

FILE NAME: J:\A - Government\2019 - Fire Station #10 (Drawing)\Cover - Dammon\001-Cover - Slidell.dwg, PLT: DWT, A: 3/16/25, Wednesday, December 3, 2025, 3:02:12 PM

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
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

CHAD DUFFAUT
CHIEF OF ADMINISTRATION

DAMMON

ENGINEERING, INC.

LOUISIANA & MISSISSIPPI

Chief Engineer: Brian Mistich, PE

554 Old Spanish Trail

Slidell, LA 70458

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#	DESCRIPTION	REVISIONS	DATE



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

2745 LAKESHORE VISTA BLVD
SLIDELL, LA 70461

JOB NO: 2519 | DATE: 12-03-2025 | CHECKED BY: CKD | DRAWN BY: JMS

SHEET TITLE:
COVER SHEET

DRAWING NUMBER:
6001

SHEET No: 1 of 37

SHEET LIST TABLE

1 FLOOR PLAN
 SCALE: SCALE
 DRAWING NUMBER
 DRAWING NAME
 DRAWING SCALE
 NORTH ARROW
 DRAWING NUMBER
 DRAWING NAME

2 DETAIL
 SCALE: SCALE
 DRAWING NUMBER
 DRAWING NAME
 DRAWING SCALE
 NORTH ARROW
 DRAWING NUMBER
 DRAWING NAME

PLAN
 SCALE: 1/4" = 1'-0"
 DRAWING NUMBER
 DRAWING NAME
 SHEET DRAWING REFERENCES
 SHEET DRAWING APPEARS ON
 DRAWING NUMBER
 DRAWING NAME

PLAN
 SCALE: 1/4" = 1'-0"
 DRAWING NUMBER
 DRAWING NAME
 SHEET DRAWING REFERENCES
 SHEET DRAWING APPEARS ON
 DRAWING NUMBER
 DRAWING NAME

BUILDING SECTION CALLOUT TAG
 1/AX

MALL SECTION CALLOUT TAG
 1/AX

SECTION DETAIL CALLOUT TAG
 1/AX

ELEVATION CALLOUT TAG
 1/AX

DETAIL AREA TAG
 DRAWING NUMBER

SECTION CALLOUT TAG (STRUCTURAL)
 DRAWING NUMBER
 SHEET DRAWING REFERENCES
 SHEET DRAWING APPEARS ON

DETAIL AREA TAG (STRUCTURAL)
 DRAWING NUMBER
 SHEET DRAWING REFERENCES
 SHEET DRAWING APPEARS ON

HEIGHT DESIGNATION
 FIN FL
 0'-0"

COLUMN GRID IDENTIFIER
 A

ROOM NAME TAG
 ROOM NAME
 ROOM NUMBER

DOOR DESIGNATION - REFERENCE DOOR SCHEDULE
 (101A)

WINDOW DESIGNATION - REFERENCE WINDOW SCHEDULE
 A

LOUVER DESIGNATION - REFERENCE LOUVER SCHEDULE
 A

EQUIPMENT DESIGNATION - REFERENCE EQUIPMENT SCHEDULE
 EQUIP

CEILING HEIGHT AND TYPE DESIGNATION
 CLNG HT
 CLNG TYPE

SPOT ELEVATION IDENTIFIER
 EL =

PARTITION TYPE DESIGNATION
 P1

KEYNOTE
 1

REVISION TAG AND CLOUD
 1

MATERIAL DESIGNATIONS

CONCRETE
BRICK MASONRY
CONC MASONRY UNITS
FINISH WOOD
END-GRAIN CONSTRUCTION LUMBER (FRAMING)
SHIM OR WOOD BLOCKING
PLYWOOD
GYPSUM BOARD, PLASTER, GROUT

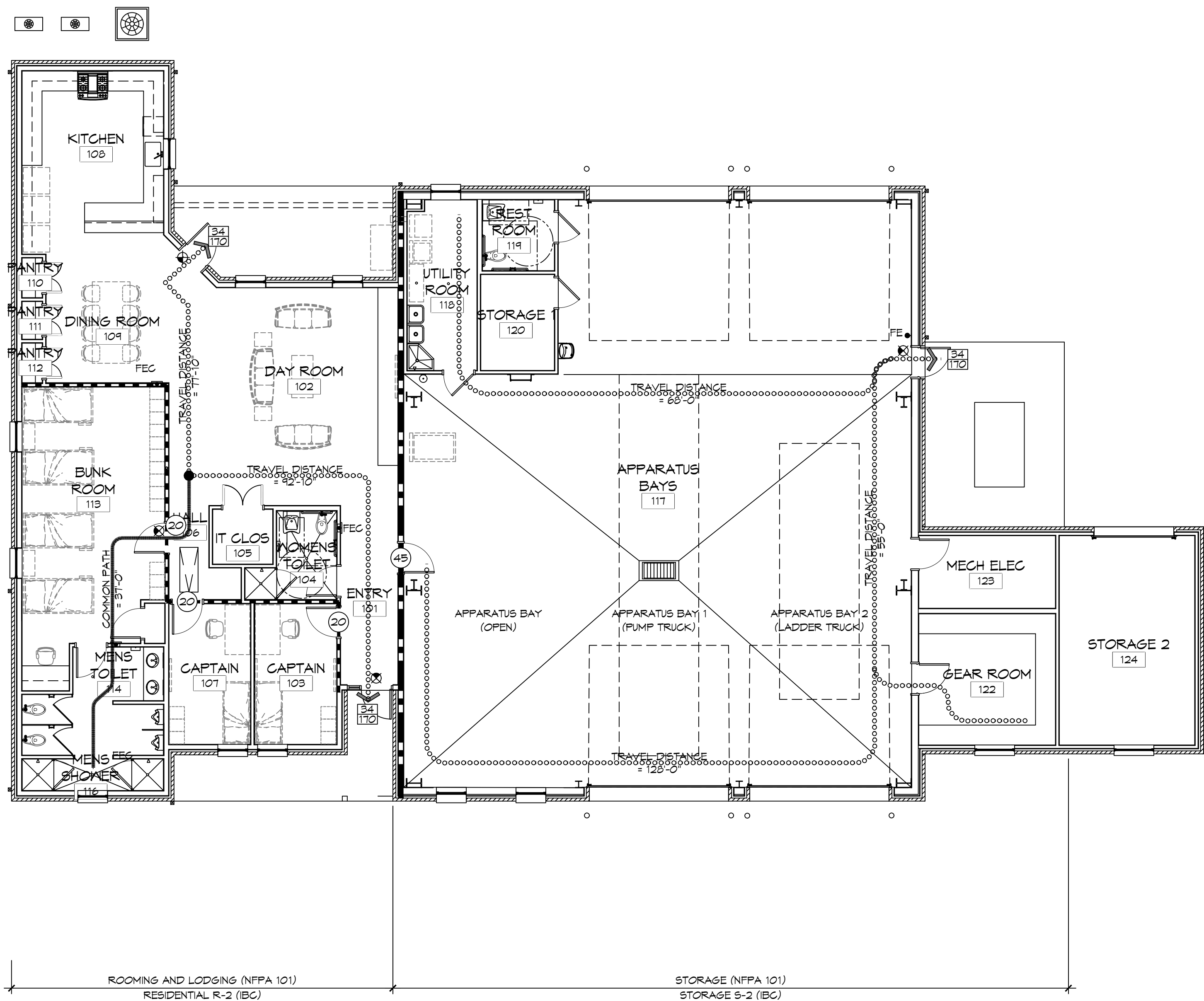
MIRROR IN ELEVATION
METAL
RIGID INSULATION
BATT INSULATION
TERRAZZO
COMPACT FILL
MARBLE
GRASS OR SOD

CONCRETE (SECTION)
ALUMINUM

PROJECT LOCATION MAP

SHEET NUMBER	SHEET TITLE
GENERAL	
G001	COVER SHEET
G002	GENERAL INFORMATION SHEET
G003	ACCESSIBILITY INFORMATION
LIFE-SAFETY AND CODE	
LS101	LIFE-SAFETY AND BUILDING CODE INFORMATION
CIVIL	
C101	SITE PLAN
C102	DETAIL SITE GRADING AND PAVING PLAN, PAVING DETAILS
C103	SITE PLAN - SITE UTILITIES AND DETAILS
C104	SITE PLAN - DRAINAGE AND DETAILS
C105	SITE PLAN - EROSION CONTROL AND DETAILS
C106	PRE AND POST DEVELOPMENT
STRUCTURAL	
SGA1	PLING GENERAL ARRANGMENT
S101	FOUNDATION PLAN, DETAILS AND NOTES
S102	CEILING FRAMING PLAN & DETAILS
S103	ROOF FRAMING PLAN AND DETAILS
S501	FOUNDATION DETAILS
S502	STRUCTURAL DETAILS
S601	TYPICAL CONNECTION DETAILS, SCHEDULES, AND NOTES
ARCHITECTURAL	
A101	ARCHITECTURAL FLOOR PLAN, DETAIL FLOOR PLANS, AND SCHEDULES
A102	REFLECTED CEILING PLAN AND ROOF PLAN, ROOF DETAILS
A201	EXTERIOR ELEVATIONS
A301	BUILDING SECTIONS
A302	BUILDING SECTIONS
A310	WALL SECTIONS AND DETAILS
A311	WALL SECTIONS AND DETAILS
A401	INTERIOR ELEVATIONS
A402	INTERIOR ELEVATIONS AND CASEWORK DETAILS
A501	PARTITION TYPES, MISCELLANEOUS DETAILS
A502	DOOR DETAILS
A503	DOOR AND WINDOW SCHEDULES, DOOR, WINDOW TYPES, & WINDOW DETAILS
PLUMBING	
PF101	PLUMBING PLAN - SEWER AND WASTE, AND MISC PLUMBING DETAILS
PF102	PLUMBING PLAN - WATER AND GAS
PF103	PLUMBING AND GAS RISER DIAGRAMS
MECHANICAL	
M101	HVAC FLOOR PLAN, DETAILS, AND SCHEDULES
M102	HVAC DETAILS AND SCHEDULES
ELECTRICAL	
E101	ELECTRICAL PLAN - POWER AND ELECTRICAL NOTES
E102	ELECTRICAL PLAN - LIGHTING AND LOAD SUMMARY
E103	ELECTRICAL CIRCUIT PANELS AND ONE-LINE DIAGRAMS

[illegible]



1 LIFE-SAFETY PLAN

LIFE-SAFETY INFORMATION

APPLICABLE CODES

NFPA 101 LIFE-SAFETY CODE 2015

OCCUPANCY TYPE(S) AND CHAPTER(S)

ROOMING OR LODGING (CHAPTER 26)

BUSINESS (CHAPTER 33)

STORAGE (ORDINARY HAZARD) (CHAPTER 42)

MULTIPLE, MIXED, OR SEPARATE OCCUPANCY (REFERENCE CHAPTER 6)

CLASSIFICATION OF HAZARD OF CONTENTS

(REFERENCE: OCCUPANCY CHAPTER AND 6.2.2. 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)

N/A

OCCUPANCY

OCCUPANCY LOAD CALCULATIONS (REFERENCE: TABLE 7.3.1.2)

OCC/FUNCTION OF SPACE	FLOOR AREA PER OCC (SF)	ACTUAL SF	OCCUPANT LOAD
	X		
ROOMING & LODGING	200	2,624 SF	14
STORAGE (S-2)	300	3,402 SF	9
TOTAL		6,526 SF	23

INCIDENTAL USE AREAS AND REQUIRED SEPARATION

ROOM OR AREA SEPARATION

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 = 39'-10"

MAXIMUM DEAD-END CORRIDORS (REFERENCE: OCCUPANCY CHAPTER AND TABLE A.7.6)

ROOMING & LODGING	NR
STORAGE	100'

MAXIMUM COMMON PATH OF TRAVEL DISTANCE (REFERENCE: OCCUPANCY CHAPTER AND TABLE A.7.6)

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

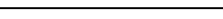
EXTERIOR BEARING WALLS	(REFERENCE TABLE A.8.2.1.2)	0 HOURS
INTERIOR BEARING WALLS	(REFERENCE TABLE A.8.2.1.2)	0 HOURS
COLUMNS	(REFERENCE TABLE A.8.2.1.2)	0 HOURS
BEAMS, GIRDERS, TRUSSES, AND ARCHES	(REFERENCE TABLE A.8.2.1.2)	0 HOURS
FLOOR-CEILING ASSEMBLIES	(REFERENCE TABLE A.8.2.1.2)	0 HOURS
ROOF-CEILING 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	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)

LIFE-SAFETY LEGEND

SYMBOL	DESCRIPTION
	EXITS
	DOOR FIRE RATING (MINUTES)
	DOOR WIDTH/EGRESS CAPACITY
	EXIT LIGHT
	FIRE EXTINGUISHER AND CABINET - SEMI-RECESSED
	FIRE EXTINGUISHER W/ 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			
IBC 2021			
OCCUPANCY TYPE OF GROUP(S)		(IBC 2021 CHAPTER 19)	
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 508			
INCIDENTAL ACCESSORY OCCUPANCIES (HR) (TABLE 508.2.5)			
ROOM OR AREA		SEPARATION	
N/A		N/A	
REQUIRED SEPARATION OR OCCUPANCIES (HR) (TABLE 508.4)			
N/A			
FIRE RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS			
CHAPTER 6, TABLE 601			
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 RATING FOR EXT WALLS BASED ON FIRE-SEPARATION DISTANCE (TABLE 602)		0 HOURS	
MAXIMUM AREA OF EXTERIOR WALL OPENINGS			
TABLE 705.8			
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 RATING (SECTION 708.4)		NO PER 708.2.1.1	
EXIT ENCLOSURE - NOTE REQUIRED RATING (SECTION 1022.1)		1 HOUR	
EXIT PASSAGEWAY - NOTE REQUIRED RATING (SECTION 1023.3)		1 HOUR	
HORIZONTAL EXIT - NOTE REQUIRED RATING (SECTION 1025.1)		2 HOURS	
ATRIUMS - NOTE REQUIRED RATING (SECTION 404.6)		N/A	
SEPARATION FROM STAGE (SECTION 410.5)		N/A	
OCCUPANT LOADS			
IBC 2009, SECTION 1004, TABLE 1004.1.1)			
OCCUPANT/FUNCTION SPACE		FOOR AREA/OCCUPANT (SF)	OCCUPANT LOAD
R-2		2,634 SF / 200 SF PER OCCUPANT	13 OCCUPANTS
S-2		3,902 SF / 200 SF PER OCCUPANT	20 OCCUPANTS
		TOTAL	34
EXIT REQUIREMENTS			
(IBC 2012 SECTION 1009)			
NUMBER OF ACCESSIBLE MEANS OF EGRESS REQUIRED PER FLOOR (TABLE 1015.1 & 1021.1)			
FLOOR		# MEANS OF EGRESS REQUIRED	
R-2		2	
S-2		1	
TOTAL WIDTH OF EXITS			
(OCCUPANT LOAD/# OF MEANS OF EGRESS) X (FACTOR IN SECTION 1005)			
OCCUPANT LOAD	# OF EXITS PROVIDED	MULTIPLIER (SECTION 1005.1)	MINIMUM EXIT WIDTH (INCHES)
13	2	0.2	5.2
20	1	0.2	3,902/20
MAXIMUM EXIT ACCESS TRAVEL DISTANCE		(TABLE 1016.1)	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			

DAMMON
ENGINEERING, INC.
LOUISIANA & MISSISSIPPI

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SEAL:



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

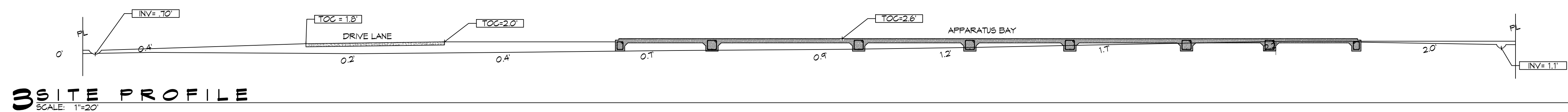
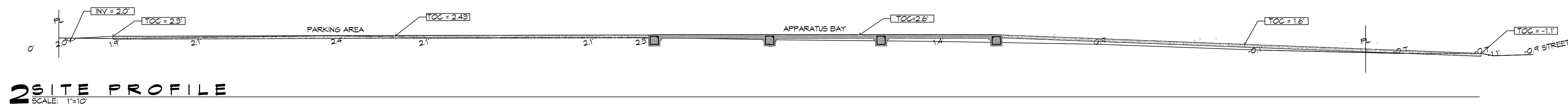
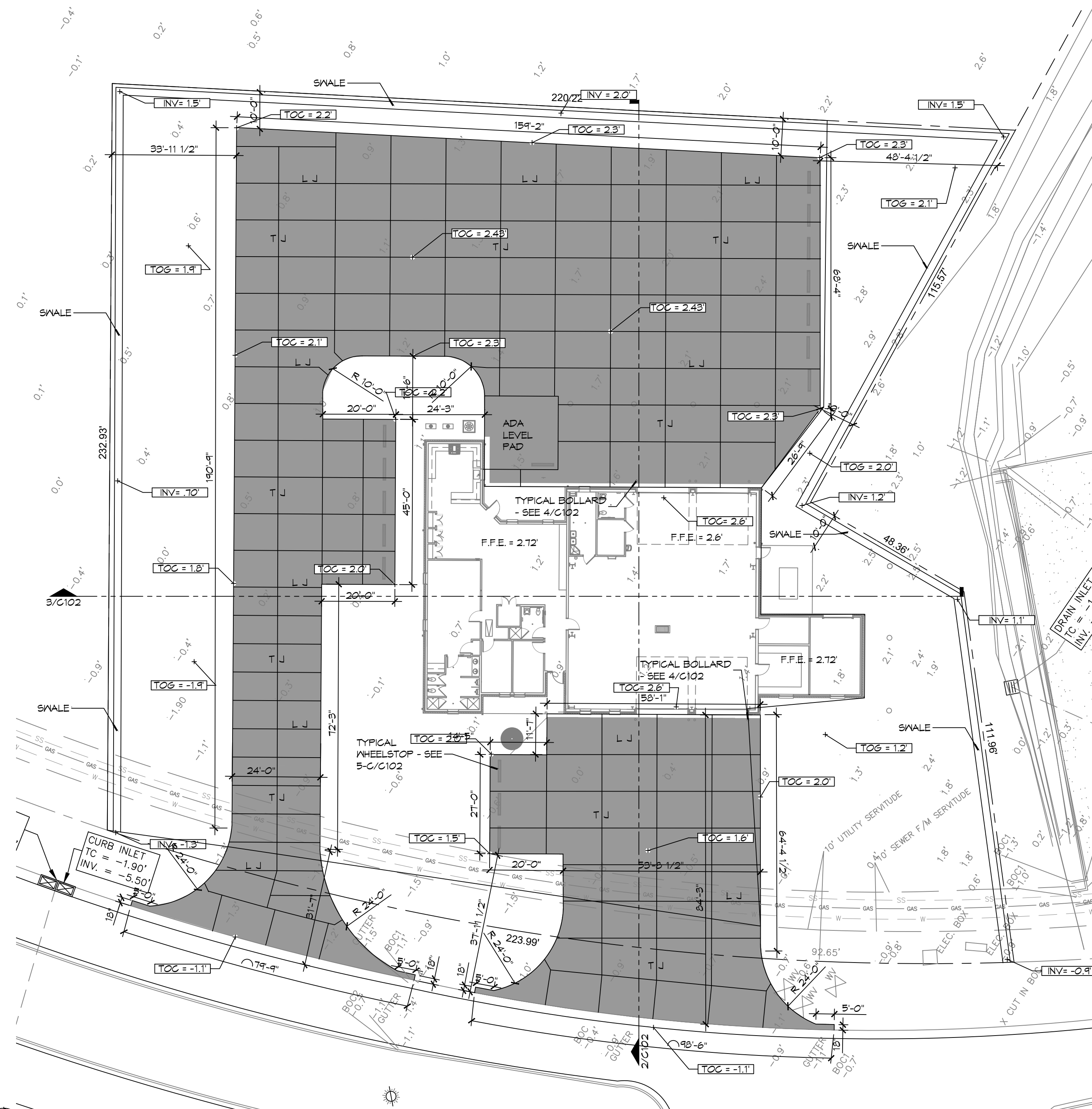
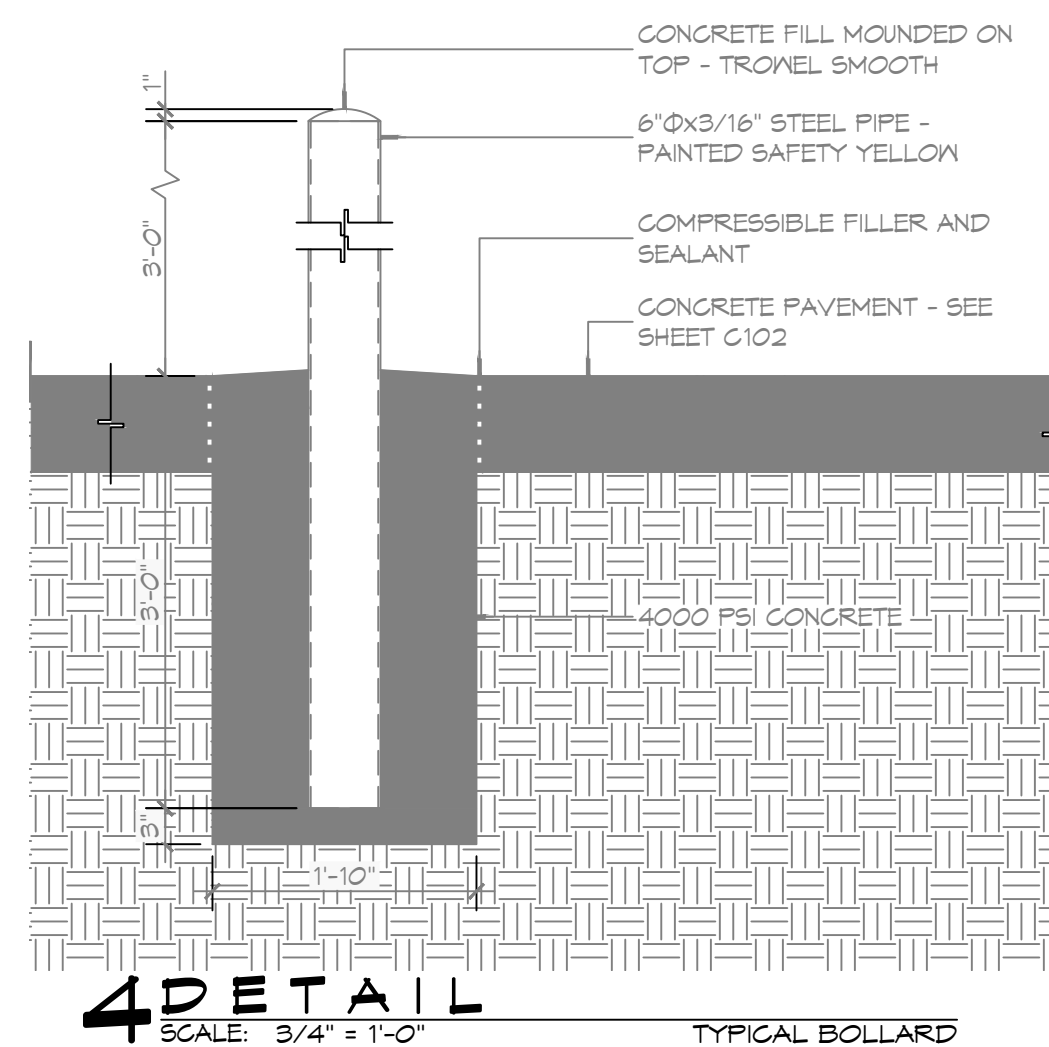
SHEET TITLE:
LIFE-SAFETY AND BUILDING
CODE INFORMATION

DRAWING NUMBER:

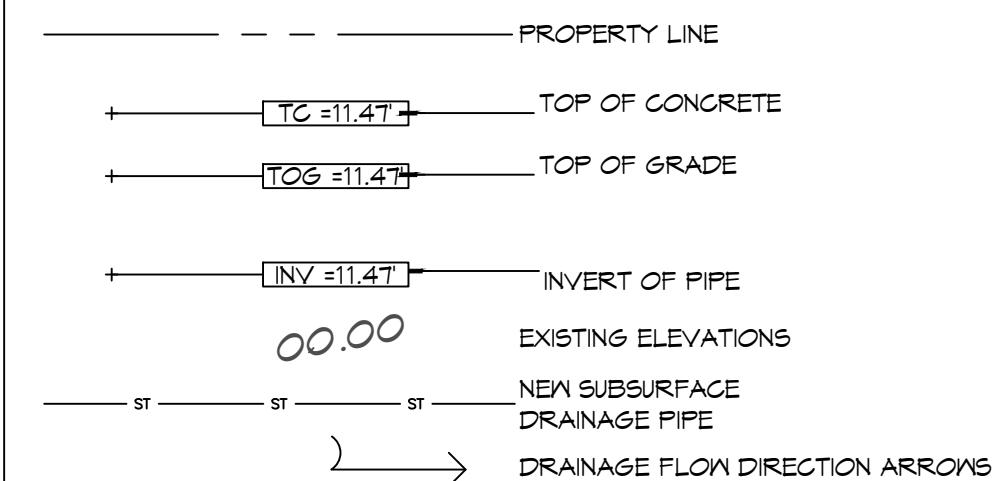
LS101

SHEET No: 4 of 37

SHEET No: 5 of 37



SITE DRAINAGE LEGEND

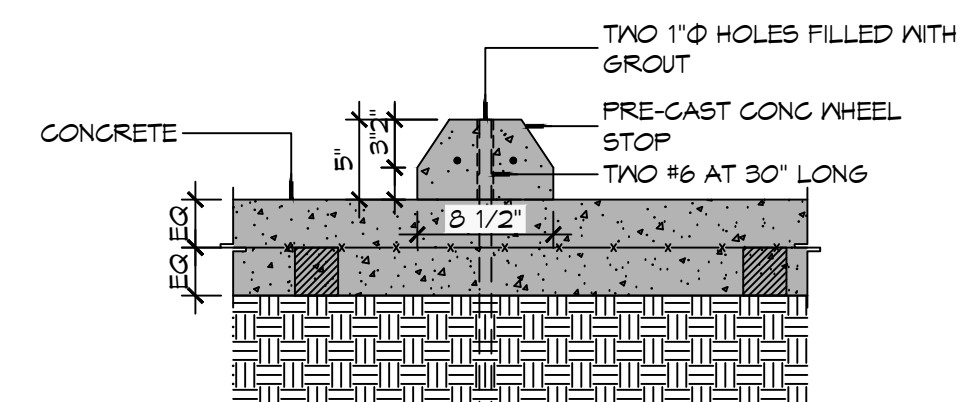


AREA OF FILL (CUBIC YARDS)

2.836 CUBIC YARDS

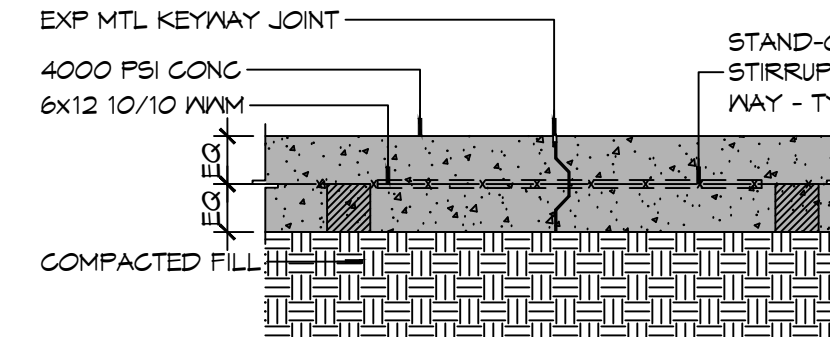
GENERAL PAYING NOTES

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

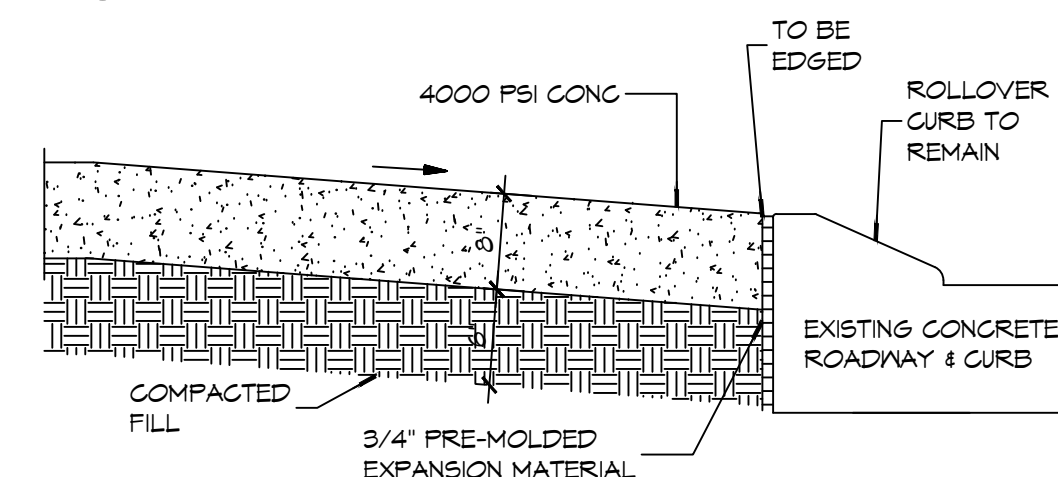


(C) TYPICAL WHEEL STOP

6" MTL KEYWAY JOINT SYSTEM NOTE:
 LONGITUDINAL JOINTS (LJ): No.5 DEFORMED
 DOWEL ROD 24" L @ 24" O.C.
 TRANSVERSE JOINTS (TJ): No.5 SMOOTH
 DOWEL ROD 24" L @ 24" O.C.
 EXP MTL KEYWAY JOINT _____



TYPICAL PAVEMENT JOINT

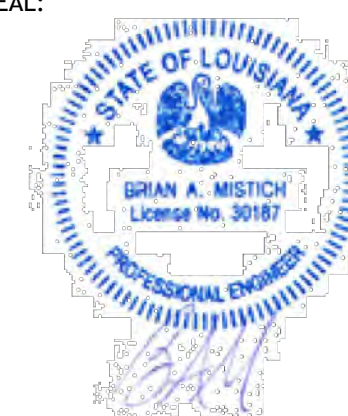


NOTE:
APRON SHALL BE MINIMUM 8" THICK
CONCRETE OVER 6" COMPACTED SAND BASE. CONCRETE
SHALL BE 4000 PSI.

(A) EXISTING PAYING TO NEW PAYING

5 PAVING DETAIL

SCALE: N.T.S

[illegible]

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

2745 LAKESHORE VISTA BLVD

SLIDELL, LA 70461	DATE
JOB No:	DATE

DRAWN BY:	CKD	CHECKED:
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SHEET TITLE:
DETAIL SITE GRADING AND
PAVING PLAN, PAVING
DETAILS

DRAWING NUMBER:

C102

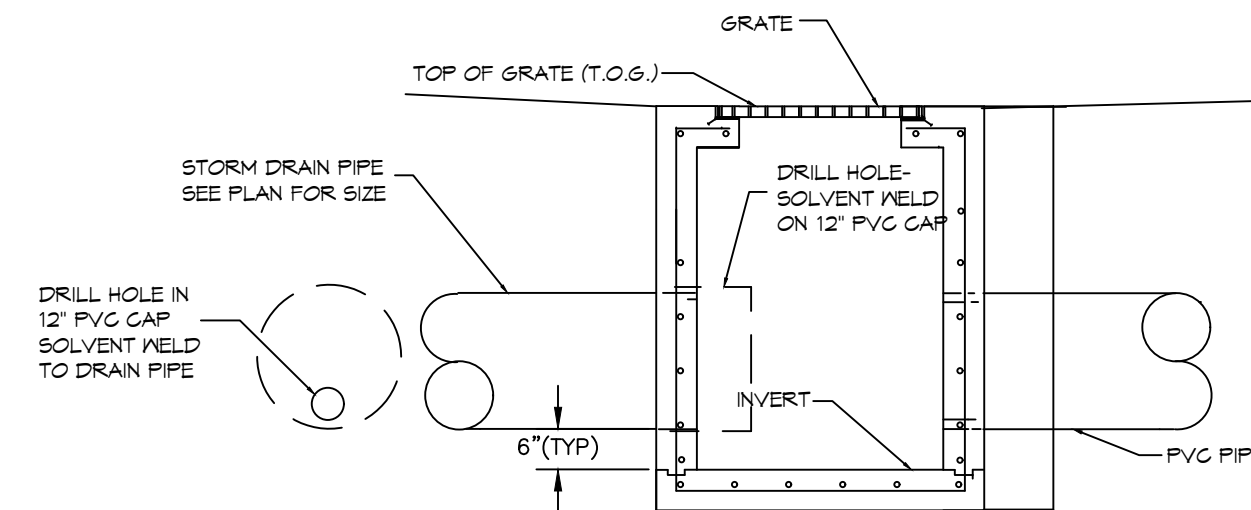
SHEET No:

6 of 37



SHEET No: 7 of 37



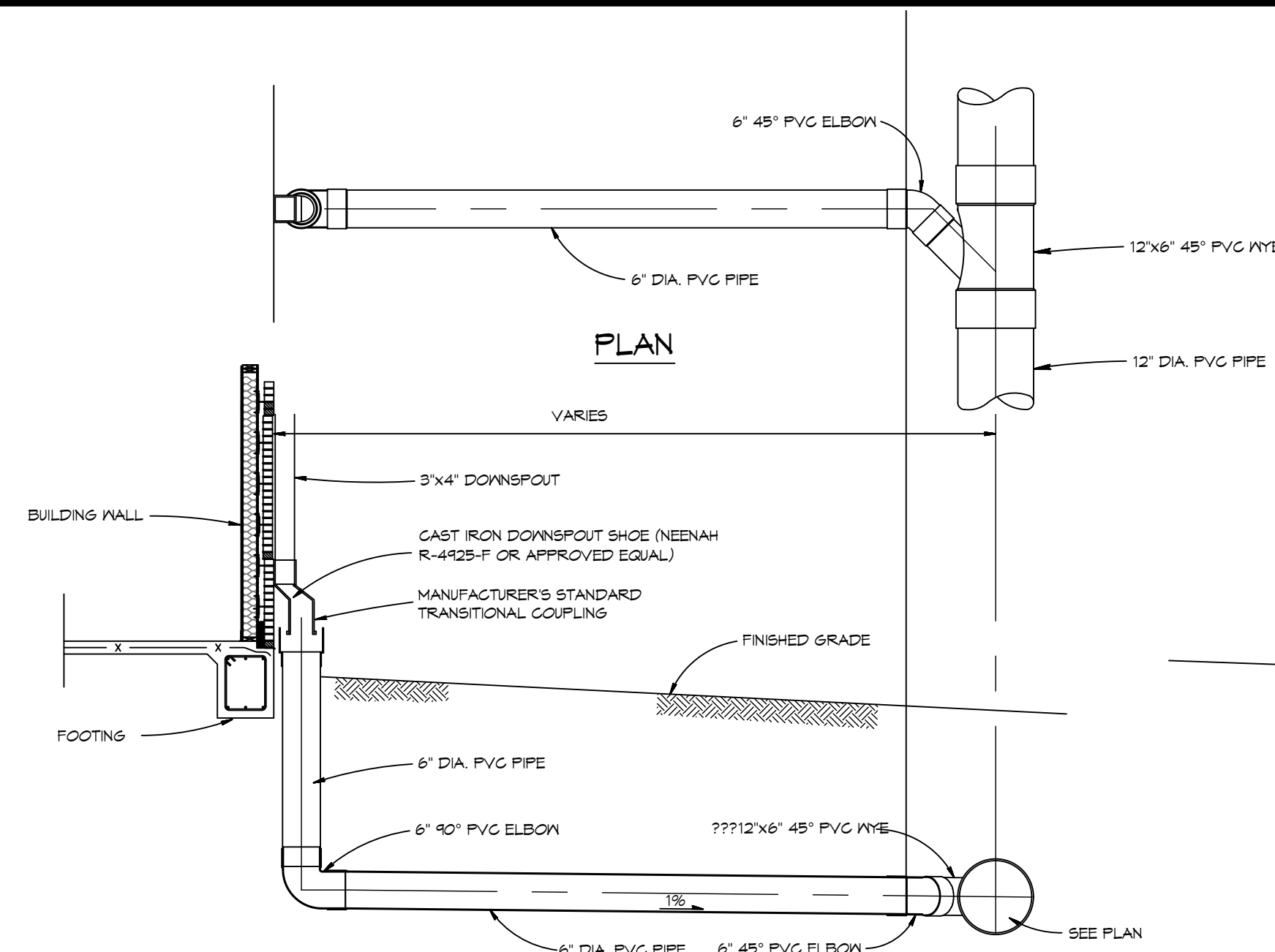


NOTE: SEE PLUMBING FIXTURE SCHEDULE DRAWING P103 FOR MODEL NUMBER OF CATCH BASIN

7 DETAIL
SCALE: N.T.S.

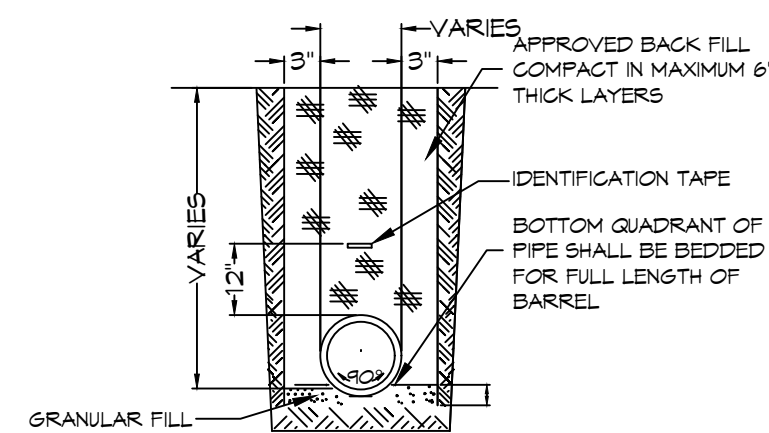
SCALE: N.T.S.

TYPICAL CATCH BASIN



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

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



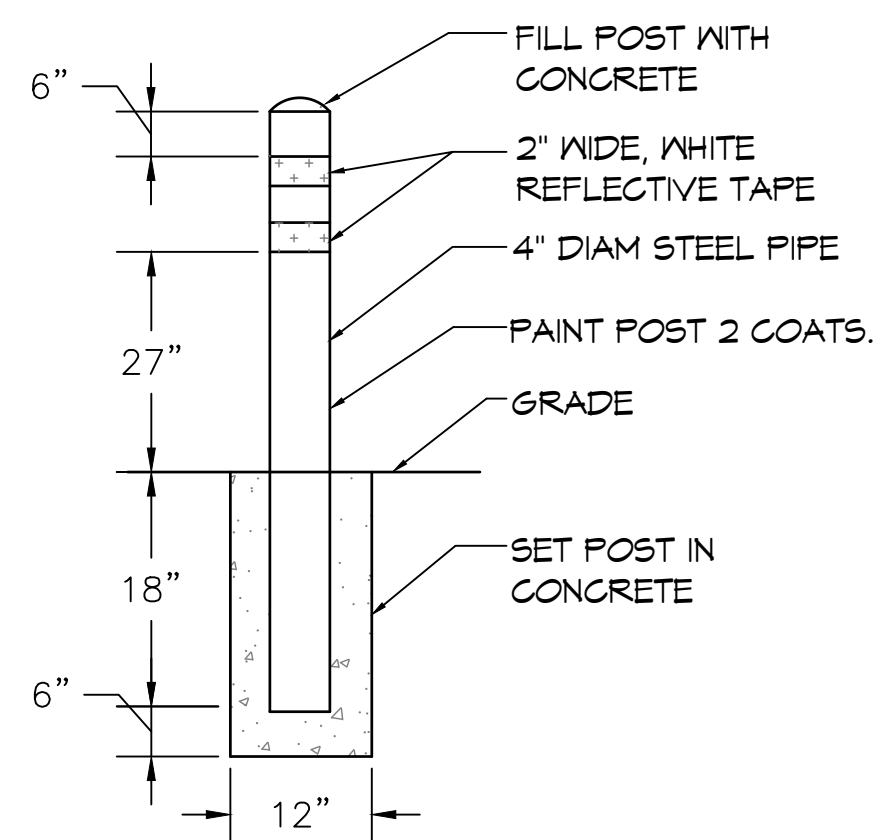
NOTES:

- 1) DRAIN PIPE & FITTINGS SHALL BE POLYVINYL CHLORIDE PLASTIC PIPE, MEETING CLASS 100 C-900 PVC.
- 2) ELEVATIONS SHOWN ARE M.S.L.

4 DETAIL
SCALE: N.T.S.

SCALE: N.T.S.

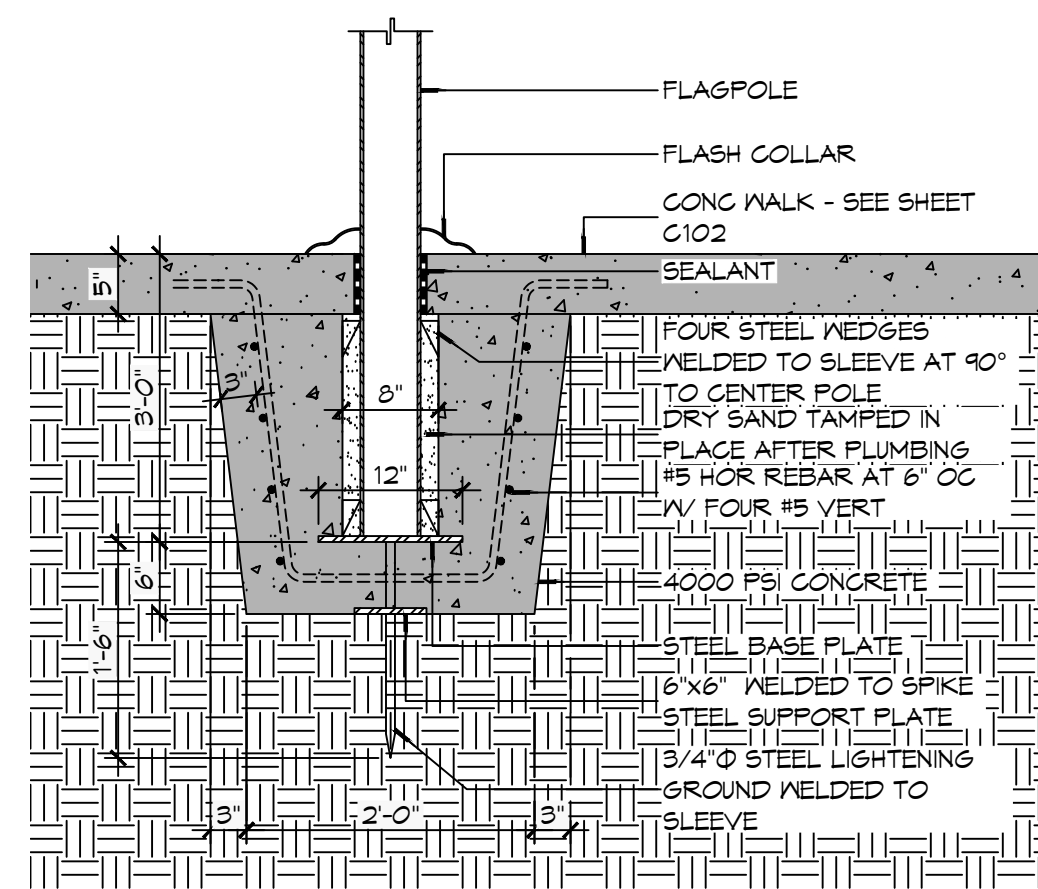
TYPICAL DRAIN PIPE



3 DETAIL

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

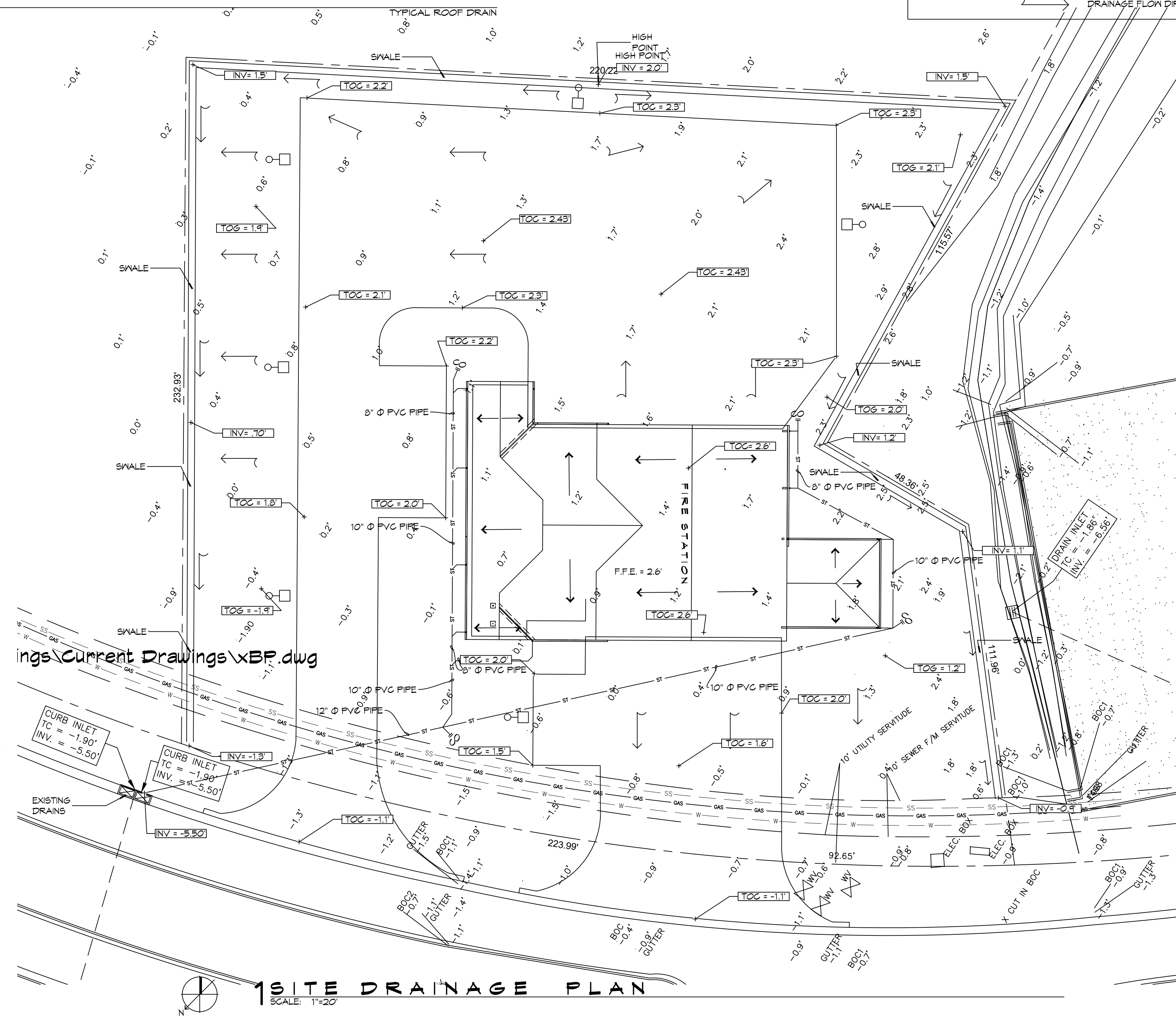
TYP BOLLARD DETAIL



2 DETAIL

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

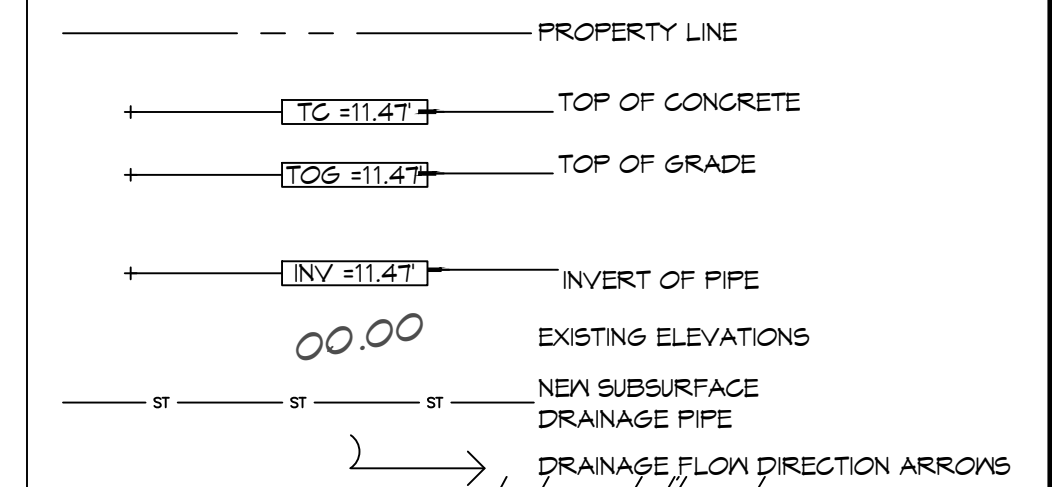
FLAGPOLE FOUNDATION



GENERAL SITE DRAINAGE NOTES

1. DRAIN PIPES (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.
2. REMOVE DEBRIS AND CLEAN BOTTOM OF DITCHES DOWN 6" IN DEPTH - REPLACE ANY BROKEN/CRUSHED PIPES OR CULVERTS WITH SAME SIZE AND TYPE.
3. DRAIN PIPE AND FITTINGS WITHIN PROPERTY LINE SHALL BE POLYVINYL CHLORIDE PLASTIC PIPE, MEETING CLASS 100 C-400 P.V.C.
4. ELEVATIONS SHOWN ARE M.S.L.
5. FIELD VERIFY ALL ELEVATIONS AND DRAINAGE SYSTEM PLACEMENT PRIOR TO START OF WORK.
6. PROVIDE VERTICAL ELBOW AT DOWNSPOUTS FOR CONNECTION TO SUBSURFACE DRAINAGE WHERE INDICATED. ELBOW ID SHALL BE SIZED SUCH THAT THE DOWNSPOUT CAN BE INSERTED INTO THE PIPE OPENING.

