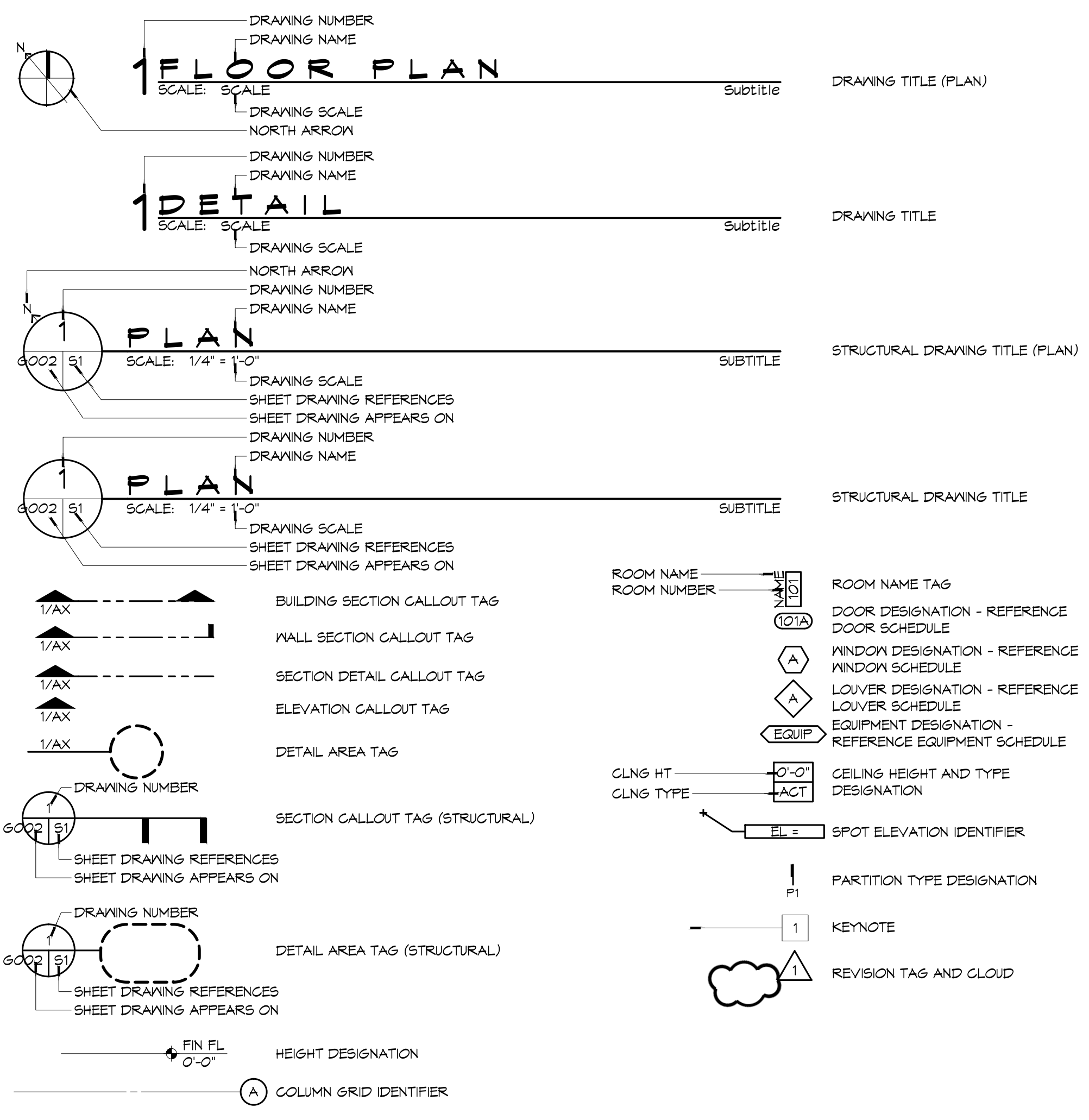




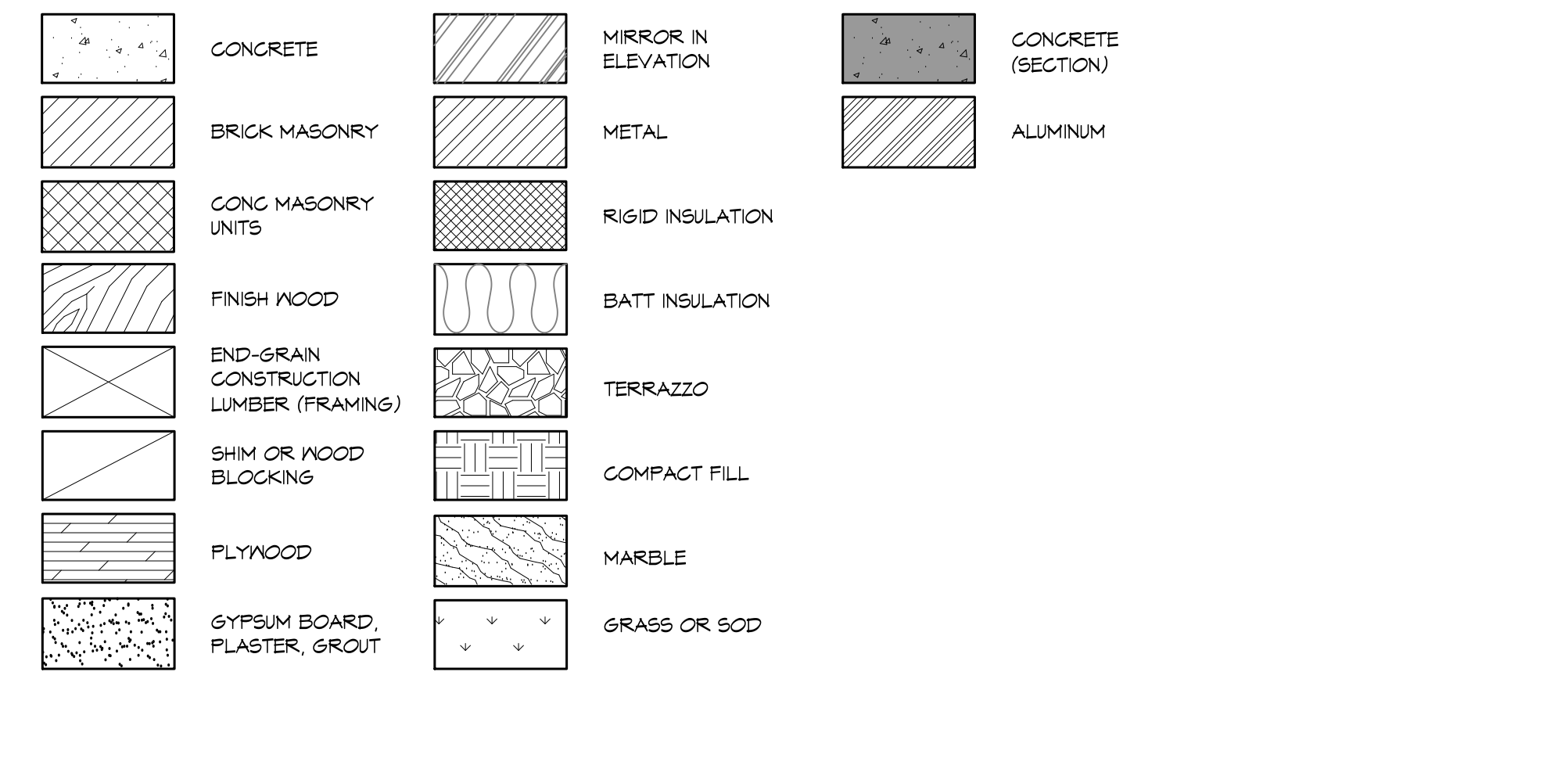
ABBREVIATIONS

Table of abbreviations and their corresponding full names, organized in columns. Includes terms like BT (BATHUB), AB (ABANDON), and various construction-related terms.

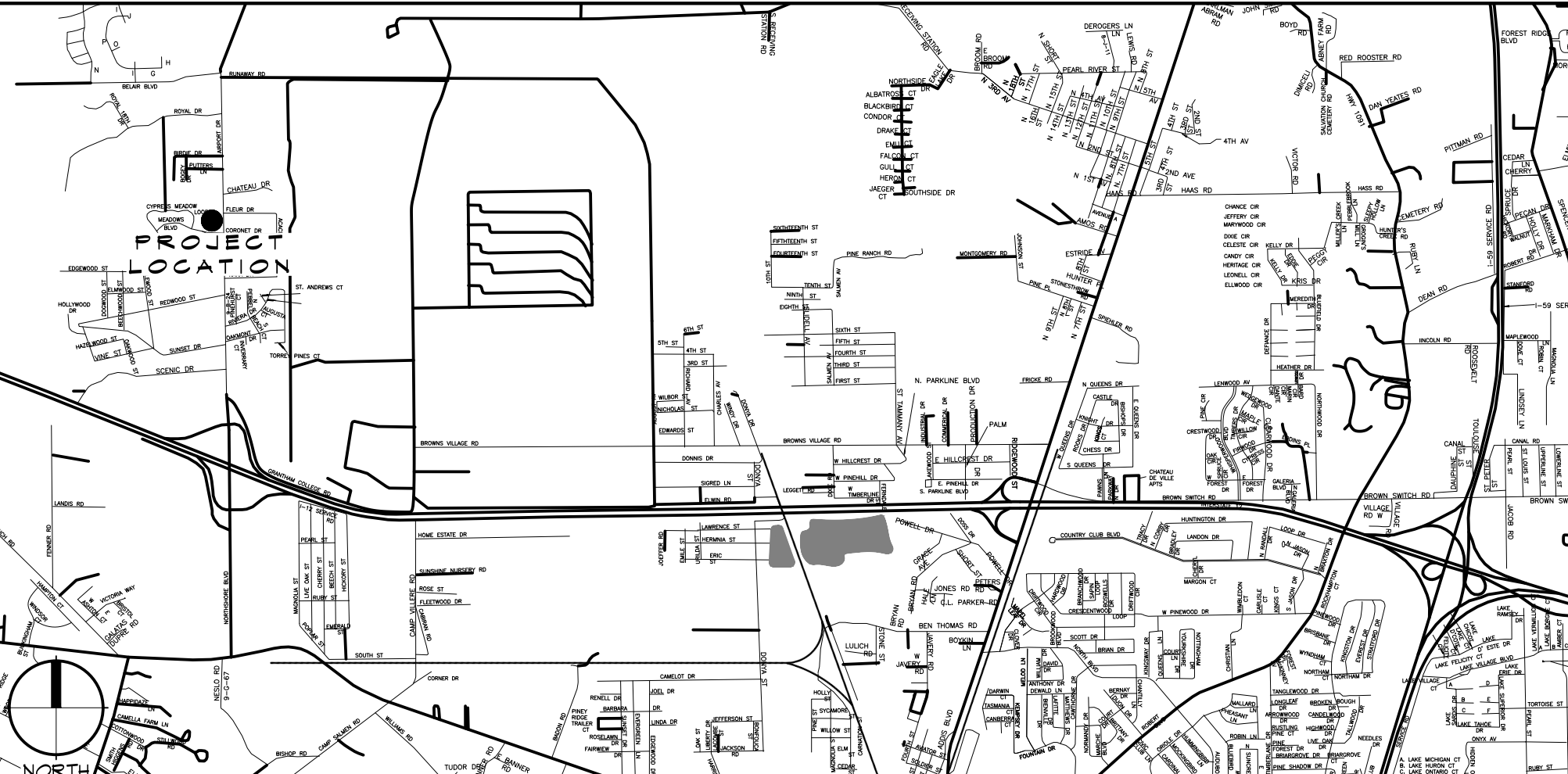
ANNOTATION SYMBOL LEGEND



MATERIAL DESIGNATIONS



PROJECT LOCATION MAP



PROJECT STATISTICS

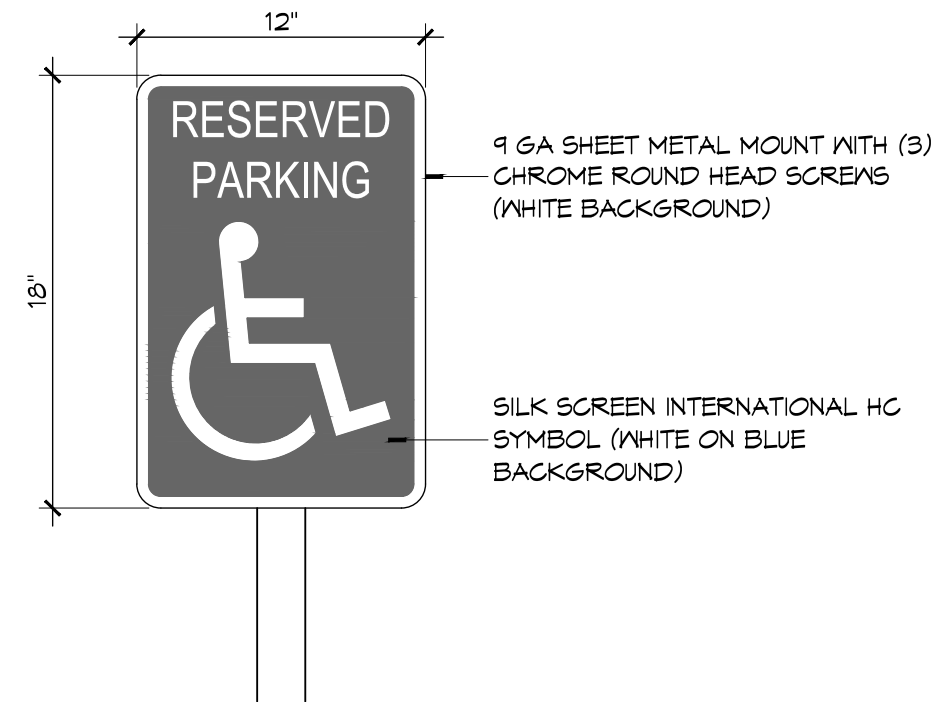
Table of project statistics including square footage, living quarters, apparatus bays, and project location details.

- GENERAL NOTES: A list of 13 notes providing instructions and clarifications for the project, such as 'GENERAL NOTES ARE NOT INTENDED TO APPLY TO EVERY SHEET...' and 'DO NOT SCALE DRAWINGS...'.

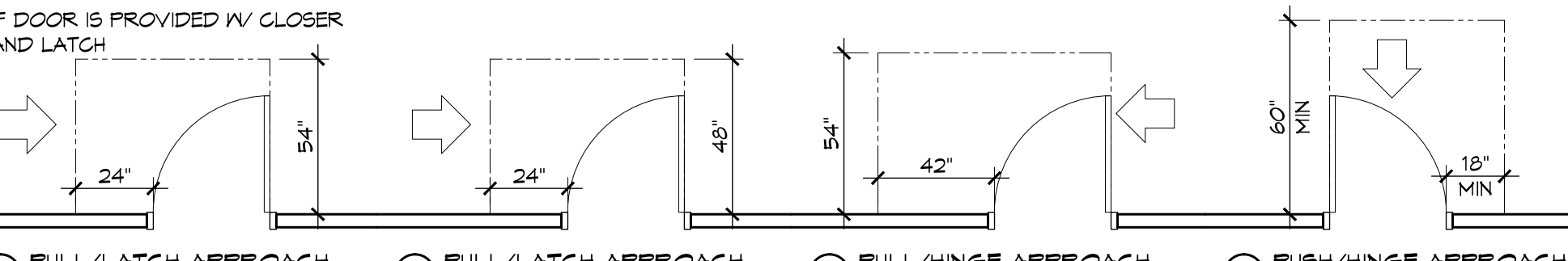
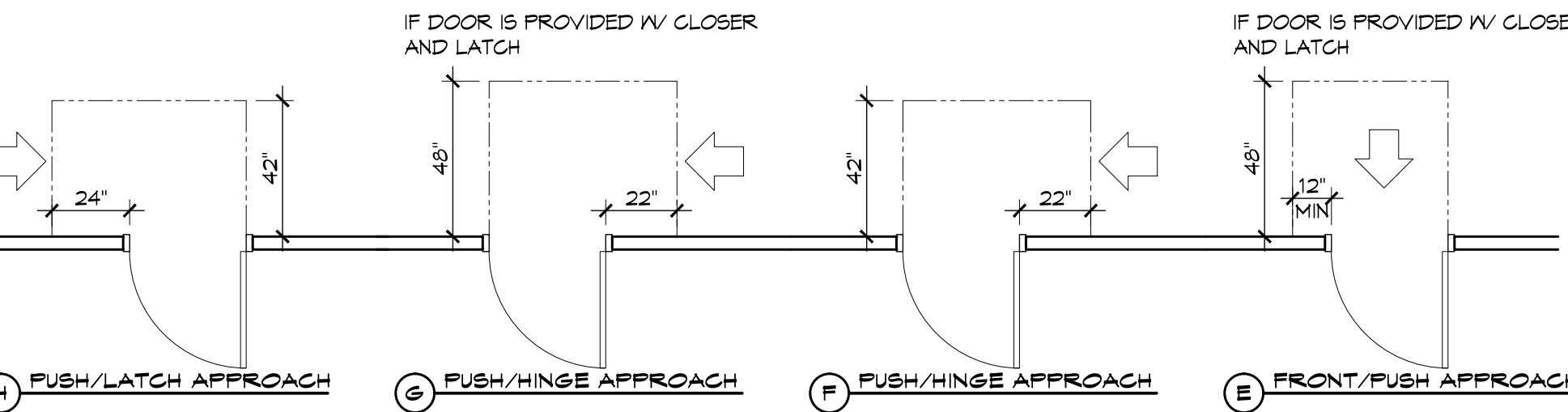
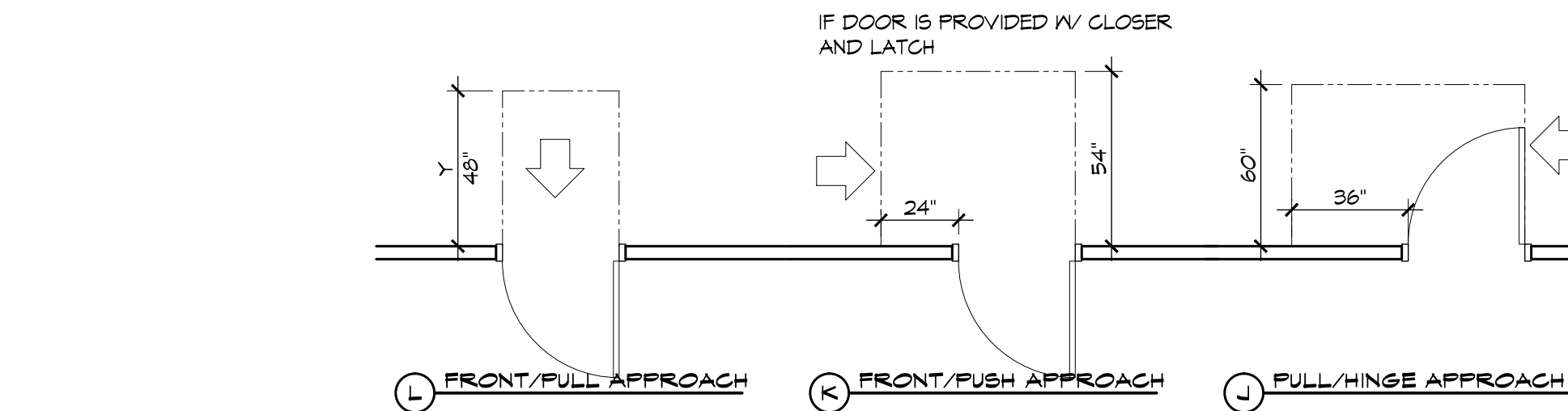
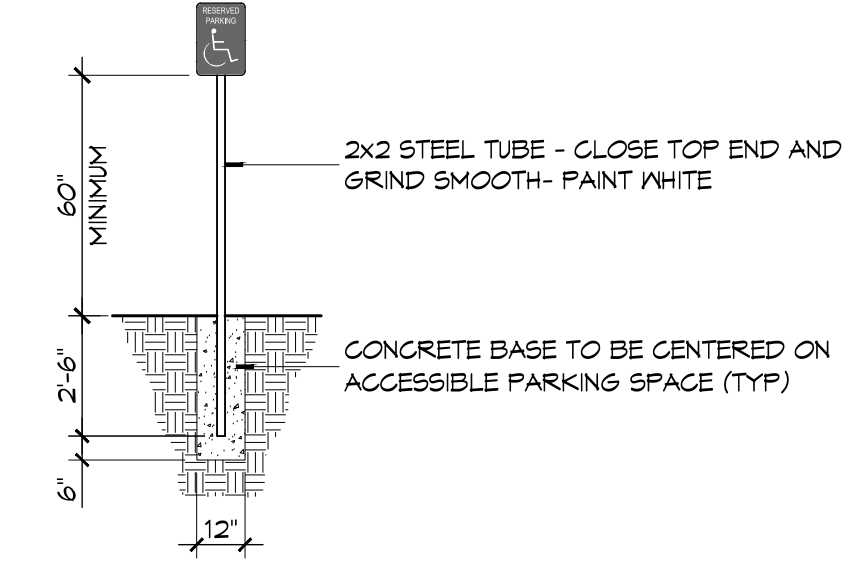
SHEET LIST TABLE

Table listing sheet numbers, titles, and descriptions for the project, including sheets for general information, site plans, and plumbing details.

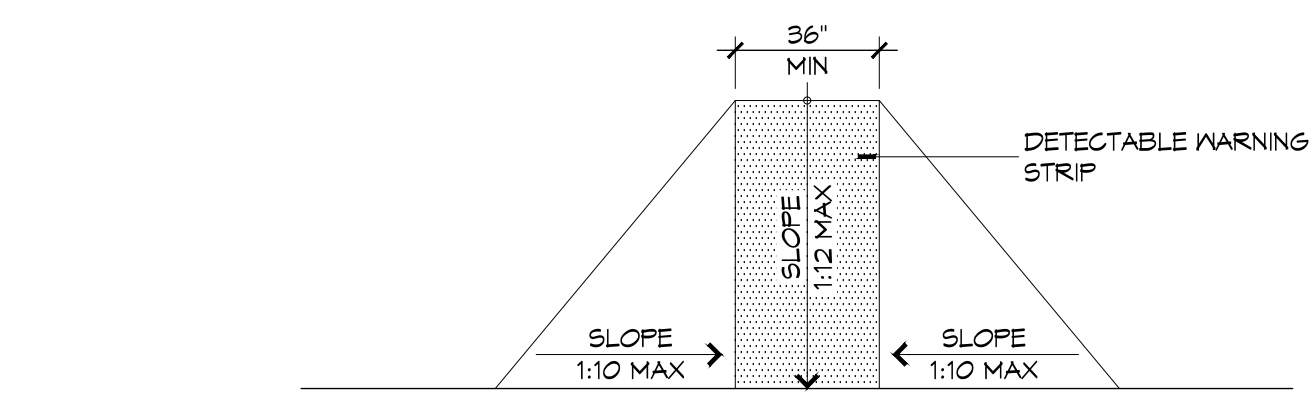
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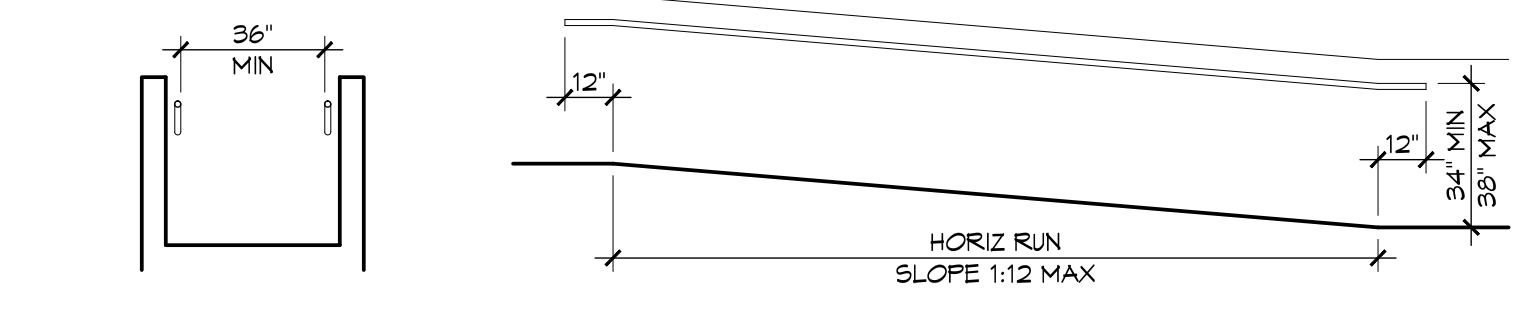
**5 ACCESSIBLE SIGN**  
SCALE: NTS



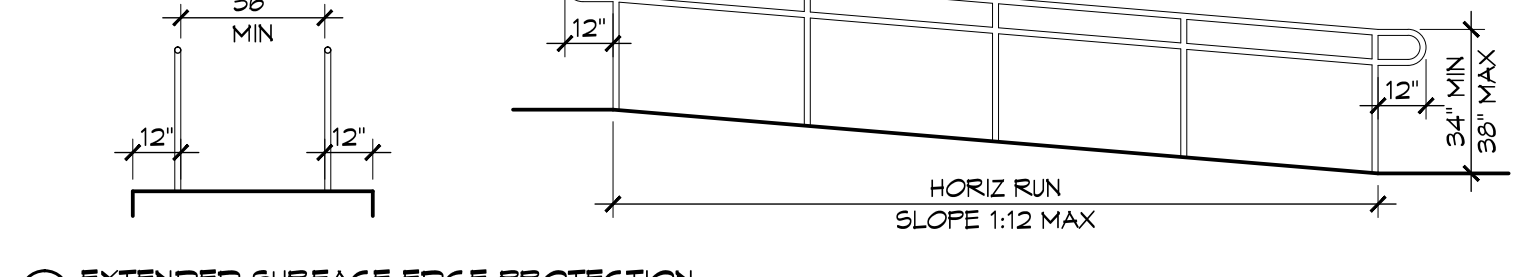
**3 ADA DOOR CLEARANCES**  
SCALE: 1/4" = 1'-0"



