

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

2745 LAKESHORE VISTA BLVD  
SLIDELL, LA 70461



**JAY GROSS**  
CHIEF OF OPERATIONS

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

**CHAD DUFFAUT**  
CHIEF OF ADMINISTRATION

**BOARD OF COMMISSIONERS**  
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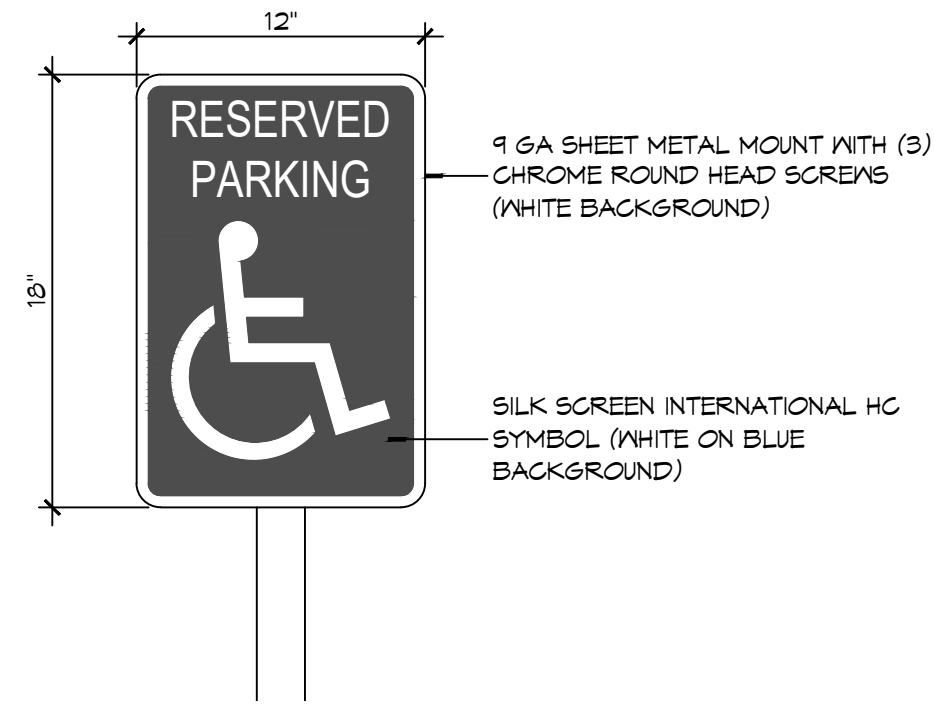


NEW FIRE STATION #10  
ST. TAMMANY FIRE PROTECTION  
DISTRICT NO. 1  
2745 LAKESHORE VISTA BLVD  
SLIDELL, LA 70461  
JOB No: 2519 | DATE: 12-09-2025  
DRAWN BY: CKD | CHECKED BY: JMS

SHEET TITLE:  
COVER SHEET

DRAWING NUMBER:  
**6001**





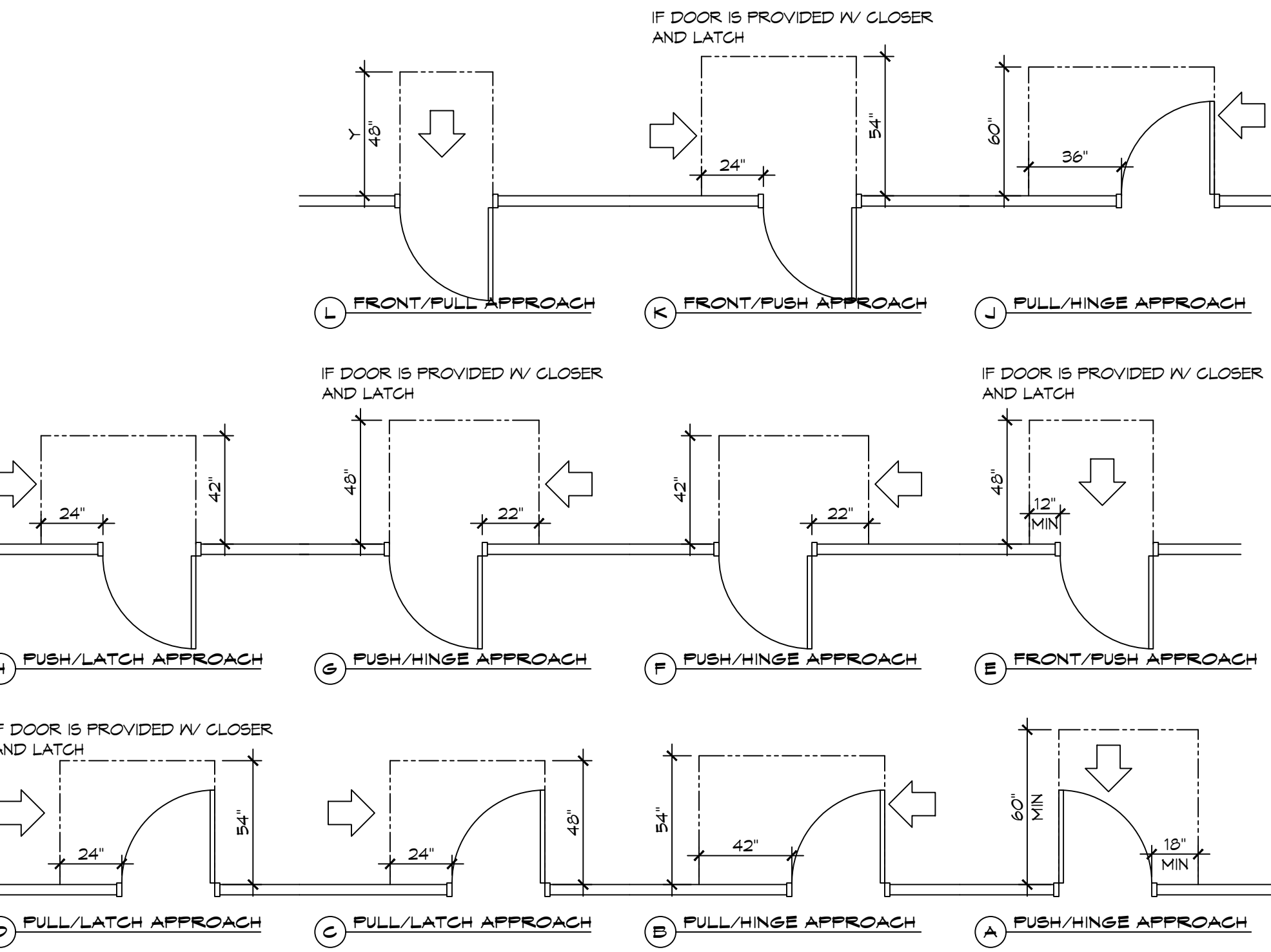
1. 9 GA SHEET METAL MOUNT WITH (3) CHROME ROUND HEAD SCREWS (WHITE BACKGROUND)

2. 2X2 STEEL TUBE - CLOSE TOP END AND GRIND SMOOTH - PAINT WHITE

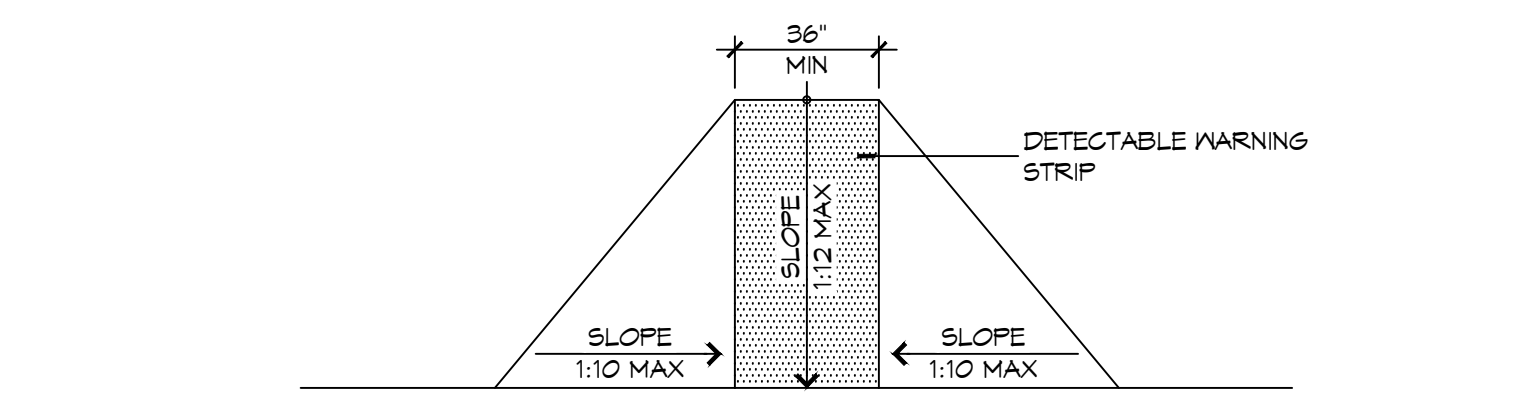
3. SILK SCREEN INTERNATIONAL HC SYMBOL (WHITE ON BLUE BACKGROUND)

CONCRETE BASE TO BE CENTERED ON ACCESSIBLE PARKING SPACE (TYP)

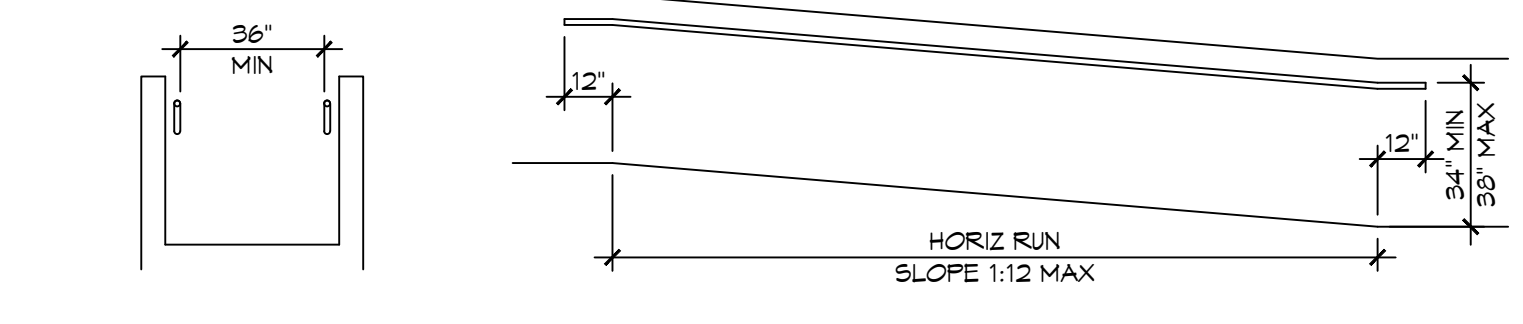
**5 ACCESSIBLE SIGN**  
SCALE: NTS



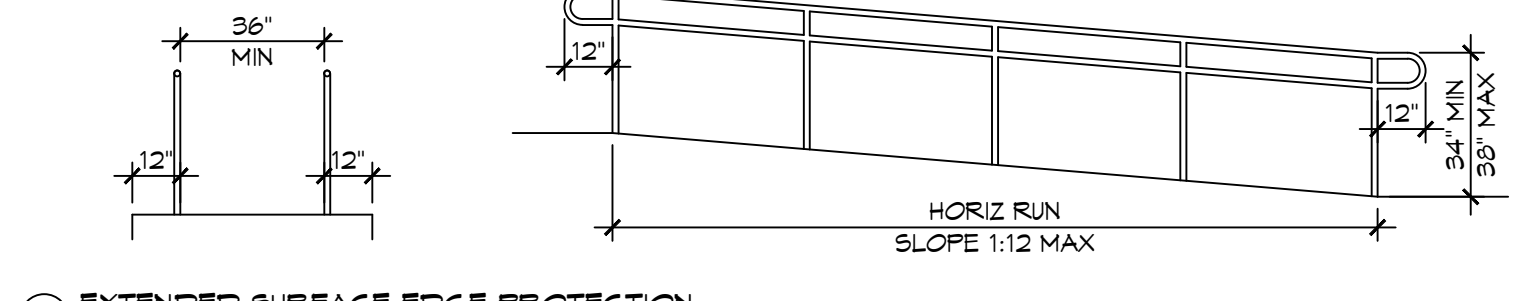
**3 ADA DOOR CLEARANCES**  
SCALE: 1/4" = 1'-0"



**F FLARED RAMPS**

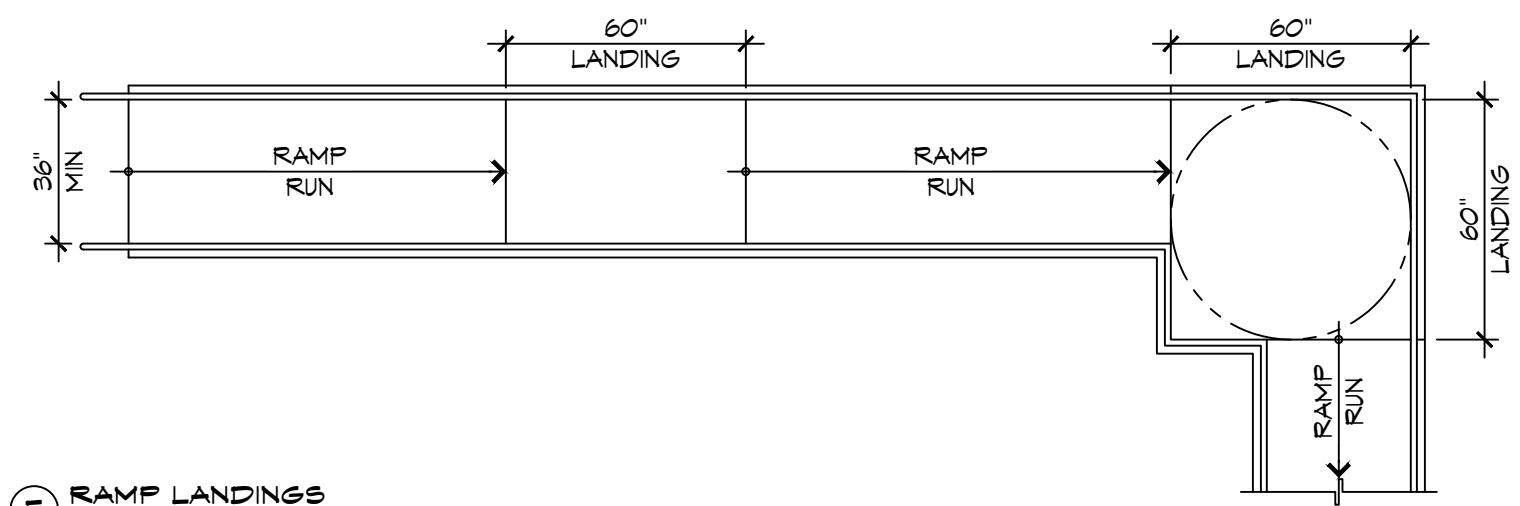


**D WALL EDGE PROTECTION**

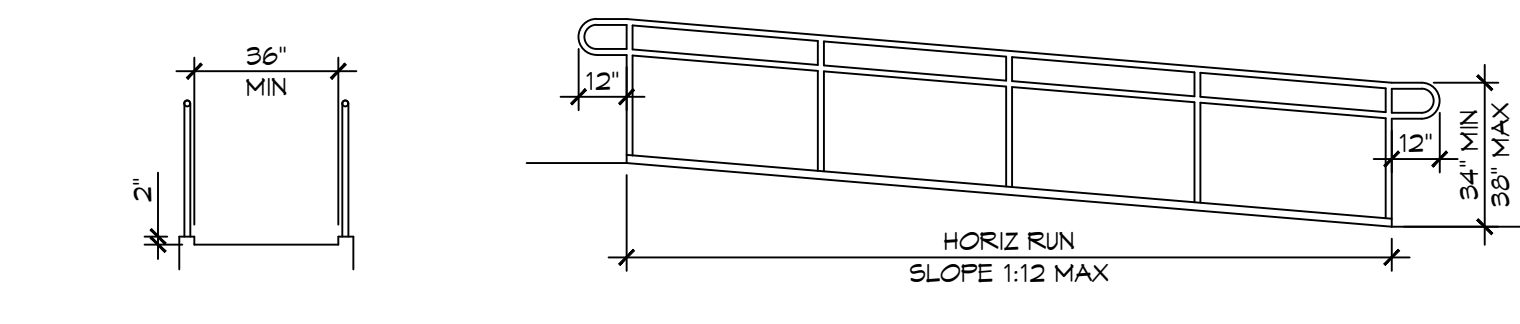


**E EXTENDED SURFACE EDGE PROTECTION**

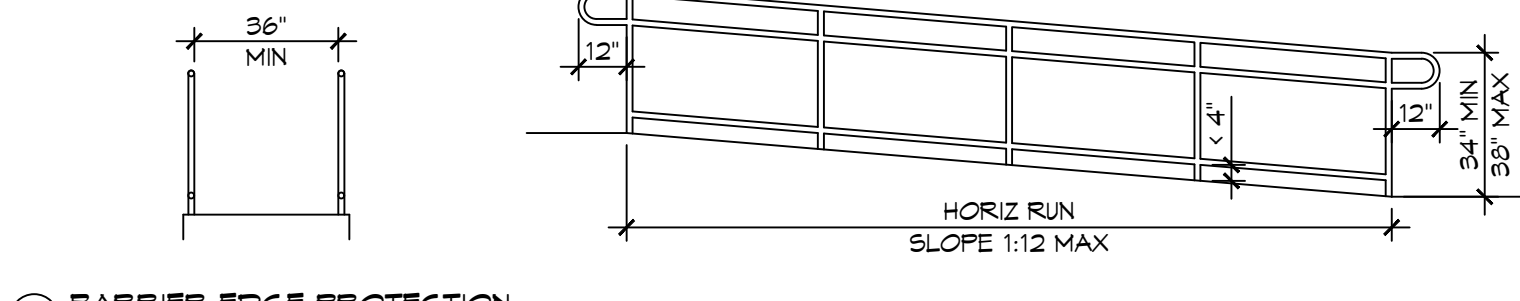
**4 ACCESSIBLE RAMPS**  
SCALE: 1/4" = 1'-0"



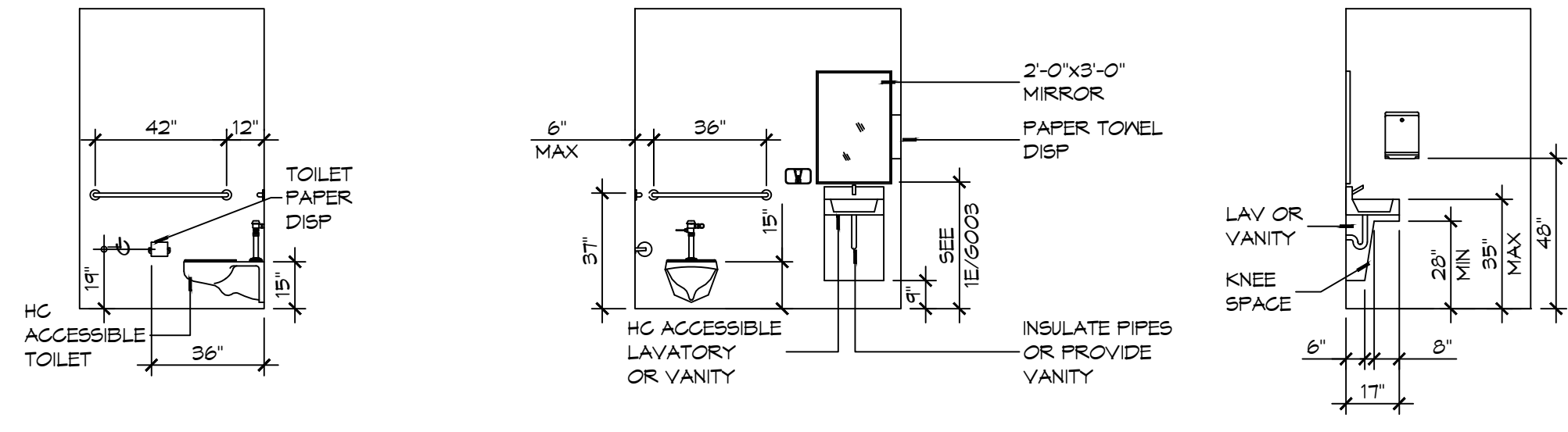
**E RAMP LANDINGS**



**C CURB EDGE PROTECTION**

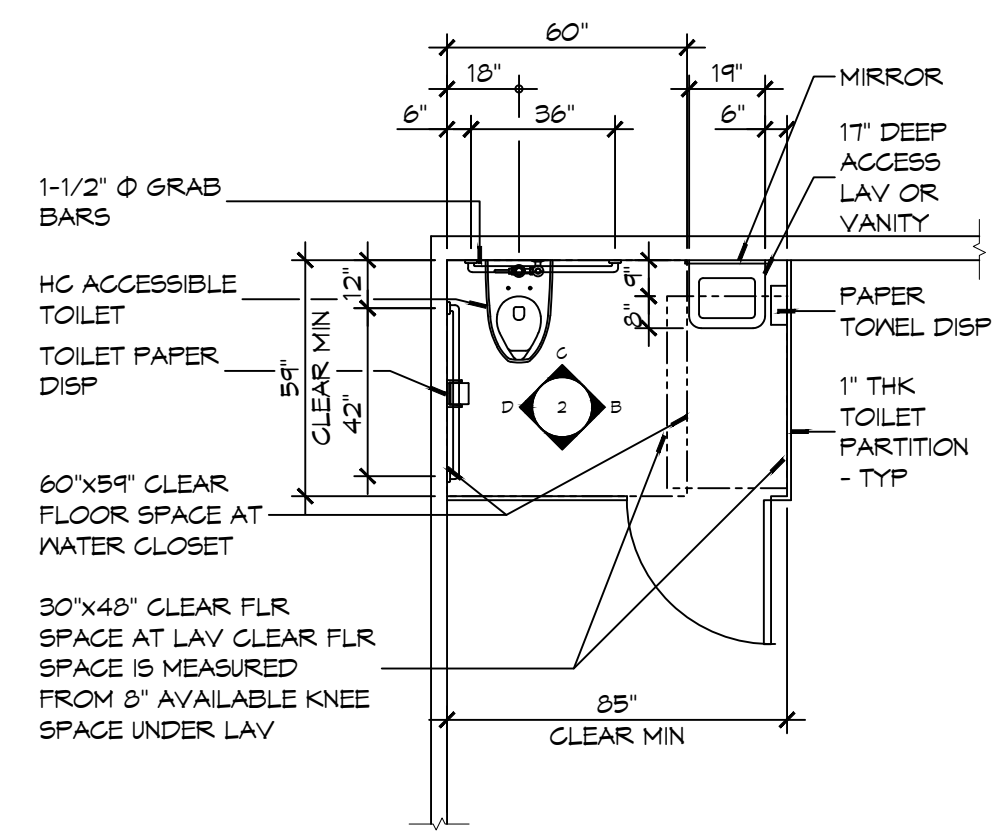


**A BARRIER EDGE PROTECTION**



**D INTERIOR ELEVATION**

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



**A FLOOR PLAN**

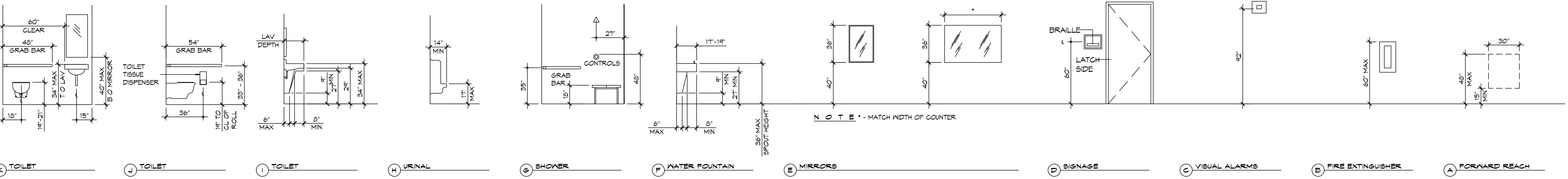
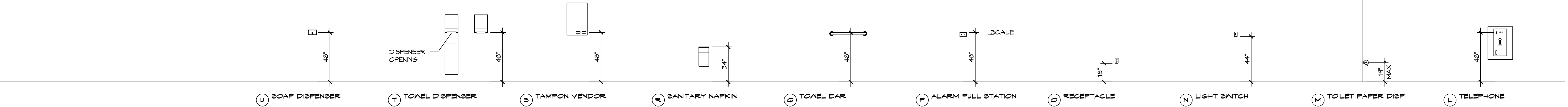
**ACCESSIBILITY NOTES**

**DOOR CLEARANCE NOTES**  
ALCOVES SHALL COMPLY WITH THE CLEARANCES FOR FRONT APPROACHES. 31/6003 - 3K/6003.  
DOOR HARDWARE SHALL BE LEVER TYPE.  
MAX DOOR OPENING FORCE:  
INTERIOR HINGED DOORS: 5 LBF  
EXTERIOR HINGED DOORS: 8.5 LBF  
SLIDING OR FOLDING DOORS: 5 LBF  
FIRE DOORS SHALL HAVE THE MINIMUM OPENING FORCE ALLOWABLE BY THE APPROPRIATE ADMINISTRATIVE AUTHORITY.  
HARDWARE REQUIRED FOR ACCESSIBLE DOOR PASSAGE SHALL BE MOUNTED NO HIGHER THAN 48" AND NOT LESS THAN 34" ABOVE FINISHED FLOOR.  
THE FLOOR OR GROUND AREA WITHIN THE REQUIRED CLEARANCES SHALL BE LEVEL AND CLEAR.  
THRESHOLDS AT DOORWAYS SHALL NOT EXCEED 3/4" IN HEIGHT FOR EXTERIOR SLIDING DOORS OR 1/2" FOR OTHER TYPES OF DOORS. RAISED THRESHOLDS AND FLOOR LEVEL CHANGES AT ACCESSIBLE DOORWAYS SHALL BE BEVELED WITH A SLOPE NO GREATER THAN 1:2.  
DOORWAYS SHALL HAVE A MINIMUM CLEAR OPENING OF 32" WITH THE DOOR OPEN 90°, MEASURED BETWEEN THE FACE OF THE DOOR AND THE OPPOSITE STOP. OPENINGS MORE THAN 24" IN DEPTH SHALL MAINTAIN 32" MIN CLEARANCE.

**RAMP NOTES**  
THE CLEAR SPACE BETWEEN THE HANDRAIL AND THE WALL SHALL BE MIN 1-1/2" CLEAR.  
GRIPPING SURFACES SHALL BE CONTINUOUS AND UNOBSTRUCTED. ENDS OF HANDRAILS SHALL BE EITHER ROUNDED OR RETURNED SMOOTHLY TO FLOOR, WALL, OR POST.  
HANDRAILS SHALL NOT ROTATE WITHIN THEIR FITTINGS.  
THE CROSS SLOPE OF RAMP SURFACES SHALL BE NO GREATER THAN 1:50.  
OUTDOOR RAMPS AND THEIR APPROACHES SHALL BE DESIGNED SO THAT WATER WILL NOT ACCUMULATE ON WALKING SURFACES.  
RAMPS AND LANDINGS WITH DROP-OFFS SHALL HAVE CURBS, WALLS, RAILINGS, OR PROJECTING SURFACES THAT PREVENT PEOPLE FROM SLIPPING OFF THE RAMP. CURBS SHALL BE A MINIMUM OF 2" HIGH.  
HANDRAILS SHALL BE PROVIDED ALONG BOTH SIDES OF RAMP SEGMENTS. THE INSIDE HANDRAIL ON SWITCHBACK OR DOGLEG RAMPS SHALL ALWAYS BE CONTINUOUS.  
RAMP LANDINGS SHALL BE AT LEAST AS WIDE AS THE RAMP RUN LEADING TO IT.

**GENERAL SITE ACCESSIBILITY NOTES**

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



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

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REVISIONS

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SEAL:

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

246 LAKESHORE VISTA BLVD  
SLIDELL, LA 70461

JOB No: 2519 DATE: 12-05-2025  
DRAWN BY: JME CHECKED BY: GKD

SHEET TITLE: ACCESSIBILITY INFORMATION

DRAWING NUMBER:

**GOOB**

SHEET No: 3 of 37

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## LIFE-SAFETY INFORMATION

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

## BUILDING CODE INFORMATION

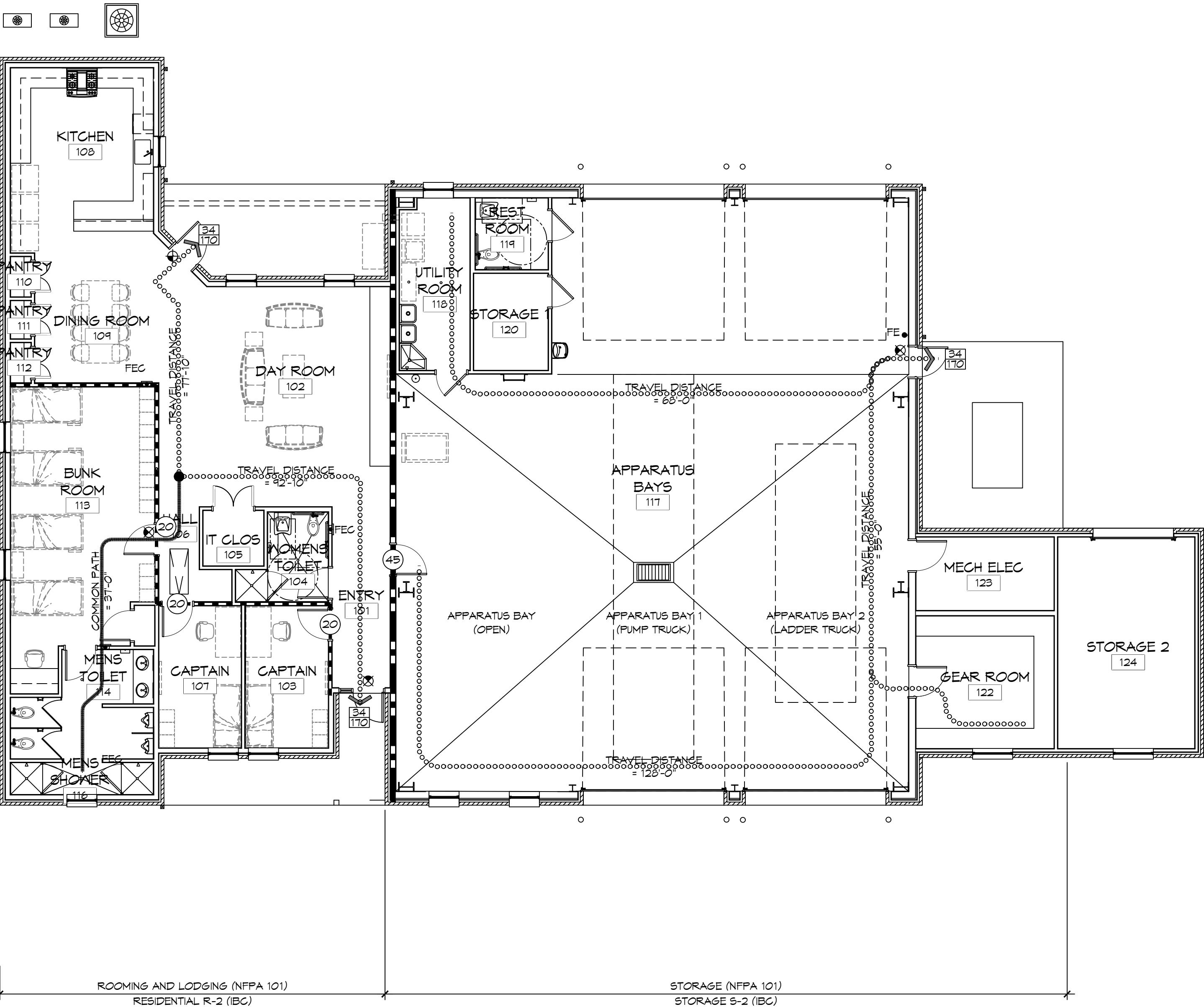
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| <b>APPLICABLE CODES</b>  |                                     |                             |
| BC 2021  |                                     |                             |
| <b>OCCUPANCY TYPE OF GROUP(S)</b> (IBC 2021 CHAPTER 13)  |                                     |                             |
| STORAGE (S-2)  |                                     |                             |
| <b>RESIDENTIAL (R-2)</b>   |                                     |                             |
| <b>CONSTRUCTION TYPE(S)</b> (TABLE 503)  |                                     |                             |
| VB   |                                     |                             |
| <b>ALLOWABLE HEIGHT AND BUILDING AREA LIMITED BY TYPE OF CONSTRUCTION</b>  |                                     |                             |
| 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             |
| <b>MIXED USED OCCUPANCY</b>  |                                     |                             |
| SECTION 503  |                                     |                             |
| INCIDENTAL ACCESSORY OCCUPANCIES (HR) (TABLE 508.2.5)  |                                     |                             |
| ROOM OR AREA   | SEPARATION                          |                             |
| N/A  | N/A                                 |                             |
| REQUIRED SEPARATION OR OCCUPANCIES (HR) (TABLE 508.4)  |                                     |                             |
| N/A  |                                     |                             |
| <b>FIRE RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS</b>   |                                     |                             |
| CHAPTER 8, TABLE 8.01  |                                     |                             |
| STRUCTURAL FRAMES  | 0 HOURS                             |                             |
| EXTERIOR BEARING WALLS   | 0 HOURS                             |                             |
| INTERIOR BEARING WALLS   | 0 HOURS                             |                             |
| EXTERIOR NON-BEARING WALLS   | 0 HOURS                             |                             |
| INTERIOR NON-BEARING WALLS   | 0 HOURS                             |                             |
| FLOOR CONSTRUCTION (INC SUPPORTING BEAMS & JOISTS)   | 0 HOURS                             |                             |
| ROOF CONSTRUCTION (INC SUPPORTING BEAMS & JOISTS)  | 0 HOURS                             |                             |
| FIRE-RESISTANCE RATINGS FOR EXT WALLS BASED ON FIRE-SEPARATION DISTANCE (TABLE 602)                                    |                                     |                             |
| TABLE 105.3  | 0 HOURS                             |                             |
| <b>NOTES ON SPECIFIC, PERTINENT PLAN ISSUES</b>  |                                     |                             |
| N/A  |                                     |                             |
| <b>FIRE WALLS</b>  |                                     |                             |
| SECTION 106, TABLE 106.4   | NO                                  |                             |
| REQUIRED?  |                                     |                             |
| IF YES THEN NOTE REQUIRED RATING   |                                     |                             |
| <b>FIRE BARRIERS</b>   |                                     |                             |
| SECTION 107  |                                     |                             |
| SHAFT ENCLOSURE(S) - NOT REQUIRED RATING (SECTION 108.4)   | NO PER 108.2.1.1                    |                             |
| EXIT ENCLOSURE - NOTE REQUIRED RATING (SECTION 1022.1)   | 1 HOUR                              |                             |
| EXIT PASSAGEWAY - NOTE REQUIRED RATING (SECTION 1023.3)  | 1 HOUR                              |                             |
| HORIZONTAL EXIT - NOTE REQUIRED RATING (SECTION 1025.1)  | 2 HOURS                             |                             |
| ATRIUMS - NOTE REQUIRED RATING (SECTION 404.6)   | N/A                                 |                             |
| SEPARATION FROM STAGE (SECTION 410.5)  | N/A                                 |                             |
| <b>OCCUPANT LOADS</b>  |                                     |                             |
| IBC 2004 SECTION 1004, TABLE 1004.1.1)   | OCCUPANCY/FUNCTION SPACE            |                             |
| FOUR AREA/OCCUPANT (SF)  | OCCUPANT LOAD                       |                             |
| R-2  | 2,624 SF / 200 SF PER OCCUPANT      | 13 OCCUPANTS                |
| S-2  | 3,902 SF / 500 SF PER OCCUPANT      | 8 OCCUPANTS                 |
| TOTAL  |                                     | 21 OCCUPANTS                |
| <b>EXIT REQUIREMENTS</b>   |                                     |                             |
| (IBC 2012 SECTION 1009)  |                                     |                             |
| NUMBER OF ACCESSIBLE MEANS OF EGRESS REQUIRED PER FLOOR (TABLE 1018.1 & 1021.1)  |                                     |                             |
| FLOOR  | # MEANS OF EGRESS REQUIRED          |                             |
| R-2  | 2                                   |                             |
| S-2  | 1                                   |                             |
| TOTAL  | 3                                   |                             |
| <b>TOTAL WIDTH OF EXITS</b>  |                                     |                             |
| (OCCUPANT LOAD ÷ # OF MEANS OF EGRESS) X (FACTOR IN SECTION 1009)  |                                     |                             |
| OCCUPANT LOAD  | # OF EXITS PROVIDED                 | MINIMUM EXIT WIDTH (INCHES) |
| 13   | 2                                   | 5.2                         |
| 20   | 0.2                                 | 3,902/0.2                   |
| 20   | 1                                   | 20                          |
| <b>MINIMUM EXIT ACCESS TRAVEL DISTANCE</b> (TABLE 1016.1)  |                                     |                             |
| 250'   |                                     |                             |
| <b>MINIMUM CORRIDOR WIDTH</b> (SECTION 1018.1 & 1005.1)  |                                     |                             |
| 44"  |                                     |                             |
| <b>MAXIMUM DEAD END CORRIDOR</b> (SECTION 1018.4)  |                                     |                             |
| 50'  |                                     |                             |
| <b>MAXIMUM COMMON PATH OF TRAVEL</b> (SECTION 1014.3)  |                                     |                             |
| 100'   |                                     |                             |
| <b>WIND SPEED DESIGN REQUIREMENTS</b>  |                                     |                             |
| THIS BUILDING SHALL BE DESIGNED WITH IBC SEC 1609 AS A FULLY ENCLOSED BLDG USING THE FOLLOWING INFORMATION:            |                                     |                             |
| <b>WIND DESIGN DATA:</b>   |                                     |                             |
| 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 1601)  |                                     |                             |
| ASSEMBLY AREA IV MOVEABLE SEATS (TABLE 1601.1):  | 100 PSF                             |                             |
| OFFICE (TABLE 1601.1):   | 50 PSF                              |                             |
| ROOF LIVE LOADS (TABLE 1601.1):  | 20 PSF UNIFORM, 300 LB CONCENTRATED |                             |
| SNOW LOADS (TABLE 1608):   |                                     |                             |
| GROUND SNOW LOAD (FIG 1608.2):   | 5 PSF                               |                             |

|                           |   |  |  |
|---------------------------|---|--|--|
| <b>LIFE-SAFETY LEGEND</b> |   |  |  |
| SYMBOL                    | DESCRIPTION                                   |  |  |
| ➤                         | EXITS   |  |  |
| 45                        | DOOR FIRE RATING (MINUTES)                    |  |  |
| 36/170                    | DOOR WIDTH/EGRESS CAPACITY                    |  |  |
| ☐                         | EXIT LIGHT                                    |  |  |
| ☒                         | FIRE EXTINGUISHER AND CABINET - SEMI-RECESSED |  |  |
| ☒                         | FIRE EXTINGUISHER IV WALL MTD BRACKET         |  |  |
| —                         | COMMON PATH OF TRAVEL                         |  |  |
| .....                     | TOTAL TRAVEL DISTANCE                         |  |  |
| ●                         | DECISION POINT                                |  |  |
| ---                       | SMOKE PARTITION                               |  |  |
| ---                       | ONE-HOUR FIRE RATED PARTITION                 |  |  |
| ---                       | TWO-HOUR FIRE RATED PARTITION                 |  |  |
| ---                       | TWO-HOUR FIRE/SMOKE PARTITION                 |  |  |
| ---                       | FOUR-HOUR RATED PARTITION                     |  |  |

|  |    |                               |
|--|----|-------------------------------|
| <b>CONTRACTOR NOTE:</b>  |    |                               |
| 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. |    |                               |
| <b>FLOOD ZONE INFORMATION</b>  |    |                               |
| 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 0539 D, REVISED 04/02/1991  |    |                               |
| FLOOD ZONE:  | AH | BASE FLOOD ELEVATION 1.0 NGVD |
| ELEVATIONS REFER TO NGVD 1929 DATUM  |    |                               |

|                           |   |
|---------------------------|---|
| <b>LIFE-SAFETY LEGEND</b> |   |
| SYMBOL                    | DESCRIPTION                                   |
| ➤                         | EXITS   |
| 45                        | DOOR FIRE RATING (MINUTES)                    |
| 36/170                    | DOOR WIDTH/EGRESS CAPACITY                    |
| ☐                         | EXIT LIGHT                                    |
| ☒                         | FIRE EXTINGUISHER AND CABINET - SEMI-RECESSED |
| ☒                         | FIRE EXTINGUISHER IV WALL MTD BRACKET         |
| —                         | COMMON PATH OF TRAVEL                         |
| .....                     | TOTAL TRAVEL DISTANCE                         |
| ●                         | DECISION POINT                                |
| ---                       | SMOKE PARTITION                               |
| ---                       | ONE-HOUR FIRE RATED PARTITION                 |
| ---                       | TWO-HOUR FIRE RATED PARTITION                 |
| ---                       | TWO-HOUR FIRE/SMOKE PARTITION                 |
| ---                       | FOUR-HOUR RATED PARTITION                     |

|  |    |                               |
|--|----|-------------------------------|
| <b>CONTRACTOR NOTE:</b>  |    |                               |
| 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. |    |                               |
| <b>FLOOD ZONE INFORMATION</b>  |    |                               |
| 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 0539 D, REVISED 04/02/1991  |    |                               |
| FLOOD ZONE:  | AH | BASE FLOOD ELEVATION 1.0 NGVD |
| ELEVATIONS REFER TO NGVD 1929 DATUM  |    |                               |



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

**1 LIFE-SAFETY PLAN**  
SCALE: 1/8" = 1'-0"

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

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

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

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

SHEET TITLE:  
LIFE-SAFETY AND BUILDING CODE INFORMATION

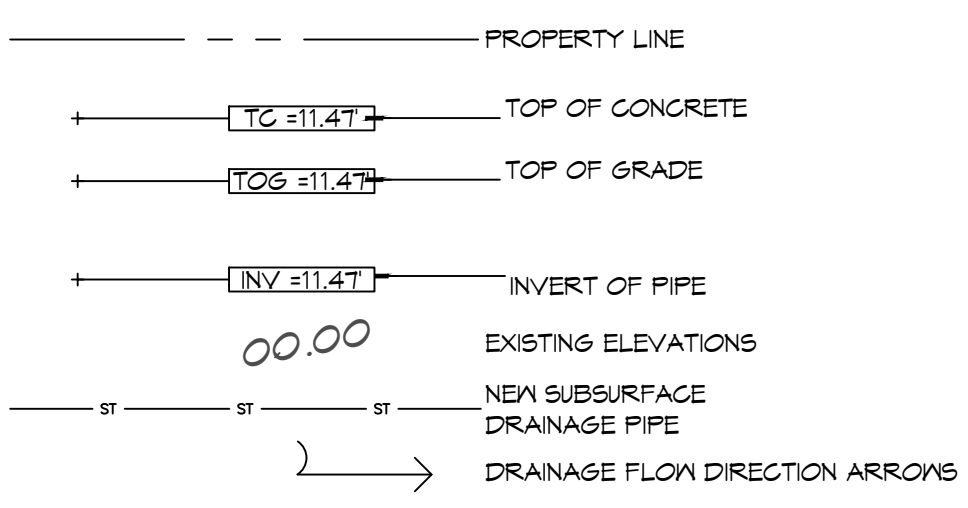
DRAWING NUMBER:  
**LS101**

SHEET No: 4 of 37



FILE NAME: S:\Projects\2015\15-0000\2015-0000.dwg PLOT DATE: 12/05/2015 10:53:12 AM

### SITE DRAINAGE LEGEND



### AREA OF FILL (CUBIC YARDS)

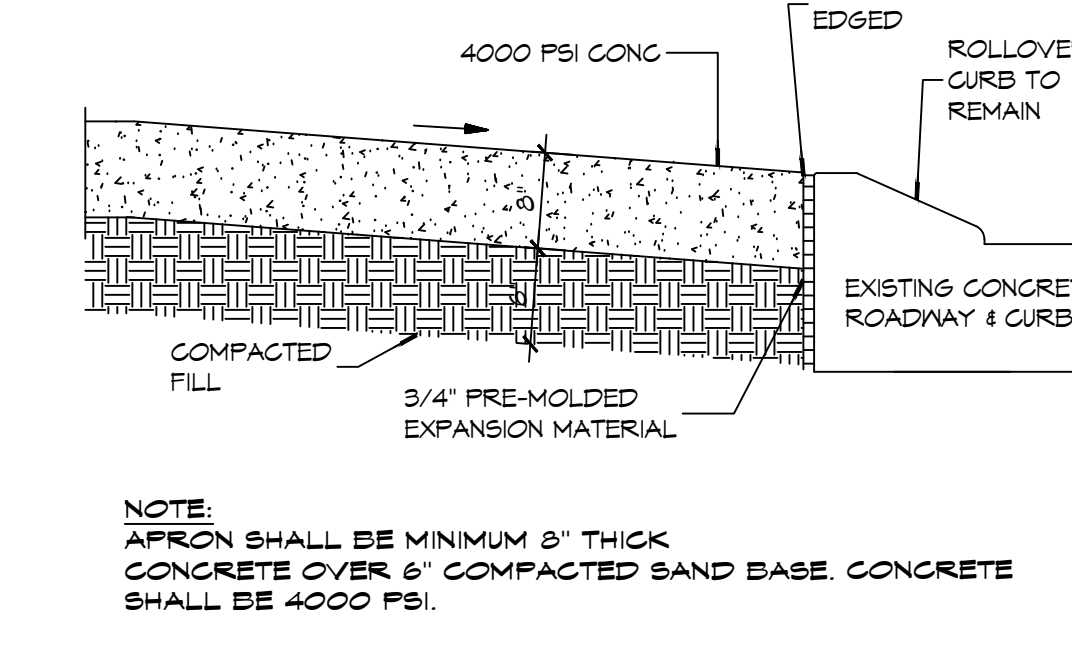
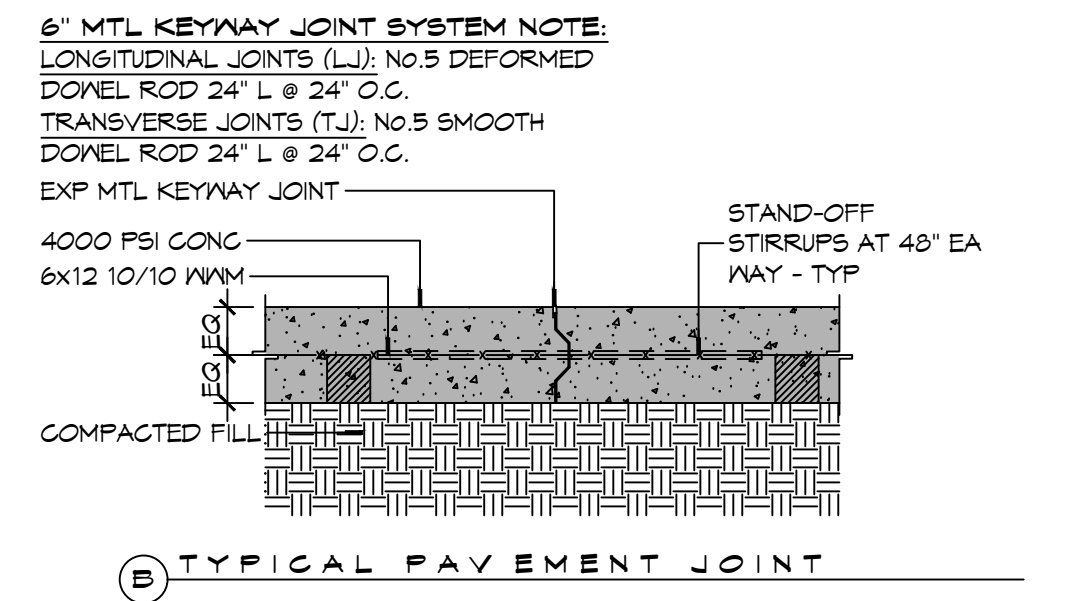
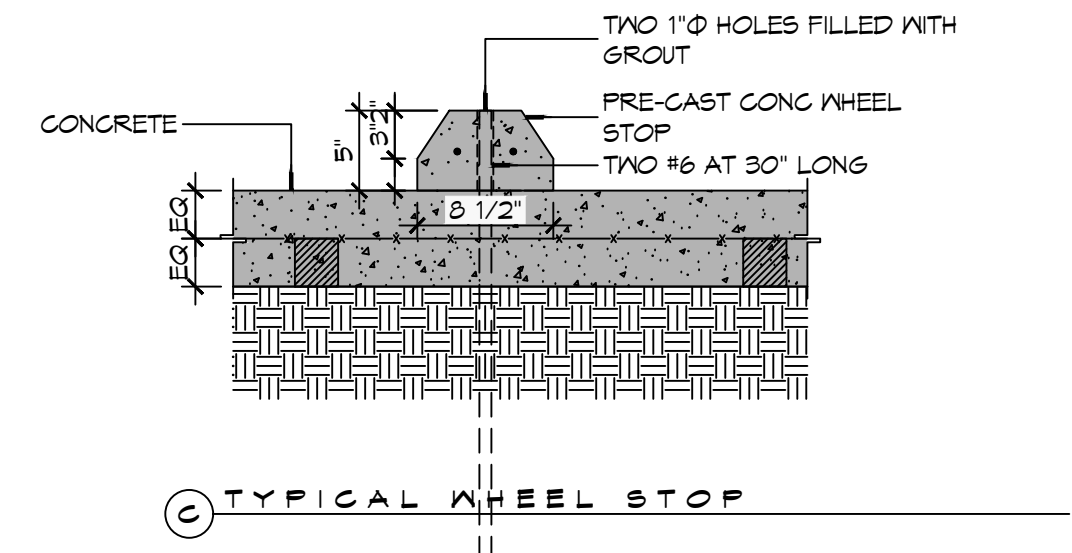
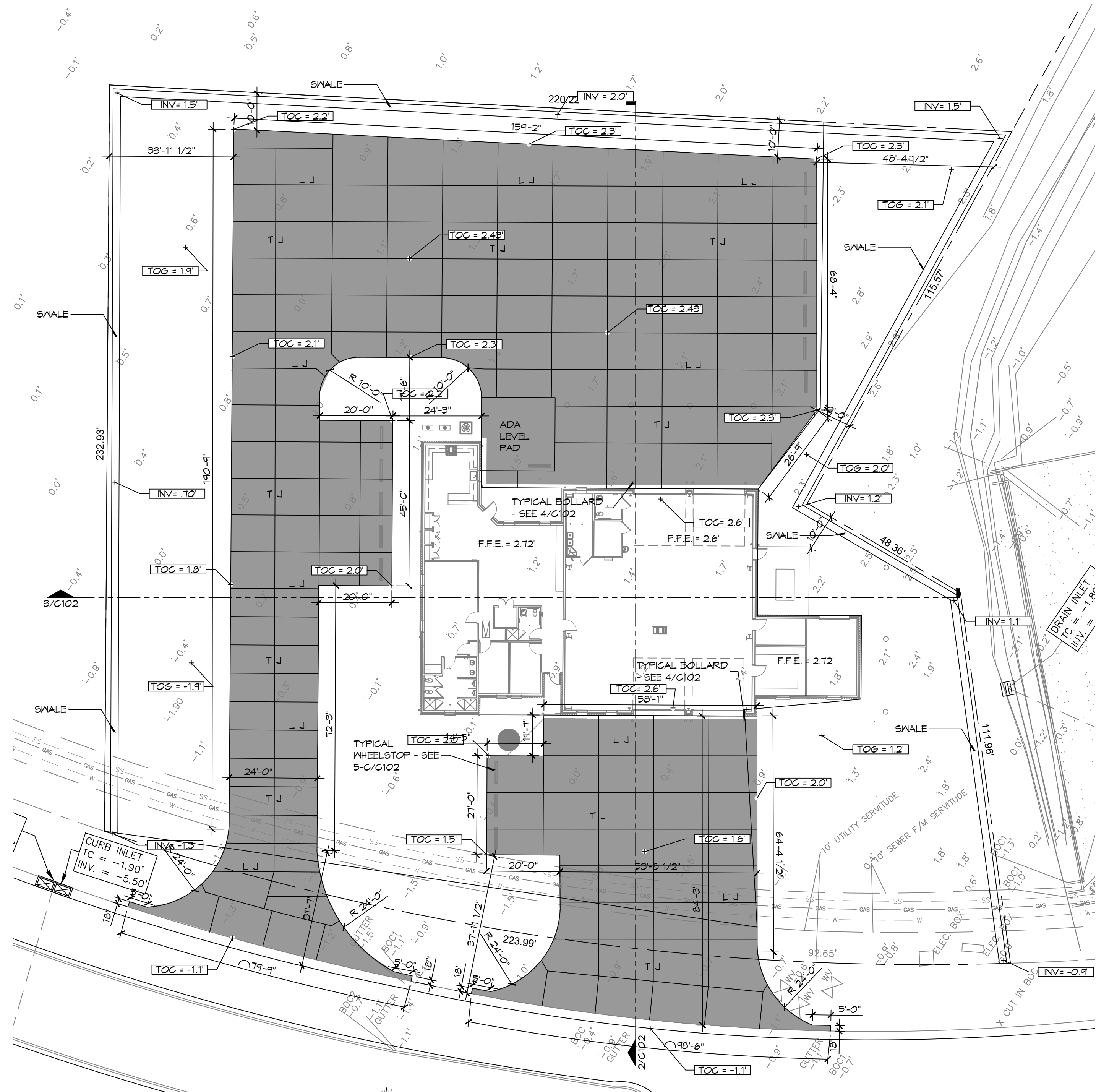
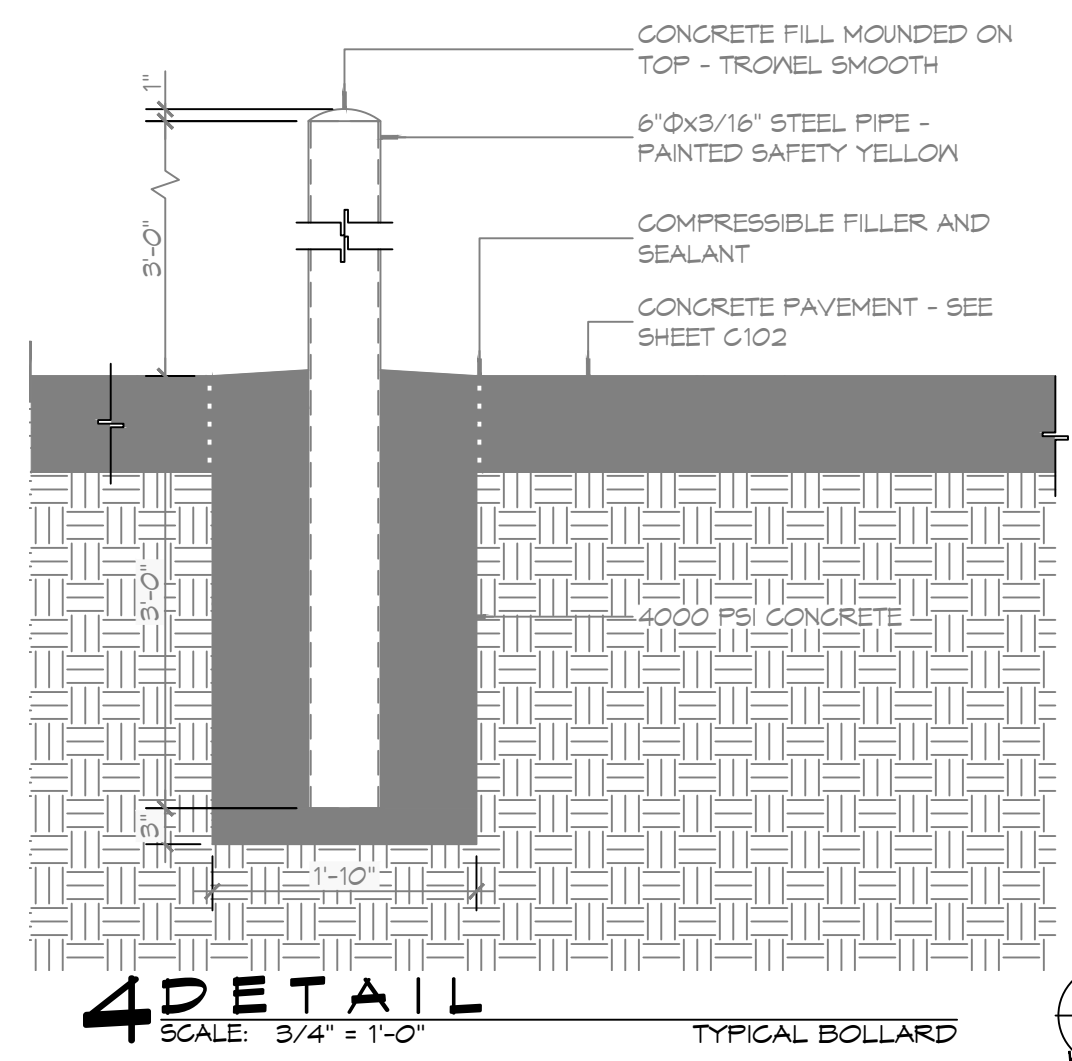
2,836 CUBIC YARDS

### GENERAL NOTES

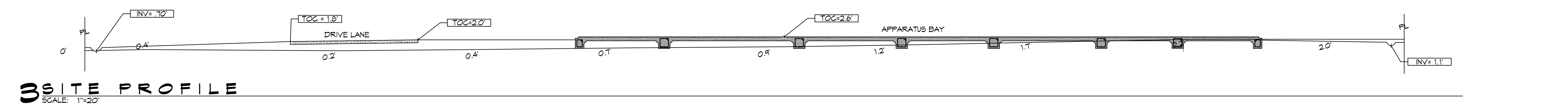
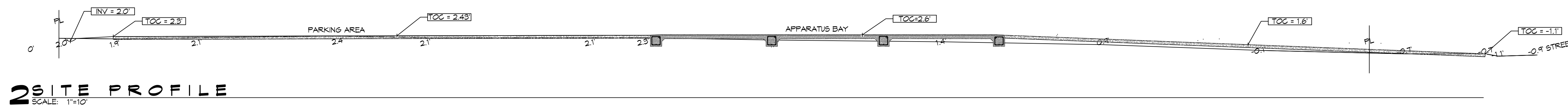
- ALL NEW CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI AT 28 DAYS AND A MINIMUM THICKNESS OF 6". CONCRETE MIX SHALL BE IN ACCORDANCE WITH THE LATEST REVISION OF ASTM C-150 TYPE 1.
- CONCRETE PAVING THICKNESS SHALL VARY AS FOLLOWS:
  - APRONS & LOADING AREAS = 8" THICKNESS
  - DRIVE LANES & PARKING AREAS = 6" THICKNESS
- ALL REINFORCING STEEL SHALL MEET ASTM-A615 (GRADE 60).
- 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.
- ALL SUB GRADE FILL SHALL BE SELECT GRANULAR MATERIAL COMPACTED TO 95% STANDARD PROCTOR DENSITY IN A MAXIMUM OF 6" LIFTS.
- CONTRACTOR SHALL CONTACT THEIR REGULATORY DEPARTMENT OF ENGINEERING PRIOR TO CONDUCTING ANY WORK.
- 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.

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

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Slidell, LA 70458  
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info@dammonengineering.com  
PH: 985.649.5832



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



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

246 LAKESHORE VISTA BLVD  
SLIDELL, LA 70461

JOB No: 2519 DATE: 12-05-2015  
DRAWN BY: CKD CHECKED BY: BAK

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

DRAWING NUMBER:

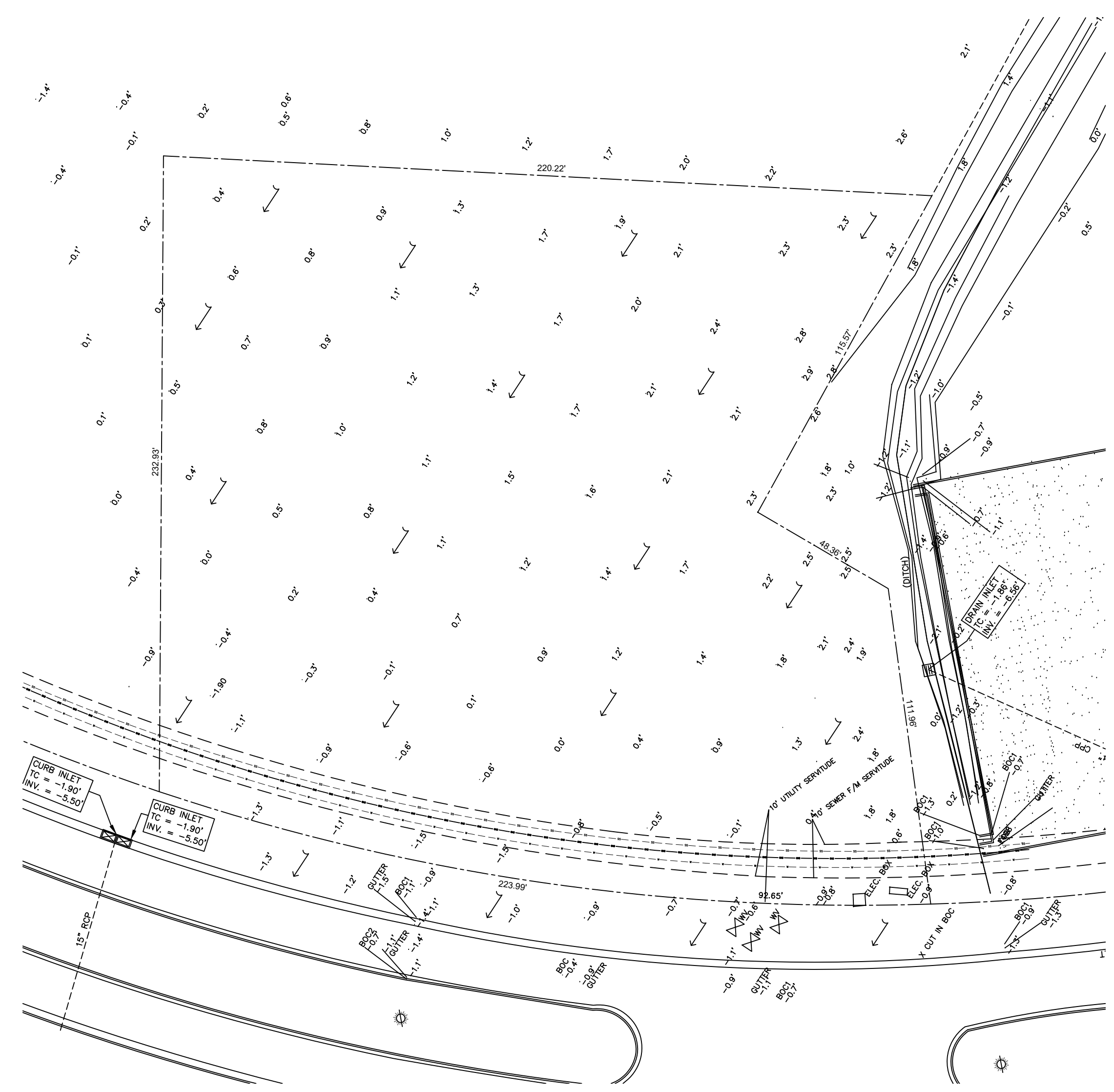
**C102**







FILE NAME: C:\Users\dammon\OneDrive - The Dammon Group\Documents\Drawings\C106 - Pre and Post Dev - 251515.dwg  
 PLOT DATE: 8/28/2025 10:58:59 AM  
 PLOT BY: B.M.



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

**PRE HARD & GREEN SPACE**

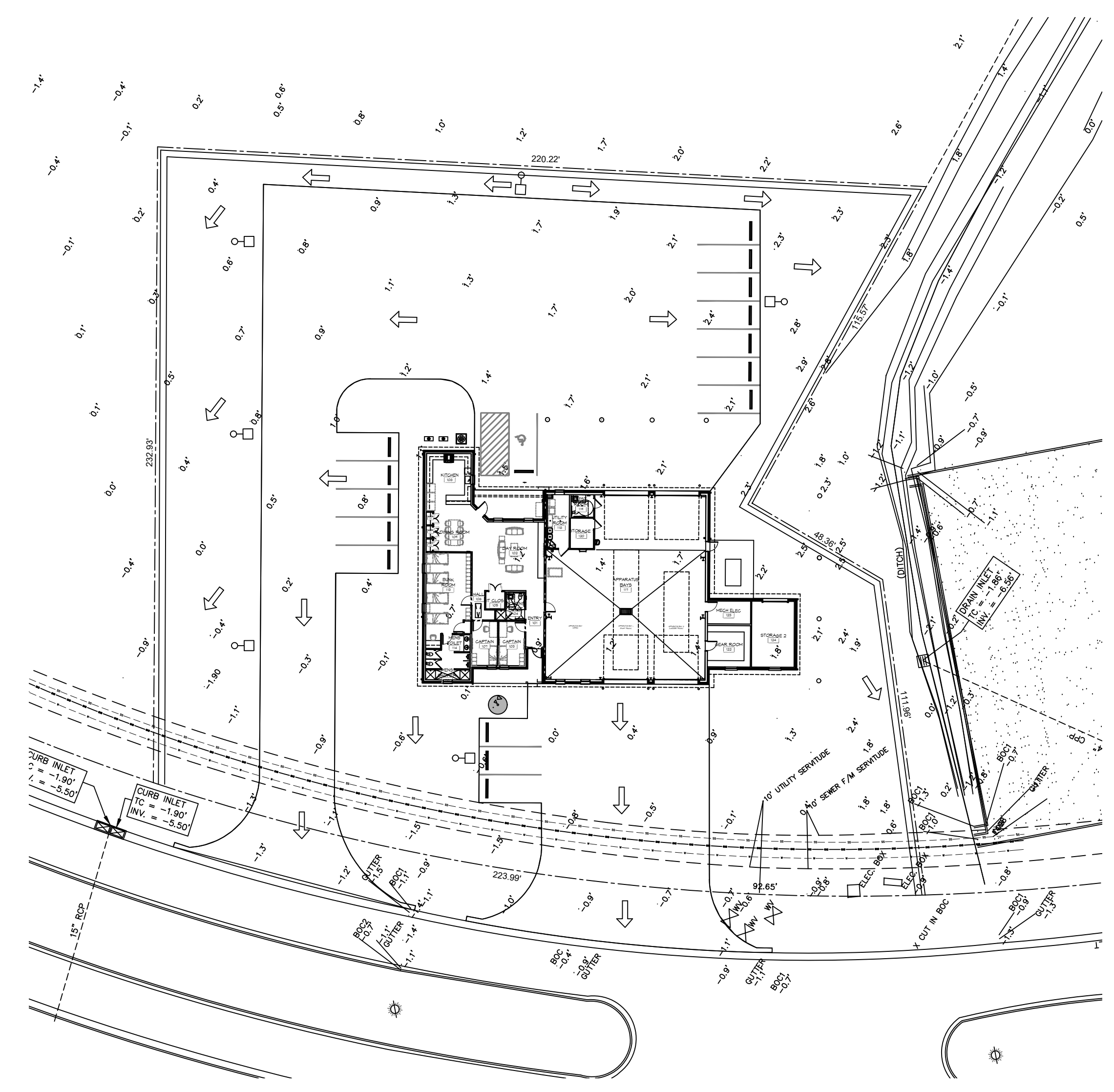
EXISTING AREA - 1.154 ACRES = 50,491 SQ. FT.  
 GREEN AREA = 50,491 SQ. FT.

NO ADVERSE IMPACT TO ADJACENT PROPERTIES

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

**PRE & POST WATER FLOW**

PRE DEVELOPMENT DRAINAGE FLOW  
 POST DEVELOPMENT DRAINAGE FLOW



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

**POST HARD & GREEN SPACE**

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

DAMMON

ENGINEERING, INC.

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

2745 LAKESHORE VISTA BLVD  
 SLIDELL, LA 70461

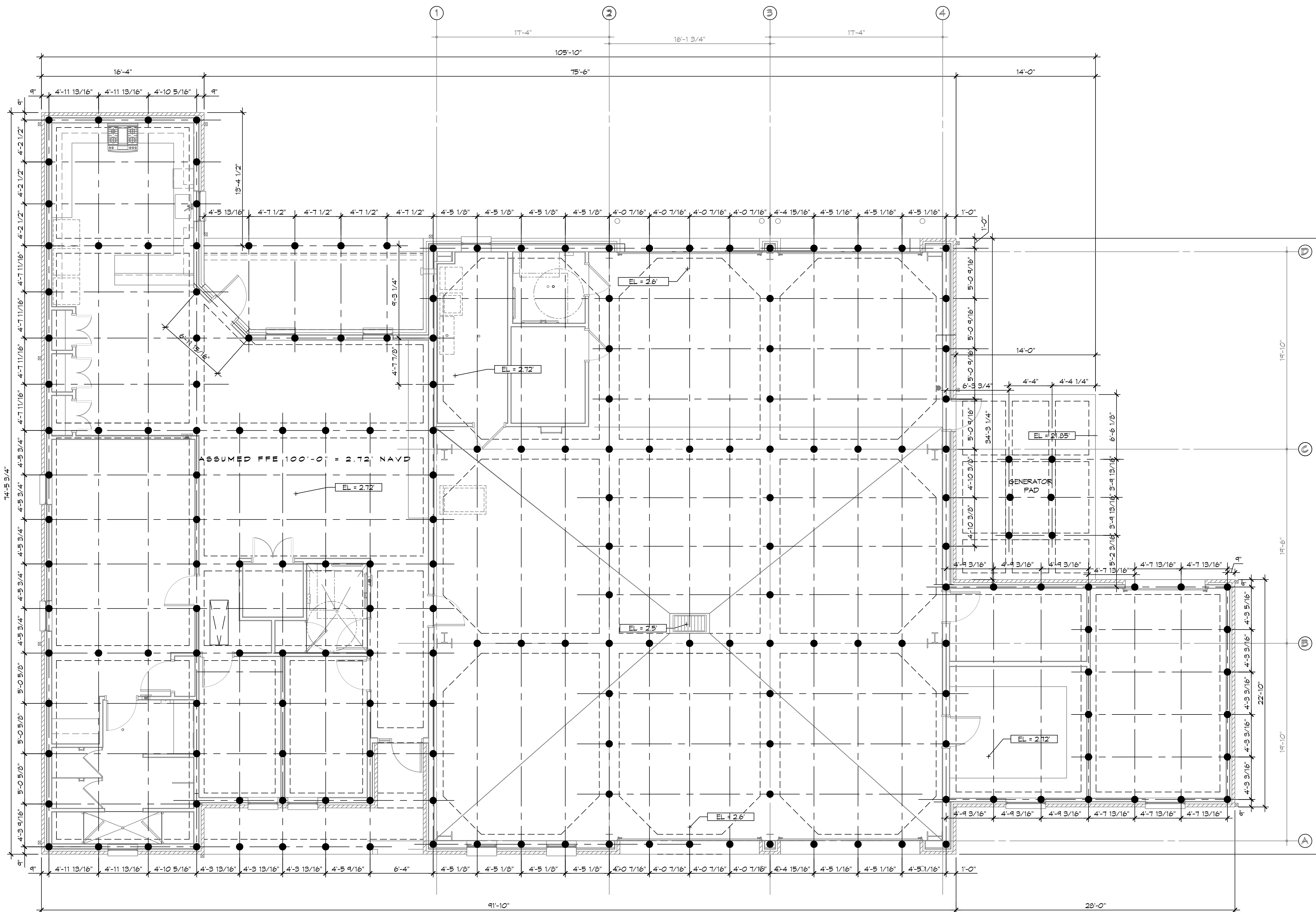
JOB No: 251515 | DATE: 12-05-2025  
 DRAWN BY: B.M. | CHECKED BY: C.K.D.

SHEET TITLE:  
PRE AND POST DEVELOPMENT

DRAWING NUMBER:  
**C106**

SHEET No: 10 of 37

E:\WORK\11 - Dammon\11111 - The Station\11111\11111.dwg, Plot Date: 5/20/25, 12:05:00 PM, 5/20/25, 12:05:00 PM



**PILING NOTES**

1. PILES ARE TO BE 30 FT. IN LENGTH WITH A 6 INCH TIP AND 6" BUTT. DRIVEN TO REFUSAL.
2. ALL PILES SHALL BE PRESSURE-TREATED ROUND TIMBER PILES CONFORMING TO ASTM D25.
3. DESIGN LOAD = 5 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 FILE 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., AT MINIMUM OF 25 BLOWS PER FOOT. IF THE DROP EXCEEDS 3 FT., CONTACT ENGINEER FOR INSTRUCTIONS.
10. FIELD VERIFY DIMENSIONS AGAINST THE ARCHITECTURAL DRAWINGS

**PILING COUNT**

189 PILING COUNT

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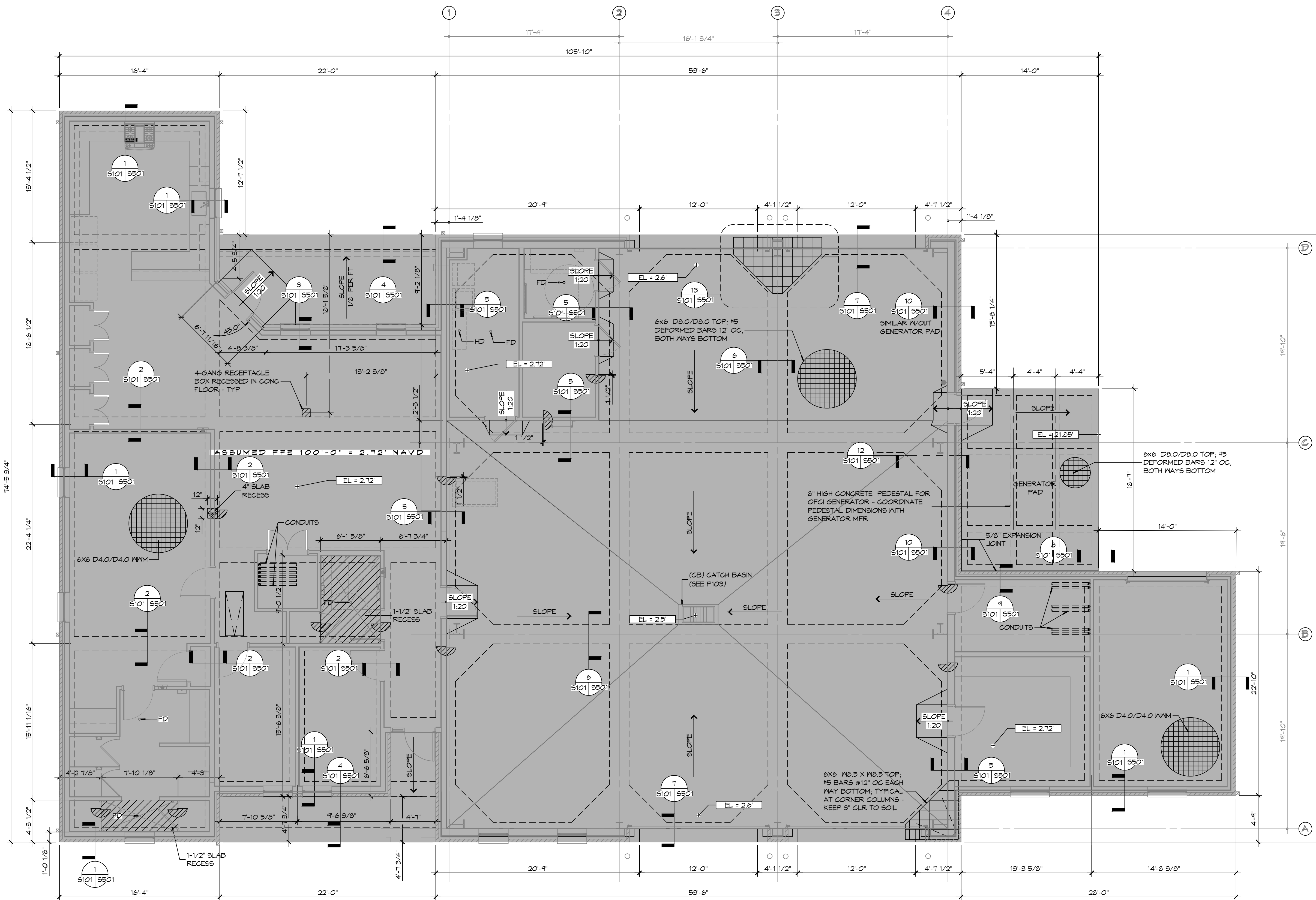
NEW FIRE STATION #10  
 ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1  
 246 LAKESHORE VISTA BLVD  
 SLIDELL, LA 70461  
 JOB No: 2519 DATE: 12-05-2025  
 DRAWN BY: CKD CHECKED BY: BAK

SHEET TITLE:  
 PILING GENERAL ARRANGMENT

DRAWING NUMBER:  
**PGA1**  
 SHEET No: 11 of 37

**1 PILING GENERAL ARRANGMENT**  
 SCALE: 3/16" = 1'-0"

FILE NAME: J:\Projects\2025\25101\25101.dwg PLOT DATE: 8/28/25 PLOT TIME: 8:55:00 AM PLOT BY: JMM



**1 FOUNDATION PLAN**  
 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 1745 CLASS A, PERMEANCE LESS THAN 0.01 PERMS, EQUAL TO STEGO INDUSTRIES STEGO WRAP, EGOSHELD-E 15 MIL BY EPRO, OR IRONBAR 15 BY FLATIRON FILMS. PROVIDE APPROPRIATE ACCESSORIES FOR A COMPLETE SYSTEM.
7. ALL REINFORCING STEEL AND MESH SHALL BE SECURELY SUPPORTED TO PREVENT BOTH VERTICAL AND HORIZONTAL MOVEMENT DURING CONCRETE PLACEMENT.
8. THE CONTRACTOR SHALL VERIFY ALL DROPS, OFFSETS, BRICK LEDGES, DIMENSIONS AND CONFIGURATIONS. CONTRACTOR MUST BE RESPONSIBLE FOR SAME.
9. GRADE BEAM DIMENSIONS MAY VARY BY -5%, +20%.
10. NEW SPREAD CONCRETE FOOTINGS AND CONTINUOUS FOOTINGS, BEARING ON COMPACTED STRUCTURAL FILL AT LEAST 2 FEET BELOW FINISHED GRADE, 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 TERMIT TREATMENT IN ACCORDANCE WITH SPECIFICATIONS.