SITE DRAINAGE LEGEND

[illegible]

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

2745 LAKESHORE VISTA BLVD
SLIDELL, LA 70461

JOB No:	2519	DATE:	12-03-2025
DRAWN BY:	CKD	CHECKED BY:	BAM

SHEET TITLE:
SITE PLAN - DRAINAGE
AND DETAILS

DRAWING NUMBER:

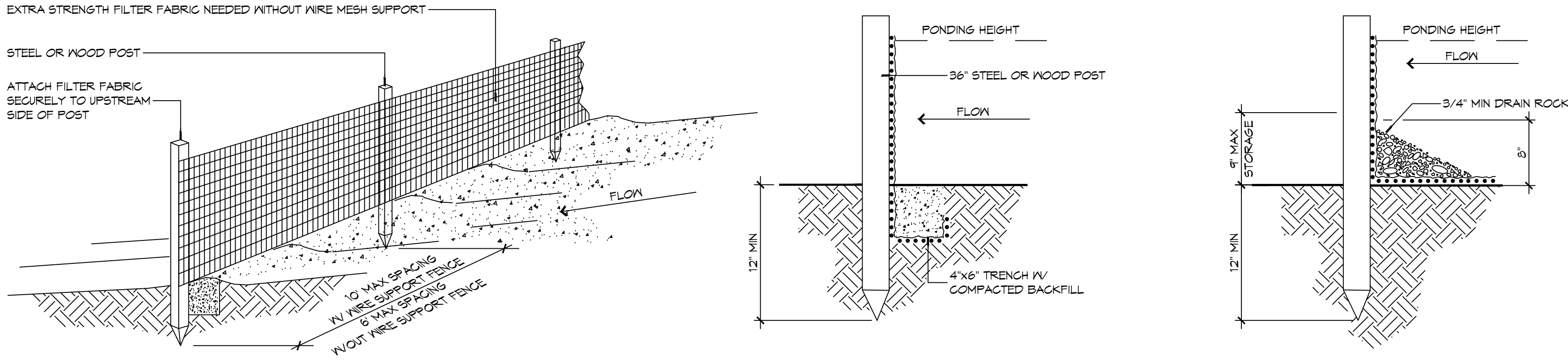
C104

SHEET No: 8 of 37

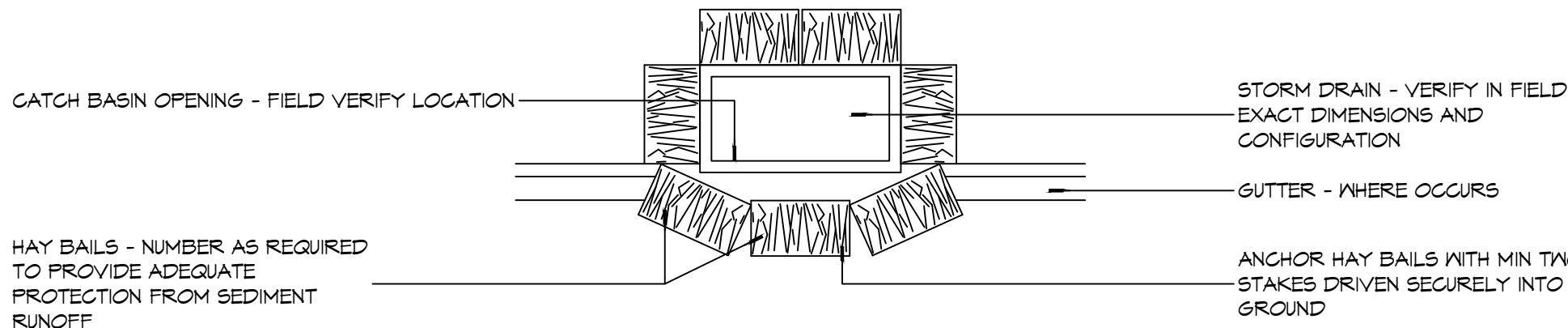
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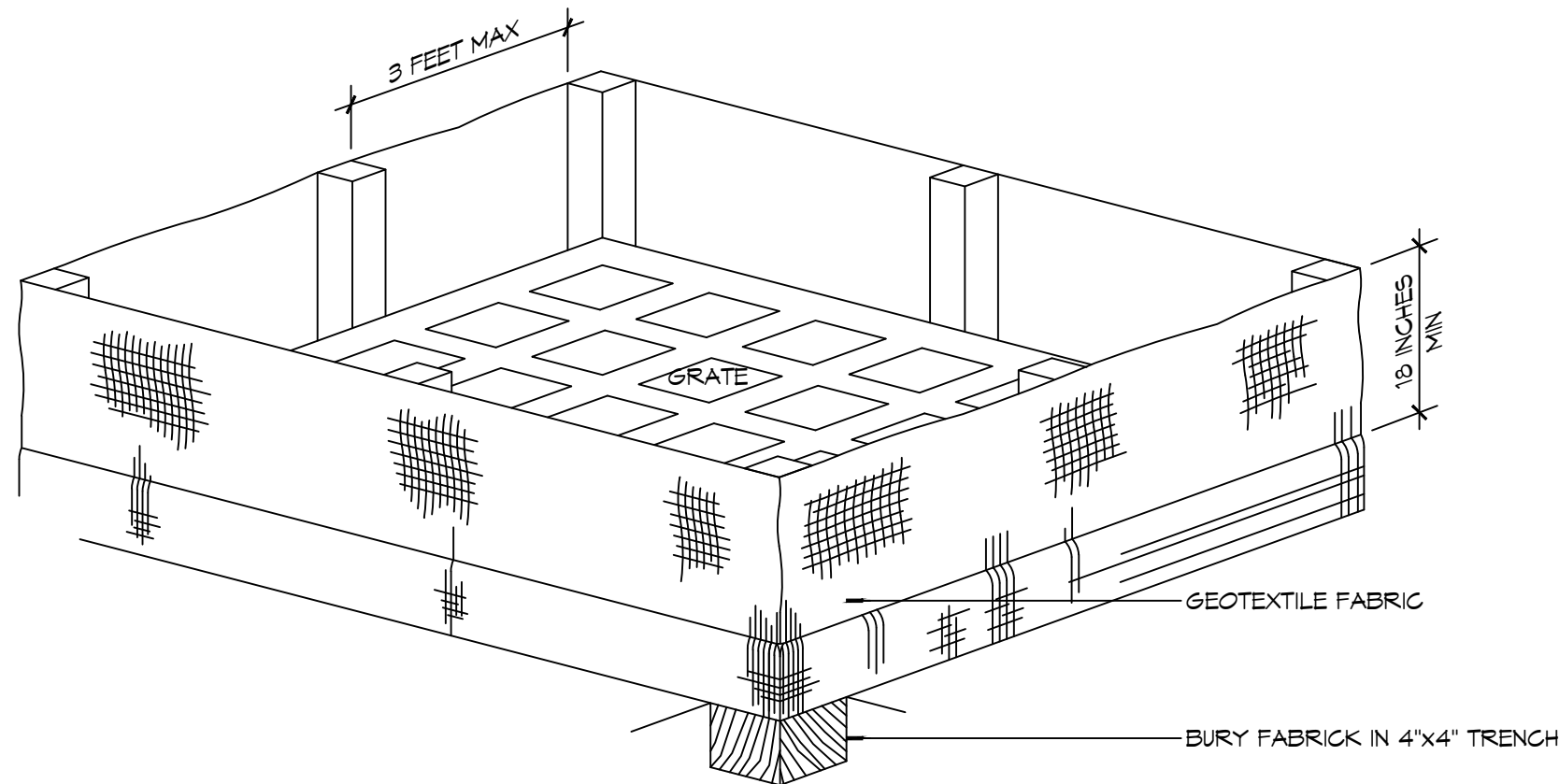
4 DETAILS
SCALE: NTS
EROSION CONTROL FENCE AT PROPERTY LINE OR LIMITS OF CONSTRUCTION



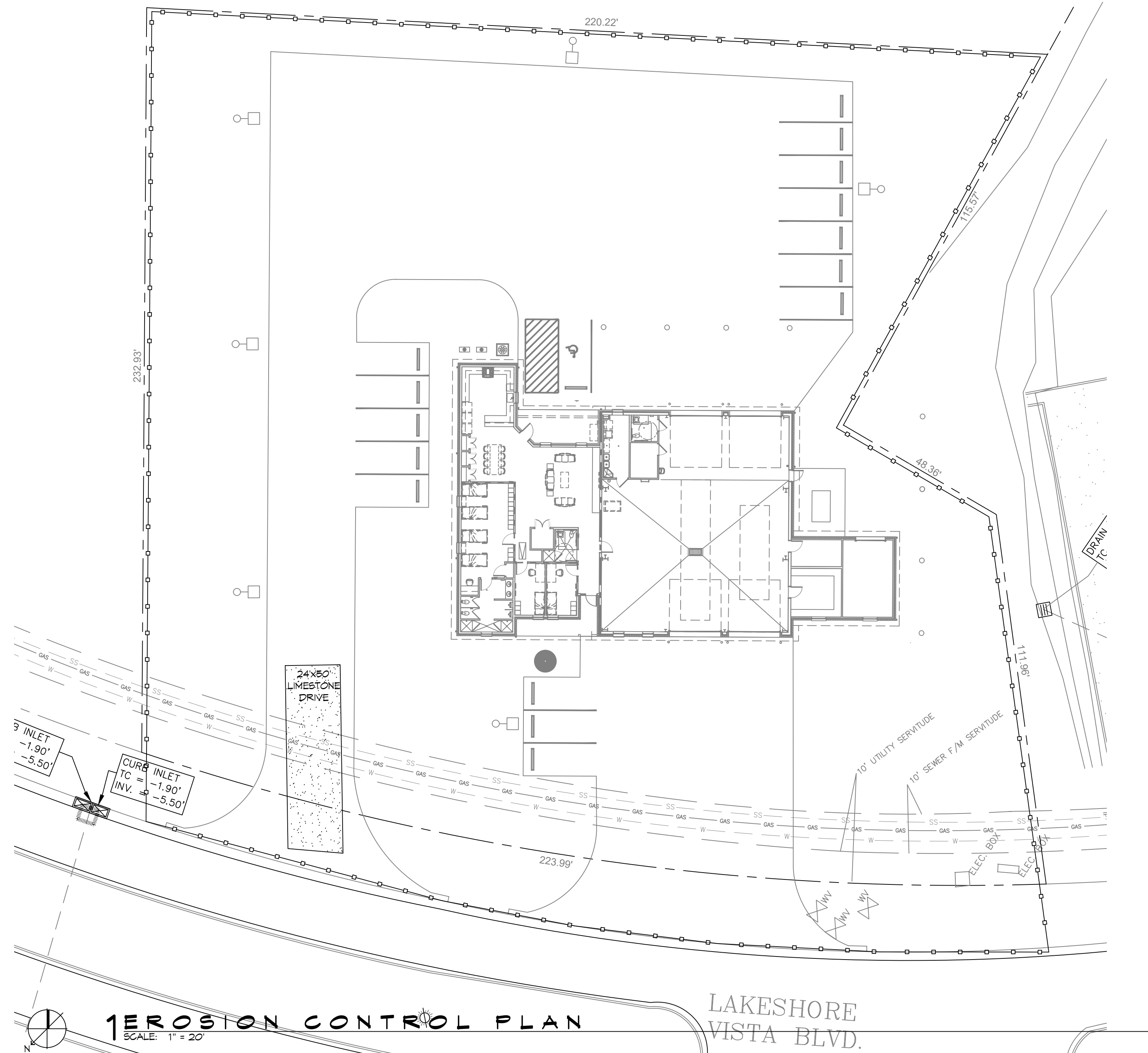
3 DETAIL
SCALE: NTS
CATCH BASIN PROTECTION

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
EROSION CONTROL FENCE AT GRATE



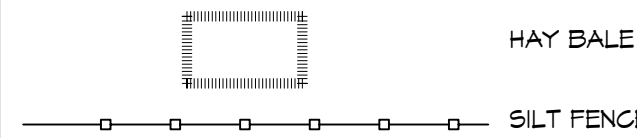
GENERAL EROSION CONTROL NOTES

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.

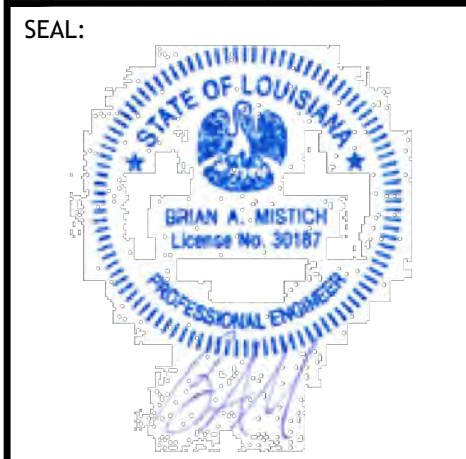
EROSION CONTROL LEGEND



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#	DESCRIPTION	DATE

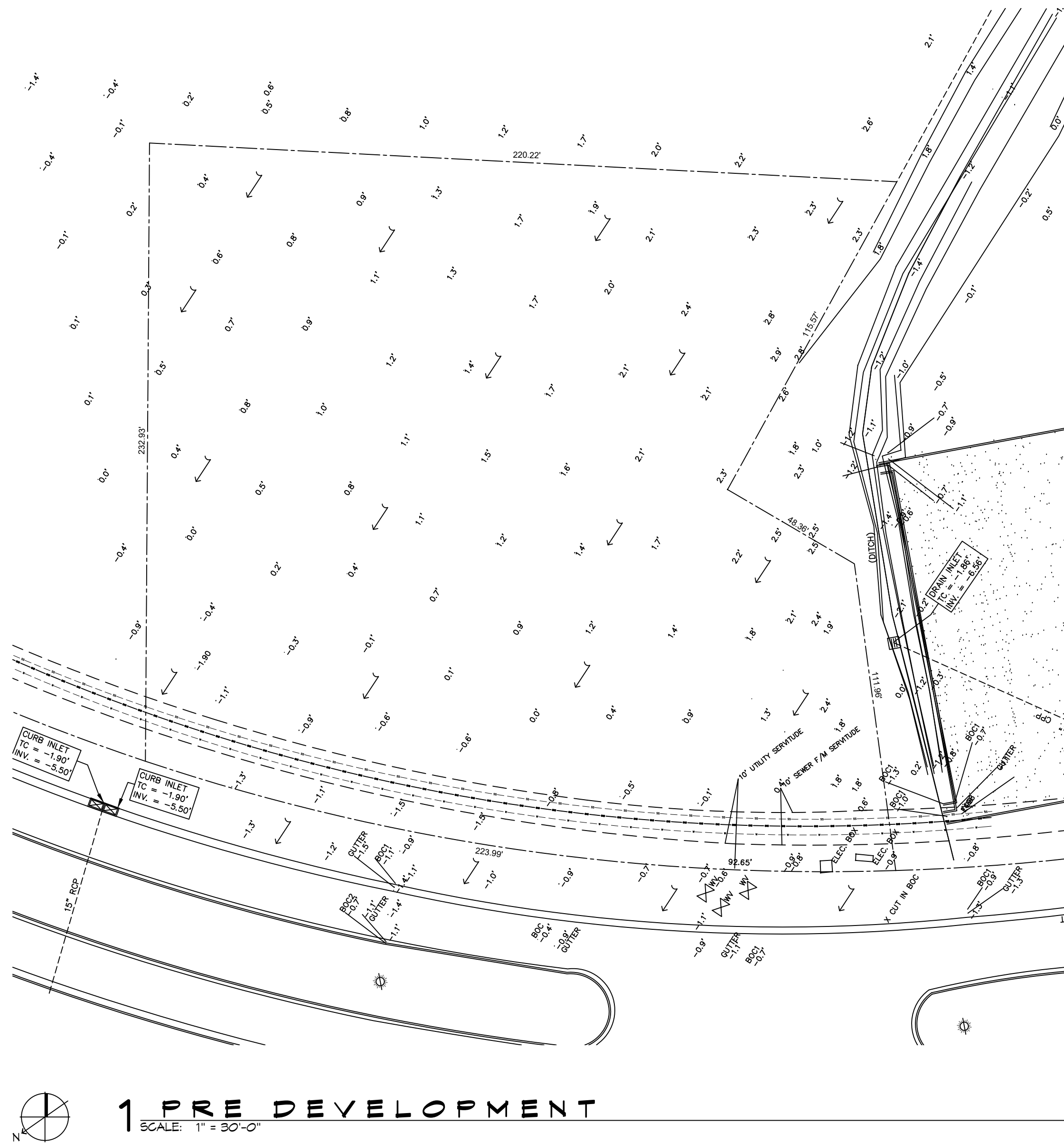


NEW FIRE STATION #10
ST. TAMMANY FIRE PROTECTION
DISTRICT NO. 1

SHEET TITLE:
SITE PLAN - EROSION
CONTROL AND DETAILS

DRAWING NUMBER:

C105



PRE HARD & GREEN SPACE

EXISTING AREA - 1.159 ACRES = 50,491 SQ. FT.

GREEN AREA = 50,491 SQ. FT.

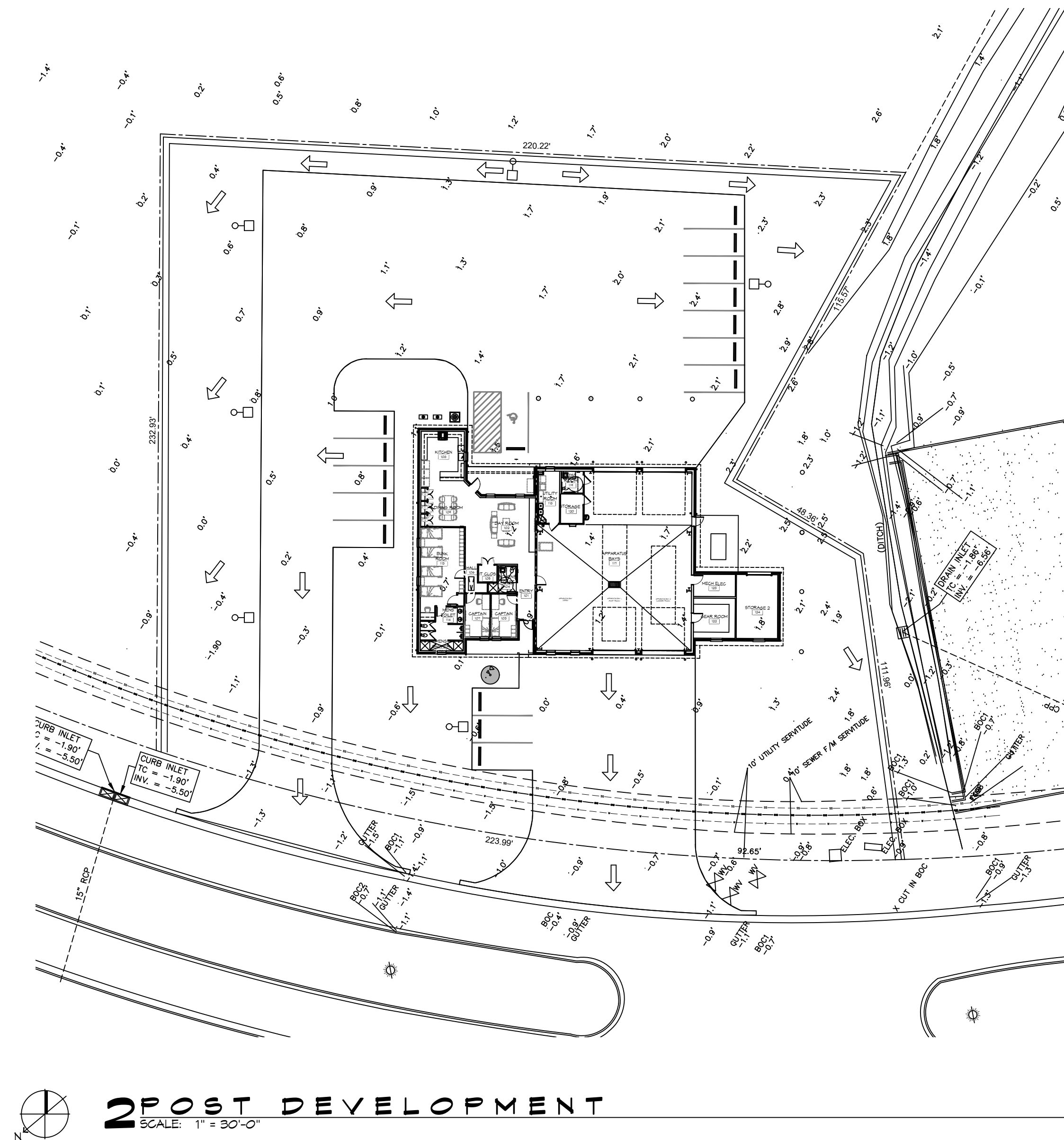
NO ADVERSE IMPACT TO ADJACENT PROPERTIES

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



POST HARD & GREEN SPACE

EXISTING AREA = 1.159 ACRES = 50,491 SQ. FT.
BUILDING AREA = 6,526 SQ. FT.
CONCRETE PAVING AREA = 22,885 SQ. FT.
GREEN AREA = 21,080 SQ. FT.

[illegible]

SEAL:



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

2745 LAKESHORE VISTA BLVD
SLIDELL, LA 70461

JOB No:	2519	DATE:	12-03-2025
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DRAWN BY:	CKD	CHECKED BY:
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SHEET TITLE:
PRE AND POST
DEVELOPMENT

DRAWING NUMBER:

C106

SHEET No: 10 of 37

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1. THE CONCRETE FINISHER SHALL ENSURE THAT THE AREAS TO RECEIVE A POLISHED CONCRETE FINISH SHALL MEET THE FLOOR FLATNESS/LEVELNESS CRITERIA IN ACCORDANCE WITH SPECIFICATIONS.
2. ALL DIMENSIONS ARE EDGE OF CONCRETE (EOC) TO EDGE OF CONCRETE (EOC) UNLESS NOTED OTHERWISE.
3. VERIFY ALL PLUMBING ROUGH-IN LOCATIONS ON SHEET F101 & ELECTRICAL ROUGH-IN LOCATIONS ON SHEET E101.
4. CONCRETE MIX SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI AT 28 DAYS. CONCRETE MIX SHALL BE IN ACCORDANCE WITH ACI-318.
5. ALL CONVENTIONAL REINFORCING STEEL SHALL MEET ASTM-A615 (GRADE 60).
6. ONE LAYER OF POLYETHYLENE VAPOR BARRIER SHALL BE PLACED UNDER ALL CONCRETE. VAPOR RETARDER TO BE MINIMUM 15 MIL THICKNESS, ASTM E 1745 CLASS A, RESISTANCE LESS THAN 0.01 PERMS, EQUAL TO STEGO INDUSTRIES STEGO WRAP, ECOSHIELD-15 MIL BY EPPO, OR IRONBAR 15 BY FLATIRON FILMS, PROVIDE APPROPRIATE ACCESSORIES FOR A COMPLETE SYSTEM.
7. ALL REINFORCING STEEL AND MESH SHALL BE SECURELY SUPPORTED TO PREVENT BOTH VERTICAL AND HORIZONTAL MOVEMENT DURING CONCRETE PLACEMENT.
8. THE CONTRACTOR SHALL VERIFY ALL DROPS, OFFSETS, BRICK LEDGES DIMENSIONS AND CONFIGURATIONS. CONTRACTOR MUST BE RESPONSIBLE FOR SAME.
9. GRADE BEAM DIMENSIONS MAY VARY BY -.5%, +20%.
10. NEW SPREAD CONCRETE FOOTINGS AND CONTINUOUS FOOTINGS, BEARING ON COMPACTED STRUCTURAL FILL AT LEAST 2 FEET BELOW FINISHED GRADE, SHALL BE DESIGNED TO RESIST MINIMUM NET ALLOWABLE BEARING PRESSURES OF 1200 PSF AND 2000 PSF, RESPECTIVELY, BASED ON DEAD LOADS AND DESIGN LIVE LOADS.
11. ALL SOIL BELOW SLAB SHALL RECEIVE TERMITES TREATMENT IN ACCORDANCE WITH SPECIFICATIONS.

1. THE GC SHALL EMPLOY A GEOTECHNICAL ENGINEER TO MONITOR SITE CONDITIONS DURING THE PREP WORK OF THE SITE FOUNDATION. REMOVE EXISTING NERF SURFACE TOPSOIL WITH ORGANICS AND OTHER DELETERIOUS MATERIALS, APPROXIMATELY 6 TO 10 INCHES HOWEVER THE ACTUAL STRIPPING DEPTH SHALL BE DETERMINED BY A GEOTECHNICAL ENGINEER. THE EXPOSED SUBGRADE IN THE BUILDING AND PARKING AREAS SHALL BE PROOF-ROLLED WITH A RUBBER Tired VEHICLE WEIGHING ABOUT 20 TONS; PROOF-ROLLING SHALL BE MONITORED BY A GEOTECHNICAL ENGINEER. ANY SOILS WHICH ARE OBSERVED TO RUT OR DEFLECT EXCESSIVELY UNDER THE MOVING LOAD SHOULD BE UNDERCUT AND REPLACED WITH COMPACTED STRUCTURAL FILL.
2. THE STRUCTURAL FILL SHALL BE SELECT GRANULAR MATERIAL AND SHALL BE PLACED IN MAXIMUM LIFTS OF EIGHT (8) INCHES OF LOOSE MATERIAL. COMPACTED WITHIN THE RANGE OF ONE (1) PERCENTAGE POINT BELOW TO THREE (3) PERCENTAGE POINTS ABOVE THE OPTIMUM MOISTURE CONTENT VALUE. IF WATER MUST BE ADDED, IT SHALL BE UNIFORMLY APPLIED AND THOROUGHLY MIXED INTO THE SOIL BY DISKING OR SCARIFYING. EACH LIFT OF COMPACTED STRUCTURAL FILL SHALL BE TESTED BY A REPRESENTATIVE OF THE GEOTECHNICAL ENGINEER PRIOR TO PLACEMENT OF SUBSEQUENT LIFTS. IN-PLACE DENSITY MEASUREMENTS SHALL BE TAKEN TO ASSURE THAT THE ABOVE DEGREE OF COMPACTION IS ACHIEVED. THE COMPACTED STRUCTURAL FILL SHALL EXTEND FIVE (5) FEET BEYOND THE PERIMETER OF THE BUILDING PRIOR TO SLOPING.
3. ALL RUNOFF WATER MUST BE CARRIED AWAY FROM THE SLAB TO PREVENT SATURATION OF THE SUB-BASE.
4. ALL TREES WITHIN CLOSE PROXIMITY SHALL BE REMOVED TO PREVENT THE ROOTS FROM EXTENDING UNDER THE SLAB.
5. PROVIDE AND MAINTAIN IMMEDIATE SITE DRAINAGE BEFORE, DURING, AND AFTER CONSTRUCTION. PROVIDE GRADY DRENCH PIPES, AND SUMP PUMPS AS WELL BE REQUIRED TO IMMEDIATELY DRAIN ALL RAINWATER FROM THE CONSTRUCTION AREA. FOOTING EXCAVATIONS SHOULD BE OBSERVED AND CONCRETE PLACED AS QUICKLY AS POSSIBLE TO AVOID EXPOSURE OF THE FOOTING BOTTOMS TO WETTING AND DRYING SURFACE RUNOFF WATER SHOULD BE DRAINED AWAY FROM THE EXCAVATIONS AND FOOTINGS PRIOR TO PLACING OF THE OR AFTER CONCRETE PLACEMENT, IF IT IS REQUIRED THAT A FOOTING EXCAVATIONS BE LEFT OPEN FOR MORE THAN ONE DAY, THEY SHOULD BE PROTECTED TO REDUCE EVAPORATION OR ENTRY OF MOISTURE.

FOUNDATION AREA:

BUILDING FOOTPRINT -	6,526 SF
GENERATOR PAD	365 SQ. FT.

SHEET No: 11 of 37

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 (NFCM) 2001 EDITION AS WELL AS THE INTERNATIONAL RESIDENTIAL CODE (IRC) 2021 EDITION

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1. REFER TO SHEET S601 FOR TYPICAL CONNECTION DETAILS AND SCHEDULES.
2. PROVIDE CEILING FRAMING AT ALL GYPSUM BOARD CEILINGS AND SOFFITS SHOWN.
3. ALL CEILING JOISTS SHALL BE SPACED AT 16 INCHES OC UNLESS NOTED OTHERWISE.
4. PROVIDE DOUBLE JOISTS AT SIDES OF FRAMED OPENINGS AND AT CHANGES IN FRAMING DIRECTION UNLESS MORE STRINGENT FRAMING IS SHOWN.
5. CONTRACTOR SHALL COORDINATE JOIST LAYOUT WITH LIGHTS, VENTS, ACCESS OPENINGS, AND OTHER CEILING PENETRATIONS AS REQUIRED.
6. PROVIDE FRAMED OPENING WHERE NECESSARY TO ACCOMMODATE RECESSED LIGHT FIXTURES. WHERE CONFLICT OCCURS, RECESSED LIGHT LOCATION GOVERNS.
7. PROVIDE DOUBLE JOISTS AT EACH SIDE OF JOISTS THAT ARE CUT. DO NOT CUT MORE THAN TWO ADJACENT JOISTS.
8. REFER TO TABLES S1021 AND S102.2 FOR HEADER SCHEDULE. ALL HEADERS MUST COMPLY WITH SAID SCHEDULE UNLESS NOTED OTHERWISE.
9. PROVIDE 5/8" DECKING FOR A/C UNITS AND WATER HEATER. REFER TO MECHANICAL PLAN M101 FOR REFERENCE.
10. SEE REFLECTED CEILING PLAN A102 FOR ACCESS PANEL SIZE & LOCATION. COORDINATE EXACT LOCATION /VEQUIPMENT LAYOUT. COORDINATE ROUGH OPENING DIMENSIONS WITH ACCESS PANEL MANUFACTURER.
11. REFER TO DOOR AND WINDOW SCHEDULES FOR OPENING DIMENSIONS.
12. PROVIDE LOOKOUTS OF EQUAL SIZE OF ADJACENT CEILING JOISTS WHERE CEILING JOISTS ARE NOT PARALLEL TO ROOF RAFTERS.
13. ALL CEILING JOISTS SHALL BE CONNECTED TO ROOF RAFTERS AT ALL ROOF/CEILING FRAMING JOINTS.
14. DO NOT PLACE PLYWOOD DECKING ABOVE IT CLOSET 105 OR WALLS ENCLOSING IT TO ACCOMMODATE CONDUITS AND SWEEPS. COORDINATE WITH RELEVANT TRADES CLEARANCE REQUIREMENTS.
15. ADJUST FRAMED OPENING AS NECESSARY TO ACCOMMODATE CLEARANCE NEEDED FOR TELESCOPING ATTIC STAIR.

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

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

HEADER SIZE	SPAN	NUMBER FULL HEIGHT STUDS REQ AT EA END
(2) 2x4	4'-0"	TWO
(2) 2x6	4'-10"	TWO
(2) 2x8	5'-4"	TWO
(2) 2x10	5'-8"	TWO
(2) 2x12	6'-1	TWO
(3) 2x8	6'-6"	THREE
(3) 2x10	7'-0"	THREE
(3) 2x12	7'-5"	THREE
(4) 2x8	7'-6"	FOUR
(4) 2x12	8'-11"	FOUR

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

NOTE:
1. ALL HEADERS SHALL HAVE SOLID BLOCKING.

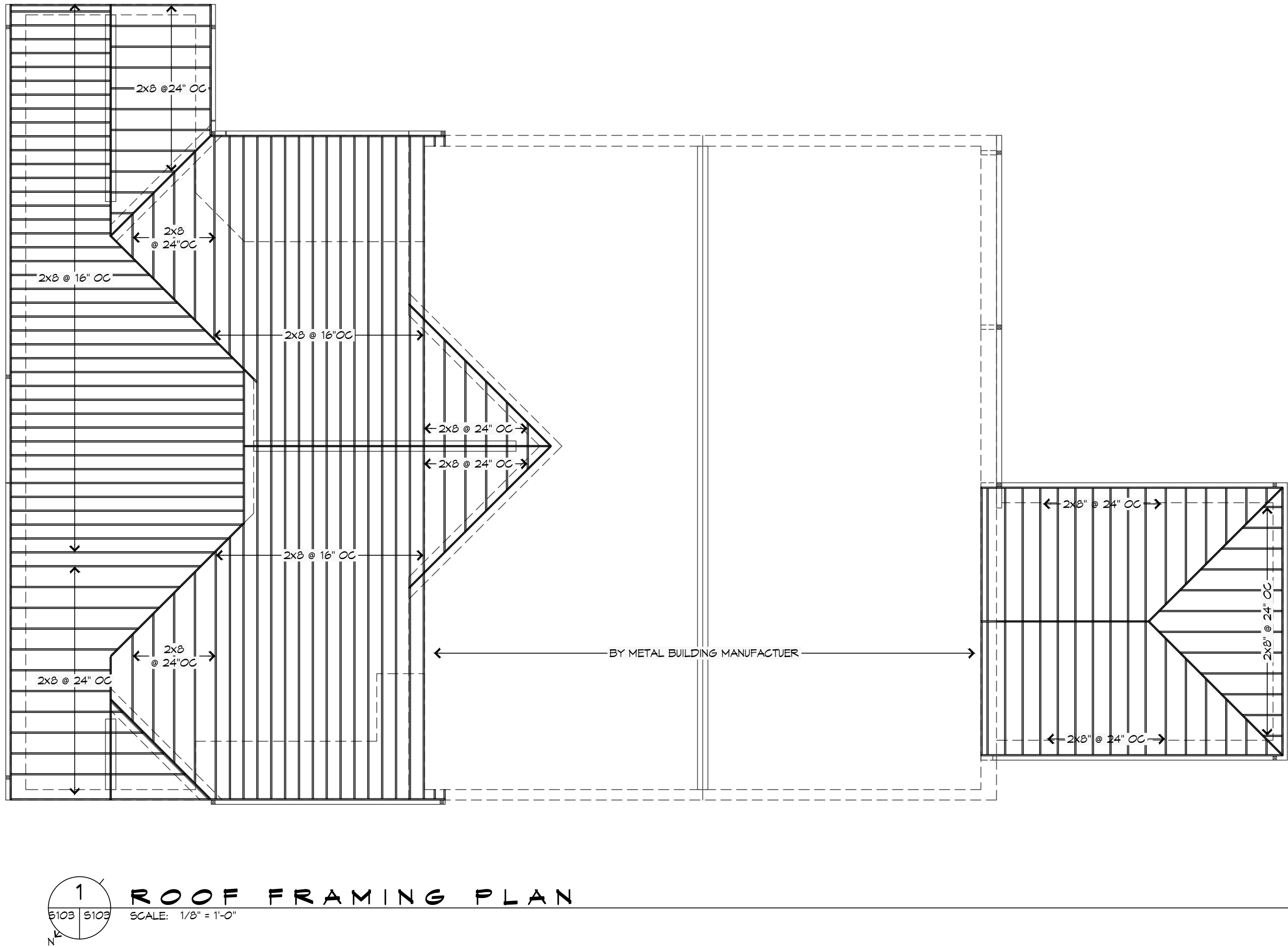
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SHEET TITLE:
CEILING FRAMING PLAN
AND DETAILS

DRAWING NUMBER:

S102

SHEET No: 13 of 37



GENERAL ROOF FRAMING NOTES

1. REFER TO EXTERIOR ELEVATIONS AND ROOF PLAN FOR INDICATED ROOF PITCH.
2. ALL RAFTERS SHALL BE SPACED AT 24 INCHES OC UNLESS NOTED OTHERWISE.
3. PROVIDE BLOCKING FOR SUPPORT OF ALL ROOF PENETRATIONS.
4. PROVIDE MINIMUM 2X6 HORIZONTAL COLLAR BRACING AT 1/3 POINT OF ATTIC SPACING AT FOUR FEET ON CENTER MAXIMUM.
5. ALL RAFTER ENDS SHALL BE CUT TO FIT FLUSH AGAINST RIDGE BOARD/BEAM TO PROVIDE A SOLID BEARING POINT.
6. ALL STRUTS AND FURLING TO PROVIDE BRACING FOR RAFTERS SHALL NOT BE MORE THAN 45 DEGREES W/REPER TO THE HORIZONTAL AND SHALL NOT EXCEED 8 FEET IN HEIGHT. ALL BRACING SHALL BE SUPPORTED ON A BEARING WALL.
7. WHERE A CONTINUOUS FURLIN IS PROVIDED IT SHALL NOT BE LESS THAN THE SIZE OF THE RAFTER IT IS SUPPORTING.
8. WHERE RAFTERS EXCEED 2X6 AT BUILDING PERIMETER PROVIDE 2X6 RAFTER TAILS TO MATCH ROOF OVERHANG DETAILS SHOWN ELSEWHERE IN THIS SET.

[illegible]

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

2745 LAKESHORE VISTA BLVD

Job No.:

333

1000

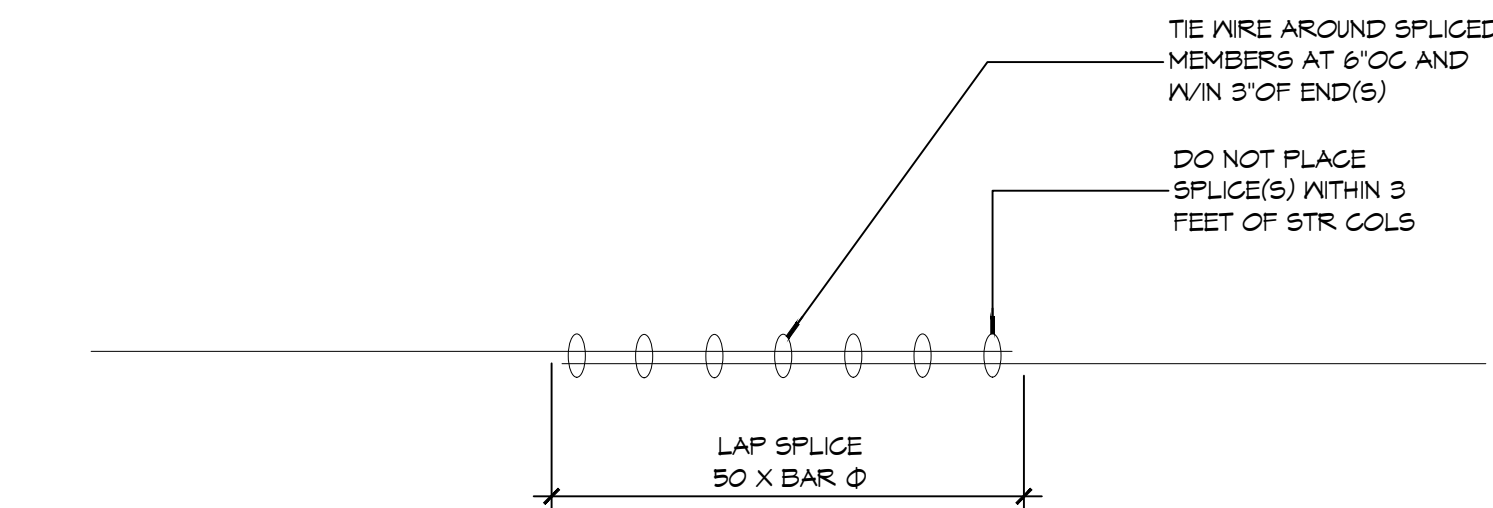
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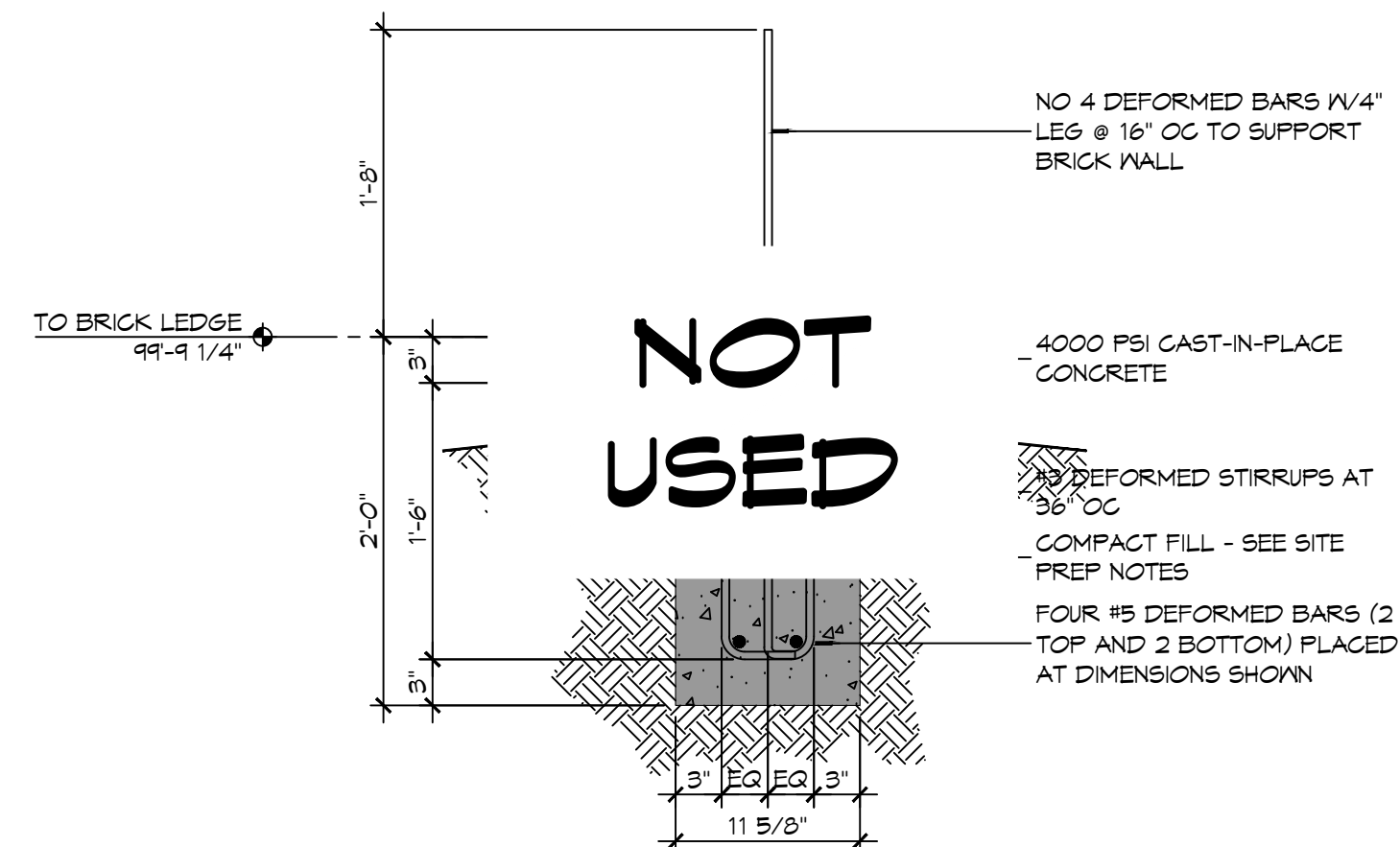
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ROOF FRAMING AND
DETAILS

