

SHEET LIST TABLE

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

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

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

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

BUILDING SECTION CALLOUT TAG
1/AX
1/AX
1/AX
1/AX
1/AX

MALL SECTION CALLOUT TAG
1/AX

SECTION DETAIL CALLOUT TAG
1/AX

ELEVATION CALLOUT TAG
1/AX

DETAIL AREA TAG
DRAWING NUMBER
SHEET DRAWING REFERENCES
SHEET DRAWING APPEARS ON

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
0'-0"
ACT

SPOT ELEVATION IDENTIFIER
EL =

PARTITION TYPE DESIGNATION
P1

KEYNOTE
1

REVISION TAG AND CLOUD
1

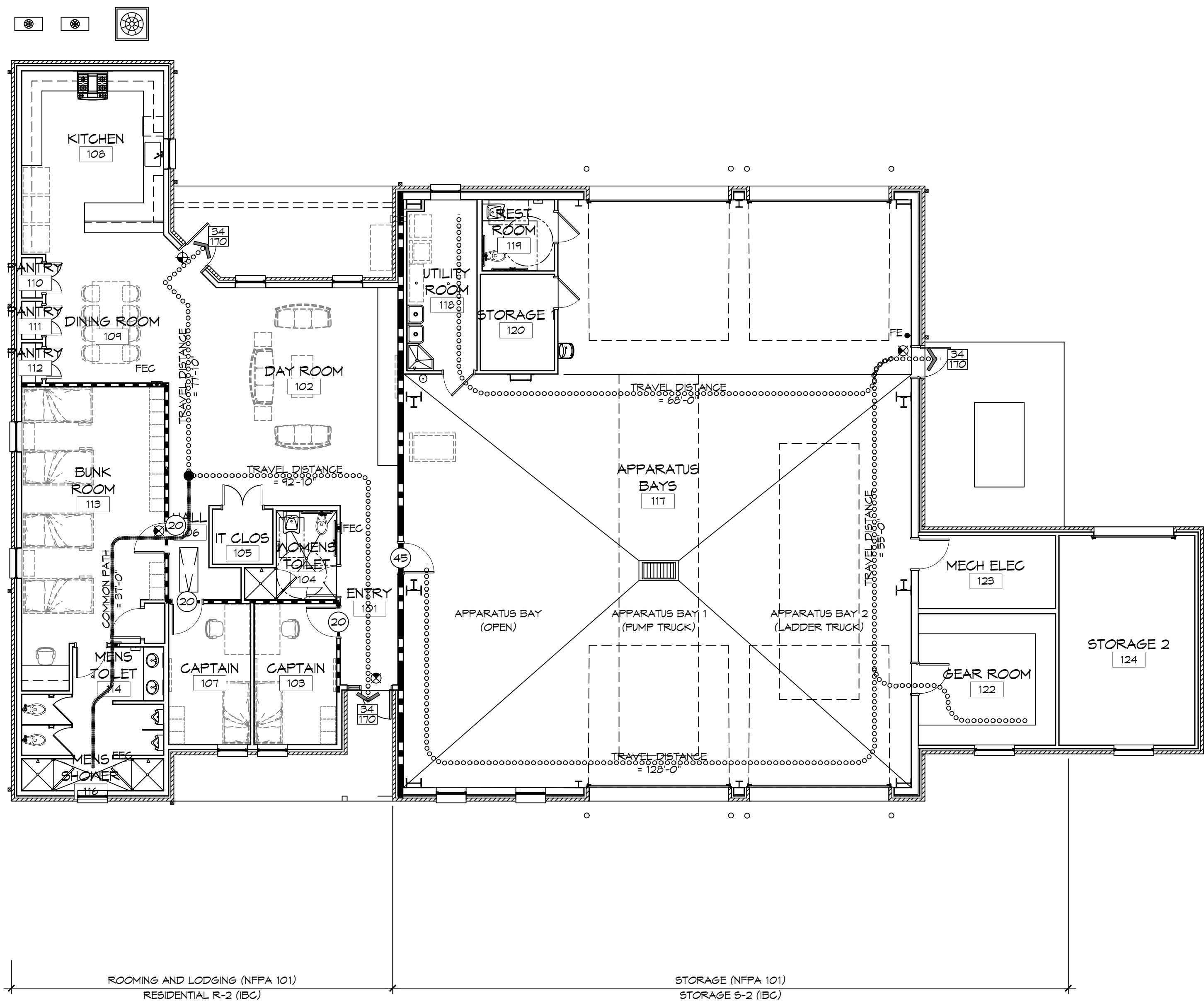
MATERIAL DESIGNATIONS

MATERIAL	PATTERN	MATERIAL	PATTERN	MATERIAL	PATTERN
CONCRETE	[Pattern]	MIRROR IN ELEVATION	[Pattern]	CONCRETE (SECTION)	[Pattern]
BRICK MASONRY	[Pattern]	METAL	[Pattern]	ALUMINUM	[Pattern]
CONC MASONRY UNITS	[Pattern]	RIGID INSULATION	[Pattern]		
FINISH WOOD	[Pattern]	BATT INSULATION	[Pattern]		
END-GRAIN CONSTRUCTION LUMBER (FRAMING)	[Pattern]	TERRAZZO	[Pattern]		
SHIM OR WOOD BLOCKING	[Pattern]	COMPACT FILL	[Pattern]		
PLYWOOD	[Pattern]	MARBLE	[Pattern]		
GYPSUM BOARD, PLASTER, GROUT	[Pattern]	GRASS OR SOD	[Pattern]		

PROJECT LOCATION MAP

Map showing the project location within a larger urban context, including a north arrow and a scale bar.

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
SI01	FOUNDATION PLAN, DETAILS AND NOTES
SI02	CEILING FRAMING PLAN & DETAILS
SI03	ROOF FRAMING PLAN AND DETAILS
SS01	FOUNDATION DETAILS
SS02	STRUCTURAL DETAILS
SS01	TYPICAL CONNECTION DETAILS, SCHEDULES, AND NOTES
ARCHITECTURAL	
A101	ARCHIECTURAL 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	
PI01	PLUMBING PLAN - SEWER AND WASTE, AND MISC PLUMBING DETAILS
PI02	PLUMBING PLAN - WATER AND GAS
PI03	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



1 LIFE-SAFETY PLAN

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

LIFE-SAFETY INFORMATION

APPLICABLE CODES NFPA 101 LIFE-SAFETY CODE 2015			
OCCUPANCY TYPE(S) AND CHAPTER(S) ROOMING OR LODGING (CHAPTER 26)			
BUSINESS (CHAPTER 35)			
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 B.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)			
OGG/FUNCTION OF SPACE	FLOOR AREA PER OGG (SF)	ACTUAL SF	OCCUPANT LOAD
	X		
ROOMING & LODGING	200	2,624 SF	14
STORAGE (S-2)	500	3,902 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 = 38'-10"			
MAXIMUM DEAD-END CORRIDORS (REFERENCE: OCCUPANCY CHAPTER AND TABLE A.7.6)			
ROOMING & LODGING	NR		
STORAGE	100		
MAXIMUM COMMON PATH OF TRAVEL (REFERENCE: OCCUPANCY CHAPTER AND TABLE A.7.6)			
DISTANCE			
ROOMING & LODGING	NR		
STORAGE	100'		
MAXIMUM TRAVEL DISTANCE TO EXITS (REFERENCE: OCCUPANCY CHAPTER AND TABLE A.7.6)			
ROOMING & LODGING	NR		
STORAGE	400'		
CAPACITY OF MEANS OF EGRESS (REFERENCE: 7.3 AND TABLE 7.3.3.1)			
COMPONENT	OCCUPANT LOAD	X CAPACITY FACTOR	MINIMUM WIDTH
EXITS	23	0.2	5"
*MAIN ENTRANCE MUST BE SIGNED TO ACCOMMODATE 1/2 OCCUPANT LOAD OF BUILDING			
FIRE RESISTANCE RATING REQUIREMENTS			
CHAPTER 8			
EXTERIOR BEARING WALLS (REFERENCE TABLE A.8.2.1.2) 0 HOURS			
INTERIOR BEARING WALLS (REFERENCE TABLE A.8.2.1.2) 0 HOURS			
COLUMNS (REFERENCE TABLE A.8.2.1.2) 0 HOURS			
BEAMS, GIRDERS, TRUSSES, AND ARCHES (REFERENCE TABLE A.8.2.1.2) 0 HOURS			
FLOOR-CEILING ASSEMBLIES (REFERENCE TABLE A.8.2.1.2) 0 HOURS			
ROOF-CEILING ASSEMBLIES (REFERENCE TABLE A.8.2.1.2) 0 HOURS			
INTERIOR NON-BEARING WALLS (REFERENCE TABLE A.8.2.1.2) 0 HOURS			
EXTERIOR NON-BEARING WALLS (REFERENCE TABLE A.8.2.1.2) 0 HOURS			
SHAFT ENCLOSURE (SECTION 8.6.5) 0 HOURS			
EXIT ENCLOSURE 1 HOUR			
OPENING PROTECTIVES (CHAPTER 8, TABLE 8.3.4.2)			
COMPONENT	WALLS & PART FIRE RATING (HR)	FIRE DOOR ASSEMBLIES	FIRE WINDOW ASSEMBLIES
ELEVATOR	1 HR	1 HR	1 HR
STAIRWAYS	1 HR	1 HR	1 HR
SMOKE BARRIERS	1 HR	1/3 HR	1/3 HR
ADDITIONAL CODE REQUIREMENTS (OCCUPANCY CHAPTER 36)			
EXTINGUISHMENT REQUIREMENTS (SPRINKLER (REQUIRED))			
DETECTION, ALARM, AND COMMUNICATION SYSTEMS YES			
EMERGENCY LIGHTING PER 30.2.6			
EMERGENCY LIGHTING PER 30.2.11.2			
ALLOWABLE HEIGHT AND BUILDING AREA PER IBC EQUIVALENT CONSTRUCTION TYPE			
CONSTRUCTION TYPE (NFPA) V(000)			
CONSTRUCTION TYPE (IBC) VB			
MAXIMUM HEIGHT IN STORIES (REF: IBC TABLE 503) (R-2) 3			
MAXIMUM HEIGHT IN FEET (REF: IBC TABLE 503) (S-2) 4			
MAXIMUM AREA IN SQUARE FEET (REF: IBC TABLE 503) 50 FEET			
MAXIMUM AREA IN SQUARE FEET (R-2) 12,000 SF			
MAXIMUM AREA IN SQUARE FEET (S-2) 21,000 SF			

LIFE-SAFETY LEGEND

SYMBOL	DESCRIPTION
	EXITS
	DOOR FIRE RATING (MINUTES)
	DOOR WIDTH/EGRESS CAPACITY
	EXIT LIGHT
	FIRE EXTINGUISHER AND CABINET - SEMI-RECESSED
	FIRE EXTINGUISHER 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

IBC 2021			
OCCUPANCY TYPE OF GROUP (S)		(IBC 2021 CHAPTER 13)	
STORAGE (S-2)			
RESIDENTIAL (R-2)			
CONSTRUCTION TYPE(S)		(TABLE 503)	
VB			
ALLOWABLE HEIGHT AND BUILDING AREA LIMITED BY TYPE OF CONSTRUCTION			
MAXIMUM HEIGHT IN STORIES (SECTION 503 & 504, TABLE 503)		2	
MAXIMUM AREA IN SQUARE FEET (SECTION 503, 506 & 507, TABLE 503)		(R-2) 12,000 SF (S-2) 21,000 SF	
MIXED USED OCCUPANCY			
SECTION 508			
INCIDENTAL ACCESSORY OCCUPANCIES (HR) (TABLE 509.2.5)			
ROOM OR AREA		SEPARATION	
N/A		N/A	
REQUIRED SEPARATION OR OCCUPANCIES (HR) (TABLE 509.4)			
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 109.8			
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 RATINGS (SECTION 708.4)		NO PER 708.2.1.1	
EXIT ENCLOSURE - NOTE REQUIRED RATINGS (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)			
OCCUPANCY/FUNCTION SPACE		FOOR AREA/OCCUPANT (SF)	OCCUPANT LOAD
R-2		2,624 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 1005)			
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 & 1009.1)	44"
MAXIMUM DEAD END CORRIDOR		(SECTION 1019.4)	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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Stidell LA 70458
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[illegible]

SEAL:



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

2745 LAKESHORE VISTA BLVD

JO8 No:	2519	DATE:	12-03-2025
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DRAWN BY:	CKD	CHECKED BY:	MS
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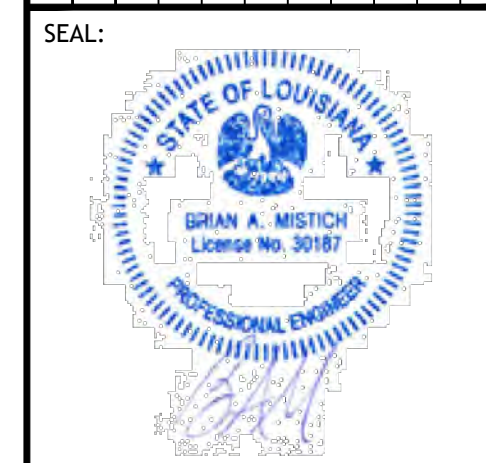
SHEET TITLE:
LIFE-SAFETY AND BUILDING
CODE INFORMATION

DRAWING NUMBER:

LS101

SHEET No: 4 of 37

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

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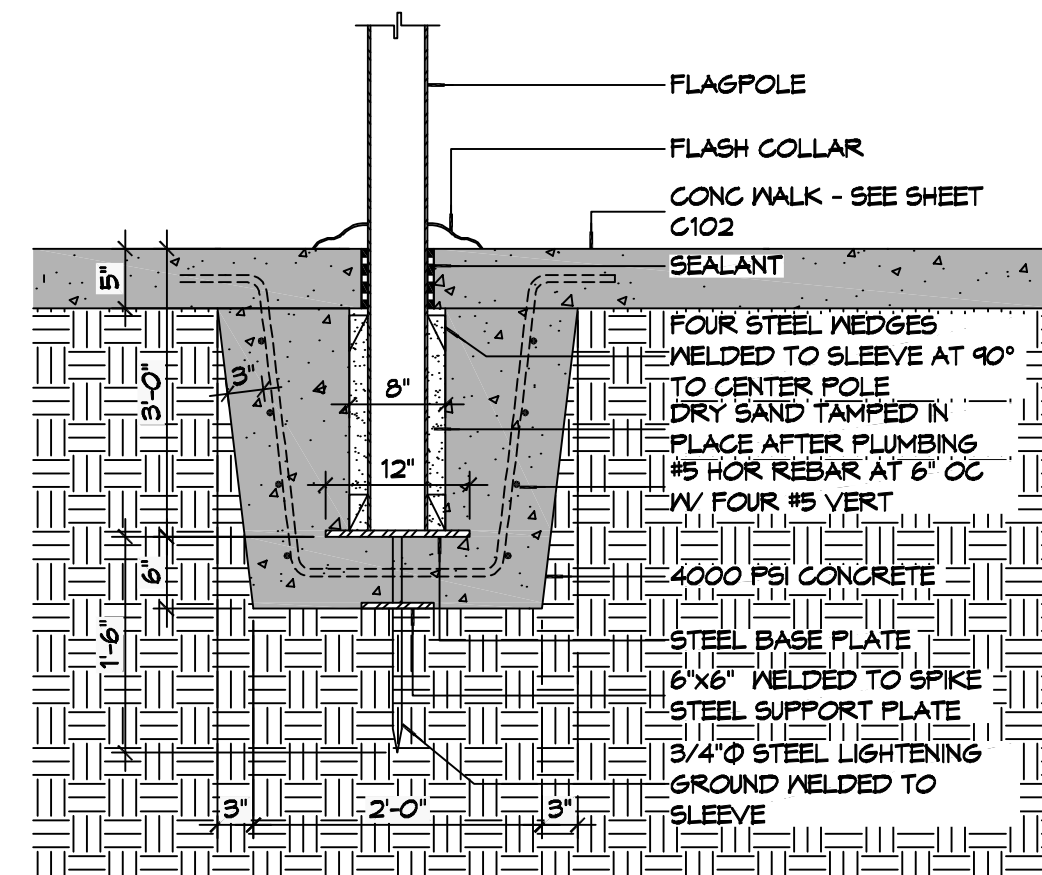
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ST. TAMMANY FIRE PROTECTION
DISTRICT NO. 1

JOB No:	2519	DATE
DRAWN BY:	CKD	CHECKED

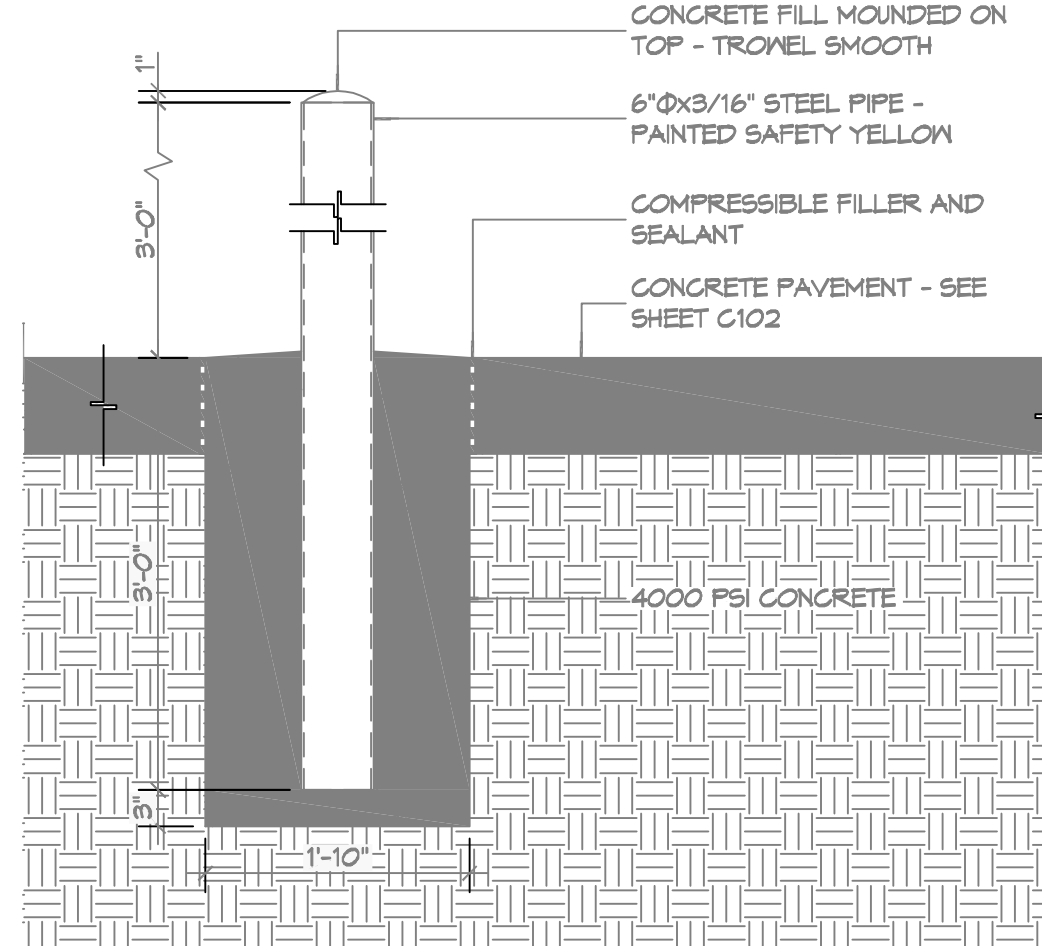
SHEET TITLE:
PROPOSED SITE PLAN

DRAWING NUMBER:

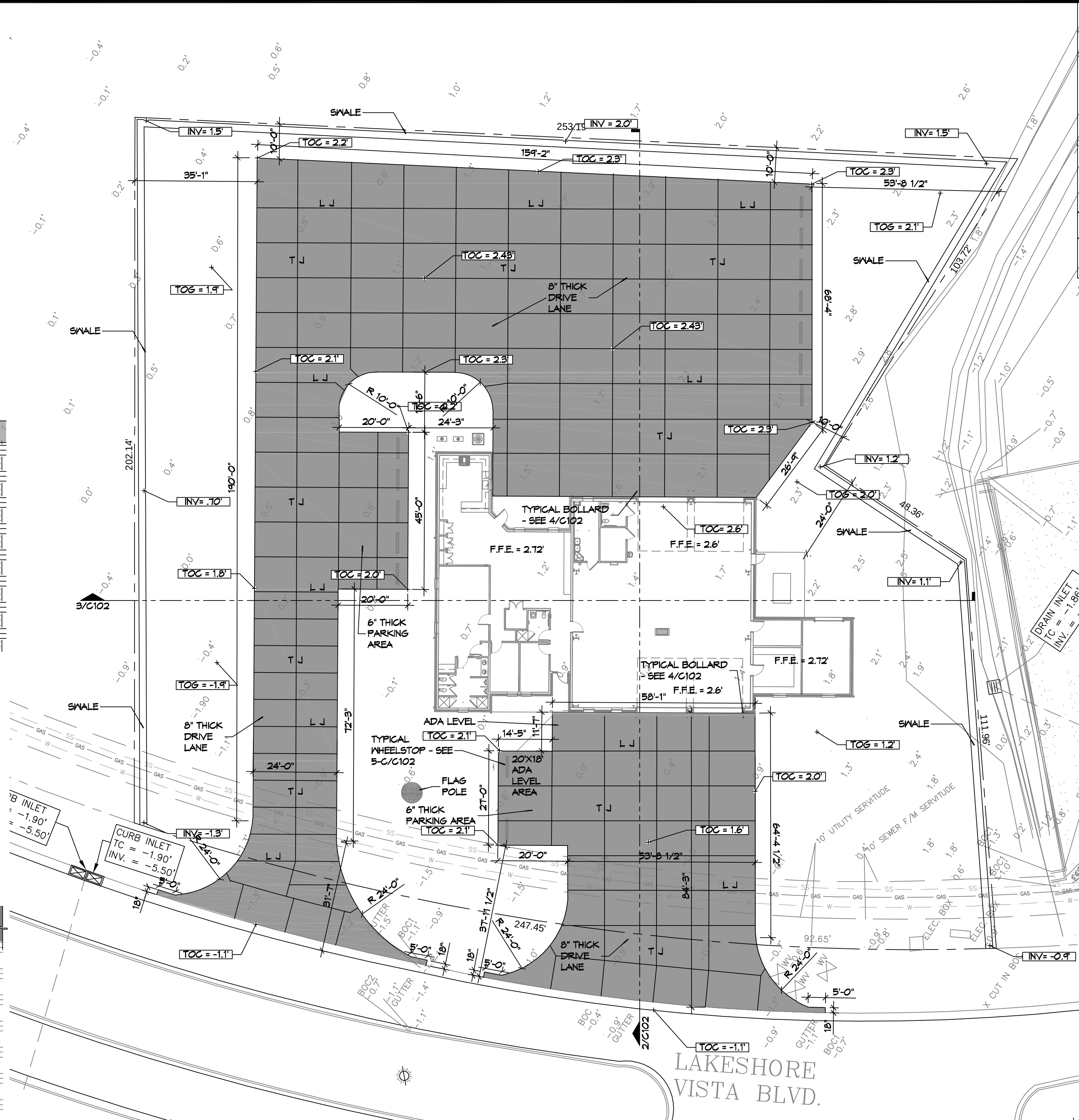
C101



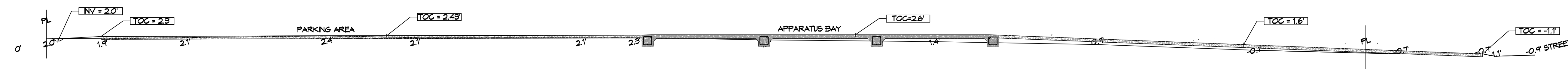
6 DETAIL
SCALE: 3/4" = 1'-0" FLAGPOLE FOUNDATION



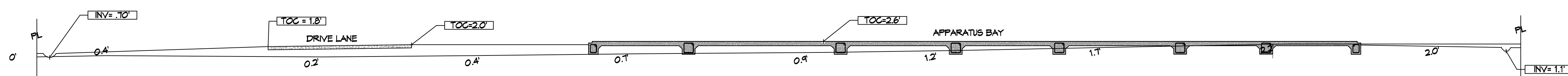
4 **DETAIL**
SCALE: 3/4" = 1'-0" TYPICAL BOLLARD



1 PAVING PLAN

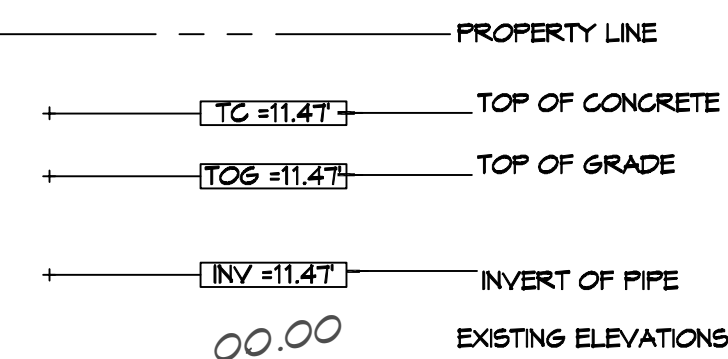


2 SITE PROFILE



3 SITE PROFILE

SITE DRAINAGE LEGEND

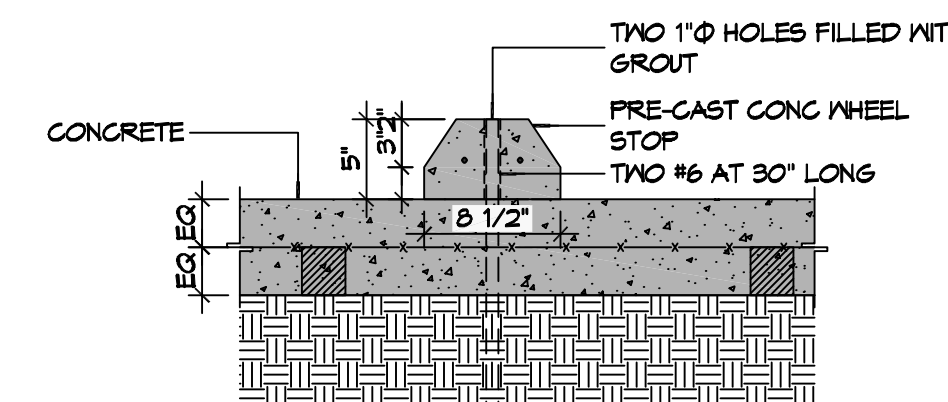


AREA OF FILL (CUBIC YARDS)

/ 2,840 CUBIC YARDS

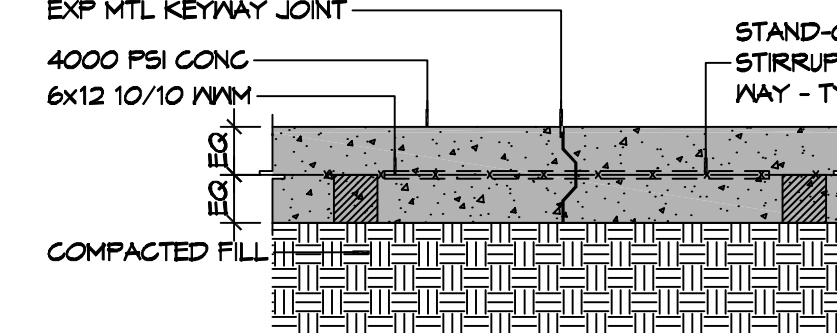
GENERAL PAYING NOTES

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 RECOMMENDATIONS.
5. ALL SUB GRADE FILL SHALL BE SELECT GRANULAR MATERIAL, COMPACTED TO 95% STANDARD PROCTOR DENSITY IN A MAXIMUM OF 6' LIFTS.
6. CONTRACTOR SHALL CONTACT THEIR REGULATORY DEPARTMENT OF ENGINEERING PRIOR TO CONDUCTING ANY WORK.
7. ANY WORK WITHIN THE ROADWAY OR ADJACENT TO THE ROADWAY CAUSING AN INTERFERENCE TO VEHICULAR TRAFFIC MUST CONFORM TO THE REQUIREMENTS SET FORTH BY THE UNIFORM MANUAL OF TRAFFIC CONTROL DEVICES OF THE STATE OF LOUISIANA. THE CONTRACTOR MUST FURNISH ALL NECESSARY TRAFFIC SIGNS AND/OR BARRICADES AND MAINTAIN THEM DURING CONSTRUCTION ACTIVITY.

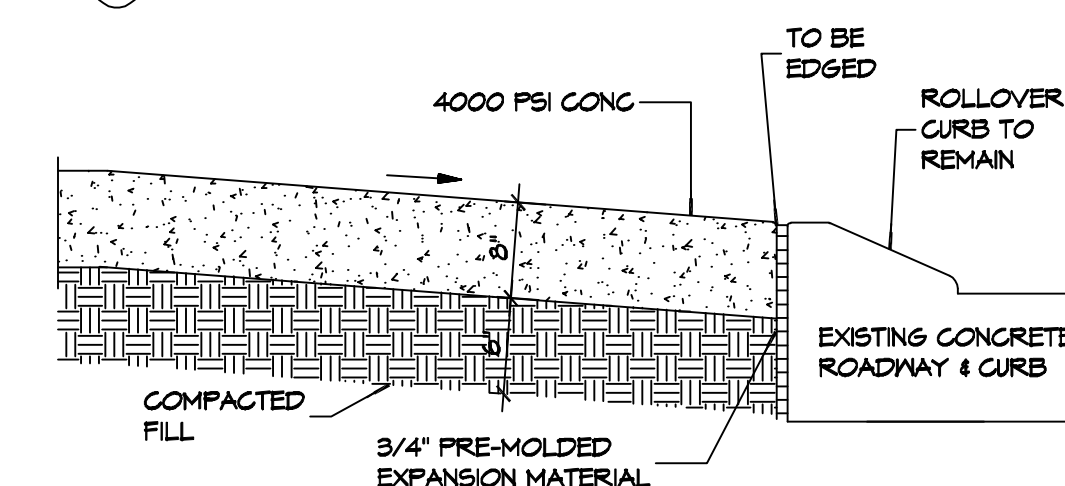


(C) TYPICAL WHEEL STOP

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.



B TYPICAL PAVEMENT JOINT



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

EXISTING PAYING TO NEW PAYING

5 PAVING DETAIL

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[illegible]

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

2745 LAKESHORE VISTA BLVD

JOB No: _____

DRAWN BY: _____

SHEET TITLE:
DETAIL SITE GRADING AND
PAVING PLAN, PAVING
DETAILS

DRAWING NUMBER:

C102

2 DETAIL
SCALE: NTS
SERVICE LATERAL DETAIL

3 DETAIL
SCALE: NTS
THROUGH FLOW CLEAN OUT DETAIL

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

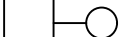
SITE LIGHTING

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

GENERAL SITE UTILITIES NOTES

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

SITE UTILITIES LEGEND

-  — DW ——— EXISTING WATER LINE
 — DW ——— NEW WATER LINE
 — GAS ——— EXISTING GAS LINE
 — GAS ——— NEW GAS LINE
 — S ——— EXISTING SEWER LINE
 — S ——— NEW SEWER LINE
 — W ——— NEW WASTE LINE
 — P ——— UNDERGROUND POWER
 — ST ——— STORM WATER
-  ——— CO
 ——— LINE CLEAN OUT
 ——— CONNECTION TO EXIST
 ——— METER (WATER OR GAS)
 ——— CHECK VALVE
 ——— (BACK FLOW PREVENTER)
 ——— SEE LIGHTING SCHEDULE E102

CONTACT FOR ATMOS ENERGY
Kathleen A DuFour
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Steve Ernst
Director, Louisiana Regulatory Relations
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1 SITE UTILITIES PLAN

5 DETAIL
SCALE: N.T.S. SEWER AND WATER SEPERATION

NOTE:

A MINIMUM SEPARATION OF 5' HORIZONTAL AND 18" VERTICAL, IS REQUIRED BETWEEN WATER AND SEWER LINES. SEWER LINE SHALL BE A MINIMUM 18" BELOW THE WATER LINE.



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

WATER SERVICE CONNECTION
SCALE: N.T.S. TYPICAL

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

GRINDER PUMP

SCALE: N.T.S.

TYPICAL

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

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

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

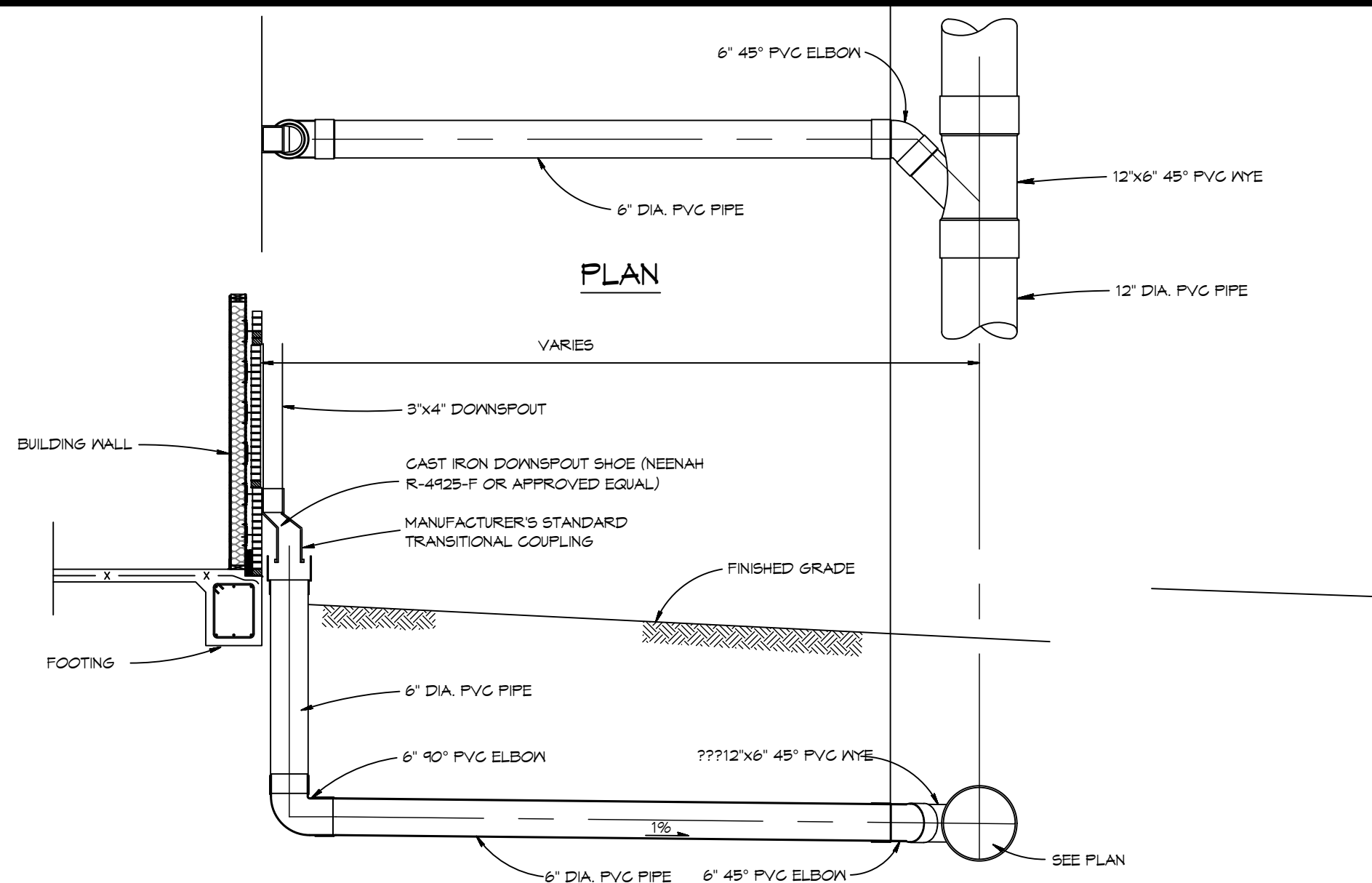
SHEET TITLE:
SITE PLAN - SITE UTILITIES
AND DETAILS

DRAWING NUMBER:

C103

SHEET No: 7 of 37

554 Old Spanish Trail
Slidell, LA 70458
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SITE DRAINAGE LEGEND

— — — — — PROPERTY LINE

+ ——— **TC = 11.47'** ——— TOP OF CONCRETE

+ ——— **TG = 11.47'** ——— TOP OF GRADE

+ ——— **INV. = 11.47'** ——— INVERT OF PIPE

00.00 EXISTING ELEVATIONS

— ST — ST — ST NEW SUBSURFACE DRAINAGE PIPE

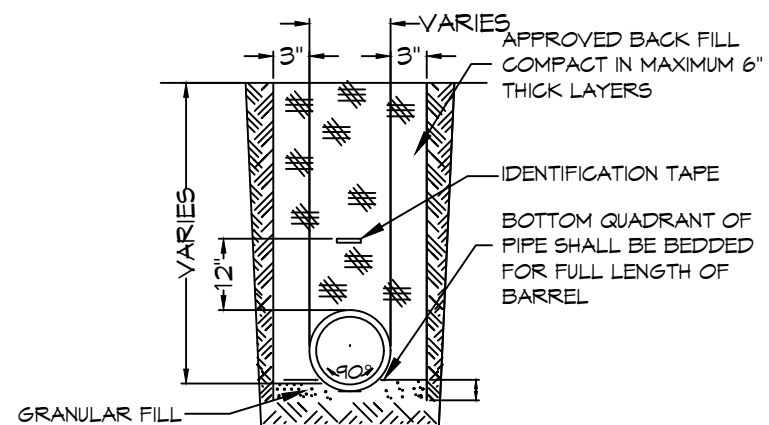
└———> DRAINAGE FLOW DIRECTION ARROWS

- # GENERAL SITE DRAINAGE NOTES
-
1. DRAIN PIPE(S) 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. DRAIN PIPE AND FITTINGS WITHIN PROPERTY LINE SHALL BE POLY/VINYL CHLORIDE PLASTIC PIPE, MEETING CLASS 100 C-900 PVC.
 3. ELEVATIONS SHOWN ARE M.S.L.
 4. FIELD VERIFY ALL ELEVATIONS AND AND DRAINAGE SYSTEM PLACEMENT PRIOR TO START OF WORK.
 5. 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.
 6. MAINTAIN ALL DRAINAGE FOR PROPER PERFORMANCE.

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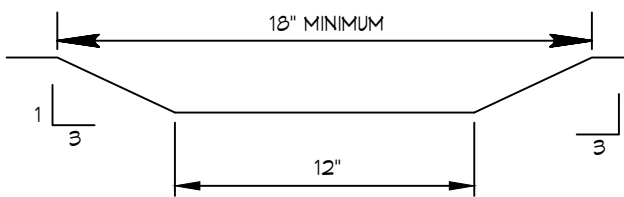
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4 DETAIL
SCALE: N.T.S.