**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 TOP SOIL 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 Tired VEHICLE WEIGHING ABOUT 20 TONS; PROOF-ROLLING SHALL BE MONITORED BY A GEOTECHNICAL ENGINEER. ANY SOILS WHICH ARE OBSERVED TO RUT OR DEFLECT EXCESSIVELY UNDER THE MOVING LOAD SHOULD BE UNDERCUT AND REPLACED WITH COMPACTED STRUCTURAL FILL.
2. THE STRUCTURAL FILL SHALL BE SELECT GRANULAR MATERIAL AND SHALL BE PLACED IN MAXIMUM LIFTS OF EIGHT (8) INCHES OF LOOSE MATERIAL, COMPACTED WITHIN THE RANGE OF ONE (1) PERCENTAGE POINT BELOW TO THREE (3) PERCENTAGE POINTS ABOVE THE OPTIMUM MOISTURE CONTENT VALUE. IF WATER MUST BE ADDED, IT SHALL BE UNIFORMLY APPLIED AND THOROUGHLY MIXED INTO THE SOIL BY DISKING OR SCARIFYING. EACH LIFT OF COMPACTED STRUCTURAL FILL SHALL BE TESTED BY A REPRESENTATIVE OF THE GEOTECHNICAL ENGINEER PRIOR TO PLACEMENT OF SUBSEQUENT LIFTS. IN-PLACE DENSITY MEASUREMENTS SHALL BE TAKEN TO ASSURE THAT THE ABOVE DEGREE OF COMPACTION IS ACHIEVED. THE COMPACTED STRUCTURAL FILL SHALL EXTEND FIVE (5) FEET BEYOND THE PERIMETER OF THE BUILDING PRIOR TO SLOPING.
3. ALL RUNOFF WATER MUST BE CARRIED AWAY FROM THE SLAB TO PREVENT SATURATION OF THE SUB-BASE.
4. ALL TREES WITHIN CLOSE PROXIMITY SHALL BE REMOVED TO PREVENT THE ROOTS FROM EXTENDING UNDER THE SLAB.
5. PROVIDE AND MAINTAIN IMMEDIATE SITE DRAINAGE BEFORE, DURING, AND AFTER CONSTRUCTION. PROVIDE GRADING, SWELLS, AND SUMP 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 NOT BE ALLOWED TO POND PRIOR OR AFTER CONCRETE PLACEMENT. IF IT IS REQUIRED THAT A FOOTING EXCAVATIONS BE LEFT OPEN FOR MORE THAN ONE DAY, THEY SHOULD BE PROTECTED TO REDUCE EVAPORATION OR ENTRY OF MOISTURE.

**FOUNDATION STATISTICS**

|                      |             |
|----------------------|-------------|
| FOUNDATION AREA:     |             |
| BUILDING FOOTPRINT - | 6,526 SF    |
| GENERATOR PAD        | 365 SQ. FT. |

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NEW FIRE STATION #10  
 ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1  
 2146 LAKESHORE VISTA BLVD  
 SLIDELL, LA 70461  
 JOB No: 2519 DATE: 12-05-2025  
 DRAWN BY: CKD CHECKED BY: BAK

SHEET TITLE:  
 FOUNDATION PLAN,  
 DETAILS AND NOTES

DRAWING NUMBER:

**S101**

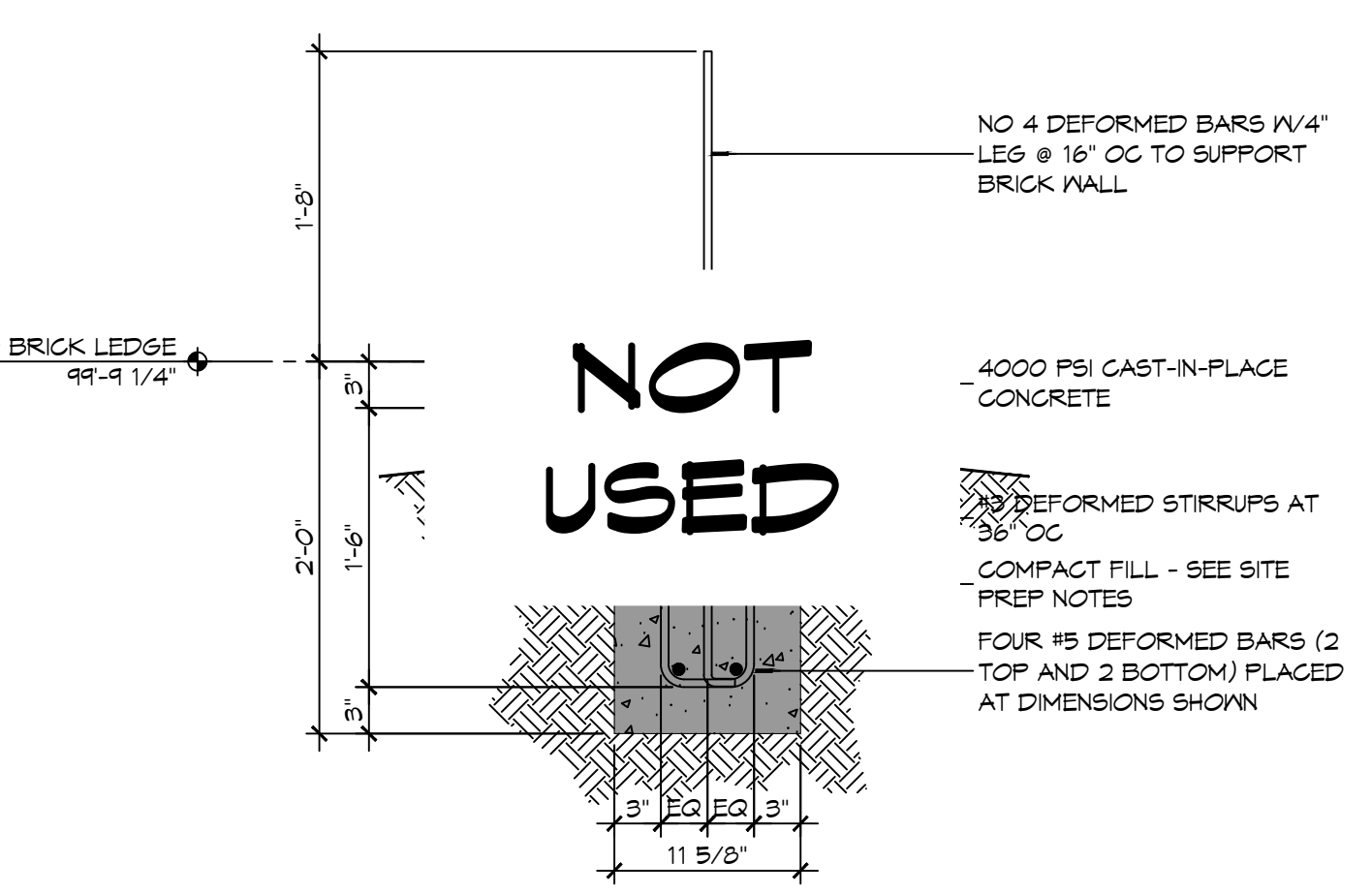




FILE NAME: S:\Projects\10115101 - Fire Station #10 (Dammon's Corner) Station\10115101-Foundations.dwg, PLOT DATE: 8/28/2025, PLOT TIME: 8:23:58 AM, December 5, 2025 8:24:24

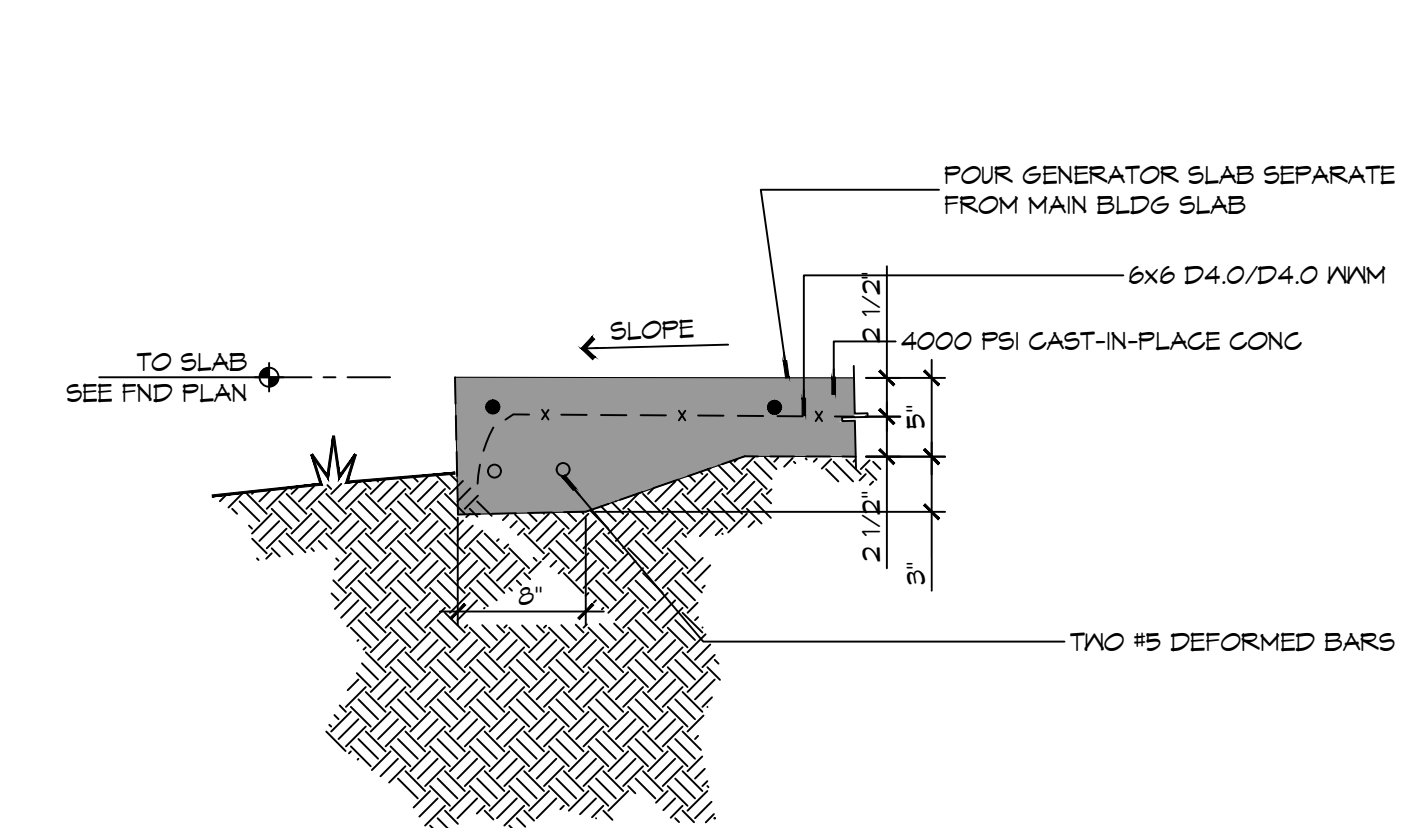
### 14 FOUNDATION DETAIL

550115101 SCALE: NTS



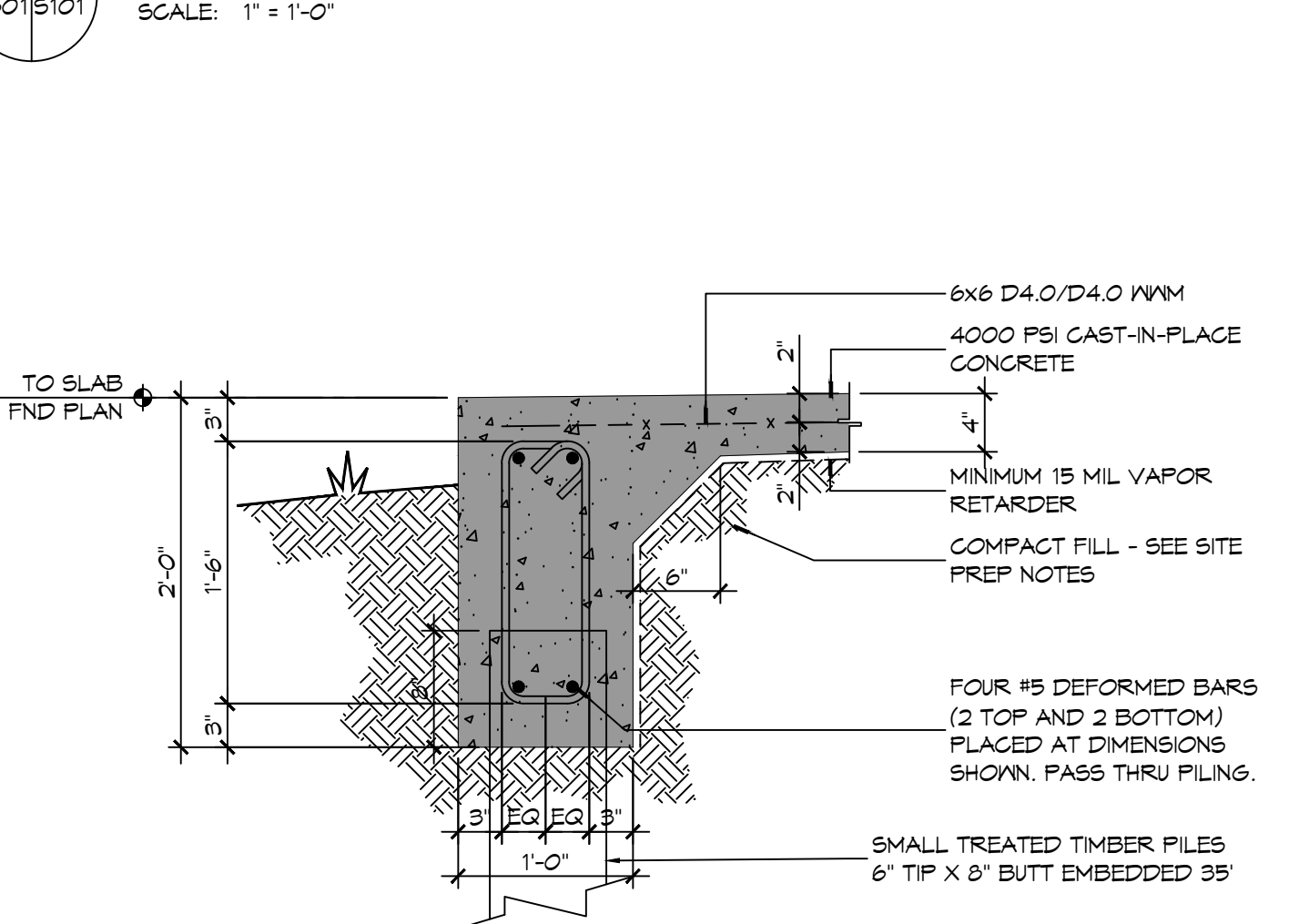
### 11 FOUNDATION DETAIL

550115101 SCALE: 1" = 1'-0"



### 8 FOUNDATION DETAIL

550115101 SCALE: 1" = 1'-0"



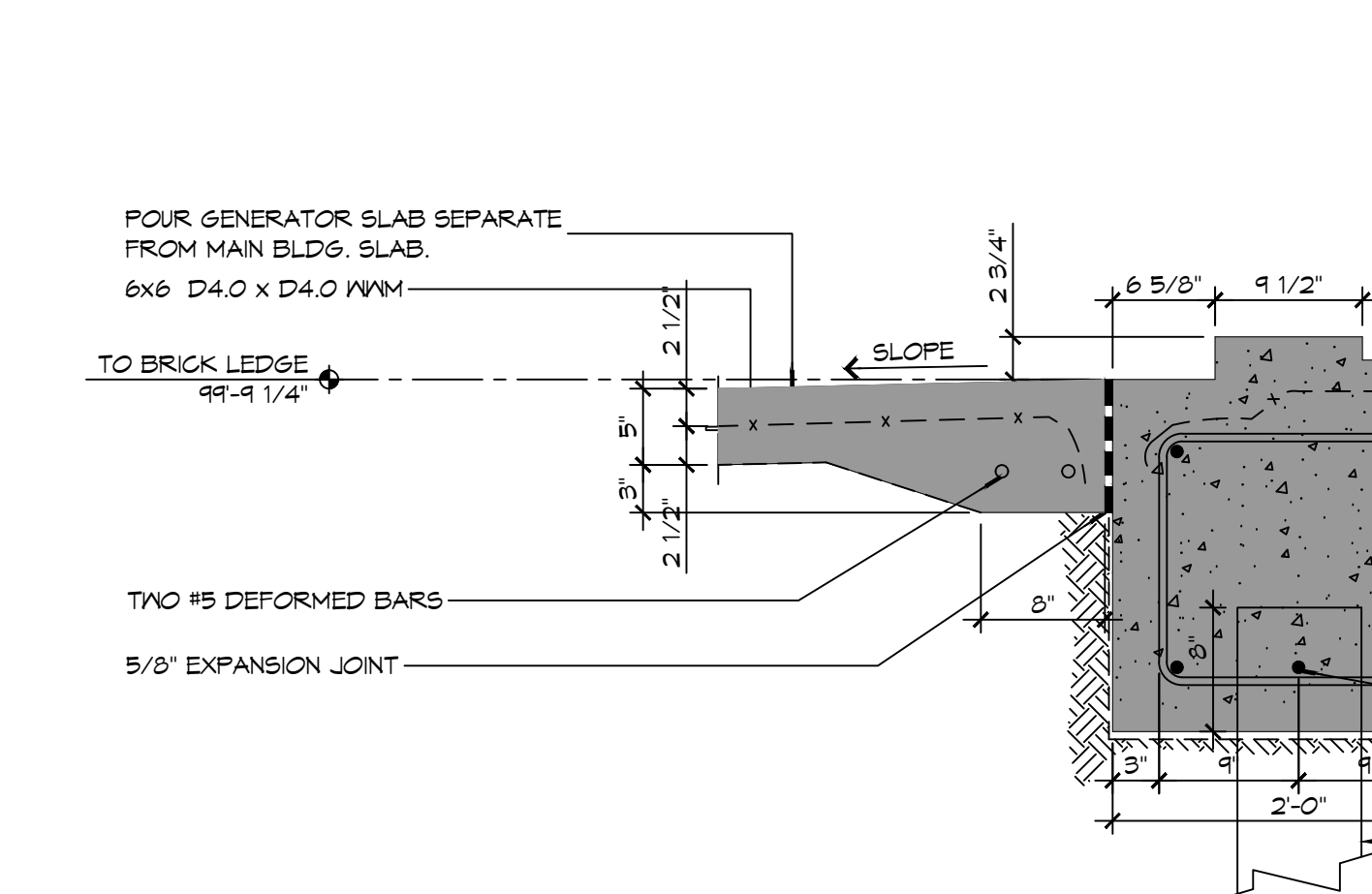
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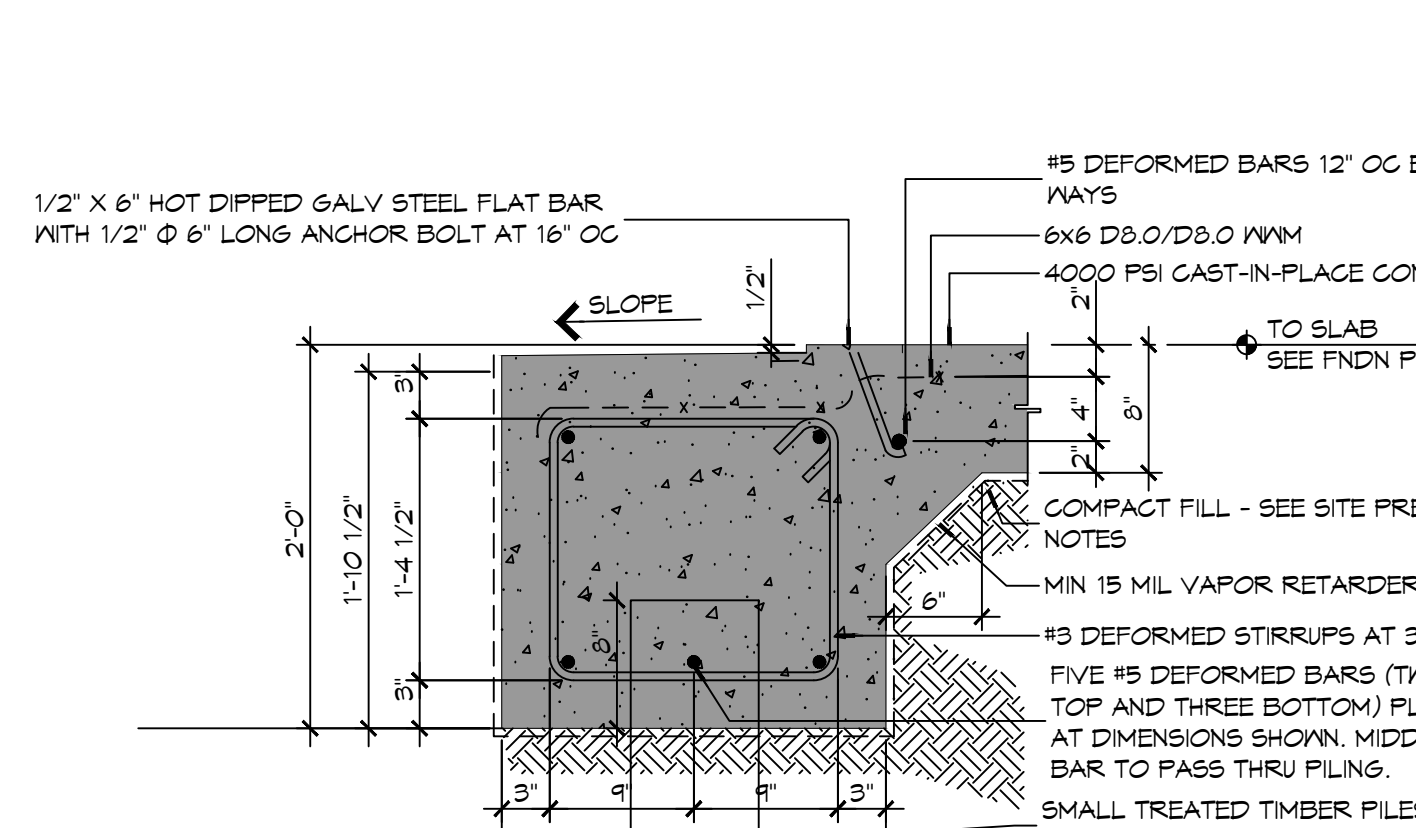
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550115101 SCALE: 1/2" = 1'-0"



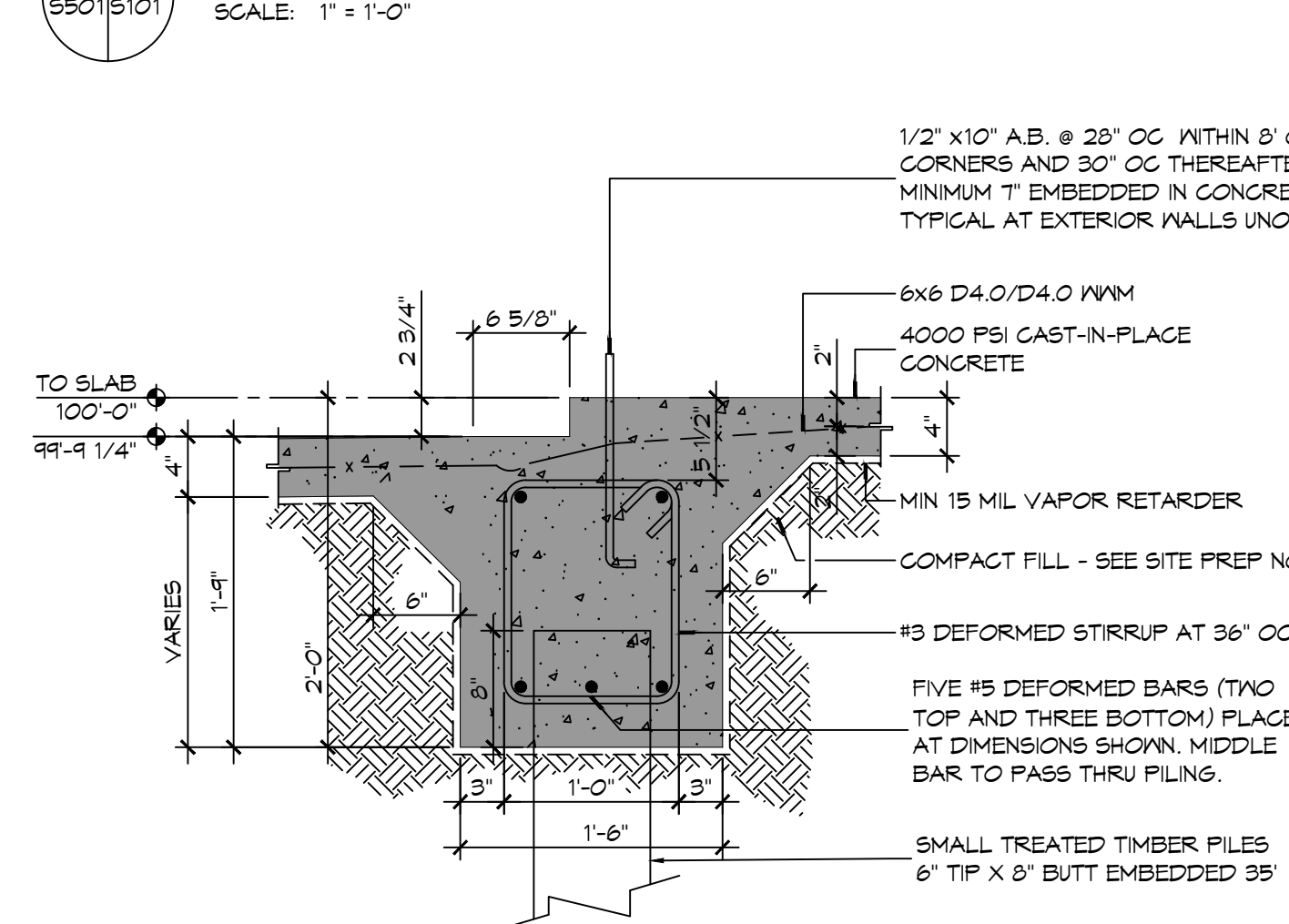
### 10 FOUNDATION DETAIL

550115101 SCALE: 1" = 1'-0"



### 7 FOUNDATION DETAIL

550115101 SCALE: 1" = 1'-0"



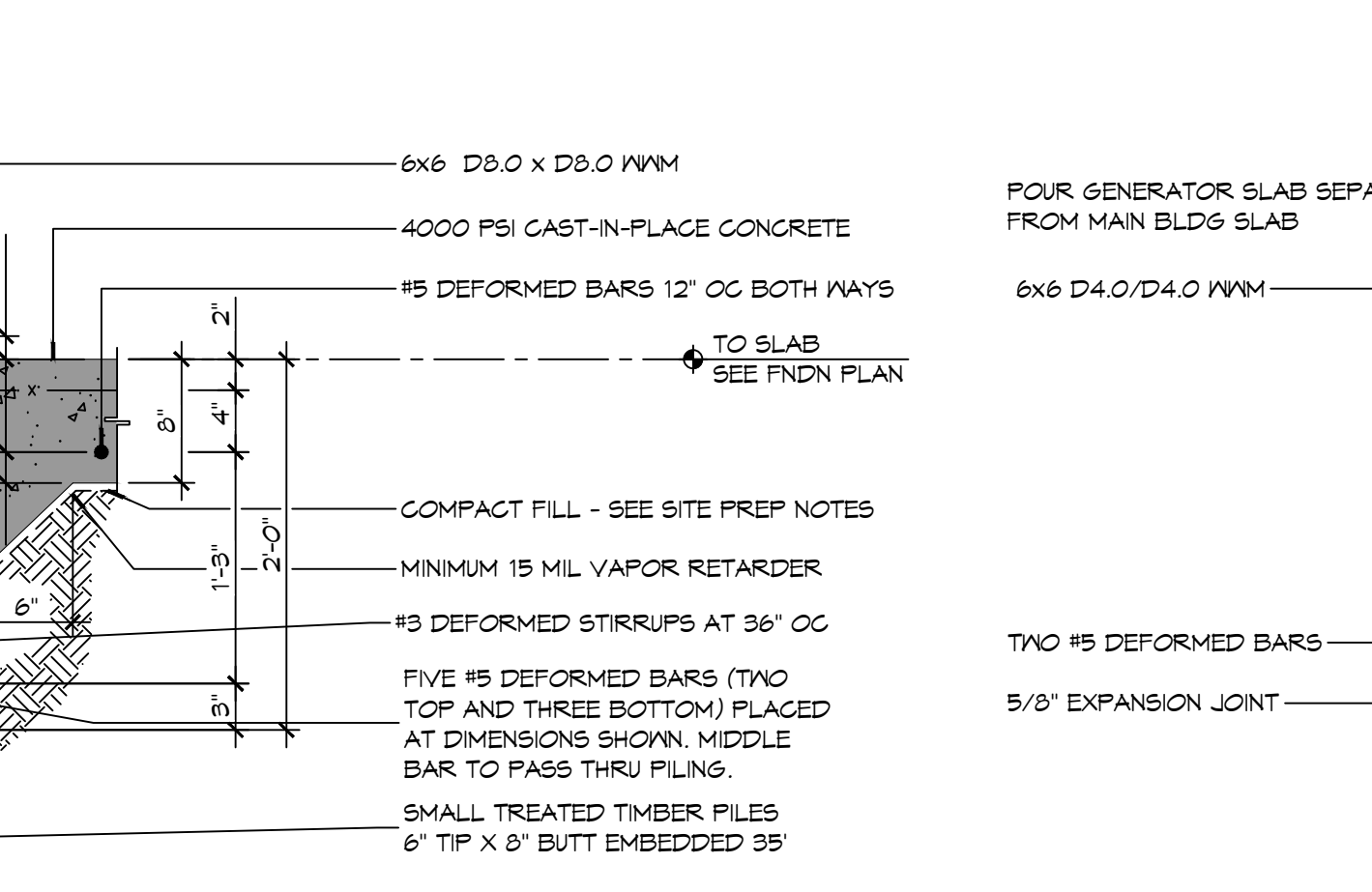
### 3 FOUNDATION DETAIL

550115101 SCALE: 1" = 1'-0"



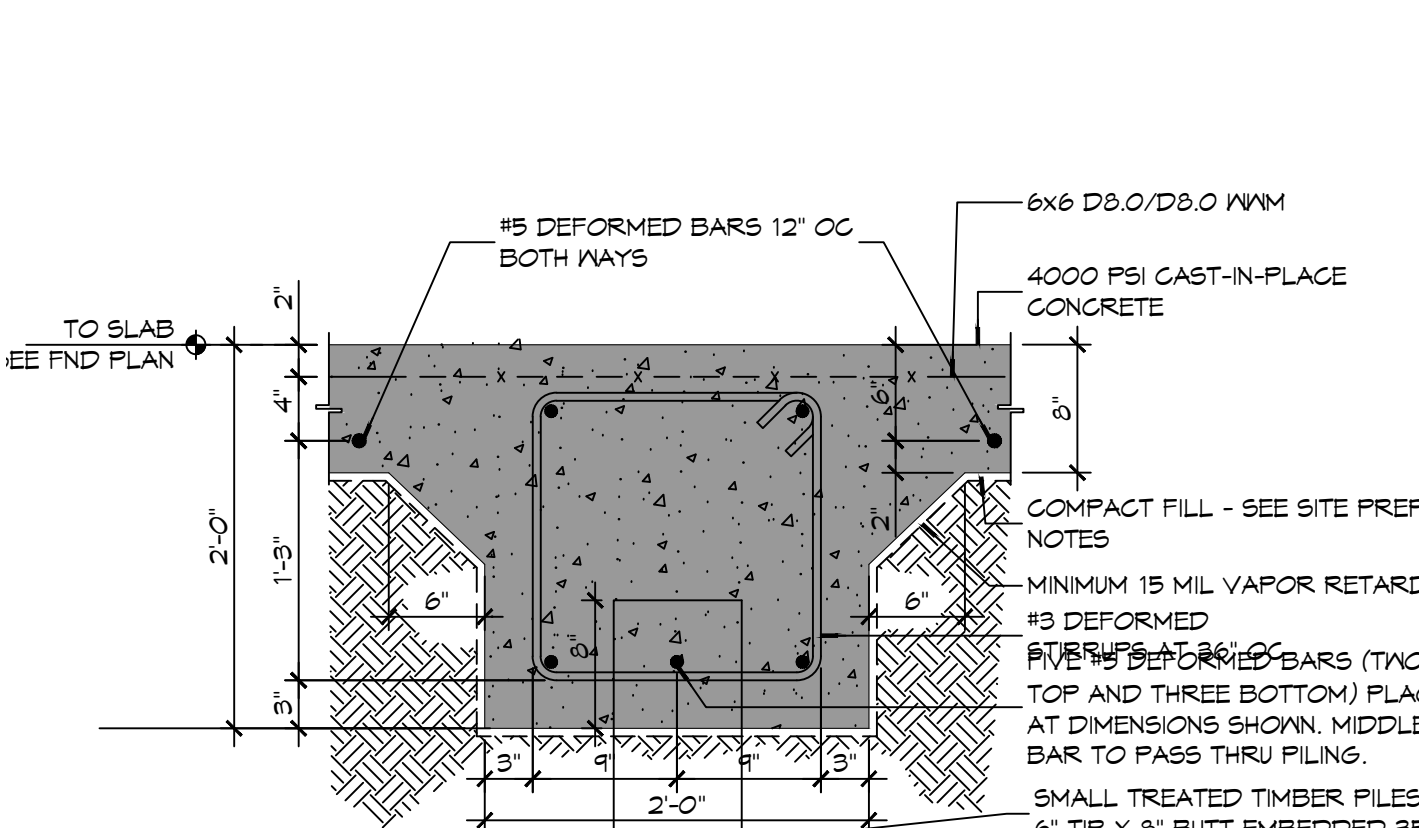
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550115101 SCALE: 3/4" = 1'-0"



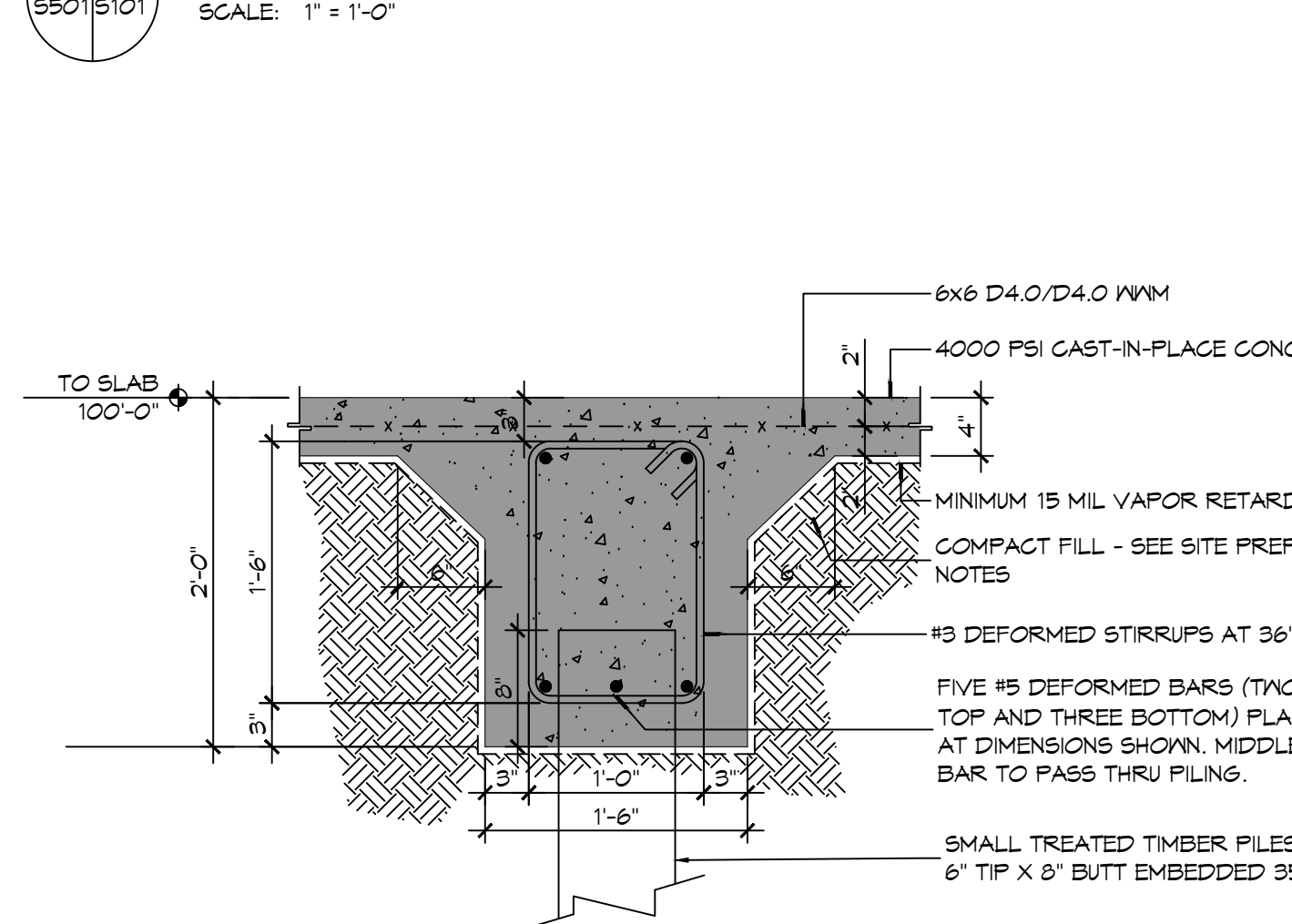
### 9 FOUNDATION DETAIL

550115101 SCALE: 1" = 1'-0"



### 6 FOUNDATION DETAIL

550115101 SCALE: 1" = 1'-0"



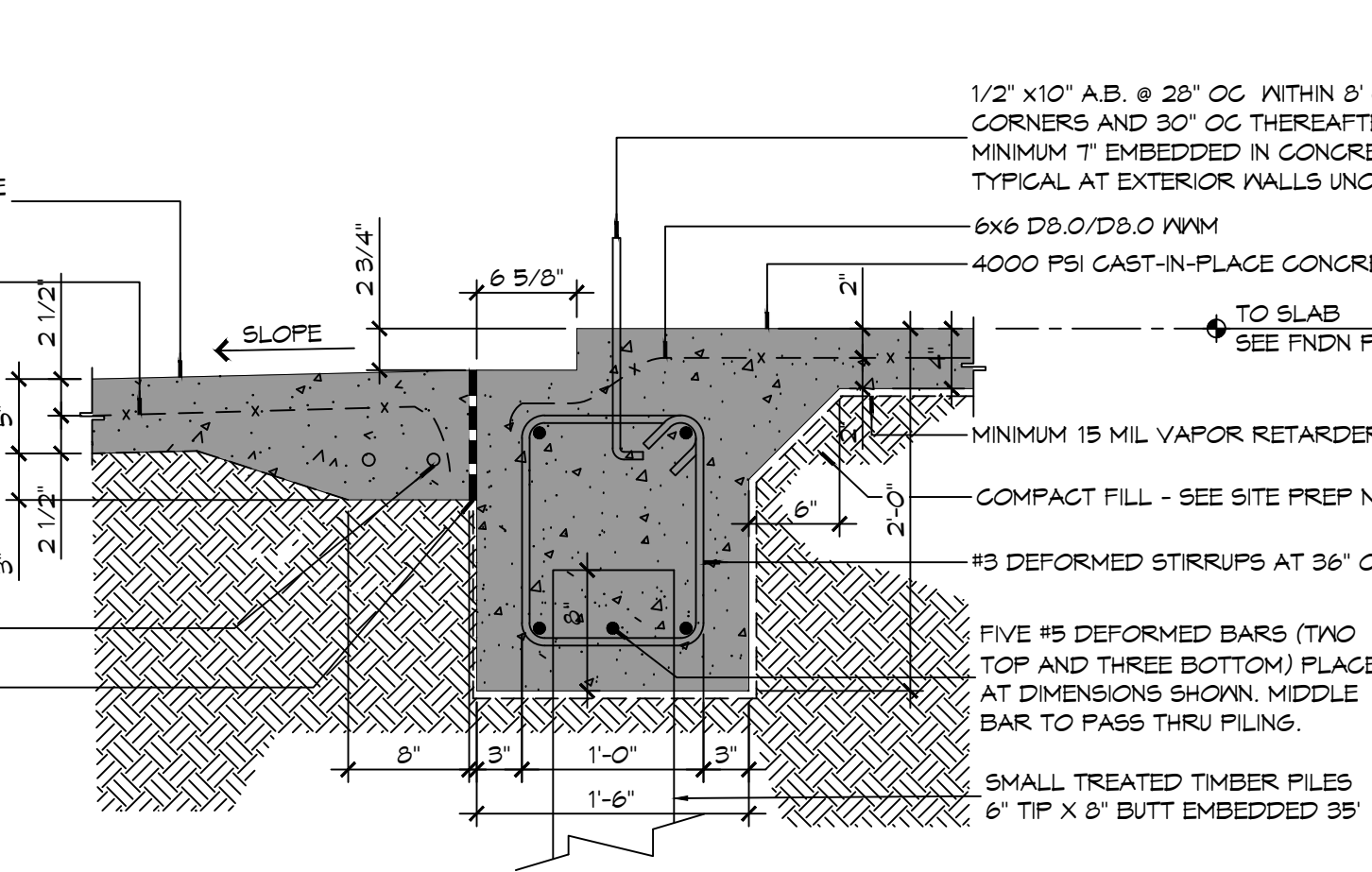
### 2 FOUNDATION DETAIL

550115101 SCALE: 1" = 1'-0"



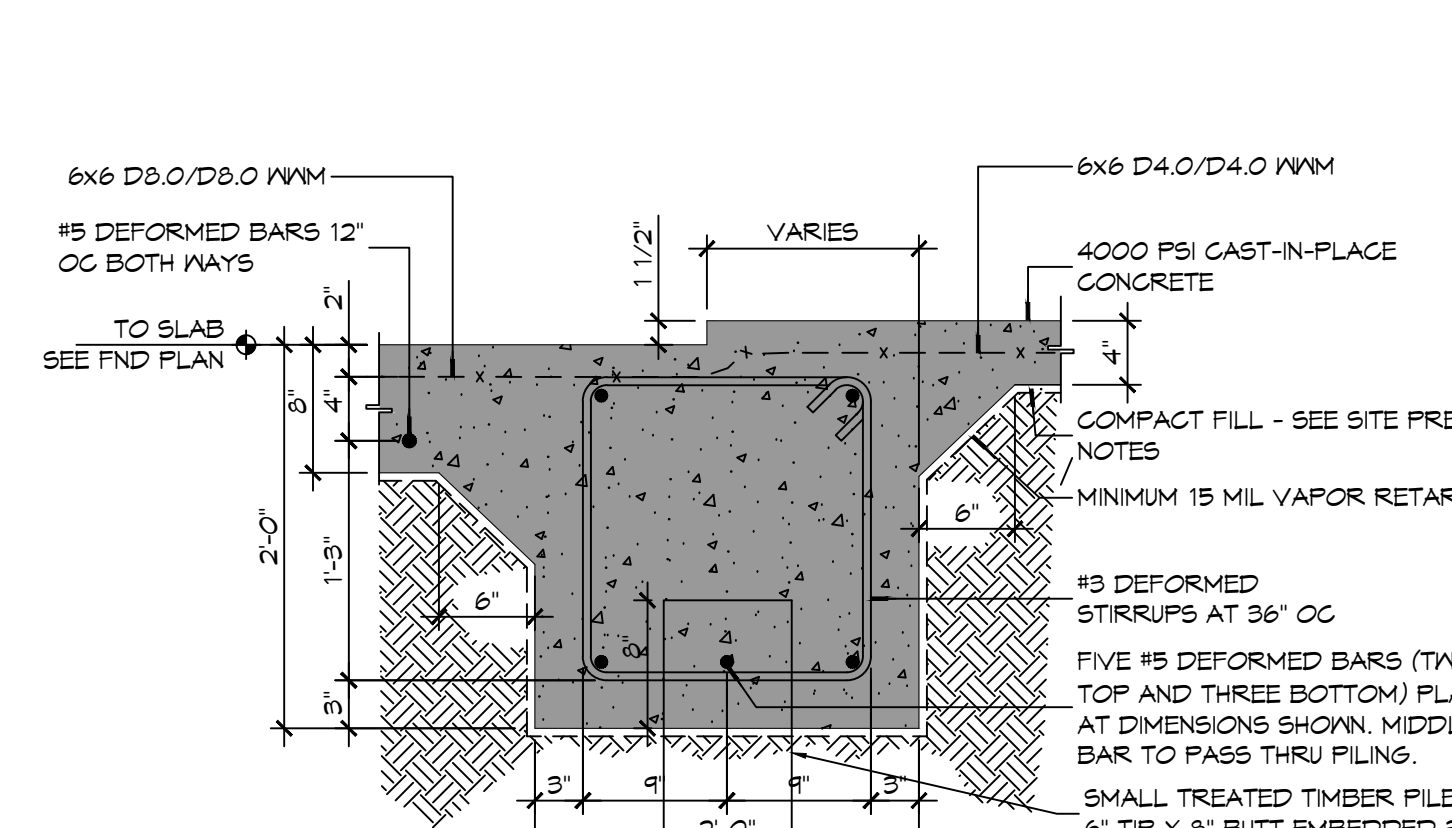
### q FOUNDATION DETAIL

550115101 SCALE: 1" = 1'-0"



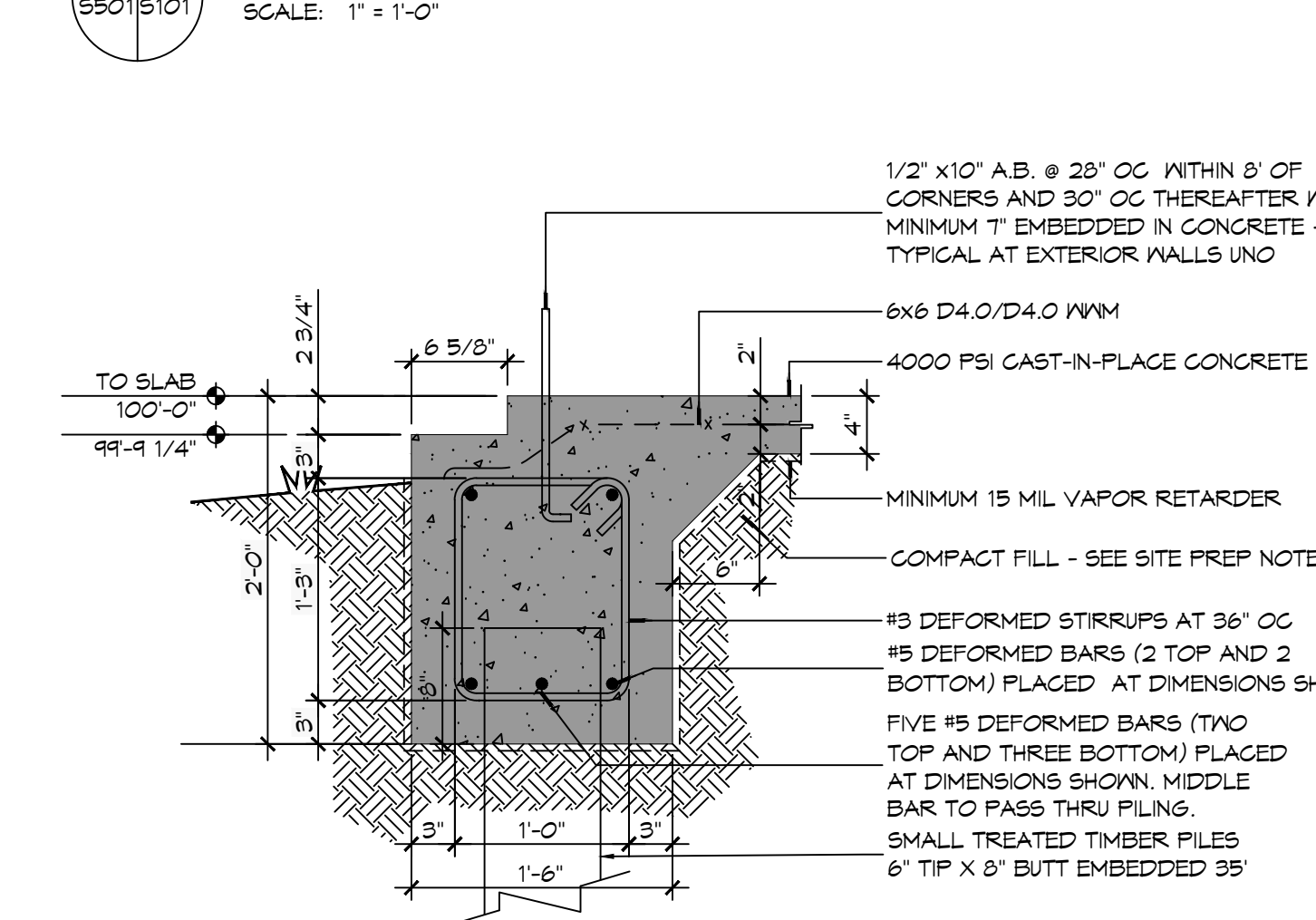
### 5 FOUNDATION DETAIL

550115101 SCALE: 1" = 1'-0"



### 1 FOUNDATION DETAIL

550115101 SCALE: 1" = 1'-0"



## GENERAL FOUNDATION NOTES

- CONCRETE REINFORCING STEEL SHALL CONFORM TO THE REQUIREMENTS OF ASTM A605, GRADE 60. REINFORCING TO BE WELDED SHALL CONFORM TO THE REQUIREMENTS OF ASTM A706, GRADE 60, UNLESS NOTED OTHERWISE.
- FABRICATION OF REINFORCING STEEL SHALL BE IN ACCORDANCE WITH THE DETAILS OF AC308-R1, "DETAILING OF CONCRETE REINFORCEMENT".
- CORNER BARS SHALL BE PROVIDED AT ALL CORNERS AND INTERSECTIONS OF CONCRETE BEAMS, GRADE BEAMS, WALLS, AND STEM WALLS.
- UNLESS NOTED OTHERWISE, CONCRETE COVER SHALL CONFORM TO THE MINIMUMS REQUIRED BY AC308-R1.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE STABILITY OF THE STRUCTURE DURING CONSTRUCTION.
- WORK NOT INDICATED AS PART OF THE DRAWINGS BUT REASONABLY IMPLIED TO BE SIMILAR TO THAT A CORRESPONDING PLACES SHALL BE REPEATED.
- ALL EXCAVATIONS FOR FOOTINGS OR PILE CAPS SHALL BE MADE TO GRADES SHOWN. CONTRACTOR SHALL TAKE MEASURES TO PREVENT CAVE-IN OF THE FOOTING EXCAVATION. THESE MEASURES MAY INCLUDE CUTTING BACK THE SIDE SLOPES AND/OR THE USE OF SIDE FORMS.

# DAMMON ENGINEERING, INC.

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

2145 LAKESHORE VISTA BLVD  
SLIDELL, LA 70681

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

SHEET TITLE:  
FOUNDATION DETAILS

DRAWING NUMBER:  
**5501**

SHEET No: 15 of 37



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

| CONNECTION                     | FRAMING SPACING (INCHES) | ROOF SPAN (FEET) | UPLIFT | LATERAL | SHEAR | NUMBER OF 8d COMMON NAILS OR 10d BOX NAILS IN EACH END OF 1-1/4"x20 GAGE STRAP |
|--------------------------------|--------------------------|------------------|--------|---------|-------|--|
| ROOF ASSEMBLY TO WALL ASSEMBLY | 16" OC                   | 16               | 401    | 292     | 152R  | 4  |
| WALL ASSEMBLY TO FOUNDATION    | 16" OC                   | 16               | 224    | 219     | 436   | 4  |

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

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

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

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

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

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

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

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

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

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

|   |    | ROOF LIVE LOAD 20 PSF         |      |    |      | ROOF LIVE LOAD 30 PSF |      |    |      |
|---|----|-------------------------------|------|----|------|-----------------------|------|----|------|
|   |    | 3"                            | 4.5" | 5" | 6.5" | 3"                    | 4.5" | 5" | 6.5" |
|   |    | NUMBER OF JACK STUDS REQUIRED |      |    |      |                       |      |    |      |
| ROOF AND CEILING                            | 2  | 1                             | 1    | 1  | 1    | 1                     | 1    | 1  | 1    |
|   | 4  | 1                             | 1    | 1  | 1    | 1                     | 1    | 1  | 1    |
|   | 6  | 2                             | 1    | 1  | 1    | 2                     | 1    | 1  | 1    |
|   | 8  | 2                             | 2    | 2  | 1    | 2                     | 2    | 2  | 1    |
|   | 10 | 3                             | 2    | 2  | 2    | 3                     | 2    | 2  | 2    |
|   | 12 | 3                             | 2    | 2  | 2    | 3                     | 2    | 2  | 2    |
| ROOF, CEILING, AND ONE CENTER BEARING FLOOR | 2  | 1                             | 1    | 1  | 1    | 1                     | 1    | 1  | 1    |
|   | 4  | 2                             | 1    | 1  | 1    | 2                     | 1    | 1  | 1    |
|   | 6  | 2                             | 2    | 2  | 1    | 3                     | 2    | 2  | 2    |
|   | 8  | 3                             | 2    | 2  | 2    | 3                     | 2    | 2  | 2    |
|   | 10 | 4                             | 3    | 2  | 2    | 4                     | 3    | 3  | 2    |
|   | 12 | 4                             | 3    | 3  | 2    | 5                     | 3    | 3  | 3    |
| ROOF AND CEILING                            | 2  | 1                             | 1    | 1  | 1    | 1                     | 1    | 1  | 1    |
|   | 4  | 1                             | 1    | 1  | 1    | 1                     | 1    | 1  | 1    |
|   | 6  | 2                             | 1    | 1  | 1    | 2                     | 1    | 1  | 1    |
|   | 8  | 2                             | 2    | 2  | 1    | 3                     | 2    | 2  | 2    |
|   | 10 | 3                             | 2    | 2  | 2    | 4                     | 3    | 2  | 2    |
|   | 12 | 4                             | 3    | 3  | 2    | 5                     | 3    | 3  | 3    |

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

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

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

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

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

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

| 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-5.1 c.i.              |
| METAL BUILDING                 | U-0.113          | R-13.0                  |
| STEEL-FRAMED                   | U-0.124          | R-13.0                  |
| WOOD-FRAMED AND OTHER          | U-0.089          | R-13.0                  |
| FLOORS                         |                  |                         |
| MASS                           | U-0.107          | R-3 c.i.                |
| STEEL JOIST                    | U-0.052          | R-19.0                  |
| WOOD FRAMED AND OTHER          | U-0.051          | R-19.0                  |
| SLAB-ON-GRADE                  |                  |                         |
| UN-HEATED                      | F-0.730          | NR                      |
| OPAQUE DOORS                   |                  |                         |
| SWINGING                       | U-0.700          | NR                      |
| NON-SWINGING                   | U-1.450          | NR                      |

**ROOF UNDERLAYMENT NOTES**

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

**SHINGLE APPLICATION & FASTENING NOTES**

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

**DESIGN CRITERIA**

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

| # | DESCRIPTION | DATE |
|---|-------------|------|
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**GENERAL UPLIFT CONNECTION NOTES**

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

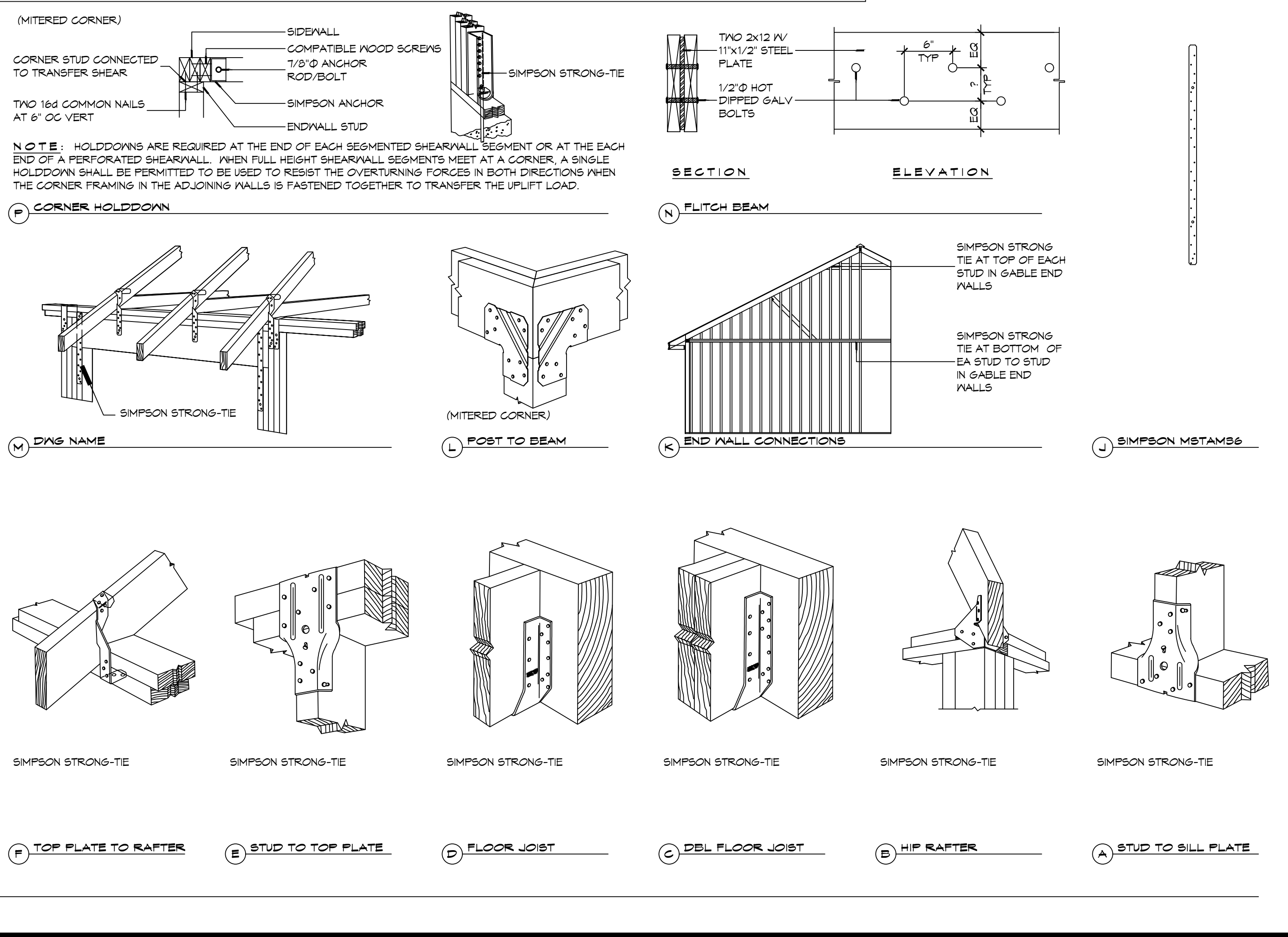
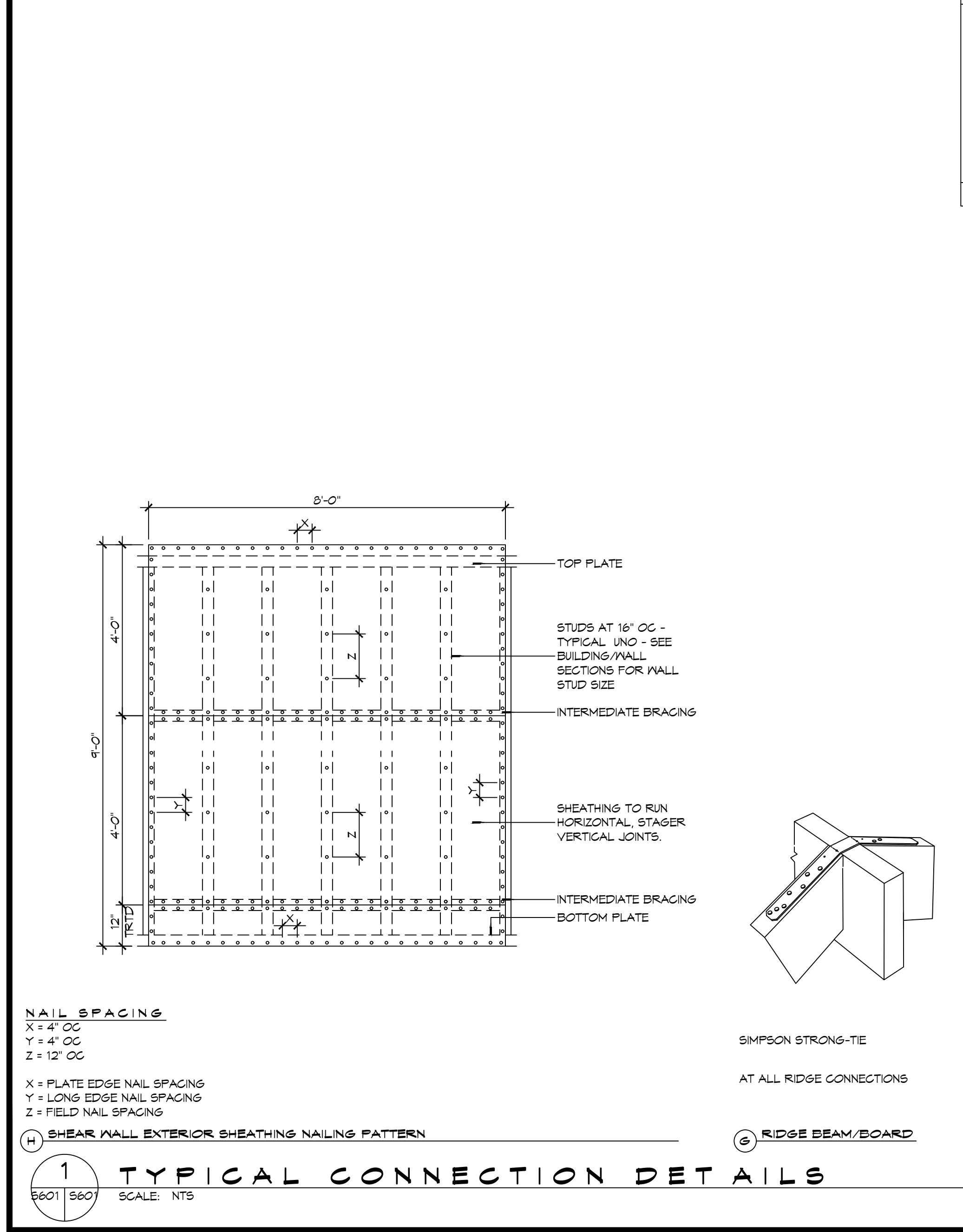
**WALL ASSEMBLY TO WALL ASSEMBLY:**  
STORY TO STORY UPLIFT CONNECTIONS FROM UPPER STORY WALL STUD TO LOWER STORY WALL STUD. WHEN UPPER STORY WALL STUDS ARE NOT LOCATED DIRECTLY ABOVE LOWER WALL STUDS, THE STUDS SHALL BE ATTACHED TO A COMMON MEMBER IN THE FLOOR ASSEMBLY BY UPLIFT CONNECTIONS. UPLIFT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

**WALL ASSEMBLY TO FOUNDATION:**  
FIRST FLOOR WALL STUDS SHALL BE CONNECTED TO THE FOUNDATION, SILL PLATE, OR BOTTOM PLATE. A MINIMUM OF A 1-1/4" x 20 GA. ASTM A653 GRADE 33 STEEL STRAP SHALL BE NAILED TO THE WALL STUDS AND HAVE A MINIMUM EMBEDMENT OF 7 INCHES IN CONCRETE FOUNDATIONS AND SLABS-ON-GRADE, 15 INCHES IN MASONRY BLOCK FOUNDATIONS, OR BE LAPPED UNDER THE BOTTOM PLATE. 3 INCH SQUARE WASHERS SHALL BE USED ON THE ANCHOR BOLTS AND ANCHOR BOLT SPACINGS SHALL NOT EXCEED THE REQUIREMENTS. STEEL STRAPS EMBEDDED IN OR IN CONTACT WITH SLAB-ON-GRADE OR MASONRY BLOCK FOUNDATIONS SHALL BE HOT-DIPPED GALV. AFTER FABRICATION, OR MANUF. FROM G185 OR Z450 GALV. STL. CONNECTIONS SHALL BE IN ACCORDANCE WITH TABLE S601.12.

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

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

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



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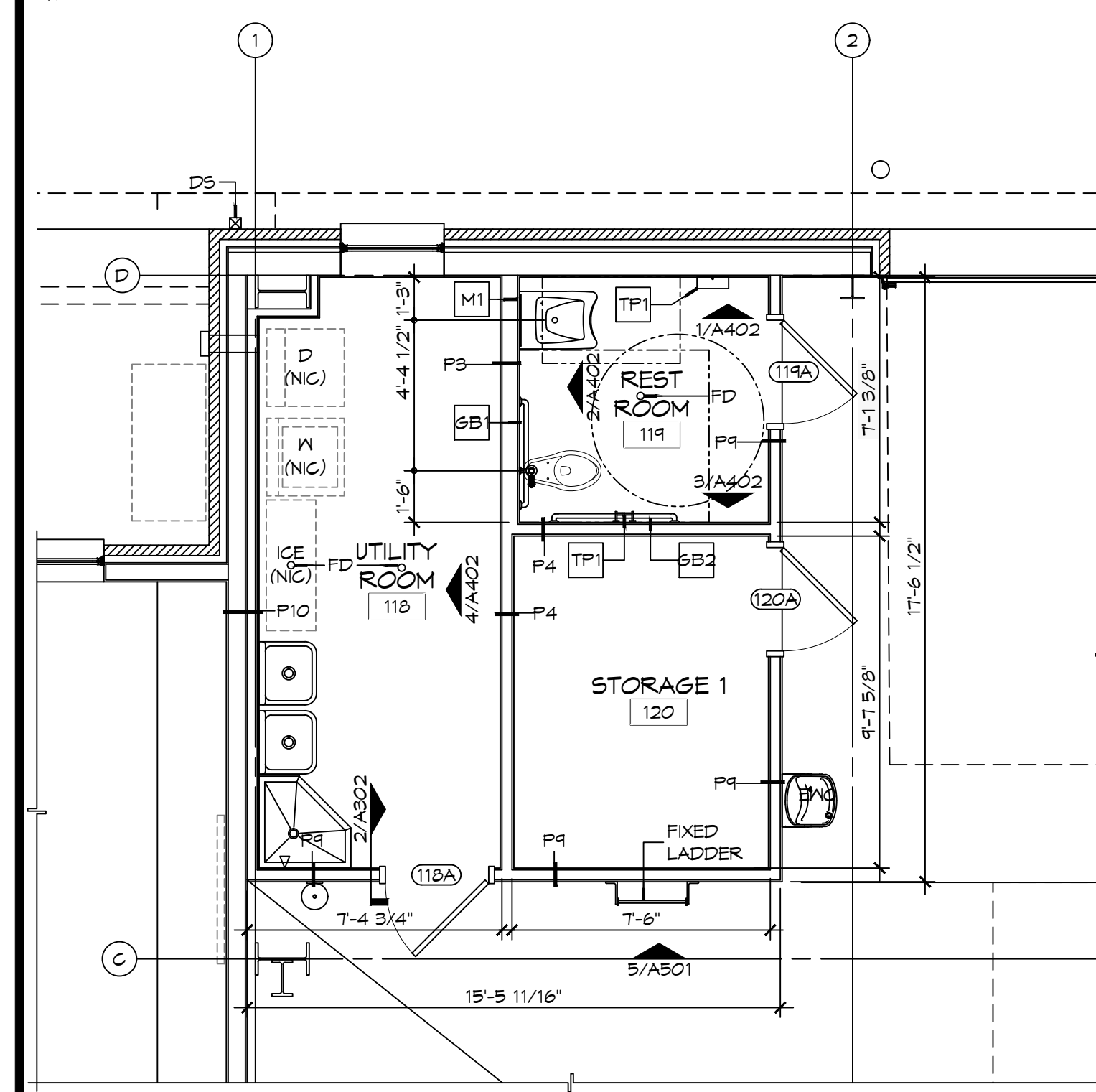
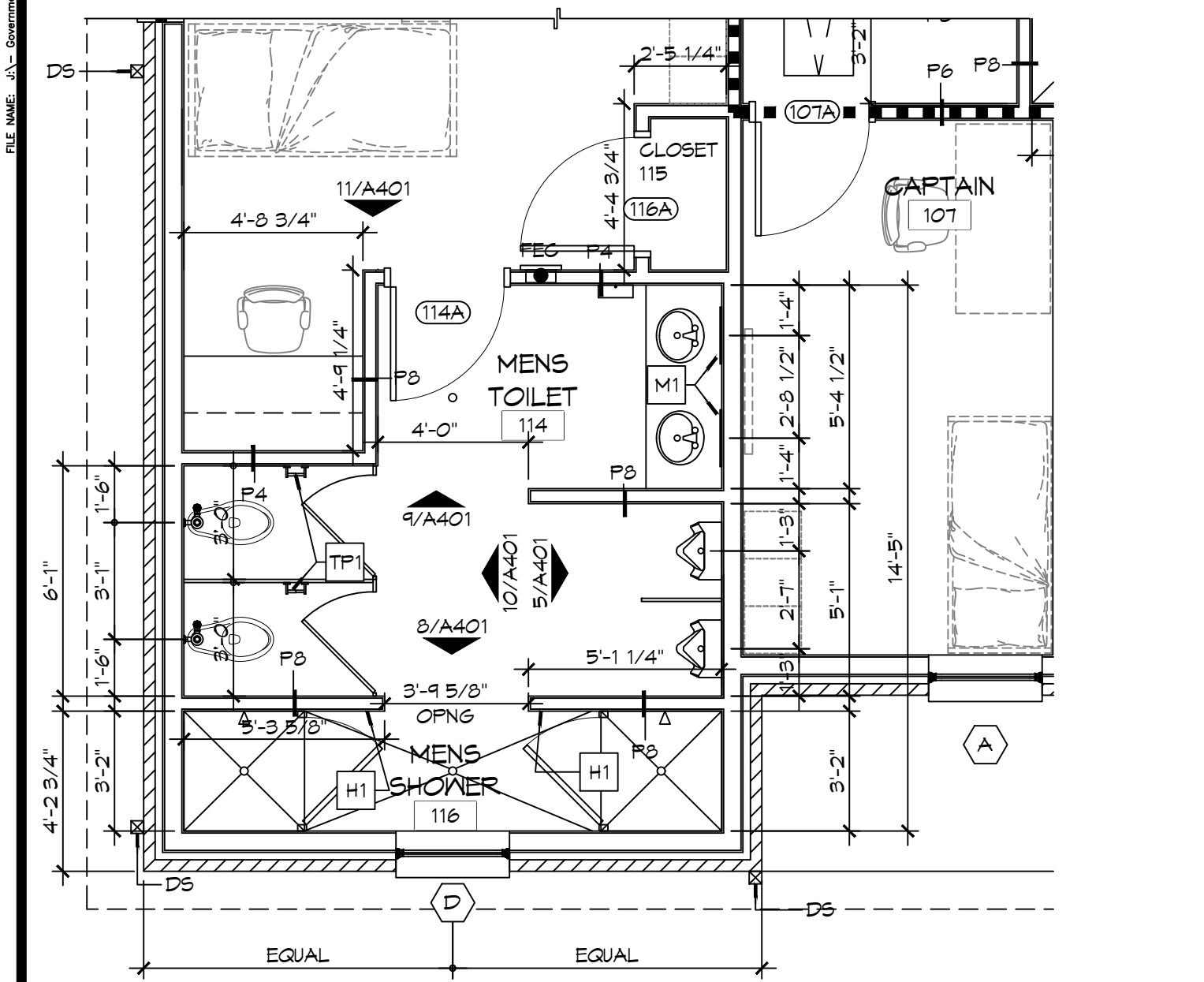
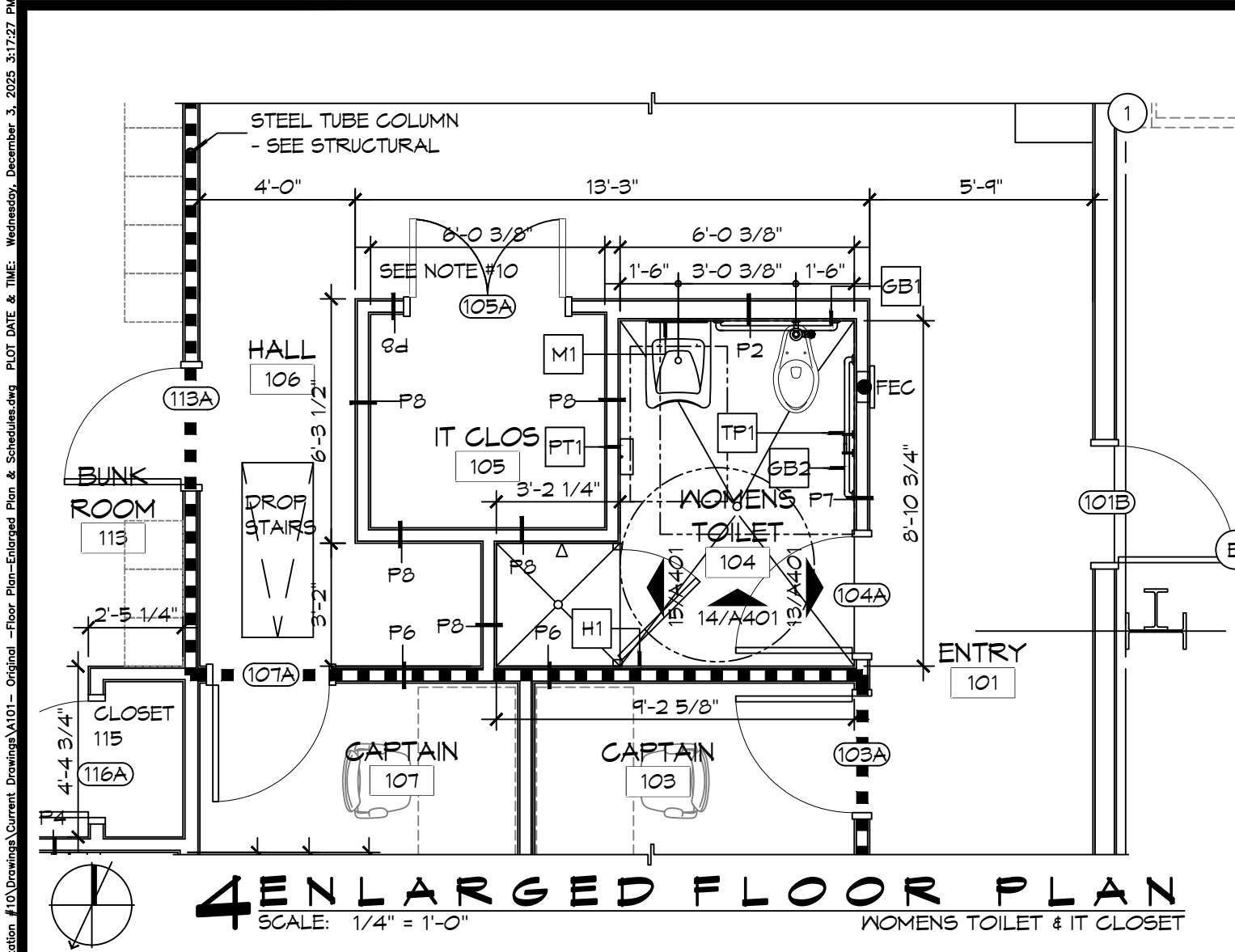
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**NEW FIRE STATION #10  
ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1**

