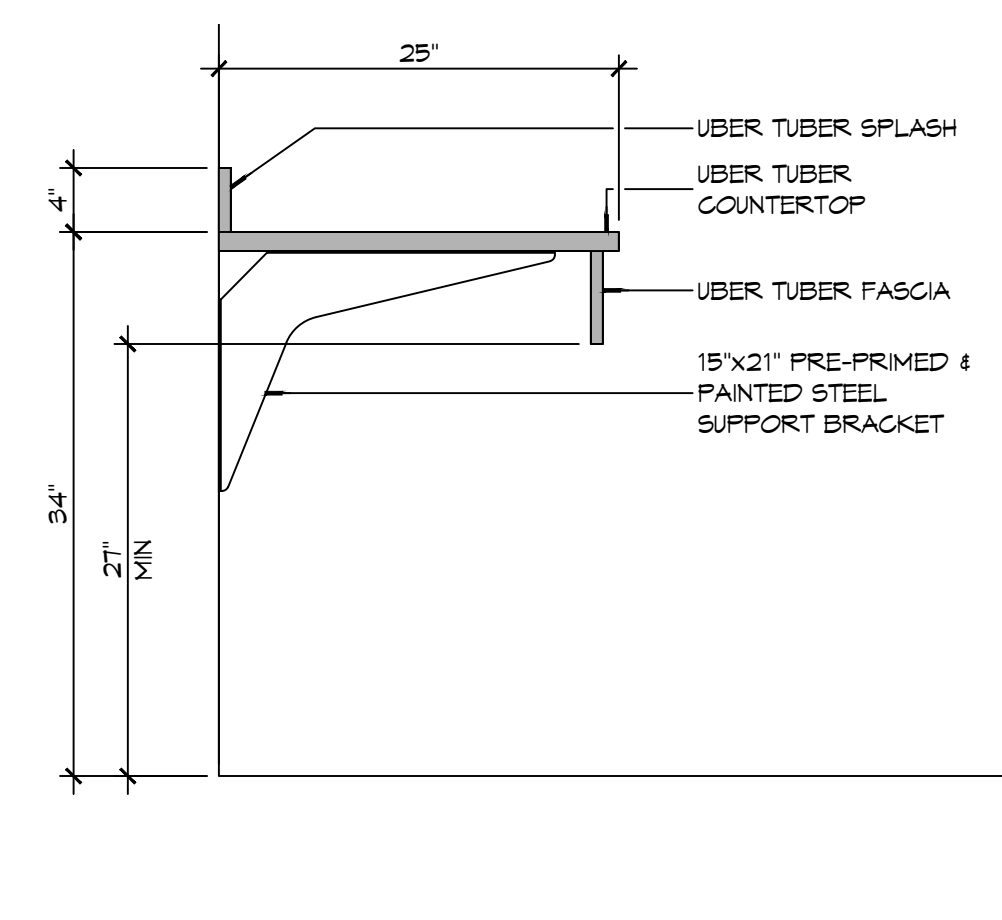
9 CASEWORK DET
SCALE: 1\"/>



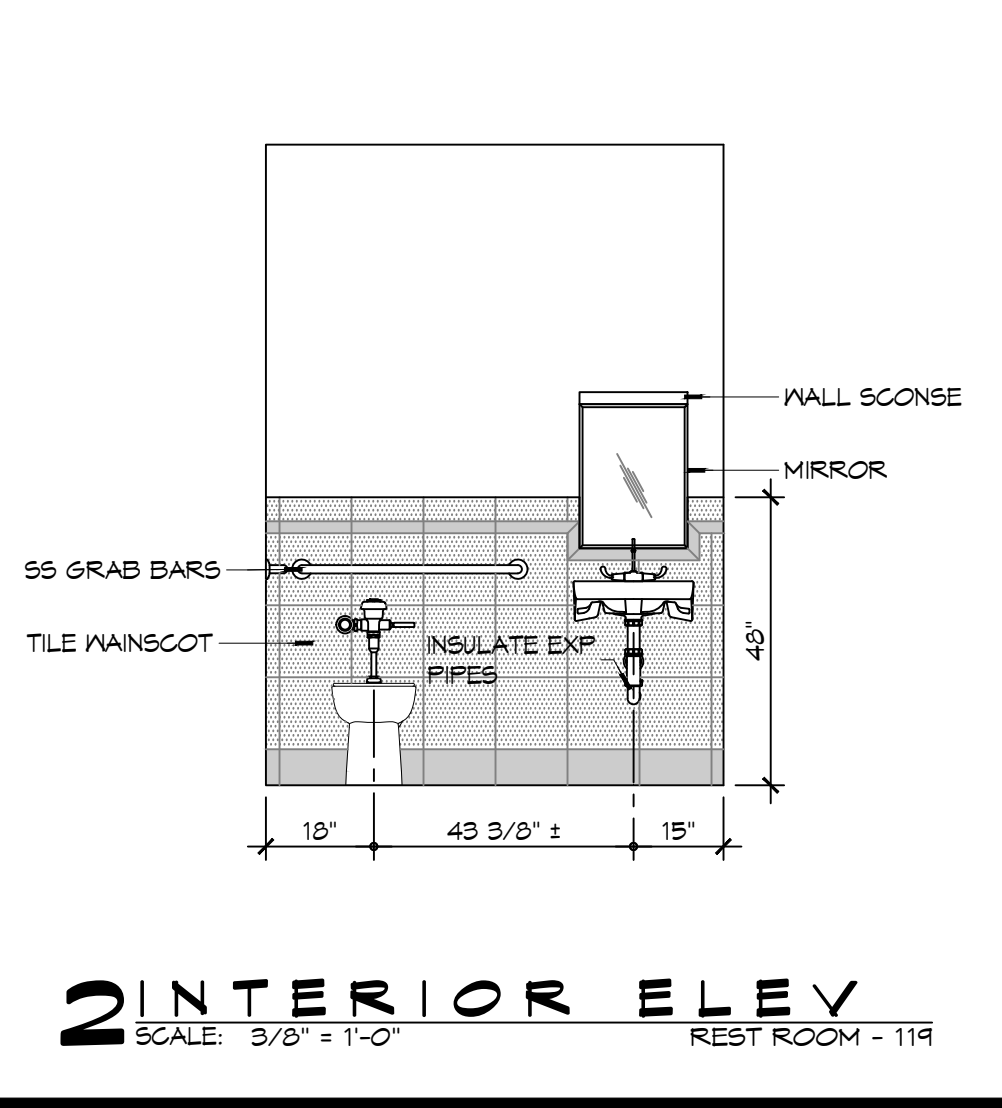
3 INTERIOR ELEV
SCALE: 3/8\"/>



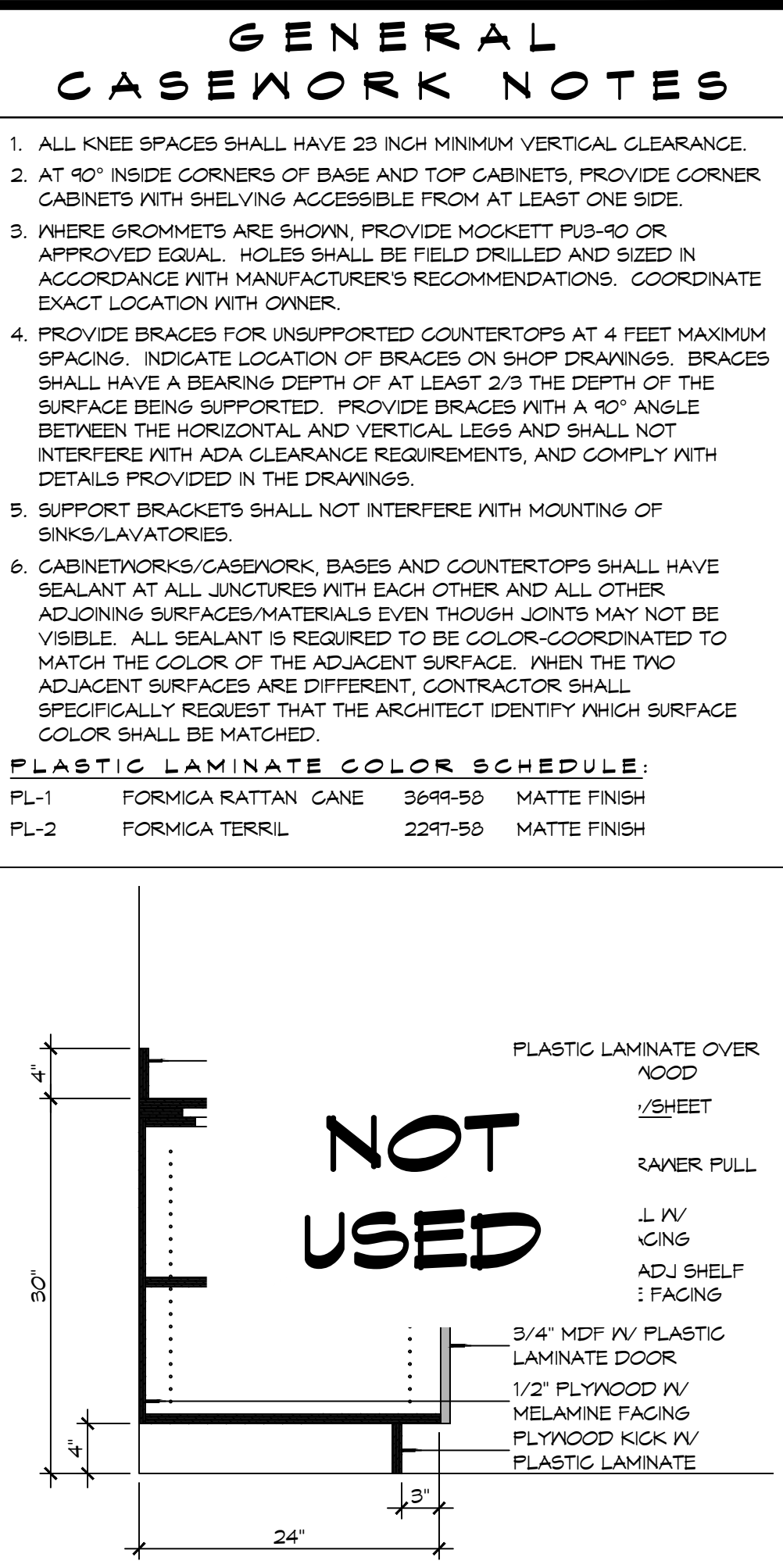
13 CASEWORK DET
SCALE: 1\"/>



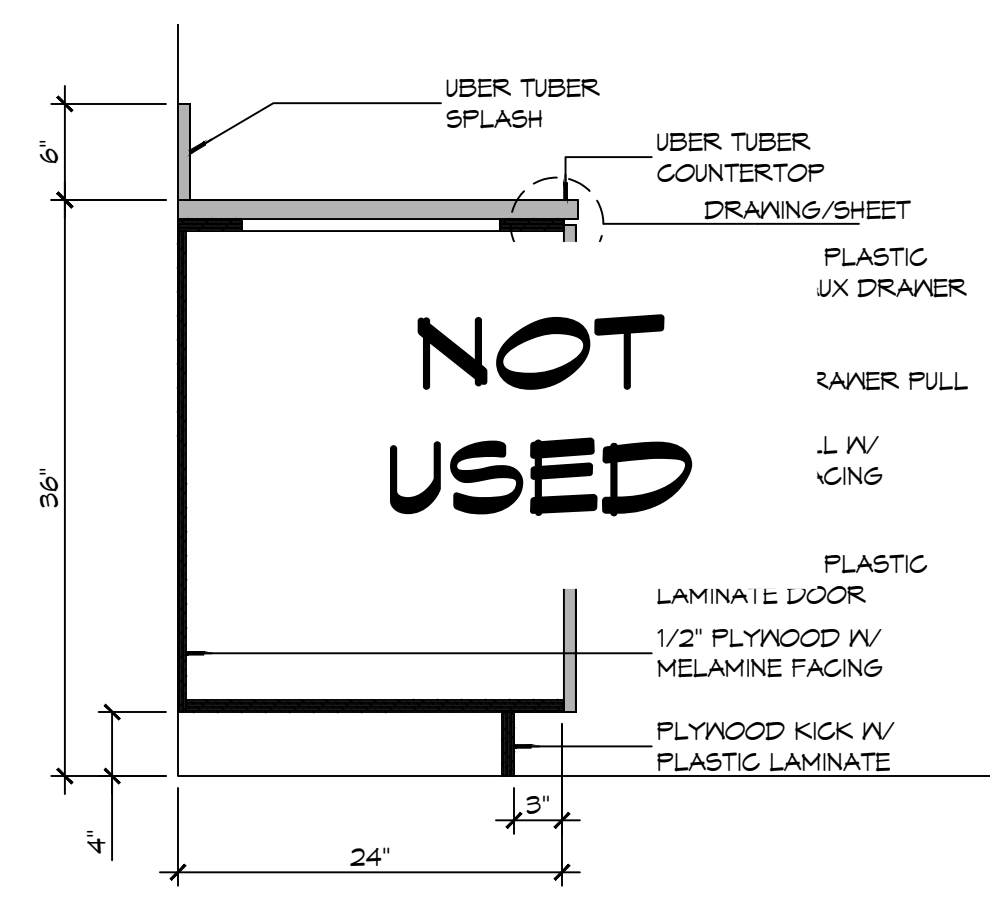
8 CASEWORK DET
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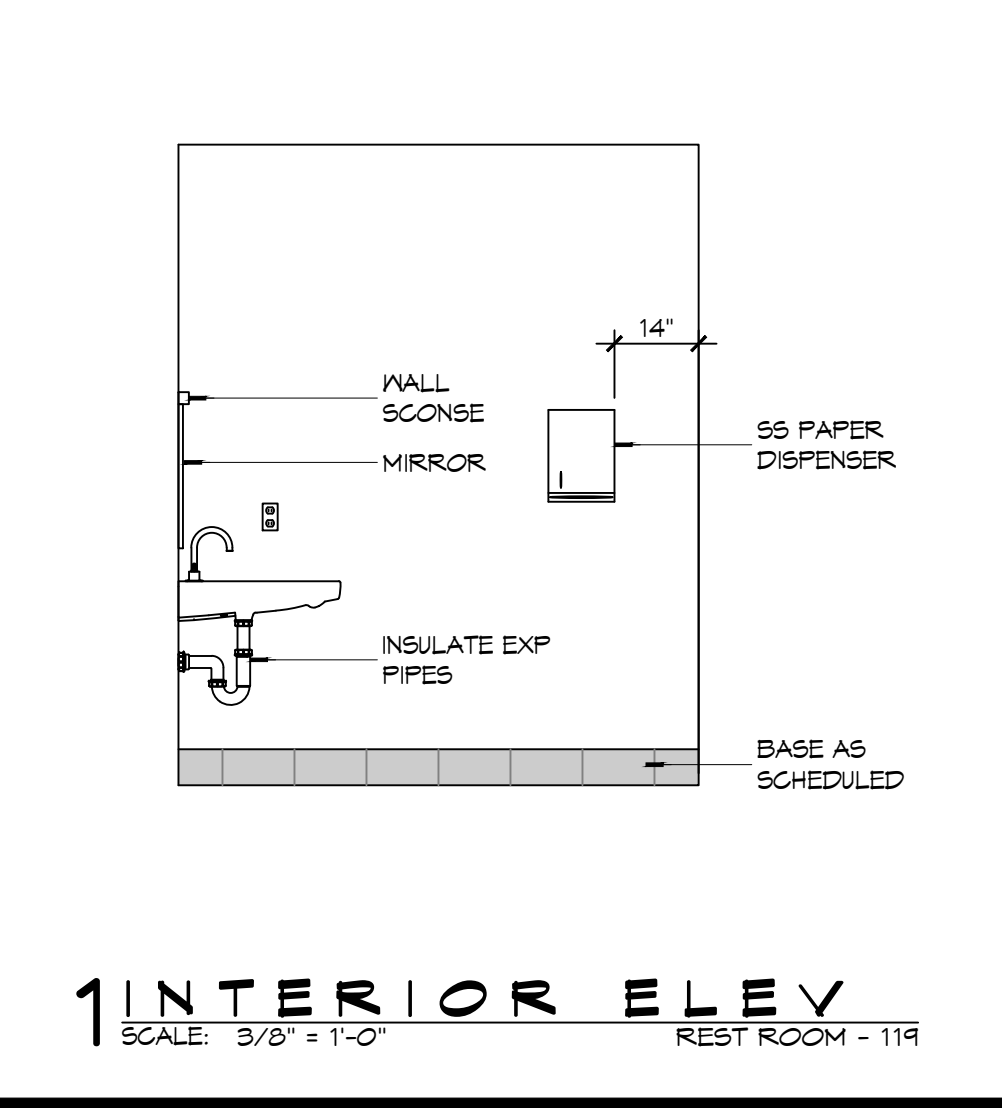
2 INTERIOR ELEV
SCALE: 3/8\"/>



12 CASEWORK DET
SCALE: 1\"/>



7 CASEWORK DET
SCALE: 1\"/>



1 INTERIOR ELEV
SCALE: 3/8\"/>

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 Mische, PE
554 Old Spanish Trail
Slidell, LA 70458
www.dammonengineering.com
info@dammonengineering.com
PH: 985.649.5832

#	DESCRIPTION	DATE

SEAL:

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

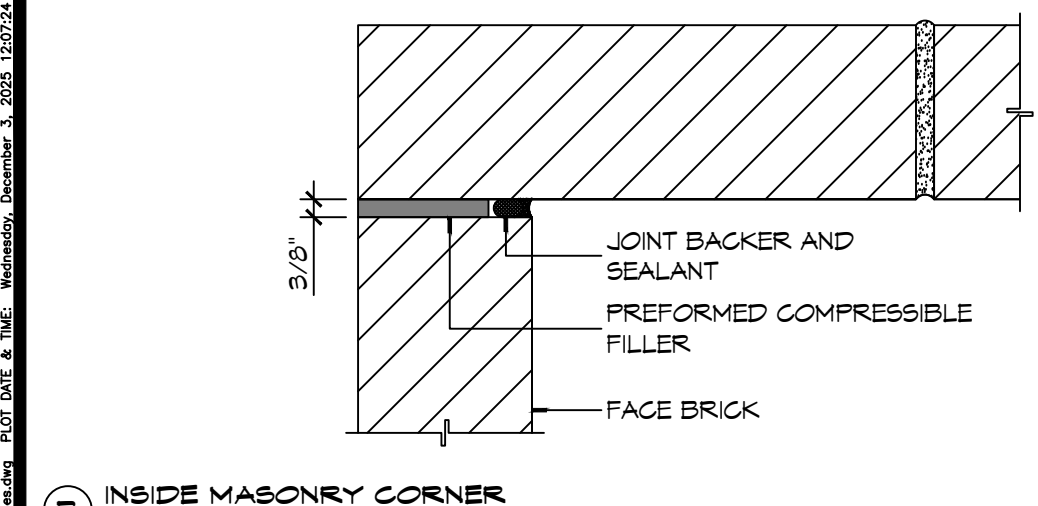
248 LAKESHORE VISTA BLVD
SLIDELL, LA 70461
JOB NO: 2519
DATE: 12-05-2025
DRAWN BY: JMS
CHECKED BY: CKD

SHEET TITLE:
**INTERIOR ELEVATIONS AND
CASEWORK DETAILS**

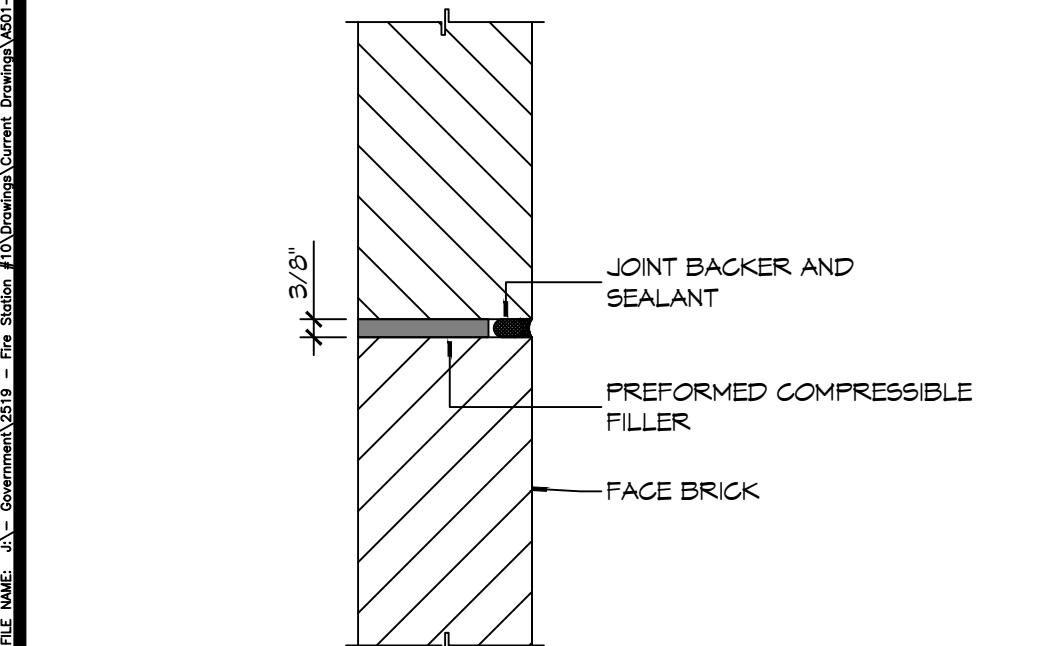
DRAWING NUMBER:
A402

SHEET No: 26 of 37

FILE NAME: A5 - Dammon 1/1/18 - Fire Detail 4103234823-0001-Partition Type 04.dwg PLOT DATE: 3/28/2024 PLOT TIME: 10:58:26 AM PLOT USER: JMS