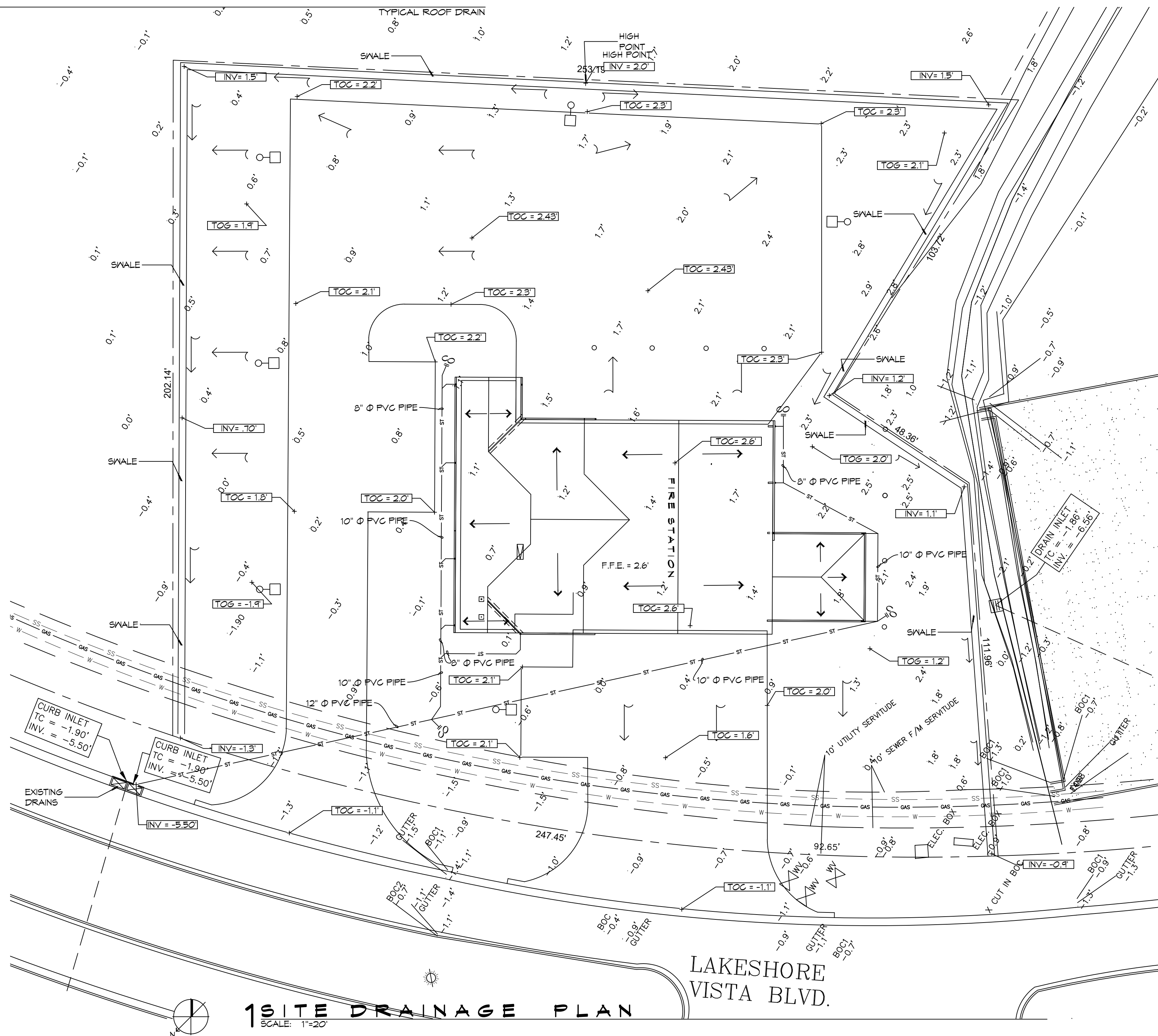


- NOTES:**
- 1) DRAIN PIPE & FITTINGS SHALL BE POLYVINYL CHLORIDE PLASTIC PIPE, MEETING CLASS 100 C-900 PVC.
 - 2) ELEVATIONS SHOWN ARE M.S.L.

3 DETAIL



2 DETAIL
SCALE: N.T.S.

[illegible]

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

2745 LAKESHORE VISTA BLVD

DATE: 12-03-2025	2519	DATE: 12-03-2025
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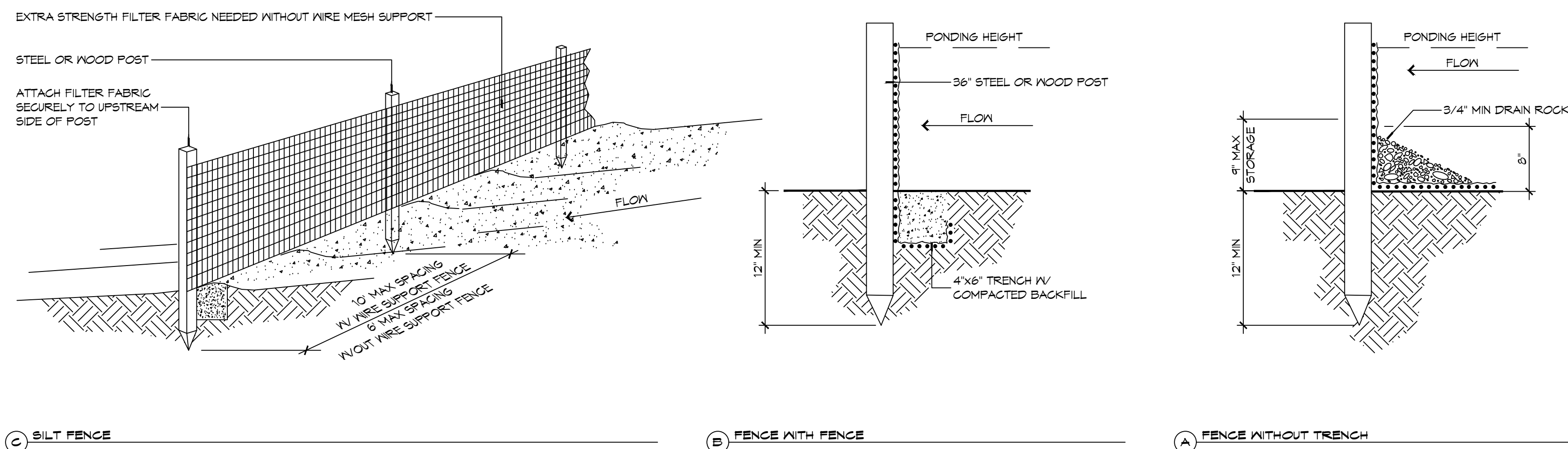
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SHEET TITLE:
SITE PLAN - DRAINAGE
AND DETAILS

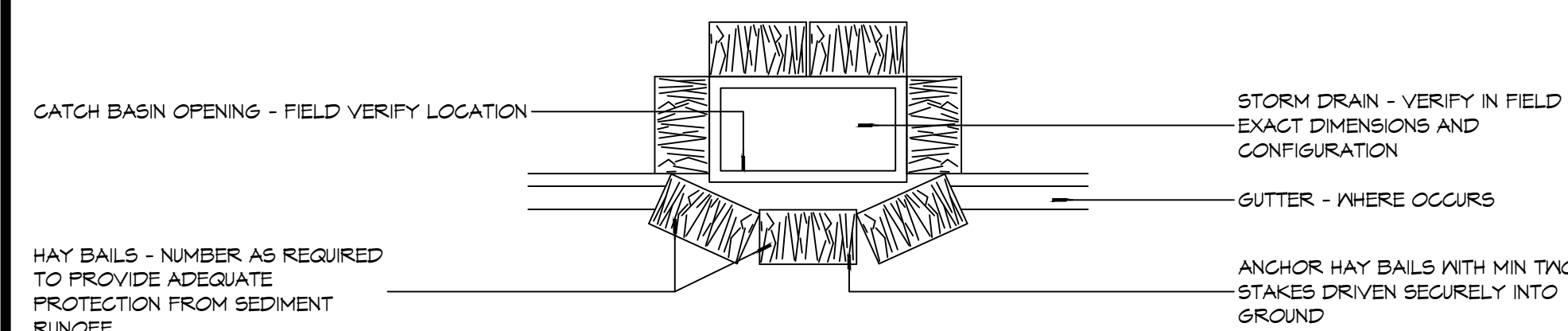
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C104

SHEET No: 8 of 37



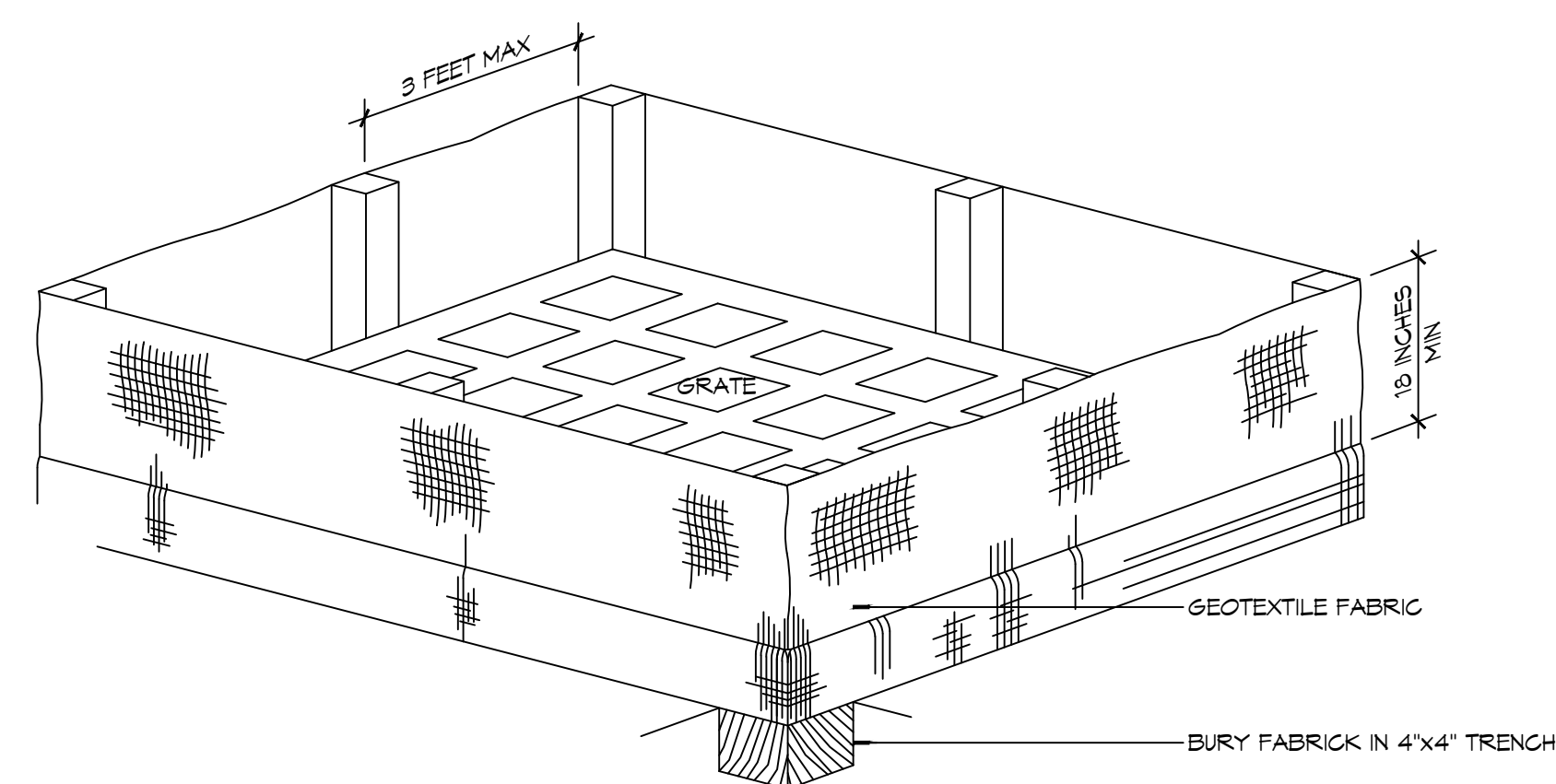
C SILT FENCE
 4 DETAILS
 SCALE: NTS



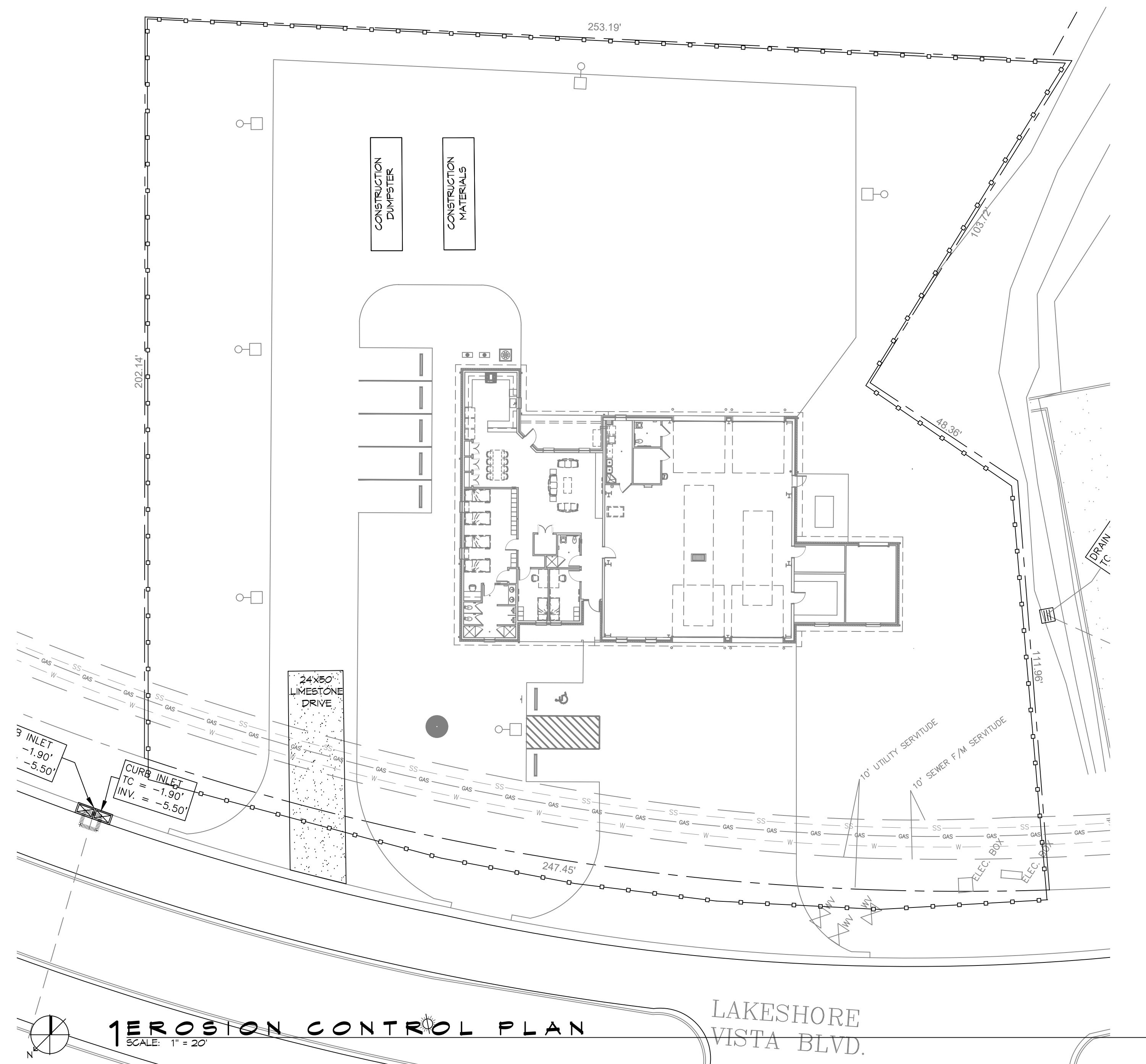
3 DETAIL

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 POSTS WITH 1/2" STAPLES.
4. THE FABRIC SHOULD BE INSPECTED REGULARLY AND AFTER EACH STORM. THE SEDIMENT SHALL BE REMOVED AND MAKE SURE EACH STAKE IS FIRMLY IN THE GROUND.



2 DETAIL



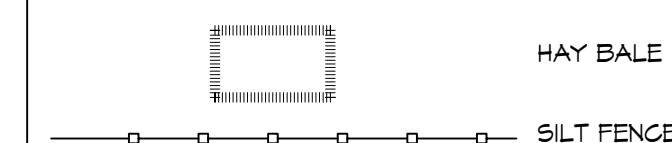
GENERAL EROSION CONTROL NOTES

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 STRIP 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 WILL BE PLACED ON SLOPE CONTOURS TO MAXIMIZE FLOODING 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.

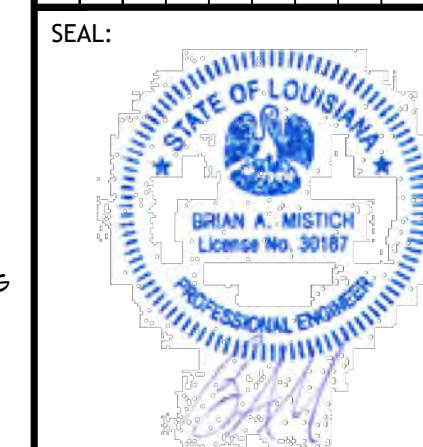
EROSION CONTROL LEGEND



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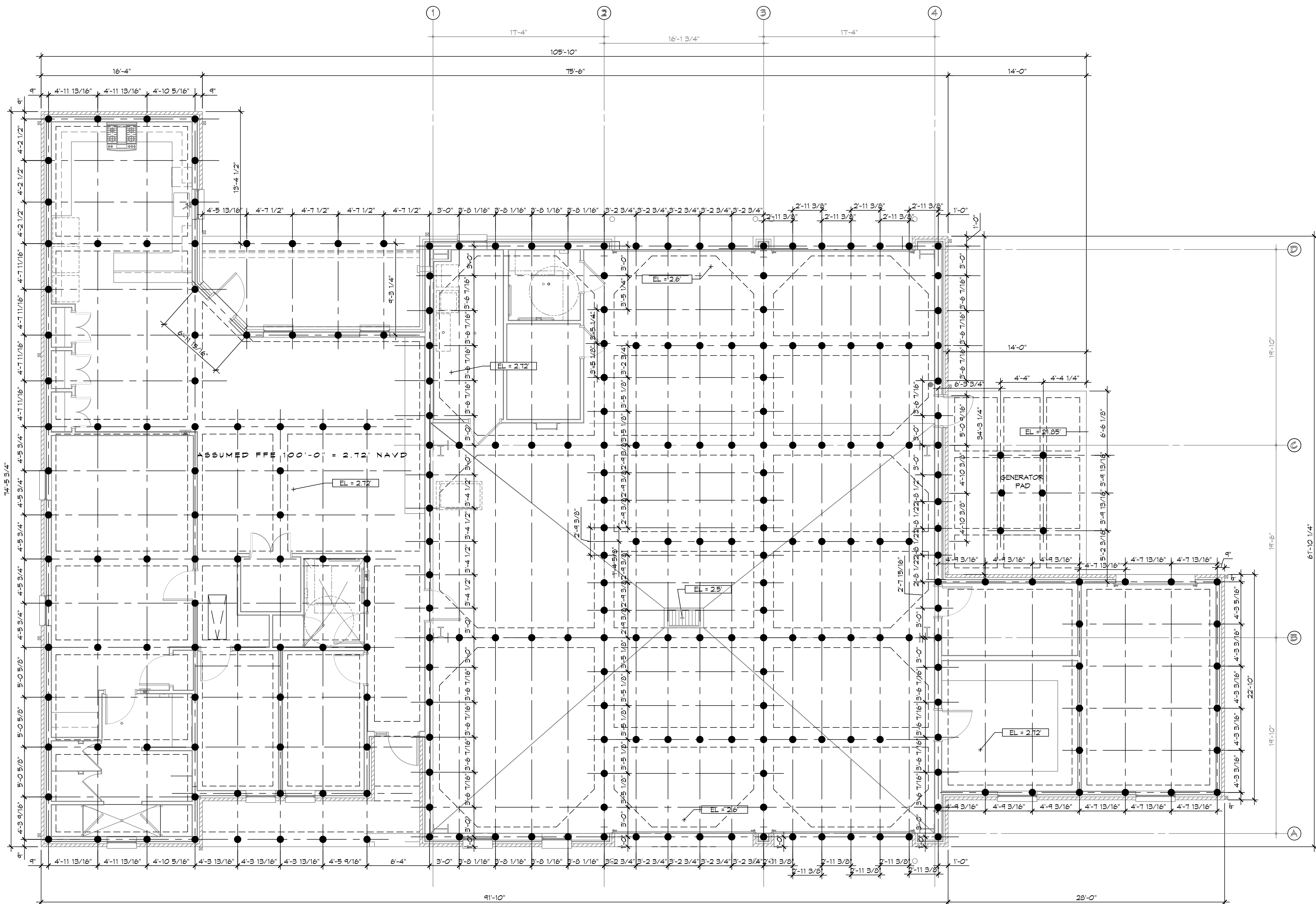
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NEW FIRE STATION #10
ST. TAMMANY FIRE PROTECTION
DISTRICT No. 1

SHEET TITLE:
SITE PLAN - EROSION
CONTROL AND DETAILS

DRAWING NUMBER

C105



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

PILING NOTES

1. PILES ARE TO BE 30 FT. IN LENGTH WITH A 6 INCH TIP AND 8" BUTT. DRIVEN TO REFUSAL.
2. ALL PILES SHALL BE PRESSURE-TREATED ROUND TIMBER PILES CONFORMING TO ASTM D25.
3. DESIGN LOAD = 8 TONS PER PILE.
4. NO FIELD SUPERVISION OR INSPECTION PROVIDED UNDER THIS SEAL UNLESS OTHERWISE NOTED.
5. PILE LAYOUT MAY BE MODIFIED DUE TO ACTUAL DRIVING CONDITIONS. ENGINEER TO BE NOTIFIED ON ANY MODIFICATION.
6. A PILE BLOW COUNT LOG OF ALL PILES IS TO BE SUBMITTED TO THE ENGINEER OF RECORD. FAILURE TO SUBMIT SAID LOG WILL RELEASE THE ENGINEER OF ALL RESPONSIBILITY.
7. CONTRACTOR IS RESPONSIBLE FOR THE COMPARISON & VERIFICATION OF PILE LAYOUT DIMENSIONS WITH MOST RECENT ARCHITECTURAL DRAWINGS, ASSURING THAT PILES DO FALL WITHIN LIMITS OF THE DESIGN.
8. USE DROP HAMMER OR SINGLE ACTING AIR HAMMER DELIVERING 1,500 FT.-LBS OF ENERGY PER BLOW, RAM HEIGHT OF DROP HAMMER SHALL NOT EXCEED 2,500 TO 3,000 LBS AND THE DROP SHOULD NOT EXCEED 3 FT. MINIMUM DROP HEIGHT. IF THE DROP EXCEEDS 3 FT., CONTACT ENGINEER FOR INSTRUCTIONS.
10. FIELD VERIFY DIMENSIONS AGAINST THE ARCHITECTURAL DRAWINGS

PILING COUNT

265 PILING COUNT

[illegible]

SEAL



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

CTHE | AKESHOPE VISTA BLVD

JOB No:	2519	DATE:	12-03-2025
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SHEET TITLE:
PILING GENERAL
ARRAIGNMENT

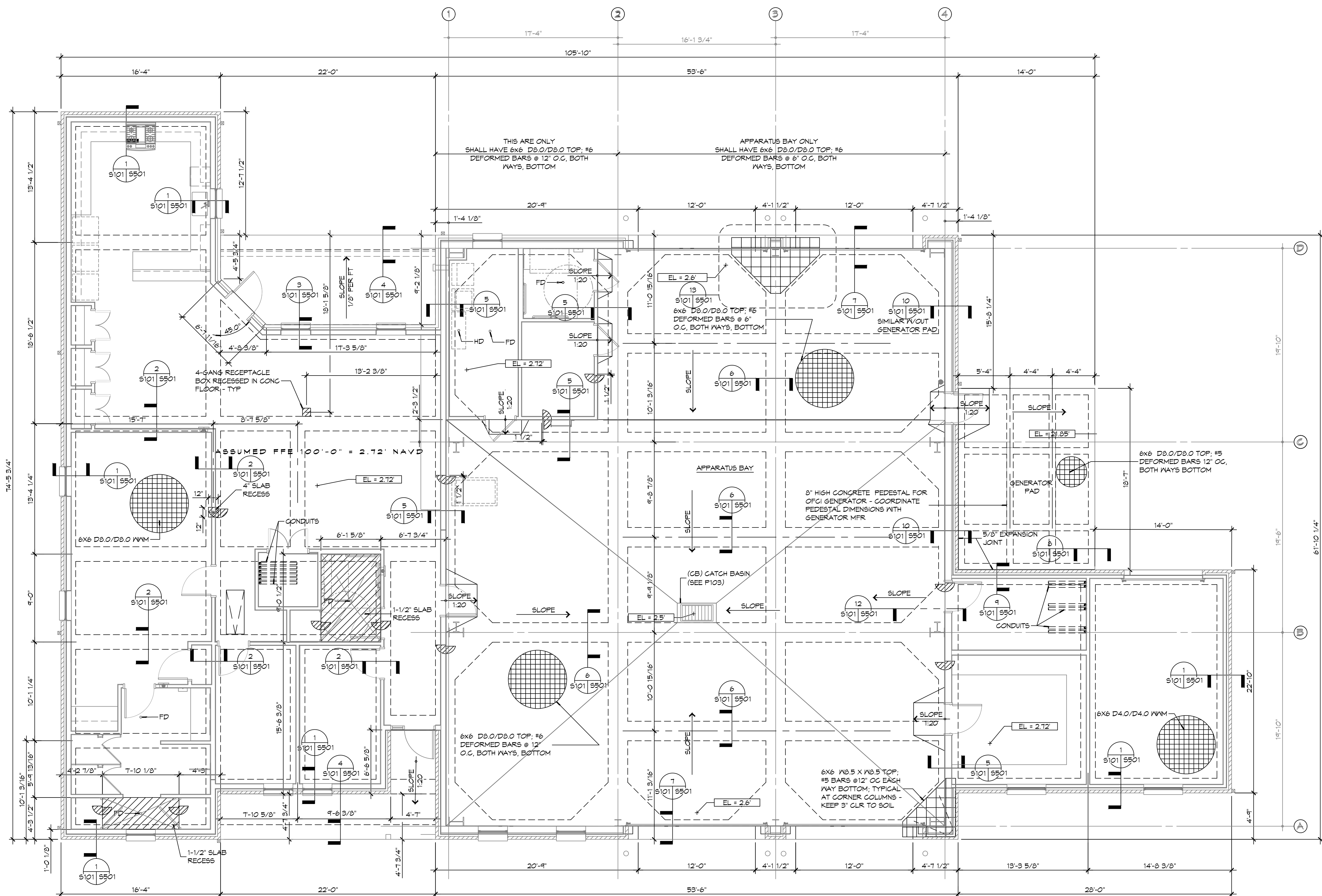
DRAWING NUMBER

PGA

SHEET No. _____

11 of 3

Chief Engineer: Brian Mistich, PE
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www.dammonengineering.com



1
S101 S101
SCALE: 3/16" = 1'-0"

GENERAL FOUNDATION NOTES

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 P101 & 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 1145 CLASS A, PERMEANCE LESS THAN 0.01 PERMS, EQUAL TO STEGO INDUSTRIES STEGO VAPOR. ECOSHEED-E 19 MIL BY ECOLINE CORPORATION. 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, SHOULD BE DESIGNED FOR 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 TERMITE TREATMENT IN ACCORDANCE WITH SPECIFICATIONS.
12. ALL UTILITY LINES IN THE BUILDING AREA SHOULD BE HUNG FROM THE SLAB. FLEXIBLE CONNECTIONS MUST BE PROVIDED TO ACCOMMODATE 1/2" AND 3/4" INCHES OF MOVEMENT. WHERE THE LINES EXTEND FROM PILE SUPPORTED TO NON-PILE SUPPORTED AREAS, HANGERS AND CONNECTIONS USED SHOULD BE MADE OF STAINLESS STEEL, MEETING THE APPLICABLE BUILDING CODE.

GENERAL SITE PREP NOTES

1. THE GC SHALL EMPLOY A GEOTECHNICAL ENGINEER TO MONITOR SITE CONDITIONS DURING THE PREP WORK OF THE SITE FOUNDATION. REMOVE EXISTING NEAR SURFACE TOPSOIL WITH ORGANICS AND OTHER DELETERIOUS MATERIALS, APPROXIMATELY 8 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 TIERED 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 OF THE GRADES, SWELLS, AND SUMPS. PUMPS AS MAY 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 BY GRADING, SWELLS, AND WATER 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 STATISTICS

FOUNDATION AREA:

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

DAMMON
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[illegible]

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

2745 LAKESHORE VISTA BLVD
SUITE 101 | A 70461

JOB No:	2519	DAT
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DRAWN BY:	CKD	CHE
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SHEET TITLE:
FOUNDATION PLAN,
DETAILS AND NOTES

DRAWING NUMBER:

S101

FILE NAME: J:\- Commercial\3102 - Fire Station 410 (Firestation)\General Details\3102 - Ceiling Framing Plan & Details.dwg DATE: 01/12/2025 12:00:53 AM

DESIGN CRITERIA

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

GENERAL CEILING FRAMING NOTES

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

LEGEND

- ← 2x8 → CEILING JOIST SPAN DIRECTION AND JOIST SIZE
-  EXTENTS OF 3/4" PLYWOOD DECK
-  EXTENTS OF 5/8" PLYWOOD DECK
-  FRAMED OPENING

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

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

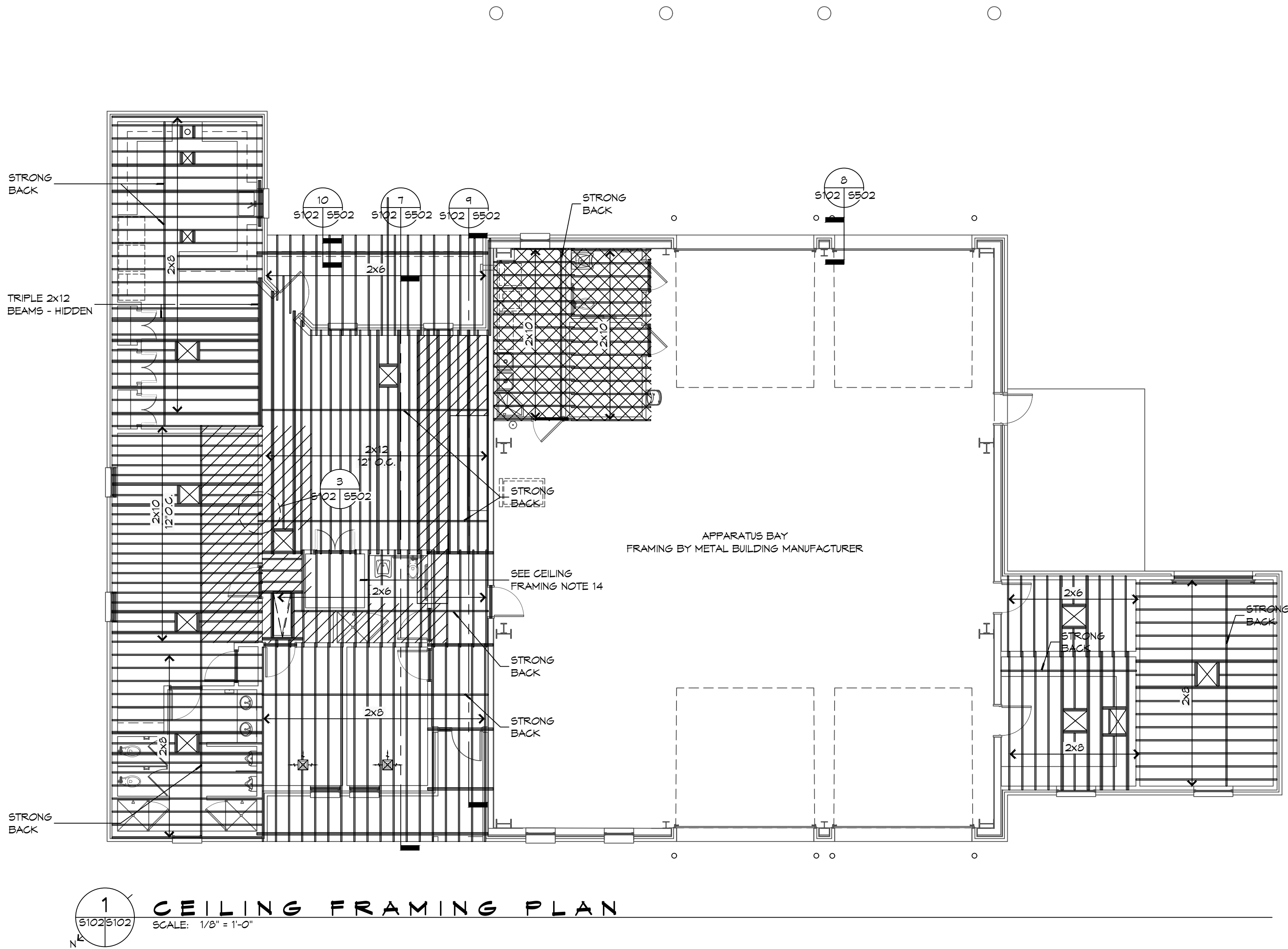
MAXIMUM SPAN 16'-0"
NOTE: BUILDING WIDTH IS MEASURE PERPENDICULAR TO THE RIDGE. FOR WIDTHS BETWEEN THOSE SHOWN, SPANS ARE PERMITTED TO BE INTERPOLATED.

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

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

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

NOTE:
1. ALL HEADERS SHALL HAVE SOLID BLOCKING.



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REVISIONS	DATE
#	DESCRIPTION



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

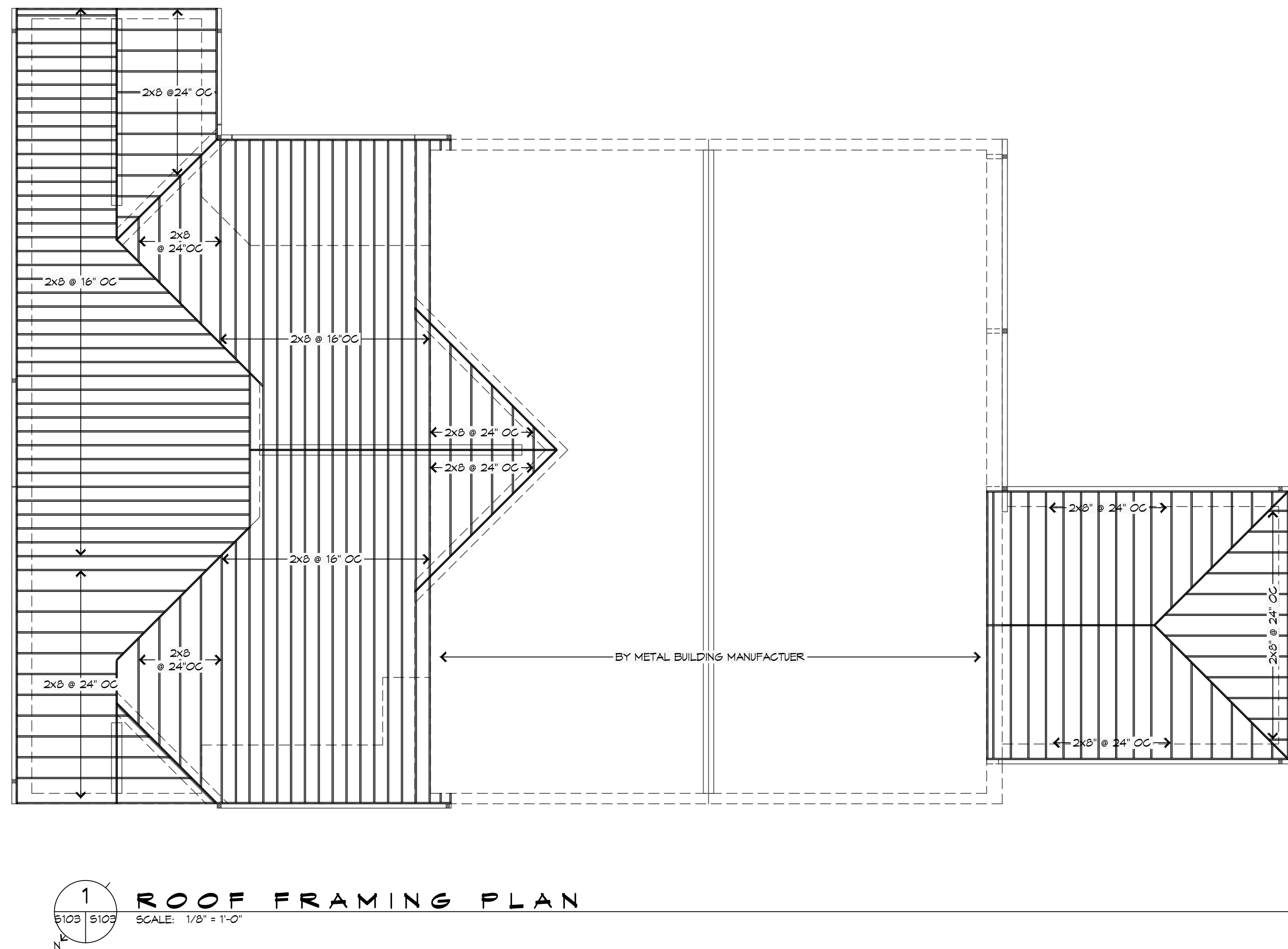
2148 LAKESHORE VISTA BLVD
SLIDELL, LA 70461

JOB No: 2514 DATE: 12-05-2025
DRAWN BY: CKD CHECKED BY: BAK

SHEET TITLE:
CEILING FRAMING PLAN AND DETAILS

DRAWING NUMBER:

S102



GENERAL ROOF FRAMING NOTES

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

[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:
ROOF FRAMING AND
DETAILS

DRAWING NUMBER:

S103

4 FOUNDATION DETAIL

SCALE: 1" = 1'-0"

13 FOUNDATION DETAIL

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

10 FOUNDATION DETAIL

SCALE: 1" = 1'-0"

7 FOUNDATION DETAIL

35015101 SCALE: 1" = 1'-0"

3 FOUNDATION DETAIL

35015101 SCALE: 1" = 1'-0"

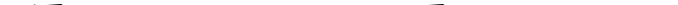
12 FOUNDATION DETAIL

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

9 FOUNDATION DESIGN

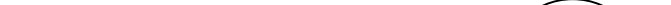

6 FOUNDATION DETAIL

5 FOUN



2 FOUNDATION DETAIL

SCALE: 1" = 1'-0"



1 FOUN

SCALE: 1" = 1'-0"

TAIL

LOCATION DETAIL

IDENTIFICATION DETAIL

DAMMON
ENGINEERING, INC.

LOUISIANA & MISSISSIPPI

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

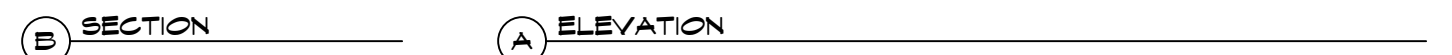
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NEW FIRE STATION #10 ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1		JOB NO: 2514 DATE: 12-05-2025 DRAWN BY: CSD CHECKED BY: BAW	
2745 LAKESHORE VISTA BLVD SUIDPELL, LA 70461		The above drawing and specification, together with all improvements represented thereon, are the property of the undersigned and shall remain the property of the undersigned. No part of this drawing or specification shall be reproduced or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or by any information storage and retrieval system, without the prior written permission of the undersigned. The undersigned warrants that the above drawing and specification are true and correct as of the date hereof. The undersigned warrants that the above drawing and specification are true and correct as of the date hereof. The undersigned warrants that the above drawing and specification are true and correct as of the date hereof.	