DRAWING NUMBER

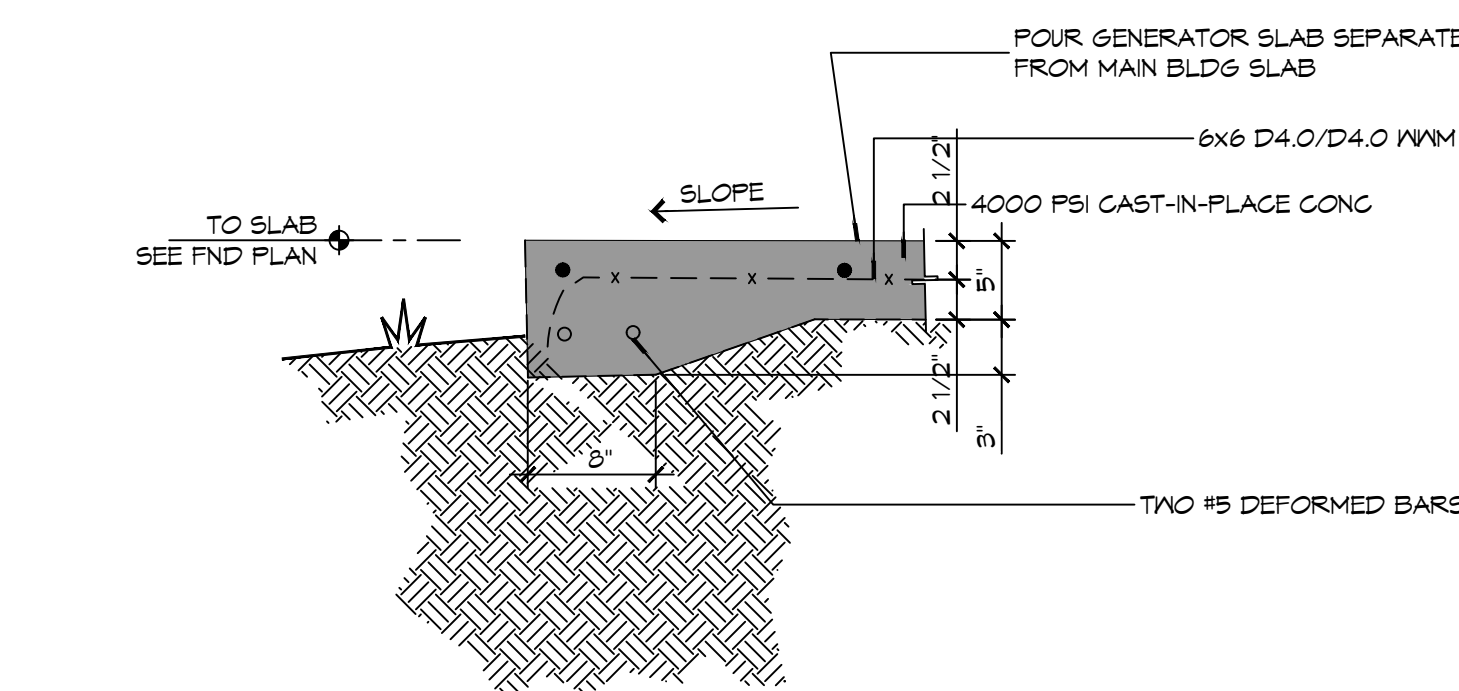
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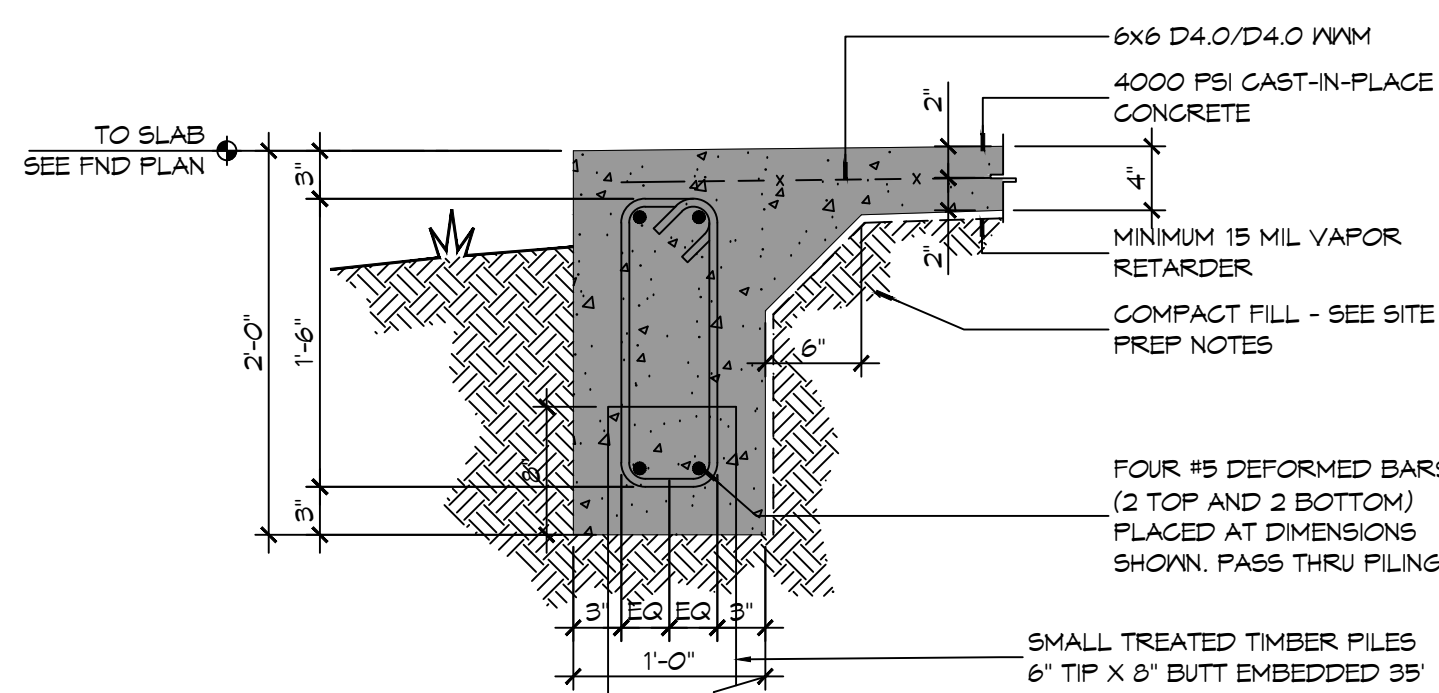
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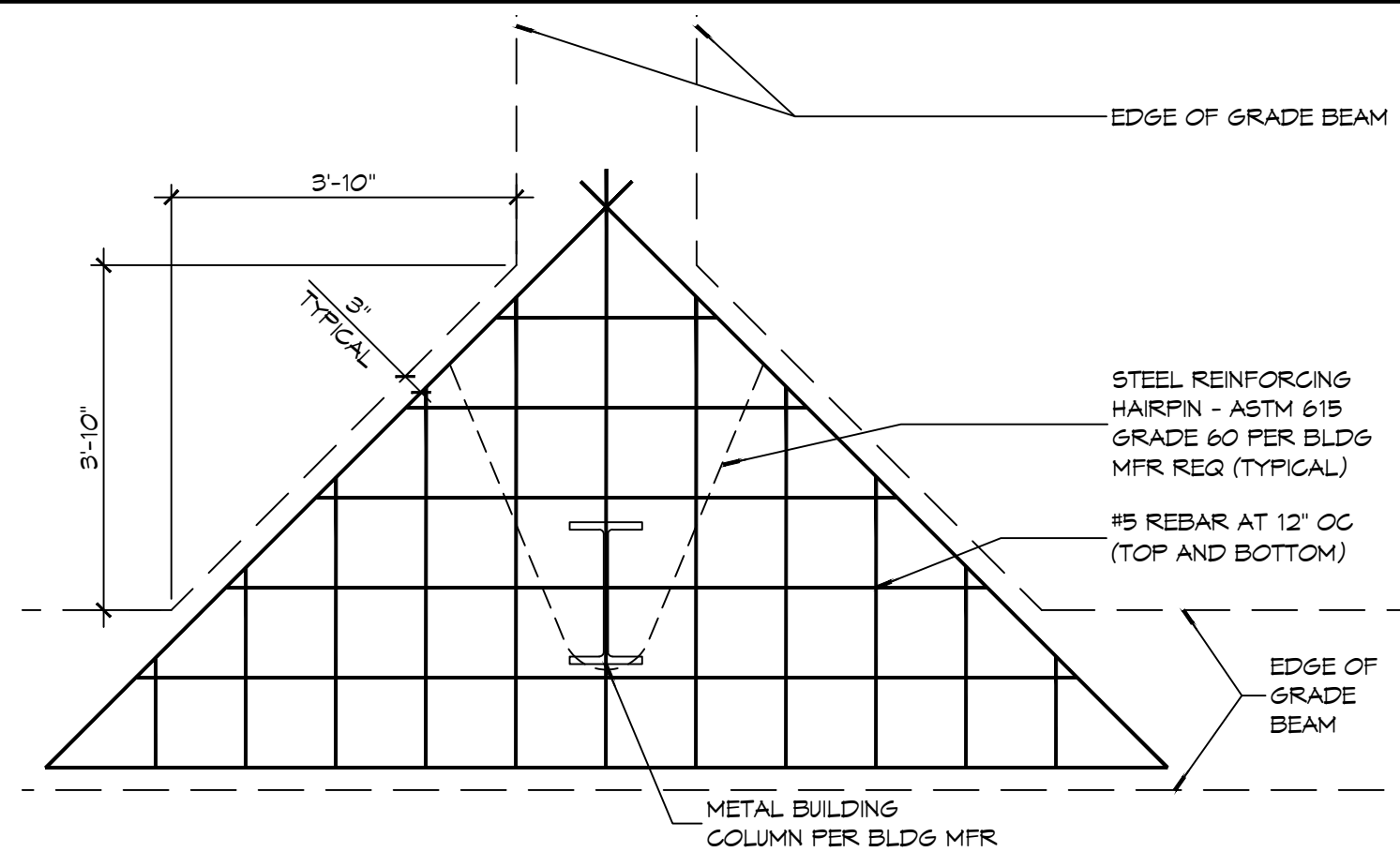
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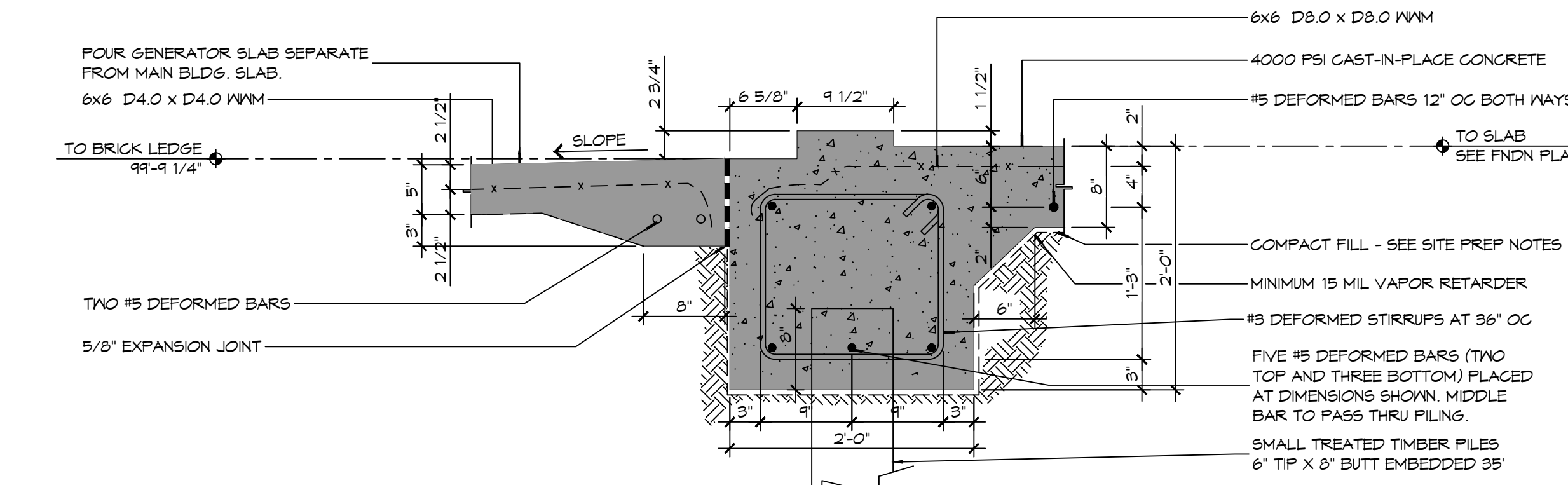
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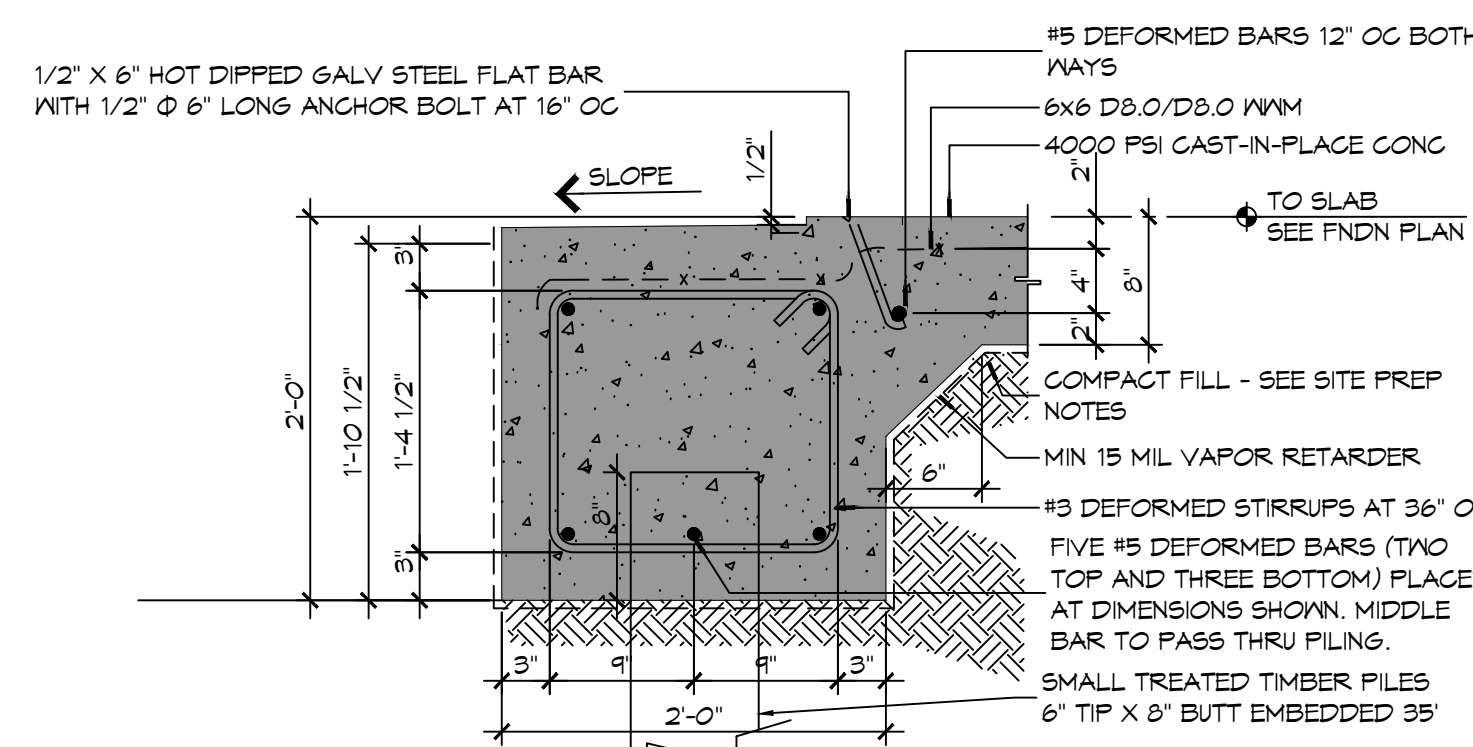
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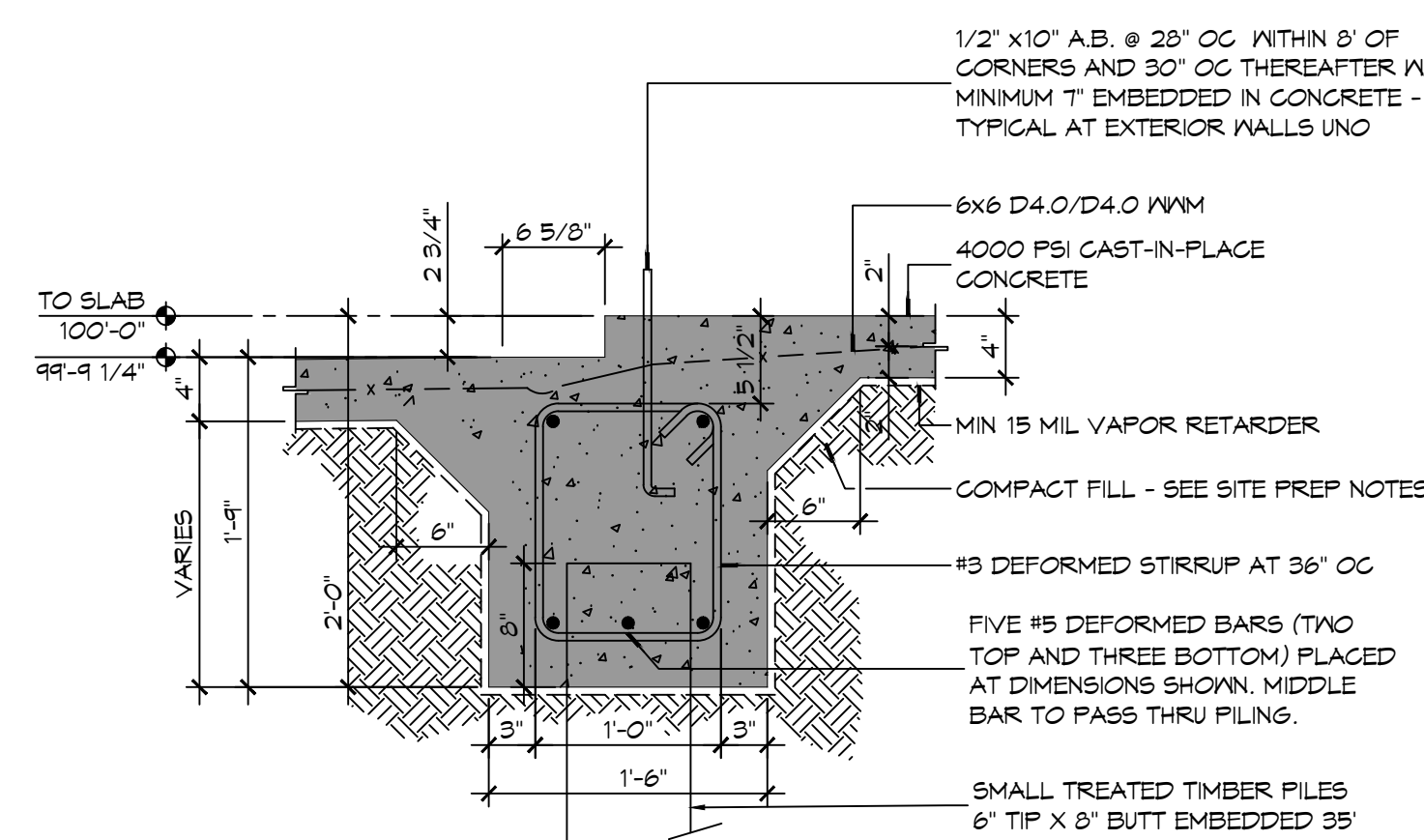
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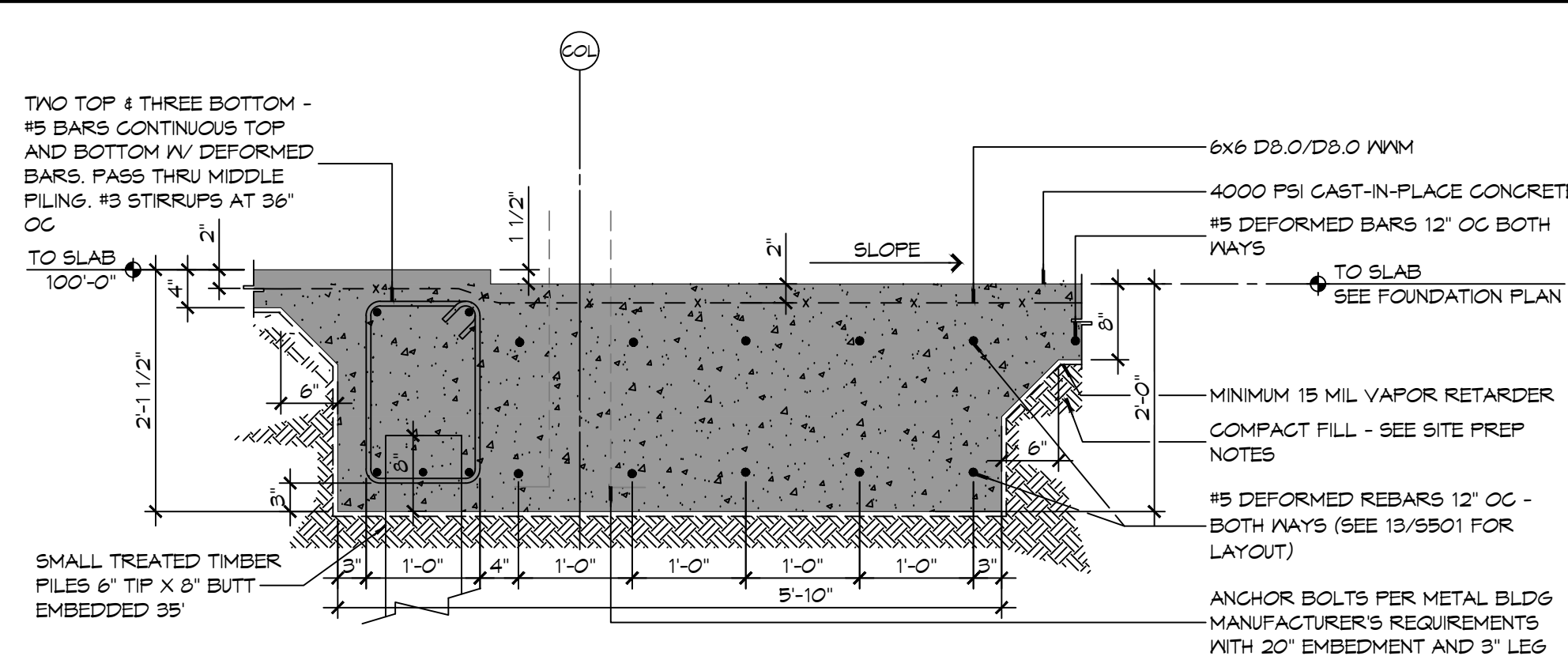
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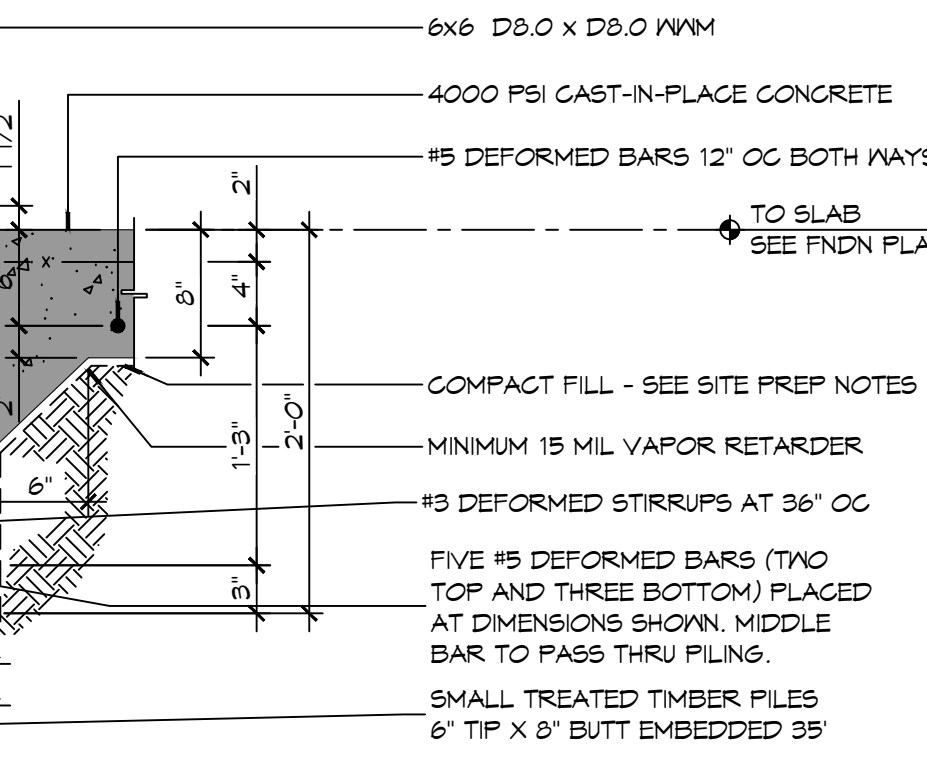
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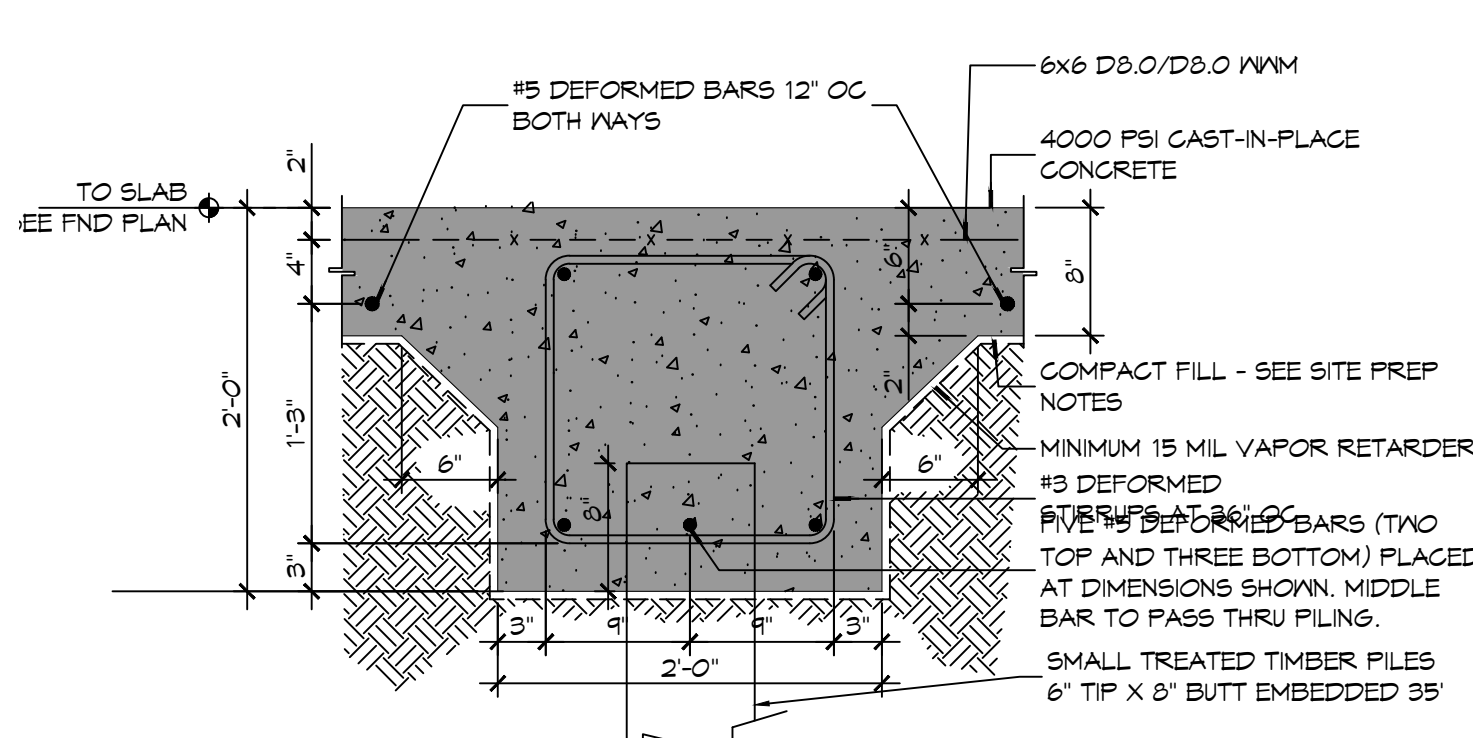
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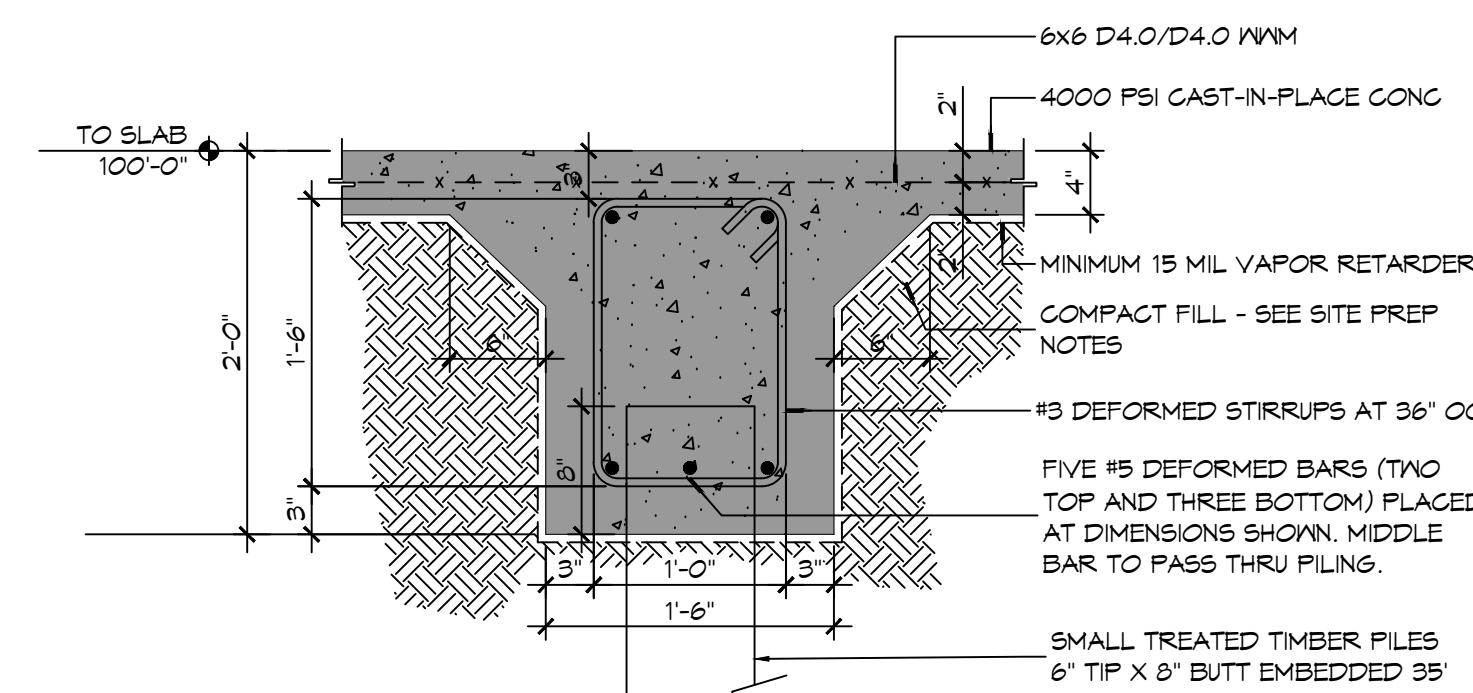
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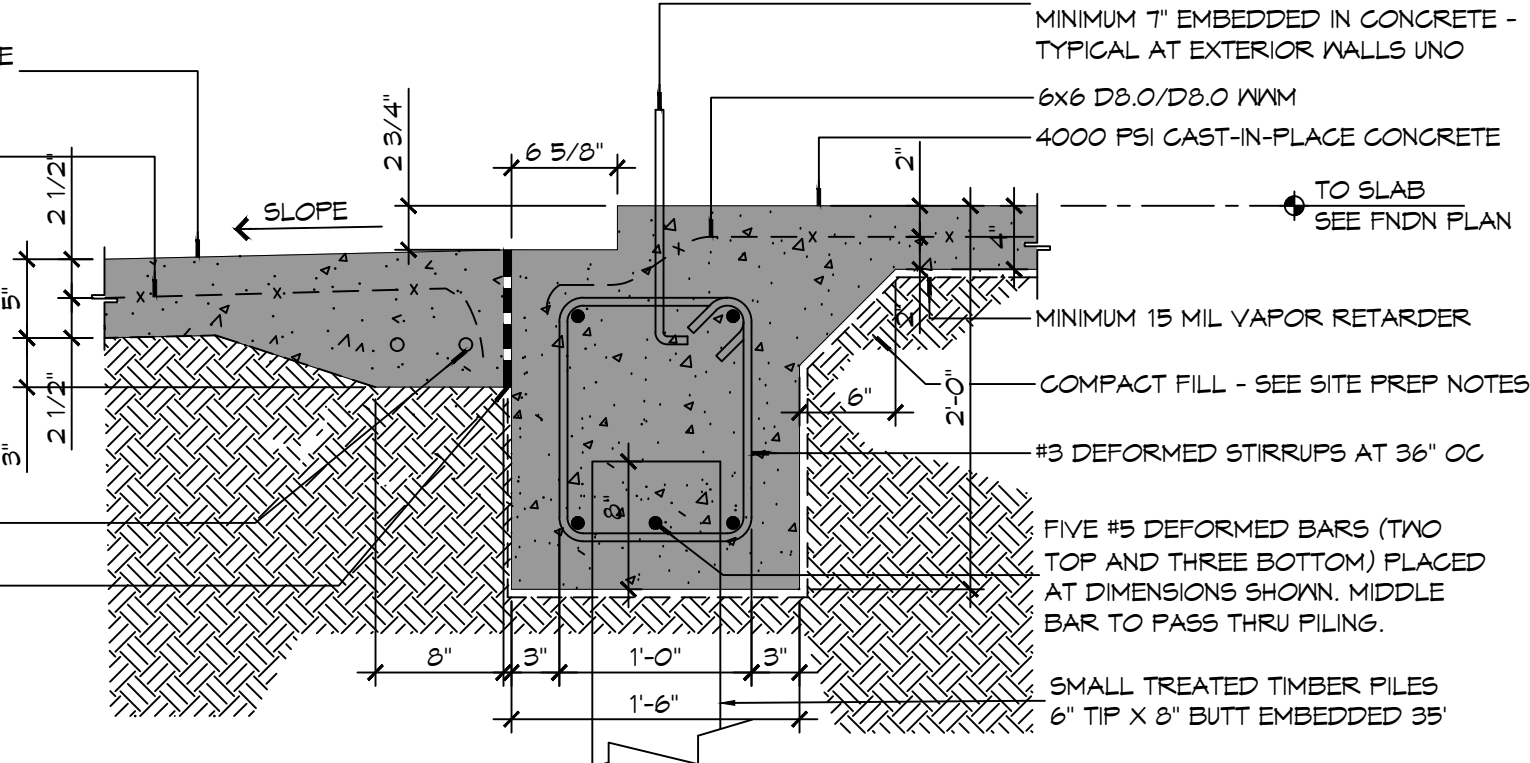
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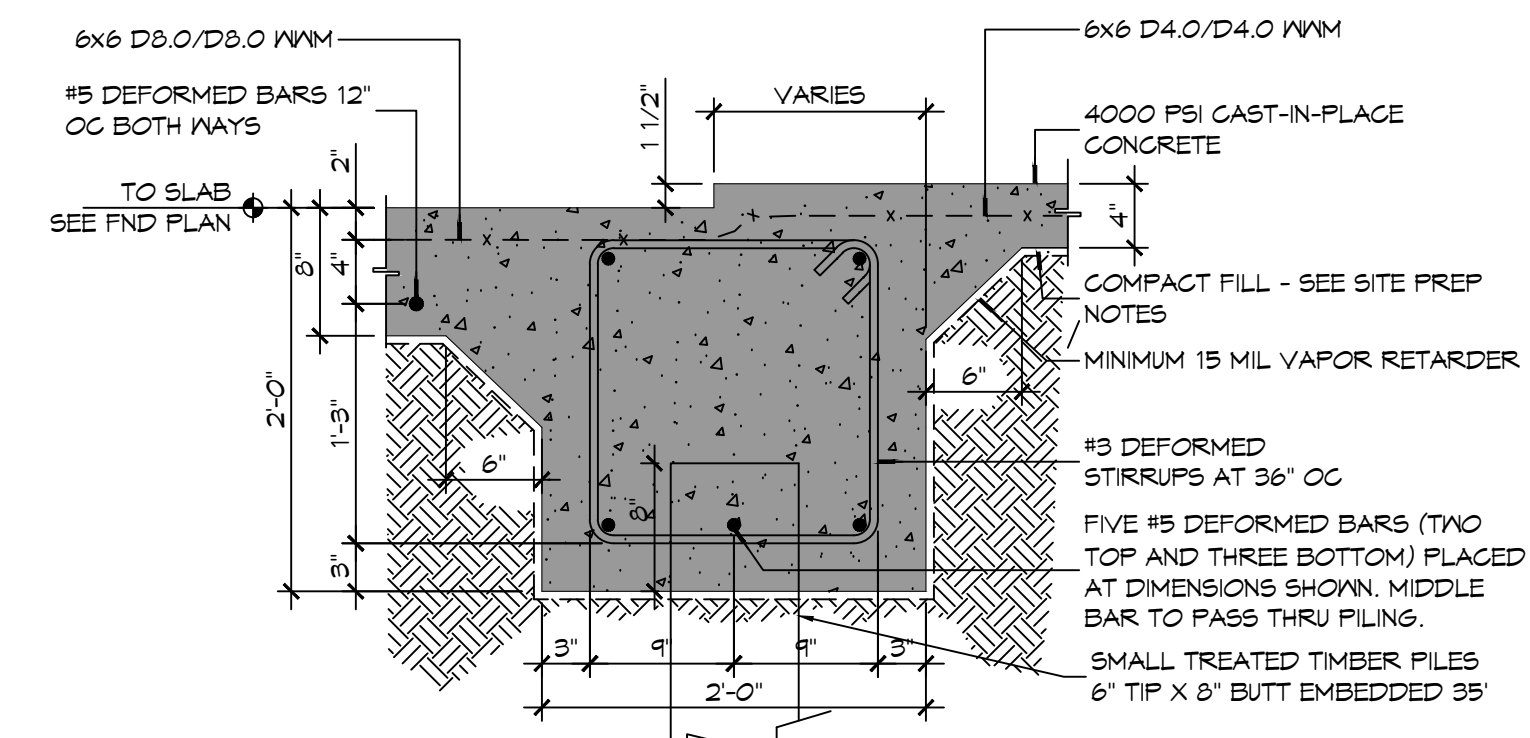
6 FOUNDATION DETAIL



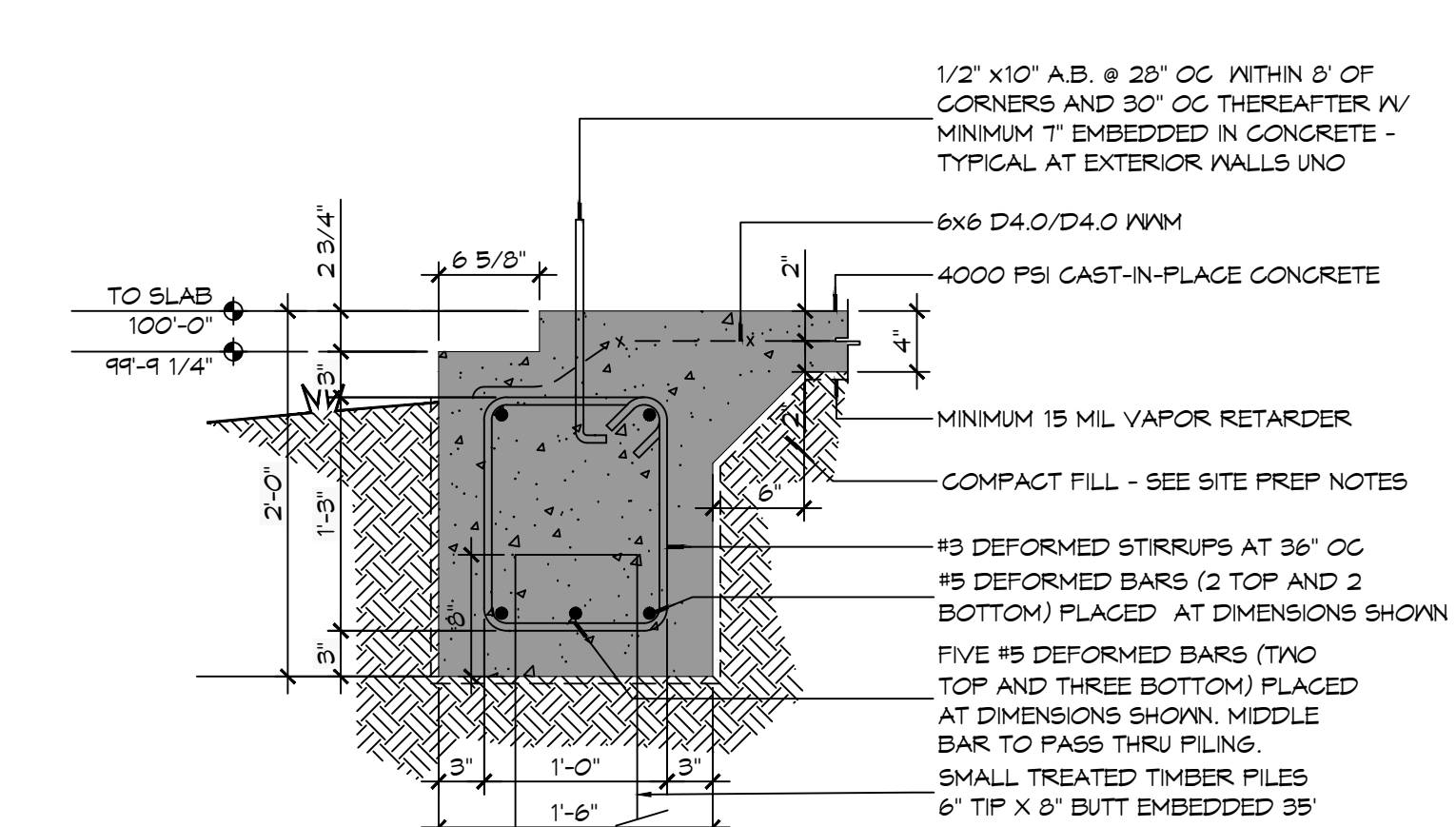
2 FOUNDATION DETAIL



DATION DETAIL



5 FOUNDATION DETAIL



1 FOUNDATION DETAIL

GENERAL FOUNDATION NOTES

1. CONCRETE REINFORCING STEEL SHALL CONFORM TO THE REQUIREMENTS OF ASTM A608, GRADE 60. CONFORMING 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 AC315-99, "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 AC315-08.
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 CAVING-IN OF THE FOOTING EXCAVATION. THESE MEASURES MAY INCLUDE CUTTING BACK THE SIDE SLOPES AND/OR THE USE OF SIDE FORMS.