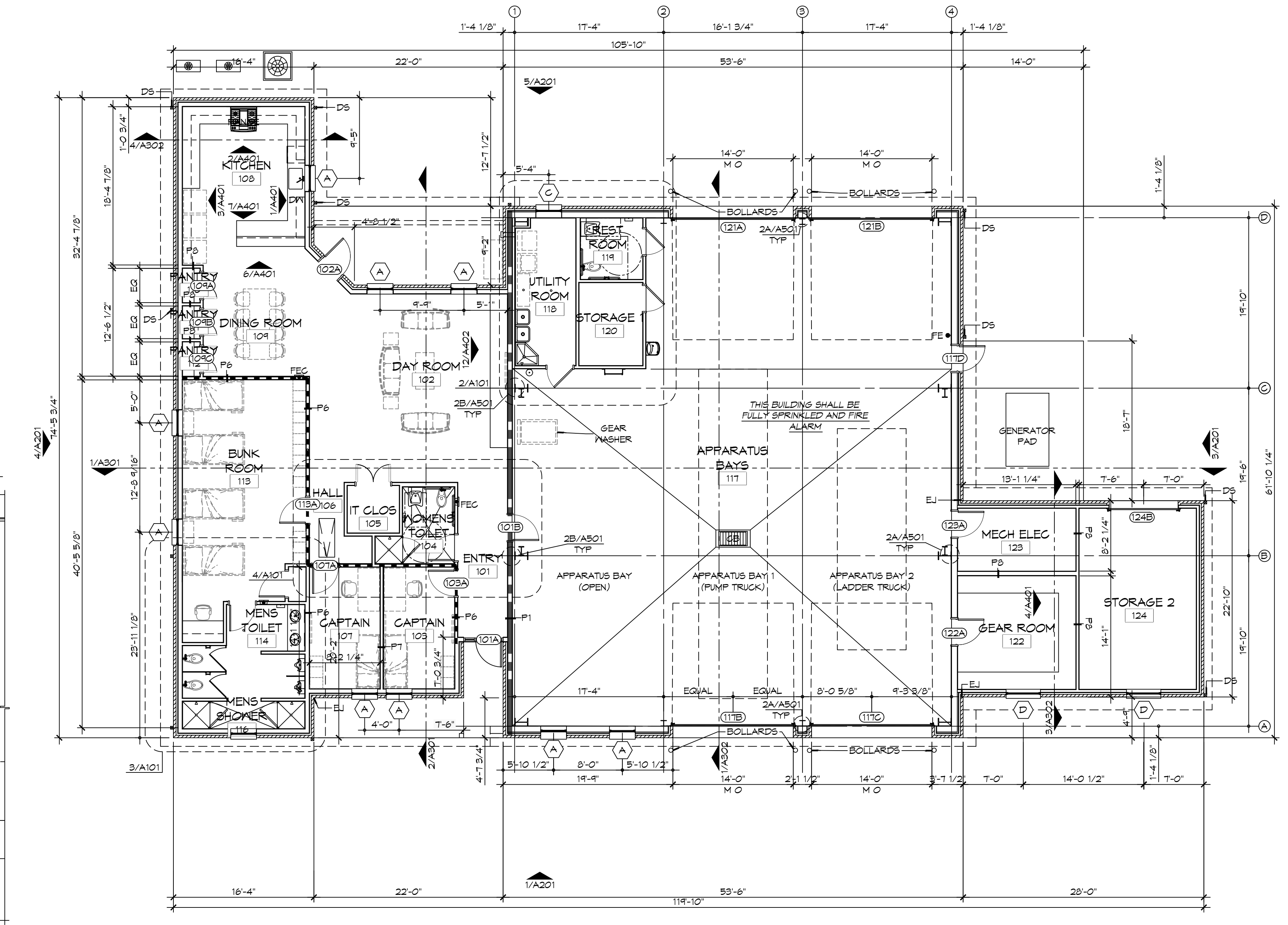
2148 LAKESHORE VISTA BLVD  
SLIDELL, LA 70461  
JOB NO: 2519 DATE: 12-05-2025  
DRAWN BY: CKD CHECKED BY: BAY

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



### FINISH SCHEDULE

| ROOM            | RM # | FLOOR        | BASE            | WALLS           |                 |                 |                 | CEILING         | NOTES   |
|-----------------|------|--------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|---|
|                 |      |              |                 | NORTH           | EAST            | SOUTH           | WEST            |                 |   |
| ENTRY           | 101  | CERAMIC TILE | 5" RUBBER       | 5/8" GNB        | 5/8" GNB        | 5/8" GNB        | 5/8" GNB        | 5/8" GNB        | 3" X 6" CERAMIC TILE SD15, GROUT 66 CHESTNUT, 5" RUBBER BASE 170 PEPPER |
| DAY ROOM        | 102  | CERAMIC TILE | 5" RUBBER       | 5/8" GNB        | 5/8" GNB        | 5/8" GNB        | 5/8" GNB        | 5/8" GNB        | 3" X 6" CERAMIC TILE SD15, GROUT 66 CHESTNUT, 5" RUBBER BASE 170 PEPPER |
| CAPTAIN         | 103  | CERAMIC TILE | 5" RUBBER       | 5/8" GNB        | 5/8" GNB        | 5/8" GNB        | 5/8" GNB        | 5/8" GNB        | 3" X 6" CERAMIC TILE SD15, GROUT 66 CHESTNUT, 5" RUBBER BASE 170 PEPPER |
| WOMENS TOILET   | 104  | CERAMIC TILE | 5" RUBBER       | 5/8" MR GNB     | 5/8" MR GNB     | 5/8" MR GNB     | 5/8" MR GNB     | 5/8" MR GNB     | 3" X 6" CERAMIC TILE SD15, GROUT 66 CHESTNUT, 5" RUBBER BASE 170 PEPPER |
| IT CLOSET       | 105  | CERAMIC TILE | 5" RUBBER       | 5/8" GNB        | 5/8" GNB        | 5/8" GNB        | 5/8" GNB        | 5/8" GNB        | 3" X 6" CERAMIC TILE SD15, GROUT 66 CHESTNUT, 5" RUBBER BASE 170 PEPPER |
| HALL            | 106  | CERAMIC TILE | 5" RUBBER       | 5/8" GNB        | 5/8" GNB        | 5/8" GNB        | 5/8" GNB        | 5/8" GNB        | 3" X 6" CERAMIC TILE SD15, GROUT 66 CHESTNUT, 5" RUBBER BASE 170 PEPPER |
| CAPTAIN         | 107  | CERAMIC TILE | 5" RUBBER       | 5/8" GNB        | 5/8" GNB        | 5/8" GNB        | 5/8" GNB        | 5/8" GNB        | 3" X 6" CERAMIC TILE SD15, GROUT 66 CHESTNUT, 5" RUBBER BASE 170 PEPPER |
| KITCHEN         | 108  | CERAMIC TILE | 5" RUBBER       | 5/8" GNB        | 5/8" GNB        | 5/8" GNB        | 5/8" GNB        | 5/8" GNB        | 3" X 6" CERAMIC TILE SD15, GROUT 66 CHESTNUT, 5" RUBBER BASE 170 PEPPER |
| DINING ROOM     | 109  | CERAMIC TILE | 5" RUBBER       | 5/8" GNB        | 5/8" GNB        | 5/8" GNB        | 5/8" GNB        | 5/8" GNB        | 3" X 6" CERAMIC TILE SD15, GROUT 66 CHESTNUT, 5" RUBBER BASE 170 PEPPER |
| PANTRY          | 110  | CERAMIC TILE | 5" RUBBER       | 5/8" GNB        | 5/8" GNB        | 5/8" GNB        | 5/8" GNB        | 5/8" GNB        | 3" X 6" CERAMIC TILE SD15, GROUT 66 CHESTNUT, 5" RUBBER BASE 170 PEPPER |
| PANTRY          | 111  | CERAMIC TILE | 5" RUBBER       | 5/8" GNB        | 5/8" GNB        | 5/8" GNB        | 5/8" GNB        | 5/8" GNB        | 3" X 6" CERAMIC TILE SD15, GROUT 66 CHESTNUT, 5" RUBBER BASE 170 PEPPER |
| PANTRY          | 112  | CERAMIC TILE | 5" RUBBER       | 5/8" GNB        | 5/8" GNB        | 5/8" GNB        | 5/8" GNB        | 5/8" GNB        | 3" X 6" CERAMIC TILE SD15, GROUT 66 CHESTNUT, 5" RUBBER BASE 170 PEPPER |
| BUNK ROOM       | 113  | CERAMIC TILE | 5" RUBBER       | 5/8" GNB        | 5/8" GNB        | 5/8" GNB        | 5/8" GNB        | 5/8" GNB        | 3" X 6" CERAMIC TILE SD15, GROUT 66 CHESTNUT, 5" RUBBER BASE 170 PEPPER |
| MENS TOILET     | 114  | CERAMIC TILE | 5" RUBBER       | 5/8" MR GNB     | 5/8" MR GNB     | 5/8" MR GNB     | 5/8" MR GNB     | 5/8" MR GNB     | 3" X 6" CERAMIC TILE SD15, GROUT 66 CHESTNUT, 5" RUBBER BASE 170 PEPPER |
| CLOSET          | 115  | CERAMIC TILE | 5" RUBBER       | 5/8" MR GNB     | 5/8" MR GNB     | 5/8" MR GNB     | 5/8" MR GNB     | 5/8" MR GNB     | 3" X 6" CERAMIC TILE SD15, GROUT 66 CHESTNUT, 5" RUBBER BASE 170 PEPPER |
| MENS SHOWER     | 116  | CERAMIC TILE | 5" RUBBER       | 5/8" MR GNB     | 5/8" MR GNB     | 5/8" MR GNB     | 5/8" MR GNB     | 5/8" MR GNB     | 3" X 6" CERAMIC TILE SD15, GROUT 66 CHESTNUT, 5" RUBBER BASE 170 PEPPER |
| APPARATUS BAYS  | 117  | EPOXY        | 6" CEMENTITIOUS | MTL LINER PANEL | MTL LINER PANEL | MTL LINER PANEL | MTL LINER PANEL | MTL LINER PANEL |   |
| UTILITY ROOM    | 118  | EPOXY        | 5" RUBBER       | 5/8" MR GNB     | 5/8" MR GNB     | 5/8" MR GNB     | 5/8" MR GNB     | 5/8" MR GNB     | 5" RUBBER BASE 170 PEPPER   |
| RESTROOM        | 119  | EPOXY        | TILE            | 5/8" MR GNB     | 5/8" MR GNB     | 5/8" MR GNB     | 5/8" MR GNB     | 5/8" MR GNB     | 5" RUBBER BASE 170 PEPPER   |
| STORAGE 1       | 120  | SEALED CONC  | 5" RUBBER       | 5/8" MR GNB     | 5/8" MR GNB     | 5/8" MR GNB     | 5/8" MR GNB     | 5/8" MR GNB     | 5" RUBBER BASE 170 PEPPER   |
| MAINTENANCE BAY | 121  | EPOXY        | 6" CEMENTITIOUS | MTL LINER PANEL | MTL LINER PANEL | MTL LINER PANEL | MTL LINER PANEL | MTL LINER PANEL |   |
| MECH/ELEC       | 122  | SEALED CONC  | 5" RUBBER       | 5/8" MR GNB     | 5/8" MR GNB     | 5/8" MR GNB     | 5/8" MR GNB     | 5/8" MR GNB     | 5" RUBBER BASE 170 PEPPER   |
| GEAR ROOM       | 123  | SEALED CONC  | 5" RUBBER       | 5/8" MR GNB     | 5/8" MR GNB     | 5/8" MR GNB     | 5/8" MR GNB     | 5/8" MR GNB     | 5" RUBBER BASE 170 PEPPER   |
| STORAGE 2       | 124  | SEALED CONC  | 5" RUBBER       | 5/8" MR GNB     | 5/8" MR GNB     | 5/8" MR GNB     | 5/8" MR GNB     | 5/8" MR GNB     | 5" RUBBER BASE 170 PEPPER   |



- ### GENERAL SHEET NOTES
- ALL DIMENSIONS ARE FACE-OF-WALL TO FACE-OF-WALL UNLESS NOTED OTHERWISE.
  - ALL PLUMBING FIXTURES, FURNITURE, AND APPLIANCES THAT ARE SHOWN AS GRAYED AND DASHED ARE TO BE OWNER PROVIDED AND NOT IN CONTRACT (NIC) AND ARE SHOWN FOR COORDINATION PURPOSES ONLY. CONTRACTOR TO VERIFY THOSE ITEMS OWNER FURNISHED AND CONTRACTOR INSTALLED (OFCI).
  - PROVIDE FIVE MELONINE-GLAD WOOD SHELVES IN CLOSET 115.
  - REFER TO PARTITION TYPES FOR PARTITION THICKNESS WHERE NOT SHOWN ON PLAN.
  - ALL MANUFACTURED ARTICLES, MATERIALS, AND EQUIPMENT SHALL BE CONDITIONED, USED APPLIED, INSTALLED, CONNECTED, ERECTED, AND CLEANED IN ACCORDANCE WITH THE MANUFACTURERS WRITTEN SPECIFICATIONS OR INSTRUCTIONS.
  - FOR ALL WOOD MEMBERS REQUIRED BY CODE TO BE FIRE RETARDANT TREATED, PROVIDE PRESSURE IMPREGNATION WITH FIRE RETARDANT CHEMICALS TO PROVIDE UL FR'S FIRE HAZARD CLASSIFICATION. ALL WOOD SHALL BE IDENTIFIED WITH A UL LABEL CERTIFYING THIS CLASSIFICATION AND FM DIAMOND.
  - GENERAL CONTRACTOR TO PROVIDE FIVE POUND "ABC" RATED FIRE EXTINGUISHER(S) AND/OR CABINET(S) WHERE SHOWN ON THESE PLANS.
  - ALL PENETRATIONS OF FIRE RESISTIVE FLOORS OR SHAFT WALLS SHALL BE PROTECTED BY MATERIALS AND INSTALLATION DETAILS THAT CONFORM TO UL STANDARDS FOR THROUGH PENETRATIONS FIRESTOP SYSTEMS. SEAL AROUND ALL PENETRATIONS (DUCTS, PIPES, CONDUITS, ETC) AT FIRE-RATED ASSEMBLIES. SEAL SHALL NOT DIMINISH RATING OF ASSEMBLY. AT CONCRETE OR MASONRY, SEAL OFF OPENINGS WITH CONCRETE GROUT. AT PLASTER OR DRYWALL, DAM UP GAPS AND FILL WITH UL APPROVED SEALANT OR PUTTY PER MANUFACTURERS RECOMMENDATIONS.
  - WRAP AROUND ALL ARCHITECTURAL, MECHANICAL, OR ELECTRICAL BOXES, RECESSED/PENETRATED INTO ANY FIRE-RATED WALLS WITH 5/8" TYPE "X" GYPSUM BOARD UNLESS WALL IS OF CONCRETE CONSTRUCTION.
  - PROVIDE 4x8x3/4" BC PLYWOOD ON THREE WALLS FOR ATTACHMENT OF IT EQUIPMENT IN IT CLOSET 105. INSTALL PLYWOOD PANELS VERTICALLY TIGHT TO FINISH CEILING.
  - NOT USED.
  - SEE PROJECT SPECIFICATIONS FOR TOILET ACCESSORY HARDWARE SCHEDULE.
  - SEE SHEET A201 FOR MASONRY EXPANSION JOINT LOCATIONS NOT SHOWN ON THIS SHEET.

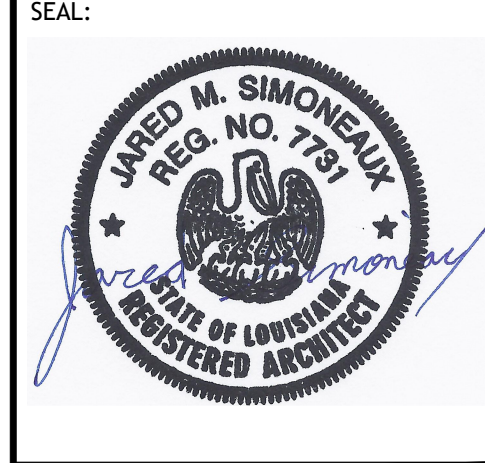


# DAMMON ENGINEERING, INC.

LOUISIANA & MISSISSIPPI

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Slidell, LA 70458  
www.dammonengineering.com  
info@dammonengineering.com  
PH: 985.649.5832

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

248 LAKESHORE VISTA BLVD  
SLIDELL, LA 70461

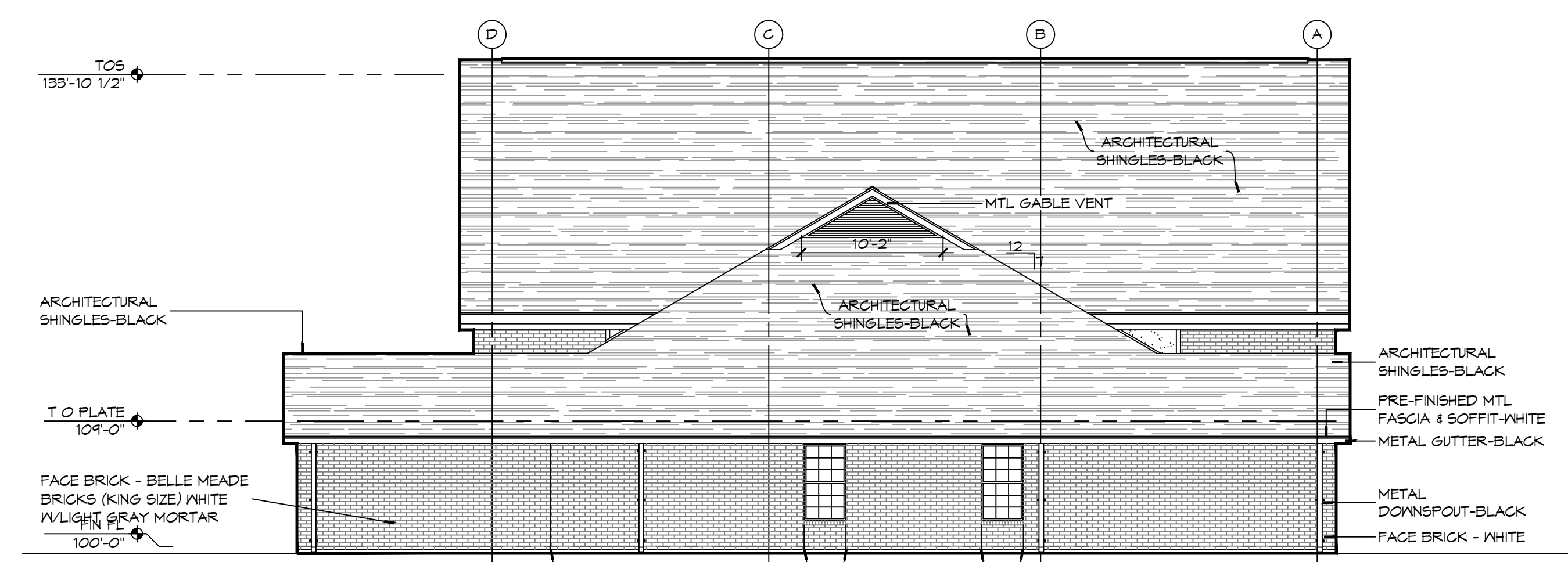
JMS  
DATE: 12-05-2025  
JOB NO: 2519  
DRAWN BY: GKD  
CHECKED BY: JMS

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

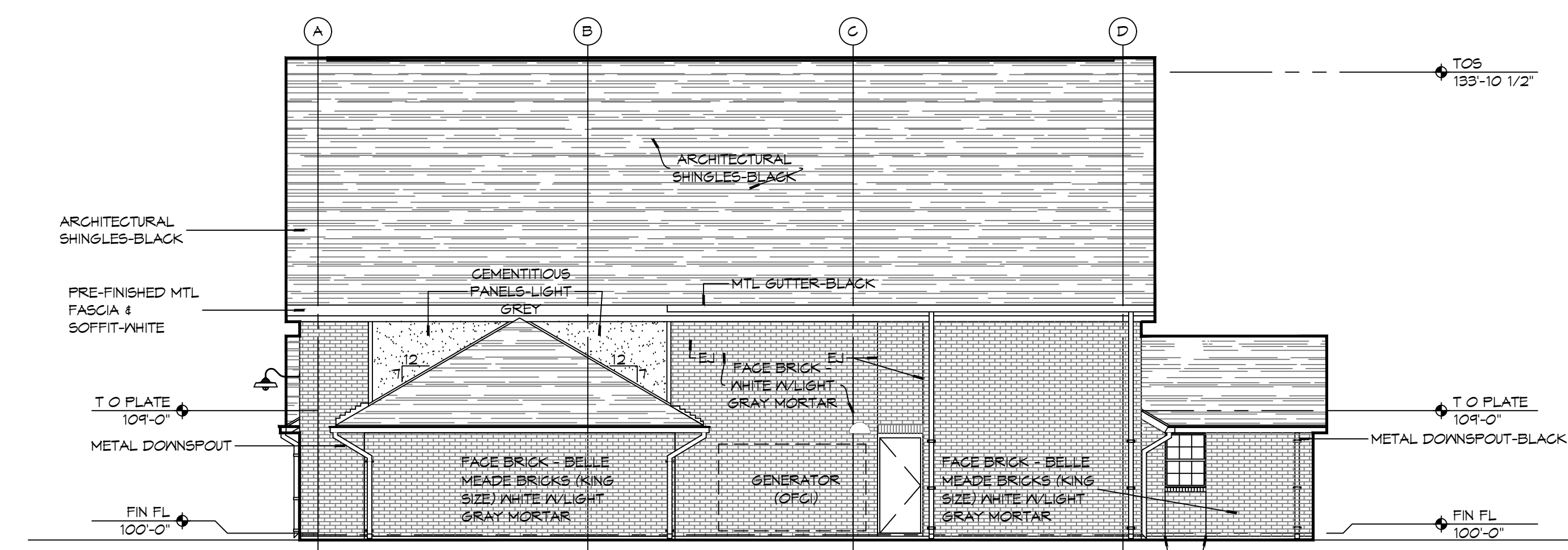
DRAWING NUMBER:  
**A101**

SHEET No: 10 of 37

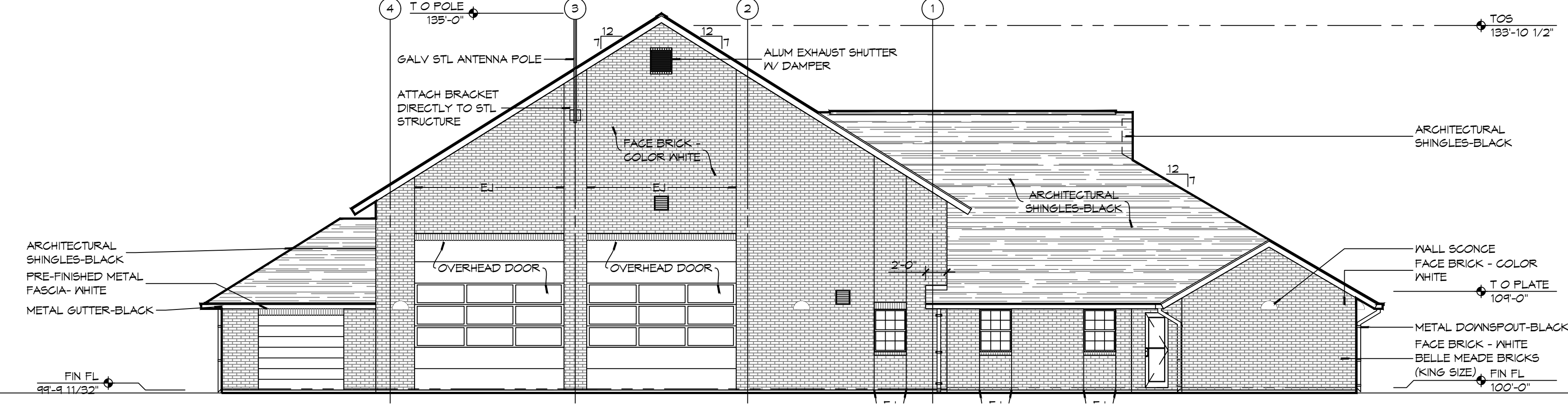




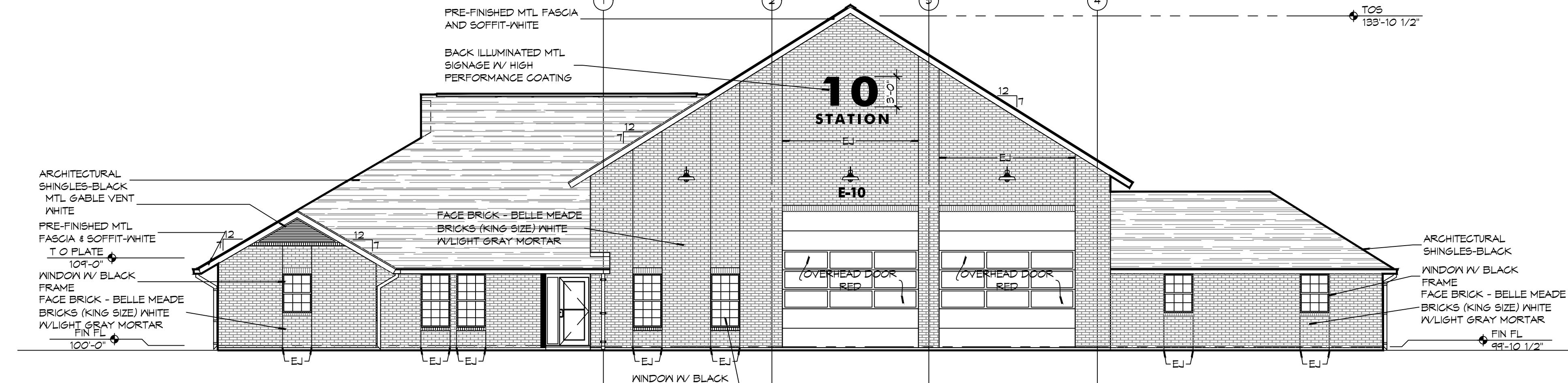
**4 EXTERIOR ELEVATION LEFT SIDE**  
SCALE: 1/8" = 1'-0" EAST



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



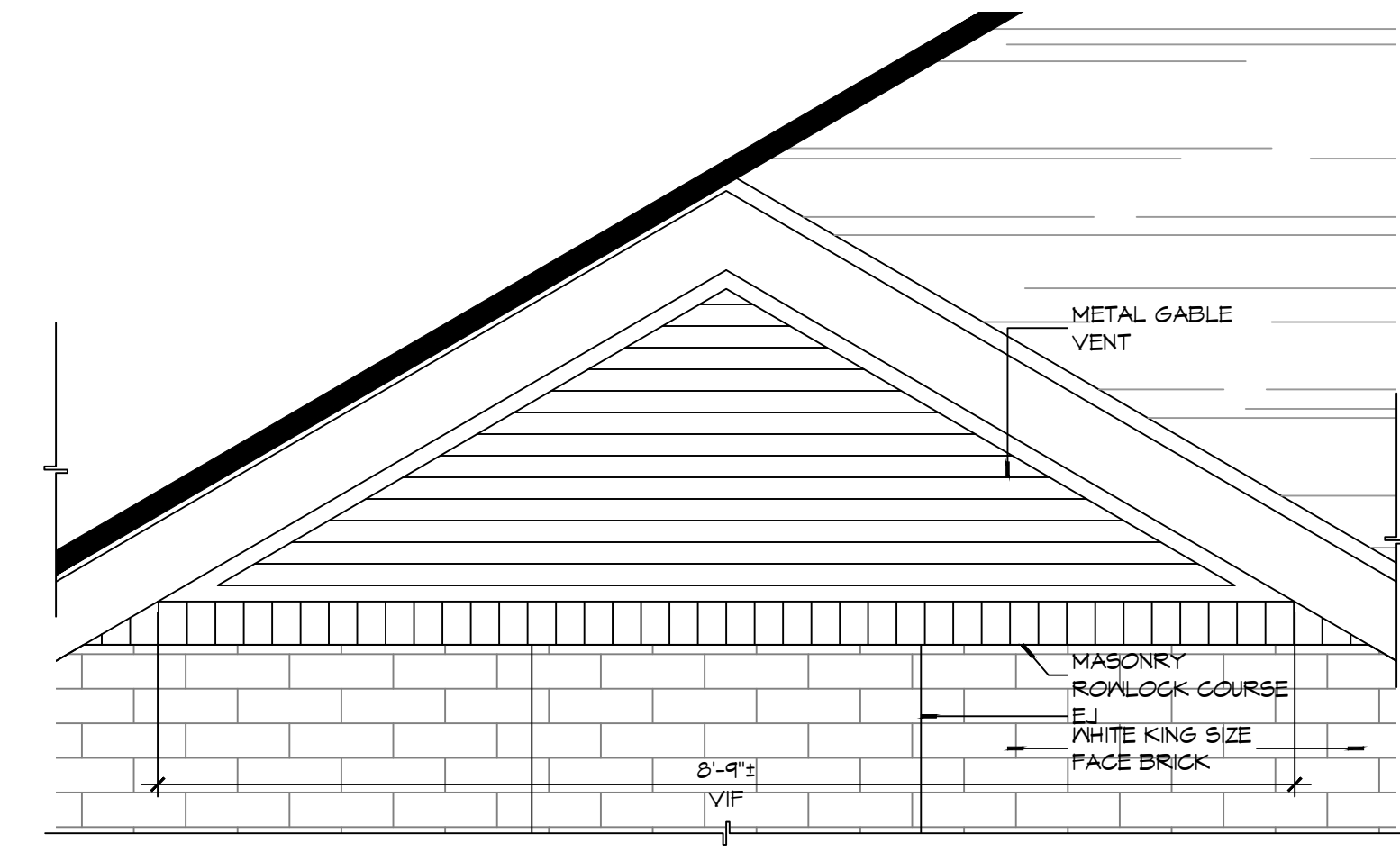
**2 EXTERIOR ELEVATION REAR SIDE**  
SCALE: 1/8" = 1'-0" EAST



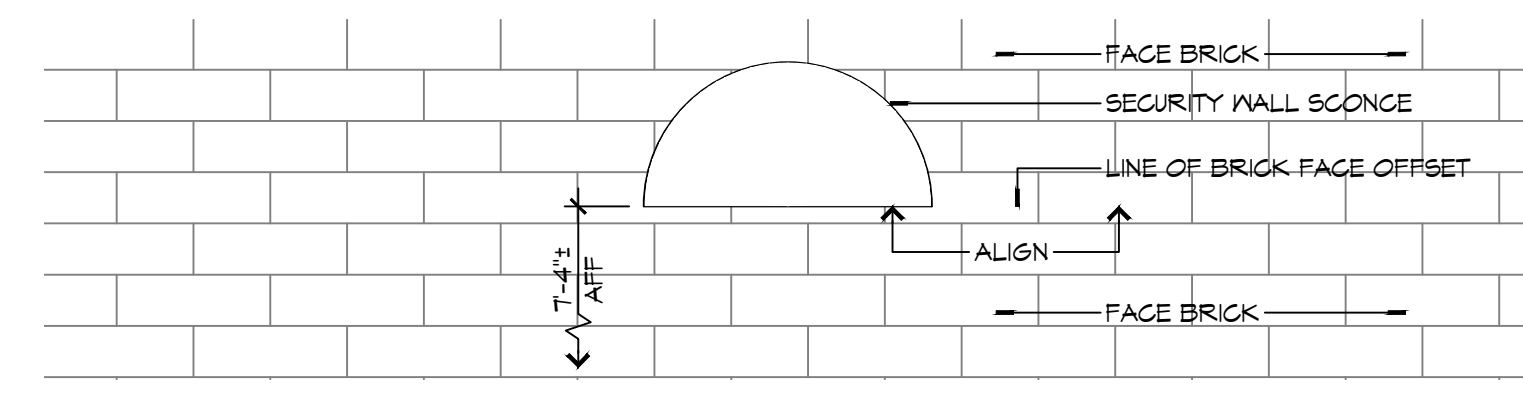
**1 EXTERIOR ELEVATION FRONT SIDE**  
SCALE: 1/8" = 1'-0" NORTH

**GENERAL ELEVATION NOTES**

1. REFER TO SHEET A101 FOR WINDOW TYPE ELEVATIONS.
2. WINDOW TYPES NOT INDICATED THIS SHEET ARE IDENTIFIED ON SHEET A501.
3. CONTRACTOR SHALL REVIEW LOCATIONS AND INTENT OF ALL MASONRY EXPANSION/CONTROL JOINTS WITH ARCHITECT PRIOR TO CONSTRUCTION. REFER TO ELEVATIONS FOR INDICATED JOINT LOCATIONS. LAY PINE STRAIN DOWN TO AVOID RAINWATER SPLASHING RED CLAY ONTO BRICK.
4. SEE S/AS01 FOR TYPICAL MASONRY EXPANSION JOINT DETAILS.
5. MASONRY DIMENSIONS ARE NOMINAL.
6. ALL FLASHING SHALL BE DONE IN STRICT ACCORDANCE WITH THE FLASHING MANUFACTURER'S PUBLISHED SPECIFICATIONS AND DETAILS. THIS TO INCLUDE AMOUNT OF OVERLAP AND INSTALLATION OF DRIP EDGES, IF REQUIRED.
7. LINE OF FINISH GRADE ON EXTERIOR ELEVATIONS IS APPROXIMATE AND ARE INTENDED FOR REFERENCE PURPOSES ONLY. REFER TO CIVIL GRADING PLAN FOR FINISH GRADE ELEVATIONS.
8. SEE SHEET A101 FOR EXPANSION JOINTS (EJ) IN HIDDEN LOCATIONS AND NOT SHOWN ON THIS SHEET.



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



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

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554 Old Spanish Trail  
Slidell, LA 70458

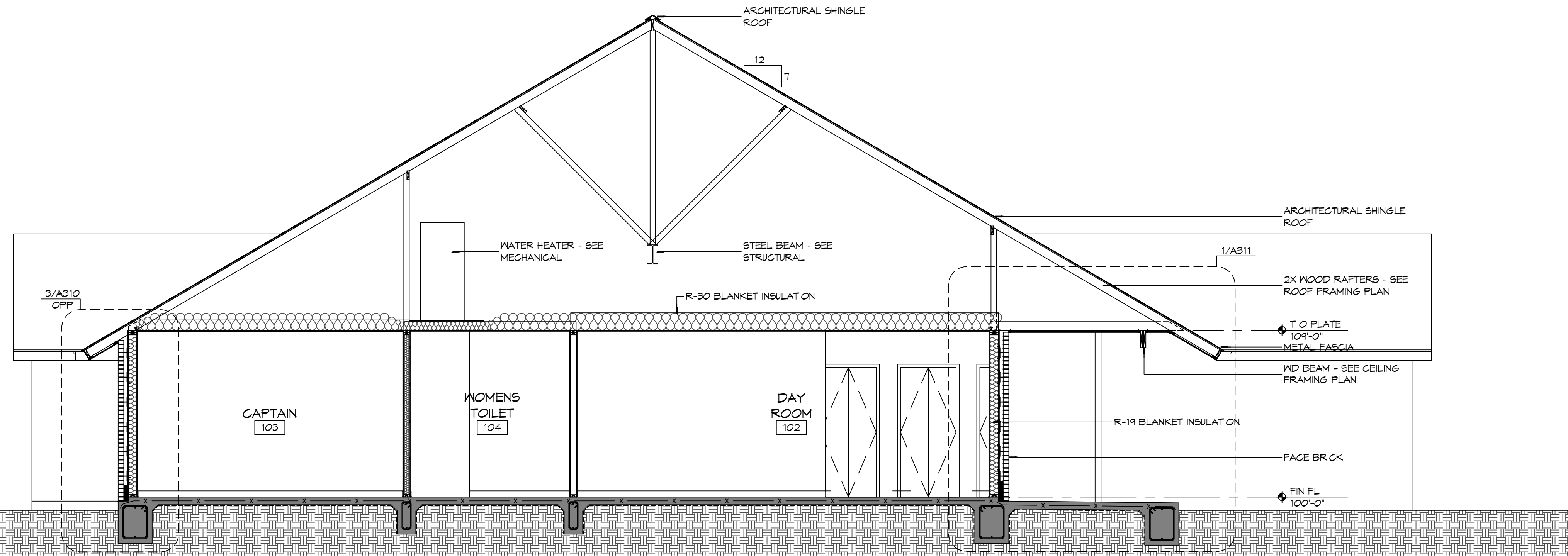
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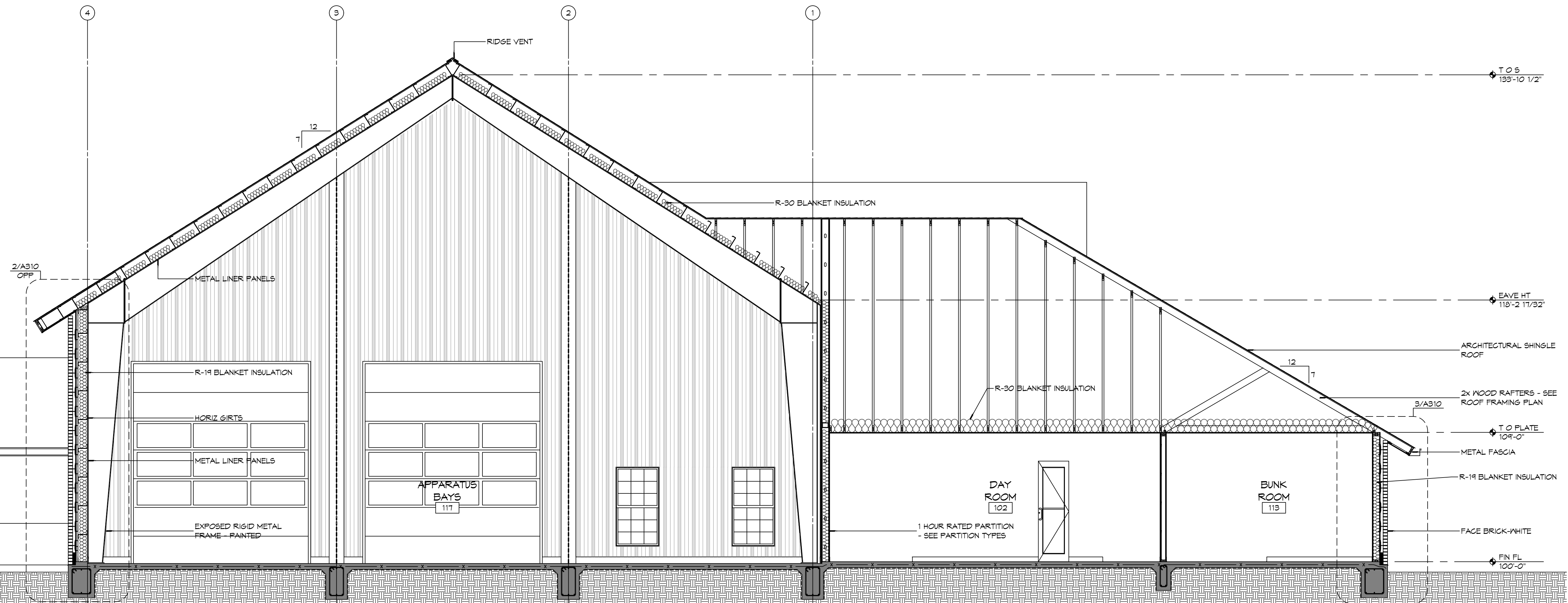
NEW FIRE STATION #10  
ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1  
248 LAKESHORE VISTA BLVD  
SLIDELL, LA 70461  
JOB No: 2519 DATE: 12-05-2025  
DRAWN BY: CKD CHECKED BY: JMS

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

DATE PLOTTED: 12/10/2025 10:10:10 AM PROJECT: 2519 - NEW FIRE STATION #10 - DISTRICT NO. 1



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



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

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

248 LAKESHORE VISTA BLVD  
SIBLEY, LA 70481

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

SHEET TITLE:  
BUILDING SECTIONS

DRAWING NUMBER:  
**A301**

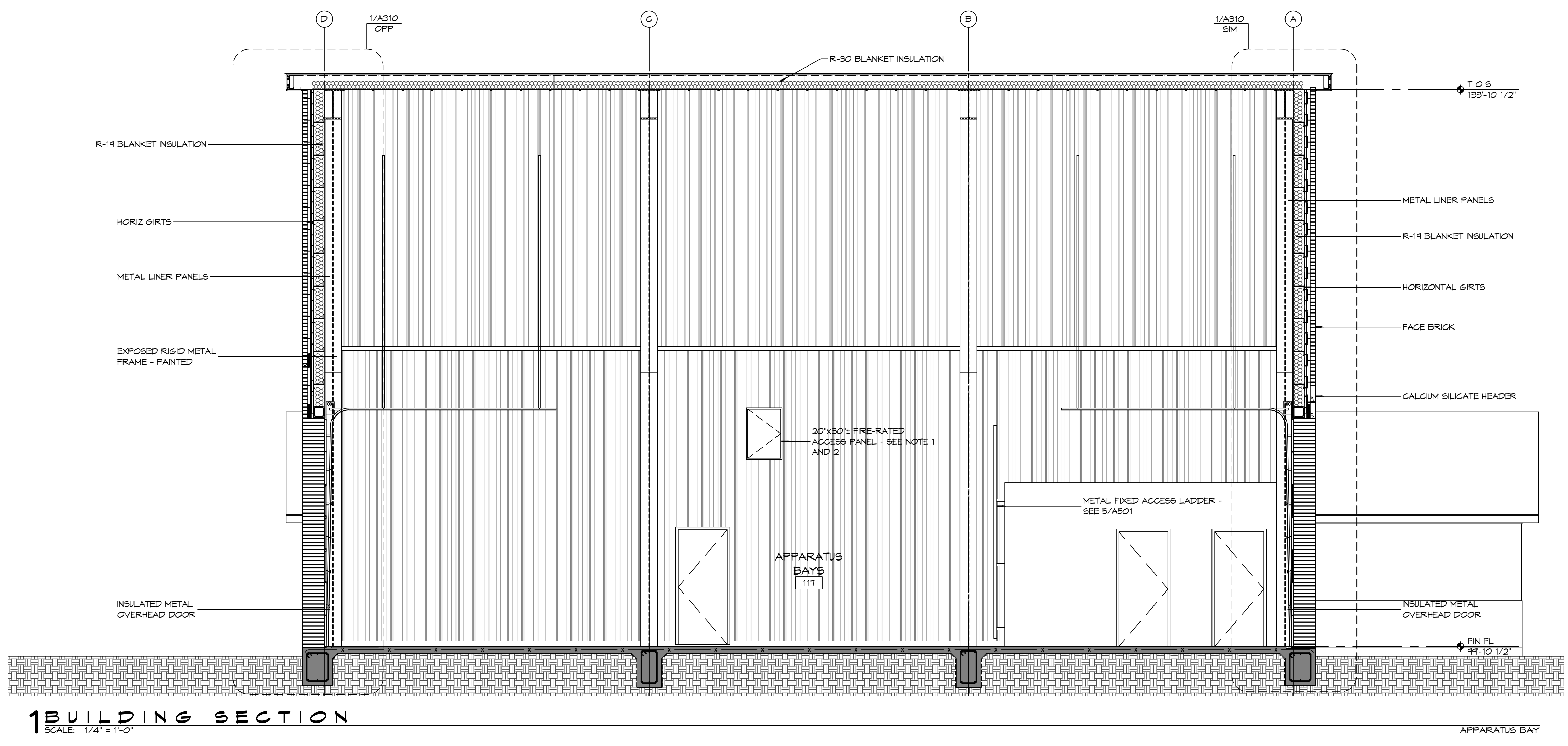
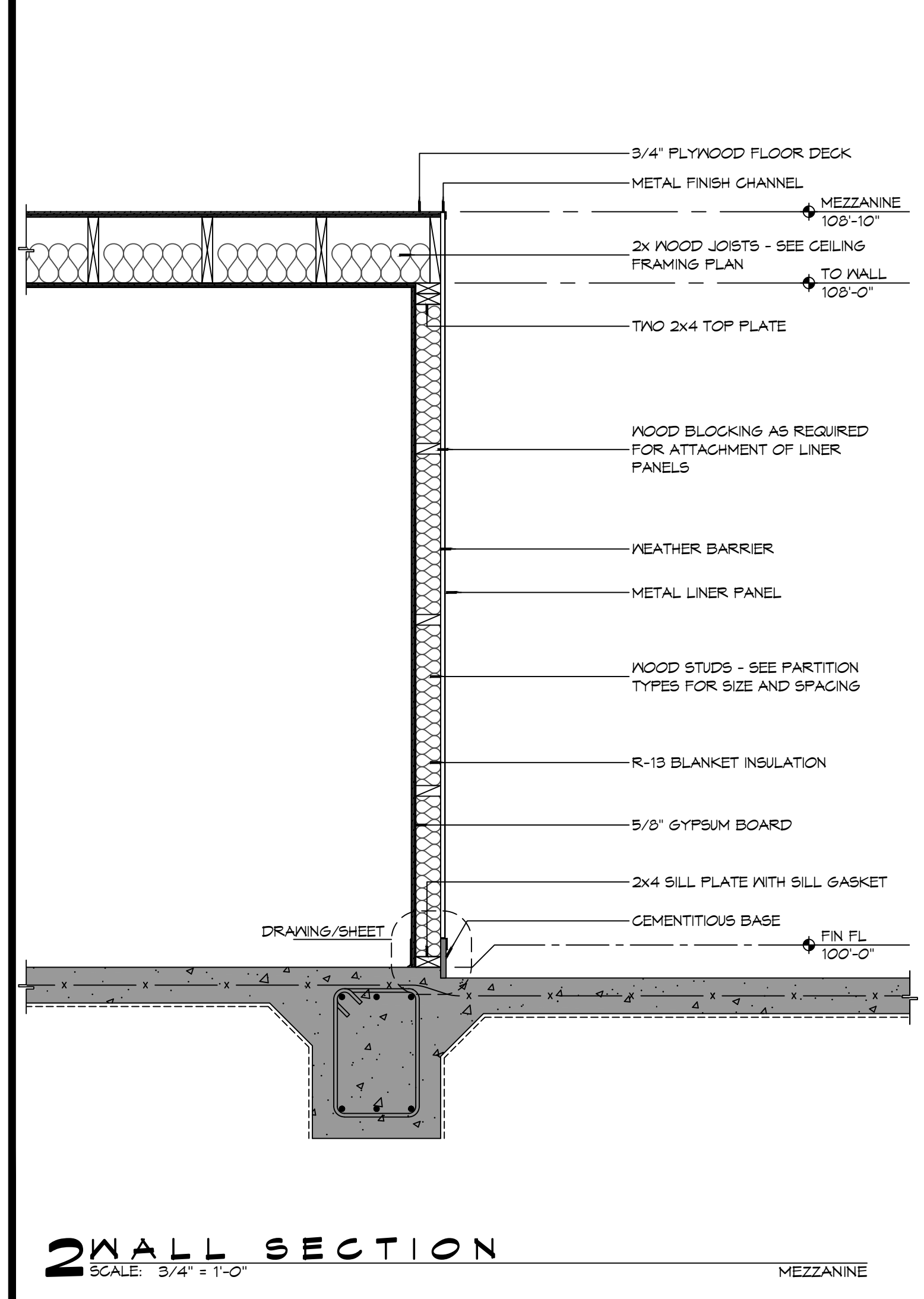
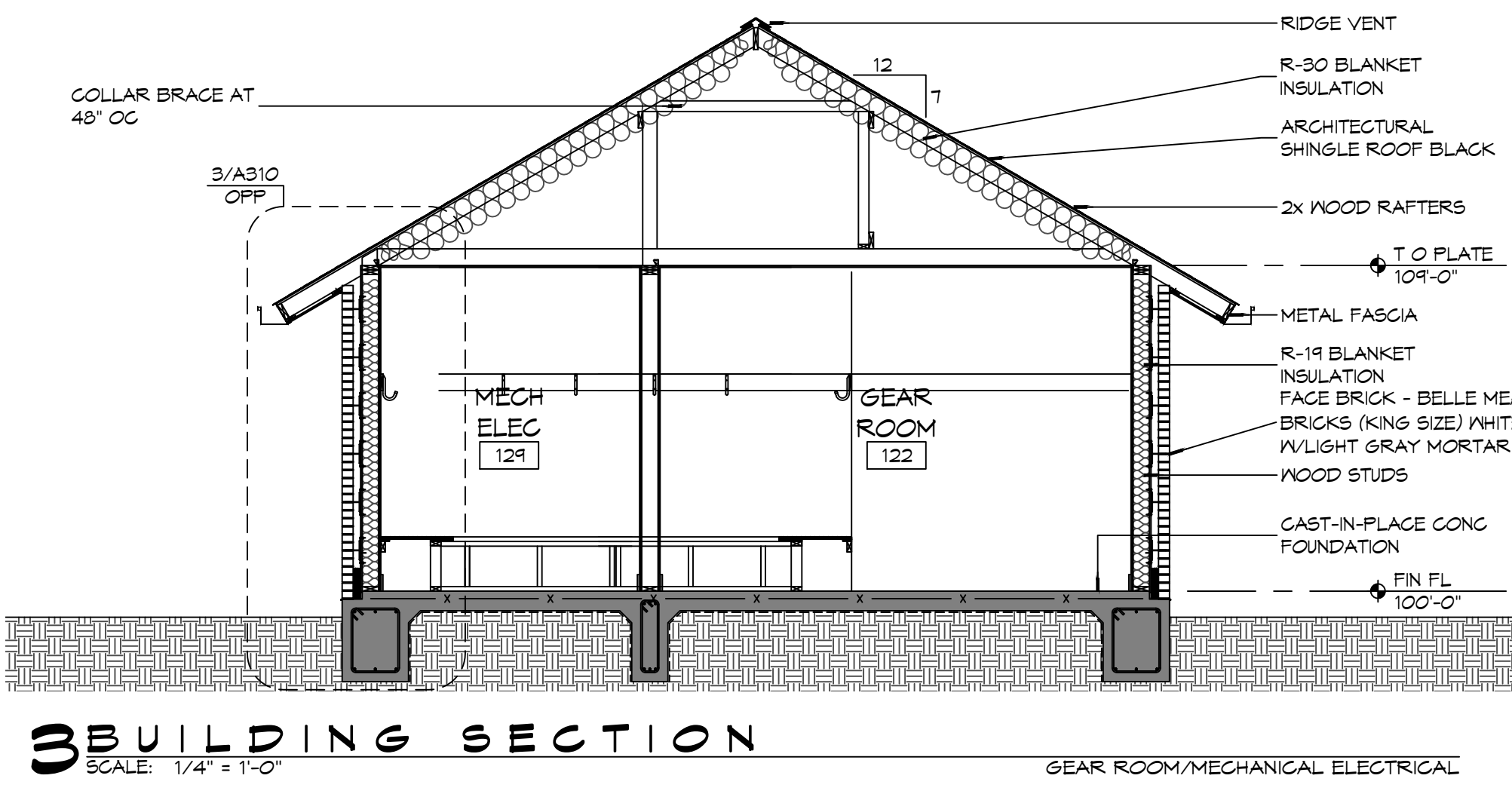
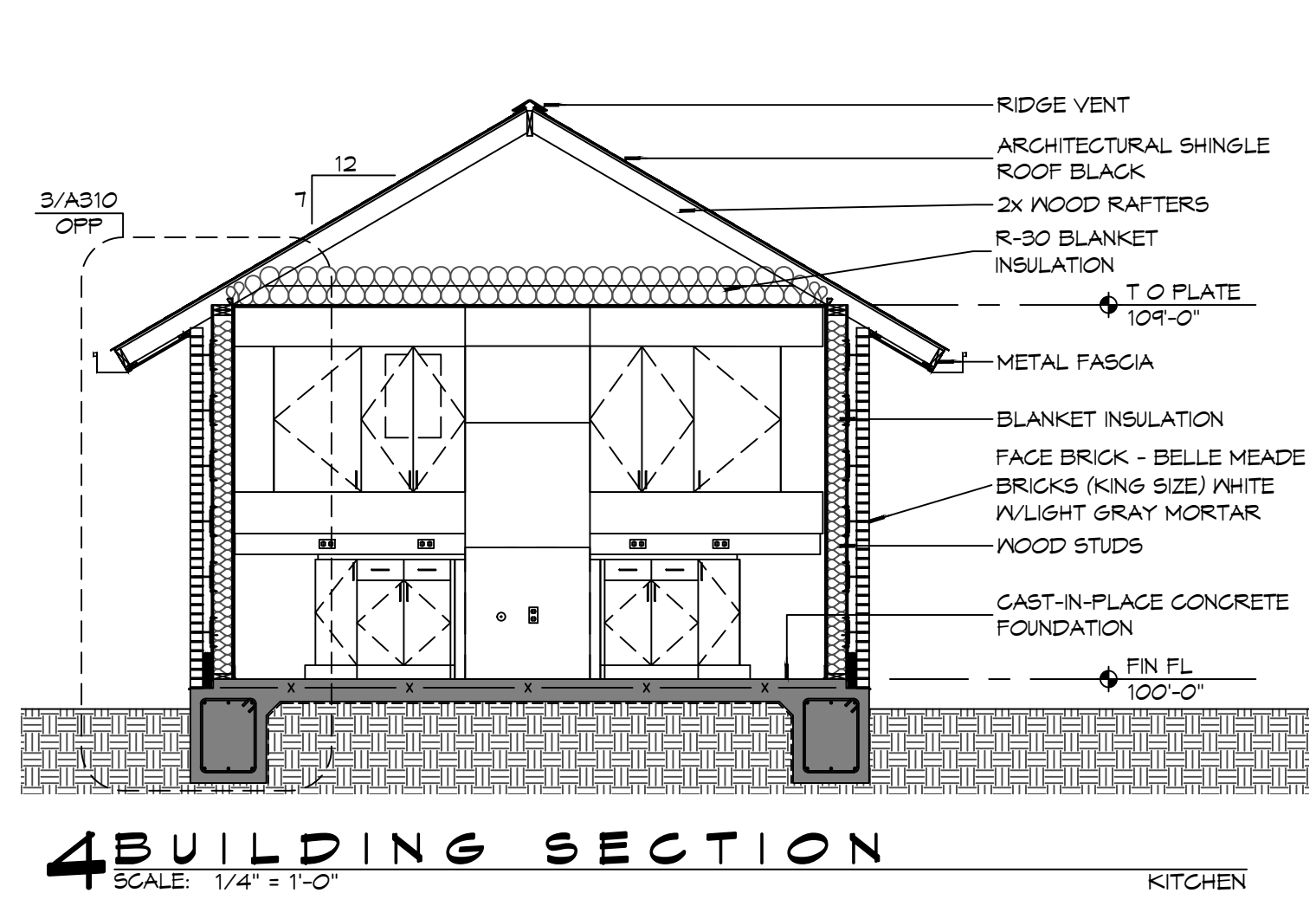
FILE NAME: A:\1 - General\1310 - The Station 410\Drawings\General\Drawings\A302 - Building Sections.dwg, PLOT DATE: 8/26/2025, PLOT TIME: 10:58:00 AM, PLOT BY: JMS

### GENERAL SHEET NOTES

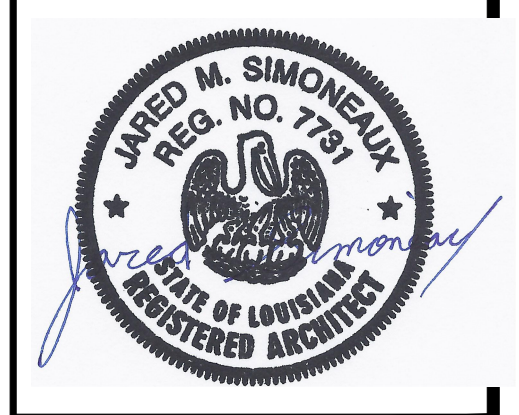
- COORDINATE ATTIC ACCESS PANEL LOCATION WITH MEZZANINE HVAC EQUIPMENT AND DUCTWORK.
- COORDINATE ATTIC ACCESS PANEL DIMENSIONS WITH LARGEST EQUIPMENT COMPONENT LOCATED IN ATTIC SPACE IT SERVES.

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

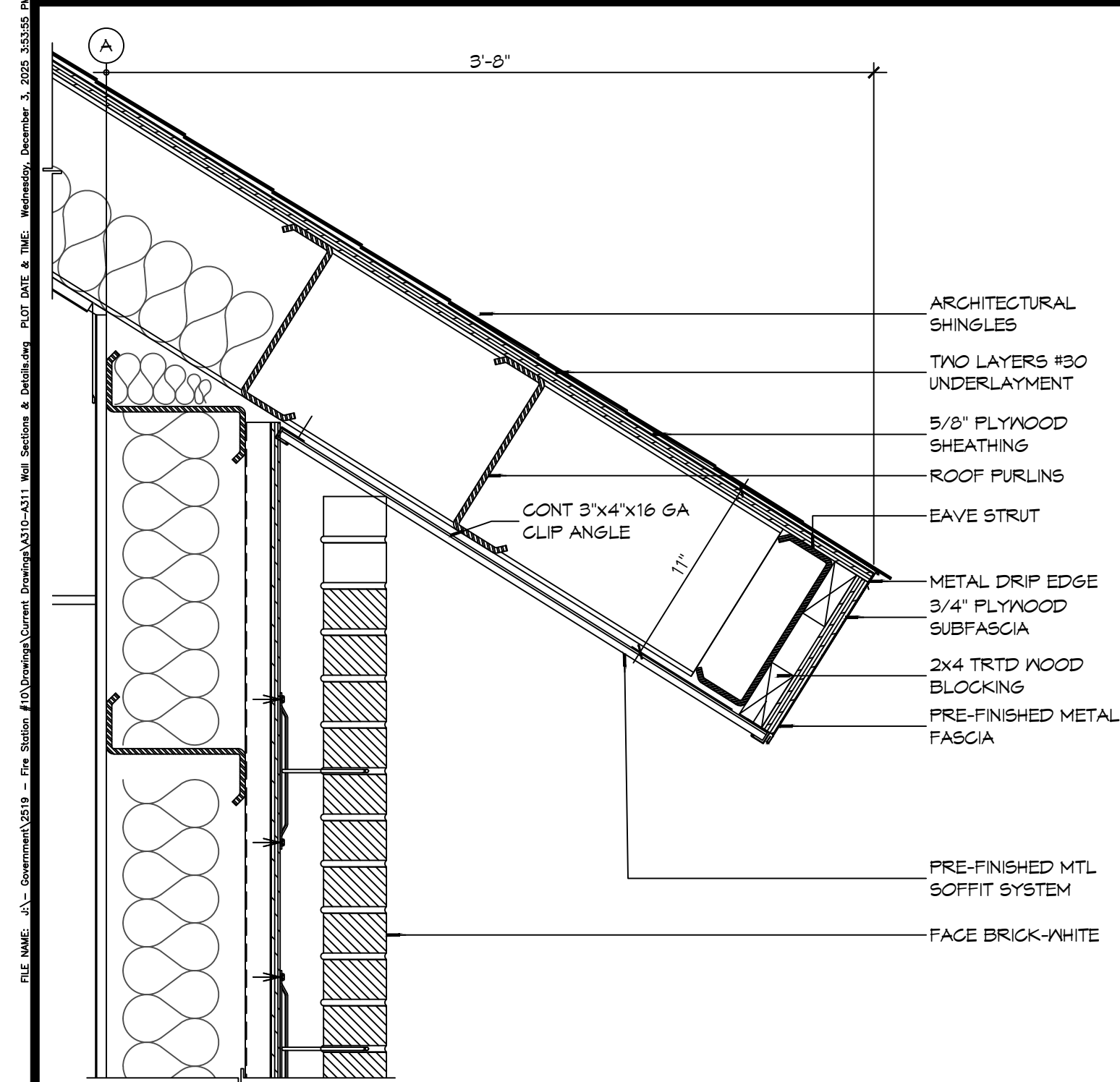
248 LAKESHORE VISTA BLVD  
SLIDELL, LA 70461

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

SHEET TITLE:  
BUILDING SECTIONS

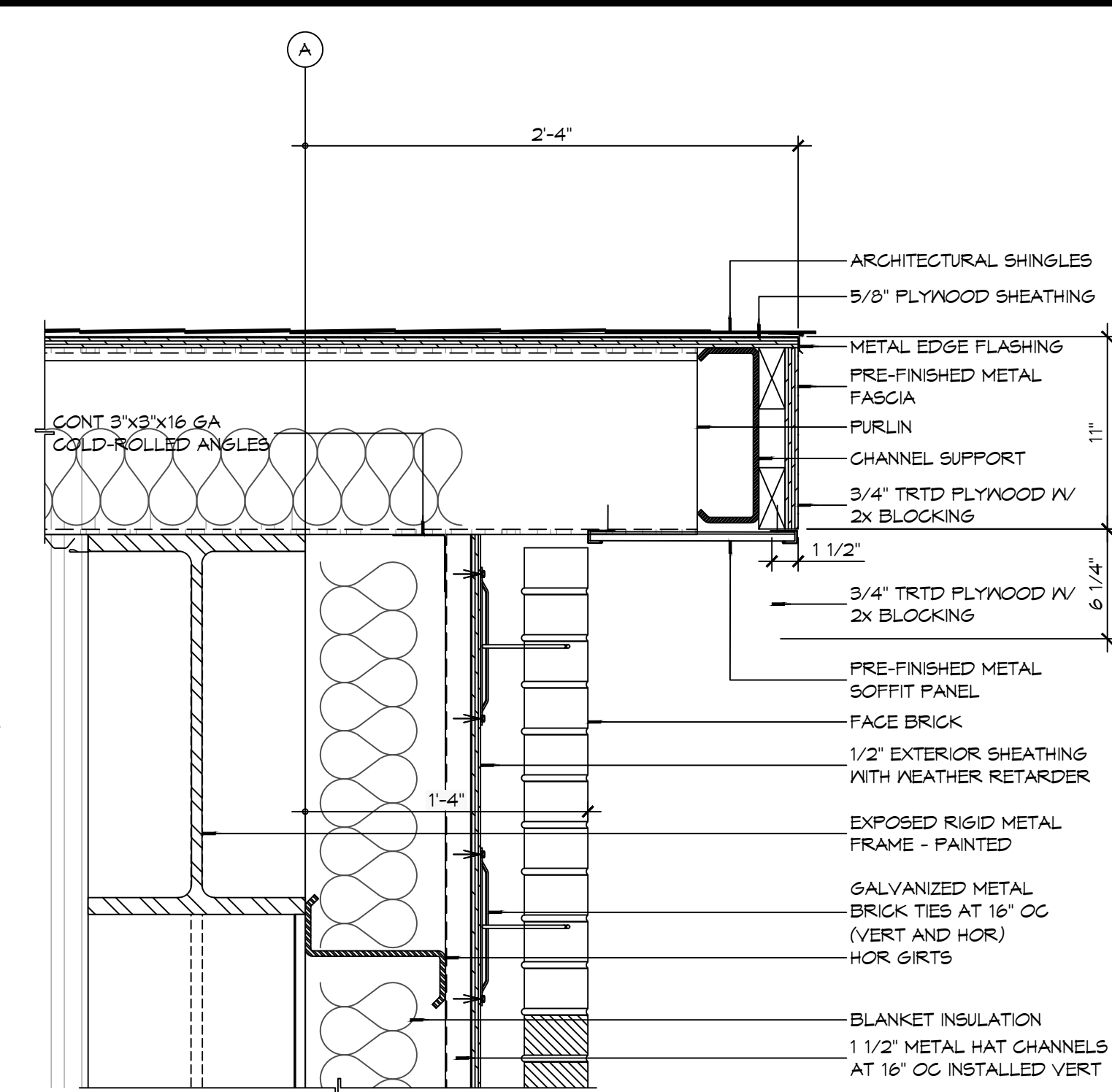
DRAWING NUMBER:  
**A302**

SHEET No: 22 of 31



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

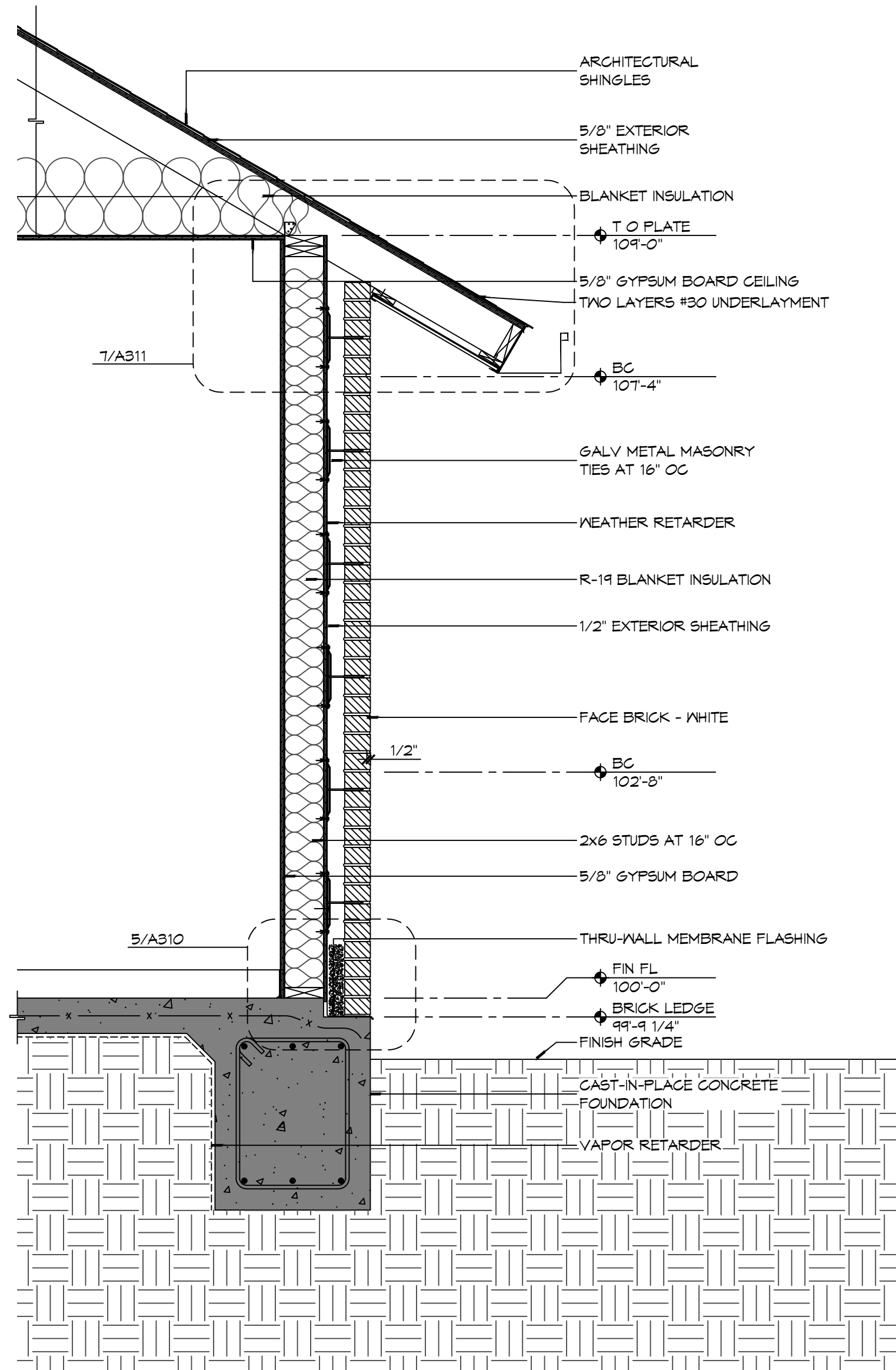
APPARATUS BAY EAVE



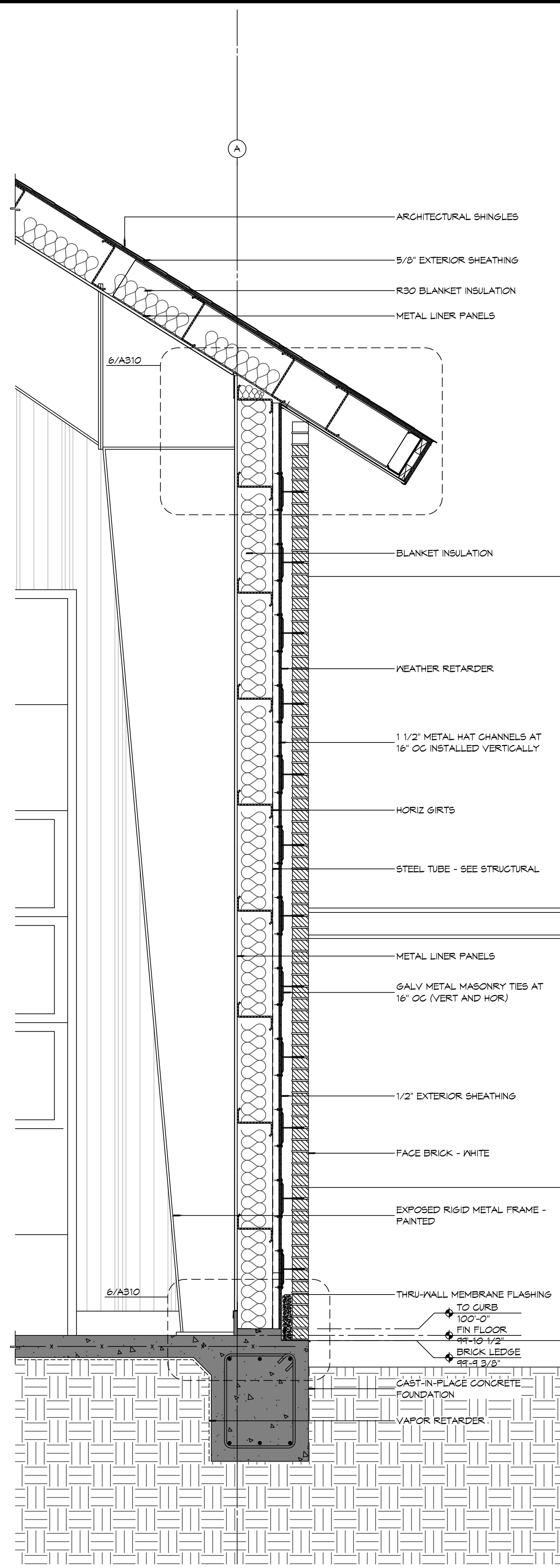
**5 DETAIL**  
SCALE: 1 1/2" = 1'-0"

APPARATUS BAY ROOF RAKE

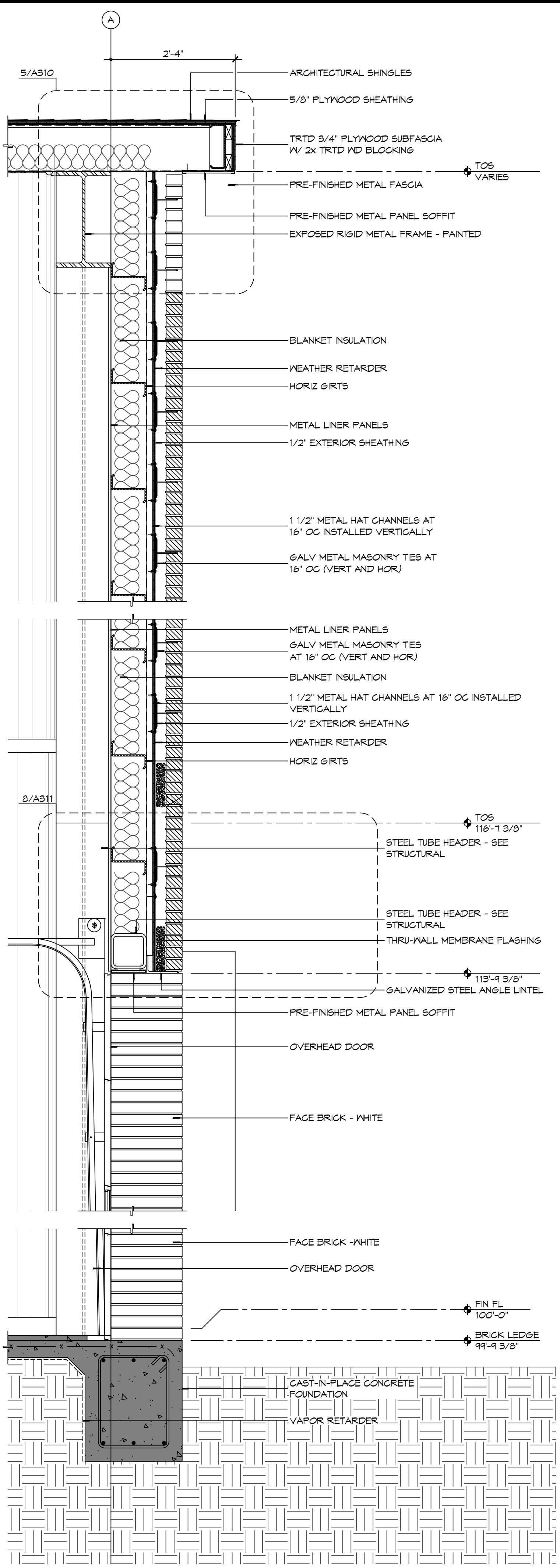
REFER TO BUILDING SECTIONS FOR  
PLACEMENT OF ATTIC INSULATION AS  
LOCATION MAY VARY.