8 DETAIL
SCALE: 3/8" = 1'-0"

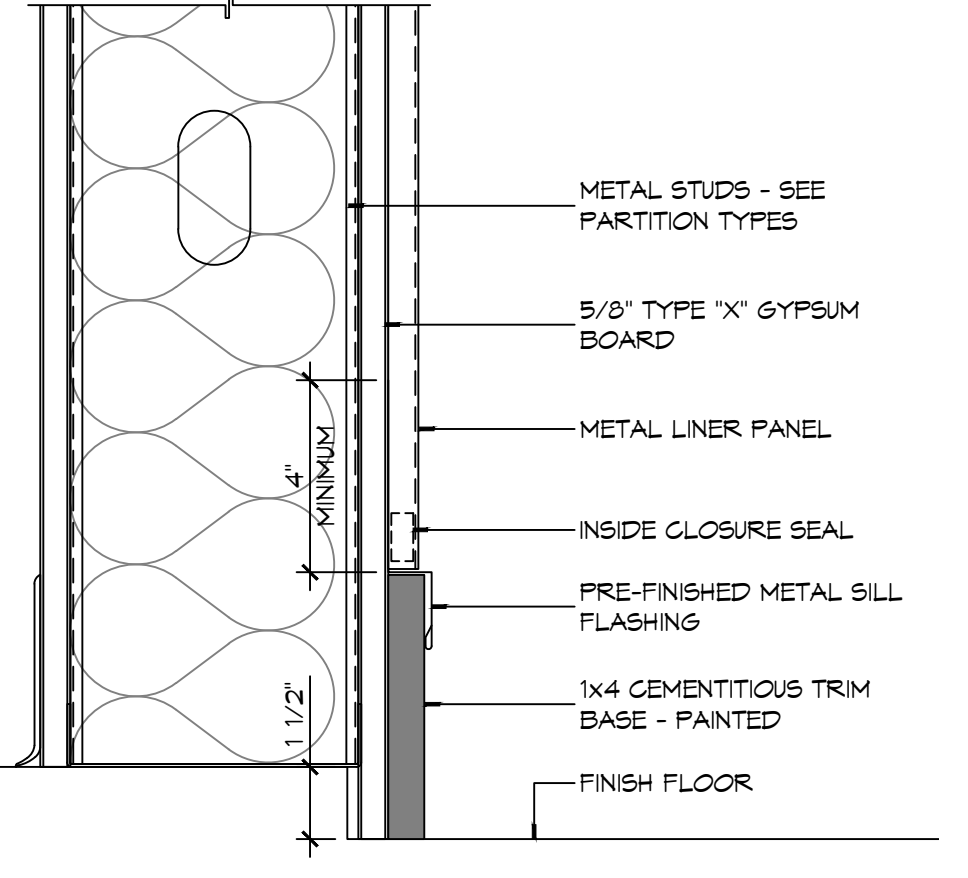


9 DETAIL
SCALE: 3/8" = 1'-0"

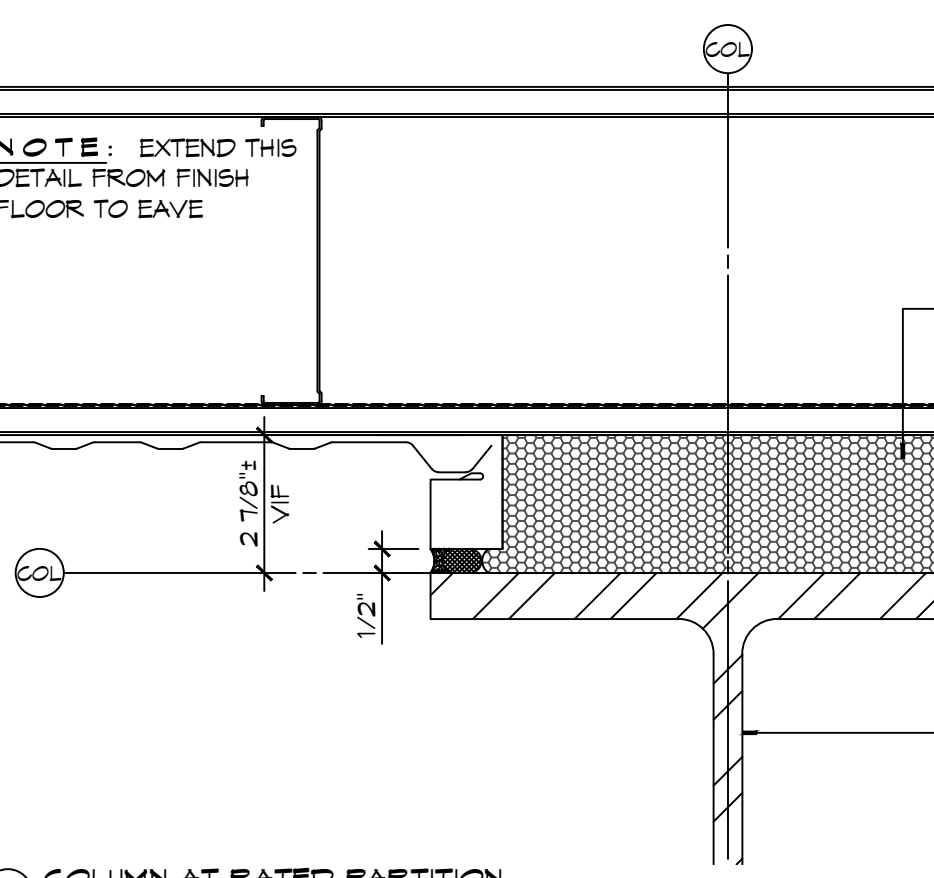
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NOT USED

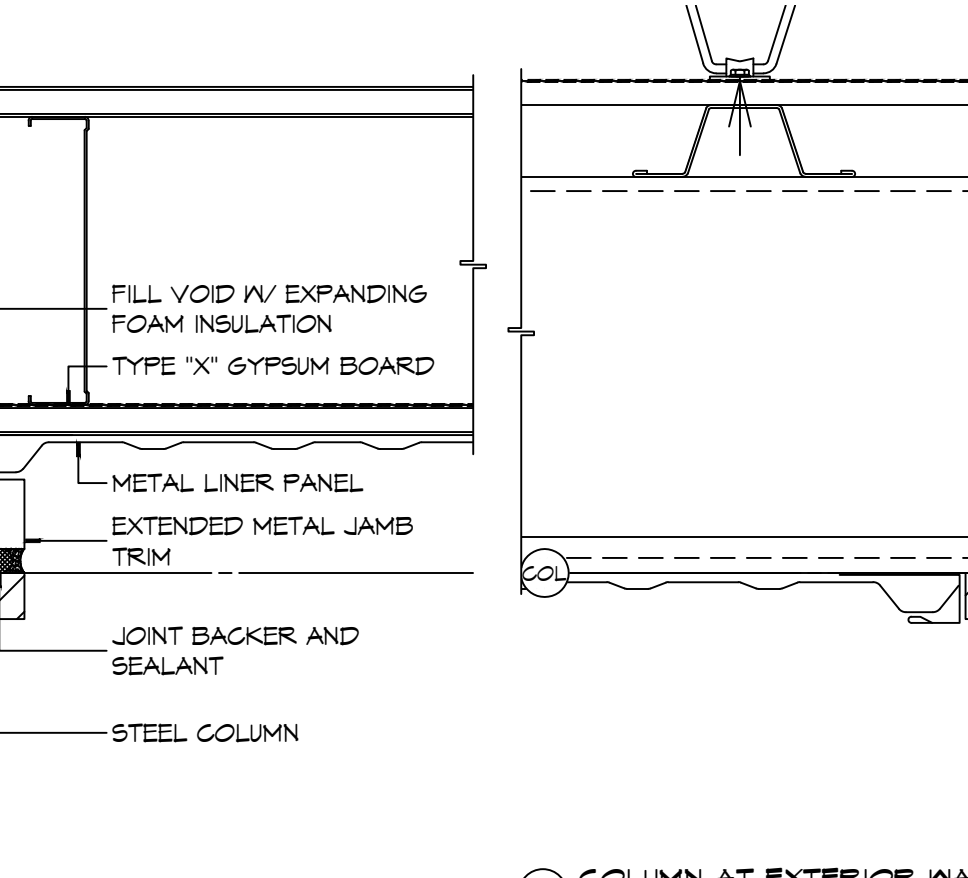
7 DETAIL
SCALE: 1 1/2" = 1'-0" MASONRY SHELF ANGLE AT ROOF



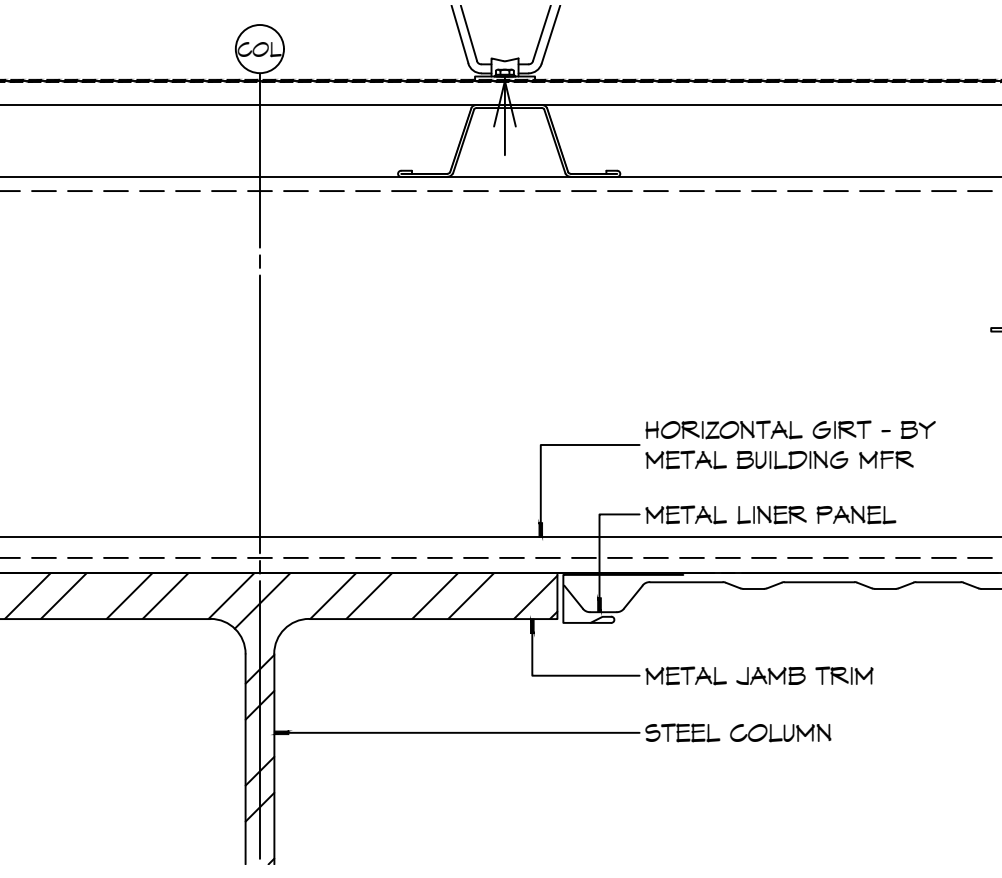
6 DETAIL
SCALE: 1 1/2" = 1'-0" MASONRY SHELF ANGLE AT ROOF



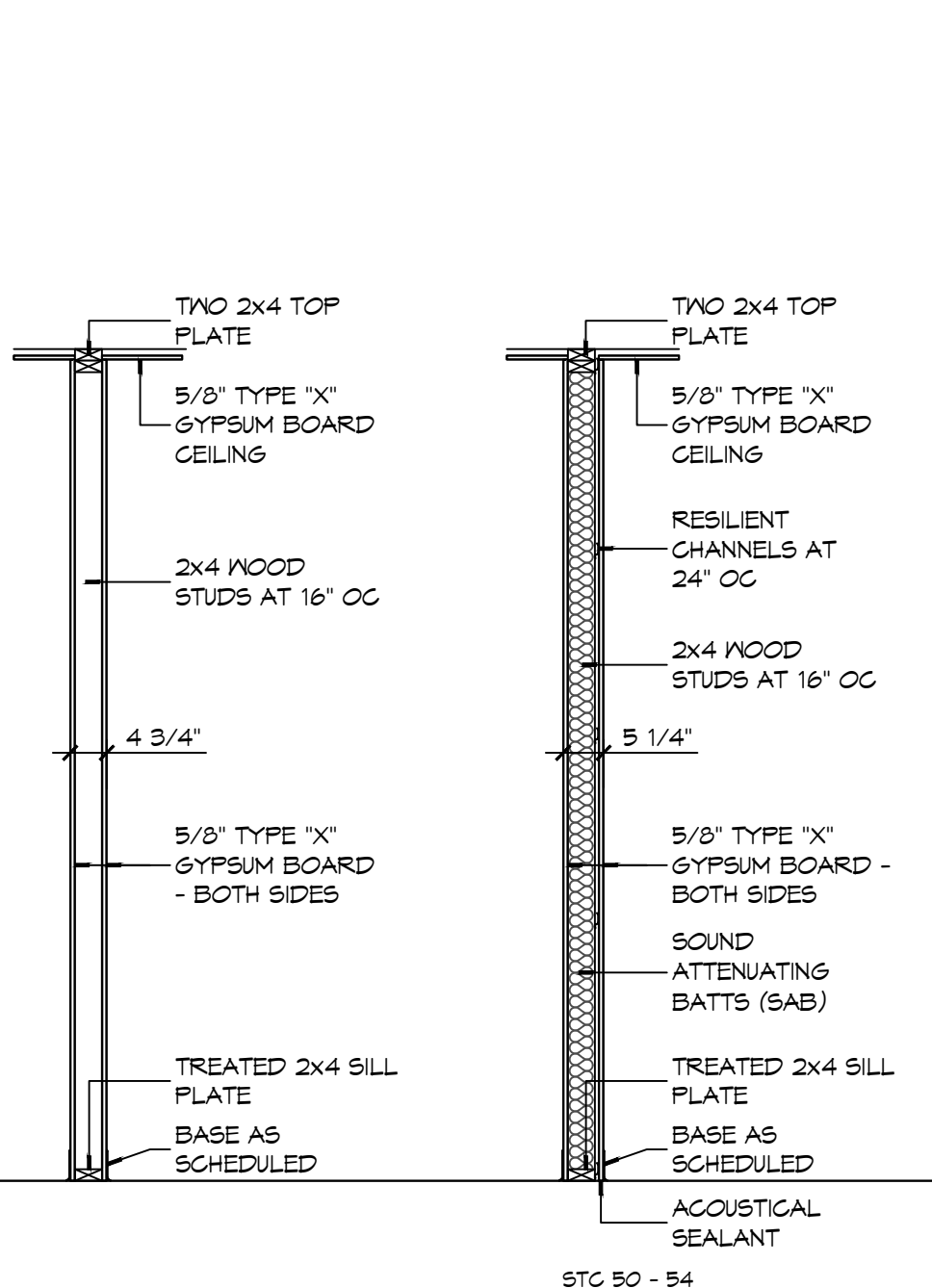
5 LADDER DETAILS
SCALE: 1/2" = 1'-0"



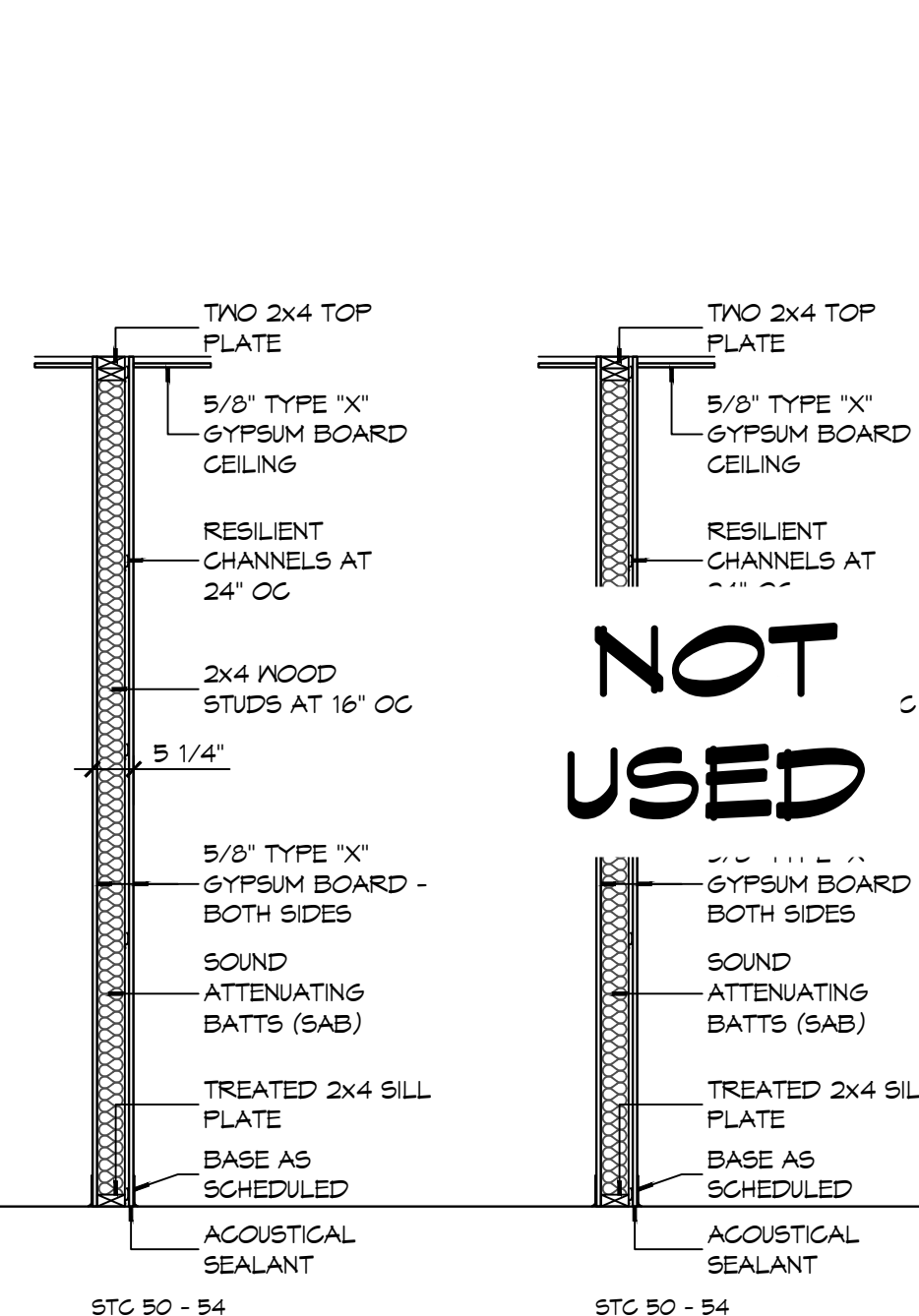
4 DETAIL
SCALE: 3" = 1'-0" TYPICAL BASE/LINER PANEL JUNCTION



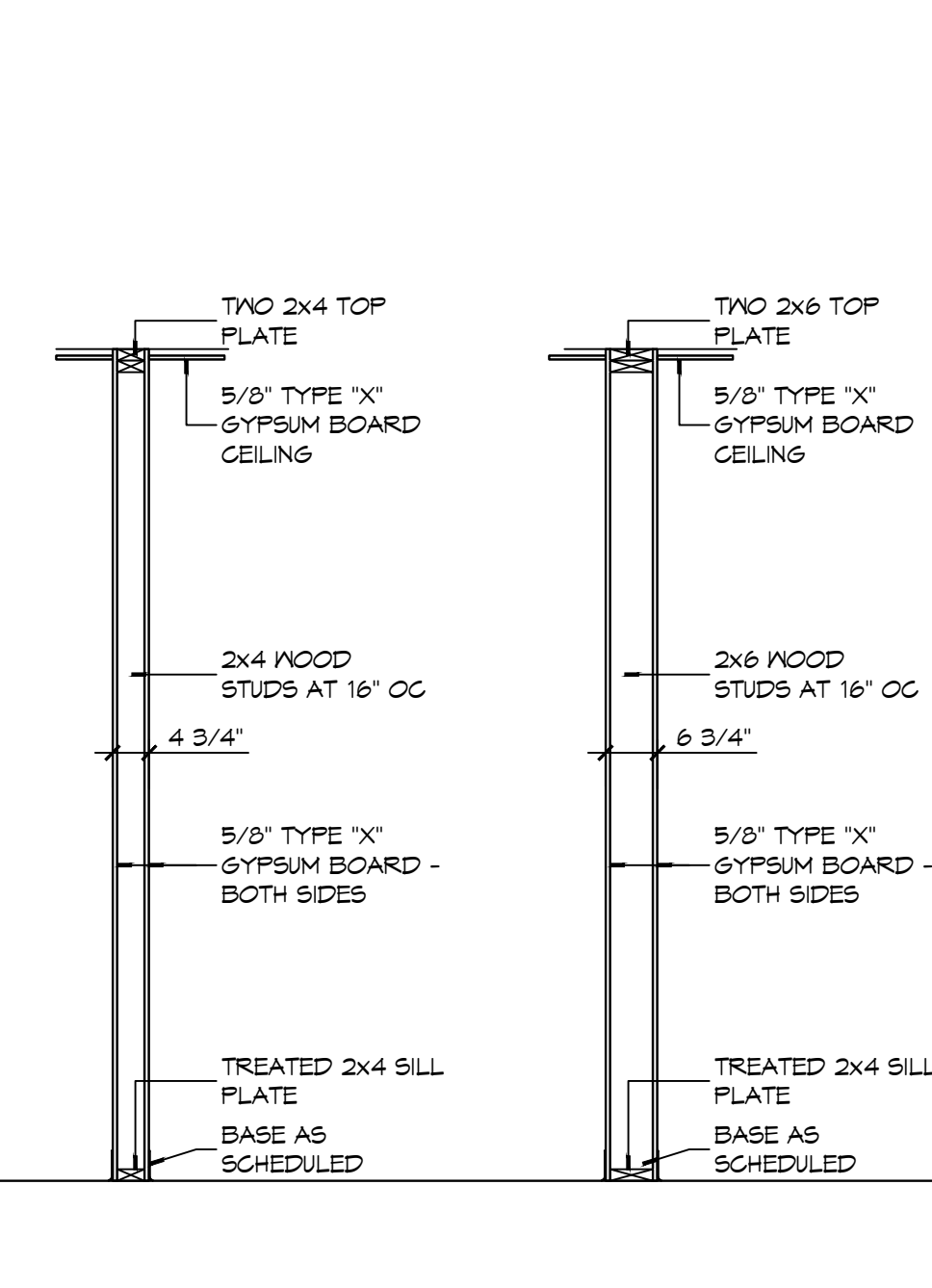
3 DETAIL
SCALE: 3" = 1'-0" TYPICAL BASE/LINER PANEL JUNCTION



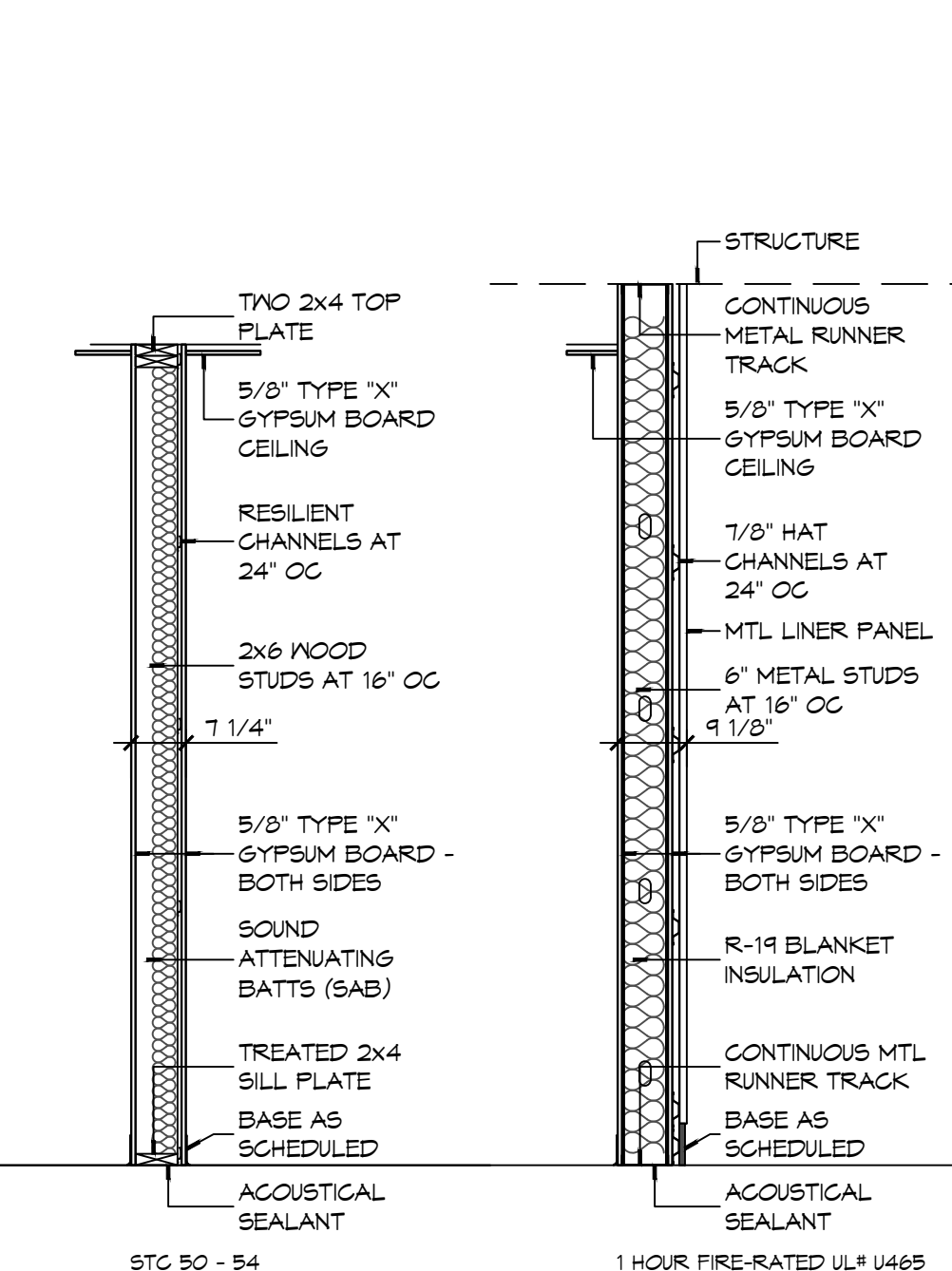
2 PLAN DETAILS
SCALE: 3" = 1'-0"