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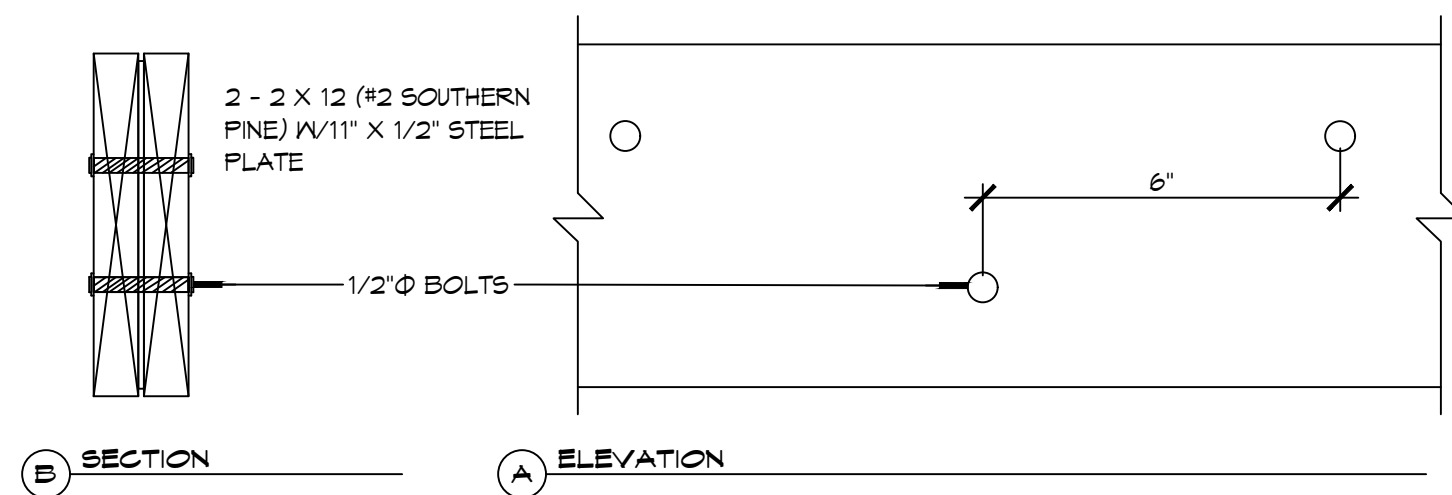
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NEW FIRE STATION #10
ST. TAMMANY FIRE PROTECTION
DISTRICT No. 1

SHEET TITLE:
FOUNDATION DETAILS

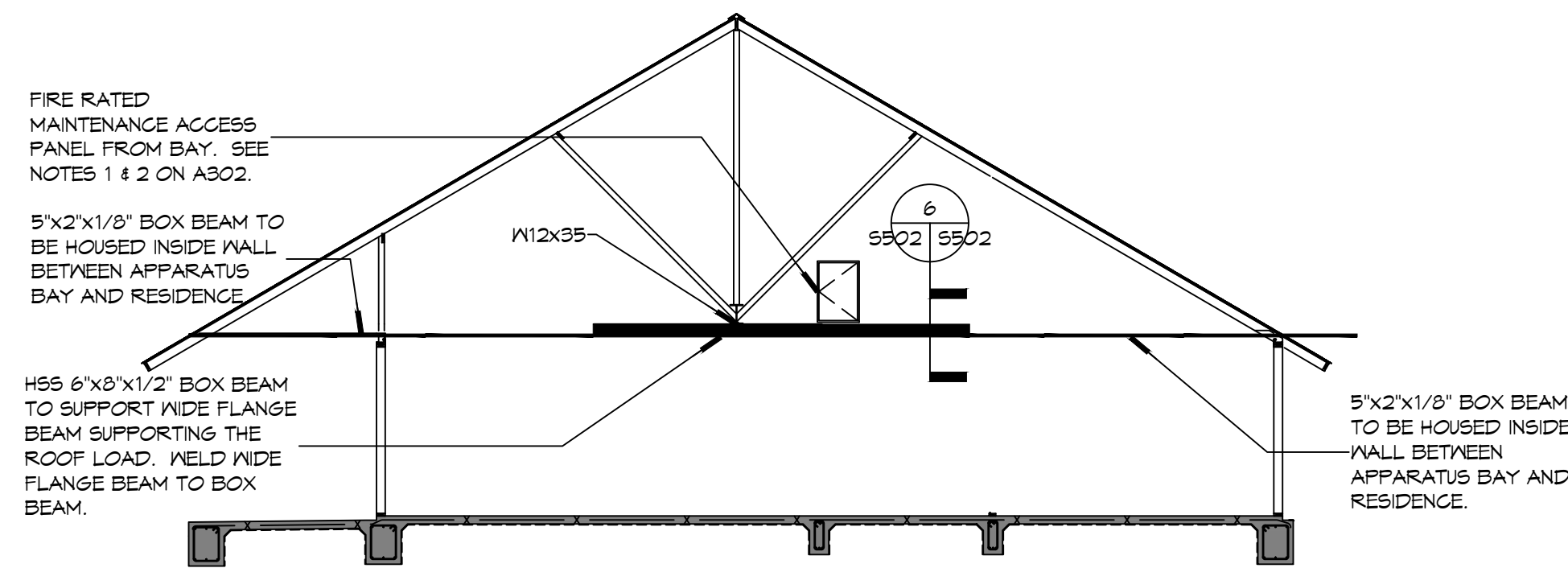
DRAWING NUMBER:

S501



10 DETAILS

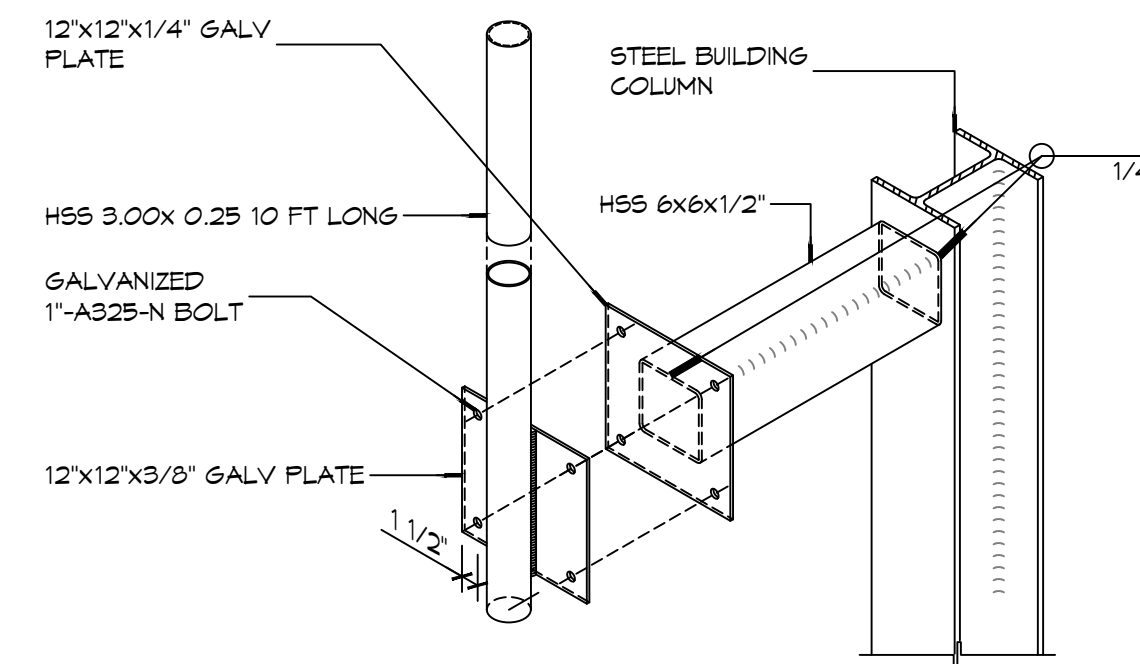
65026502 SCALE: NTS FLITCH BEAM



9 DETAIL

SCALE: NTS

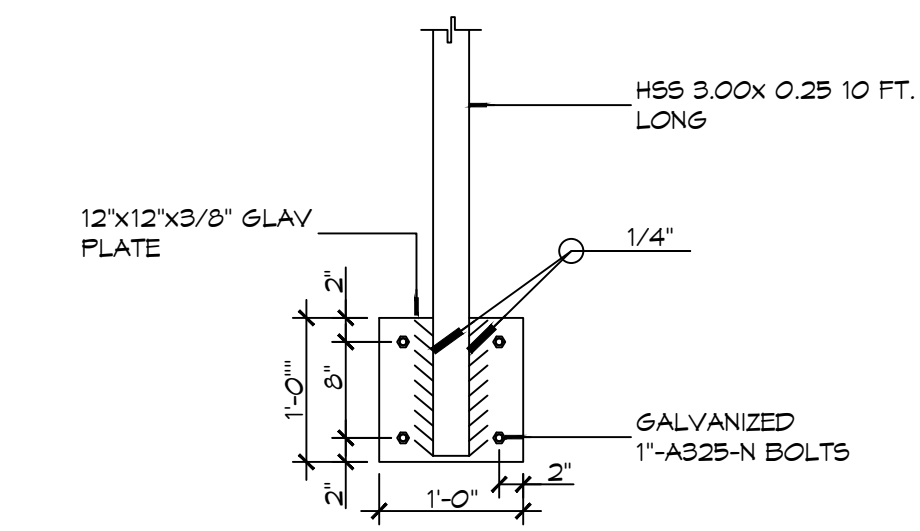
RESIDENCE DETAIL AT APPARATUS BAY WALL



ISOMETRIC

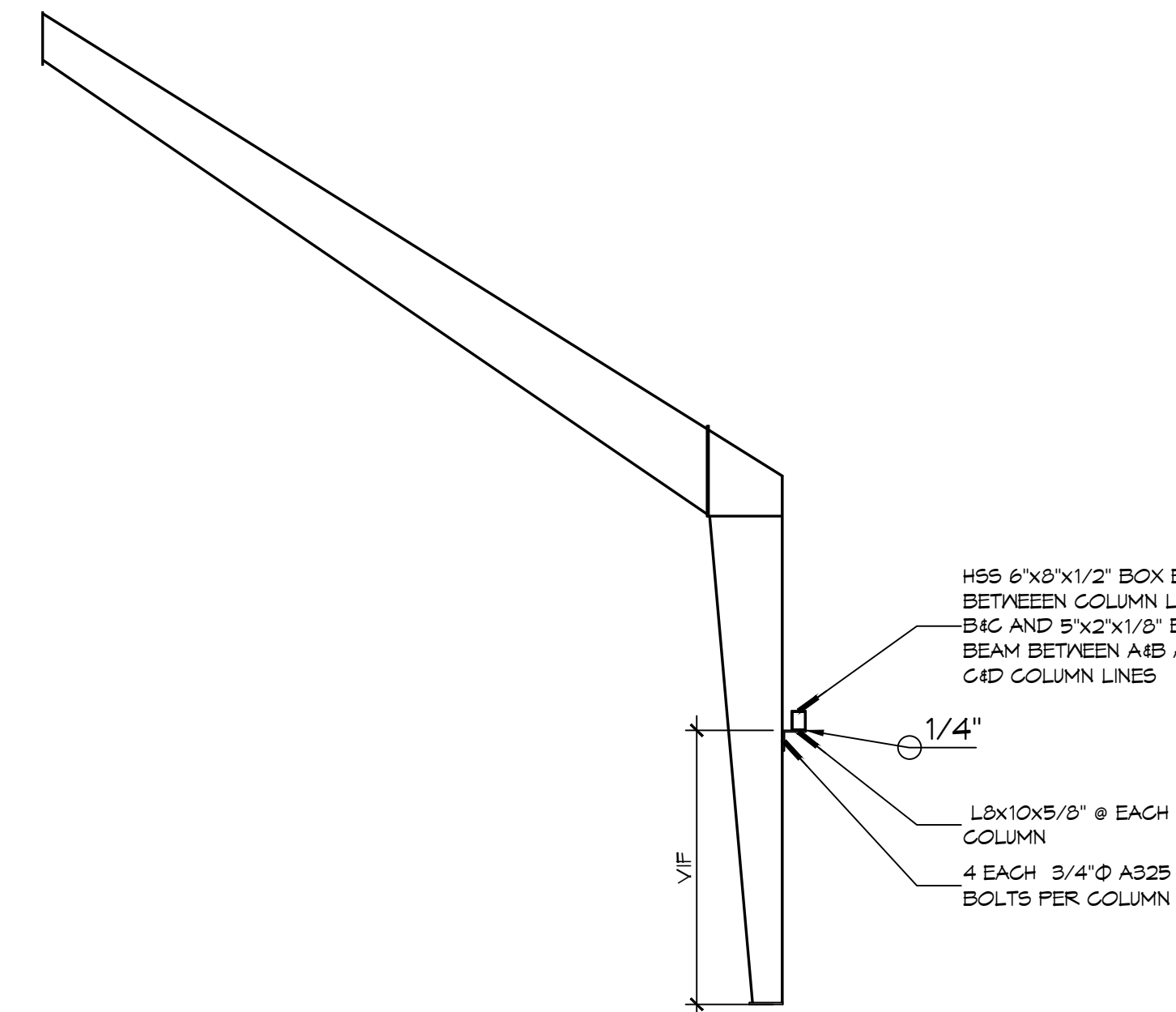
8 DETAILS

55025502 SCALE: 3/16" = 1'-0"

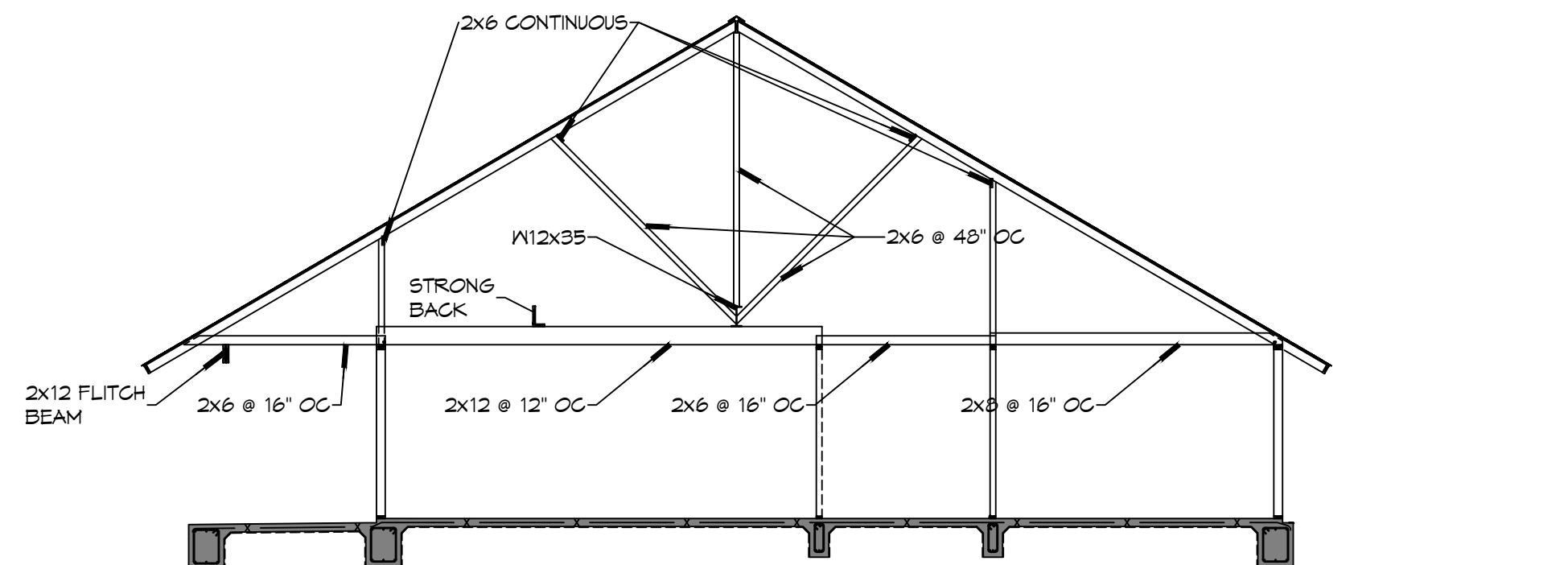


DETAIL ELEVATION

ANTENNA SUPPORT



6
5502 5502
SCALE: NTS
BRICK LINTEL

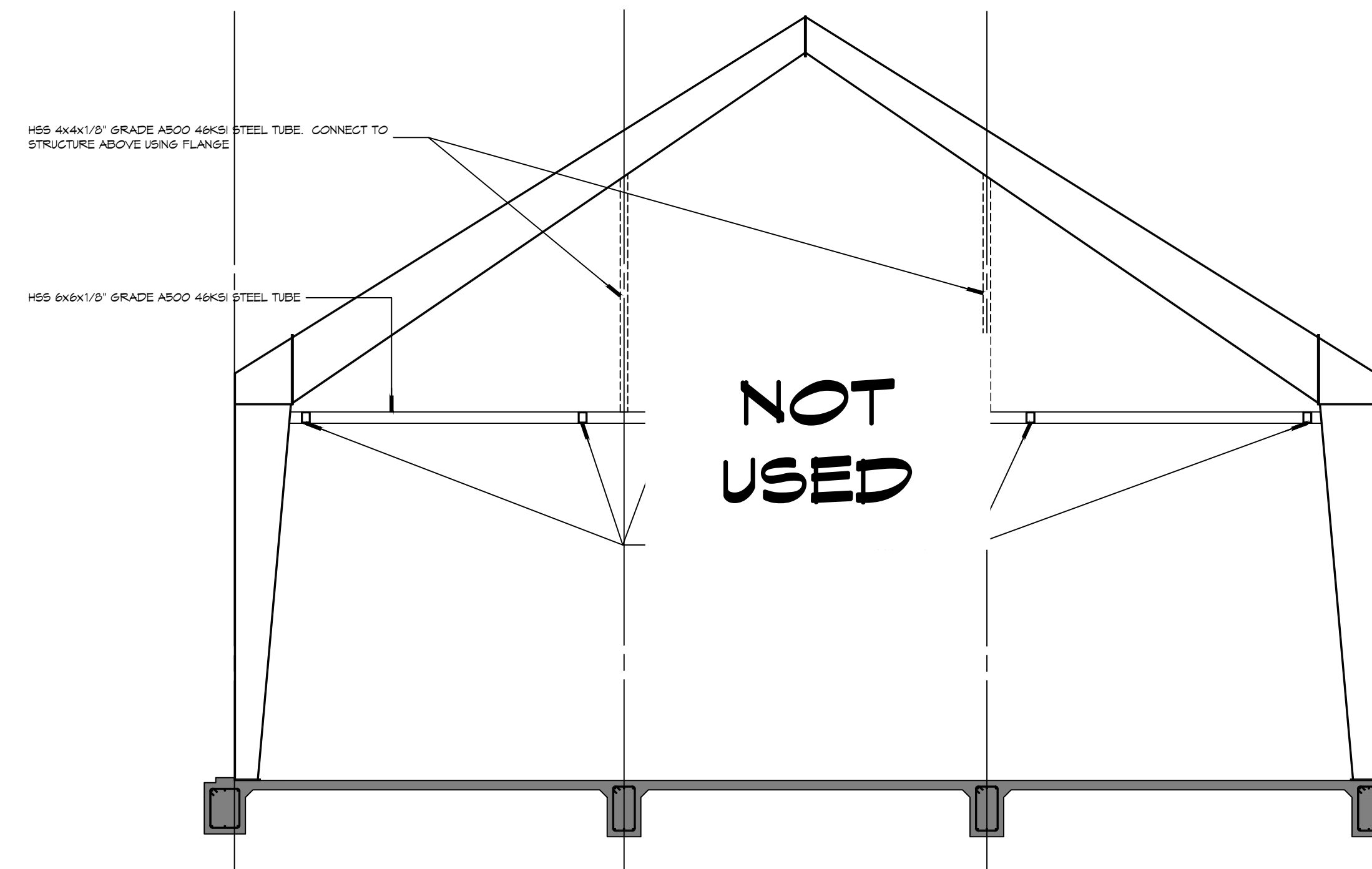


7 DETAIL
SCALE: NTS
RESIDENCE DETAIL

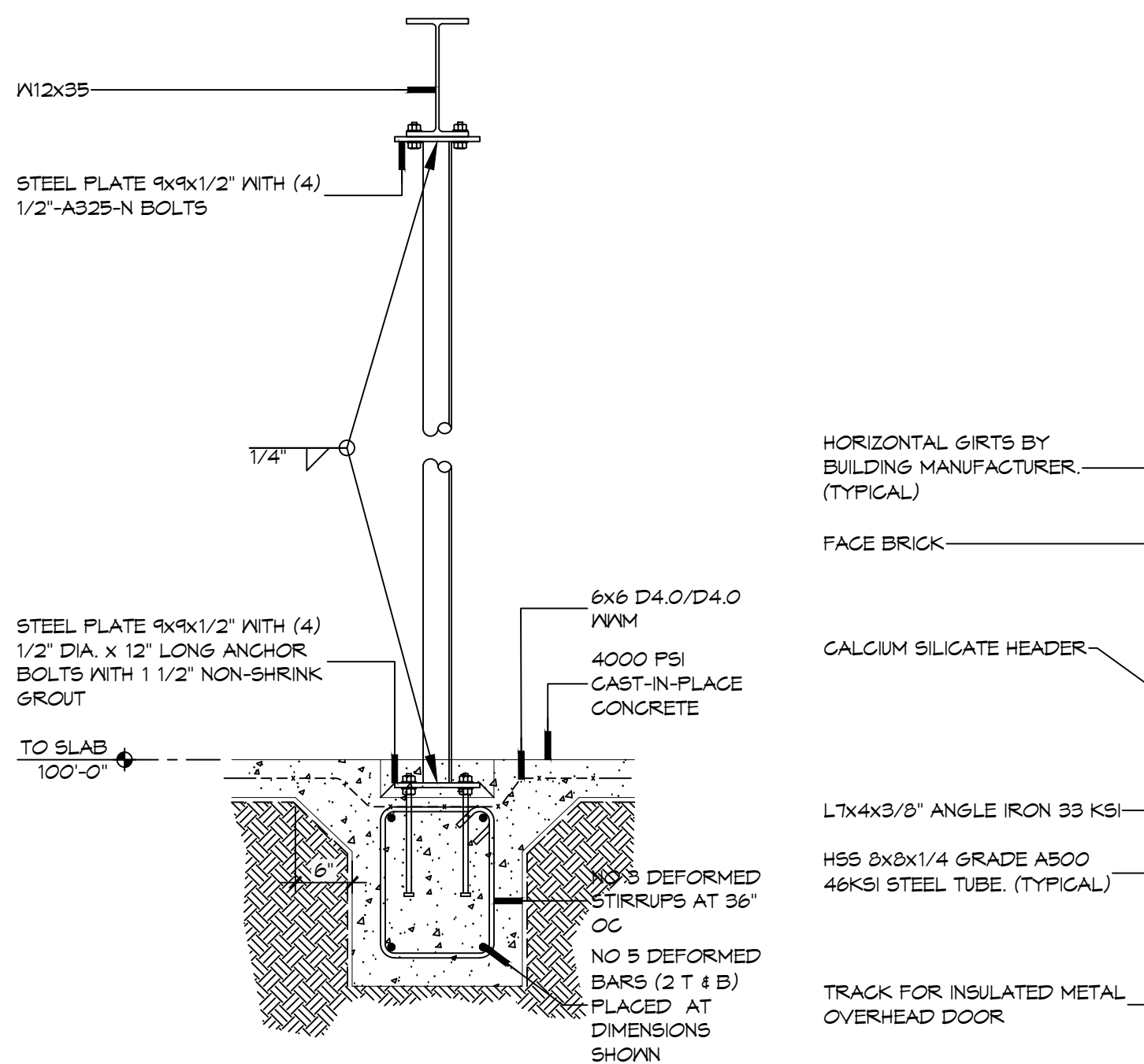


5 DETAILS

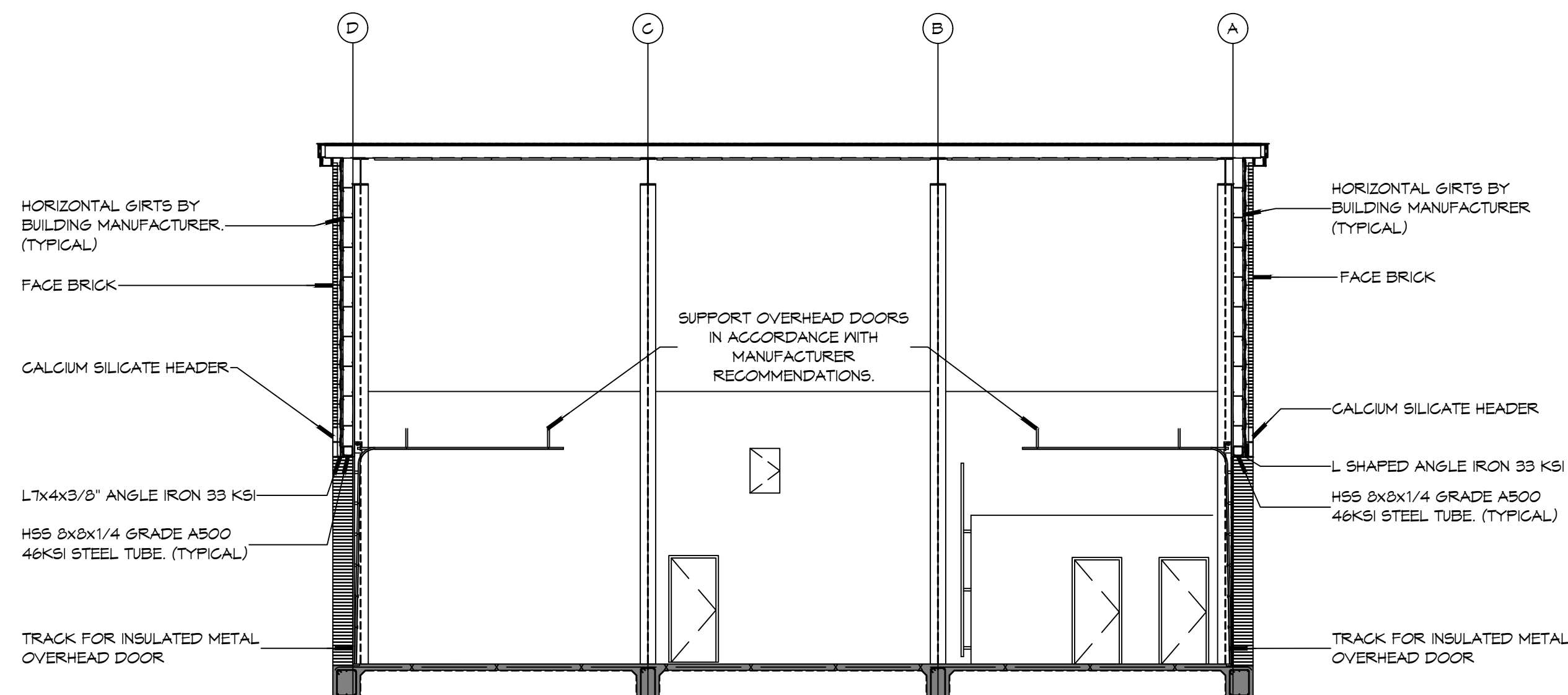
3502 3502 SCALE: NT5 OVERHEAD DOOR STRUCTURE DETAILS



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



3 DETAIL
55025102 SCALE: NTS PIPE COLUMN

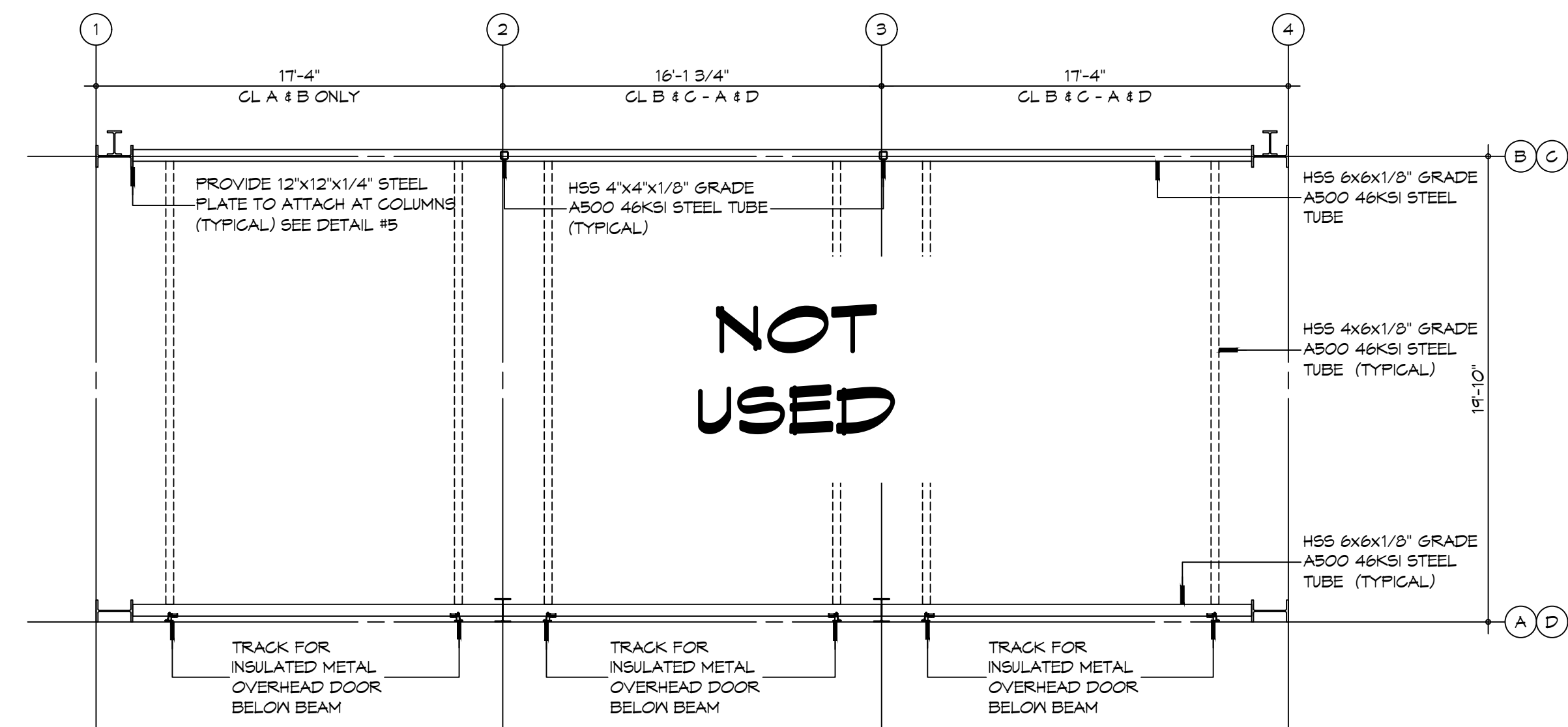


2 **DETAIL**

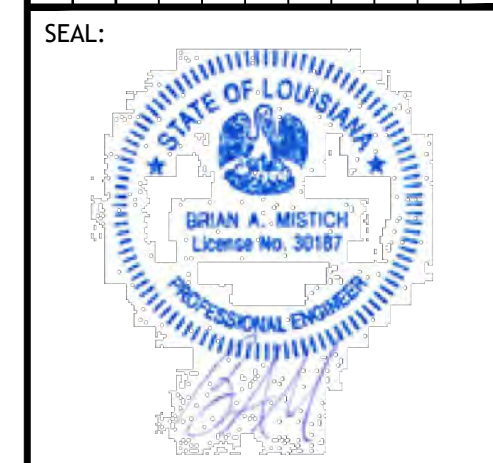
5502 | 5102

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

OVERHEAD DOOR STRUCTURE SECTION



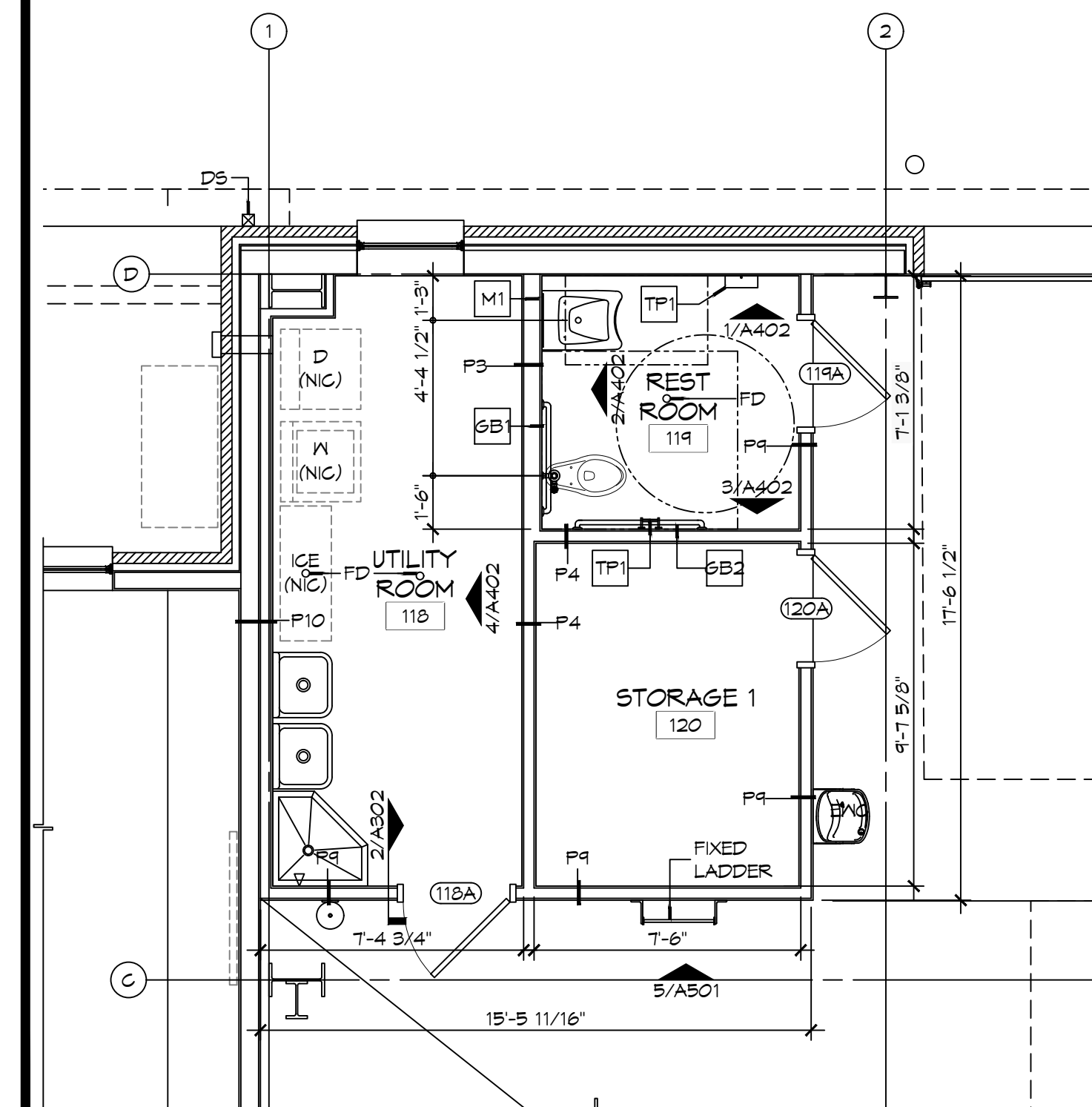
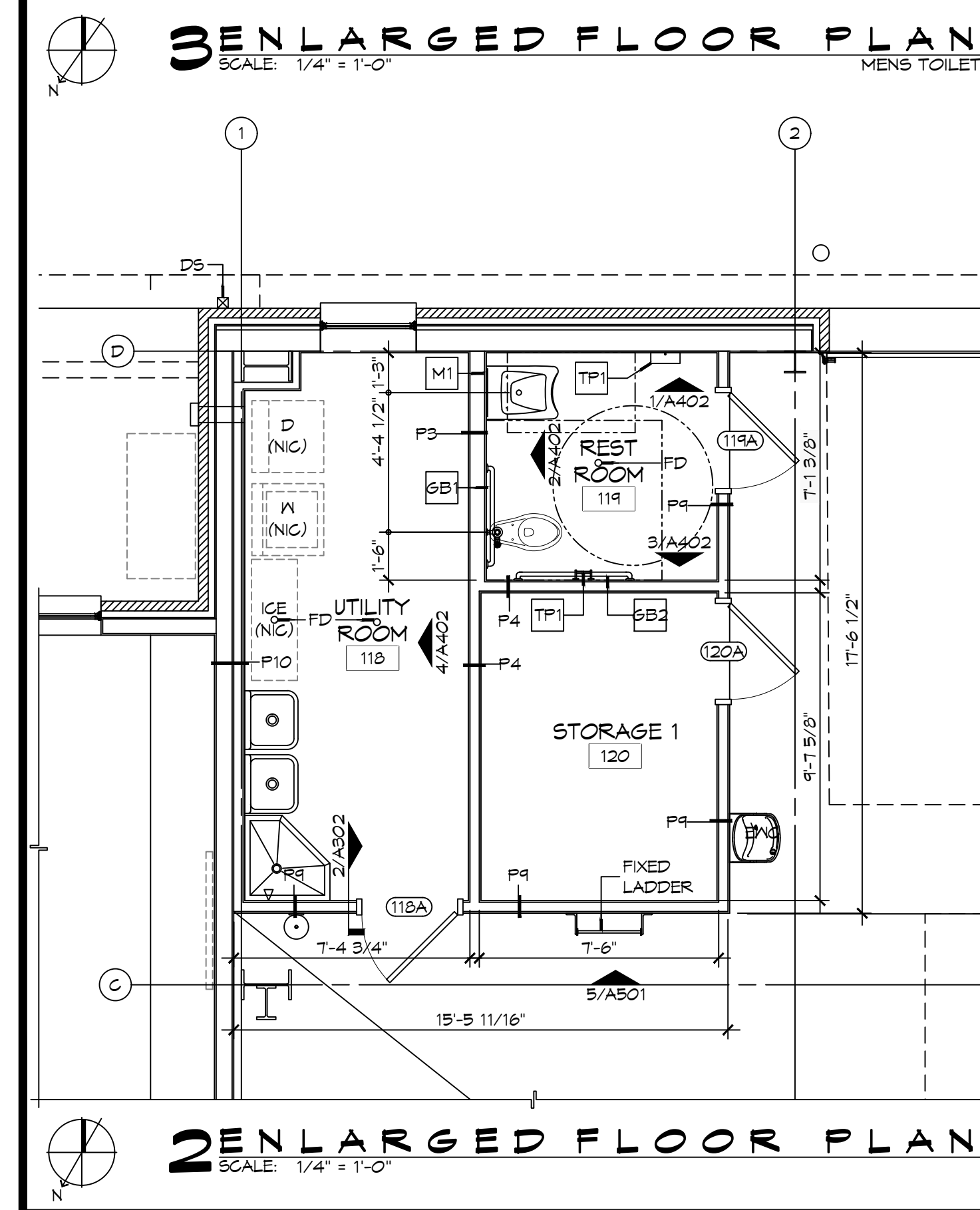
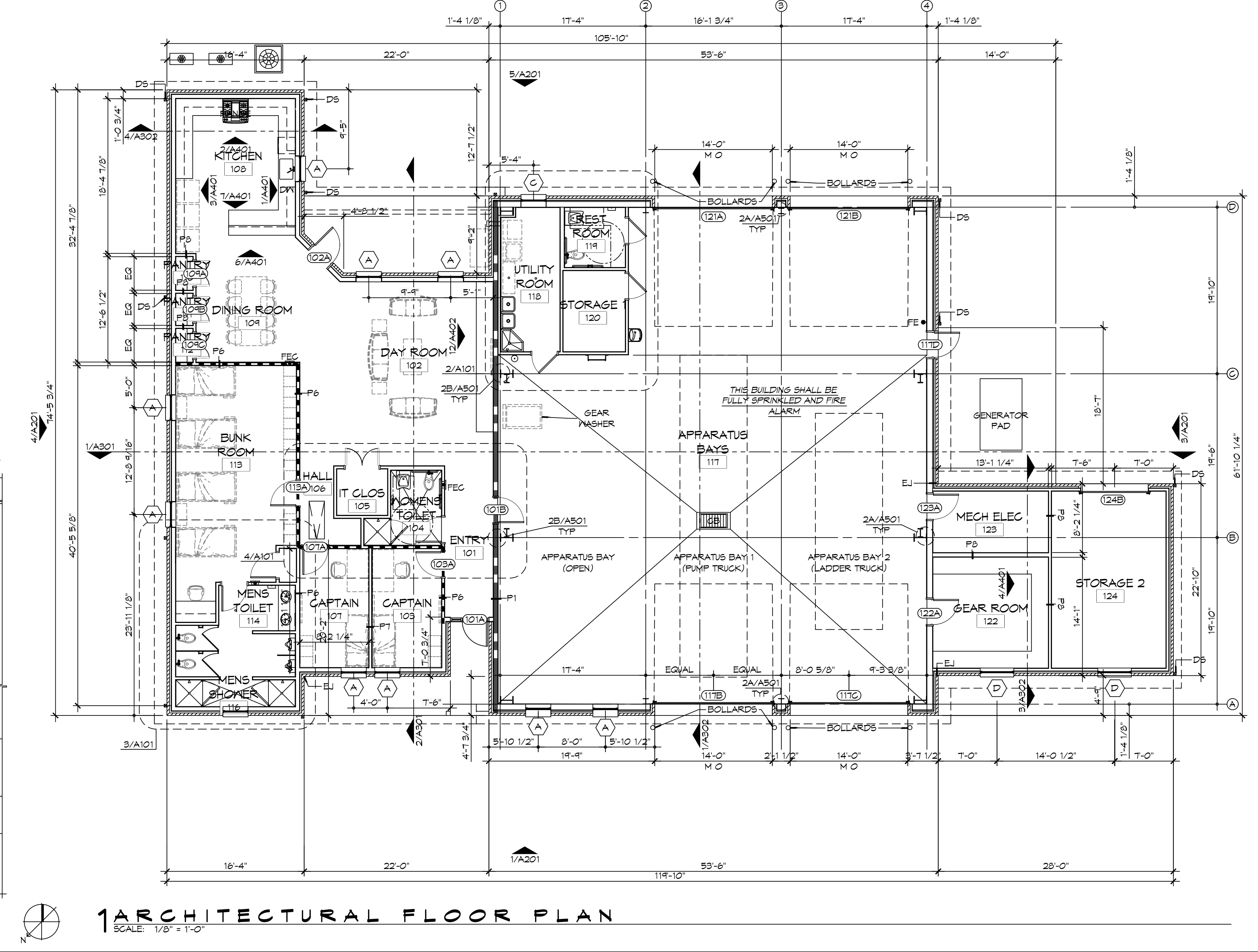
1
5025502
DETAIL
SCALE: 3/16" = 1'-0"
OVERHEAD DOOR STRUCTURE PLAN VIEW

[illegible][illegible]

SHEET TITLE:
STRUCTURAL DETAILS

DRAWING NUMBER:

S502

[illegible]

- # GENERAL SHEET NOTES
-
1. ALL DIMENSIONS ARE FACE-OF-WALL TO FACE-OF-WALL UNLESS NOTED OTHERWISE.
 2. 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).
 3. PROVIDE FIVE MELOMINE-GLAD WOOD SHELVES IN CLOSET 115.
 4. REFER TO PARTITION TYPES FOR PARTITION THICKNESS WHERE NOT SHOWN ON PLAN.
 5. 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.
 6. FOR ALL WOOD MEMBERS REQUIRED BY CODE TO BE FIRE RETARDANT TREATED, PROVIDE PRESSURE IMPREGNATION WITH FIRE RETARDANT CHEMICALS TO PROVIDE UL FRS FIRE HAZARD CLASSIFICATION. ALL WOOD SHALL BE IDENTIFIED WITH A UL LABEL CERTIFYING THIS CLASSIFICATION AND FM DIAMOND.
 7. GENERAL CONTRACTOR TO PROVIDE FIVE POUND "ABC" RATED FIRE EXTINGUISHER(S) AND/OR CABINET(S) WHERE SHOWN ON THESE PLANS.
 8. ALL PENETRATIONS OF FIRE RESISTIVE FLOORS OR SHAFT WALLS SHALL BE PROTECTED BY MATERIALS AND INSTALLATION DETAILS THAT CONFORM TO UL STANDARDS FOR THOUGH PENETRATIONS FIRESTOP SYSTEMS. SEAL AROUND ALL PENETRATIONS (DUCTS, PIPES, CONDUITS, ETC.) AT FIRE-RESISTIVE 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.
 9. 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.
 10. PROVIDE 4x8-x3/4" BC PLYWOOD ON THREE WALLS FOR ATTACHMENT OF IT EQUIPMENT IN IT CLOSET 103. INSTALL PLYWOOD PANELS VERTICALLY TIGHT TO FINISH CEILING.
 11. NOT USED.
 12. SEE PROJECT SPECIFICATIONS FOR TOILET ACCESSORY HARDWARE SCHEDULE.
 13. SEE SHEET A201 FOR MASONRY EXPANSION JOINT LOCATIONS NOT SHOWN ON THIS SHEET.

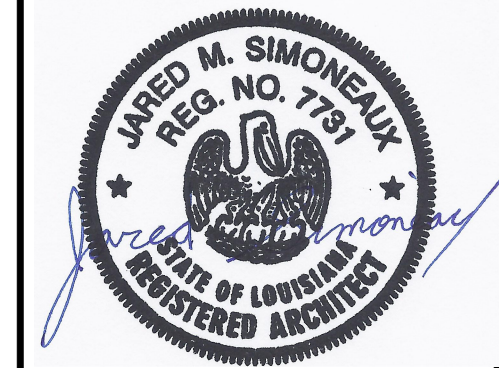
- ## L E G E N D
- | | |
|---|--|
|  | FIRE-RATED PARTITION - SEE PARTITION TYPES AND LIFE-SAFETY PLAN FOR DESIGNATED FIRE RATING |
|  | SMOKE PARTITION - SEE PARTITION TYPES AND LIFE-SAFETY PLAN FOR DESIGNATED RATING |

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[illegible]

NEW FIRE STATION #10

ST. TAMMANY FIRE PROTECTION DISTRICT No. 1

2745 LAKESHORE VISTA BLVD
SLIDE, LA. 70461

JOB NO: 2514

DATE: 12-03-2023

DRAWN BY: GKD

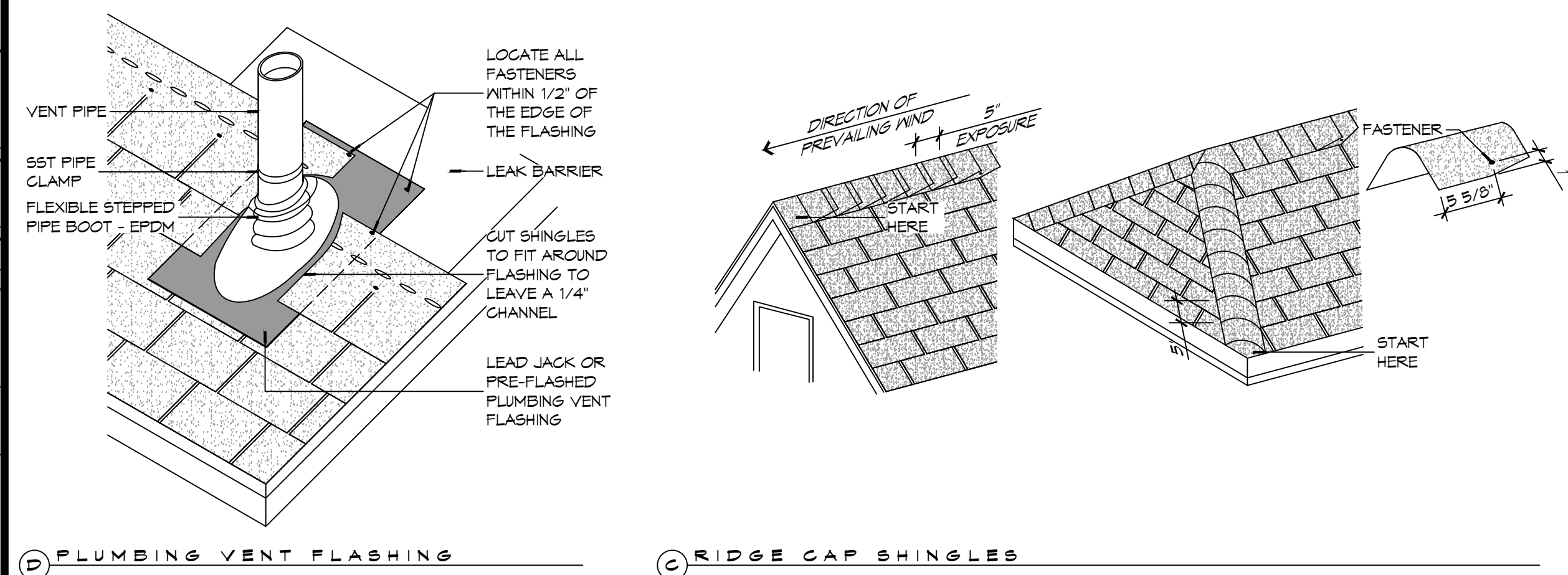
CHECKED BY: JMS

This drawing was prepared by the design engineer or design engineer in charge of the project and is to be used for the purpose of construction only. It is not to be used for any other purpose without the written consent of the design engineer. The design engineer is not responsible for any errors or omissions in this drawing or for any consequences arising therefrom. The design engineer is not responsible for any construction methods or materials used in the construction of the project. The design engineer is not responsible for any construction methods or materials used in the construction of the project. The design engineer is not responsible for any construction methods or materials used in the construction of the project.