SHEET TITLE:
FOUNDATION DETAILS

DRAWING NUMBER:
S501

SHEET No: 15 of 37



5502	5502	SCALE: NTS	FUTCH BEAM
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65026102	SCALE: NTS	RESIDENCE DETAIL AT APPARATUS BAY WALL
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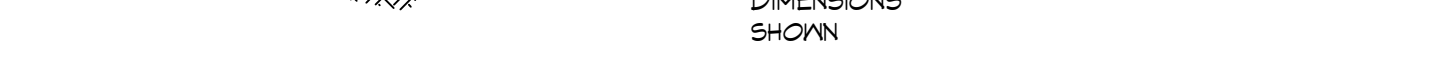
5502	5502	SCALE: NTS	BRICK UNIT
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65025102 SCALE: NTS RESIDENCE DETAIL



6502	6502	SCALE: NTS	OVERHEAD DOOR STRUCTURE DETAILS
------	------	------------	---------------------------------



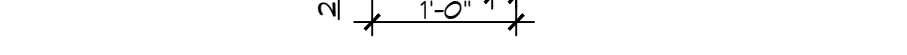
55025102 SCALE: NTS PIPE COLUMN 55025102 SCALE: 1/8" = 1'



OVERHEAD DOOR STRUCTURE SECTION



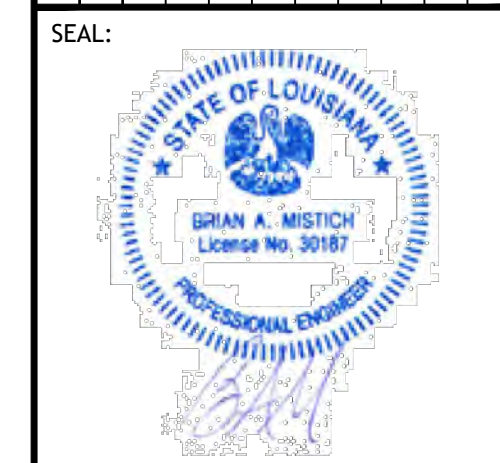
DETAILS



6502 6502 SCALE: 3/16" = 1'-0" OVERHEAD DOOR STRUCTURE ELEVATION



1 DETAIL

[illegible][illegible]

SHEET TITLE:
STRUCTURAL DETAILS

DRAWING NUMBER:

S502

FILE NAME: J:_Customer\2013 - One-Story 40-Dwelling Unit - Dammon\2013-01-20\2013-01-20.dwg
DATE: 01/20/2013
TIME: 10:09:09 AM
USER: Brian A. Misch
PLOT: 01/20/2013 10:09:09 AM
PLOTTER: HP DesignJet 5000-600
PLOT SCALE: 1/8" = 1'-0"

TABLE S601.7 - UPLIFT CONNECTIONS - 140 MPH WINDS EXP "C"						
WFCM 2021 TABLE 3.2						
CONNECTION	FRAMING SPACING (INCHES)	ROOF SPAN (FEET)	UPLIFT	LATERAL	SHEAR	NUMBER OF 8d COMMON NAILS OR 10d BOX NAILS IN EACH END OF 1-1/4"x20 GAGE STRAP
ROOF ASSEMBLY TO WALL ASSEMBLY	16" OC	16	401	242	152R	4
WALL ASSEMBLY TO FOUNDATION	16" OC	16	224	214	436	4

TABLE S601.8 - SILL OR BOTTOM PLATE TO FOUNDATION CONNECTIONS RESISTING UPLIFT LOADS - 140 MPH WIND EXP "C"			
WFCM 2021 TABLE 3.2C			
BOTTOM PLATE TO FOUNDATION ANCHOR BOLT CONNECTION RESISTING	FOUNDATION SUPPORTING	MAXIMUM ANCHOR BOLT SPACING (INCHES)	
		8" END ZONES	INTERIOR ZONES
UPLIFT LOADS	1 - 3 STORIES	25 INCHES ON CENTER	30 INCHES ON CENTER
NOTE: A MINIMUM OF ONE ANCHOR BOLT SHALL BE PROVIDED WITHIN 6 TO 12 INCHES OF EACH END OF EACH PLATE			

TABLE S601.9 - SILL OR BOTTOM PLATE TO FOUNDATION CONNECTIONS RESISTING SHEAR LOADS - 140 MPH WIND EXP "C"			
WFCM 2021 TABLE 3.2B			
BOTTOM PLATE TO FOUNDATION ANCHOR BOLT CONNECTION RESISTING	FOUNDATION SUPPORTING	MAXIMUM ANCHOR BOLT SPACING (INCHES)	
		1/2" Ø ANCHOR BOLTS	5/8" Ø ANCHOR BOLTS
UPLIFT LOADS	1 STORY	30 INCHES ON CENTER	48 INCHES ON CENTER

TABLE S601.10 - FULL HEIGHT STUD REQUIREMENT FOR HEADERS OR WINDOW SILL PLATES IN EXTERIOR WALLS EXPOSURE "C"				
WFCM 2021 TABLE 3.23C				
HEADER SPAN (FEET)	WALL SPACING (INCHES)			
	12" O.C.	16" O.C.	24" O.C.	
2	1	1	1	1
4	2	2	2	1
6	3	3	3	2
8	4	3	3	2

TABLE S601.5 - JACK STUD REQ - INT LOADBEARING WALLS	
HEADER SUPPORTING	HEADER SPAN (FT)
ONE FLOOR ONLY (CENTER BEARING)	2
	4
	6
	8
	10
	12
	14
	16
	2
	4
TWO FLOORS (CENTER BEARING)	2
	4
	6
	8
	10
	12
	14
	16
	2
	4

TABLE S601.6 - JACK STUD REQ - EXTERIOR LOADBEARING WALLS	
ROOF AND CEILING	2
	4
	6
	8
	10
	12
	14
	16
	2
	4
ROOF, CEILING, AND ONE CENTER BEARING FLOOR	2
	4
	6
	8
	10
	12
	14
	16
	2
	4

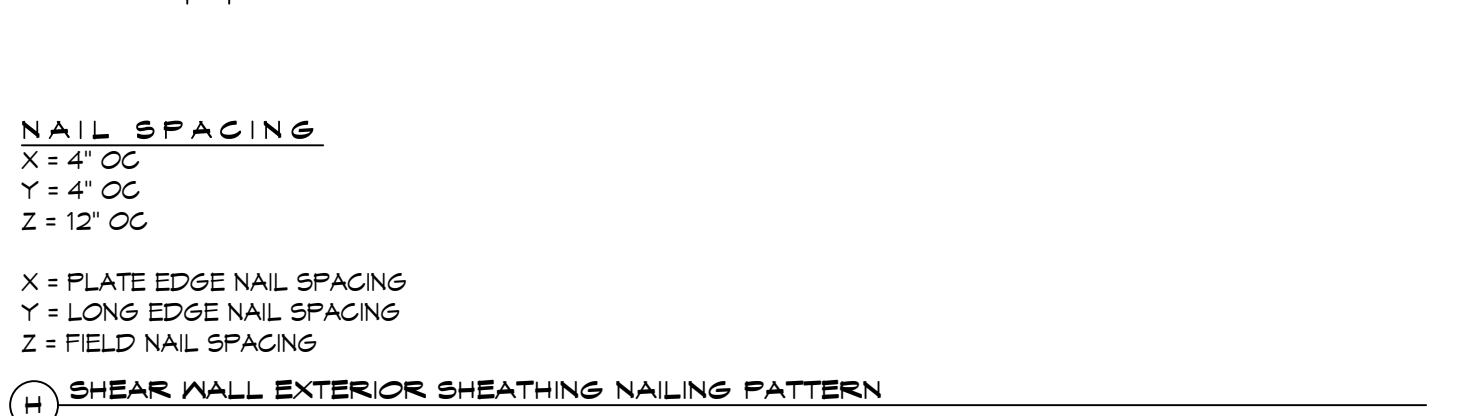
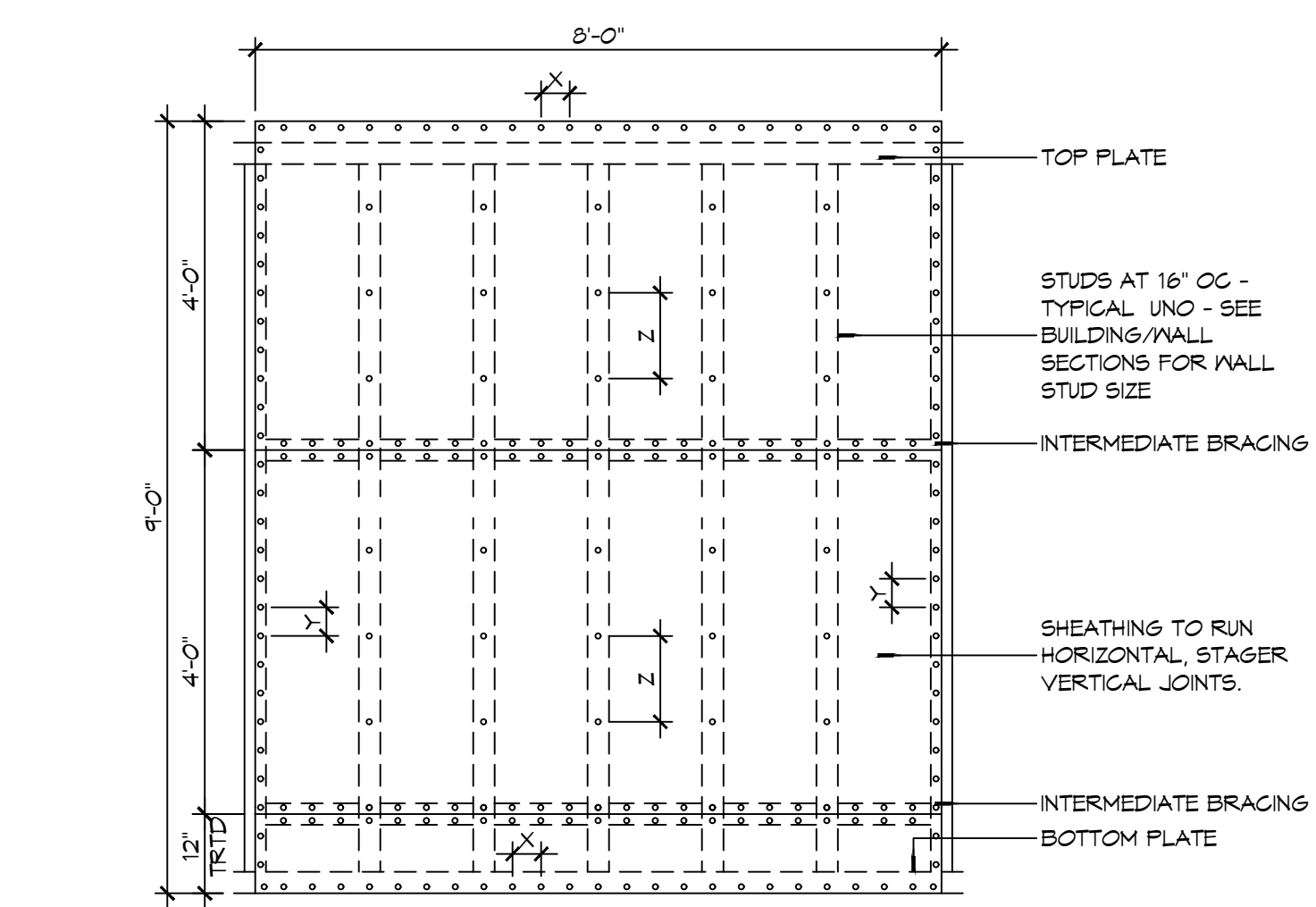
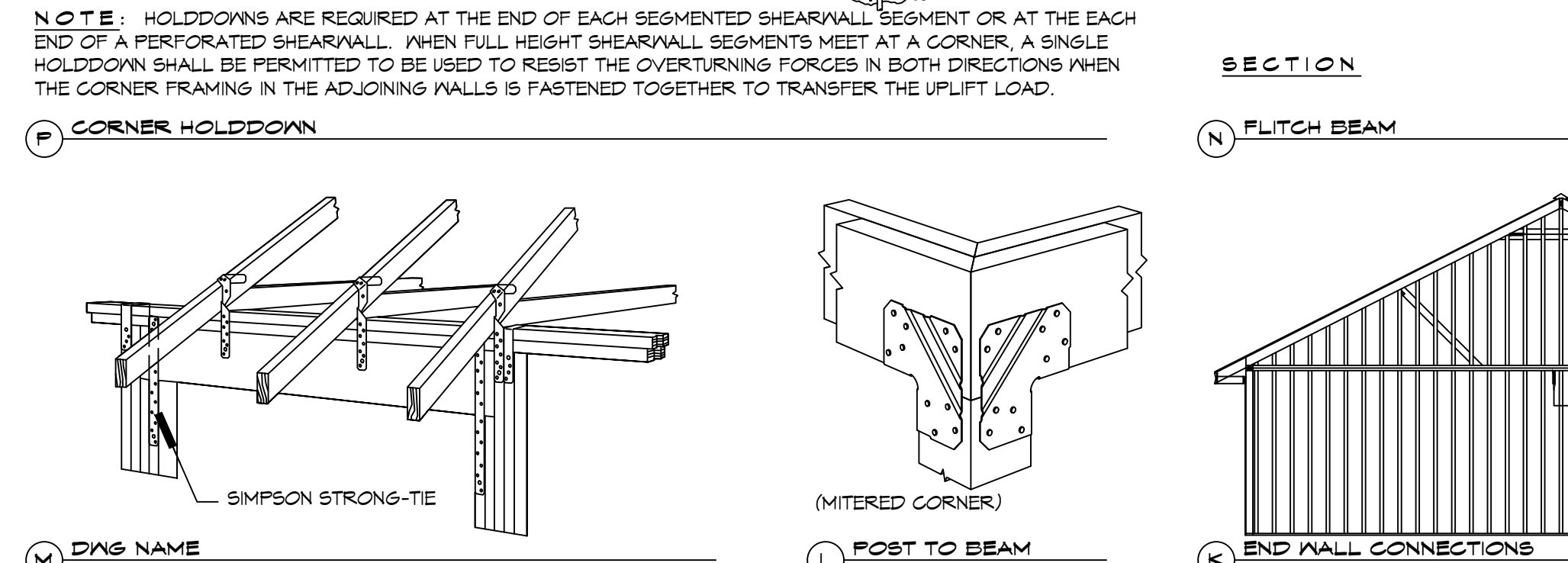
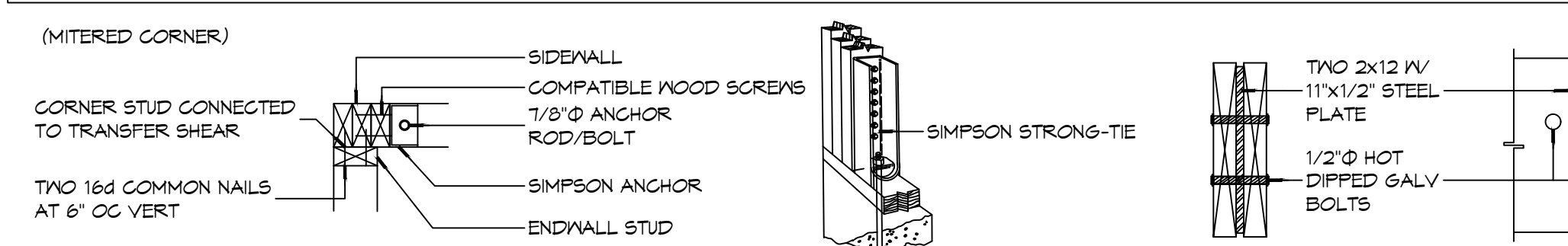


TABLE S601.2 - WALL SHEATHING OR CLADDING REQUIREMENT - WIND LOAD EXP "C"			
SHEATHING LOCATION	STUD SPACING	E	F
		MAX NAIL SPACING FOR 8d COMMON NAILS OR 10d BOX NAILS (INCHES OC)	
INTERIOR ZONE	12" OC	6	12
	16" OC	6	12
	24" OC	6	6
PERIMETER EDGE ZONE	12" OC	6	12
	16" OC	6	6
	24" OC	6	6

TABLE S601.3 - NAILING SCHEDULE WFCM 2001 TABLE 3.1			
DESCRIPTION	NUMBER OF COMMON NAILS	NUMBER OF BOX NAILS	SPACING
HEADER TO HEADER (FACE NAILED)	16d	16d	16" OC EDGES

TABLE S601.4 - BUILDING ENVELOPE REQUIREMENTS		
OPAQUE ELEMENTS	ASSEMBLY MAXIMUM	INSULATION MIN. R-VALUE
ROOFS	INSULATION ENTIRELY ABOVE DECK	U-0.040 R-20.0 c.i.
	METAL BUILDING	U-0.065 R-19
	ATTIC AND OTHER	U-0.027 R-30
WALLS, ABOVE GRADE	MASS	U-0.151 R-5.7 c.i.
	METAL BUILDING	U-0.113 R-13.0
	STEEL-FRAMED	U-0.124 R-13.0
	WOOD-FRAMED AND OTHER	U-0.089 R-13.0
FLOORS	MASS	U-0.107 R-6.3 c.i.
	STEEL JOIST	U-0.052 R-19.0
SLAB-ON-GRADE	WOOD FRAMED AND OTHER	U-0.051 R-19.0
OPAQUE DOORS	UN-HEATED	F-0.730 NR
	SWINGING	U-0.700 NR
	NON-SWINGING	U-1.450 NR

ROOF UNDERLAYMENT NOTES	
1. FOR ROOF SLOPES FROM TWO UNITS VERTICAL IN 12 UNITS HORIZONTAL (17-PERCENT SLOPE), UP TO FOUR UNITS VERTICAL IN 12 UNITS HORIZONTAL (33-PERCENT SLOPE), UNDERLAYMENT SHALL BE TWO LAYERS APPLIED IN THE FOLLOWING MANNER: a. APPLY A 14 INCH STRIP OF UNDERLAYMENT FELT PARALLEL WITH AND STARTING AT THE EAVES, FASTENED SUFFICIENTLY TO HOLD IN PLACE. STARTING AT THE EAVE, APPLY 36 INCH WIDE SHEETS OF UNDERLAYMENT, OVERLAPPING SUCCESSIVE SHEETS 14 INCHES, AND FASTENED SUFFICIENTLY TO HOLD IN PLACE. 2. FOR ROOF SLOPES OF FOUR UNITS VERTICAL IN 12 UNITS HORIZONTAL (33-PERCENT SLOPE) OR GREATER, UNDERLAYMENT SHALL BE ONE LAYER APPLIED IN THE FOLLOWING MANNER: a. UNDERLAYMENT SHALL BE APPLIED SHINGLE FASHION, PARALLEL TO AND STARTING FROM THE EAVE AND LAPPED 2 INCHES, FASTENED SUFFICIENTLY TO HOLD IN PLACE. END LAPS SHALL BE OFFSET BY 6 FEET.	
SHINGLE APPLICATION & FASTENING NOTES	
1. ASPHALT STRIP SHINGLES SHALL HAVE A MINIMUM OF SIX FASTENERS PER SHINGLE WHERE THE ROOF IS IN ONE OF THE FOLLOWING CATEGORIES: a. THE BASIC WIND SPEED IS 110 MPH OR GREATER AND THE EAVE IS 20 FEET OR HIGHER ABOVE GRADE. b. THE BASIC WIND SPEED IS 120 MPH OR GREATER. c. SPECIAL WIND ZONES.	
DESIGN CRITERIA	
THE CONSTRUCTION FOR SAID RESIDENCE, WHERE BASIC WIND SPEED IS 140 MILES PER HOUR, WIND EXPOSURE ZONE C, IS DESIGNED IN ACCORDANCE WITH: AMERICAN FOREST AND PAPER ASSOCIATION (AF&PA) WOOD FRAME CONSTRUCTION MANUAL FOR ONE AND TWO FAMILY DWELLINGS (WFCM) 2001 EDITION AS WELL AS THE INTERNATIONAL RESIDENTIAL CODE (IRC) 2021 EDITION	

GENERAL UPLIFT CONNECTION NOTES	
ROOF ASSEMBLY TO WALL ASSEMBLY: UPLIFT CONNECTIONS SHALL BE FROM RAFTER OR TRUSS TO WALL STUD. WHEN RAFTERS OR TRUSSES ARE NOT LOCATED DIRECTLY ABOVE STUDS, RAFTERS SHALL BE ATTACHED TO THE WALL PLATE AND THE WALL TOP PLATE SHALL BE ATTACHED TO THE WALL STUD WITH UPLIFT CONNECTIONS. UPLIFT CONNECTIONS SHALL BE IN ACCORDANCE WITH TABLE S601.10.	
WALL ASSEMBLY TO WALL ASSEMBLY: STORY TO STORY UPLIFT CONNECTIONS FROM UPPER STORY WALL STUD TO LOWER STORY WALL STUD. WHEN UPPER STORY WALL STUDS ARE NOT LOCATED DIRECTLY ABOVE LOWER WALL STUDS, THE STUDS SHALL BE ATTACHED TO A COMMON MEMBER IN THE FLOOR ASSEMBLY BY UPLIFT CONNECTIONS. UPLIFT CONNECTIONS SHALL BE IN ACCORDANCE WITH TABLE S601.11.	
WALL ASSEMBLY TO FOUNDATION: FIRST FLOOR WALL STUDS SHALL BE CONNECTED TO THE FOUNDATION, SILL, PLATE, OR BOTTOM PLATE. A MINIMUM OF A 1-1/4" x 20 GA. ASTM A653 GRADE 33 STEEL STRAP SHALL BE NAILED TO THE WALL STUDS AND HAVE A MINIMUM EMBEDMENT OF 1 INCHES IN CONCRETE FOUNDATIONS AND SLABS-ON-GRADE. 15 INCHES IN MASONRY BLOCK FOUNDATIONS, OR BE LAPPED UNDER THE BOTTOM PLATE. 3 INCH SQUARE WASHERS SHALL BE USED ON THE ANCHOR BOLTS AND ANCHOR BOLT SPACINGS SHALL NOT EXCEED THE REQUIREMENTS. STEEL STRAPS EMBEDDED IN OR IN CONTACT WITH SLAB-ON-GRADE OR MASONRY BLOCK FOUNDATIONS SHALL BE HOT-DIPPED GALV. AFTER FABRICATION, OR MANUF. FROM 6105 OR 2450 GALV. STL. CONNECTIONS SHALL BE IN ACCORDANCE WITH TABLE S601.12.	

TABLE S601.1 - ROOF SHEATHING OR CLADDING REQUIREMENT - WIND LOAD EXP "C"			
SHEATHING LOCATION	RAFTER / TRUSS SPACING	E	F
		MAX NAIL SPACING FOR 8d COMMON NAILS OR 10d BOX NAILS (INCHES OC)	
INTERIOR ZONE	12" OC	6	12
	16" OC	6	12
	24" OC	6	6
PERIMETER EDGE ZONE	12" OC	6	6
	16" OC	4	4
	24" OC	3	3

TABLE S601.1 - ROOF SHEATHING OR CLADDING REQUIREMENT - WIND LOAD EXP "C"			
SHEATHING LOCATION	RAFTER / TRUSS SPACING	E	F
		MAX NAIL SPACING FOR 8d COMMON NAILS OR 10d BOX NAILS (INCHES OC)	
INTERIOR ZONE	12" OC	6	12
	16" OC	6	12
	24" OC	6	6
PERIMETER EDGE ZONE	12" OC	6	6
	16" OC	4	4
	24" OC	3	3

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

DAMMON
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LOUISIANA & MISSISSIPPI

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PH: 985.649.5832

DESCRIPTION

DATE

REVISIONS

SEAL:



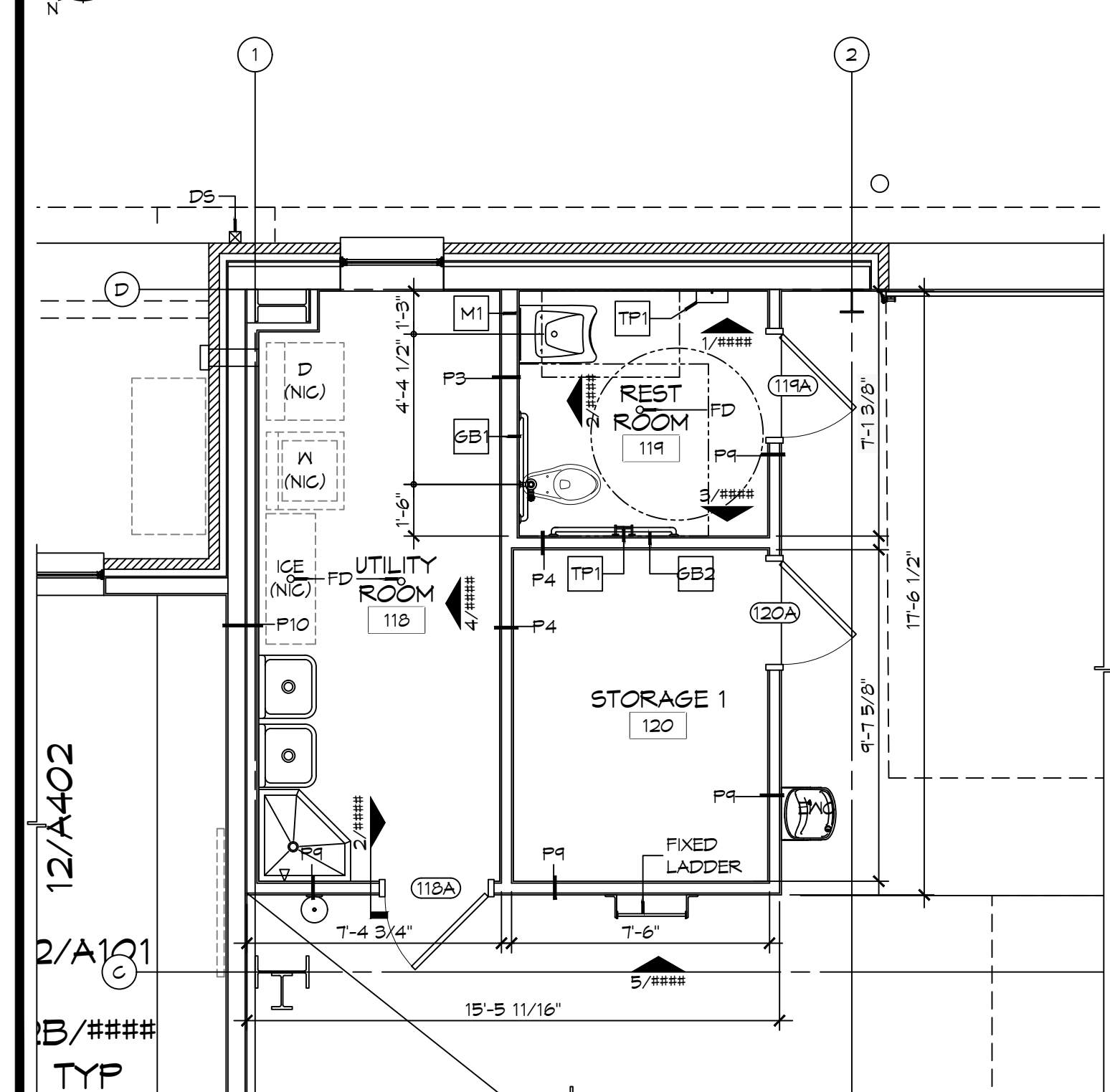
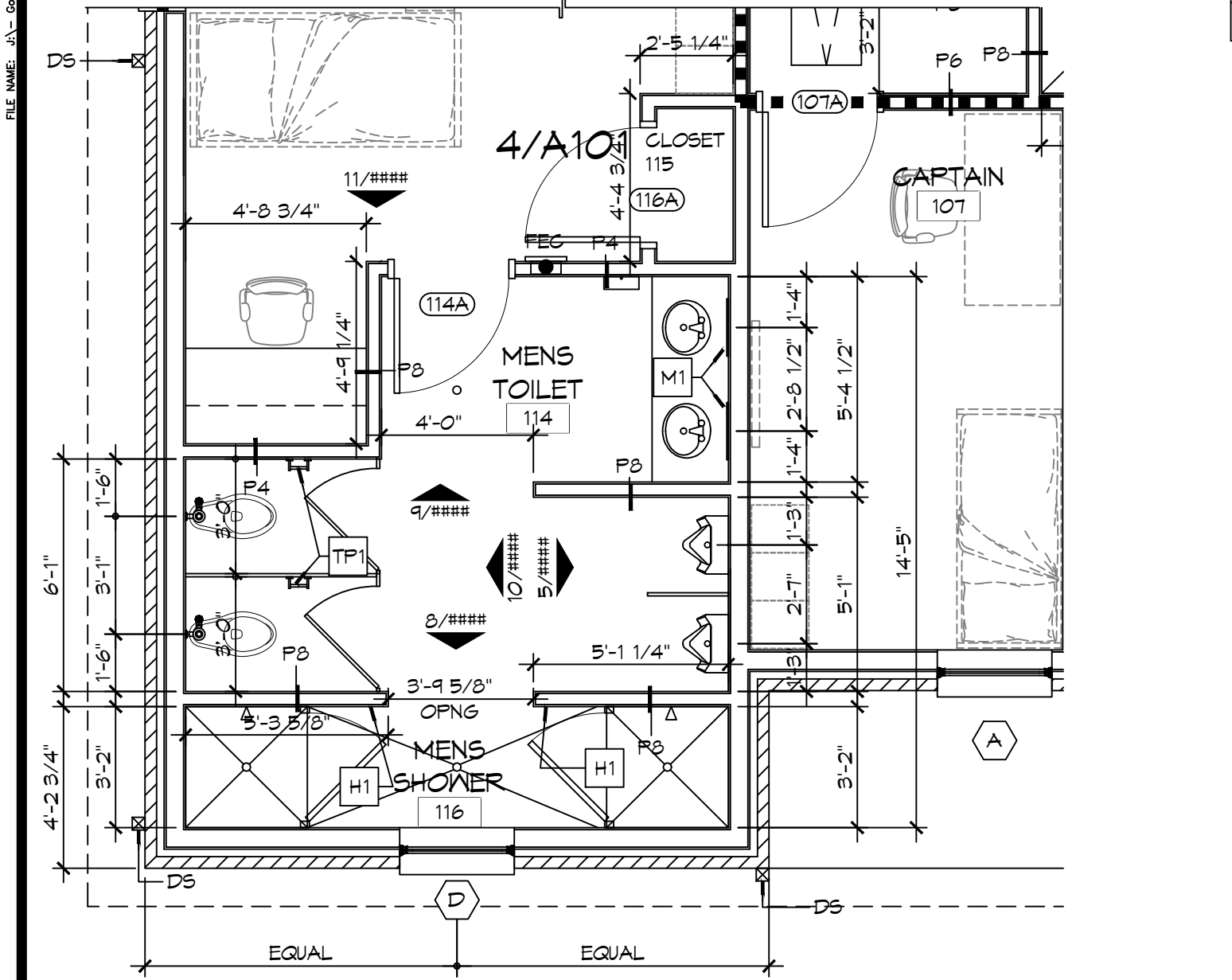
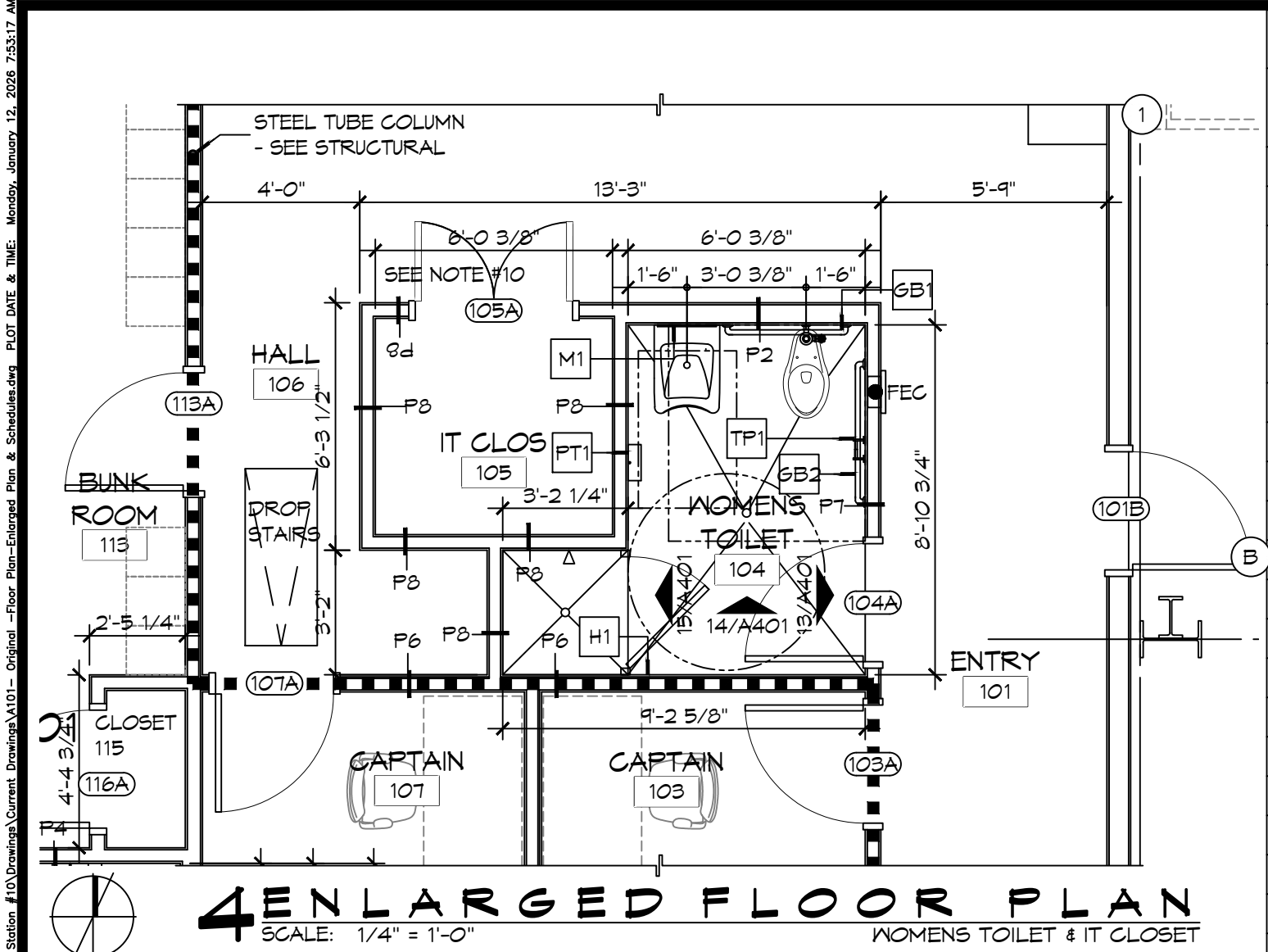
NEW FIRE STATION #10
ST. TAMMANY FIRE PROTECTION
DISTRICT NO. 1

2148 LAKESHORE VISTA BLVD
SLIDELL, LA 70461
JOB NO: 2514
DATE: 12-05-2025
DRAWN BY: CKD
CHECKED BY: EAK

SHEET TITLE:
TYPICAL CONNECTION
DETAILS, SCHEDULES, AND
NOTES

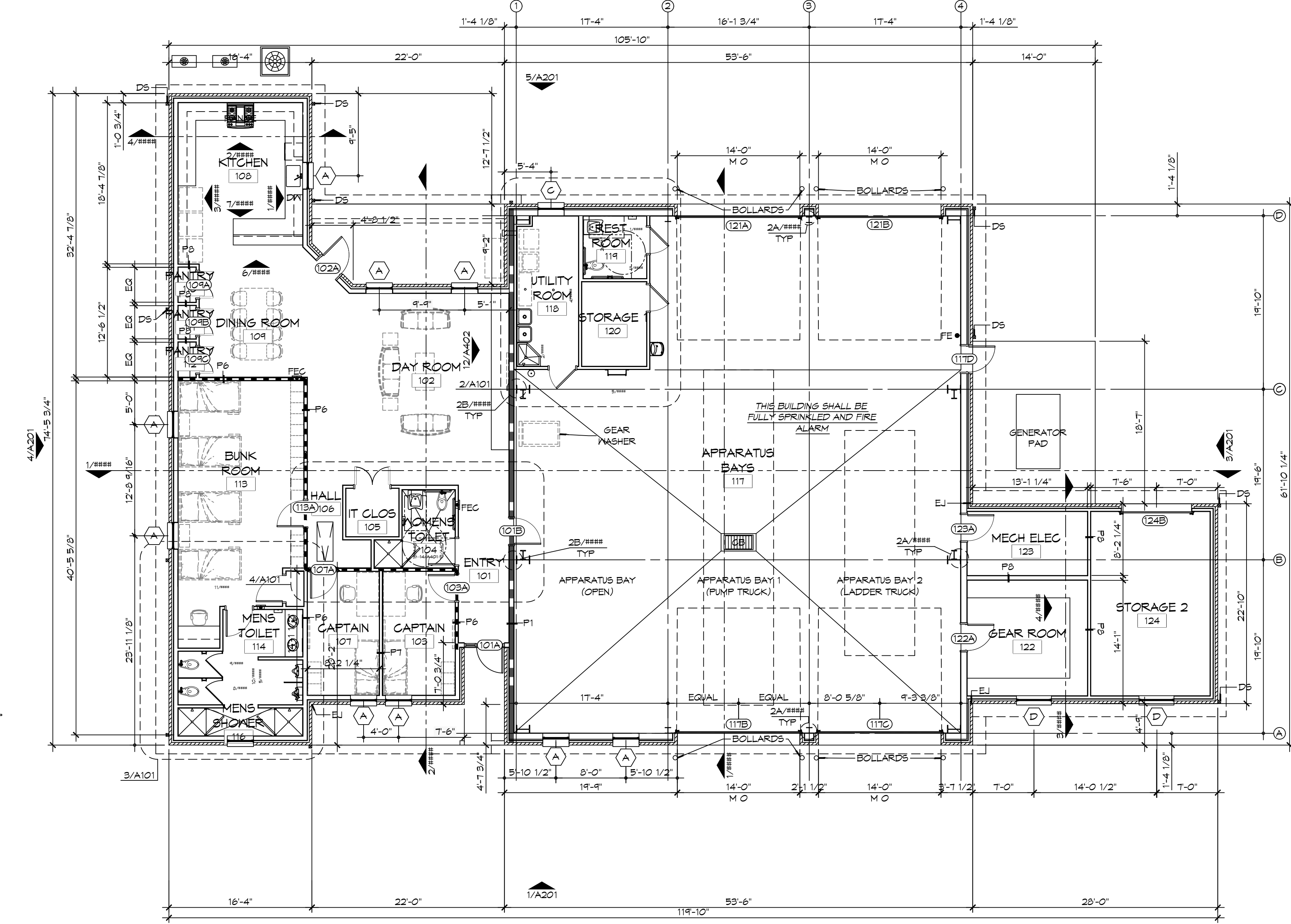
DRAWING NUMBER:
S601

SHEET No: 17 of 37



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

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



1 ARCHITECTURAL FLOOR PLAN
SCALE: 1/8" = 1'-0"

- ### GENERAL SHEET NOTES
- ALL DIMENSIONS ARE FACE-OF-WALL TO FACE-OF-WALL UNLESS NOTED OTHERWISE.
 - ALL PLUMBING FIXTURES, FURNITURE, AND APPLIANCES THAT ARE SHOWN AS GRAYED AND DASHED ARE TO BE OWNER PROVIDED AND NOT IN CONTRACT (NIC) AND ARE SHOWN FOR COORDINATION PURPOSES ONLY. CONTRACTOR TO VERIFY THOSE ITEMS OWNER FURNISHED AND CONTRACTOR INSTALLED (OFCI).
 - PROVIDE FIVE MELLOWINE-GLAD WOOD SHELVES IN CLOSET 115.
 - REFER TO PARTITION TYPES FOR PARTITION THICKNESS WHERE NOT SHOWN ON PLAN.
 - ALL MANUFACTURED ARTICLES, MATERIALS, AND EQUIPMENT SHALL BE CONDITIONED, USED APPLIED, INSTALLED, CONNECTED, ERECTED, AND CLEANED IN ACCORDANCE WITH THE MANUFACTURERS WRITTEN SPECIFICATIONS OR INSTRUCTIONS.
 - FOR ALL WOOD MEMBERS REQUIRED BY CODE TO BE FIRE RETARDANT TREATED, PROVIDE PRESSURE IMPREGNATION WITH FIRE RETARDANT CHEMICALS TO PROVIDE UL FR5 FIRE HAZARD CLASSIFICATION. ALL WOOD SHALL BE IDENTIFIED WITH A UL LABEL, CERTIFYING THIS CLASSIFICATION AND FM DIAMOND.
 - GENERAL CONTRACTOR TO PROVIDE FIVE POUND "ABC" RATED FIRE EXTINGUISHER(S) AND/OR CABINET(S) WHERE SHOWN ON THESE PLANS.
 - ALL PENETRATIONS OF FIRE RESISTIVE FLOORS OR SHAFT WALLS SHALL BE PROTECTED BY MATERIALS AND INSTALLATION DETAILS THAT CONFORM TO UL STANDARDS FOR THROUGH PENETRATIONS FIRESTOP SYSTEMS. SEAL AROUND ALL PENETRATIONS (DUCTS, PIPES, CONDUITS, ETC) AT FIRE-RATED ASSEMBLIES. SEAL SHALL NOT DIMINISH RATING OF ASSEMBLY. AT CONCRETE, OR MASONRY, SEAL OFF OPENINGS WITH CONCRETE GROUT. AT PLASTER OR DRYWALL, DAM UP GAPS AND FILL WITH UL APPROVED SEALANT OR PUTTY PER MANUFACTURERS RECOMMENDATIONS.
 - WRAP AROUND ALL ARCHITECTURAL, MECHANICAL, OR ELECTRICAL BOXES, RECESSED/PENETRATED INTO ANY FIRE-RATED WALLS WITH 5/8" TYPE "X" GYPSUM BOARD UNLESS WALL IS OF CONCRETE CONSTRUCTION.
 - PROVIDE 4X8X3/4" BC PLYWOOD ON THREE WALLS FOR ATTACHMENT OF IT EQUIPMENT IN IT CLOSET 105. INSTALL PLYWOOD PANELS VERTICALLY TIGHT TO FINISH CEILING.
 - NOT USED.
 - SEE PROJECT SPECIFICATIONS FOR TOILET ACCESSORY HARDWARE SCHEDULE.
 - SEE SHEET #### FOR MASONRY EXPANSION JOINT LOCATIONS NOT SHOWN ON THIS SHEET.