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



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



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

**NOT USED**

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

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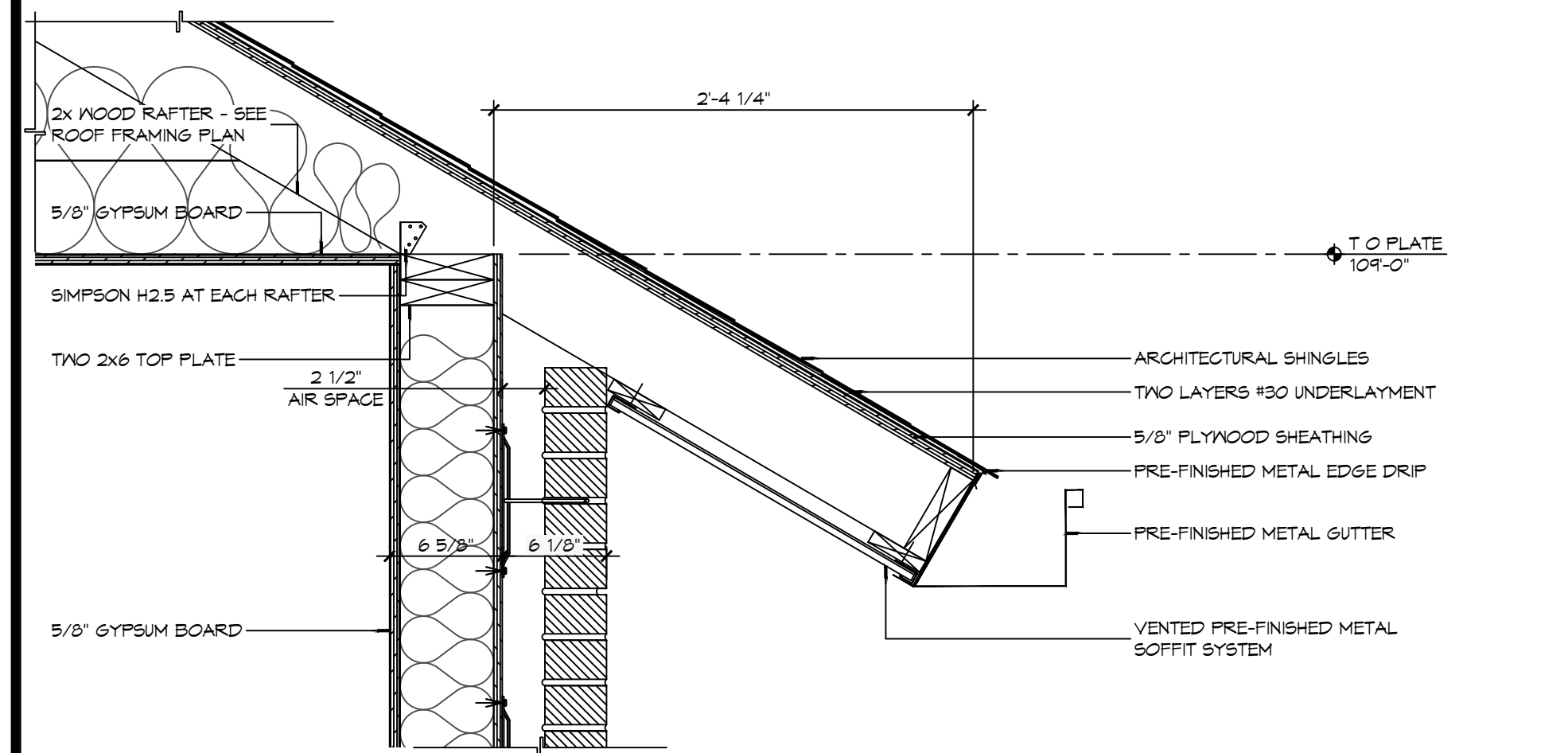
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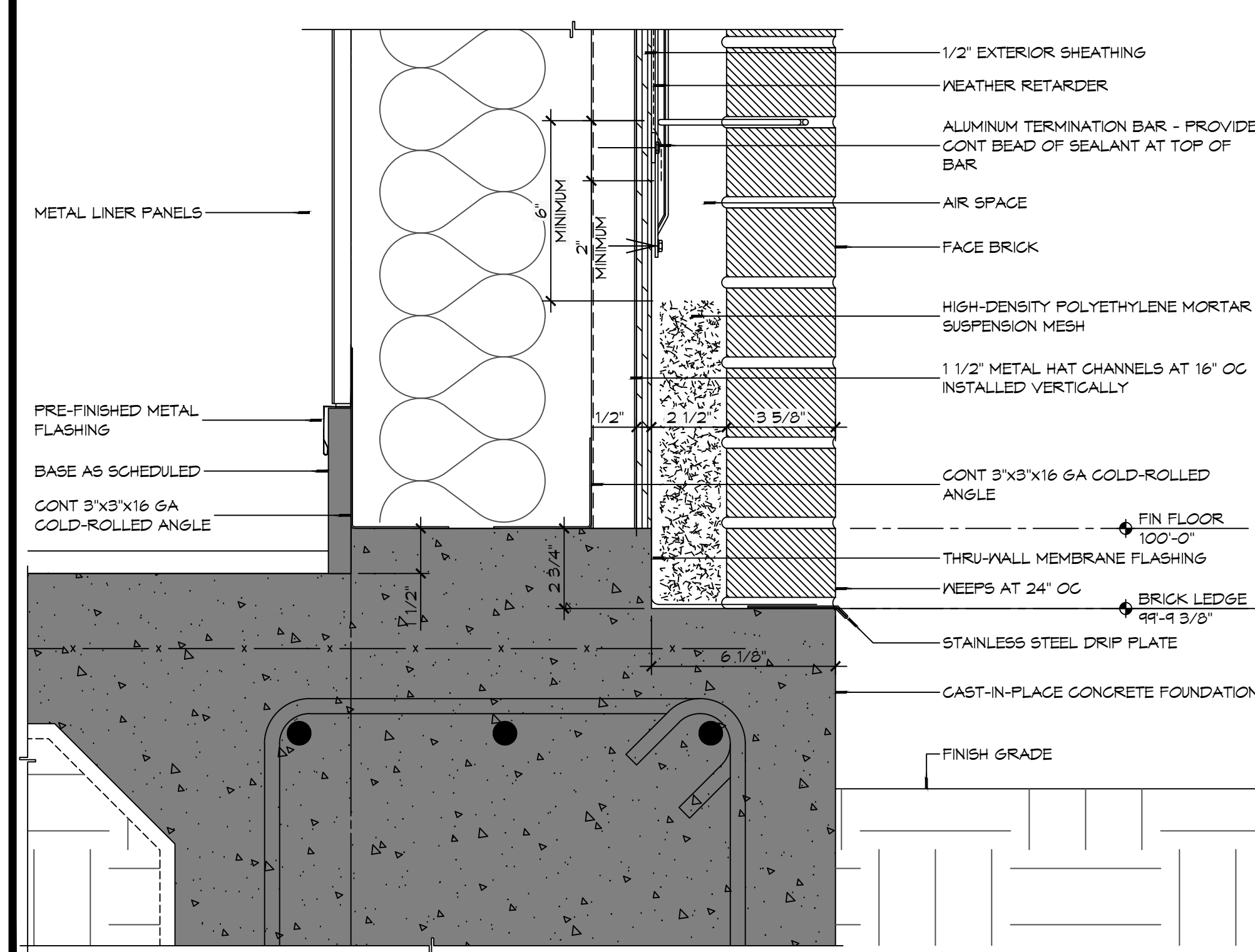
**NEW FIRE STATION #10  
ST. TAMMANY FIRE PROTECTION  
DISTRICT No. 1**  
246 LAKESHORE VISTA BLVD  
SLIDELL, LA 70461  
JOB No: 2519 DATE: 12-05-2025  
DRAWN BY: CKD CHECKED BY: JMS

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

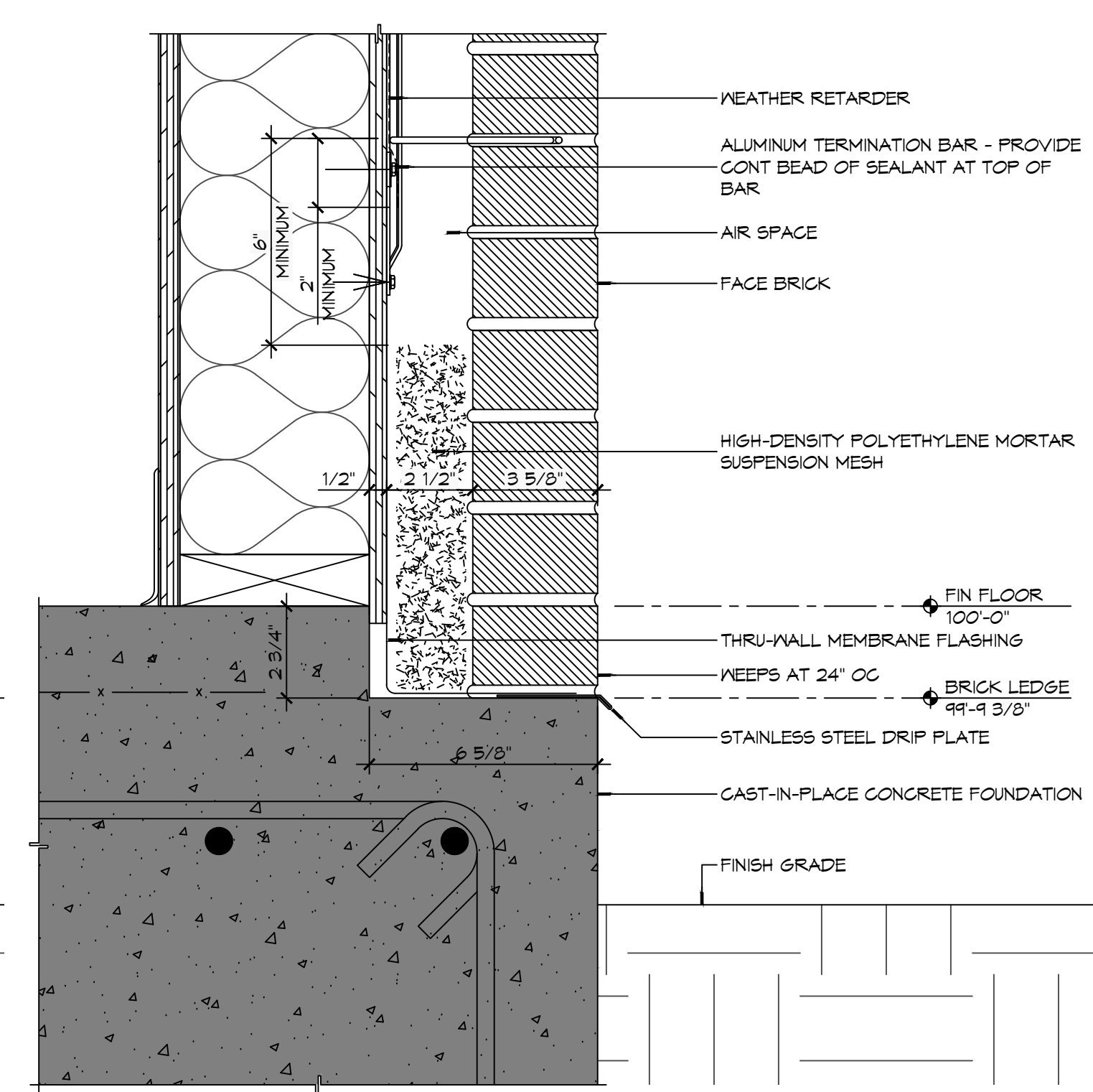
FILE NAME: A:\Projects\2019 - Fire Station 403\Drawings\General\Drawings\A311 - Wall Sections & Details.dwg PLOT DATE: 12/18/2019 12:13:03



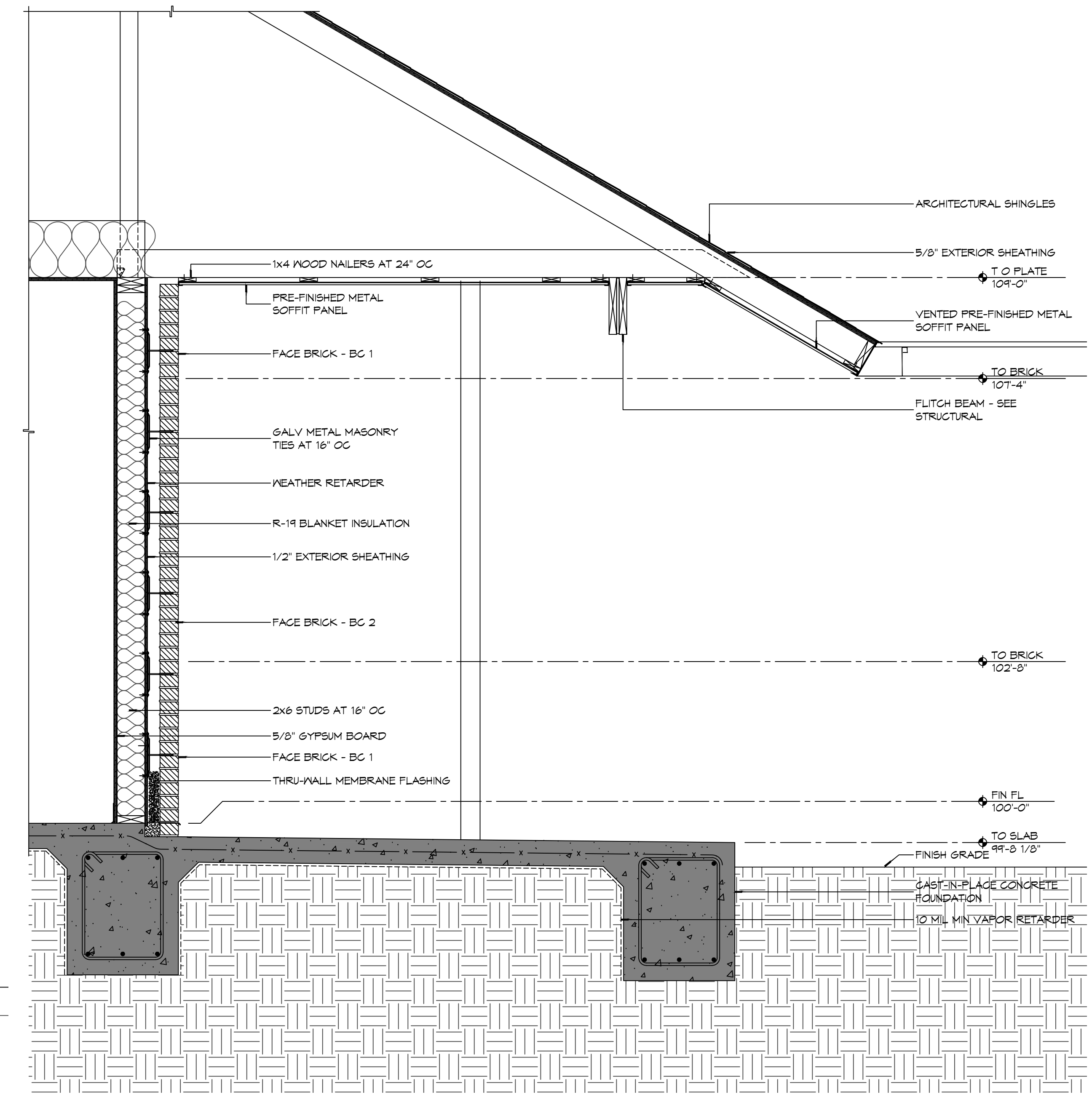
**7 DETAIL**  
SCALE: 1/4" = 1'-0"  
TYPICAL EAVE OVERHANG



**6 DETAIL**  
SCALE: 3/4" = 1'-0"  
TYPICAL MASONRY BASE FLASHING AT METAL BUILDING

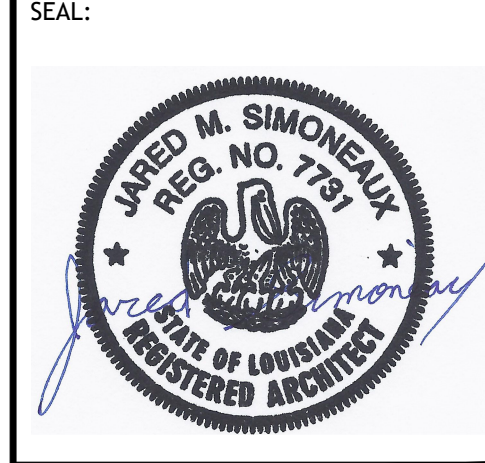


**5 DETAIL**  
SCALE: 3/4" = 1'-0"  
TYPICAL MASONRY BASE FLASHING



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

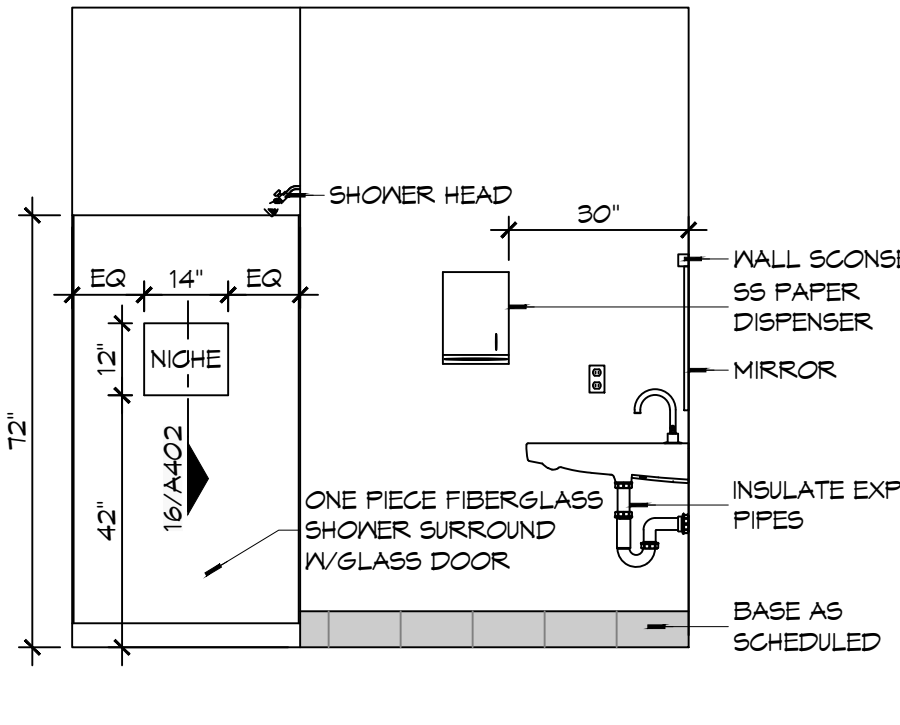
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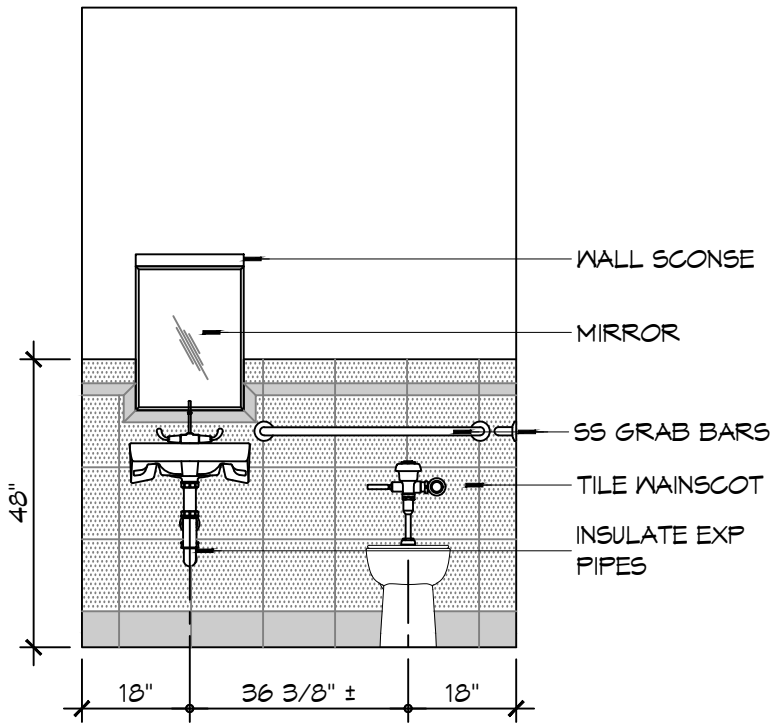
NEW FIRE STATION #10  
**ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1**  
 2148 LAKESHORE VISTA BLVD  
 SLIDELL, LA 70461  
 JOB NO: 2519 DATE: 12-09-2025  
 DRAWN BY: JMS CHECKED BY: CKD

SHEET TITLE:  
 WALL SECTIONS AND DETAILS  
 DRAWING NUMBER:  
**A311**  
 SHEET No: 24 of 37

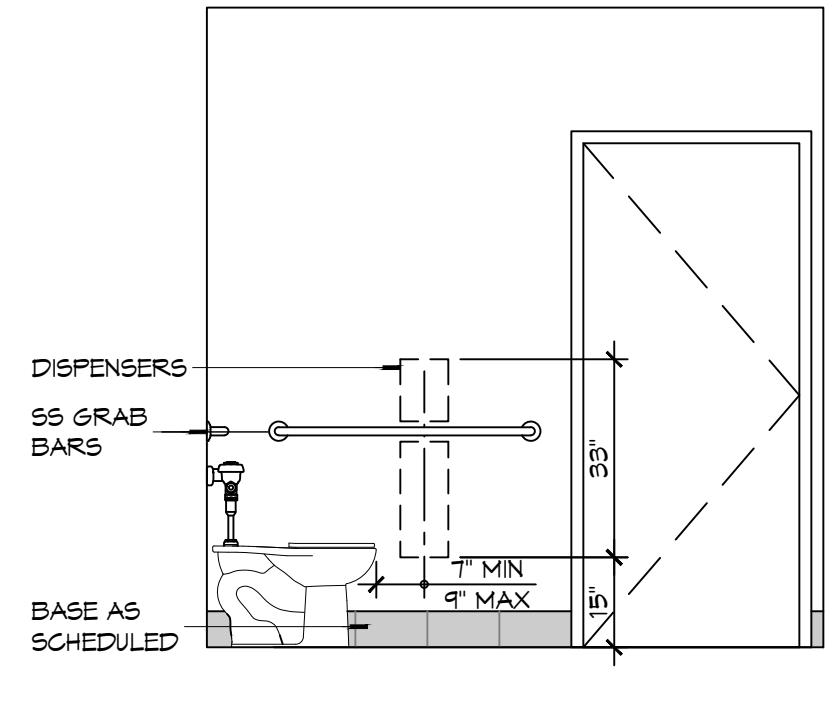
FILE NAME: A:\\_Drawing\10310 - The Sims 4 (10310) - 10310.dwg; PLOT DATE: 12/11/2025; PLOT TIME: 10:45:00 AM; PLOT BY: JMS; PLOT DEVICE: HP DesignJet 5000; PLOT SCALE: 1/8" = 1'-0"; PLOT SHEET: 10310.1



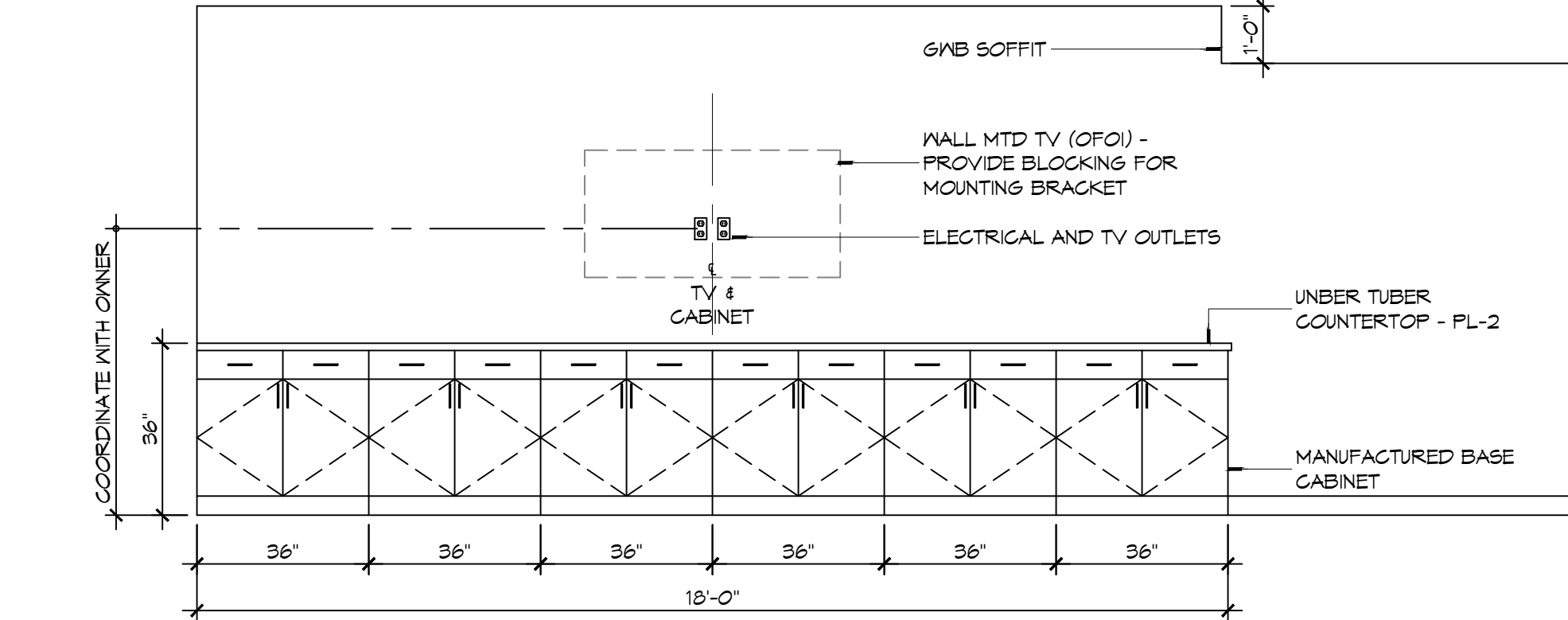
**15 INTERIOR ELEV**  
SCALE: 3/8" = 1'-0"  
WOMENS TOILET - 104



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

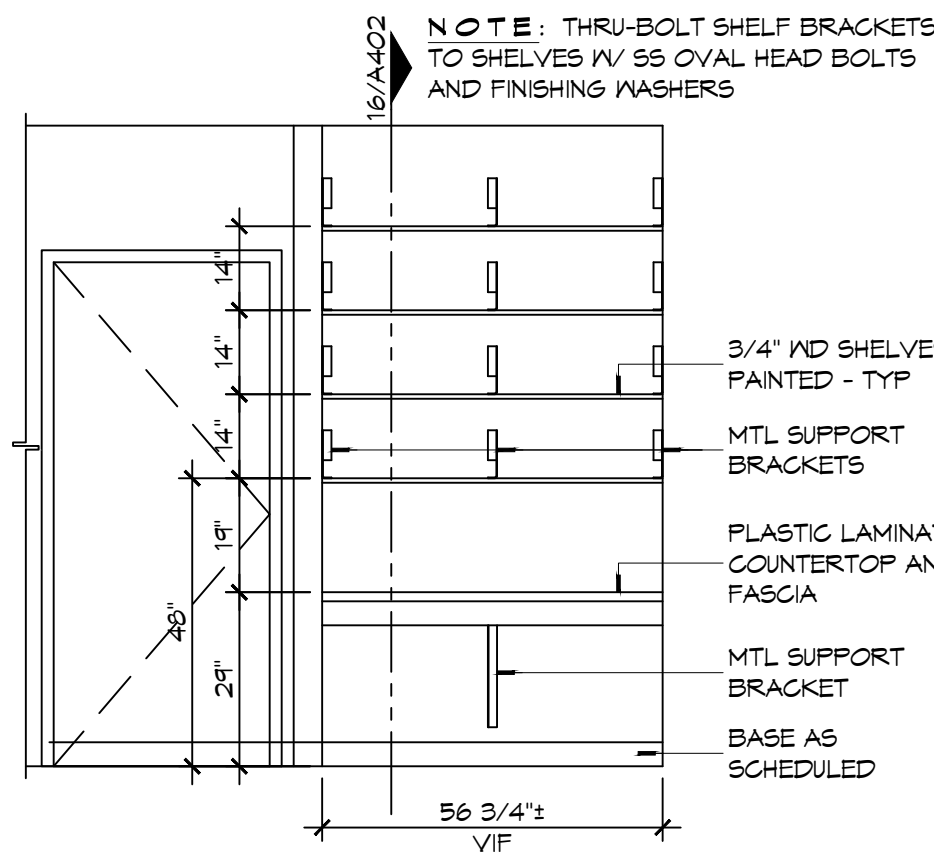


**13 INTERIOR ELEV**  
SCALE: 3/8" = 1'-0"  
WOMENS TOILET - 104

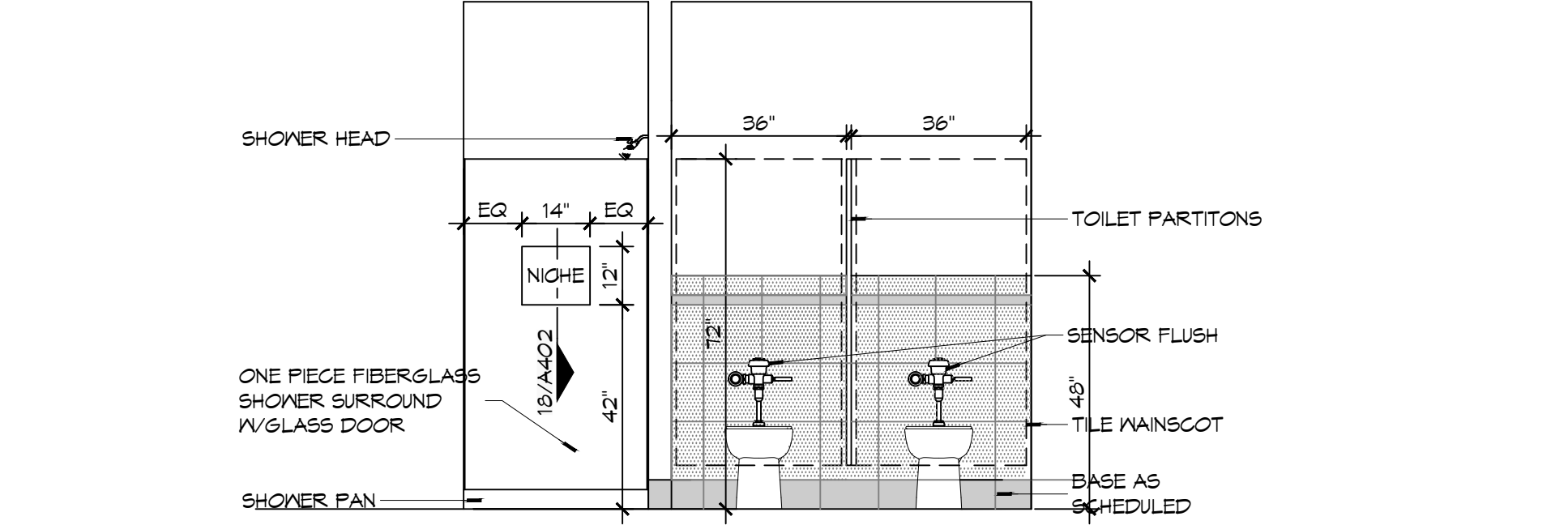


**12 INTERIOR ELEVATION**  
SCALE: 3/8" = 1'-0"  
DAY ROOM - 102

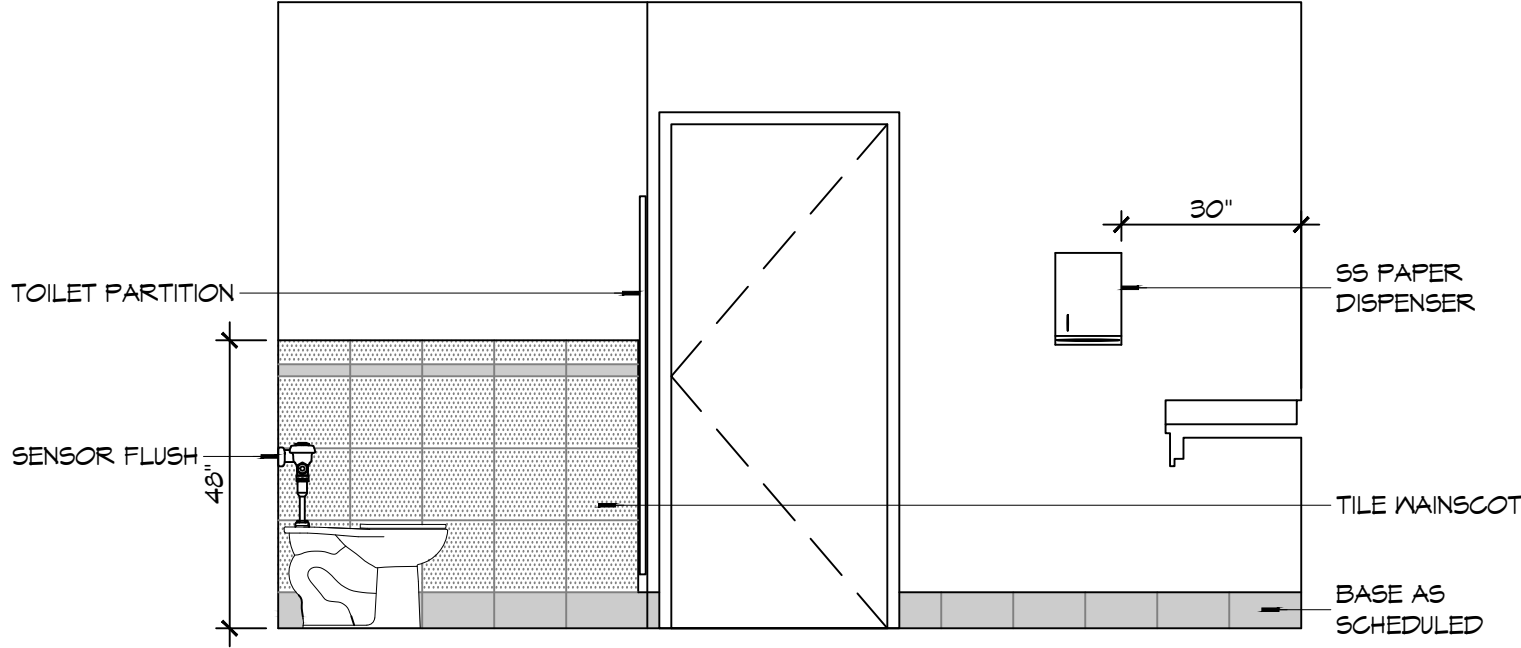
- ### INTERIOR ELEVATION NOTES
- REFER TO SHEET 0003 FOR TYPICAL MOUNTING HEIGHTS AND FLOOR CLEARANCE REQUIREMENTS WHERE NOT SHOWN ON THIS SHEET.
  - NOT USED
  - PROVIDE 1/8" R EASED EDGES AT ALL EXPOSED GRANITE COUNTERTOP AND BACKSLASH EDGES UNLESS OTHERWISE NOTED.
  - BLOCKING FOR CABINETS IS NOT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



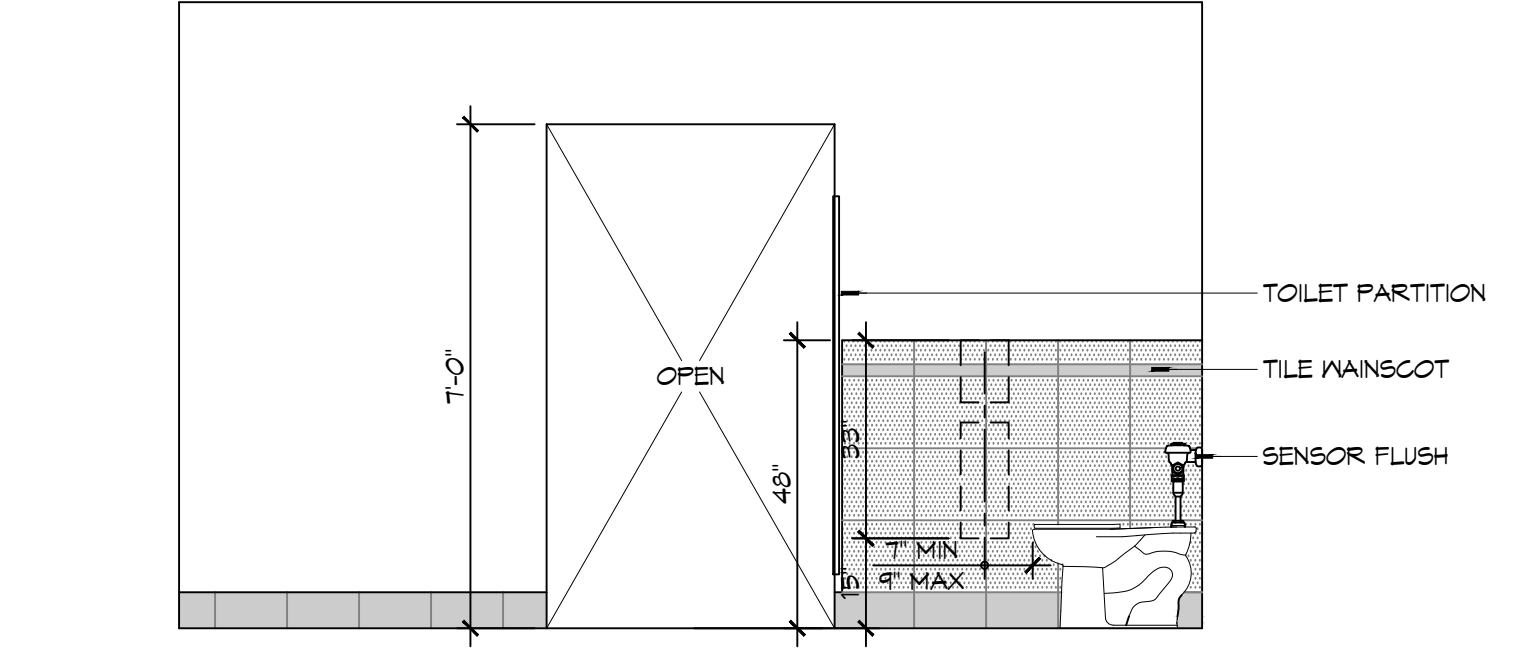
**11 INTERIOR ELEV**  
SCALE: 3/8" = 1'-0"  
BUNK ROOM - 113



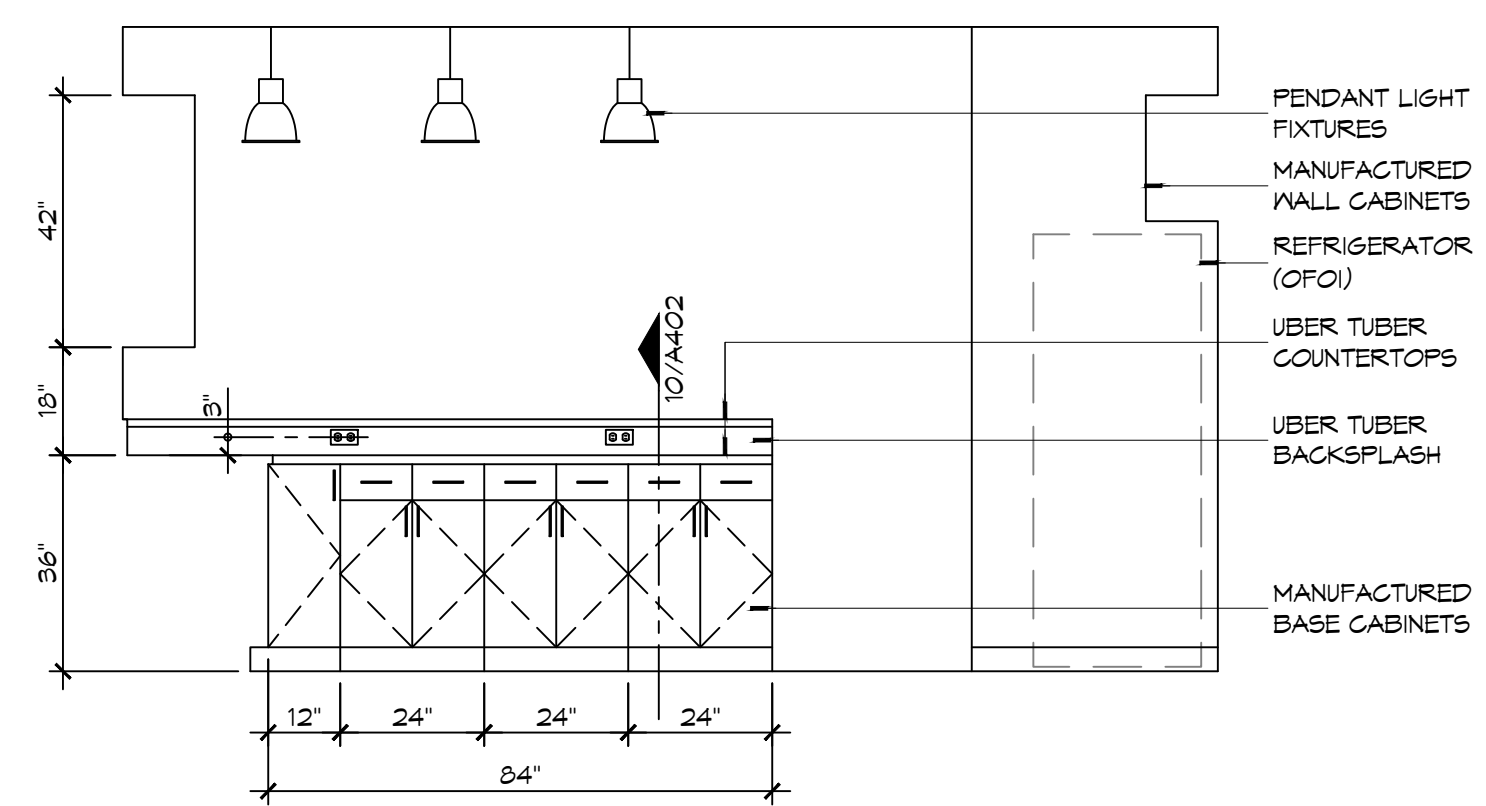
**10 INTERIOR ELEVATION**  
SCALE: 3/8" = 1'-0"  
MENS TOILET - 114 & MENS SHOWER - 116



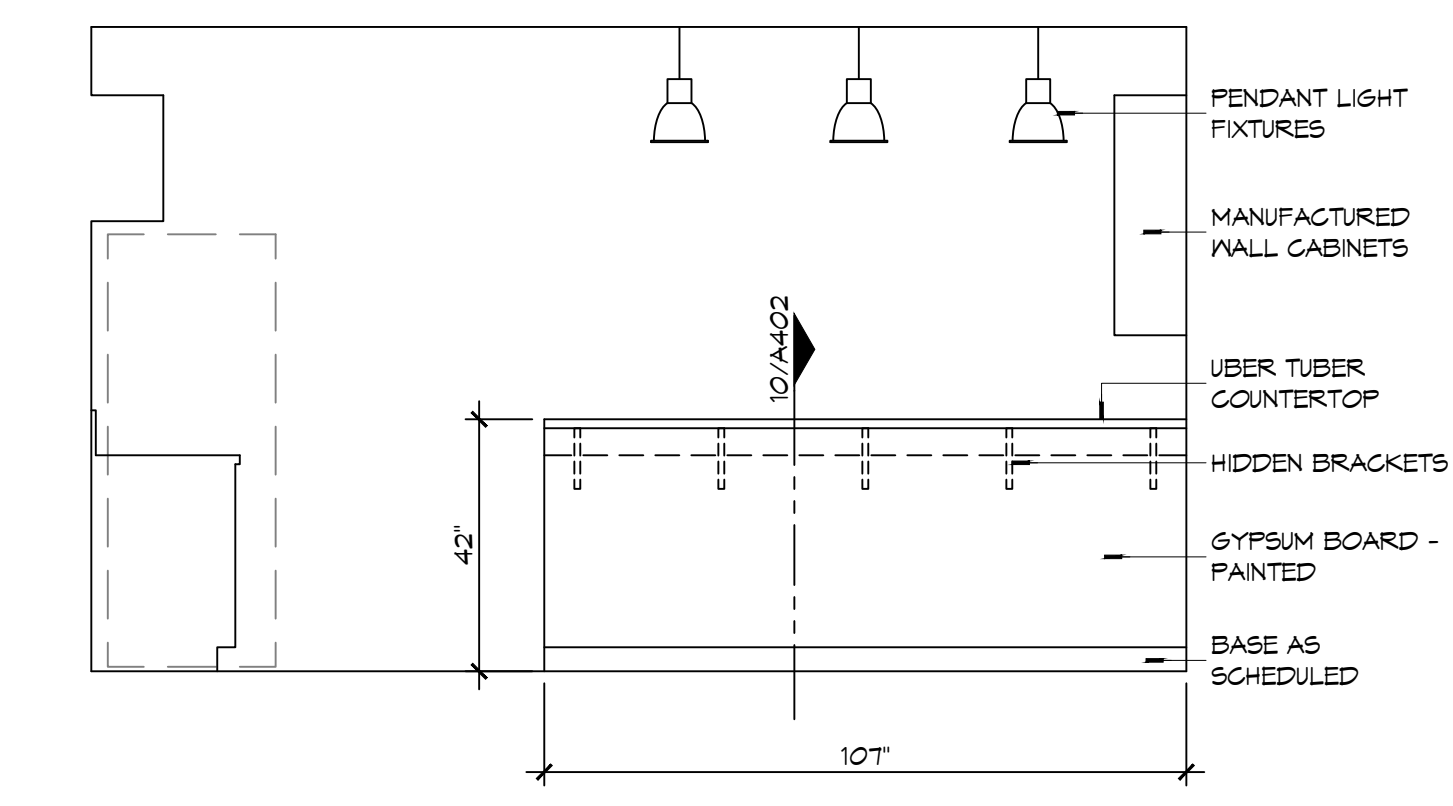
**9 INTERIOR ELEVATION**  
SCALE: 3/8" = 1'-0"  
MENS TOILET - 114



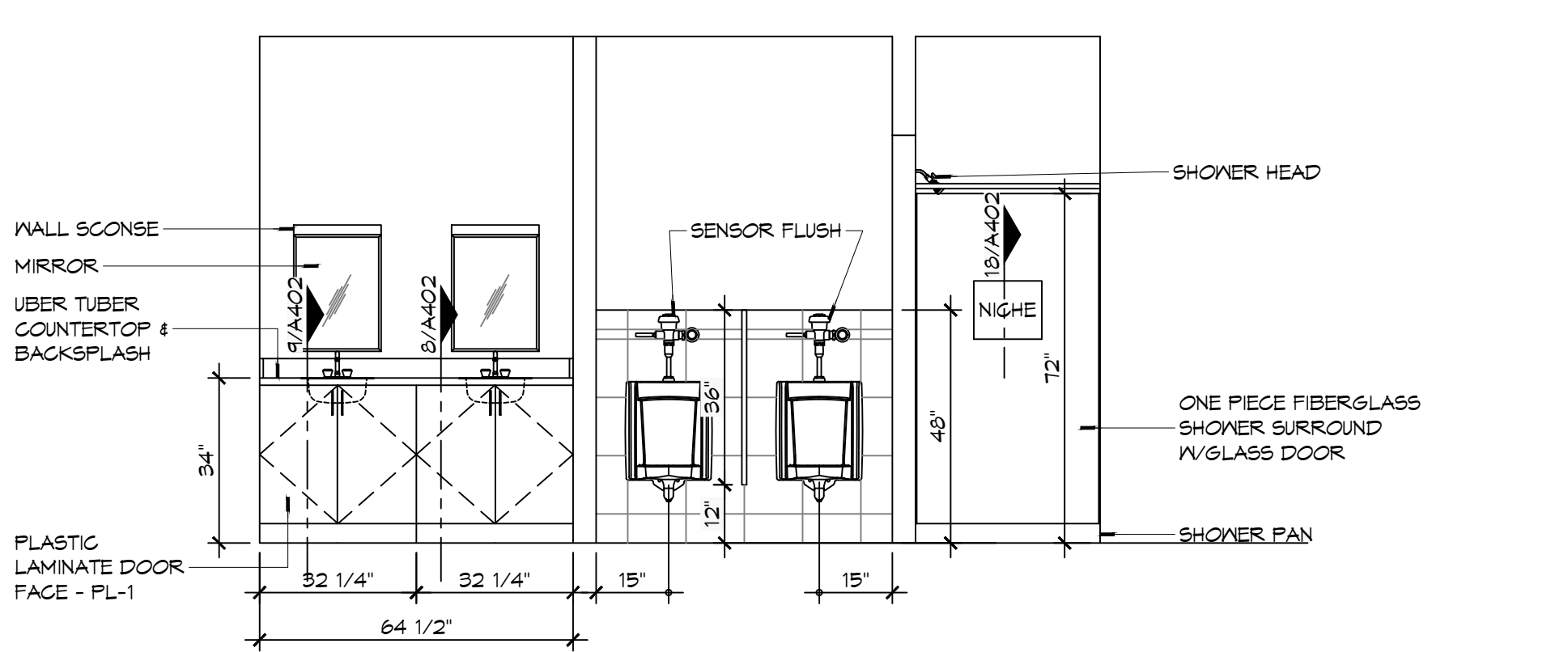
**8 INTERIOR ELEVATION**  
SCALE: 3/8" = 1'-0"  
MENS TOILET - 114



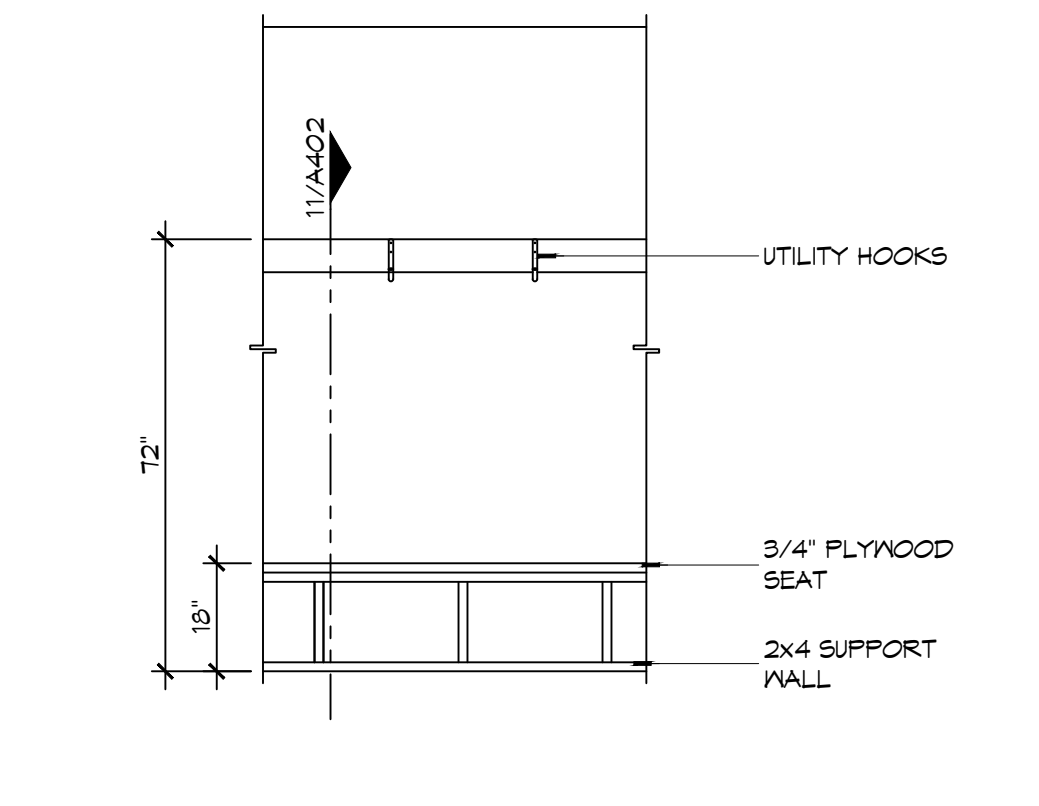
**7 INTERIOR ELEVATION**  
SCALE: 3/8" = 1'-0"  
KITCHEN - 103



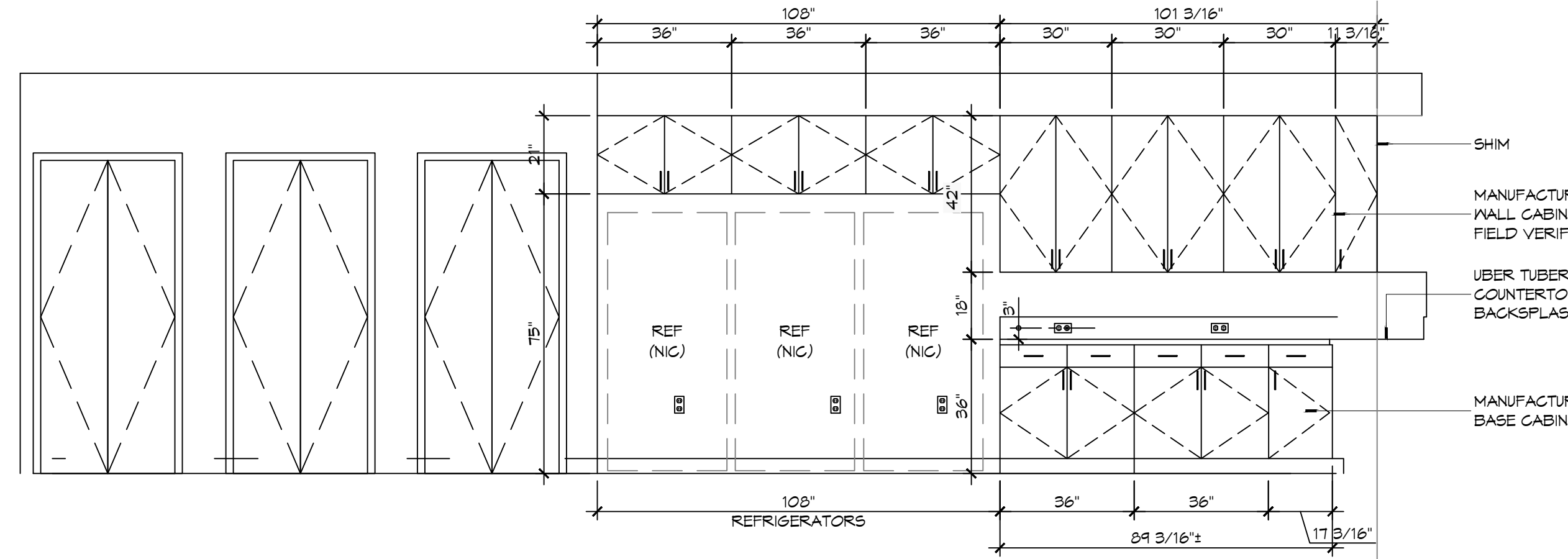
**6 INTERIOR ELEVATION**  
SCALE: 3/8" = 1'-0"  
KITCHEN - 103



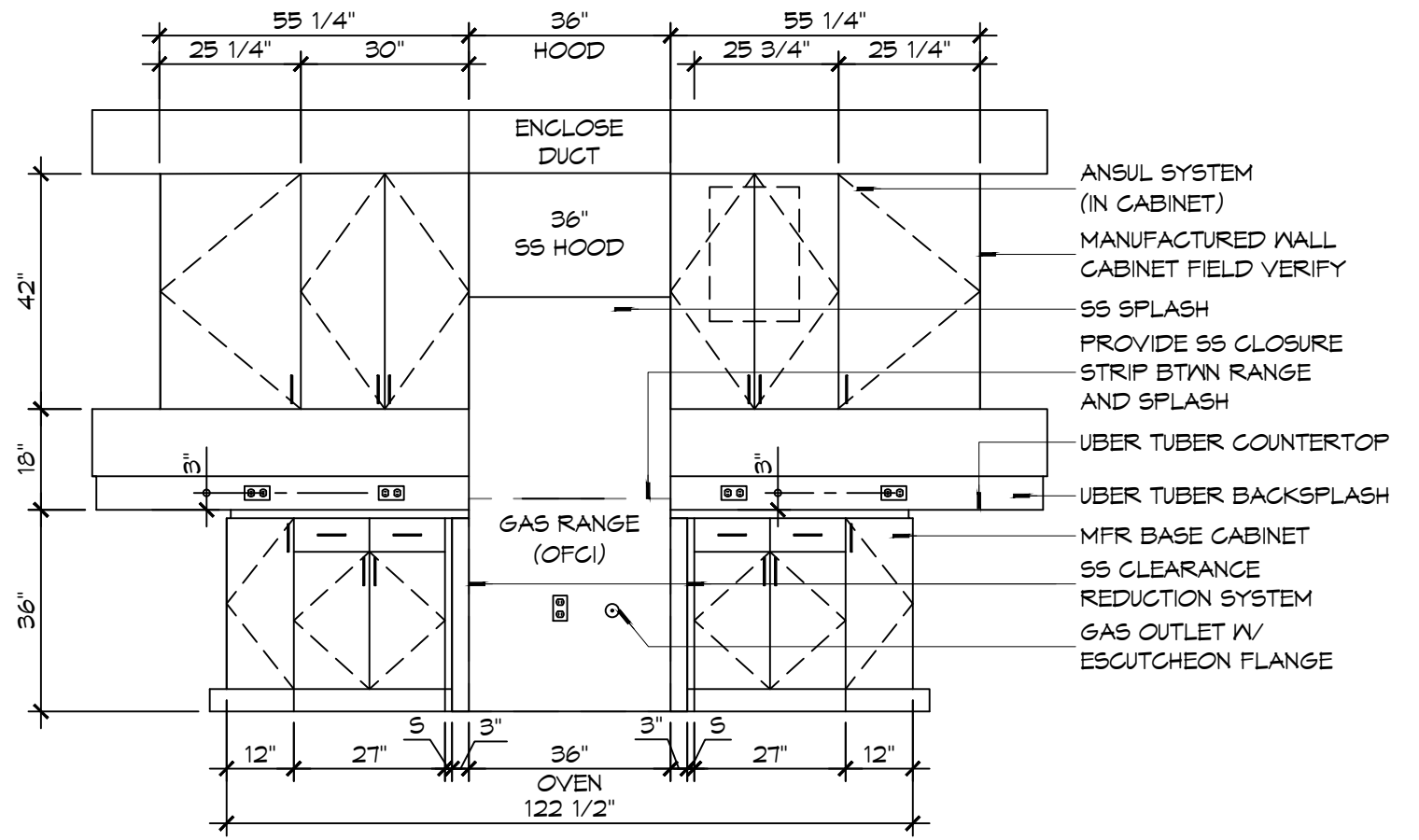
**5 INTERIOR ELEVATION**  
SCALE: 3/8" = 1'-0"  
MENS TOILET - 114 & MENS SHOWER - 116



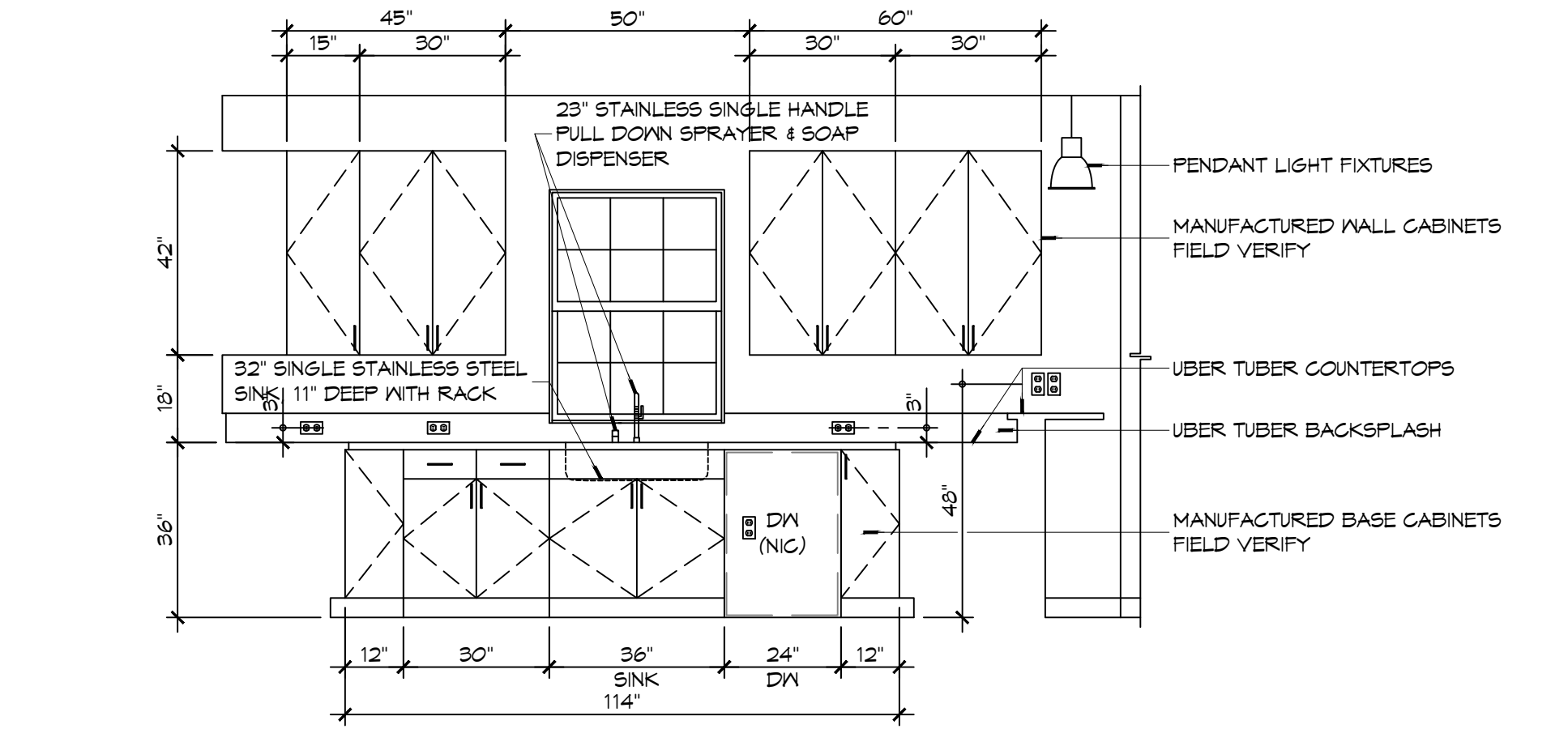
**4 INTERIOR ELEV**  
SCALE: 3/8" = 1'-0"  
GEAR ROOM - 122



**3 INTERIOR ELEVATION**  
SCALE: 3/8" = 1'-0"  
KITCHEN - 103



**2 INTERIOR ELEVATION**  
SCALE: 3/8" = 1'-0"  
KITCHEN - 103



**1 INTERIOR ELEVATION**  
SCALE: 3/8" = 1'-0"  
KITCHEN - 103

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

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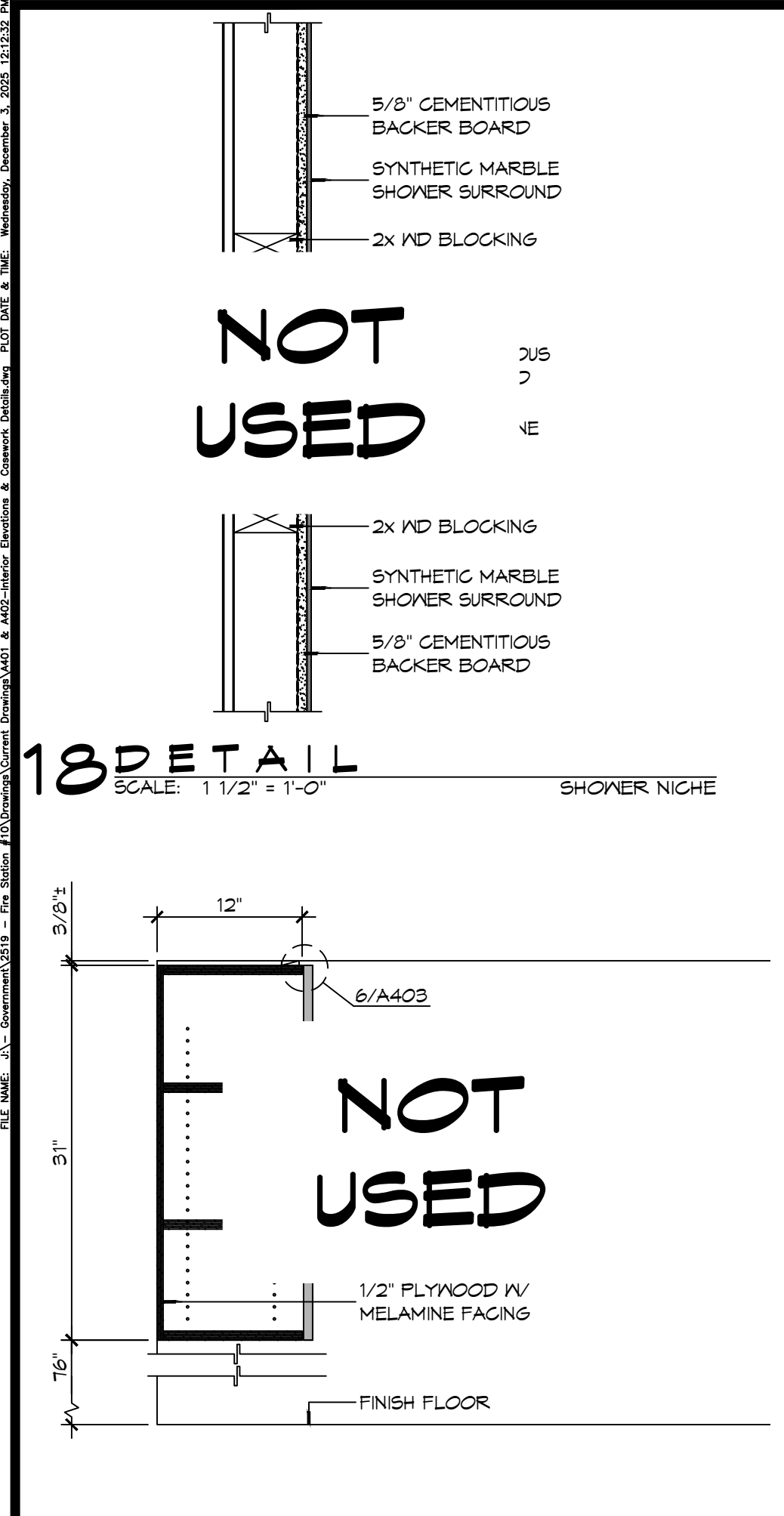
**NEW FIRE STATION #10  
ST. TAMMANY FIRE PROTECTION  
DISTRICT NO. 1**

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

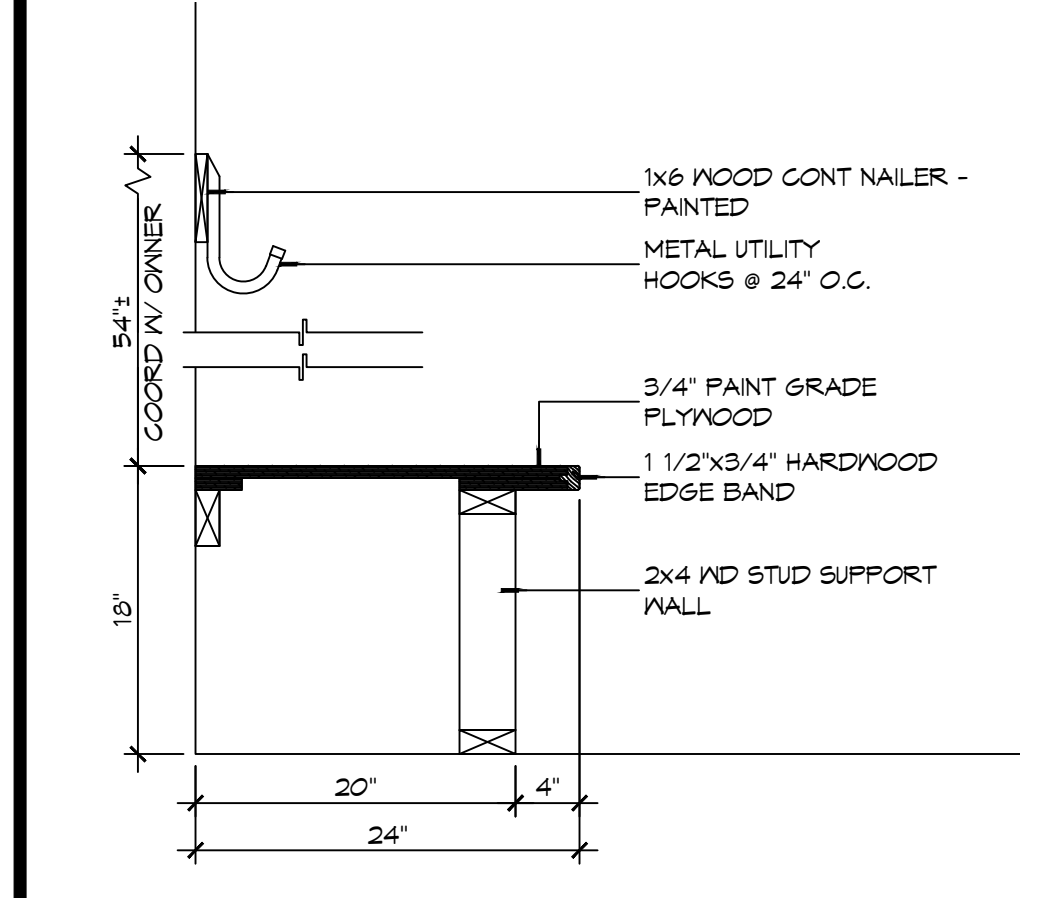
SHEET TITLE:  
INTERIOR ELEVATIONS

DRAWING NUMBER:  
**A401**

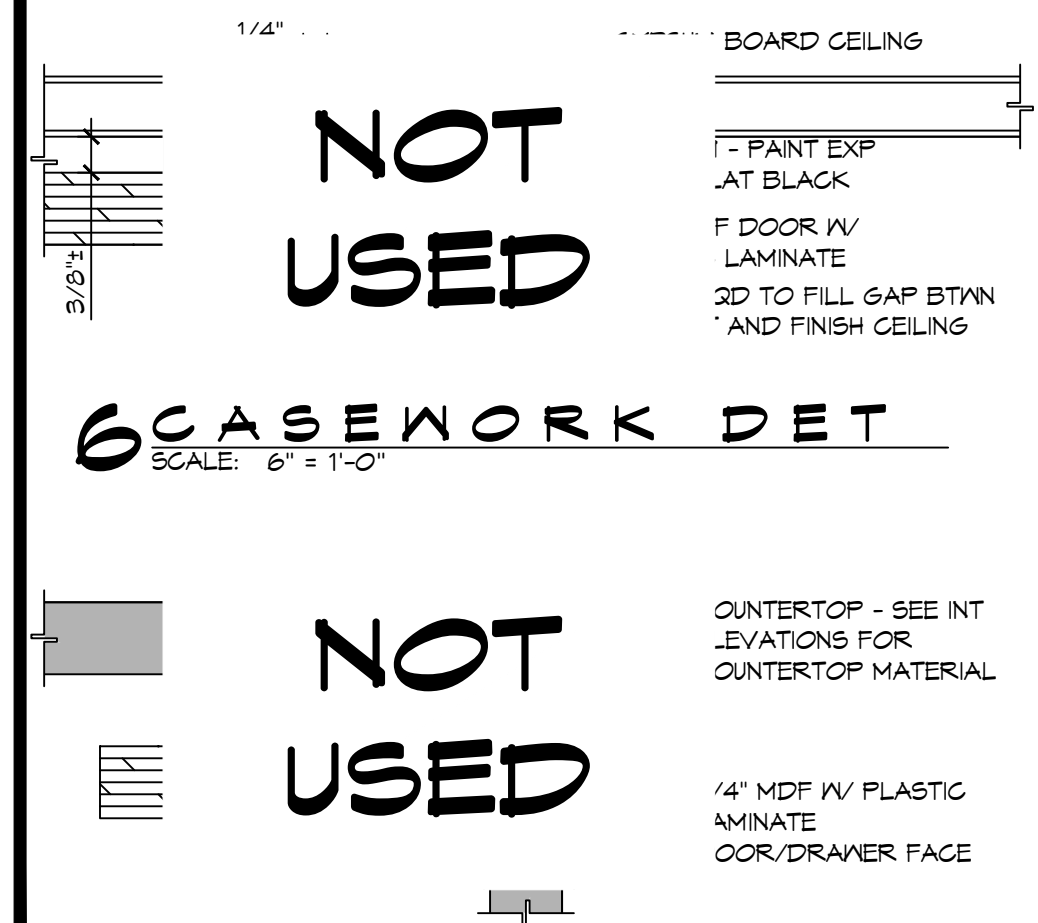
SHEET No: 26 of 31



**18 CASEWORK DET**  
SCALE: 1 1/2" = 1'-0"  
SHOWER NICHE

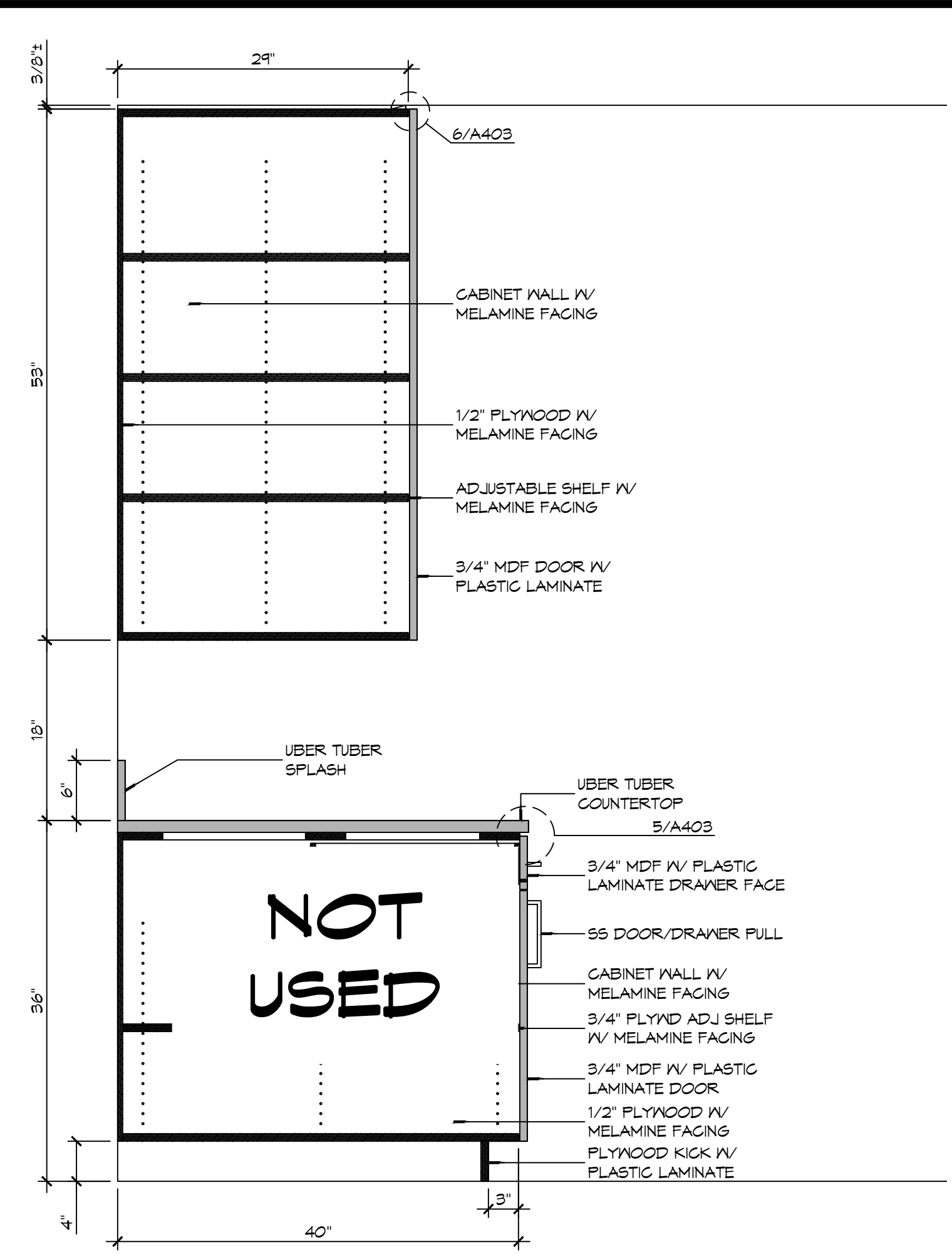


**17 CASEWORK DET**  
SCALE: 1" = 1'-0"  
KITCHEN WALL CABINET

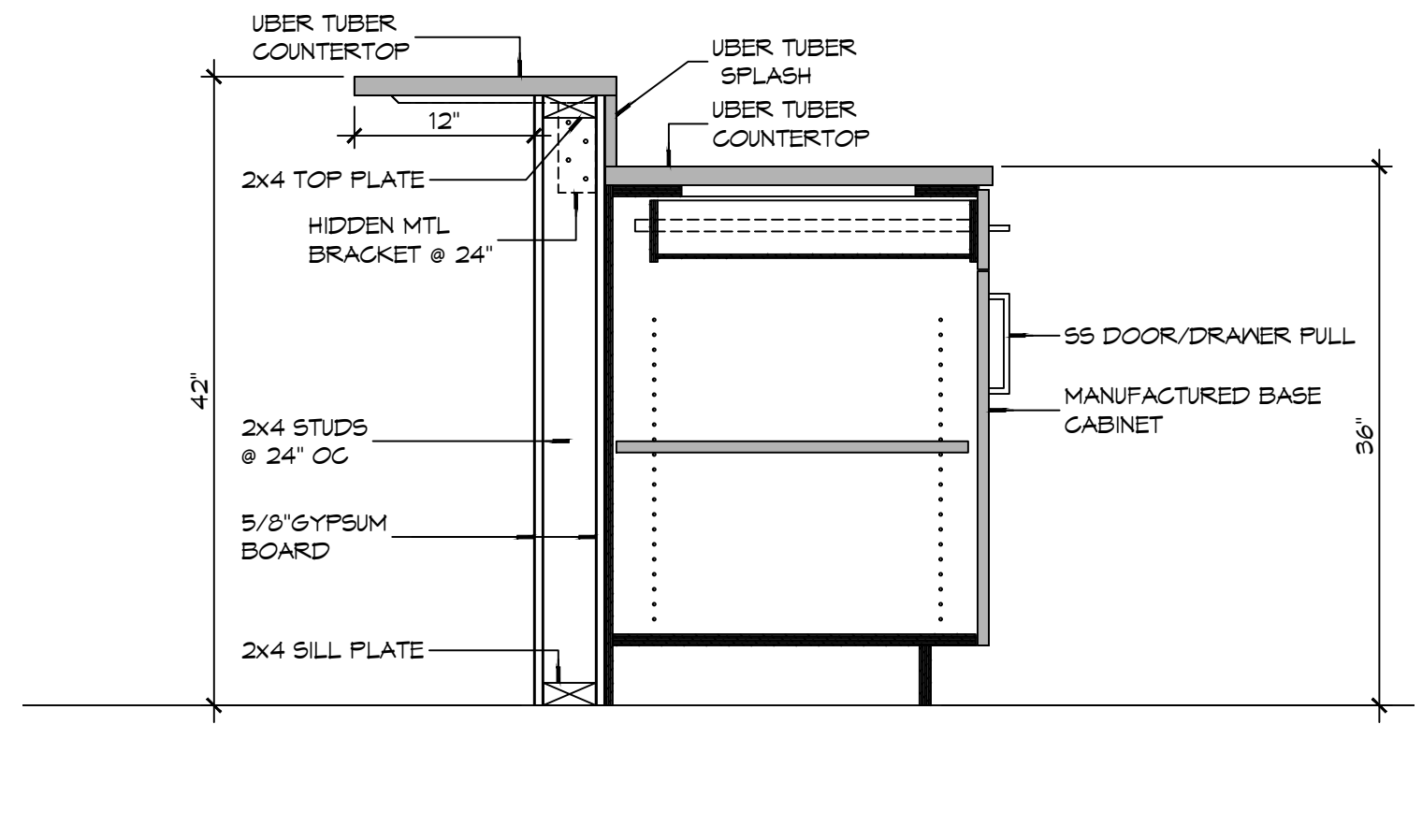


**6 CASEWORK DET**  
SCALE: 6" = 1'-0"

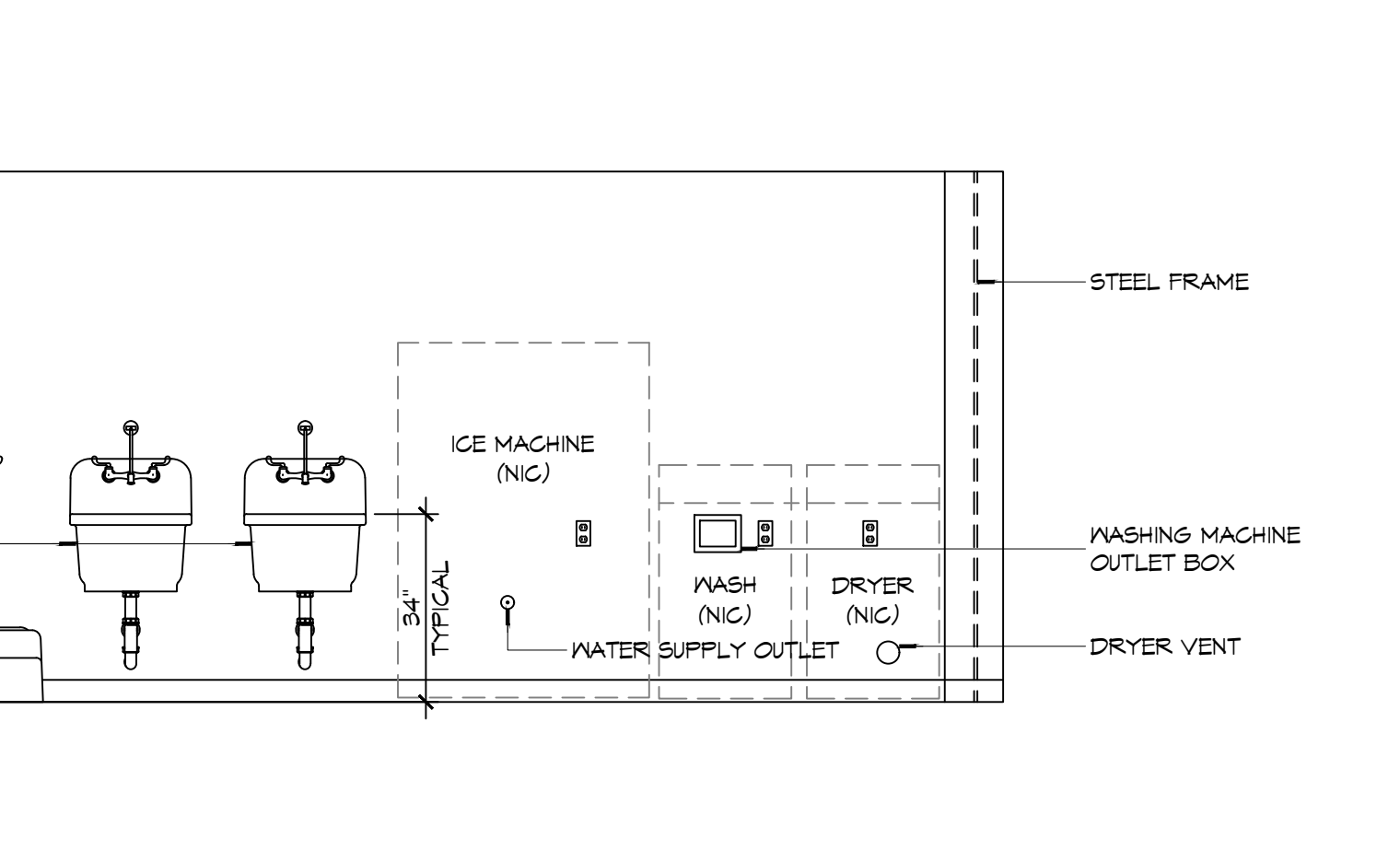
**5 CASEWORK DET**  
SCALE: 6" = 1'-0"