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

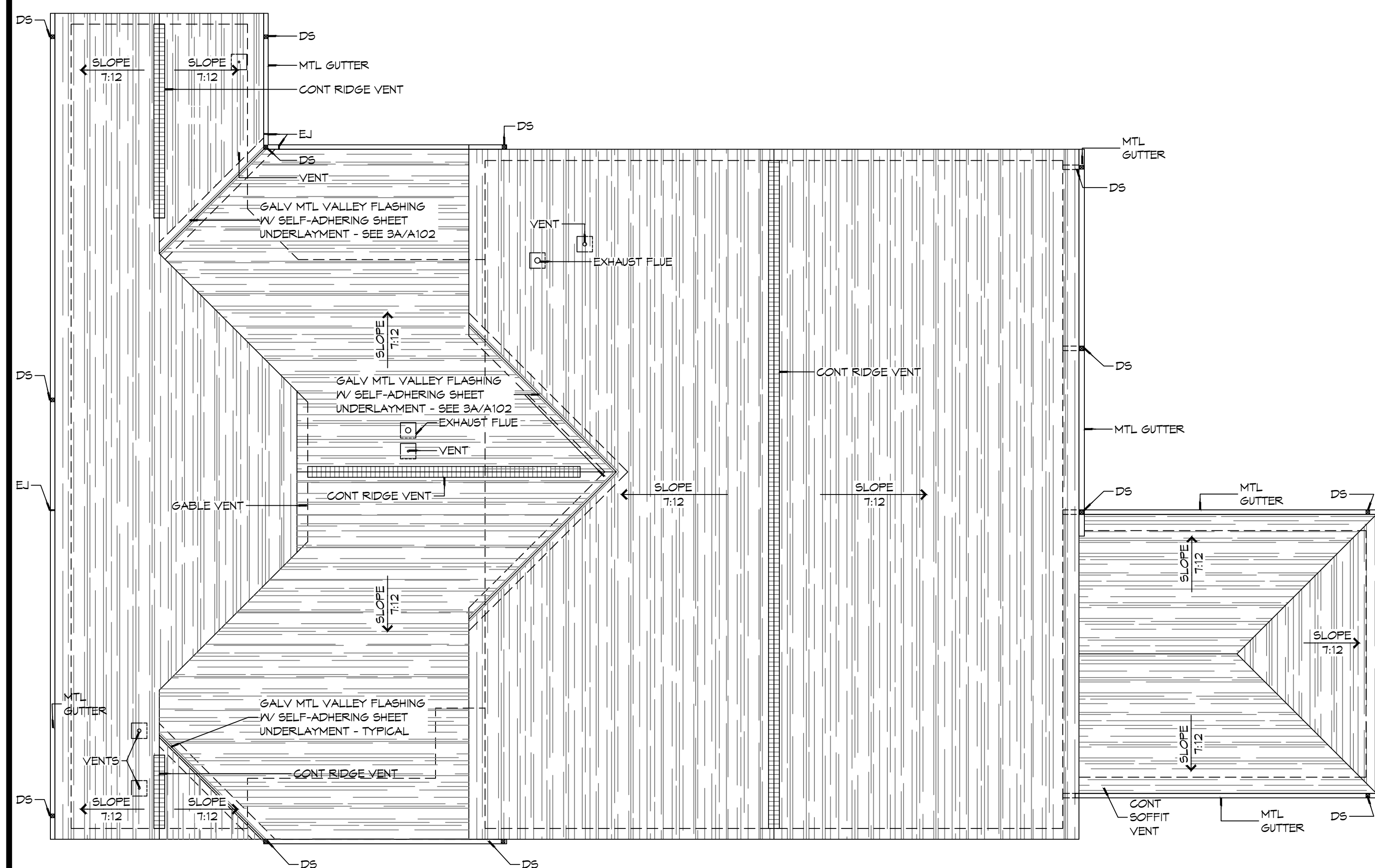
DRAWING NUMBER:

A101



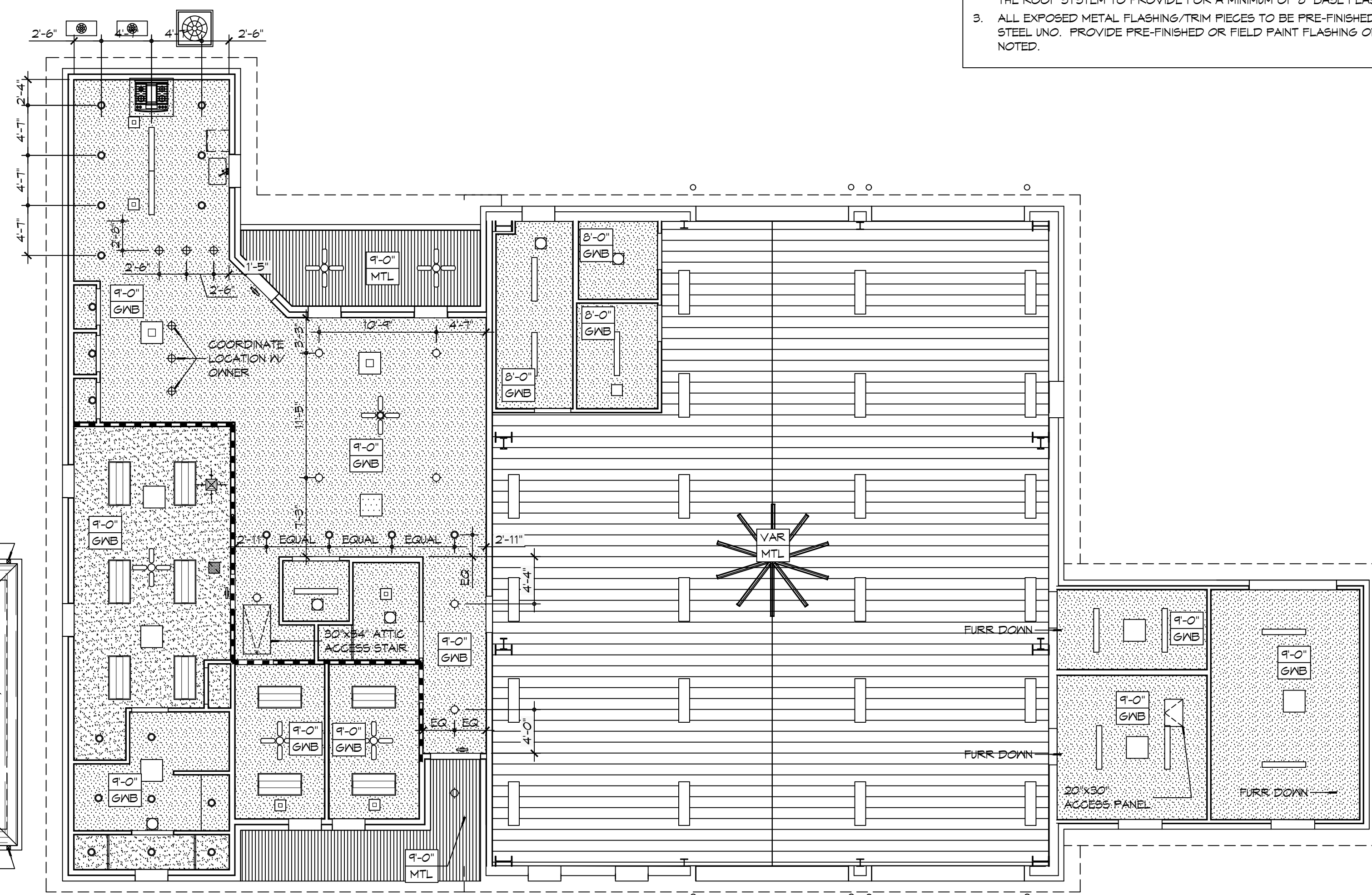
3 TYPICAL ROOF DETAILS

SCALE: 1" = 1'-0"



2 ROOF PLAN

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



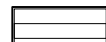
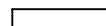
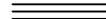
1 REFLECTED CEILING PLAN

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

RCP NOTES

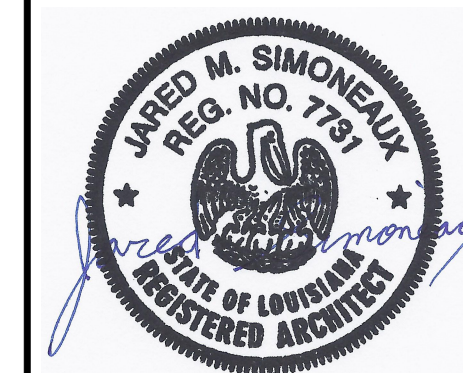
1. ALL CEILING HEIGHTS INDICATED ARE APPROXIMATE. ACTUAL CEILING HEIGHT TO BE DETERMINED BY STRUCTURE ELEVATION AND CEILING ASSEMBLY THICKNESS. INDICATED HEIGHT IS MEASURED ABOVE FINISH FLOOR (AFF).
2. REFER TO SHEET A501 FOR WALL/PARTITION ASSEMBLY AND INFORMATION.
3. SEE SHEET E102 FOR LIGHT FIXTURE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

R C P L E G E N D

SYMBOL	SYMBOL	DESCRIPTION
	2'x4' SURFACE MOUNTED FLUORESCENT LIGHT FIXTURE	
	1'x4' SUSPENDED HIGH BAY LIGHT FIXTURES	
	SURFACE MOUNTED FLUORESCENT LIGHT FIXTURE STRIP	
	CEILING FAN	
	PENDANT LIGHT FIXTURE	
	RECESSED LIGHT FIXTURE	
	SURFACE MOUNTED LIGHT FIXTURE	
	EXHAUST FAN	
	HVAC SUPPLY AIR DIFFUSER	
	HVAC RETURN AIR GRILL	
	GYPSUM BOARD CEILING	
	METAL LINER PANEL CEILING	
	METAL SOFFIT PANEL	

GENERAL ROOF NOTES

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

[illegible]

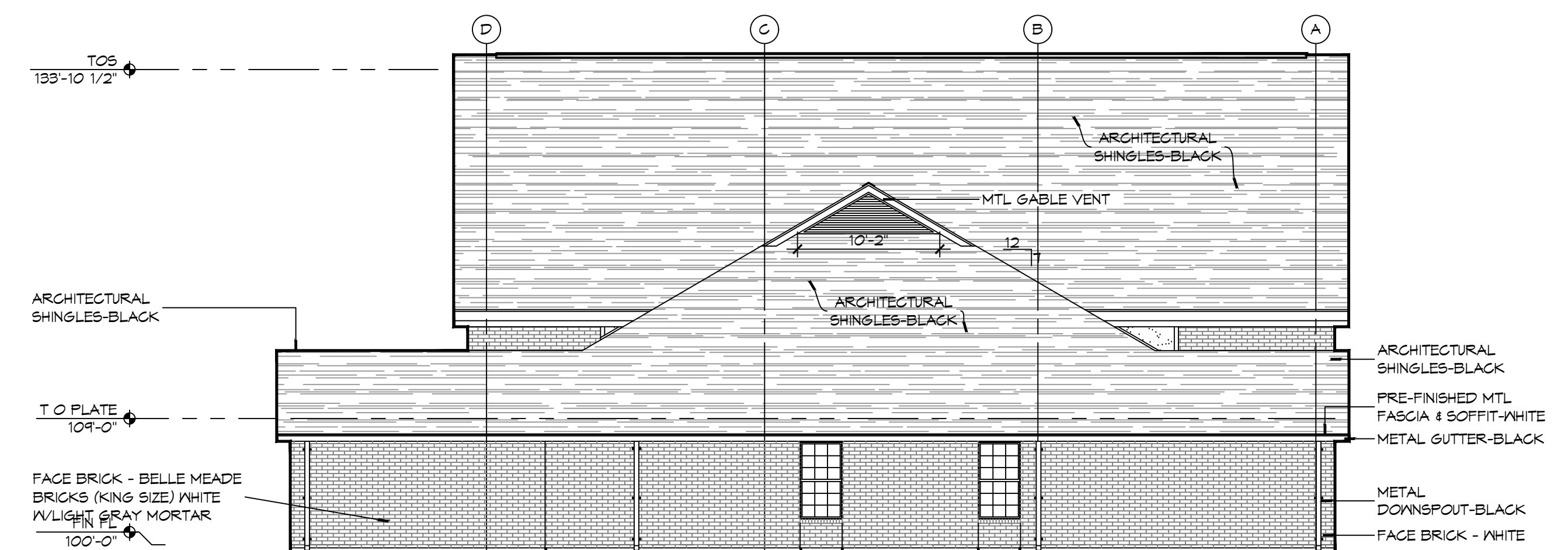
NEW FIRE STATION #10
ST. TAMMANY FIRE PROTECTION
DISTRICT No. 1

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

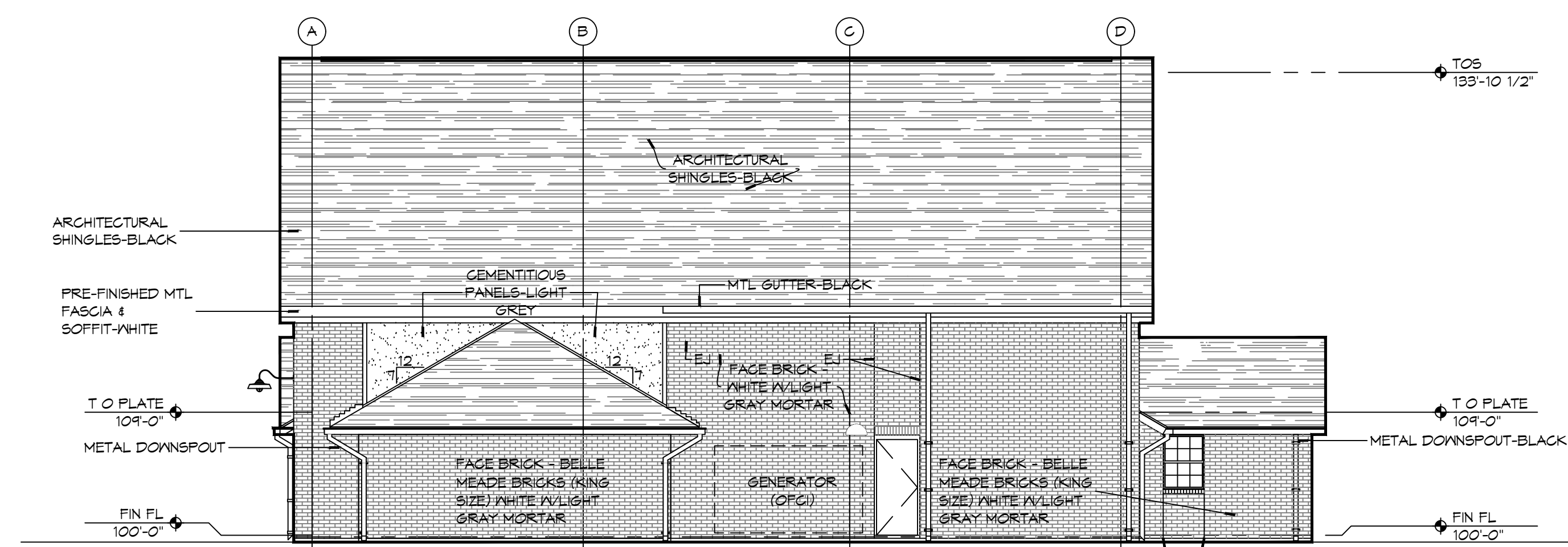
DRAWING NUMBER:

A102

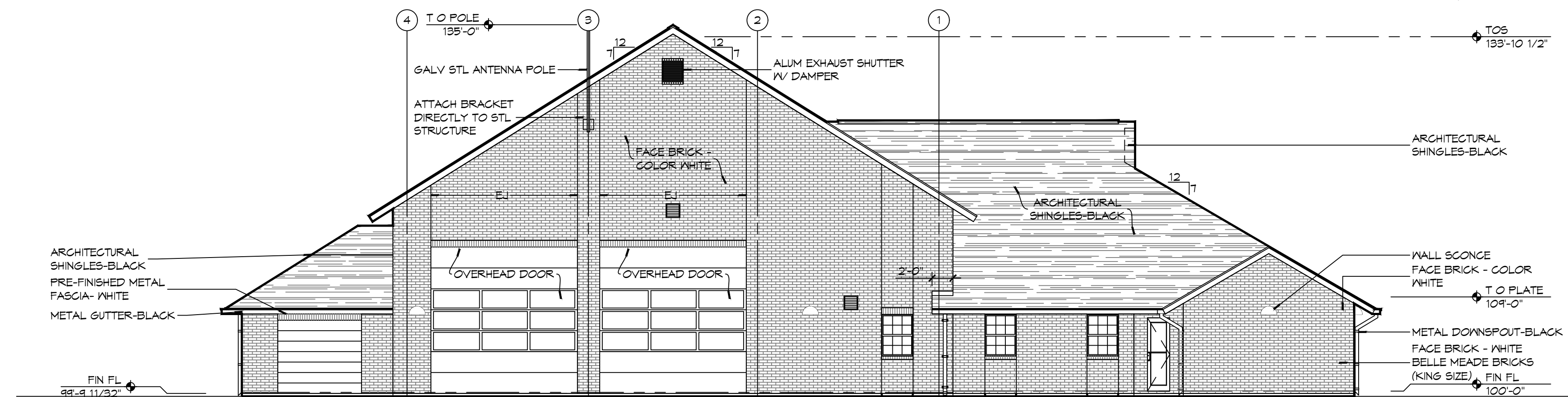
SHEET No: 19 of 3



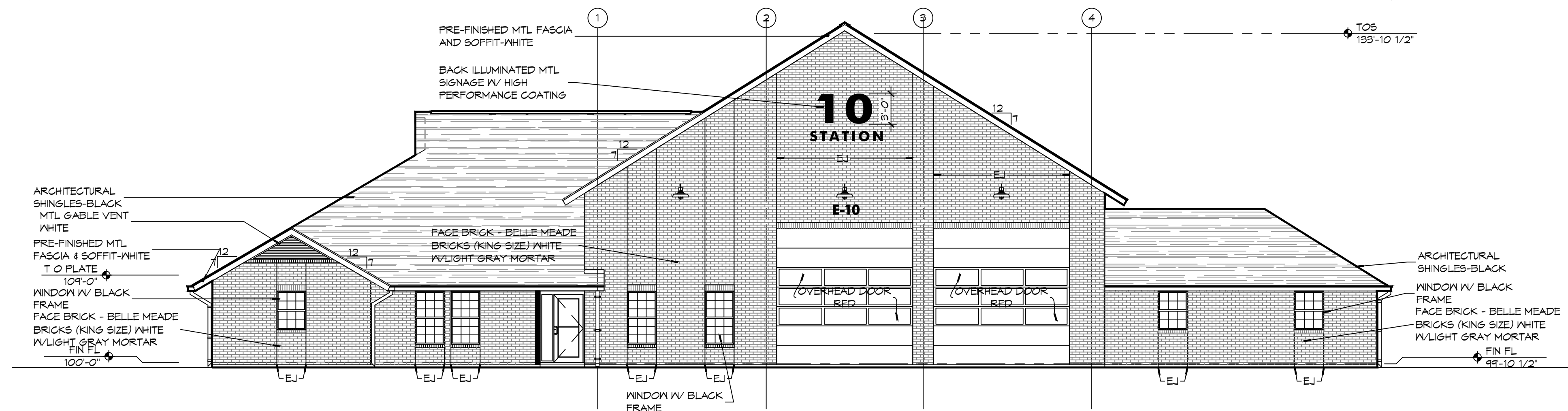
4 EXTERIOR ELEVATION LEFT SIDE



3 EXTERIOR ELEVATION RIGHT SIDE



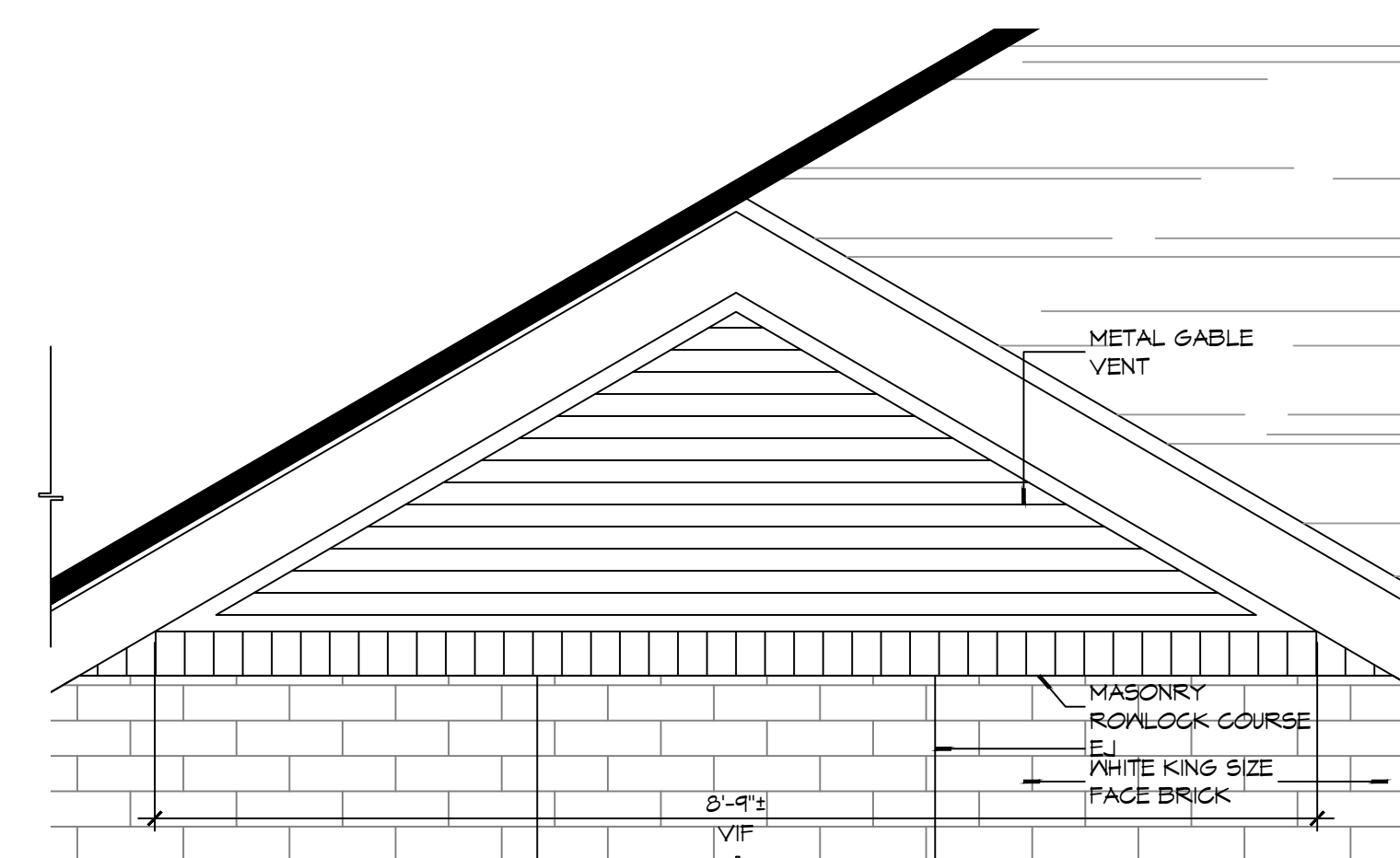
2 EXTERIOR ELEVATION REAR SIDE



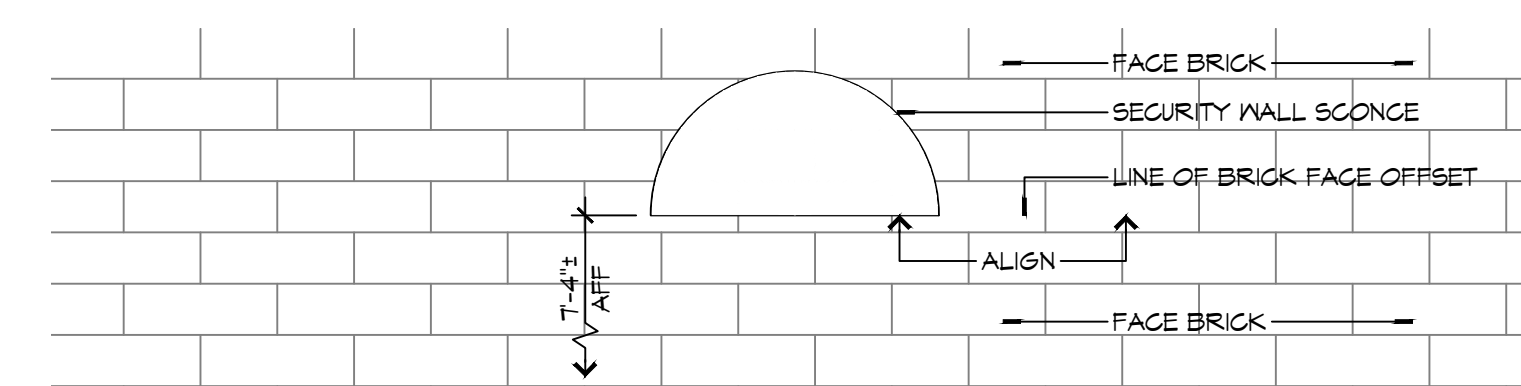
1 EXTERIOR ELEVATION FRONT SIDE
SCALE: 1/8" = 1'-0"

- ## GENERAL ELEVATION NOTES

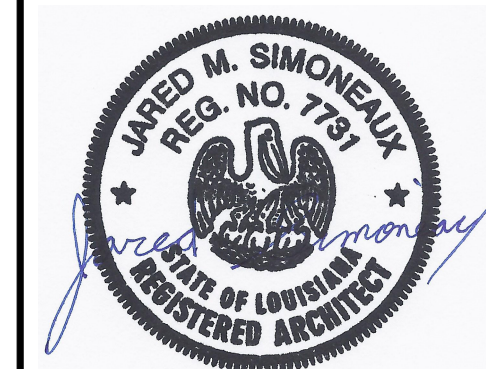
1. REFER TO SHEET A101 FOR WINDOW TYPE ELEVATIONS.
2. WINDOW TYPES NOT INDICATED THIS SHEET ARE IDENTIFIED ON SHEET A501.
3. CONTRACTOR SHALL REVIEW LOCATIONS AND INTENT OF ALL MASONRY EXPANSION/CONTROL JOINTS WITH ARCHITECT PRIOR TO CONSTRUCTION. REFER TO ELEVATIONS FOR INDICATED JOINT LOCATIONS. LAWN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



6 DETAIL ELEVATION



5 DETAIL ELEVATION

[illegible]

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

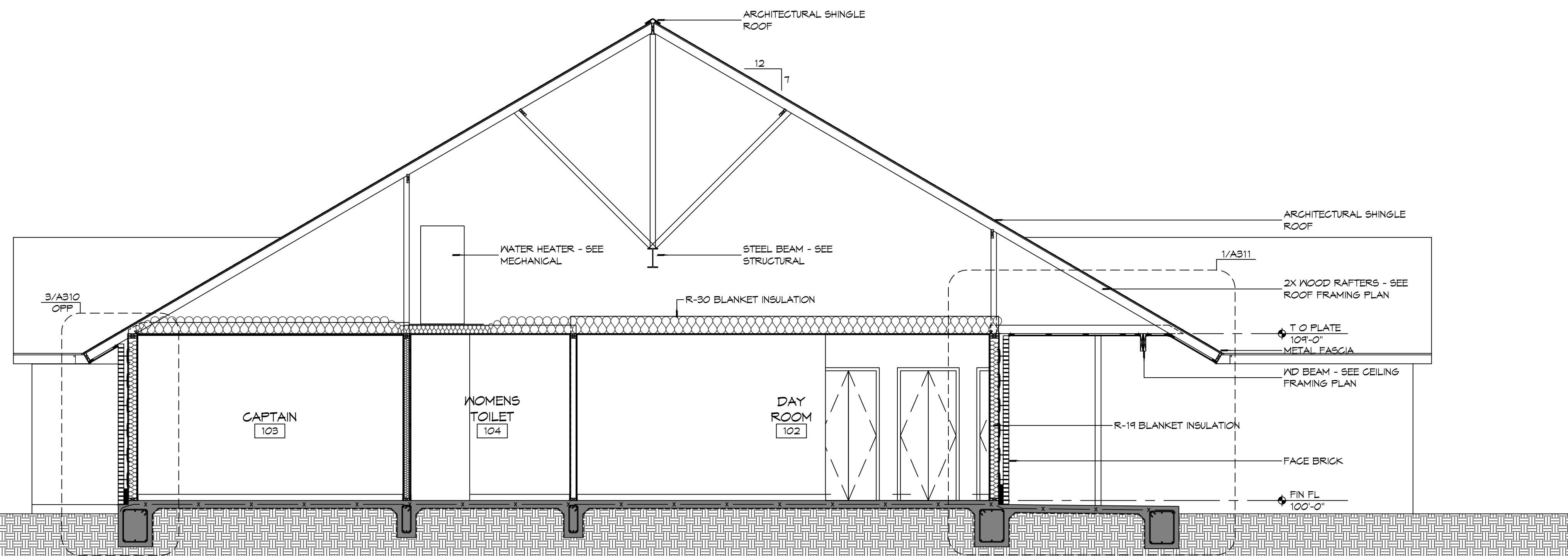
2745 LAKESHORE VISTA BLVD
SLIDELL, LA 70461

JOB No:	2519	DATE:	12-03-2025
DRAWN BY:	CKD	CHECKED BY:	JMS

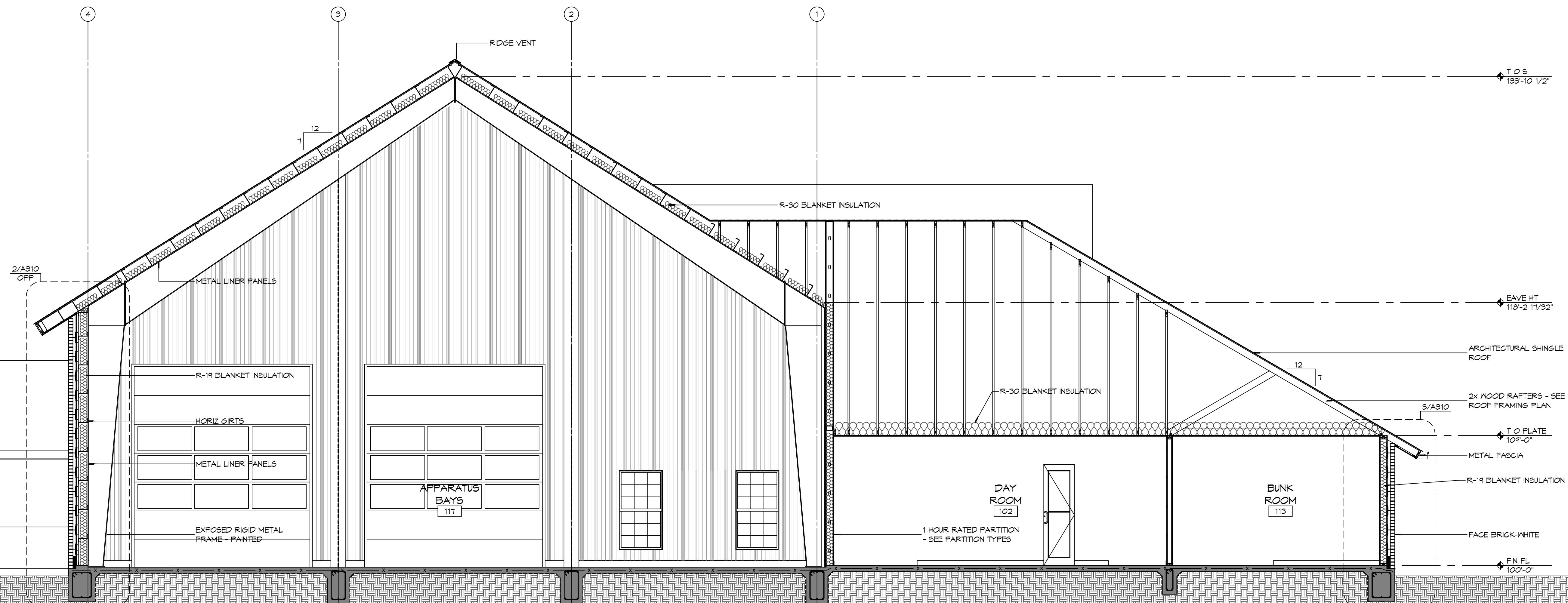
SHEET TITLE:
BUILDING ELEVATIONS

DRAWING NUMBER:

A201



2 BUILDING SECTION



1 BUILDING SECTION

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[illegible]

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

2745 LAKESHORE VISTA BLVD

SLIDELL, LA 70461	008 No:	2514	DATE:	12-03-2025	The above drawings and specifications, designs and arrangements represented hereby and shall remain the property of JMS Engineering, and as such they shall not be copied or reproduced in any form without the written consent of JMS Engineering. This contract is for the project in which the above drawings and specifications were prepared and shall not be used for any other project without the written consent of JMS Engineering. Your contract with this drawing or specifications and continue to be valid.
	DRAWN BY:	CKD	CHECKED BY:	JMS	

SHEET TITLE:
BUILDING SECTIONS

DRAWING NUMBER:

A301

SHEET No: 21 of 37

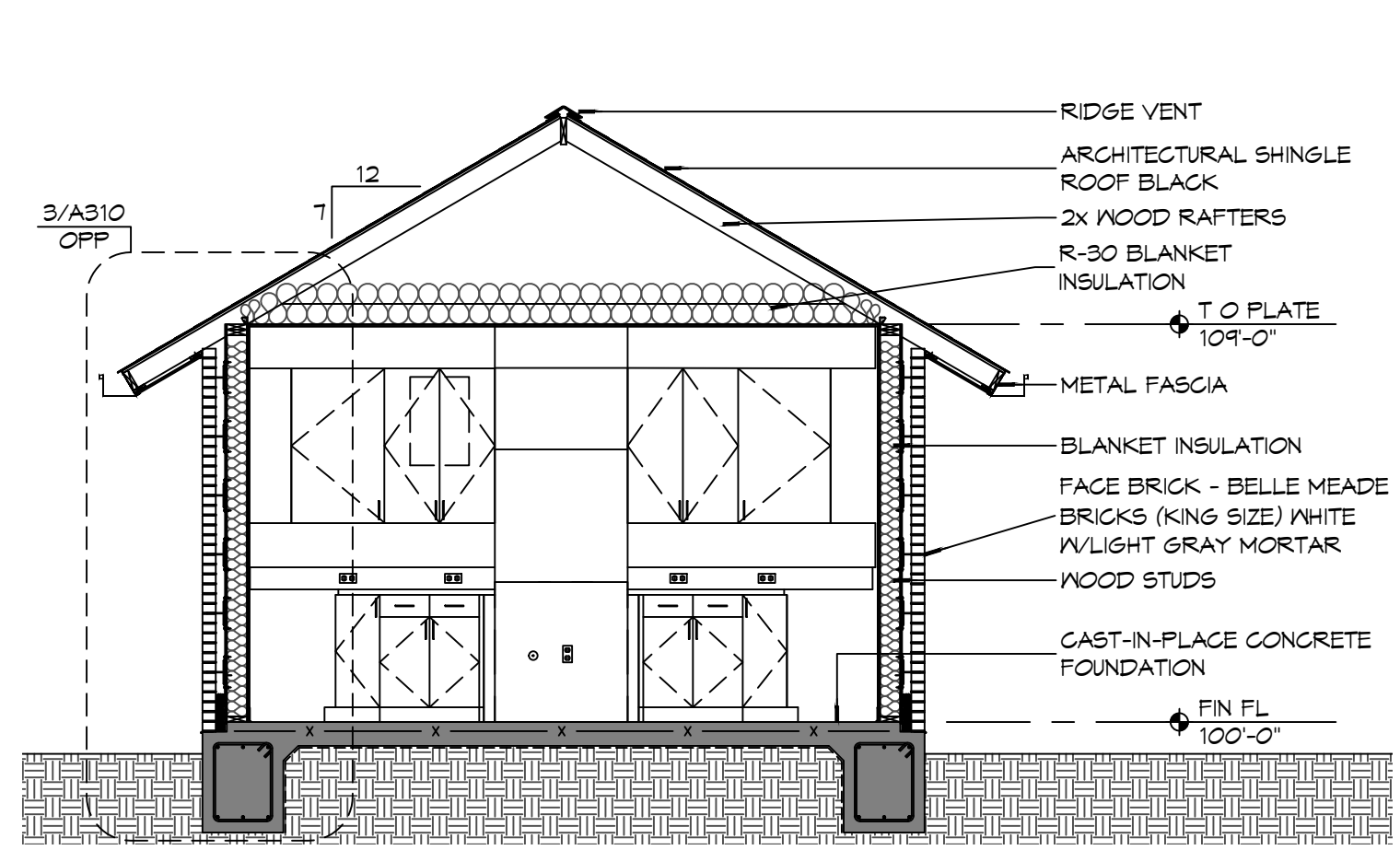
1. COORDINATE ATTIC ACCESS PANEL LOCATION WITH MEZZANINE HVAC EQUIPMENT AND DUCTWORK.
2. COORDINATE ATTIC ACCESS PANEL DIMENSIONS WITH LARGEST EQUIPMENT COMPONENT LOCATED IN ATTIC SPACE IT SERVES.

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[illegible]

2745 LAKESHORE VISTA BLVD SLIDELL, LA 70461	
JOB No: 2519	DATE: 12-03-2025
DRAWN BY: CKD	CHECKED BY: JMS

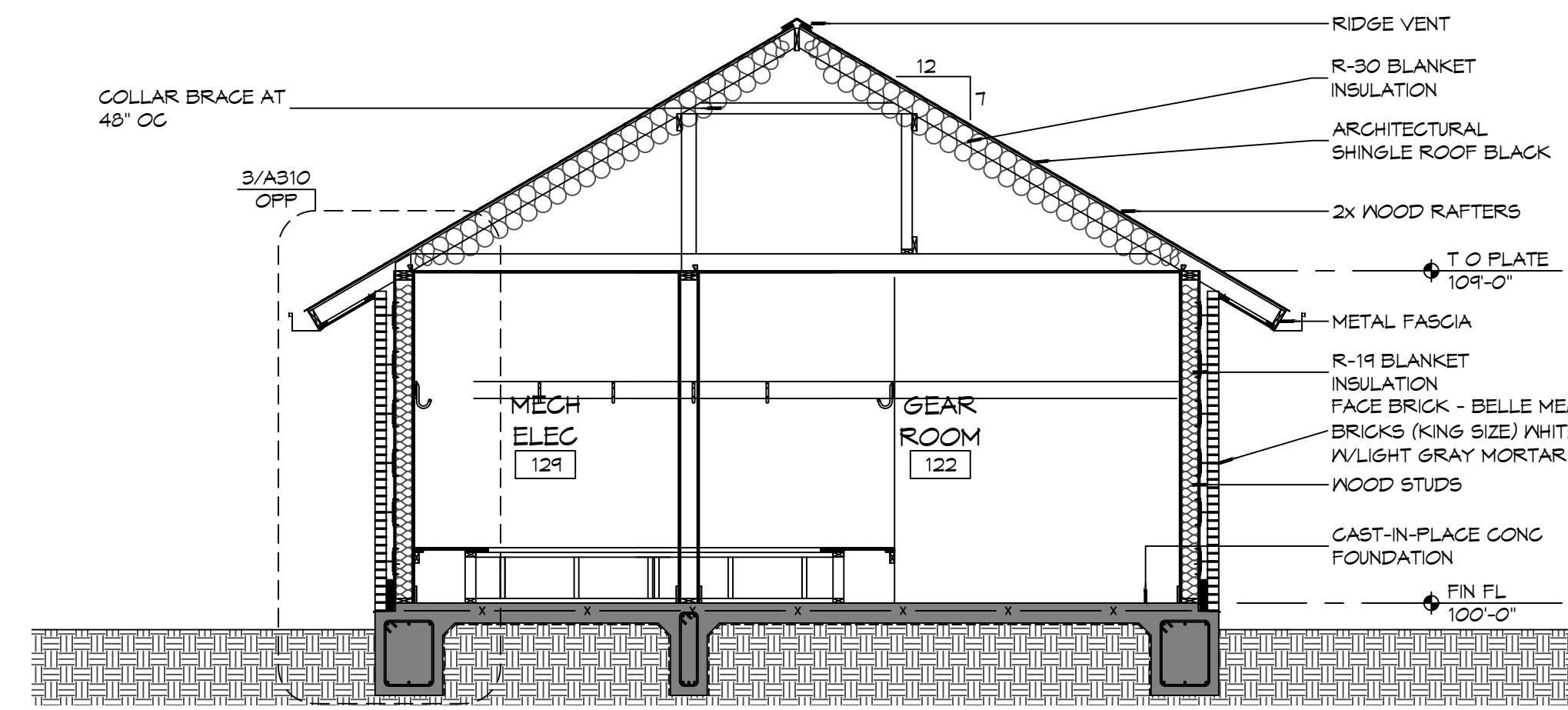
SHEET No: 22 of 37



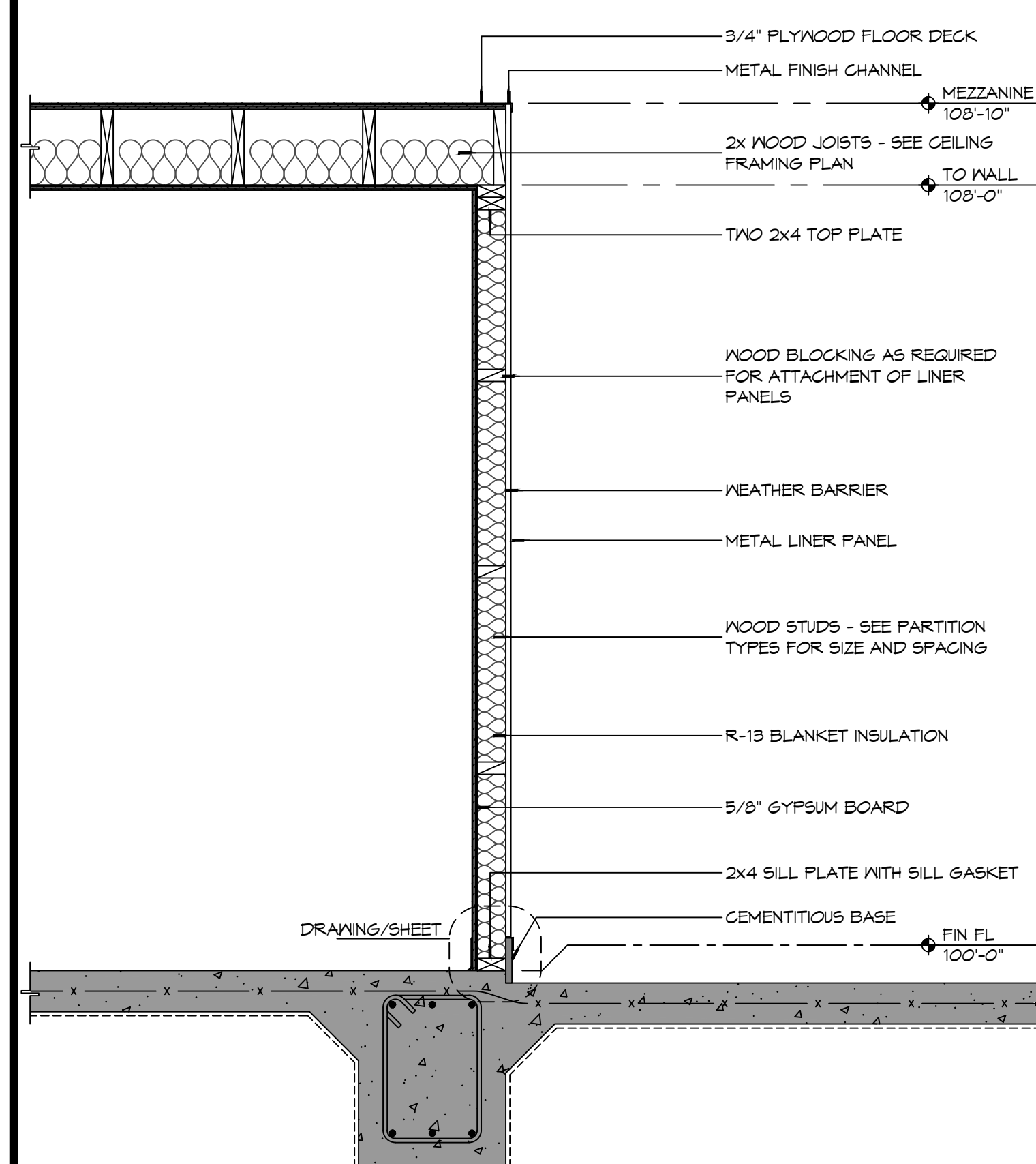
4 BUILDING SECTION

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

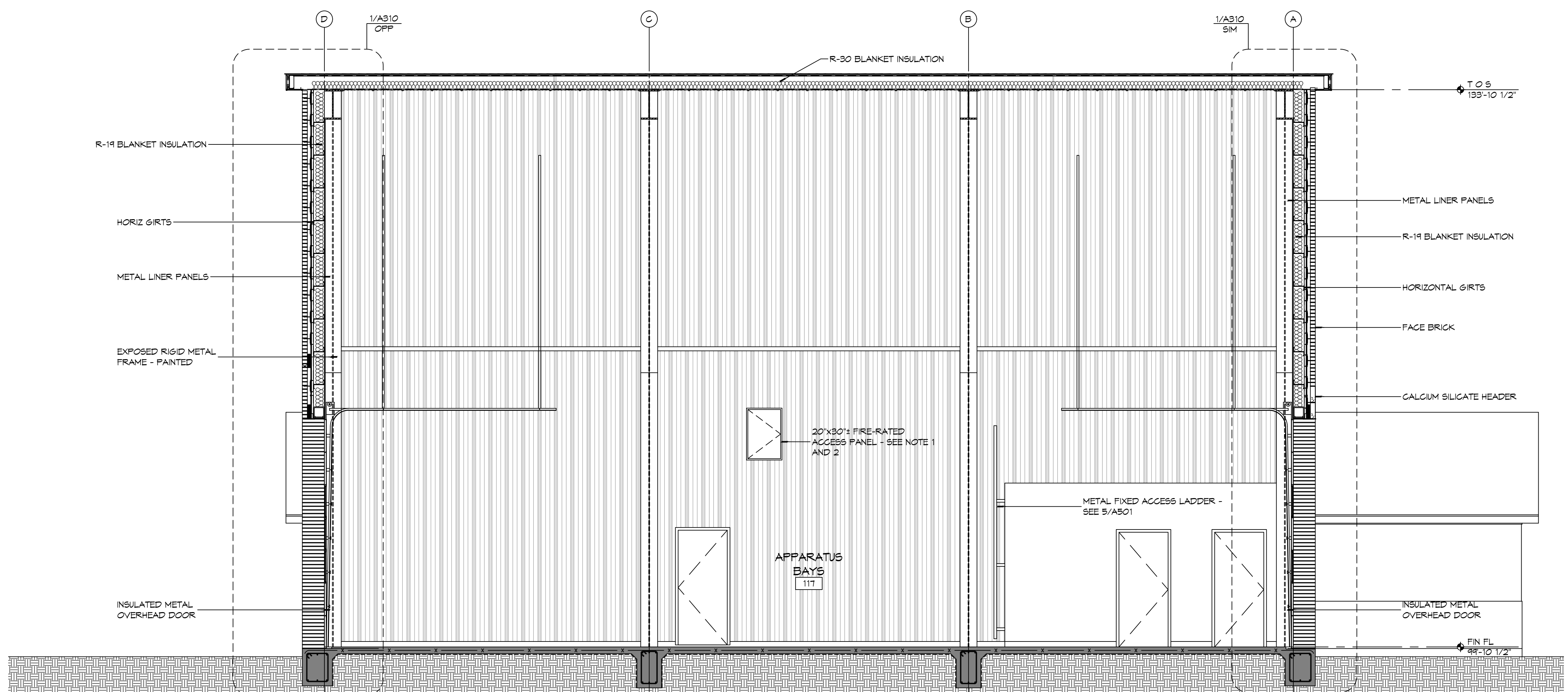
KITCHEN



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

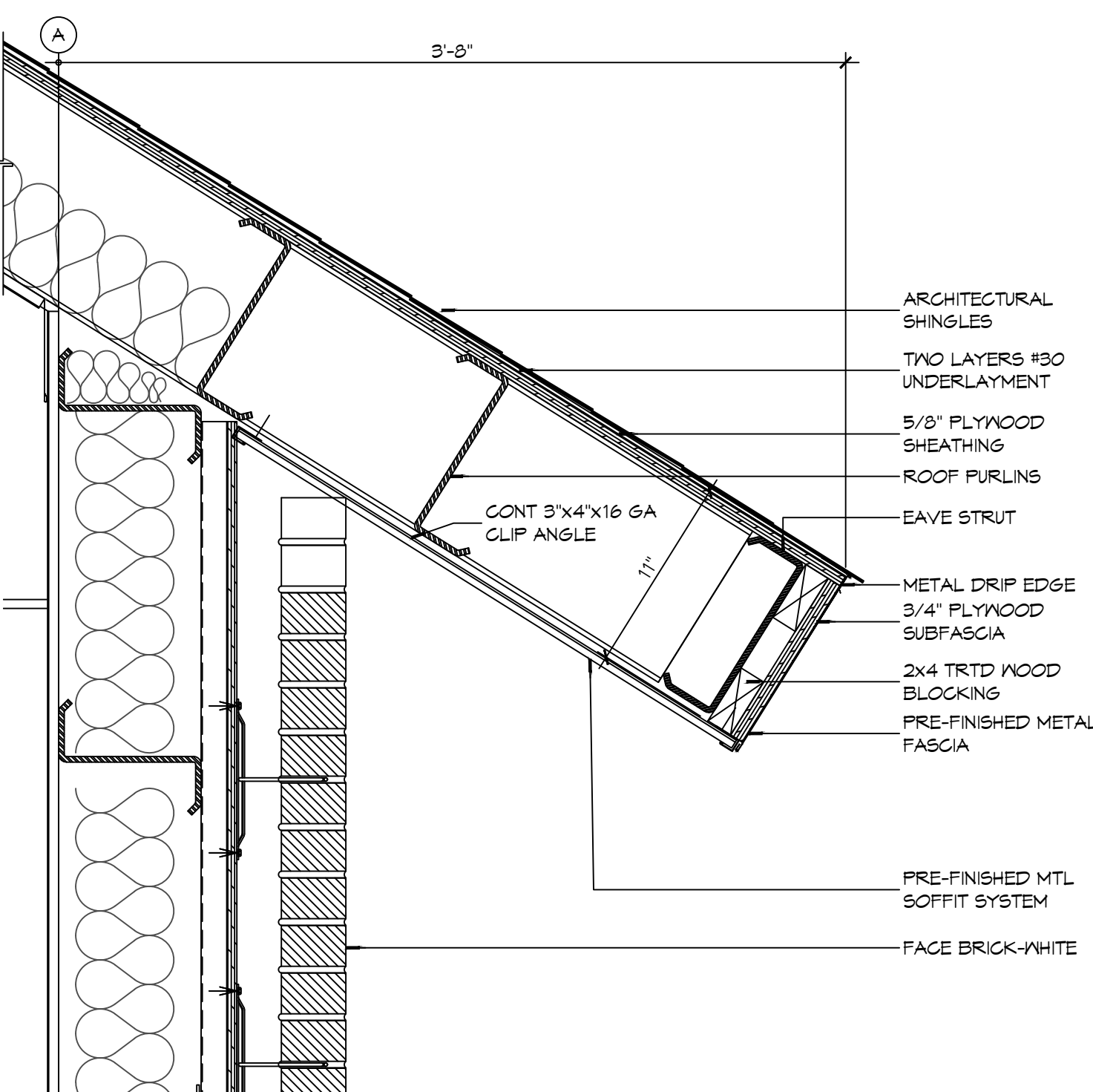


2 WALL SECTION



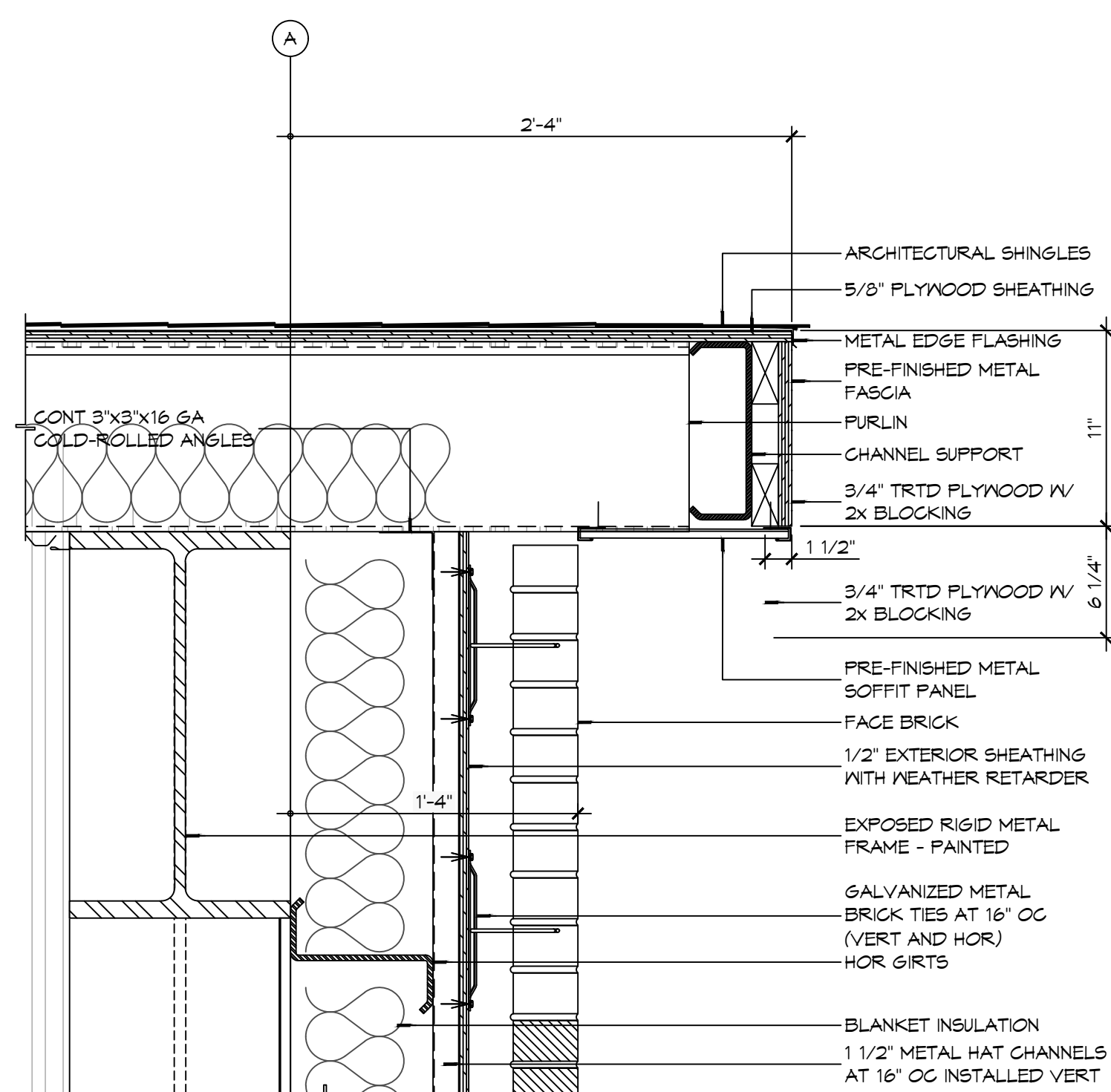
1 BUILDING SECTION
SCALE: 1/4" = 1'-0"