**F FLARED RAMPS**

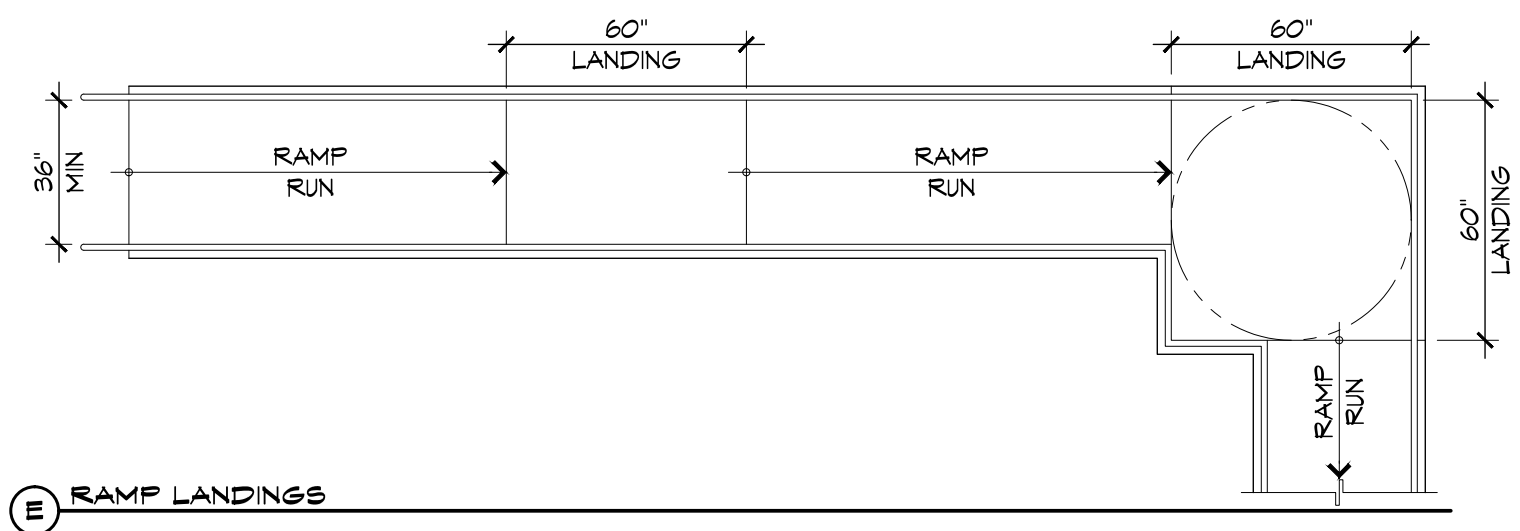


**D WALL EDGE PROTECTION**

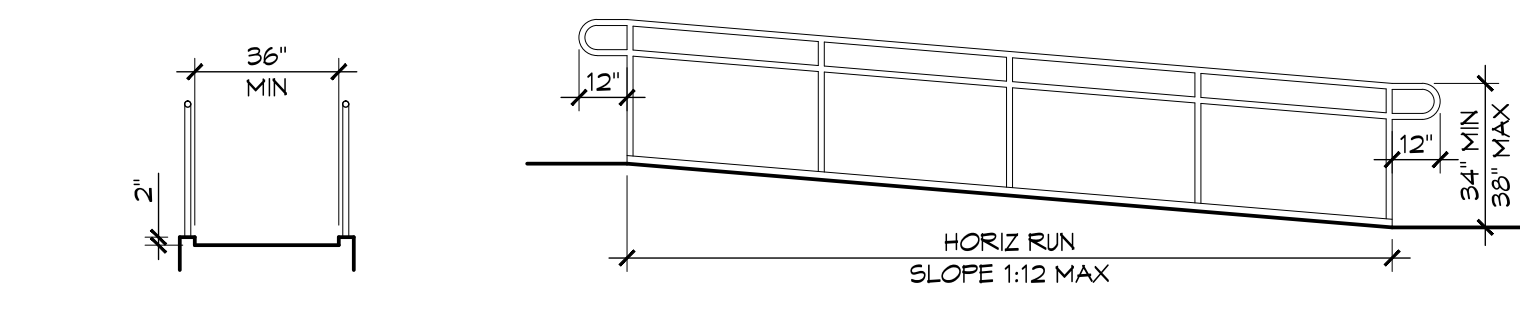


**E EXTENDED SURFACE EDGE PROTECTION**

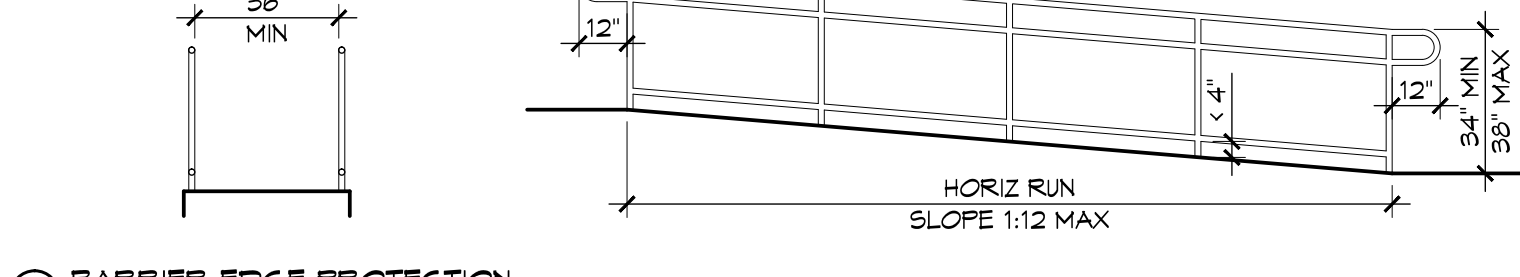
**4 ACCESSIBLE RAMPS**  
SCALE: 1/4" = 1'-0"



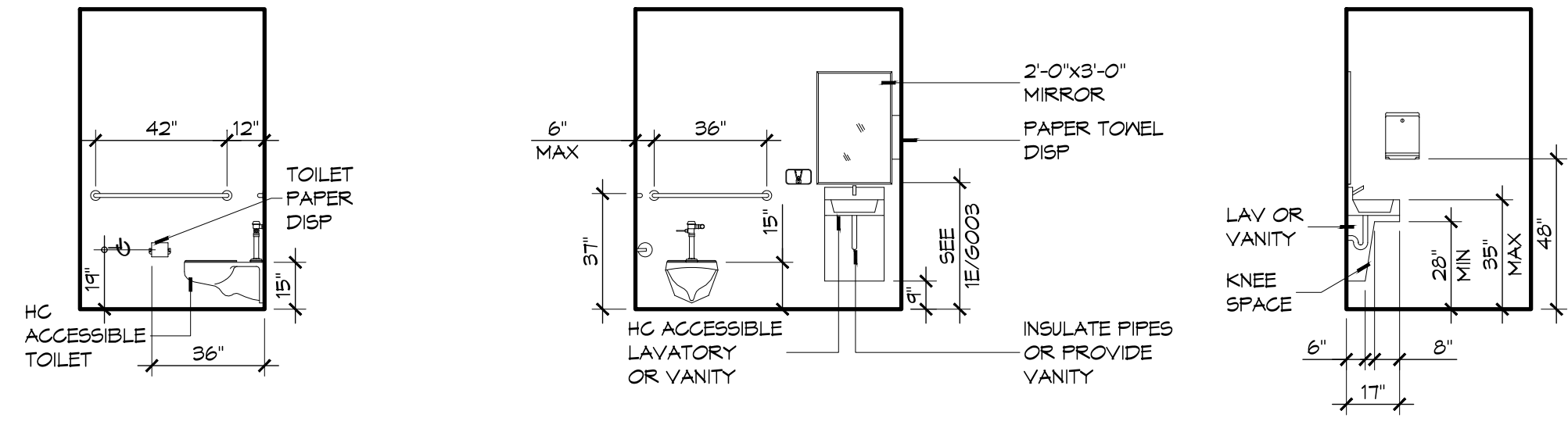
**E RAMP LANDINGS**



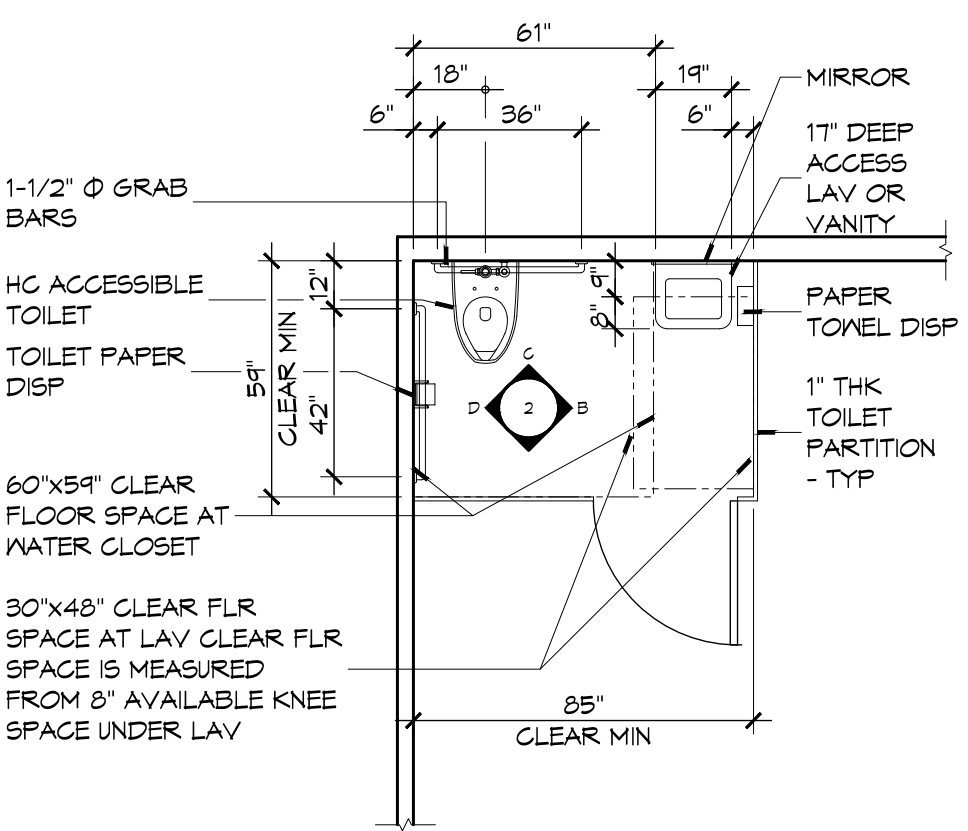
**C CURB EDGE PROTECTION**



**A BARRIER EDGE PROTECTION**



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



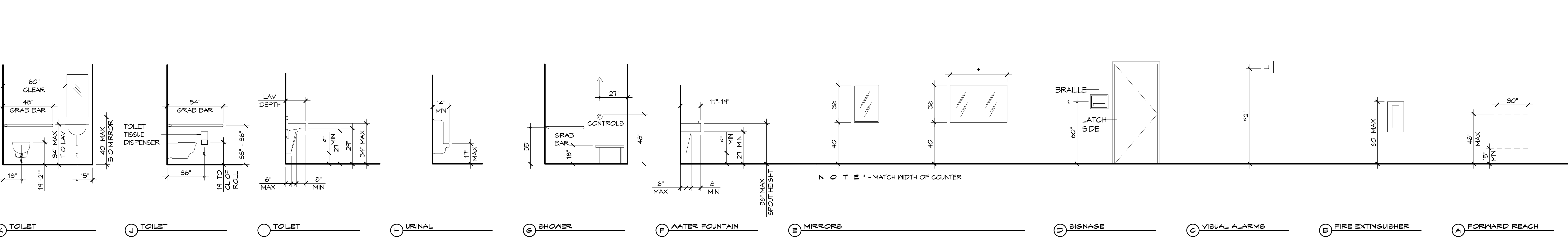
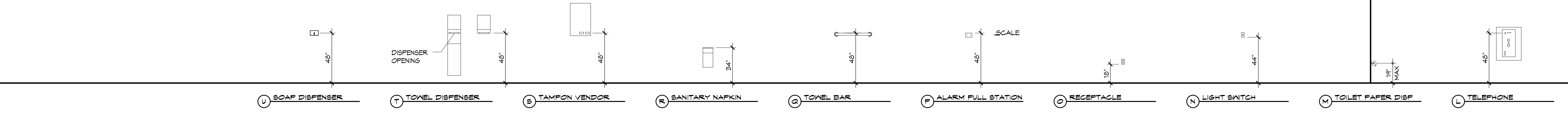
**A FLOOR PLAN**

**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"

**DAMMON ENGINEERING, INC.**  
Architects & Engineers  
www.dammonengineering.com  
info@dammoneng.com  
554 Old Spanish Trail  
Slidell, LA 70458  
PH: 985.649.5832  
F: 985.641.5990

#	DESCRIPTION	DATE

SEAL: \_\_\_\_\_  
DATE: APRIL 10, 2015  
JOB NO: 2224  
DRAWN BY: KJK  
CHECKED BY: KJK

**ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1**  
**FIRE STATION 18**  
6195 AIRPORT ROAD  
SLIDELL, LOUISIANA 70458  
JOB NO: 2224  
DATE: APRIL 10, 2015  
DRAWN BY: KJK  
CHECKED BY: KJK  
SHEET TITLE: ACCESSIBILITY INFORMATION  
DRAWING NUMBER:  
**GOOB**  
SHEET No: 3 of 36



**GENERAL SITE PLAN NOTES**

1. THE GENERAL CONTRACTOR AND ALL SUBCONTRACTORS SHALL HAVE ACCESS TO THE AREA DESIGNATED AS 'EXISTING WETLANDS', HOWEVER NEITHER THE CONTRACTOR NOR ANY SUBCONTRACTOR SHALL USE THE AREA DESIGNATED AS 'EXISTING WETLANDS' FOR STORAGE OF ANY TYPE OR VEHICLE/EQUIPMENT TRAFFIC. THE GENERAL CONTRACTOR SHALL ENSURE THAT ANY WORK AROUND THE DESIGNATED 'EXISTING WETLANDS' SHALL MINIMIZE ITS IMPACT TO THE WETLANDS.

**DAMMON**  
ENGINEERING, INC.

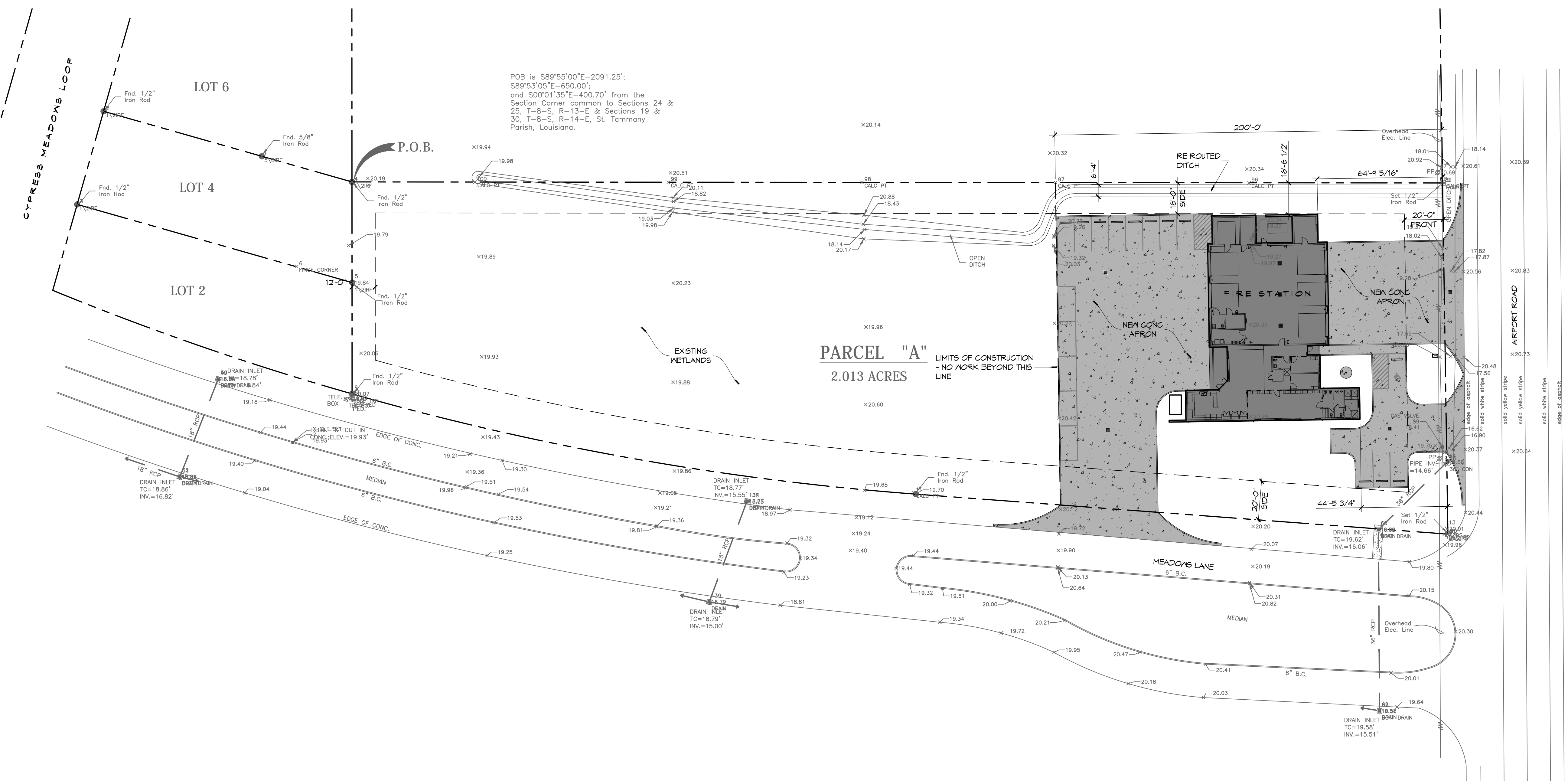
Architects & Engineers  
www.dammonengineering.com  
info@dammonengineering.com  
Chief Architect: Kevin J. Kitchin, NCARB  
Chief Engineer: Brian Mistich, PE  
554 Old Spanish Trail  
Slidell, LA 70458  
PH: 985.649.5832  
F: 985.641.5990

#	DESCRIPTION	DATE

SEAL:

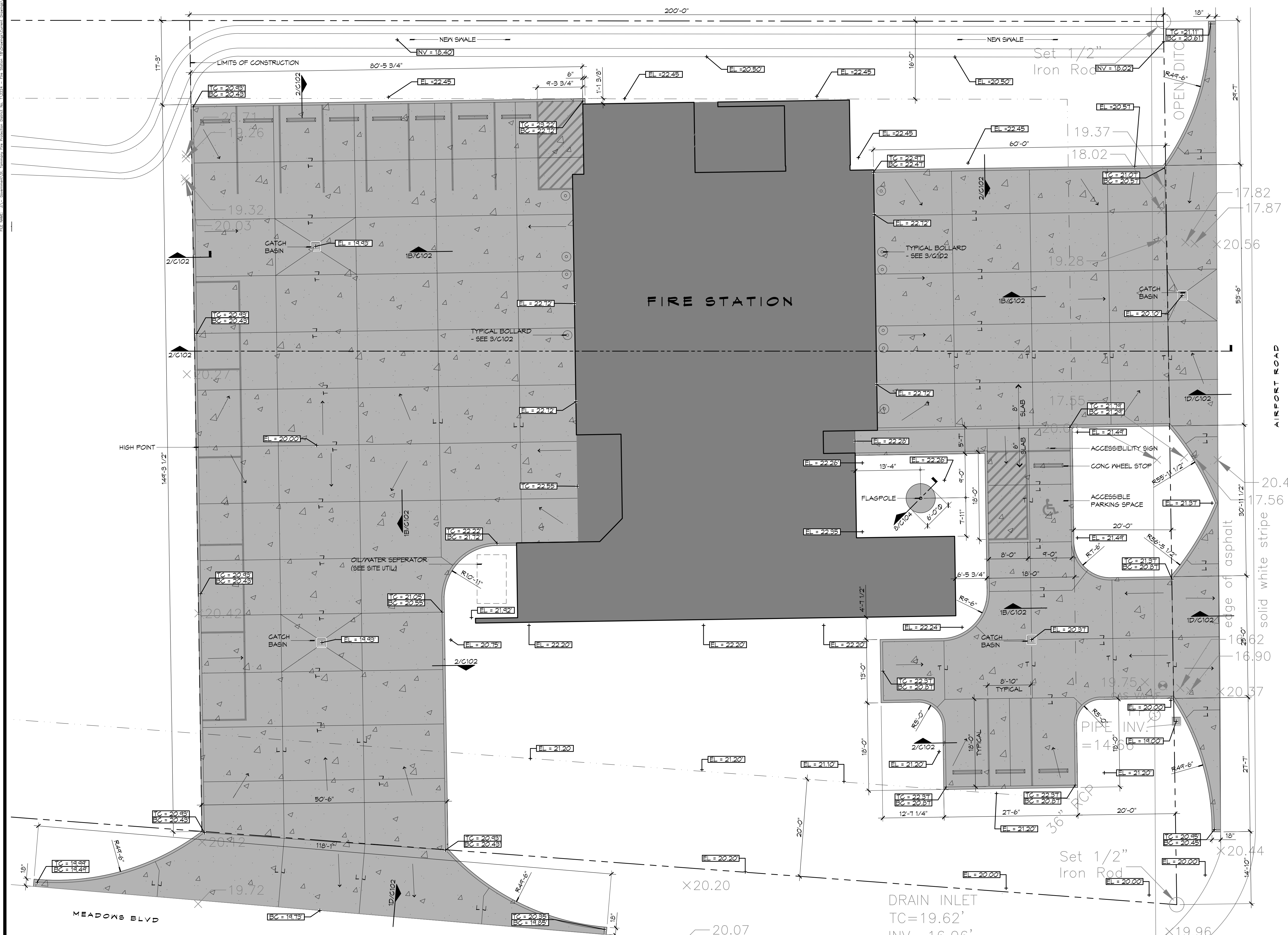
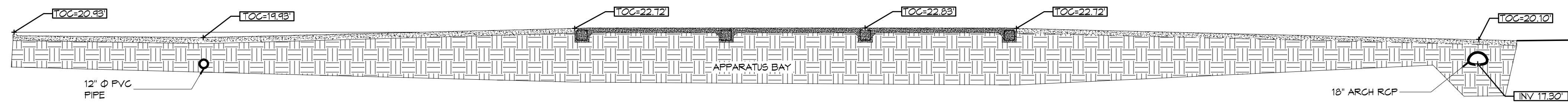
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**FIRE STATION 18**  
6155 AIRPORT ROAD  
SLIDELL, LOUISIANA 70458  
JOB No: 2224 DATE: APRIL 10, 2015  
DRAWN BY: KJK CHECKED BY: CKD

SHEET TITLE:  
SITE PLAN  
DRAWING NUMBER:  
**C101**  
SHEET No: 5 of 26



**1 SITE PLAN**  
SCALE: 1" = 30'

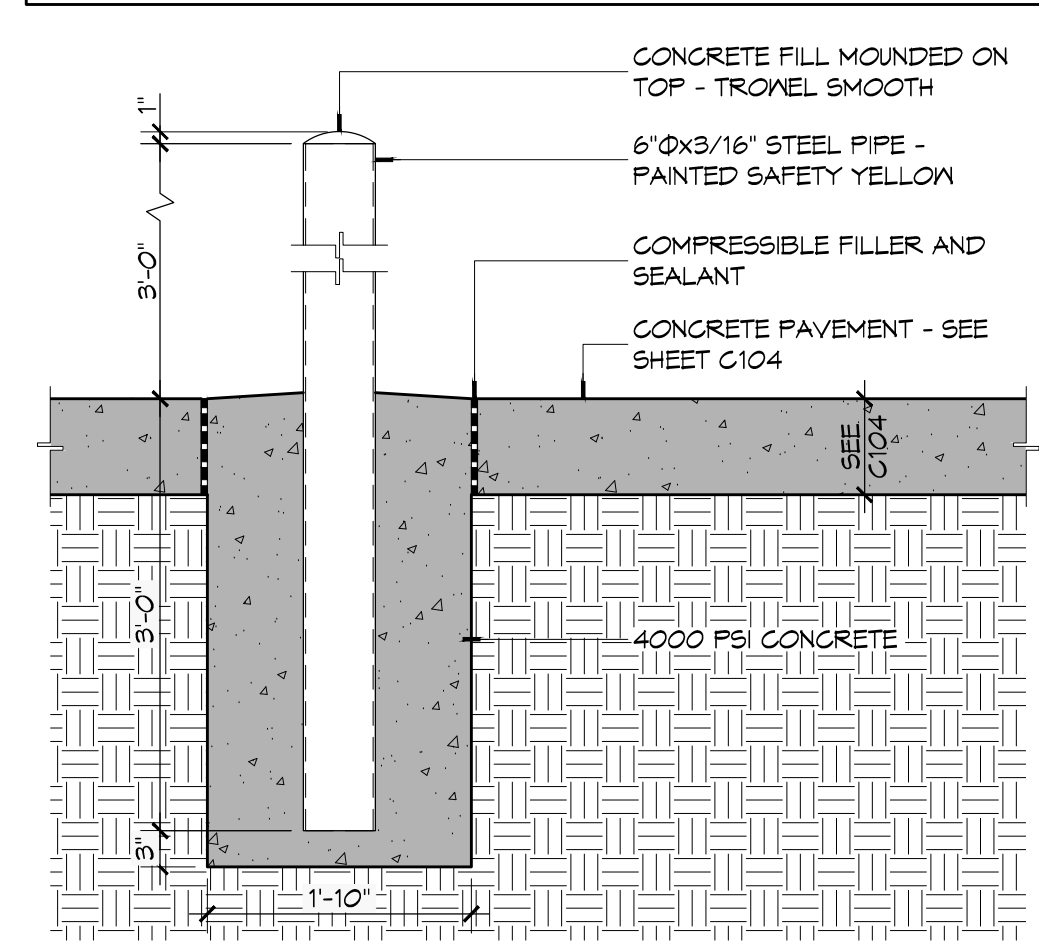
**4 SITE PROFILE**  
SCALE: 1" = 10'



**2 ENLARGED SITE PLAN**  
SCALE: 1" = 10'

**GENERAL PAVING 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.
- SEE SHEET P103 FOR SCHEDULED CATCH BASINS.



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

- 6" MTL KEYWAY JOINT SYSTEM NOTE:**  
LONGITUDINAL JOINTS (LJ): NO.5 DEFORMED DONEL ROD 24" L @ 24" O.C.  
TRANSVERSE JOINTS (TJ): NO.5 SMOOTH DONEL ROD 24" L @ 24" O.C.  
EXP MTL KEYWAY JOINT
- PAVEMENT JOINT**
- 6" BARRIER CONCRETE CURB**
- CURB DONELS**
- DRIVEWAY W/ ROLL-OVER CURB**
- 1 PAVING DETAILS**  
SCALE: 1" = 1'-0"

**DAMMON**  
ENGINEERING, INC.  
Architects & Engineers

Chief Architect: Kevin J. Kinchen, NCARB  
Chief Engineer: Brian M. Winton, PE  
554 Old Spanish Trail  
Slidell, LA 70458  
PH: 985.649.5832  
F: 985.641.5990

#	DESCRIPTION	DATE

SEAL:

ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1  
**FIRE STATION 18**

6195 AIRPORT ROAD  
SLIDELL, LOUISIANA 70460  
JOB No: 2224  
DATE: APRIL 10, 2015  
DRAWN BY: K-K  
CHECKED BY: K-K

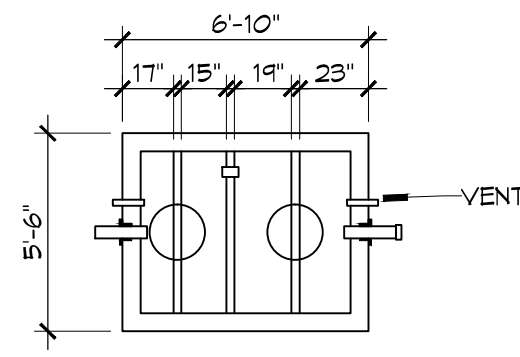
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DETAIL SITE GRADING AND PAVING PLAN, PAVING DETAILS

DRAWING NUMBER:  
**C102**

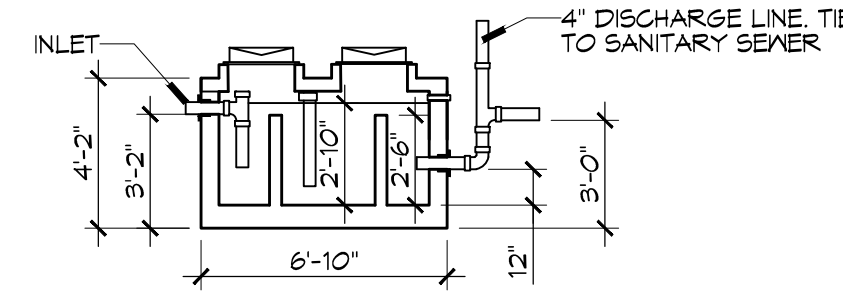
SHEET No: 6 of 36

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DATE: 08/27/2015 10:00:00 AM  
USER: JMM  
PLOT DATE: 08/27/2015 10:00:00 AM  
PLOT SCALE: 1"=20'

NOTE: THE OIL/WATER SEPARATOR MUST HAVE A MINIMUM WATER DEPTH OF THREE (3) FEET AND A MINIMUM WATER VOLUME OF 150 GALLONS. IN ADDITION, THE TOP OF THE SEPARATOR'S BAFFLE WALL(S) MUST BE AT LEAST TWO INCHES BELOW THE TRAP'S WATER LEVEL. WATER MUST BE ABLE TO FREELY FLOW OVER THE ENTIRE WIDTH OF THE BAFFLE WALL. CAST IRON RING & COVER EAST JORDAN V-1610-4 ASTM-A40 C-35 H-20/AASHTO M-306 4" BASE FLANGE REVERSIBLE RING WITH PLAIN COVER.