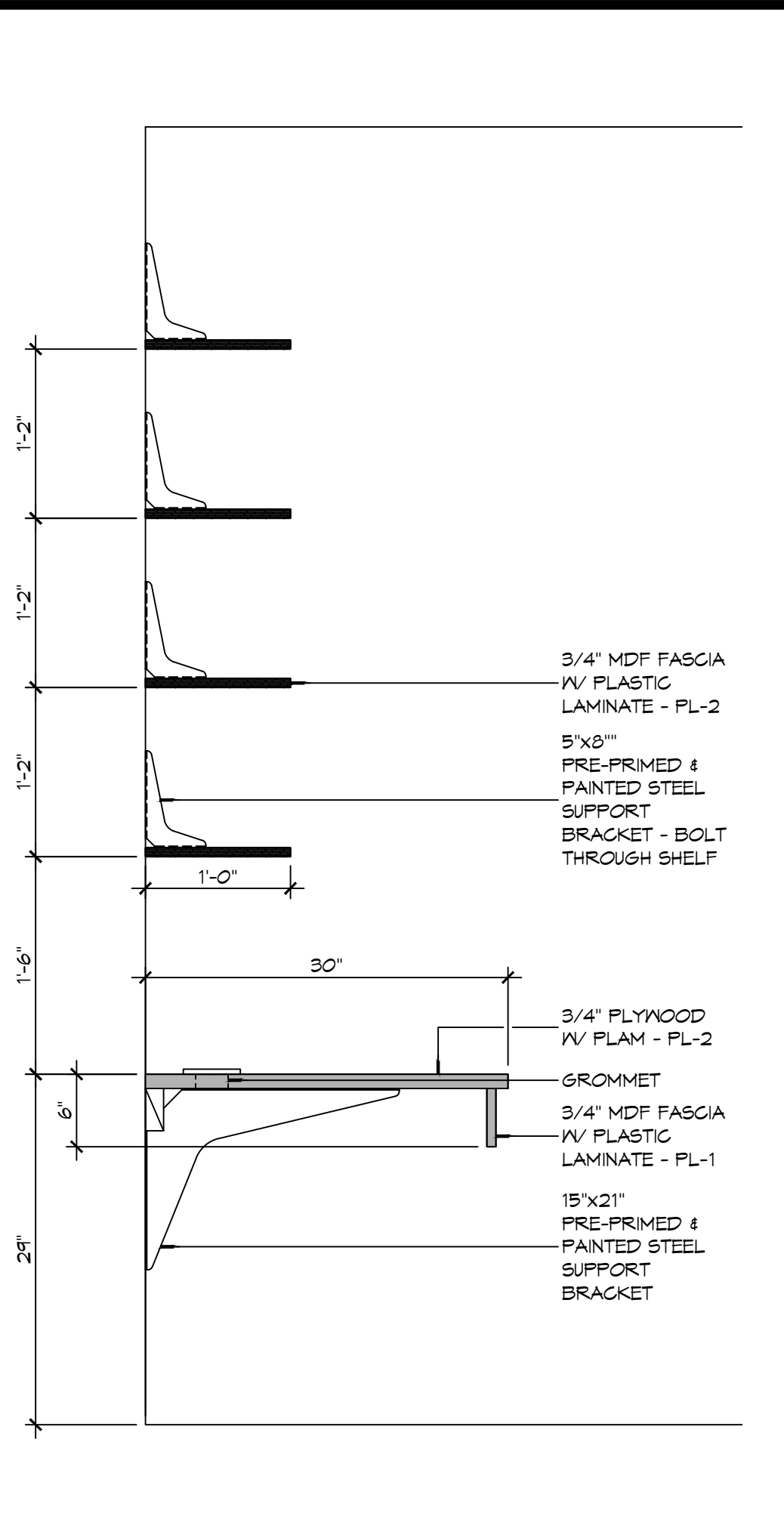
**16 CASEWORK DETAIL**  
SCALE: 1" = 1'-0"  
CABINET AT RANGE/HOOD



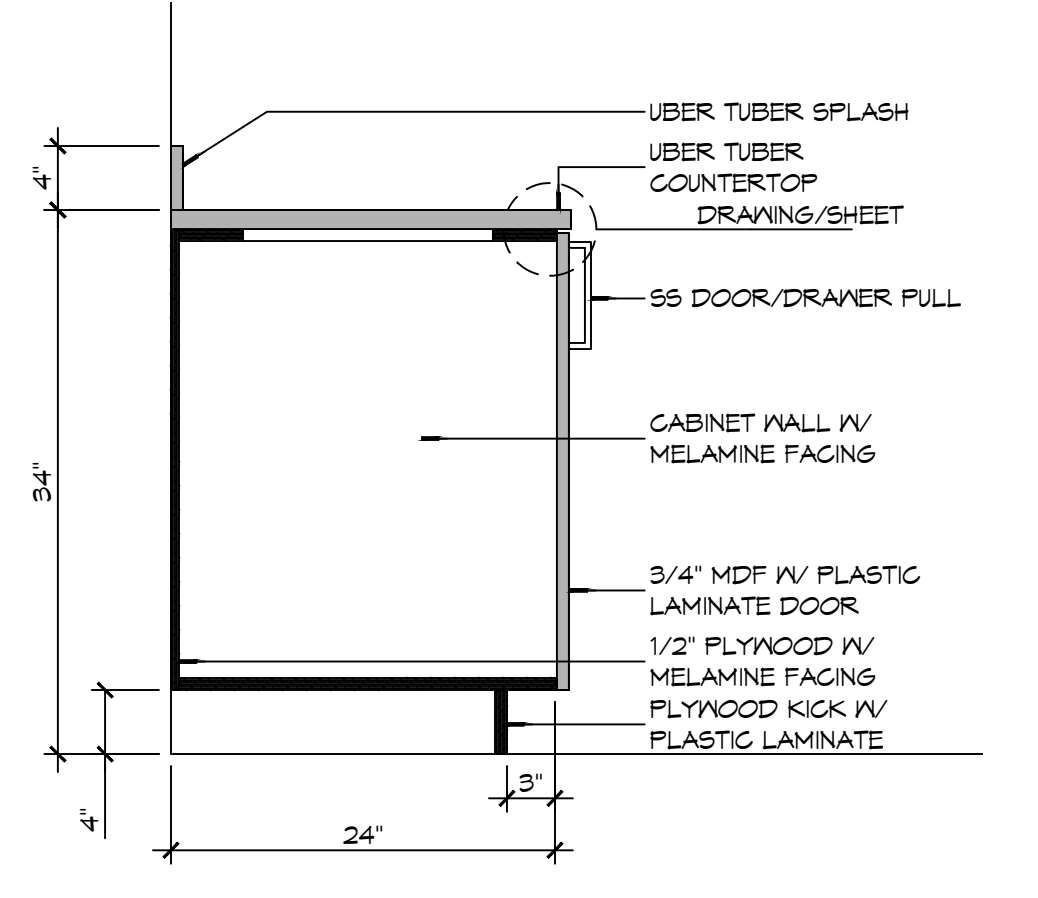
**10 CASEWORK DETAIL**  
SCALE: 1" = 1'-0"  
KITCHEN PENINSULA



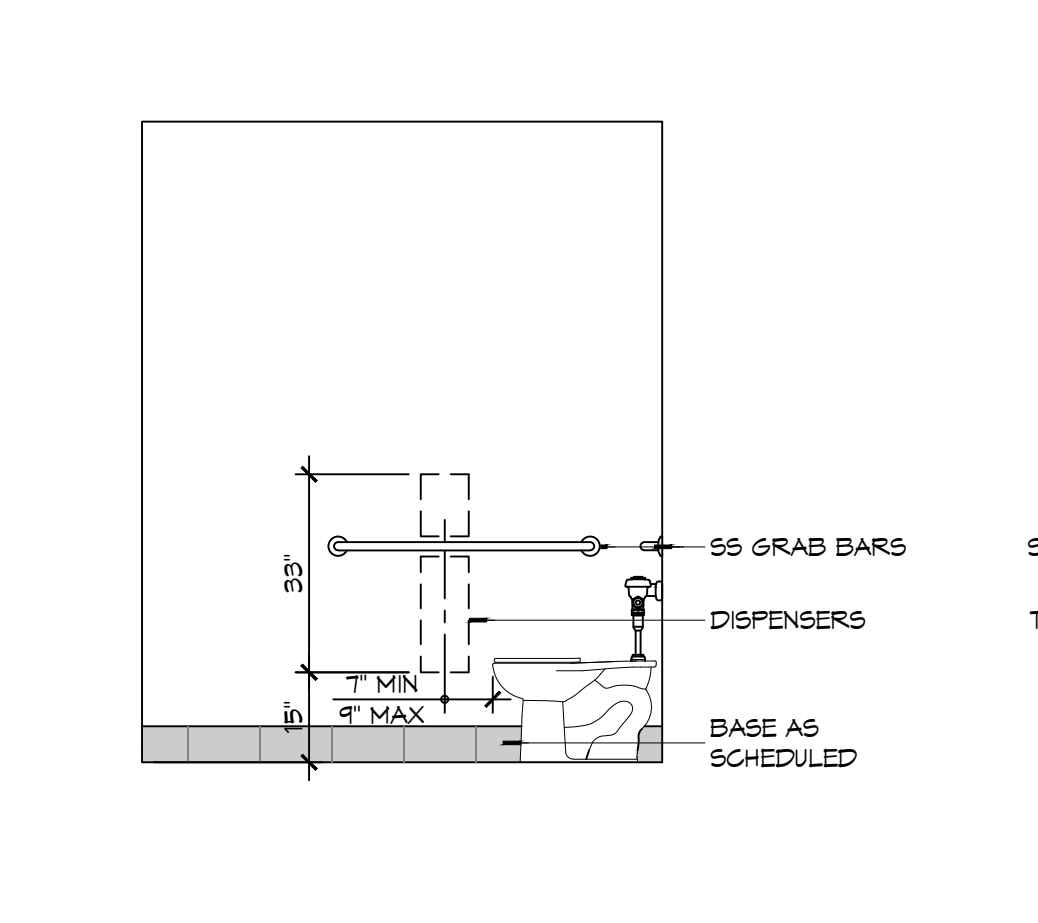
**4 INTERIOR ELEVATION**  
SCALE: 3/8" = 1'-0"  
UTILITY ROOM - 118



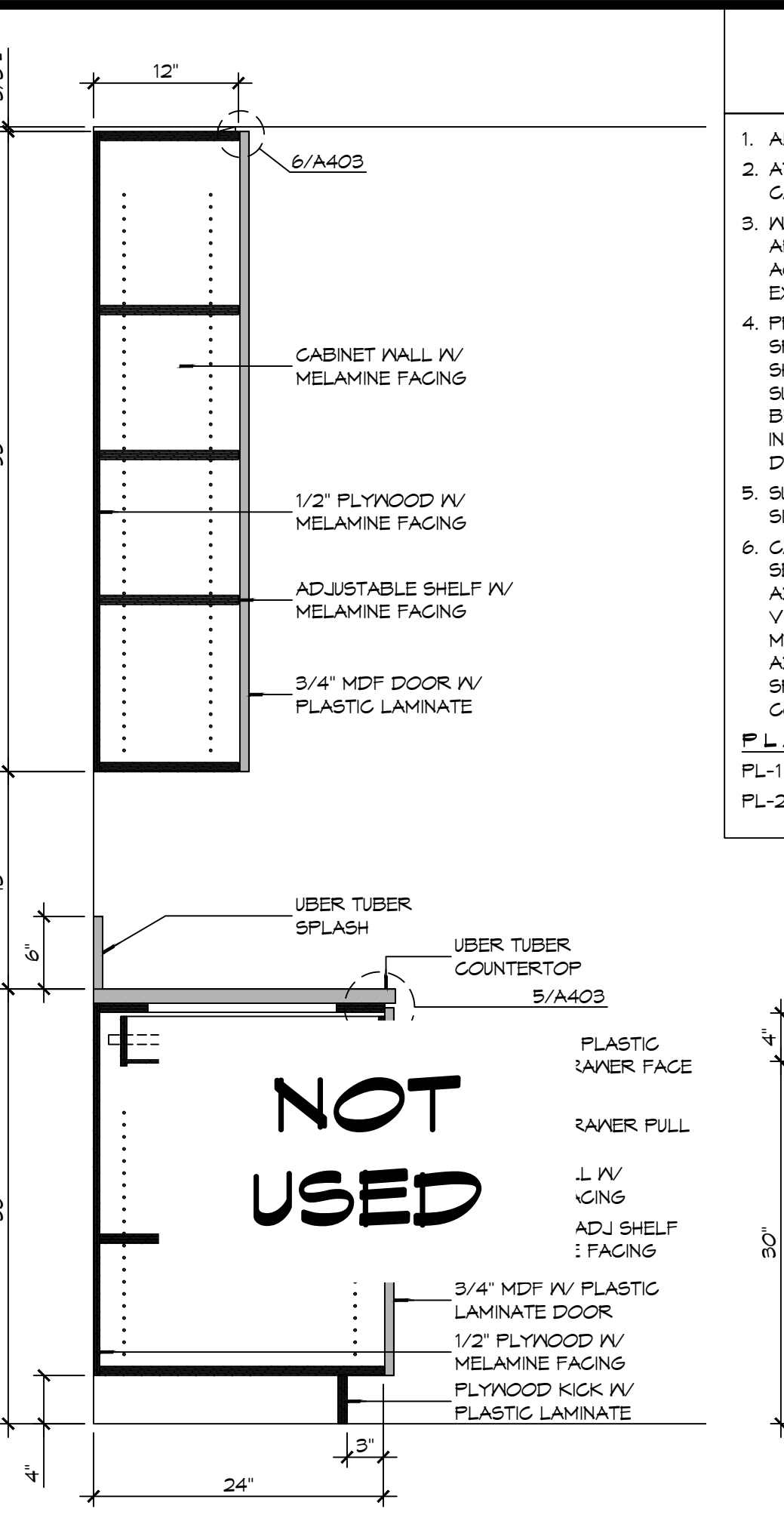
**15 CASEWORK DET**  
SCALE: 1" = 1'-0"  
BUNK ROOM



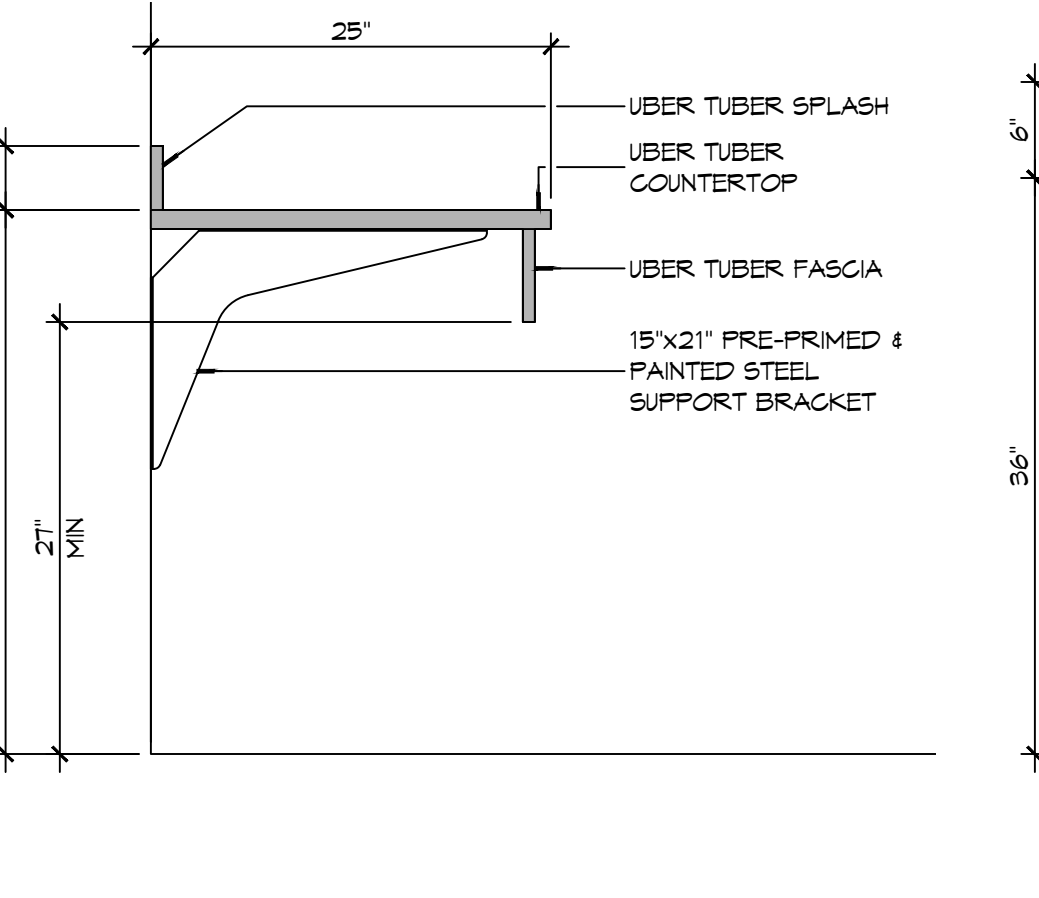
**9 CASEWORK DET**  
SCALE: 1" = 1'-0"  
LAVATORY BASE CABINET



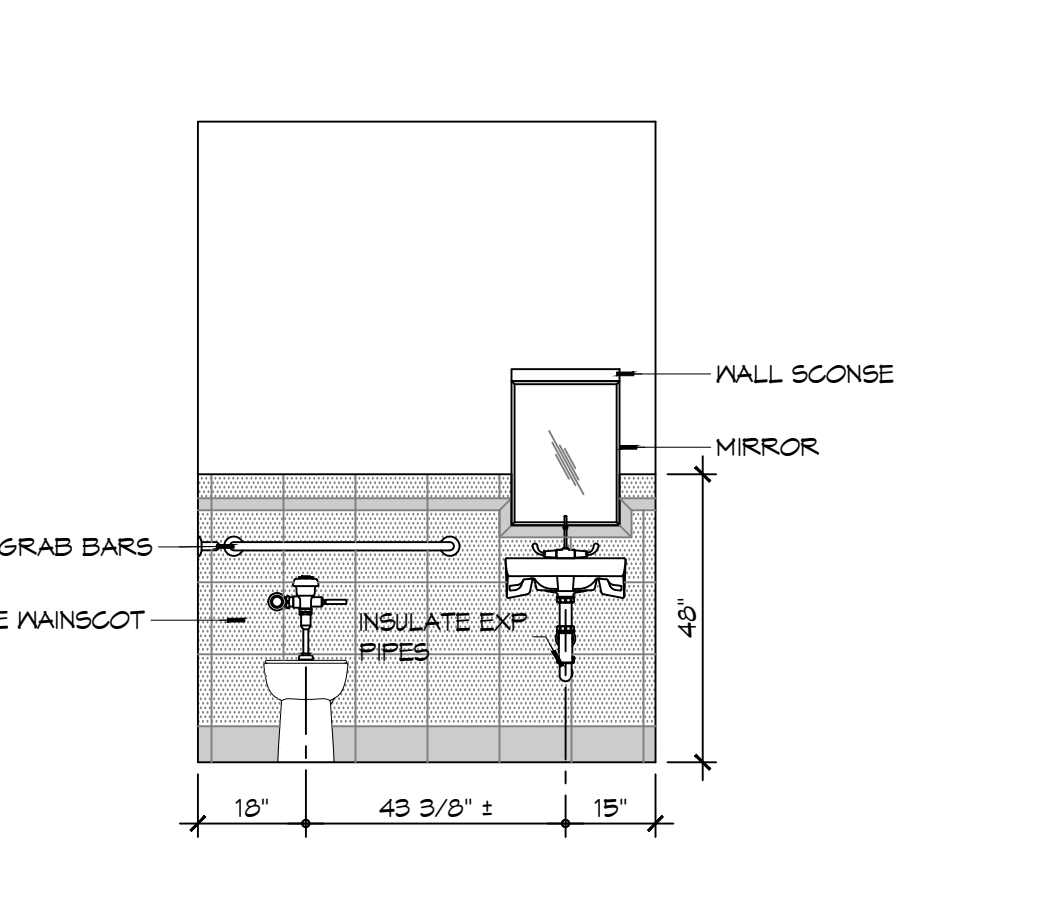
**3 INTERIOR ELEV**  
SCALE: 3/8" = 1'-0"  
REST ROOM - 119



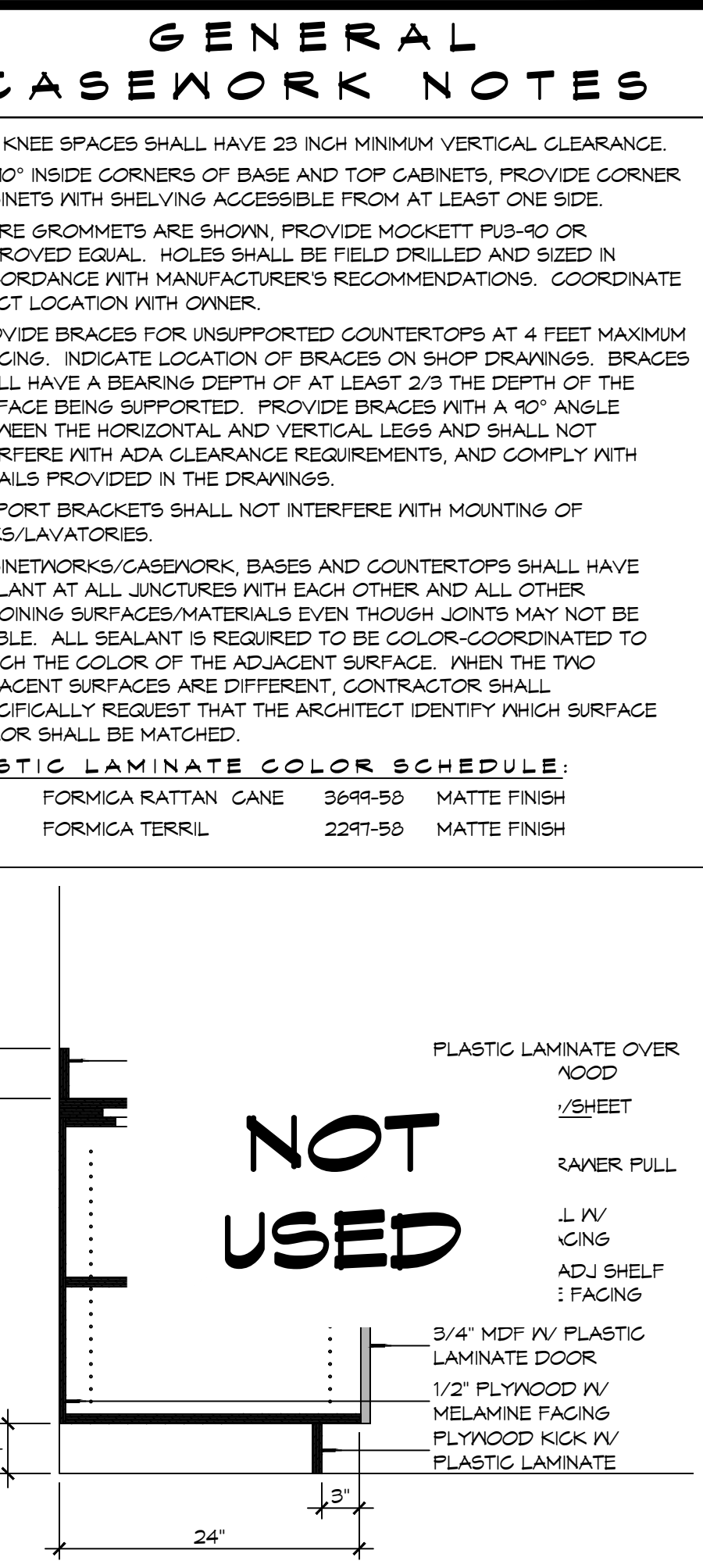
**13 CASEWORK DET**  
SCALE: 1" = 1'-0"  
TYPICAL KITCHEN CABINET



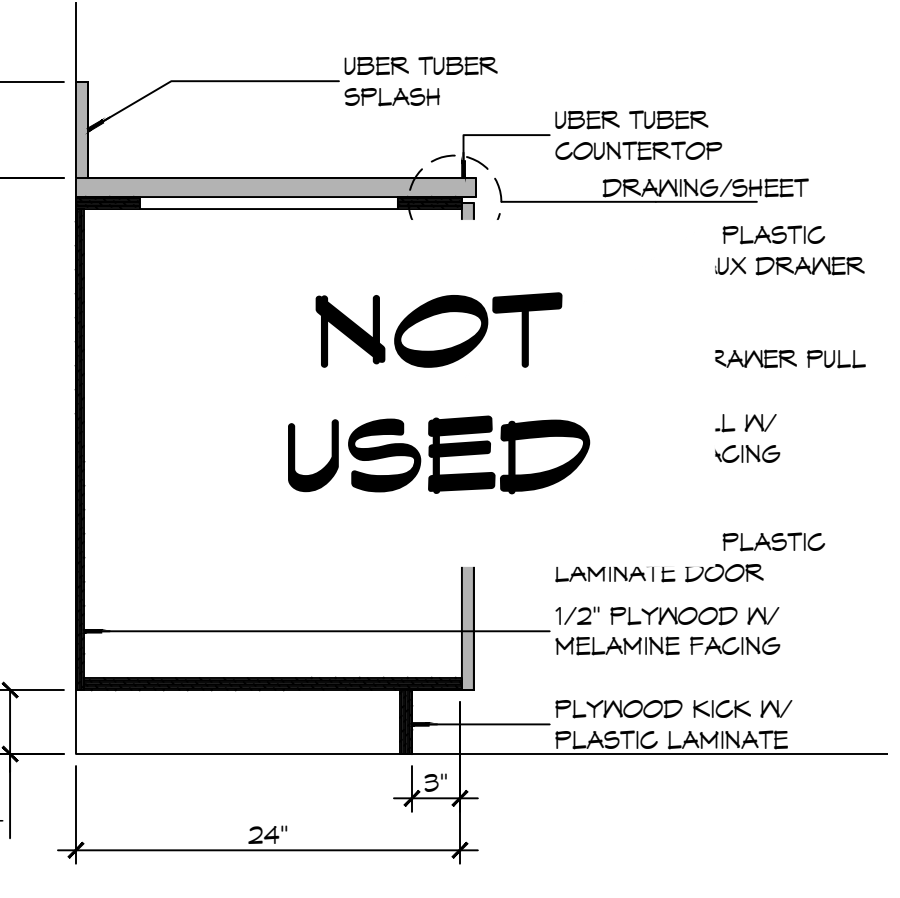
**8 CASEWORK DET**  
SCALE: 1" = 1'-0"  
LAVATORY COUNTER



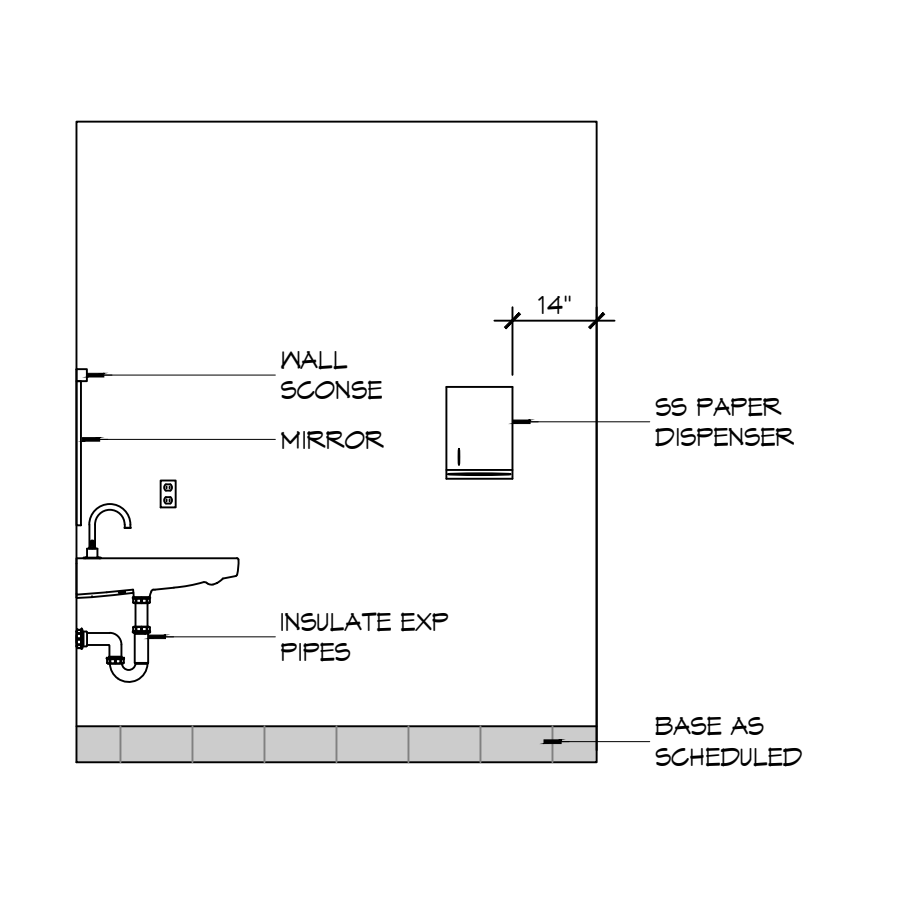
**2 INTERIOR ELEV**  
SCALE: 3/8" = 1'-0"  
REST ROOM - 119



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



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



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

**GENERAL CASEWORK NOTES**

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

**PLASTIC LAMINATE COLOR SCHEDULE:**

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

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JARED M. SIMONEAUX  
REG. NO. 7751  
STATE OF LOUISIANA  
REGISTERED ARCHITECT

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

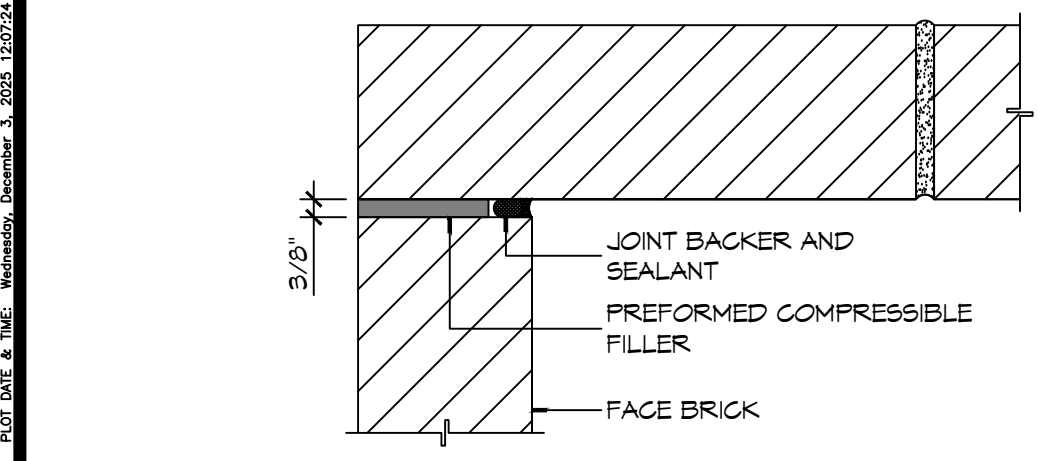
248 LAKESHORE VISTA BLVD  
SLIDELL, LA 70461  
JOB NO: 2519  
DATE: 12-09-2025  
DRAWN BY: JMS  
CHECKED BY: CKD

SHEET TITLE:  
INTERIOR ELEVATIONS AND  
CASEWORK DETAILS

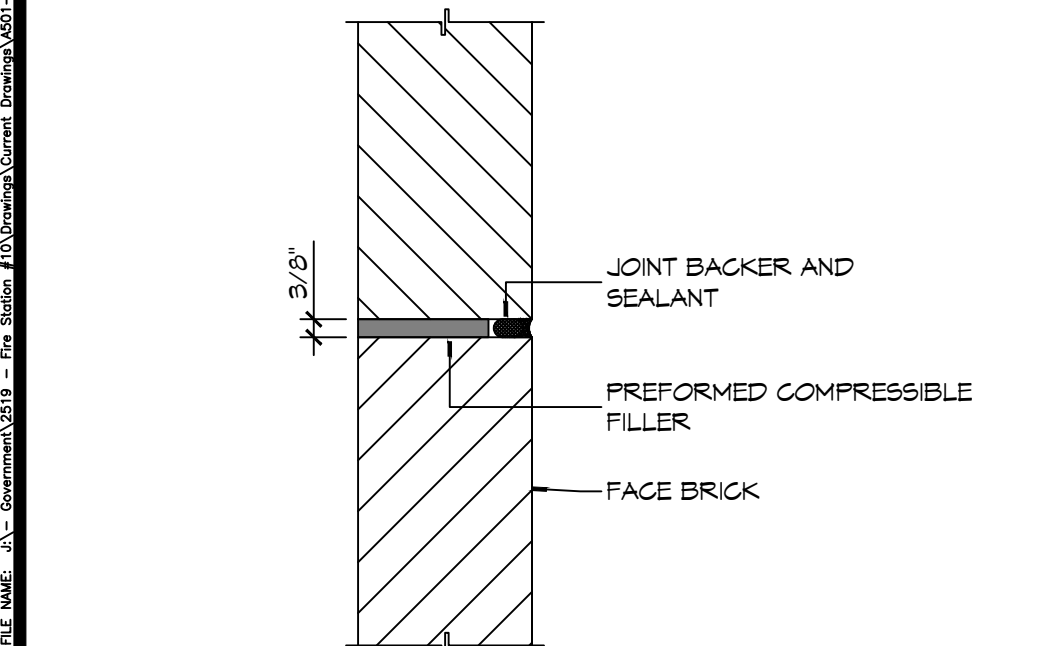
DRAWING NUMBER:  
**A402**

SHEET No: 26 of 31

FILE NAME: J:\\_Common\A501 - Fire Station #10\A501 - Fire Station #10.dwg DATE: 05/11/2025 10:00:00 AM



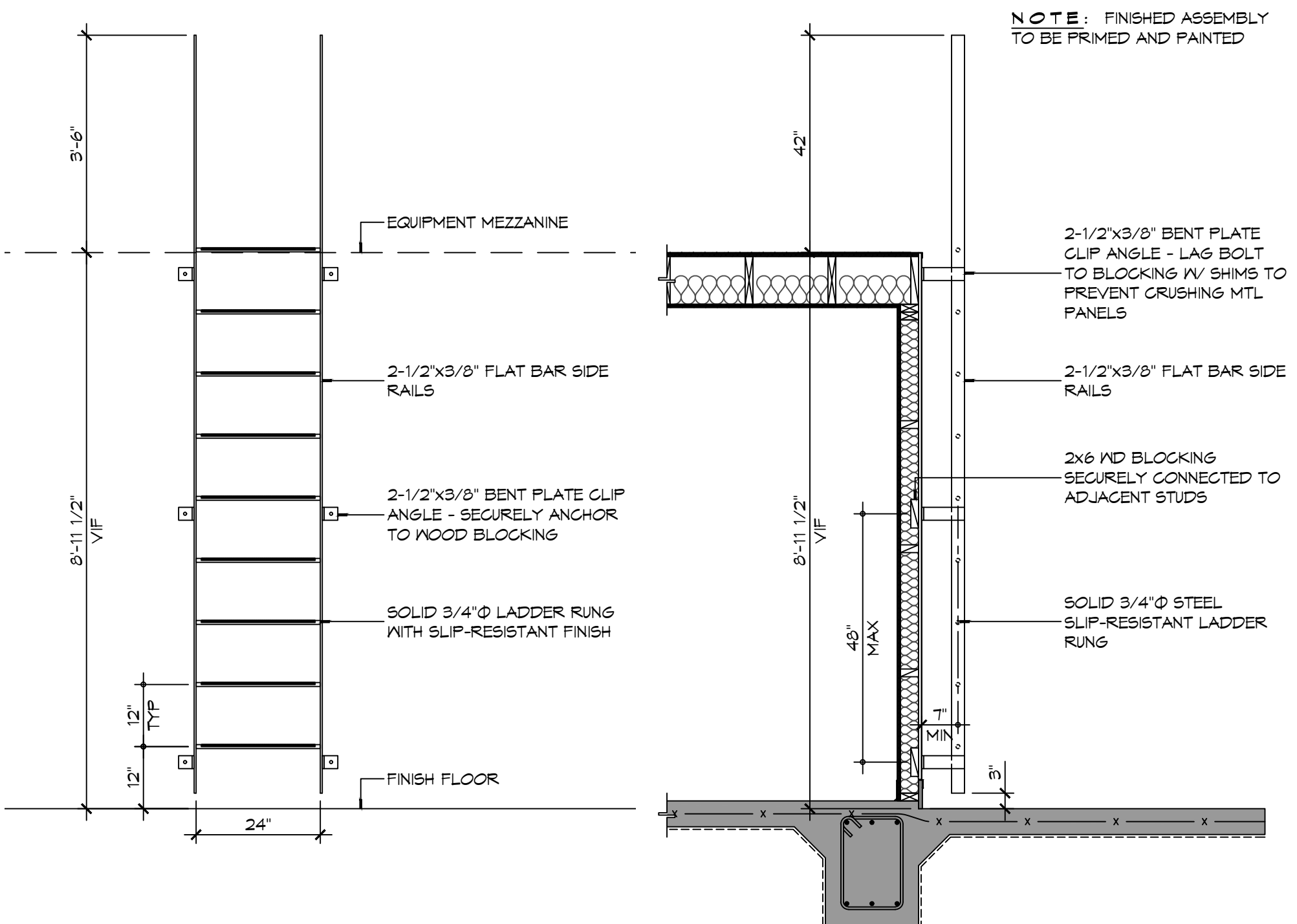
**8 DETAIL**  
SCALE: 3" = 1'-0" TYPICAL MASONRY CONTROL JOINT



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

**NOT USED**

**NOT USED**



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

NOTE: FINISHED ASSEMBLY TO BE PRIMED AND PAINTED

**PARTITION NOTES**

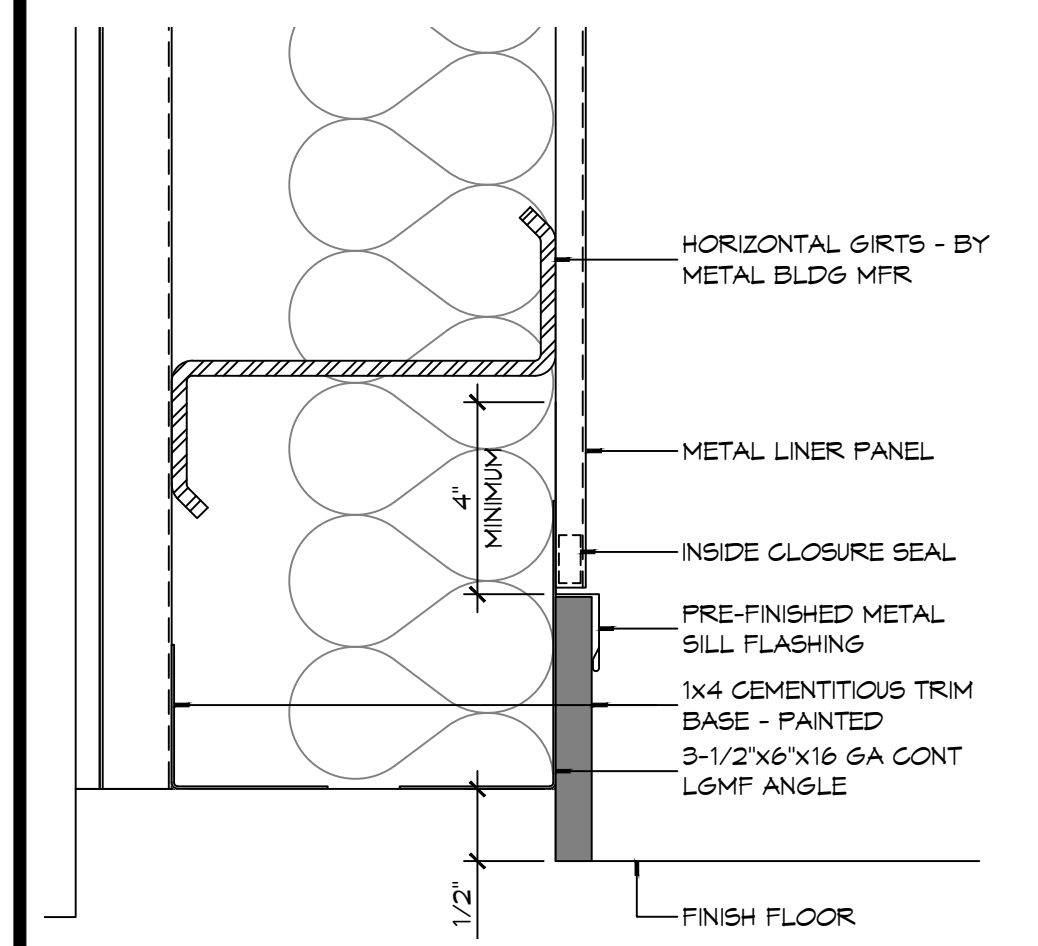
1. THE "PARTITION TYPE TAG", ILLUSTRATED ON SHEET 0001, INDICATES THE ASSEMBLY OF THE GENERAL EXTENTS OF EACH PARTITION INDICATED BY THE TAG ON THE FLOOR PLANS.
2. WHERE RATED PARTITIONS ARE INDICATED, REFER TO THE REFERENCED ASSEMBLY DIRECTORY FOR THE COMPLETE EXTENT OF THE ASSEMBLY CITED.
3. SEE LIFE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

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

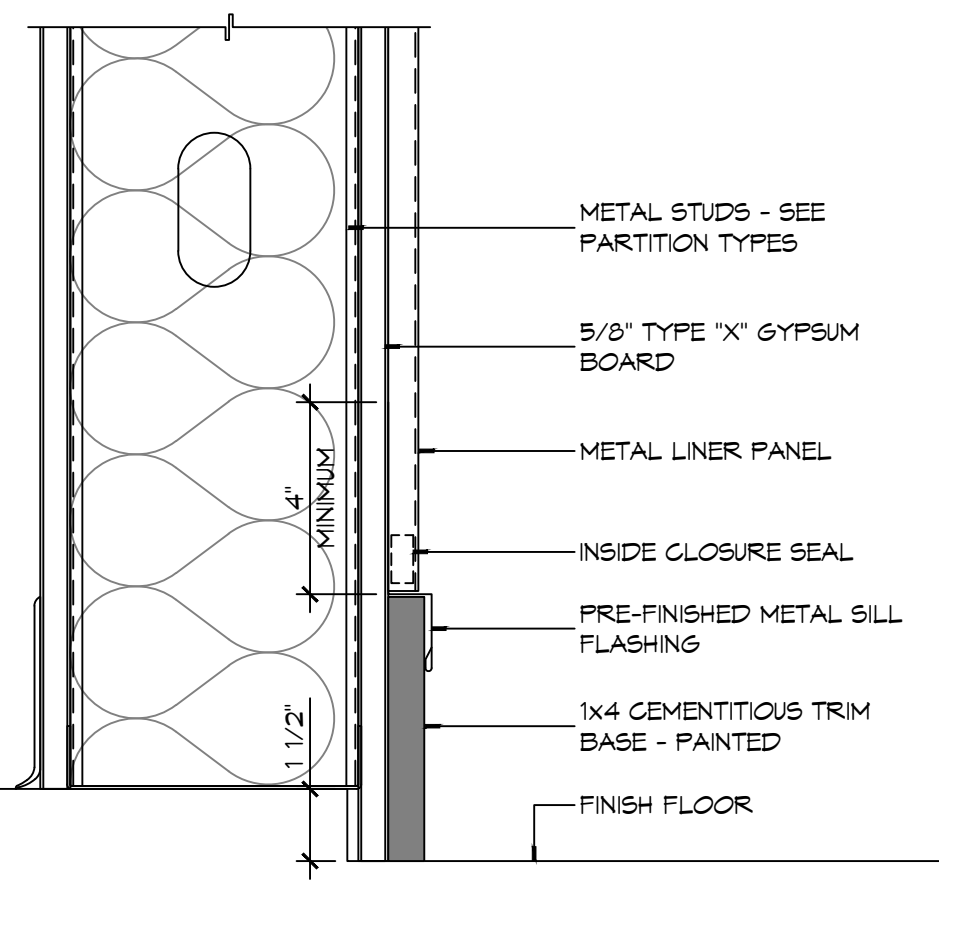
**7 DETAIL**  
SCALE: 1 1/2" = 1'-0" MASONRY SHELF ANGLE AT ROOF

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

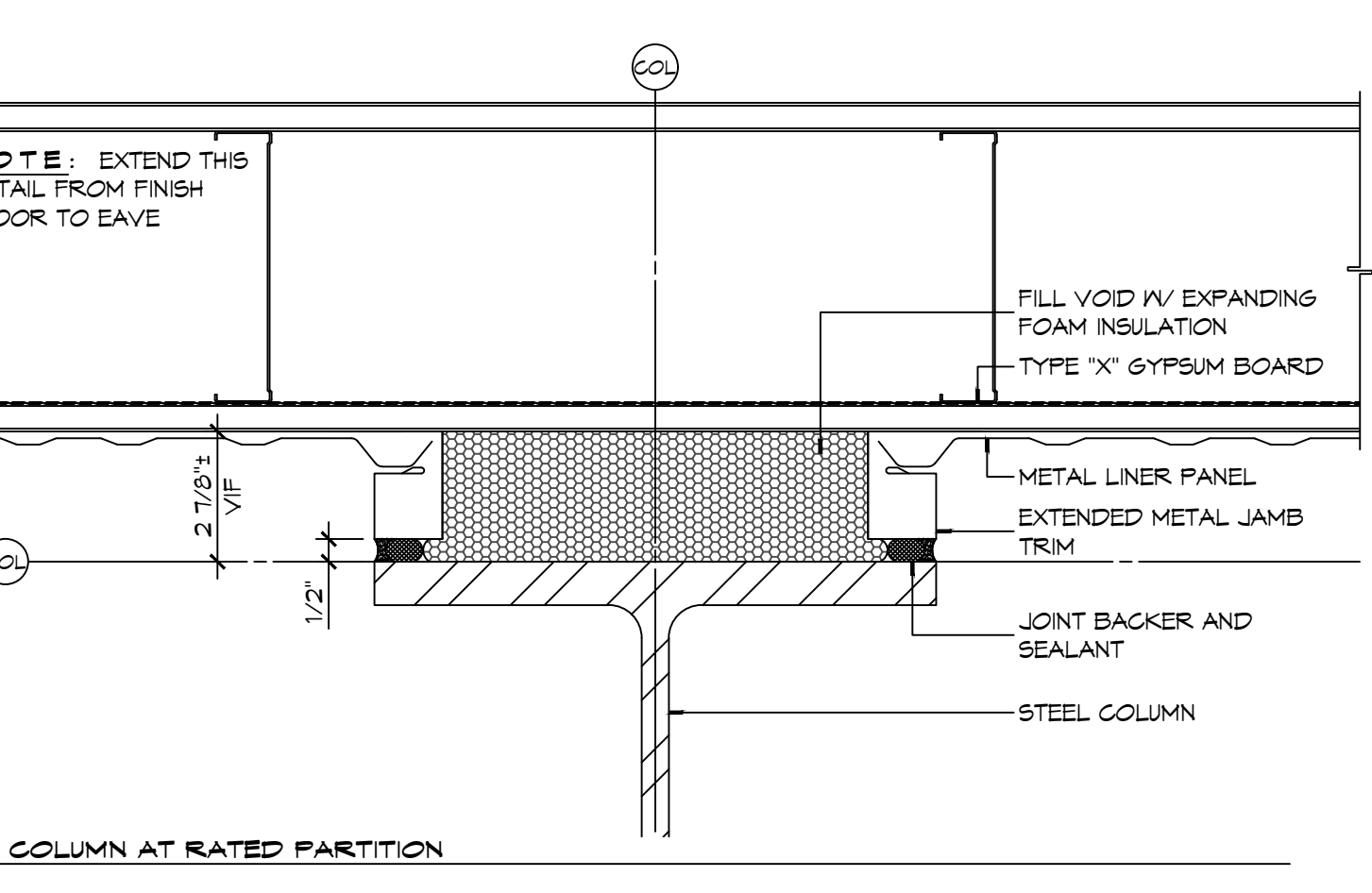
**5 LADDER DETAILS**  
SCALE: 1/2" = 1'-0"



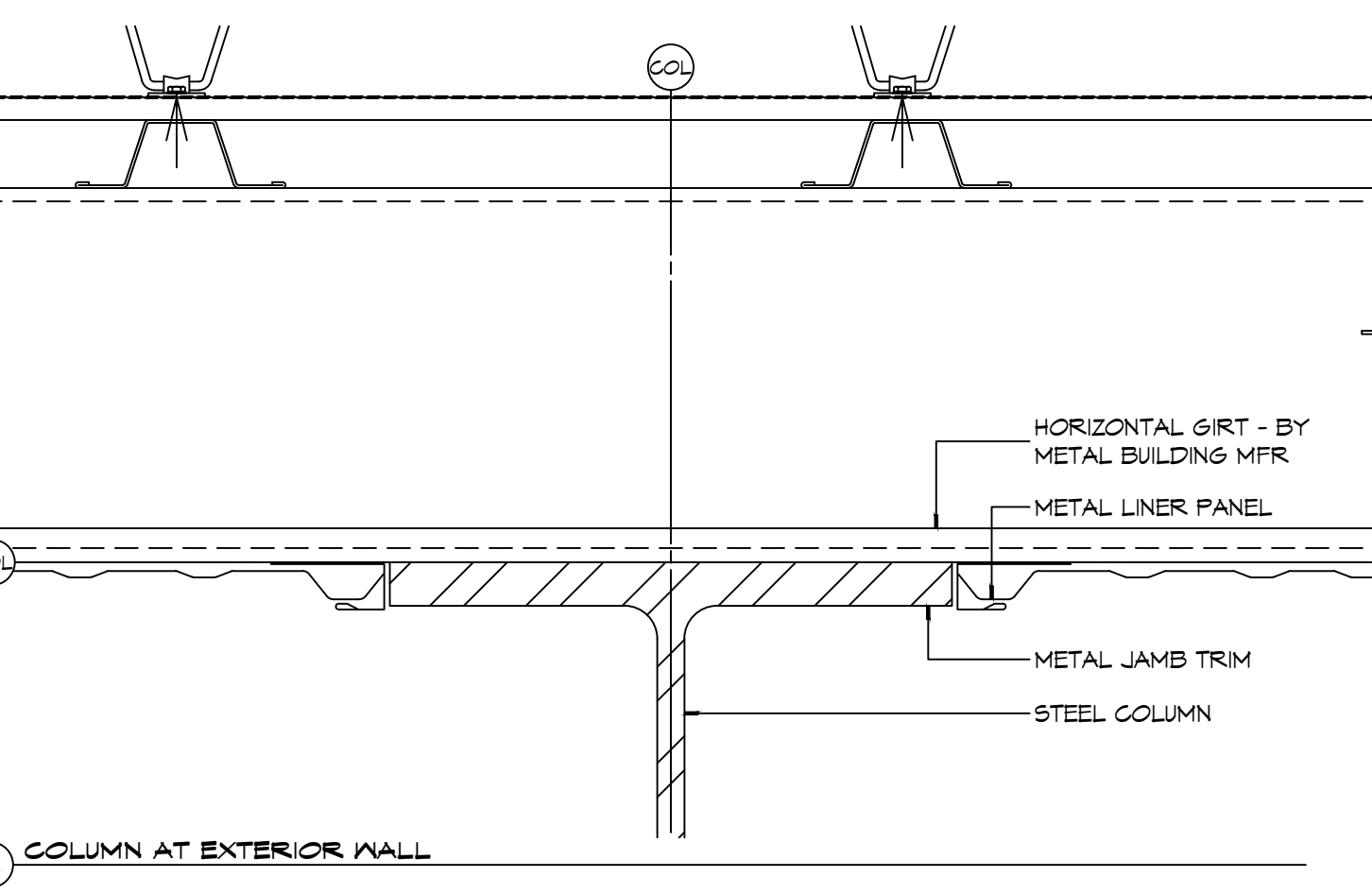
**4 DETAIL**  
SCALE: 3" = 1'-0" TYPICAL BASE/LINER PANEL JUNCTION



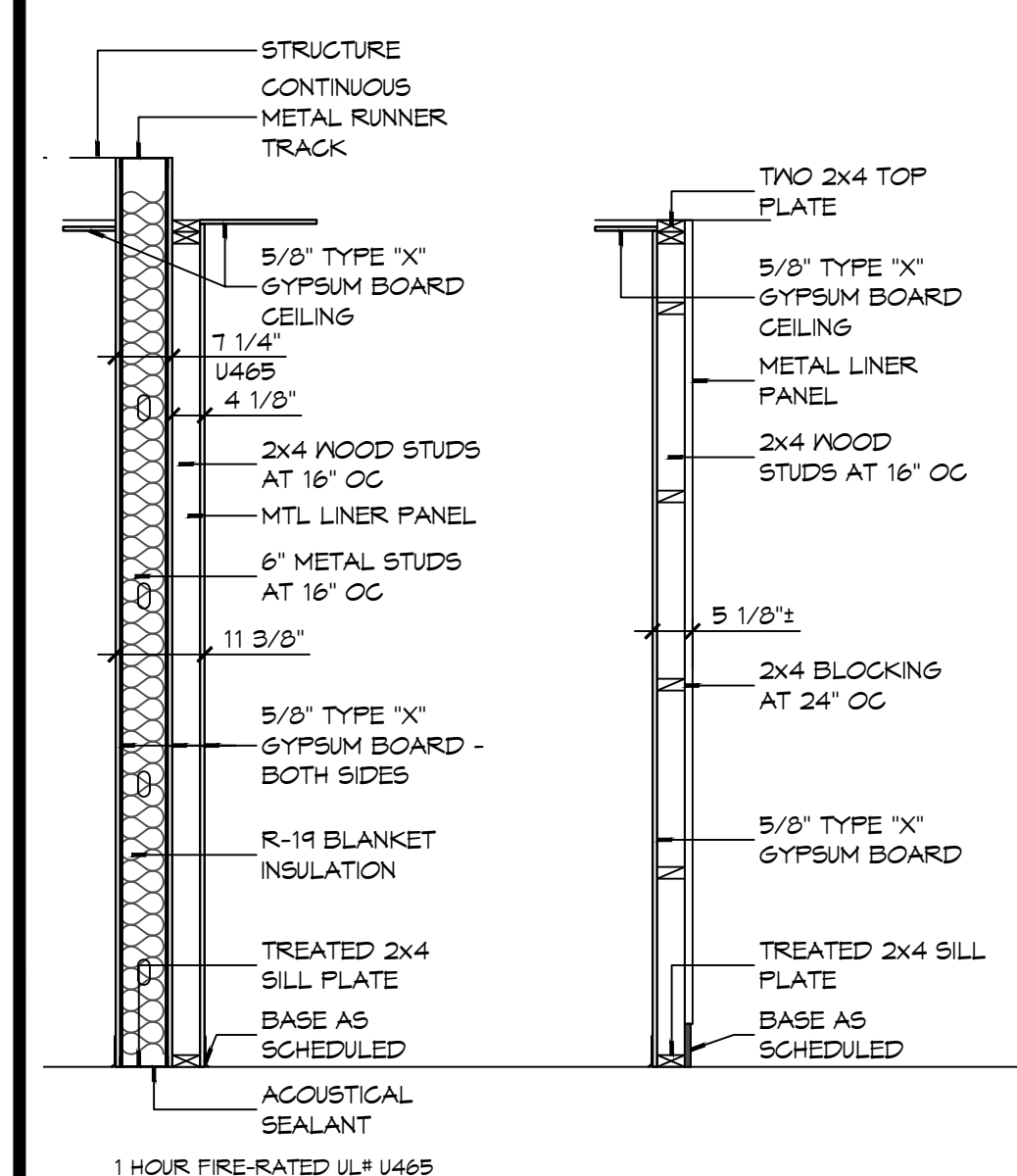
**3 DETAIL**  
SCALE: 3" = 1'-0" TYPICAL BASE/LINER PANEL JUNCTION



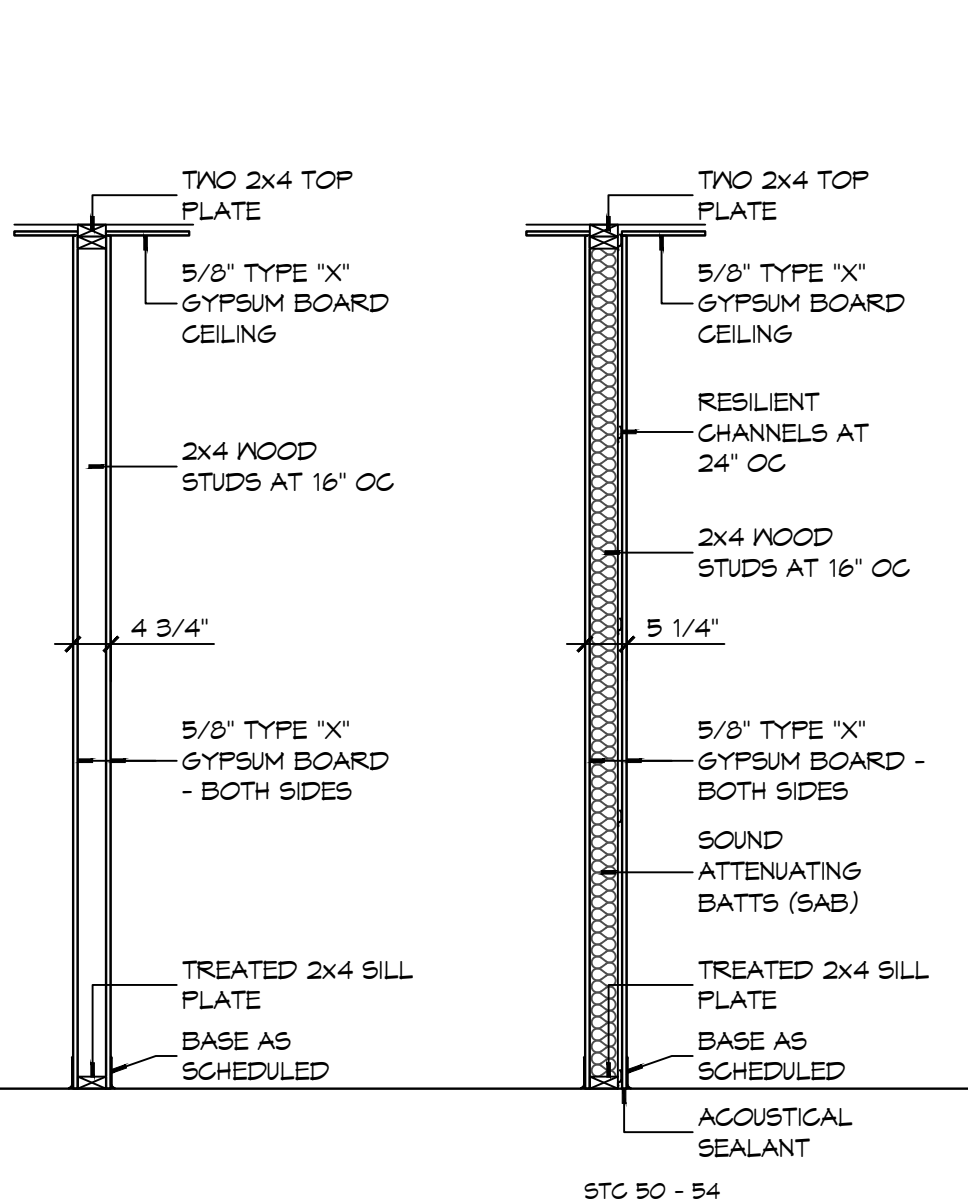
**2 PLAN DETAILS**  
SCALE: 3" = 1'-0"



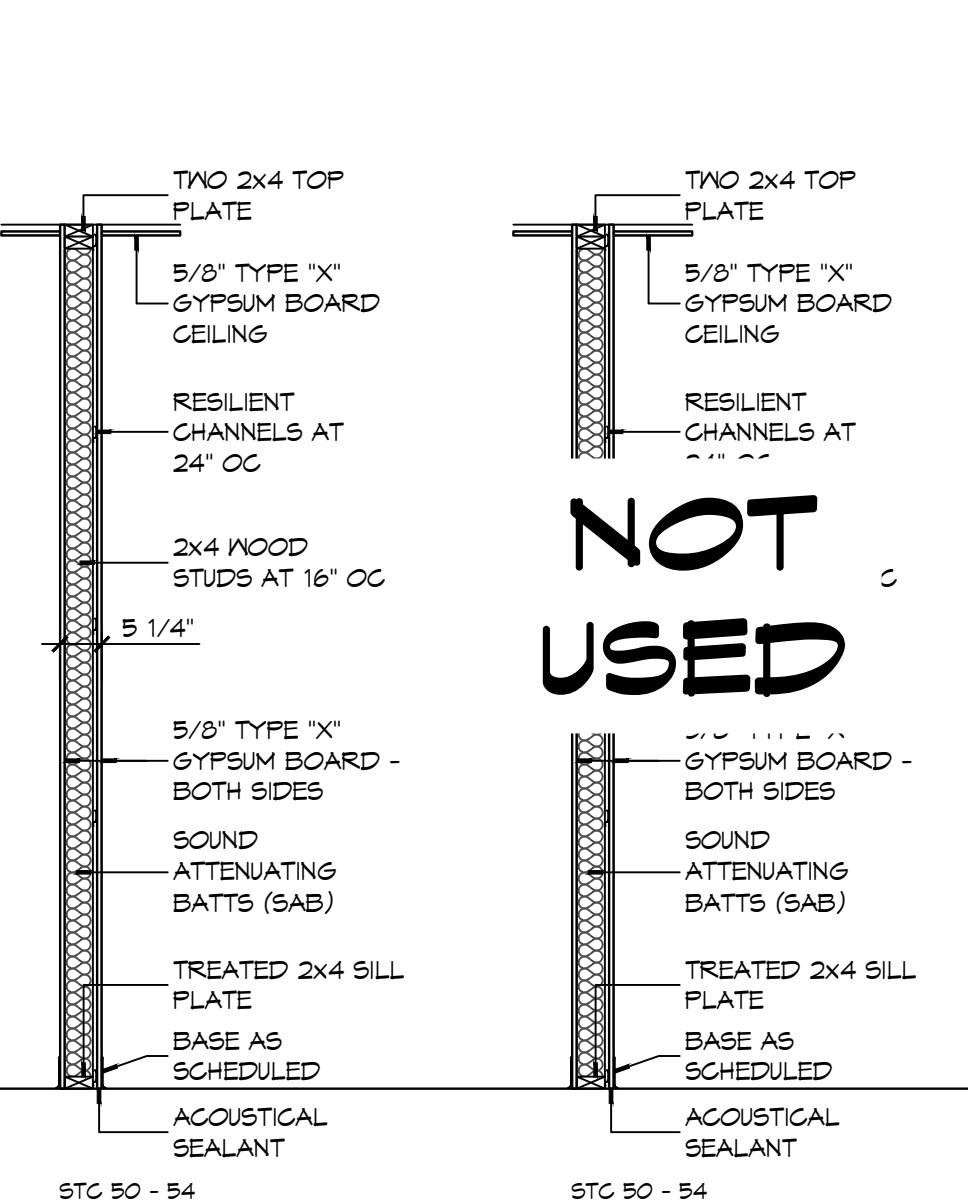
**A COLUMN AT EXTERIOR WALL**  
TYPICAL COLUMN/LINER PANEL JUNCTION



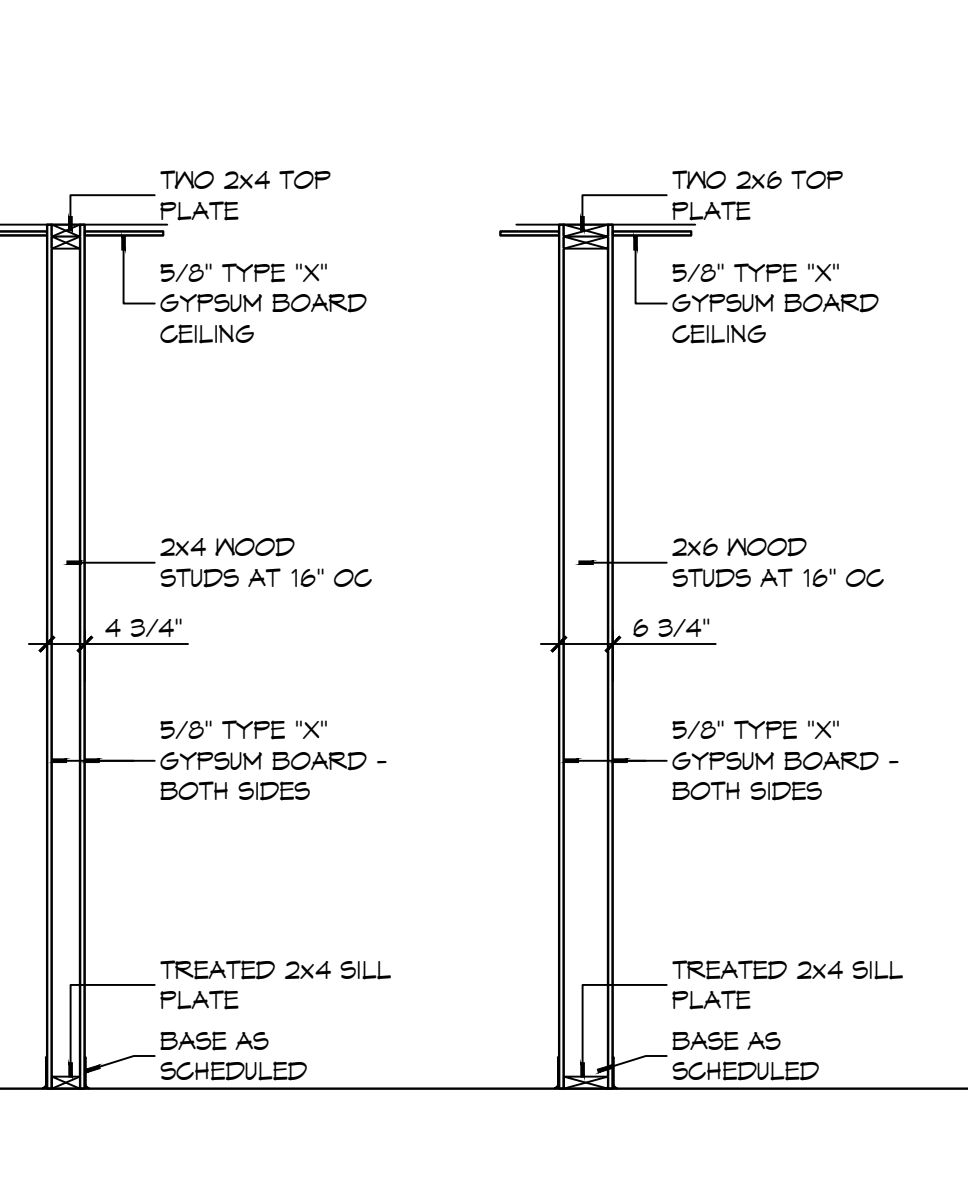
**1 PARTITION TYPES**  
SCALE: 1/2" = 1'-0"



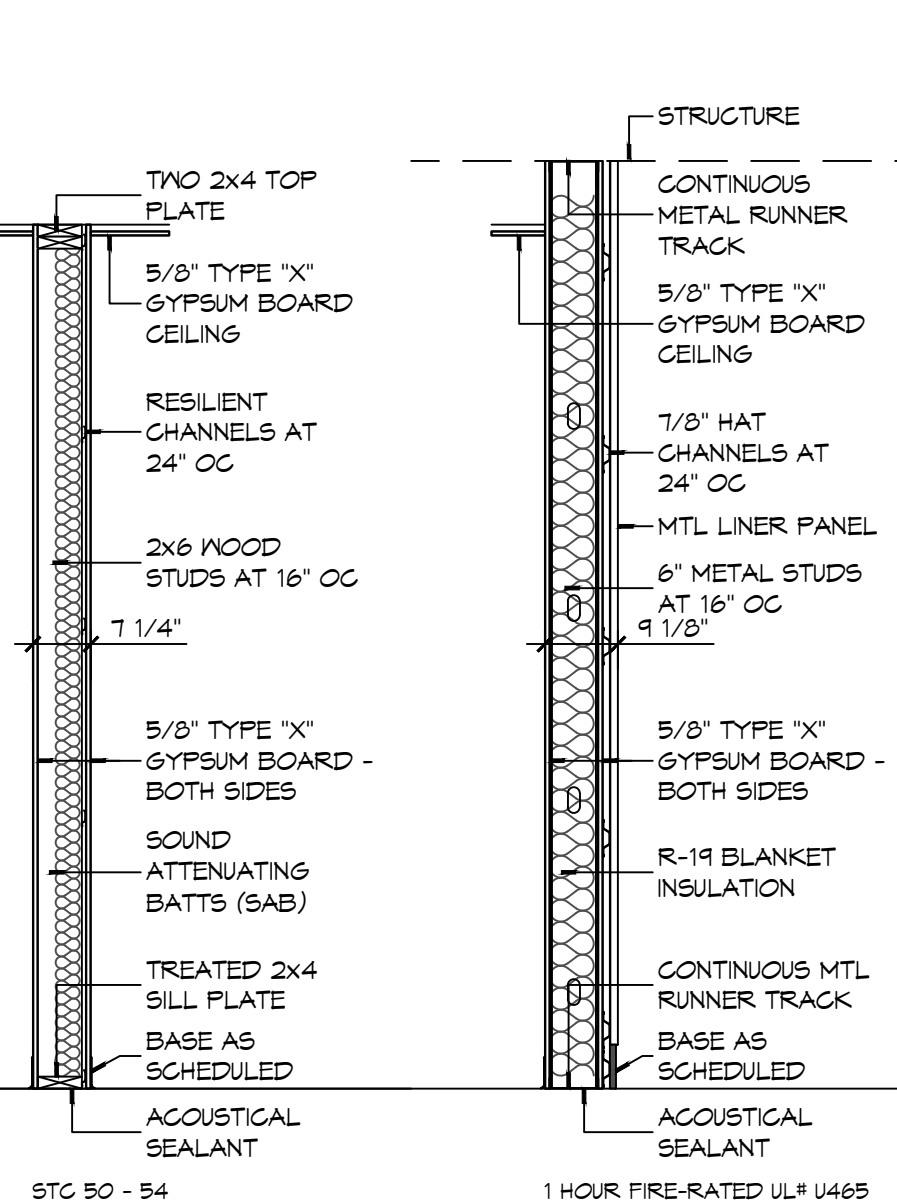
**1 PARTITION TYPES**  
SCALE: 1/2" = 1'-0"



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



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



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

**STENCIL DETAIL**

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

THE ABOVE WORDING SHALL BE LOCATED AT 10'-0" INTERVALS ABOVE CEILING ON FIRE PARTITIONS NO LESS THAN ONCE FOR EACH SPACE.

PROVIDE PAINTED STENCIL LETTERING IN RED PERMANENT PAINT ABOVE CEILING LINE INDICATING WALL RATINGS.

STATE FIRE RATING INDICATED ON LIFE SAFETY PLAN.