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



1 HOUR FIRE RATED WALL DO NOT PENETRATE



PARTITION NOTES

- 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.
- WHERE RATED PARTITIONS ARE INDICATED, REFER TO THE REFERENCED ASSEMBLY DIRECTORY FOR THE COMPLETE EXTENT OF THE ASSEMBLY CITED.
- SEE LIFE SAFETY PLAN FOR LOCATIONS OF RATED PARTITIONS.
- 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.
- UL DESIGN NUMBERS REFER TO THE UNDERWRITERS LABORATORIES FIRE RESISTANCE DIRECTORY - LATEST ADDITION.
- 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.
- NON-RATED PARTITIONS SHALL HAVE SEALANTS AT THE HEAD, SILL, THROUGH PENETRATIONS, OPENINGS, AND JUNCTURES WITH DISSIMILAR MATERIALS.
- EXTEND RATED PARTITIONS THROUGH THE INTERIOR FACE OF EXTERIOR WALL GYPSUM BOARD AND SEAL TO THE INSIDE FACE OF THE EXTERIOR WALL SHEATHING.
- MAINTAIN THE FIRE-PROTECTION RATINGS FOR ALL OPENINGS AND PENETRATIONS IN RATED PARTITIONS.
- REFER TO STRUCTURAL DRAWINGS FOR EXTENT AND DESCRIPTION OF INTERIOR STRUCTURAL WALLS NOT INDICATED AS SUCH ON FLOOR PLANS.
- INSTALL BLOCKING OR BACKER MATERIAL FOR ATTACHMENT/MOUNTING FOR WALL HUNG ITEMS OR EQUIPMENT DESCRIBED IN DOCUMENTS.
- UL AND SA (GYPSUM ASSOCIATION) TEST NUMBERS MAY VARY ON THE MANUFACTURER OR COMPONENTS ACTUALLY USED.
- PROVIDE TYPE 'X' GYPSUM BOARD UNLESS OTHERWISE NOTED.
- PROVIDE WATER RESISTANT GYPSUM BOARD (WRGB) AT AREAS THAT ARE SCHEDULED TO RECEIVE CERAMIC TILE FINISH.
- PROVIDE 5/8" CEMENTITIOUS BACKER BOARD (CBB) AT SHOWER AREAS AND OTHER WET AREAS THAT ARE INDICATED TO RECEIVE TILE IN THE INTERIOR ELEVATIONS.
- INSTALLATION OF GYPSUM BOARD, BACKER BOARD, AND BASE BOARD SHALL CONFORM TO THE REQUIREMENTS FOR FIRE RATINGS AND ACOUSTICAL RATINGS.
- 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.
 - NOTE THAT 3-1/2" FIBERGLASS BATTS OR 2" MINERAL WOOL FIBER MAY BE SUBSTITUTED FOR SOUND ATTENUATING BLANKETS.
- 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.
- WHERE PARTITIONS AND/OR FURRING MEET, MAINTAIN A FLUSH SURFACE ON THE SIDE WHERE THE FINISH IS STRAIGHT OR CONTINUOUS UNLESS NOTED OTHERWISE.
- 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 Misch, PE
 554 Old Spanish Trail
 Slidell, LA 70458
 www.dammonengineering.com
 info@dammonengineering.com
 PH: 985.649.5832

#	DESCRIPTION	DATE

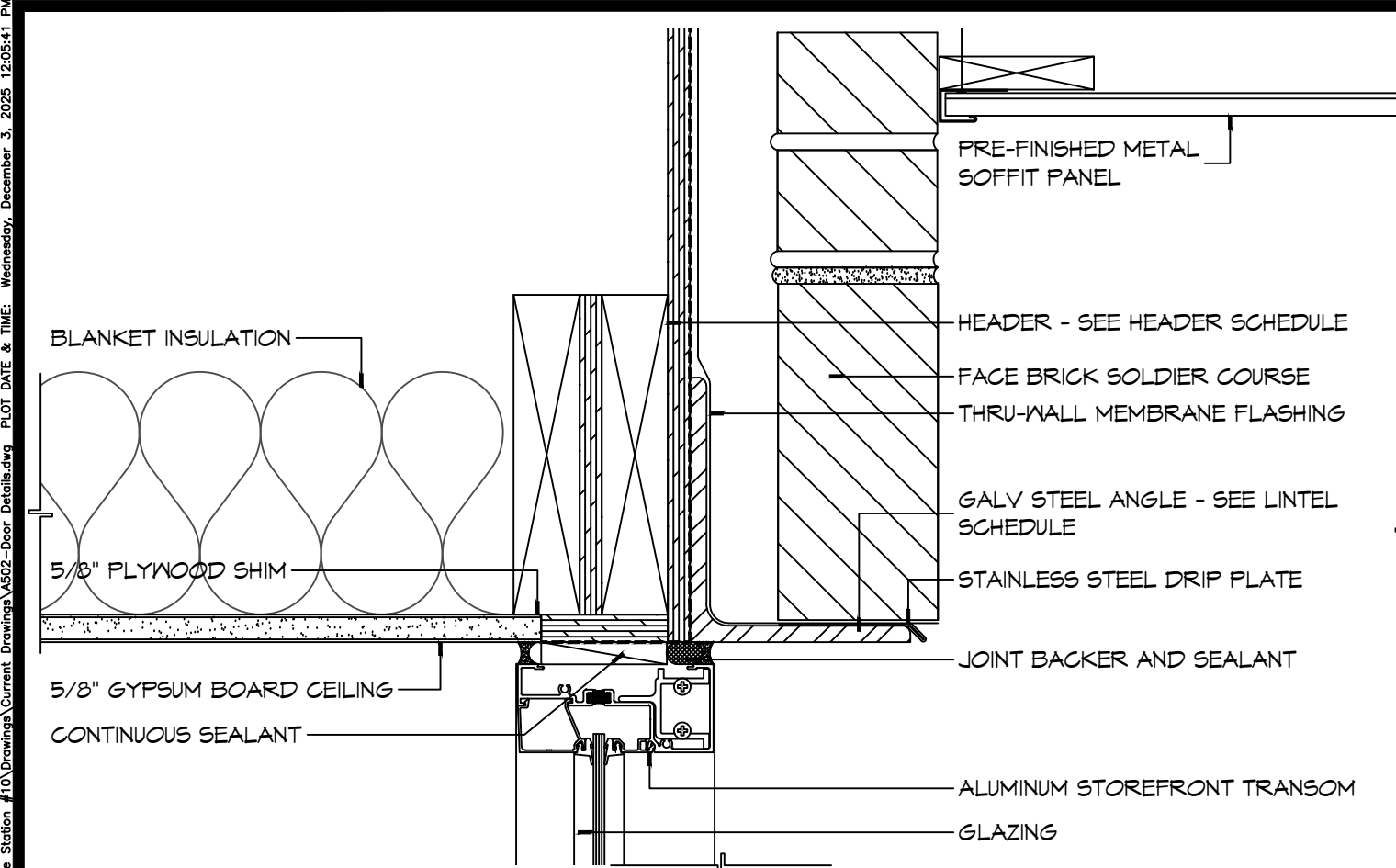
SEAL:

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: JMS CHECKED BY: CKD

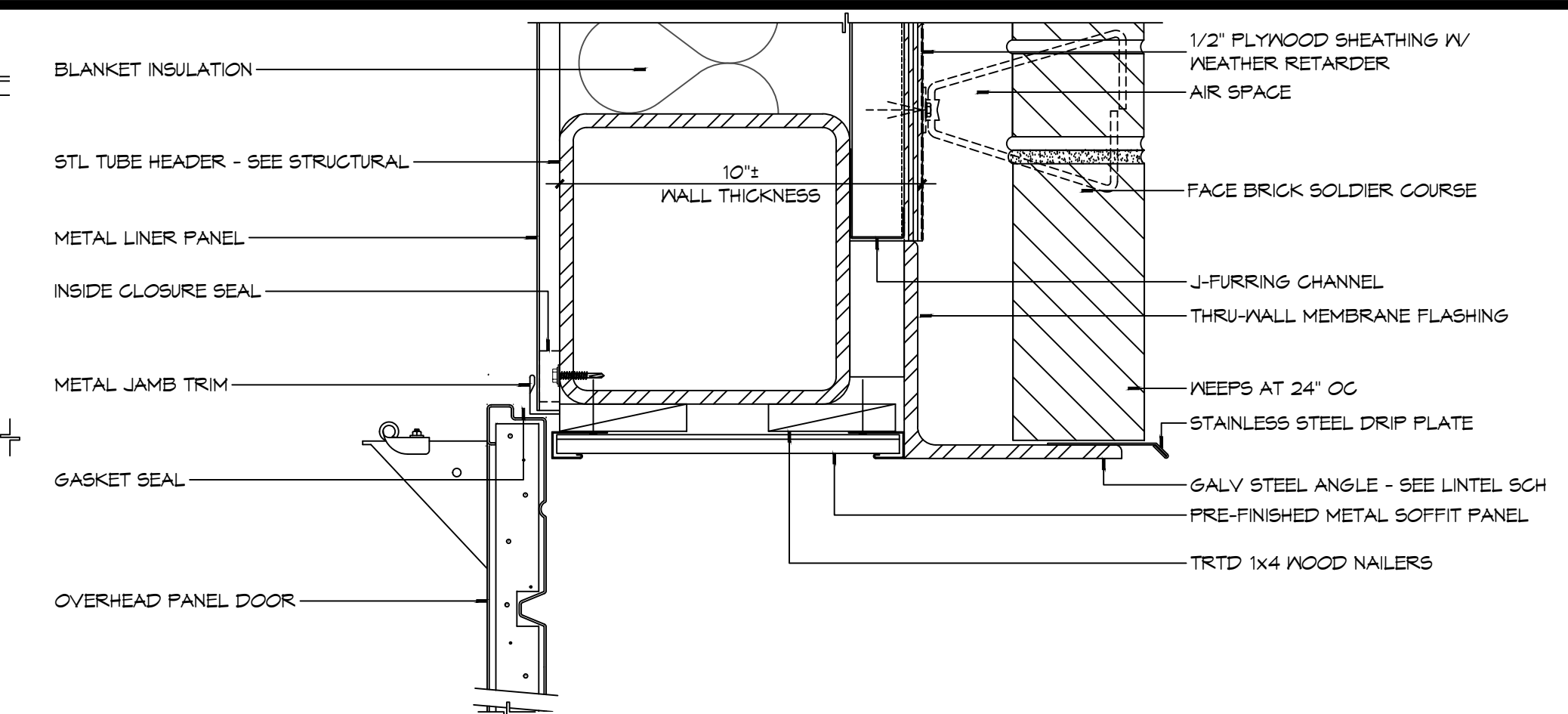
SHEET TITLE:
PARTITION TYPES,
MISCELLANEOUS DETAILS

DRAWING NUMBER:
A501

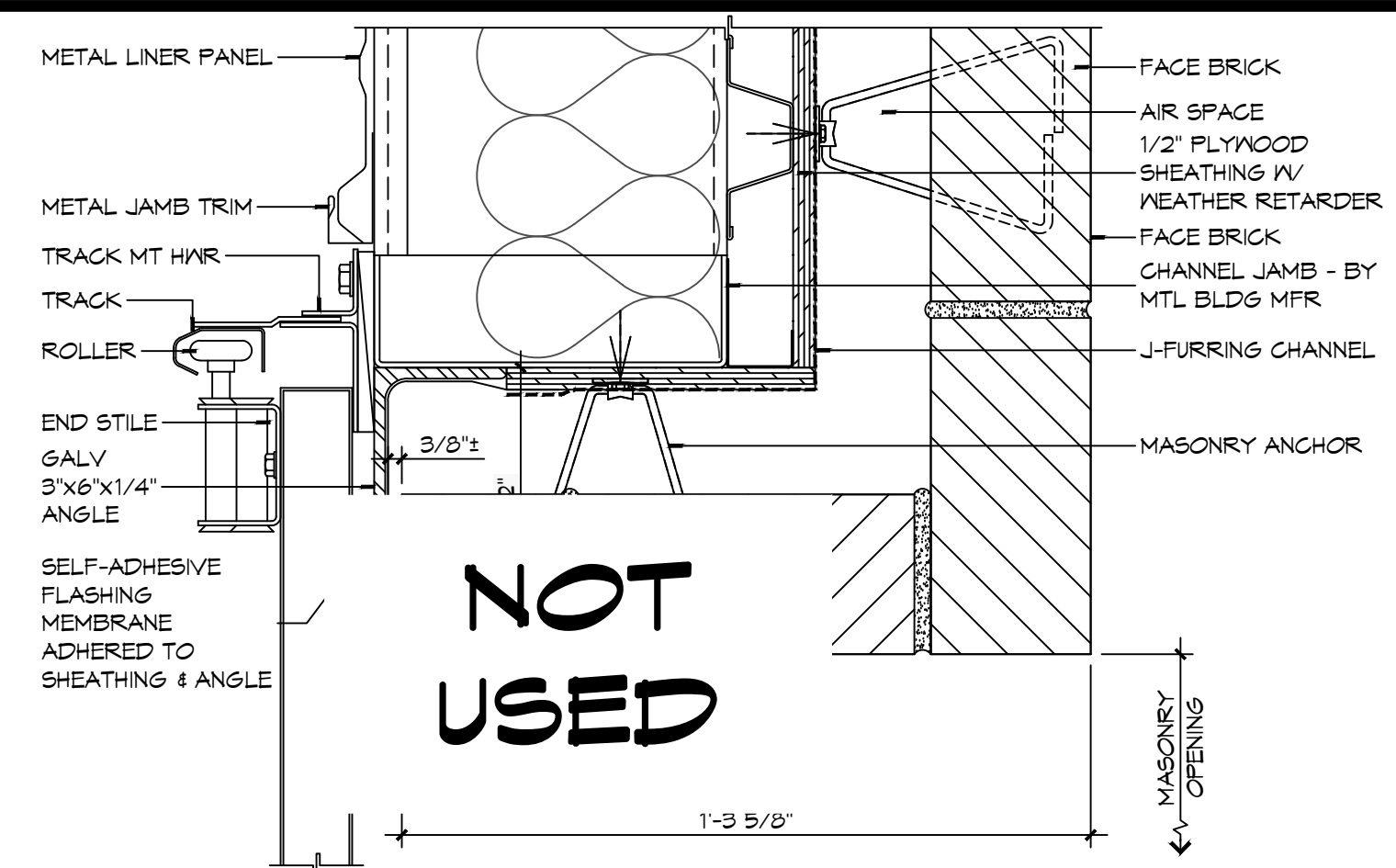
SHEET No: 27 of 37



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

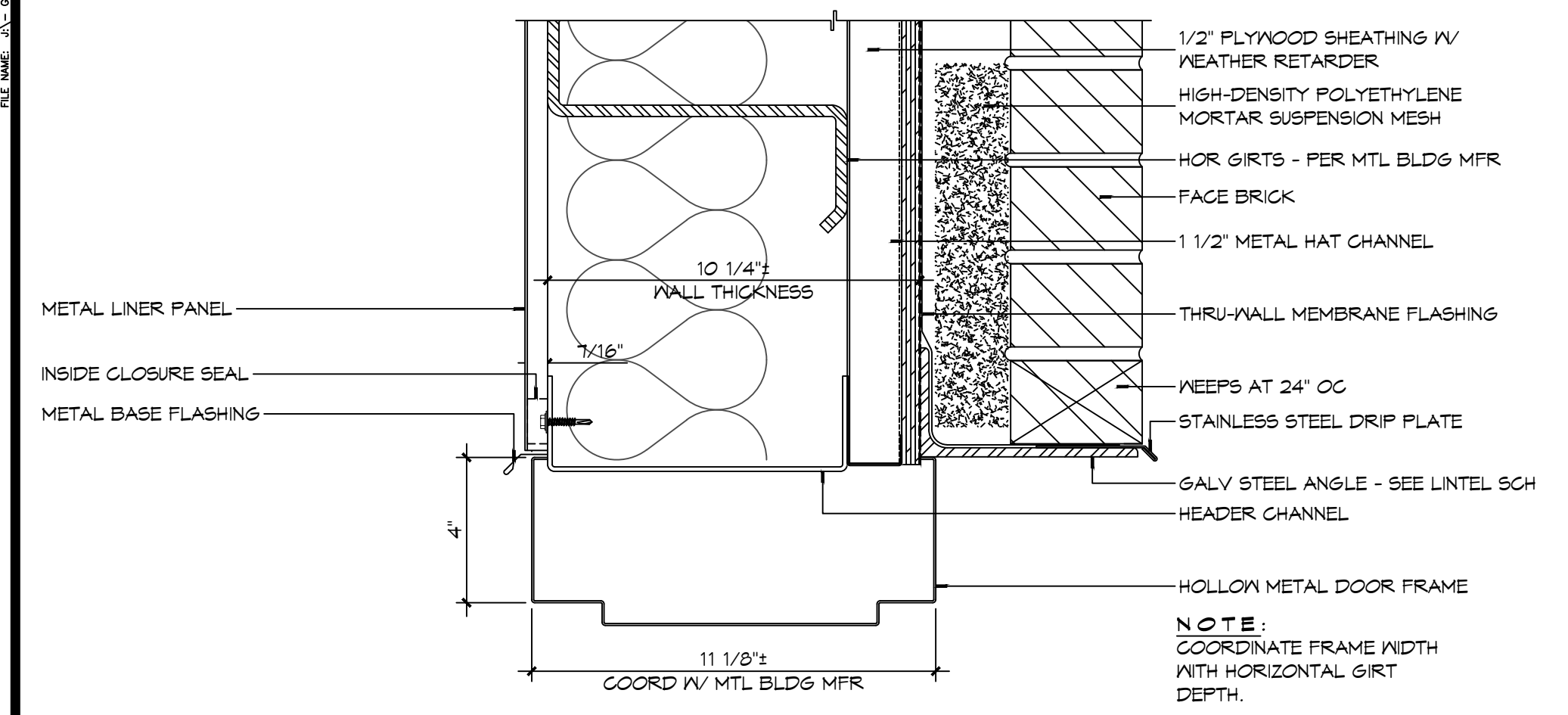


20 DOOR DETAIL
SCALE: 3" = 1'-0"
HEAD

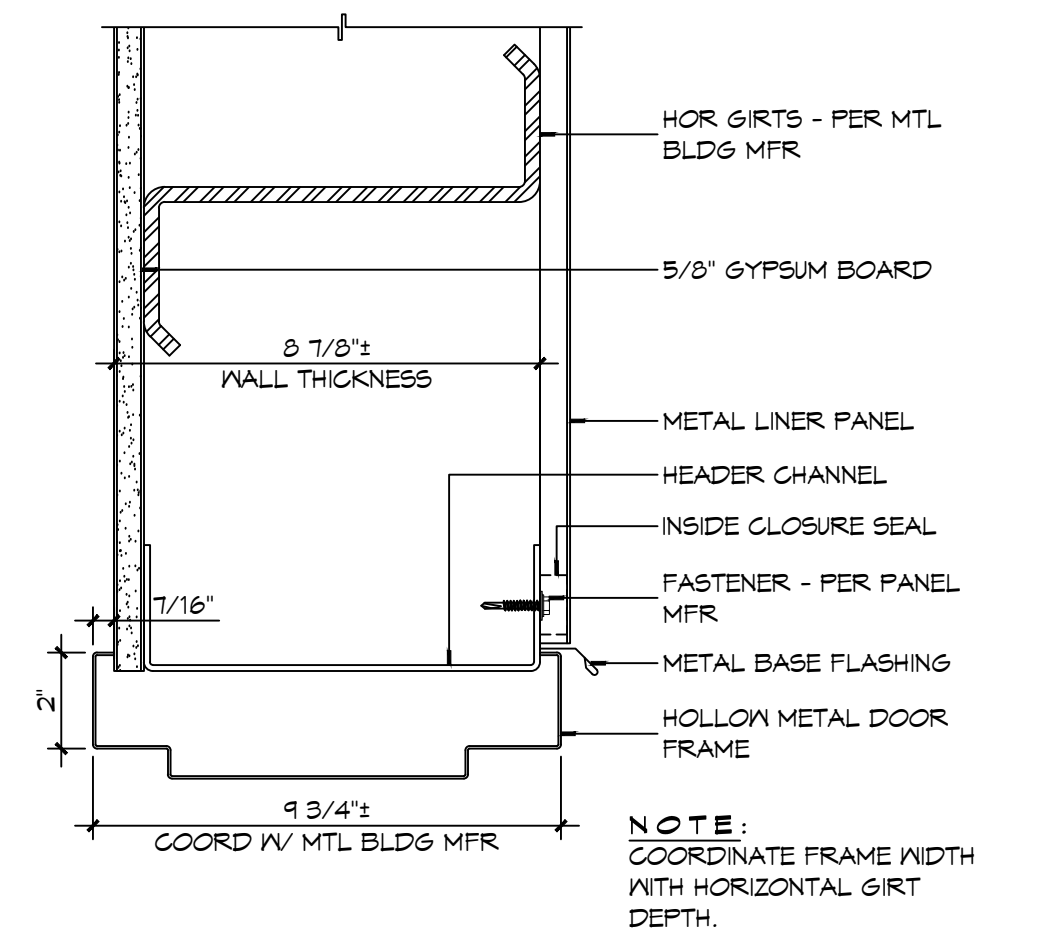


19 DOOR DETAIL
SCALE: 3" = 1'-0"
JAMB

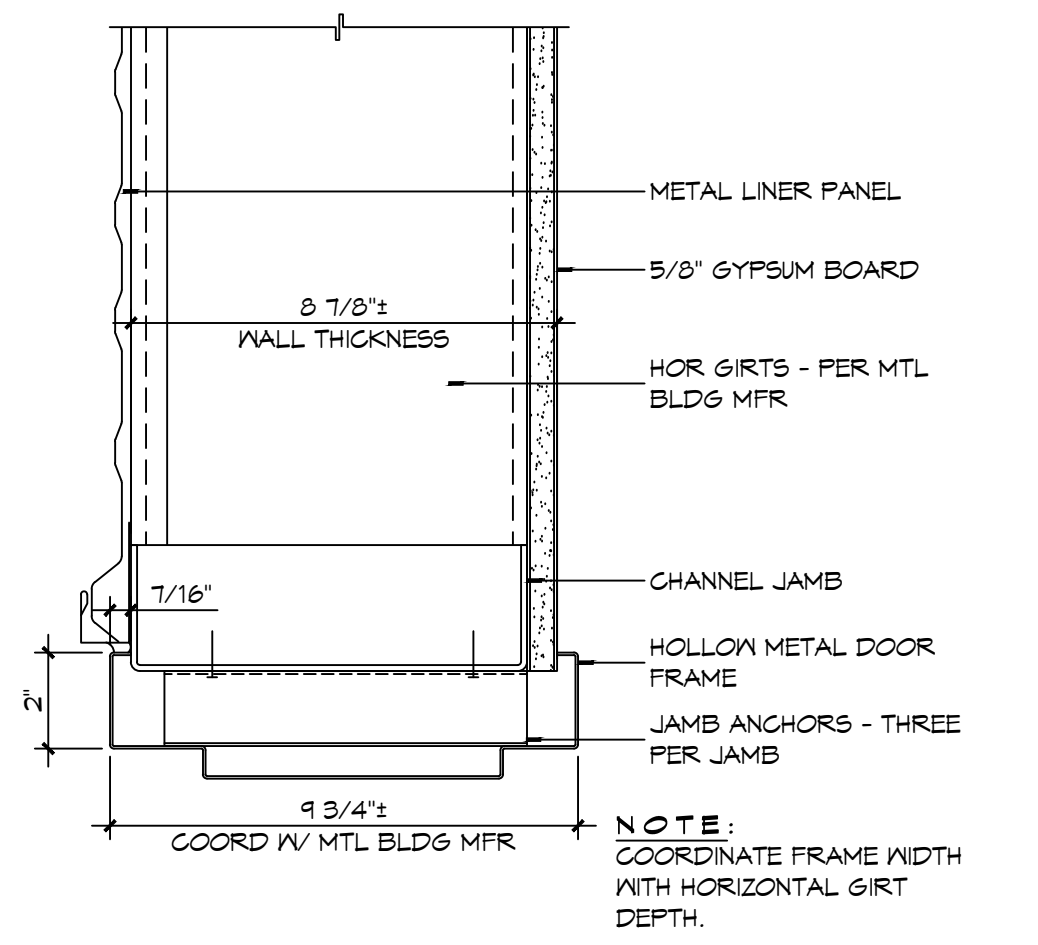
- ### DOOR AND FRAME NOTES
- HOLLOW METAL FRAME DIMENSIONS INDICATED IN THE DETAILS ARE NOMINAL. MANUFACTURER'S STANDARD WIDTH FRAME, WITH THROAT OPENING APPROPRIATE TO WALL TYPE MAY BE PROPOSED IN SHOP DRAWINGS, IF NO OTHER MODIFICATIONS OF THE DETAIL IS REQUIRED.
 - PROVIDE WOOD BLOCKING OR FLAT STRAP 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.