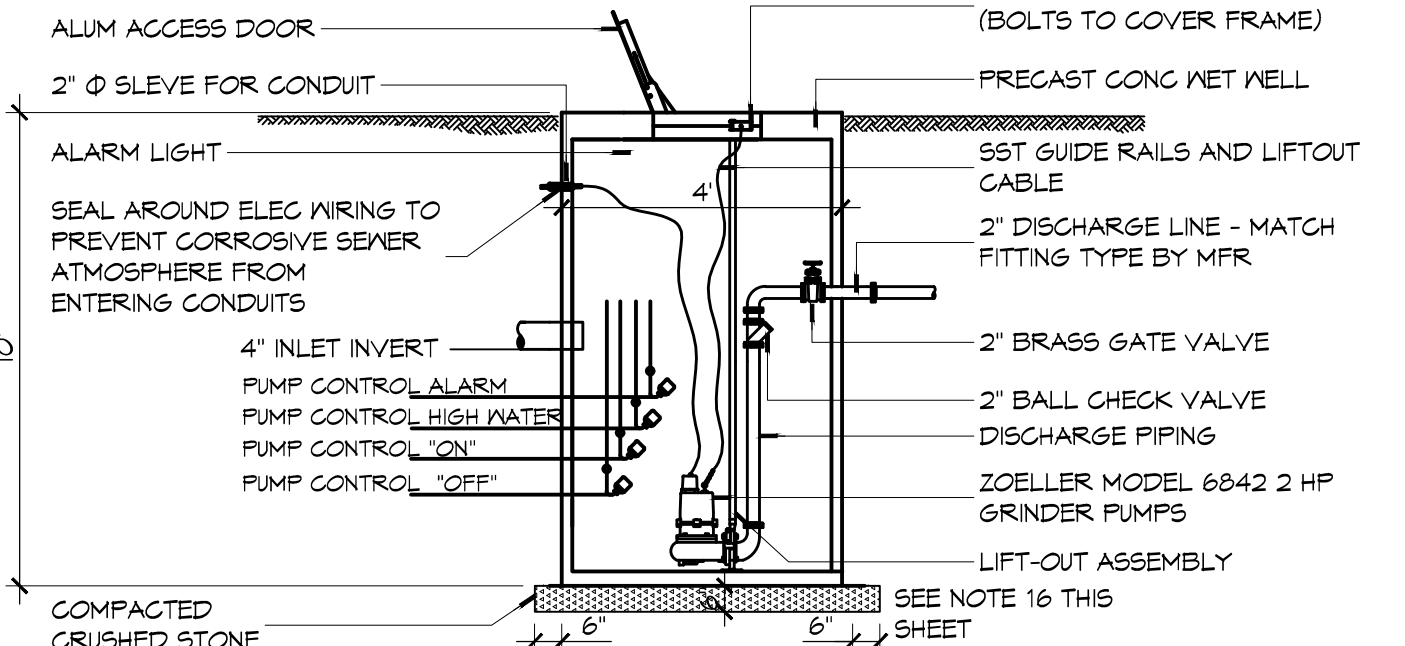
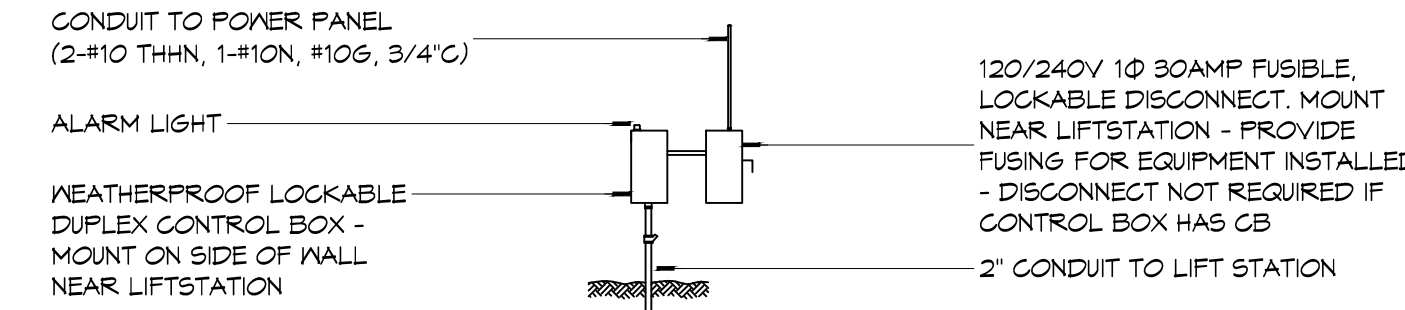


(B) PLAN



(A) SECTION

**3** DETAIL  
SCALE: NTS  
OIL/WATER SEPARATOR

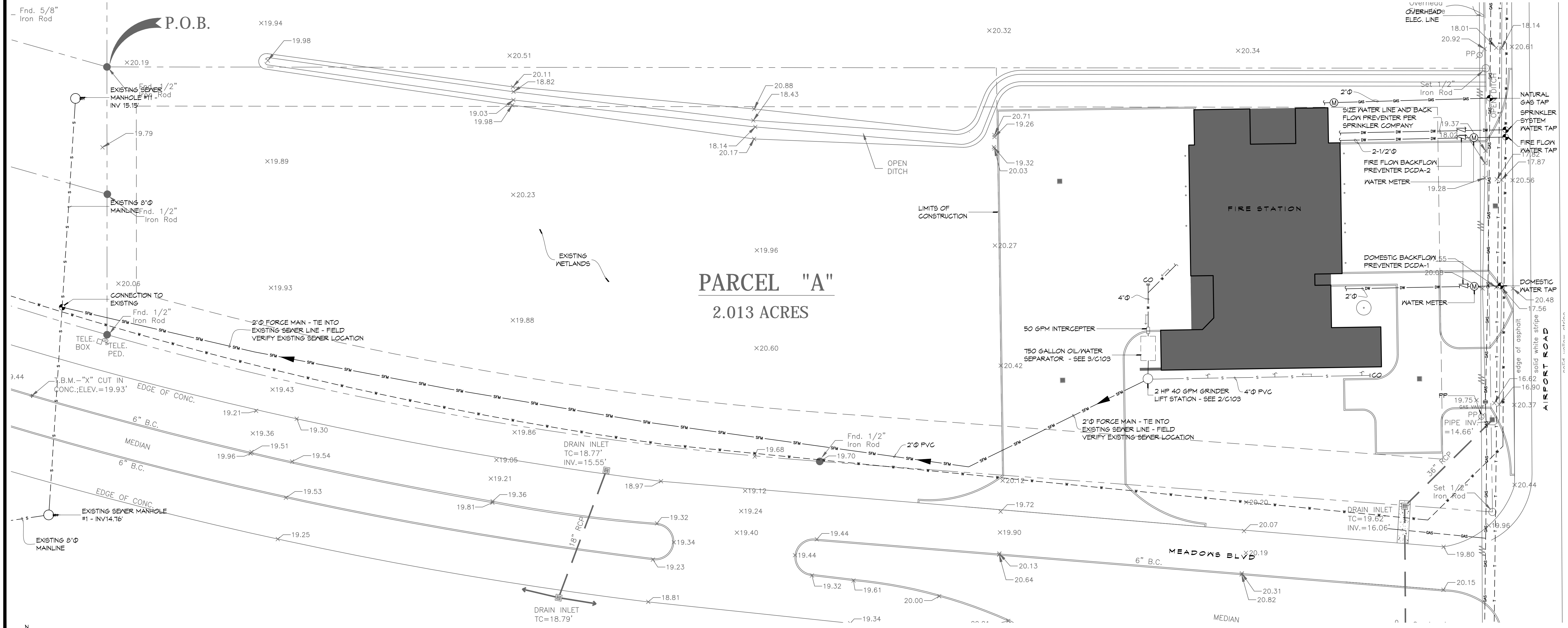
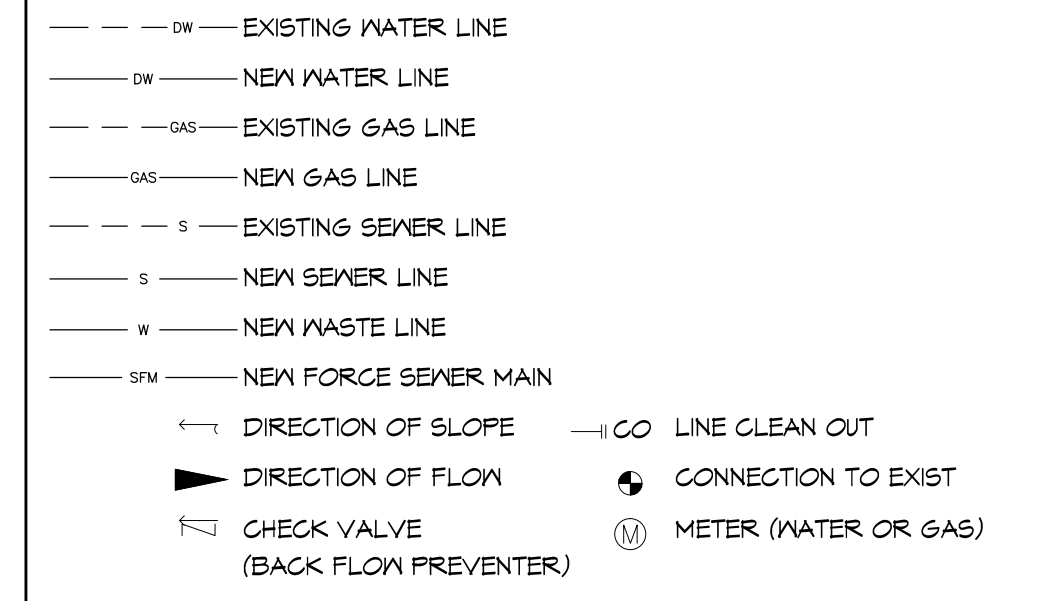


**2** DETAIL  
SCALE: NTS  
LIFT STATION

### GENERAL SITE UTILITIES NOTES

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

### SITE UTILITIES LEGEND



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

# DAMMON

ENGINEERING, INC.  
Architects & Engineers  
www.dammonengineering.com  
info@dammonengineering.com  
PH: 985.649.5832  
F: 985.641.5990  
Chief Architect: Kevin J. Kinchen, N.CARB  
Chief Engineer: Brian M. Wisten, P.E.  
554 Old Spanish Trail  
Slidell, LA 70568

REVISIONS	DATE

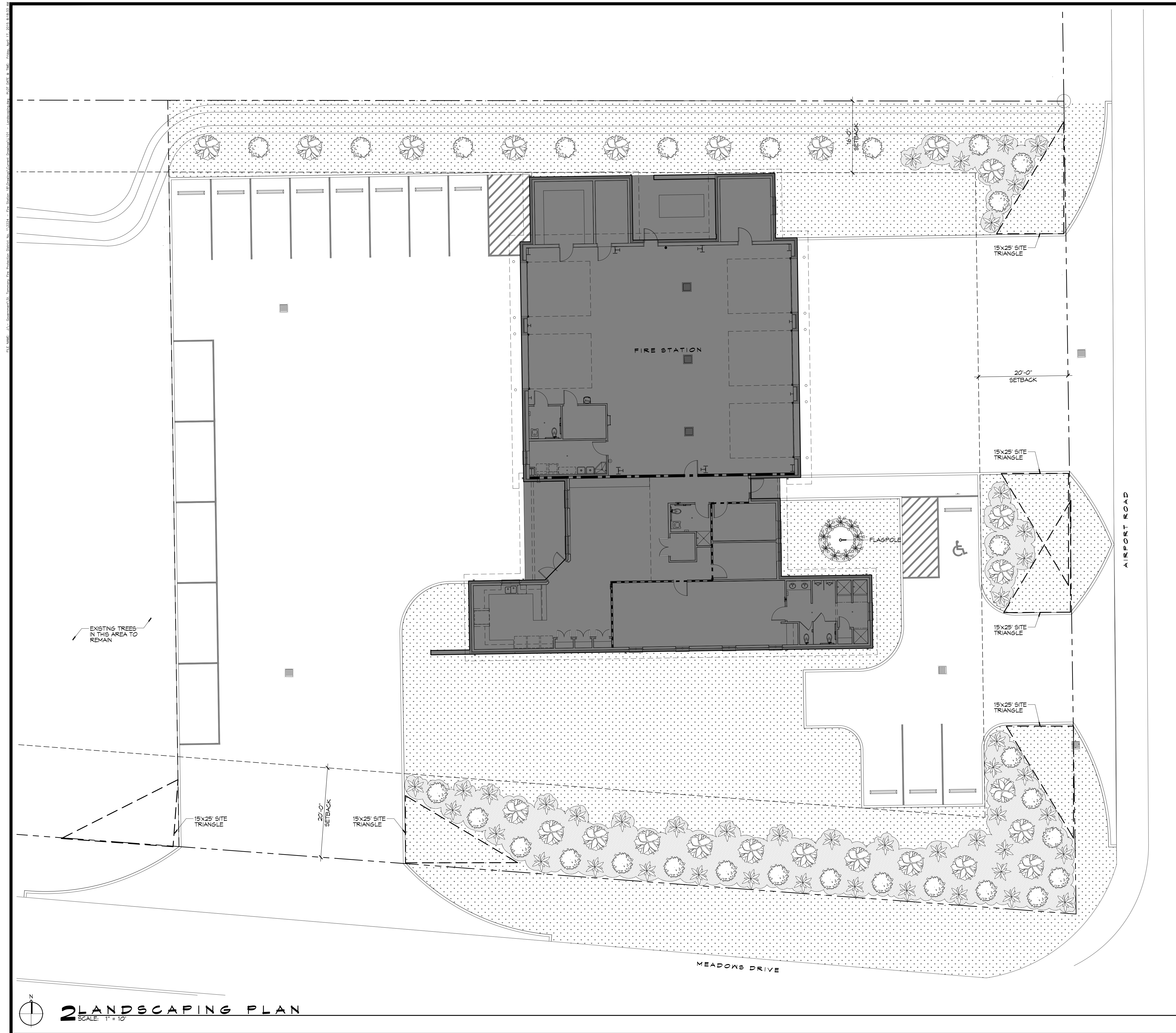
SEAL:

ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1  
**FIRE STATION 18**  
6195 AIRPORT ROAD  
SLIDELL, LOUISIANA 70460  
JOB No: 2224 DATE: APRIL 10, 2015  
DRAWN BY: K-K  
CHECKED BY: DFD

SHEET TITLE:  
SITE PLAN - SITE UTILITIES AND DETAILS  
DRAWING NUMBER:  
**C103**  
SHEET No: 7 of 36





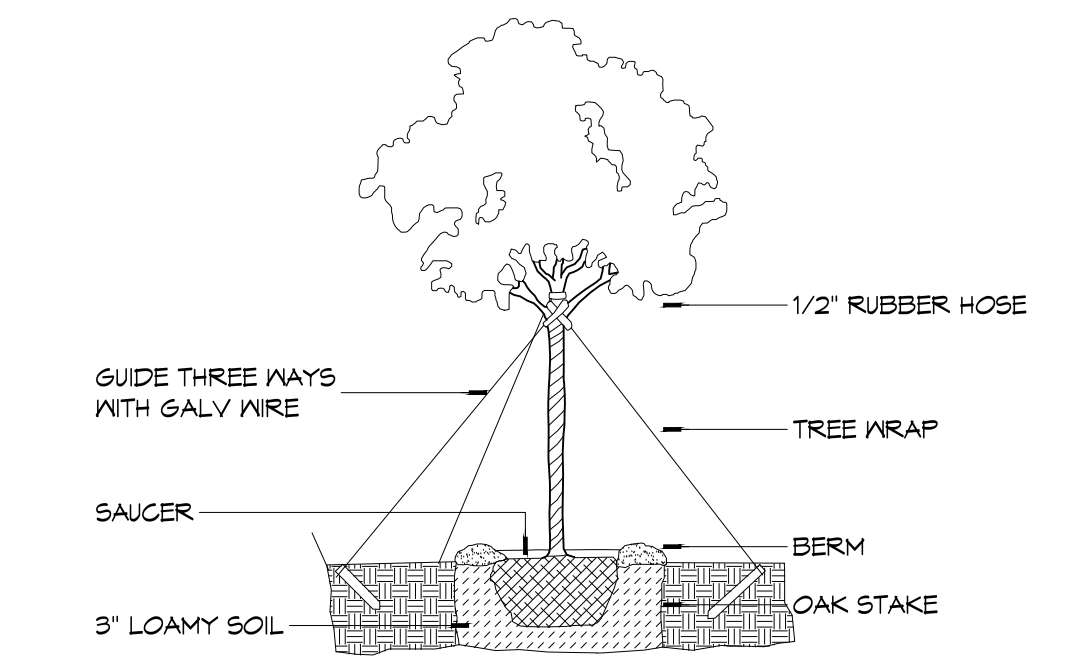


### GENERAL LANDSCAPING NOTES

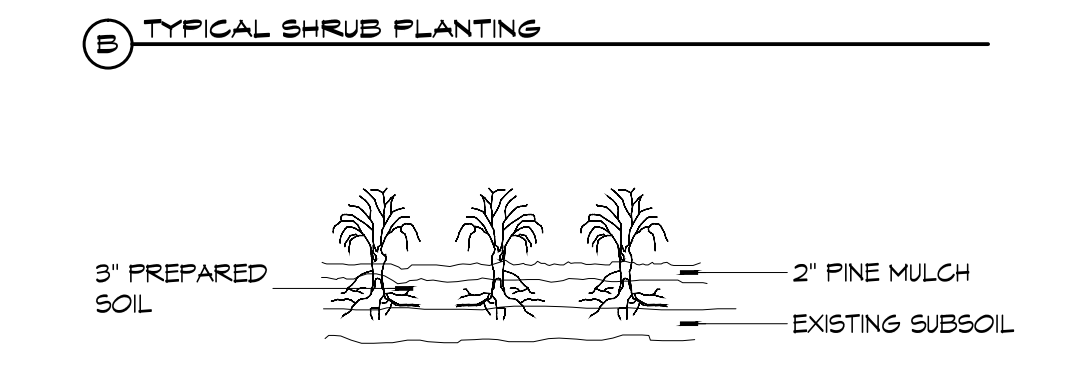
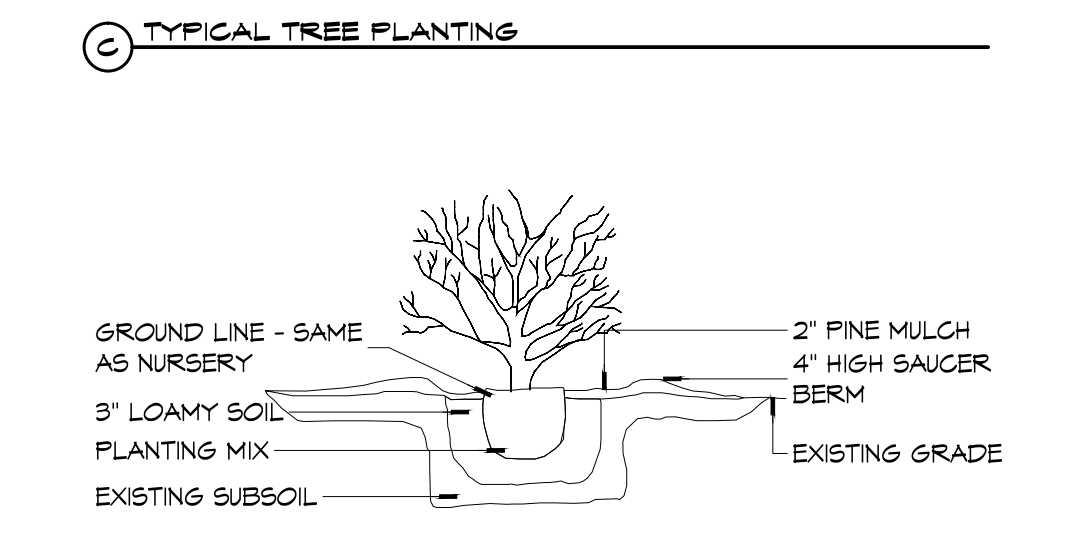
- ALL LANDSCAPING SHALL BE DESIGNED AND INSTALLED BY A LANDSCAPING COMPANY LICENSED IN THE STATE OF LOUISIANA.
- VERIFY LOCATIONS OF PERTINENT SITE IMPROVEMENTS INSTALLED UNDER OTHER CONTRACTS. IF ANY PART OF THIS PLAN CANNOT BE FOLLOWED DUE TO SITE CONDITIONS, CONTACT ARCHITECT FOR INSTRUCTIONS PRIOR TO COMMENCING WORK.
- CONTACT LOCAL UNDERGROUND UTILITY SERVICES FOR UTILITY LOCATION AND IDENTIFICATION, PRIOR TO COMMENCING WORK.
- PERFORM EXCAVATIONS IN THE VICINITY OF UNDERGROUND UTILITIES WITH CARE AND BY HAND, IF NECESSARY. THE CONTRACTOR BEARS FULL RESPONSIBILITY FOR THIS WORK AND DISRUPTION OF DAMAGE TO UTILITIES AND SHALL BE IMMEDIATELY REPAIRED AND AT NO EXPENSE TO THE OWNER.
- ITEMS SHALL REMAIN UNLESS DESIGNATED FOR REMOVAL. REMOVE DESIGNATED ITEMS SHOWN ON THE PLAN TO THE FULL DEPTH OF THEIR CONSTRUCTION UNLESS NOTED OTHERWISE.
- ITEMS ENCOUNTERED BELOW GRADE AND NOT SHOWN ON THE DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT.
- REMOVE DEMOLISHED MATERIALS FROM SITE. DISPOSAL BY BURNING AND/OR BURYING IS PROHIBITED.
- CONTACT THE LOCAL UNDERGROUND SERVICE UPDATE FOR UTILITY LOCATION AND IDENTIFICATION PRIOR TO DEMOLITION.
- THE LOCATION OF EXISTING UTILITIES AS SHOWN ON THE PLANS MAY VARY IN RELATION TO ACTUAL EXISTING CONDITIONS; ADDITIONAL UTILITIES NOT SHOWN ON THE DRAWINGS MAY EXIST. VERIFY IN THE FIELD THE DATE SHOWN, AND CALL ANY DISCREPANCIES TO THE ATTENTION OF THE ARCHITECT.
- FOR DIMENSIONS OF THE PROPOSED SITE IMPROVEMENTS, AND RELATED WORK, REFER TO THE ARCHITECTURAL, CIVIL, AND STRUCTURAL SHEETS.
- FINISH GRADES AND MULCH SHALL BE MINIMUM 6 INCHES BELOW FINISH FLOOR OR MASONRY KEEPS, WHICHEVER IS LOWER.