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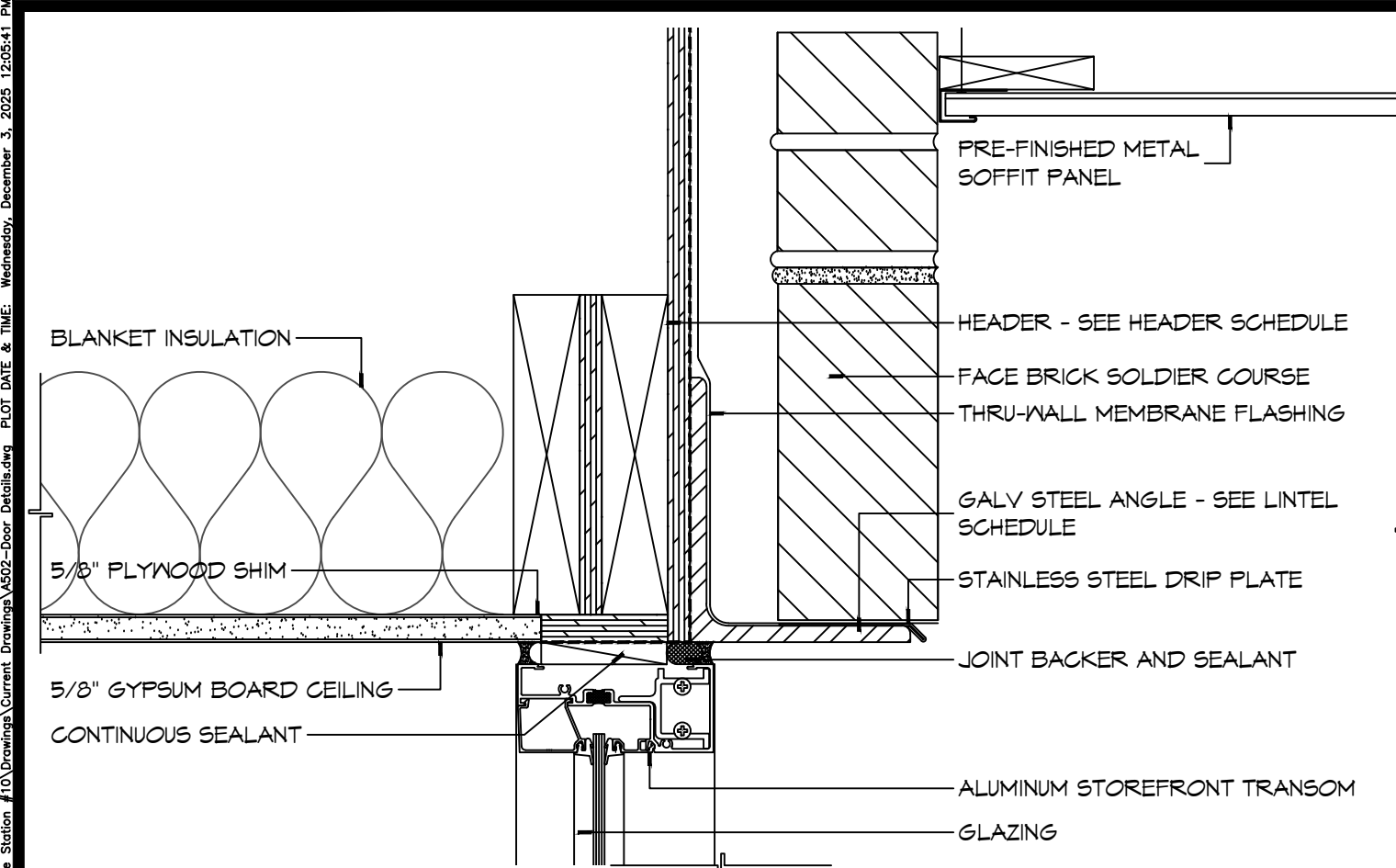
**NEW FIRE STATION #10**  
**ST. TAMMANY FIRE PROTECTION DISTRICT No. 1**

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

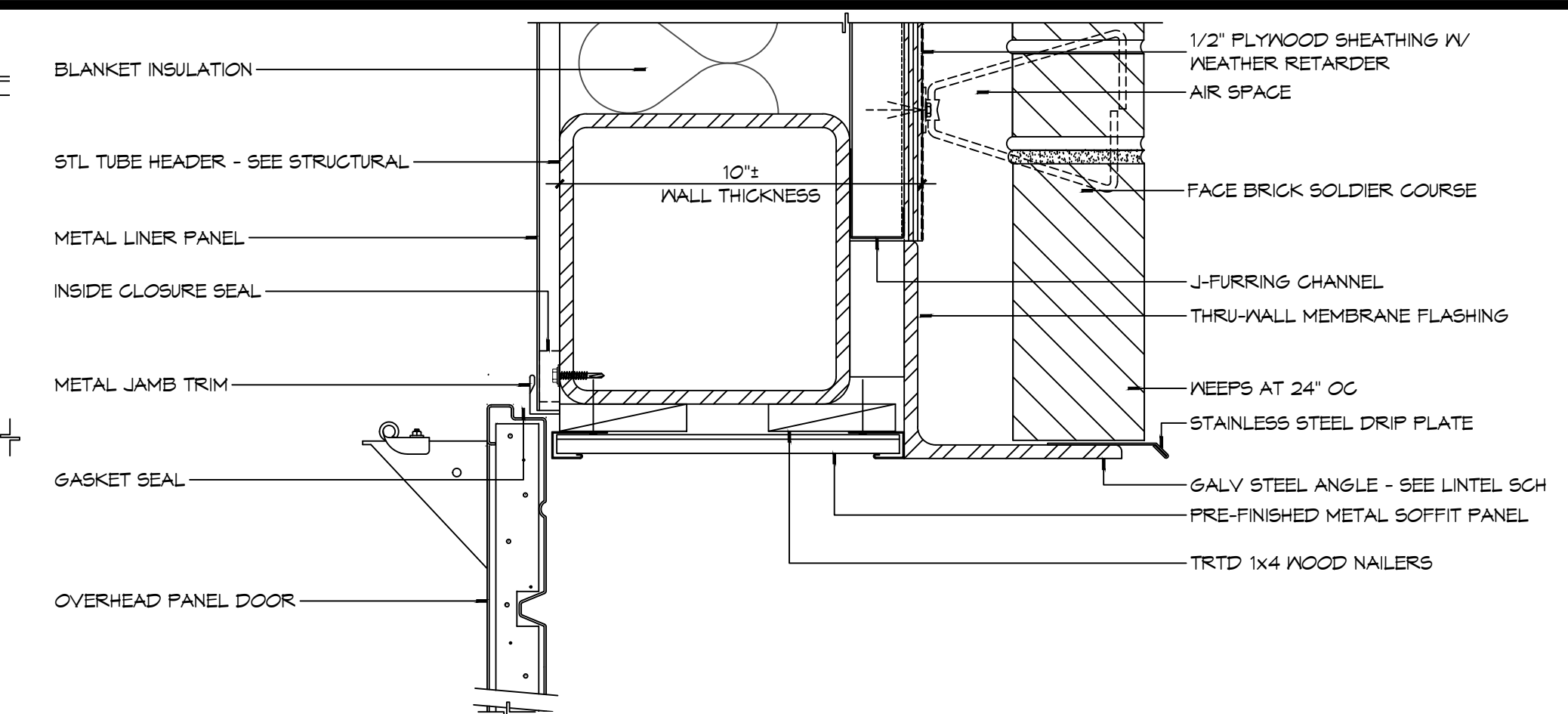
SHEET TITLE:  
PARTITION TYPES,  
MISCELLANEOUS DETAILS

DRAWING NUMBER:  
**A501**

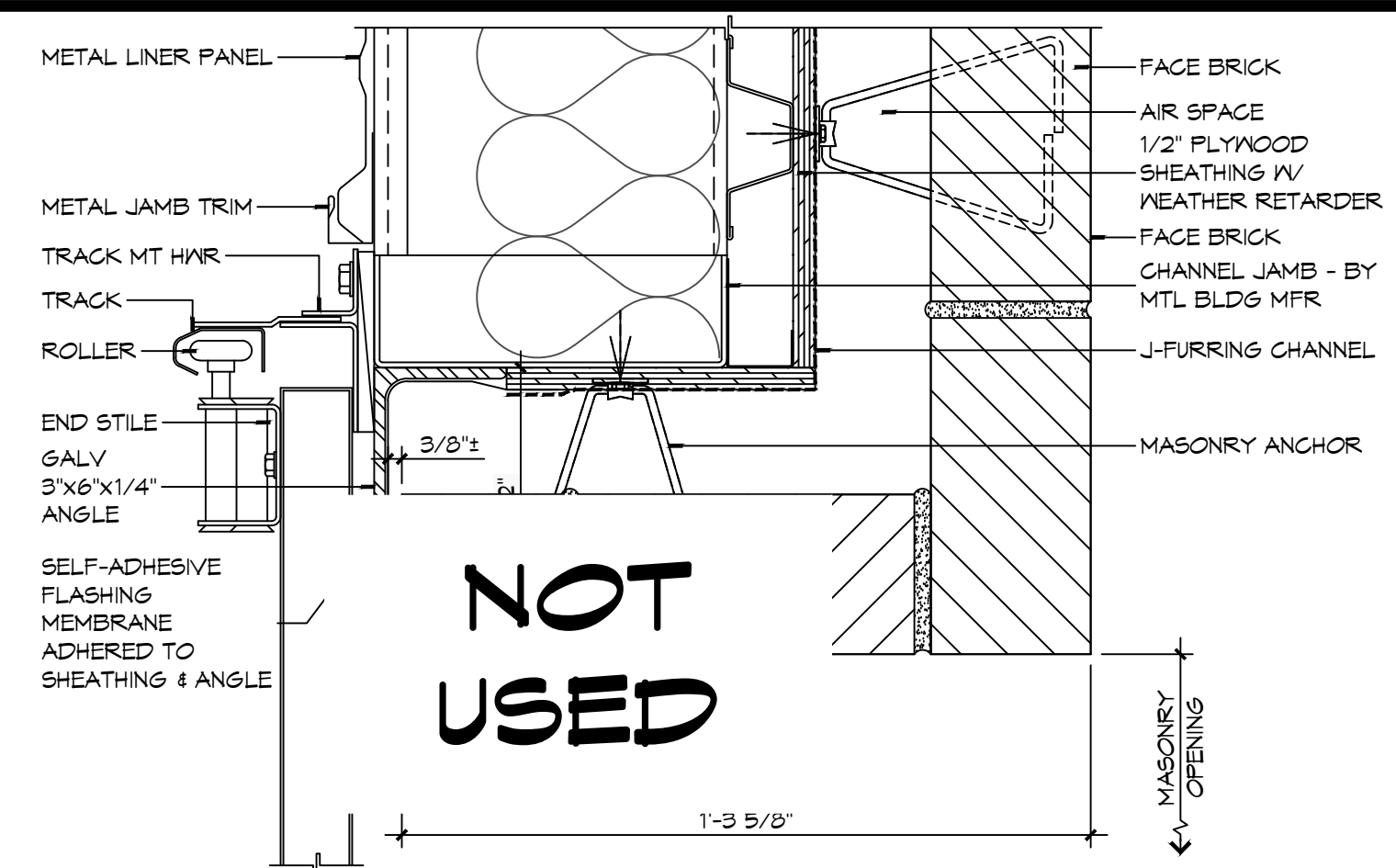
SHEET No: 27 of 37



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

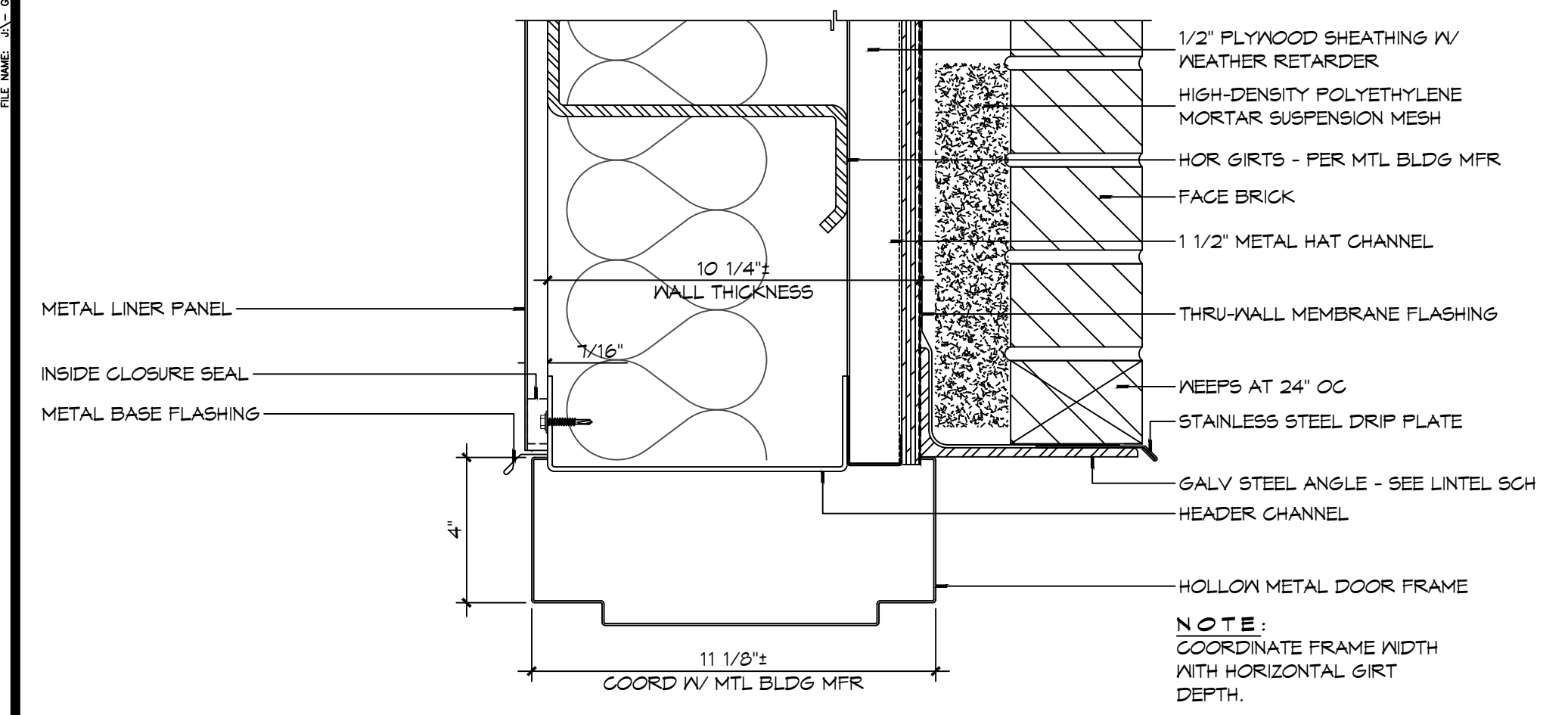


**20 DOOR DETAIL**  
SCALE: 3" = 1'-0"  
HEAD

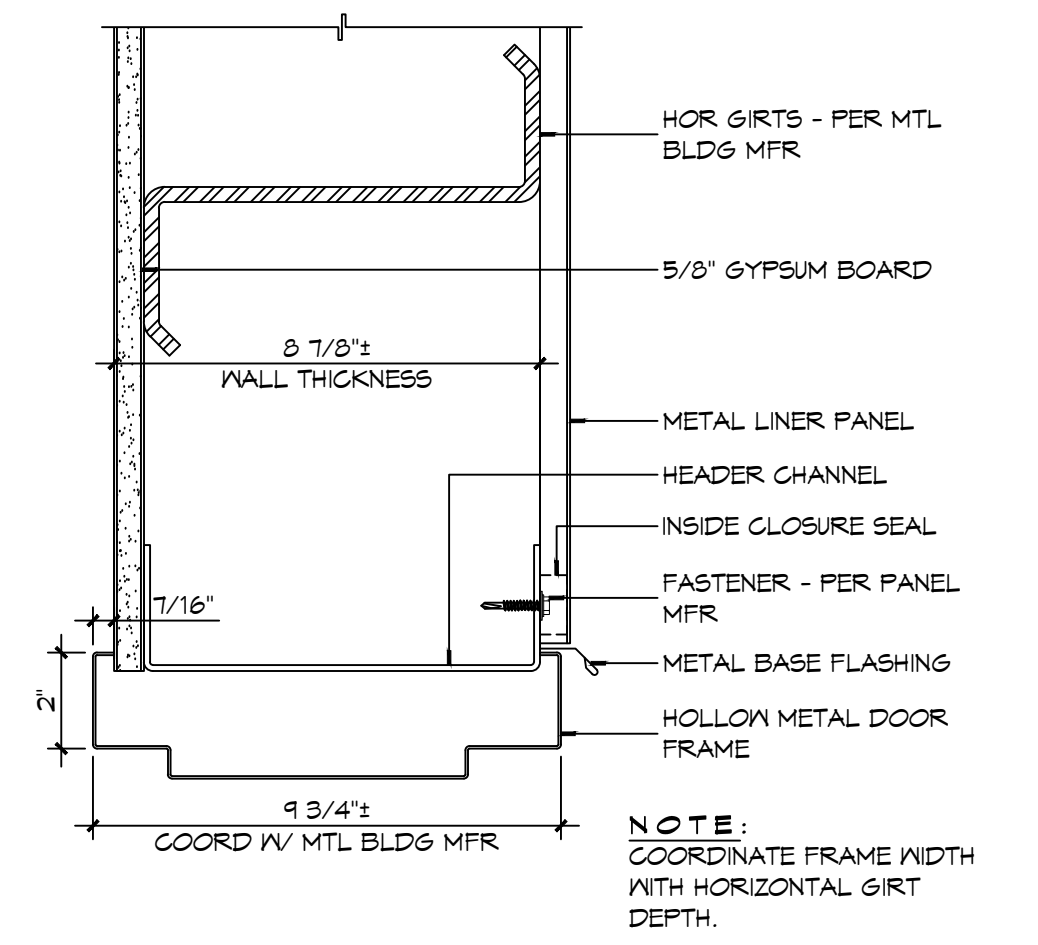


**19 DOOR DETAIL**  
SCALE: 3" = 1'-0"  
JAMB

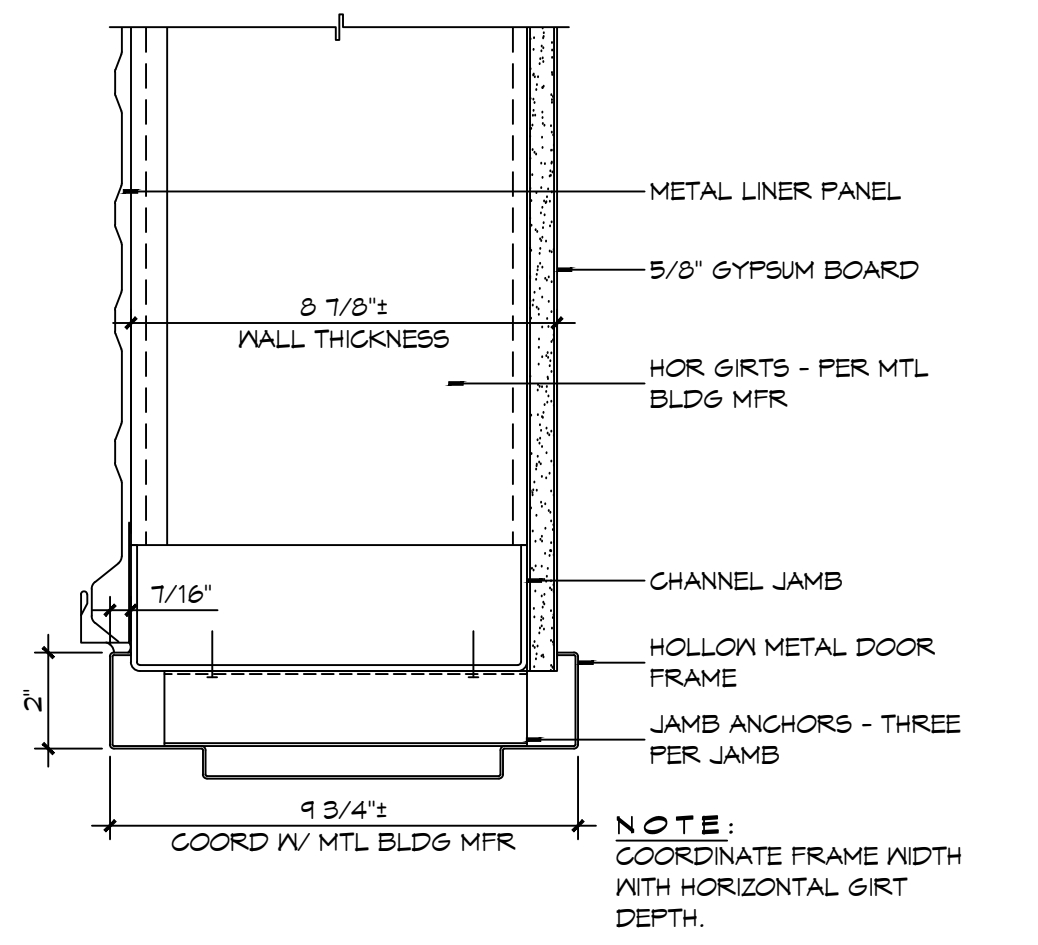
- ### DOOR AND FRAME NOTES
- HOLLOW METAL FRAME DIMENSIONS INDICATED IN THE DETAILS ARE NOMINAL. MANUFACTURER'S STANDARD WIDTH FRAME, WITH THROAT OPENING APPROPRIATE TO WALL TYPE MAY BE PROPOSED IN SHOP DRAWINGS, IF NO OTHER MODIFICATIONS OF THE DETAIL IS REQUIRED.
  - PROVIDE WOOD BLOCKING OR FLAT STRAP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



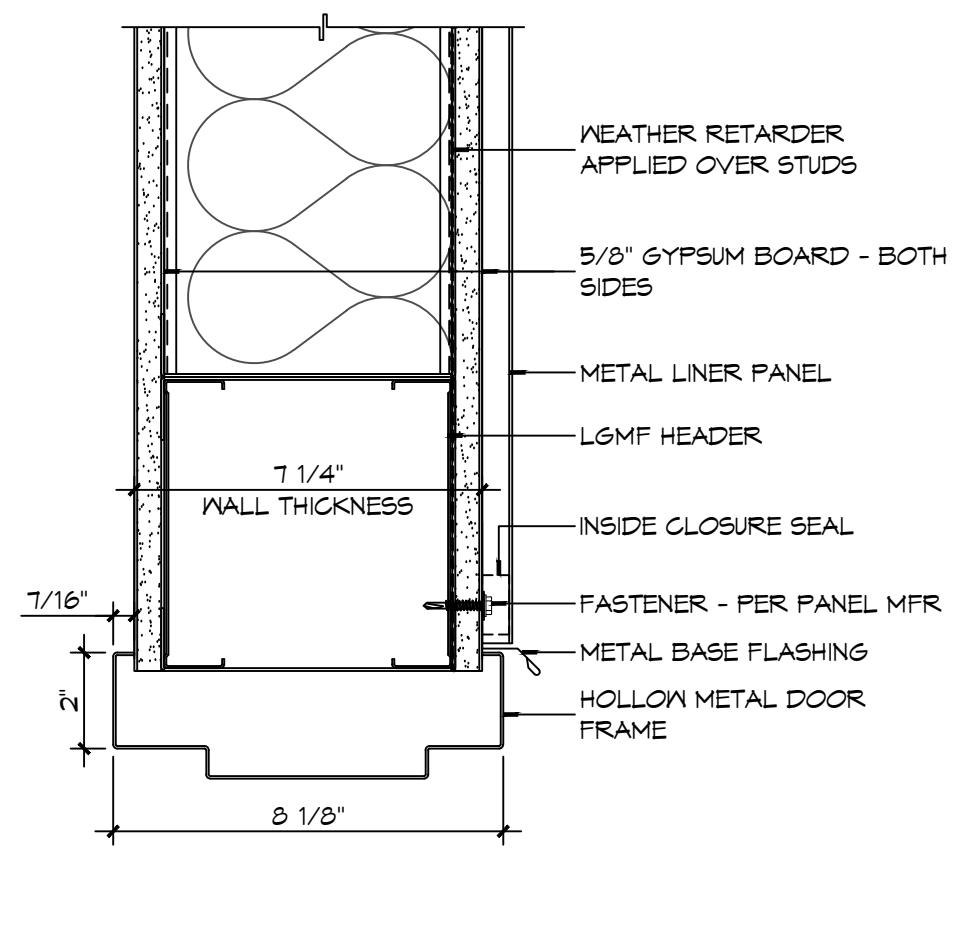
**18 DOOR DETAIL**  
SCALE: 3" = 1'-0"  
HEAD



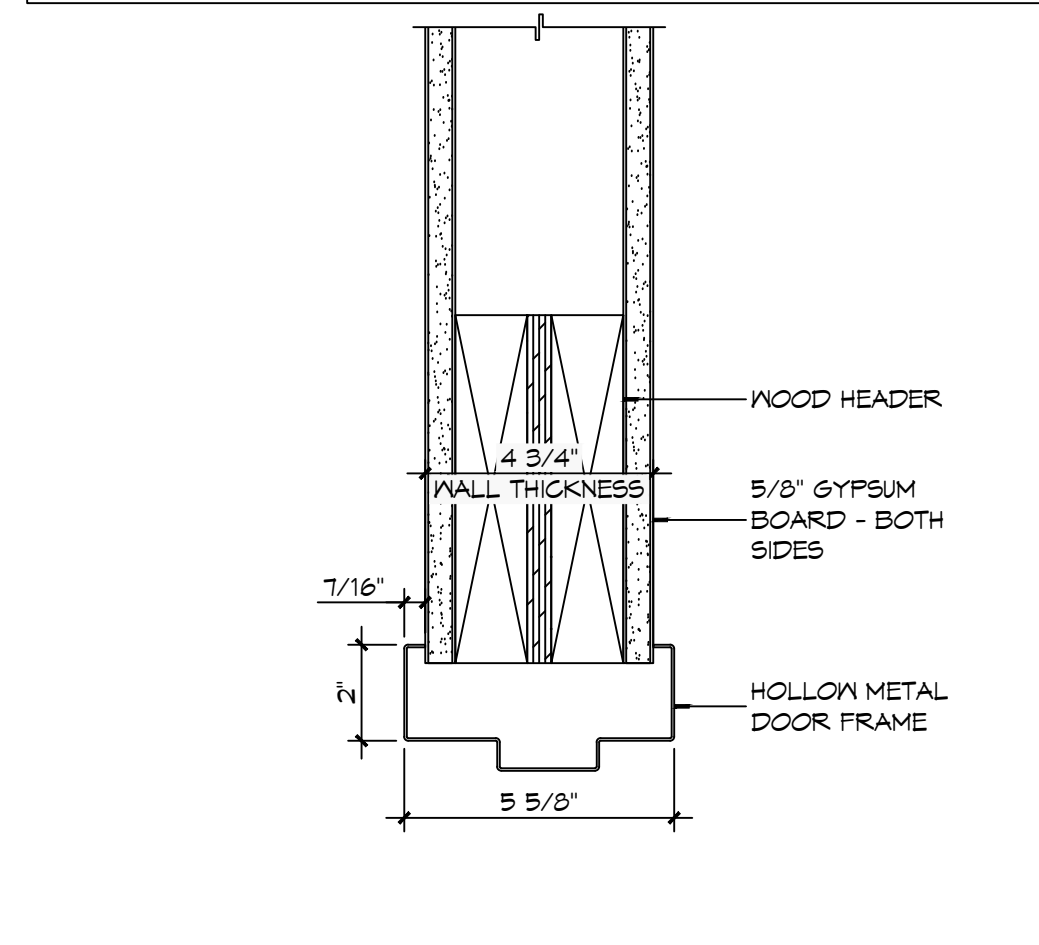
**17 DOOR DETAIL**  
SCALE: 3" = 1'-0"  
HEAD



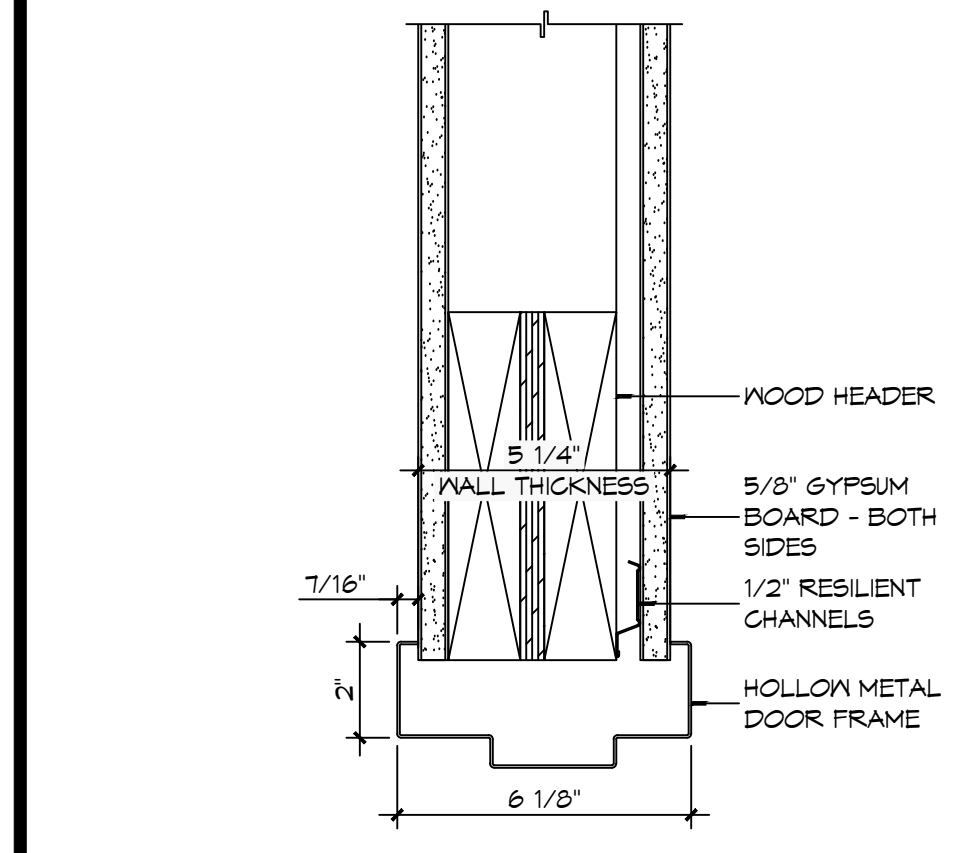
**16 DOOR DETAIL**  
SCALE: 3" = 1'-0"  
JAMB



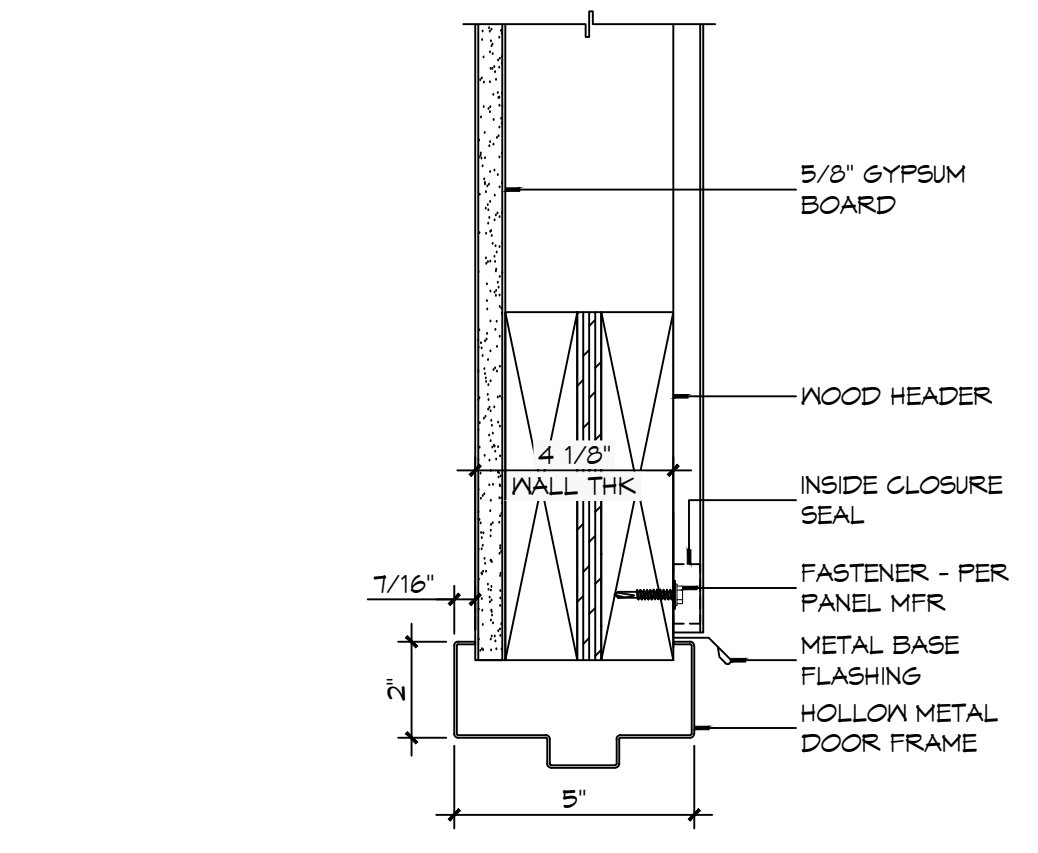
**15 DOOR DETAIL**  
SCALE: 3" = 1'-0"  
HEAD



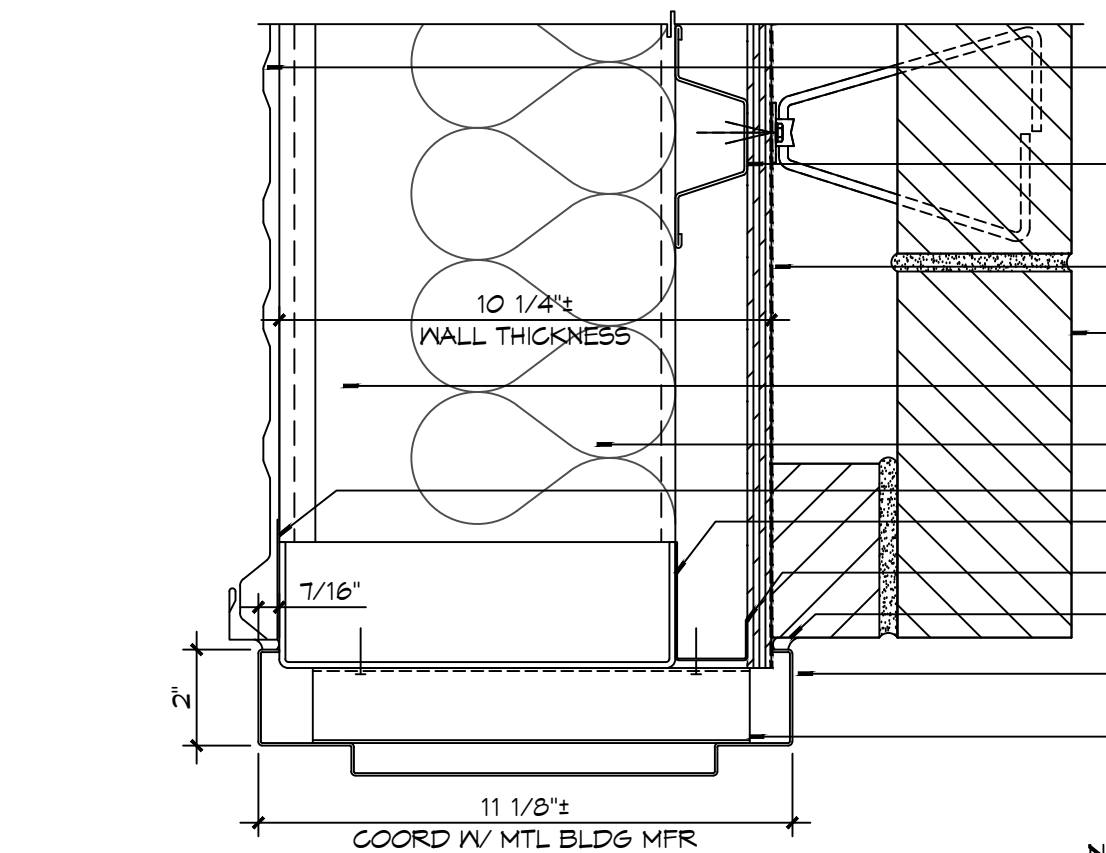
**14 DOOR DETAIL**  
SCALE: 3" = 1'-0"  
HEAD



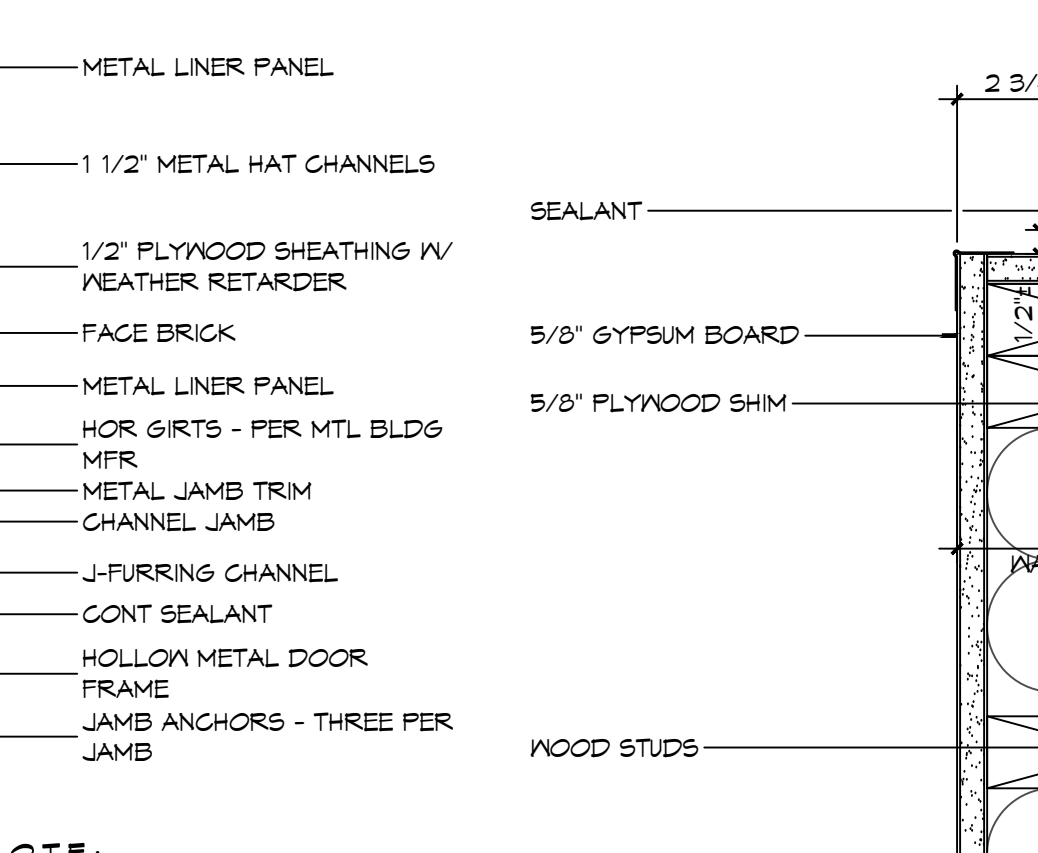
**13 DOOR DETAIL**  
SCALE: 3" = 1'-0"  
SILL



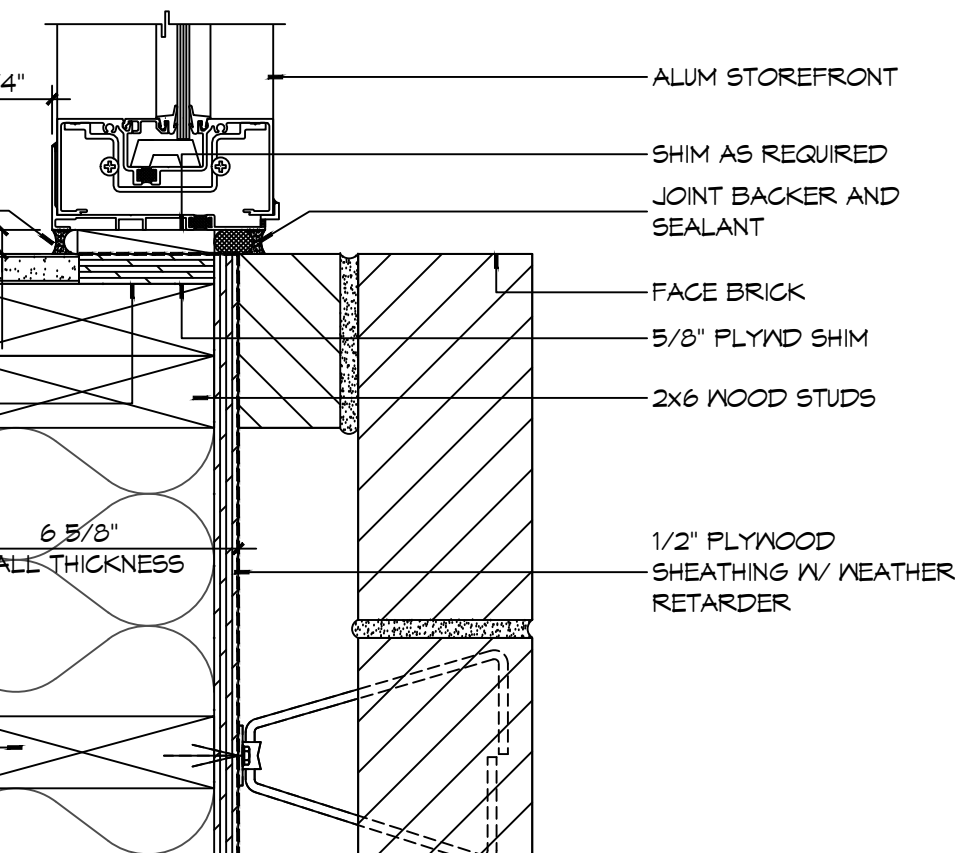
**12 DOOR DETAIL**  
SCALE: 3" = 1'-0"  
SILL



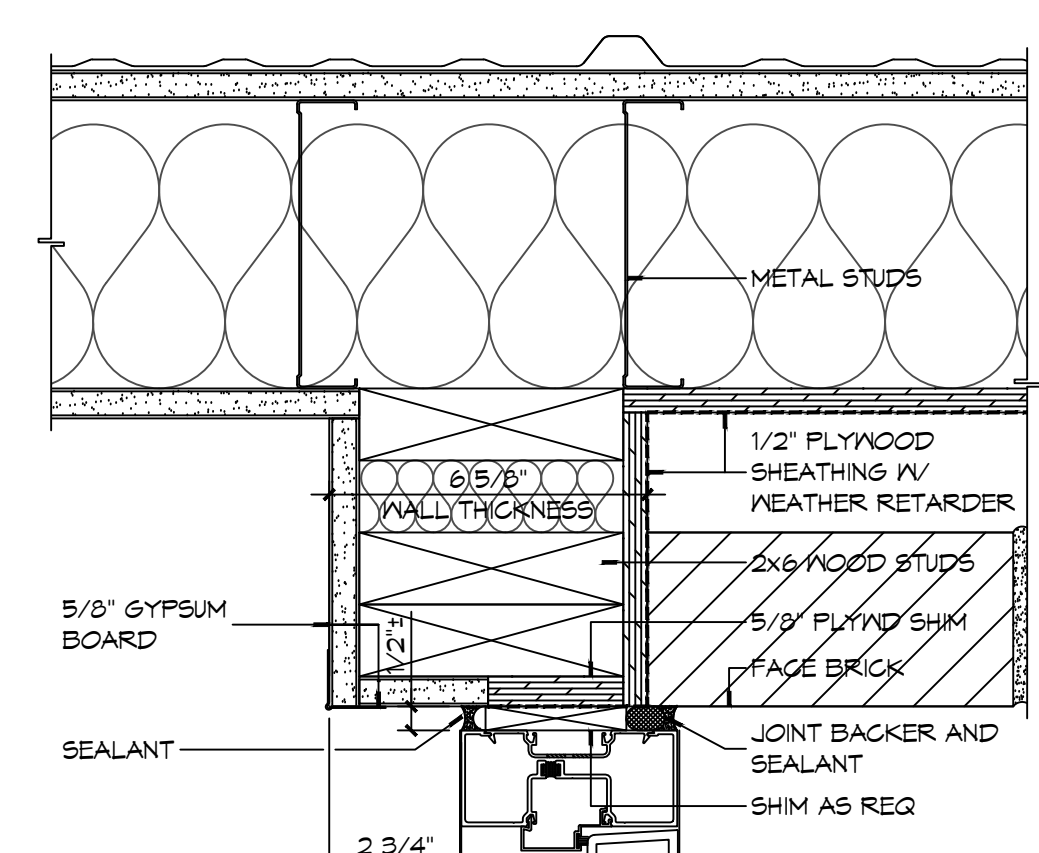
**11 DOOR DETAIL**  
SCALE: 3" = 1'-0"  
JAMB



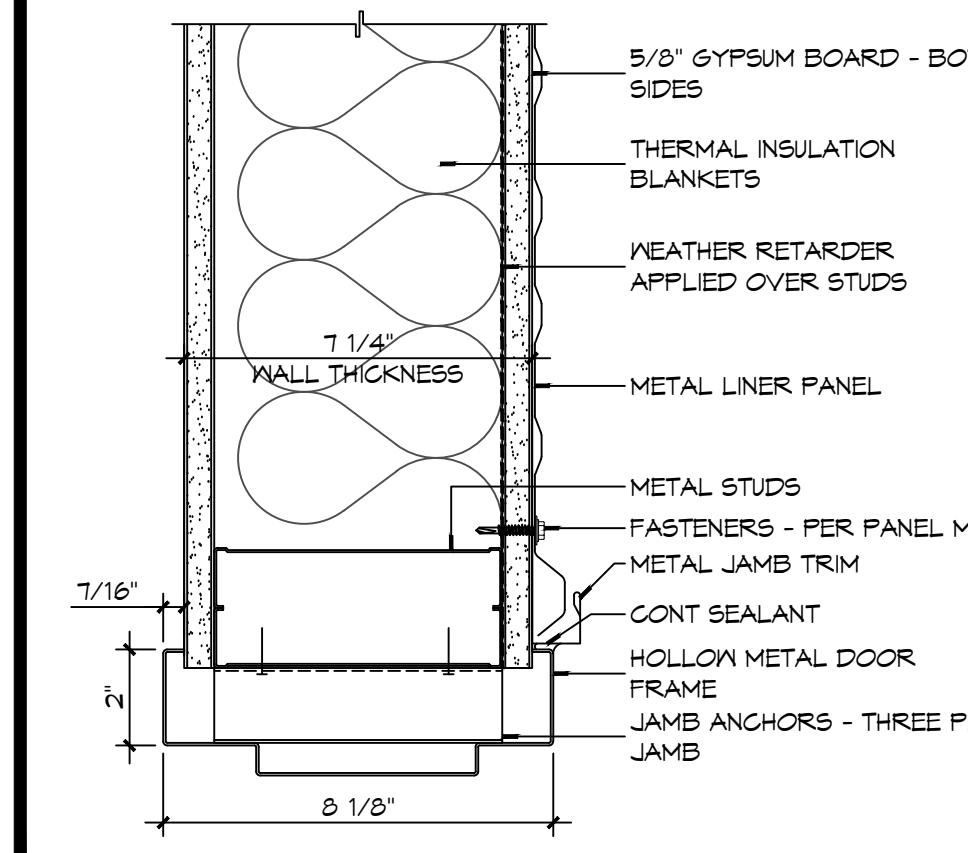
**10 DOOR DETAIL**  
SCALE: 3" = 1'-0"  
JAMB



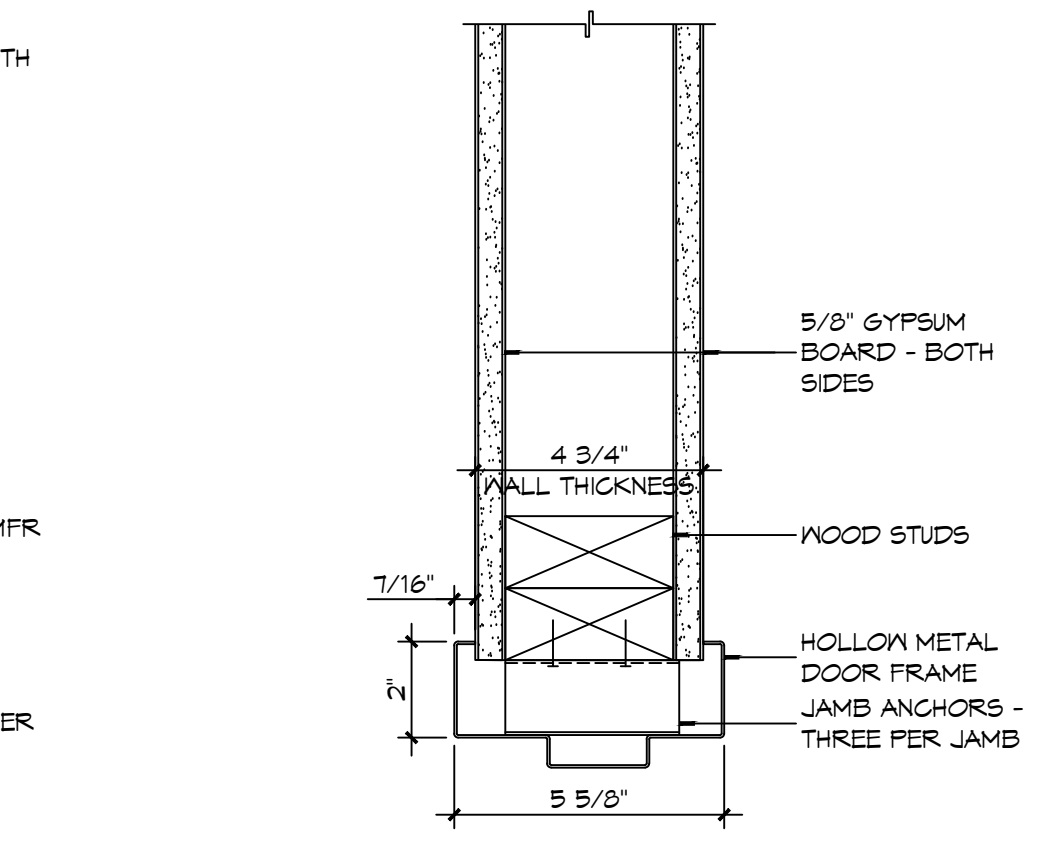
**9 DOOR DETAIL**  
SCALE: 3" = 1'-0"  
JAMB



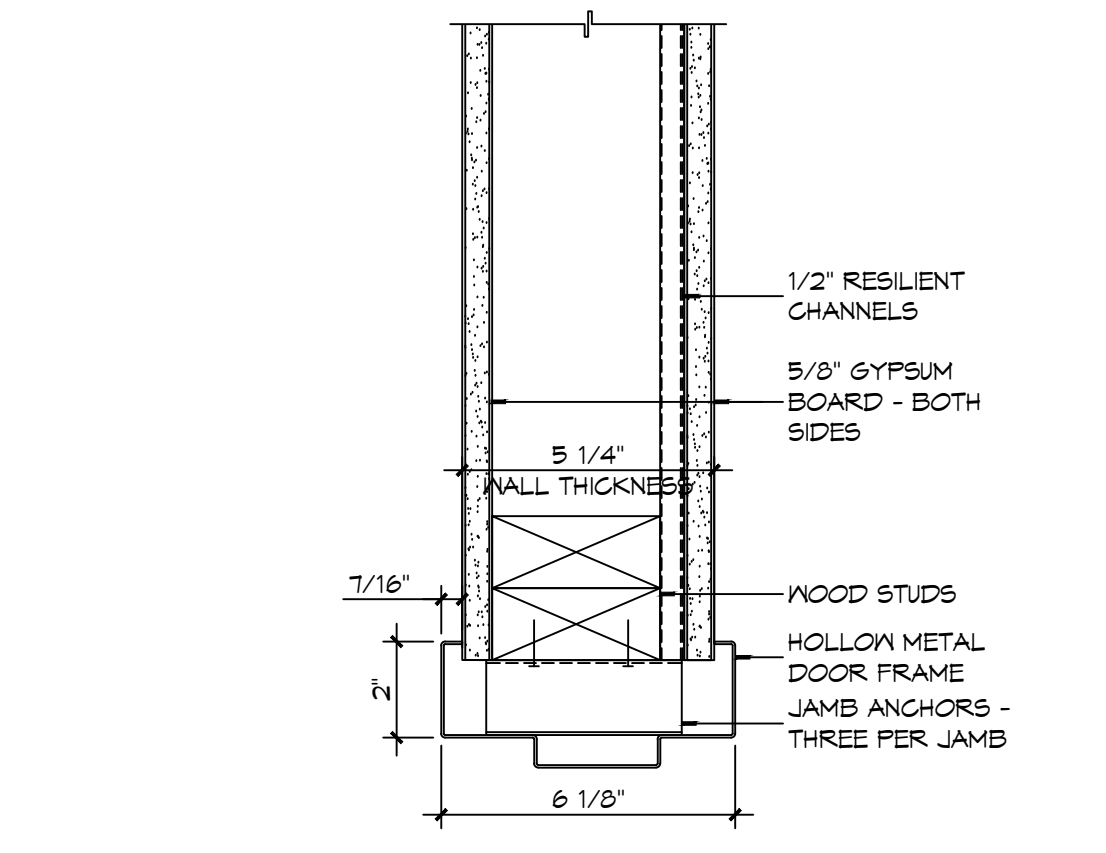
**8 DOOR DETAIL**  
SCALE: 3" = 1'-0"  
SILL



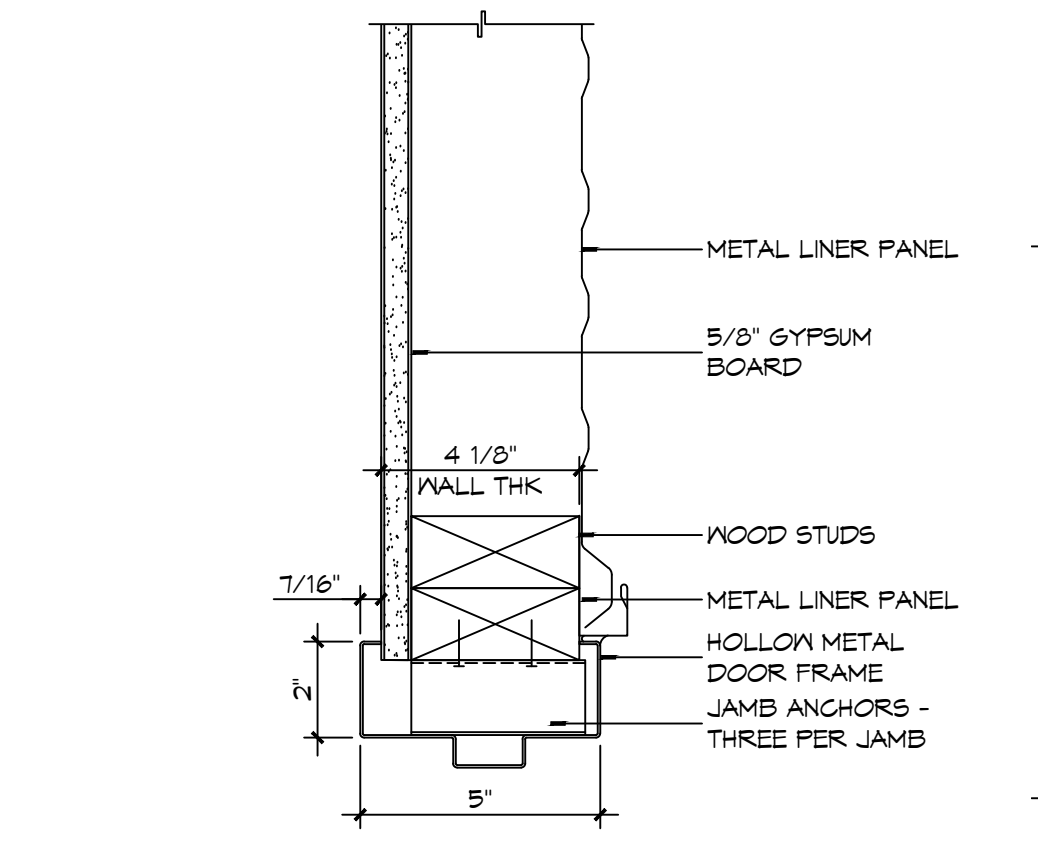
**6 DOOR DETAIL**  
SCALE: 3" = 1'-0"  
JAMB



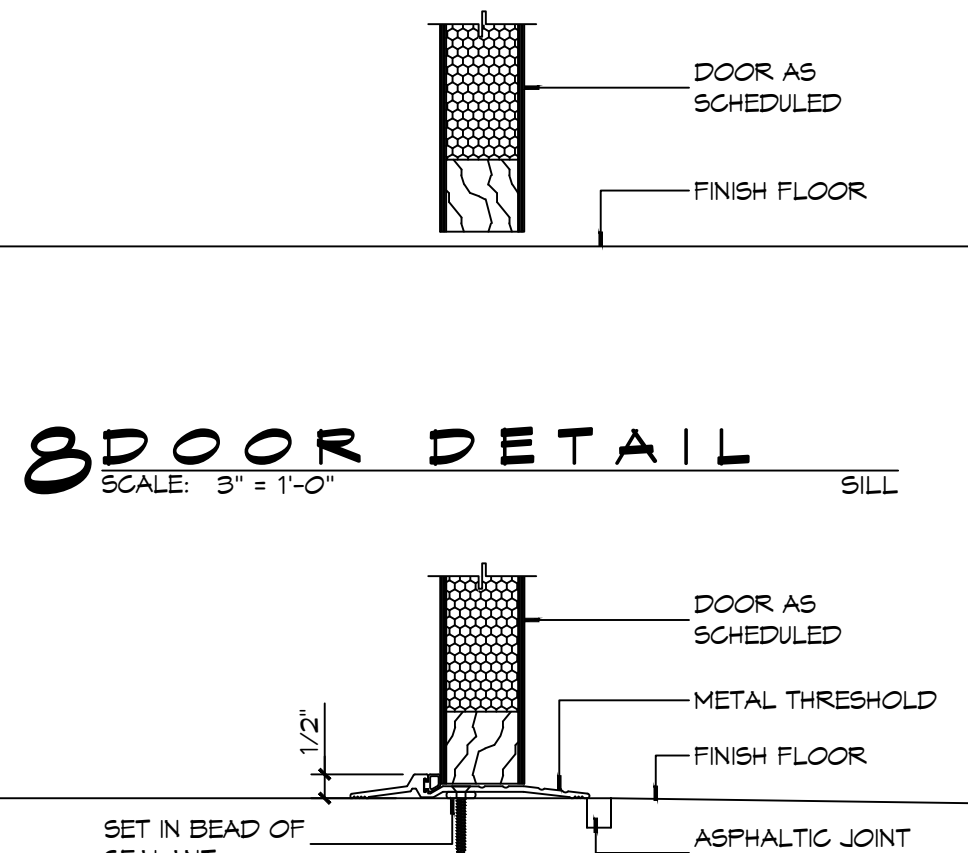
**5 DOOR DETAIL**  
SCALE: 3" = 1'-0"  
JAMB



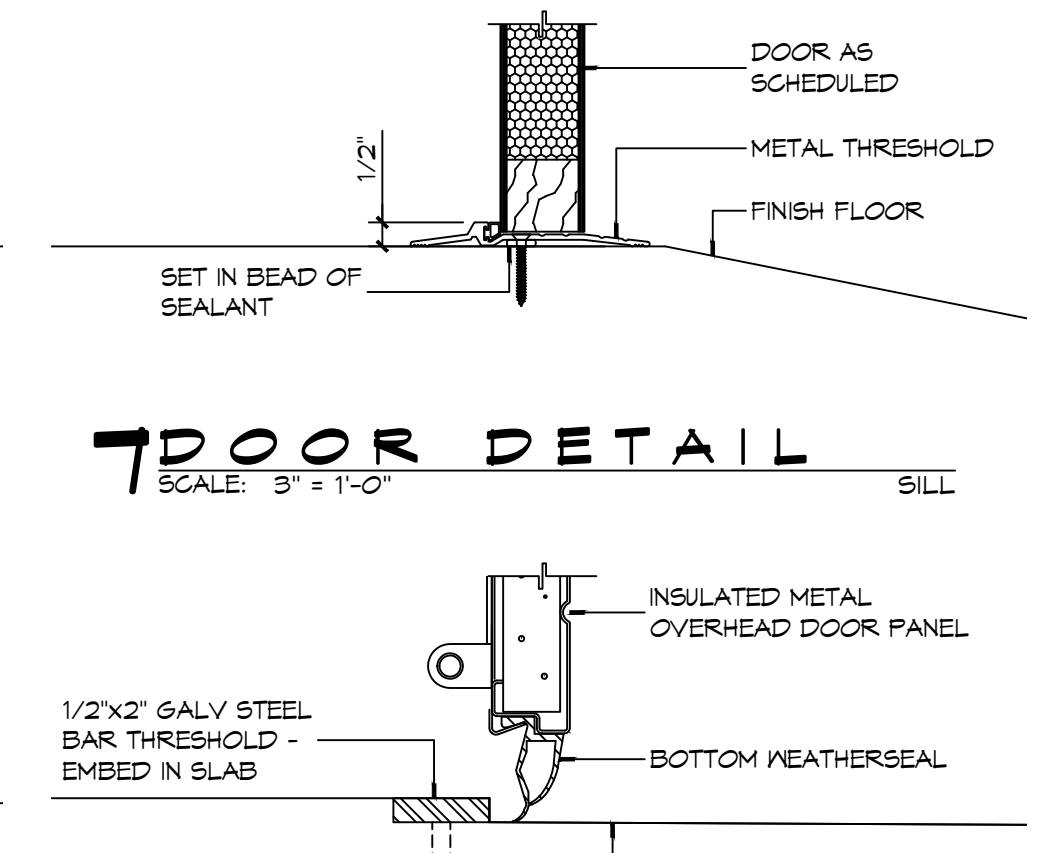
**4 DOOR DETAIL**  
SCALE: 3" = 1'-0"  
JAMB



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



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



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

**DAMMON ENGINEERING, INC.**  
LOUISIANA & MISSISSIPPI  
Civil Engineer: Brian Misch, PE  
554 Old Spanish Trail  
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info@dammonengineering.com  
PH: 985-649-5832

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JARED M. SIMONEAU  
REG. NO. 7751  
STATE OF LOUISIANA  
REGISTERED ARCHITECT

NEW FIRE STATION #10  
ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1  
SHEET TITLE: DOOR DETAILS  
DRAWING NUMBER: **A502**  
SHEET No: 28 of 37

**DOOR SCHEDULE**

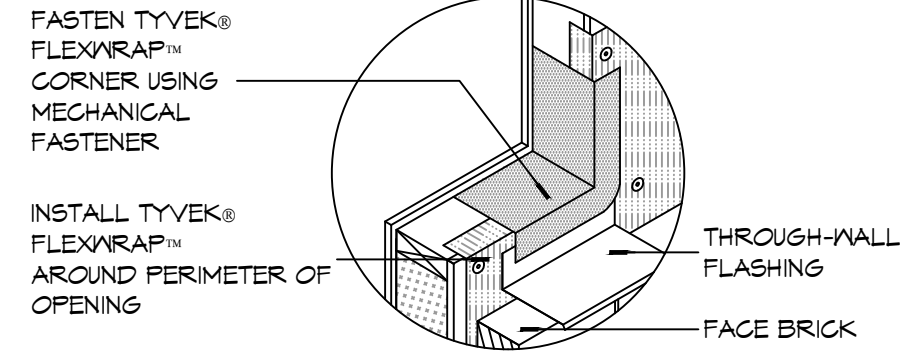
| MK   | WIDTH     | HEIGHT | TYPE | THICK  | DOOR MATERIAL | FRAME MATERIAL | FRAME TYPE | HEAD    | JAMB             | SILL   | FR     | HWR | REMARKS              |
|------|-----------|--------|------|--------|---------------|----------------|------------|---------|------------------|--------|--------|-----|----------------------|
| 101A | 3'-0"     | 7'-0"  | FG   | 1 3/4" | ALUM          | ALUM           | F4         | 21/A502 | 9/A502 & 10/A502 | 7/A502 | NR     | O1  |                      |
| 101B | 3'-0"     | 7'-0"  | F    | 1 3/4" | INSUL MTL     | HM             | F1         | 15/A502 | 6/A502           | 1/A502 | 45 MIN | O7  |                      |
| 102A | 3'-0"     | 7'-0"  | GG   | 1 3/4" | ALUM          | ALUM           | F3         | 21/A502 | 10/A502          | 7/A502 | NR     | O1  |                      |
| 103A | 3'-0"     | 7'-0"  | F    | 1 3/4" | SC WOOD       | HM             | F2         | 13/A502 | 4/A502           | 3/A502 | 20 MIN | O2  | SMOKE TIGHT          |
| 104A | 3'-0"     | 7'-0"  | F    | 1 3/4" | SC WOOD       | HM             | F2         | 14/A502 | 5/A502           | 3/A502 | NR     | O3  |                      |
| 105A | (2) 2'-0" | 7'-0"  | LL   | 1 3/4" | SC WOOD       | HM             | F2         | 14/A502 | 5/A502           | 3/A502 | NR     | O6A |                      |
| 107A | 3'-0"     | 7'-0"  | F    | 1 3/4" | SC WOOD       | HM             | F2         | 13/A502 | 4/A502           | 3/A502 | 20 MIN | O2  | SMOKE TIGHT          |
| 109A | (2) 1'-6" | 7'-0"  | LL   | 1 3/4" | SC WOOD       | HM             | F2         | 14/A502 | 5/A502           | 3/A502 | NR     | O6  |                      |
| 109B | (2) 1'-6" | 7'-0"  | LL   | 1 3/4" | SC WOOD       | HM             | F2         | 14/A502 | 5/A502           | 3/A502 | NR     | O6  |                      |
| 109C | (2) 1'-6" | 7'-0"  | LL   | 1 3/4" | SC WOOD       | HM             | F2         | 14/A502 | 5/A502           | 3/A502 | NR     | O6  |                      |
| 113A | 3'-0"     | 7'-0"  | F    | 1 3/4" | SC WOOD       | HM             | F2         | 13/A502 | 4/A502           | 3/A502 | 20 MIN | O5  | SMOKE TIGHT          |
| 114A | 3'-0"     | 7'-0"  | F    | 1 3/4" | SC WOOD       | HM             | F2         | 14/A502 | 5/A502           | 3/A502 | NR     | O4  |                      |
| 116A | 2'-4"     | 7'-0"  | F    | 1 3/4" | SC WOOD       | HM             | F2         | 14/A502 | 5/A502           | 3/A502 | NR     | 13  |                      |
| 117A | 14'-0"    | 14'-0" | O2   | 1 1/2" | INSUL MTL     | MTL            | N/A        | 20/A502 | 19/A502          | 1/A502 | NR     | O1  | SEE DOOR NOTES NO. 1 |
| 117B | 14'-0"    | 14'-0" | O2   | 1 1/2" | INSUL MTL     | MTL            | N/A        | 20/A502 | 19/A502          | 1/A502 | NR     | O1  | SEE DOOR NOTES NO. 1 |
| 117C | 12'-0"    | 14'-0" | O2   | 1 1/2" | INSUL MTL     | MTL            | N/A        | 20/A502 | 19/A502          | 1/A502 | NR     | O1  | SEE DOOR NOTES NO. 1 |
| 117D | 3'-0"     | 7'-0"  | F    | 1 3/4" | INSUL MTL     | HM             | F2         | 18/A502 | 11/A502          | 2/A502 | NR     | 12  |                      |
| 118A | 3'-0"     | 7'-0"  | L    | 1 3/4" | METAL         | HM             | F2         | 12/A502 | 3//A502          | 7/A502 | NR     | O8  |                      |
| 119A | 3'-0"     | 7'-0"  | L    | 1 3/4" | METAL         | HM             | F2         | 12/A502 | 3//A502          | 7/A502 | NR     | O9  |                      |
| 120A | 3'-0"     | 7'-0"  | L    | 1 3/4" | METAL         | HM             | F2         | 12/A502 | 3//A502          | 7/A502 | NR     | O9  |                      |
| 121A | 14'-0"    | 14'-0" | O2   | 1 1/2" | INSUL MTL     | MTL            | N/A        | 20/A502 | 19/A502          | 1/A502 | NR     | O1  | SEE DOOR NOTES NO. 1 |
| 121B | 14'-0"    | 14'-0" | O2   | 1 1/2" | INSUL MTL     | MTL            | N/A        | 20/A502 | 19/A502          | 1/A502 | NR     | O1  | SEE DOOR NOTES NO. 1 |
| 122A | 3'-0"     | 7'-0"  | L    | 1 3/4" | MTL           | HM             | F2         | 17/A502 | 16/A502          | 7/A502 | NR     | O9  |                      |
| 123A | 3'-0"     | 7'-0"  | L    | 1 3/4" | MTL           | HM             | F2         | 17/A502 | 16/A502          | 7/A502 | NR     | O9  |                      |
| 124A | -         | -      | -    | -      | -             | -              | -          | -       | -                | -      | -      | -   | NOT USED             |
| 124B | 8'-0"     | 7'-0"  | O1   | 1 1/2" | MTL           | MTL            | N/A        | 20/A502 | 19/A502          | 1/A502 | NR     | O1  | MANUAL OPERATION     |

**WINDOW SCHEDULE**

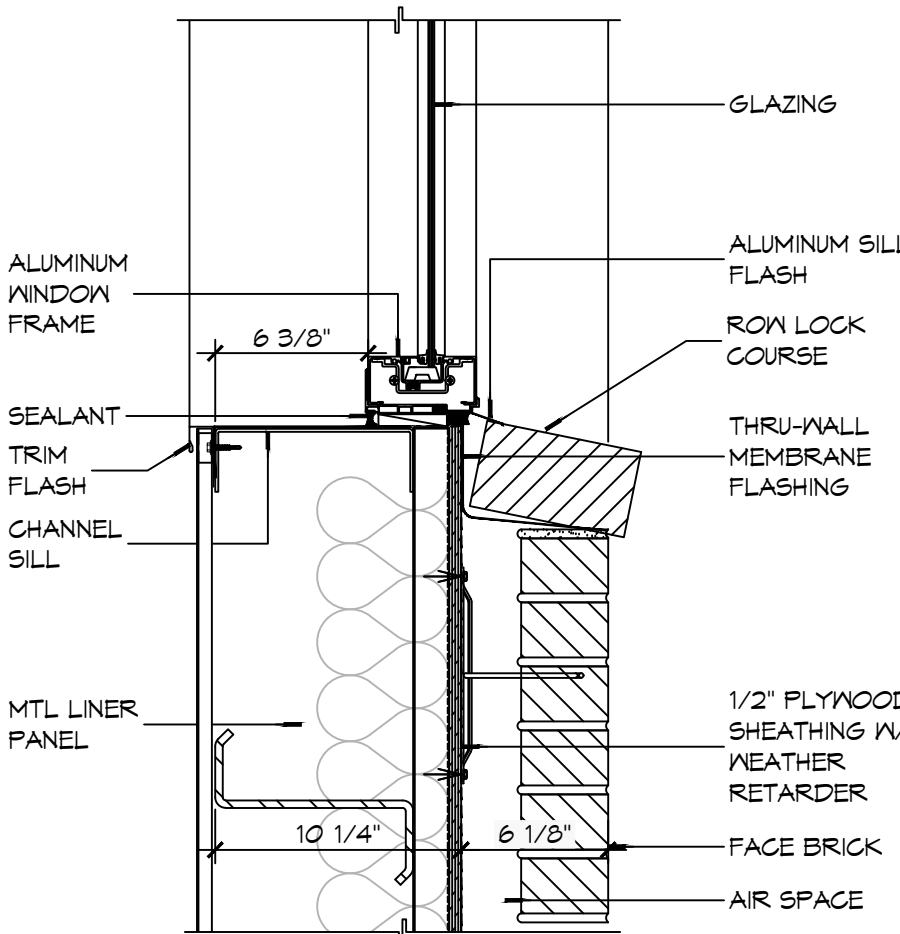
| MK | SIZE (WxH)  | FRAME | TYPE        | GLAZING | REMARKS                                 |
|----|-------------|-------|-------------|---------|---|
| A  | 3'-0"x4'-0" | ALUM  | SINGLE HUNG | IMPACT  | BLACK FRAME                             |
| B  | 3'-2"x4'-0" | ALUM  | FIXED       | IMPACT  | BLACK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

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

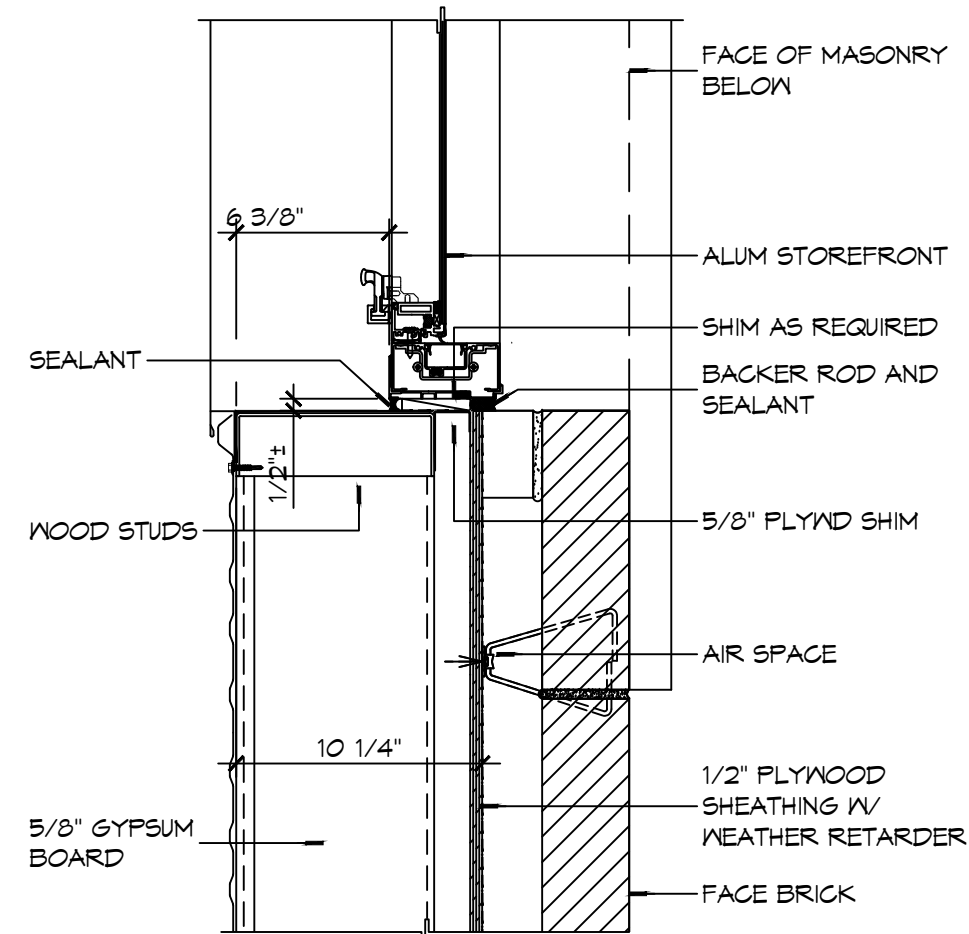
NOTE: DOORS IN A REQUIRED MEANS OF EGRESS SERVING ANY ASSEMBLY AREA HAVING AN OCCUPANT LOAD OF 50 OR MORE PERSONS SHALL NOT BE EQUIPPED WITH A LATCH OR LOCK OTHER THAN PANIC HARDWARE OR FIRE EXIT HARDWARE.