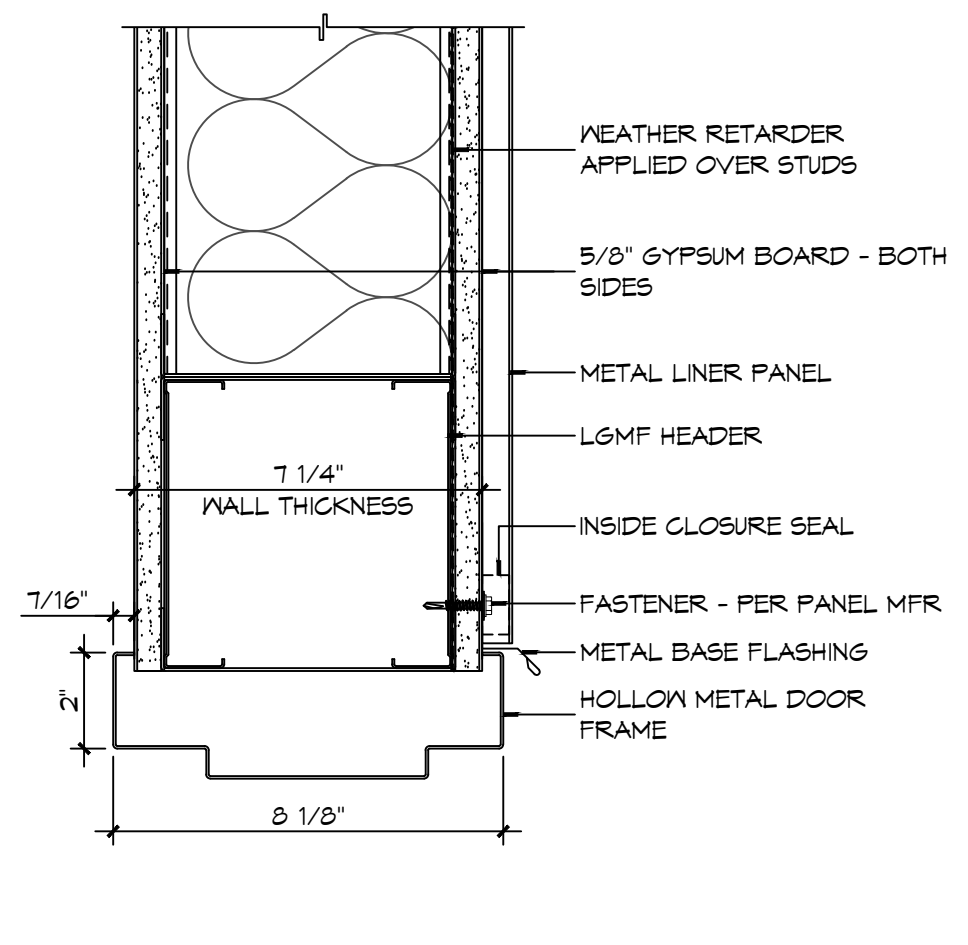
18 DOOR DETAIL
SCALE: 3" = 1'-0"
HEAD



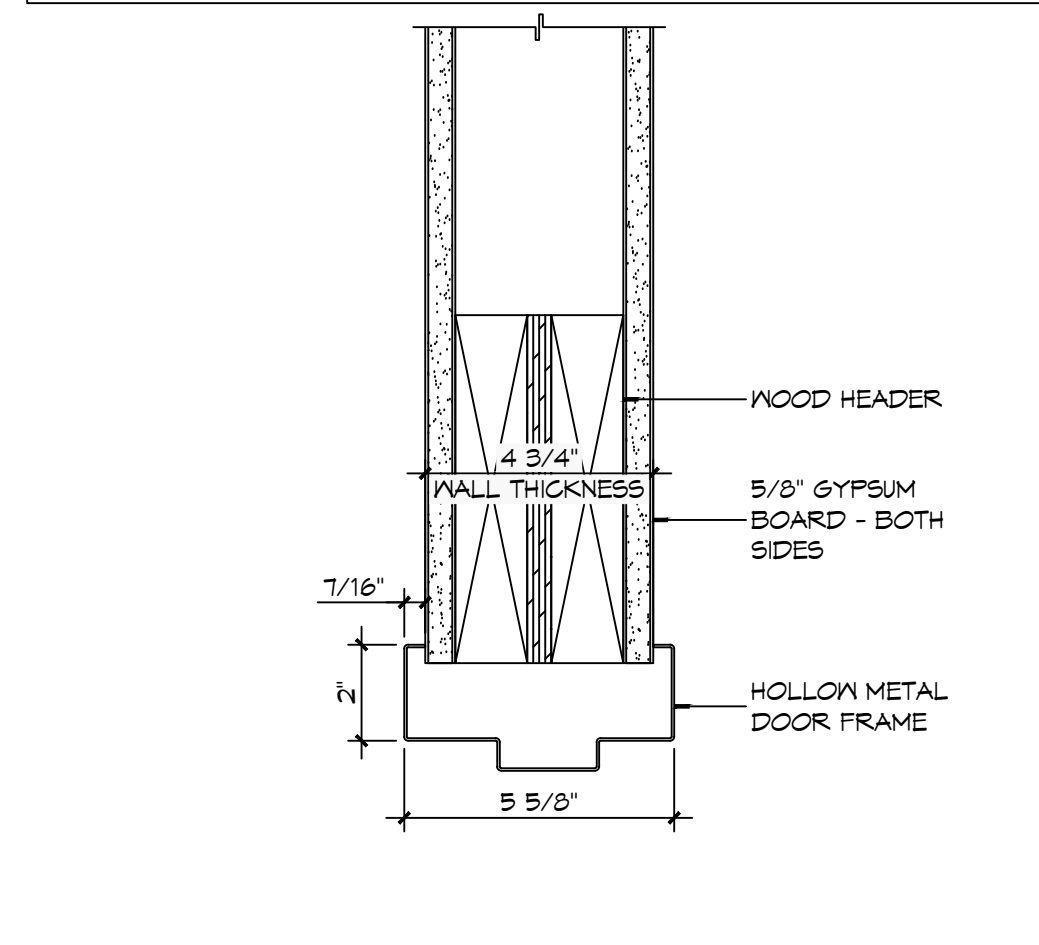
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SCALE: 3" = 1'-0"
HEAD



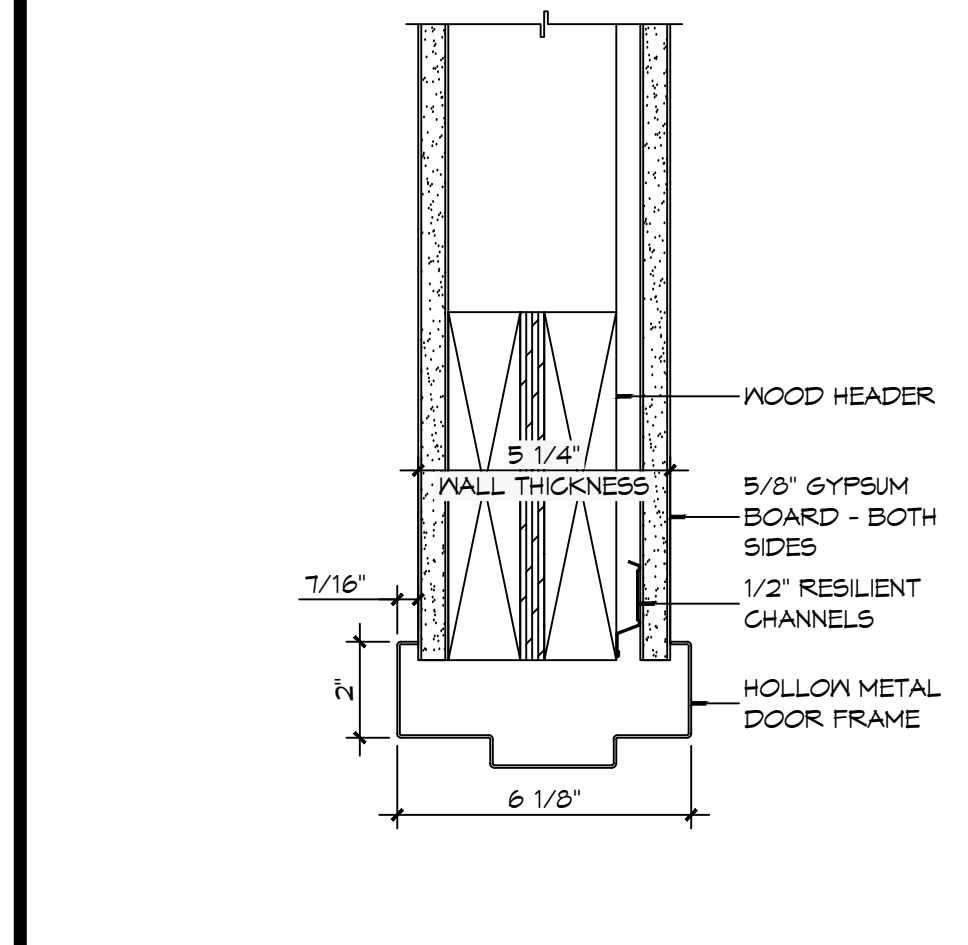
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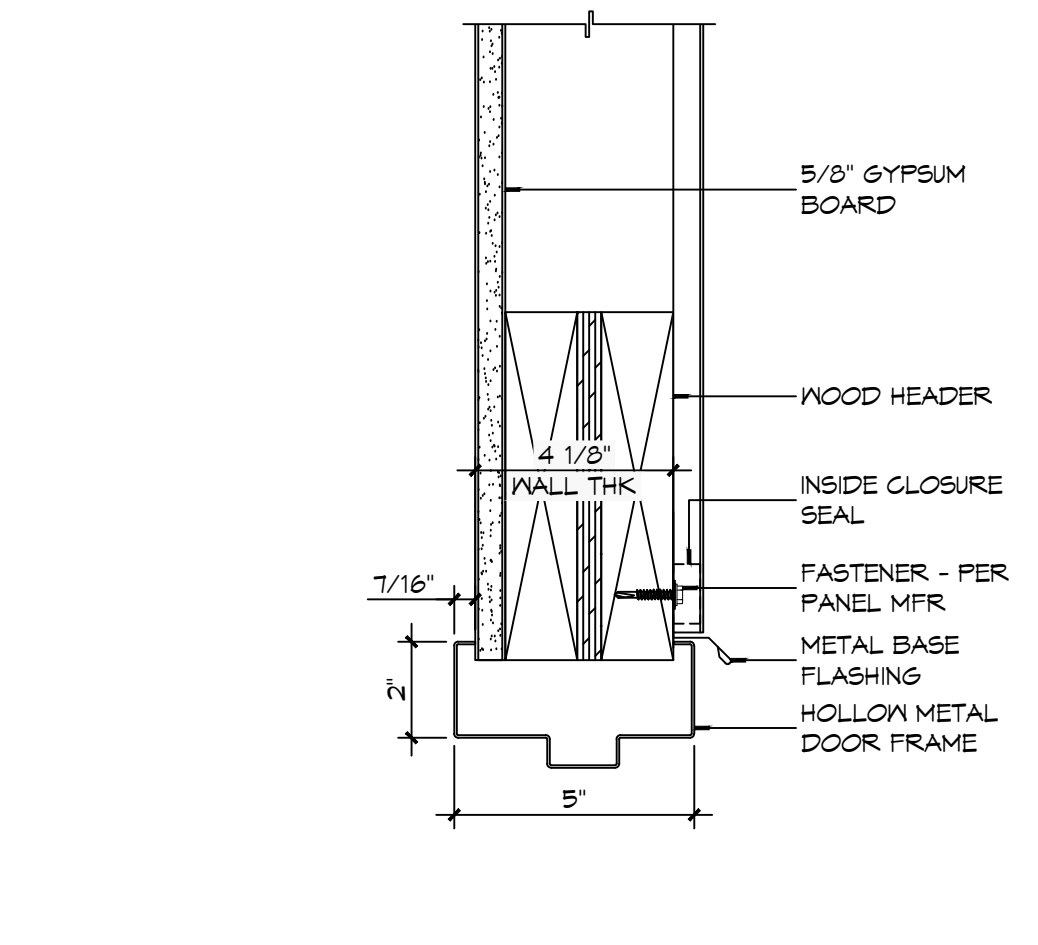
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SCALE: 3" = 1'-0"
HEAD



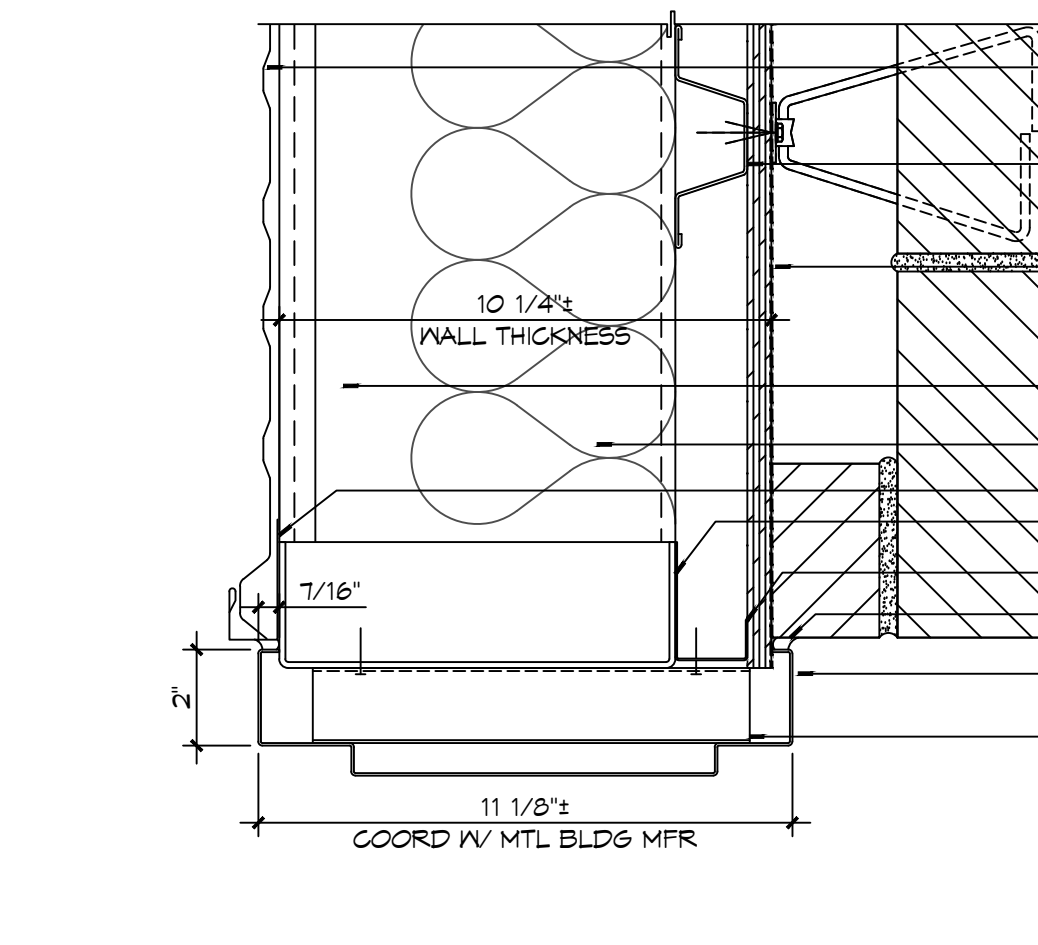
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SCALE: 3" = 1'-0"
HEAD