### LEGEND

- DD BLANCHARD MAGNOLIA  
ALL CLASS "A" TREES, AT THE TIME OF PLANTING, SHALL HAVE A MINIMUM CALIPER OF A T LEAST TWO ANS ONE-HALF (2-1/2) INCHES, MEASURED SIX (6") INCHES ABOVE THE ROOT BALL, AND A MINIMUM HEIGHT OF 10-12 FEET AND A MATURE HEIGHT OF 40 FEET AS PER THE NATIONAL NURSERY ASSOCIATION STANDARDS.
- LITTLE GEM MAGNOLIA  
ALL CLASS "B" TREES AND ALL TREES, OTHER THAN CLASS "A" TREES, AT THE TIME OF PLANTING, SHALL HAVE A MINIMUM OF AT LEAST ONE AND ONE-HALF (1-1/2) INCHES MEASURED (6") SIX INCHES ABOVE THE ROOT BALL AND A MINIMUM HEIGHT OF 8-10 FEET AND A MATURE HEIGHT OF 20 FEET AS PER THE NATIONAL NURSERY ASSOCIATION STANDARDS.
- AZALEA SHRUB: A RELATIVELY LOW-GROWING BUSHY PLANT, USUALLY WITH WOODY STEMS. FOR THE PURPOSE OF THIS DEFINITION, GROUND COVER, TREES AND ANNUALS ARE NOT CONSIDERED SHRUBS. ALL SHRUBS, AT THE TIME OF PLANTING, SHALL HAVE A MINIMUM HEIGHT OF TWO (2) FEET.
- ROSES
- GRASS
- PINE MULCH



**NOTE:** ALWAYS PLANT EQUAL TO OR 1" - 2" ABOVE GROUND.



**1 DETAILS**  
SCALE: NTS

**DAMMON ENGINEERING, INC.**  
Architects & Engineers  
www.dammonengineering.com  
info@dammonengineering.com  
PH: 985.649.5832  
F: 985.641.5990

Chief Architect: Kevin J. Kinchen, NCARB  
Chief Engineer: Brian Wistich, PE  
554 Old Spanish Trail  
Slidell, LA 70458

#	DESCRIPTION	DATE

ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1  
**FIRE STATION 18**

6195 AIRPORT ROAD  
SLIDELL, LOUISIANA 70458  
JOB No: 2224 DATE: APRIL 10, 2015  
DRAWN BY: C&D/JTL CHECKED BY: K-K

SHEET TITLE:  
SITE PLAN - LANDSCAPING

DRAWING NUMBER:  
**L101**

SHEET No: 10 of 36



FILE NAME: J:\\_Customer\10 - Tammany Fire Protection District No. 18 - Fire Station 18 (Architectural)\General\0102 - Ceiling Framing Plan & Details.dwg, Plot Date: 10/20/2015 10:10:24 AM

## GENERAL CEILING FRAMING NOTES

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

### LEGEND

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

### TABLE S102.1 - HEADER SPANS - INTERIOR LOADBEARING WALLS NFCM 2015 Table 3.24A1 & 3.24B1

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

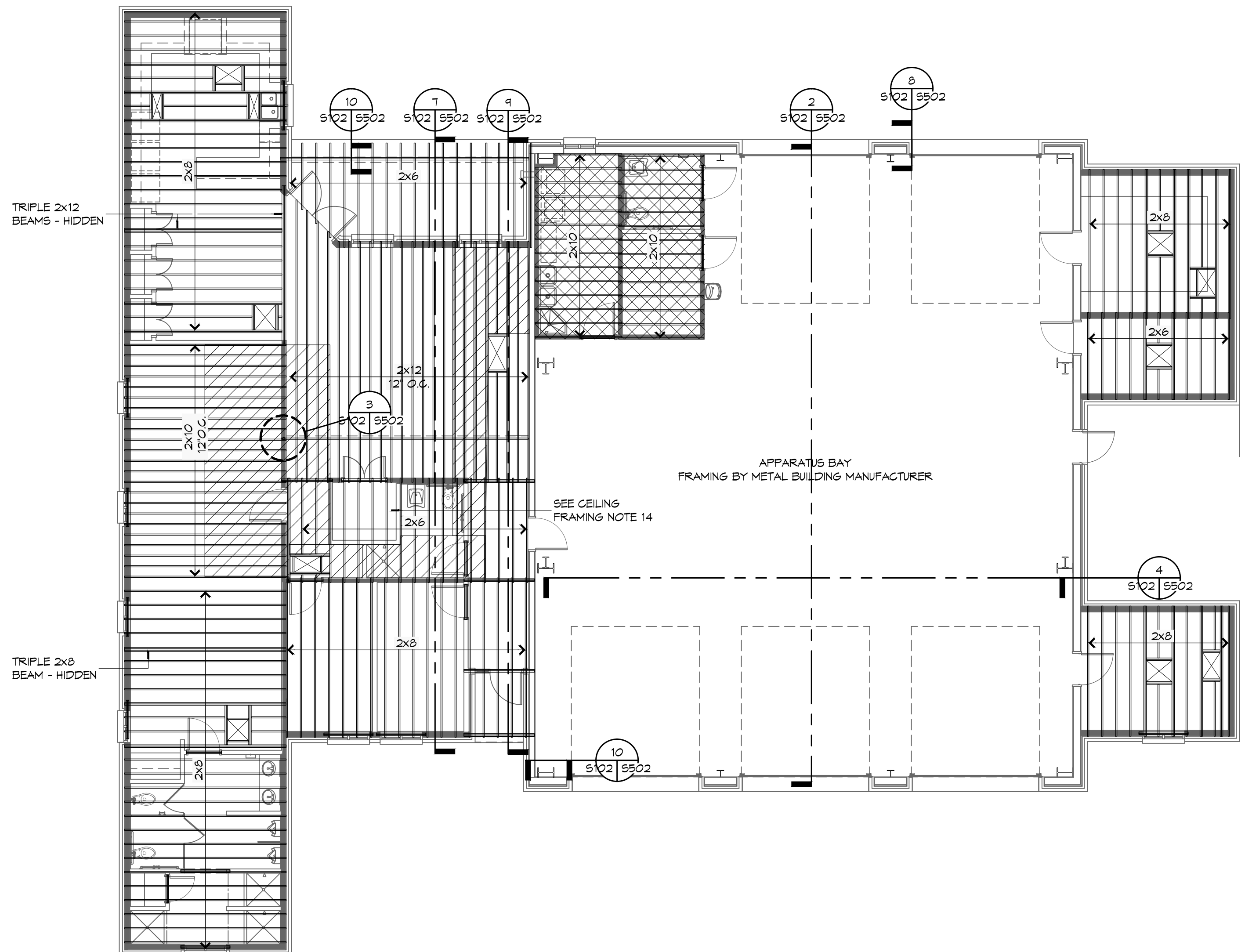
MAXIMUM SPAN 16'-0"  
 NOTE: BUILDING WIDTH IS MEASURE PERPENDICULAR TO THE RIDGE. FOR NOTES BETWEEN THOSE SHOWN, SPANS ARE PERMITTED TO BE INTERPOLATED.

### TABLE S102.2 - HEADER SPANS - EXPOSURE "C" FOR EXTERIOR LOADBEARING WALLS NFCM 2015 Table 3.23a

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

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

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



**1**  
 S102S102 CEILING FRAMING PLAN  
 SCALE: 1/8" = 1'-0"

DAMMON

ENGINEERING, INC.

Architects & Engineers  
 Chief Architect: Kevin J. Kinchen, NCAAB  
 Chief Engineer: Brian Mistich, PE  
 554 Old Spanish Trail  
 Slidell, LA 70458  
 www.dammonengineering.com  
 info@dammonengineering.com  
 PH: 985.649.5832  
 F: 985.641.5990

#	DESCRIPTION	DATE

SEAL: \_\_\_\_\_  
 REVISIONS: \_\_\_\_\_  
 CHECKED BY: CKD

ST. TAMMANY FIRE PROTECTION DISTRICT NO. 18

FIRE STATION 18

6195 AIRPORT ROAD  
 SLIDELL, LOUISIANA 70458  
 JOB No: 2224 DATE: APRIL 10, 2015  
 DRAWN BY: CKD CHECKED BY: CKD

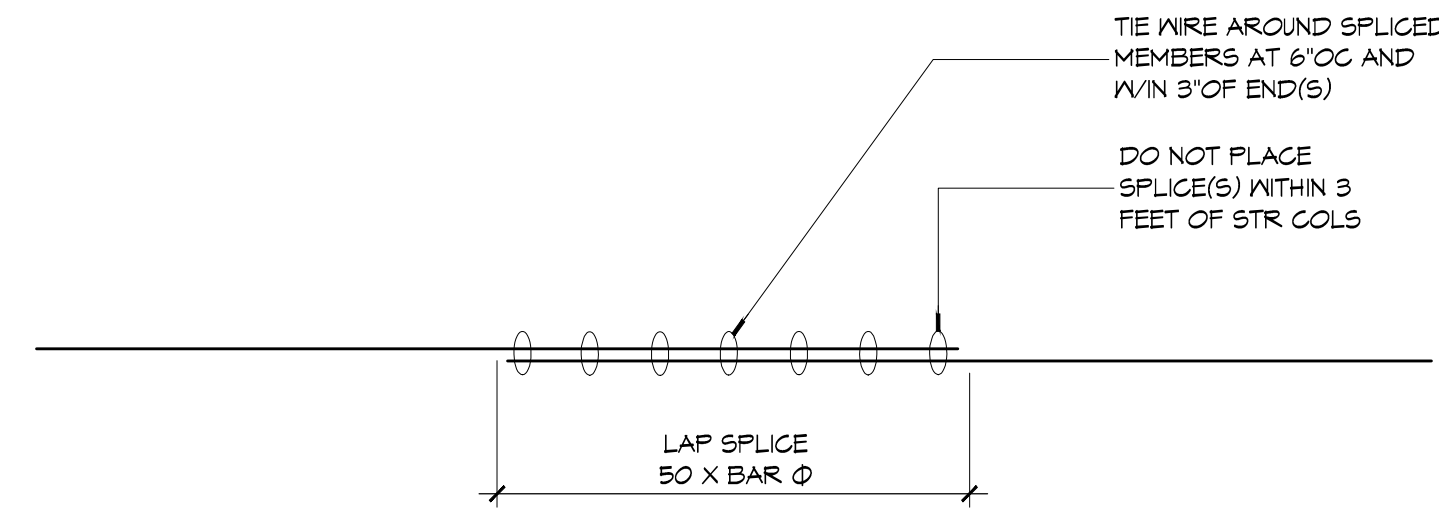
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 CEILING FRAMING PLAN  
 AND DETAILS

DRAWING NUMBER:  
S102

SHEET No: 12 of 36

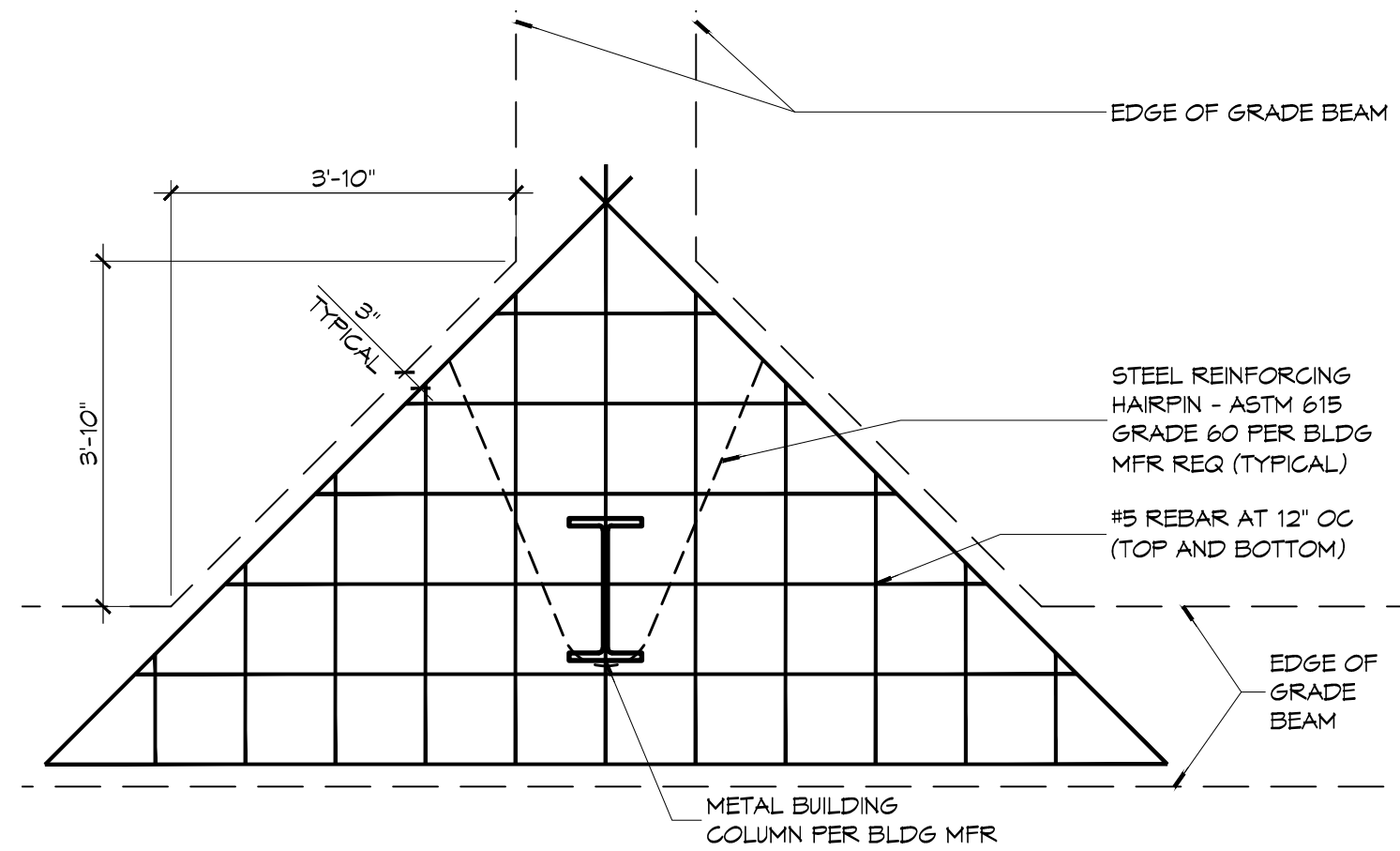


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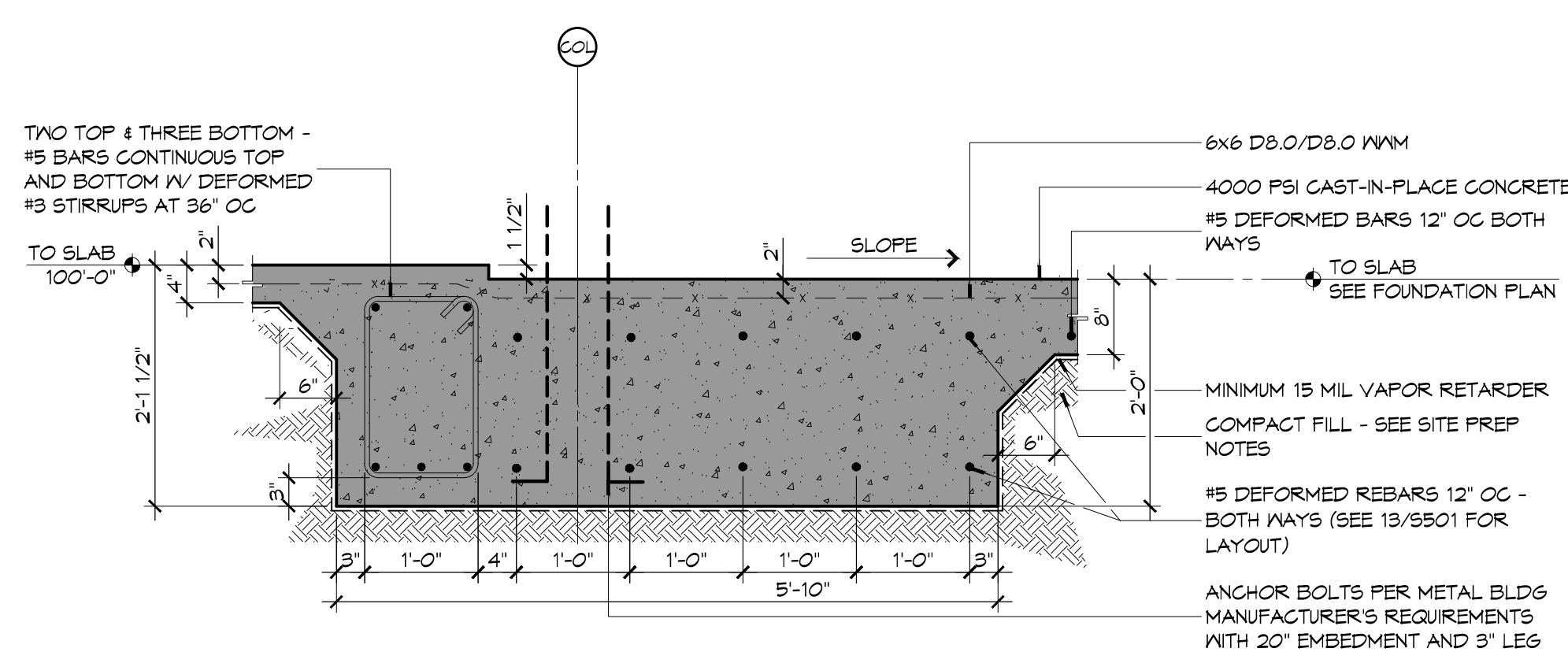
**14 FOUNDATION DETAIL**

5501S101 SCALE: NTS



**13 FOUNDATION DETAIL**

5501S101 SCALE: 1/2" = 1'-0"

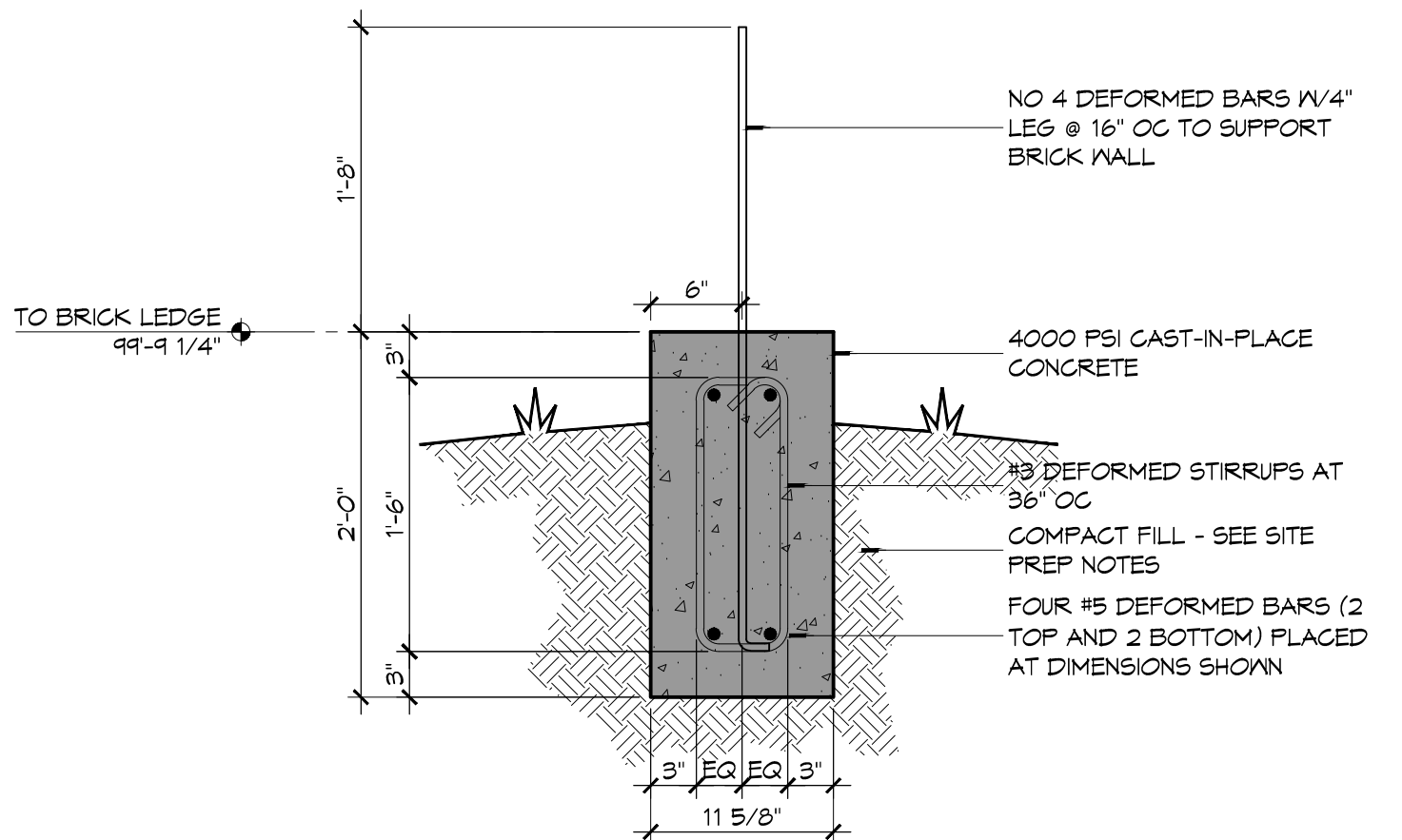


**12 FOUNDATION DETAIL**

5501S101 SCALE: 3/4" = 1'-0"

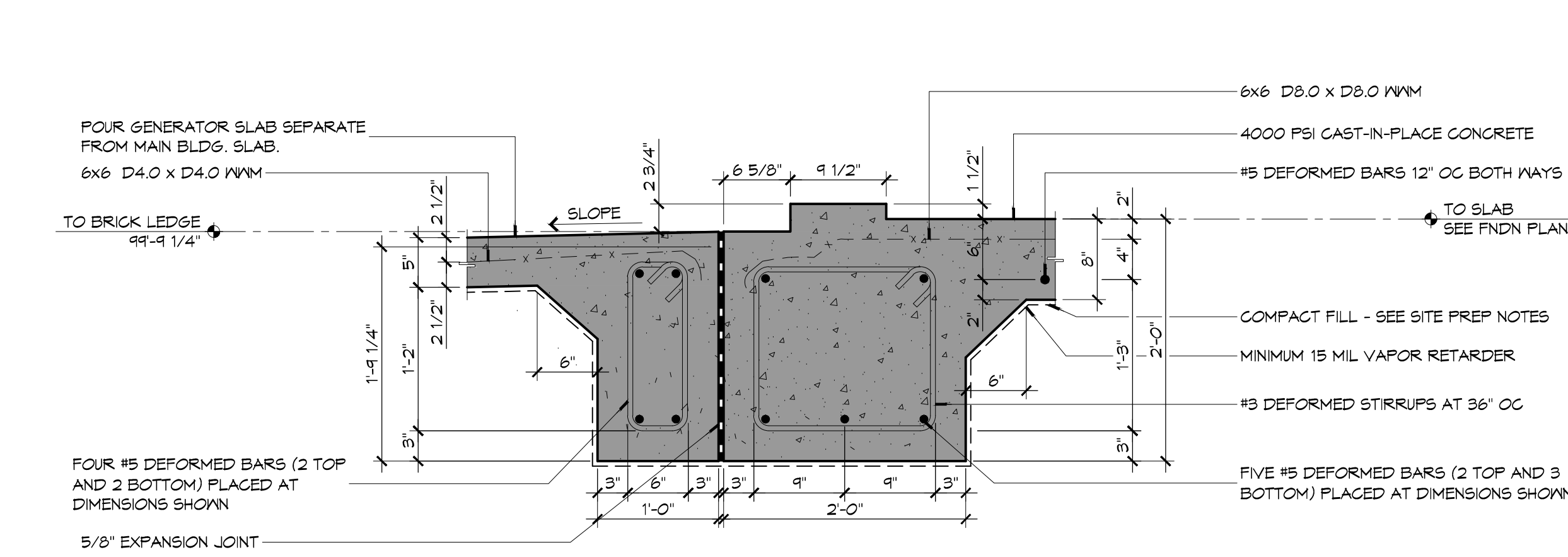
**FOUNDATION NOTES**

1. CONCRETE REINFORCING STEEL SHALL CONFORM TO THE REQUIREMENTS OF ASTM A605, GRADE 60. REINFORCING TO BE WELDED SHALL CONFORM TO THE REQUIREMENTS OF ASTM A706, GRADE 60, UNLESS NOTED OTHERWISE.
2. FABRICATION OF REINFORCING STEEL SHALL BE IN ACCORDANCE WITH THE DETAILS OF AC308-94, "DETAILING OF CONCRETE REINFORCEMENT".
3. CORNER BARS SHALL BE PROVIDED AT ALL CORNERS AND INTERSECTIONS OF CONCRETE BEAMS, GRADE BEAMS, WALLS, AND STEM WALLS.
4. UNLESS NOTED OTHERWISE, CONCRETE COVER SHALL CONFORM TO THE MINIMUMS REQUIRED BY AC308-94.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE STABILITY OF THE STRUCTURE DURING CONSTRUCTION.
6. WORK NOT INDICATED AS PART OF THE DRAWINGS BUT REASONABLY IMPLIED TO BE SIMILAR TO THAT A CORRESPONDING PLACE SHALL BE REPEATED.
7. ALL EXCAVATIONS FOR FOOTINGS OR PILE CAPS SHALL BE MADE TO GRADES SHOWN. CONTRACTOR SHALL TAKE MEASURES TO PREVENT CAVE-IN OF THE FOOTING EXCAVATION. THESE MEASURES MAY INCLUDE CUTTING BACK THE SIDE SLOPES AND/OR THE USE OF SIDE FORMS.