APPARATUS BAY



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

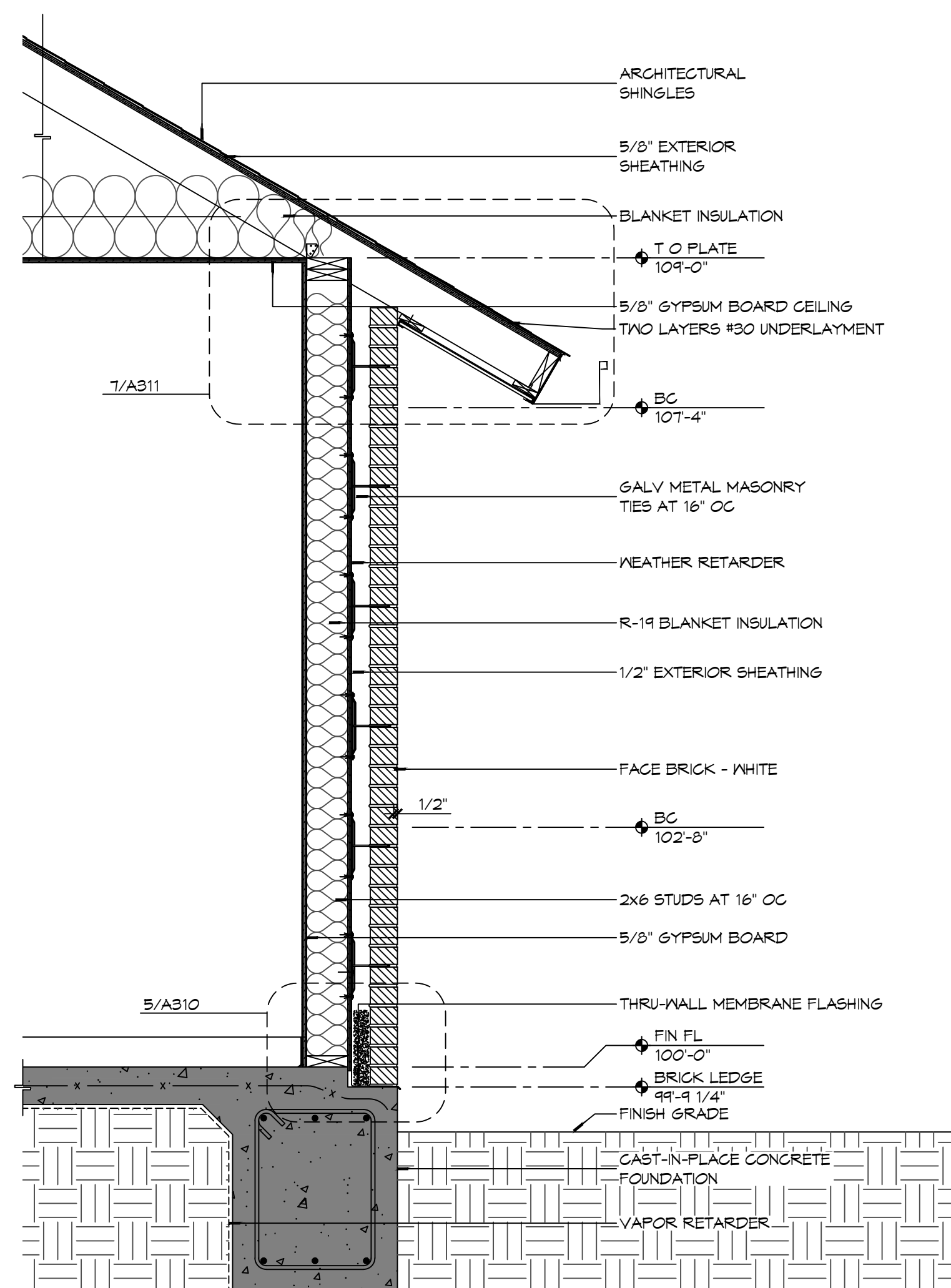
APPARATUS BAY FAVE



5 DETAIL

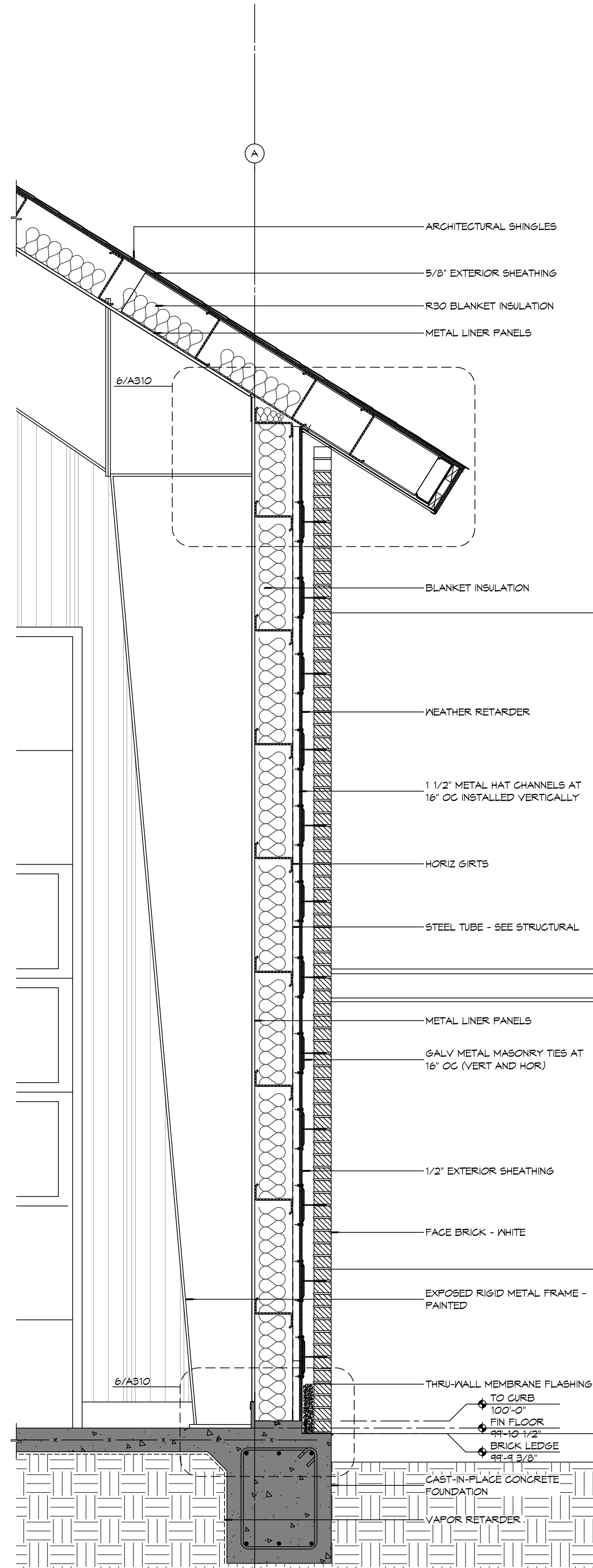
APPARATUS BAY ROOF RAKE

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



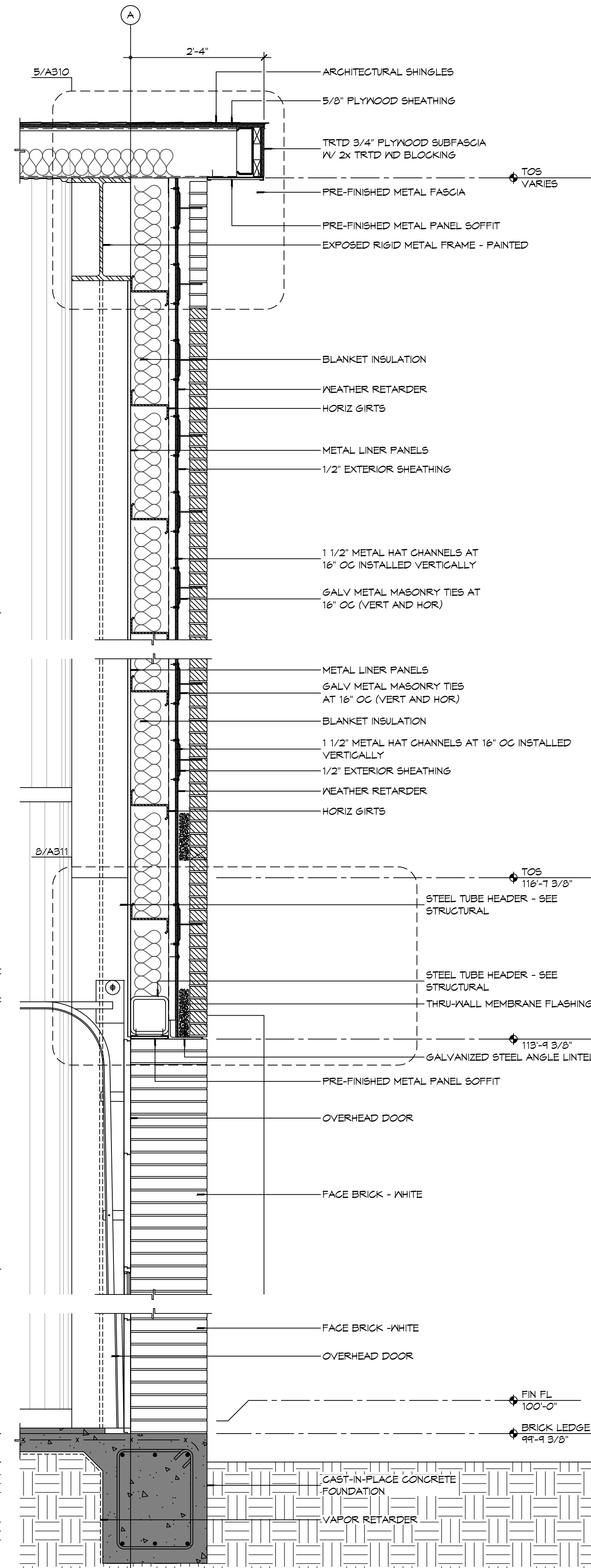
3 WALL SECTION

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



2 WALL SECTION

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

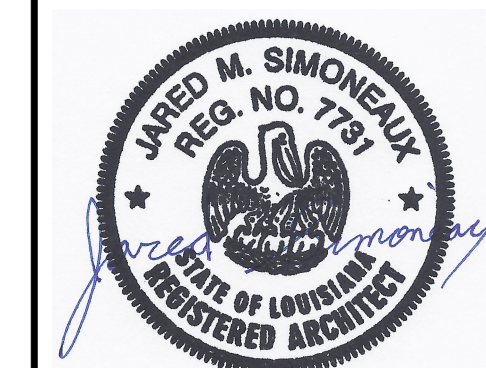


1 WALL SECTION

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

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[illegible]

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

2745 LAKESHORE VISTA BLVD

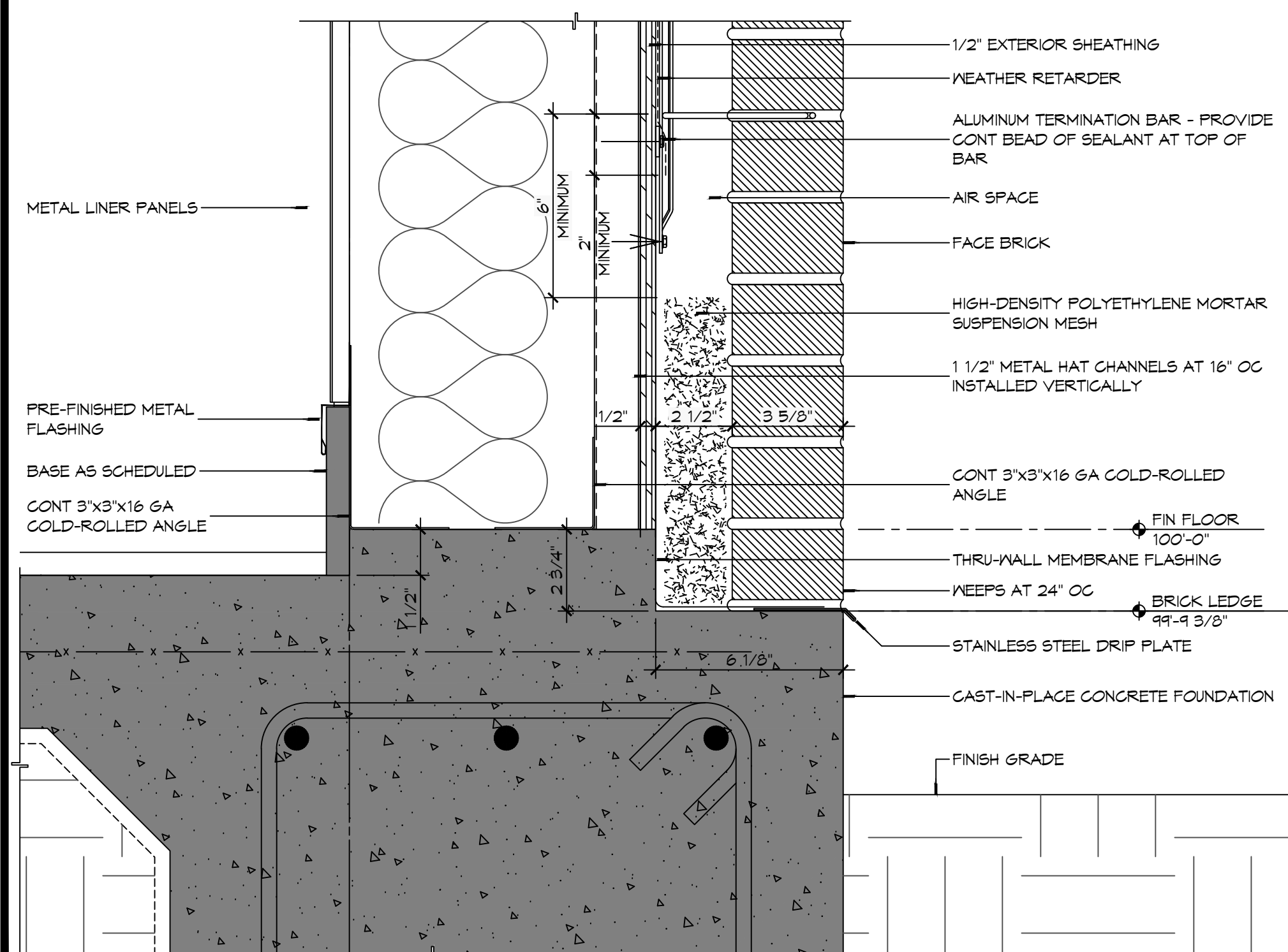
SLIDELL, LA 70461	DOB No:	2519	DATE:	12-03-2025	The above drawings and specifications, designs and arrangements represented hereby are the property of the undersigned and shall remain the property of Daewoo Engineering, and no part thereof shall be copied, reproduced, or used in connection with any work or project other than the specific project for which they have been prepared and developed without written consent of the undersigned.
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SHEET TITLE:
BUILDING SECTIONS

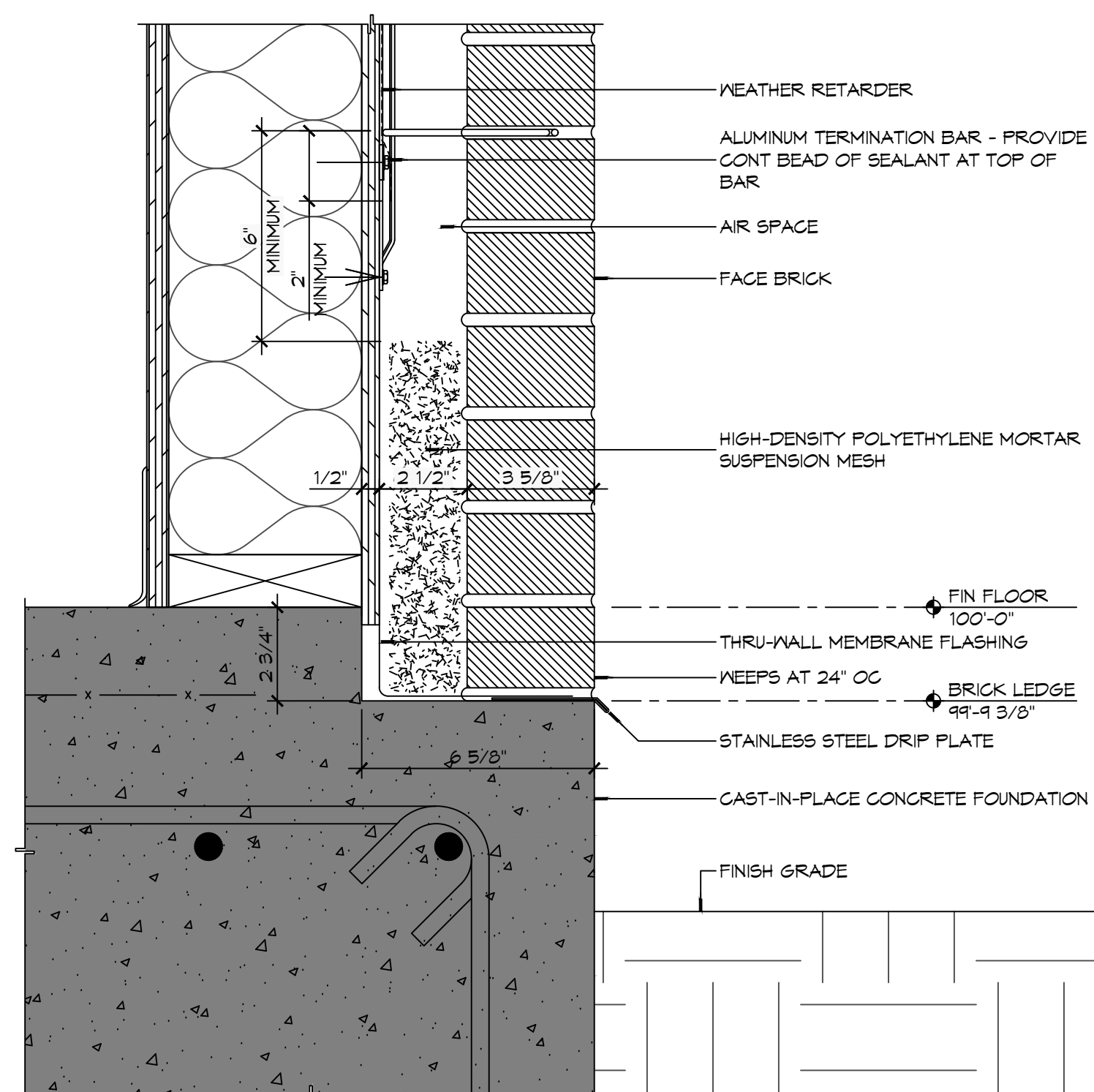
DRAWING NUMBER

A310

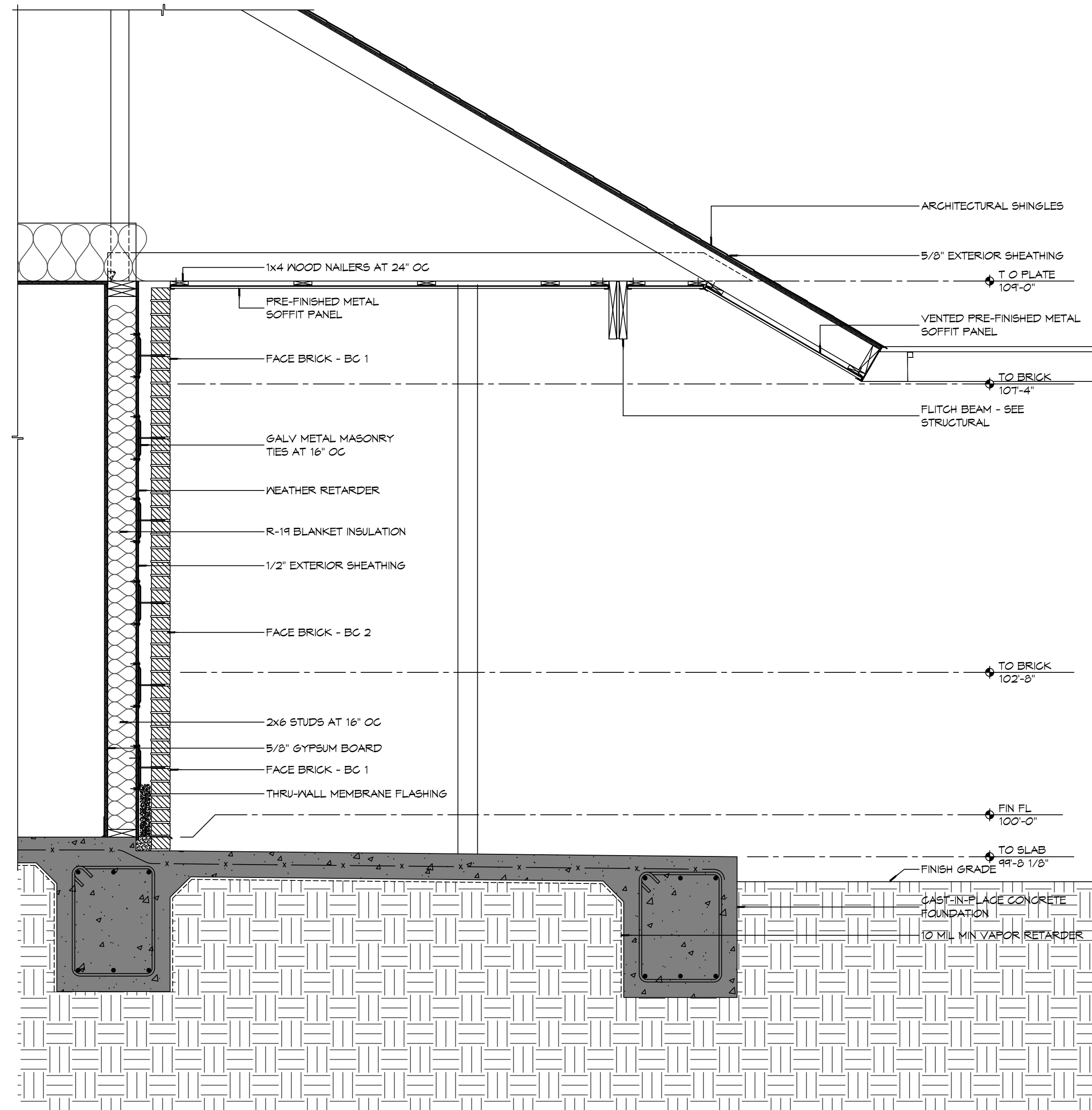
TYPICAL EAVE OVERHANG



TYPICAL MASONRY BASE FLASHING AT METAL BUILDING



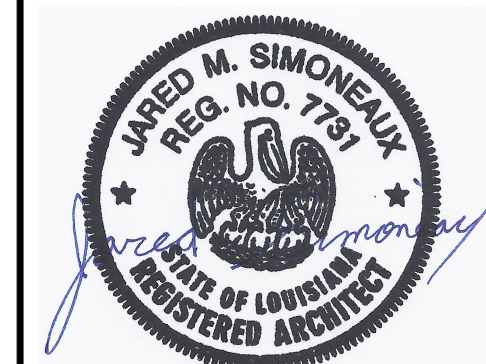
TYPICAL MASONRY BASE FLASHING



FINISH GRADE 99-8 1/8"

CAST-IN-PLACE CONCRETE FOUNDATION

10 MIL MIN VAPOR RETARDER

[illegible]

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

2745 LAKESHORE VISTA BLVD

JOB No:	2519	DATE:	12-03-2025
DRAWN BY:	CKD	CHECKED BY:	JMS

SHEET TITLE:
WALL SECTIONS AND
DETAILS

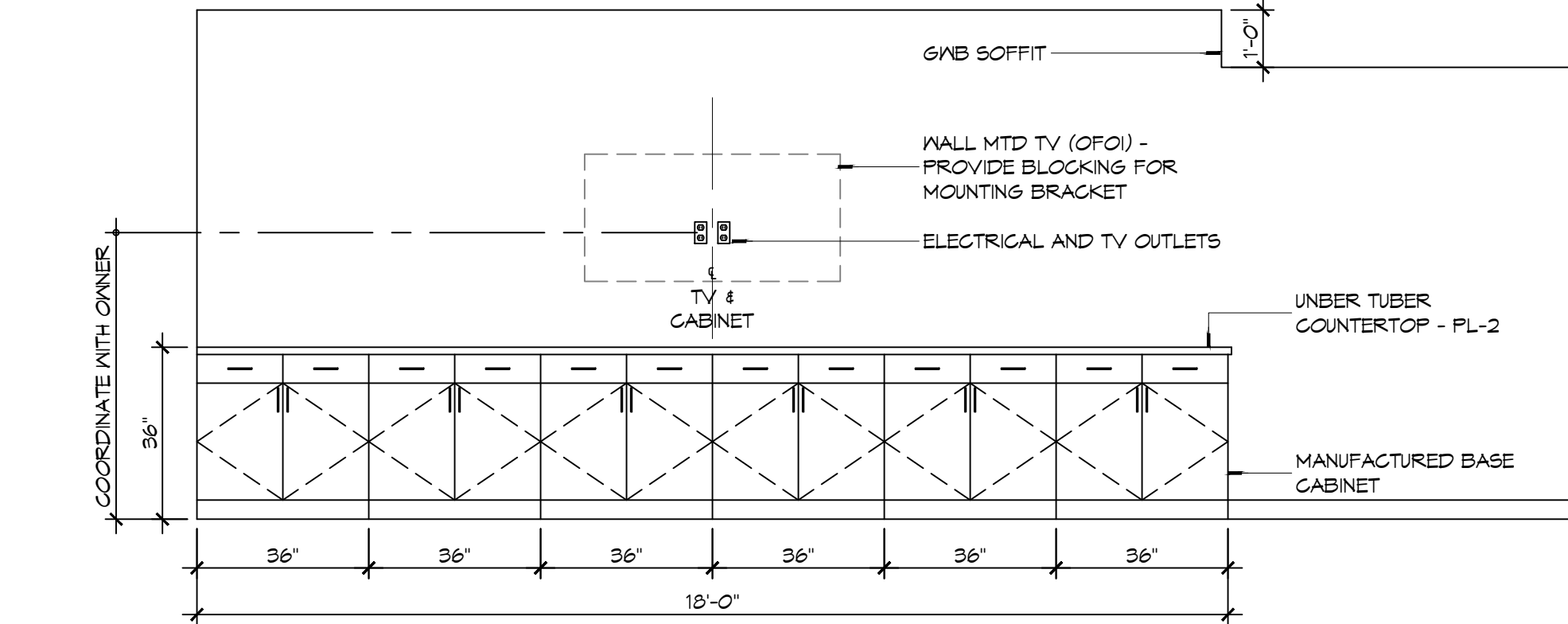
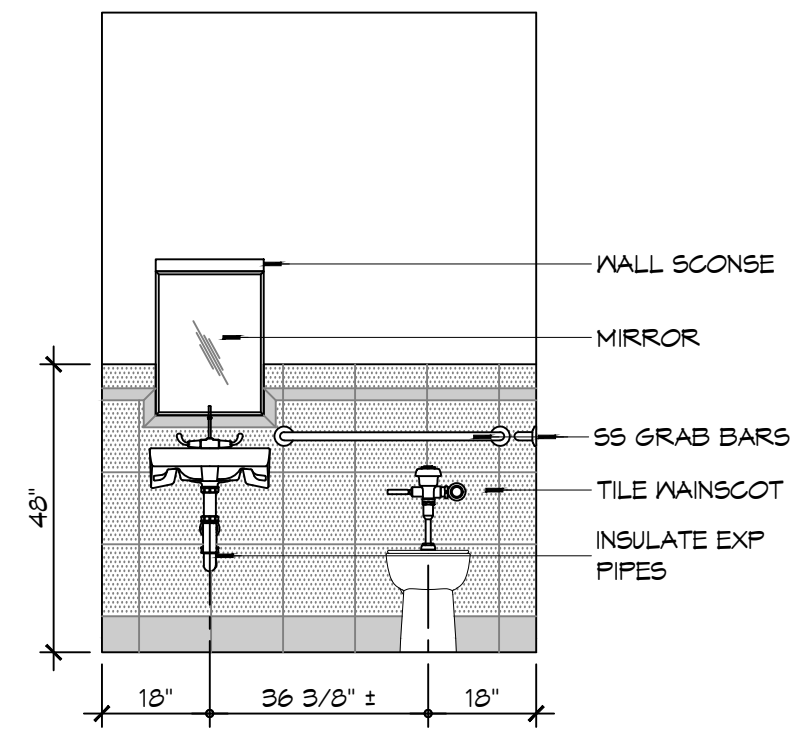
DRAWING NUMBER

A311

SHEET No: 24 of 37

DAMMON
ENGINEERING, INC.

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

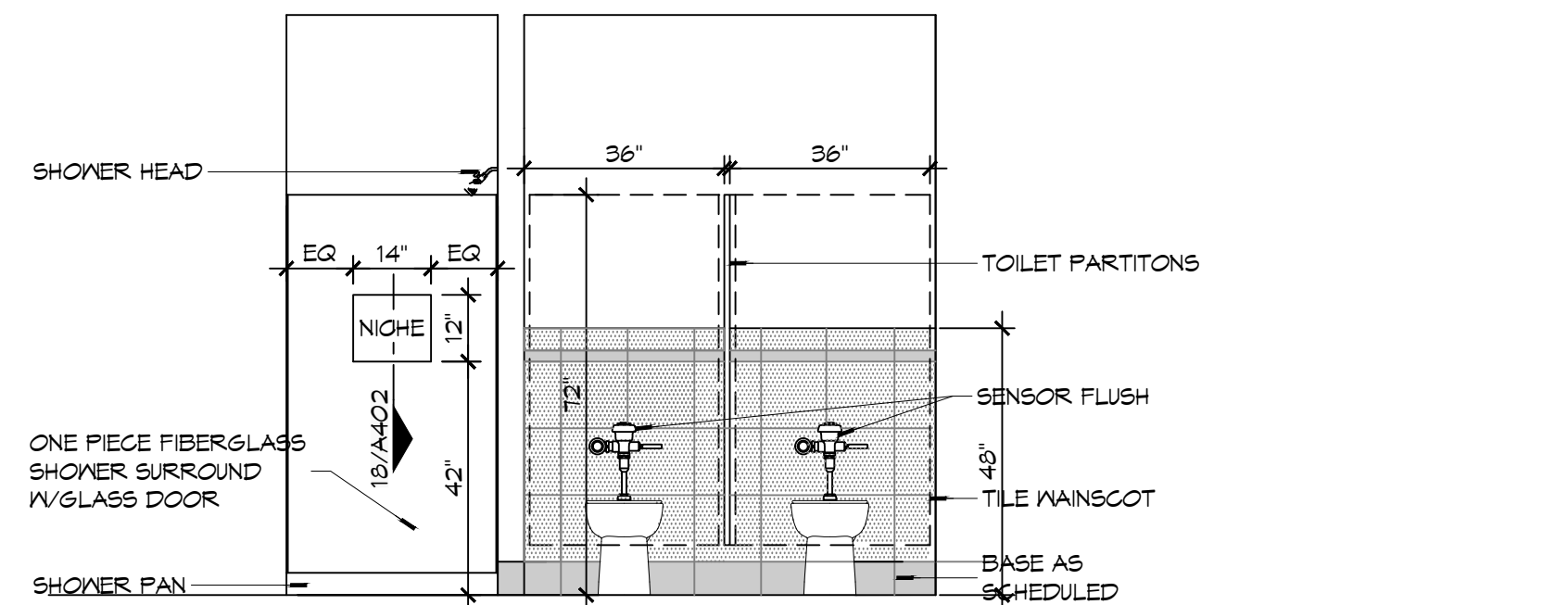


- # INTERIOR ELEVATION NOTES
-
1. REFER TO SHEET 6003 FOR TYPICAL MOUNTING HEIGHTS AND FLOOR CLEARANCE REQUIREMENTS WHERE NOT SHOWN ON THIS SHEET.
 2. NOT USED
 3. PROVIDE 1/8" EASED EDGES AT ALL EXPOSED GRANITE COUNTERTOP AND BACKSPLASH EDGES UNLESS OTHERWISE NOTED.
 4. BLOCKING FOR CABINETS IS NOT SHOWN ON THESE DRAWINGS. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND COORDINATING MALL BLOCKING FOR CABINETRY. WHERE WOOD BLOCKING IS PROHIBITED BY CODE PROVIDE GALVANIZED SHEET BLOCKING.
 5. PROVIDE 1/8" CEMENTITIOUS BACKERBOARD BEHIND ALL CERAMIC MALL TILE INSTALLATIONS. WHERE CERAMIC MALL TILE IS APPLIED TO A RATED MALL ASSEMBLY USE TYPE "X" MOISTURE RESISTANT GNB.
 6. PROVIDE FULL FINISHED END PANELS ON ALL EXPOSED CASEWORK.
 7. PROVIDE FILLER PANEL WHERE CASEWORK MEETS MALL. SCRIBE AS NECESSARY TO ACHIEVE TIGHT FIT TO FINISH SURFACE.
 8. FIELD VERIFY (V/F) ALL DIMENSIONS PRIOR TO SHOP DRAWING SUBMITTAL.
 9. ELEC OUTLETS INSTALLED AT GRANITE BACK SPLASHES SHALL BE MOUNTED IN A HORIZONTAL ORIENTATION WITH SATIN STAINLESS STEEL PLATE.
 10. CLEARANCE REDUCTION SYSTEM SHALL COMPLY WITH NFPA 96.4.2.3.
 11. SEE SHEET M102 FOR EXHAUST HOOD INSTALLATION DETAILS.
 12. 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.