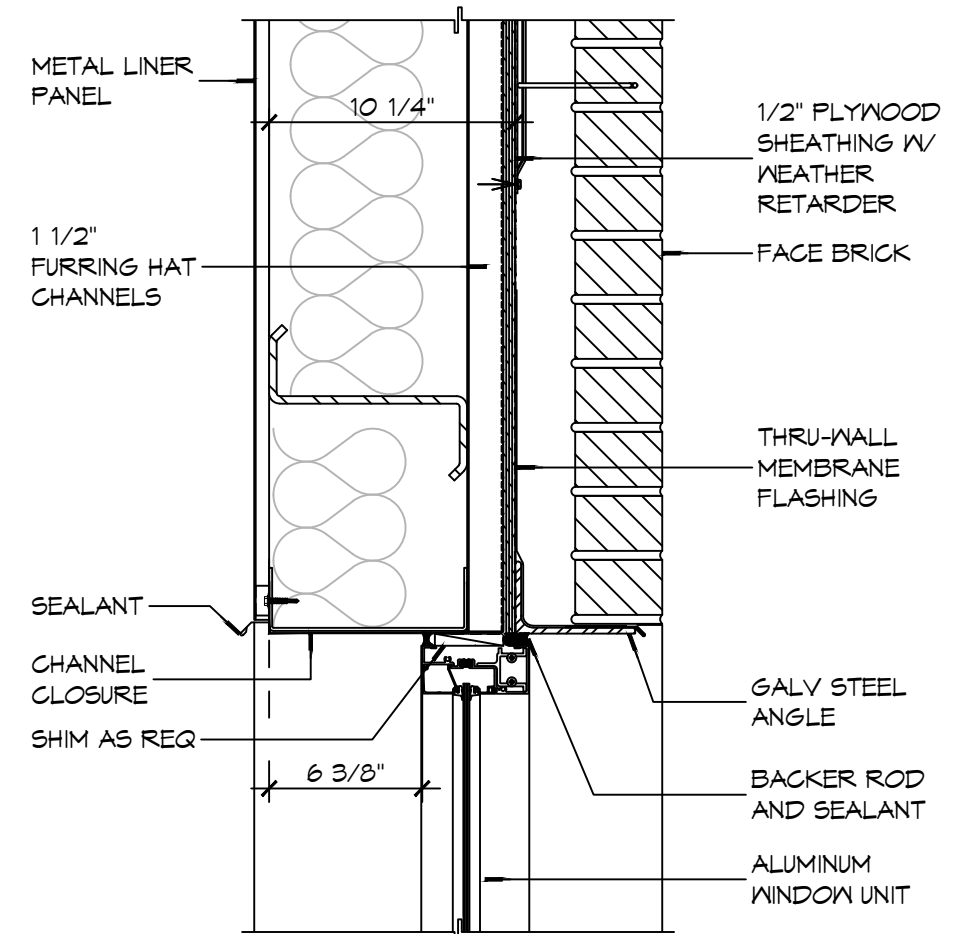
**10** DETAIL  
SCALE: NTS  
TYPICAL WINDOW SILL FLASHING



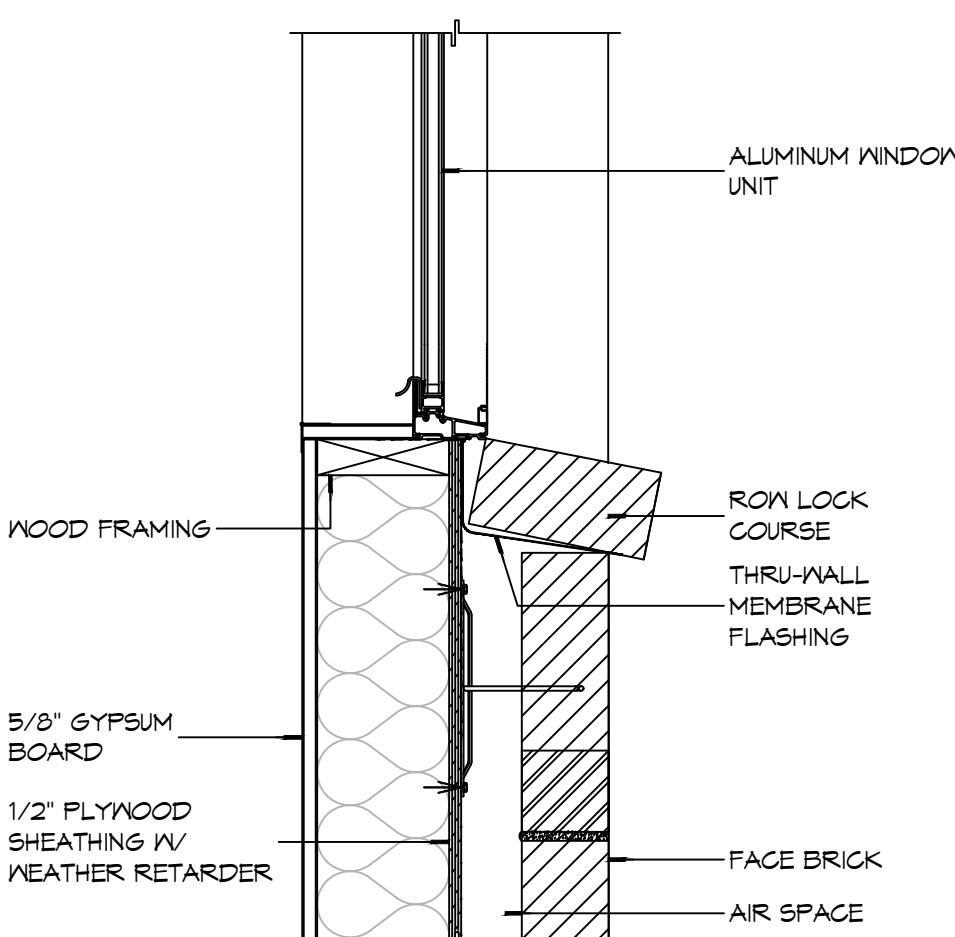
**9** WINDOW DETAIL  
SCALE: 1 1/2" = 1'-0"  
SILL



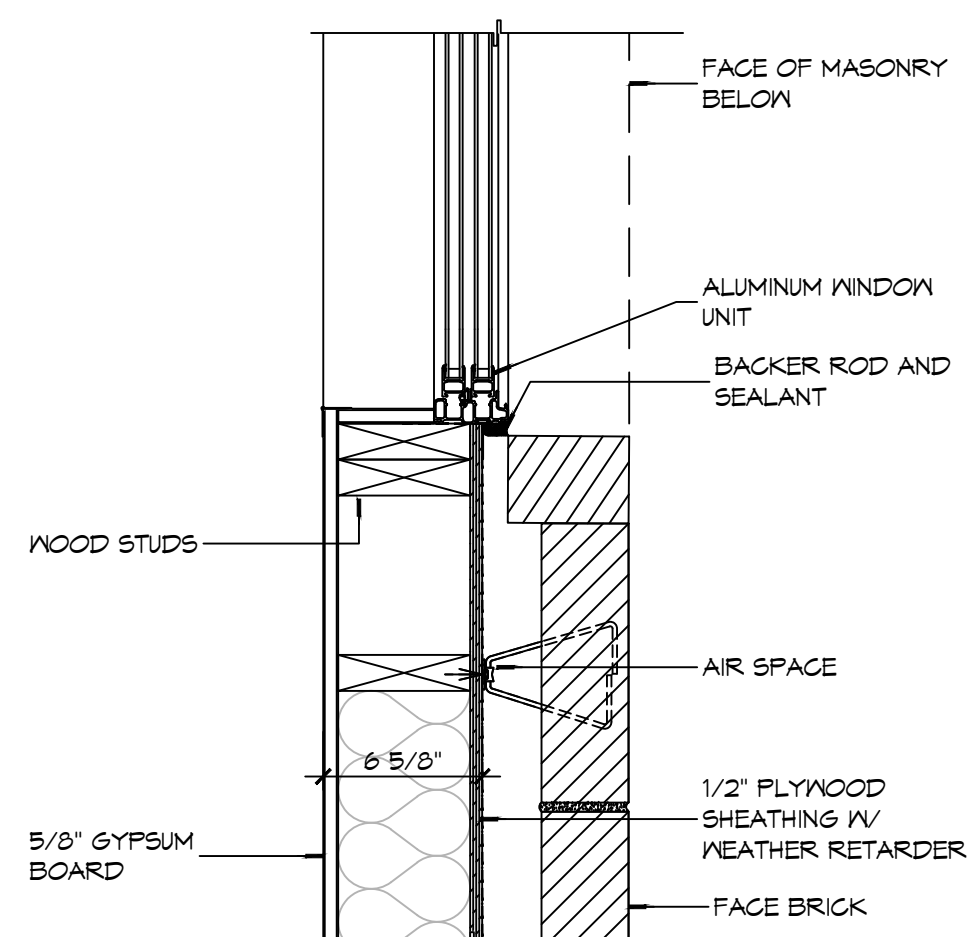
**8** WINDOW DETAIL  
SCALE: 1 1/2" = 1'-0"  
JAMB



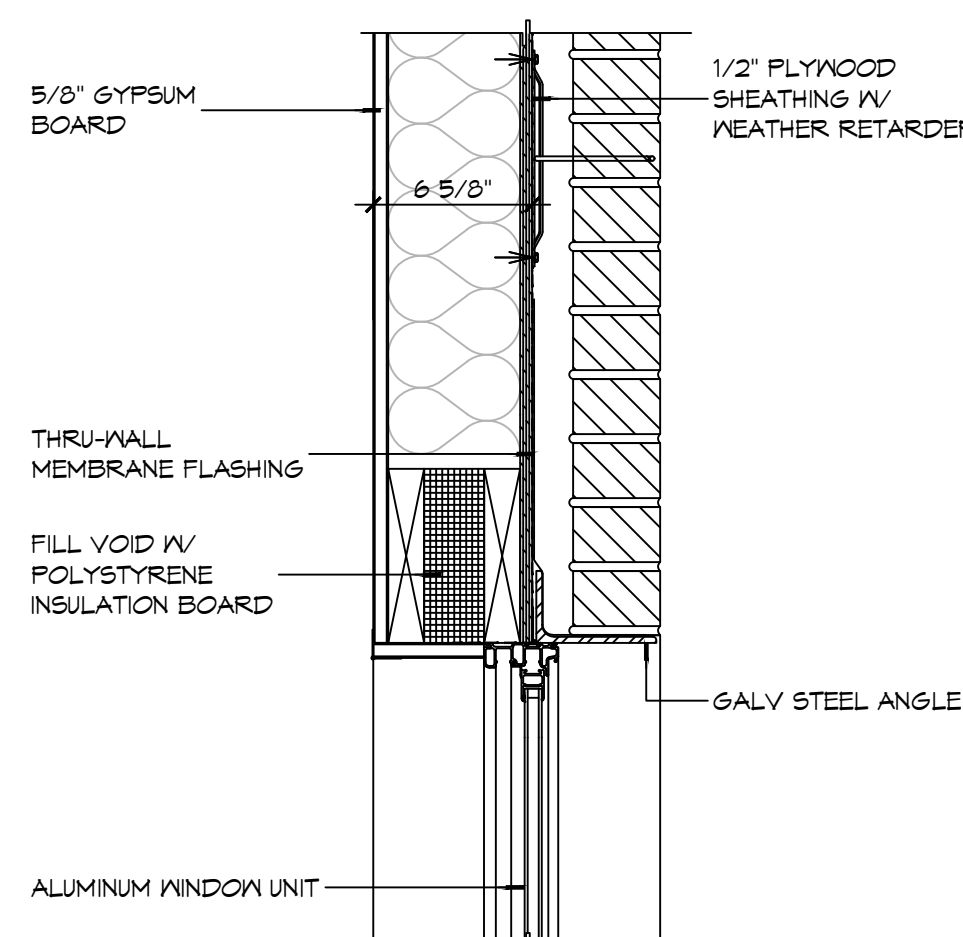
**7** WINDOW DETAIL  
SCALE: 1 1/2" = 1'-0"  
HEAD



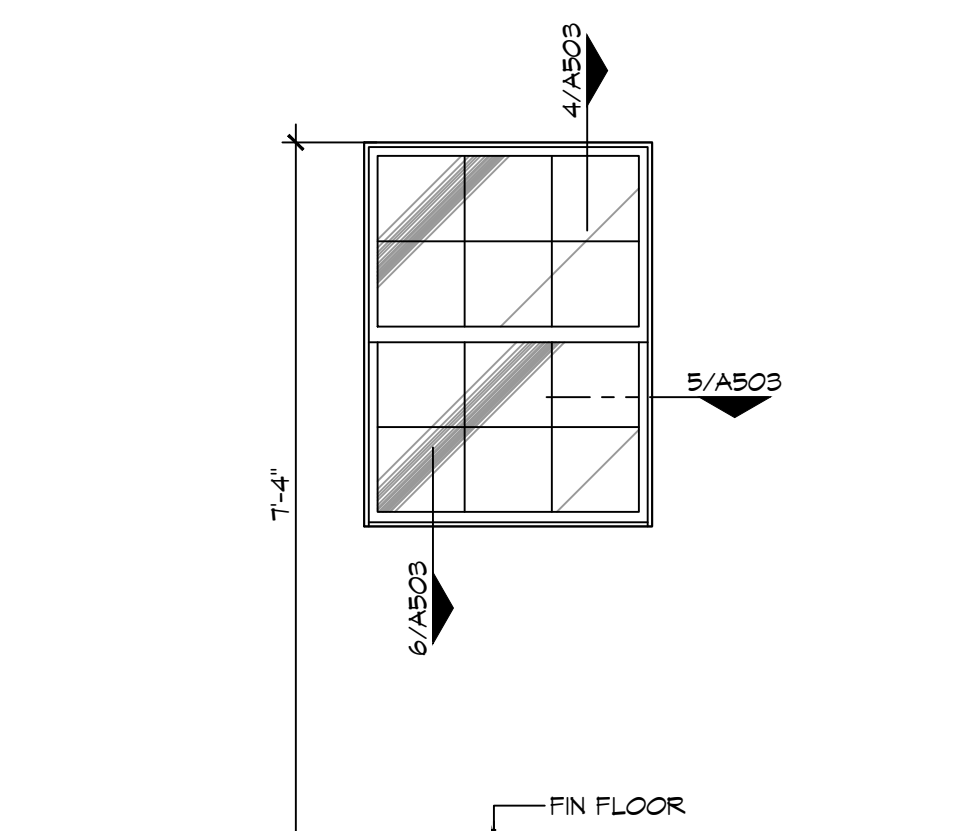
**6** WINDOW DETAIL  
SCALE: 1 1/2" = 1'-0"  
SILL



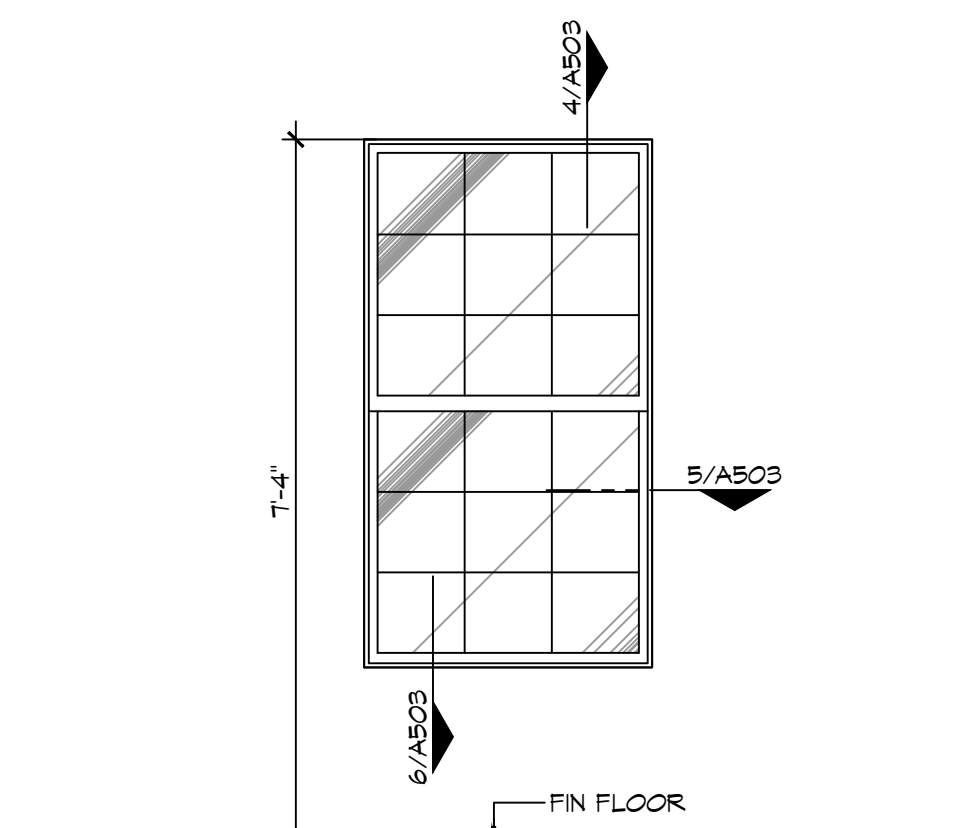
**5** WINDOW DETAIL  
SCALE: 1 1/2" = 1'-0"  
JAMB



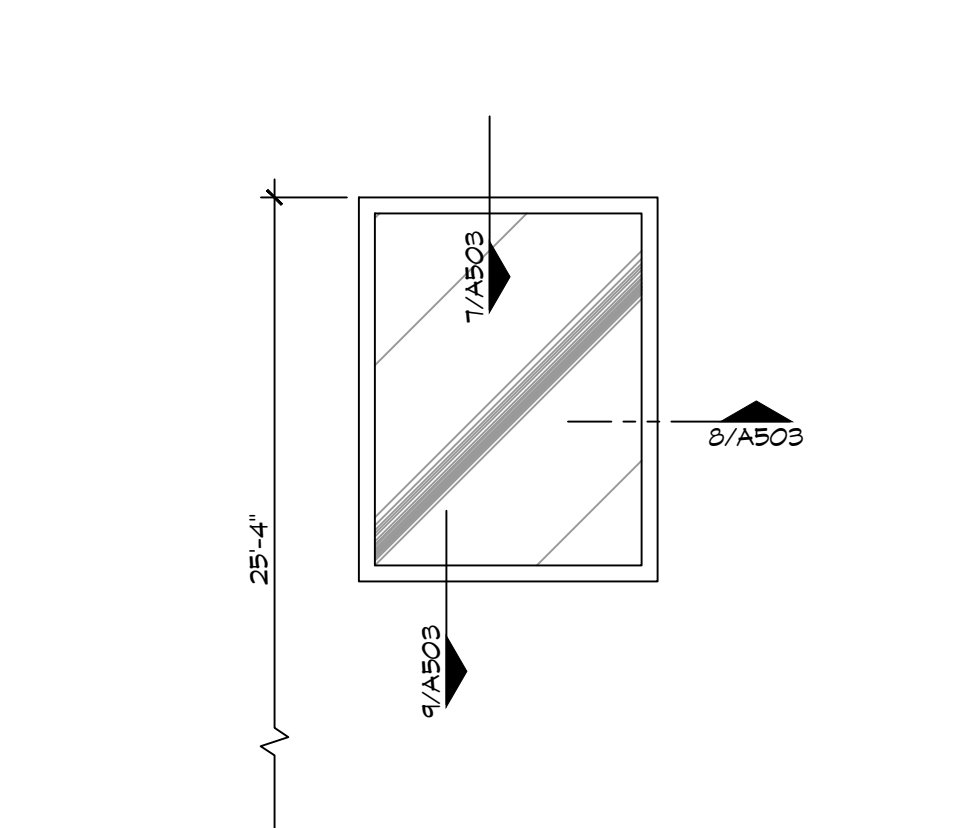
**4** WINDOW DETAIL  
SCALE: 1 1/2" = 1'-0"  
HEAD



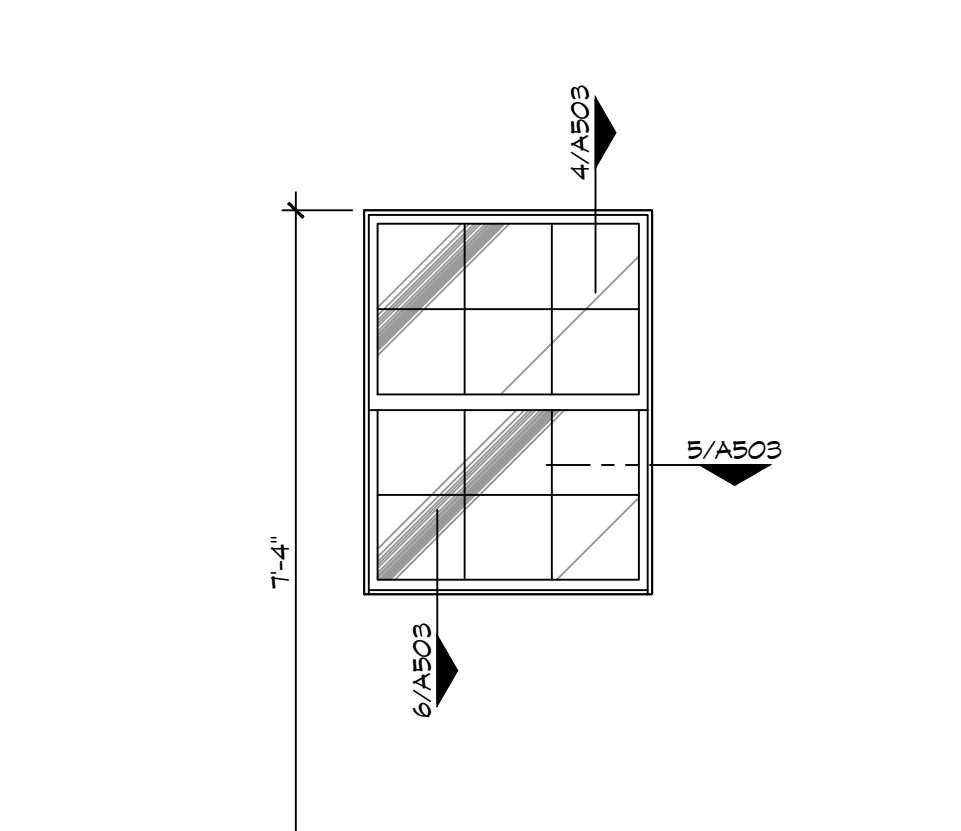
NOTE: OBSOURE/TRANSLUCENT GLASS FOR THIS WINDOW TYPE ONLY



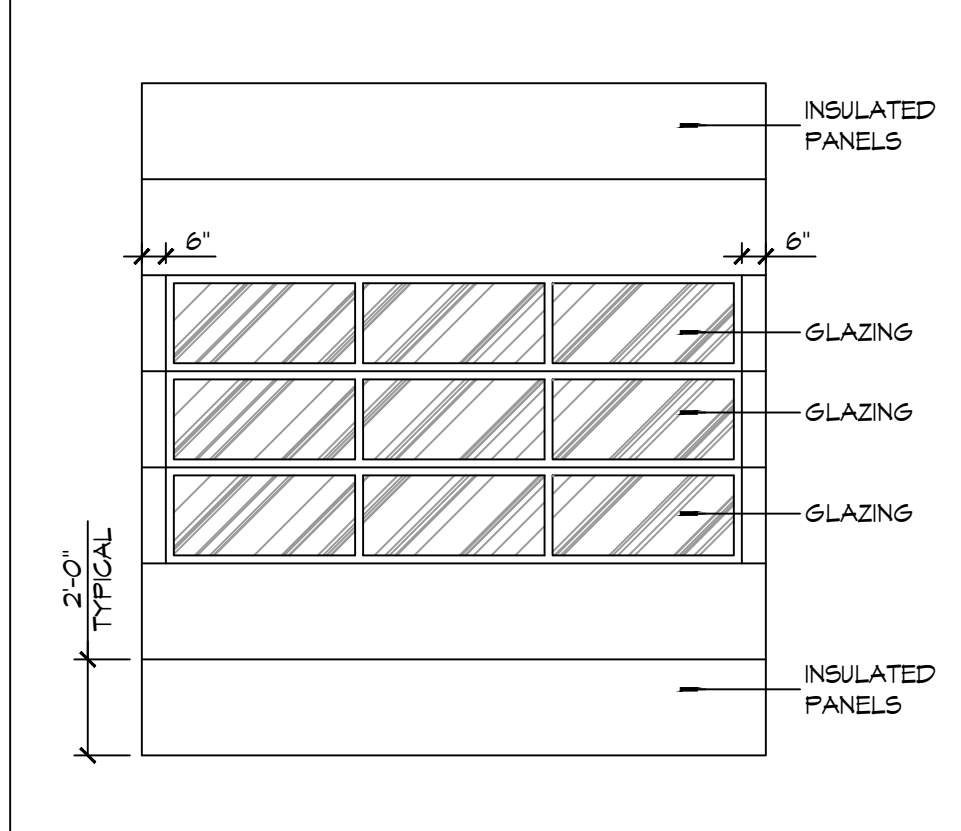
**3** WINDOW TYPES  
SCALE: 1 1/2" = 1'-0"



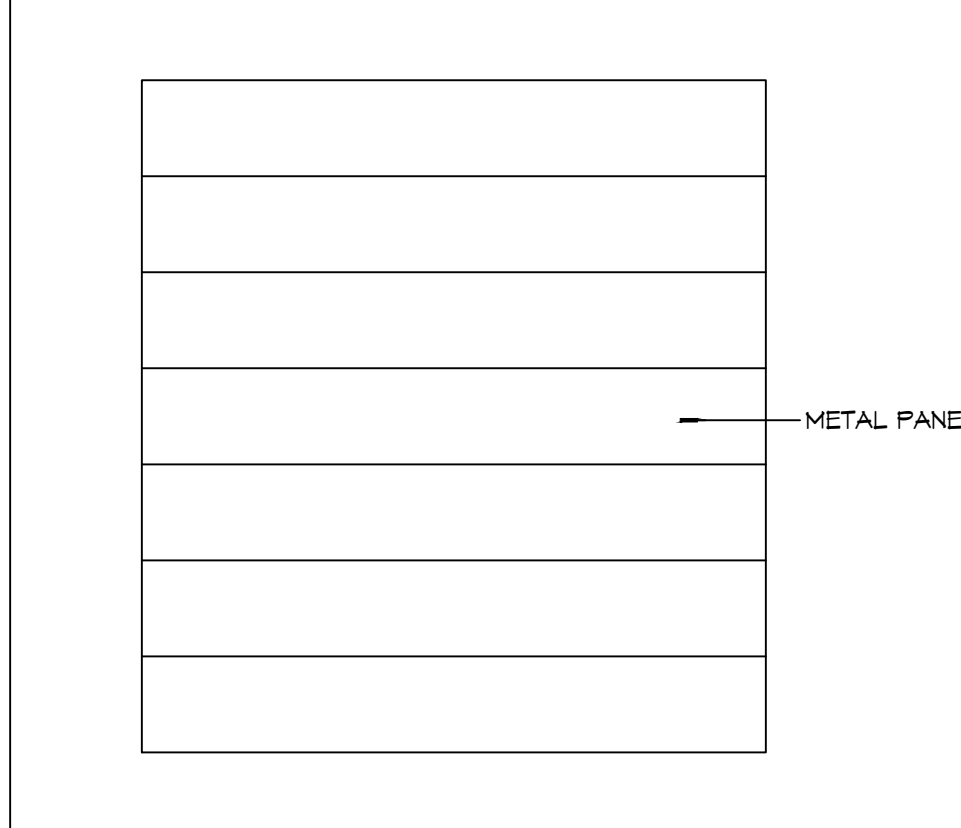
**3** WINDOW TYPES  
SCALE: 1 1/2" = 1'-0"



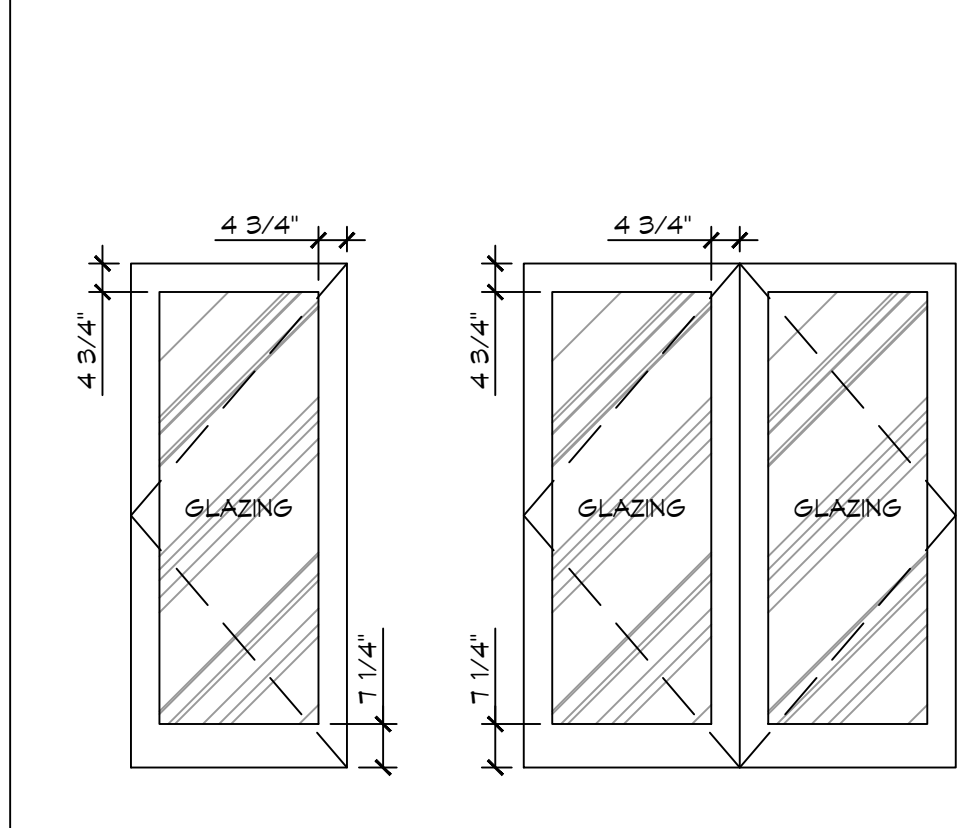
**3** WINDOW TYPES  
SCALE: 1 1/2" = 1'-0"



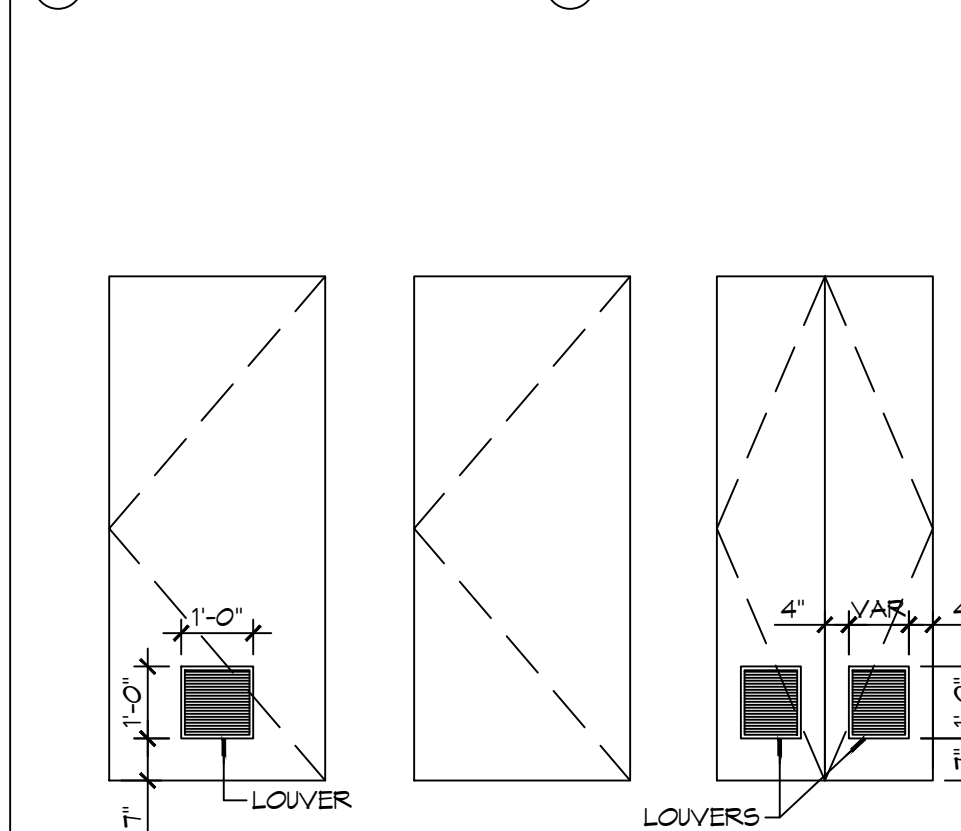
**2** DOOR TYPES  
SCALE: NTS



**2** DOOR TYPES  
SCALE: NTS



**2** DOOR TYPES  
SCALE: NTS



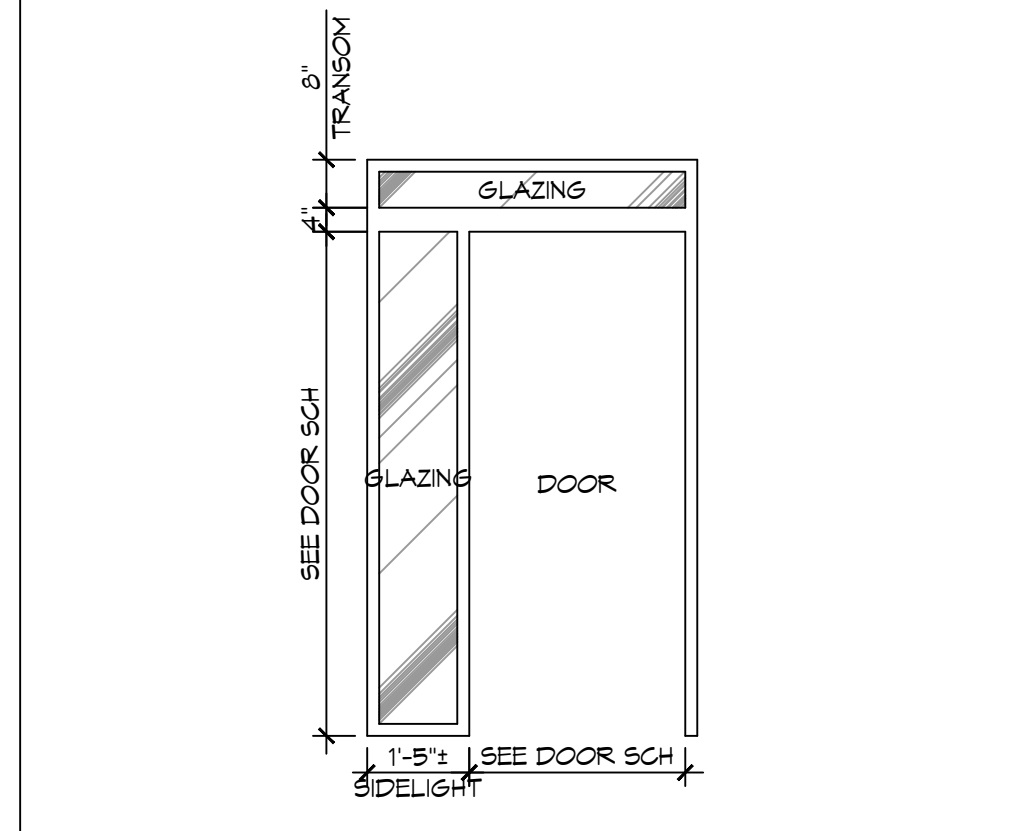
**2** DOOR TYPES  
SCALE: NTS

**GENERAL OPENING SCHEDULE NOTES**

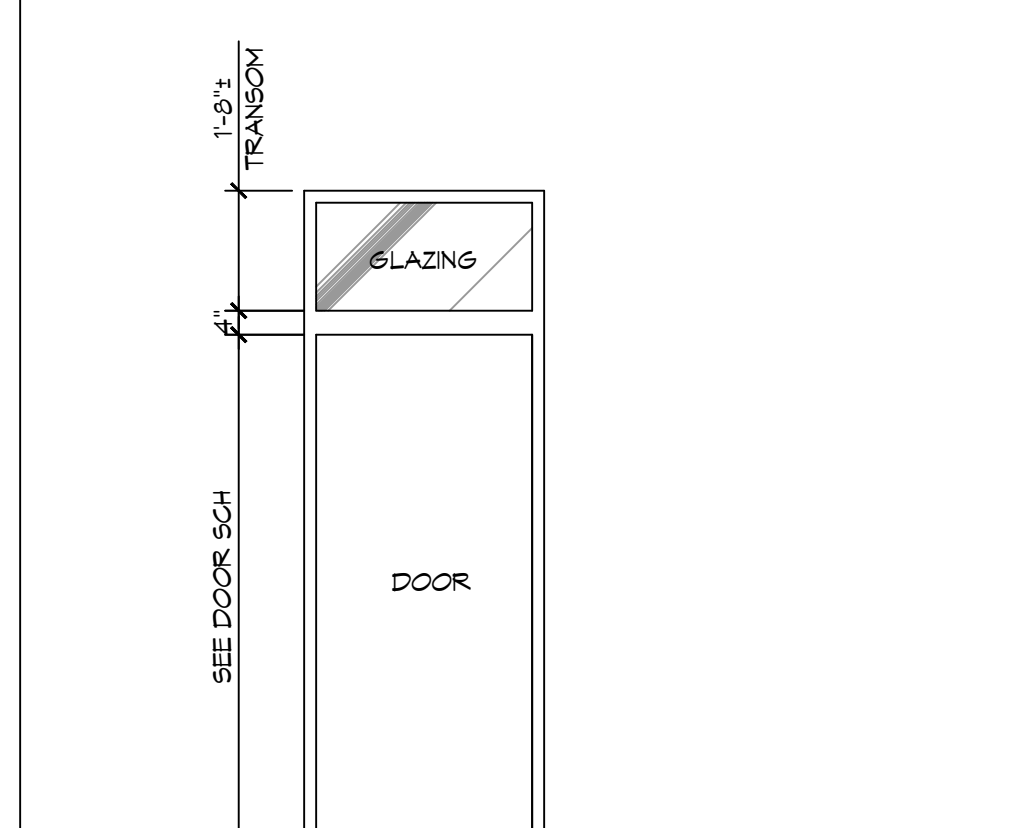
- CONTRACTOR SHALL VERIFY ROUGH OPENING DIMENSIONS WITH MANUFACTURER'S REQUIREMENTS PRIOR TO CONSTRUCTION.
- ALL EGRESS DOORS SHALL BE READILY OPENABLE FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT.
- ALL DOORS NOT SPECIFIED TO RECEIVE A THRESHOLD SHALL HAVE A 3/4" UNDERCUT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

**DOOR NOTES**

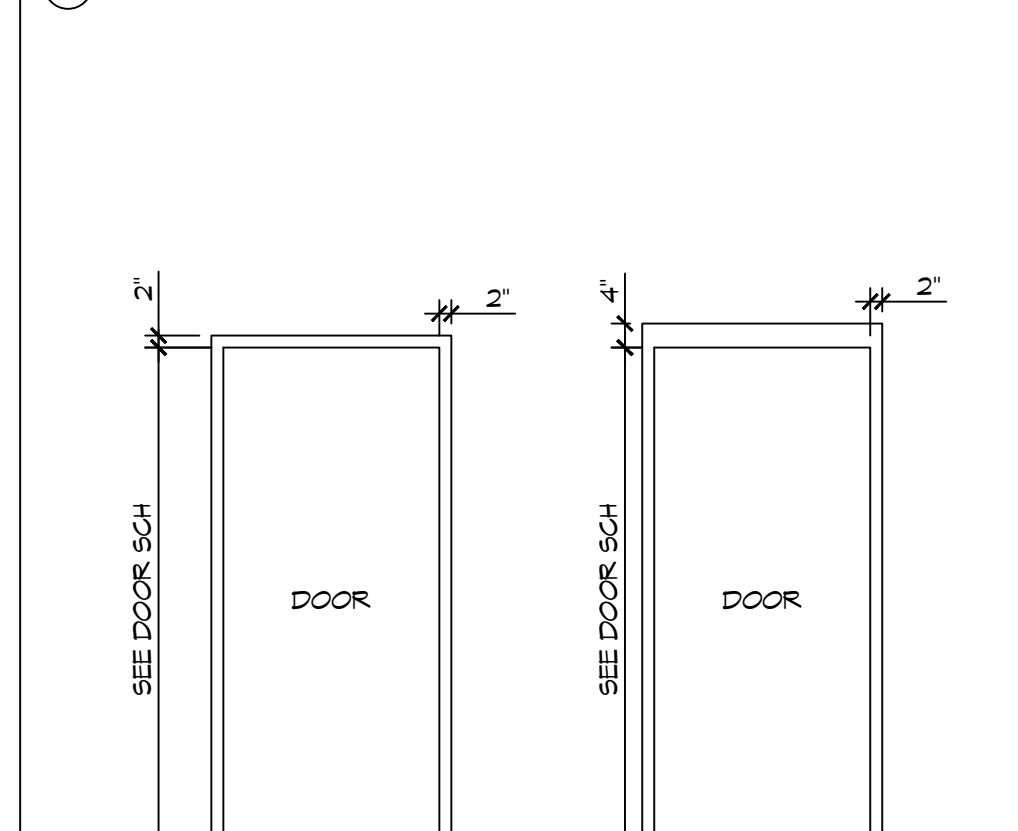
- DOOR WIDTH REFERS TO MASONRY OPENING - COORDINATE UNIT WIDTH WITH JAMB DETAIL AND MANUFACTURER'S REQUIREMENTS.
- PROVIDE 3/4" DOOR UNDERCUT AT ALL INTERIOR DOORS NOT EQUIPPED WITH A THRESHOLD OR WHERE NOTED OTHERWISE.



**1** FRAME TYPES  
SCALE: NTS



**1** FRAME TYPES  
SCALE: NTS



**1** FRAME TYPES  
SCALE: NTS

**DAMMON ENGINEERING, INC.**  
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JARED M. SIMONEAUX  
REG. NO. 7751  
STATE OF LOUISIANA  
REGISTERED ARCHITECT

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

SHEET TITLE:  
DOOR AND WINDOW SCHEDULES, DOOR, WINDOW TYPES, & WINDOW DETAILS  
DRAWING NUMBER:  
**A503**  
SHEET No: 29 of 31

DATE: 09/25/2025, 11:58 AM, PROJECT: 24-09-0025, SHEET: P101, DRAWING TITLE: PLUMBING SEWER PLAN, SCALE: 3/16"=1'-0", DESIGNER: B. MISTICH, CHECKER: C. KID, DATE PLOTTED: 09/25/2025, 11:58 AM, PLOT SIZE: 11.00" X 17.00"

### GENERAL PLUMBING NOTES

1. PLUMBING LINES SHOWN ARE DRAWN DIAGRAMMATIC IN NATURE AND REPRESENT CONCEPTUAL ROUTING ONLY. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF ALL ACTUAL CONDITIONS.
2. PROVIDE ALL LABOR, MATERIAL, TRANSPORTATION, SUPERVISION, CLEAN-UP, SERVICES, AND EQUIPMENT FOR A COMPLETE OPERATING SYSTEM. THE SYSTEM SHALL INCLUDE HOT AND COLD WATER PIPING, SEWER AND VENT PIPING, INSULATION, WATER HEATER, HANGERS, VALVES, SUPPORTS WITHOUT ANY RESTRICTIONS TO VOLUME, CUT AND PATCH AS REQUIRED TO INSTALL PIPES.
3. ALL WORK AND MATERIAL SHALL CONFORM STRICTLY TO THE LATEST LOCAL CITY, PARISH, STATE AND NATIONAL GOVERNING CODES.
4. CONTRACTOR IS TO FIELD VERIFY ALL EXISTING UTILITY LOCATIONS, ELEVATIONS AND SIZES PRIOR TO COMMENCING ANY WORK. CONTRACTOR SHALL PAY NECESSARY FEES FOR THE UTILITIES CONNECTIONS.
5. CONTRACTOR IS RESPONSIBLE TO VERIFY THE EXISTING INVERTS AND SET NEW INVERTS OF SEWERAGE AND DRAINAGE PIPES.
6. SEWERAGE LINES 3-INCH AND SMALLER SHALL BE SLOPED 1/4" PER FOOT AND LINES 4-INCH AND LARGER SHALL BE 1/8" PER FOOT.
7. TEST ALL PIPING AT REQUIRED PRESSURE.
8. ALL PLUMBING SHALL BE CLOSELY COORDINATED WITH STRUCTURAL, MECHANICAL SYSTEM AND ELECTRICAL SYSTEMS TO INSURE NO TRADES WILL CONFLICT WITH EACH OTHER.
9. DO NOT SCALE DRAWINGS. SEE ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF DOORS, WINDOWS, WALLS, FIXTURES, ETC.
10. ALL WATER MAINS AND PIPING NOT SHOWN FOR CLARITY, ALL LOCATIONS FIELD VERIFIED.
11. DOMESTIC HOT AND COLD WATER PIPING AND FITTINGS UNDER SLAB SHALL BE ASTM B88 COPPER WATER TUBE, TYPE K, SOFT ANNEALED. NO JOINTS SHALL BE ALLOWED UNDER THE SLAB.
12. DOMESTIC WATER PIPING AND FITTINGS ABOVE THE SLAB SHALL BE ASTM B38 COPPER WATER TUBE, TYPE L, HARD DRAWN WITH COPPER PRESSURE TYPE FITTINGS, ANSI B16.22. THE JOINTS SHALL BE SOLDERED TYPE USING ASTM B32 ALLOY GRADE 95A (95-5) SOLDER.
13. SOIL, WASTE, VENT PIPING AND FITTINGS ABOVE THE SLAB SHALL BE SERVICE WEIGHT CAST IRON PIPE WITH BELL AND SPIGOT ENDS AND ONE PIECE NEOPRENE INSERT TYPE GASKET. USE PVC, SCHEDULE 40 OR ABS DWV PIPES AND FITTINGS WHERE PERMITTED BY CODE.
14. ALL WATER PIPING AND FITTINGS ABOVE THE FLOOR SHALL BE INSULATED WITH 1/2" THICK FIBERGLASS INSULATION AND JACKET.
15. ALL ELECTRICAL, MECHANICAL AND PLUMBING ELEMENTS PENETRATING FIRE PARTITIONS SHALL BE FIRE CAULKED. (PENETRATIONS THROUGH RATED CONSTRUCTION SHALL BE SEALED WITH A MATERIAL CAPABLE OF PREVENTING THE PASSAGE OF FLAMES AND HOT GASES WHEN TESTED IN ACCORDANCE WITH ASTM-E814.)
16. SEE ROOF PLAN FOR PLUMBING ROOF PENETRATIONS. ROUTE VENT PIPES IN ATTIC AS NECESSARY.
17. SEE SHEET G103 FOR CONTINUATION OF UTILITIES FROM POINT APPROXIMATELY FIVE FEET OUTSIDE OF BUILDING PERIMETER.
18. ALL VENTS THROUGH ROOF (VTR) SHALL BE LOCATED A MINIMUM OF 10'-0" FROM ANY MECHANICAL OR NATURAL AIR INTAKE.

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

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

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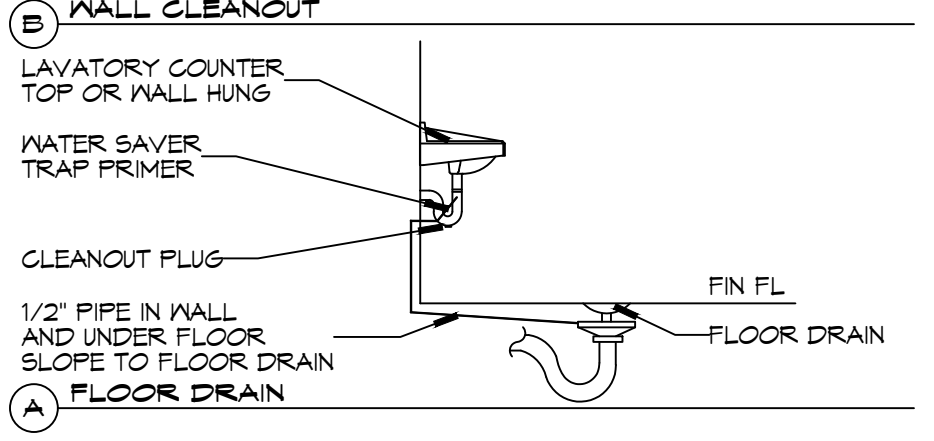
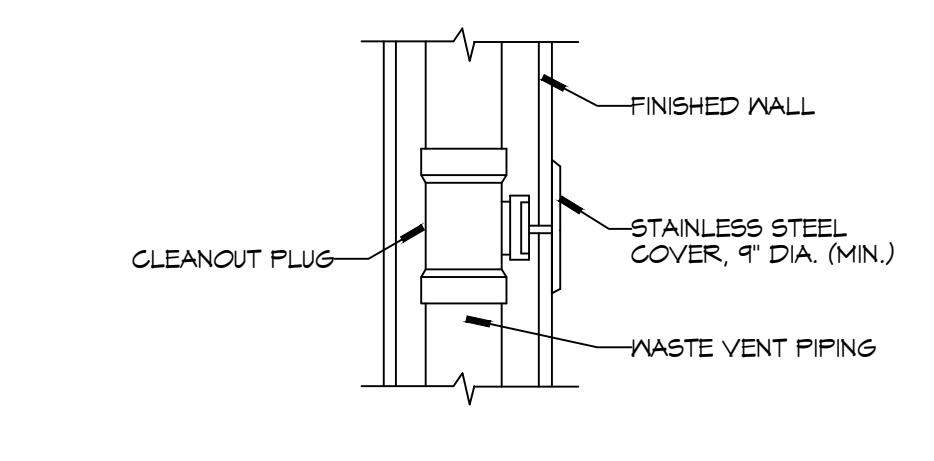
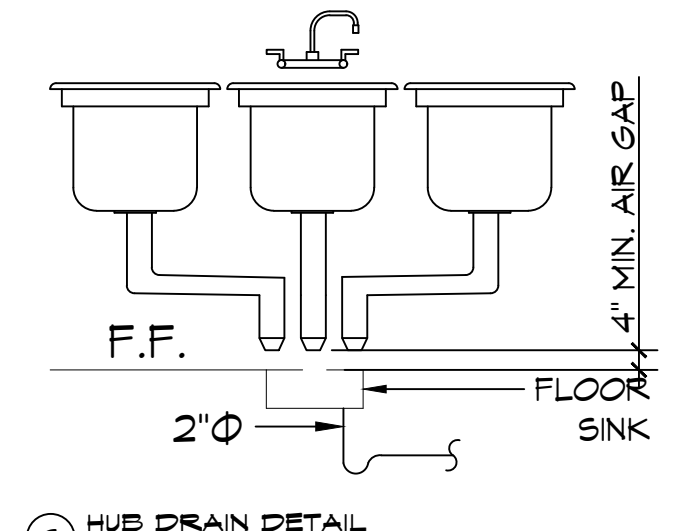
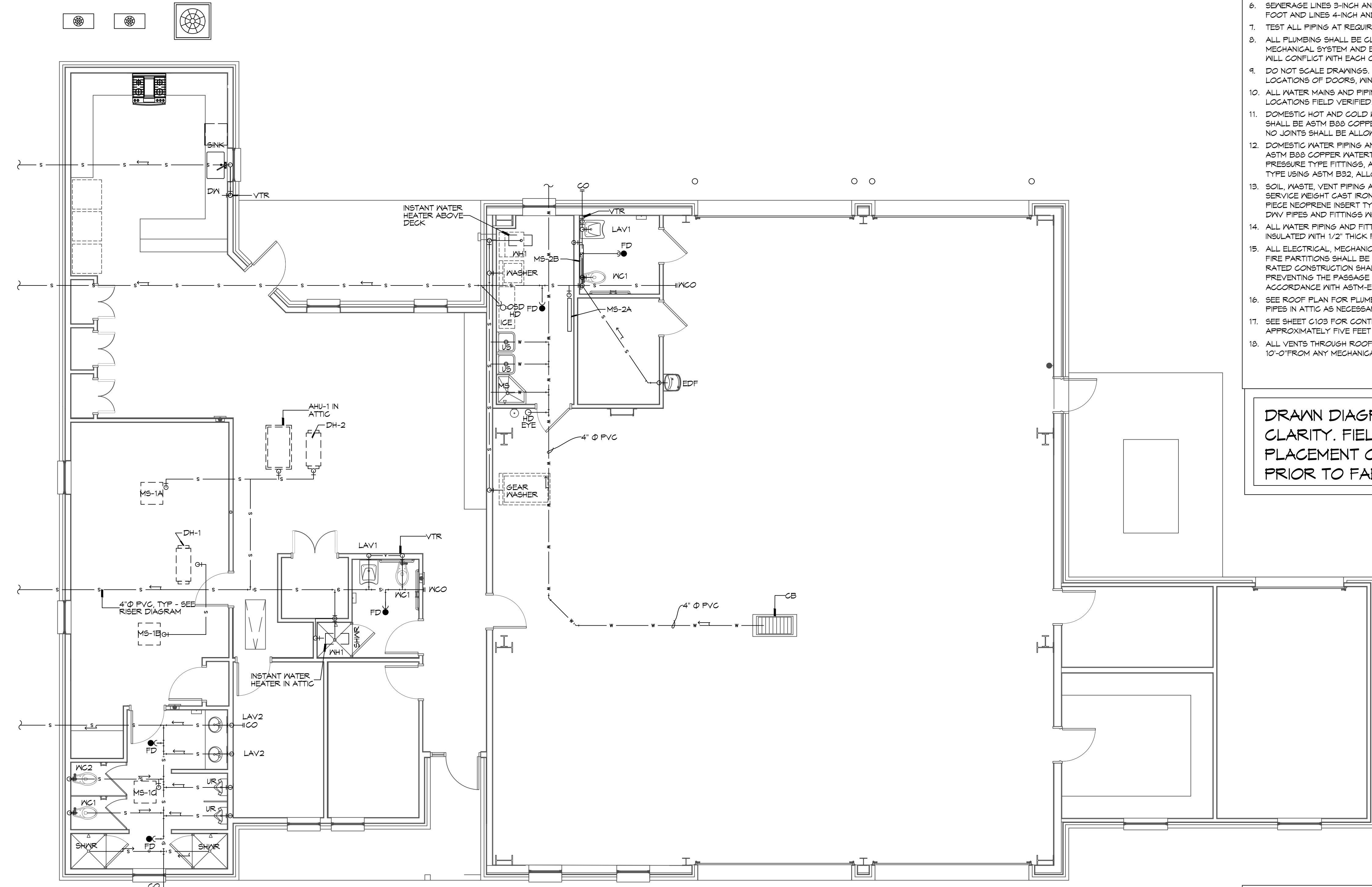


**NEW FIRE STATION #10  
ST. TAMMANY FIRE PROTECTION  
DISTRICT No. 1**  
248 LAKESHORE VISTA BLVD  
SLIDELL, LA 70461  
JOB No: 2519 DATE: 12-09-2025  
DRAWN BY: CKD CHECKED BY: BAK

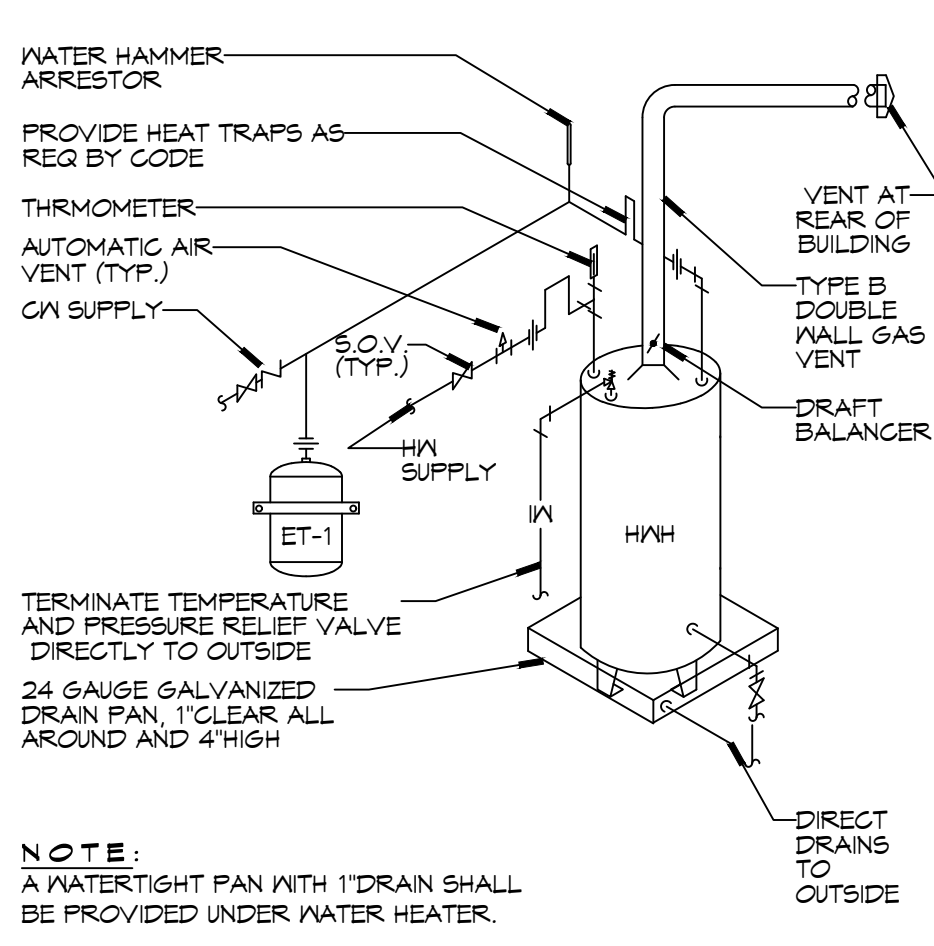
SHEET TITLE:  
**PLUMBING PLAN - SEWER  
AND WASTE, AND MISC  
PLUMBING DETAILS**

DRAWING NUMBER:  
**P101**

SHEET No: 30 of 37



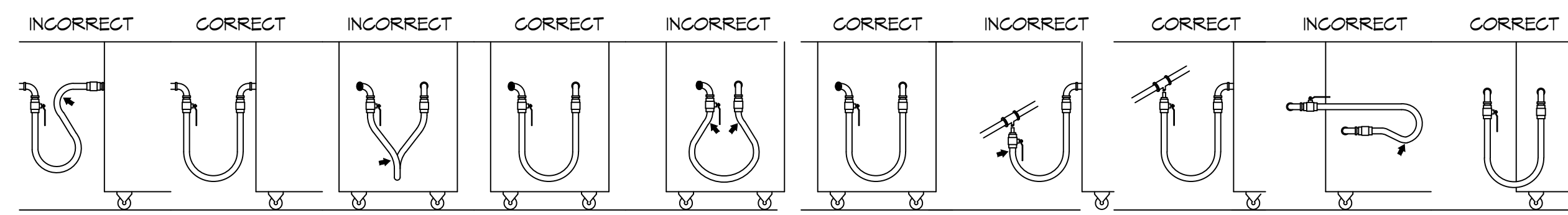
### 3 DETAILS MISCELLANEOUS PLUMBING



### 1 DETAIL PLUMBING SEWER PLAN

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

24" LAKESHORE VISTA BLVD  
 SUITE 100  
 SLIDELL, LA 70461  
 (504) 885-6499  
 www.dammoneengineering.com  
 info@dammoneengineering.com  
 PH: 985.649.5832



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

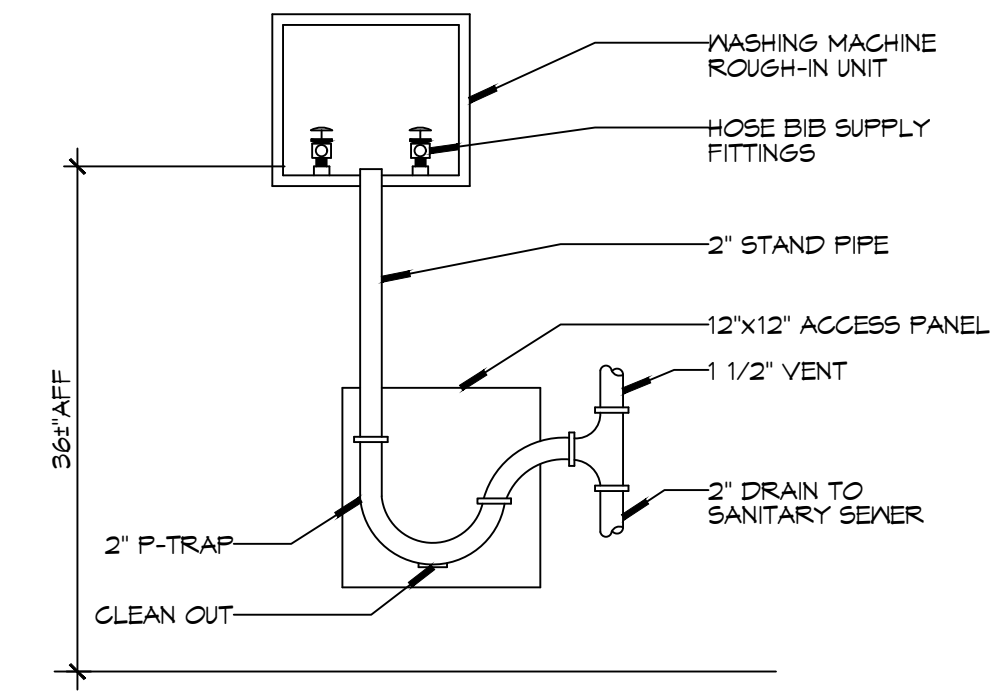
**SHARP BENDS:** THE CORRECT WAY TO INSTALL METAL HOSE FOR VERTICAL TRAVERSE IS WITH A SINGLE, NATURAL LOOP. AVOID SHARP BENDS THAT STRAIN AND TWIST THE METAL HOSE TO A POINT OF EARLY FAILURE AT THE COUPLING.

**Twisting:** COUPLINGS AND HOSE FATIGUE: MAINTAIN THE MINIMUM SHOULD BE INSTALLED IN THE SAME OR LARGER BENDING DIAMETER VERTICAL PLANE. FAILURE TO DO SO BETWEEN THE COUPLINGS CREATES CAUSES TORSIONAL TWISTING & UNIDIE STRAIN CAUSING PREMATURE FAILURE.

**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.

**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.

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



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

**GENERAL PIPING NOTES**

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

**LEGEND**

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

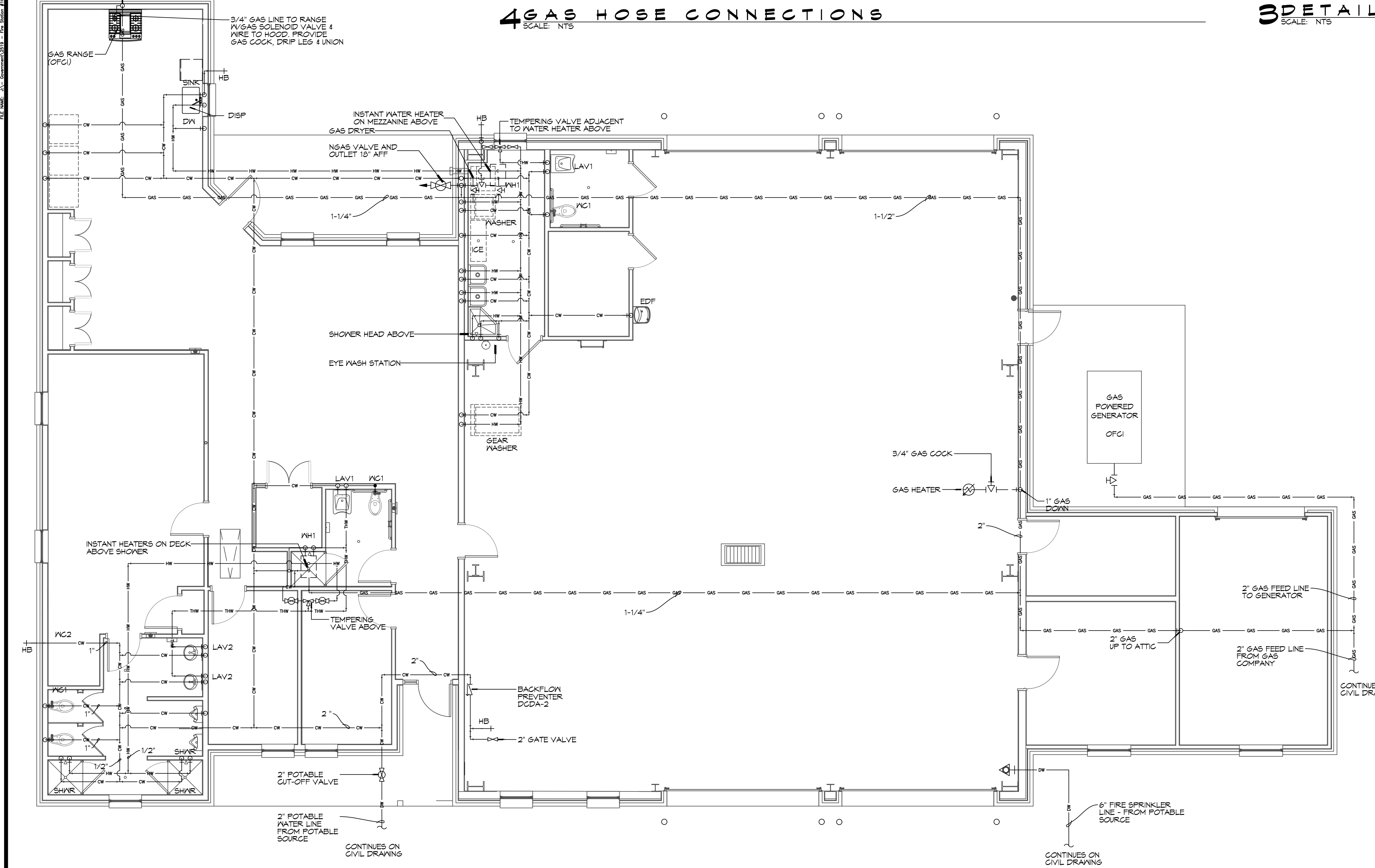
**GAS EQUIPMENT SCHEDULE**

| DESCRIPTION                      | BTU INPUT        |
|----------------------------------|------------------|
| RINNAI TANKLESS HOT WATER HEATER | 199,900          |
| RANGE                            | 106,500          |
| SPACE HEATER                     | 125,000          |
| CLOTHES DRYER                    | 95,000           |
| GENERATOR                        | 1261000          |
| <b>TOTAL BTU</b>                 | <b>1,707,400</b> |

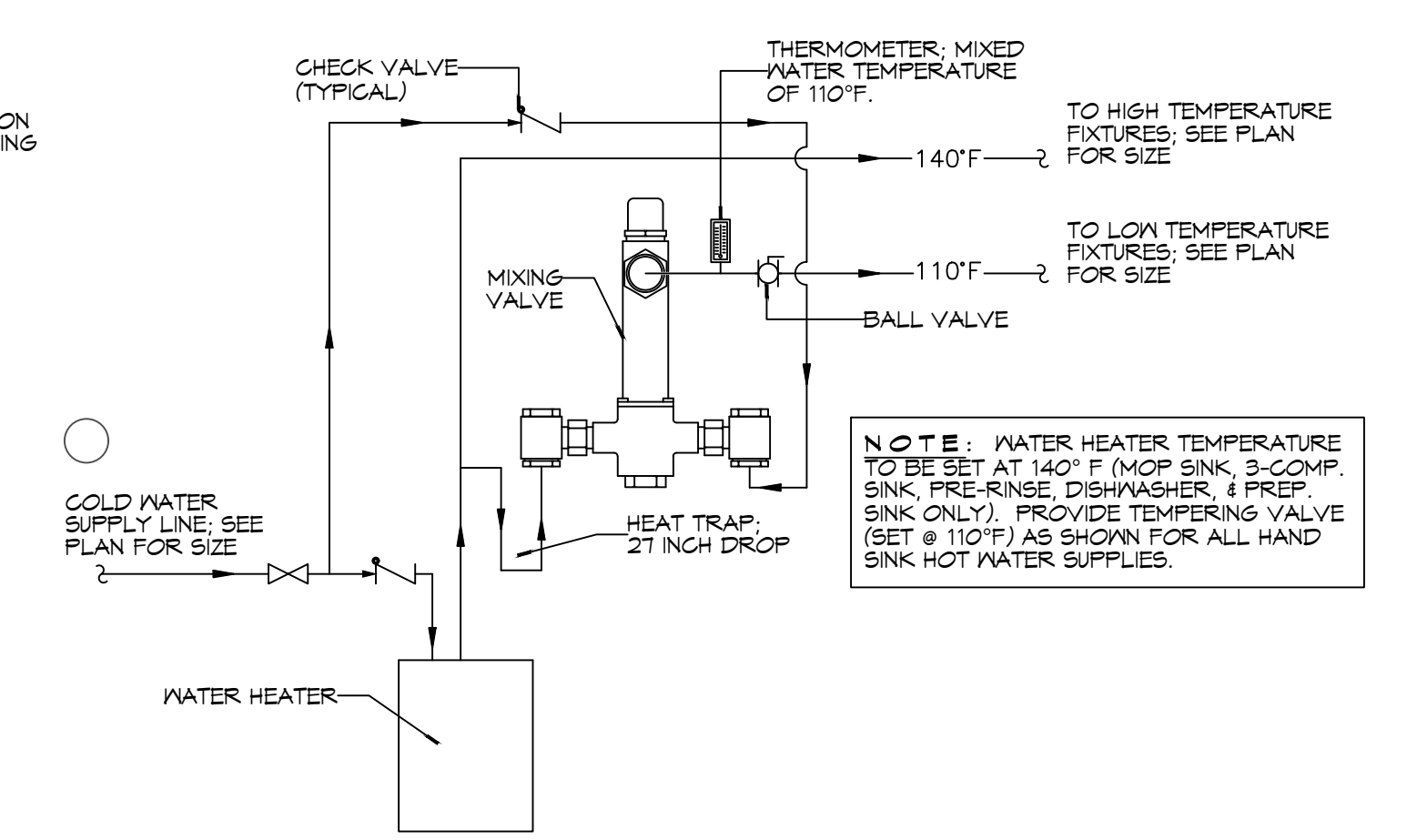
**NOTES:**  
 1. ALL GAS PIPE SHALL BE SCHEDULE 40 BLACK STEEL PIPE. ALL PIPE INSTALLED ON ROOF SHALL BE SUPPORTED ON A PIPE PIER SUPPORT SYSTEM. WOOD BLOCKING NOT ALLOWED.  
 2. ALL GAS PIPING IS SIZED FOR A LOW PRESSURE SYSTEM, (< 2 psig OR LESS AND A PRESSURE DROP OF 0.5in. OF WATER COLUMN.)

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**CONTACT FOR MAGNOLIA WATER**  
 Steve Brissl  
 Director, Louisiana Regulatory Relations  
 Email: semstec@sgroup.com  
 M(905) 640-1355



**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.

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

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

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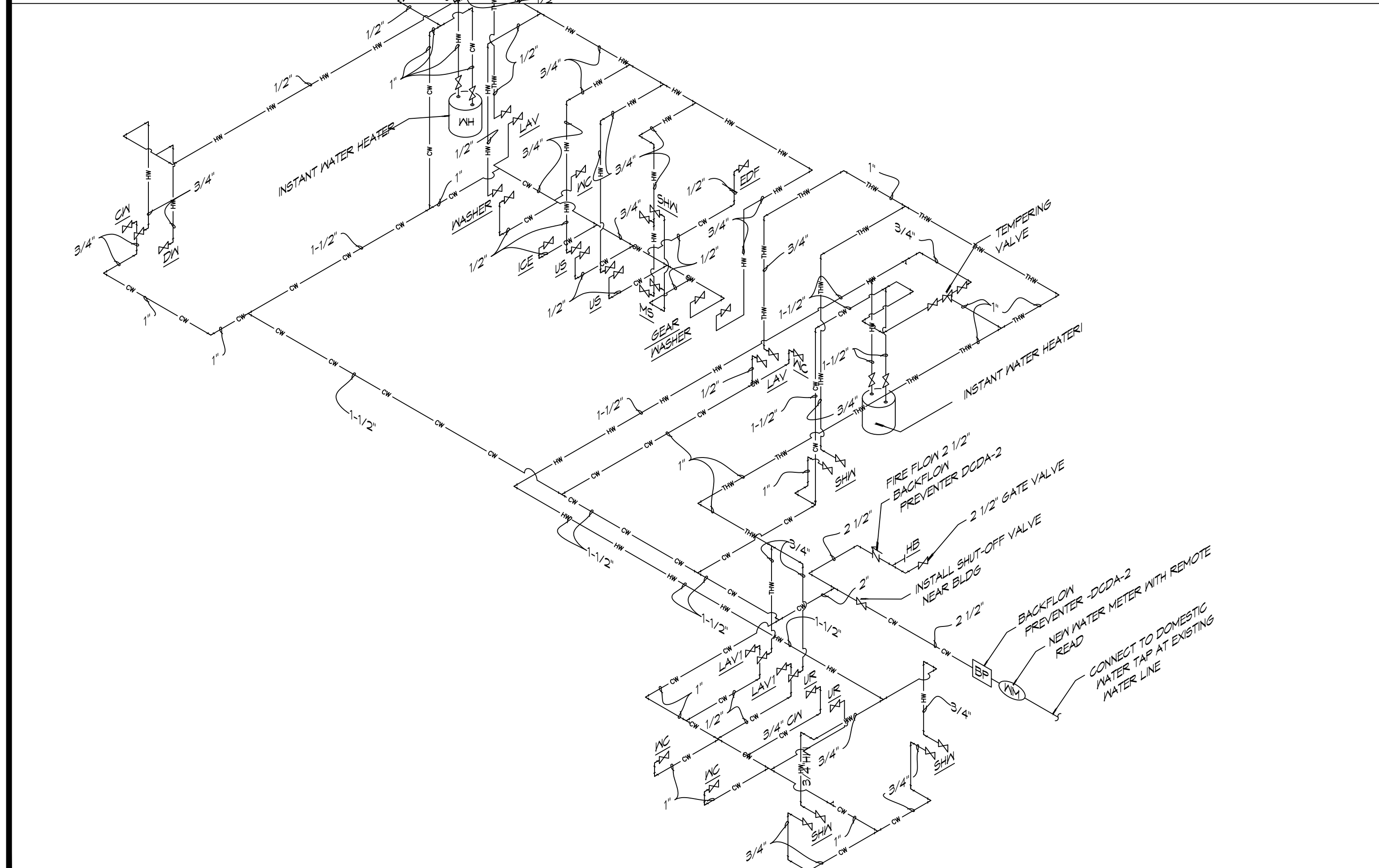
**NEW FIRE STATION #10**  
**ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1**  
 248 LAKESHORE VISTA BLVD  
 SLIDELL, LA 70461  
 JOB No: 2519  
 DATE: 12-05-2025  
 DRAWN BY: BAW  
 CHECKED BY: GKD

SHEET TITLE:  
 PLUMBING PLAN - WATER AND GAS  
 DRAWING NUMBER:  
**P102**  
 SHEET No: 31 of 37

**PLUMBING FIXTURE SCHEDULE**

| MK     | DESCRIPTION             | TYPE          | ROUGH-IN SIZE |        |        |      | BASIS OF DESIGN   | NOTES   |
|--------|-------------------------|---------------|---------------|--------|--------|------|---|---------|
|        |                         |               | WASTE         | VENT   | CM     | HM   |   |         |
| WC1    | HOT WATER CLOSET        | VALVE         | 4"            | 2"     | 1"     | -    | SLOAN ELONGATED FLOOR MOUNTED ADA WATER CLOSET ST-2029, SLOAN ELECTRONIC FLUSH, W/ELONGATED WHITE SEAT  | 3,4     |
| WC2    | WATER CLOSET            | VALVE         | 4"            | 2"     | 1"     | -    | SLOAN ELONGATED FLOOR MOUNTED ADA WATER CLOSET ST-2029, SLOAN ELECTRONIC FLUSH, W/ELONGATED WHITE SEAT  | 4       |
| UR     | URINAL                  | WALL HUNG     | 2"            | 2"     | 1/2"   | -    | SLOAN WASHDOWN URINAL SU-1009 SLOAN ELECTRONIC FLUSH  |         |
| LAV1   | HOT LAVATORY            | WALL HUNG     | 2"            | 2"     | 1/2"   | 1/2" | SLOAN BATHROOM SINK: 55-3103 SLOAN DOUBLE BLADE FAUCET  | 2,3,4   |
| LAV2   | LAVATORY                | COUNTER       | 2"            | 2"     | 1/2"   | 1/2" | EMMA WASH BASIN 4-520 MOEN DOUBLE BLADE FAUCET 8215   | 1,2,3,4 |
| FD     | FLOOR DRAIN             | -             | 2"            | 2"     | -      | -    | JAY R. SMITH 2010-B-P, COATED CAST IRON W/ADJUSTABLE NICKEL BRONZE GRATE, TRAP PRIMER CONNECTION & DEEP SEAL TRAP.  | 4       |
| US     | UTILITY SINK            | FLOOR         | 2"            | 2"     | 3/4"   | 3/4" | FIAT FL-1 FLOOR MOUNTED LAUNDRY SINK WITH DELTA LF 2HDL FAUCET  | 4       |
| MS     | MOP SINK                | FLOOR         | 2"            | 2"     | 3/4"   | 3/4" | FIAT TSBC1611 MOP SINK WITH CHICAGO 89T-RCF FAUCET, DELTA FAUCET MULTI-CHOICE VALVE BODY R10000-IPMS; DELTA FAUCET MULTI-CHOICE PRESSURE BALANCE SHOWER VALVE T13H153 AND T13H162   | 4       |
| SINK   | SINGLE KITCHEN SINK     | UNDER COUNTER | 2"            | 2"     | 3/4"   | 3/4" | KRAUS 32" UNDERMOUNT SINGLE BOWL KHU100-32 KOHLER THREE FUNCTION SPRAYHEAD K-29106  | 4       |
| DISP   | GARBAGE DISPOSAL        | UNDER COUNTER | 2"            | 2"     | -      | -    | INSINKERATOR LC-50  | 4       |
| DW     | DISHWASHER              | UNDER COUNTER | -             | -      | -      | 1/2" | OFGI  | 5       |
| SHWR   | SHOWER                  | -             | 3"            | 2"     | 1/2"   | 1/2" | 36"X36" AQUATIC SHOWER W/GLASS DOOR, 1369BF-8C WITH DELTA FAUCET MULTI-CHOICE VALVE BODY R10000-IPMS, DELTA FAUCET MULTI-CHOICE PRESSURE BALANCE SHOWER VALVE T13H153 AND T13H162; AND JONES STEPHENS CORP. NO CAULK SHOWER STALL DRAIN AND SS STRAINER D40140. | 4       |
| MH1    | WATER HEATER            | GAS           | -             | 3"     | 3/4"   | 3/4" | RINNAI 199I INSTANT NONCONDENSING WATER HEATER  | 4       |
| N/A    |                         |               |               |        |        |      |   |         |
| EDF    | ELEC DRINKING FOUNTAIN  | WALL HUNG     | 1-1/2"        | 1"     | 1/2"   | -    | ELKAY DRINKING FOUNTAIN WITH BOTTLE FILLER: ON-WALL, REFRIGERATED, 39 1/2 IN HT, GRAY, FILTERED   | 4       |
| ICE    | ICE MACHINE             | FLOOR MOUNT   | 2"            | 2"     | 1/2"   | -    | OFGI  | 5       |
| WASH   | LAUNDRY WASHING MACHINE | FLOOR MOUNT   | 2"            | 1-1/2" | 3/4"   | 3/4" | OFGI  | 5       |
| DRYER  | GAS CLOTHES DRYER       | FLOOR MOUNT   | -             | -      | -      | -    | OFGI  | 5       |
| HB     | FREEZE PROOF HOSE BIBB  | WALL          | -             | -      | 1/2"   | -    | ZURN Z1341-BFP WALL FAUCET W/ BACKFLOW PREVENTER  | 4       |
| FCO    | FLOOR CLEAN-OUT         | -             | -             | -      | -      | -    | MADE W-6004-Y, CAST IRON W/ADJUSTABLE HOUSING, ROUND HEAVY CAST IRON VANDAL PROOF TOP. (ALTERNATE JOSAM NO. 50014-15)   | 4       |
| WCO    | WALL CLEAN-OUT          | -             | -             | -      | -      | -    | MADE W-8453-R6, WITH BRASS PLUG AND ROUND STAINLESS STEEL SECURED ACCESS COVER.   | 4       |
| CB     | CATCH BASIN             | -             | SEE DWG       | -      | -      | -    | SGI PRECAST CB 24X24 W/CAST IRON FRAME AND GRATE U.S. FOUNDARY 4653/6337  | 4       |
| OVS    | OIL WATER SEPARATOR     | -             | -             | -      | -      | -    | 50 GAL OIL WATER SEPARATOR  | 4       |
| LS     | NOT USED                | -             | -             | -      | -      | -    | NOT USED  | 4       |
| DCDA-1 | NOT USED                | -             | -             | -      | 2"     | -    | NOT USED  | 4       |
| DCDA-2 | CHECK VALVE             | -             | -             | -      | 2-1/2" | -    | ZURN DOUBLE CHECK DETECTOR ASSEMBLY MODEL 3500A   | 4       |
| ABH    | APPARATUS BAY HEATER    | WALL          | -             | -      | -      | -    | SUPPLIED UNDER MECHANICAL CONTRACT STERLING MODEL TF 125  | 4       |
| AHU    | AIR HANDLING UNIT       | -             | 2"            | 2"     | -      | -    | SUPPLIED UNDER MECHANICAL CONTRACT  |         |
| EYE    | EYEWASH STATION         | FLOOR MOUNT   | 3"            | 2"     | 3/4"   | 3/4" | GUARDIAN 61825 EYEWASH  |         |

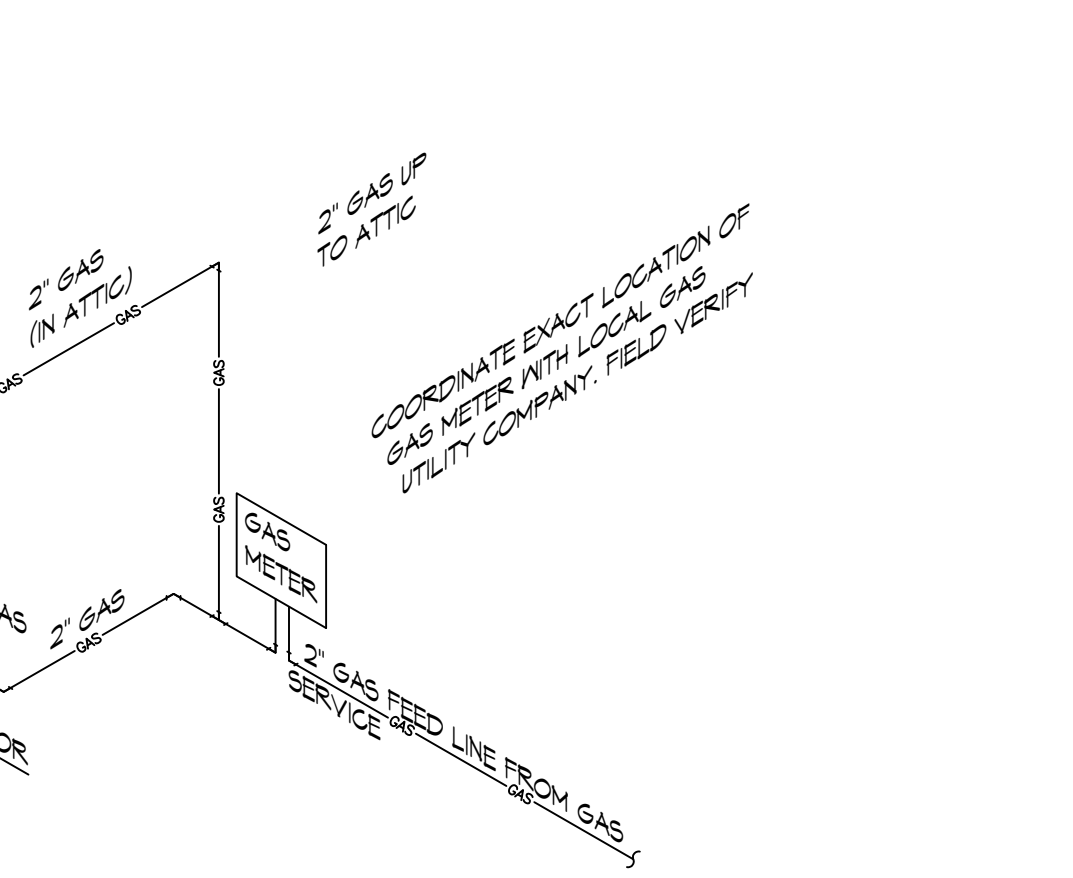
**NOTES:**  
 1. HOT WATER AND DRAIN PIPES UNDER LAVATORIES SHALL BE INSULATED OR OTHERWISE CONFIGURED TO PROTECT AGAINST CONTACT. THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER LAVATORIES.  
 2. PROVIDE CHAIR CARRIER FOR ALL WALL-MOUNTED PLUMBING FIXTURES.  
 3. INSTALL A CONTINUOUS DRIP VALVE ON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



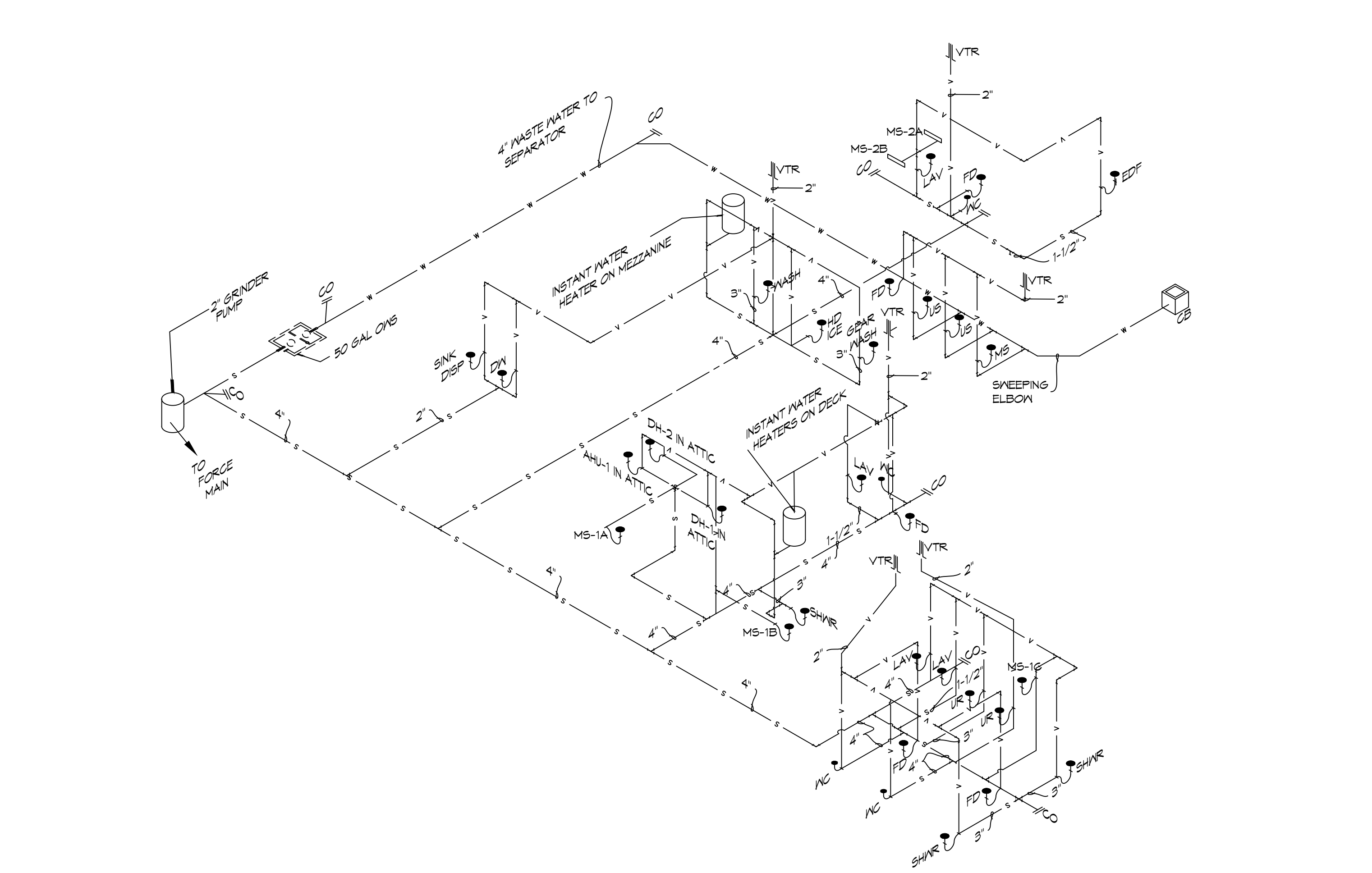
**2 RISER DIAGRAM**  
SCALE: NTS PLUMBING WATER SUPPLY

**RISER DIAGRAM NOTES**

- PLUMBING LINES SHOWN ARE DRAWN DIAGRAMMATIC IN NATURE AND REPRESENT CONCEPTUAL ROUTING ONLY. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF ALL ACTUAL CONDITIONS.
- DO NOT SCALE DRAWINGS. SEE ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF DOORS, WINDOWS, WALLS, FIXTURES, ETC.
- ALL ELECTRICAL, MECHANICAL AND PLUMBING ELEMENTS PENETRATING FIRE PARTITIONS SHALL BE FIRE CAULKED. ALL WALLS AND (PENETRATIONS THROUGH RATED CONSTRUCTION SHALL BE SEALED WITH A MATERIAL CAPABLE OF PREVENTING THE PASSAGE OF FLAMES AND HOT GASES WHEN TESTED IN ACCORDANCE WITH ASTM-E814.)
- SEE SHEET P101 FOR GENERAL PLUMBING NOTES.
- SEE ROOF PLAN FOR INTENDED LOCATIONS OF ALL ROOF PENETRATIONS.
- SEE CIVIL DRAWINGS FOR SITE DRAINAGE CATCH BASIN LOCATIONS.