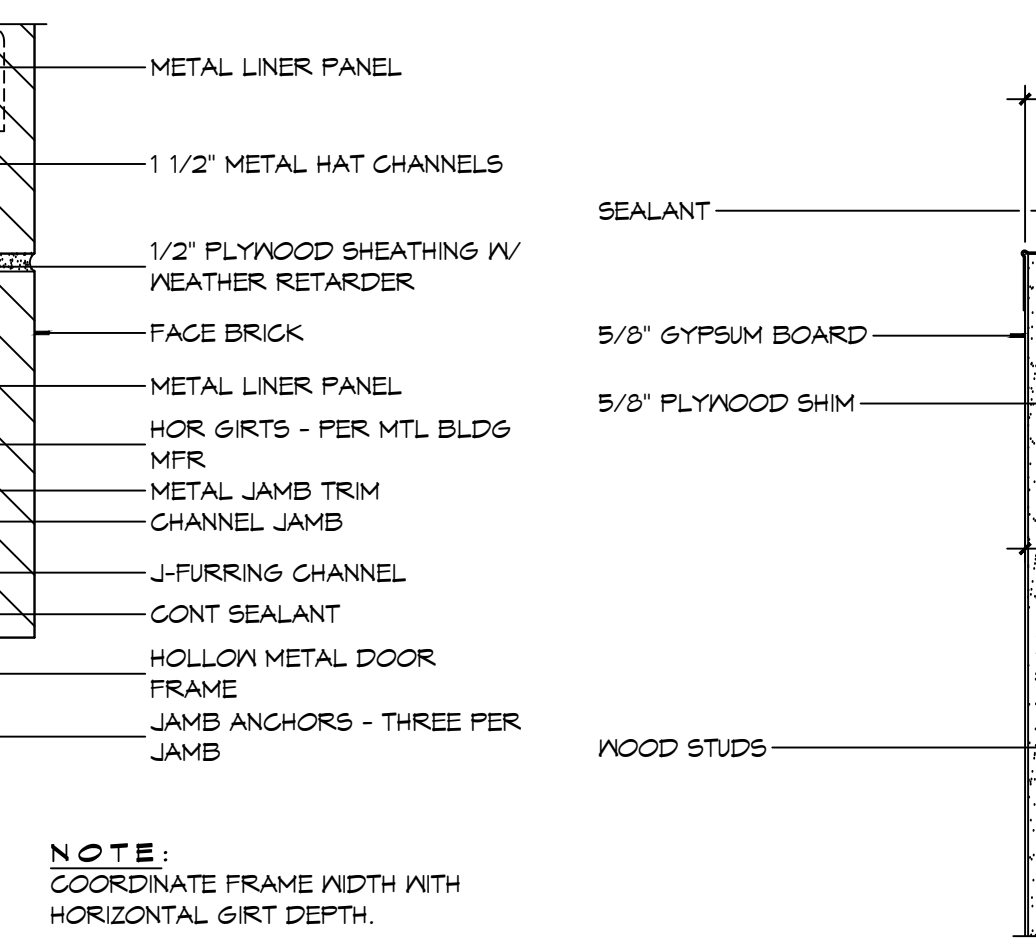
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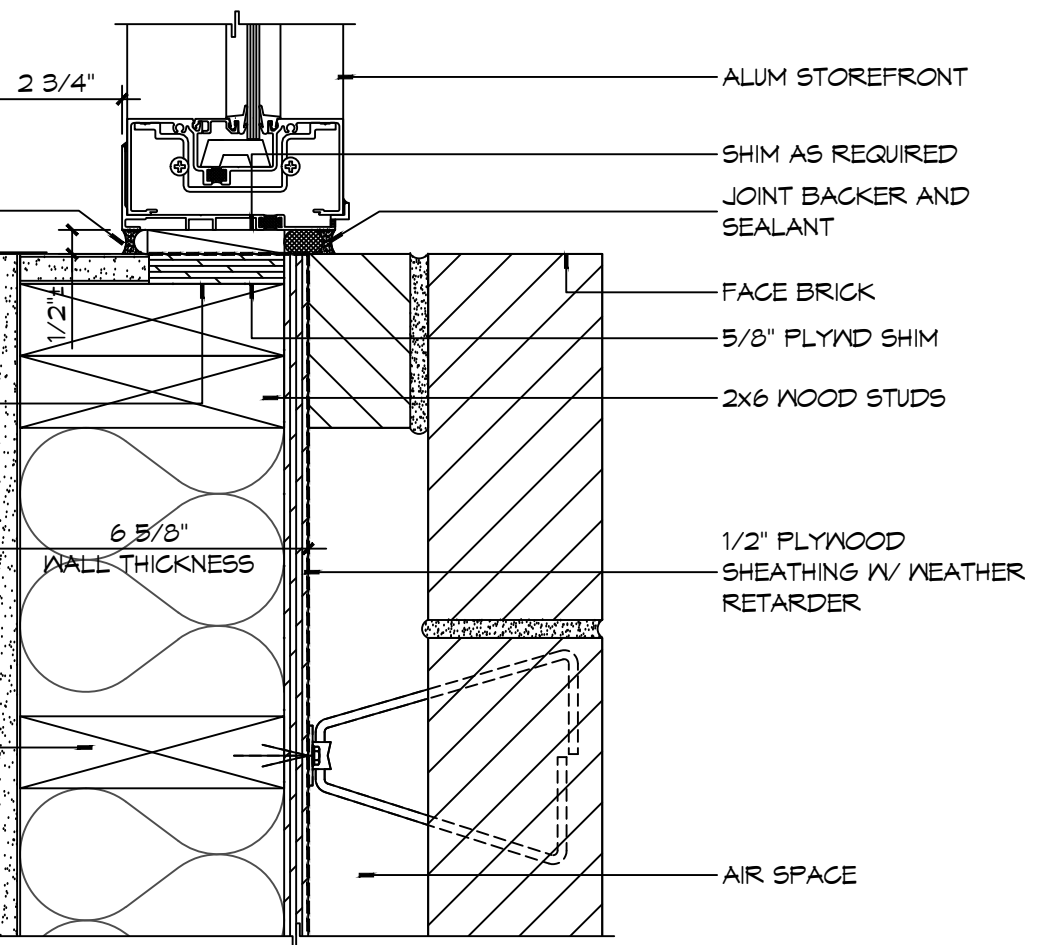
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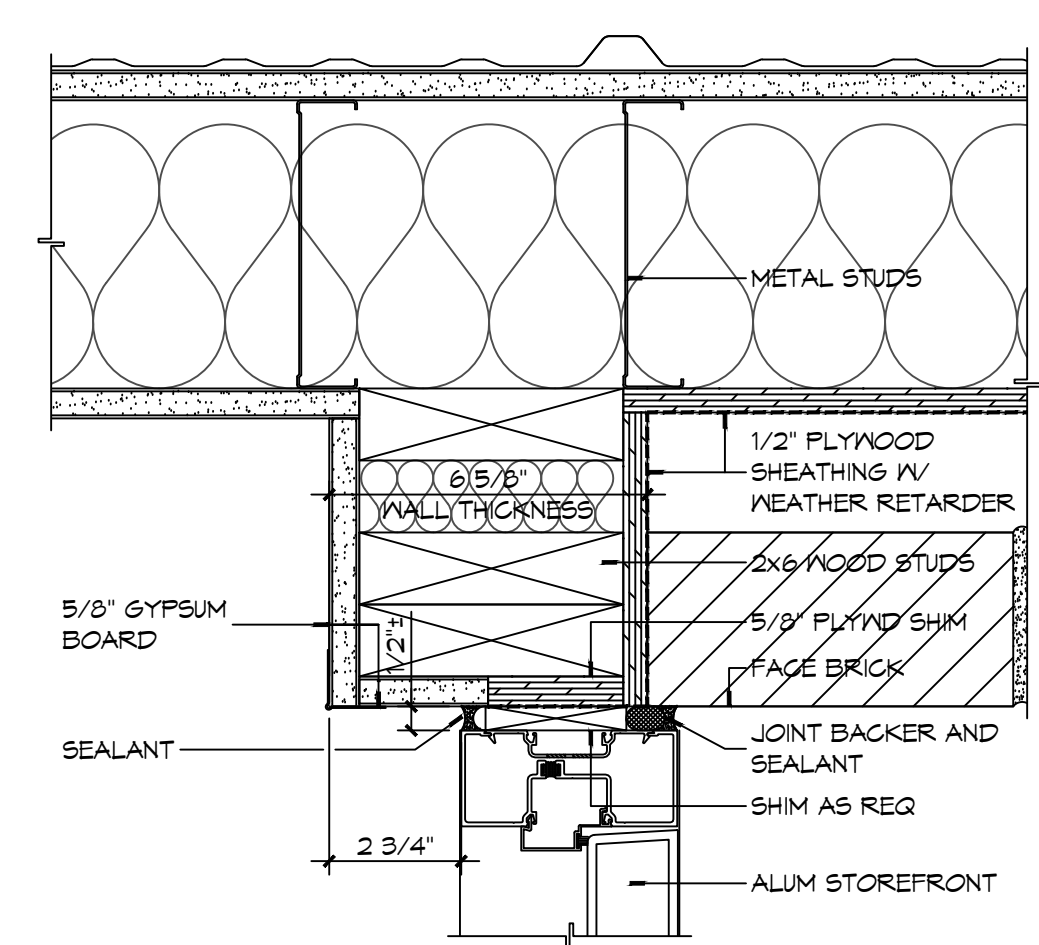
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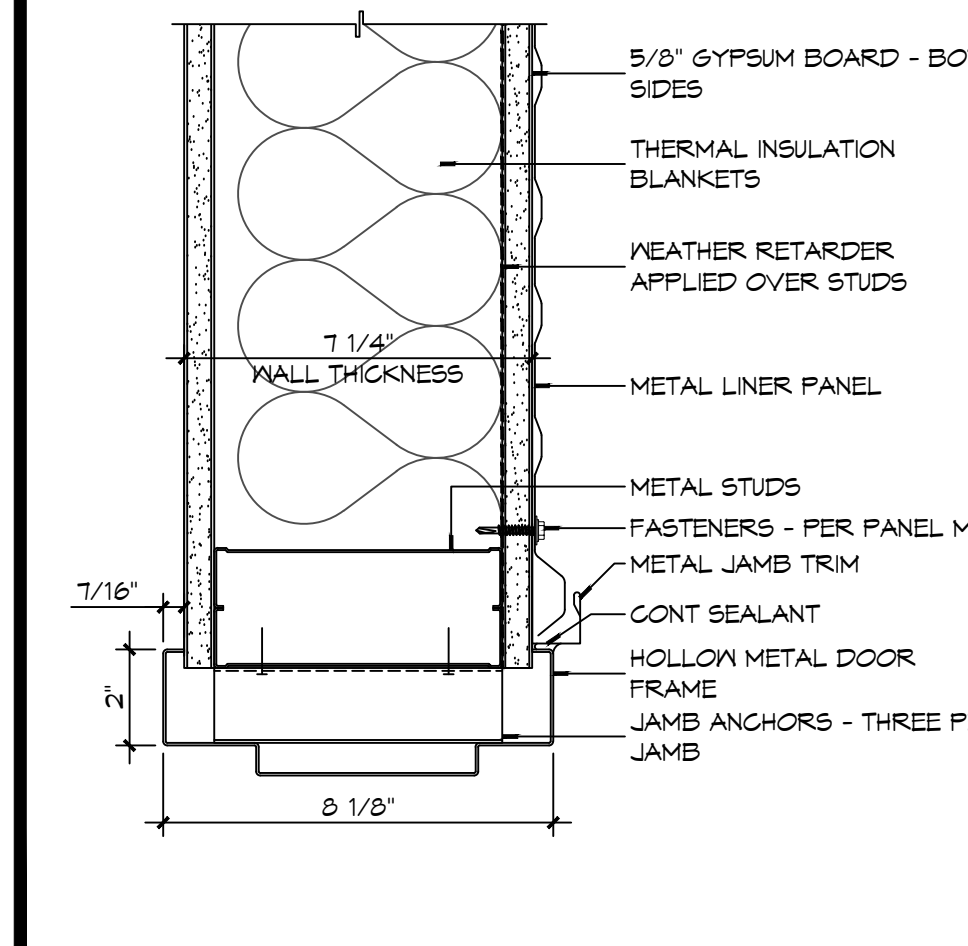
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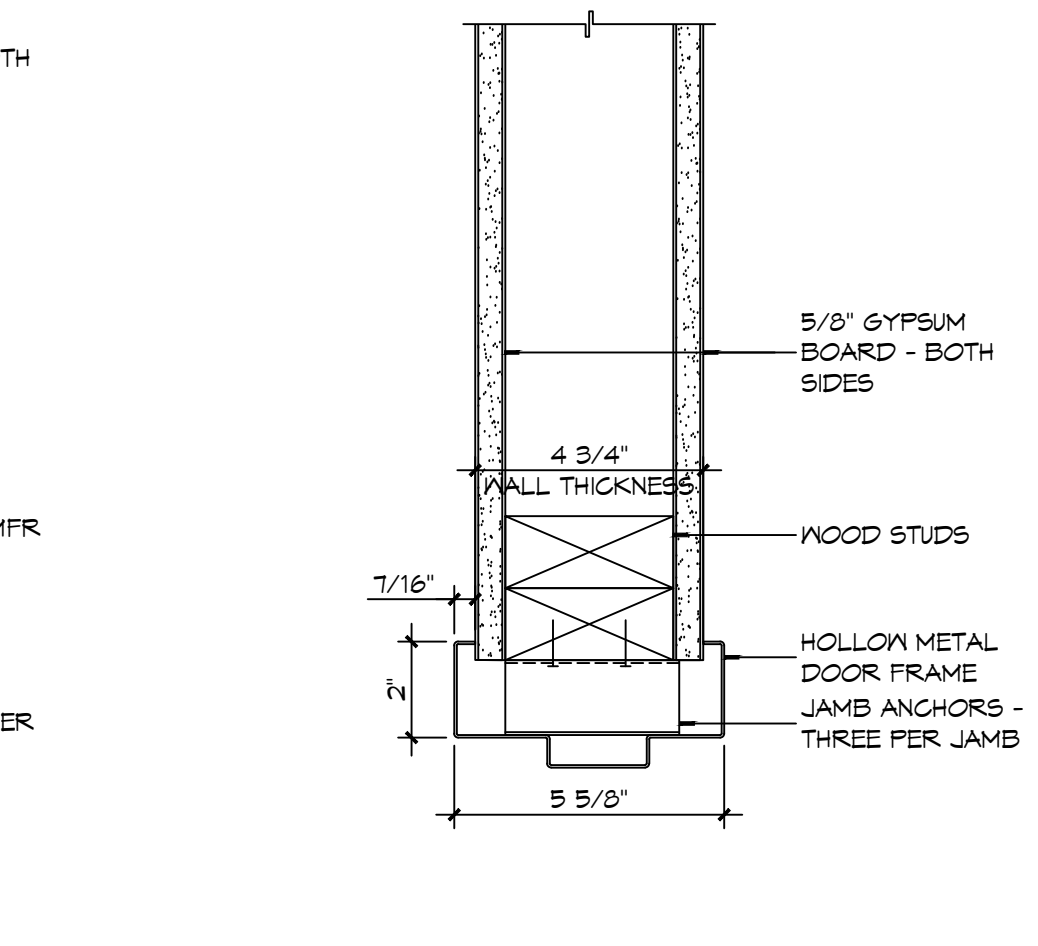
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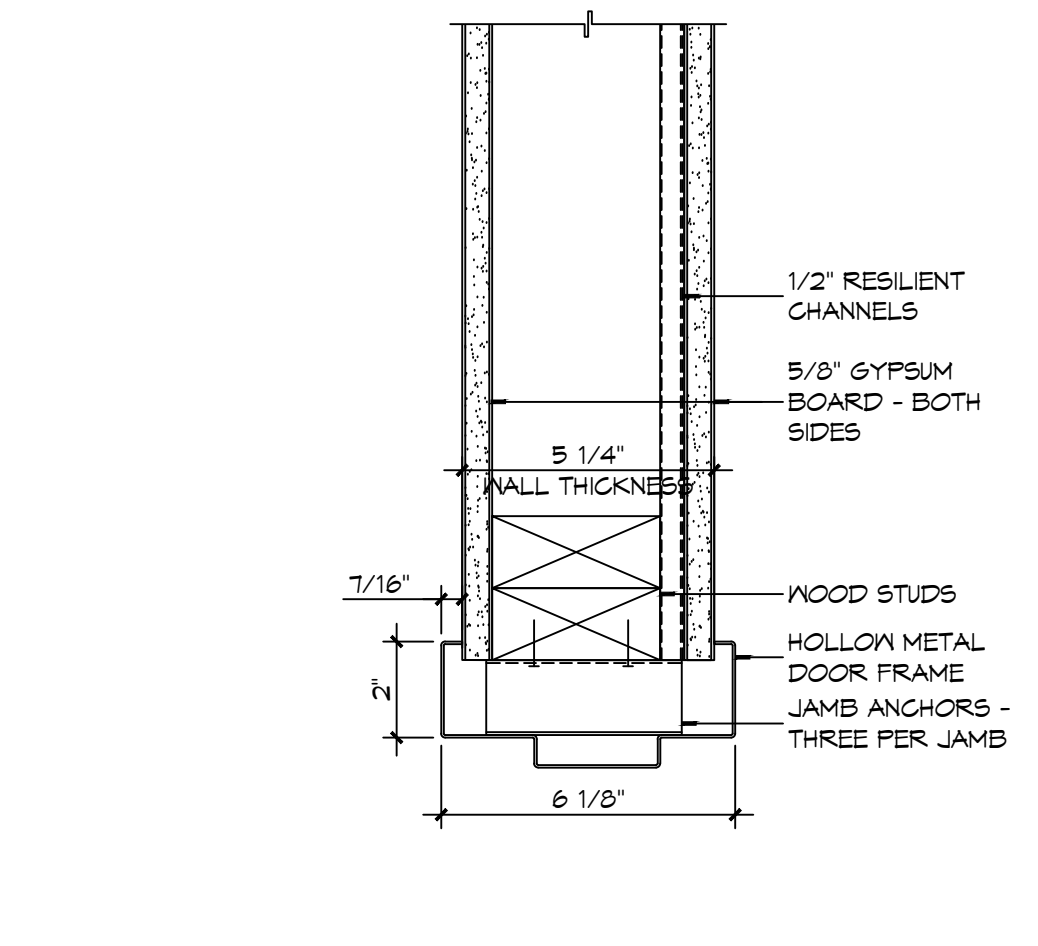
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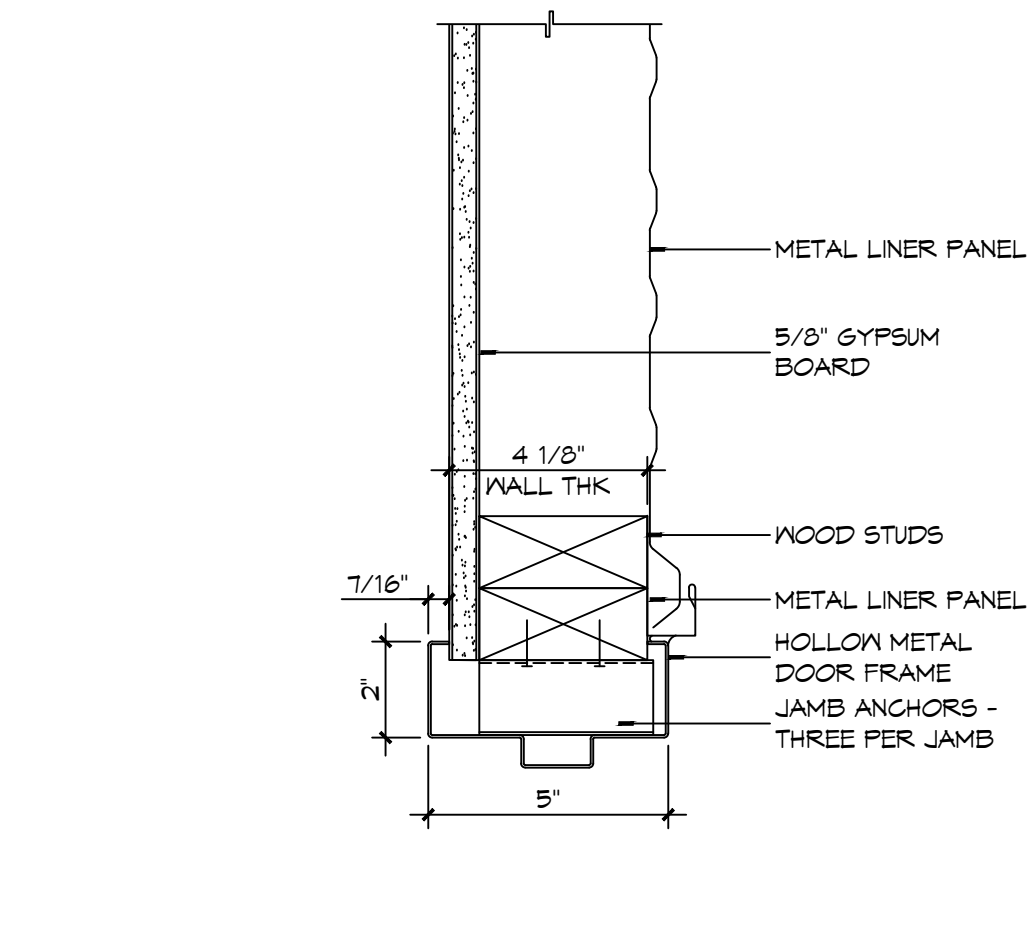
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JAMB



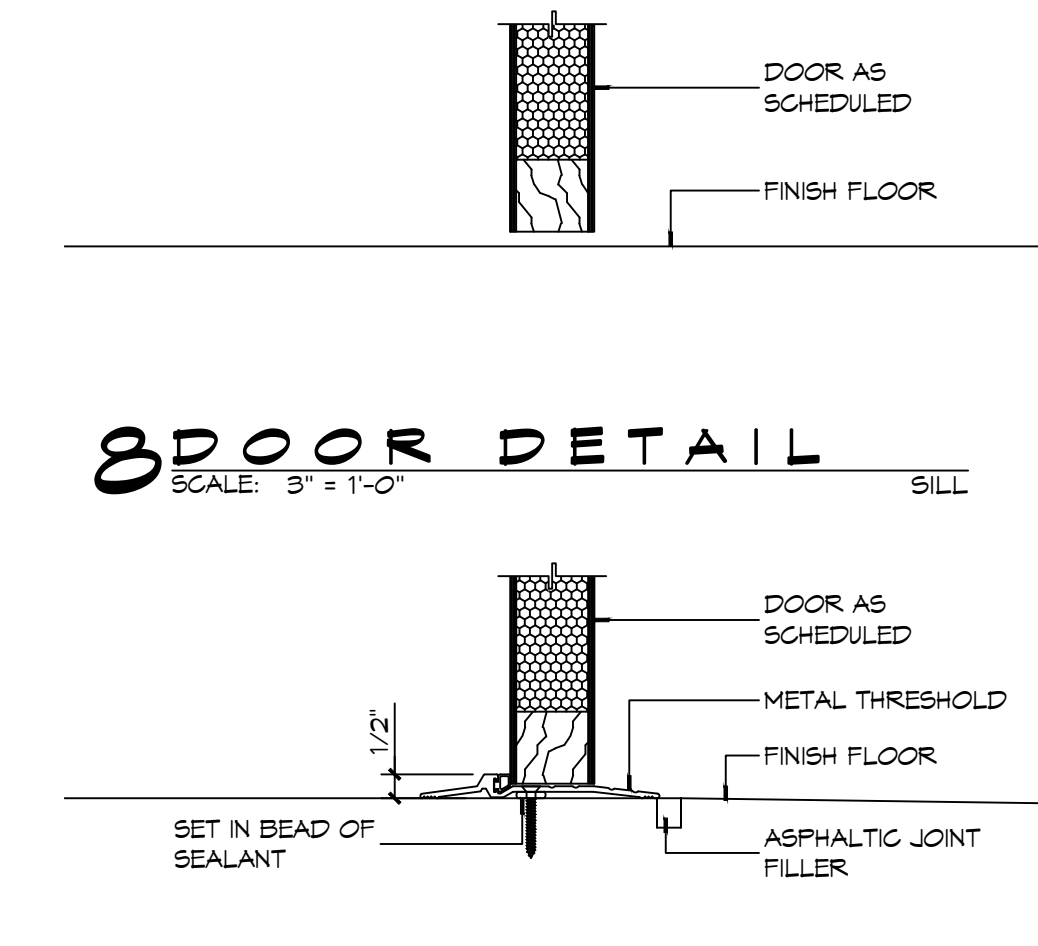
5 DOOR DETAIL
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JAMB



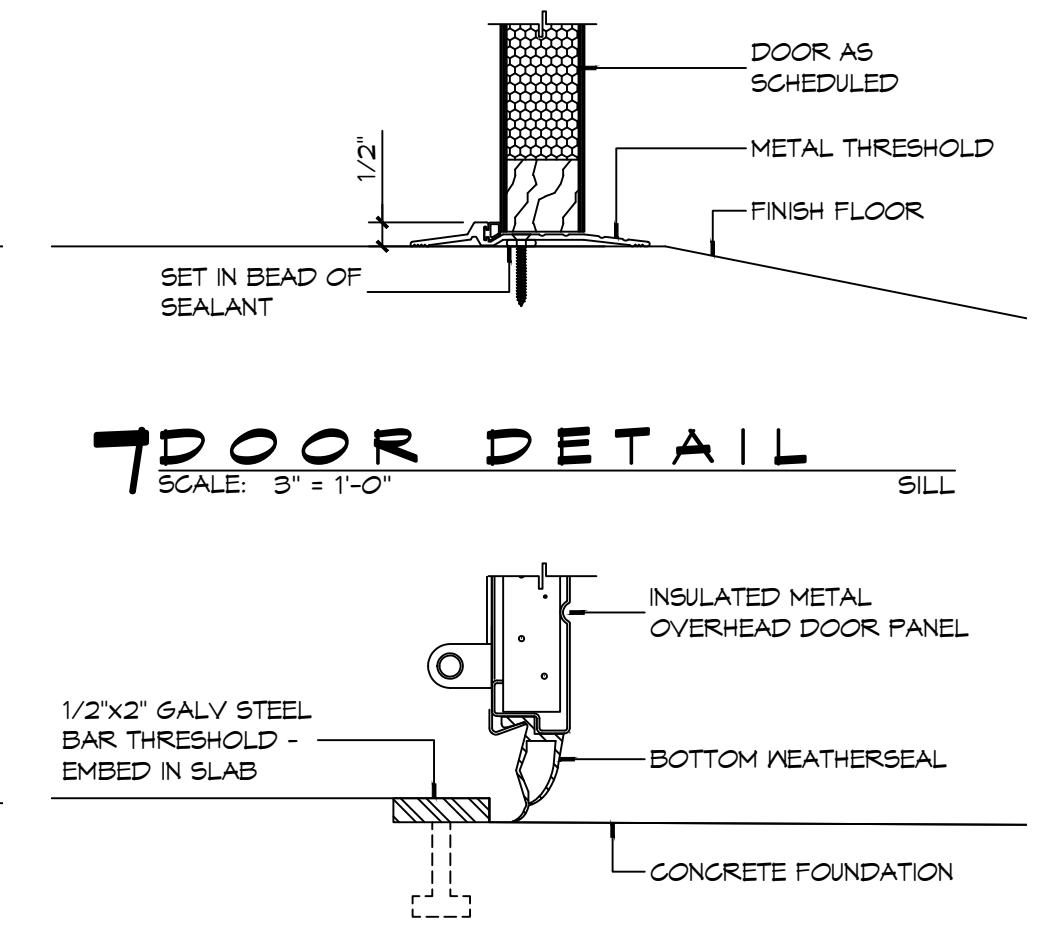
4 DOOR DETAIL
SCALE: 3" = 1'-0"
JAMB



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.
LOUISIANA & MISSISSIPPI
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info@dammonengineering.com
PH: 985-649-5832
Chief Engineer: Brian Missett, PE
554 Old Spanish Trail
Slidell, LA 70458

#	DESCRIPTION	REVISIONS	DATE

SEAL:

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 37

FILE NAME: J:\Projects\2013-2014\10-2013\10-2013.dwg PLOT DATE: 12/05/2013 PLOT TIME: 10:45:00 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 C103 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.

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

DAMMON

ENGINEERING, INC.

LOUISIANA & MISSISSIPPI

Chief Engineer: Brian Mistich, PE
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 Slidell, LA 70458
 www.dammonengineering.com
 info@dammonengineering.com
 PH: 985.649.5832