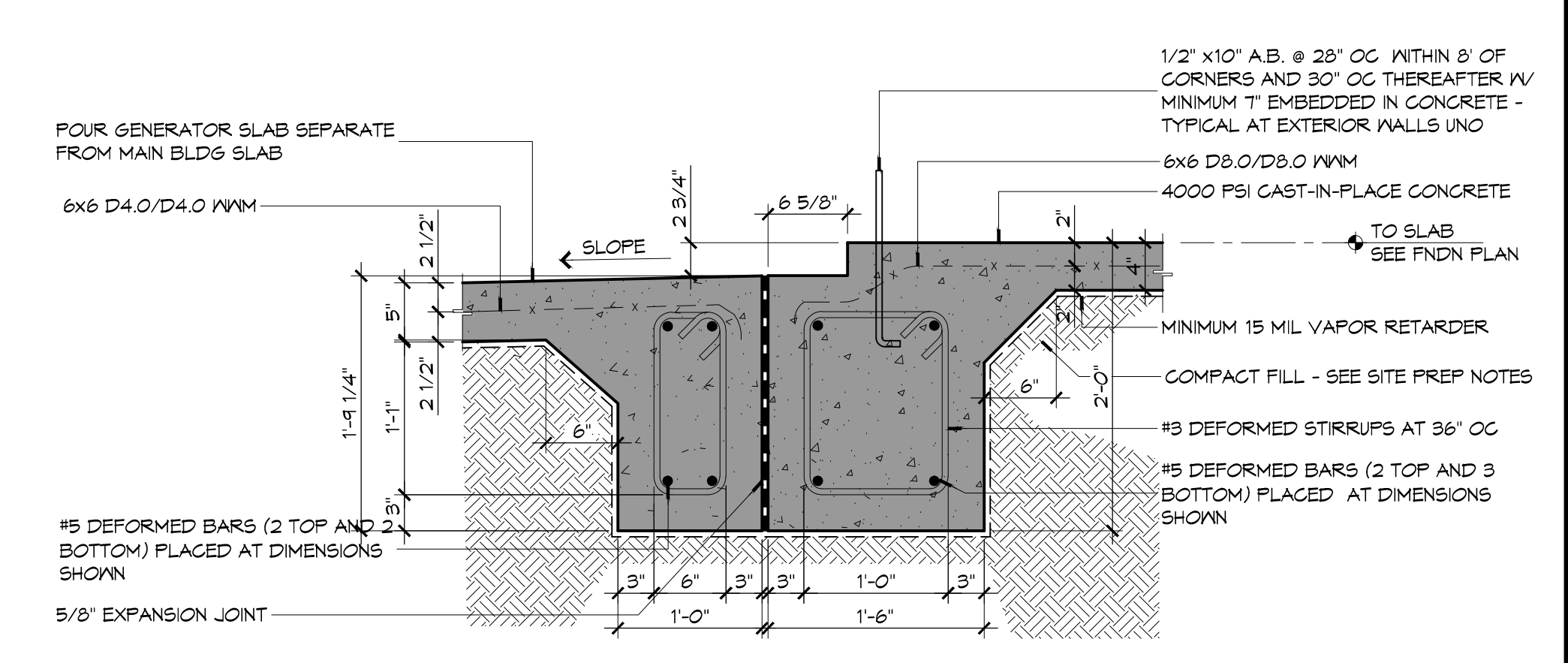
**11 FOUNDATION DETAIL**

5501S101 SCALE: 1" = 1'-0"



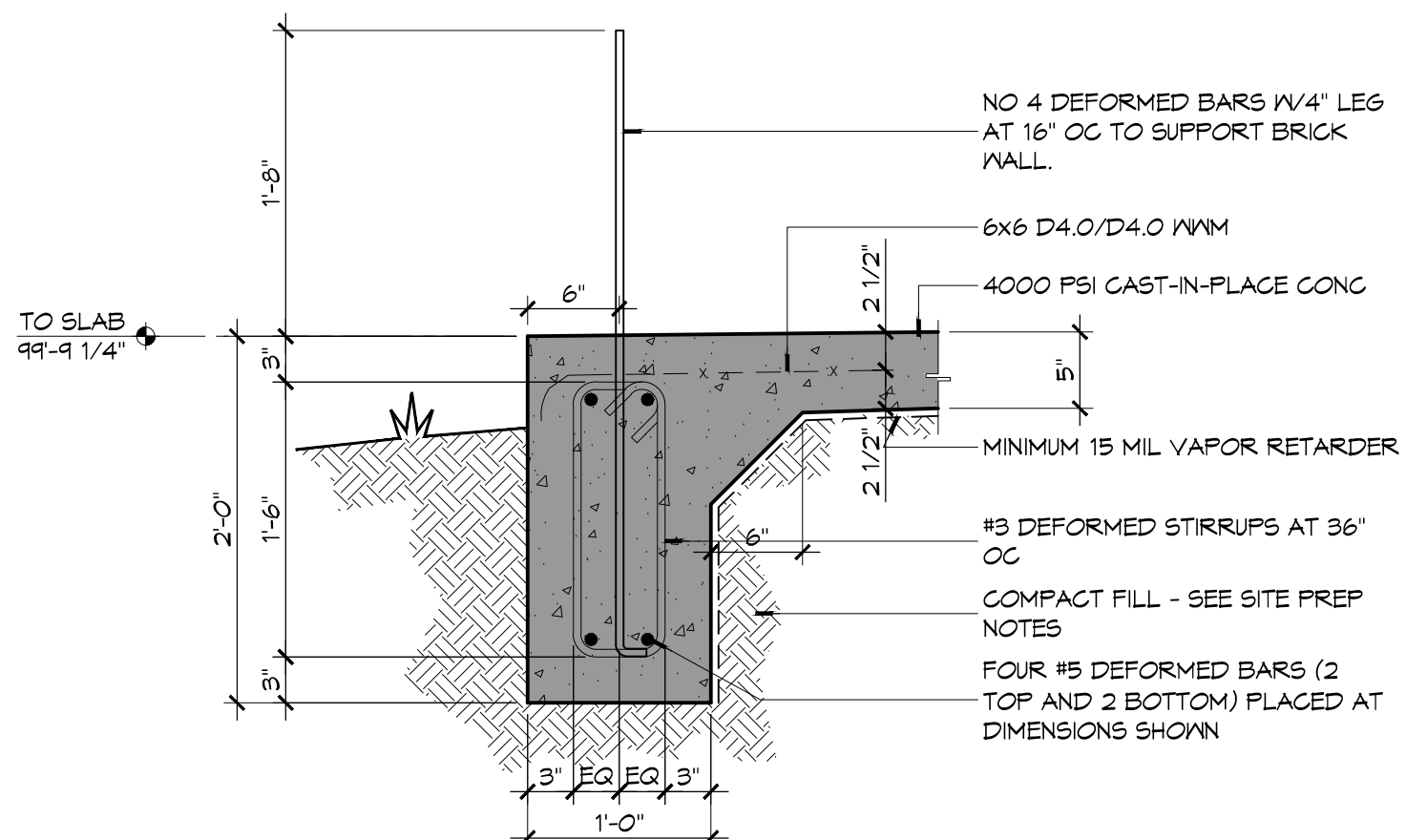
**10 FOUNDATION DETAIL**

5501S101 SCALE: 1" = 1'-0"



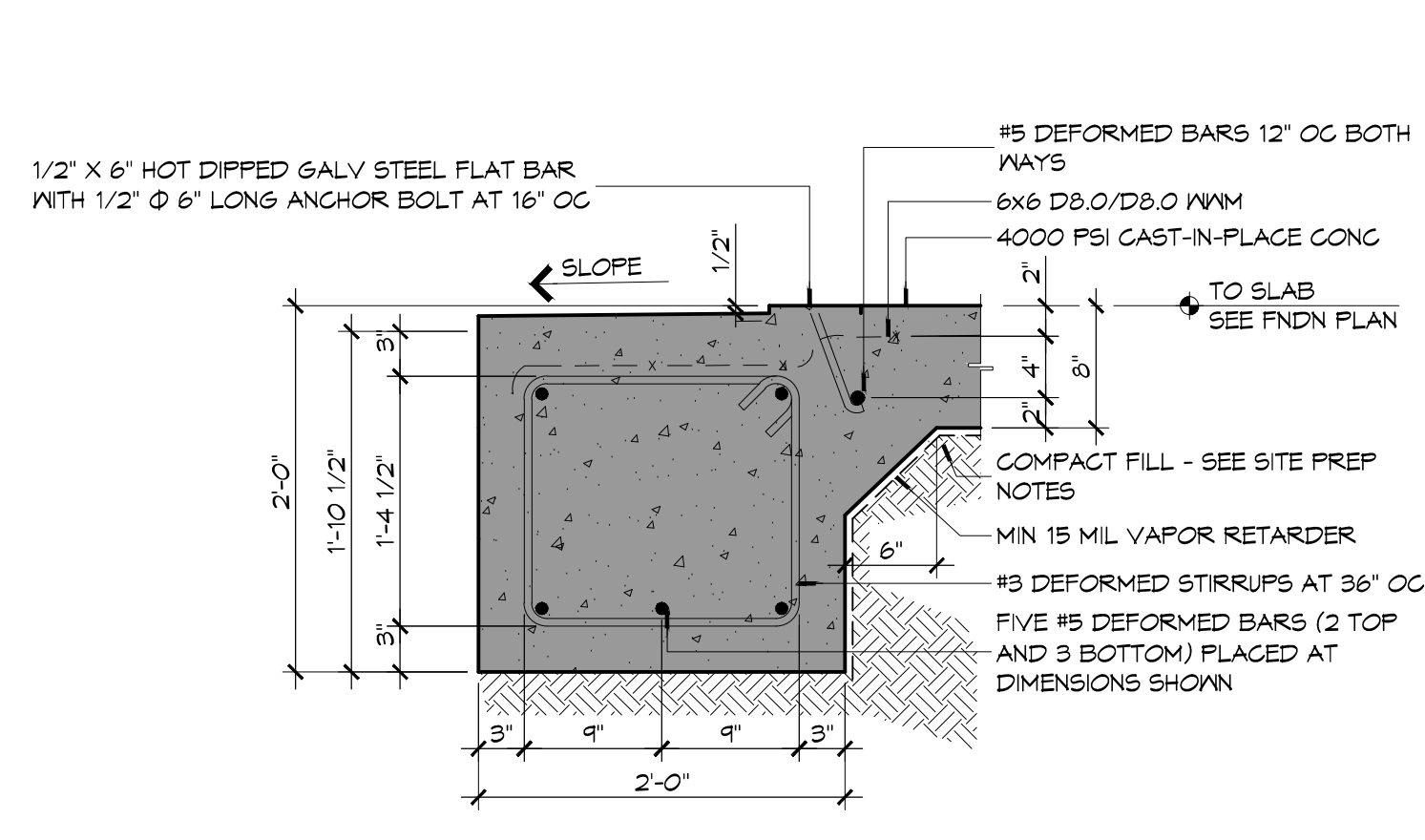
**9 FOUNDATION DETAIL**

5501S101 SCALE: 1" = 1'-0"



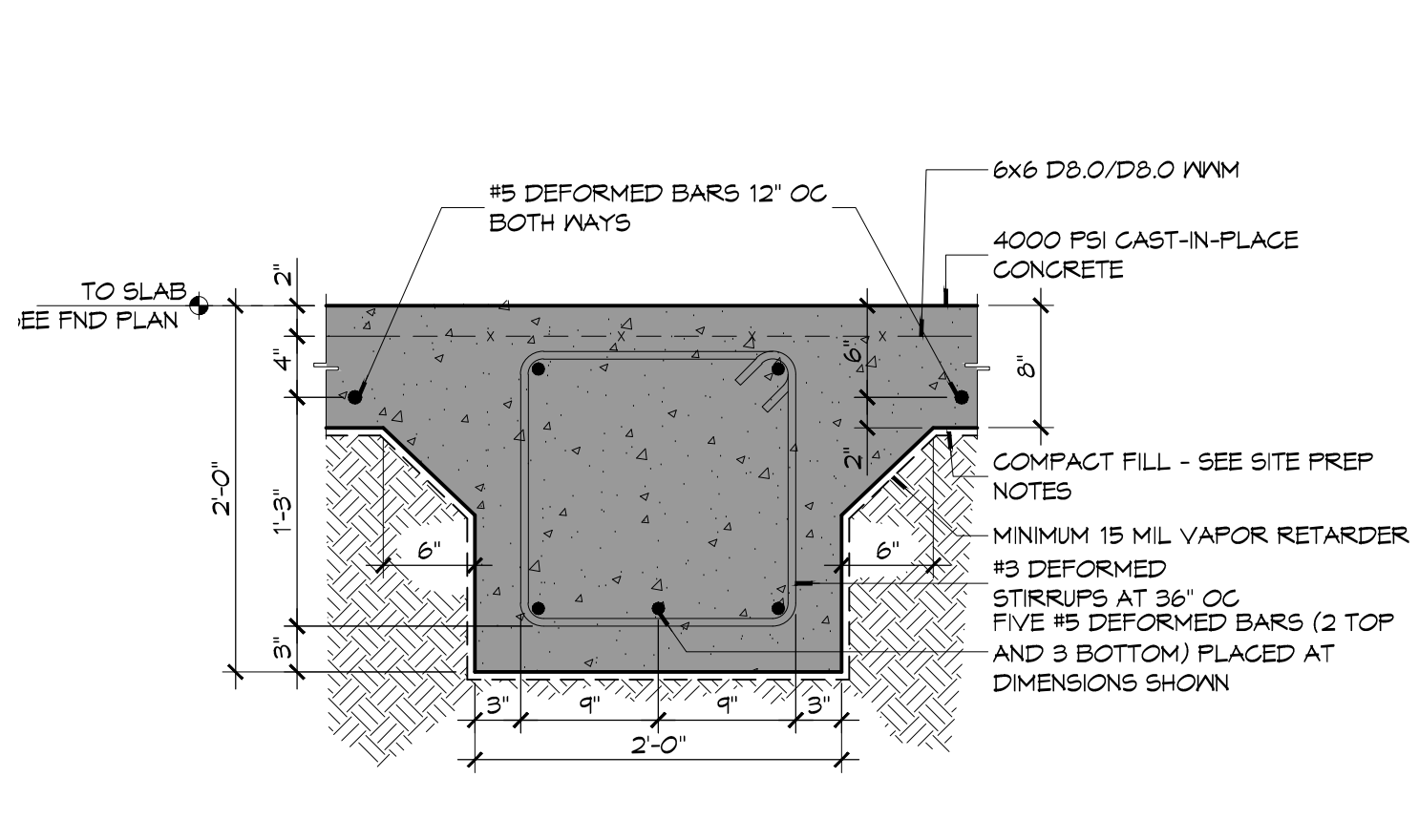
**8 FOUNDATION DETAIL**

5501S101 SCALE: 1" = 1'-0"



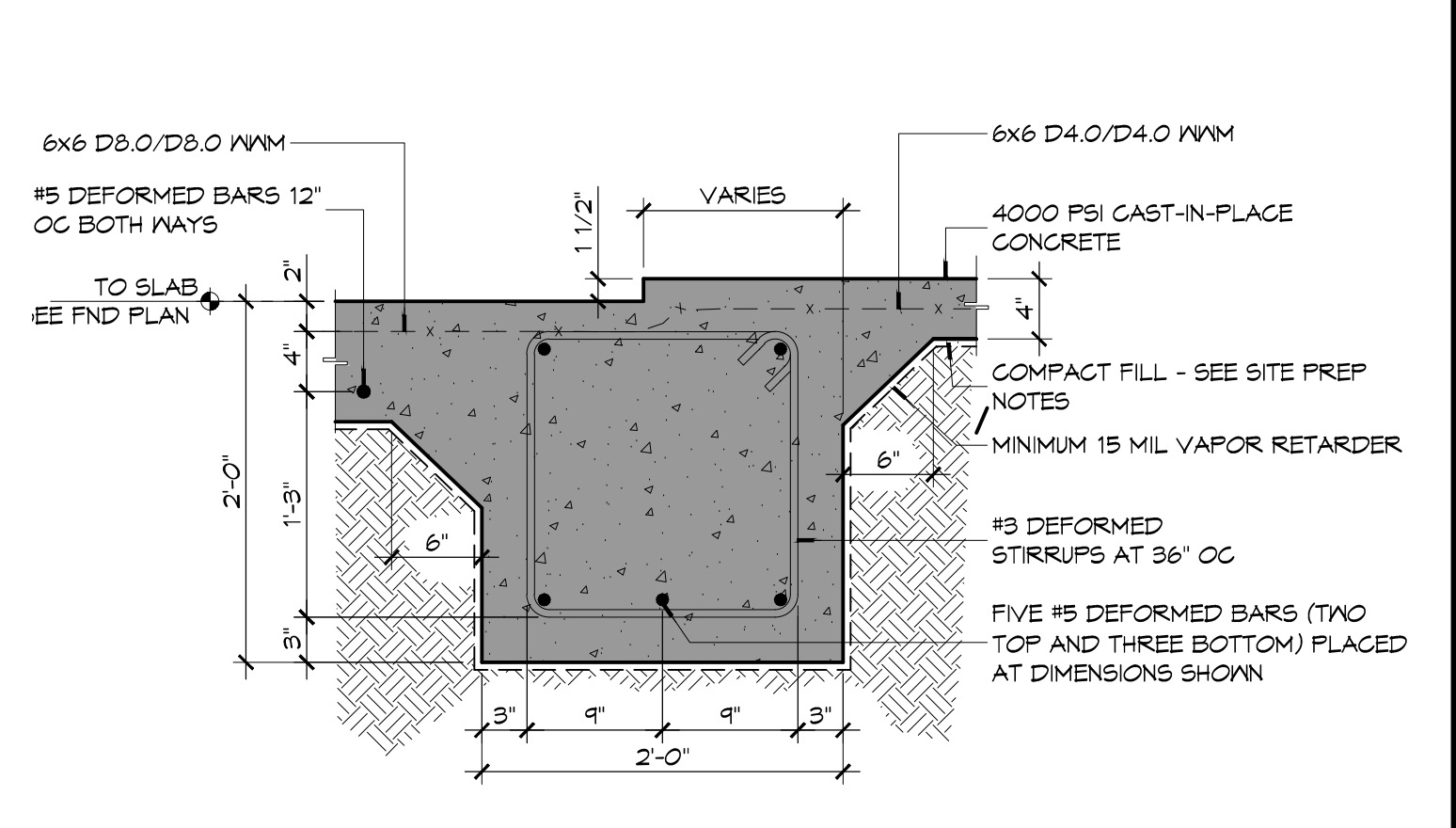
**7 FOUNDATION DETAIL**

5501S101 SCALE: 1" = 1'-0"



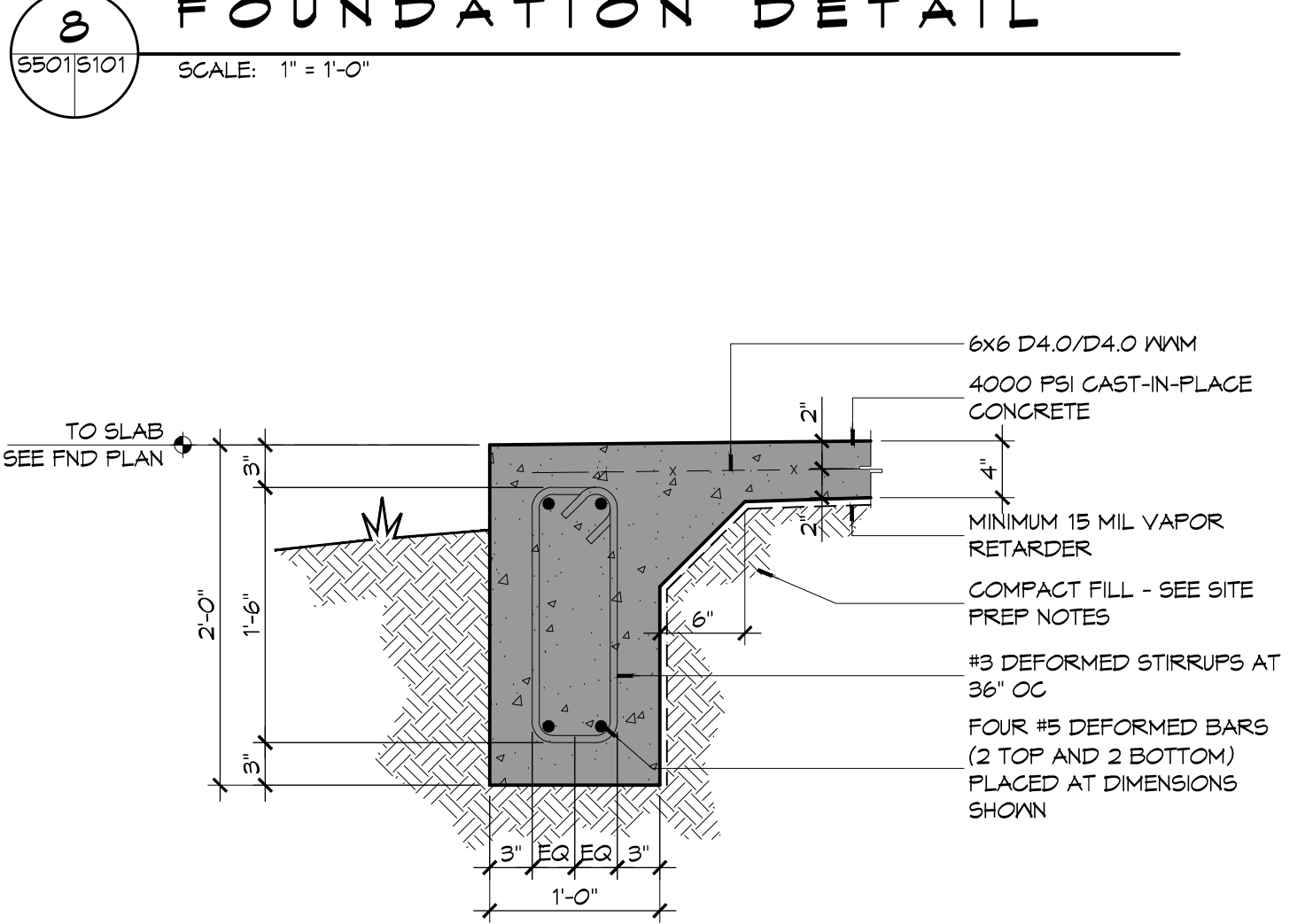
**6 FOUNDATION DETAIL**

5501S101 SCALE: 1" = 1'-0"



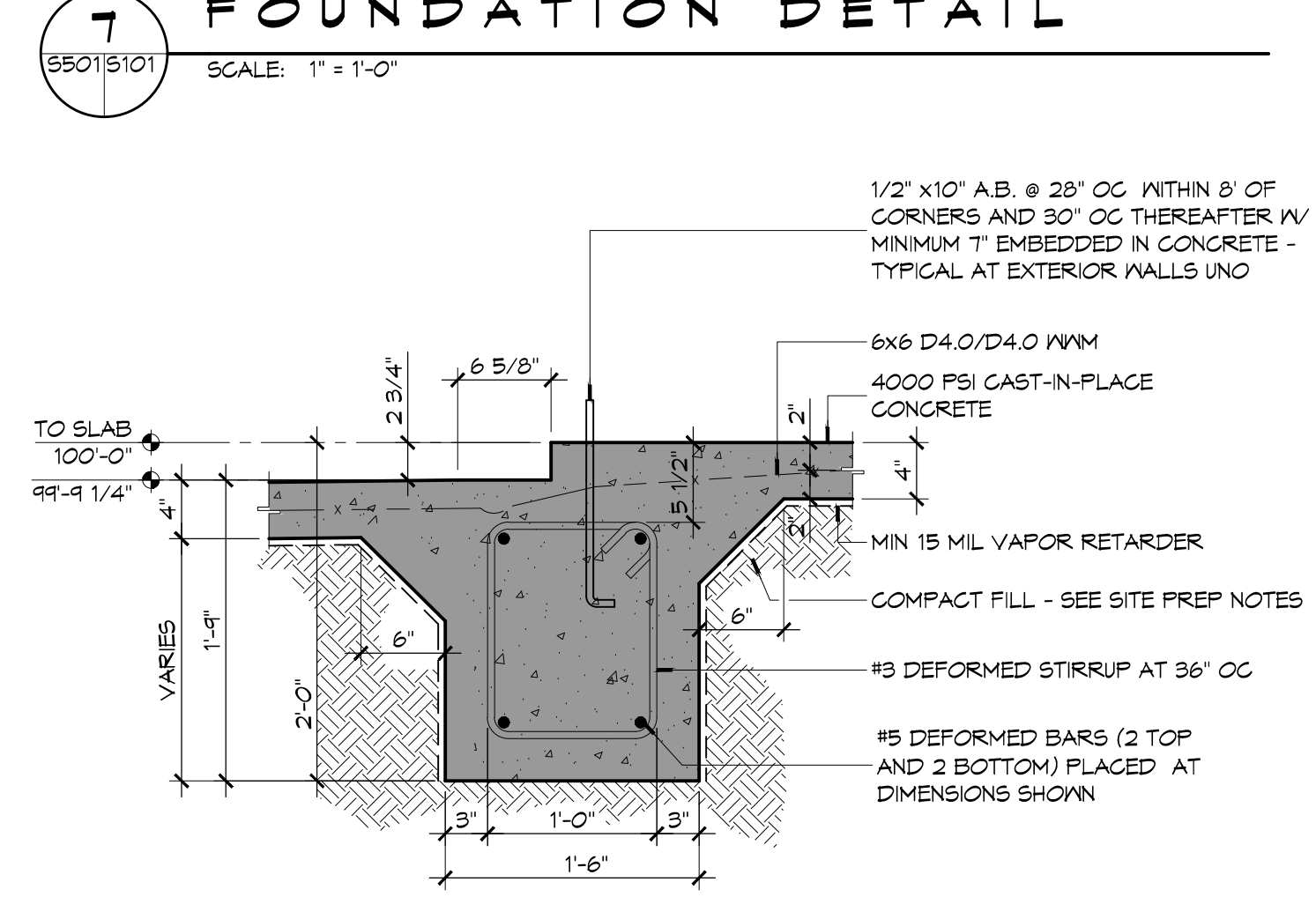
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5501S101 SCALE: 1" = 1'-0"



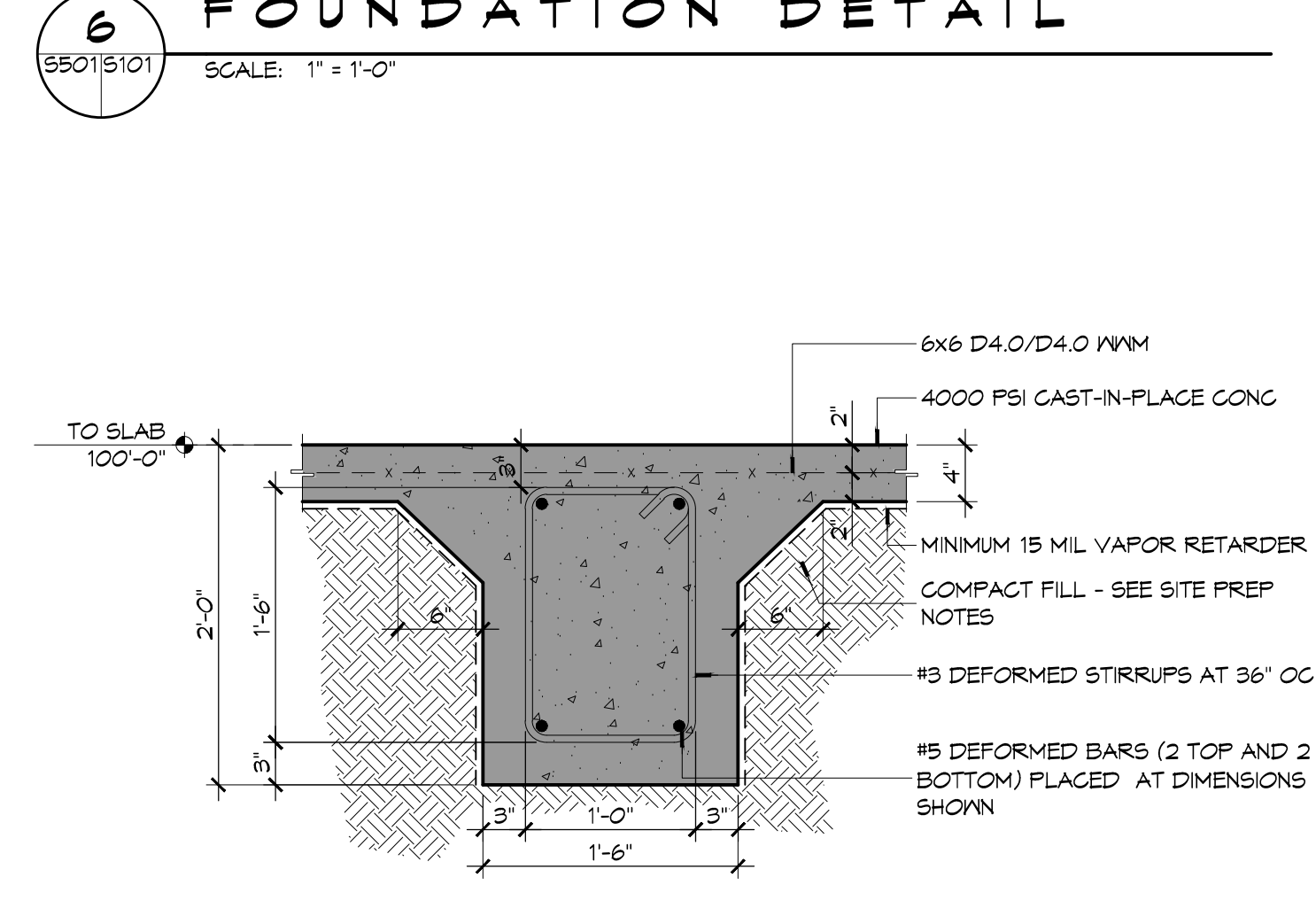
**4 FOUNDATION DETAIL**

5501S101 SCALE: 1" = 1'-0"