**3 RISER DIAGRAM**  
SCALE: NTS



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

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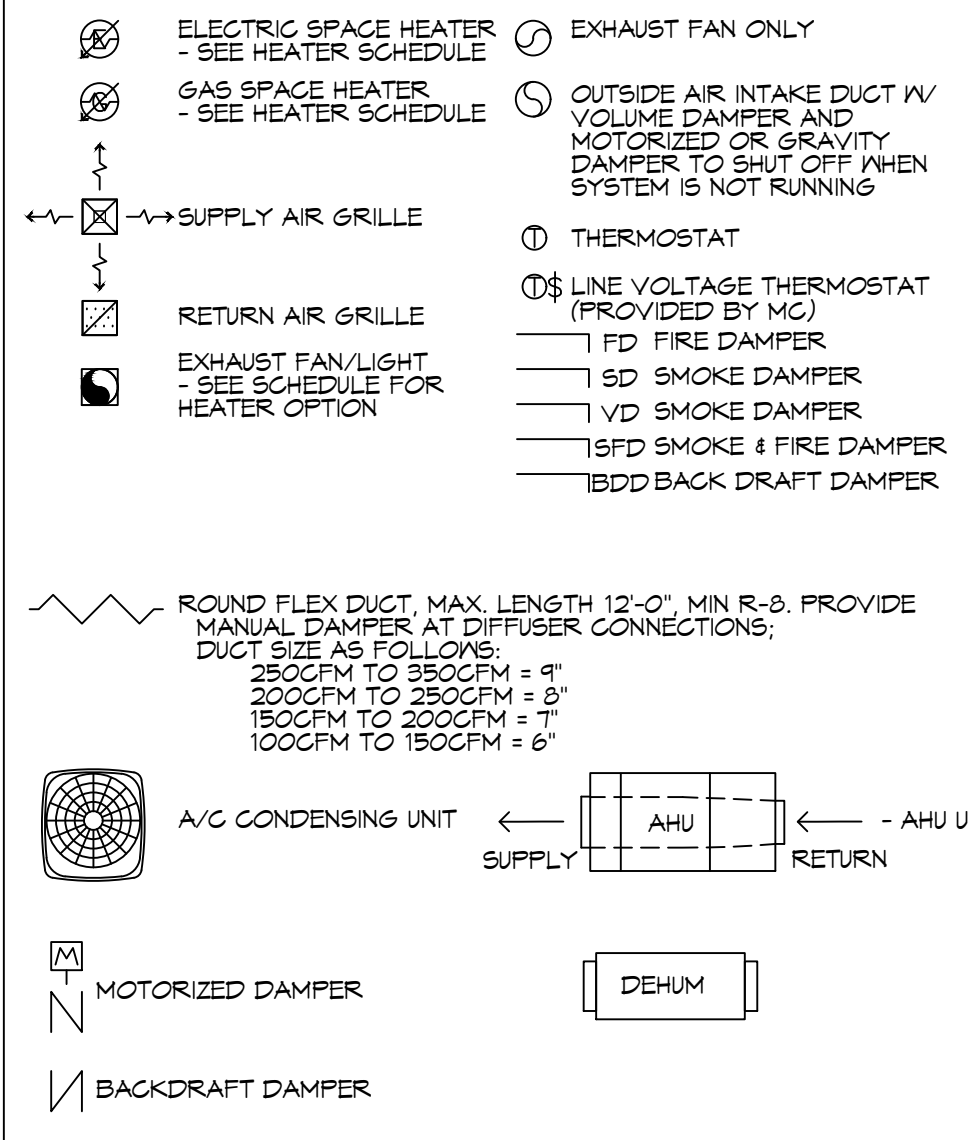
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NEW FIRE STATION #10  
 ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1  
 2148 LAKESHORE VISTA BLVD  
 SLIDELL, LA 70461  
 JOB No: 2519 DATE: 12-05-2025  
 DRAWN BY: CKD CHECKED BY: BAK

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

### LEGEND

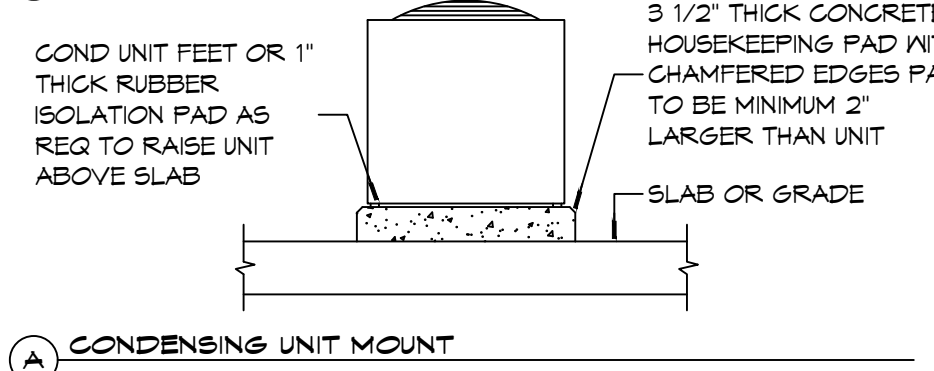
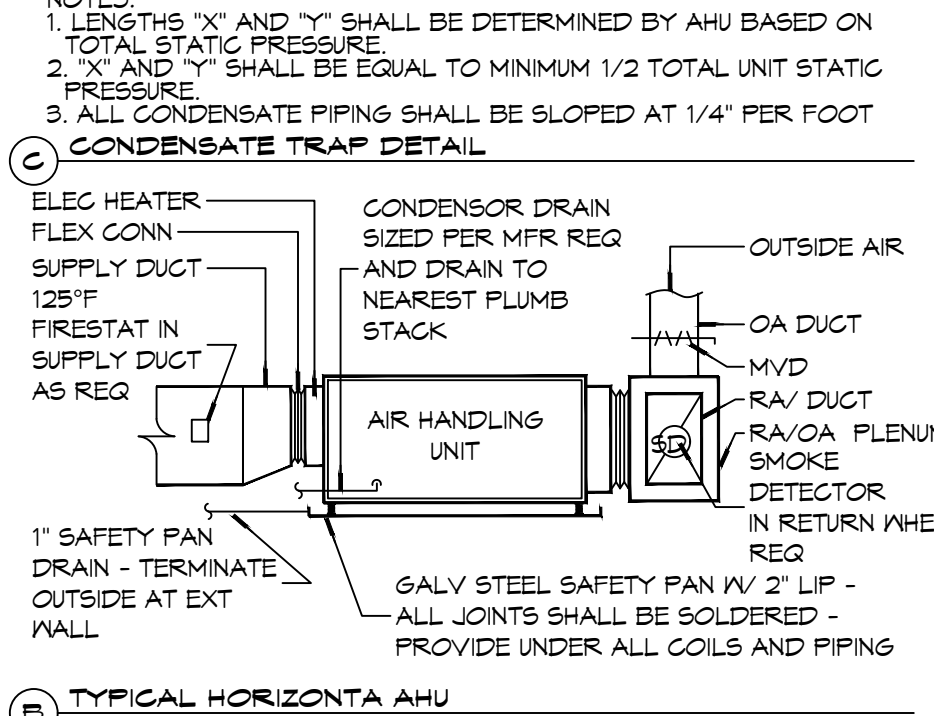
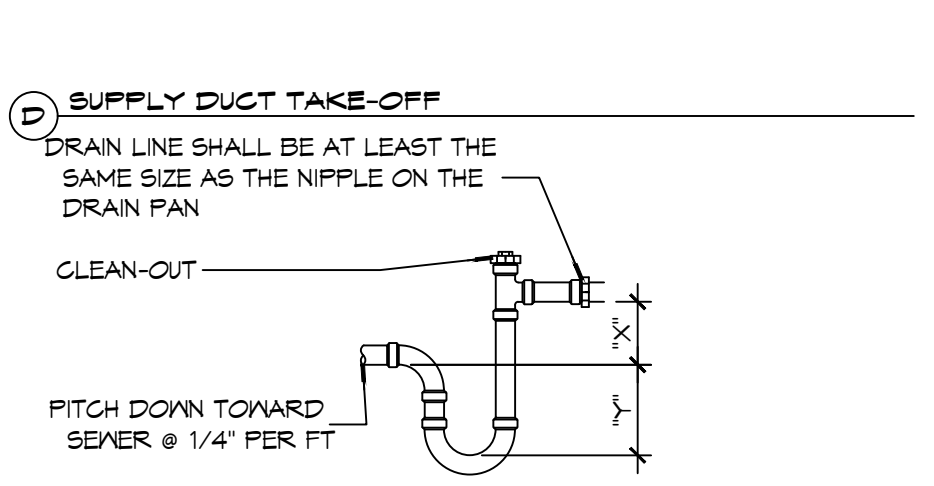
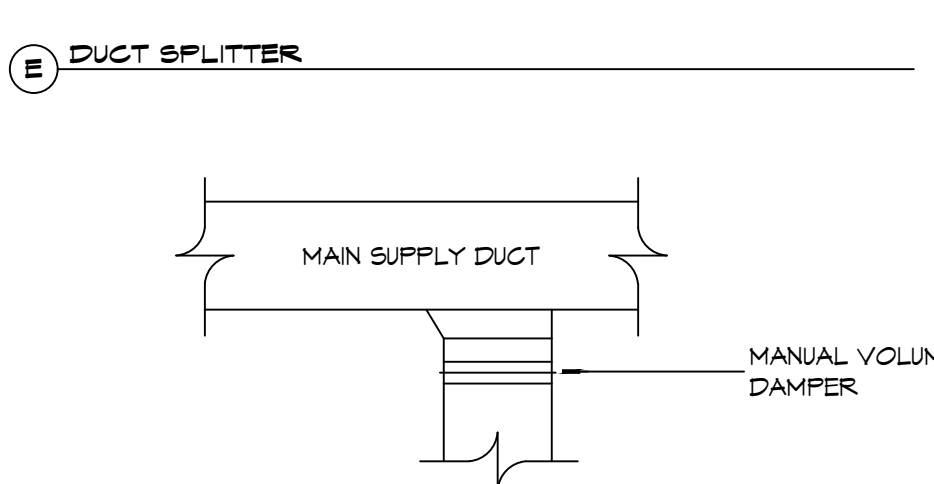
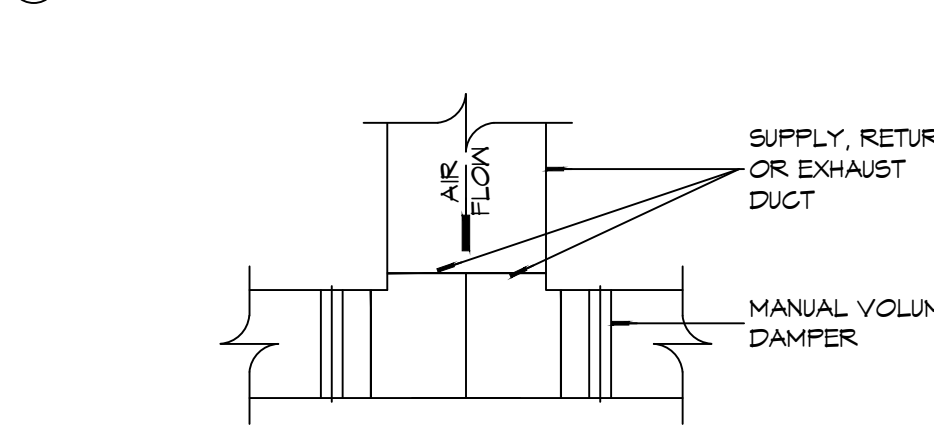
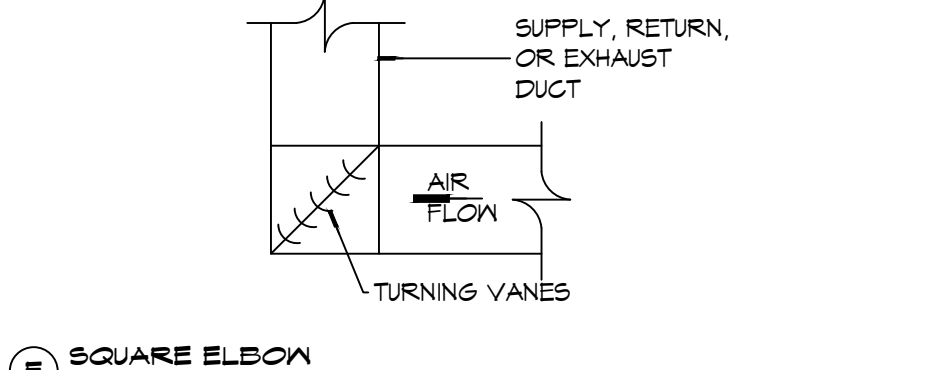


### GENERAL HVAC NOTES

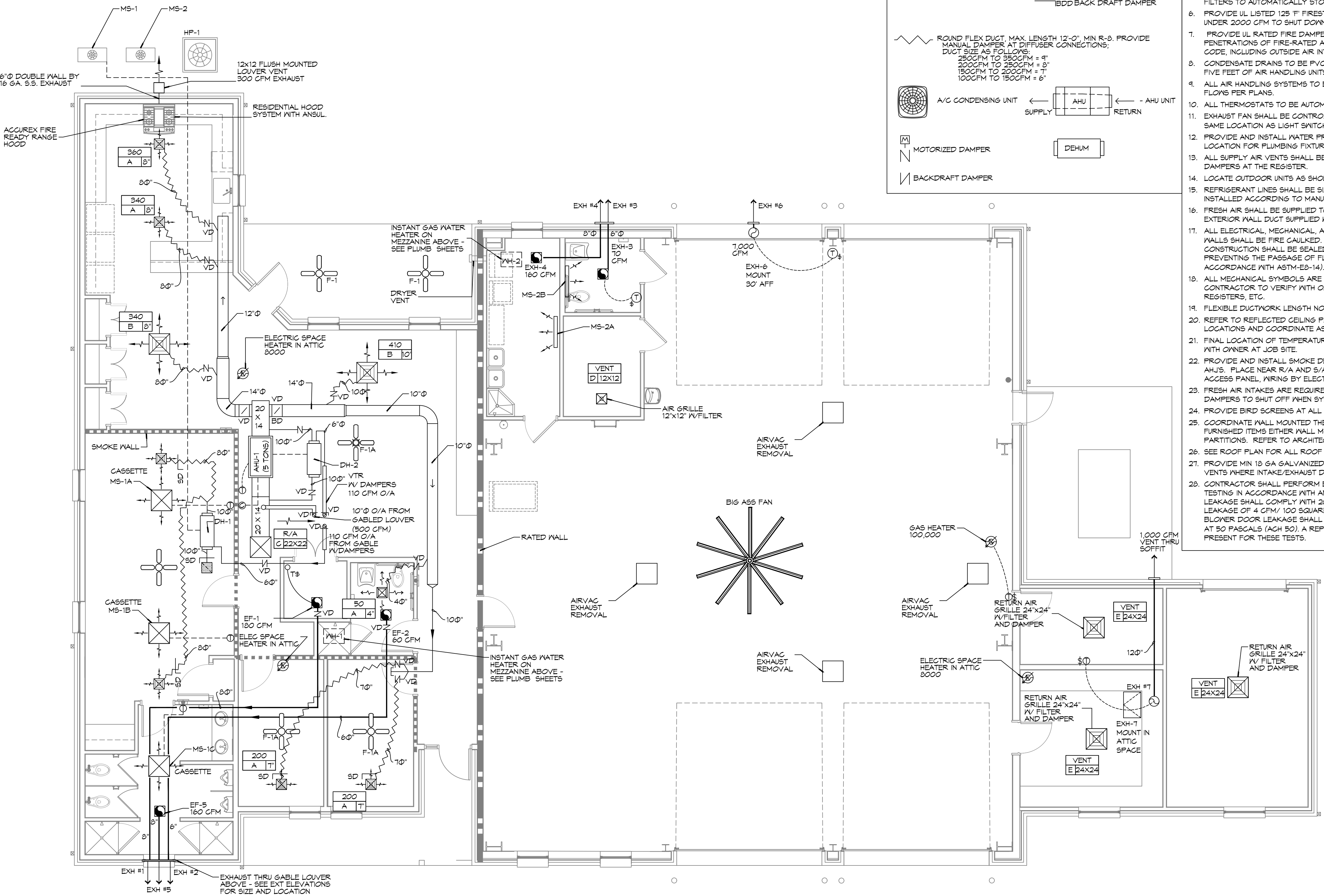
- CONCEALED DUCTWORK TO BE GALVANIZED SHEET METAL LINED WITH FIBROUS GLASS DUCT LINER, MIN R-6. INSTALLED PER SMACNA STANDARDS.
- EXPOSED DUCTWORK TO BE GALVANIZED SHEET METAL LINED WITH FIBROUS GLASS DUCT LINER, MIN R-6. INSTALLED PER SMACNA STANDARDS.
- ROUND FLEXIBLE DUCT TO BE UL-181, CLASS 1, AIR DUCT MATERIALS.
- DUCT SIZES SHOWN ARE CLEAR INSIDE DIMENSIONS.
- IN ALL SYSTEMS OVER 2000 CFM AND LESS THAN 15,000 CFM, SMOKE DETECTORS SHALL BE INSTALLED IN ACCORDANCE WITH NFPA 72E IN THE RETURN DUCT DOWNSTREAM OF THE AIR HANDLING UNIT AND ALL FILTERS TO AUTOMATICALLY STOP THE FAN.
- PROVIDE UL LISTED 125°F FIRESTAT IN RETURN AIR OF EACH SYSTEM UNDER 2000 CFM TO SHUT DOWN THE FAN IN THE EVENT OF FIRE.
- PROVIDE UL RATED FIRE DAMPERS WHERE REQUIRED AT ALL DUCT PENETRATIONS OF FIRE-RATED ASSEMBLIES AND WHERE REQUIRED BY CODE, INCLUDING OUTSIDE AIR INTAKES AND EXHAUST FANS.
- CONDENSATE DRAINS TO BE PVC PIPE RUN TO PLUMBERS P-TRAP WITHIN FIVE FEET OF AIR HANDLING UNITS.
- ALL AIR HANDLING SYSTEMS TO BE BALANCED TO ASSURE PROPER AIR FLOWS PER PLANS.
- ALL THERMOSTATS TO BE AUTOMATIC CHANGEOVER WITH HEAT SWITCH.
- EXHAUST FAN SHALL BE CONTROLLED BY A SWITCH ON THE WALL IN THE SAME LOCATION AS LIGHT SWITCH(S). PROVIDE BACK DRAFT DAMPER.
- PROVIDE AND INSTALL WATER PROOF GRILLE VENT IN PROPER ROOF LOCATION FOR PLUMBING FIXTURE EXHAUST.
- ALL SUPPLY AIR VENTS SHALL BE EQUIPPED WITH AIR CONTROL DAMPERS AT THE REGISTER.
- LOCATE OUTDOOR UNITS AS SHOWN ON ARCHITECTURAL DRAWINGS.
- REFRIGERANT LINES SHALL BE SIZED BY UNIT MANUFACTURER AND INSTALLED ACCORDING TO MANUFACTURER'S INSTRUCTIONS.
- FRESH AIR SHALL BE SUPPLIED TO EACH AIR HANDLER THROUGH EXTERIOR WALL DUCT SUPPLIED WITH A CONTROL DAMPER.
- ALL ELECTRICAL, MECHANICAL, AND PLUMBING PENETRATING FIRE WALLS SHALL BE FIRE CAULKED. PENETRATIONS THROUGH RATED CONSTRUCTION SHALL BE SEALED WITH A MATERIAL CAPABLE OF PREVENTING THE PASSAGE OF FLAMES AND HOT GASES WHEN TESTED IN ACCORDANCE WITH ASTM-E8-14).
- ALL MECHANICAL SYMBOLS ARE DRAWN DIAGRAMMATICALLY. CONTRACTOR TO VERIFY WITH OWNER LOCATIONS OF VENTS, DAMPERS, REGISTERS, ETC.
- FLEXIBLE DUCTWORK LENGTH NOT TO EXCEED 12'-0".
- REFER TO REFLECTED CEILING PLAN FOR FINAL GRILLE AND DIFFUSER LOCATIONS AND COORDINATE AS REQUIRED.
- FINAL LOCATION OF TEMPERATURE CONTROLS TO BE COORDINATED WITH OWNER AT JOB SITE.
- PROVIDE AND INSTALL SMOKE DETECTORS AS APPROVED BY LOCAL AHJ'S. PLACE NEAR R/A AND S/A OPENINGS OF AHU AND PROVIDE, WITH ACCESS PANEL, WIRING BY ELECTRICAL CONTRACTOR.
- FRESH AIR INTAKES ARE REQUIRED TO HAVE MOTORIZED OR GRAVITY DAMPERS TO SHUT OFF WHEN SYSTEM IS NOT RUNNING.
- PROVIDE BIRD SCREENS AT ALL EXTERIOR MECHANICAL PENETRATIONS.
- COORDINATE WALL MOUNTED THERMOSTAT LOCATIONS WITH ALL OWNER FURNISHED ITEMS EITHER WALL MOUNTED OR FLOOR MOUNTED AGAINST PARTITIONS. REFER TO ARCHITECTURAL DRAWINGS.
- SEE ROOF PLAN FOR ALL ROOF PENETRATIONS.
- PROVIDE MIN 16 GA GALVANIZED SHEET METAL TO BLANK-OFF GABLE VENTS WHERE INTAKE/EXHAUST DUCTS OCCUR.
- CONTRACTOR SHALL PERFORM BLOWER DOOR AND AIR DUCT LEAKAGE TESTING IN ACCORDANCE WITH ANSI/RESNET/ICC 380 - 2022. DUCT LEAKAGE SHALL COMPLY WITH 2021 IECC STANDARDS WITH A MAXIMUM LEAKAGE OF 4 CFM/100 SQUARE FOOT OF CONDITIONED AREA. BLOWER DOOR LEAKAGE SHALL NOT EXCEED 5 AIR CHANGES PER HOUR AT 50 PASCALS (ACH 50). A REPRESENTATIVE FROM FD-1 WILL BE PRESENT FOR THESE TESTS.

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



**2 DETAILS**  
 SCALE: NTS



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

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

THIS WORK SHALL MEET ALL HVAC CODES

- 2021 EDITION OF THE IMC
- 2021 IECC ENERGY CODE

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

| # | DESCRIPTION | DATE |
|---|-------------|------|
|   |             |      |
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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: KCD  
 CHECKED BY: KCD  
 BAW

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

**MIN-SPLIT SCHEDULE**

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

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

**DX SPLIT SYSTEM SCHEDULE**

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

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

**Exhaust Fan Schedule**

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

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

**EXHAUST REMOVAL SCHEDULE**

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

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

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

**DEHUMIDIFIER SCHEDULE**

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

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

**DIFFUSER SCHEDULE**

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

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

**WATER HEATER SCHEDULE**

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

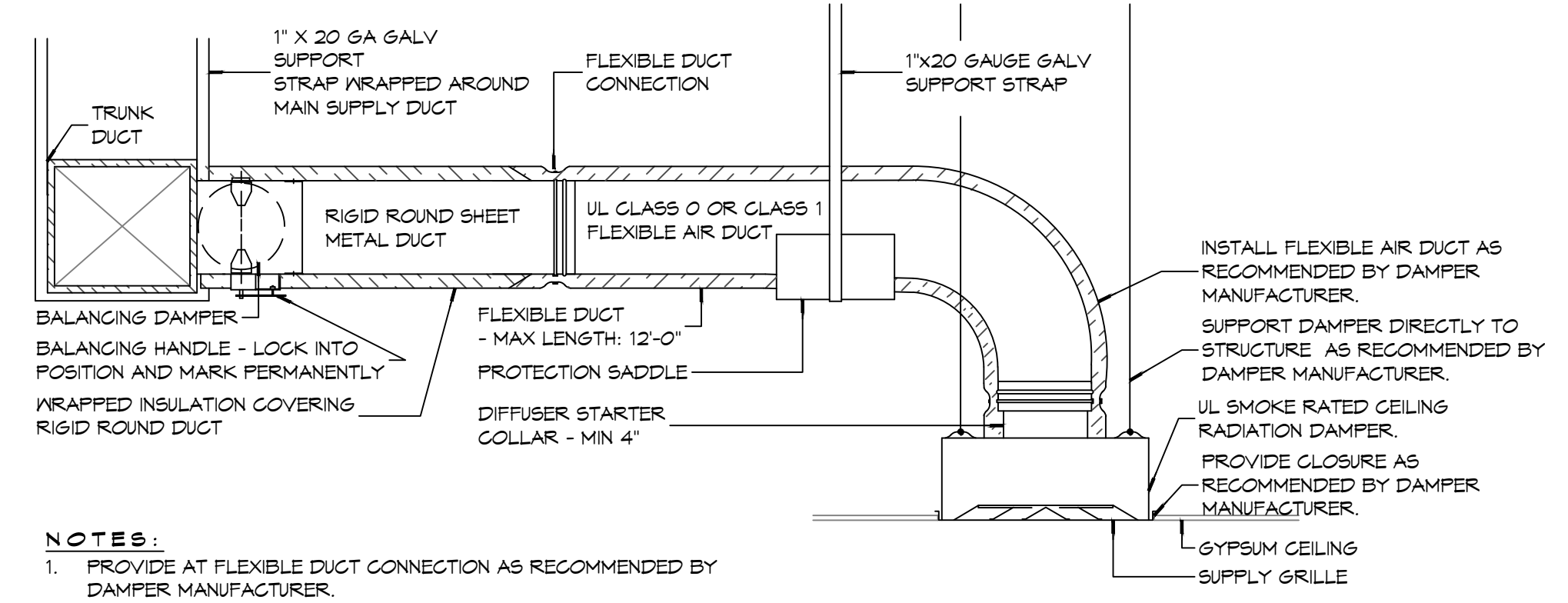
- NOTES:**
1. Install units in accordance with NFPA and manufacturer's recommendations.

**GENERAL HVAC NOTES**

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

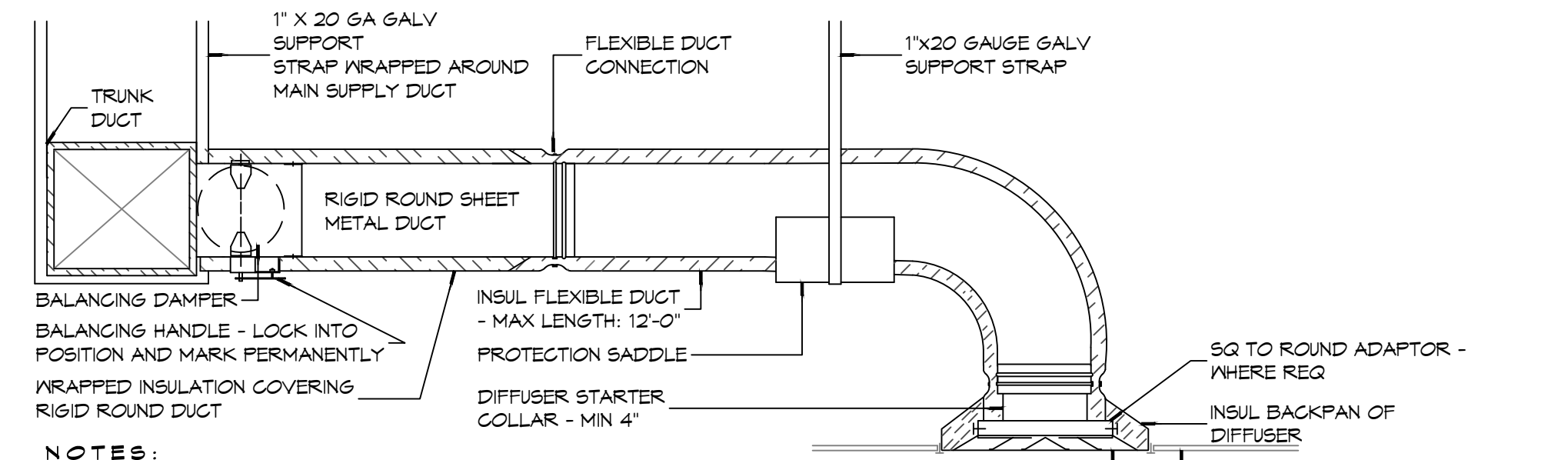
**DAMMON ENGINEERING, INC.**  
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| # | DESCRIPTION | DATE |
|---|-------------|------|
|   |             |      |



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

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



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

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

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

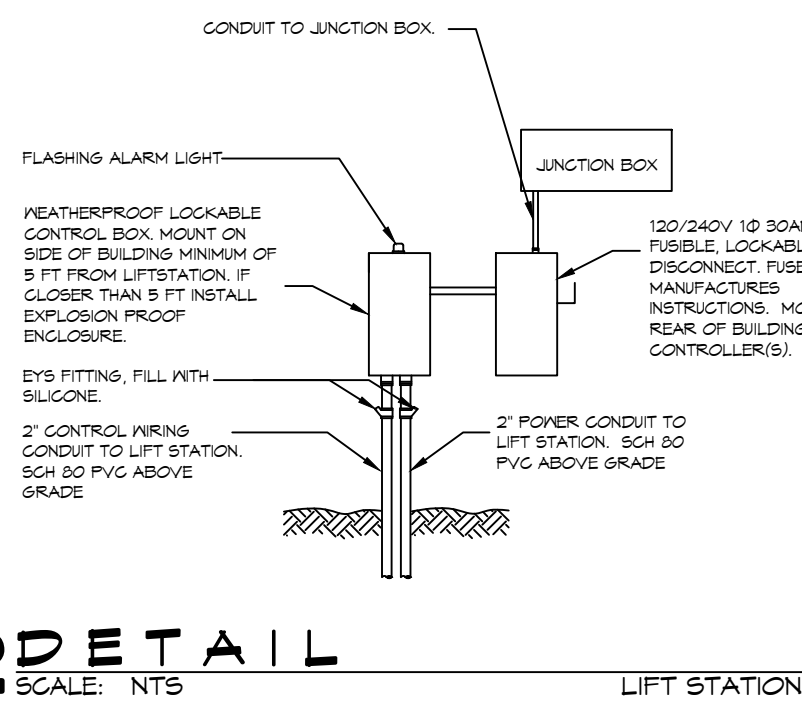
SHEET TITLE:  
HVAC DETAILS AND SCHEDULES

DRAWING NUMBER:

**M102**

DATE: 04/11/2025 11:13:13 AM - Project: 248 - Fire Station #10 - District No. 1 - Electrical - Power Plan - Power Source - 248 - Fire Station #10 - District No. 1 - Electrical - Power Plan - Power Source - 248 - Fire Station #10 - District No. 1 - Electrical - Power Plan - Power Source

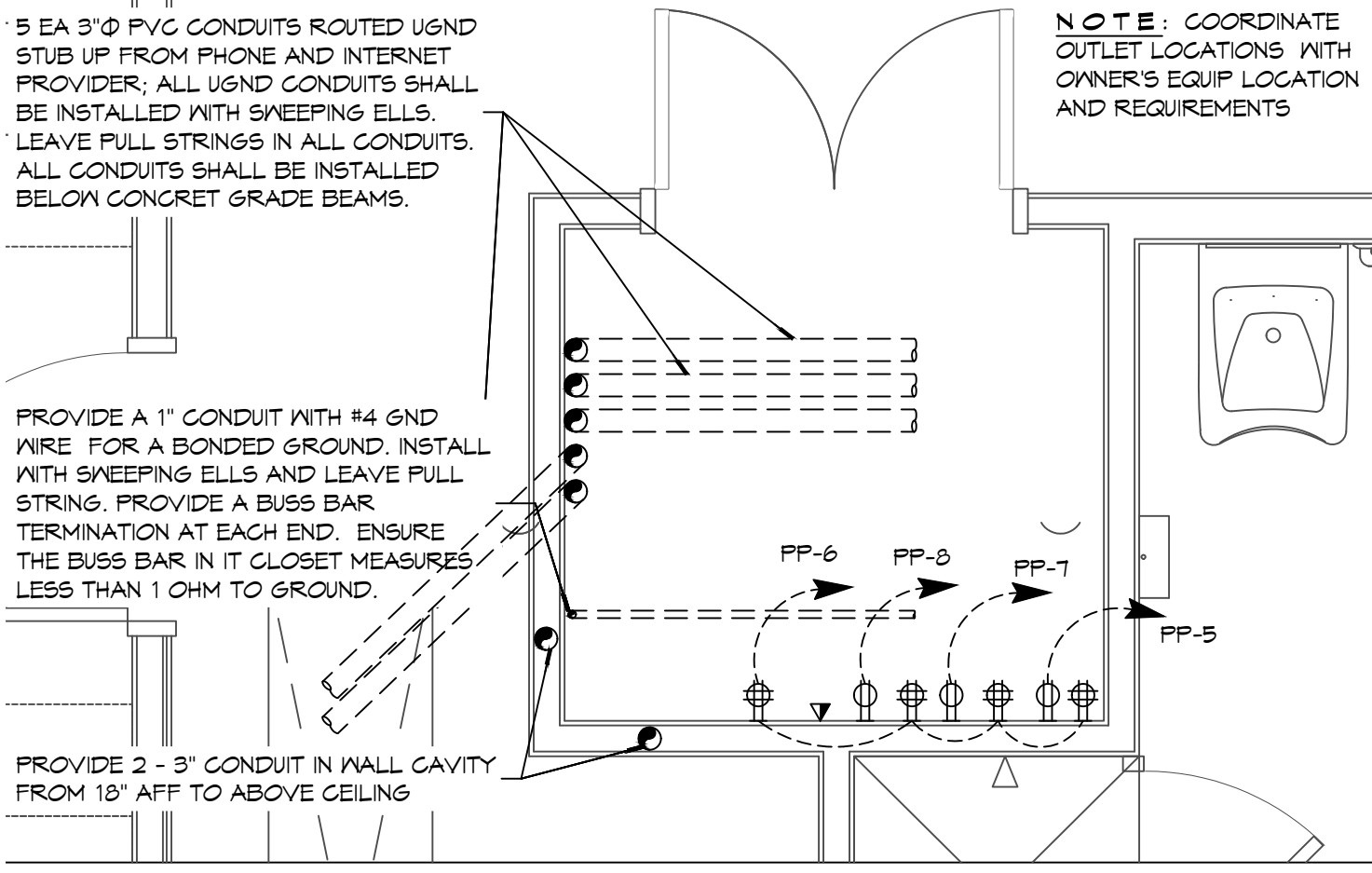
### 2 DETAIL



SCALE: NTS  
LIFT STATION

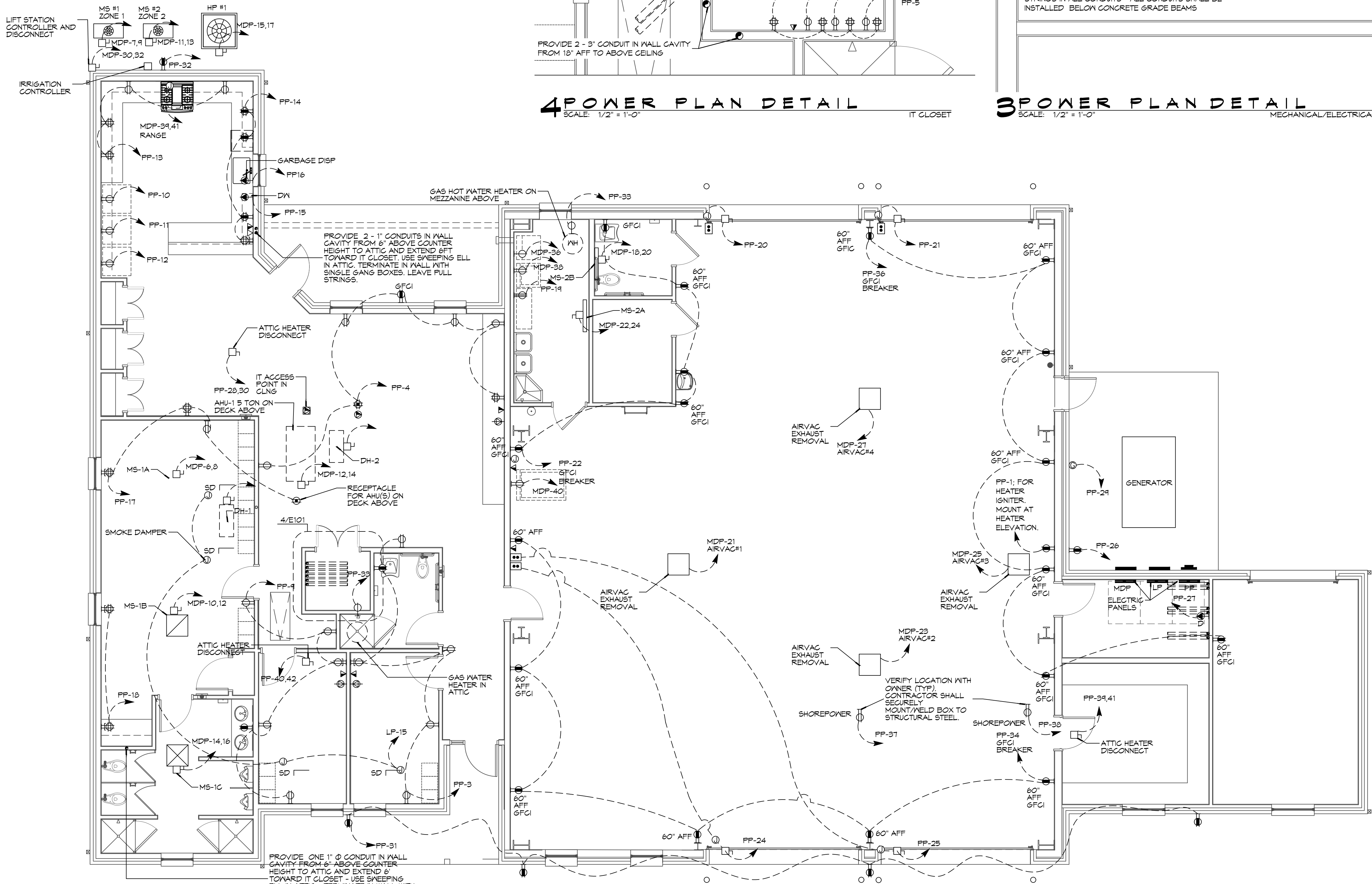
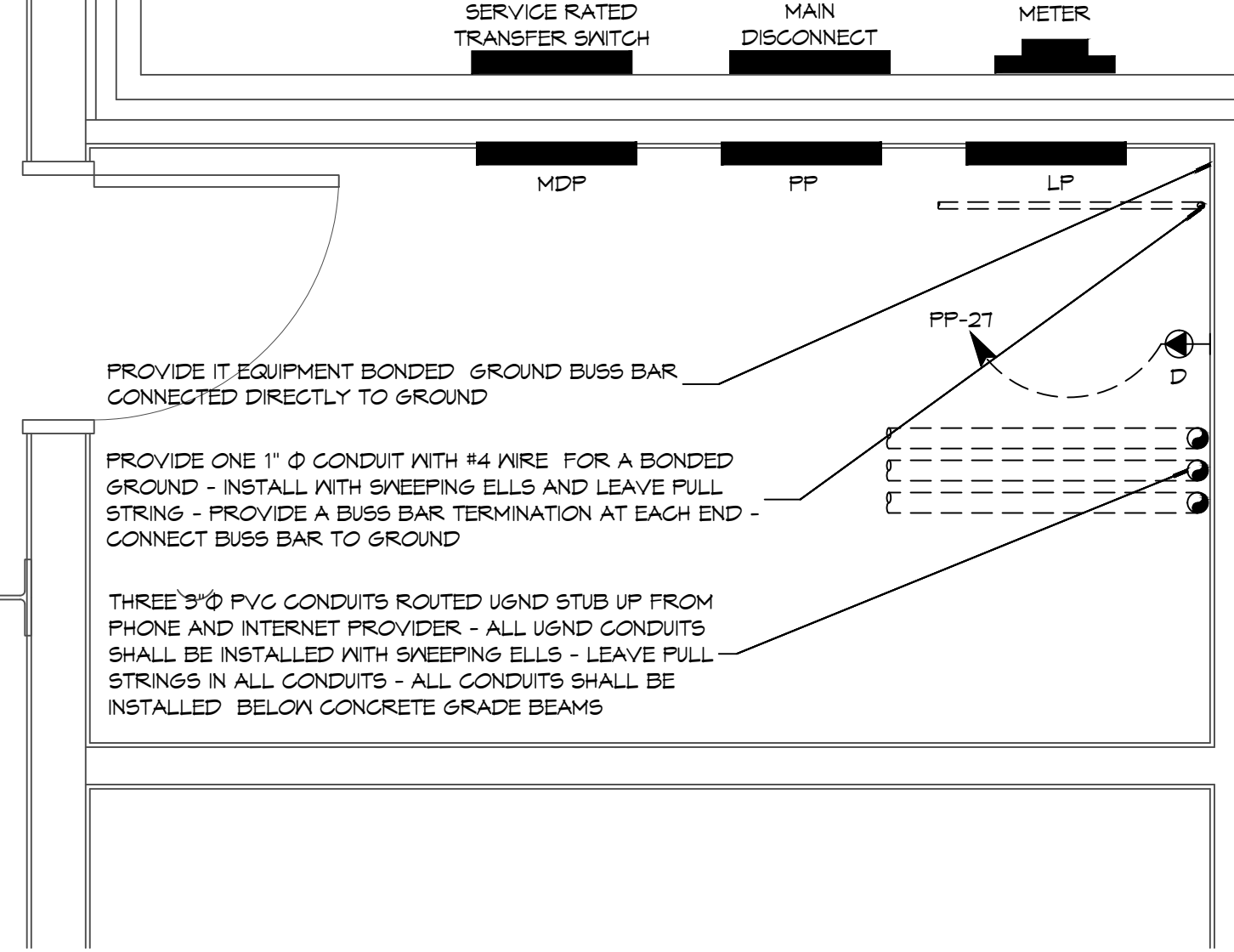
### 4 POWER PLAN DETAIL

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



### 3 POWER PLAN DETAIL

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



### 1 ELECTRICAL PLAN - POWER

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

### GENERAL ELEC POWER NOTES

- ALL WORK SHALL CONFORM TO THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE, THE GOVERNING ELECTRICAL CODE AND ALL OTHER INSPECTION DEPARTMENTS HAVING JURISDICTION. OBTAIN CERTIFICATES OR APPROVAL WHERE REQUIRED. ELECTRICAL CONTRACTOR SHALL VERIFY ALL WIRE AND CONDUIT SIZES FOR MECHANICAL EQUIPMENT TO BE INSTALLED.
- ALL MATERIALS FURNISHED SHALL BE NEW AND SHALL BE U.L. LISTED.
- THE DRAWINGS INDICATE SIZE AND GENERAL LOCATION OF WORK. SCALE DIMENSIONS SHALL NOT BE USED. THE EXACT LOCATION OF ALL LIGHTING FIXTURES, RECEPTACLES AND TELEPHONE OUTLETS, ETC. SHALL BE DETERMINED BY ACTUAL CONDITIONS IN THE FIELD.
- PRIOR TO BIDDING, CONTRACTOR SHALL VISIT THE JOB SITE AND FAMILIARIZE THEMSELVES WITH THE EXISTING CONDITIONS.
- ELECTRICAL CONTRACTOR SHALL COORDINATE HIS WORK WITH OTHER TRADES AND WITH OTHER CONTRACTORS WHOSE WORK MAY AFFECT THIS INSTALLATION.
- ELECTRICAL CONTRACTOR SHALL COORDINATE INCOMING ELECTRICAL SERVICE WITH UTILITY COMPANY AND INCLUDE IN HIS BID ALL CHARGES AND FEES INCURRED IN MODIFICATIONS.
- ELECTRICAL CONTRACTOR SHALL COORDINATE THE TELEPHONE INSTALLATION WITH THE TELEPHONE COMPANY AND THE GENERAL CONTRACTOR.
- WHERE MORE THAN ONE SWITCH OCCURS IN THE SAME LOCATION, THEY SHALL BE INSTALLED IN A GANG TYPE BOX UNDER ONE COVER PLATE.
- ELECTRICAL CONTRACTOR, BEFORE INSTALLING ANY OF THE WORK, SHALL SEE THAT IT DOES NOT INTERFERE WITH CLEARANCES REQUIRED FOR FINISHED CEILINGS, FINISH PARTITIONS, WALLS, ETC. AS SHOWN IN THE ARCHITECTURAL DRAWINGS AND DETAILS. IF ANY WORK IS INSTALLED AND IT LATER DEVELOPS THAT SUCH DETAILS OR DESIGN CANNOT BE FOLLOWED, THE CONTRACTOR, AT HIS OWN EXPENSE, SHALL MAKE SUCH CHANGES IN THE WORK AS DIRECTED BY THE ARCHITECT, AS WELL AS TO PERMIT THE INSTALLATION OF THE ARCHITECTURAL WORK AS SHOWN ON THE PLANS AND DETAILS.
- PERFORM TEST REQUIRED BY THE OWNER OR THE ENGINEER IN CONNECTION WITH THE OPERATION OF THE ELECTRICAL SYSTEM IN THE BUILDING. ALL TESTS SHALL BE MADE IN ACCORDANCE WITH THE LATEST STANDARD OF THE IEEE AND THE NATIONAL ELECTRICAL CODE.
- MINIMUM CONDUCTOR SIZE SHALL BE #12, 600V INSULATION. MINIMUM SIZE CONDUIT SHALL BE 3/4" ELECTRICAL METALLIC TUBING (EMT) FOR INTERIOR USE, AND 3/4" RIGID ALUMINUM FOR EXTERIOR USE. USE NON-METALLIC CABLE (NMC) CABLE COPPER, FOR LIGHTS AND RECEPTACLE CIRCUITS IN WOOD FRAME CONSTRUCTION AREAS ONLY; IN STEEL FRAMING AREAS THE USE OF EMT (MINIMUM) IS REQUIRED. EXTERIOR FITTINGS SHALL BE CAST BOXES AND COVERS. INTERIOR FITTINGS SHALL BE STAMPED BOXES.
- CONTRACTOR SHALL INSTALL WIRING AND OTHER CIRCUIT COMPONENTS TO MATCH EQUIPMENT ACTUALLY INSTALLED.
- INSTALL GROUND FAULT RECEPTACLES AT RECEPTACLE LOCATIONS WITHIN 5' OF SINKS OR LAVATORIES, AND AT EXTERIOR LOCATIONS. EXTERIOR RECEPTACLES SHALL ALSO BE WATERPROOF.
- BONDING AND GROUNDING SHALL BE IN ACCORDANCE WITH NFPA 70-250-63, NFPA 250-23, 250-71 & 250-72.
- GROUND NEUTRAL IN ACCORDANCE WITH NFPA 70-250-230.
- FUSES SHALL BE ITC CLASS K5, 250 VOLT, 200,000 AMP INTERRUPTING CAP.
- PROVIDE SERVICES OF A FIRE/SMOKE DETECTION AND ALARM COMPANY TO DESIGN AND INSTALL ALARM SYSTEM TO MEET REQUIREMENTS OF THE STATE FIRE MARSHALL AND THE FIRE DISTRICT.
- EXTERIOR LIGHTING SHALL BE SHADED OR INWARDLY DIRECTED IN SUCH A MANNER SO THAT NO DIRECT LIGHTING OR GLARE IS CAST BEYOND THE PROPERTY LINE. THE INTENSITY OF SUCH LIGHTING SHALL NOT EXCEED ONE FOOT CANDLE AS MEASURED AT THE ADJUTING PROPERTY LINE.
- ALL ELECTRICAL, MECHANICAL AND PLUMBING PENETRATING FIRE PARTITIONS SHALL BE FIRE CALKED. (PENETRATIONS THROUGH RATED CONSTRUCTION SHALL BE SEALED WITH A MATERIAL CAPABLE OF PREVENTING THE PASSAGE OF FLAMES AND HOT GASES WHEN TESTED IN ACCORDANCE WITH ASTM-E814.
- VERIFY ELECTRICAL CONNECTIONS PER MANUFACTURER'S RECOMMENDATIONS.
- ALL RECEPTACLES AND SWITCHES ARE TO HAVE WEATHER PROOF COVERS IN APPARATUS BAY. 50% OF ALL EXTERIOR WEATHER PROOF COVERS SHALL BE IN-USE COVERS.

### LEGEND

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

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

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| # | DESCRIPTION | DATE |
|---|-------------|------|
|   |             |      |
|   |             |      |
|   |             |      |
|   |             |      |



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

SHEET TITLE:  
**POWER PLAN**

DRAWING NUMBER:  
**E101**

SHEET No: 35 of 37

### LUMINAIR SCHEDULE

| ID   | DESCRIPTION          | MOUNTING | MFR                        | PART #                      | FINISH         | LAMPS # | LAMP TYPE                     | WATTAGE | FIXTURE NOTES         | INSTALLATION NOTES           |
|------|----------------------|----------|----------------------------|-----------------------------|----------------|---------|-------------------------------|---------|-----------------------|------------------------------|
| EM-1 | EMERGENCY LIGHT      | WALL     | PHILIPS                    | F1WIC                       | WHITE          | 2       | 35W MR16                      | 2.5W    |                       |                              |
| EM-2 | EMERGENCY LIGHT      | WALL     | BARRON                     | LL60                        | BLACK          | 2       | HIT                           | 10.8W   |                       |                              |
| EX-1 | EXIT LIGHT           | CEILING  | PHILIPS                    | 45VLRICALM                  | WHITE          | 1       | LED                           | 2.5W    |                       |                              |
| EX-2 | EXIT LIGHT           | WALL     | PHILIPS                    | CXL36W                      | WHITE          | 1       | LED                           | 3.7W    |                       |                              |
| F-1  | CEILING FAN          | CEILING  | MODERN FAN COMPANY         | IND-6V525VNLNC              | GALV           | 0       | N/A                           | 85W     |                       |                              |
| F-1A | CEILING FAN W/ LIGHT | CEILING  | MODERN FAN COMPANY         | IND-6V525V98INC             | GALV           | 1       | 75W 69 HALOGEN                | 160W    |                       |                              |
| L-1  | LINEAR FLUORESCENT   | SURFACE  | LITHONIA LIGHTING          | AVSM 2 54T5HO SBL DLS MVOLT | WHITE          | 2       | T5                            | 54W     |                       |                              |
| L-10 | PENDANT              | RECESSED | COOPER INDUSTRIES          | P461-071                    | CHROME         | 1       | 60W T10 MED BASE              | 60W     | CLEAR BULB            |                              |
| L-11 | PENDANT              | RECESSED | COOPER INDUSTRIES          | P460-071                    | CHROME         | 1       | 60W T10 MED BASE              | 60W     | CLEAR BULB            |                              |
| L-12 | WALL SCONCE          | WALL     | PHILIPS                    | 106L-2-39LA-NH-UNIV-BRP     | PAINTED        |         | LED                           |         |                       | SEE EXT ELEV FOR MOUNTING HT |
| L-13 | WALL SCONCE          | WALL     | PHILIPS                    | RIN-100-IN-S-C-1-RB6NH      | COLOR TBD      | 1       | LED                           | 100     | SIZE 2                | SEE EXT ELEV FOR MOUNTING HT |
| L-14 | VAPORPROOF FIXTURE   | WALL     | TEXAS FLUORESCENTS         | VPMINGSL                    | METAL          | 1       | A19 T5W SOFT WHITE            | 75W     |                       |                              |
| L-2  | RECESSED CAN         | RECESSED | COOPER INDUSTRIES          | HTICAT                      | WHITE          | 1       | UTILITECT PRO LPAR30/5K/LED65 | 20W     | WHITE BAFFLE AND TRIM |                              |
| L-3  | HIGH BAY LIGHT       | PENDANT  | TEXAS FLUORESCENTS         | HBC432M23MY                 | -              | 4       | 48" T8                        | 25W     |                       |                              |
| L-4  | VAPORPROOF FIXTURE   | CEILING  | TEXAS FLUORESCENTS         | VPCINGSL                    | METAL          | 1       | A19 T5W SOFT WHITE            | 75W     |                       |                              |
| L-5  | VANITY LIGHT         | WALL     | NUVO LIGHTING              | 60-906                      | BRUSHED NICKEL | 2       | F1TT8                         | 17W     |                       | SEE INT ELEV                 |
| L-6  | RECESSED CAN         | RECESSED | COOPER INDUSTRIES          | HTICAT                      | WHITE          | 1       | UTILITECT PRO LPAR30/5K/LED65 | 20W     | VAPOR PROOF COVER     |                              |
| L-7  | SURFACE FLUORESCENT  | CEILING  | TEXAS FLUORESCENTS         | SHUCPF232MY                 | WHITE          | 2       | F32T8                         | 64W     |                       |                              |
| L-8  | OUTDOOR LIGHT        | GROUND   | UNIVERSAL LIGHTING SYSTEMS | UC1300AZ                    | ALUM/BRONZE    | 1       | MR16LED 40"                   | 7W      |                       | MNT IN CONC                  |
| L-9  | FLUORESCENT STRIP    | CEILING  | LITHONIA                   | LEBL4 LP835                 | WHITE          | 2       | LED                           | 7W      |                       |                              |

### GENERAL LIGHTING NOTES

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

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Chief Engineer: Brian Mistic, PE  
554 Old Spanish Trail  
Slidell, LA 70458

| REVISIONS | DATE      |
|-----------|-----------|
| 1         | 5-XX-2015 |

| # | DESCRIPTION |
|---|-------------|
| 1 | APPENDIX 1  |



### LEGEND

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

### ELECTRICAL LOAD SUMMARY

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

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

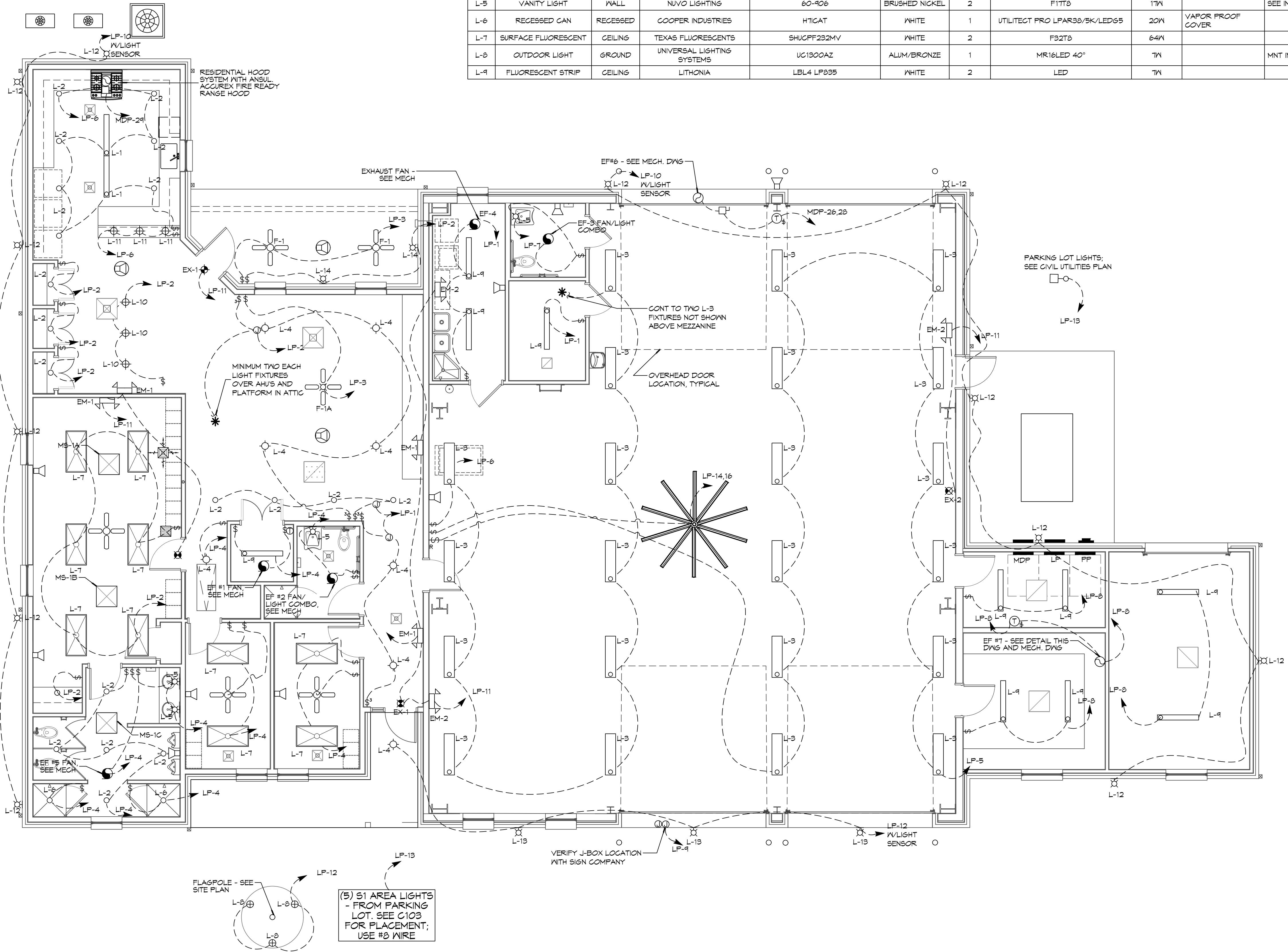
2145 LAKESHORE VISTA BLVD  
SLIDELL, LA 70461

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

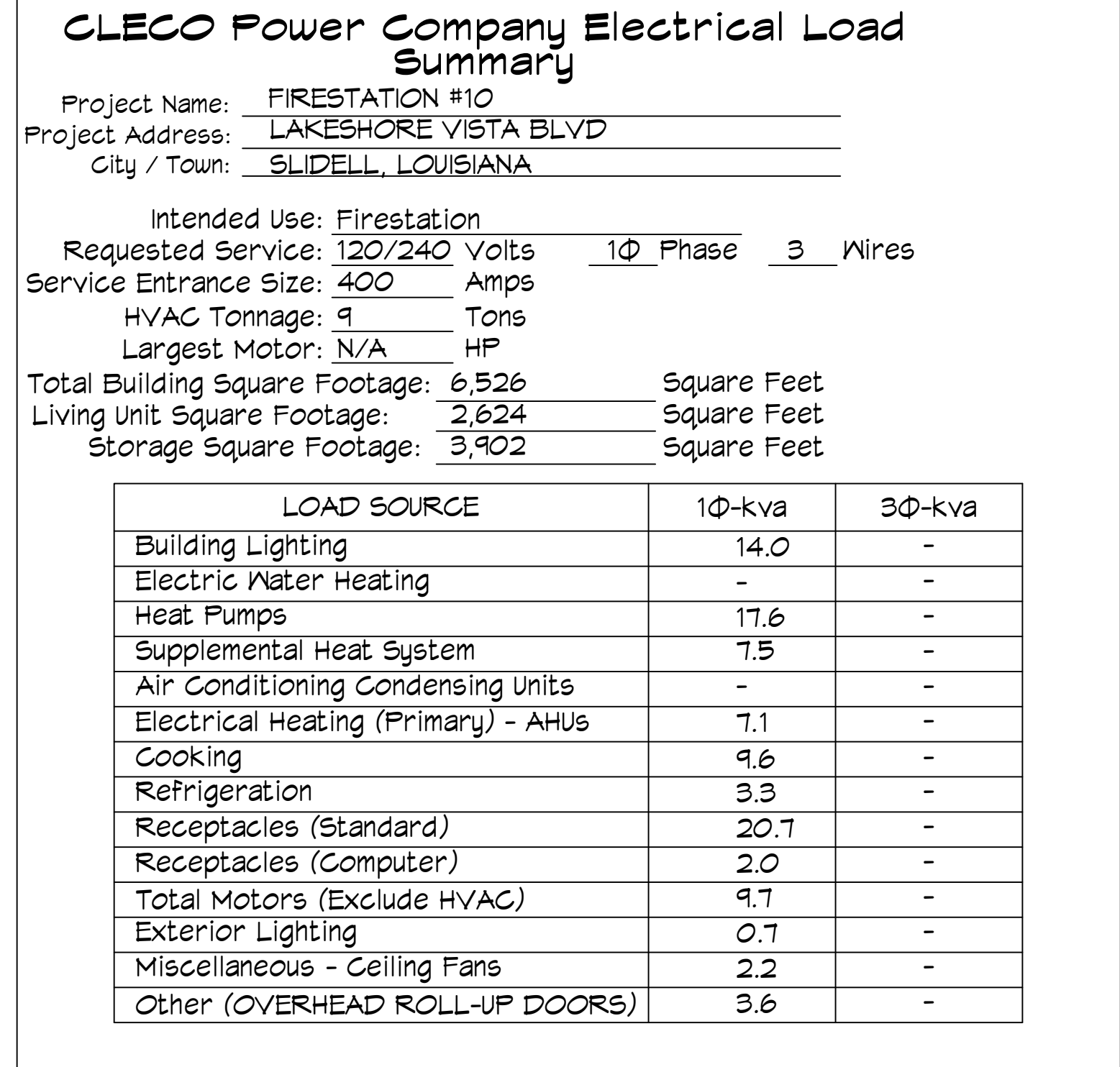
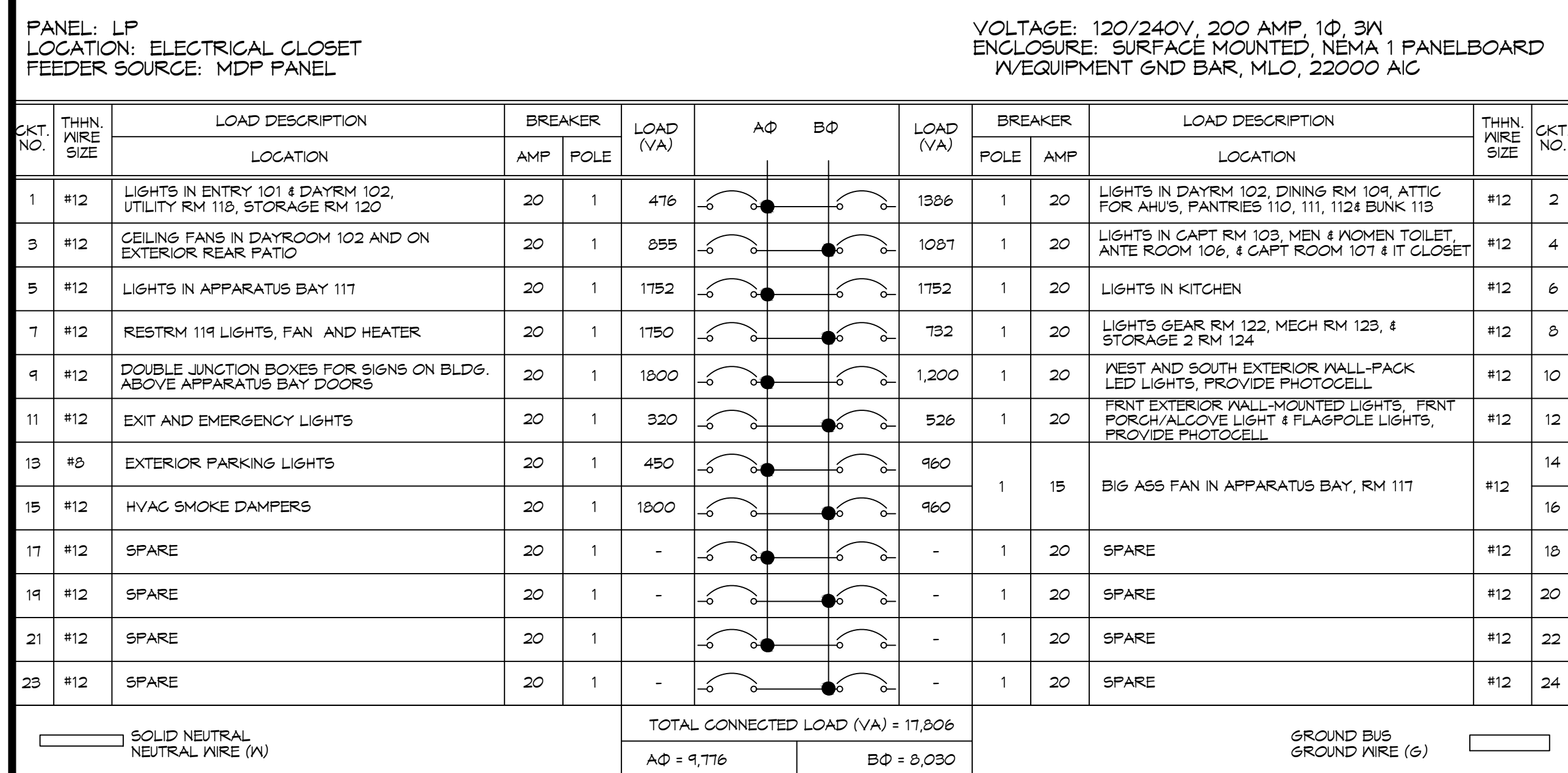
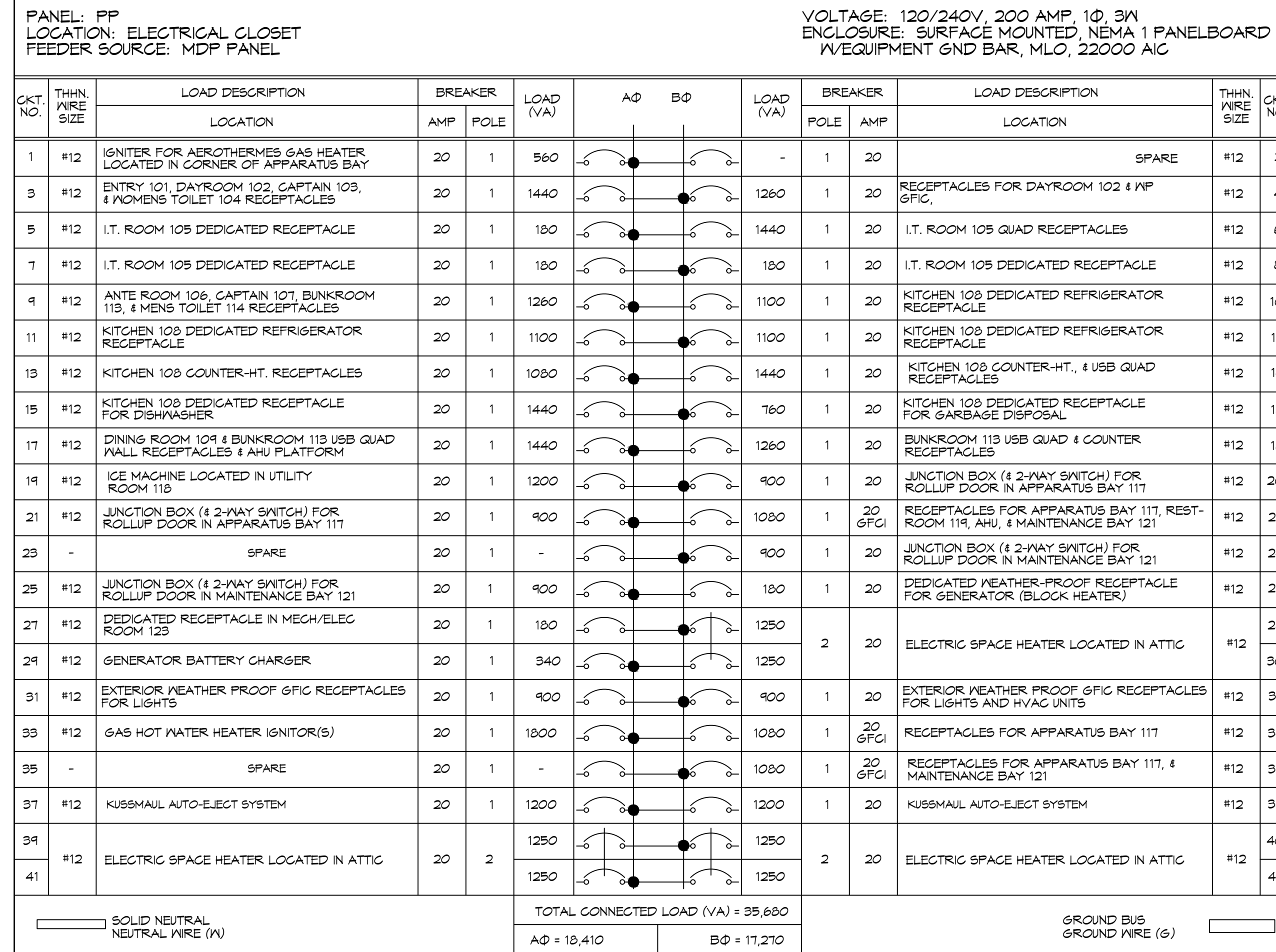
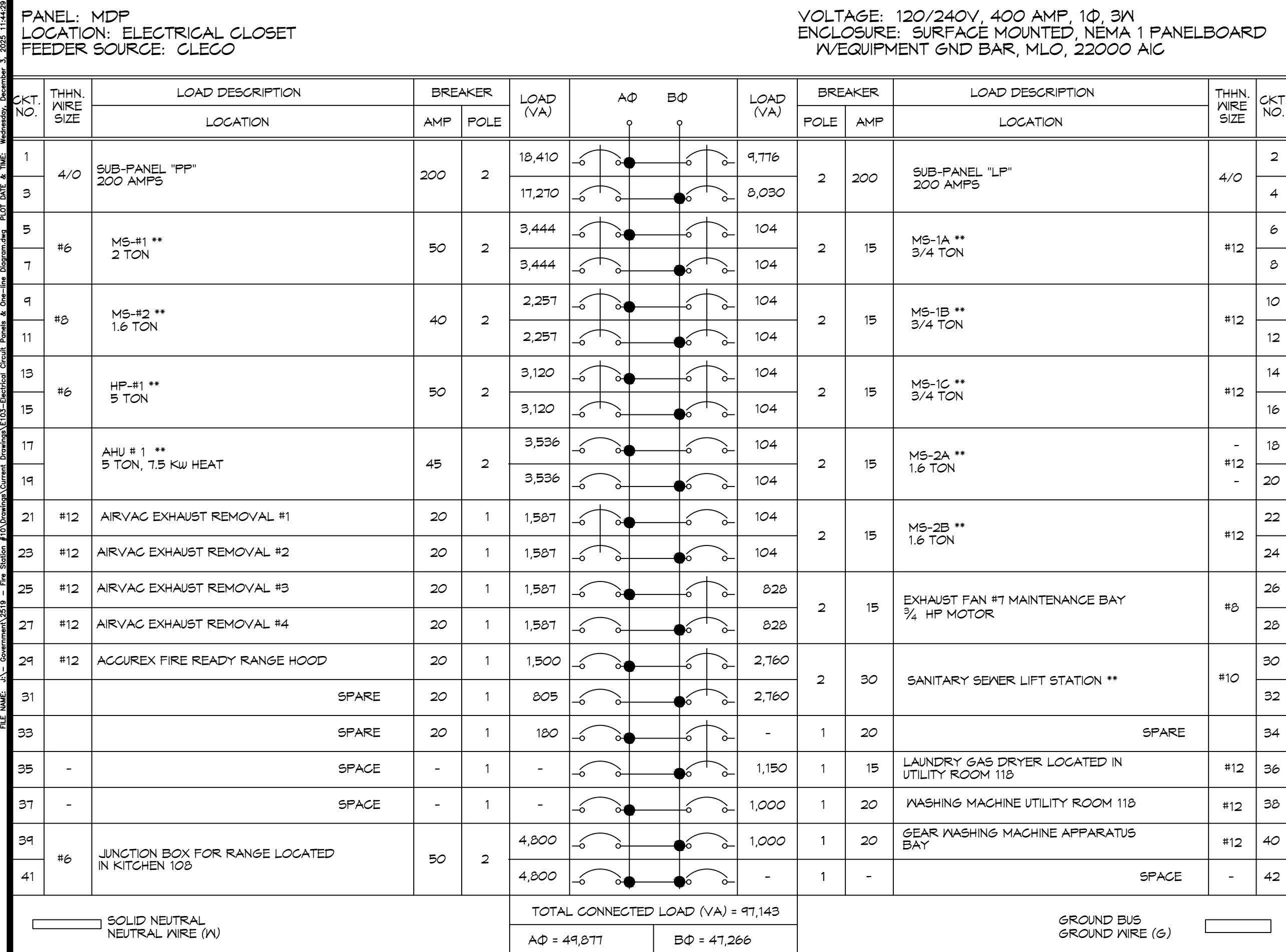
SHEET TITLE:  
ELECTRICAL PLAN - LIGHTING AND LOAD SUMMARY

DRAWING NUMBER:  
**E102**

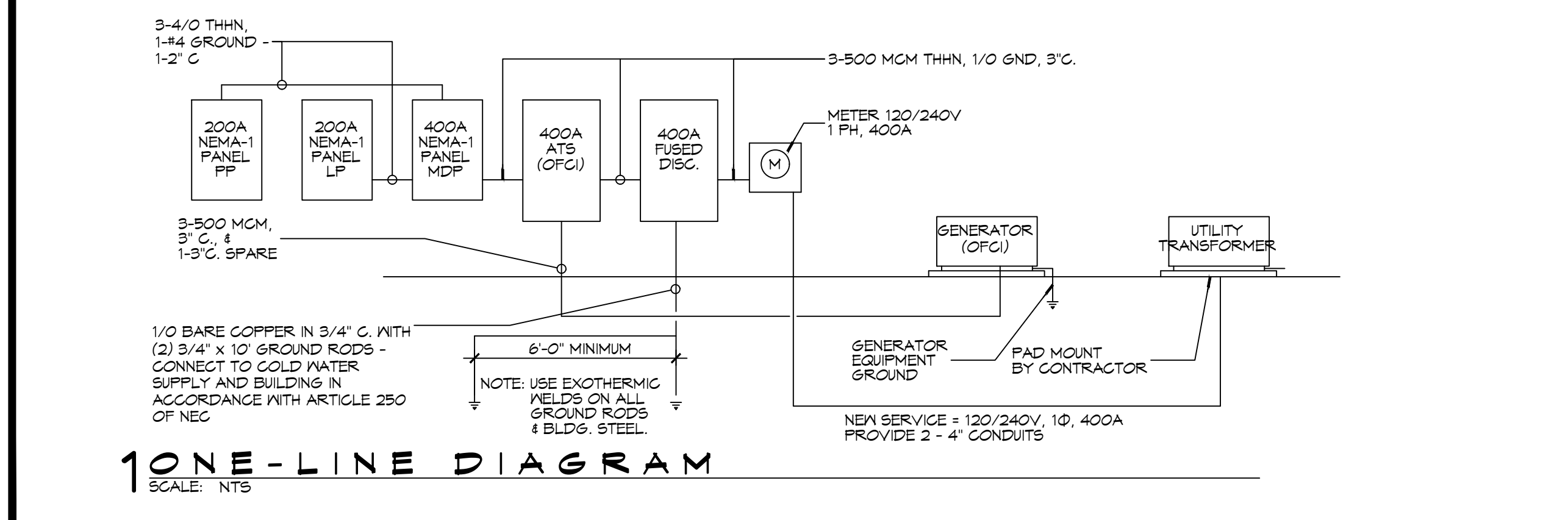
SHEET No: 36 of 37



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



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



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| # | DESCRIPTION | DATE |
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SEAL:

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

248 LAKESHORE VISTA BLVD  
SLIDELL, LA 70461

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

SHEET TITLE: ELECTRICAL CIRCUIT PANELS AND ONE-LINE DIAGRAMS

DRAWING NUMBER: **E103**

SHEET No: 37 of 37