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

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

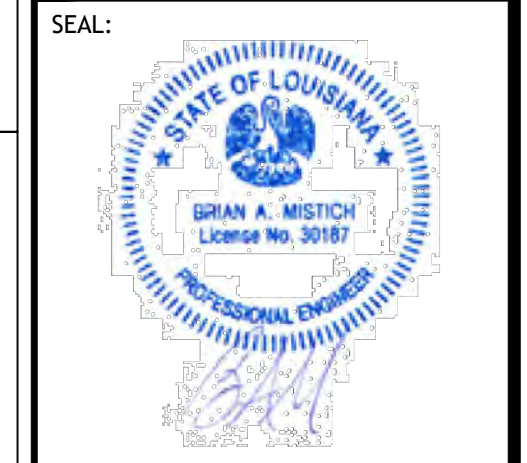
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ENGINEERING, INC.

LOUISIANA & MISSISSIPPI

Chief Engineer: Brian M. Misch, PE
554 Old Spanish Trail
Slidell, LA 70598
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PH: 985.649.5832

REVISIONS	DATE
# DESCRIPTION	



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

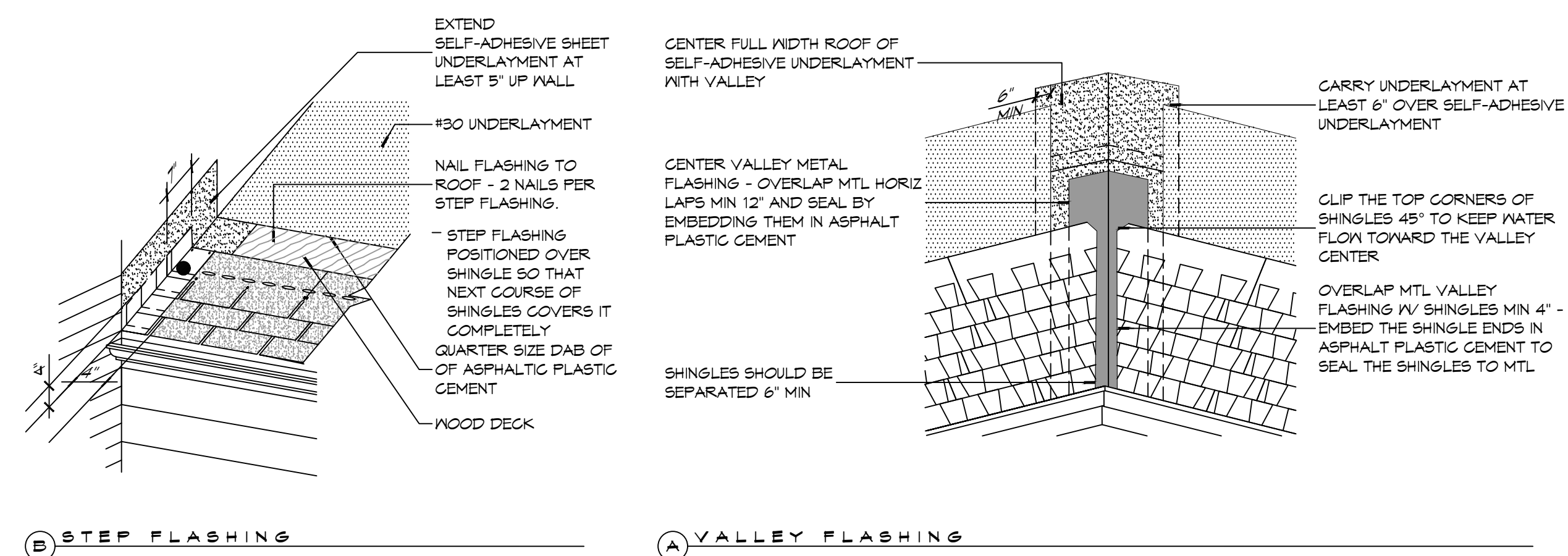
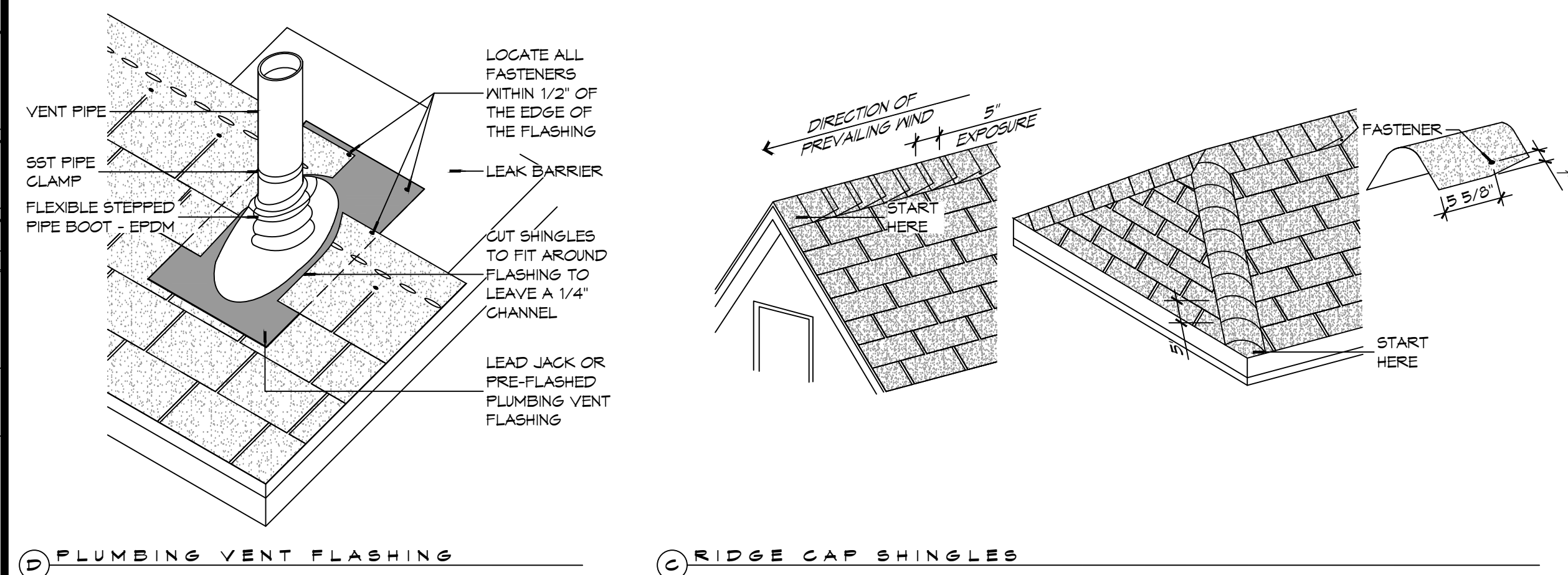
2448 LAKESHORE VISTA BLVD
SLIDELL, LA 70461

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

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

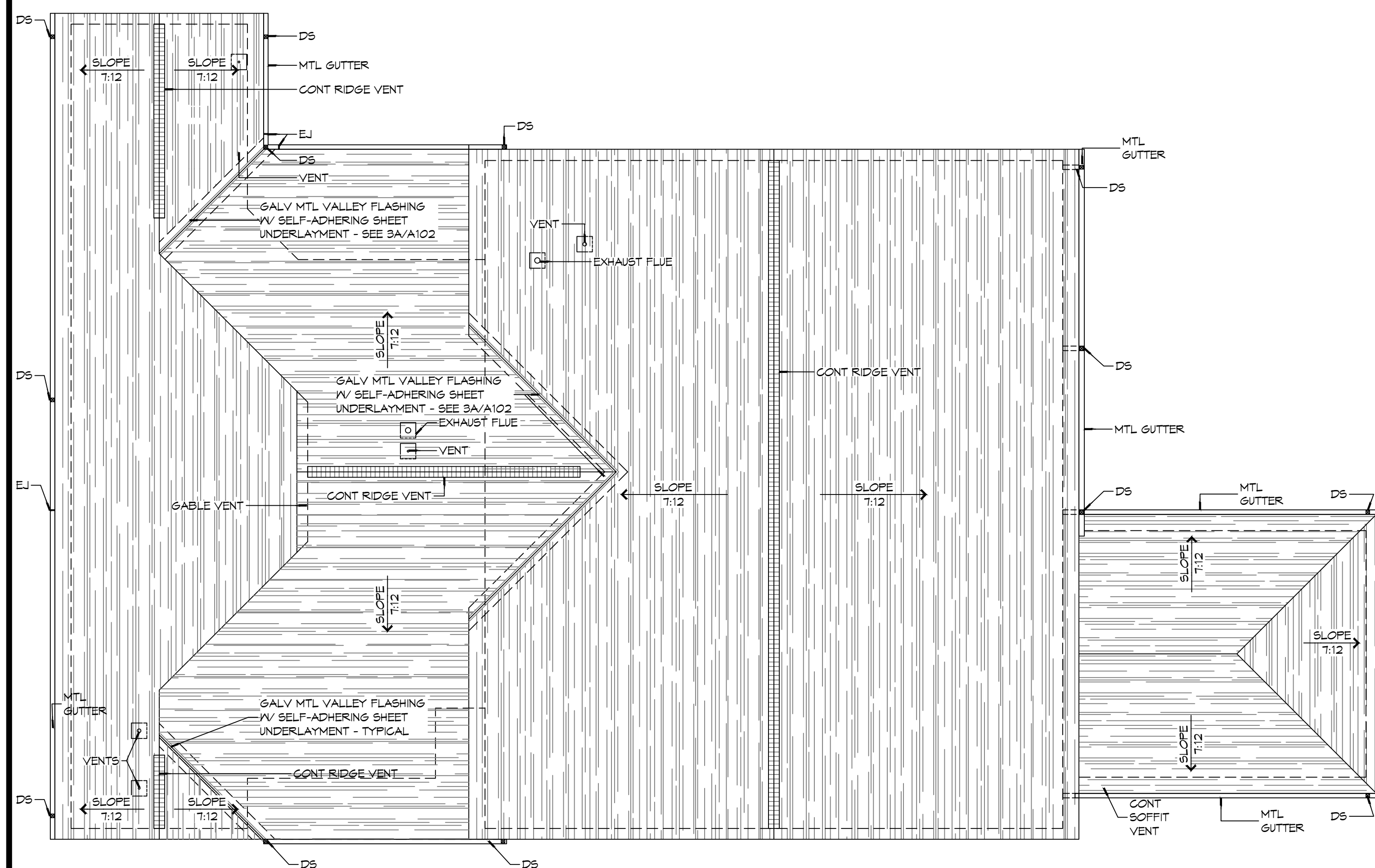
DRAWING NUMBER:
A101

SHEET No: 10 of 37



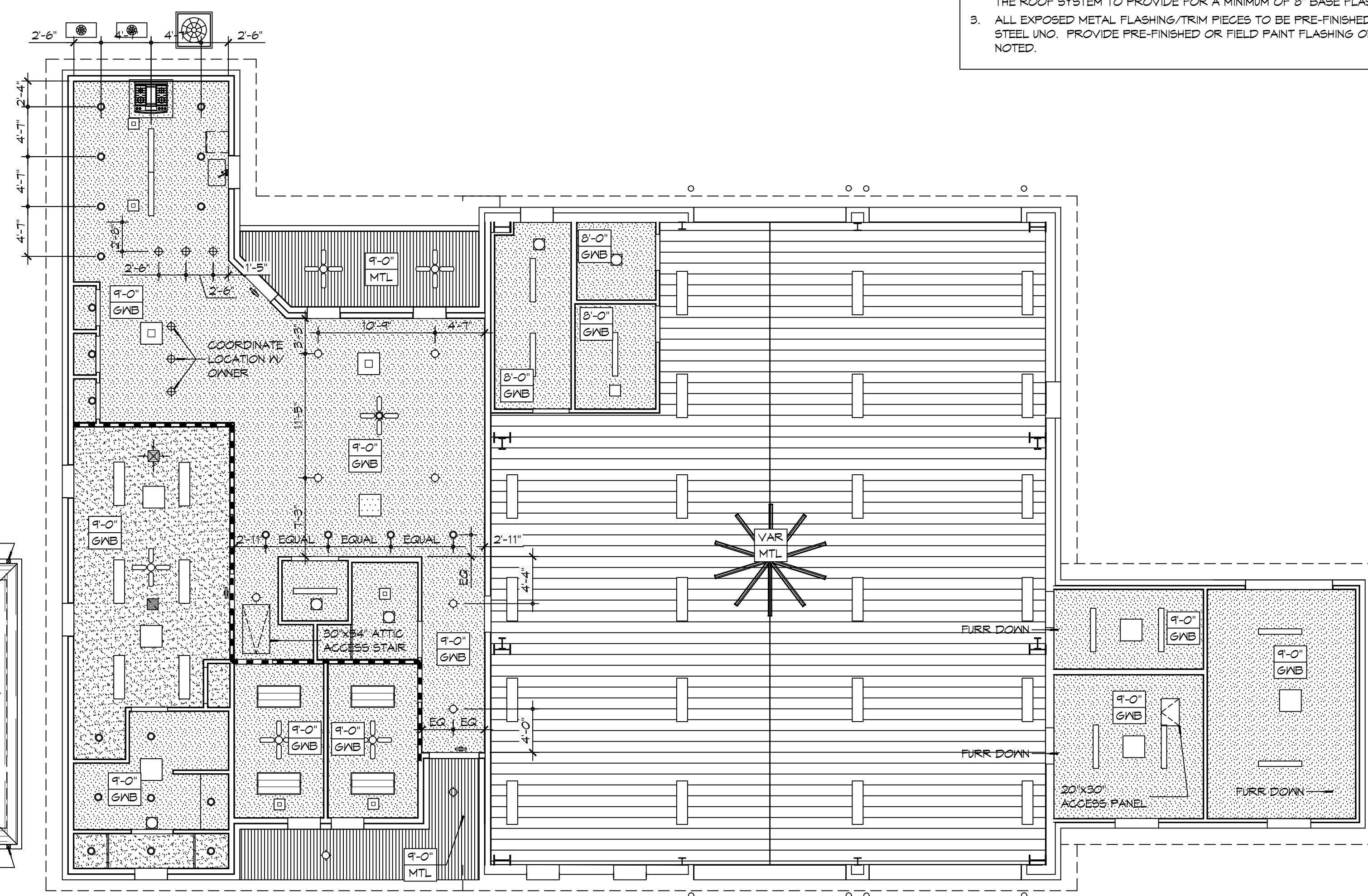
3 TYPICAL ROOF DETAILS

SCALE: 1" = 1'-0"



2 ROOF PLAN

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



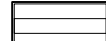
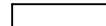
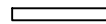
REFLECTED CEILING PLAN

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.

RCP LEGEND

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

CTE | AKESHOBE VISTA BLVD

SLIDEL 7

1561

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

DRAWING NUMBER

A102

SHEET No:

19 of 37



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 info@dammonengineering.com
 PH: 985.640.5833

[illegible]

SHEET No: 21 of 37

GENERAL SHEET NOTES

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

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[illegible]

SEAL:



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

2745 LAKESHORE VISTA BLVD

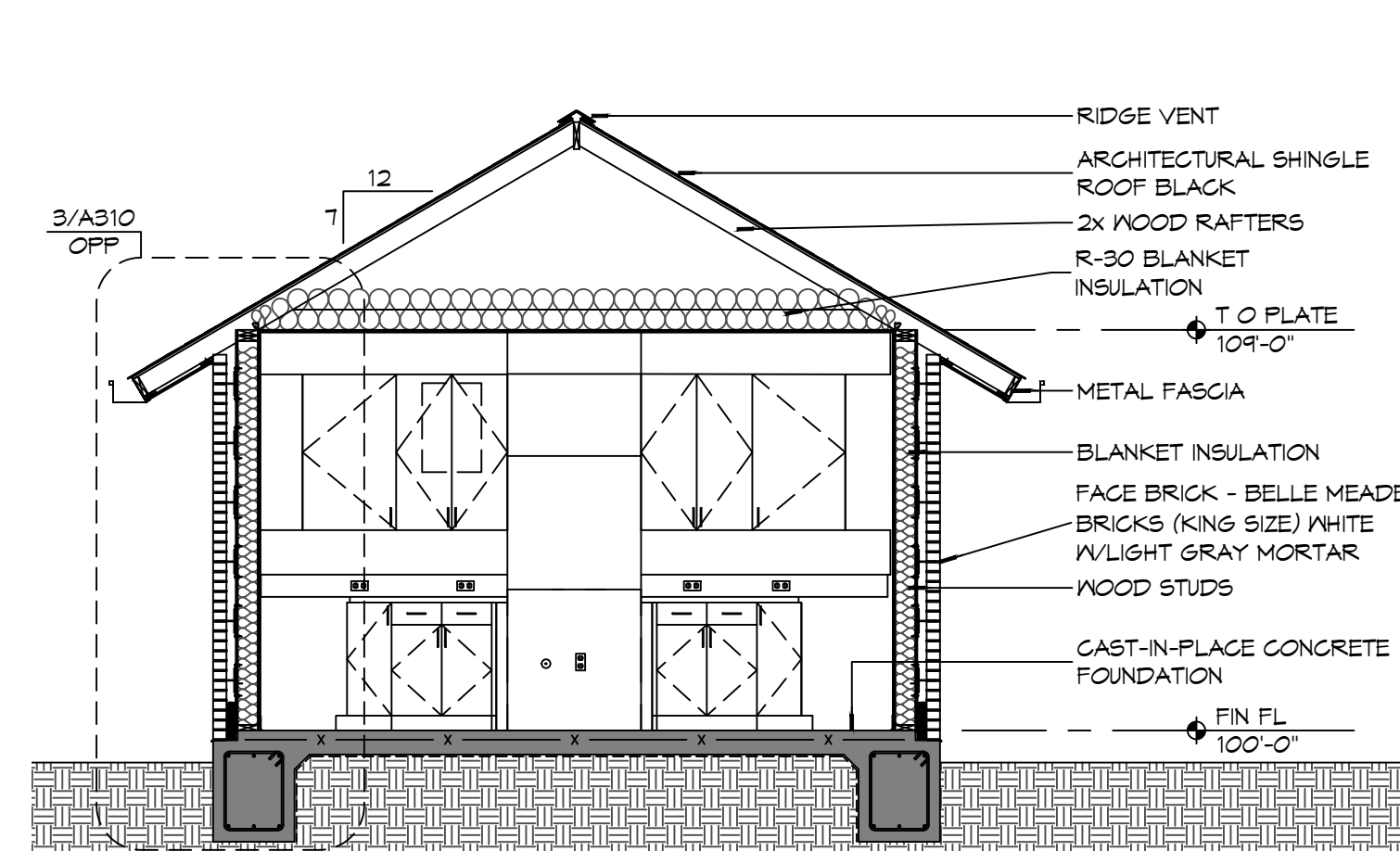
SLIDELL, LA 70461	JOB No:	2519	DATE:	12-03-2025
	DRAWN BY:	CKD	CHECKED BY:	JMS

SHEET TITLE:
BUILDING SECTIONS

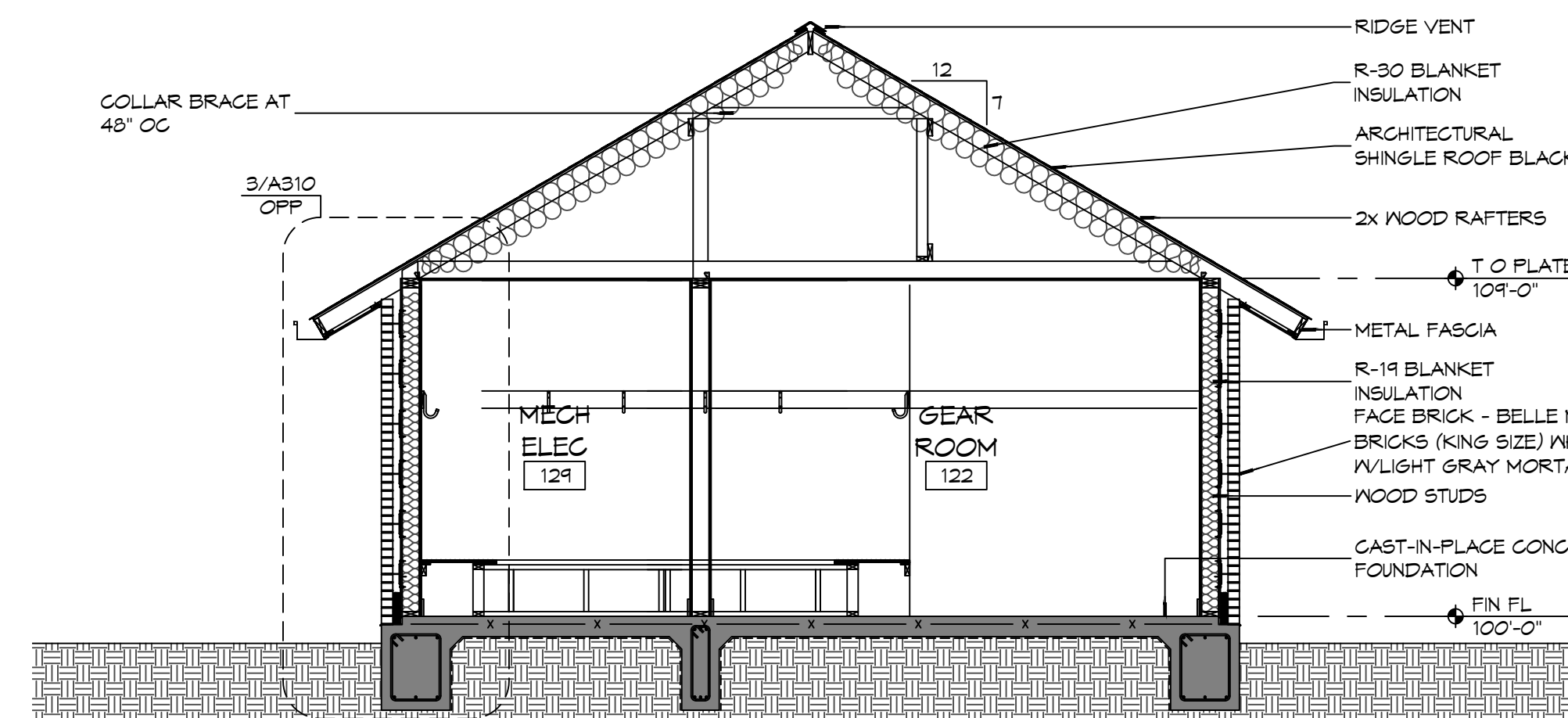
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A302