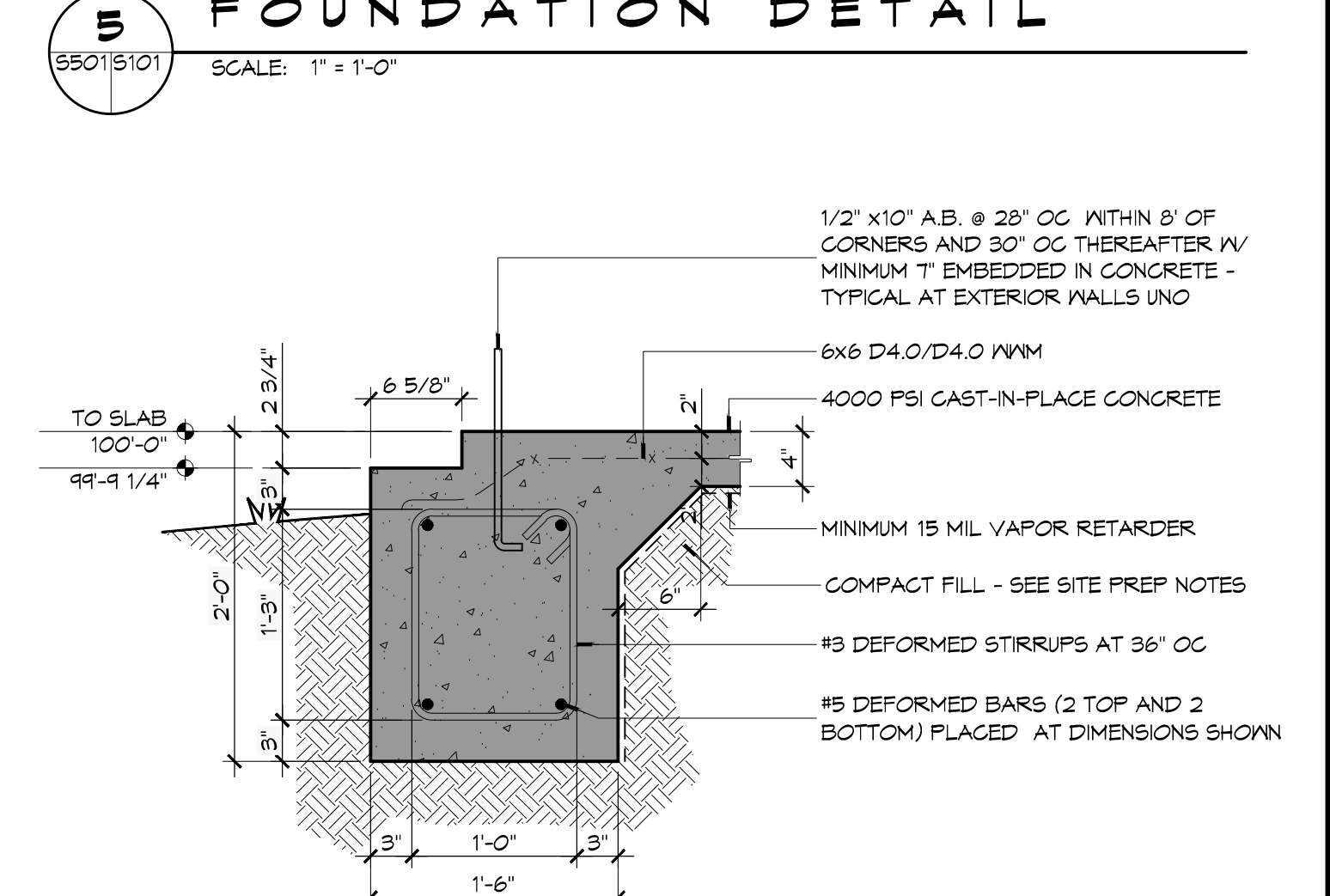
**3 FOUNDATION DETAIL**

5501S101 SCALE: 1" = 1'-0"



**2 FOUNDATION DETAIL**

5501S101 SCALE: 1" = 1'-0"



**1 FOUNDATION DETAIL**

5501S101 SCALE: 1" = 1'-0"

**DAMMON**  
 ENGINEERING, INC.  
 Architects & Engineers  
 www.dammonengineering.com  
 info@dammonengineering.com  
 PH: 985.649.5832  
 F: 985.641.5990

#	DESCRIPTION	DATE

SEAL:

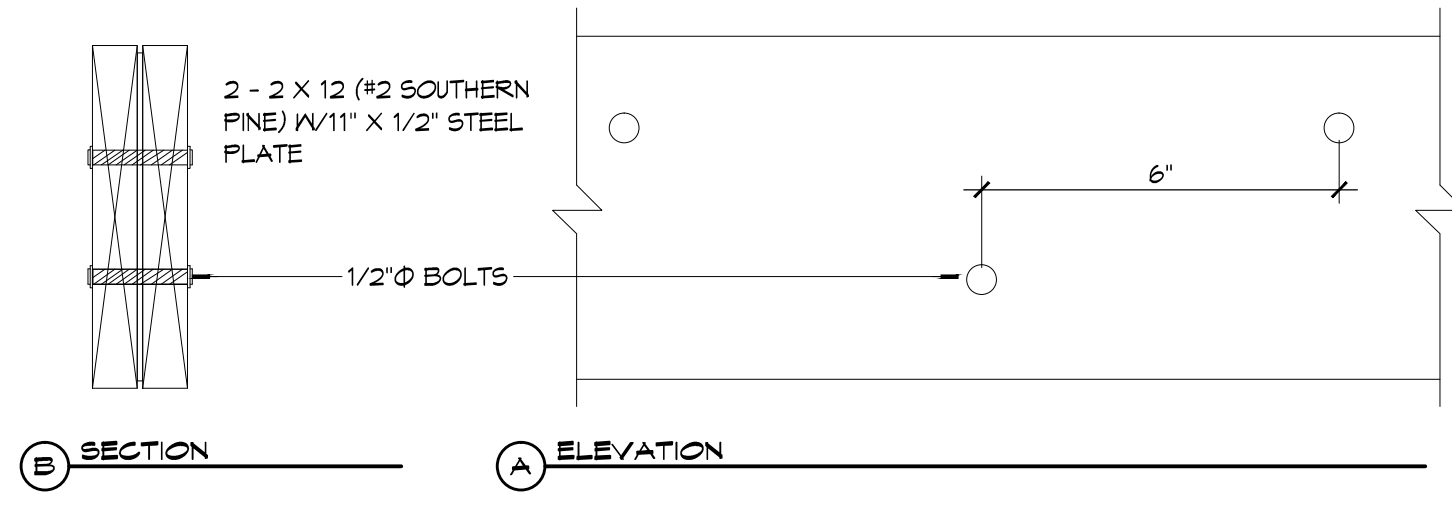
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**FIRE STATION 18**  
 6185 AIRPORT ROAD  
 SUITE 100  
 SLIDELL, LOUISIANA 70460  
 JOB No: 2224  
 DATE: APRIL 10, 2015  
 DRAWN BY: KJK  
 CHECKED BY: GKD

SHEET TITLE:  
 FOUNDATION DETAILS

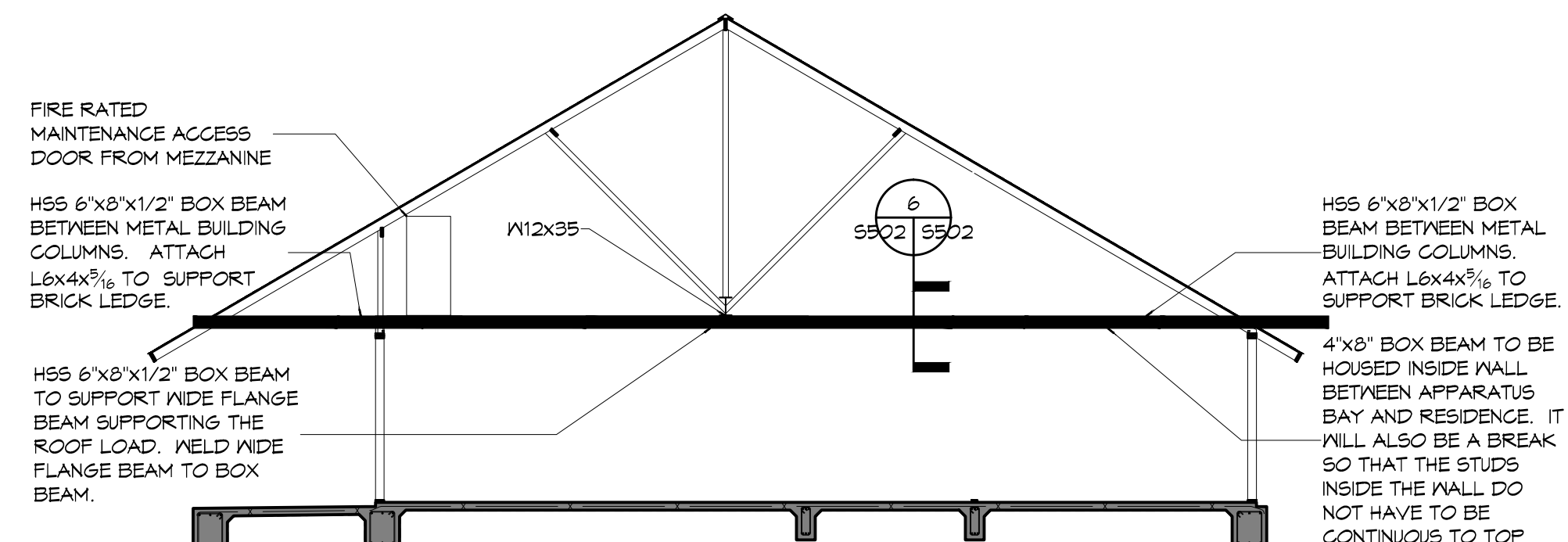
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**5501**

SHEET No: 14 of 36

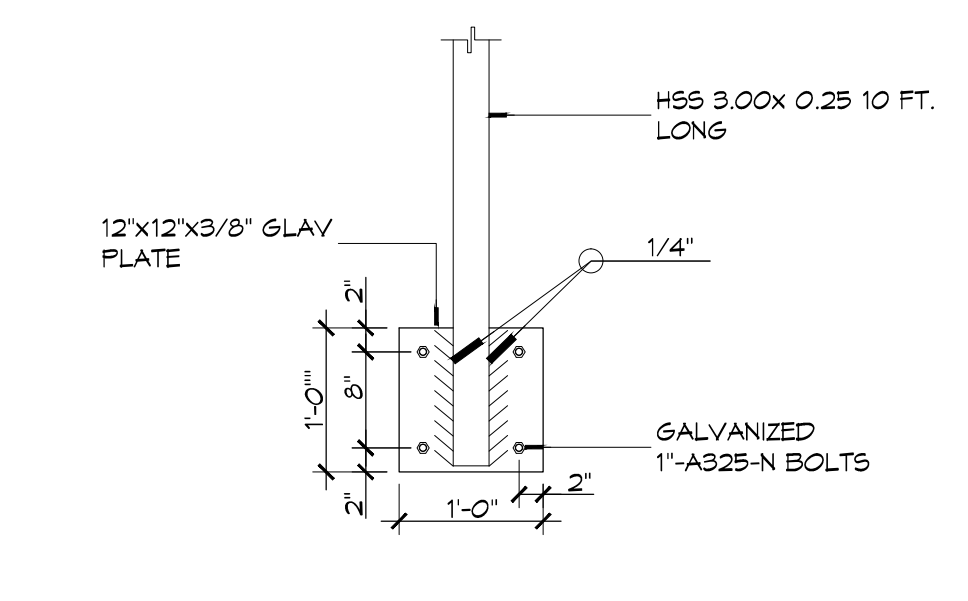
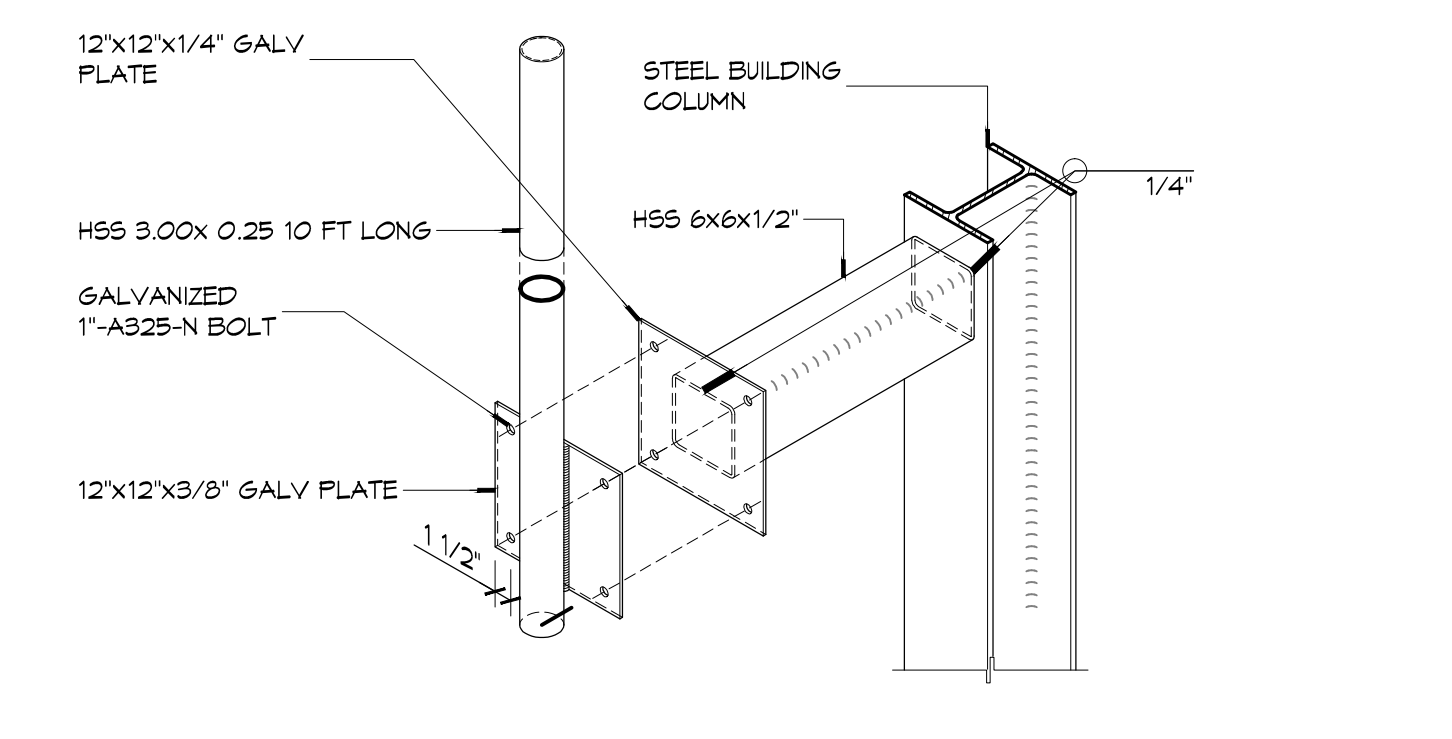
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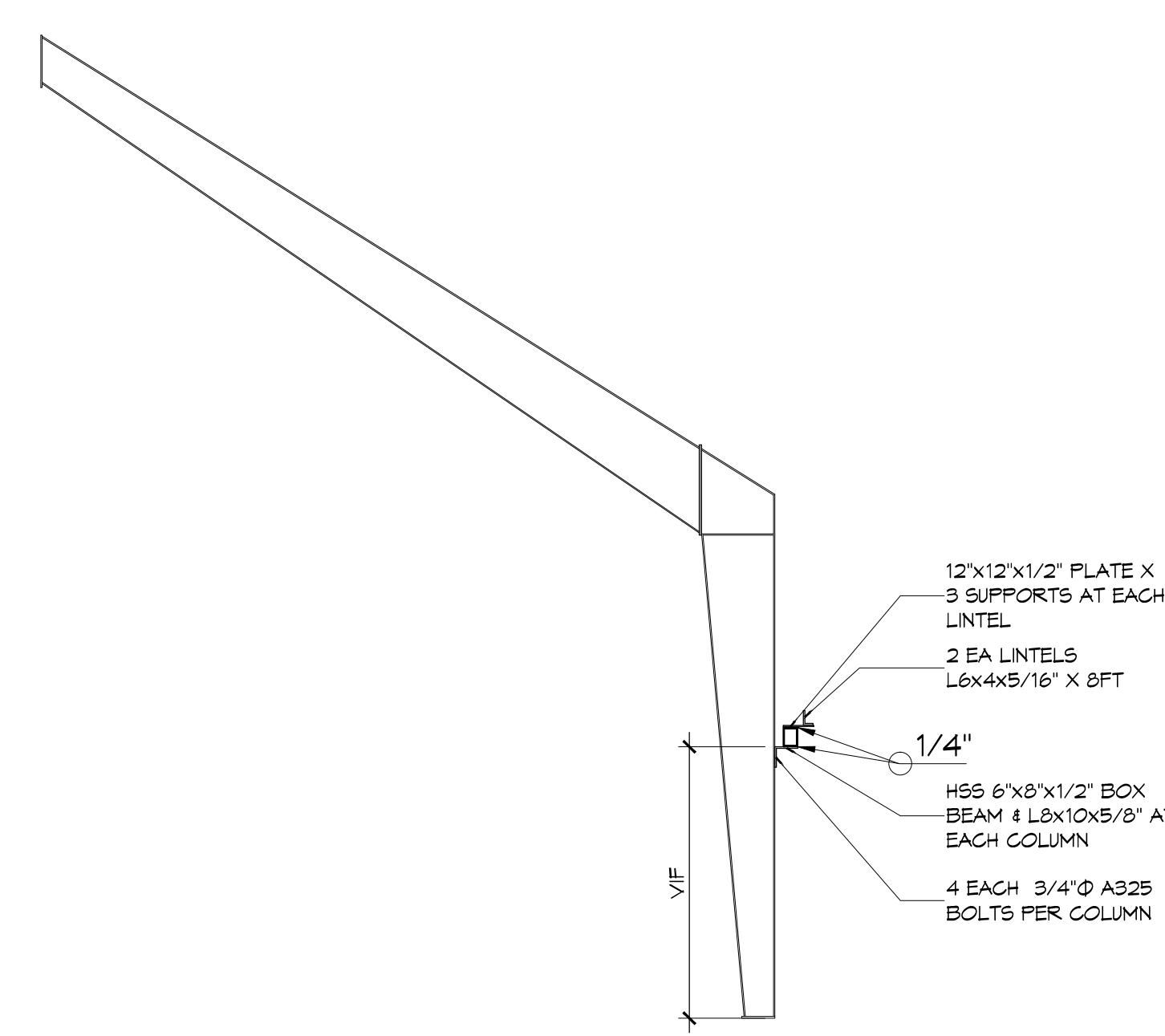
**10 DETAILS**  
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FLITCH BEAM