#	DESCRIPTION	DATE



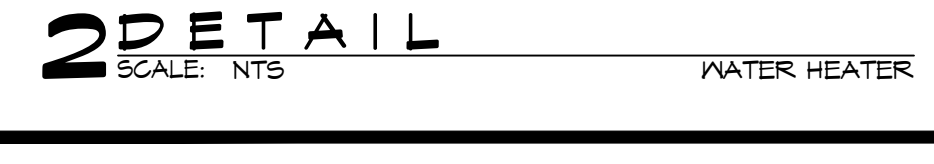
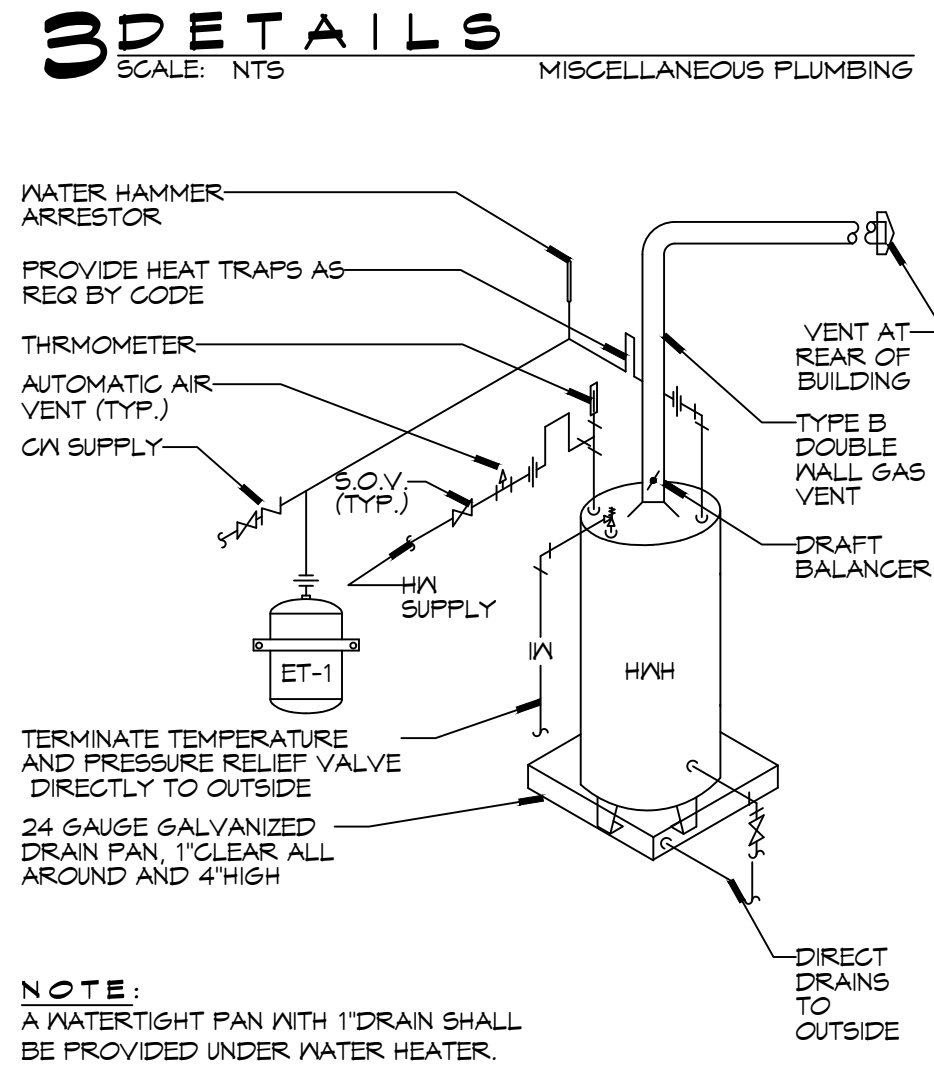
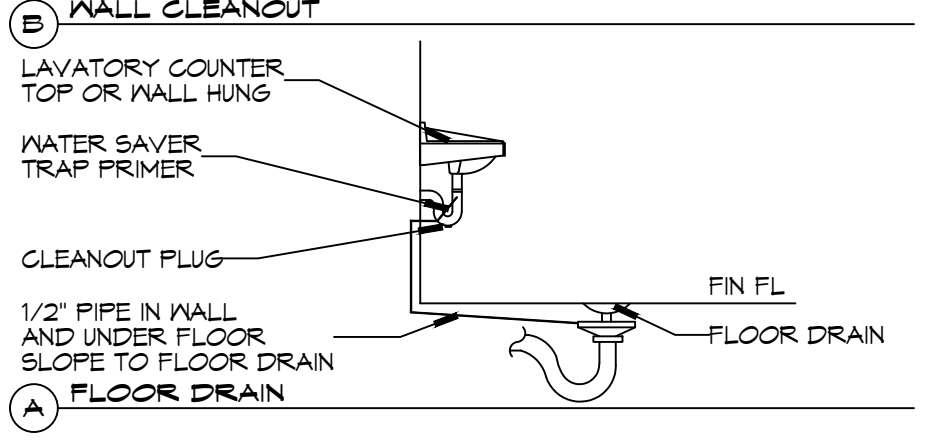
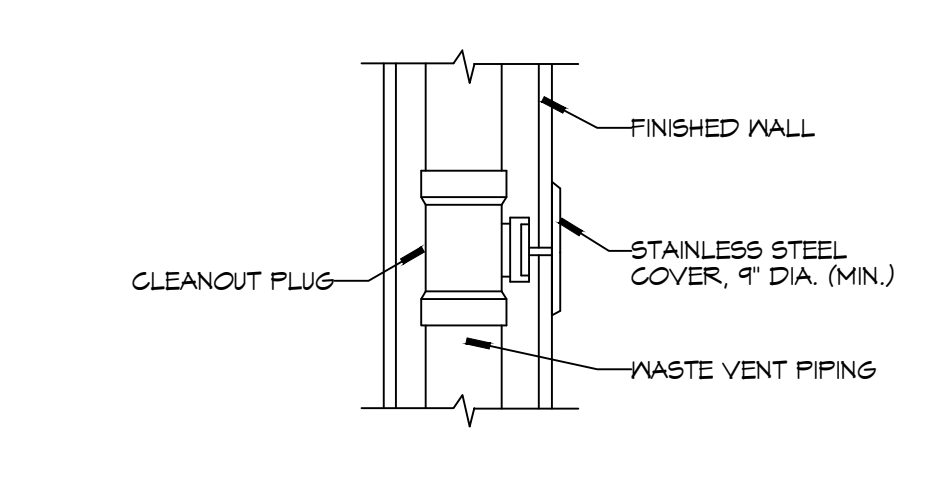
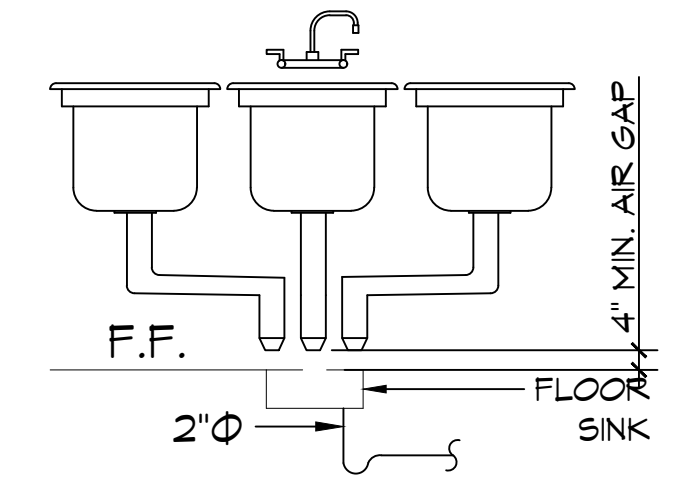
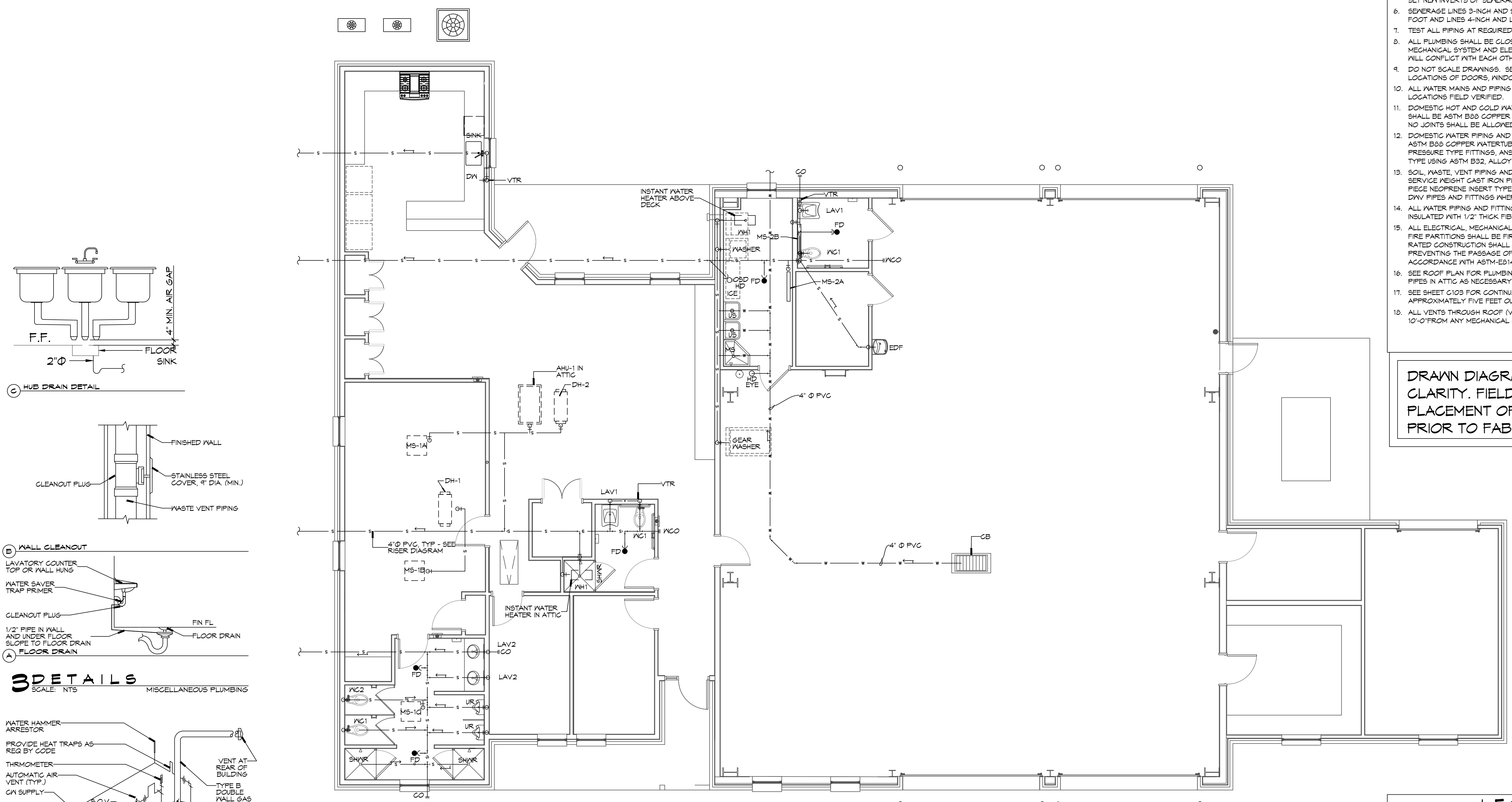
NEW FIRE STATION #10
 ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1

2148 LAKESHORE VISTA BLVD
 SLIDELL, LA 70461
 JOB No: 2519 DATE: 12-05-2015
 DRAWN BY: BAK CHECKED BY: CKD

SHEET TITLE:
 PLUMBING PLAN - SEWER AND WASTE, AND MISC PLUMBING DETAILS

DRAWING NUMBER:
P101

SHEET No: 30 of 31

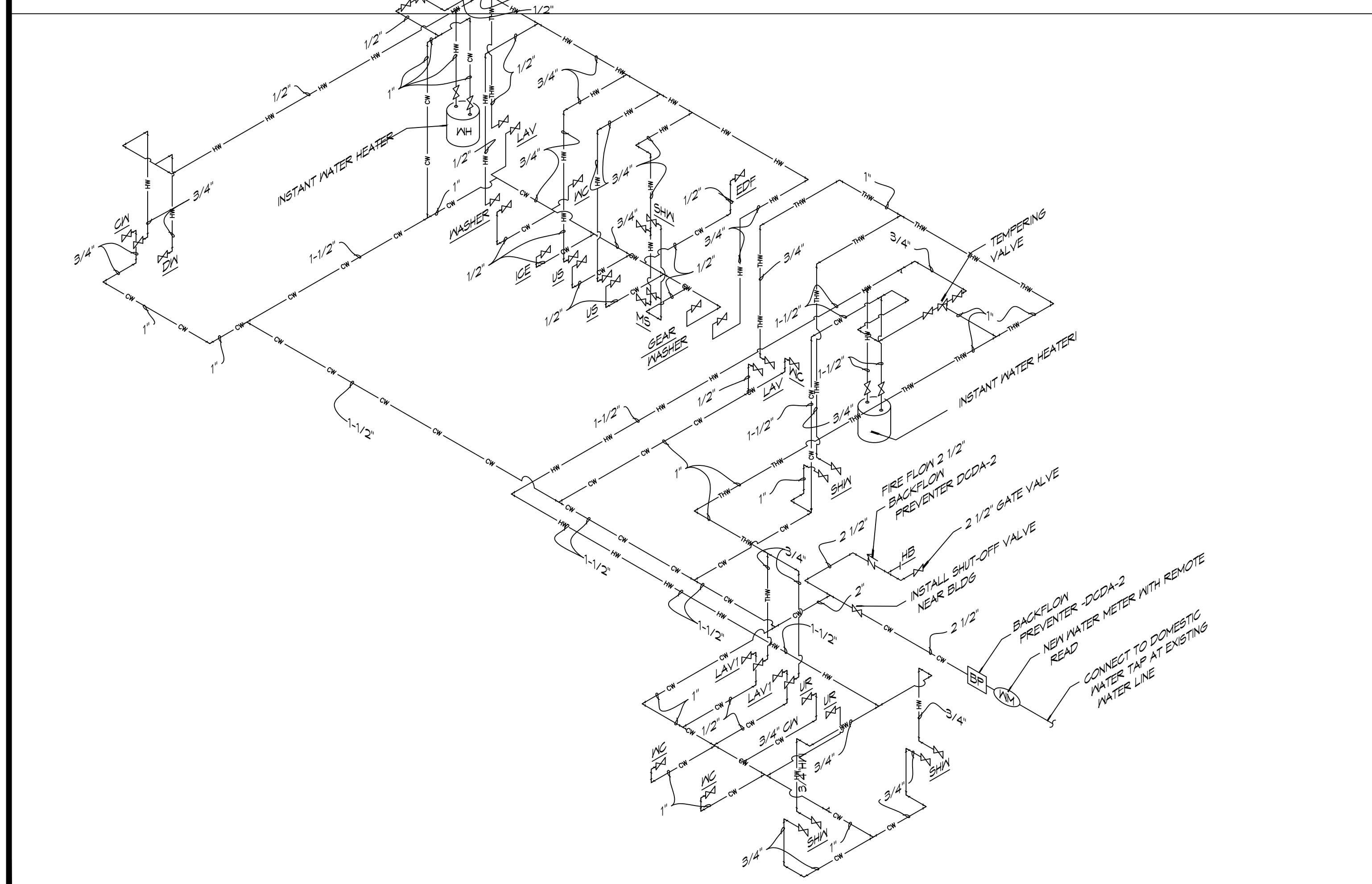


SYMBOL	DESCRIPTION
—S—S—	SANITARY SEWER
—DW—DW—	POTABLE/DOMESTIC WATER
—V—V—	VENT PIPE
—W—W—	WASTE WATER
—GAS—GAS—	GAS PIPE
—C—C—	CONDENSATE PIPE
—FD	FLOOR DRAIN
—OSD	OPEN SIGHT DRAIN
—LCO	LINE CLEAN OUT
—WCO	WALL CLEAN OUT

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 TSBC1611 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 SS 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	-	-	-	SGI PRECAST CB 24X24 W/CAST IRON FRAME AND GRATE U.S. FOUNDARY 4653/6337	4
OVS	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)



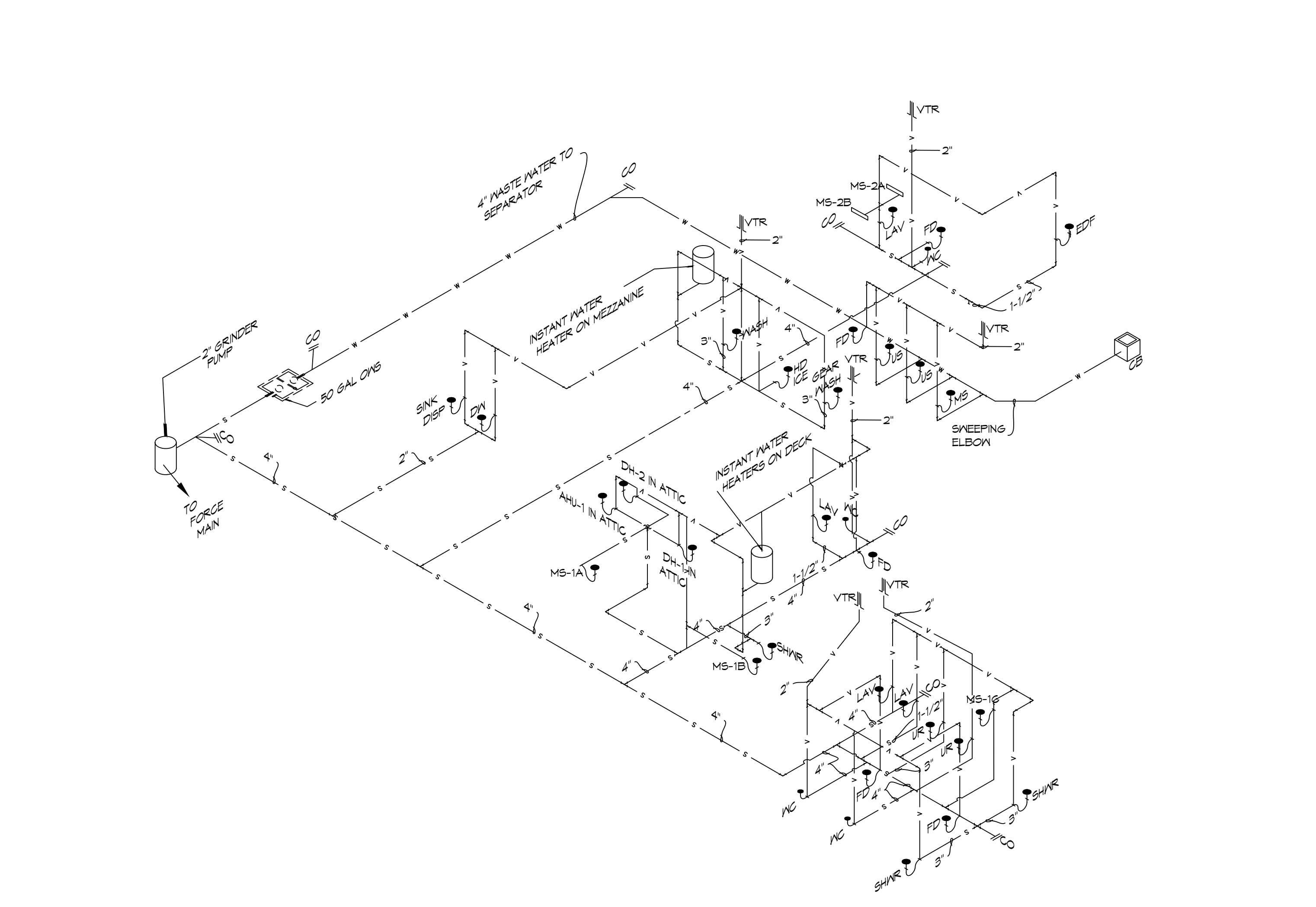
2 RISER DIAGRAM
SCALE: NTS PLUMBING WATER SUPPLY

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: sernstec@wrgr.com, M:(985) 640-1355

3 RISER DIAGRAM
SCALE: NTS



1 RISER DIAGRAM
SCALE: NTS PLUMBING SEWER AND WASTE WATER

DAMMON ENGINEERING, INC.
 LOUISIANA & MISSISSIPPI
 Chief Engineer: Brian Mistich, PE
 554 Old Spanish Trail
 Slidell, LA 70488
 www.dammonengineering.com
 info@dammonengineering.com
 PH: 985-649-5832

#	DESCRIPTION	DATE



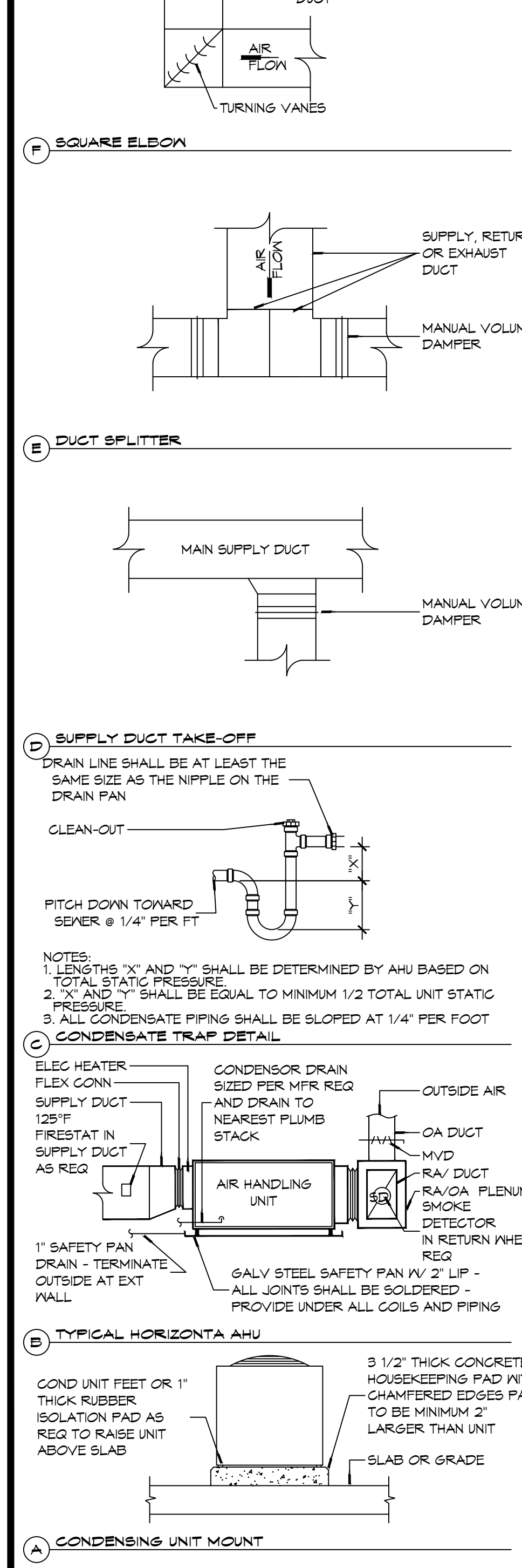
NEW FIRE STATION #10
 ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1
 2148 LAKESHORE VISTA BLVD
 SLIDELL, LA 70461
 JOB No: 2519 DATE: 12-05-2025
 DRAWN BY: CKD CHECKED BY: BAK

SHEET TITLE:
 PLUMBING AND GAS RISER DIAGRAMS

DRAWING NUMBER:

P103

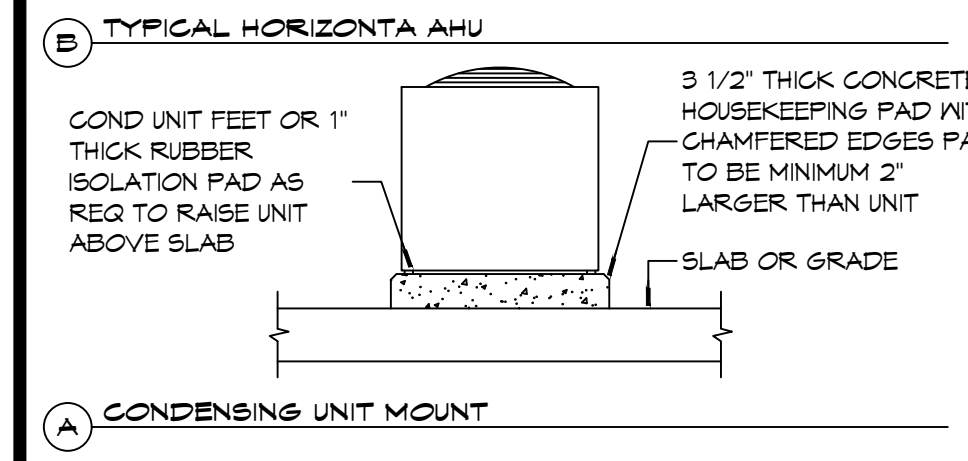
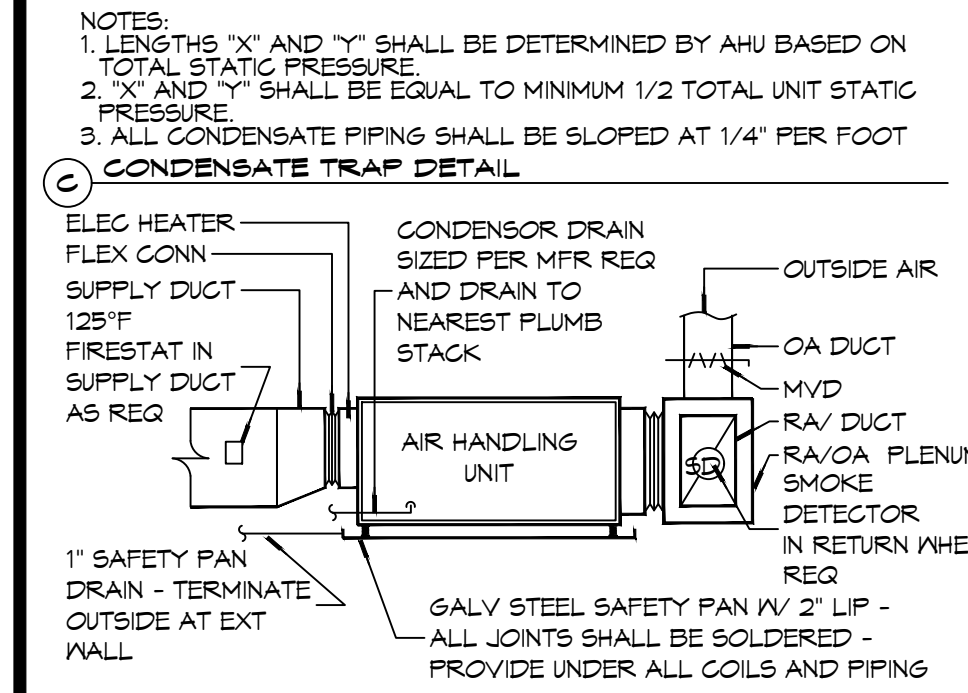
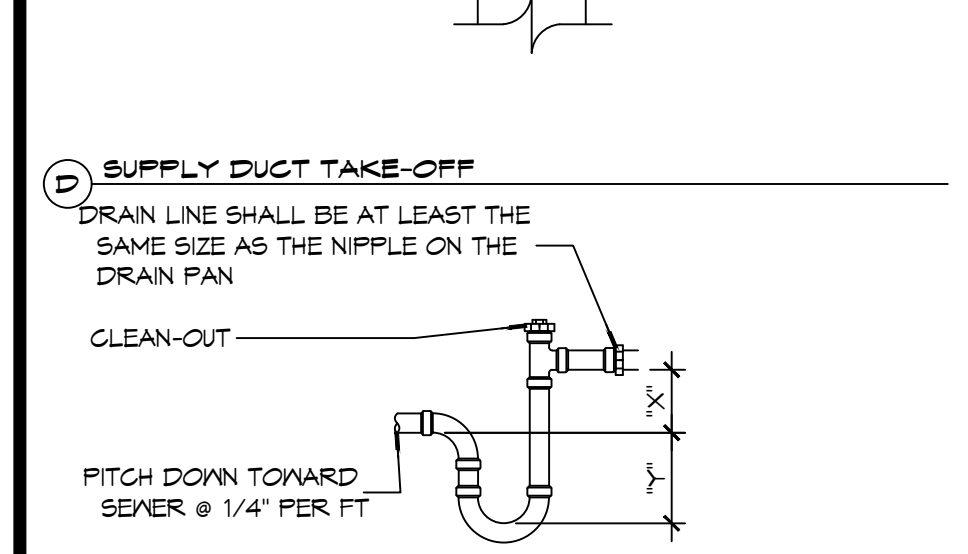
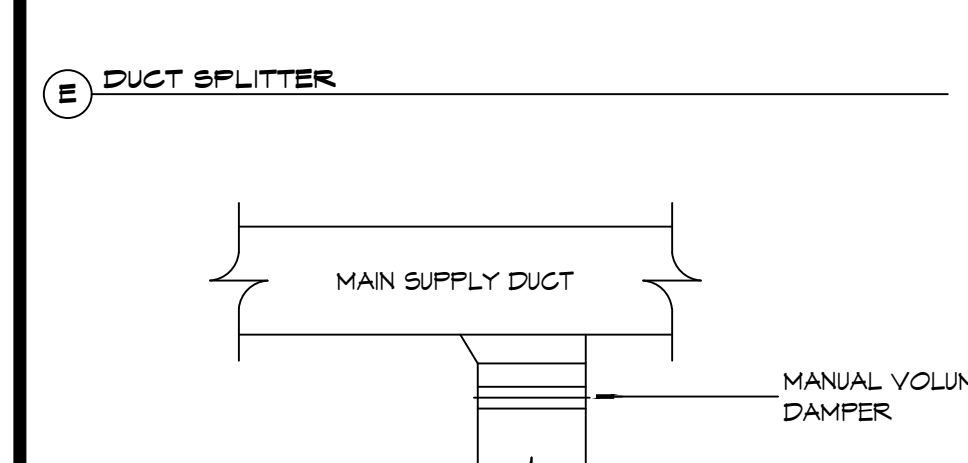
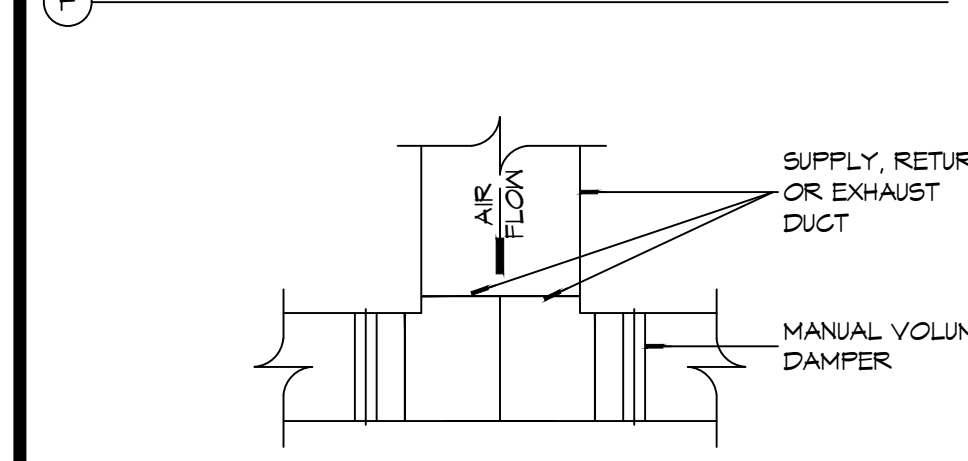
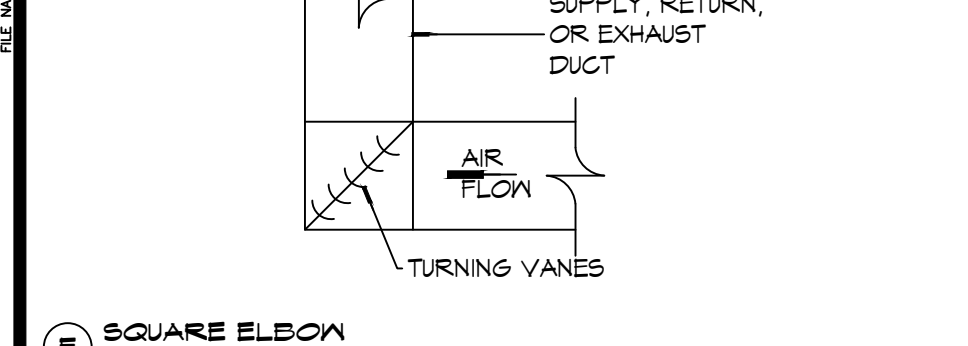
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1 MECHANICAL FLOOR PLAN