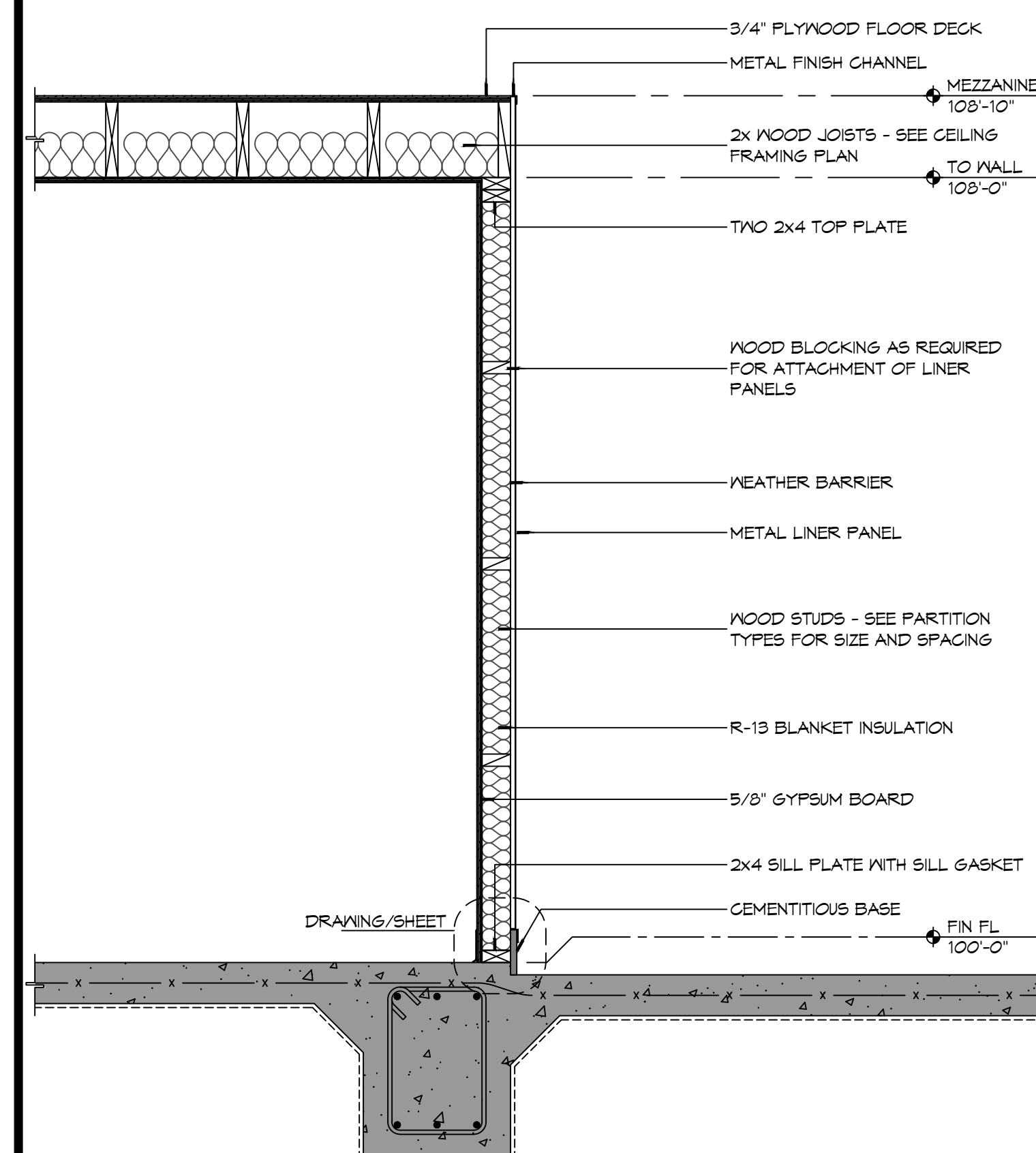
SHEET No: 22 of 37



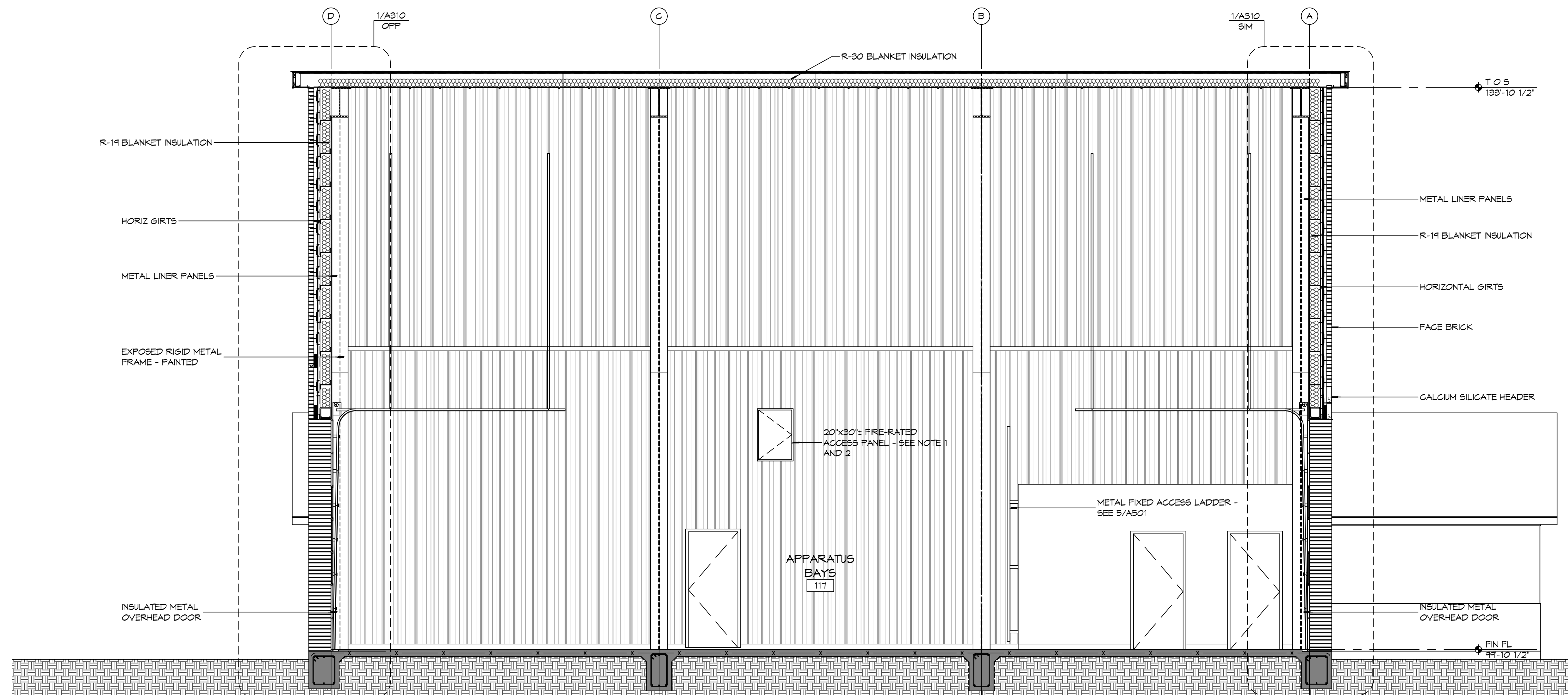
4 BUILDING SECTION



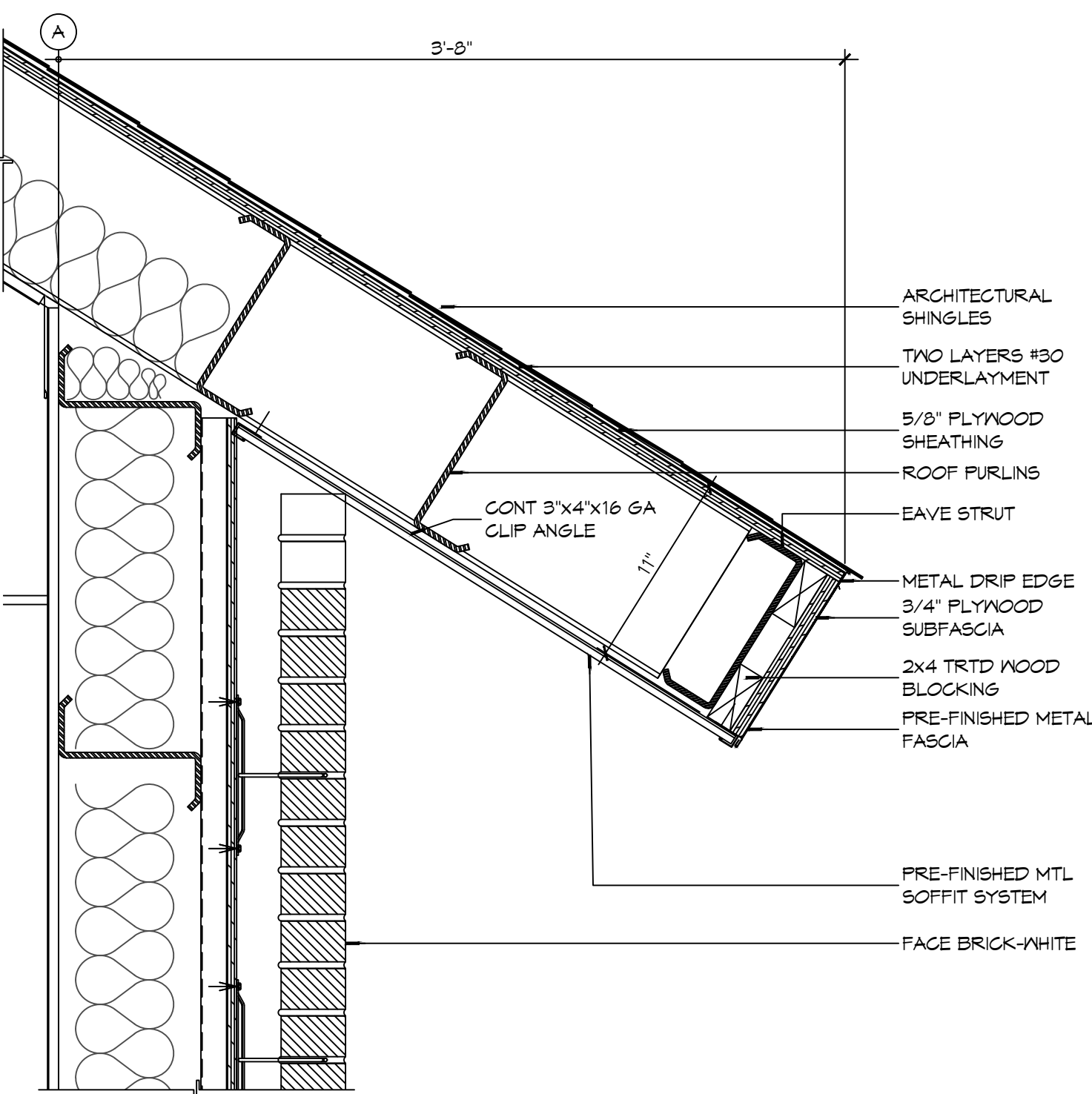
3 BUILDING SECTION



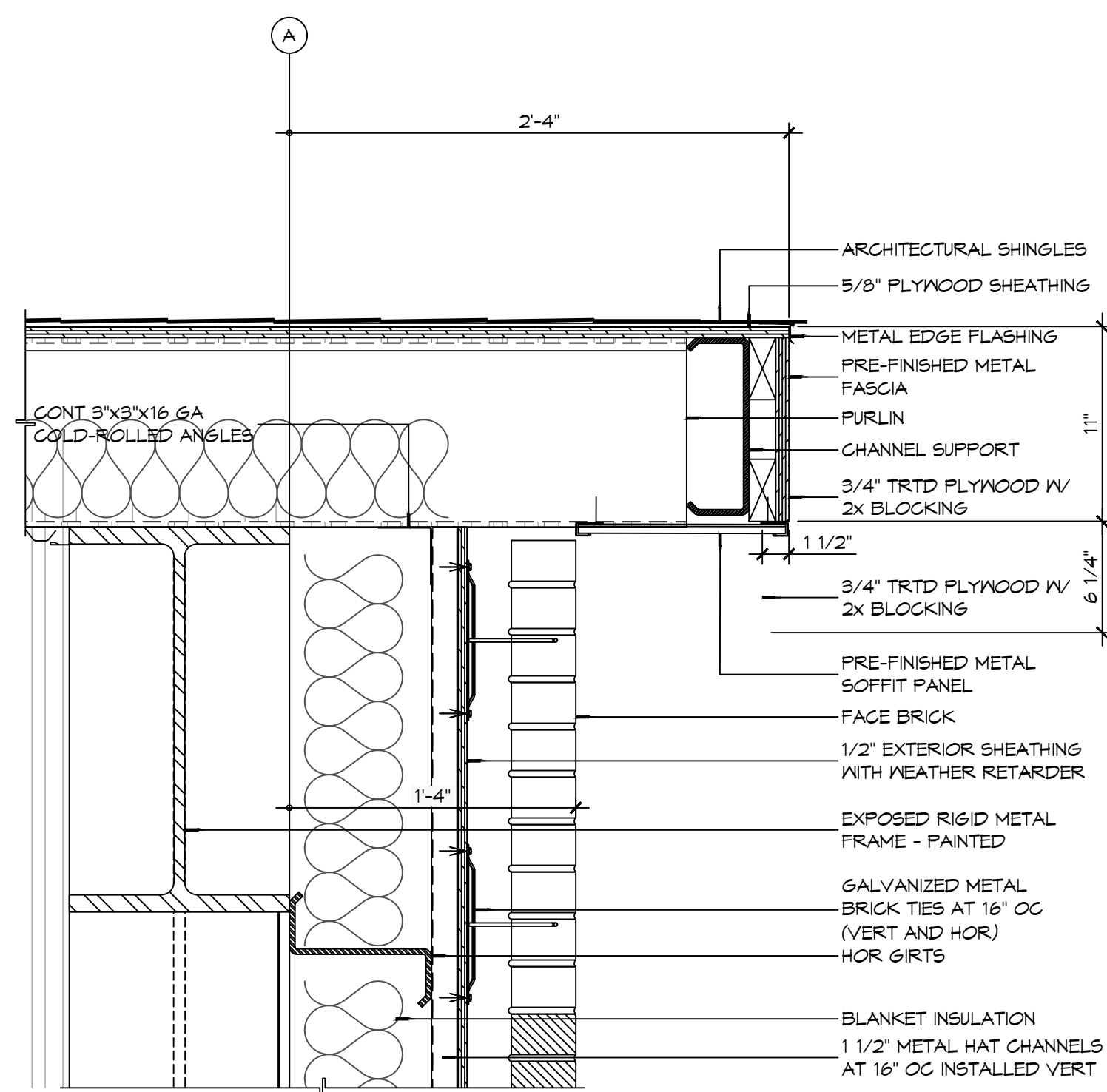
2 WALL SECTION



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

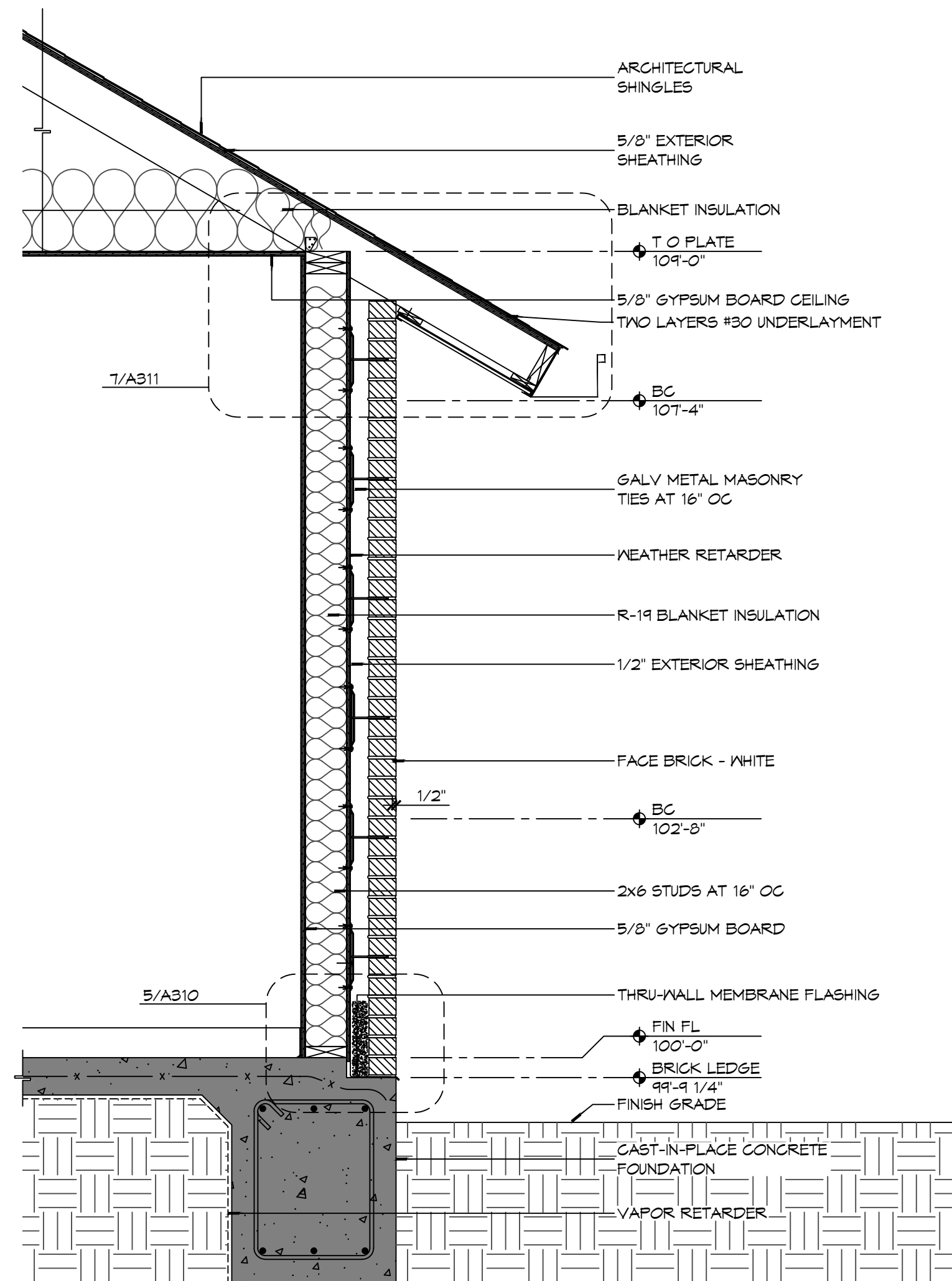


6 DETAIL
SCALE: 1 1/2" = 1'-0" APPARATUS BAY EAVE

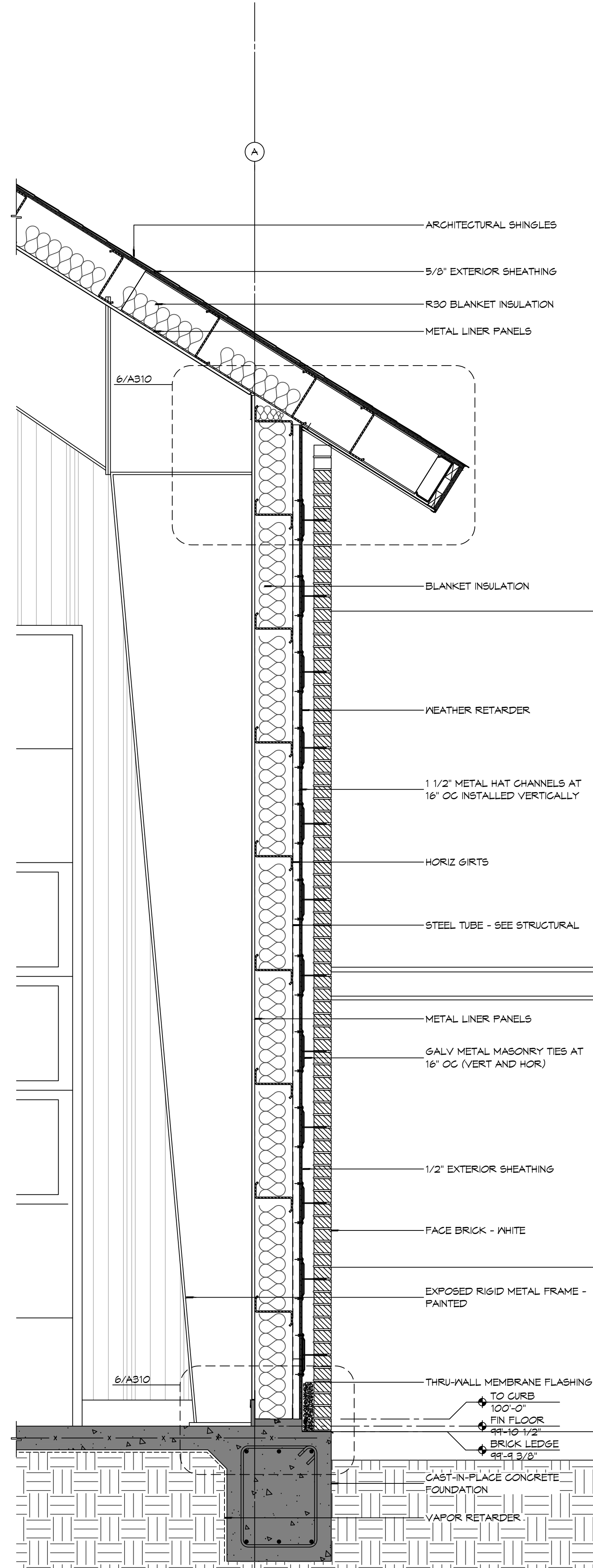


5 DETAIL
SCALE: 1 1/2" = 1'-0" APPARATUS BAY ROOF RAKE

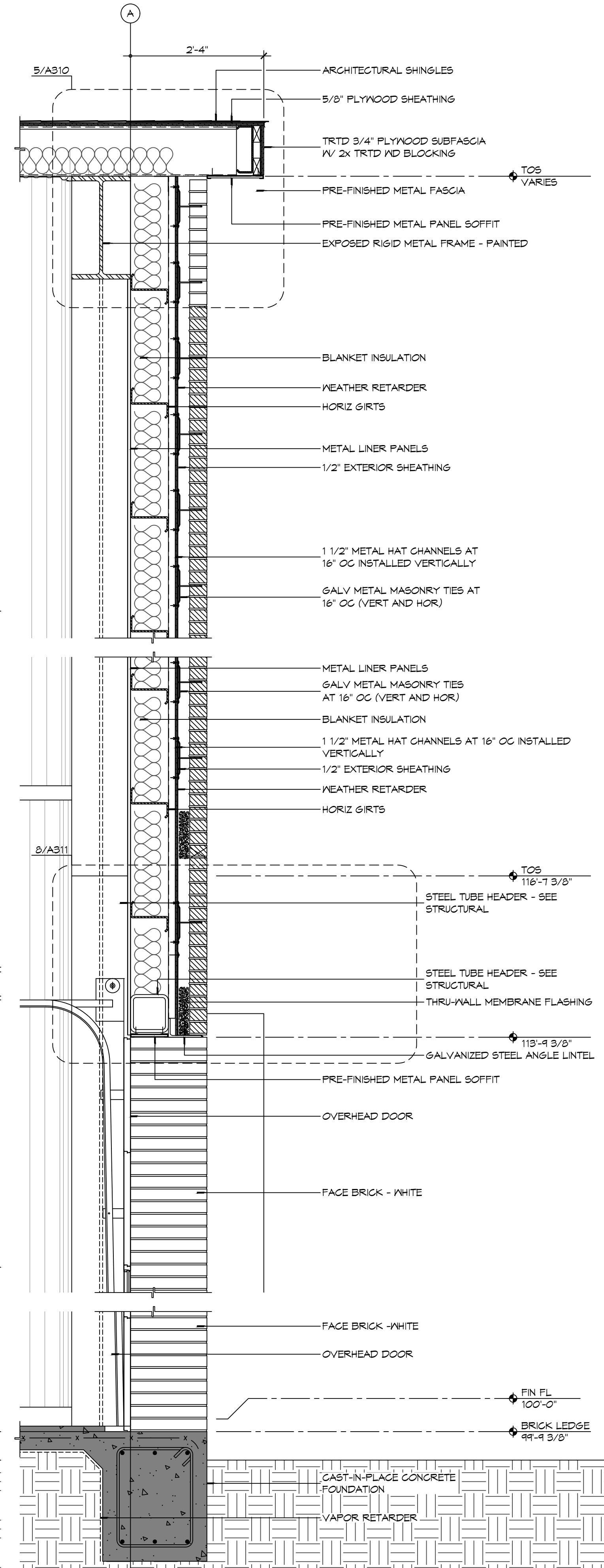
REFER TO BUILDING SECTIONS FOR
PLACEMENT OF ATTIC INSULATION AS
LOCATION MAY VARY.



3 WALL SECTION



2 WALL SECTION



1 WALL SECTION

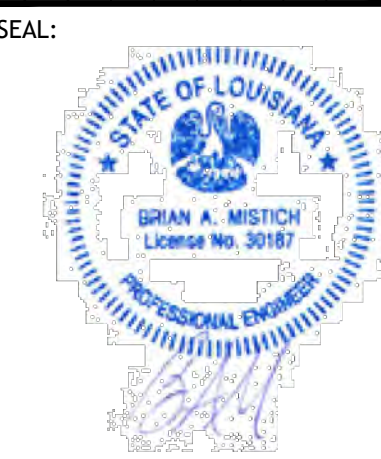
NOT USED

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[illegible]

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

2745 LAKESHORE VISTA BLVD

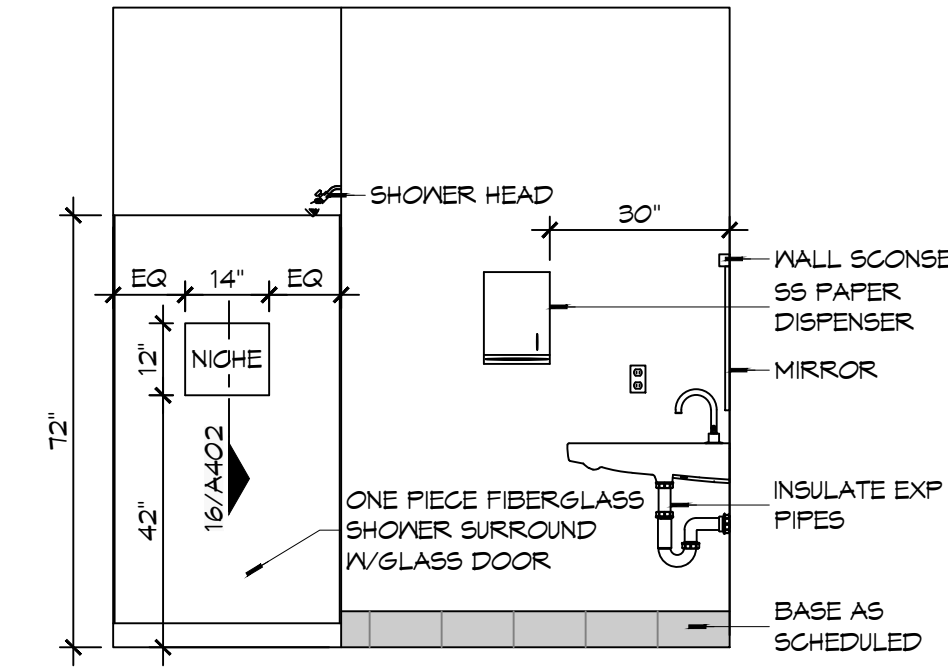
SLIDELL, LA 70461	JOB NO: 2514	DATE: 12-03-2025	The above drawings and specifications, design and arrangements representing a theory and/or a plan for the construction of a project, are hereby acknowledged as the property of the undersigned and shall remain confidential and shall not be disclosed to others, or in connection with any work or project other than the specific project for which the same have been prepared and developed without written consent of the undersigned. THIS DOCUMENT IS THE PROPERTY OF JMS CONSULTING AND SHALL REMAIN CONFIDENTIAL AND NOT BE DISCLOSED TO ANY OTHER PARTY WITHOUT THE WRITTEN CONSENT OF JMS CONSULTING.
	DRAWN BY: KCD	CHECKED BY: JMS	

SHEET TITLE:
BUILDING SECTIONS

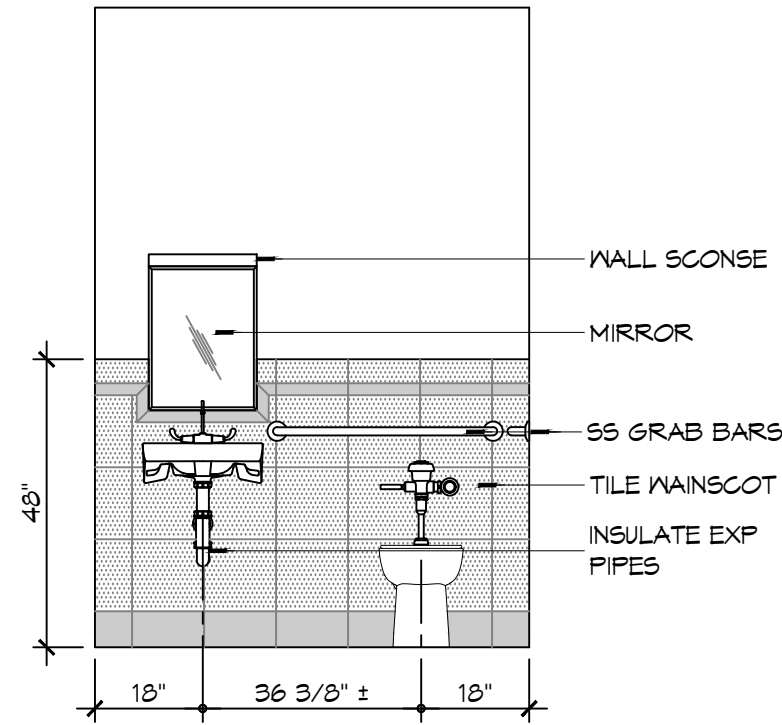
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A310

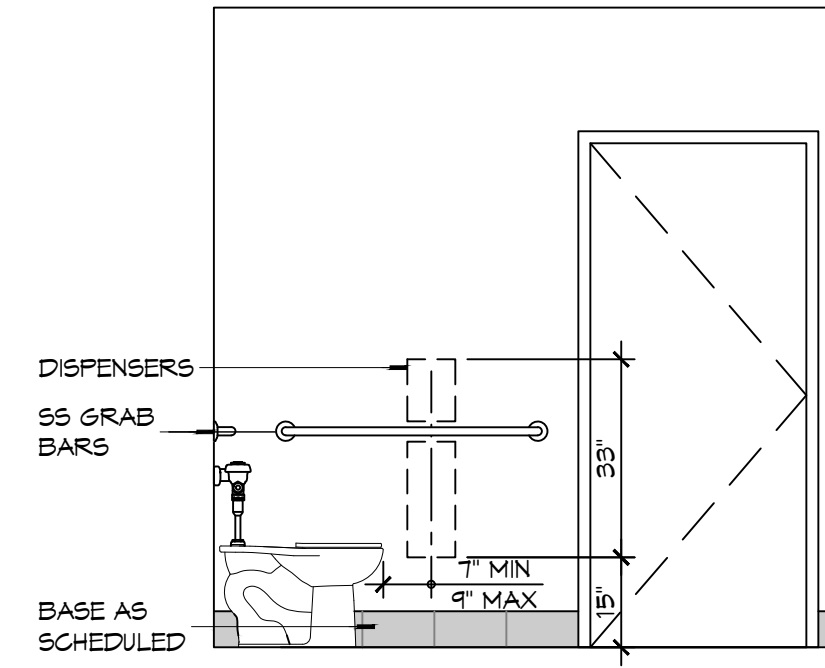
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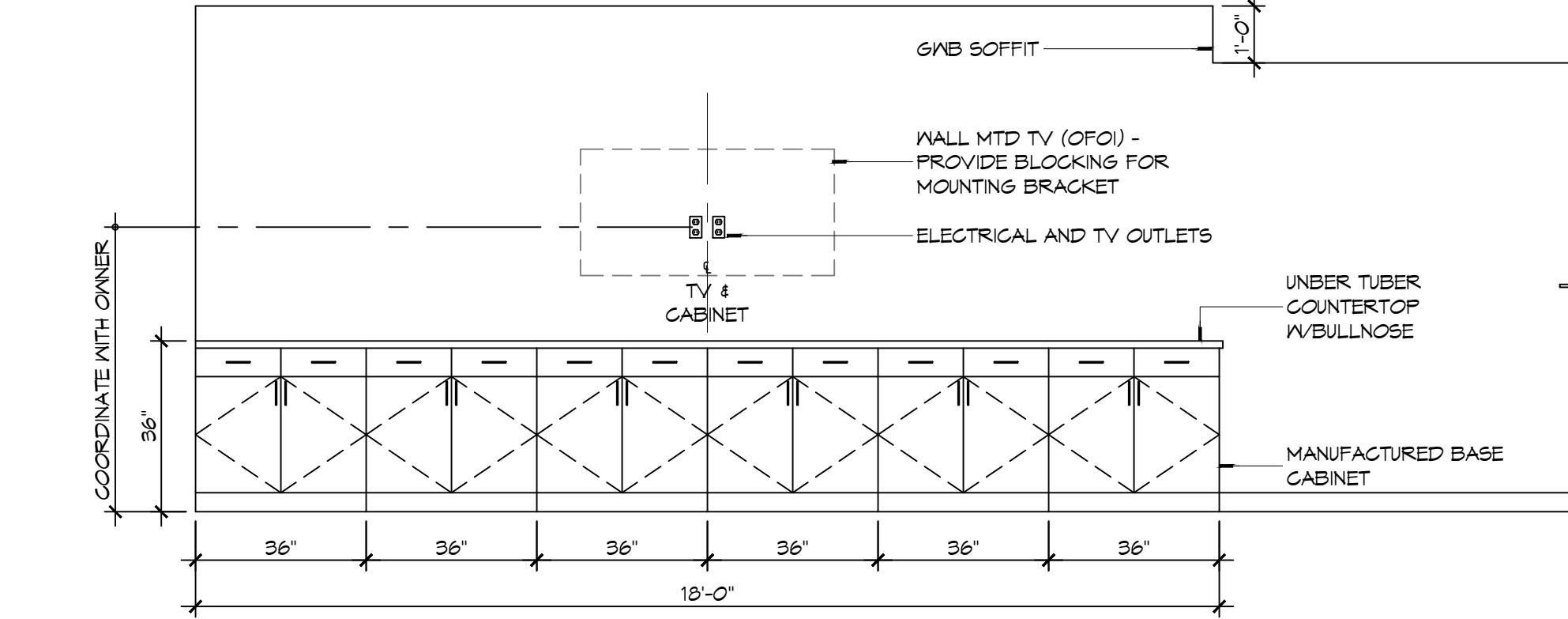
15 INTERIOR ELEV
SCALE: 3/8" = 1'-0" WOMENS TOILET - 104



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



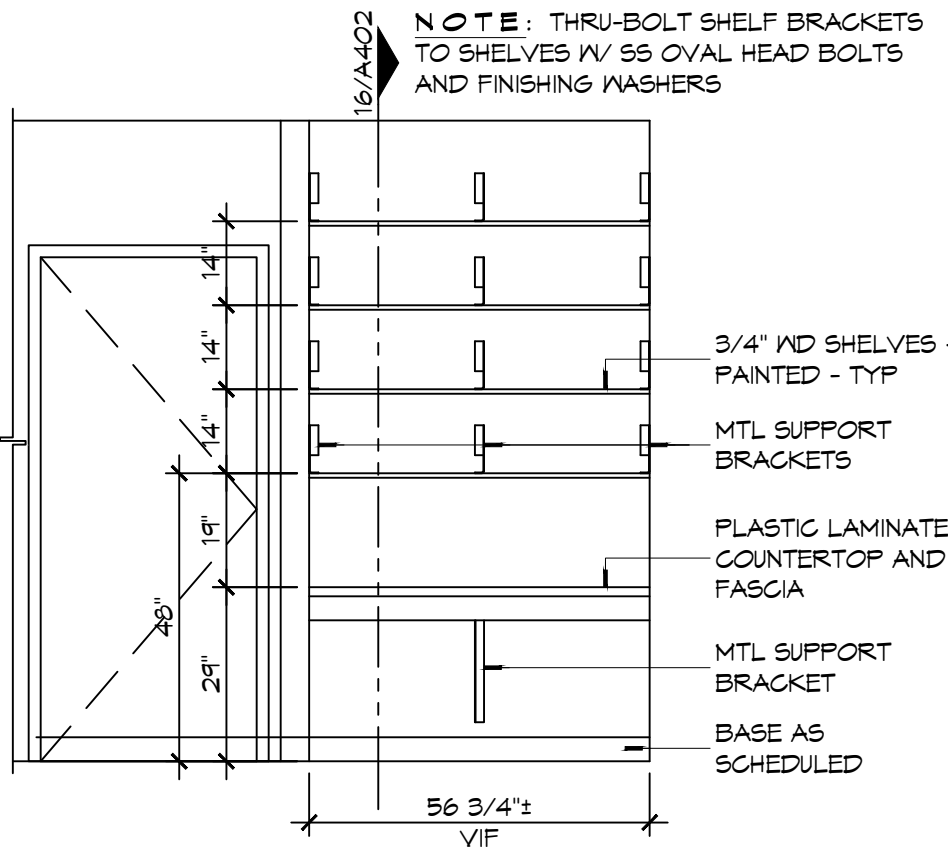
13 INTERIOR ELEV
SCALE: 3/8" = 1'-0" WOMENS TOILET - 104



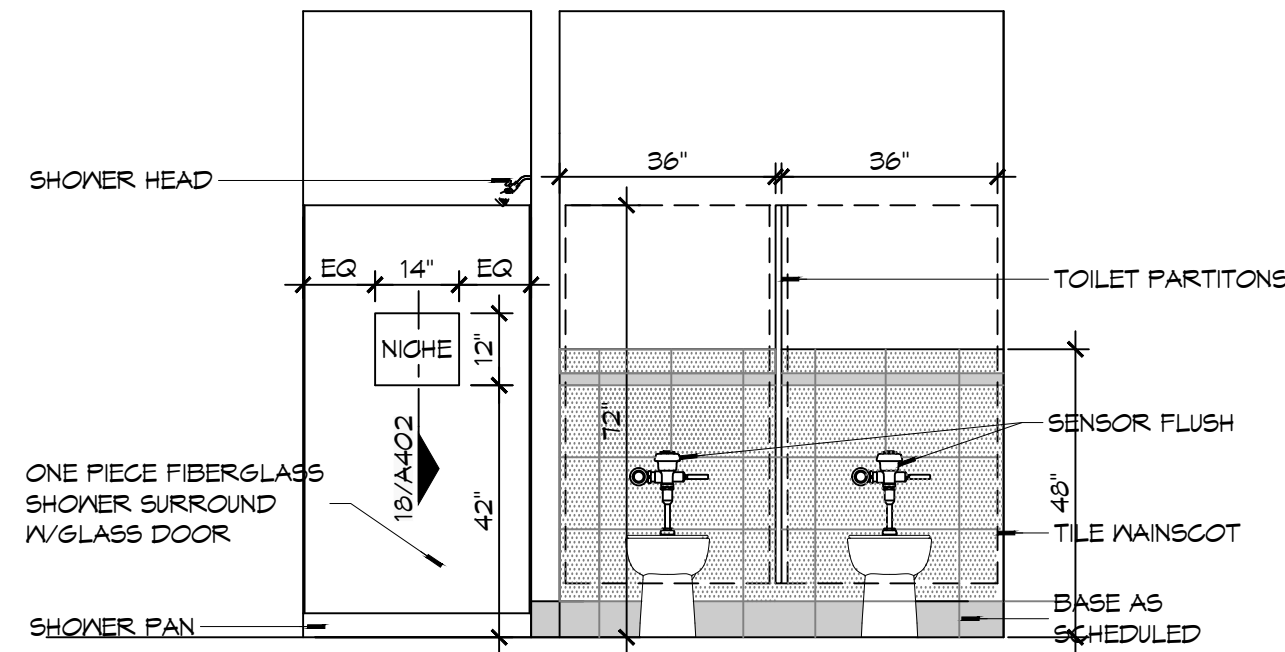
12 INTERIOR ELEVATION
SCALE: 3/8" = 1'-0" DAY ROOM - 102

INTERIOR ELEVATION NOTES

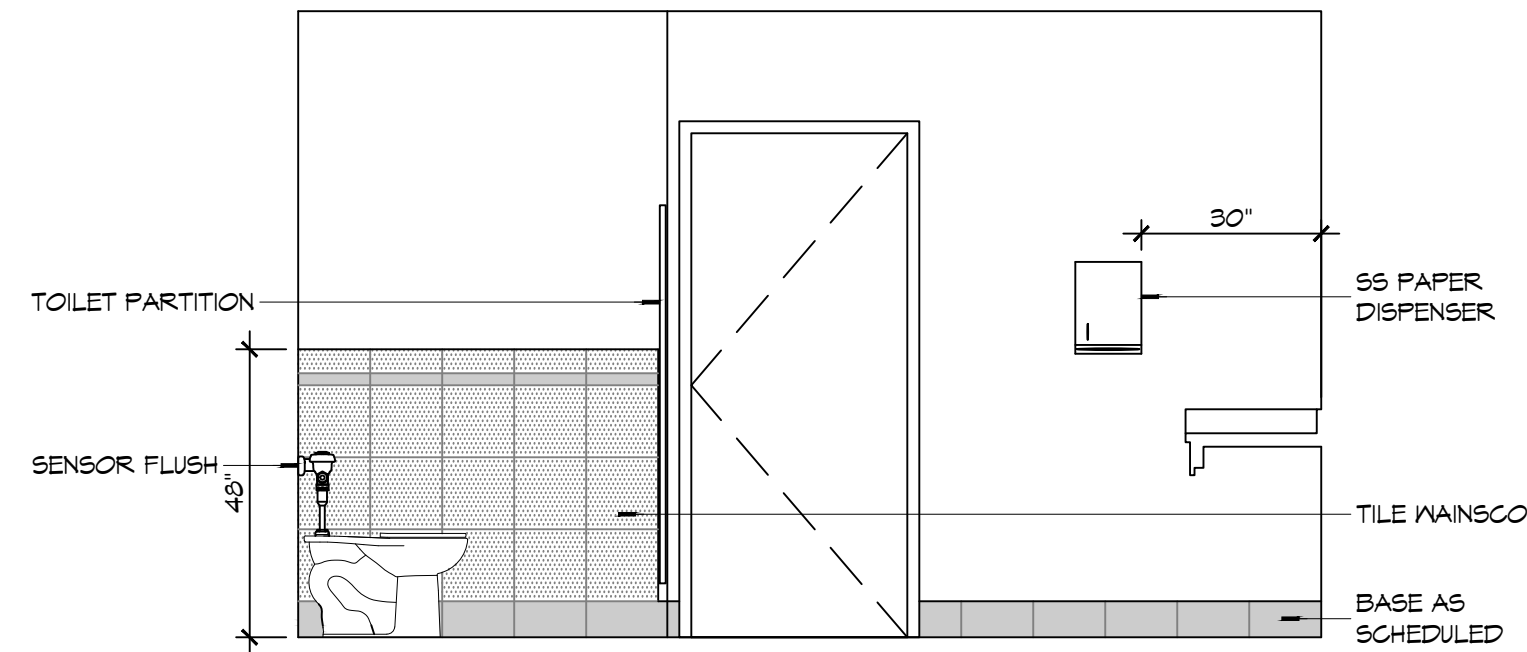
1. REFER TO SHEET 6003 FOR TYPICAL MOUNTING HEIGHTS AND FLOOR CLEARANCE REQUIREMENTS WHERE NOT SHOWN ON THIS SHEET.
2. NOT USED
3. PROVIDE 1/8" R EASED EDGES AT ALL EXPOSED GRANITE COUNTERTOP AND BACKSLASH EDGES UNLESS OTHERWISE NOTED.
4. BLOCKING FOR CABINETS IS NOT SHOWN ON THESE DRAWINGS. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND COORDINATING WALL BLOCKING FOR CABINETRY. WHERE WOOD BLOCKING IS PROHIBITED BY CODE PROVIDE GALVANIZED SHEET BLOCKING.
5. PROVIDE 5/8" CEMENTITIOUS BACKERBOARD BEHIND ALL CERAMIC WALL TILE INSTALLATIONS. WHERE CERAMIC WALL TILE IS APPLIED TO A RATED WALL ASSEMBLY USE TYPE "X" MOISTURE RESISTANT GAB.
6. PROVIDE FULL FINISHED END PANELS ON ALL EXPOSED CASEWORK.
7. PROVIDE FILLER PANEL WHERE CASEWORK MEETS WALL. SCRIBE AS NECESSARY TO ACHIEVE TIGHT FIT TO FINISH SURFACE.
8. FIELD VERIFY (VF) ALL DIMENSIONS PRIOR TO SHOP DRAWING SUBMITTAL.
9. ELEG 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.



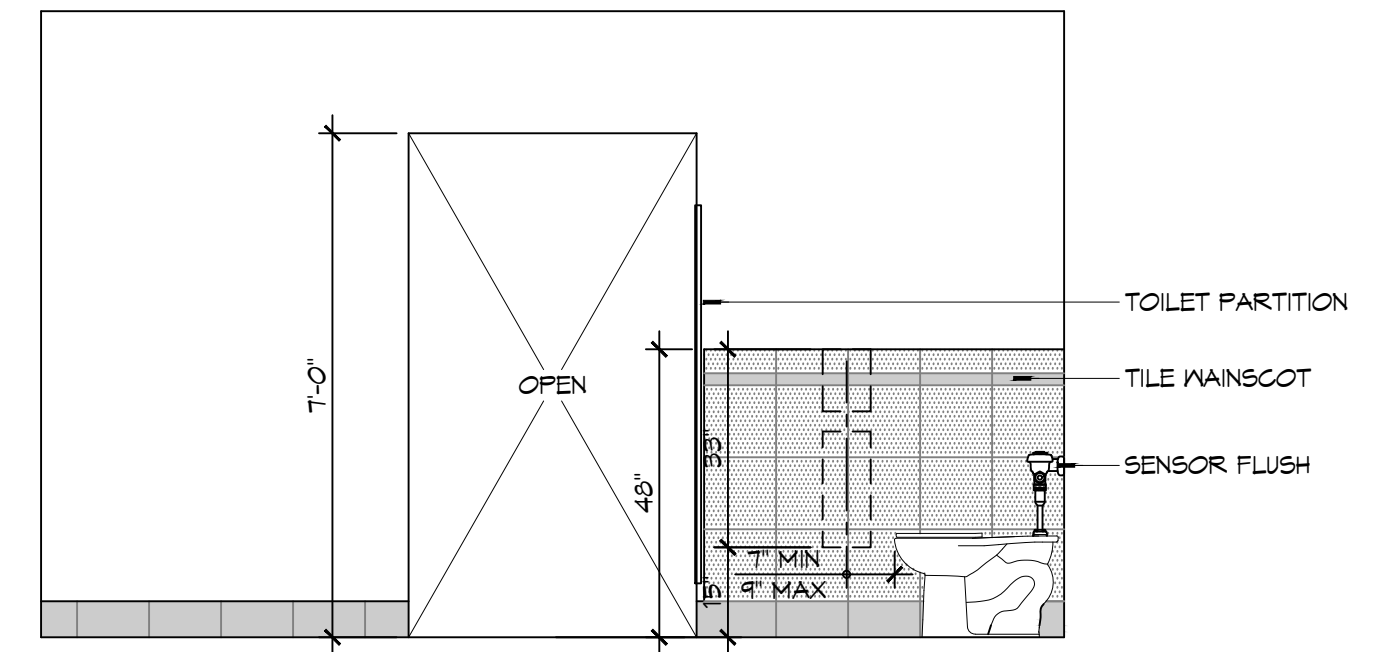
11 INTERIOR ELEV
SCALE: 3/8" = 1'-0" BUNK ROOM - 113



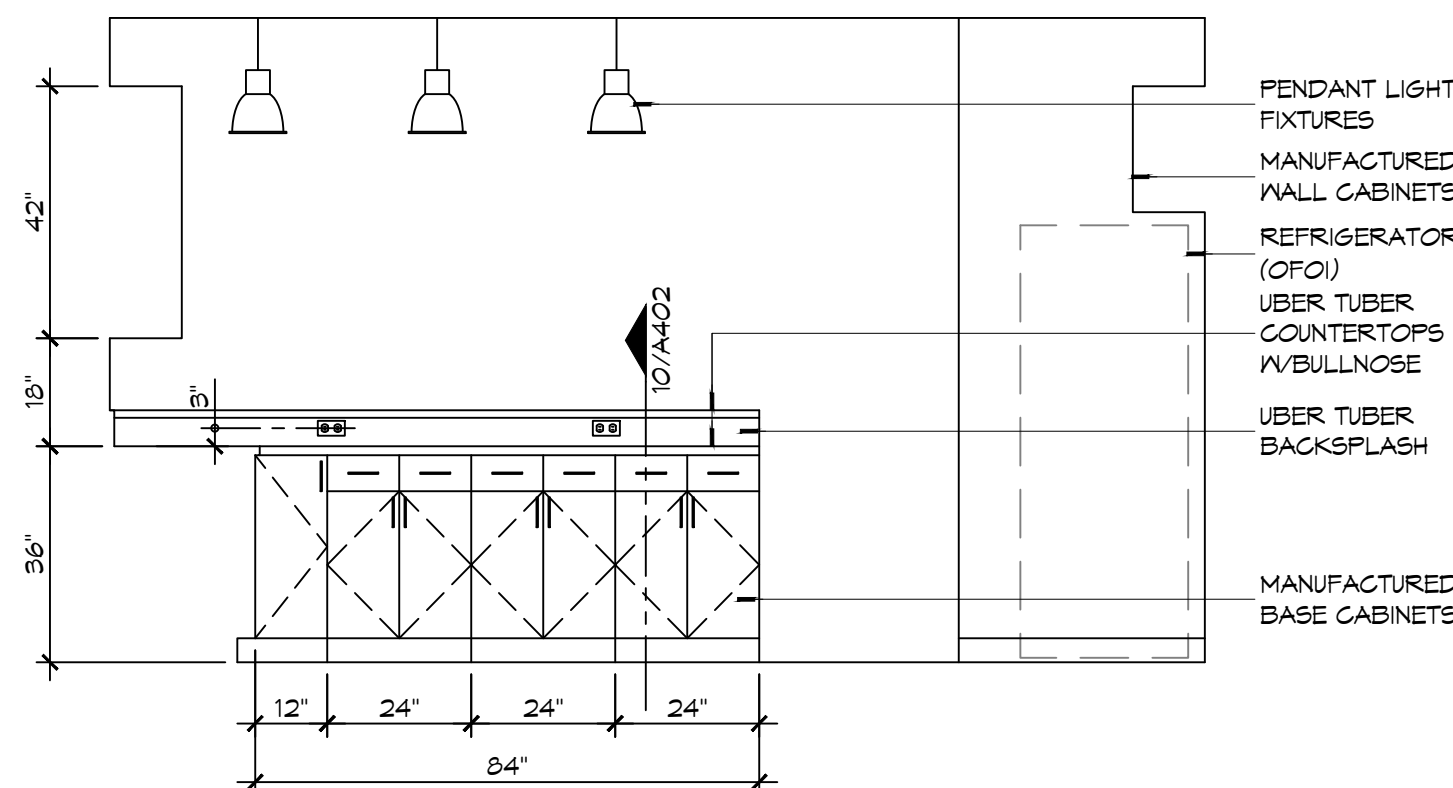
10 INTERIOR ELEVATION
SCALE: 3/8" = 1'-0" MENS TOILET - 114 & MENS SHOWER - 116



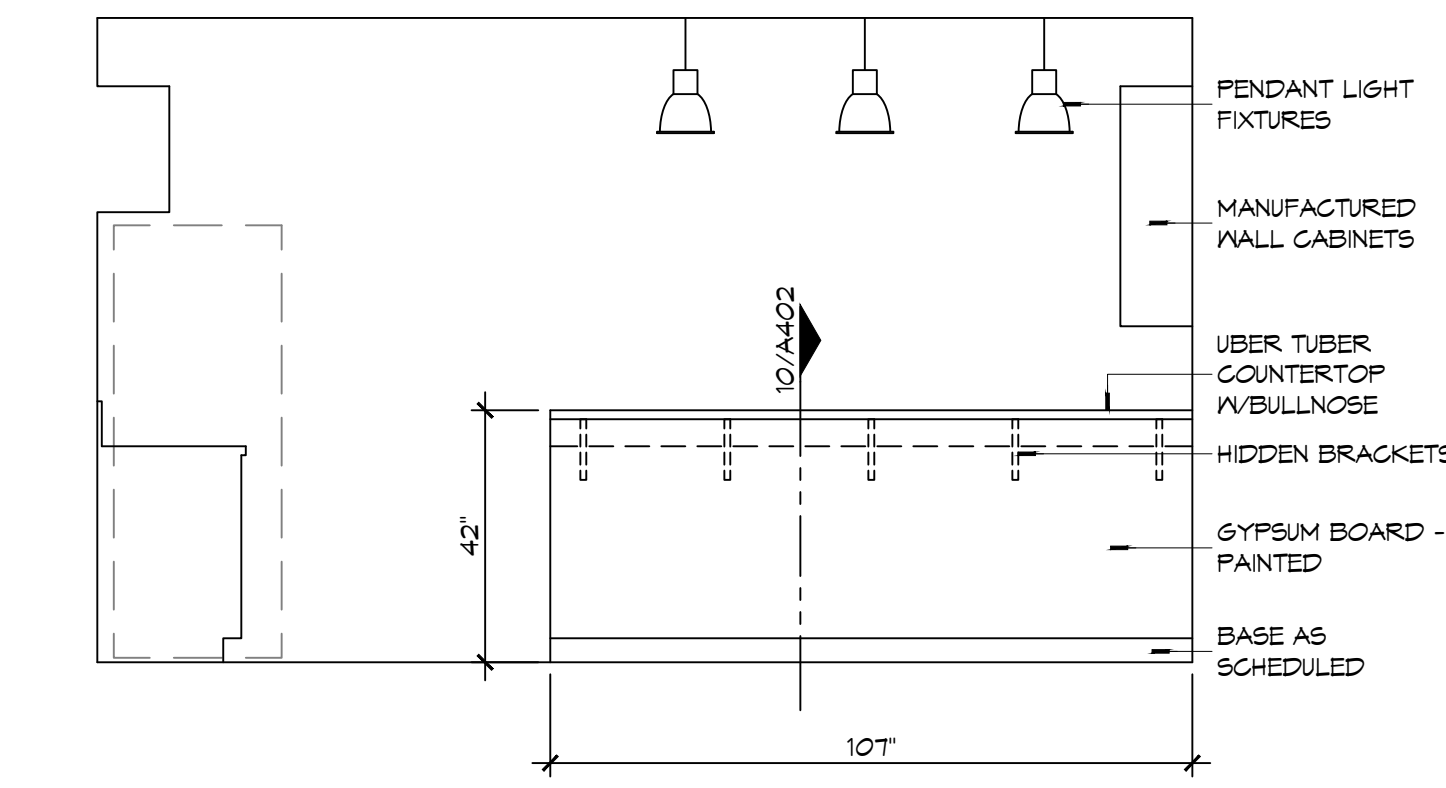
9 INTERIOR ELEVATION
SCALE: 3/8" = 1'-0" MENS TOILET - 114