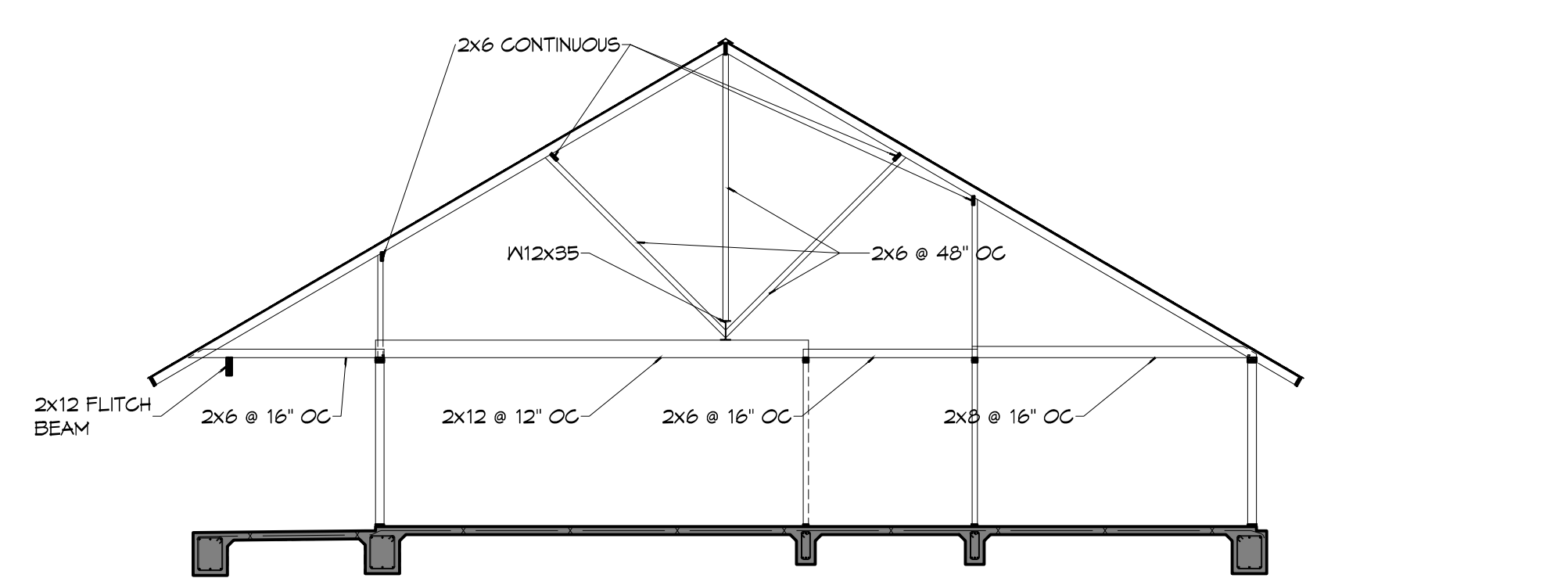
**9 DETAIL**  
SCALE: NTS  
RESIDENCE DETAIL AT APPARATUS BAY WALL



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



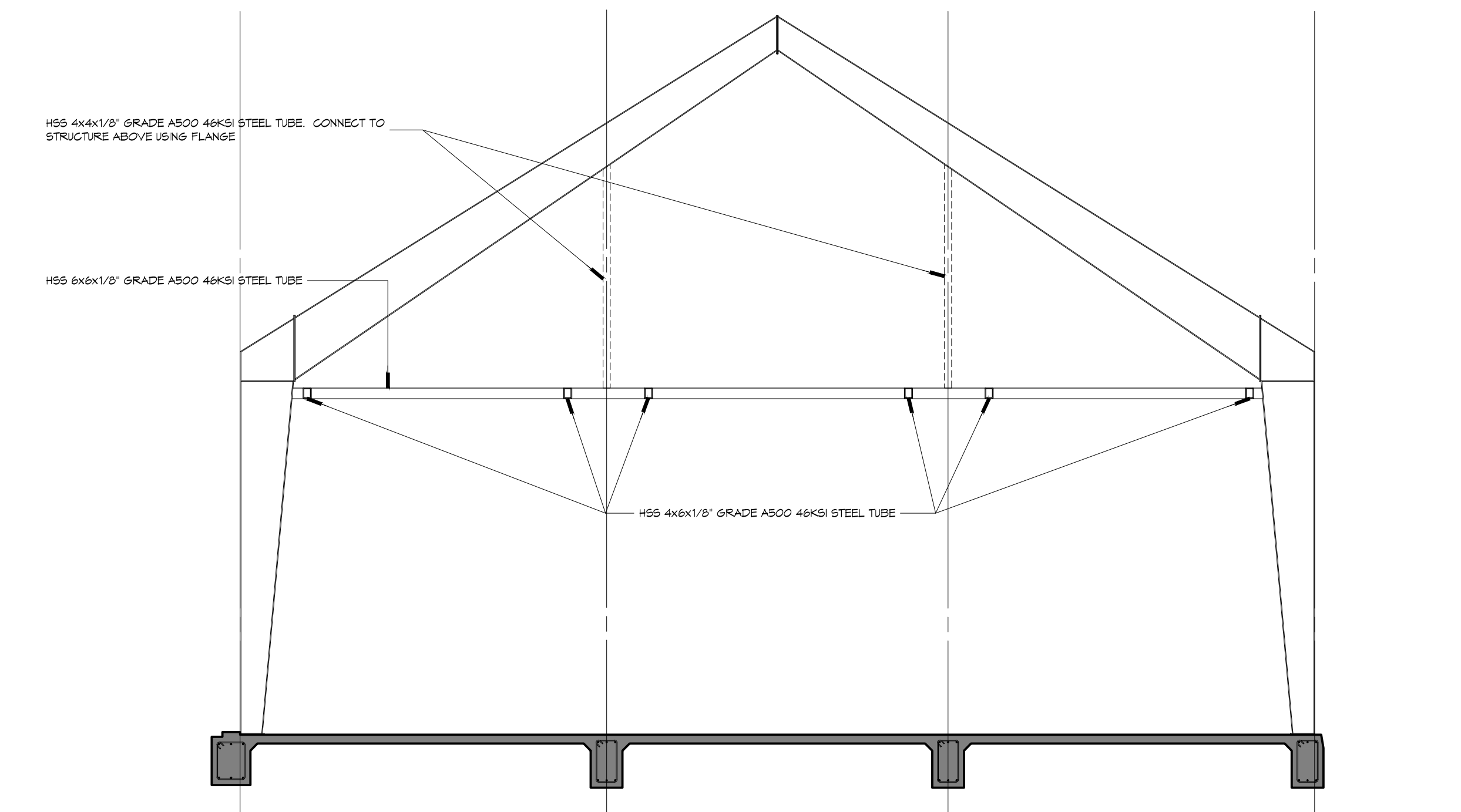
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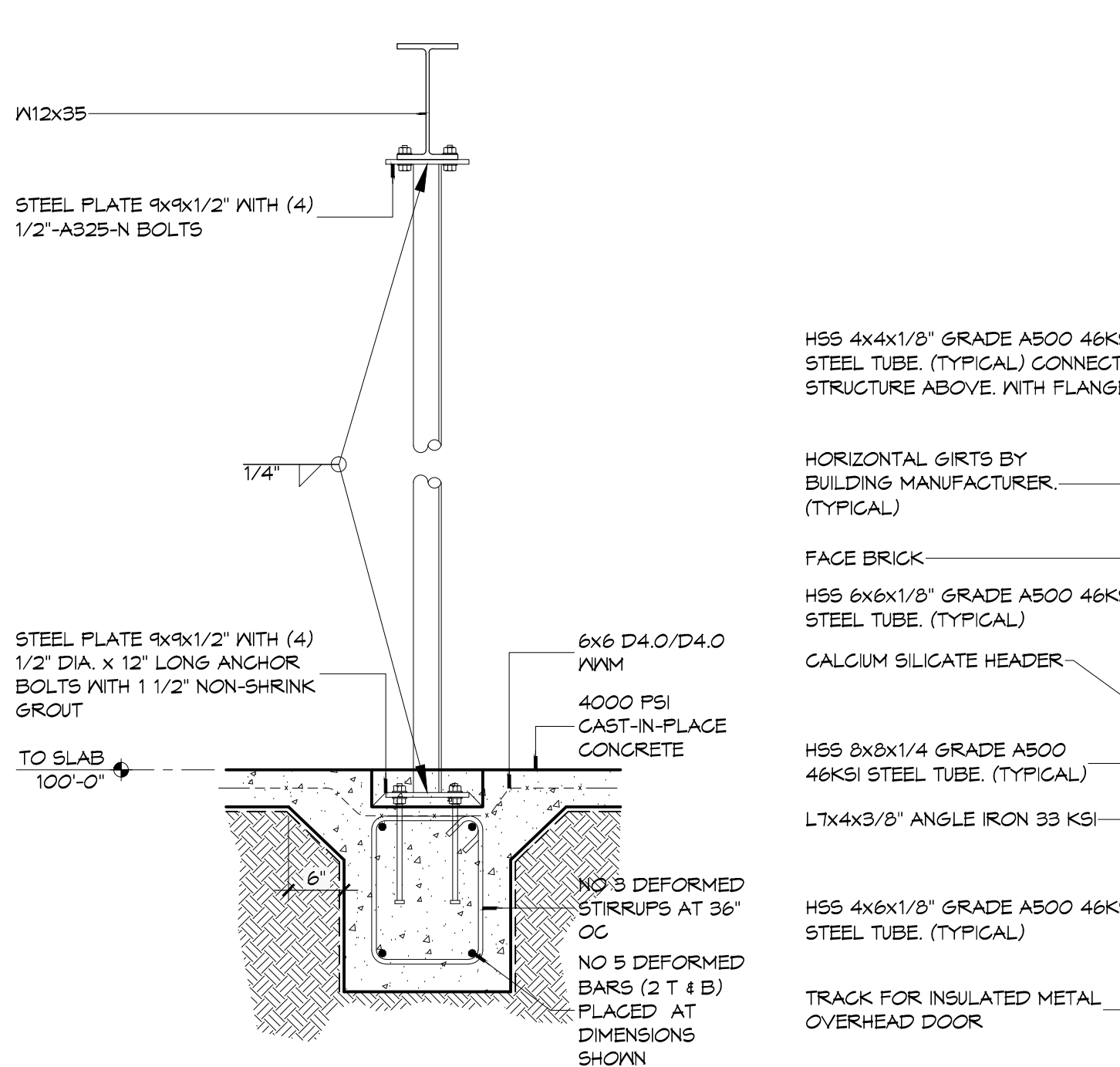
**7 DETAIL**  
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RESIDENCE DETAIL



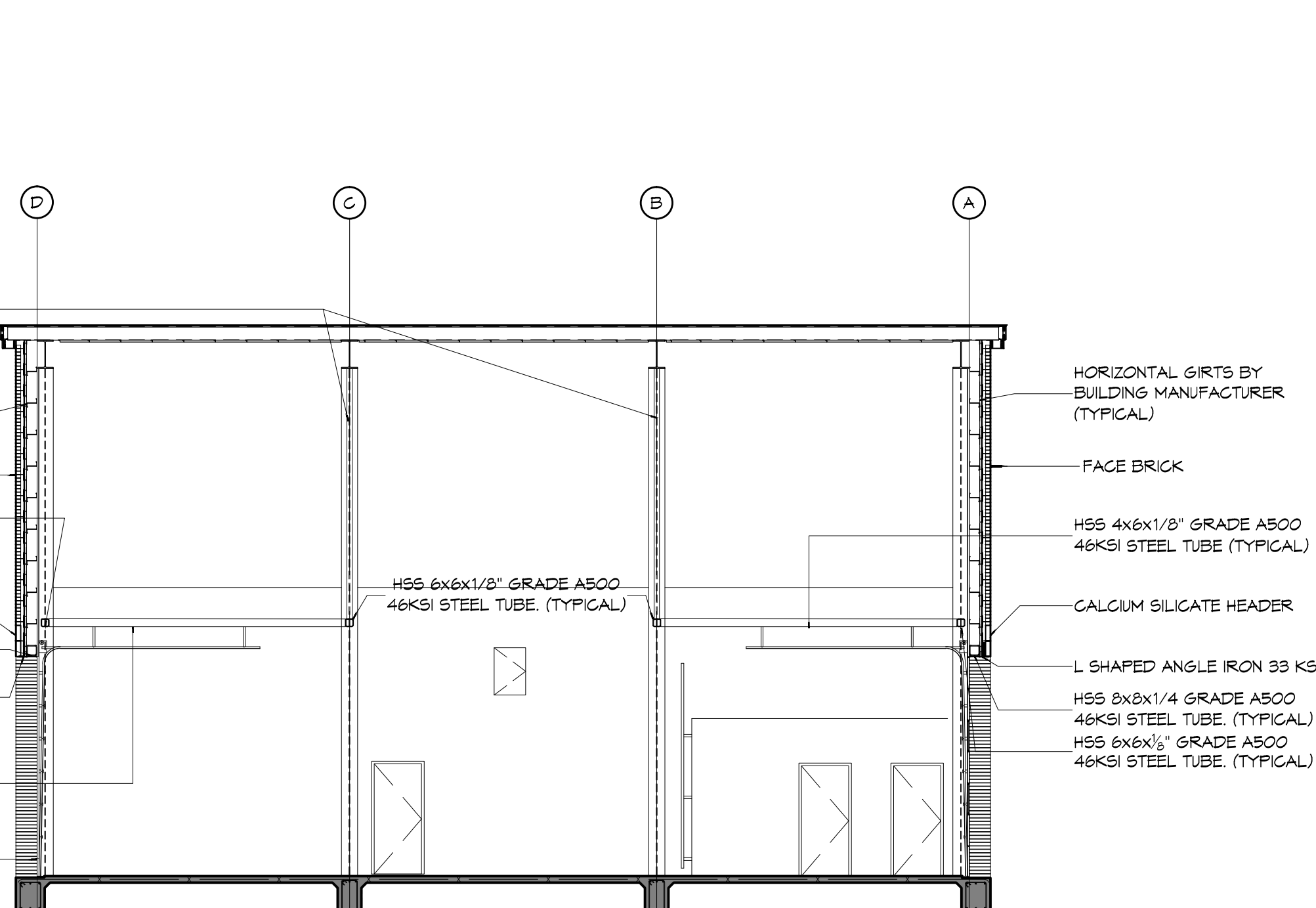
**5 DETAILS**  
SCALE: NTS  
OVERHEAD DOOR STRUCTURE DETAILS



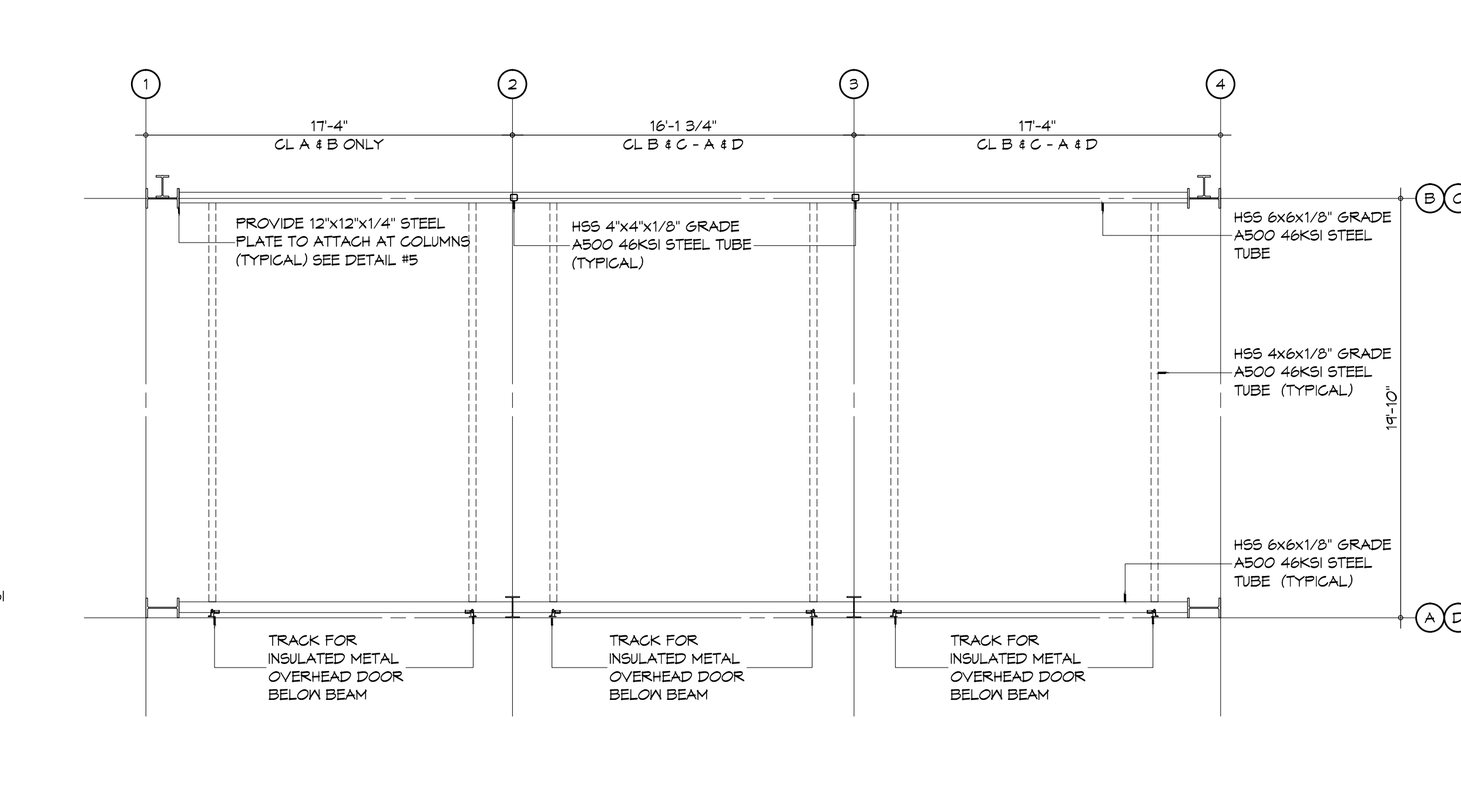
**4 DETAIL**  
SCALE: 3/16" = 1'-0"  
OVERHEAD DOOR STRUCTURE ELEVATION



**3 DETAIL**  
SCALE: NTS  
PIPE COLUMN



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



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

**DAMMON**  
ENGINEERING, INC.  
Architects & Engineers  
www.dammonengineering.com  
info@dammonengineering.com  
PH: 985.649.5932  
F: 985.641.5990  
Chief Architect: Kevin J. Kinchen, NCAAB  
Chief Engineer: Brian Wisthen, PE  
554 Old Spanish Trail  
Slidell, LA 70688

#	DESCRIPTION	DATE

SEAL:

ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1  
**FIRE STATION 18**  
6185 AIRPORT ROAD  
SLIDELL, LOUISIANA 70660  
JOB NO: 2224 DATE: APRIL 10, 2015  
DRAWN BY: DPD CHECKED BY: DPD  
SHEET TITLE: STRUCTURAL DETAILS  
DRAWING NUMBER:  
**S502**  
SHEET No: 15 of 36

**TABLE S601.7 - UPLIFT CONNECTIONS - 155 MPH WINDS EXP "C"**  
WFCM 2015 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	407	242	152R	4
WALL ASSEMBLY TO FOUNDATION	16" OC	16	224	214	436	4

**TABLE S601.8 - SILL OR BOTTOM PLATE TO FOUNDATION CONNECTIONS RESISTING UPLIFT LOADS - 155 MPH WIND EXP "C"**  
WFCM 2015 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 - 155 MPH WIND EXP "C"**  
WFCM 2015 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 2015 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
	14	2	1	1	1	3	2	2	2	4	3	3	2
	16	2	2	1	1	3	2	2	2	4	3	3	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
	14	3	2	2	2	6	4	4	3	8	5	5	4
	16	4	3	2	2	6	4	4	3	9	6	6	5

HEADER WIDTH - 3" (2-2x), 4.5" (3-2x), 5", 6.5" (4-2x) EACH 1/2" PLYWOOD SPACER BETWEEN

**TABLE S601.6 - JACK STUD REQ - EXTERIOR LOADBEARING WALLS**  
WFCM 2015 TABLE 3.22F

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

HEADER WIDTH - 3" (2-2x), 4.5" (3-2x), 5", 6.5" (4-2x) EACH 1/2" PLYWOOD SPACER BETWEEN

**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

155 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 2015 TABLE 3.1

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

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

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

SEAL:

**GENERAL UPLIFT CONNECTION NOTES**

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

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

**WALL ASSEMBLY TO FOUNDATION:**  
FIRST FLOOR WALL STUDS SHALL BE CONNECTED TO THE FOUNDATION, SILL PLATE, OR BOTTOM PLATE. A MINIMUM OF A 1-1/4" x 20 GA. ASTM A653 GRADE 33 STEEL STRAP SHALL BE NAILED TO THE WALL STUDS AND HAVE A MINIMUM EMBEDMENT OF 1 INCHES IN CONCRETE FOUNDATIONS AND SLABS-ON-GRADE. 15 INCHES IN MASONRY BLOCK FOUNDATIONS, OR BE LAPPED UNDER THE BOTTOM PLATE. 3 INCH SQUARE WASHERS SHALL BE USED ON THE ANCHOR BOLTS AND ANCHOR BOLT SPACINGS SHALL NOT EXCEED THE REQUIREMENTS. STEEL STRAPS EMBEDDED IN OR IN CONTACT WITH SLAB-ON-GRADE OR MASONRY BLOCK FOUNDATIONS SHALL BE HOT-DIPPED GALV. AFTER FABRICATION, OR MANUF. FROM 6185 OR 2450 GALV. STL. CONNECTIONS SHALL BE IN ACCORDANCE WITH TABLE S601.12.

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

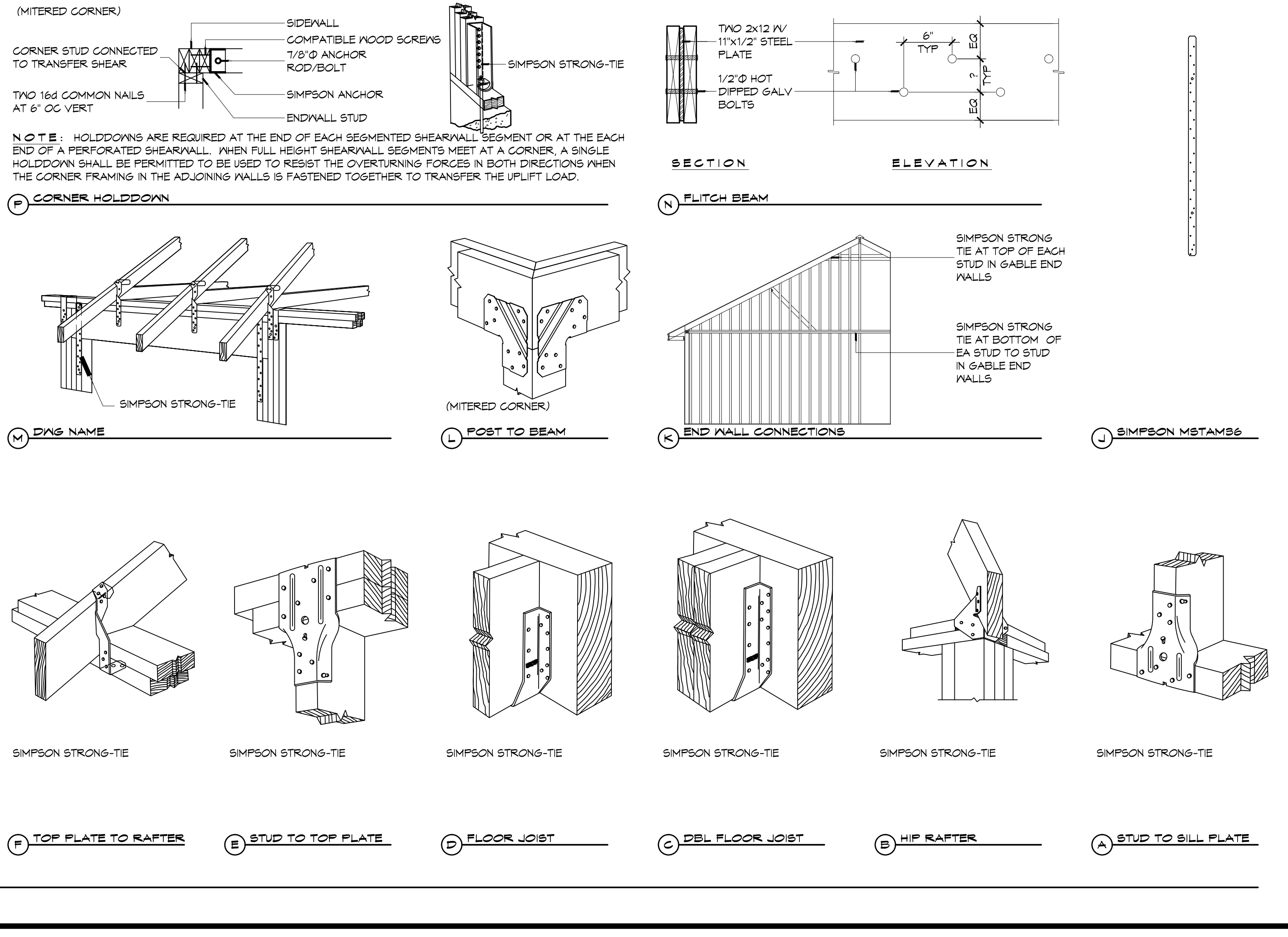
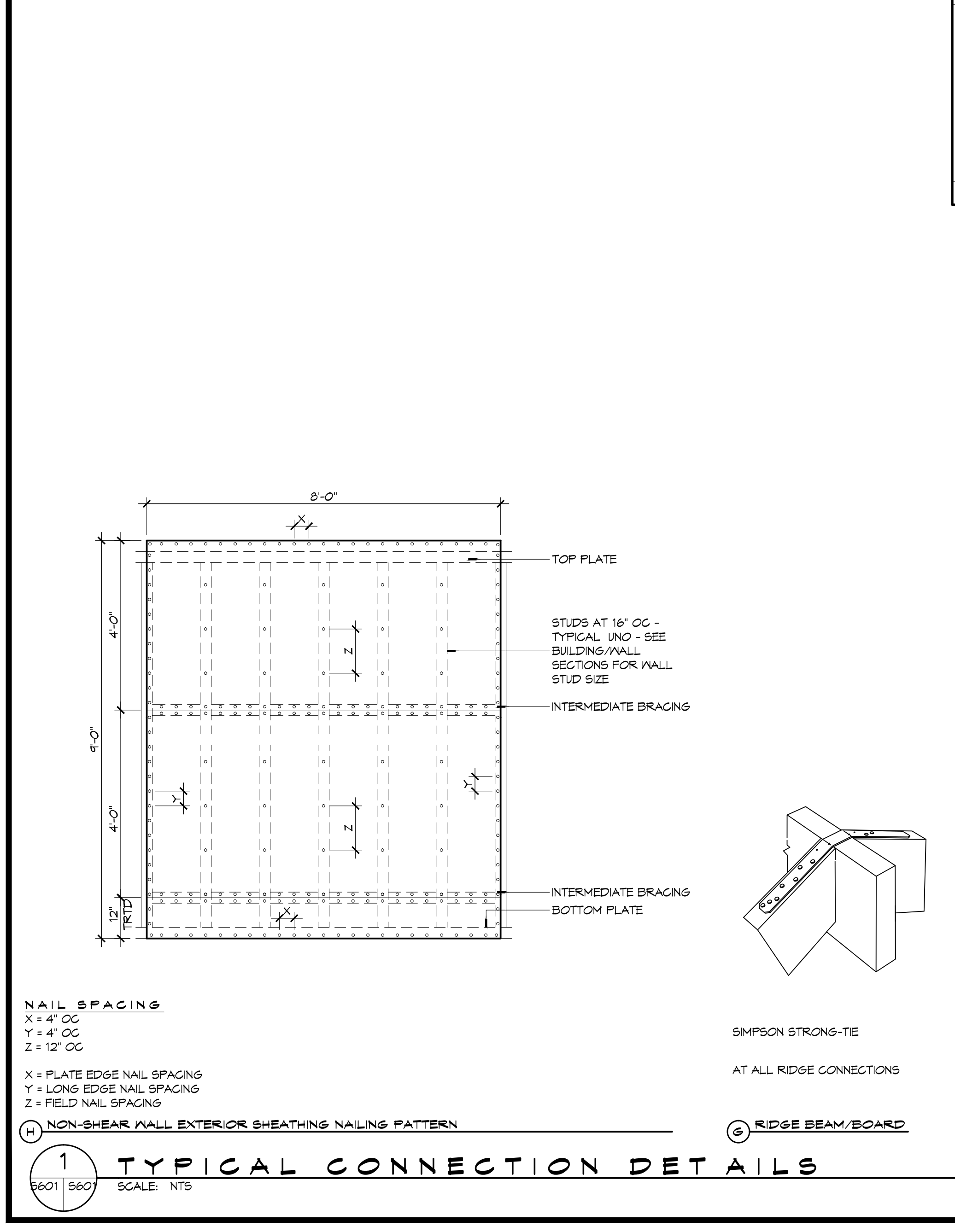
SHEATHING LOCATION	RAFTER / TRUSS SPACING	MAX NAIL SPACING FOR 8d COMMON NAILS OR 10d BOX NAILS (INCHES OC)	
		E	F
INTERIOR ZONE	12" OC	6	12
	16" OC	6	12
	24" OC	6	6
PERIMETER EDGE ZONE	12" OC	6	6
	16" OC	4	4
	24" OC	3	3

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

**TABLE S601.1 - 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

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



**DAMMON ENGINEERING, INC.**  
Architects & Engineers  
www.dammonengineering.com  
info@dammonengineering.com  
PH: 985.649.5832  
F: 985.641.1590

Chief Architect: Kevin J. Kinchen, NCAAB  
Chief Engineer: Brian Wistich, PE  
554 Old Spanish Trail  
Slidell, LA 70458

DATE: \_\_\_\_\_  
REVISIONS: \_\_\_\_\_  
# DESCRIPTION: \_\_\_\_\_  
SEAL: \_\_\_\_\_

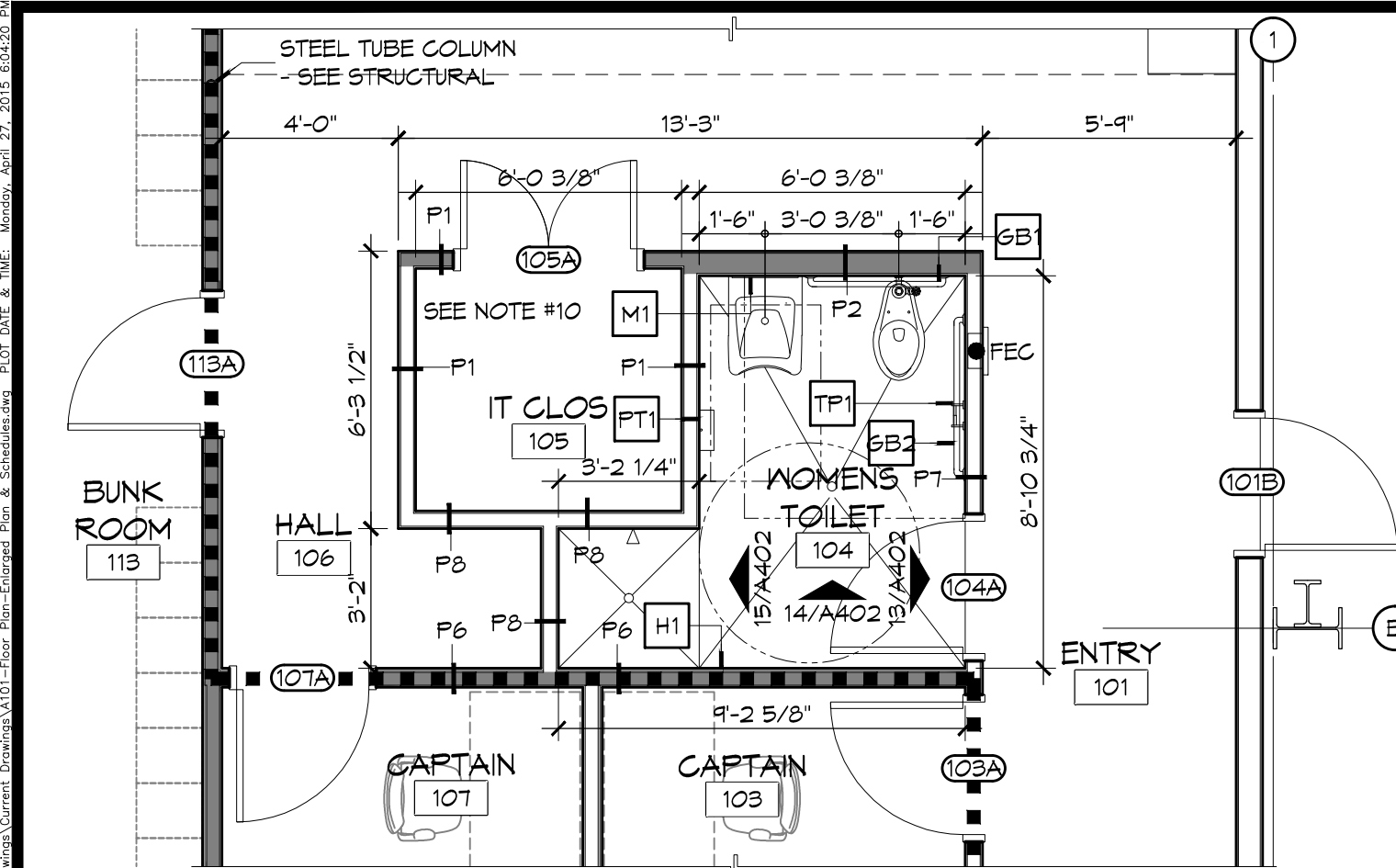
ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1  
**FIRE STATION 18**