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

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

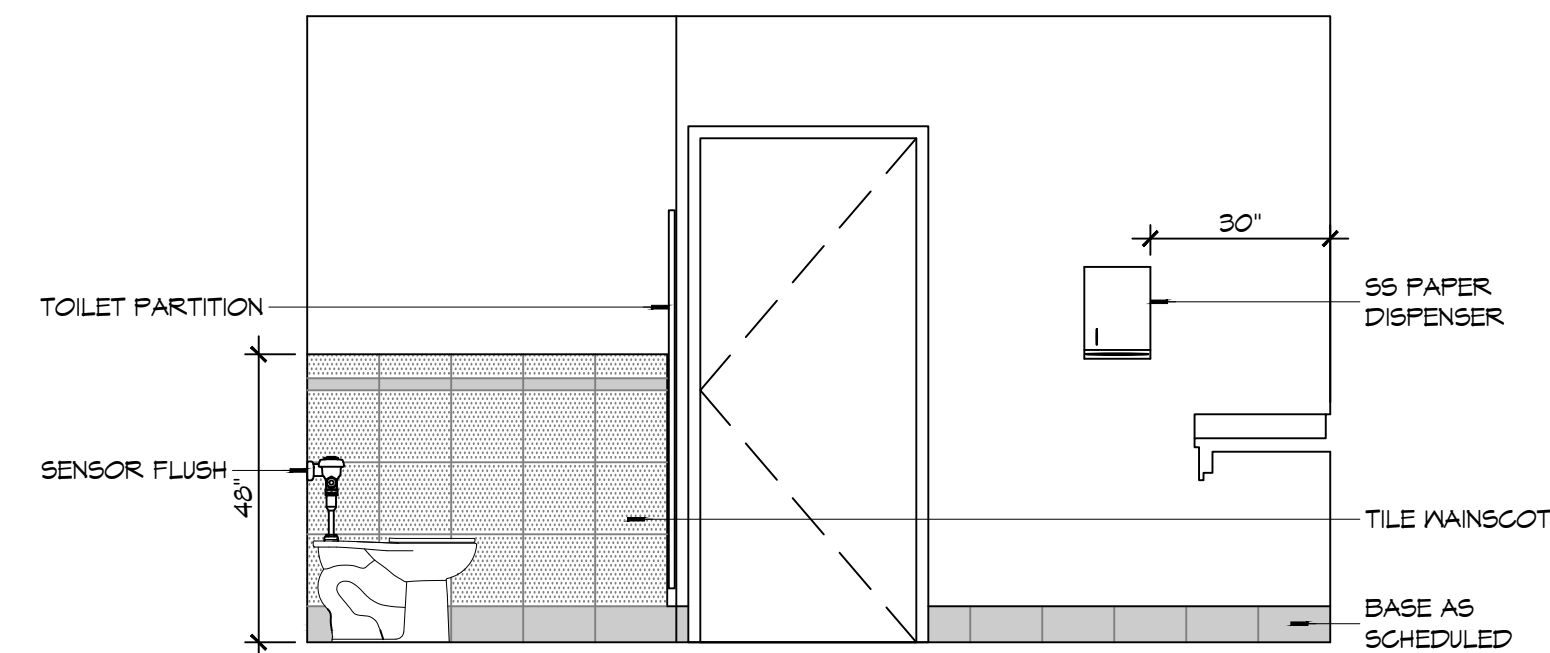
12 INTERIOR ELEVATION
SCALE: 3/8" = 1'-0" DAY ROOM - 102



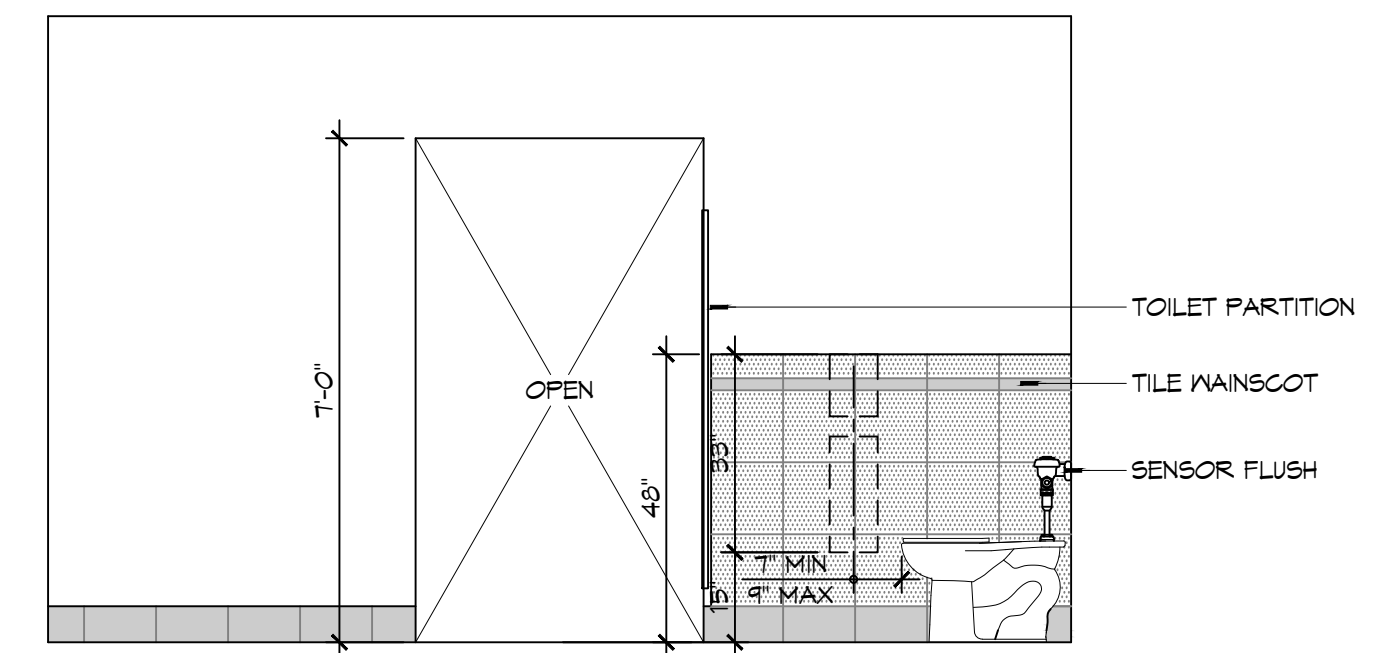
11 INTERIOR ELEV

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

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



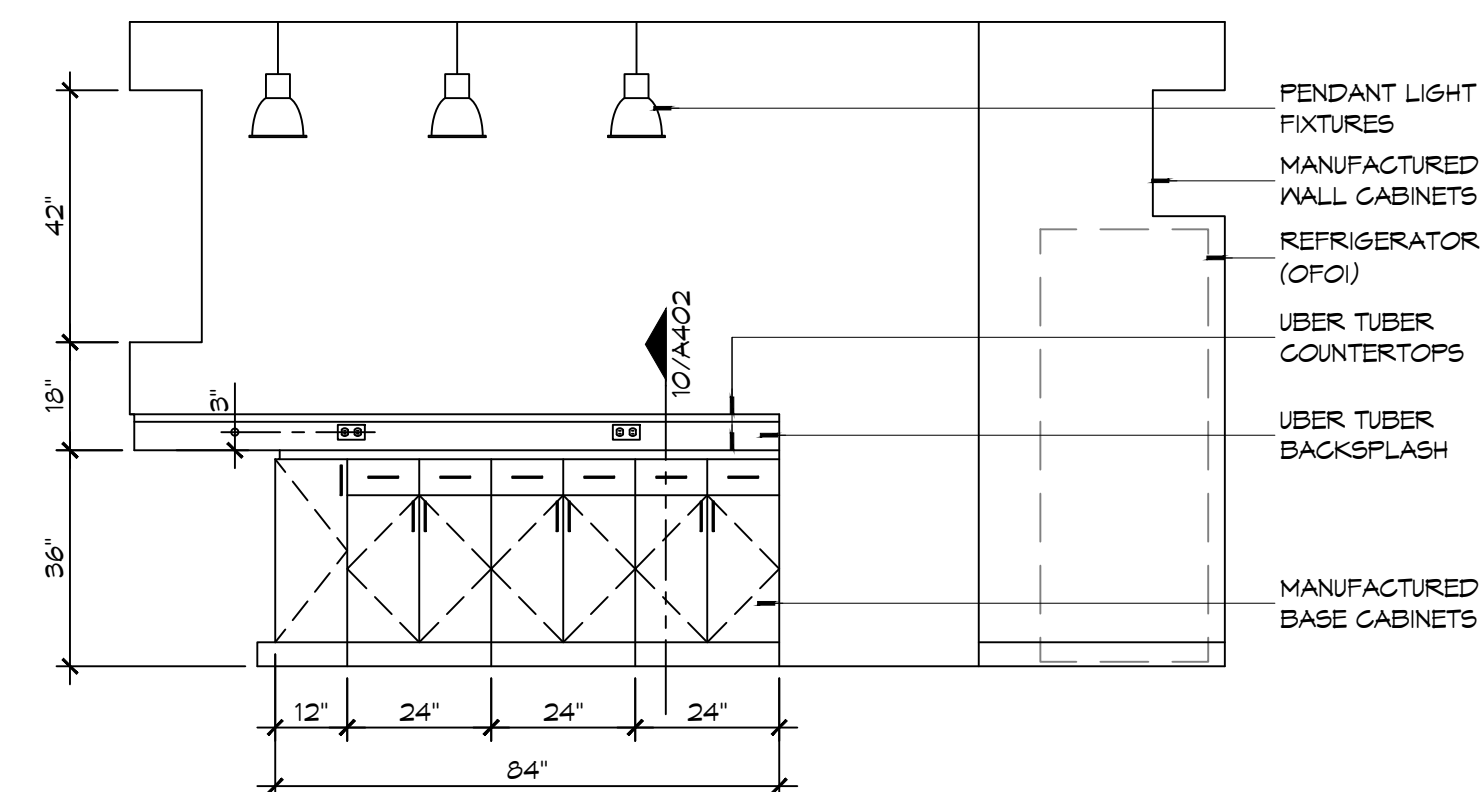
INTERIOR ELEVATION
SCALE: 3/8" = 1'-0" MENS TOILET - 114



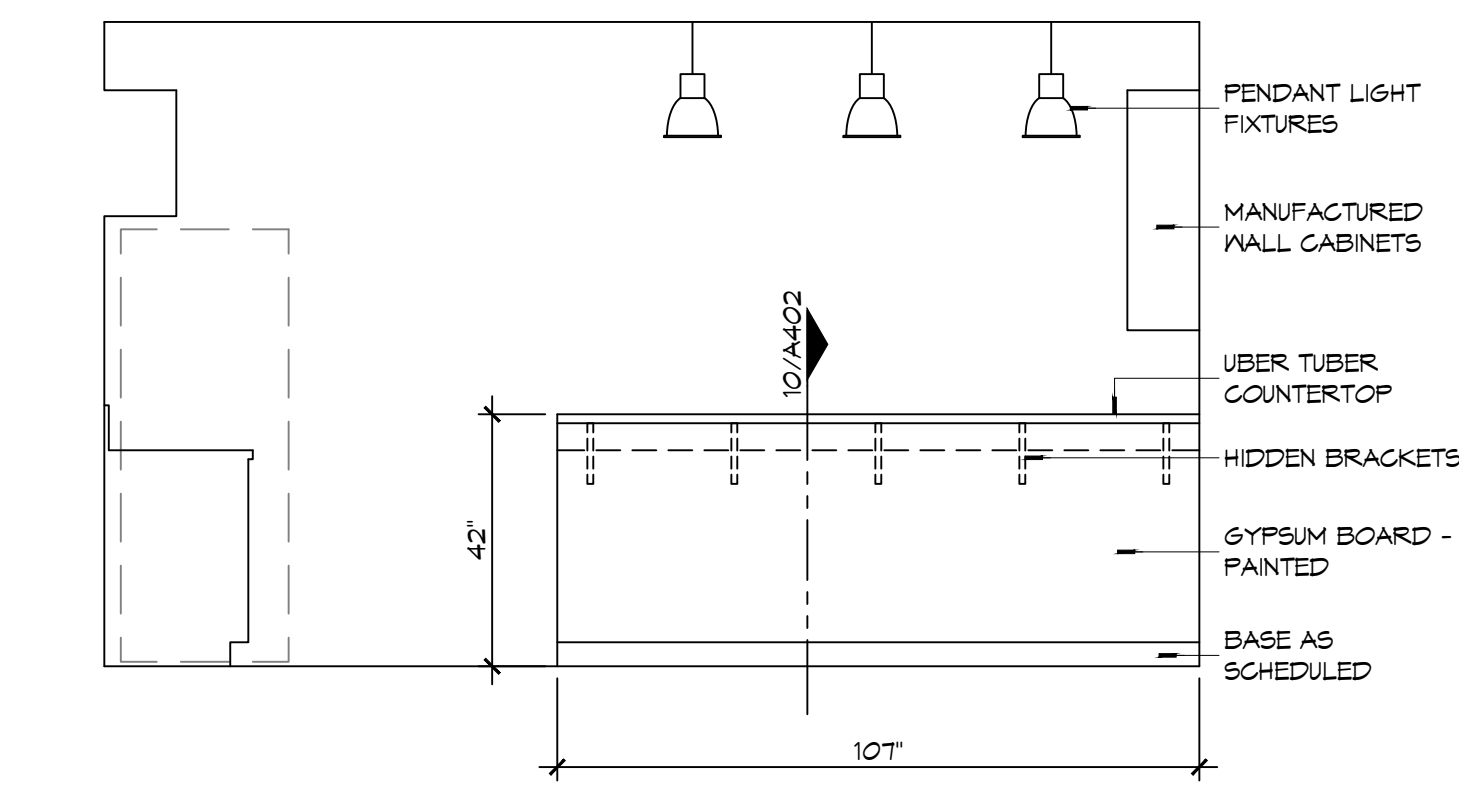
8 INTERIOR ELEVATION

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

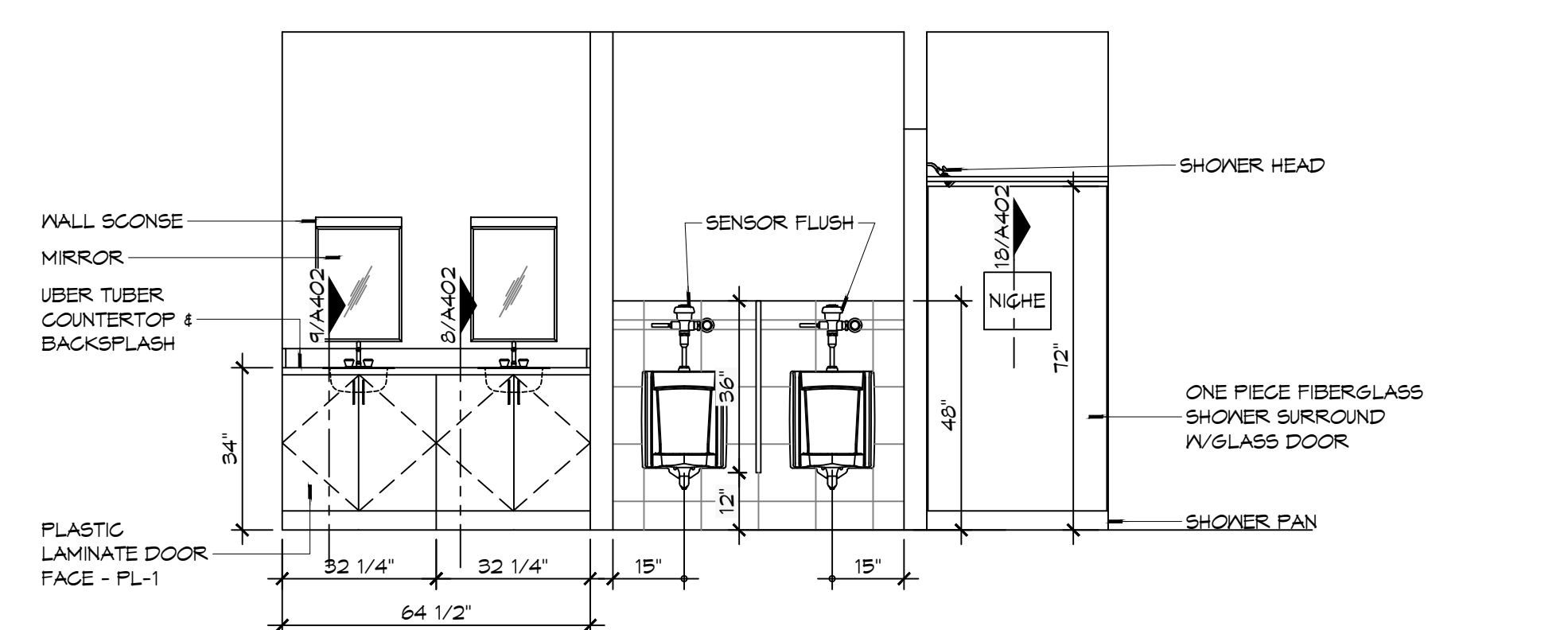
MENS TOILET - 114



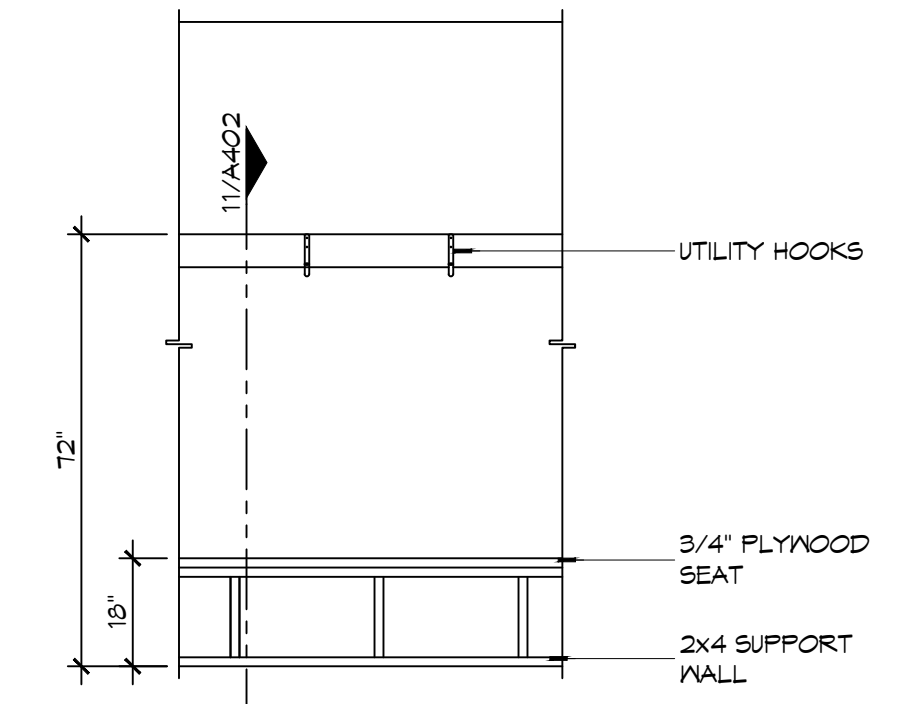
INTERIOR ELEVATION
SCALE: 3/8" = 1'-0" KITCHEN - 108



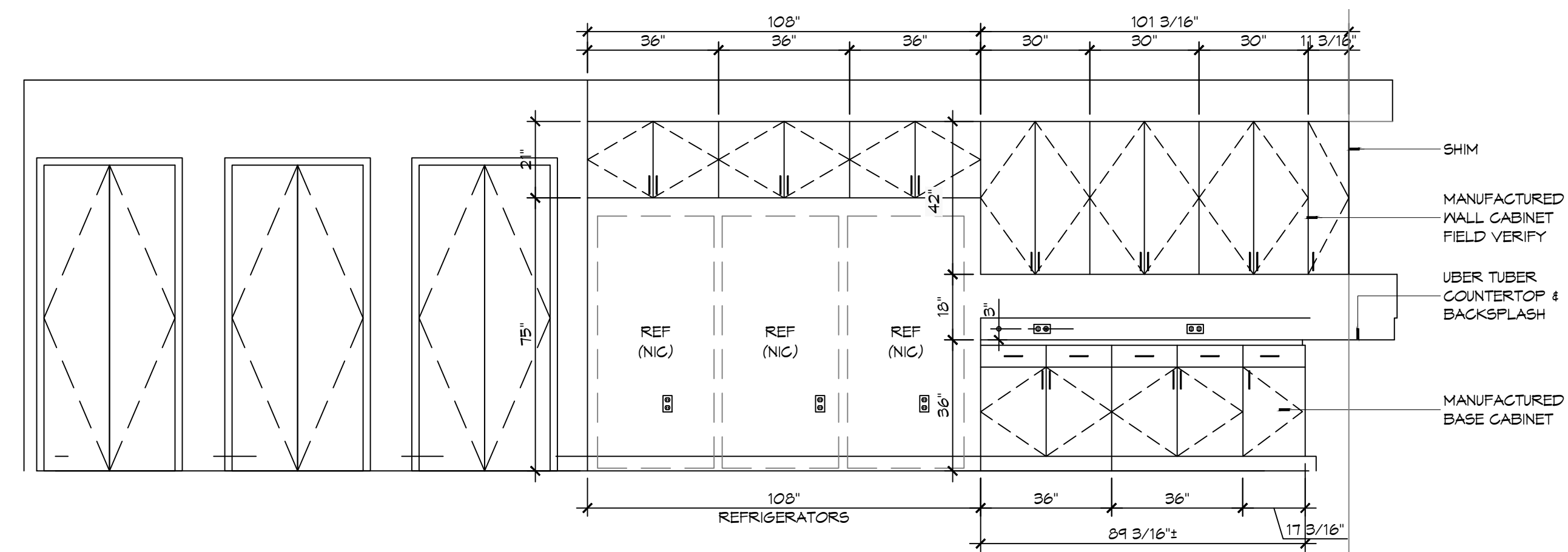
6 INTERIOR ELEVATION



5 INTERIOR ELEVATION



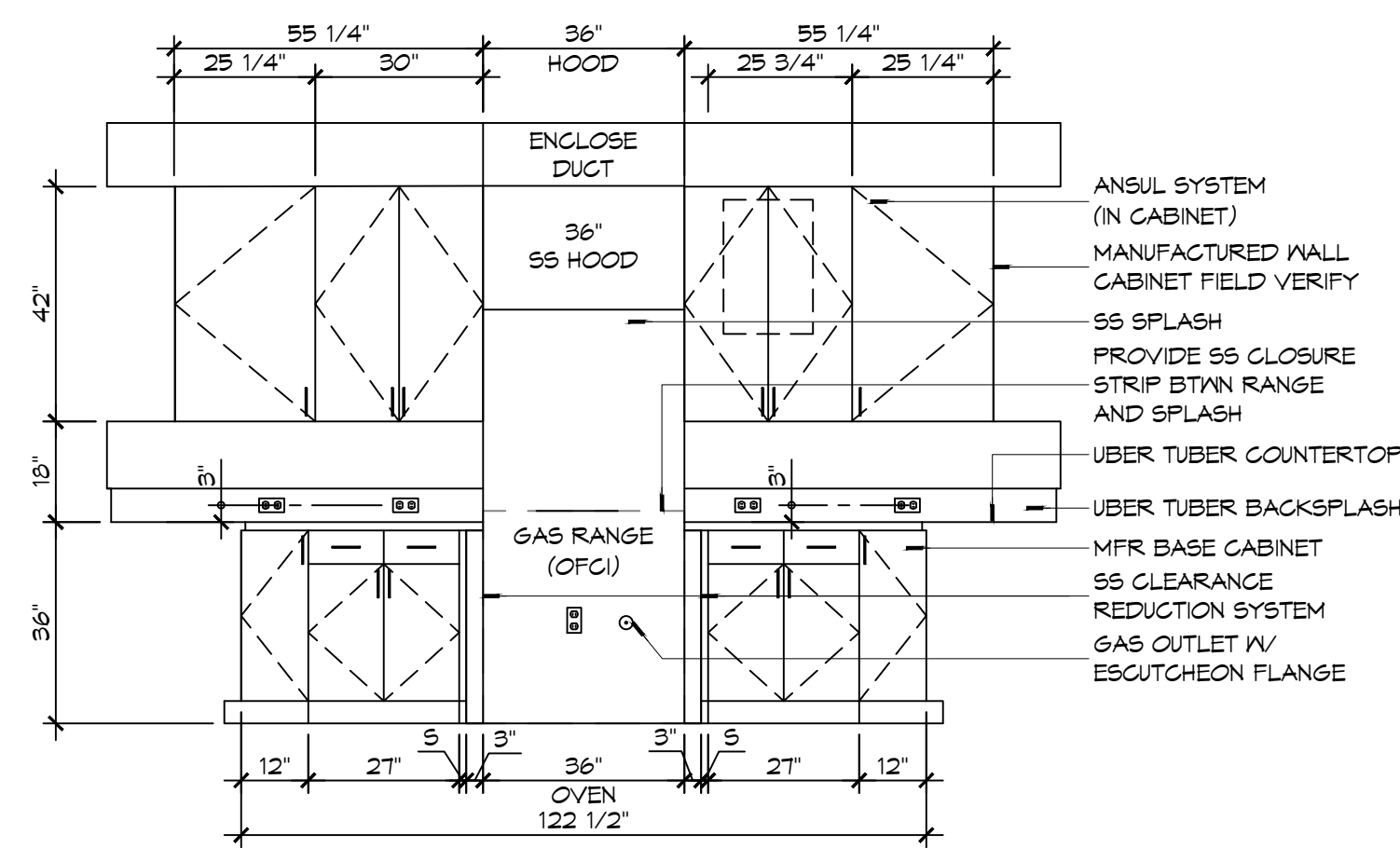
4 INTERIOR ELEV



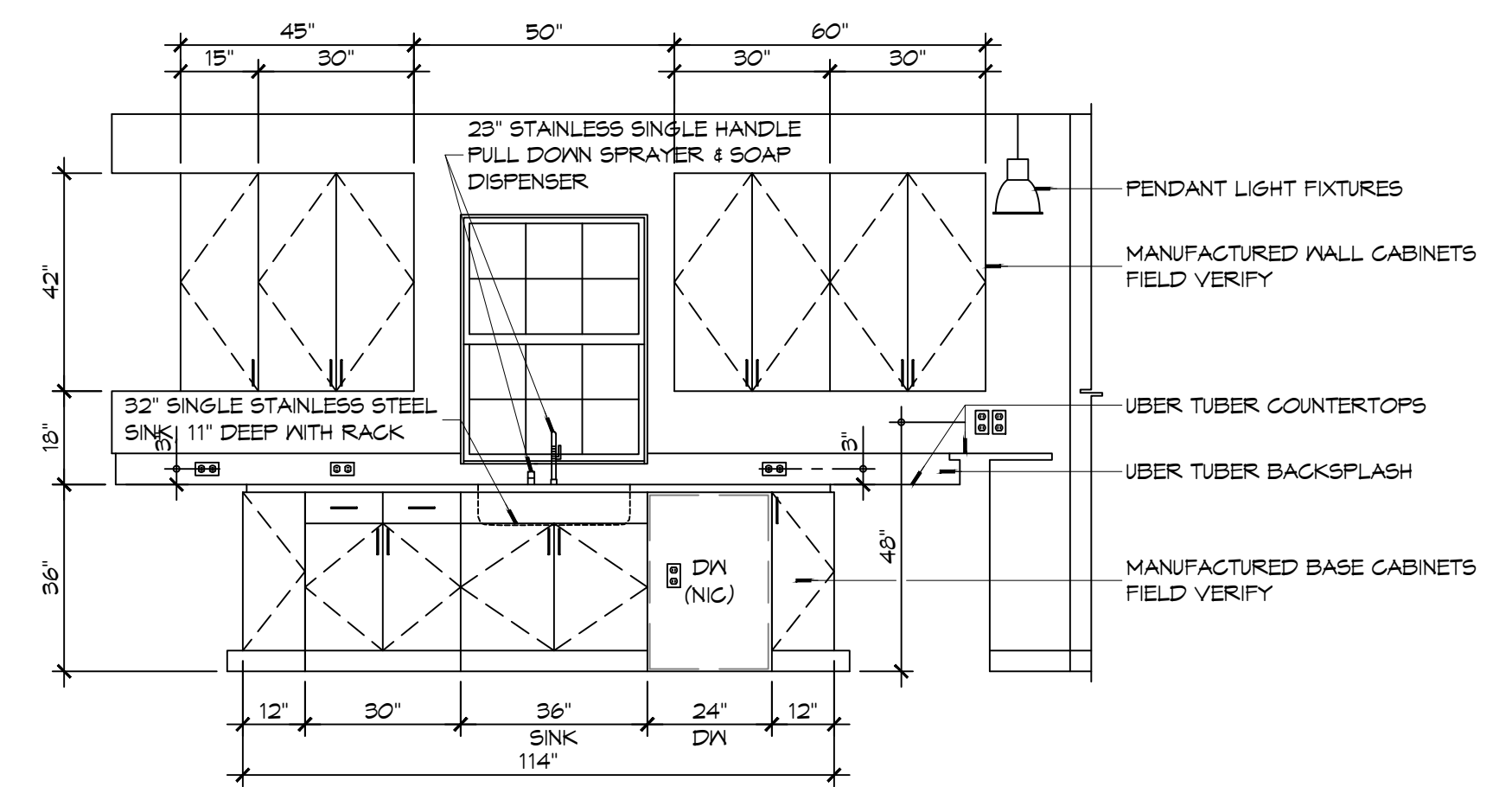
3 INTERIOR ELEVATION

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

KITCHEN - 108



2 INTERIOR ELEVATION



1 INTERIOR ELEVATION

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

KITCHEN - 105

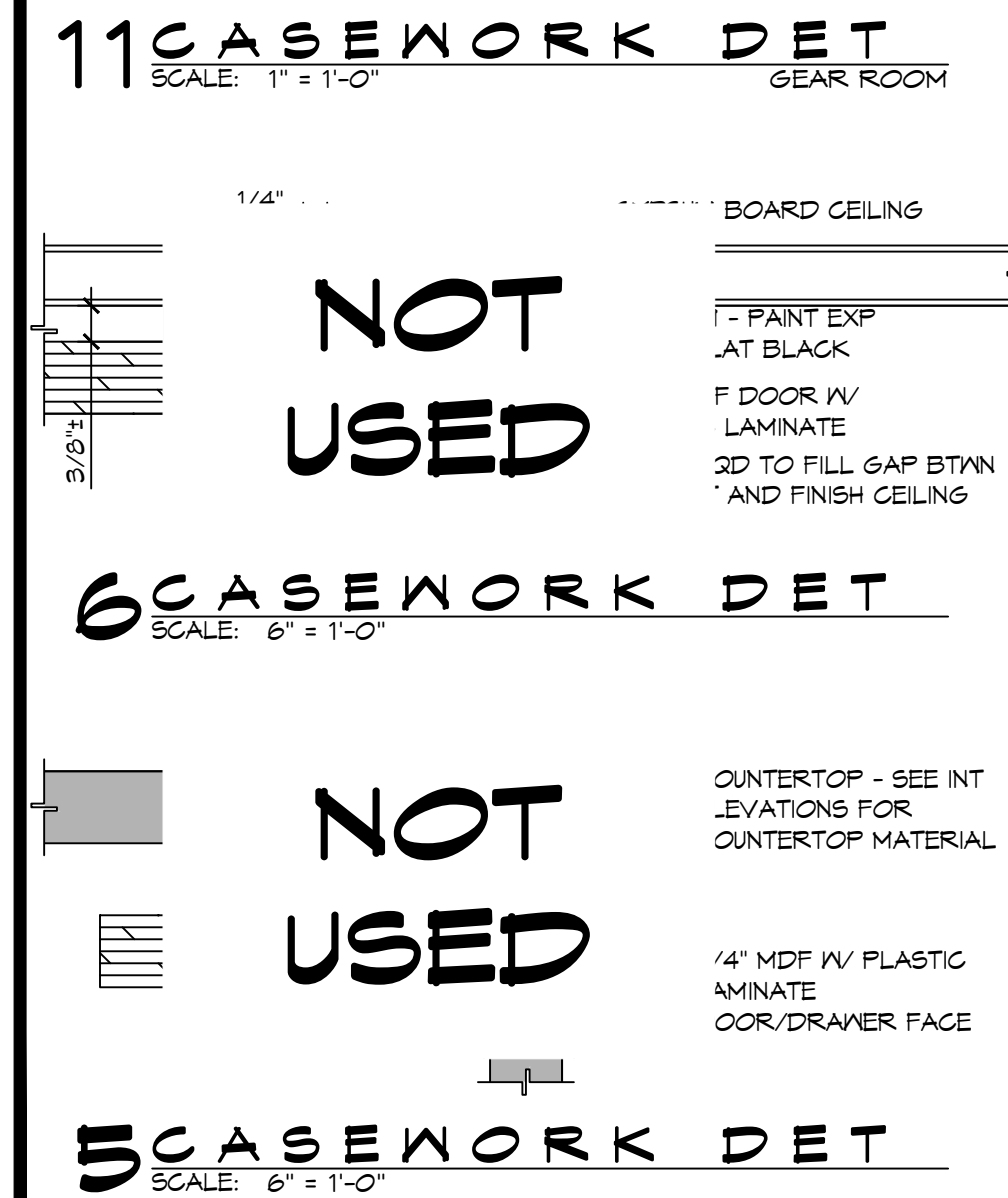
[illegible]

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

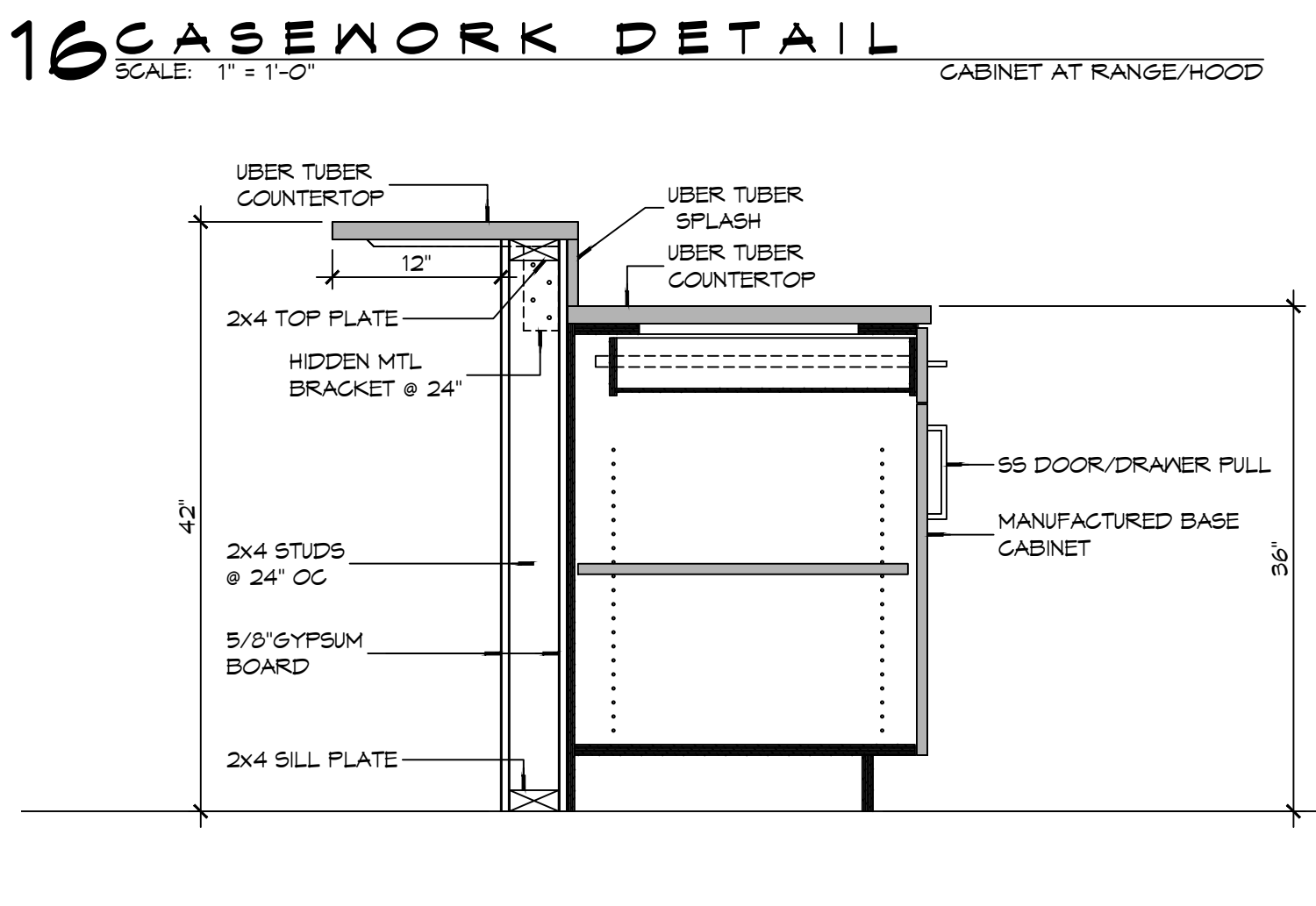
SHEET TITLE:
INTERIOR ELEVATIONS

DRAWING NUMBER:

A401



5 CASEWORK DET



10 CASEWORK DETAIL

SCALE: 1" = 1'-0"

KITCHEN PENINSULA

The diagram illustrates the rear elevation of a kitchen peninsula. On the left, two sinks are shown with faucets. To their right is an ice machine labeled 'ICE MACHINE (NIC)'. Further right is a washing machine labeled 'WASH (NIC)' and a dryer labeled 'DRYER (NIC)'. A 'WATER SUPPLY OUTLET' is indicated near the ice machine. A 'WASHING MACHINE OUTLET BOX' is shown to the right of the washing machine. A 'DRYER VENT' is shown to the right of the dryer. A 'STEEL FRAME' is indicated on the far right. A dimension line shows a '34" TYPICAL' height for the peninsula. The entire unit is labeled 'CASEWORK DETAIL'.

ICE MACHINE (NIC)

34" TYPICAL

WASH (NIC)

DRYER (NIC)

WATER SUPPLY OUTLET

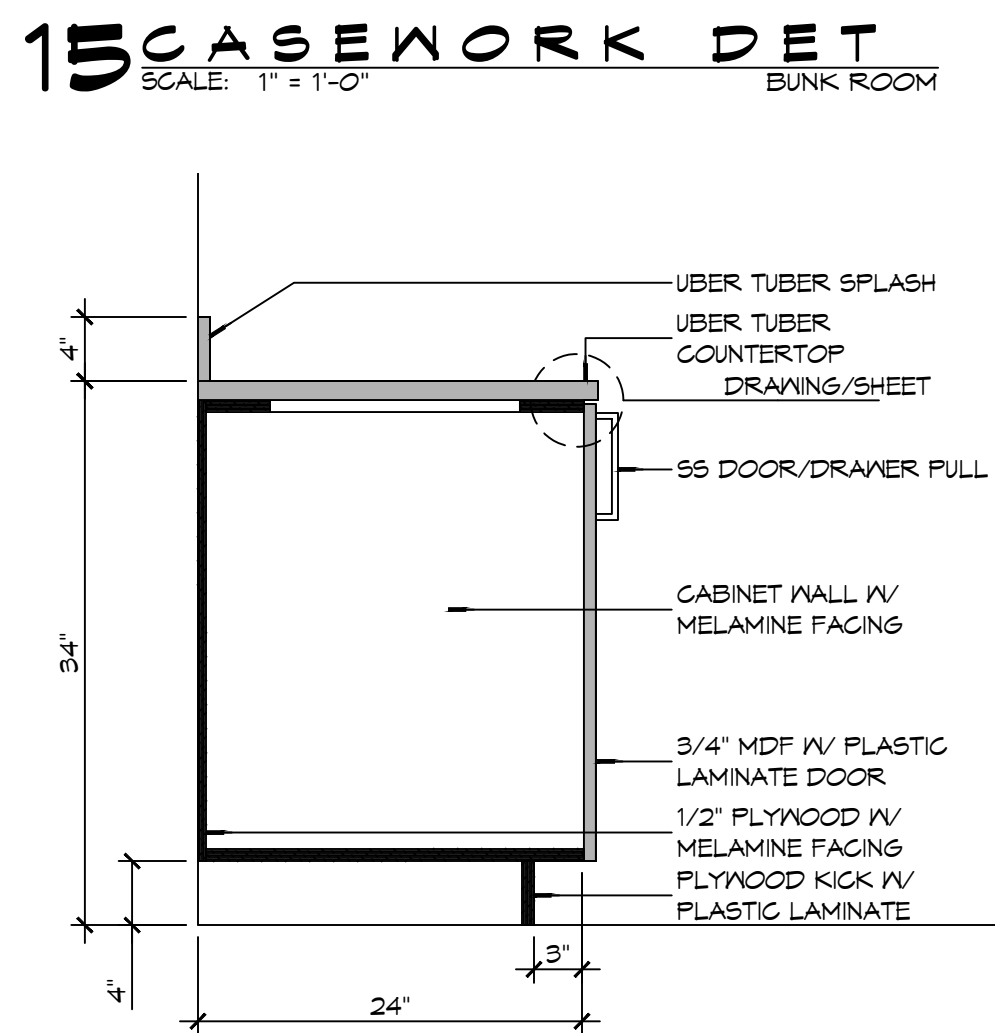
WASHING MACHINE OUTLET BOX

DRYER VENT

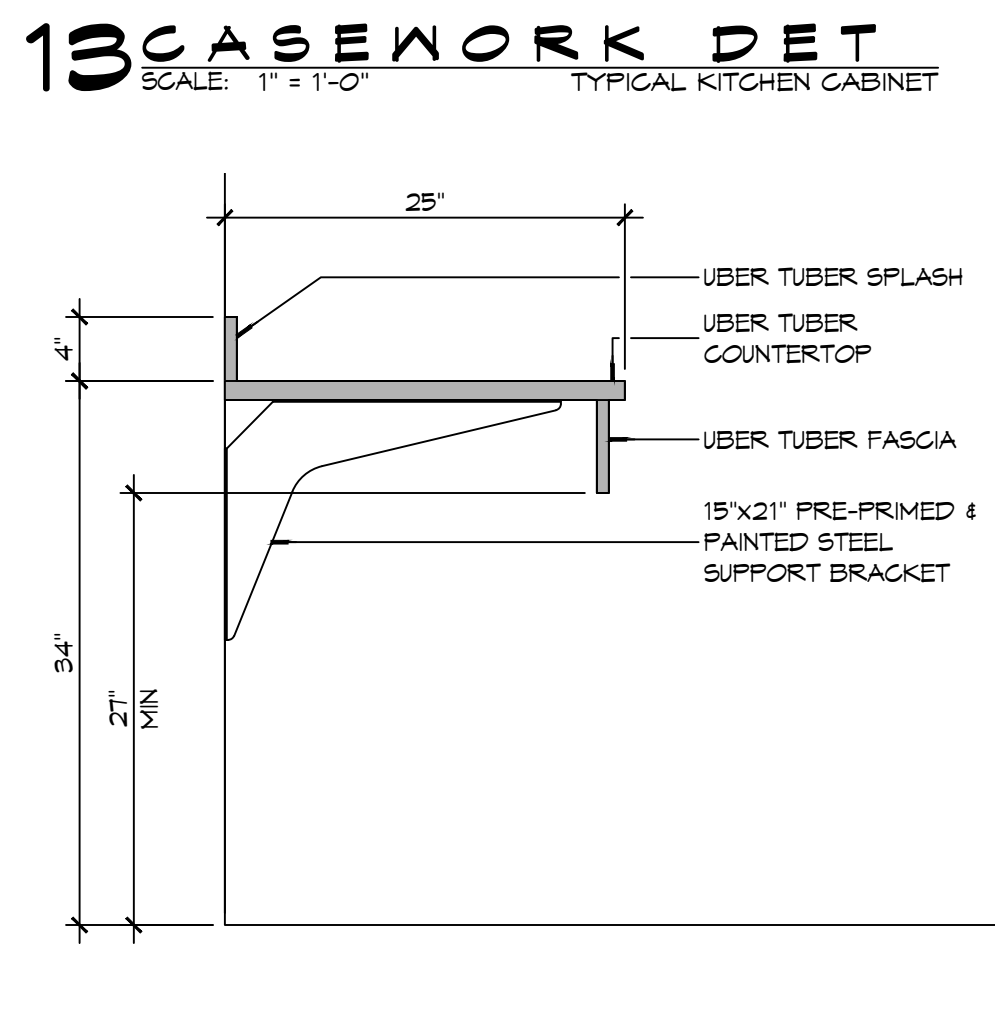
STEEL FRAME

R ELEVATION

UTILITY ROOM - 115



3 INTERIOR ELEV
SCALE: 3/8" = 1'-0" REST ROOM - 119



8 CASEWORK DET
SCALE: 1" = 1'-0"
LAVATORY COUNTER

55 GRAB BARS

TILE MAINSCOT

INSULATE EXP. PIPES

MIRROR

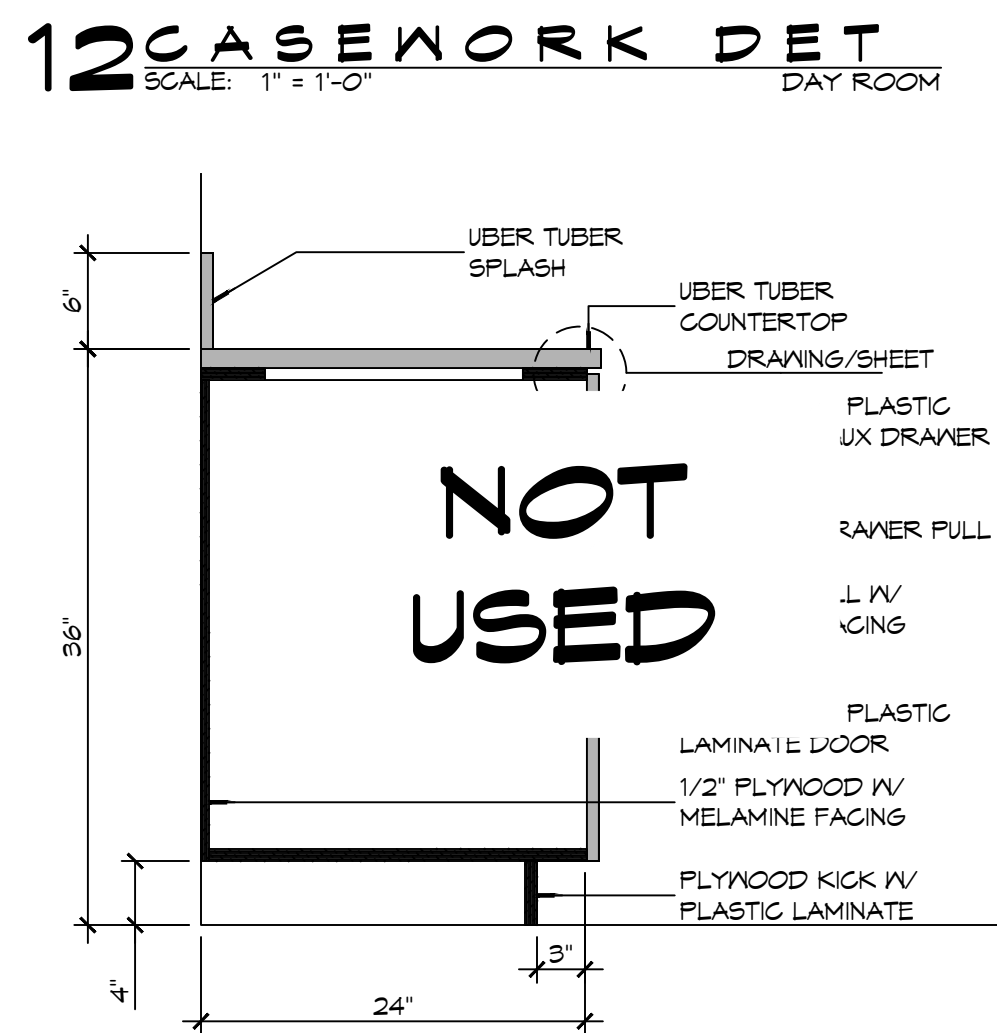
WALL SCONCE

43 3/8" ±

18"

15"

2 INTERIOR ELEV
SCALE: 3/8" = 1'-0"
REST ROOM - 119



7 CASEWORK DET

SCALE: 1" = 1'-0"

KITCHEN SINK CABINET

WALL SCONCE

MIRROR

14"

56 PAPER DISPENSER

INSULATE EXP. PIPES

BASE AS SCHEDULED

1 INTERIOR ELEV

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

REST ROOM - 119

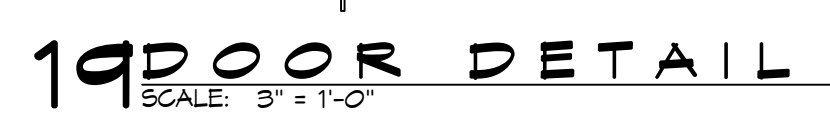
1. ALL KNEE SPACES SHALL HAVE 23 INCH MINIMUM VERTICAL CLEARANCE.
 2. AT 90° INSIDE CORNERS OF BASE AND TOP CABINETS, PROVIDE CORNER CABINETS WITH SHELVING ACCESSIBLE FROM AT LEAST ONE SIDE.
 3. WHERE GROMMETS ARE SHOWN, PROVIDE MCKETT PUS-40 OR APPROVED EQUAL. HOLES SHALL BE FIELD DRILLED AND SIZED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. COORDINATE EXACT LOCATION WITH OWNER.
 4. 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 ADJACENT SURFACE REQUIREMENTS, AND COMPLY WITH DETAILS PROVIDED IN THE DRAWINGS.
 5. SUPPORT BRACKETS SHALL NOT INTERFERE WITH MOUNTING OF SINKS/LAVATORIES.
 6. CABINETWORK/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 | 3649-99 | MATTE FINISH |
| PL-2 | FORMICA TERRIL | 2237-58 | MATTE FINISH |

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

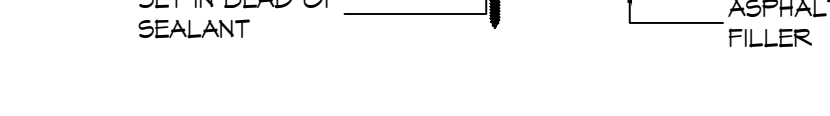
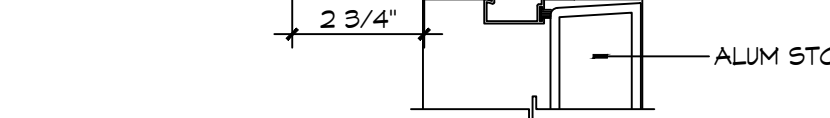
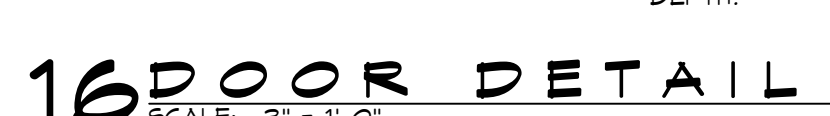
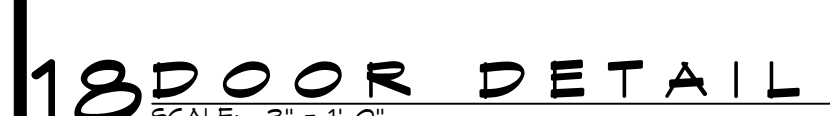
SHEET TITLE:
INTERIOR ELEVATIONS AND
CASEWORK DETAILS

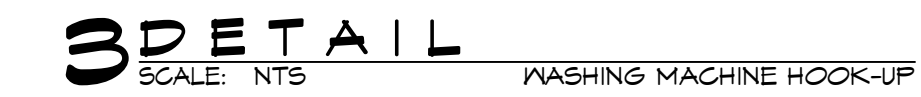
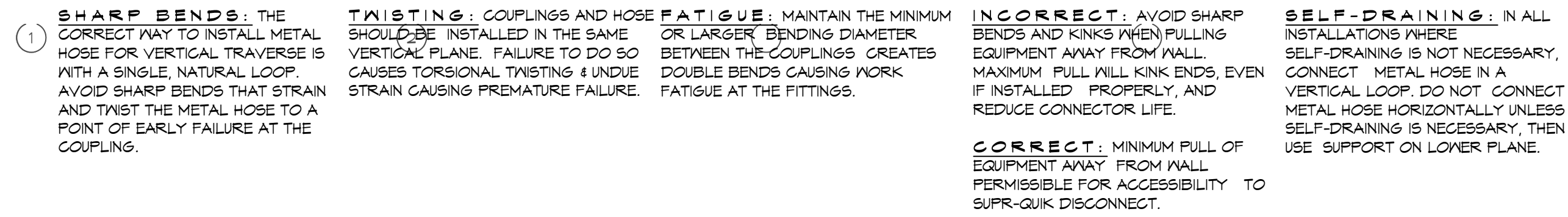
DRAWING NUMBER:

A402

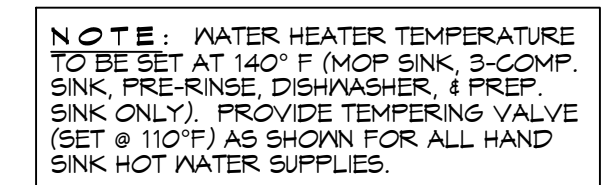
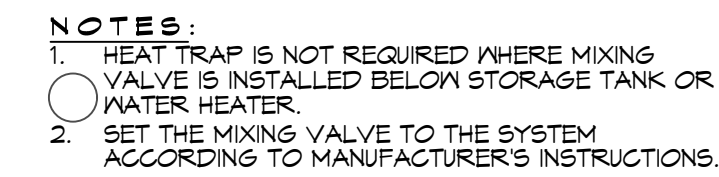


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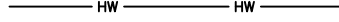




3 DETAIL



LEGEND

- | SYMBOL | DESCRIPTION |
|---|-------------------------------------|
|  | COLD WATER SUPPLY PIPING (CW) |
|  | HOT WATER SUPPLY PIPING (HW) |
|  | TEMPERED WATER SUPPLY PIPING (THIN) |
|  | GAS PIPING |
|  | GLOBE VALVE |
|  | TEMPERING VALVE |
|  | GAS COCK |
|  | HEATER |
|  | ELBOW UP |
|  | ELBOW DOWN |
|  | HOSE BIB |
|  | SPRINKLER RISER |

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

NOTES:

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

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



JOB No:	2519	DATE
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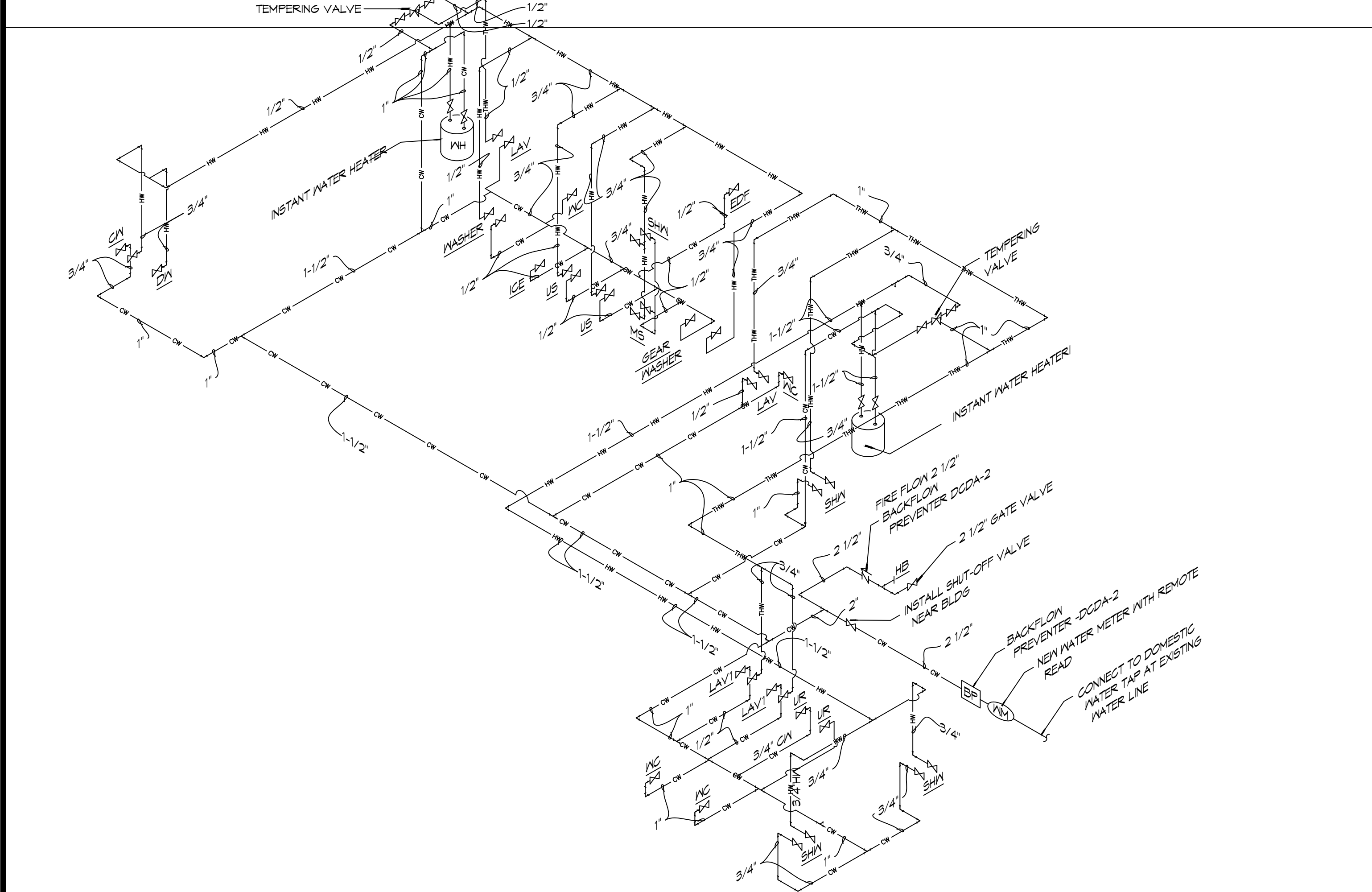
DRAWING NUMBER:

HEET No: 31 of 37

FILE NAME: A:\-Bourbonville\3103 - Fire Station #10\Drawings\Plumbing\3103-Plumbing.dwg Plot Date: 3/20/2025 1:03:29 PM
PLT: 3103-Plumbing.dwg Plot Date: 3/20/2025 1:03:29 PM

PLUMBING FIXTURE SCHEDULE								
MK	DESCRIPTION	TYPE	ROUGH-IN SIZE				BASIS OF DESIGN	NOTES
			WASTE	VENT	CN	HN		
WC1	HC 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	HC LAVATORY	WALL HUNG	2"	2"	1/2"	1/2"	SLOAN BATHROOM SINK: SS-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 8215	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-RGF 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-9C 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
WH1	WATER HEATER	GAS	-	3"	3/4"	3/4"	RINNAI 199H 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. 56014-15)	4
WCO	WALL CLEAN-OUT	-	-	-	-	-	MADE W-8453-R6, WITH BRASS PLUG AND ROUND STAINLESS STEEL SECURED ACCESS COVER.	4
CB	CATCH BASIN	-	SEE DWS				SCI PRECAST CB 24X24 W/CAST IRON FRAME AND GRATE U.S. FOUNDARY 4653/6337	4
OWS	OIL WATER SEPERATOR	-	-	-	-	-	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	

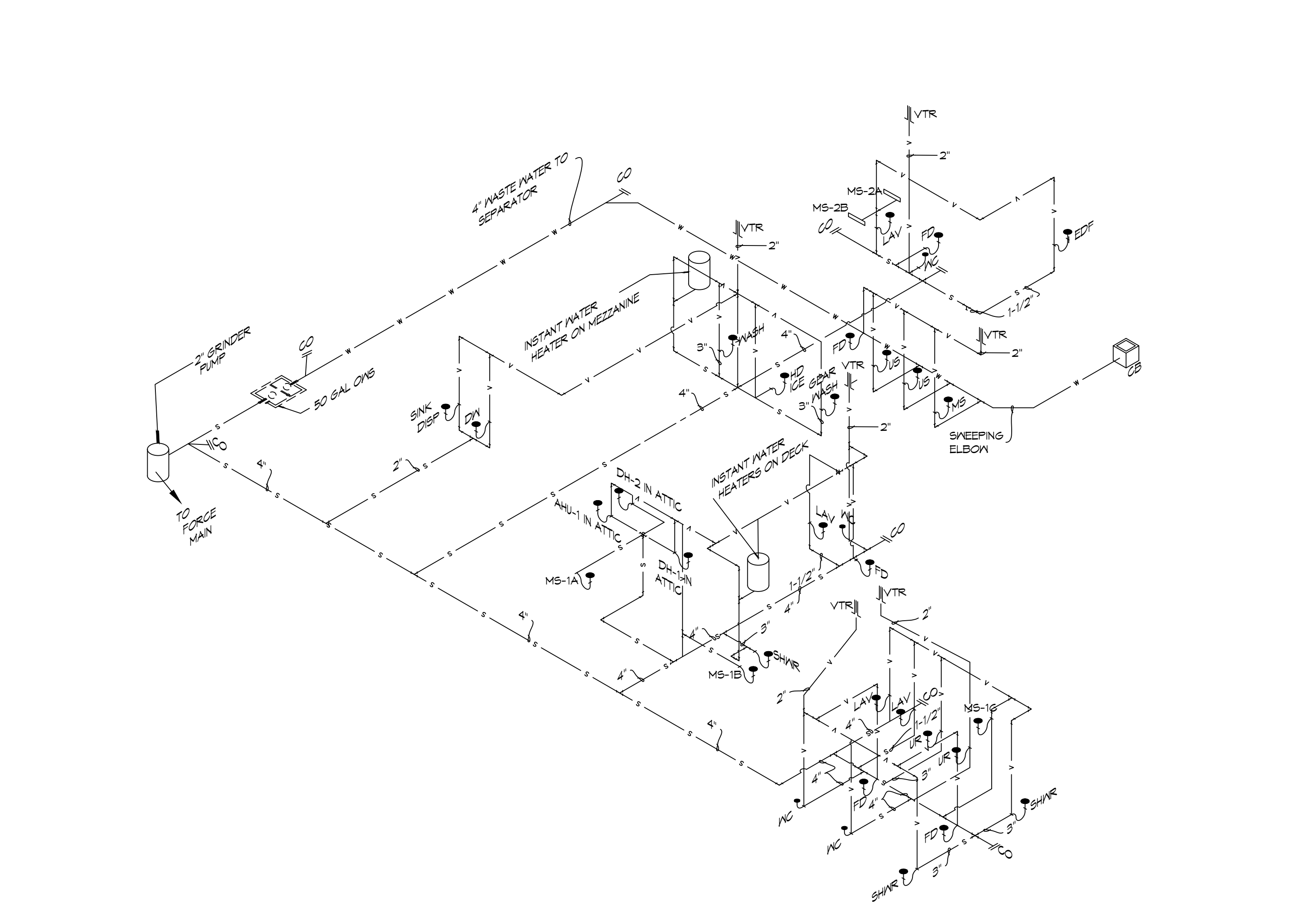
- NOTES:
- HOT WATER AND DRAIN PIPES UNDER LAVATORIES SHALL BE INSULATED OR OTHERWISE CONFIGURED TO PROTECT AGAINST CONTACT. THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER LAVATORIES.
 - PROVIDE CHAIR CARRIER FOR ALL WALL-MOUNTED PLUMBING FIXTURES.
 - INSTALL A CONTINUOUS DRIP VALVE ON ALL FLOOR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



2 RISER DIAGRAM
SCALE: NTS

PLUMBING WATER SUPPLY

3 RISER DIAGRAM
SCALE: NTS



1 RISER DIAGRAM
SCALE: NTS

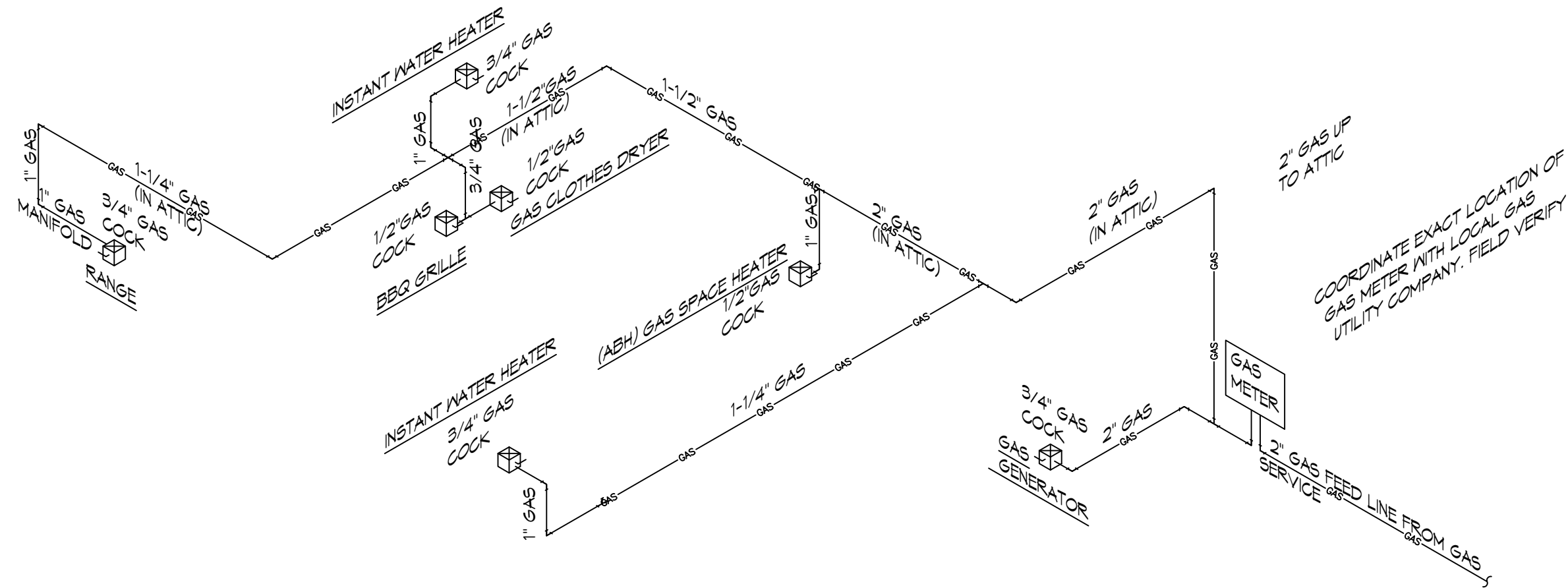
PLUMBING SEWER AND WASTE WATER

RISER DIAGRAM NOTES

- PLUMBING LINES SHOWN ARE DRAWN DIAGRAMMATIC IN NATURE AND REPRESENT CONCEPTUAL ROUTING ONLY. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF ALL ACTUAL CONDITIONS.
- DO NOT SCALE DRAWINGS. SEE ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF DOORS, WINDOWS, WALLS, FIXTURES, ETC.
- 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.)
- SEE SHEET P101 FOR GENERAL PLUMBING NOTES.
- SEE ROOF PLAN FOR INTENDED LOCATIONS OF ALL ROOF PENETRATIONS.
- SEE CIVIL DRAWINGS FOR SITE DRAINAGE CATCH BASIN LOCATIONS.

CONTACT FOR ATMOS ENERGY:
Kathleen A Dufour
Account Representative
Atmos Energy Corporation
Louisiana Division
985-373-9171 Cell
kathleen.dufour@atmosenergy.com

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



DAMMONENGINEERING, INC.

LOUISIANA & MISSISSIPPI

www.dammonengineering.com

info@dammonengineering.com

PH: 985.649.5832

Chief Engineer: Brian A. Mistich, PE

554 Old Spanish Trail

Slidell, LA 70688

#	DESCRIPTION	REVISIONS	DATE



NEW FIRE STATION #10

ST. TAMMANY FIRE PROTECTION

DISTRICT NO. 1

2146 LAKESHORE VISTA BLVD

SLIDELL, LA 70661

JOB No: 2519

DATE: 12-05-2025

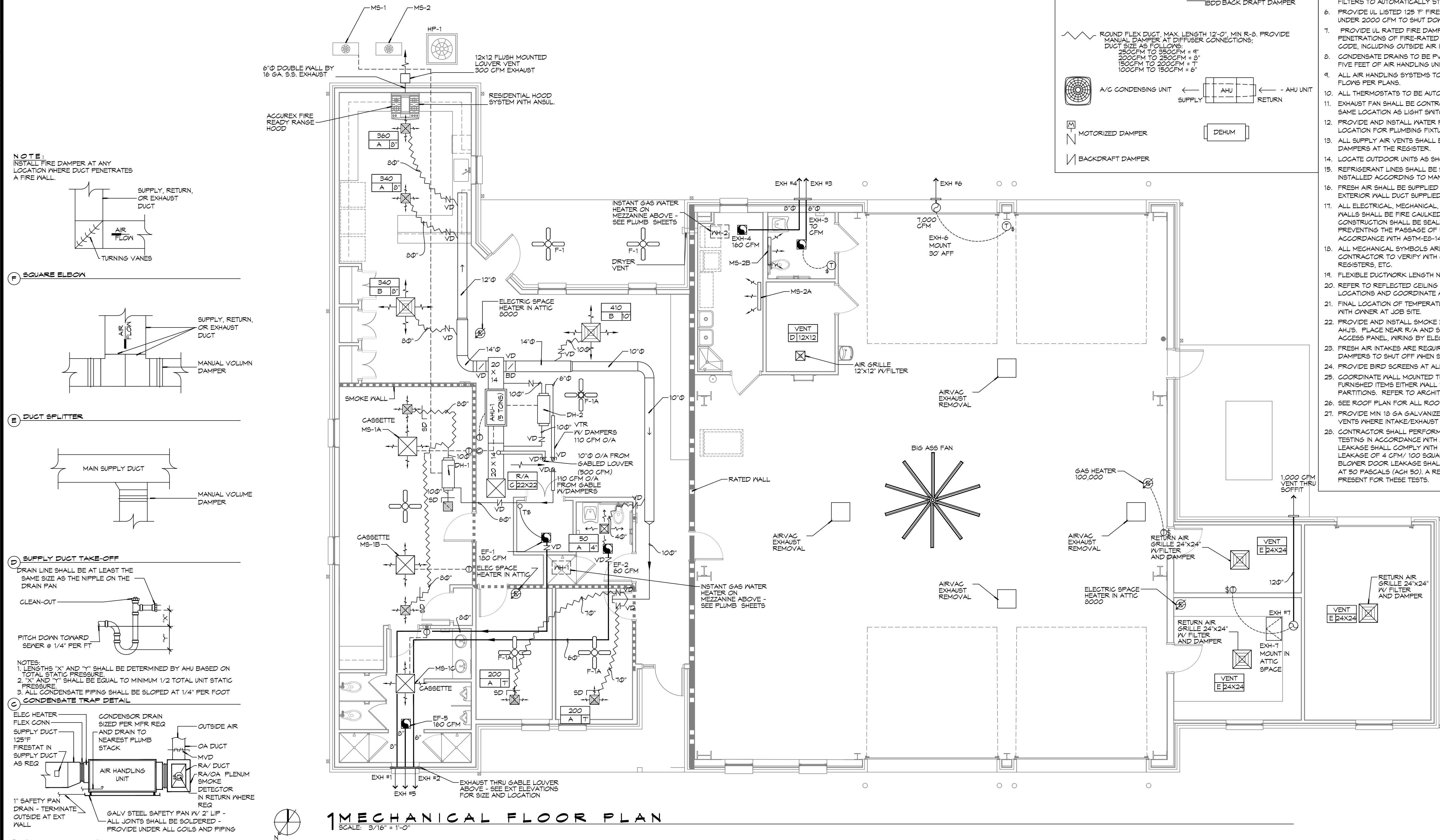
DRAWN BY: CKD

CHECKED BY: BAK

SHEET TITLE:
PLUMBING AND GAS RISER
DIAGRAMS

DRAWING NUMBER:

P103



2 DETAILS

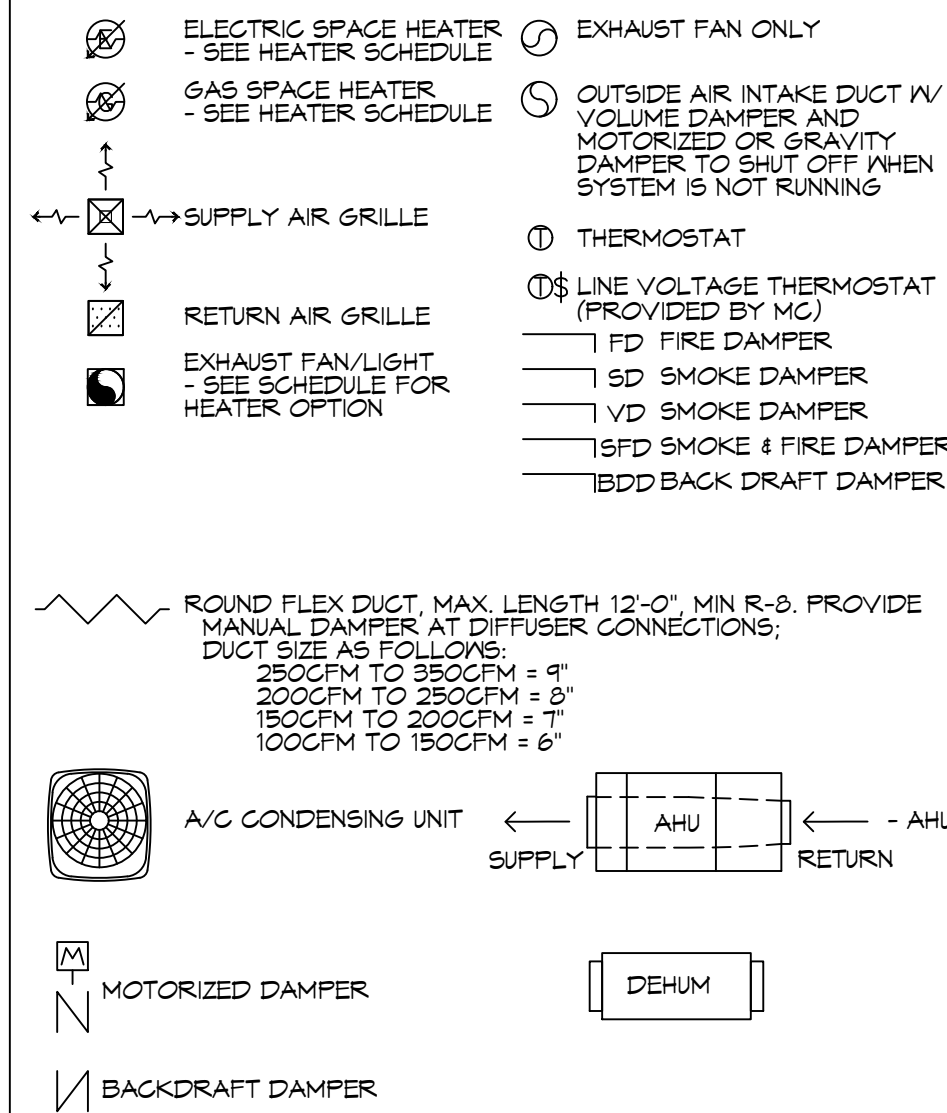
DRAWN DIAGRAMMATICALLY FOR CLARITY.
FIELD VERIFY PLACEMENT OF ALL
EQUIPMENT PRIOR TO FABRICATION.

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.

LEGEND



GENERAL HVAC NOTES

1. CONCEALED DUCTWORK TO BE GALVANIZED SHEET METAL LINED WITH FIBROUS GLASS DUCT LINER, MIN R-6. INSTALLED PER SMAGNA STANDARDS.
2. EXPOSED DUCTWORK TO BE GALVANIZED SHEET METAL LINED WITH FIBROUS GLASS DUCT LINER, MIN R-8. INSTALLED PER SMAGNA STANDARDS.
3. ROUND FLEXIBLE DUCT TO BE UL-181, CLASS 1, AIR DUCT MATERIALS.
4. DUCT SIZES SHOWN ARE CLEAR INSIDE DIMENSIONS.
5. IN ALL SYSTEMS OVER 2000 CFM AND LESS THAN 15,000 CFM, SMOKE DETECTORS SHALL BE INSTALLED IN ACCORDANCE WITH NFPA 72E IN THE RETURN DUCT DOWNSTREAM OF THE AIR HANDLING UNIT AND ALL FILTERS TO AUTOMATICALLY STOP THE FAN.
6. PROVIDE UL LISTED 125 °F FIRESTAT IN RETURN AIR OF EACH SYSTEM UNDER 2000 CFM TO SHUT DOWN THE FAN IN THE EVENT OF FIRE.
7. PROVIDE UL RATED FIRE DAMPERS WHERE REQUIRED AT ALL DUCT PENETRATIONS OF FIRE-RATED ASSEMBLIES AND WHERE REQUIRED BY CODE, INCLUDING OUTSIDE AIR INTAKES AND EXHAUST FANS.
8. CONDENSATE DRAINS TO BE PVC PIPE RUN TO PLUMBERS P-TRAP WITHIN FIVE FEET OF AIR HANDLING UNITS.
9. ALL AIR HANDLING SYSTEMS TO BE BALANCED TO ASSURE PROPER AIR FLOWS PER PLANS.
10. ALL THERMOSTATS TO BE AUTOMATIC CHANGEOVER WITH HEAT SWITCH.
11. EXHAUST FAN SHALL BE CONTROLLED BY A SWITCH ON THE WALL IN THE SAME LOCATION AS LIGHT SWITCH(S). PROVIDE BACK DRAFT DAMPER.
12. PROVIDE AND INSTALL WATER PROOF GRILLE VENT IN PROPER ROOF LOCATION FOR PLUMBING FIXTURE EXHAUST.
13. ALL SUPPLY AIR VENTS SHALL BE PROVIDED WITH AIR CONTROL DAMPERS AT THE REGISTER.
14. LOCATE OUTDOOR UNITS AS SHOWN ON ARCHITECTURAL DRAWINGS.
15. REFRIGERANT LINES SHALL BE SIZED BY UNIT MANUFACTURER AND INSTALLED ACCORDING TO MANUFACTURER'S INSTRUCTIONS.
16. FRESH AIR SHALL BE SUPPLIED TO EACH AIR HANDLER THROUGH EXTERIOR WALL DUCT SUPPLIED WITH A CONTROL DAMPER.
17. ALL ELECTRICAL, MECHANICAL, AND PLUMBING PENETRATING FIRE WALLS SHALL BE FIRE CAULKED. (PENETRATIONS THROUGH RATED CONSTRUCTION SHALL BE SEALED WITH A MATERIAL CAPABLE OF PREVENTING THE PASSAGE OF FLAMES AND HOT GASES WHEN TESTED IN ACCORDANCE WITH ASTM-E84-14).
18. ALL MECHANICAL SYMBOLS ARE DRAWN DIAGRAMMATICALLY, CONTRACTOR TO VERIFY WITH OWNER LOCATIONS OF VENTS, DAMPERS, REGISTERS, ETC.
19. FLEXIBLE DUCTWORK LENGTH NOT TO EXCEED 12'-0".
20. REFER TO REFLECTED CEILING PLAN FOR FINAL GRILLE AND DIFFUSER LOCATIONS AND COORDINATE AS REQUIRED.
21. FINAL LOCATION OF TEMPERATURE CONTROLS TO BE COORDINATED WITH OWNER AT JOB SITE.
22. PROVIDE AND INSTALL SMOKE DETECTORS AS PROVIDED BY LOCAL A.H.J.S. PLACE NEAR R/A AND S/A OPENINGS OF AHU AND PROVIDE, WITH ACH 50 PANEL, COVER, WITH 2021 IECC STANDARDS WITH A MAXIMUM LEAKAGE OF 4 CFM/100 SQUARE FOOT OF CONDITIONED AREA.
23. FRESH AIR INTAKES ARE REQUIRED TO HAVE MOTORIZED OR GRAVITY DAMPERS TO SHUT OFF WHEN SYSTEM IS NOT RUNNING.
24. PROVIDE BIRD SCREENS AT ALL EXTERIOR MECHANICAL PENETRATIONS.
25. COORDINATE WALL MOUNTED THERMOSTAT LOCATIONS WITH ALL OWNER FURNISHED ITEMS EITHER WALL MOUNTED OR FLOOR MOUNTED AGAINST PARTITIONS. REFER TO ARCHITECTURAL DRAWINGS.
26. SEE ROOF PLAN FOR ALL ROOF PENETRATIONS.
27. PROVIDE MIN 18 GA GALVANIZED SHEET METAL TO BLANK-OFF GABLE VENTS WHERE INTAKE/EXHAUST DUCTS OCCUR.
28. CONTRACTOR SHALL PERFORM BLOWER DOOR, AIR AND 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 PASCALES (ACH 50). A REPRESENTATIVE FROM FD-1 WILL BE PRESENT FOR THESE TESTS.

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

STATE I AKESHOPE VISTA BLVD

JOB No:	2519	DATE:	12-03-2025
DRAWN BY:	CKD	CHECKED BY:	BAM

SHEET TITLE:

HVAC FLOOR PLAN,
DETAILS, AND SCHEDULES

DRAWING NUMBER

M101

MIN-SPLIT SCHEDULE														
AIR HANDLER						HEAT PUMP								
Tag	Make	Model	Cooling (MBH)	Heating (MBH)	Power		Tag	Make/Model	Model	Cooling (MBH)	Power		MCA	Remarks
					VAC	PH					VAC	PH		
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	Hertz		
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

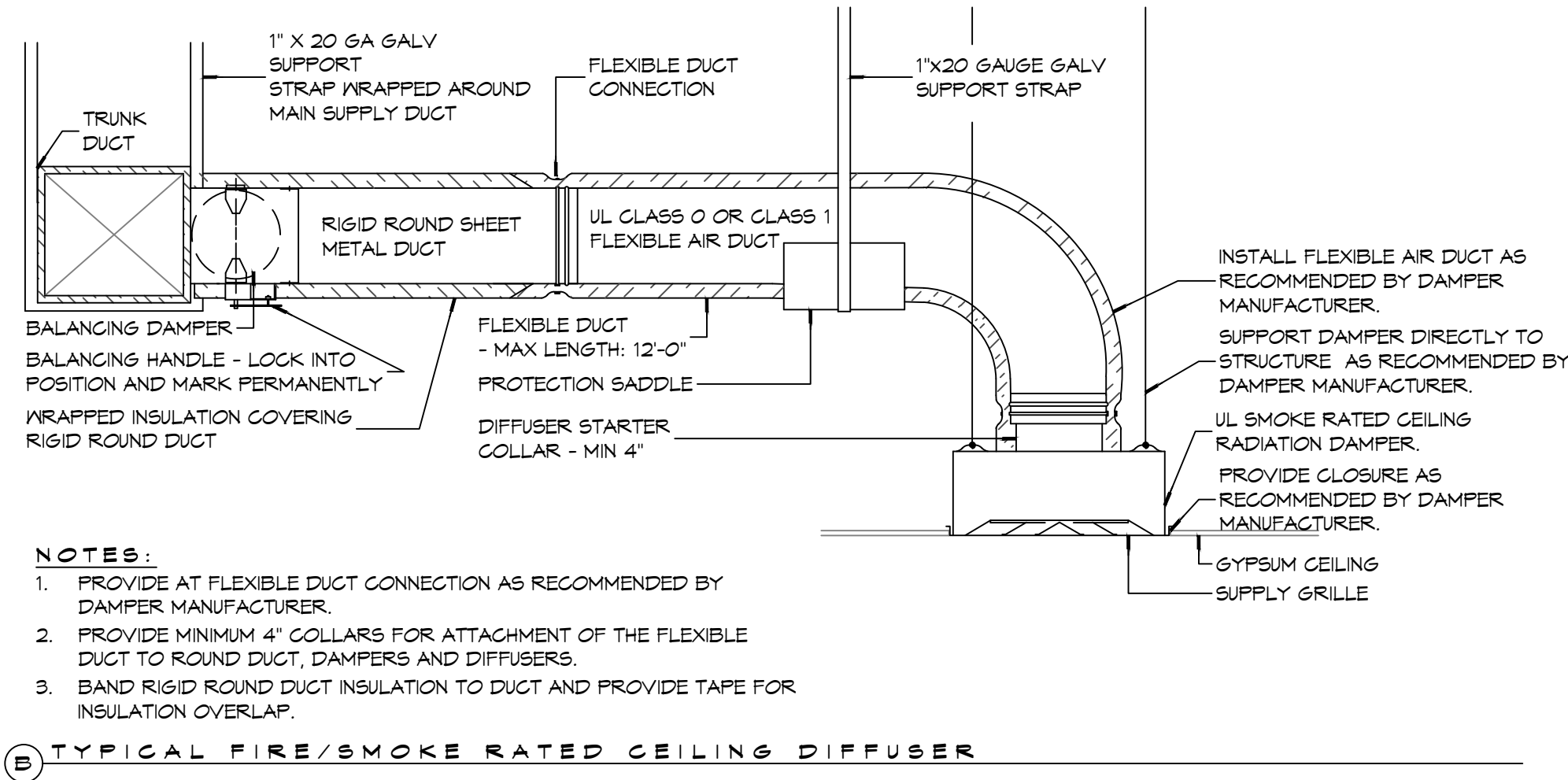
DESCRIPTION	QUANTITY
AIRVAC 911® EXHAUST REMOVAL SYSTEM - Single Ph. 115V	4
AIRVAC 911® FILTER PACK (4-Stage Filter Pack, "Main Filters")	4
AIRVAC 911® FILTER GAUGE (Min. one per building section)	1
UL 508A CERTIFIED CONTROL PANEL - AVEC-4C	1
ACTIVATION PACKAGE - E-960-D90Q PHOTO EYE (set) &	2
N505AUTM/STX01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

NOTE:

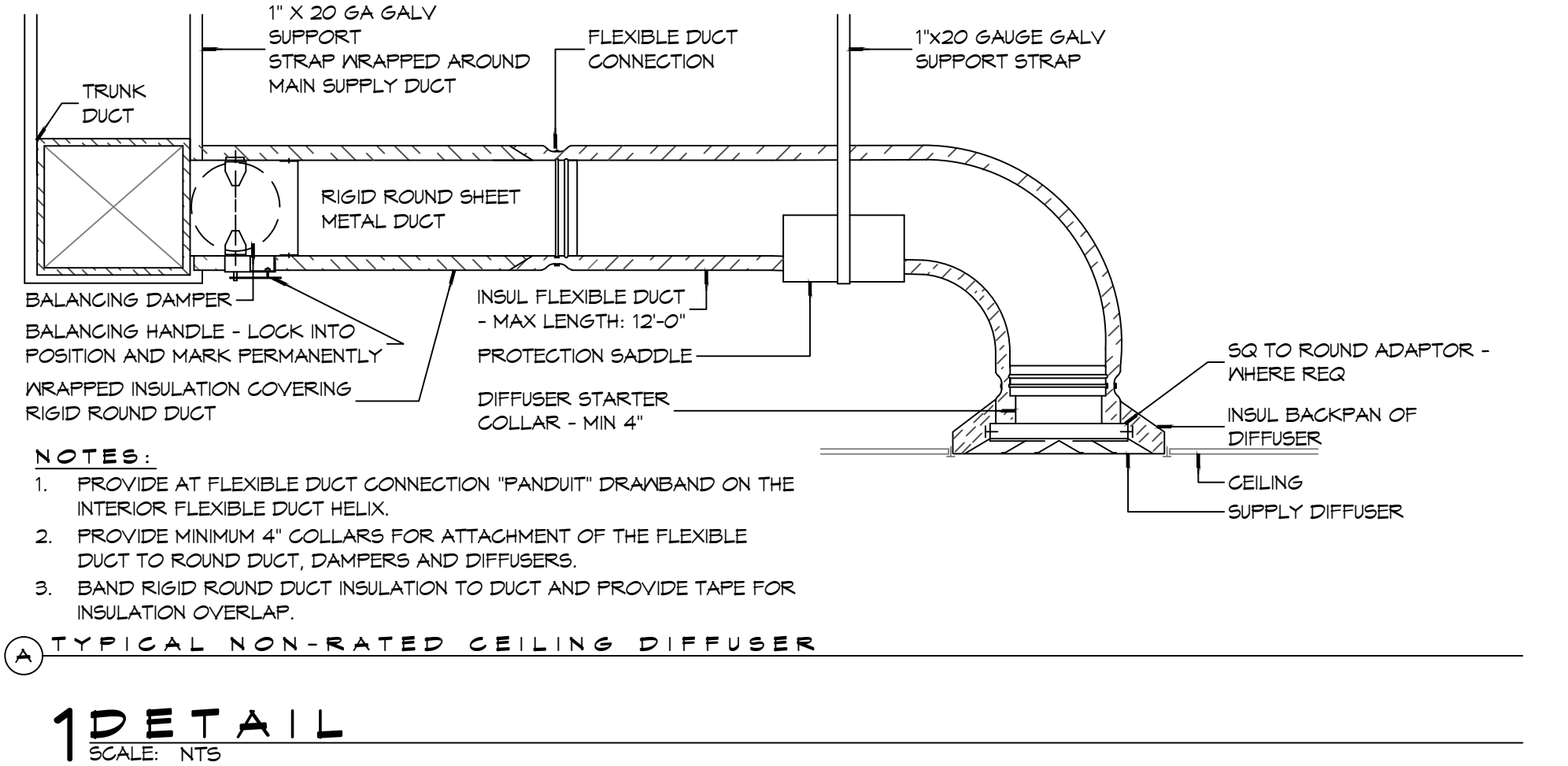
1. ALL FANS INSTALLED IN RATED ASSEMBLIES SHALL BE EQUIPPED W/ APPROPRIATE FIRE DAMPER TO MATCH ASSEMBLY FIRE RATING.
2. PAINT ALL SHUTTERS AND EXTERIOR GRILLES TO COLOR SPECIFICATION BY ARCHITECT.
3. PROVIDE BIRSCREENS ON ALL SHUTTERS AND EXTERIOR GRILLES.
4. PROVIDE BACK FLOW PREVENTER ON ALL EXHAUST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

BIG ASS FAN;
BIG ASS POWERFOIL F-PFD1-1022S34 FAN
WITH DOWNTUBE AND A 1HP MOTOR. MODEL
NUMBER F-PFD1-1022S34.

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.								



<u>DIFFUSER SCHEDULE</u>				
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



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	RE199I	0.13 -9.8	35	199	193	120	1	4	1	
NOTES:												
1	Install units in accordance with NFPA and manufacturer's recommendations.											

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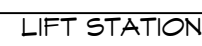
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**NEW FIRE STATION #10
ST. TAMMANY FIRE PROTECTION
DISTRICT No. 1**

SHEET TITLE:
HVAC DETAILS AND
SCHEDULES

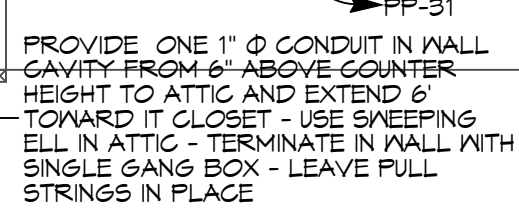
DRAWING NUMBER

M102



2 DETAIL

LIFT STATION



1 ELECTRICAL PLAN - POWER

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

5 EA 3"Ø PVC CONDUITS ROUTED UGND
STUB UP FROM PHONE AND INTERNET
PROVIDER; ALL UGND CONDUITS SHALL
BE INSTALLED WITH SWEEPING ELLS.
LEAVE PULL STRINGS IN ALL CONDUITS
ALL CONDUITS SHALL BE INSTALLED
BELOW CONCRET GRADE BEAMS.

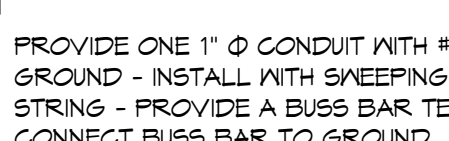
NOTE: COORDINATE
OUTLET LOCATIONS WITH
OWNER'S EQUIP LOCATIONS
AND REQUIREMENTS

PROVIDE A 1" CONDUIT WITH #4 GND WIRE FOR A BONDED GROUND. INSTALL WITH SWEEPING ELLS AND LEAVE PULL STRING. PROVIDE A BUSS BAR TERMINATION AT EACH END. ENSURE THE BUSS BAR IN IT CLOSET MEASURES LESS THAN 1 OHM TO GROUND.

PROVIDE 2 - 3" CONDUIT IN WALL CAVITY
FROM 18" AFF TO ABOVE CEILING

4 POWER PLAN DETAIL

4 POWELL
SCALE 1/2" = 1'



THREE 3/4" PVC CONDUITS ROUTED UGND STUB UP FROM PHONE AND INTERNET PROVIDER - ALL UGND CONDUITS SHALL BE INSTALLED WITH SWEEPING ELLS - LEAVE PULL STRINGS IN ALL CONDUITS - ALL CONDUITS SHALL BE INSTALLED BELOW CONCRETE GRADE BEAMS

3 POWER PLAN DETAIL

POWE

A I L
MECHANICAL ELECTRICAL BOO

1. 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.
2. ALL MATERIALS FURNISHED SHALL BE NEW AND SHALL BE U.L. LISTED.
3. THE DRAWINGS INDICATE SIZE AND GENERAL LOCATION OF WORK. SCAL DIMENSIONS SHALL NOT BE USED. THE EXACT LOCATION OF ALL LIGHTING FIXTURES, RECEPTACLES AND TELEPHONE OUTLETS, ETC. SHALL BE DETERMINED BY ACTUAL CONDITIONS IN THE FIELD.
4. PRIOR TO BIDDING, CONTRACTOR SHALL VISIT THE JOB SITE AND FAMILIARIZE THEMSELVES WITH THE EXISTING CONDITIONS.
5. ELECTRICAL CONTRACTOR SHALL COORDINATE HIS WORK WITH OTHER TRADES AND WITH OTHER CONTRACTORS WHOSE WORK MAY AFFECT THIS INSTALLATION.
6. ELECTRICAL CONTRACTOR SHALL COORDINATE INCOMING ELECTRICAL SERVICE WITH UTILITY COMPANY AND INCLUDE IN HIS BID ALL CHARGES AND FEES INCURRED IN MODIFICATIONS.
7. ELECTRICAL CONTRACTOR SHALL COORDINATE THE TELEPHONE INSTALLATION WITH THE TELEPHONE COMPANY AND THE GENERAL CONTRACTOR.
8. WHERE MORE THAN ONE SWITCH OCCURS IN THE SAME LOCATION, THEY SHALL BE INSTALLED IN A GANG TYPE BOX UNDER ONE COVER PLATE.
9. ELECTRICAL CONTRACTOR, BEFORE INSTALLING ANY OF THE WORK, SHALL SEE THAT IT DOES NOT INTERFERE WITH CLEARANCES REQUIRED FOR FINISHED COLUMNS, HUNG CEILINGS, PLASTER, PARTITIONS, WALLS, ETC. AS SHOWN IN THE ARCHITECTURAL DRAWINGS AND DETAILS. IF ANY WORK IS INSTALLED AND IT LATER DEVELOPS THAT SUCH DETAILS OR DESIGN CANNOT BE FOLLOWED, THE CONTRACTOR, AT HIS OWN EXPENSE, SHALL MAKE SUCH CHANGES IN THE WORK AS DIRECTED BY THE ARCHITECT, AS WELL AS TO PERMIT THE INSTALLATION OF THE ARCHITECTURAL WORK AS SHOWN ON THE PLANS AND DETAILS.
10. 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.
11. MINIMUM CONDUCTOR SIZE SHALL BE #12, 600V INSULATION. MINIMUM SIZE OF CABLE SHALL BE 3/4" ELECTRICAL METALLIC TUBING (EMT) FOR INTERIOR USE, AND 3/4" RIGID ALUMINUM FOR EXTERIOR USE. USE NON-METALLIC CABLE (NMC) GALVANIZED 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.
12. CONTRACTOR SHALL INSTALL WIRING AND OTHER CIRCUIT COMPONENTS TO MATCH EQUIPMENT ACTUALLY INSTALLED.
13. INSTALL GROUND FAULT RECEPTACLES AT RECEPTACLE LOCATIONS WITHIN 5' OF SINKS OR LAVATORIES, AND AT EXTERIOR LOCATIONS. EXTERIOR RECEPTACLES SHALL ALSO BE WATERPROOF.
14. BONDING AND GROUNDING SHALL BE IN ACCORDANCE WITH NFPA 70:250-65, NFPA 250-22, 250-211 & 250-712.
15. GROUND NEUTRAL IN ACCORDANCE WITH NFPA 70:250-230.
16. FUSES SHALL BE 1/2 CLASS KS, 250 VOLT, 200,000 AMP INTERRUPTING CAP.
17. PROVIDE SERVICES OF A FIRE/SMOKE DETECTION AND ALARM SYSTEM TO DESIGN AND INSTALL ALARM SYSTEM TO MEET REQUIREMENTS OF THE STATE FIRE MARSHALL AND THE FIRE DISTRICT.
18. 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 ABUTTING PROPERTY LINE.
19. 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.)
20. VERIFY ELECTRICAL CONNECTIONS PER MANUFACTURERS RECOMMENDATION.
21. ALL RECEPTACLES AND SWITCHES ARE TO HAVE WEATHER PROOF COVERS IN APPROPRIATE BAYS. 50% OF ALL EXTERIOR WEATHER PROOF COVERS SHALL BE IN-USE COVER.

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
	6FCI DUPLEX RECEPTACLE
	6FCI QUAD RECEPTACLE
	220V ELECTRIC DRYER RECEPTACLE - MOUNTED AT 30" AFF
	220V DEDICATED 6FCI RECEPTACLE
	WEATHER-PROOF 6FCI DUPLEX RECEPTACLE MOUNTED AT 30" AFF (UNLESS OTHERWISE NOTED)
	STANDARD 120V DUPLEX RECEPTACLE - FLOOR MOUNTED
	STANDARD QUAD RECEPTACLE - WALL-MOUNTED
	STANDARD QUAD RECEPTACLE - FLOOR MOUNTED
	125V 15 AMP DUPLEX-USB 5VDC 3 AMP HUBBELL USB CHARGER RECEPTACLE
	125V 15 AMP QUADPLEX-USB 5VDC 3 AMP HUBBELL USB CHARGER RECEPTACLE
	JUNCTION BOX
	GENERATOR BATTERY CHARGER 6FI OUTLET
	2-BUTTON PUSH BUTTON STATION
	COAX-CABLE CONNECTION FOR TELEVISION
	WALL MOUNTED DATA OUTLET
	FLOOR DATA OUTLET
	POWER DISCONNECT
	GAS WATER HEATER ON DECK OR MEZZANINE ABOVE - SIZE AS NOTED ON PLAN
	AIR CONDITIONING AIR HANDLING UNIT ON DECK OR MEZZANINE ABOVE, SEE MECHANICAL DRAWINGS
	AIR CONDITIONING CONDENSER UNIT ON CONCRETE PAD, SEE MECHANICAL DRAWINGS

- NOTES:**
1. CONNECT ALL EMERGENCY/EXIT LIGHT FIXTURES TO NEAREST CONSTANT POWER SOURCE.
 2. THE #2 NEXT TO A RECEPTACLE OR DATA OUTLET DESIGNATES THAT THERE ARE TWO OUTLETS AT THAT LOCATION, ONE OVER THE OTHER (ONE HIGH & ONE LOW ON WALL) EXAMPLE:  OR 
 3. REFER TO INTERIOR ELEVATIONS FOR MOUNTING HEIGHT AND

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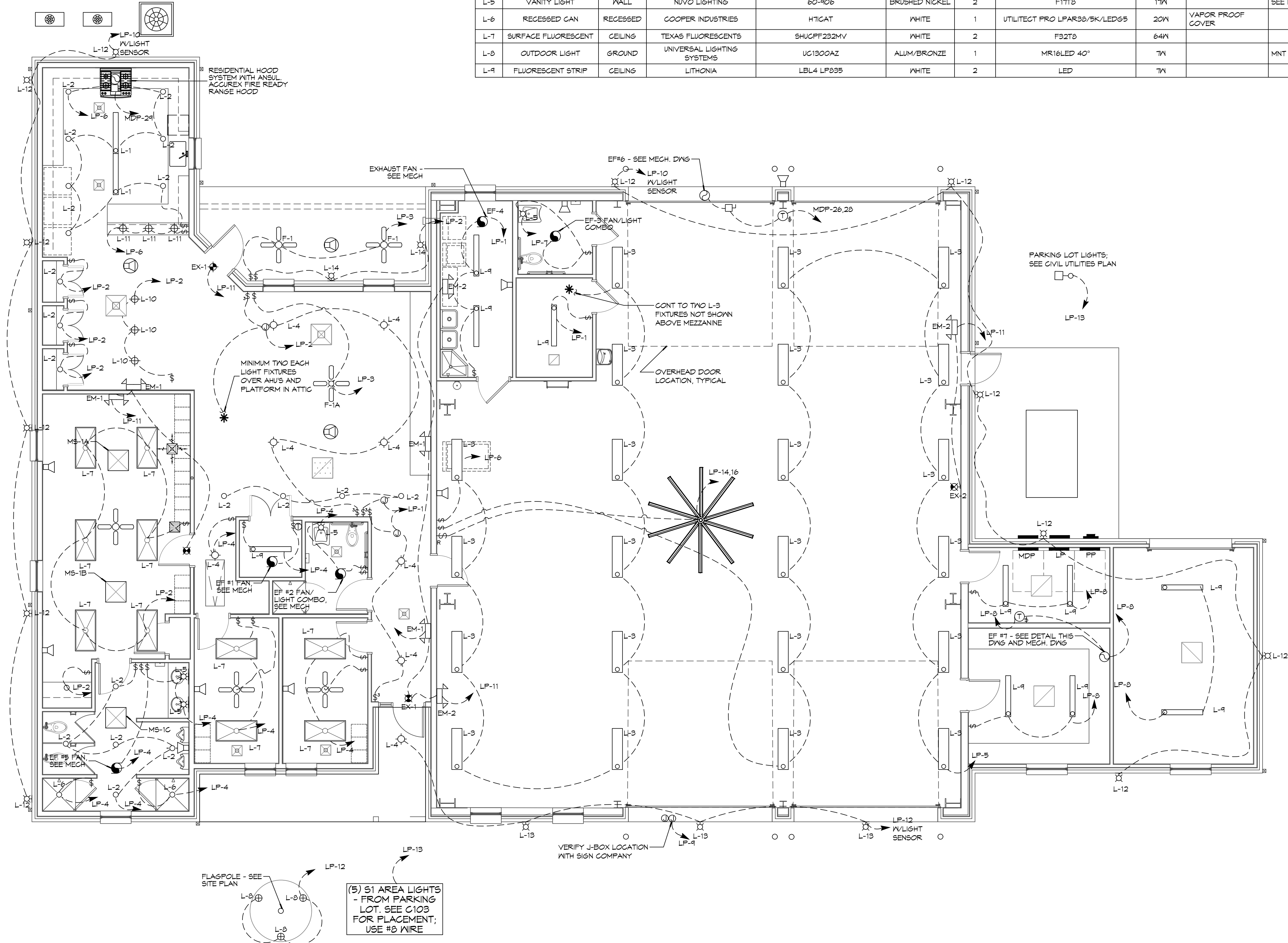
NEW FIRE STATION #10
ST. TAMMANY FIRE PROTECTION
DISTRICT No. 1

SHEET TITLE:
POWER PL A

DRAWING NUMBER

SHEET No: 35 of 37

FILE NAME: J:_Government\2019 - Fire Station - 410 Dammon\General\Drawings\1102-Electrical Lighting Plan and Load Summary.dwg, PLOT DATE: 3/20/2025, 1:14:53 PM, Plotter: HP DesignJet 500, Plot Style: HP-DesignJet 500.ctb, Plot Device: HP DesignJet 500, Plot Date: 3/20/2025, 1:14:53 PM



- ### 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 410.73B.

- ### 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 | CLING MTD FLOOR STRIP |
| CLING MTD FLOOR STRIP | CLING MTD FLOOR STRIP |
| RECESSED CEILING LIGHT | CLING HUNG FLOOR STRIP |
| CLING HUNG FLOOR STRIP | SURFACE MOUNTED LIGHT |
| SURFACE MOUNTED LIGHT | WALL MOUNTED LIGHT |
| WALL MOUNTED LIGHT | CLING MTD FLOOR STRIP |
| CLING MTD FLOOR STRIP | OUTDOOR LIGHT ON PHOTO TIMER - MTD IN GROUND |
| OUTDOOR LIGHT ON PHOTO TIMER - MTD IN GROUND | PENDANT LIGHT FIXTURE |
| PENDANT LIGHT FIXTURE | EXHAUST FAN - SEE MECH |
| EXHAUST FAN - SEE MECH | |
- * EXTEND TO FIXTURE(S) NOT SHOWN - SEE NOTE
\$ LIGHT SWITCH 120V COMMERCIAL GRADE
\$ LIGHT SWITCH - 3-WAY 120V COMMERCIAL GRADE
\$ LIGHT SWITCH - DIMMER 120V COMMERCIAL GRADE
\$ PROVIDED BY MG.

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	3.3 -
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

Chief Engineer: Brian Misch, PE
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PH: 985.649.5832

REVISIONS	DATE	DESCRIPTION
1	5-XX-2015	APPENDIX 1

SEAL:

BRIAN A. MISCH
Professional Engineer
Louisiana No. 30181

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