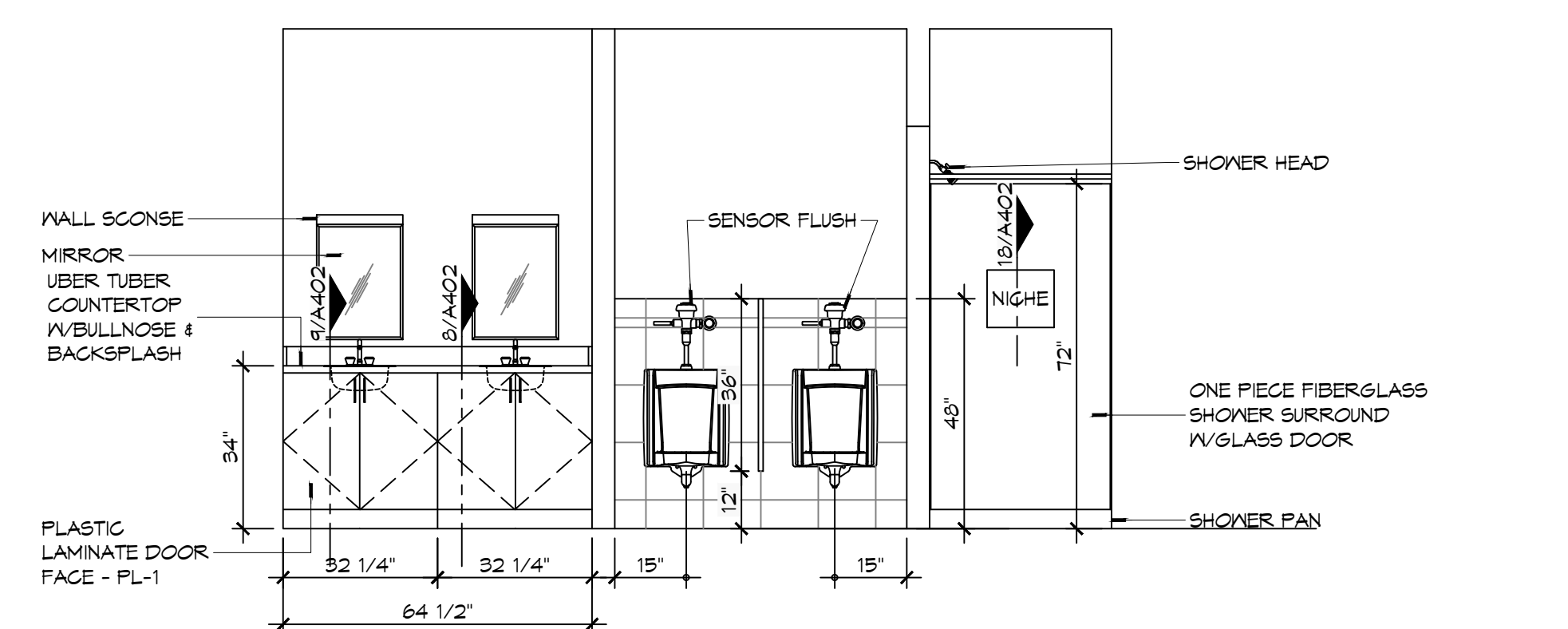
8 INTERIOR ELEVATION
SCALE: 3/8" = 1'-0" MENS TOILET - 114



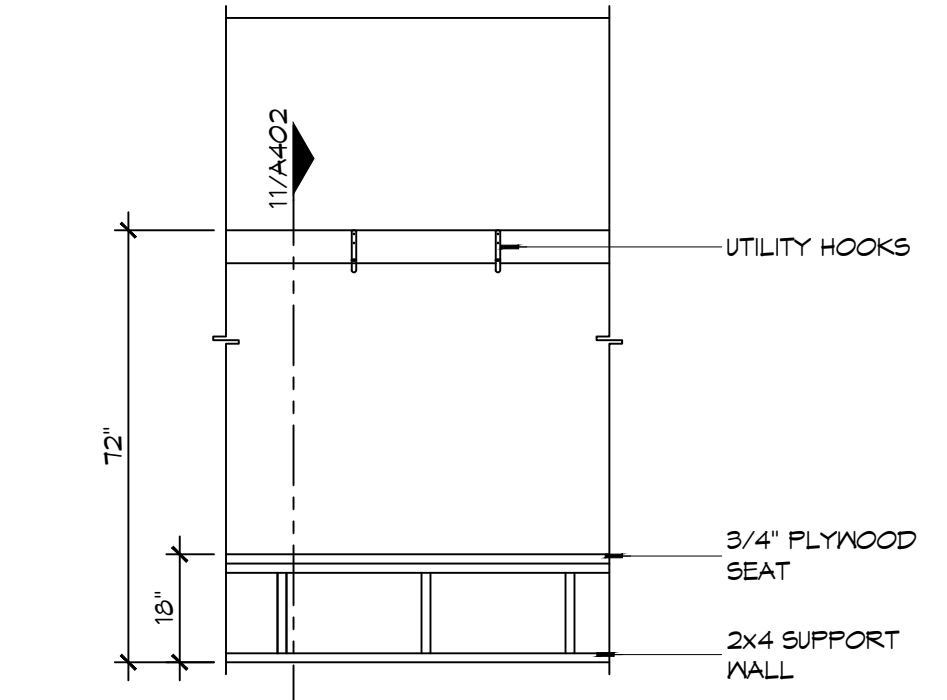
7 INTERIOR ELEVATION
SCALE: 3/8" = 1'-0" KITCHEN - 108



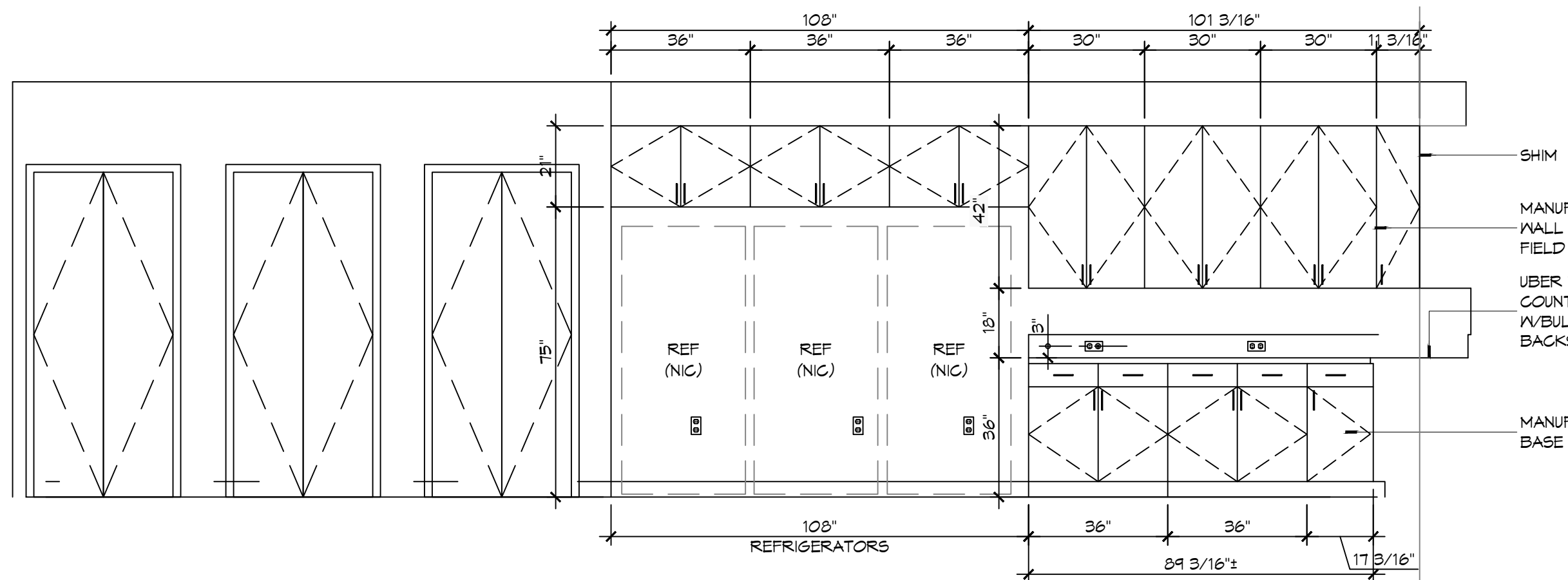
6 INTERIOR ELEVATION
SCALE: 3/8" = 1'-0" KITCHEN - 108



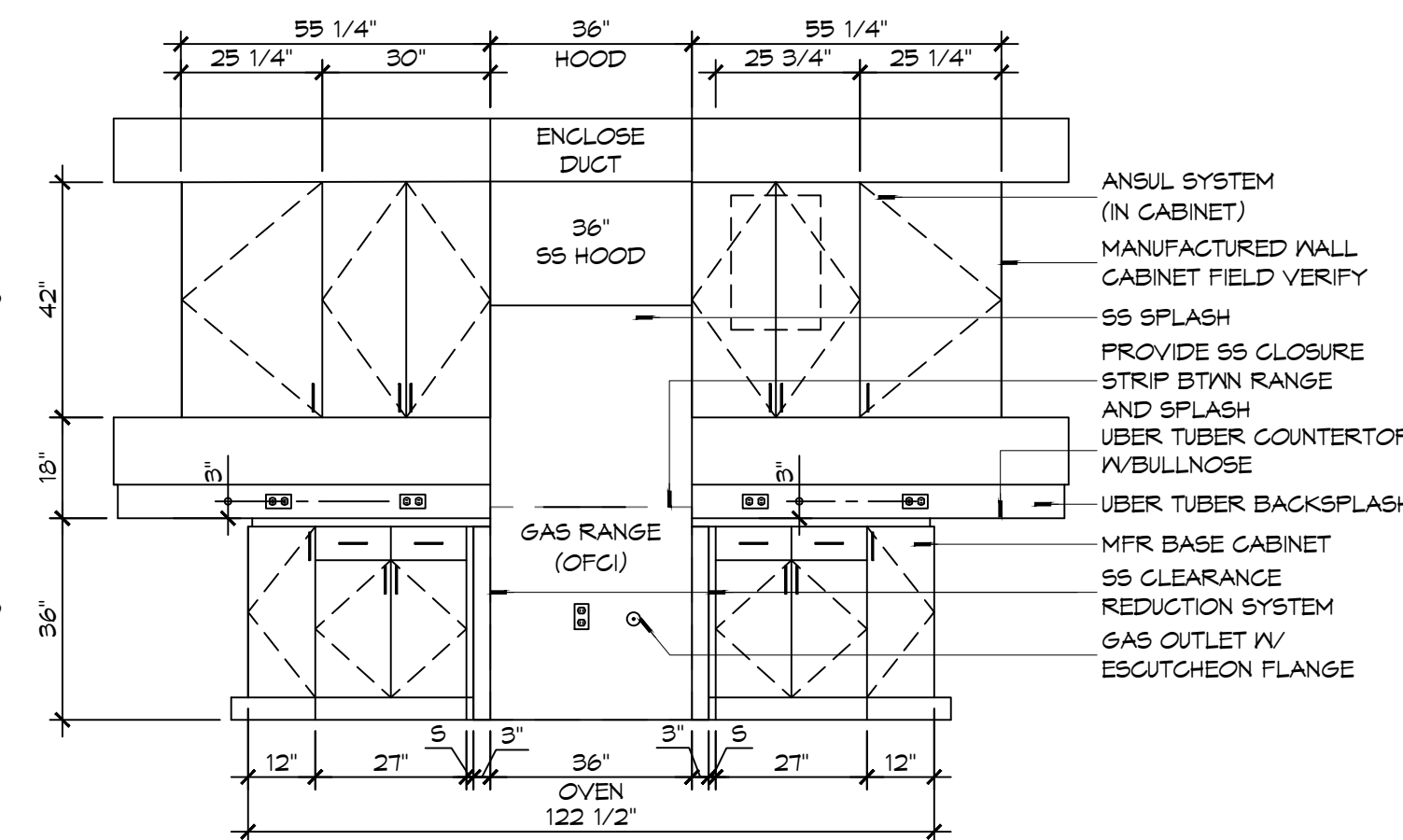
5 INTERIOR ELEVATION
SCALE: 3/8" = 1'-0" MENS TOILET - 114 & MENS SHOWER - 116



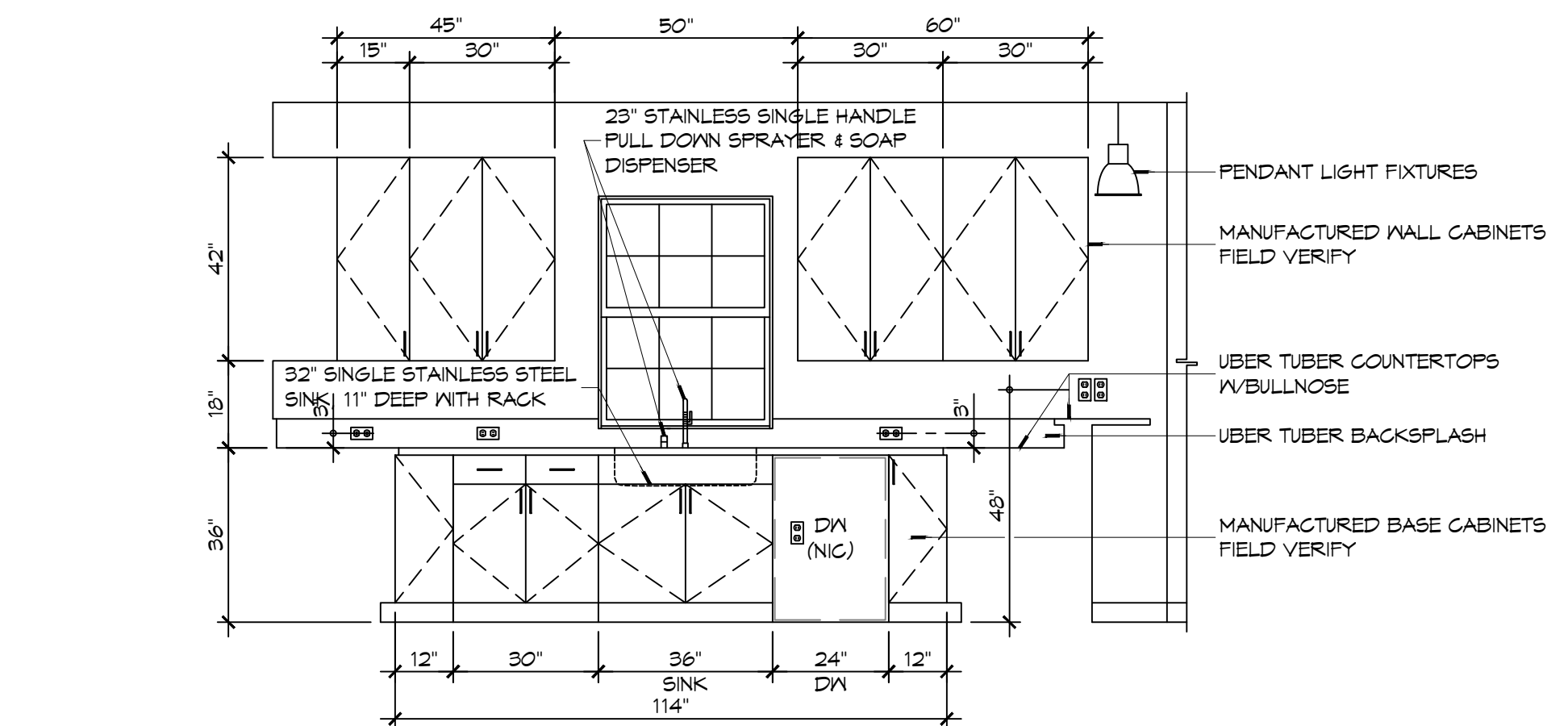
4 INTERIOR ELEV
SCALE: 3/8" = 1'-0" GEAR ROOM - 122



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



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



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

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#	DESCRIPTION	DATE



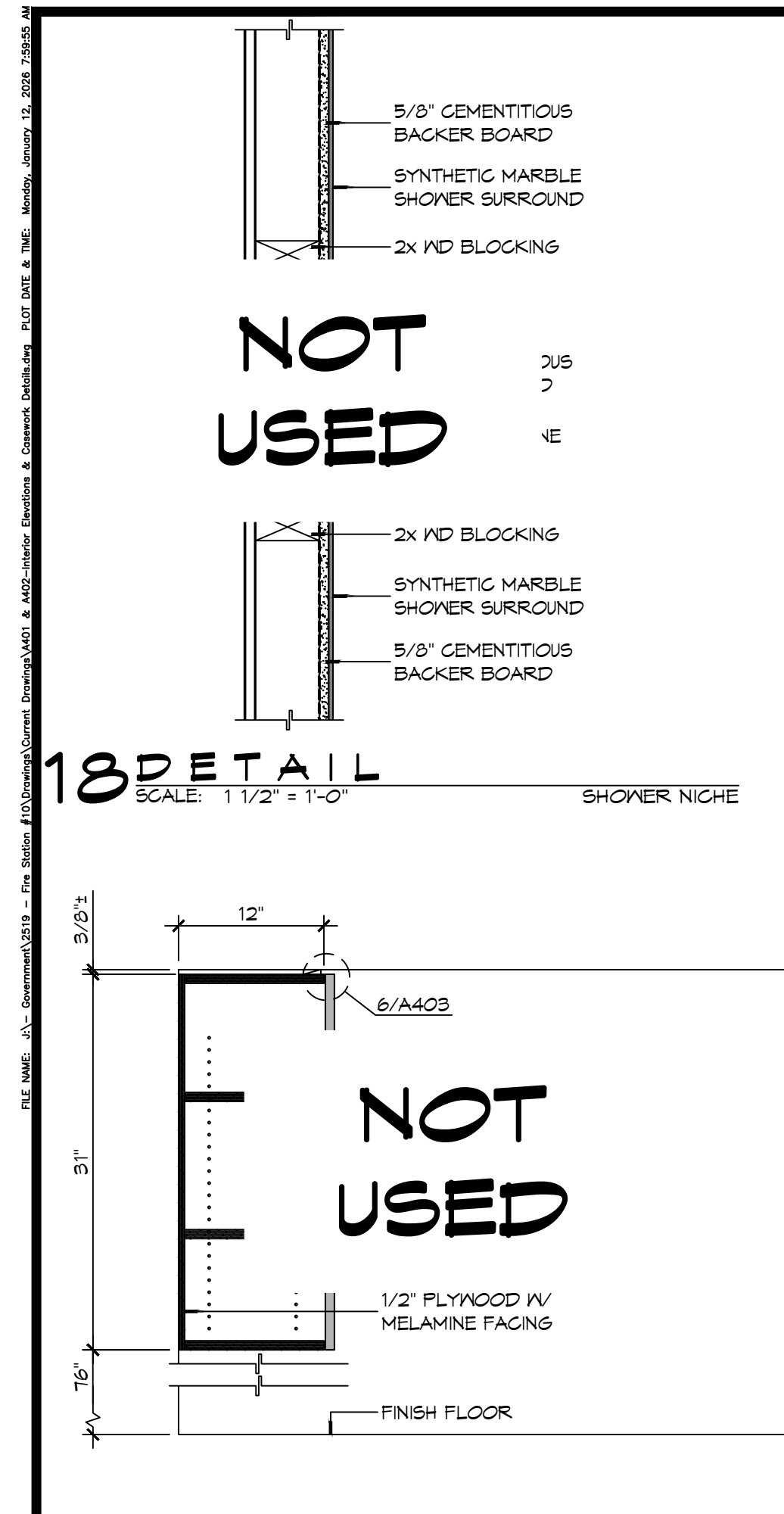
NEW FIRE STATION #10
ST. TAMMANY FIRE PROTECTION
DISTRICT NO. 1

SHEET TITLE:
INTERIOR ELEVATIONS

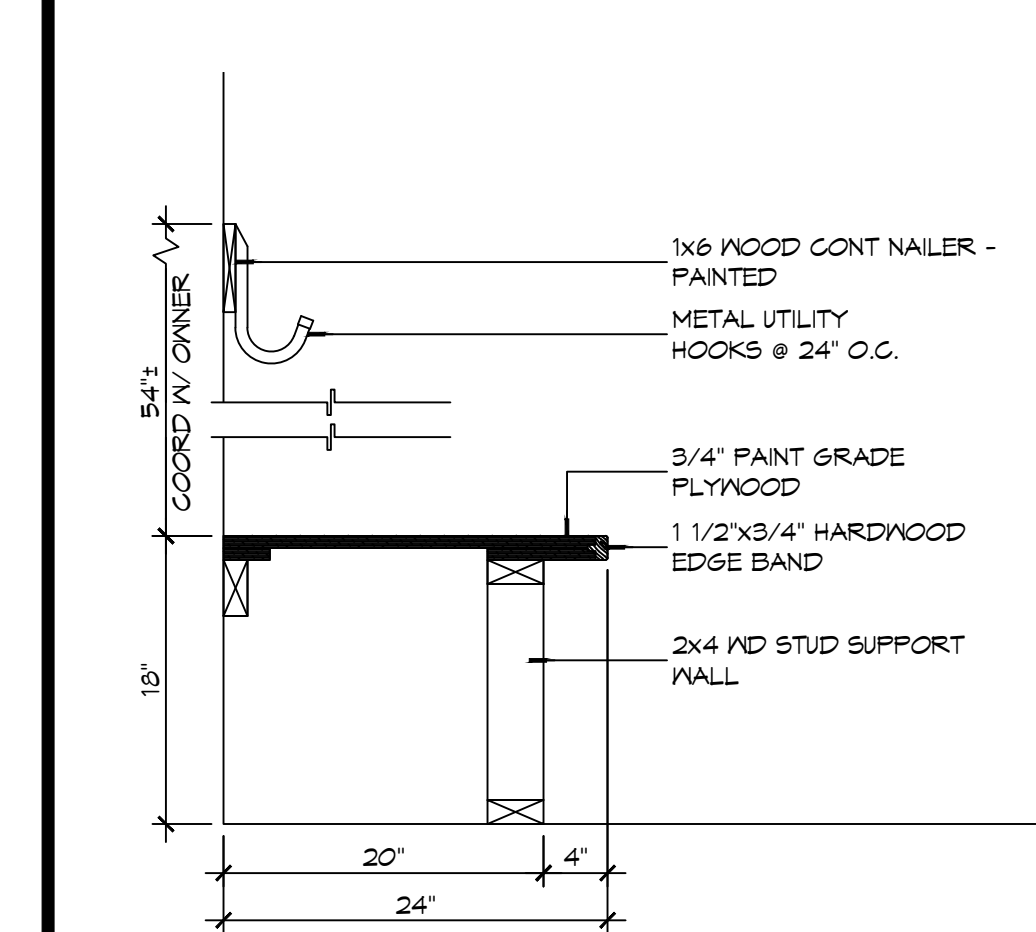
DRAWING NUMBER:

A401

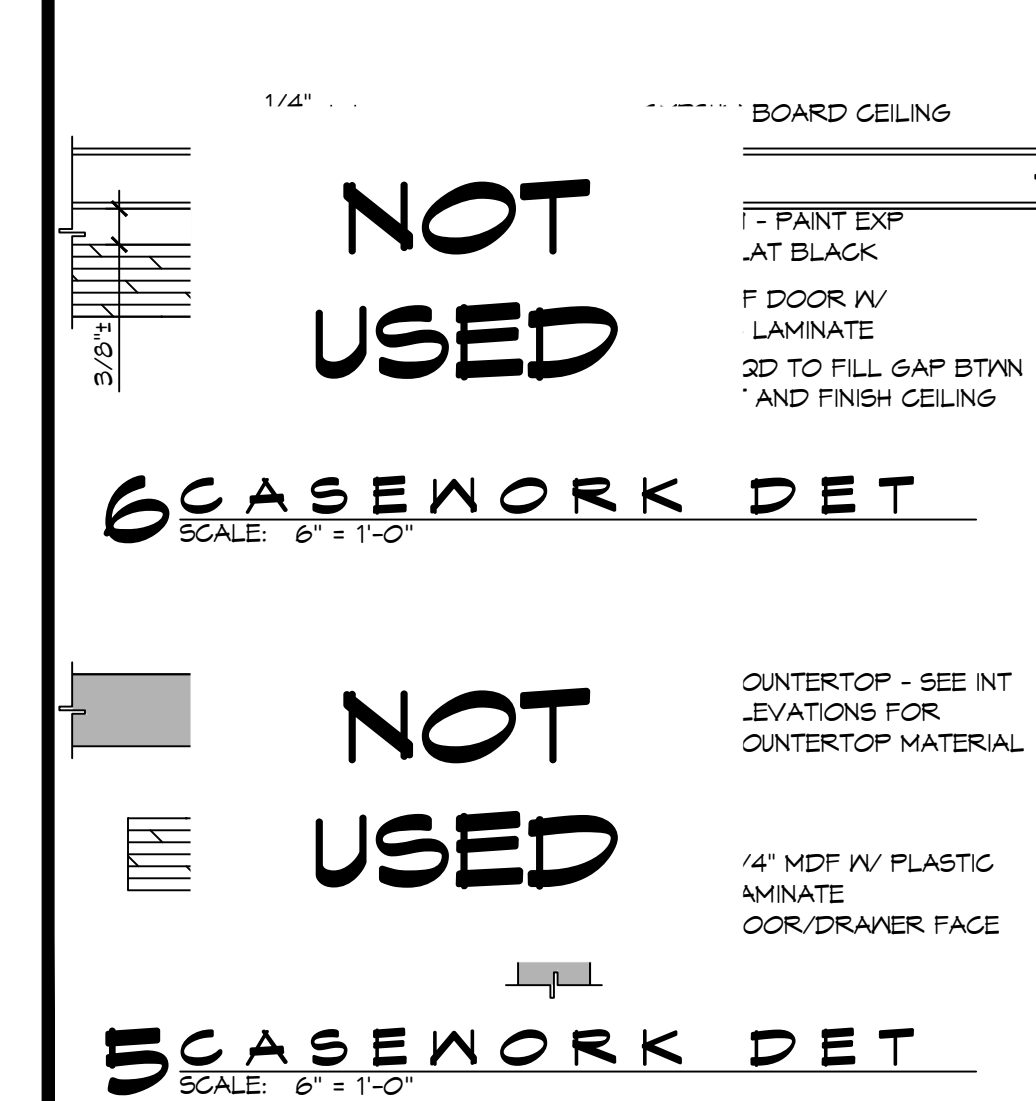
SHEET No: 25 of 37

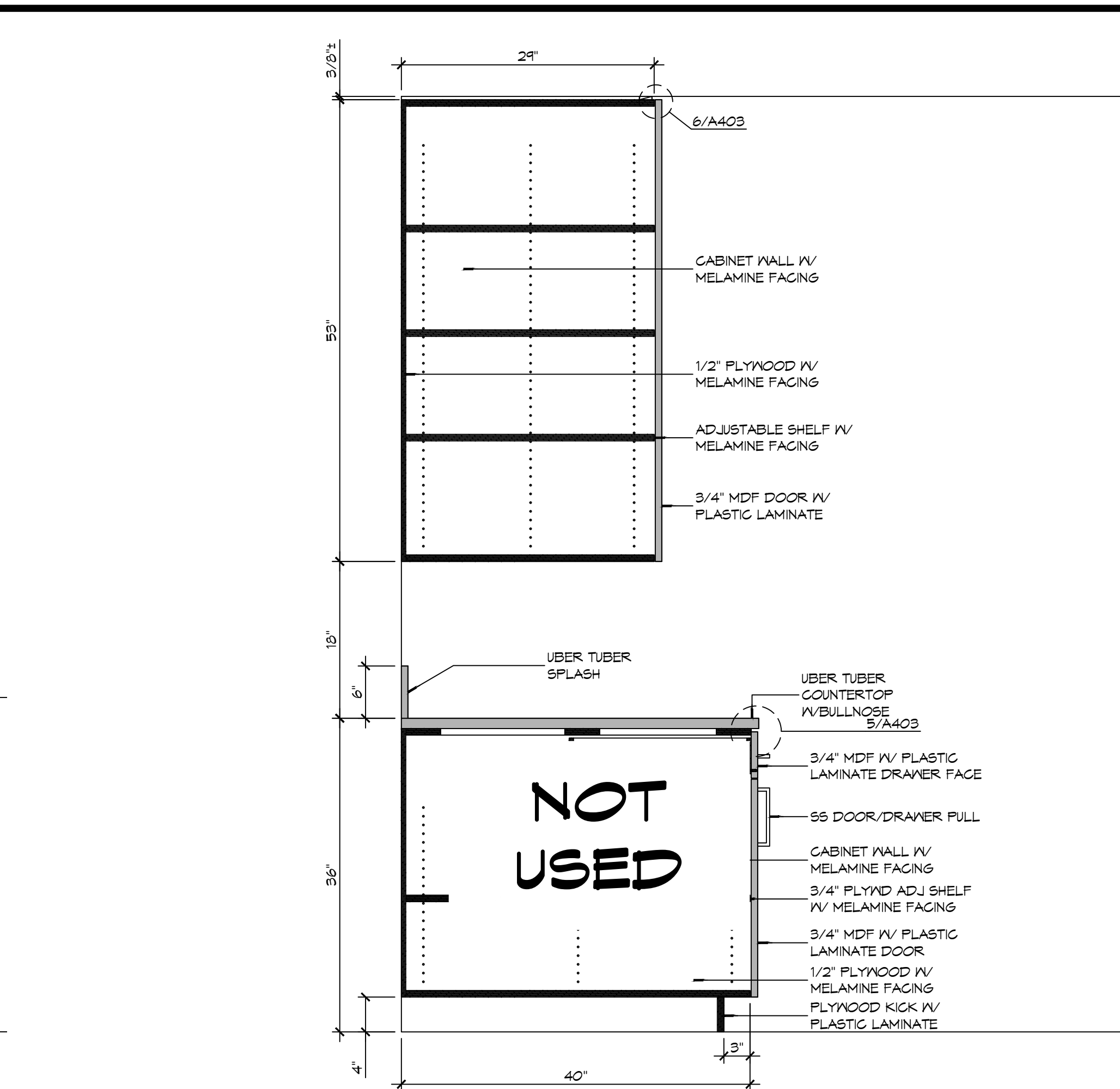


17 CASEWORK DET
SCALE: 1" = 1'-0" KITCHEN WALL CABINET

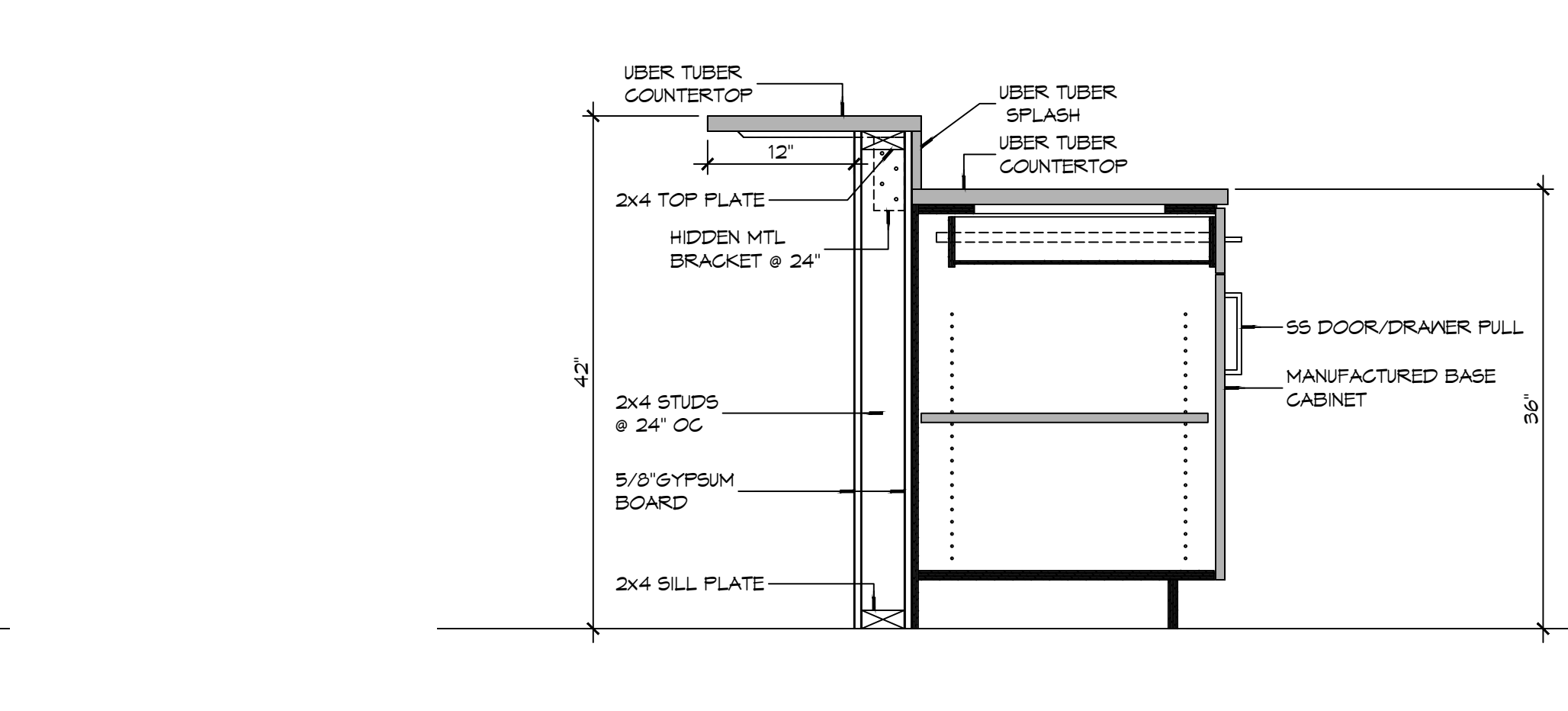


11 CASEWORK DET
SCALE: 1" = 1'-0" GEAR ROOM

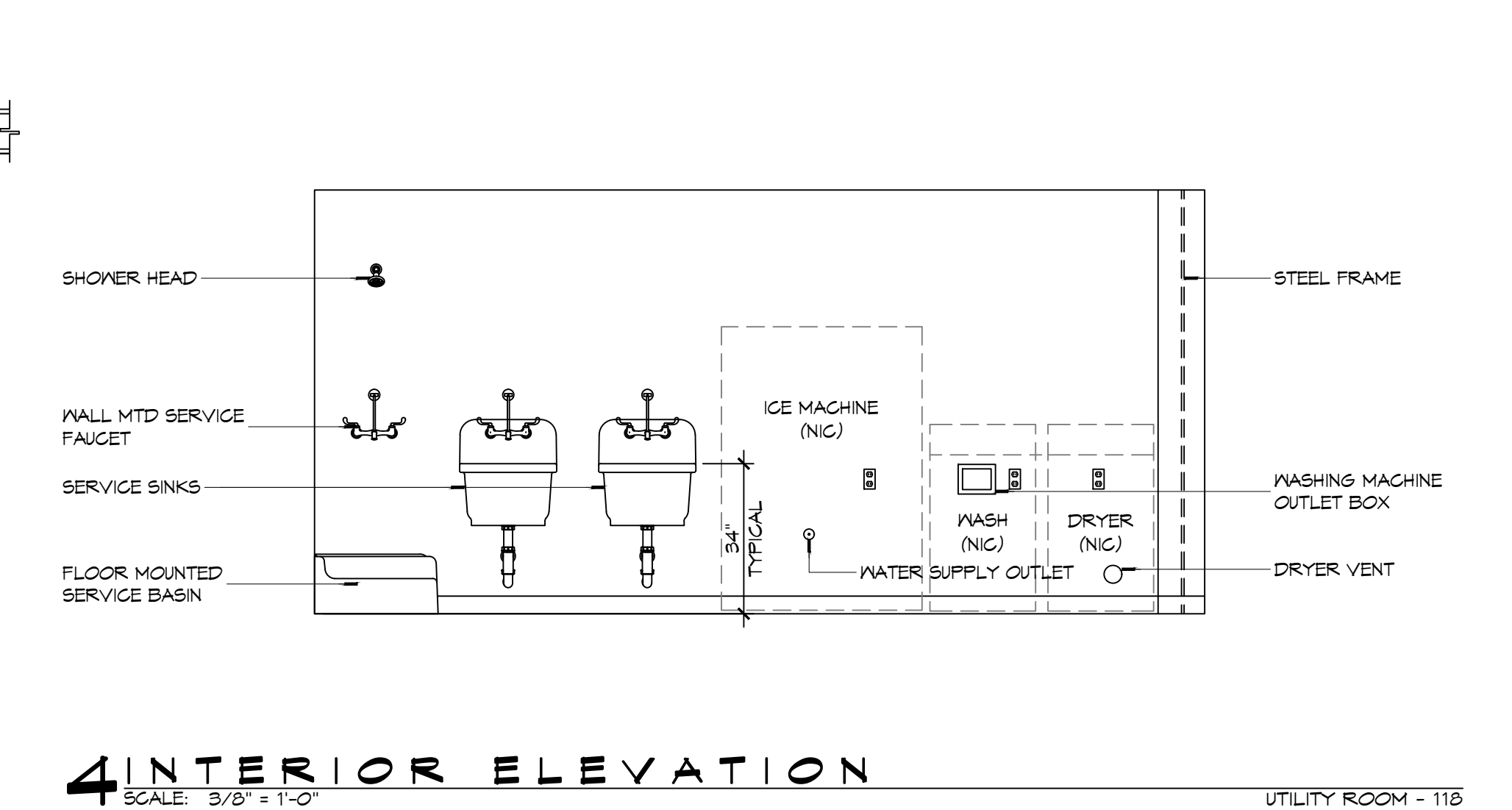


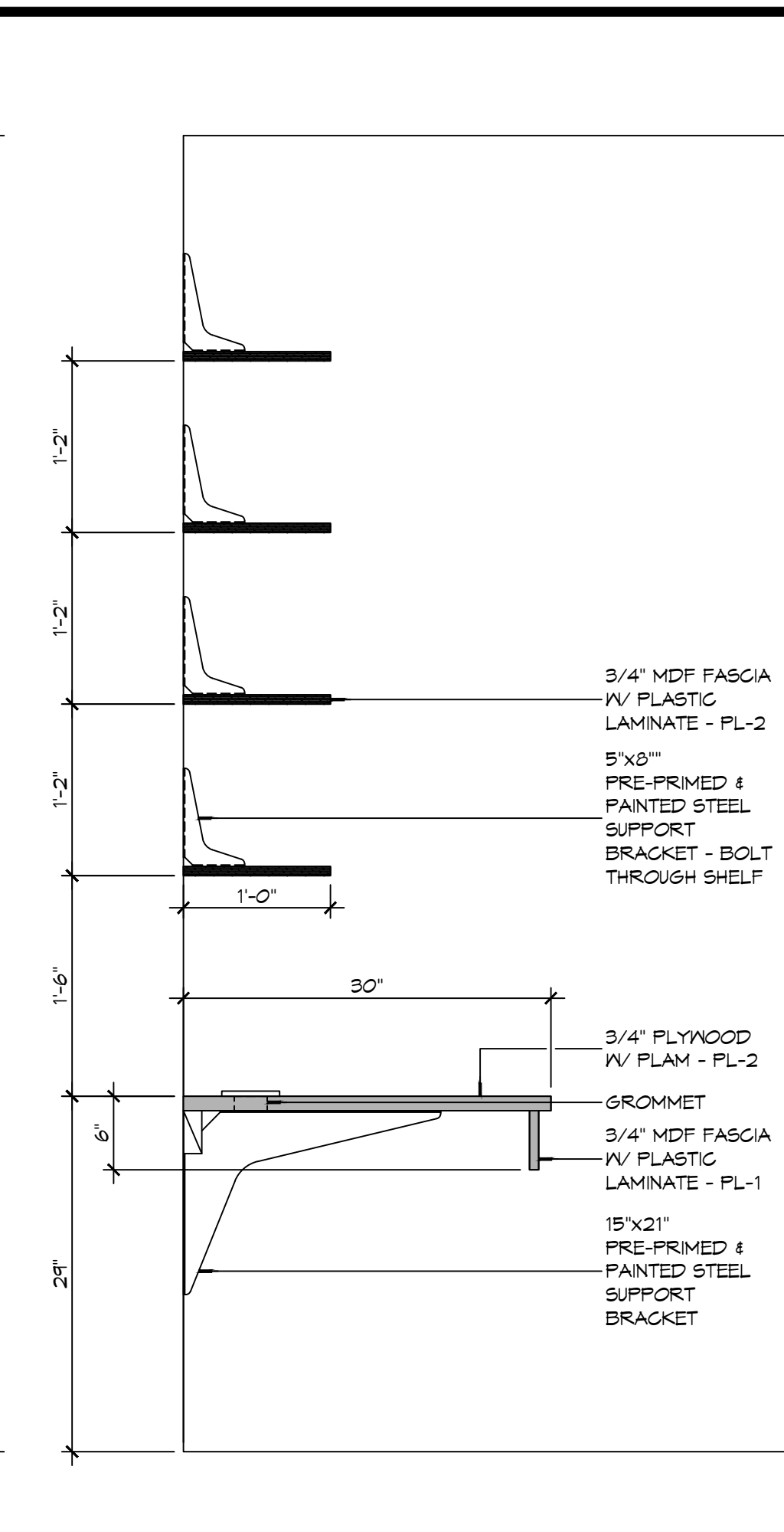


16 CASEWORK DETAIL

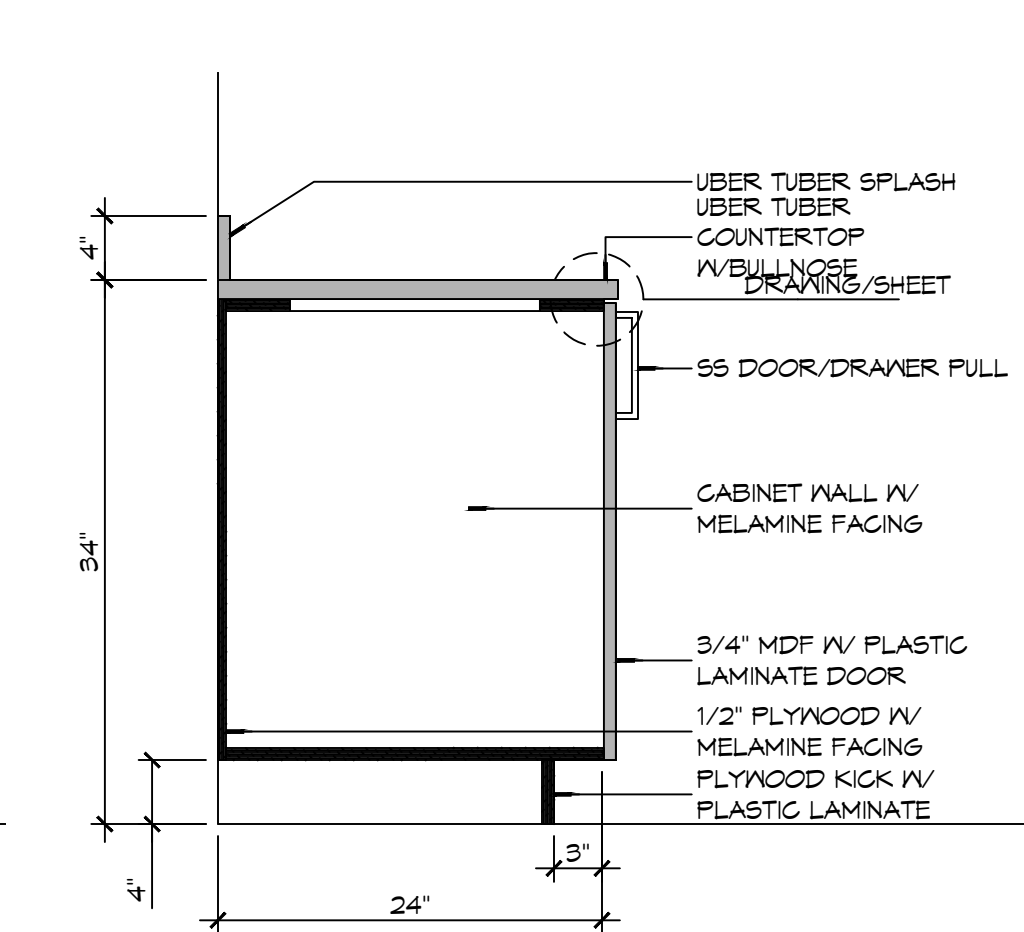


10 CASEWORK DETAIL
SCALE: 1" = 1'-0"

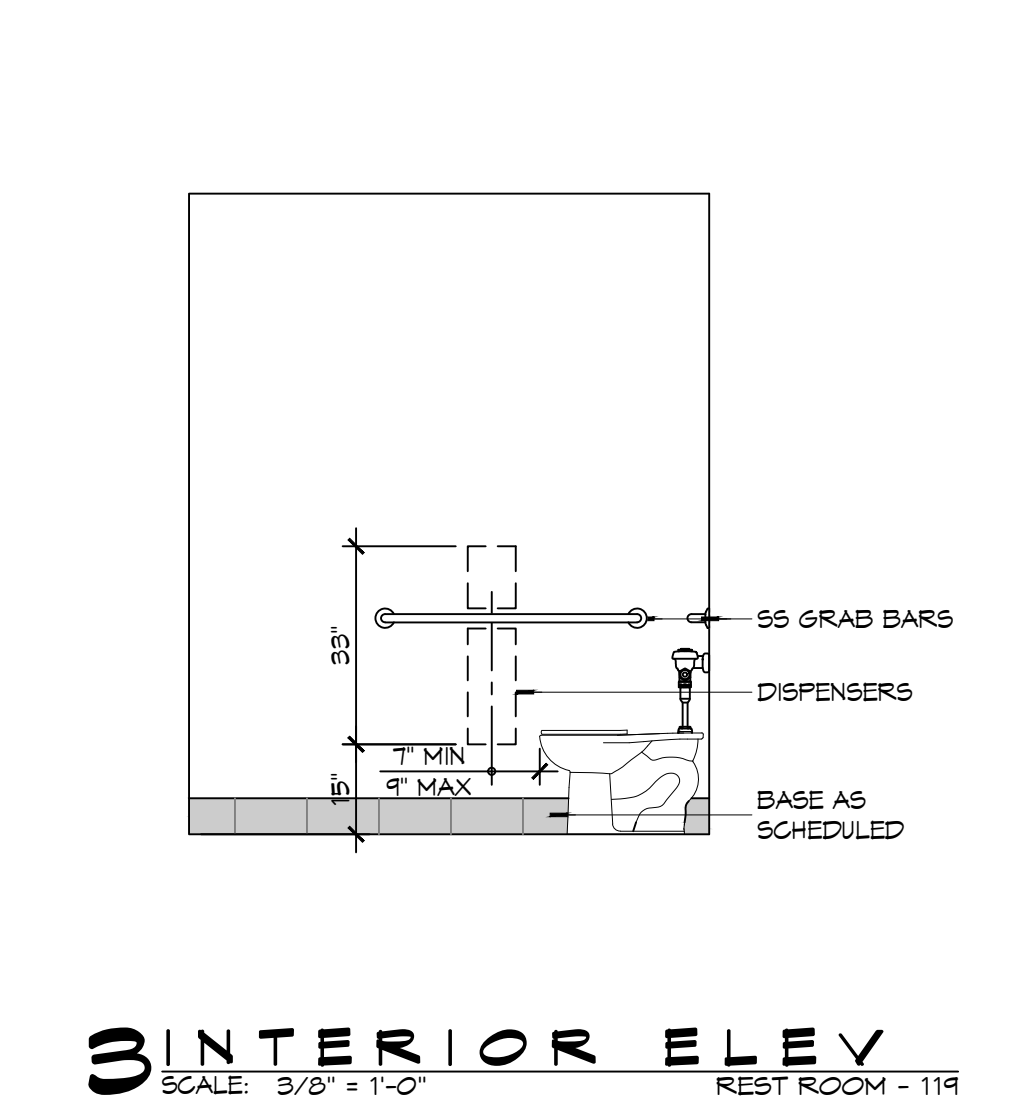


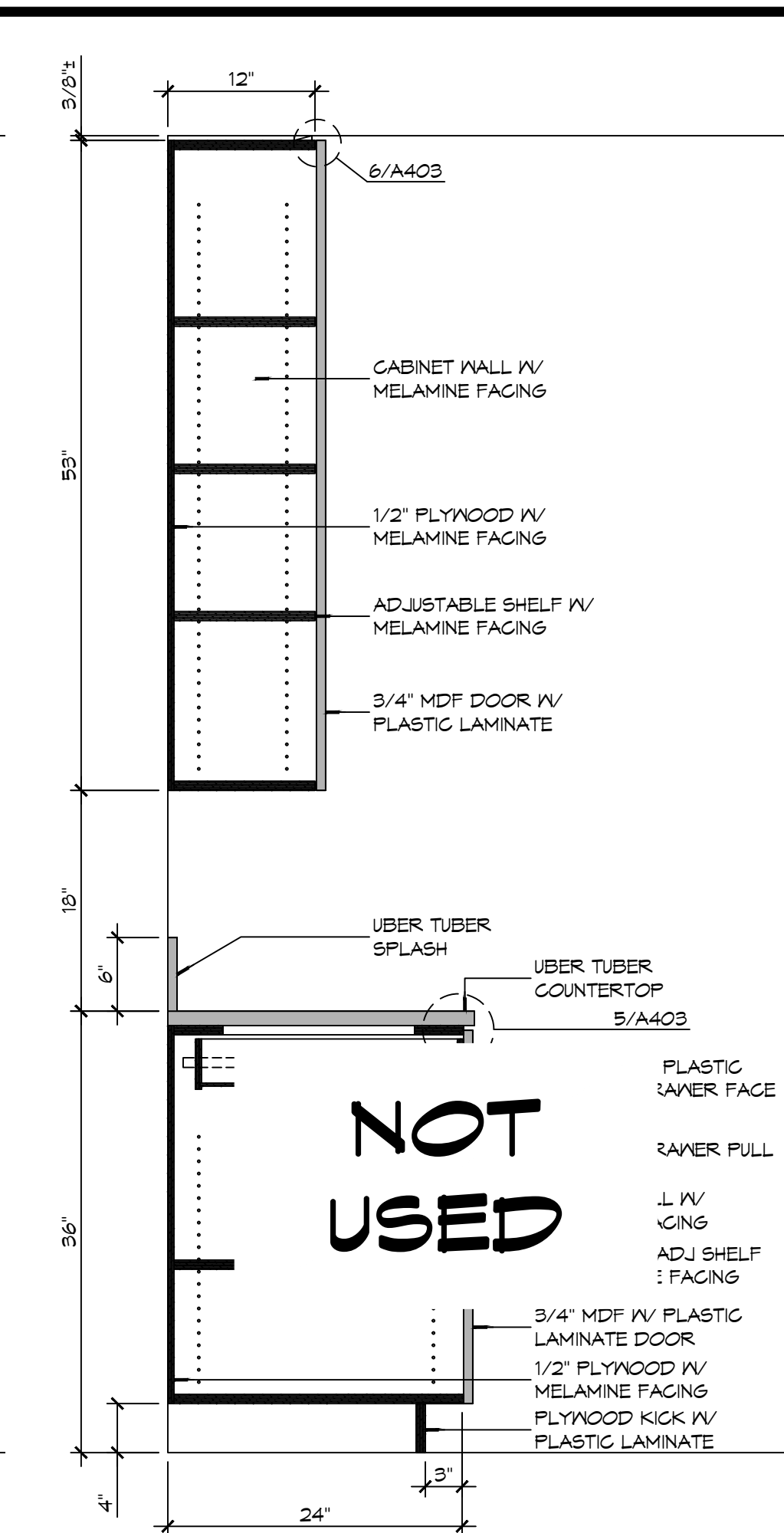


15 CASEWORK DET
SCALE: 1" = 1'-0" BUNK ROOM



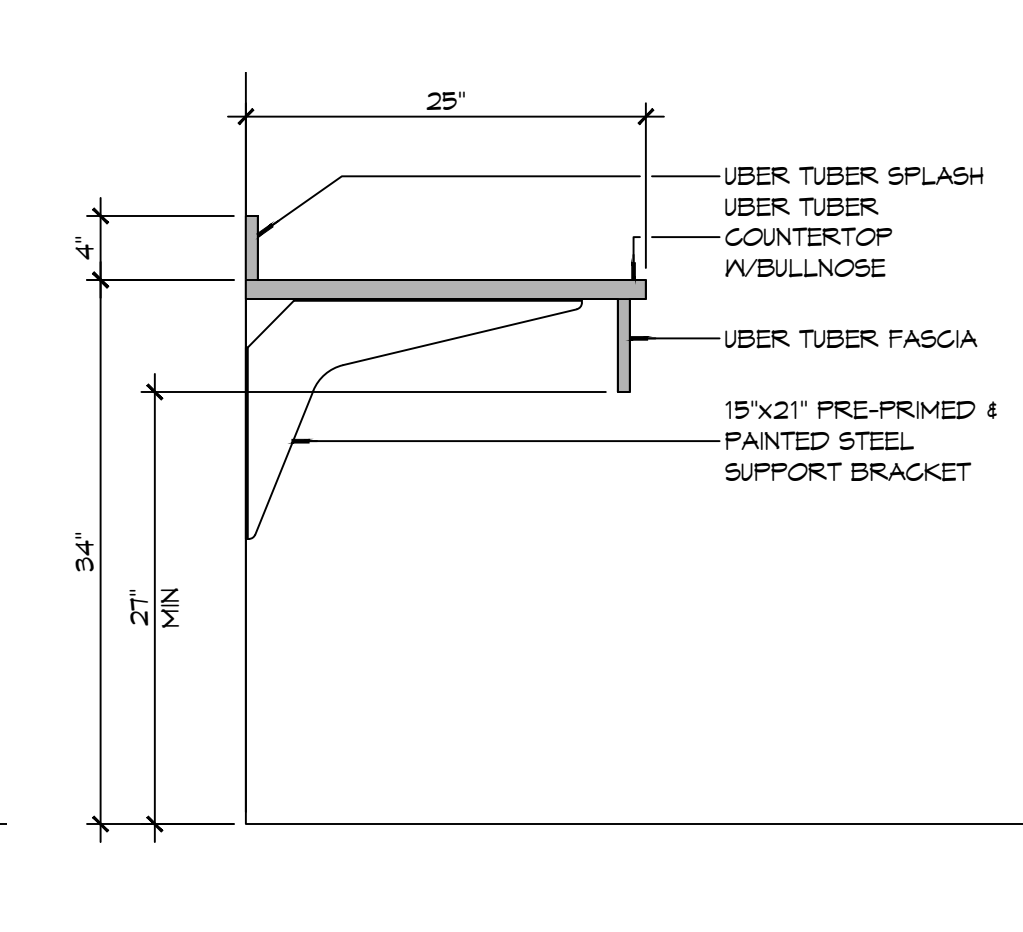
9 CASEWORK DET
SCALE: 1" = 1'-0" LAVATORY BASE CABINET



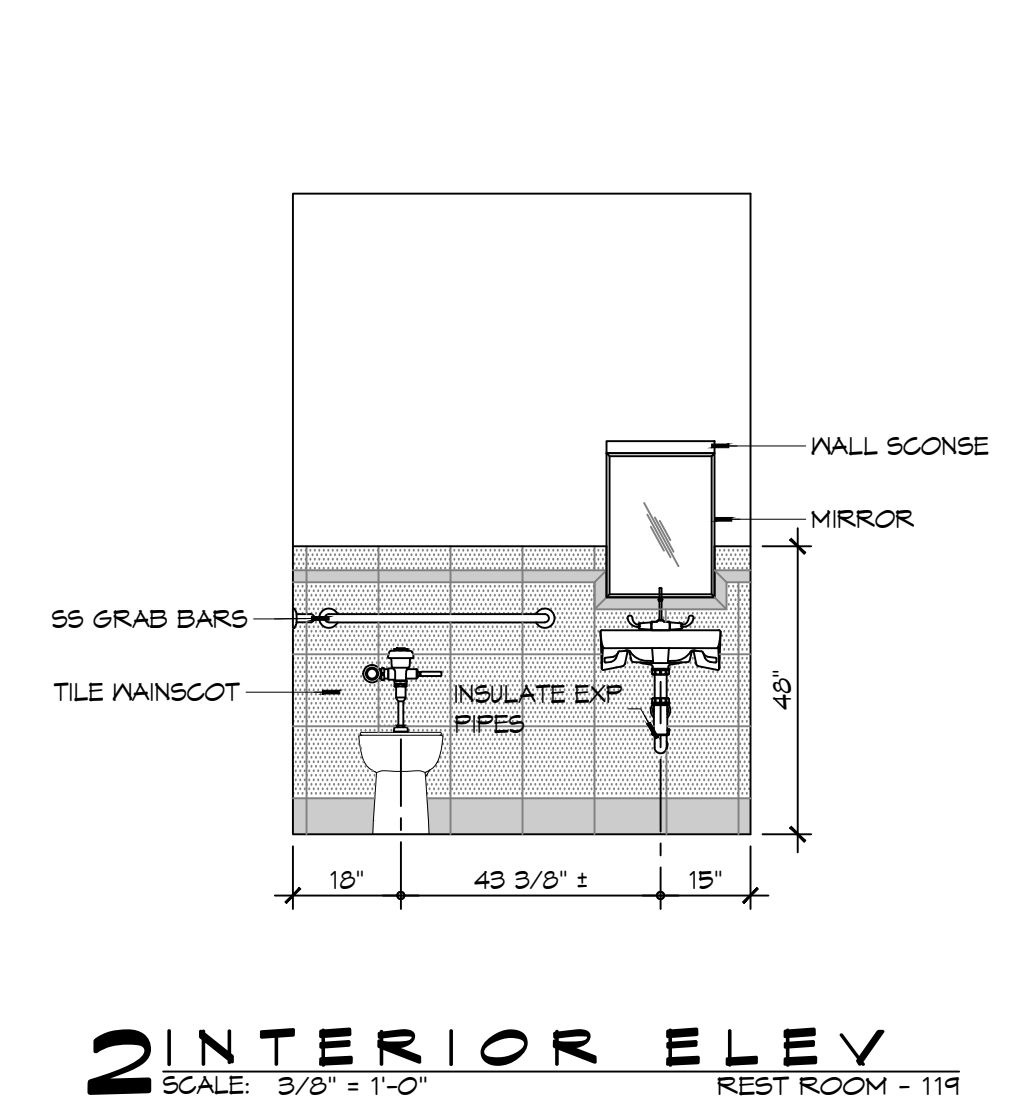


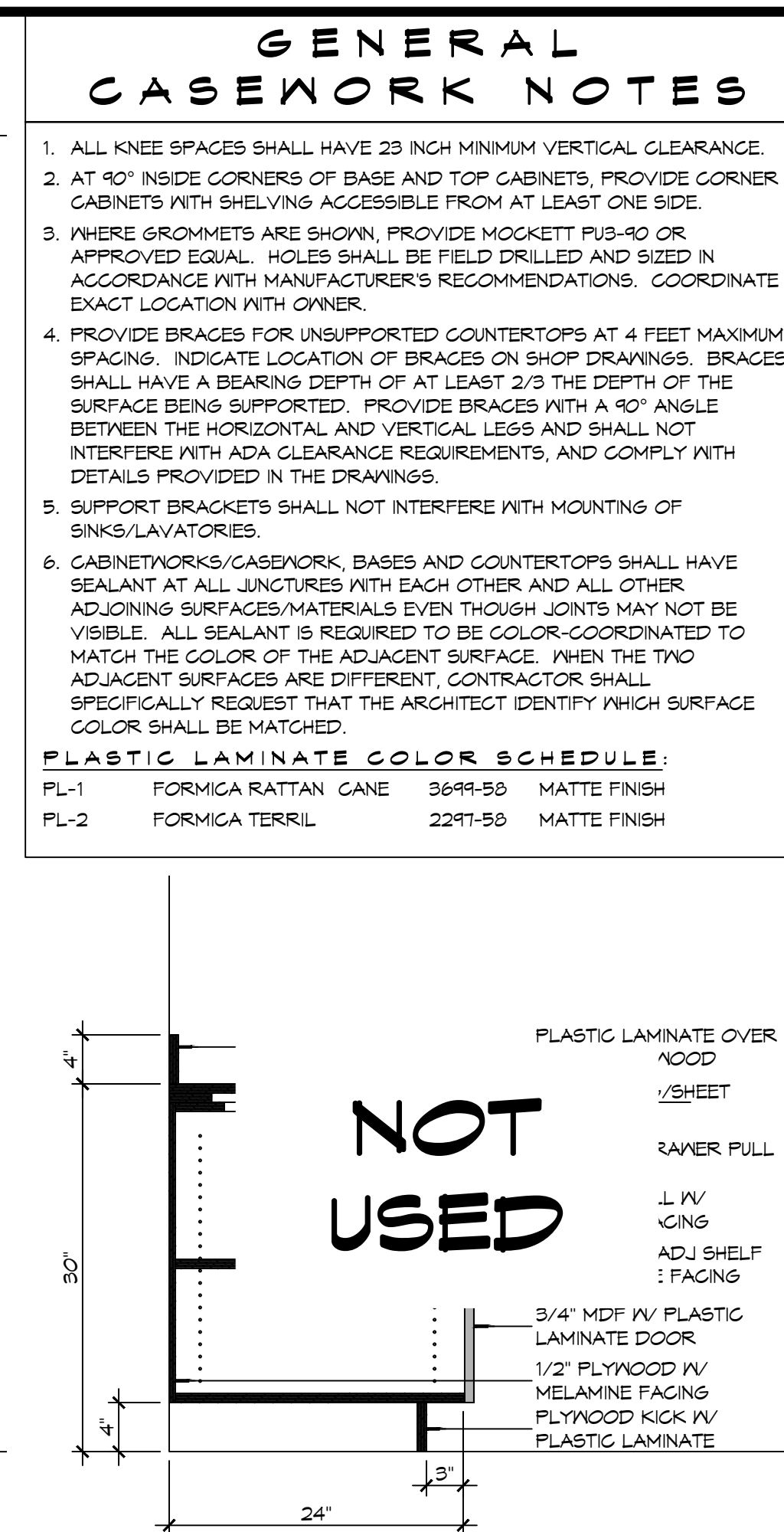
13 CASEWORK DET

SCALE: 1" = 1'-0" TYPICAL KITCHEN CABINET

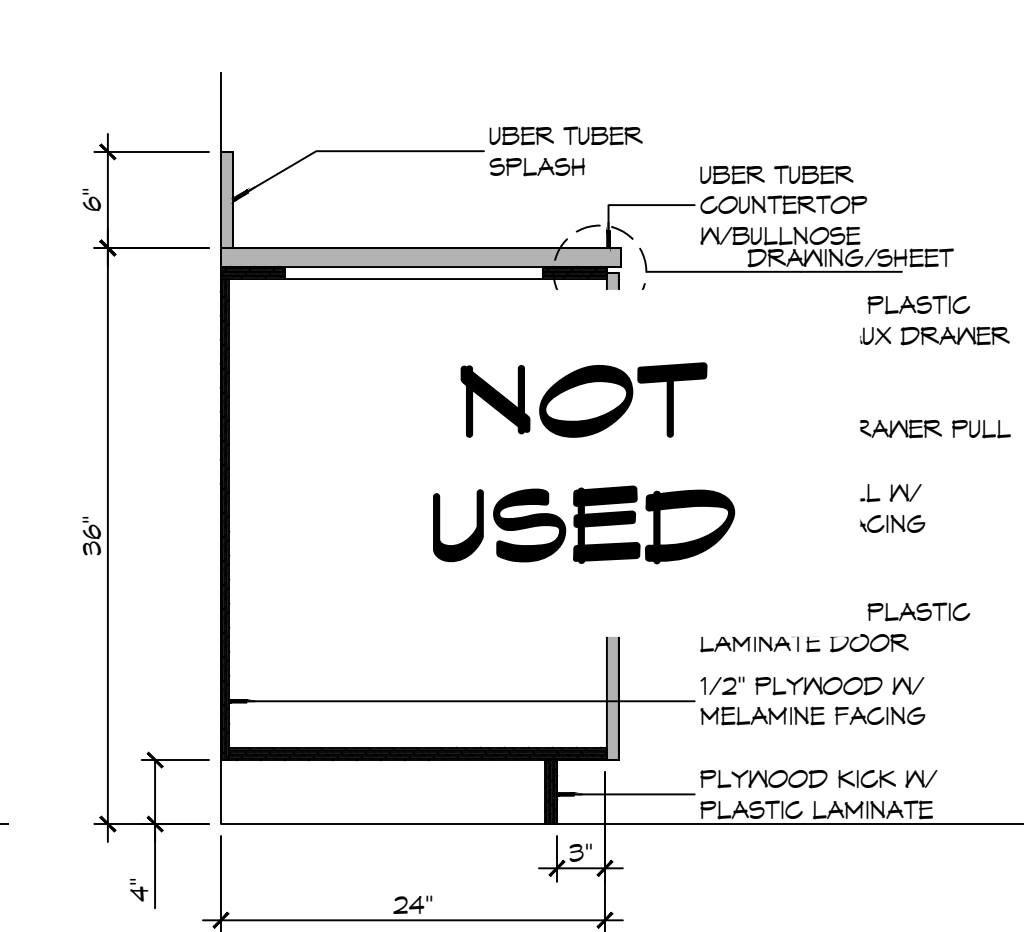


8 CASEWORK DET
SCALE: 1" = 1'-0" LAVATORY COUNTER

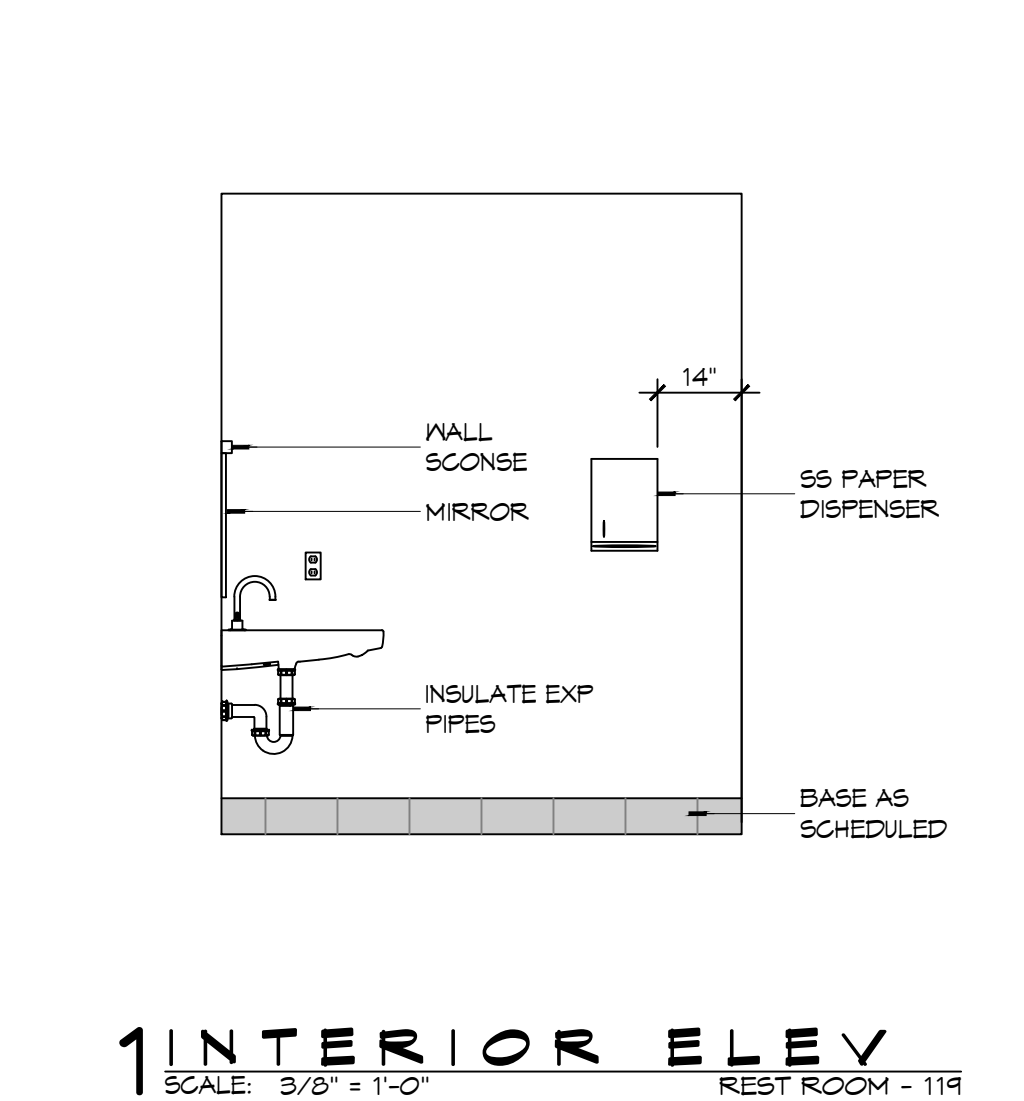




12 CASEWORK DET
SCALE: 1" = 1'-0"
DAY ROOM



7 CASEWORK DET
SCALE: 1" = 1'-0" KITCHEN SINK CABINET



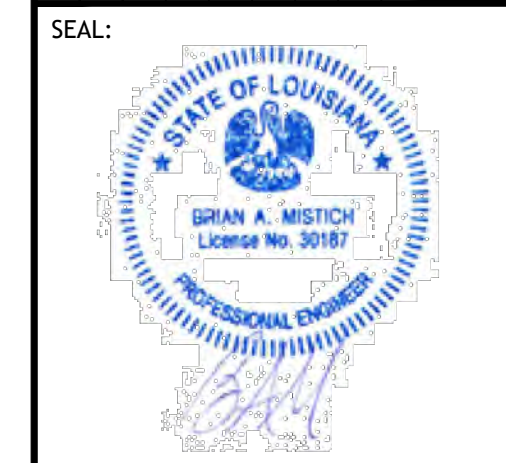
- # GENERAL CASEWORK NOTES
1. ALL KNEE SPACES SHALL HAVE 23 INCH MINIMUM VERTICAL CLEARANCE
 2. AT 90° INSIDE CORNERS OF BASE AND TOP CABINETS, PROVIDE CORNER CABINETS WITH SHELVING ACCESSIBLE FROM AT LEAST ONE SIDE.
 3. WHERE GROMMETS ARE SHOWN, PROVIDE MOCKETT PUS-90 OR APPROVED EQUAL. HOLES SHALL 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 ADA CLEARANCE 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 SEAMLESS JOINTS 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.
- | FL-1 LAMINATE COLOR SCHEDULE: | | |
|--------------------------------------|---------------------|----------------------|
| PL-1 | FORMICA RATTAN GANE | 3699-50 MATTE FINISH |
| PL-2 | FORMICA TERRIL | 2247-50 MATTE FINISH |

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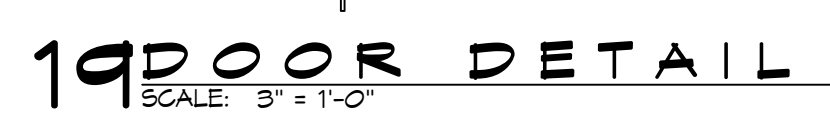
LOUISIANA & MISSISSIPPI

Mr. Brian Misch, PE
1000 Sh Trail
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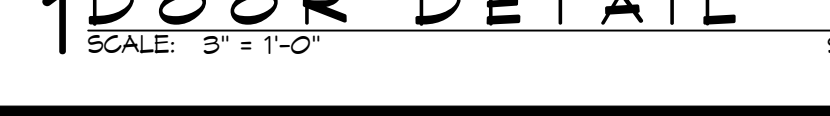
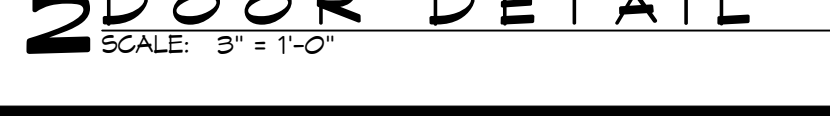
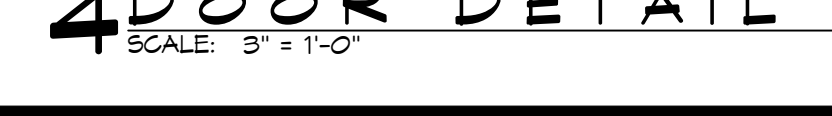
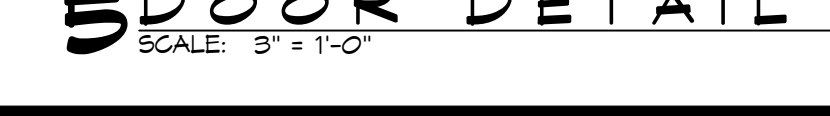
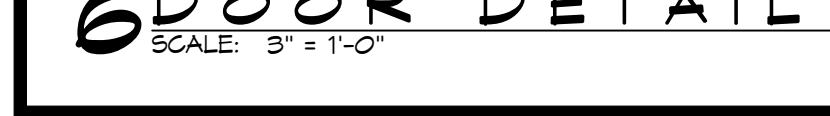
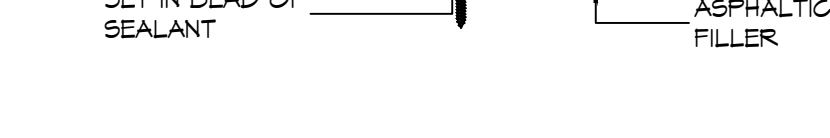
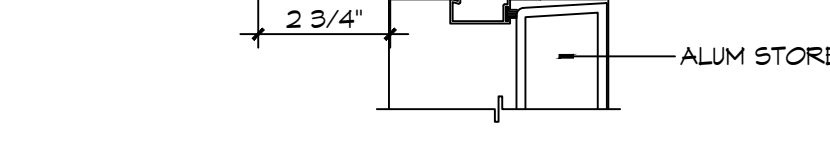
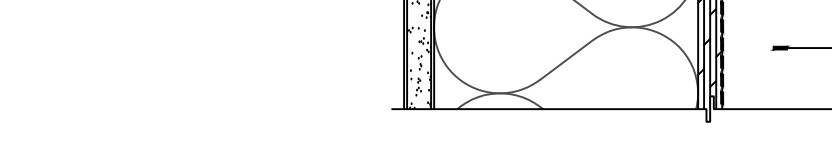
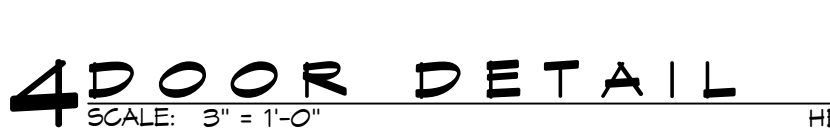
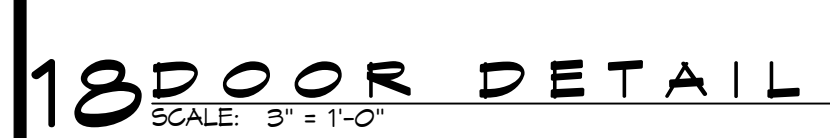
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NEW FIRE STATION #10 ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1									
3745 LAKESHORE VISTA BLVD SUITE LL, LA 70461	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%; padding: 5px;">JOB NO:</td> <td style="width: 20%; padding: 5px;">2519</td> <td style="width: 20%; padding: 5px;">DATE:</td> <td style="width: 30%; padding: 5px;">12-03-2025</td> </tr> <tr> <td style="padding: 5px;">DRAWN BY:</td> <td style="padding: 5px;">CCT</td> <td style="padding: 5px;">CHECKED BY:</td> <td style="padding: 5px;">JMS</td> </tr> </table>	JOB NO:	2519	DATE:	12-03-2025	DRAWN BY:	CCT	CHECKED BY:	JMS
JOB NO:	2519	DATE:	12-03-2025						
DRAWN BY:	CCT	CHECKED BY:	JMS						
SHEET TITLE: INTERIOR ELEVATIONS AND CASEWORK DETAILS									
DRAWING NUMBER: A402									
SHEET No: 26 of 31									



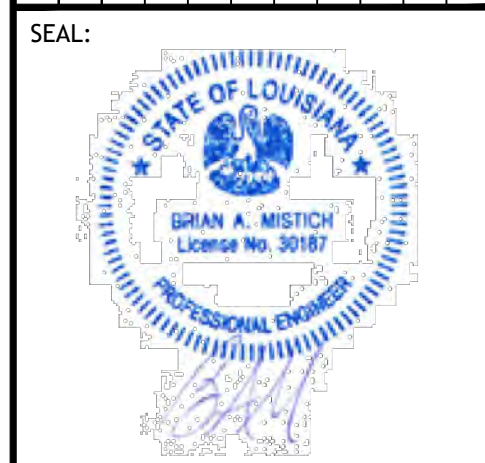
- # DOOR AND FRAME NOTES
1. HOLLOW METAL FRAME DIMENSIONS INDICATED IN THE DETAILS ARE NOMINAL. MANUFACTURER'S STANDARD WIDTH FRAME, WITH THROAT OPENING APPROPRIATE TO MALL TYPE MAY BE PROPOSED IN SHOP DRAWINGS, IF NO OTHER MODIFICATIONS OF THE DETAIL IS REQUIRED.
 2. PROVIDE WOOD BLOCKING OR FLAT STRAP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



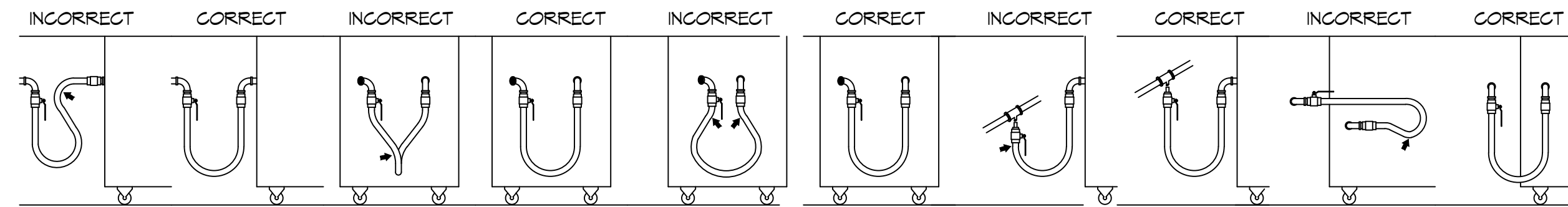
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SHEET TITLE: DOOR DETAILS											
DRAWING NUMBER: A502											
SHEET No:						28 of 37					



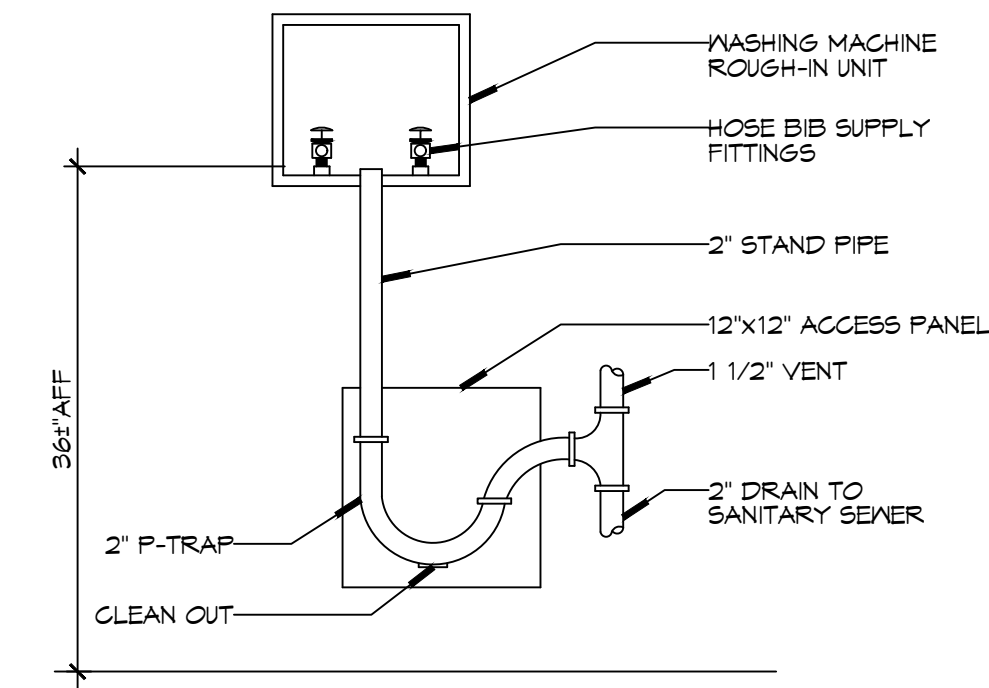
1 **SHARP BENDS:** THE CORRECT WAY TO INSTALL METAL HOSE FOR VERTICAL TRAVERSE WITH A SINGLE, NATURAL LOOP. AVOID SHARP BENDS THAT STRAIN AND TWIST THE METAL HOSE TO A POINT OF EARLY FAILURE AT THE COUPLING.