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

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



2 DETAILS

SCALE: NTS

LEGEND	
	ELECTRIC SPACE HEATER - SEE HEATER SCHEDULE
	GAS SPACE HEATER - SEE HEATER SCHEDULE
	SUPPLY AIR GRILLE
	RETURN AIR GRILLE
	EXHAUST FAN/LIGHT - SEE SCHEDULE FOR HEATER OPTION
	EXHAUST FAN ONLY
	OUTSIDE AIR INTAKE DUCT W/ VOLUME DAMPER AND MOTORIZED OR GRAVITY DAMPER TO SHUT OFF WHEN SYSTEM IS NOT RUNNING
	THERMOSTAT
	LINE VOLTAGE THERMOSTAT (PROVIDED BY MG)
	FD FIRE DAMPER
	SD SMOKE DAMPER
	VD SMOKE DAMPER
	15FD SMOKE & FIRE DAMPER
	15BD BACK DRAFT DAMPER
	ROUND FLEX DUCT, MAX. LENGTH 12'-0", MIN R-8. PROVIDE MANUAL DAMPER AT DIFFUSER CONNECTIONS; DUCT SIZE AS FOLLOWS: 250CFM TO 350CFM = 9" 200CFM TO 250CFM = 8" 150CFM TO 200CFM = 7" 100CFM TO 150CFM = 6"
	A/C CONDENSING UNIT
	MOTORIZED DAMPER
	BACKDRAFT DAMPER
	AHU UNIT
	DEHUM

GENERAL HVAC NOTES

- CONCEALED DUCTWORK TO BE GALVANIZED SHEET METAL LINED WITH FIBROUS GLASS DUCT LINER, MIN R-6. INSTALLED PER SMACNA STANDARDS.
- EXPOSED DUCTWORK TO BE GALVANIZED SHEET METAL LINED WITH FIBROUS GLASS DUCT LINER, MIN R-8. INSTALLED PER SMACNA STANDARDS.
- ROUND FLEXIBLE DUCT TO BE UL-181, CLASS 1, AIR DUCT MATERIALS.
- DUCT SIZES SHOWN ARE CLEAR INSIDE DIMENSIONS.
- IN ALL SYSTEMS OVER 2000 CFM AND LESS THAN 15,000 CFM, SMOKE DETECTORS SHALL BE INSTALLED IN ACCORDANCE WITH NFPA 72E IN THE RETURN DUCT DOWNSTREAM OF THE AIR HANDLING UNIT AND ALL FILTERS TO AUTOMATICALLY STOP THE FAN.
- 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.
- 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.
- CONDENSATE DRAINS TO BE PVC PIPE RUN TO PLUMBERS P-TRAP WITHIN FIVE FEET OF AIR HANDLING UNITS.
- ALL AIR HANDLING SYSTEMS TO BE BALANCED TO ASSURE PROPER AIR FLOWS PER PLANS.
- ALL THERMOSTATS TO BE AUTOMATIC CHANGEOVER WITH HEAT SWITCH.
- EXHAUST FAN SHALL BE CONTROLLED BY A SWITCH ON THE WALL IN THE SAME LOCATION AS LIGHT SWITCH(S). PROVIDE BACK DRAFT DAMPER.
- PROVIDE AND INSTALL WATER PROOF GRILLE VENT IN PROPER ROOF LOCATION FOR PLUMBING FIXTURE EXHAUST.
- ALL SUPPLY AIR VENTS SHALL BE EQUIPPED WITH AIR CONTROL DAMPERS AT THE REGISTER.
- LOCATE OUTDOOR UNITS AS SHOWN ON ARCHITECTURAL DRAWINGS.
- REFRIGERANT LINES SHALL BE SIZED BY UNIT MANUFACTURER AND INSTALLED ACCORDING TO MANUFACTURER'S INSTRUCTIONS.
- FRESH AIR SHALL BE SUPPLIED TO EACH AIR HANDLER THROUGH EXTERIOR WALL DUCT SUPPLIED WITH A CONTROL DAMPER.
- 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).
- ALL MECHANICAL SYMBOLS ARE DRAWN DIAGRAMMATICALLY. CONTRACTOR TO VERIFY WITH OWNER LOCATIONS OF VENTS, DAMPERS, REGISTERS, ETC.
- FLEXIBLE DUCTWORK LENGTH NOT TO EXCEED 12'-0".
- REFER TO REFLECTED CEILING PLAN FOR FINAL GRILLE AND DIFFUSER LOCATIONS AND COORDINATE AS REQUIRED.
- FINAL LOCATION OF TEMPERATURE CONTROLS TO BE COORDINATED WITH OWNER AT JOB SITE.
- 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.
- FRESH AIR INTAKES ARE REQUIRED TO HAVE MOTORIZED OR GRAVITY DAMPERS TO SHUT OFF WHEN SYSTEM IS NOT RUNNING.
- PROVIDE BIRD SCREENS AT ALL EXTERIOR MECHANICAL PENETRATIONS.
- COORDINATE WALL MOUNTED THERMOSTAT LOCATIONS WITH ALL OWNER FURNISHED ITEMS EITHER WALL MOUNTED OR FLOOR MOUNTED AGAINST PARTITIONS. REFER TO ARCHITECTURAL DRAWINGS.
- SEE ROOF PLAN FOR ALL ROOF PENETRATIONS.
- PROVIDE MIN 16 GA GALVANIZED SHEET METAL TO BLANK-OFF GABLE VENTS WHERE INTAKE/EXHAUST DUCTS OCCUR.
- 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.

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.

DAMMON ENGINEERING, INC.
LOUISIANA & MISSISSIPPI
Chief Engineer: Brian Mistich, 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
2148 LAKESHORE VISTA BLVD
SLIDELL, LA 70461
JOB No: 2519 DATE: 12-05-2025
DRAWN BY: CKD CHECKED BY: BAW

SHEET TITLE:
HVAC FLOOR PLAN, DETAILS, AND SCHEDULES
DRAWING NUMBER:
M101
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 - AVCC-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 F-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

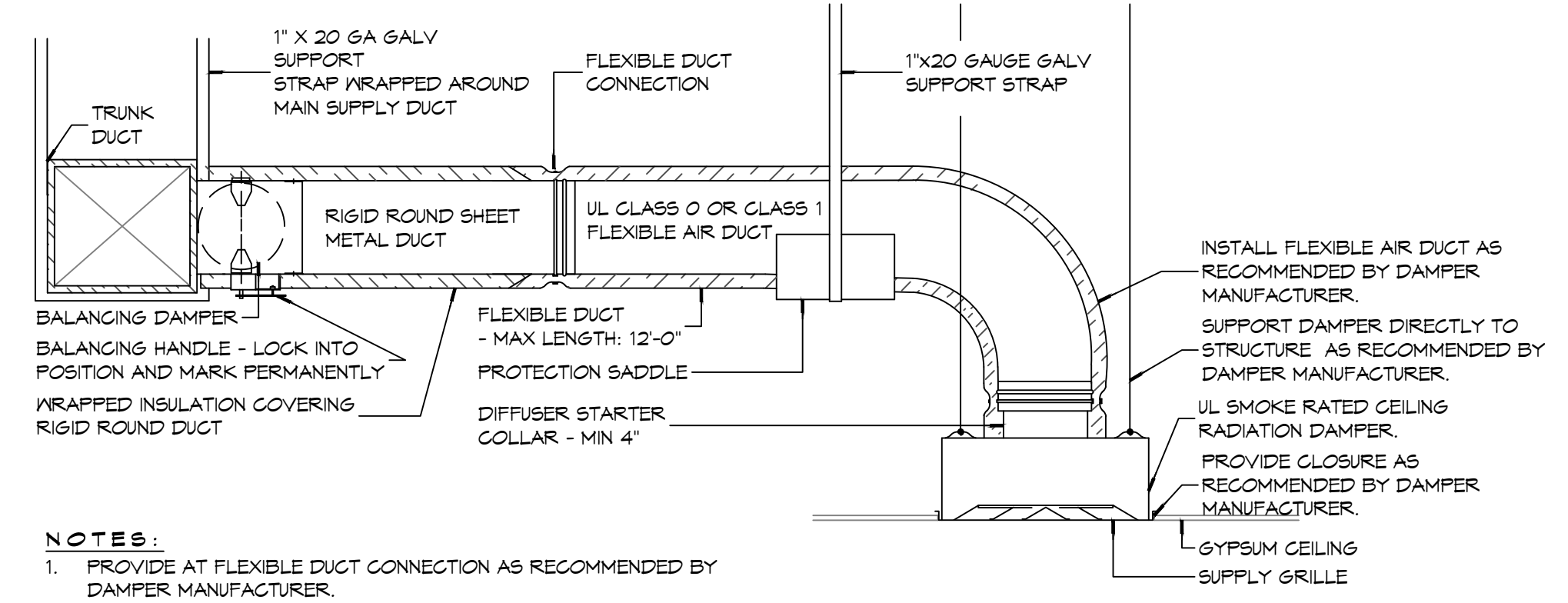
- NOTES:**
1. Install units in accordance with NFPA and manufacturer's recommendations.

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.

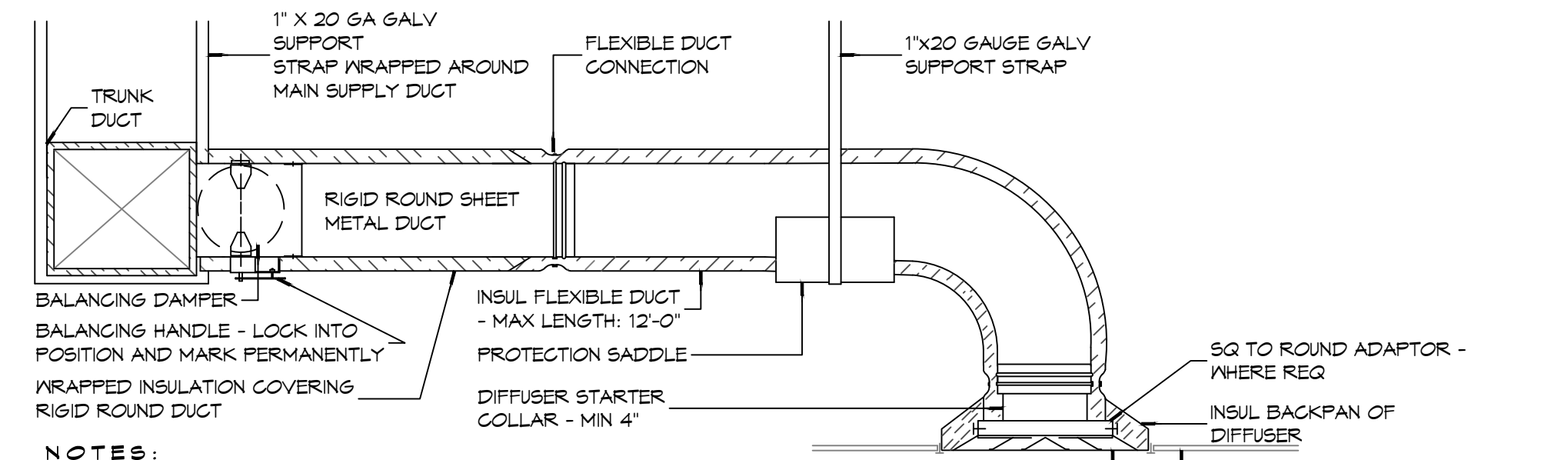
DAMMON ENGINEERING, INC.
LOUISIANA & MISSISSIPPI
Chief Engineer: Brian Mistich, PE
554 Old Spanish Trail
Slidell, LA 70458
www.dammonengineering.com
info@dammonengineering.com
PH: 985-649-5832

#	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" DRAWBAND 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.

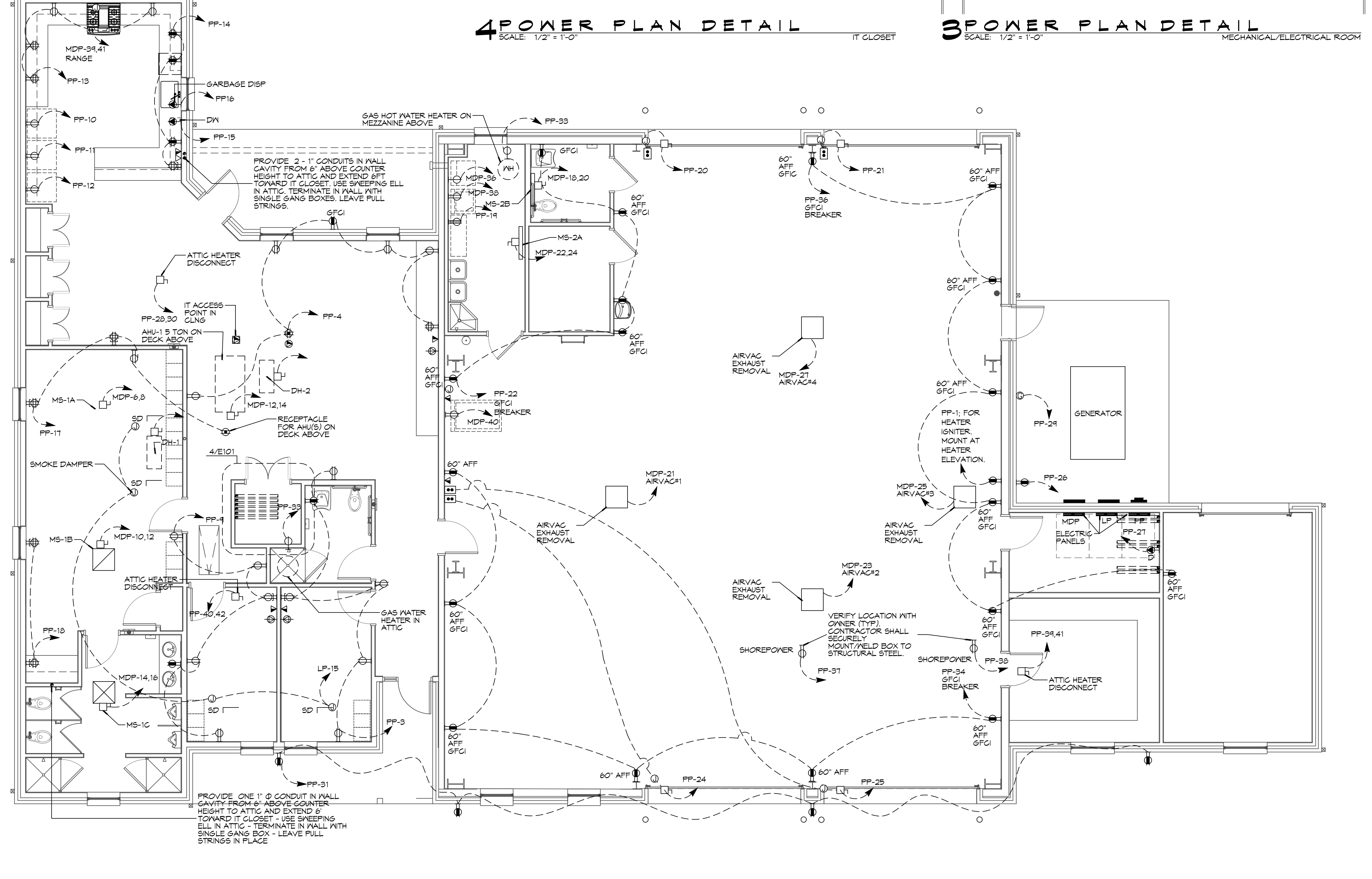
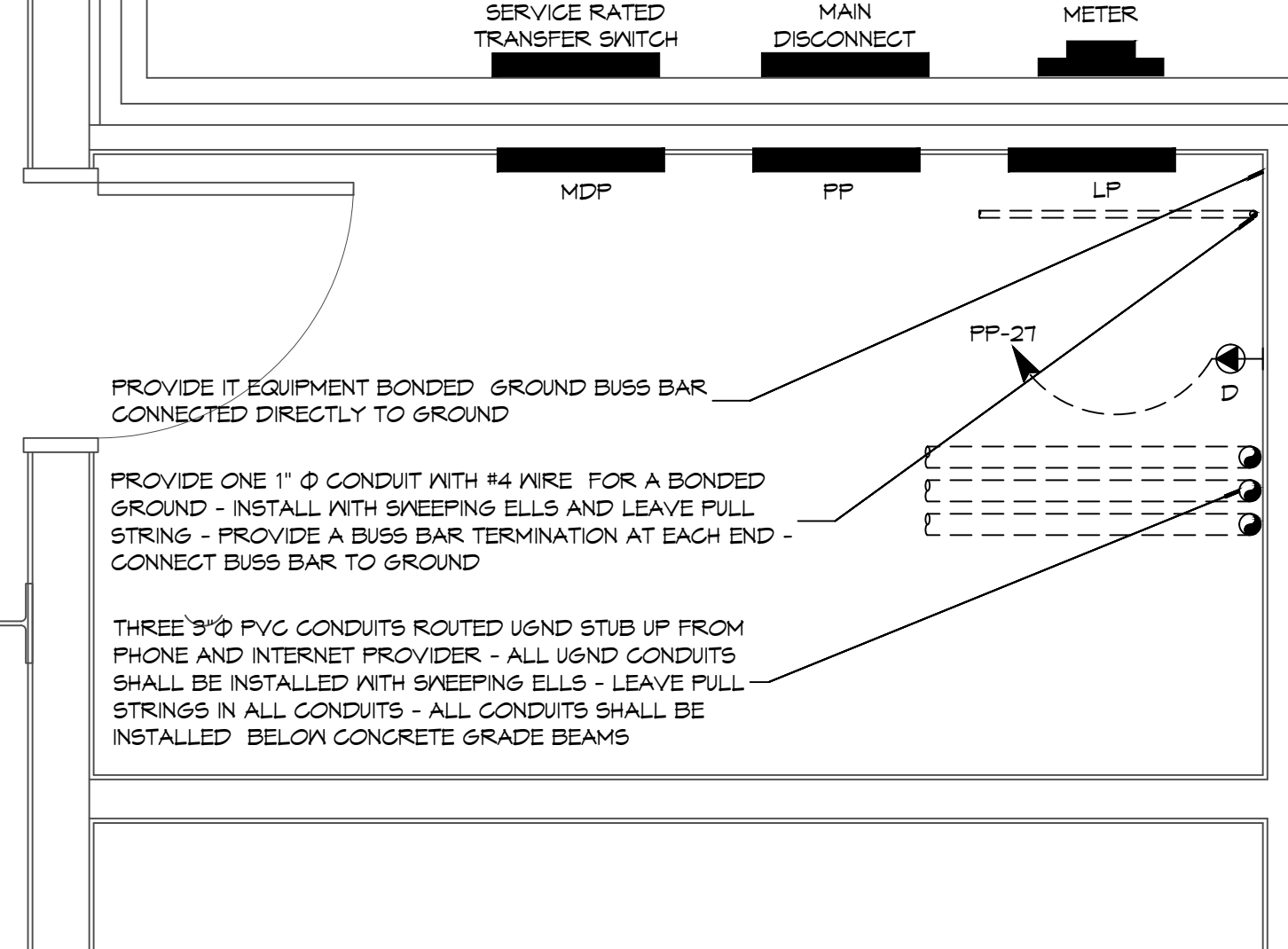
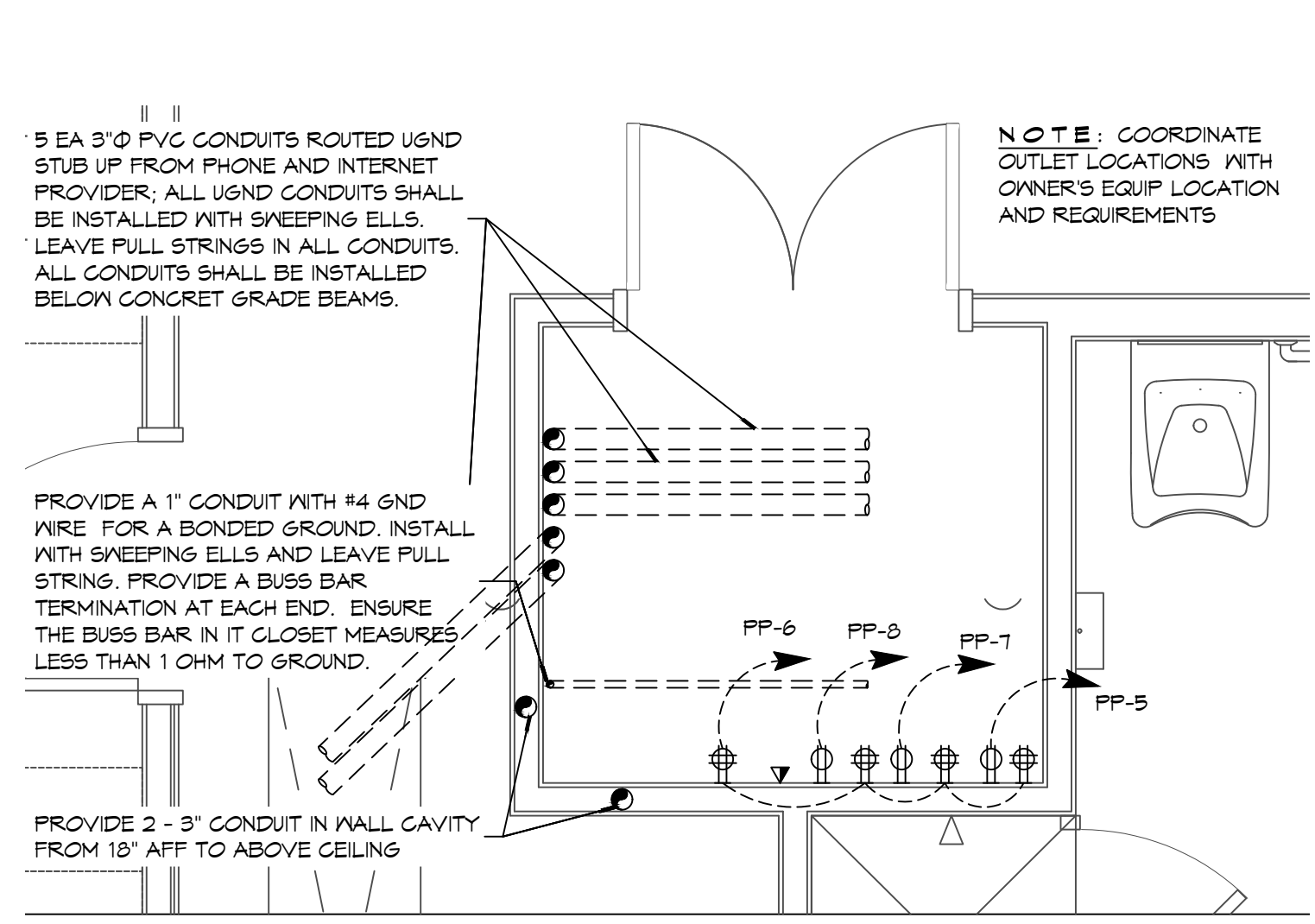
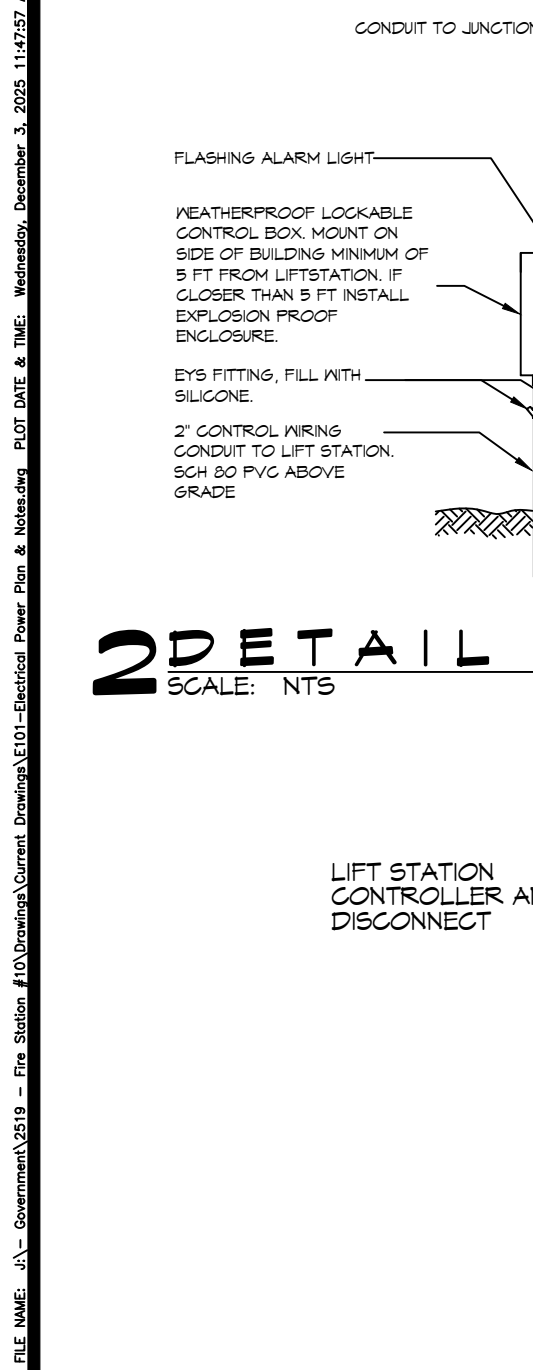
(A) TYPICAL NON-RATED CEILING DIFFUSER