TWISTING: COUPLINGS AND HOSE SHOULD BE INSTALLED IN THE SAME VERTICAL PLANE. FAILURE TO DO SO CAUSES TORSIONAL TWISTING & UNDUE STRAIN CAUSING PREMATURE FAILURE.

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

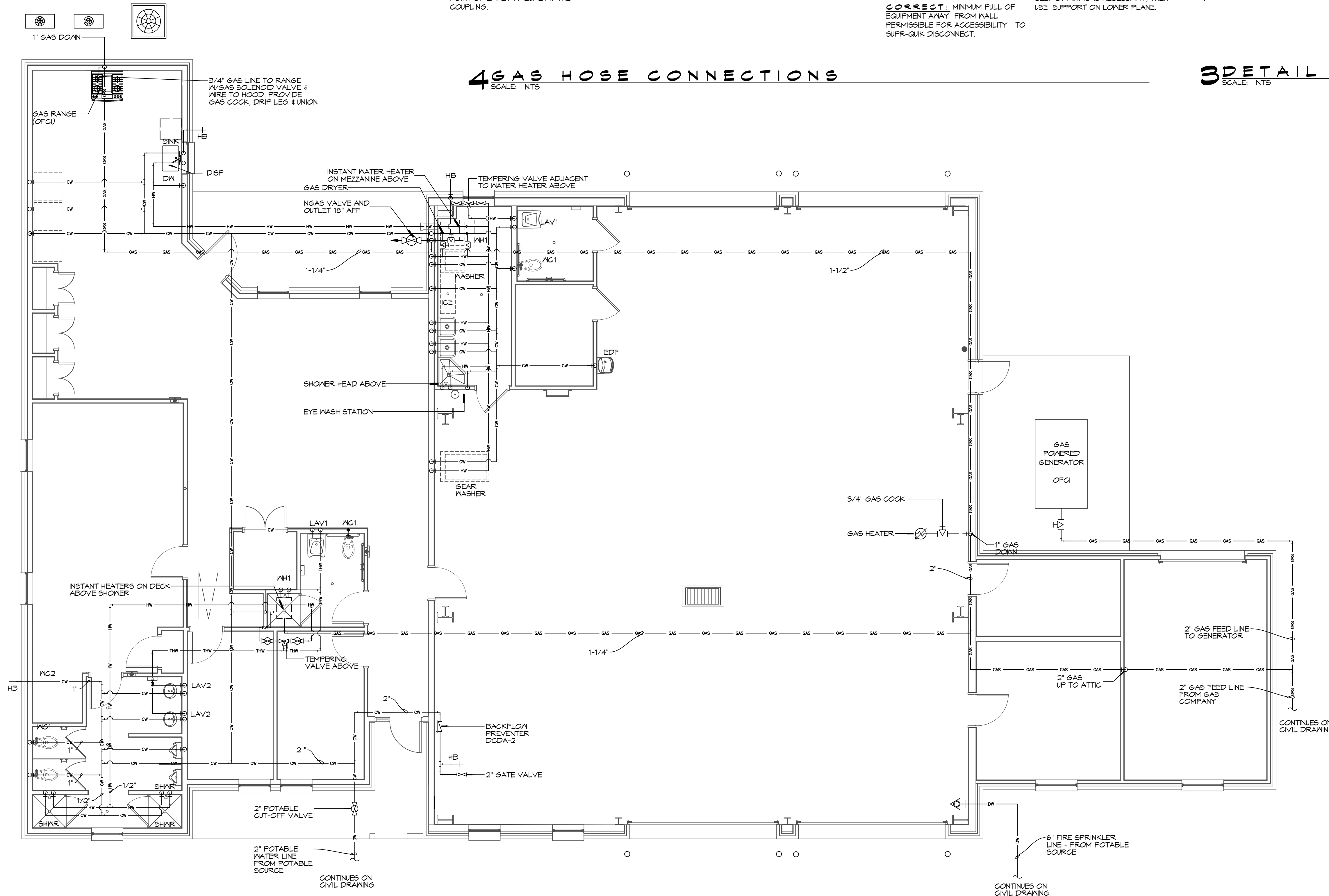
SELF-DRAINING: IN ALL INSTALLATIONS WHERE SELF-DRAINING IS NOT NECESSARY, CONNECT METAL HOSE IN A VERTICAL LOOP. DO NOT CONNECT METAL HOSE HORIZONTALLY UNLESS SELF-DRAINING IS NECESSARY, THEN USE SUPPORT ON LOWER PLANE.

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



4 GAS HOSE CONNECTIONS

SCALE: NTS



2 PLUMBING PLAN - WATER AND GAS

SCALE: 3/16"=1'-0

3 DETAIL

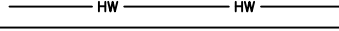
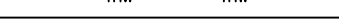
SCALE: NTS



GENERAL PIPING NOTES

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

LEGEND

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

GAS EQUIPMENT SCHEDULE

DESCRIPTION	BTU INPUT
RINNAI TANKLESS HOT WATER HEATER	191,900
RANGE	106,500
SPACE HEATER	125,000
CLOTHES DRYER	35,000
GENERATOR	1261000
TOTAL BTU	1,707,400

NOTES:

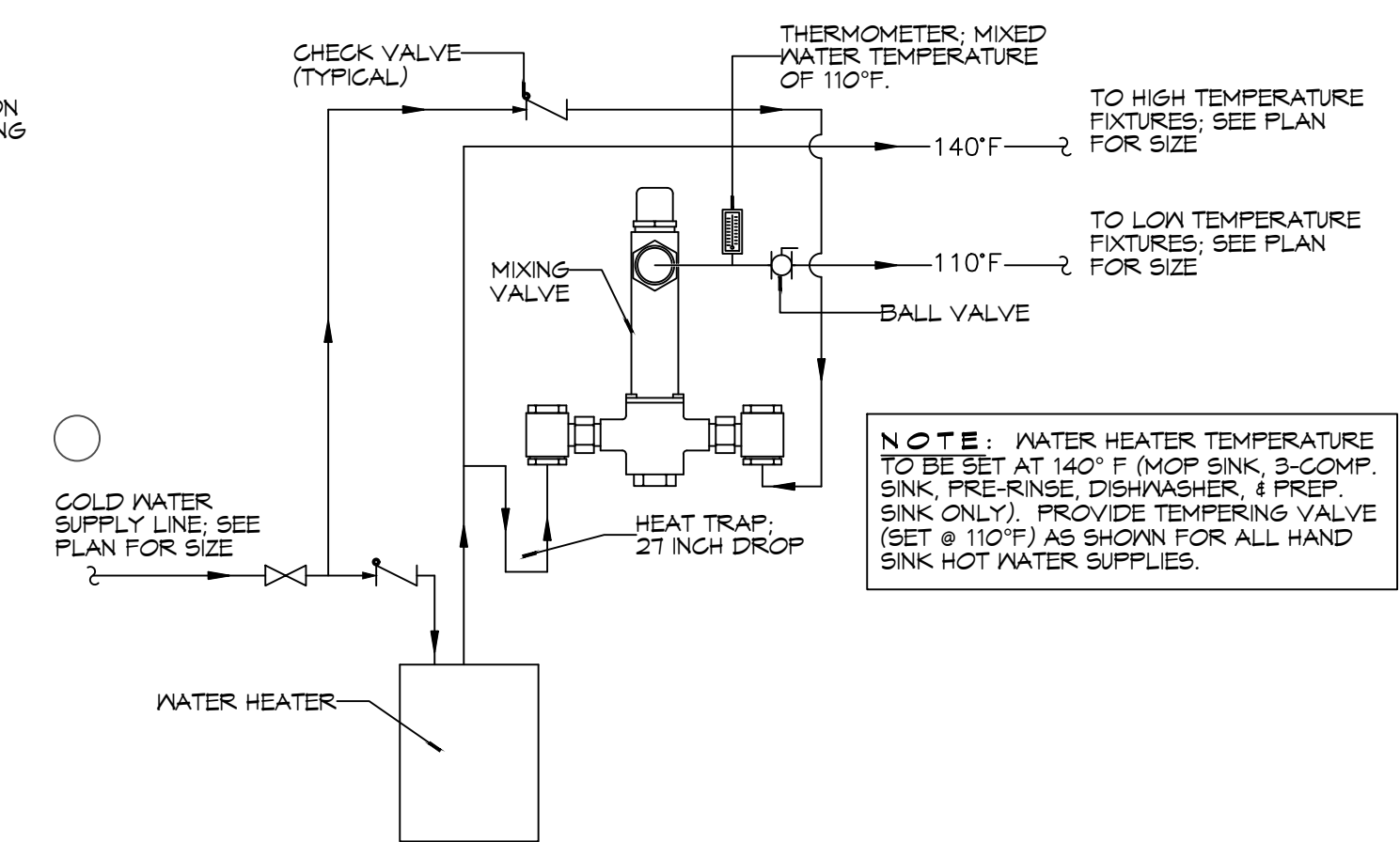
1. ALL GAS PIPE SHALL BE SCHEDULE 40 BLACK STEEL PIPE. ALL PIPE INSTALLED ON ROOF SHALL BE SUPPORTED ON A PIPE PIER SUPPORT SYSTEM. WOOD BLOCKING NOT ALLOWED.
2. ALL GAS PIPING IS SIZED FOR A LOW PRESSURE SYSTEM. (2 psig OR LESS AND A PRESSURE DROP OF 0.5in. OF WATER COLUMN.)

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

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



NOTE: WATER HEATER TEMPERATURE TO BE SET AT 140° F (MOP SINK, 3-COMP. SINK, PRE-RINSE, DISHWASHER, & PREP. SINK ONLY). PROVIDE TEMPERING VALVE (SET @ 110°F) AS SHOWN FOR ALL HAND SINK HOT WATER SUPPLIES.

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

SLIDELL, LA 70461

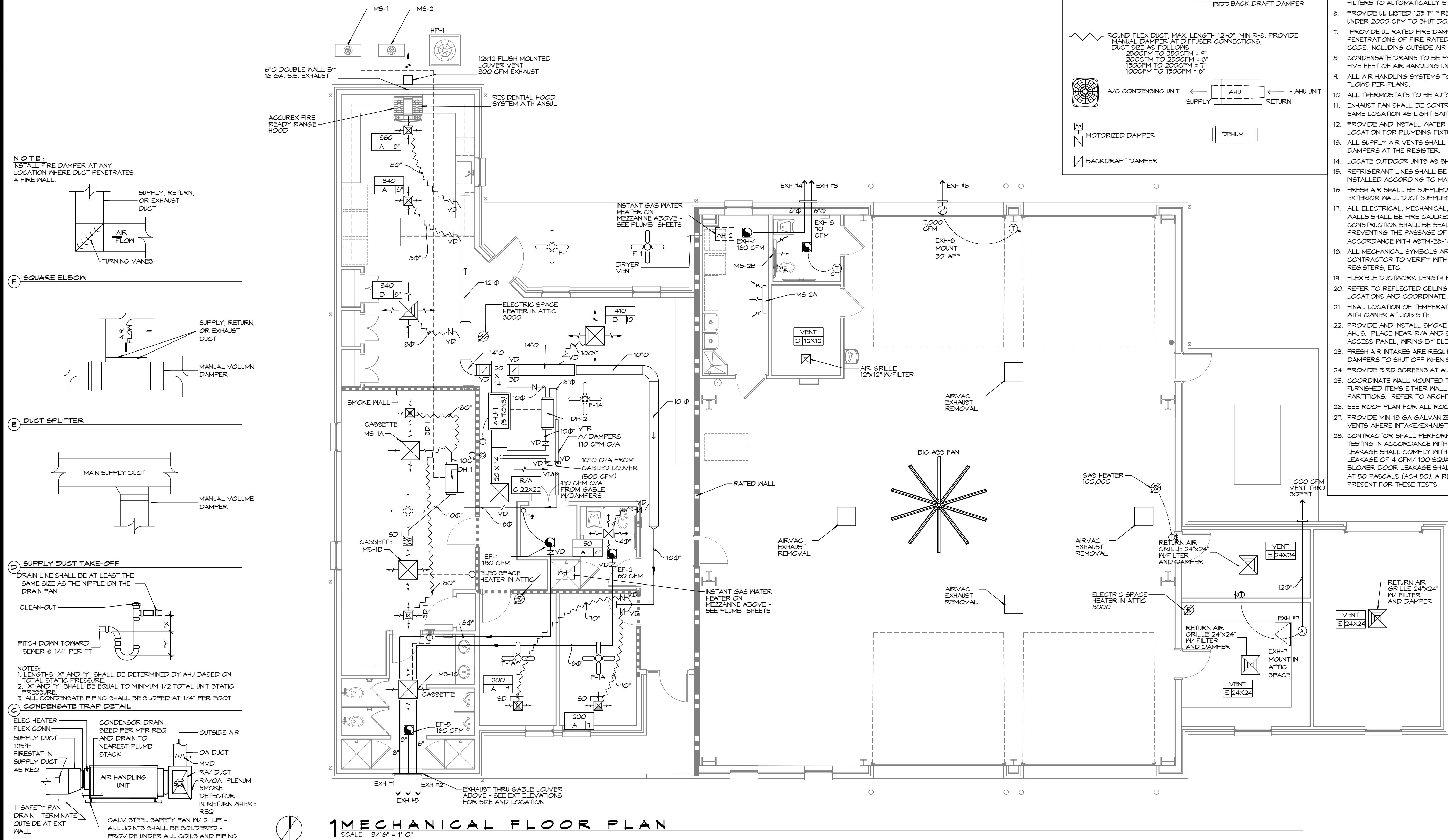
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DRAWN BY:	CKD	CHECKED BY:	BAM

SHEET TITLE:
PLUMBING PLAN - WATER
AND GAS

DRAWING NUMBER:

P102

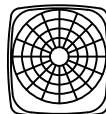
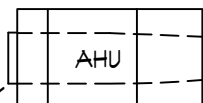
SHEET No: 31 of 37



2 DETAILS

Abstract

LEGEND

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

GENERAL HVAC NOTES

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

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

THIS WORK SHALL MEET
ALL HVAC CODES

1. 2021 EDITION OF THE IMC
2. 2021 IECC ENERGY CODE

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

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NEW FIRE STATION #10
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DISTRICT No. 1

2745 LAKESHORE VISTA BLVD

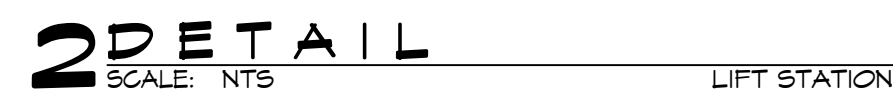
SLIDELL, LA 70461	JOB No:	7519	DATE:	12-03-2025
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COB NO.	DATE:	12-03-2023
DRAWN BY:	CKD	CHECKED BY:
		RAM

SHEET TITLE:
HVAC FLOOR PLAN,
DETAILS, AND SCHEDULES

DRAWING NUMBER:

M101



- # GENERAL ELEC POWER NOTES
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. SCALE DIMENSIONS SHALL NOT BE USED, THE EXACT LOCATION OF ALL LIGHTS, 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, FLASHER, PARTITIONS, WALLS, ETC. AS SHOWN ON THE ELECTRICAL 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 CONDUIT SHALL BE 3/4" ELECTRICAL METALLIC TUBING (EMT) FOR INTERIOR USE, AND 3/4" RIGID ALUMINUM FOR EXTERIOR USE. USE NON-METALLIC CABLE (NMC) CABLE COPPER, FOR LIGHTS AND RECEPTACLE CIRCUITS IN WOOD FRAME CONSTRUCTION AREAS ONLY; IN STEEL FRAMING AREAS THE USE OF EMT (MINIMUM) IS REQUIRED; EXTERIOR FITTINGS SHALL BE CAST BOXES AND COVERS. INTERIOR FITTINGS SHALL BE STAMPED BOXES.
 12. CONTRACTOR SHALL INSTALL WIRING AND OTHER CIRCUIT COMPONENTS TO MATCH EQUIPMENT ACTUALLY INSTALLED.
 13. INSTALL GROUND FAULT RECEPTACLES AT RECEPTACLE LOCATIONS WITHIN 6' OF SINKS AND RECEPTACLE LOCATIONS AT RECEPTACLE LOCATIONS. EXTERIOR RECEPTACLES SHALL ALSO BE WATERPROOF.
 14. BONDING AND GROUNDING SHALL BE IN ACCORDANCE WITH NFPA 720-663, NFPA 250-23, 250-11 & 250-12.
 15. GROUND NEUTRAL IN ACCORDANCE WITH NFPA 10-250-236.
 16. FUSES SHALL BE ITC GLASS K5, 250 VOLT, 200,000 AMP INTERRUPTING CAP.
 17. PROVIDE SERVICES OF A FIRE/SMOKE DETECTION AND ALARM COMPANY TO DESIGN AND INSTALL ALARM SYSTEM TO MEET REQUIREMENTS OF THE STATE FIRE MARSHALL AND THE FIRE DISTRICT.
 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 ADJUTING 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 MANUFACTURER'S RECOMMENDATIONS.
 21. ALL RECEPTACLES AND SWITCHES ARE TO HAVE WEATHER PROOF COVERS IN APPARATUS BAY. 50% OF ALL EXTERIOR WEATHER PROOF COVERS SHALL BE IN-USE COVERS.

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

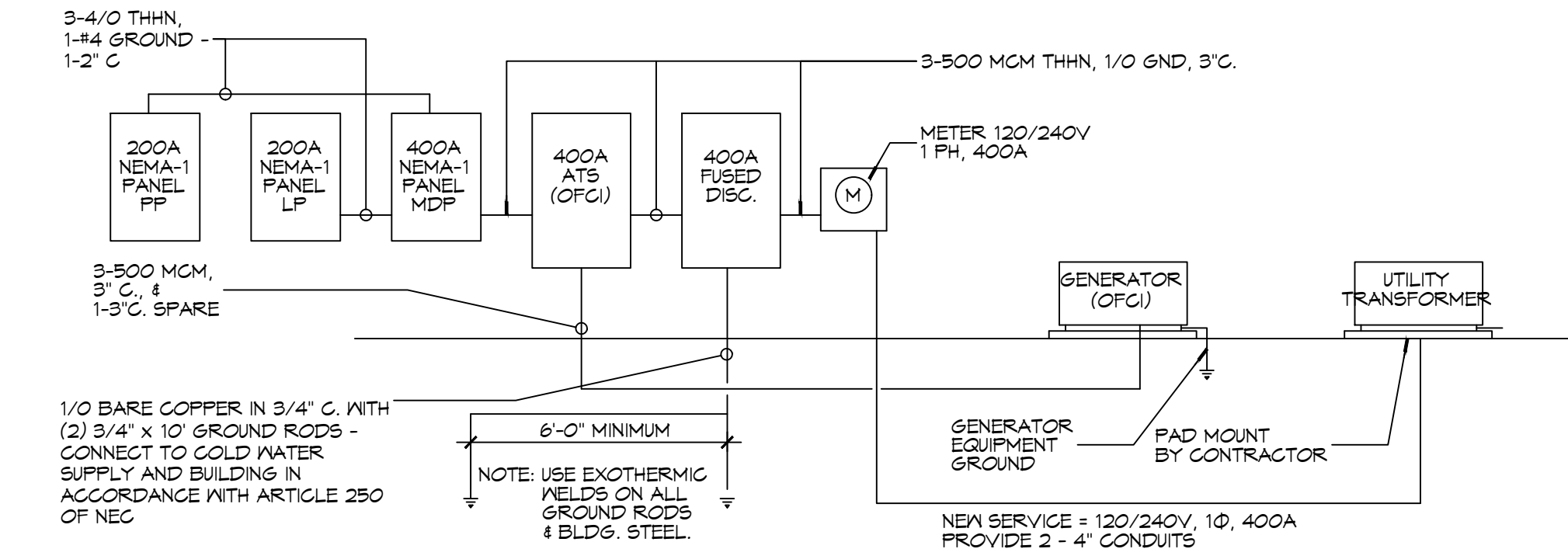
- NOTES:**
1. CONNECT ALL EMERGENCY/EXIT LIGHT FIXTURES TO NEAREST CONSTANT POWER SOURCE.
 2. THE #2 NEXT TO A RECEPTACLE OR DATA OUTLET DESIGNATES THAT THERE ARE TO BE TWO OUTLETS AT THAT LOCATION, ONE OVER THE OTHER (ONE HIGH & ONE LOW ON WALL). EXAMPLE: #2 120V 1P & 1P
 3. REFER TO INTERIOR ELEVATIONS FOR MOUNTING HEIGHT AND ORIENTATION OF OUTLETS MOUNTED ABOVE COUNTERTOPS.
 4. CAULK ALL PENETRATIONS WITH FIRE CAULK.

FILE NAME: A:_Customer\3113 - Fire Station 110\Drawings\General Drawings\1103-Panelboard Grounding and Bonding.dwg, PLOT DATE: 12-05-2025, PLOT BY: B. A. MISTICH, 12-05-2025

PANEL: MDP LOCATION: ELECTRICAL CLOSET FEEDER SOURCE: CLECO										VOLTAGE: 120/240V, 400 AMP, 1Ø, 3Ø ENCLOSURE: SURFACE MOUNTED, NEMA 1 PANELBOARD W/EQUIPMENT GND BAR, MLO, 22000 AIC									
CKT. NO.	THHN WIRE SIZE	LOAD DESCRIPTION		BREAKER		LOAD (VA)	AØ	BØ	LOAD (VA)	BREAKER		LOAD DESCRIPTION		THHN WIRE SIZE	CKT. NO.				
		LOCATION		AMP	POLE					POLE	AMP	LOCATION							
1	4/0	SUB-PANEL "PP" 200 AMPS		200	2	18,410			9,716	2	200	SUB-PANEL "LP" 200 AMPS		4/0	2				
3						17,270			8,030										
5	#6	MS-#1 ** 2 TON		50	2	3,444			104	2	15	MS-1A ** 3/4 TON		#12	6				
7						3,444			104										
9	#8	MS-#2 ** 1.6 TON		40	2	2,257			104	2	15	MS-1B ** 3/4 TON		#12	10				
11						2,257			104										
13	#6	HP-#1 ** 5 TON		50	2	3,120			104	2	15	MS-1C ** 3/4 TON		#12	14				
15						3,120			104										
17		AHU # 1 ** 5 TON, 1.5 KW HEAT		45	2	3,536			104	2	15	MS-2A ** 1.6 TON		#12 -	18 20				
19						3,536			104										
21	#12	AIRVAC EXHAUST REMOVAL #1		20	1	1,587			104	2	15	MS-2B ** 1.6 TON		#12	22				
23	#12	AIRVAC EXHAUST REMOVAL #2		20	1	1,587			104										
25	#12	AIRVAC EXHAUST REMOVAL #3		20	1	1,587			828	2	15	EXHAUST FAN #7 MAINTENANCE BAY ¾ HP MOTOR		#8	26				
27	#12	AIRVAC EXHAUST REMOVAL #4		20	1	1,587			828										
29	#12	AGGUREX FIRE READY RANGE HOOD		20	1	1,500			2,760	2	30	SANITARY SEWER LIFT STATION **		#10	30				
31		SPARE		20	1	805			2,760										
33		SPARE		20	1	180			-	1	20	SPARE			34				
35	-	SPACE		-	1	-			1,150	1	15	LAUNDRY GAS DRYER LOCATED IN UTILITY ROOM 118		#12	36				
37	-	SPACE		-	1	-			1,000	1	20	WASHING MACHINE UTILITY ROOM 118		#12	38				
39	#6	JUNCTION BOX FOR RANGE LOCATED IN KITCHEN 108		50	2	4,800			1,000	1	20	GEAR WASHING MACHINE APPARATUS BAY		#12	40				
41						4,800			-	1	-	SPACE		-	42				
						TOTAL CONNECTED LOAD (VA) = 97,143													
SOLID NEUTRAL NEUTRAL WIRE (N)						AØ = 49,877		BØ = 47,266		GROUND BUS GROUND WIRE (G)									

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

PANEL: LP LOCATION: ELECTRICAL CLOSET FEEDER SOURCE: MDP PANEL										VOLTAGE: 120/240V, 200 AMP, 1Ø, 3Ø ENCLOSURE: SURFACE MOUNTED, NEMA 1 PANELBOARD W/EQUIPMENT GND BAR, MLO, 22000 AIC									
CKT. NO.	THHN WIRE SIZE	LOAD DESCRIPTION	BREAKER		LOAD (VA)	AØ	BØ	LOAD (VA)	BREAKER		LOAD DESCRIPTION	THHN WIRE SIZE	CKT. NO.						
		LOCATION	AMP	POLE					POLE	AMP	LOCATION								
1	#12	LIGHTS IN ENTRY 101 & DAYRM 102, UTILITY RM 118, STORAGE RM 120	20	1	476			1386	1	20	LIGHTS IN DAYRM 102, DINING RM 109, ATTIC FOR AHUS, PANTRIES 110, 111, 112 & BUNK 113	#12	2						
3	#12	CEILING FANS IN DAYROOM 102 AND ON EXTERIOR REAR PATIO	20	1	855			1087	1	20	LIGHTS IN CAPT RM 103, MEN & WOMEN TOILET, ANTE ROOM 106, & CAPT ROOM 107 & IT CLOSET	#12	4						
5	#12	LIGHTS IN APPARATUS BAY 117	20	1	1752			1752	1	20	LIGHTS IN KITCHEN	#12	6						
7	#12	RESTRM 119 LIGHTS, FAN AND HEATER	20	1	1750			732	1	20	LIGHTS GEAR RM 122, MECH RM 123, & STORAGE 2 RM 124	#12	8						
9	#12	DOUBLE JUNCTION BOXES FOR SIGNS ON BLDG. ABOVE APPARATUS BAY DOORS	20	1	1800			1,200	1	20	WEST AND SOUTH EXTERIOR WALL-PACK LED LIGHTS, PROVIDE PHOTOCELL	#12	10						
11	#12	EXIT AND EMERGENCY LIGHTS	20	1	320			526	1	20	FRNT EXTERIOR WALL-MOUNTED LIGHTS, FRNT PORCH/ALCOVE LIGHT & FLAGPOLE LIGHTS, PROVIDE PHOTOCELL	#12	12						
13	#8	EXTERIOR PARKING LIGHTS	20	1	450			960	1	15	BIG ASS FAN IN APPARATUS BAY, RM 117	#12	14						
15	#12	HVAC SMOKE DAMPERS	20	1	1800			960				#12	16						
17	#12	SPARE	20	1	-			-	1	20	SPARE	#12	18						
19	#12	SPARE	20	1	-			-	1	20	SPARE	#12	20						
21	#12	SPARE	20	1	-			-	1	20	SPARE	#12	22						
23	#12	SPARE	20	1	-			-	1	20	SPARE	#12	24						
SOLID NEUTRAL NEUTRAL WIRE (N)					TOTAL CONNECTED LOAD (VA) = 17,806					GROUND BUS GROUND WIRE (G)									
					AØ = 9,716		BØ = 8,030												



1ONE-LINE DIAGRAM
SCALE: NTS

PANEL: PP LOCATION: ELECTRICAL CLOSET FEEDER SOURCE: MDP PANEL										VOLTAGE: 120/240V, 200 AMP, 1Ø, 3Ø ENCLOSURE: SURFACE MOUNTED, NEMA 1 PANELBOARD W/EQUIPMENT GND BAR, MLO, 22000 AIC									
CKT. NO.	THHN WIRE SIZE	LOAD DESCRIPTION	BREAKER		LOAD (VA)	AØ	BØ	LOAD (VA)	BREAKER		LOAD DESCRIPTION	THHN WIRE SIZE	CKT. NO.						
		LOCATION	AMP	POLE					AMP	POLE	LOCATION								
1	#12	IGNITER FOR AEROTHERMES GAS HEATER LOCATED IN CORNER OF APPARATUS BAY	20	1	560			-	1	20	SPARE	#12	2						
3	#12	ENTRY 101, DAYROOM 102, CAPTAIN 103, & WOMENS TOILET 104 RECEPTACLES	20	1	1440			1260	1	20	RECEPTACLES FOR DAYROOM 102 & WP GFCI	#12	4						
5	#12	I.T. ROOM 105 DEDICATED RECEPTACLE	20	1	180			1440	1	20	I.T. ROOM 105 QUAD RECEPTACLES	#12	6						
7	#12	I.T. ROOM 105 DEDICATED RECEPTACLE	20	1	180			180	1	20	I.T. ROOM 105 DEDICATED RECEPTACLE	#12	8						
9	#12	ANTE ROOM 106, CAPTAIN 107, BUNKROOM 113, & MENS TOILET 114 RECEPTACLES	20	1	1260			1100	1	20	KITCHEN 108 DEDICATED REFRIGERATOR RECEPTACLE	#12	10						
11	#12	KITCHEN 108 DEDICATED REFRIGERATOR RECEPTACLE	20	1	1100			1100	1	20	KITCHEN 108 DEDICATED REFRIGERATOR RECEPTACLE	#12	12						
13	#12	KITCHEN 108 COUNTER-HT. RECEPTACLES	20	1	1080			1440	1	20	KITCHEN 108 COUNTER-HT., & USB QUAD	#12	14						
15	#12	KITCHEN 108 DEDICATED RECEPTACLE FOR DISHWASHER	20	1	1440			760	1	20	KITCHEN 108 DEDICATED RECEPTACLE FOR GARBAGE DISPOSAL	#12	16						
17	#12	DINING ROOM 109 & BUNKROOM 113 USB QUAD WALL RECEPTACLES & AHU PLATFORM	20	1	1440			1260	1	20	BUNKROOM 113 USB QUAD & COUNTER RECEPTACLES	#12	18						
19	#12	ICE MACHINE LOCATED IN UTILITY ROOM 118	20	1	1200			900	1	20	JUNCTION BOX (# 2-WAY SWITCH) FOR ROLLUP DOOR IN APPARATUS BAY 117	#12	20						
21	#12	JUNCTION BOX (# 2-WAY SWITCH) FOR ROLLUP DOOR IN APPARATUS BAY 117	20	1	900			1080	1	20 GFCI	RECEPTACLES FOR APPARATUS BAY 117, REST-ROOM 119, AHU, & MAINTENANCE BAY 121	#12	22						
23	-	SPARE	20	1	-			900	1	20	JUNCTION BOX (# 2-WAY SWITCH) FOR ROLLUP DOOR IN MAINTENANCE BAY 121	#12	24						
25	#12	JUNCTION BOX (# 2-WAY SWITCH) FOR ROLLUP DOOR IN MAINTENANCE BAY 121	20	1	900			180	1	20	DEDICATED WEATHER-PROOF RECEPTACLE FOR GENERATOR (BLOCK HEATER)	#12	26						
27	#12	DEDICATED RECEPTACLE IN MECH/ELEC ROOM 123	20	1	180			1250	2	20	ELECTRIC SPACE HEATER LOCATED IN ATTIC	#12	28						
29	#12	GENERATOR BATTERY CHARGER	20	1	340			1250				30							
31	#12	EXTERIOR WEATHER PROOF GFCI RECEPTACLES FOR LIGHTS	20	1	900			900	1	20	EXTERIOR WEATHER PROOF GFCI RECEPTACLES FOR IRRIGATION AND CONDENSOR MAINTENANCE	#12	32						
33	#12	GAS HOT WATER HEATER IGNITOR(S)	20	1	1800			1080	1	20 GFCI	RECEPTACLES FOR APPARATUS BAY 117	#12	34						
35	-	SPARE	20	1	-			1080	1	20 GFCI	RECEPTACLES FOR APPARATUS BAY 117, & MAINTENANCE BAY 121	#12	36						
37	#12	KUSSMAIL AUTO-EJECT SYSTEM	20	1	1200			1200	1	20	KUSSMAIL AUTO-EJECT SYSTEM	#12	38						
39	#12	ELECTRIC SPACE HEATER LOCATED IN ATTIC	20	2	1250			1250	2	20	ELECTRIC SPACE HEATER LOCATED IN ATTIC	#12	40						
41					1250			1250				42							
SOLID NEUTRAL NEUTRAL WIRE (N)					TOTAL CONNECTED LOAD (VA) = 35,680					GROUND BUS GROUND WIRE (G)									
					AØ = 1Ø,410		BØ = 17,270												

CLECO Power Company Electrical Load Summary

Project Name: FIRESTATION #10

Project Address: LAKESHORE VISTA BLVD

City / Town: SLIDELL, LOUISIANA

Intended Use: Firestation

Requested Service: 120/240 Volts 1Ø Phase 3 Wires

Service Entrance Size: 400 Amps

HVAC Tonnage: 9 Tons

Largest Motor: N/A HP

Total Building Square Footage: 6,526 Square Feet

Living Unit Square Footage: 2,624 Square Feet

Storage Square Footage: 3,902 Square Feet

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

- GENERAL
PANEL NOTES
1. ELECTRICAL CONTRACTOR SHALL VISIT SITE AND FAMILIARIZE HIMSELF WITH EXISTING CONDITIONS, PRIOR TO SUBMISSION OF BID. ANY DISCREPANCIES BETWEEN PLANS AND ACTUAL CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AND BE INCLUDED IN FINAL BID.

2. COORDINATE ELECTRICAL WORK WITH THE WORK OF OTHER TRADES.

3. INSTALL "LOCK-DOGS" ON CIRCUIT BREAKERS FOR EMERGENCY LIGHTS AND EXIT LIGHTS TO PREVENT ACCIDENTAL TURNING OF LIGHTS.

4. SEE ARCHITECTURAL SHEETS FOR LOCATION OF FIRE RATED CONSTRUCTION. PROVIDE FIRE RATED PENETRATIONS THROUGH FIRE RATED CONSTRUCTION. ALL PENETRATION SYSTEMS SHALL BE UL LISTED.

5. WALL MOUNTED THERMOSTAT, TEMPERATURE SENSOR, ETC. ARE SHOWN ON THE MECHANICAL DRAWINGS. REFER TO THOSE DRAWINGS FOR LOCATIONS.

6. PROVIDE UL LISTED FIRE STOPPING FOR THE INTERIOR OF ALL CABLE TRAYS, SLEEVES, AND CONDUITS PENETRATING FIRE RATED CONSTRUCTION AFTER WIRE HAS BEEN INSTALLED IN SUCH CONSTRUCTION.

7. CONDUIT ROUTING: ALL CONDUITS SHALL BE ROUTED IN WALLS AND CEILING SPACE EXCEPT TO SERVE FLOOR BOXES.

8. METER LOCATION: THE HEIGHT OF THE METER SHALL BE BETWEEN 48" AND 66" AFF.

9. WORKING SPACE: PROVIDE A CLEAR WORKING SPACE IN FRONT OF THE PANEL NOT LESS THAN 30 INCHES WIDE AND 36 INCHES DEEP WITH A MINIMUM HEADROOM CLEARANCE OF 6'-6".

10. SEAL ALL PENETRATIONS IN TOP PLATES AND STUD WALLS WITH FIRE CAULK.

DAMMON ENGINEERING, INC.

LOUISIANA & MISSISSIPPI

Chief Engineer: Brian A. Mistich, PE
554 Old Spanish Trail
Slidell, LA 70558
www.dammonengineering.com
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PH: 985.649.5832

REVISIONS

DESCRIPTION DATE

SEAL:

STATE OF LOUISIANA

BRIAN A. MISTICH

Professional Engineer

License No. 30181

NEW FIRE STATION #10

ST. TAMMANY FIRE PROTECTION DISTRICT No. 1

2148 LAKESHORE VISTA BLVD
SLIDELL, LA 70461

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

SHEET TITLE:
ELECTRICAL CIRCUIT PANELS AND ONE-LINE DIAGRAMS

DRAWING NUMBER:
E103

SHEET No: 37 of 37

DATE: DECEMBER 18TH 2025