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

SHEET TITLE:
HVAC DETAILS AND SCHEDULES

DRAWING NUMBER:

M102



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, RECEPTABLES 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 FINISH CEILINGS, FINISH FLOORS, 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 RECEPTABLES AT RECEPTACLE LOCATIONS WITHIN 5' OF SINKS OR LAVATORIES, AND AT EXTERIOR LOCATIONS. EXTERIOR RECEPTABLES SHALL ALSO BE WATERPROOF.
- BONDING AND GROUNDINGS SHALL BE IN ACCORDANCE WITH NFPA 70:250-63, NFPA 250-23, 250-71 & 250-72.
- GROUND NEUTRAL IN ACCORDANCE WITH NFPA 70:250-230.
- 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 RECEPTABLES AND SWITCHES ARE TO HAVE WEATHER PROOF COVERS IN APPARATUS BAY. 50% OF ALL EXTERIOR WEATHER PROOF COVERS SHALL BE IN-USE COVERS.

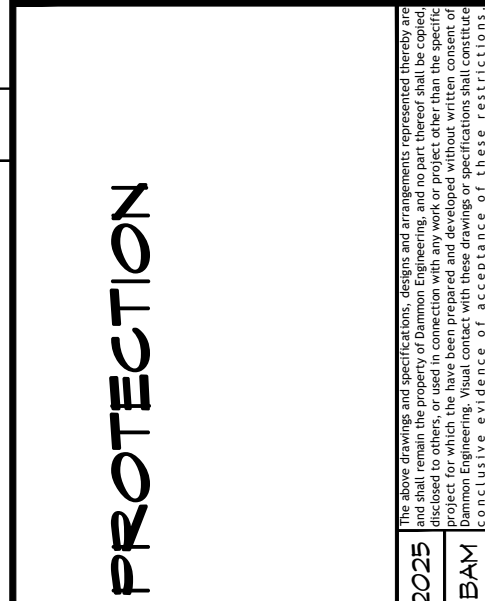
LEGEND

- SYMB DESCRIPTION
- ⊕ STANDARD 120V DUPLEX RECEPTACLE, NEMA 5-2 OR 15" AFF (UNLESS OTHERWISE NOTED)
 - ⊕ SINGLE-POLE DEDICATED RECEPTACLE - REFER TO PANEL SCHEDULE FOR CIRCUIT SIZE
 - ⊕ GFCI DUPLEX RECEPTACLE
 - ⊕ GFCI QUAD RECEPTACLE
 - ⊕ 220V ELECTRIC DRYER RECEPTACLE - MOUNTED AT 30" AFF
 - ⊕ 220V DEDICATED GFCI RECEPTACLE
 - ⊕ WEATHER-PROOF GFCI 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 QUAD-USB 5VDC 3 AMP HUBBELL USB CHARGER RECEPTACLE
 - ⊕ JUNCTION BOX
 - ⊕ GENERATOR BATTERY CHARGER GFI 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:**
- CONNECT ALL EMERGENCY/EXIT LIGHT FIXTURES TO NEAREST CONSTANT POWER SOURCE.
 - 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: ⊕ OR ⊕
 - REFER TO INTERIOR ELEVATIONS FOR MOUNTING HEIGHT AND ORIENTATION OF OUTLETS MOUNTED ABOVE COUNTERTOPS.

DAMMON ENGINEERING, INC.
LOUISIANA & MISSISSIPPI
Chief Engineer: Brian Mistich, PE
554 Old Spanish Trail
Slidell, LA 70688
www.dammonengineering.com
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 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

LUMINAIR SCHEDULE

ID	DESCRIPTION	MOUNTING	MFR	PART #	FINISH	LAMPS #	LAMP TYPE	WATTAGE	FIXTURE NOTES	INSTALLATION NOTES
EM-1	EMERGENCY LIGHT	WALL	PHILIPS	F1WIC	WHITE	2	35W MR16	2.5W		
EM-2	EMERGENCY LIGHT	WALL	BARRON	LL60	BLACK	2	HIT	10.8W		
EX-1	EXIT LIGHT	CEILING	PHILIPS	45VLRGALX	WHITE	1	LED	2.5W		
EX-2	EXIT LIGHT	WALL	PHILIPS	CXL36W	WHITE	1	LED	3.7W		
F-1	CEILING FAN	CEILING	MODERN FAN COMPANY	IND-6V525VNLNC	GALV	0	N/A	25W		
F-1A	CEILING FAN W/ LIGHT	CEILING	MODERN FAN COMPANY	IND-6V525V48INC	GALV	1	75W 64 HALOGEN	160W		
L-1	LINEAR FLUORESCENT	SURFACE	LITHONIA LIGHTING	AVSM 2 54T5HO SBL DLS MVOLT	WHITE	2	T5	54W		
L-10	PENDANT	RECESSED	COOPER INDUSTRIES	P461-071	CHROME	1	60W T10 MED BASE	60W	CLEAR BULB	
L-11	PENDANT	RECESSED	COOPER INDUSTRIES	P460-071	CHROME	1	60W T10 MED BASE	60W	CLEAR BULB	
L-12	WALL SCONCE	WALL	PHILIPS	106L-2-39LA-NH-UNV-BRP	PAINTED		LED			SEE EXT ELEV FOR MOUNTING HT
L-13	WALL SCONCE	WALL	PHILIPS	RIN-100-IN-S-C-1-RB6NH	COLOR TBD	1	LED	100	SIZE 2	SEE EXT ELEV FOR MOUNTING HT
L-14	VAPORPROOF FIXTURE	WALL	TEXAS FLUORESCENTS	VPMINGSL	METAL	1	A19 75W SOFT WHITE	75W		
L-2	RECESSED CAN	RECESSED	COOPER INDUSTRIES	HTICAT	WHITE	1	UTILITECT PRO LPAR30/5K/LED65	20W	WHITE BAFFLE AND TRIM	
L-3	HIGH BAY LIGHT	PENDANT	TEXAS FLUORESCENTS	HBC432M23MY	-	4	48" T8	25W		
L-4	VAPORPROOF FIXTURE	CEILING	TEXAS FLUORESCENTS	VPCINGSL	METAL	1	A19 75W SOFT WHITE	75W		
L-5	VANITY LIGHT	WALL	NUVO LIGHTING	60-906	BRUSHED NICKEL	2	F1T20	17W		SEE INT ELEV
L-6	RECESSED CAN	RECESSED	COOPER INDUSTRIES	HTICAT	WHITE	1	UTILITECT PRO LPAR30/5K/LED65	20W	VAPOR PROOF COVER	
L-7	SURFACE FLUORESCENT	CEILING	TEXAS FLUORESCENTS	SHUCPF232MY	WHITE	2	F32T8	64W		
L-8	OUTDOOR LIGHT	GROUND	UNIVERSAL LIGHTING SYSTEMS	UC1300AZ	ALUM/BRONZE	1	MR16LED 40"	7W		MNT IN CONC
L-9	FLUORESCENT STRIP	CEILING	LITHONIA	LEBL4 LP835	WHITE	2	LED	7W		

GENERAL LIGHTING NOTES

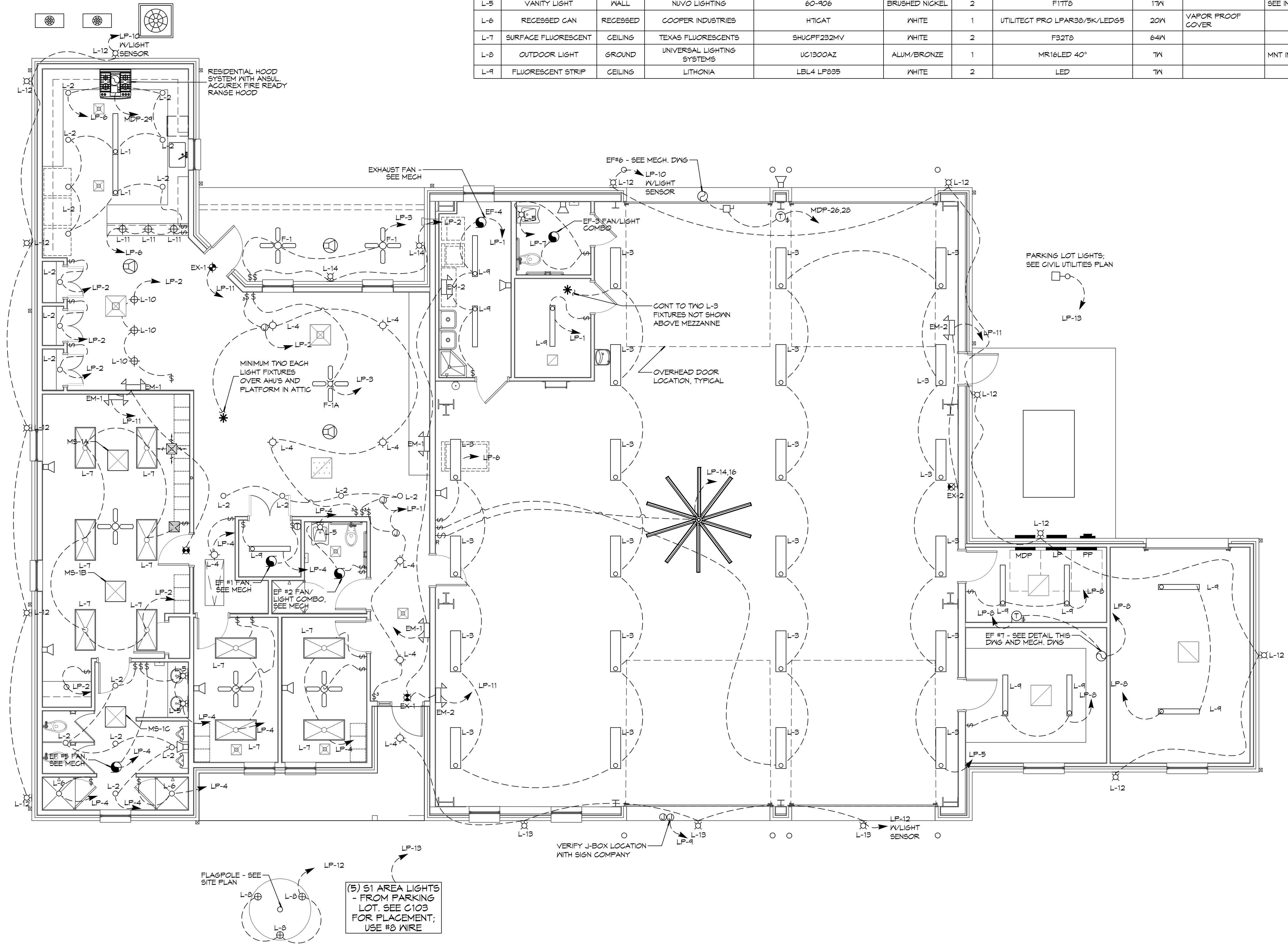
- ALL WORK SHALL COMPLY WITH APPLICABLE NATIONAL, STATE, AND LOCAL CODES, RULES, REGULATIONS, AND REQUIREMENTS OF THE SERVICE UTILITY COMPANY.
- GENERAL CONTRACTOR SHALL NOTIFY THE ARCHITECT IMMEDIATELY IF ANY CONFLICTS OCCUR BETWEEN LIGHTING AND ANY OTHER TRADE. DO NOT PROCEED WITH INSTALLATION IN THAT AREA UNTIL CONFLICT HAS BEEN RESOLVED TO THE SATISFACTION OF THE ARCHITECT AND ENGINEER.
- REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION AND MOUNTING INSTRUCTIONS FOR ALL LIGHT FIXTURES. NOTIFY THE ARCHITECT AND ENGINEER OF ANY DISCREPANCIES BETWEEN THESE PLANS AND THE ARCHITECTURAL PLANS RELATING TO QUANTITY, TYPE AND LOCATION OF DEVICES AND/OR FIXTURES.
- WHEN SPECIFIC LIGHT FIXTURE HAS BEEN SPECIFIED IN THE FIXTURE SCHEDULE, ELECTRICAL SHALL PROVIDE COMPLETE ASSEMBLY INCLUSIVE ALL PARTS AND HARDWARE TO INSURE PROPER FUNCTIONING FIXTURE.
- ALL CONDUCTORS SHALL BE #12 AWG UNLESS NOTED OTHERWISE.
- ALL 120V RUNS LONGER THAN 60 FEET SHALL BE #10 AWG AND 277V RUNS LONGER THAN 150 FEET SHALL BE #10 AWG UNLESS NOTED OTHERWISE.
- ALL CONDUCTORS SHALL BE COPPER.
- WHERE CONDUCTOR SIZES ARE NOTED ON DRAWINGS, THAT WIRE SIZE SHALL BE THROUGH THE ENTIRE RUN UNLESS OTHERWISE NOTED.
- MOUNTED LIGHT SWITCHES 48" AFF UNLESS NOTED OTHERWISE ON ARCHITECTURAL DRAWINGS.
- ALL GANGED SWITCHES SHALL HAVE A COMMON SEAMLESS FACEPLATE. EACH MULTI-GANGED BOX SHALL BE NO MORE THAN SIX (6) SWITCHES WIDE. WHERE MORE THAN SIX (6) SWITCHES ARE SHOWN AT ONE (1) LOCATION, ADDITIONAL MULTI-GANGED BOXES SHALL BE STACKED VERTICALLY AND THE WIDTH OF THE MULTI-GANGED SHALL BE AS EVEN AS POSSIBLE.
- EACH DIMMER SWITCH SHALL HAVE A WATTING RATING 25% HIGHER THAN THE TOTAL WATTAGE OF ALL LIGHTS TO BE CONTROLLED BY THE DIMMER. DIMMER SIZES 600, 1000, 1500, AND 2000 WATTS, LUTRON NOVA T-STAR. WHERE SWITCHES ARE GANGED WITH DIMMERS, THE SWITCHES SHALL ALSO BE LUTRON NOVA T-STAR, FLUORESCENT AND LOW VOLTAGE DIMMERS SHALL BE LUTRON NOVA T-STAR.
- WHERE FLUORESCENT FIXTURES ARE SHOWN TO BE DIMMED, THE FIXTURES SHALL HAVE DIMMING TYPE BALLASTS WHICH ARE COMPATIBLE WITH THE SPECIFIED DIMMERS.
- WHERE LED FIXTURES/LAMPS ARE SHOWN TO BE DIMMED, THE DIMMER SHALL BE COMPATIBLE WITH THE FIXTURE/LAMP SPECIFIED OR PROVIDED.
- ALL EMERGENCY LIGHT FIXTURES SHALL HAVE 90 MINUTE BATTERY BACKUP WITH INTEGRAL TEST BUTTON AND SHALL BURN CONTINUOUSLY.
- ALL FLUORESCENT FIXTURES THAT UTILIZE DOUBLE-ENDED LAMPS AND CONTAIN BALLASTS SHALL BE PROVIDED WITH A DISCONNECTING MEANS IN ACCORDANCE WITH NEC 410.73G.

LEGEND

□ EMERGENCY LIGHT FIXTURE	⊞ ELECTRIC PANEL BOARD
⊞ EXIT LIGHT FIXTURE - WALL MOUNTED	⊞ CIRCUIT HOME RUN
⊞ EXIT LIGHT FIXTURE - CEILING MOUNTED	⊞ WALL MTD SPEAKER - PROVIDE RATED HOUSING FOR RATED WALLS WHERE INDICATED
⊞ CEILING FAN	⊞ CLNG MTD SPEAKER - PROVIDE RATED HOUSING FOR RATED CEILING WHERE INDICATED
⊞ CLNG MTD FLOOR STRIP FIXTURE	⊞ * EXTEND TO FIXTURE(S) NOT SHOWN - SEE NOTE
⊞ RECESSED CEILING LIGHT FIXTURE	⊞ \$ LIGHT SWITCH 120V COMMERCIAL GRADE
⊞ CLNG HUNG FLOOR STRIP FIXTURE	⊞ \$ LIGHT SWITCH - 3-WAY 120V COMMERCIAL GRADE
⊞ SURFACE MOUNTED LIGHT FIXTURE	⊞ \$ LIGHT SWITCH - DIMMER 120V COMMERCIAL GRADE
⊞ WALL MOUNTED LIGHT FIXTURE	⊞ ⊕ PROVIDED BY M.C.
⊞ CLNG MTD FLOOR FIXTURE	
⊞ OUTDOOR LIGHT ON PHOTO TIMER- MTD IN GROUND	
⊞ PENDANT LIGHT FIXTURE	
⊞ EXHAUST FAN - SEE MECH	

ELECTRICAL LOAD SUMMARY

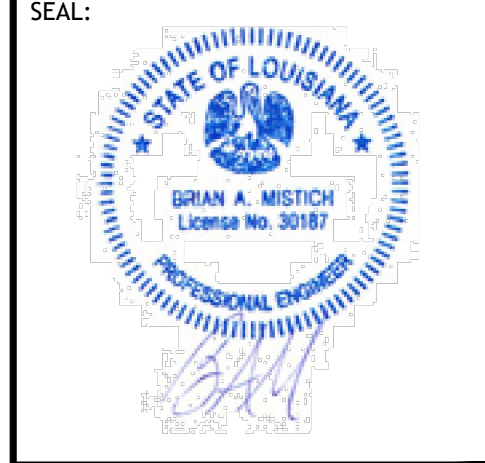
WASHINGTON/ST. TAMMANY POWER COMPANY	
PROJECT NAME:	FIRE DISTRICT #1 FIRE STATION 10
PROJECT ADDRESS:	2145 LAKESHORE VISTA BLVD
CITY/TOWN:	SLIDELL, LOUISIANA
INTENDED USER:	FIRE STATION
REQ SERV:	120 / 240 V 1Ø PHASE 3 WIRES
SERV ENTR SIZE:	400 AMPS
HVAC TONNAGE:	10.5 TONS
LARGEST MOTOR:	N/A HP
TOTAL BUILDING SQ FT:	6526 SF
INDIVIDUAL UNIT SQUARE FOOTAGE:	N/A SF (MULT OCCUPANCY)
INDIVIDUAL UNIT DESIGNATION:	N/A (MULT OCCUPANCY)
LOAD SOURCE	1Ø-K VA 3Ø-KVA 0 R 1Ø-KW 3Ø-KW
BUILDING LIGHTING	9.0 -
ELECTRIC WATER HEATING	18.0 -
HEAT PUMPS	- -
SUPPLEMENTAL HEAT SYSTEMS	- -
AIR COND CONDENSING UNITS	11.6 -
ELEC HEATING (PRIMARY) - AHU'S	27.8 -
COOKING	12.2 -
REFRIGERATION	3.9 -
RECEPTACLES (STANDARD)	20.1 -
RECEPTACLES (COMPUTER)	2.0 -
TOTAL MOTORS (EXCLUDE HVAC)	12.2 -
EXTERIOR LIGHTING	29.0 -
MISCELLANEOUS - CEILING FANS	0.2 -
OTHER (SPECIFY)	4.5 -



DAMMON ENGINEERING, INC.
LOUISIANA & MISSISSIPPI
www.dammonengineering.com
info@dammonengineering.com
PH: 985.649.5832

Chief Engineer: Brian M. Misch
554 Old Spanish Trail
Slidell, LA 70458

REVISIONS	DATE
1	5-XX-2015



**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: BAK

SHEET TITLE:
ELECTRICAL PLAN - LIGHTING AND LOAD SUMMARY

DRAWING NUMBER:
E102

SHEET No: 36 of 37

1 ELECTRICAL PLAN - LIGHTING
SCALE: 3/16" = 1'-0"