6185 AIRPORT ROAD  
SLIDELL, LOUISIANA 70458  
JOB NO: 2224  
DATE: APRIL 10, 2015  
DRAWN BY: DD/KJK  
CHECKED BY: CKD

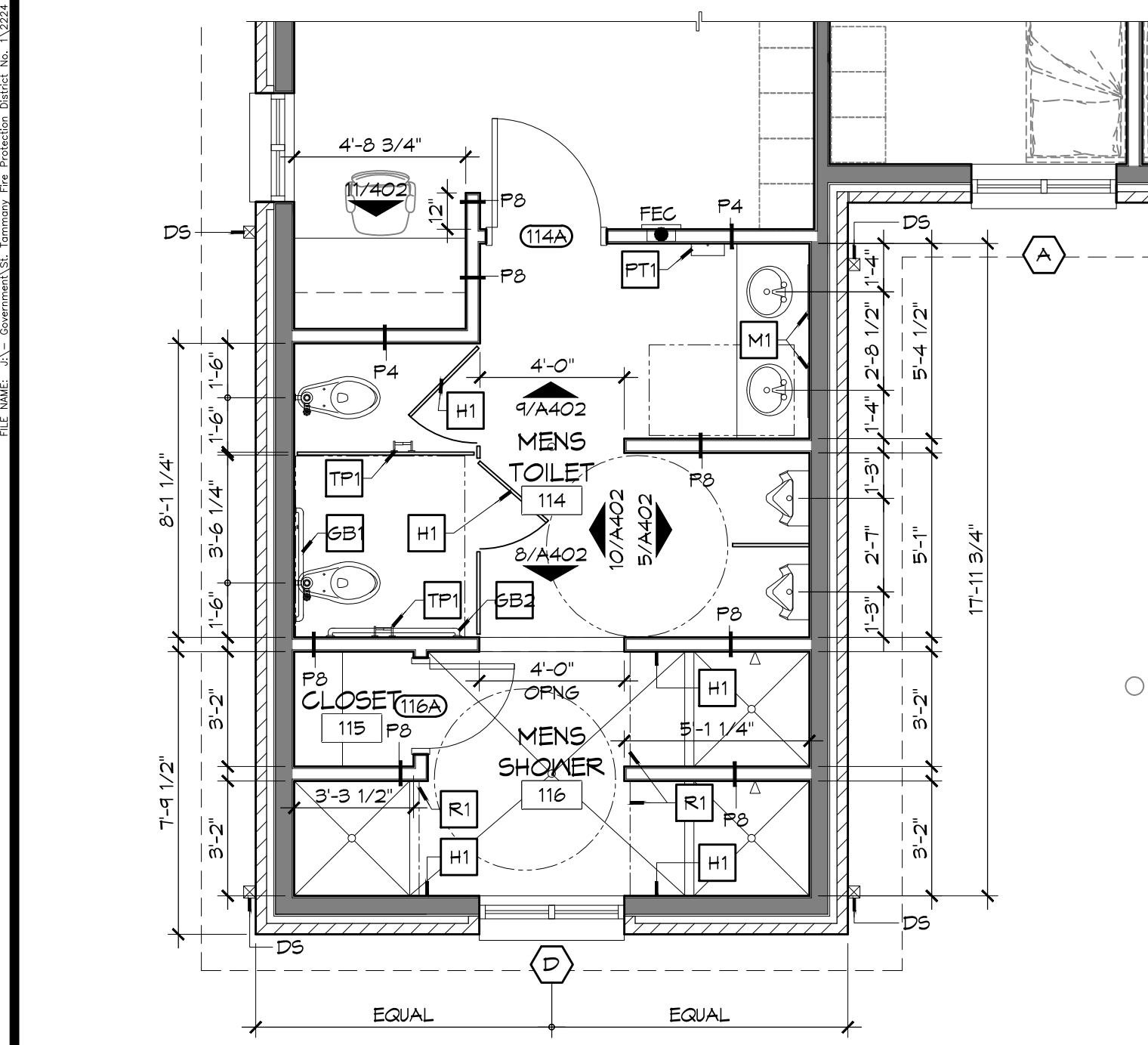
SHEET TITLE:  
TYPICAL CONNECTION  
DETAILS, SCHEDULES, AND  
NOTES

DRAWING NUMBER:  
**S601**

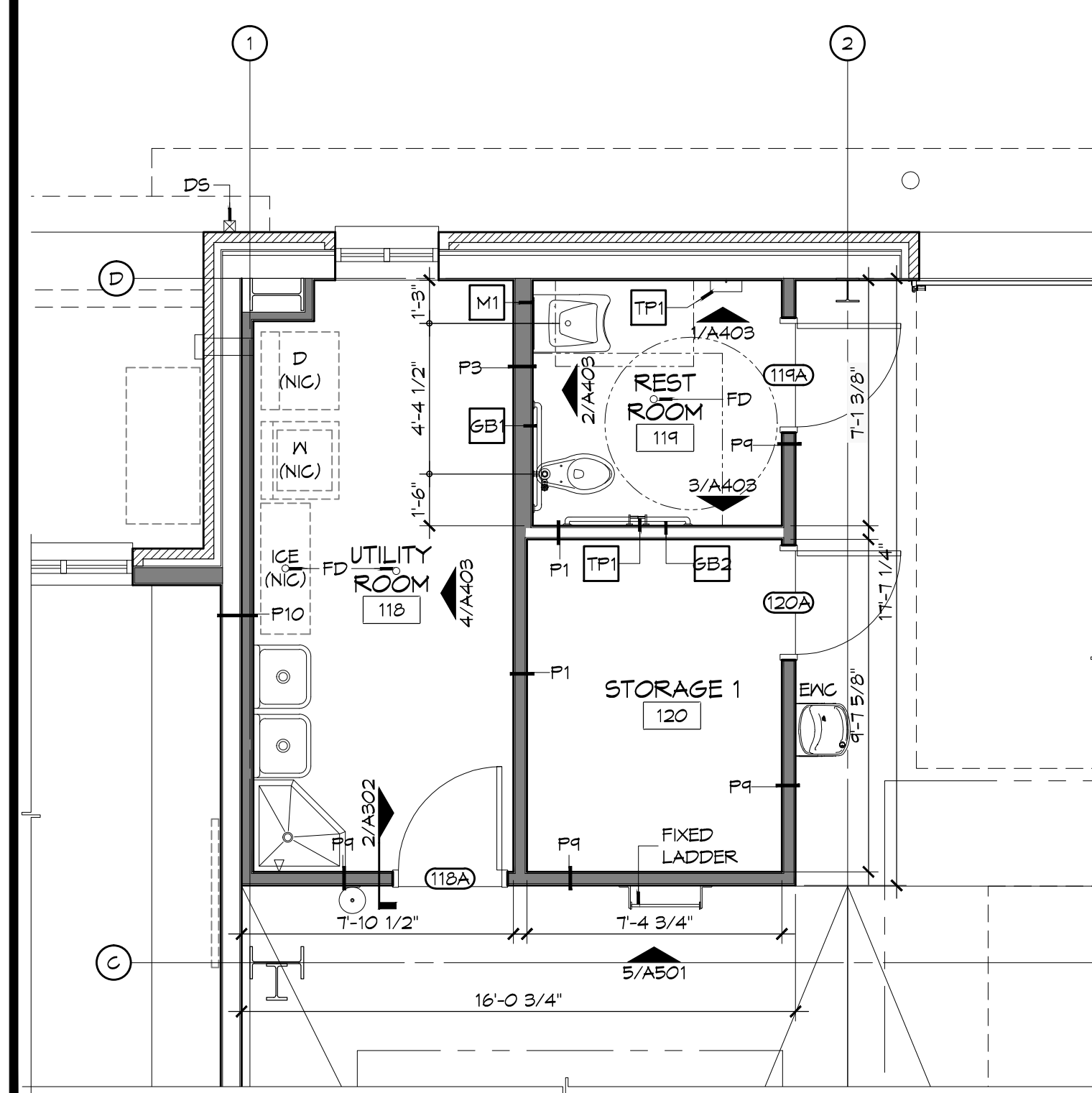
SHEET No: 16 of 36



**4 ENLARGED FLOOR PLAN**  
SCALE: 1/4" = 1'-0"  
WOMENS TOILET & IT CLOSET



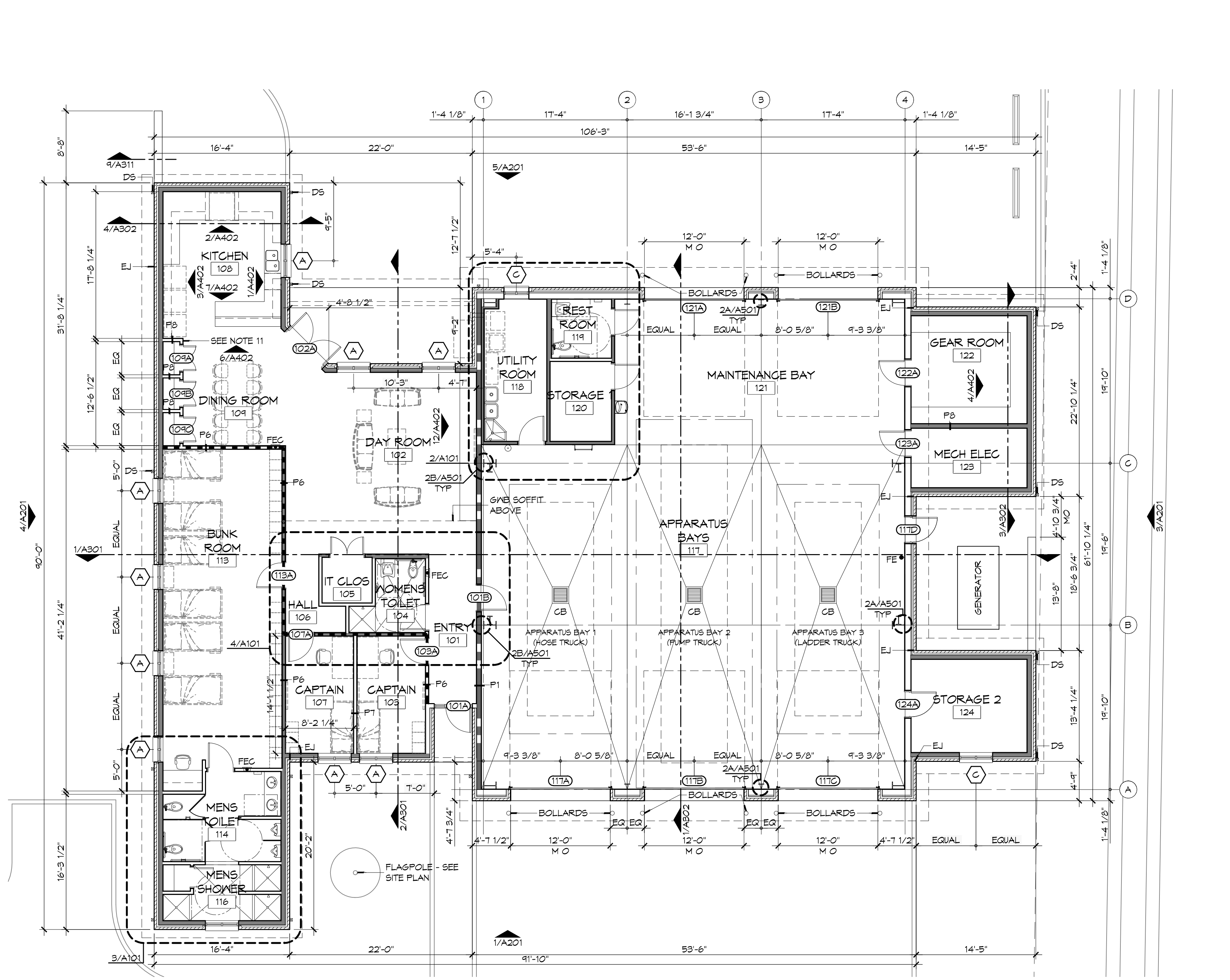
**3 ENLARGED FLOOR PLAN**  
SCALE: 1/4" = 1'-0"  
MENS TOILET



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

ROOM	RM #	FLOOR	BASE	WALLS				CEILING	NOTES
				NORTH	EAST	SOUTH	WEST		
ENTRY	101	POLISHED CONC	4" RUBBER	5/8" G&B	5/8" G&B	5/8" G&B	5/8" G&B	5/8" G&B	* LEVEL 3 - SEMI POLISHED
DAY ROOM	102	POLISHED CONC	4" RUBBER	5/8" G&B	5/8" G&B	5/8" G&B	5/8" G&B	5/8" G&B	* LEVEL 3 - SEMI POLISHED
CAPTAIN	103	POLISHED CONC	4" RUBBER	5/8" G&B	5/8" G&B	5/8" G&B	5/8" G&B	5/8" G&B	* LEVEL 3 - SEMI POLISHED
WOMENS TOILET	104	TILE	TILE	5/8" MR G&B	5/8" MR G&B	5/8" MR G&B	5/8" MR G&B	5/8" MR G&B	
IT CLOSET	105	POLISHED CONC	4" RUBBER	5/8" G&B	5/8" G&B	5/8" G&B	5/8" G&B	5/8" G&B	* LEVEL 3 - SEMI POLISHED
HALL	106	POLISHED CONC	4" RUBBER	5/8" G&B	5/8" G&B	5/8" G&B	5/8" G&B	5/8" G&B	* LEVEL 3 - SEMI POLISHED
CAPTAIN	107	POLISHED CONC	4" RUBBER	5/8" G&B	5/8" G&B	5/8" G&B	5/8" G&B	5/8" G&B	* LEVEL 3 - SEMI POLISHED
KITCHEN	108	POLISHED CONC	4" RUBBER	5/8" G&B	5/8" G&B	5/8" G&B	5/8" G&B	5/8" G&B	* LEVEL 3 - SEMI POLISHED
DINING ROOM	109	POLISHED CONC	4" RUBBER	5/8" G&B	5/8" G&B	5/8" G&B	5/8" G&B	5/8" G&B	* LEVEL 3 - SEMI POLISHED
PANTRY	110	POLISHED CONC	4" RUBBER	5/8" G&B	5/8" G&B	5/8" G&B	5/8" G&B	5/8" G&B	* LEVEL 3 - SEMI POLISHED
PANTRY	111	POLISHED CONC	4" RUBBER	5/8" G&B	5/8" G&B	5/8" G&B	5/8" G&B	5/8" G&B	* LEVEL 3 - SEMI POLISHED
PANTRY	112	POLISHED CONC	4" RUBBER	5/8" G&B	5/8" G&B	5/8" G&B	5/8" G&B	5/8" G&B	* LEVEL 3 - SEMI POLISHED
BUNK ROOM	113	POLISHED CONC	4" RUBBER	5/8" G&B	5/8" G&B	5/8" G&B	5/8" G&B	5/8" G&B	* LEVEL 3 - SEMI POLISHED
MENS TOILET	114	TILE	TILE	5/8" MR G&B	5/8" MR G&B	5/8" MR G&B	5/8" MR G&B	5/8" MR G&B	
CLOSET	115	TILE	TILE	5/8" MR G&B	5/8" MR G&B	5/8" MR G&B	5/8" MR G&B	5/8" MR G&B	
MENS SHOWER	116	TILE	TILE	5/8" MR G&B	5/8" MR G&B	5/8" MR G&B	5/8" MR G&B	5/8" MR G&B	
APPARATUS BAYS	117	POLISHED CONC	4" CEMENTITIOUS	MTL LINER PANEL	MTL LINER PANEL	MTL LINER PANEL	MTL LINER PANEL	MTL LINER PANEL	* LEVEL 2 - HONED
UTILITY ROOM	118	POLISHED CONC	4" RUBBER	5/8" MR G&B	5/8" MR G&B	5/8" MR G&B	5/8" MR G&B	5/8" MR G&B	* LEVEL 2 - HONED
RESTROOM	119	POLISHED CONC	TILE	5/8" MR G&B	5/8" MR G&B	5/8" MR G&B	5/8" MR G&B	5/8" MR G&B	* LEVEL 2 - HONED
STORAGE 1	120	SEALED CONC	4" RUBBER	5/8" MR G&B	5/8" MR G&B	5/8" MR G&B	5/8" MR G&B	5/8" MR G&B	
MAINTENANCE BAY	121	POLISHED CONC	4" CEMENTITIOUS	MTL LINER PANEL	MTL LINER PANEL	MTL LINER PANEL	MTL LINER PANEL	MTL LINER PANEL	* LEVEL 2 - HONED
MECH/ELEC	122	SEALED CONC	4" RUBBER	5/8" MR G&B	5/8" MR G&B	5/8" MR G&B	5/8" MR G&B	5/8" MR G&B	
GEAR ROOM	123	SEALED CONC	4" RUBBER	5/8" MR G&B	5/8" MR G&B	5/8" MR G&B	5/8" MR G&B	5/8" MR G&B	
STORAGE 2	124	SEALED CONC	4" RUBBER	5/8" MR G&B	5/8" MR G&B	5/8" MR G&B	5/8" MR G&B	5/8" MR G&B	

NOTE \* - POLISHED CONCRETE FINISH LEVELS BASED ON GUIDELINES ESTABLISHED BY THE CONCRETE POLISHING ASSOCIATION OF AMERICA.



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

**GENERAL SHEET NOTES**

- ALL DIMENSIONS ARE FACE-OF-WALL TO FACE-OF-WALL UNLESS NOTED OTHERWISE.
- ALL PLUMBING FIXTURES, FURNITURE, AND APPLIANCES THAT ARE SHOWN AS GRAYED AND DASHED ARE TO BE OWNER PROVIDED AND NOT IN CONTRACT (NIC) AND ARE SHOWN FOR COORDINATION PURPOSES ONLY. CONTRACTOR TO VERIFY THOSE ITEMS OWNER FURNISHED AND CONTRACTOR INSTALLED (OFCI).
- PROVIDE FIVE MELT-CLAD WOOD SHELVES IN CLOSET 115.
- REFER TO PARTITION TYPES FOR PARTITION THICKNESS WHERE NOT SHOWN ON PLAN.
- ALL MANUFACTURED ARTICLES, MATERIALS, AND EQUIPMENT SHALL BE CONDITIONED, USED APPLIED, INSTALLED, CONNECTED, ERECTED, AND CLEANED IN ACCORDANCE WITH THE MANUFACTURERS WRITTEN SPECIFICATIONS OR INSTRUCTIONS.
- FOR ALL WOOD MEMBERS REQUIRED BY CODE TO BE FIRE RETARDANT TREATED, PROVIDE PRESSURE IMPREGNATION WITH FIRE RETARDANT CHEMICALS TO PROVIDE UL FR5 FIRE HAZARD CLASSIFICATION. ALL WOOD SHALL BE IDENTIFIED WITH A UL LABEL CERTIFYING THIS CLASSIFICATION AND FM DIAMOND.
- GENERAL CONTRACTOR TO PROVIDE FIVE POUND "ABC" RATED FIRE EXTINGUISHER(S) AND/OR CABINET(S) WHERE SHOWN ON THESE PLANS.
- ALL PENETRATIONS OF FIRE RESISTIVE FLOORS OR SHAFT WALLS SHALL BE PROTECTED BY MATERIALS AND INSTALLATION DETAILS THAT CONFORM TO UL STANDARDS FOR THROUGH PENETRATIONS FIRESTOP SYSTEMS. SEAL AROUND ALL PENETRATIONS (DUCTS, PIPES, CONDUITS, ETC) AT FIRE-RATED ASSEMBLIES. SEAL SHALL NOT DIMINISH RATING OF ASSEMBLY. AT CONCRETE, OR MASONRY, SEAL OFF OPENINGS WITH CONCRETE GROUT. AT PLASTER OR DRYWALL, DAM UP GAPS AND FILL WITH UL APPROVED SEALANT OR PUTTY PER MANUFACTURERS RECOMMENDATIONS.
- WRAP AROUND ALL ARCHITECTURAL, MECHANICAL, OR ELECTRICAL BOXES, RECESSED/PENETRATED INTO ANY FIRE-RATED WALLS WITH 5/8" TYPE "X" GYPSUM BOARD UNLESS WALL IS OF CONCRETE CONSTRUCTION.
- PROVIDE 4x8x3/4" BC PLYWOOD ON THREE WALLS FOR ATTACHMENT OF IT EQUIPMENT IN IT CLOSET 105. INSTALL PLYWOOD PANELS VERTICALLY TIGHT TO FINISH CEILING.
- PROVIDE ADEQUATE CLEARANCE FOR KITCHEN HOOD FULL STATION AND CONDUIT. COORDINATE CLEARANCE REQUIREMENT(S) WITH MANUFACTURER'S SHOP DRAWINGS.
- SEE PROJECT SPECIFICATIONS FOR TOILET ACCESSORY HARDWARE SCHEDULE.
- SEE SHEET A201 FOR MASONRY EXPANSION JOINT LOCATIONS NOT SHOWN ON THIS SHEET.

**LEGEND**

- NON-BEARING PARTITION
- LOAD BEARING WALL
- FIRE-RATED PARTITION - SEE PARTITION TYPES AND LIFE SAFETY PLAN FOR DESIGNATED FIRE RATING
- EXTERIOR BEARING WALL WITH MASONRY VENEER
- SMOKE PARTITION - SEE PARTITION TYPES AND LIFE SAFETY PLAN FOR DESIGNATED RATING

**DAMMON**  
ENGINEERING, INC.  
Architects & Engineers  
www.dammonengineering.com  
info@dammonengineering.com  
PH: 985.649.5832  
F: 985.641.5990  
Chief Architect: Kevin J. Kinahan, NCARB  
Civil Engineer: Brian W. Austin, PE  
554 Old Spanish Trail  
Slidell, LA 70588

REVISIONS	DATE

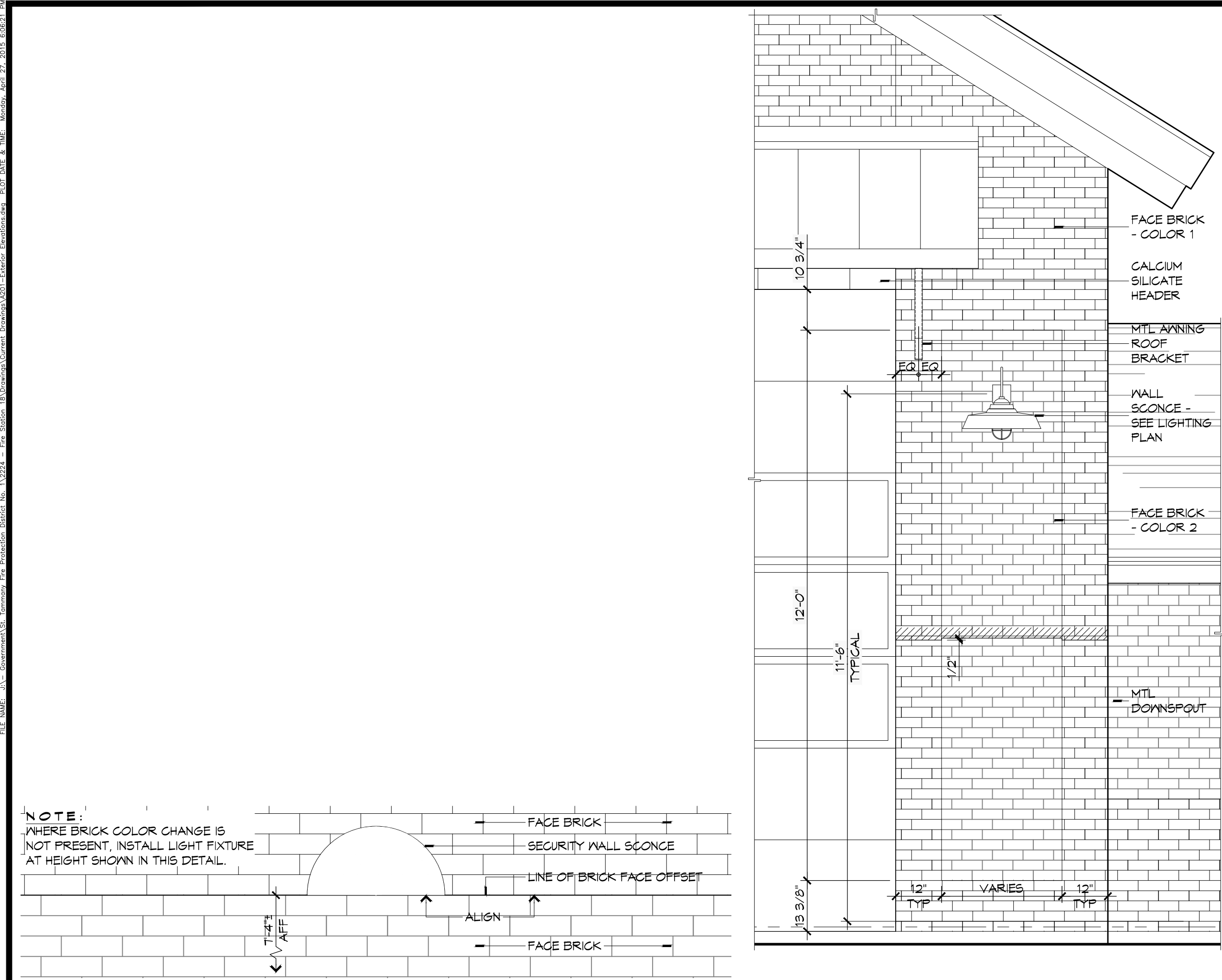
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ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1  
**FIRE STATION 18**  
6195 AIRPORT ROAD  
SLIDELL, LOUISIANA 70460  
JOB No: 2224 DATE: APRIL 10, 2019  
DRAWN BY: K-K CHECKED BY: K-K

SHEET TITLE:  
ARCHITECTURAL FLOOR  
PLAN, DETAIL FLOOR  
PLANS, AND SCHEDULES  
DRAWING NUMBER:  
**A101**  
SHEET No: 17 of 36

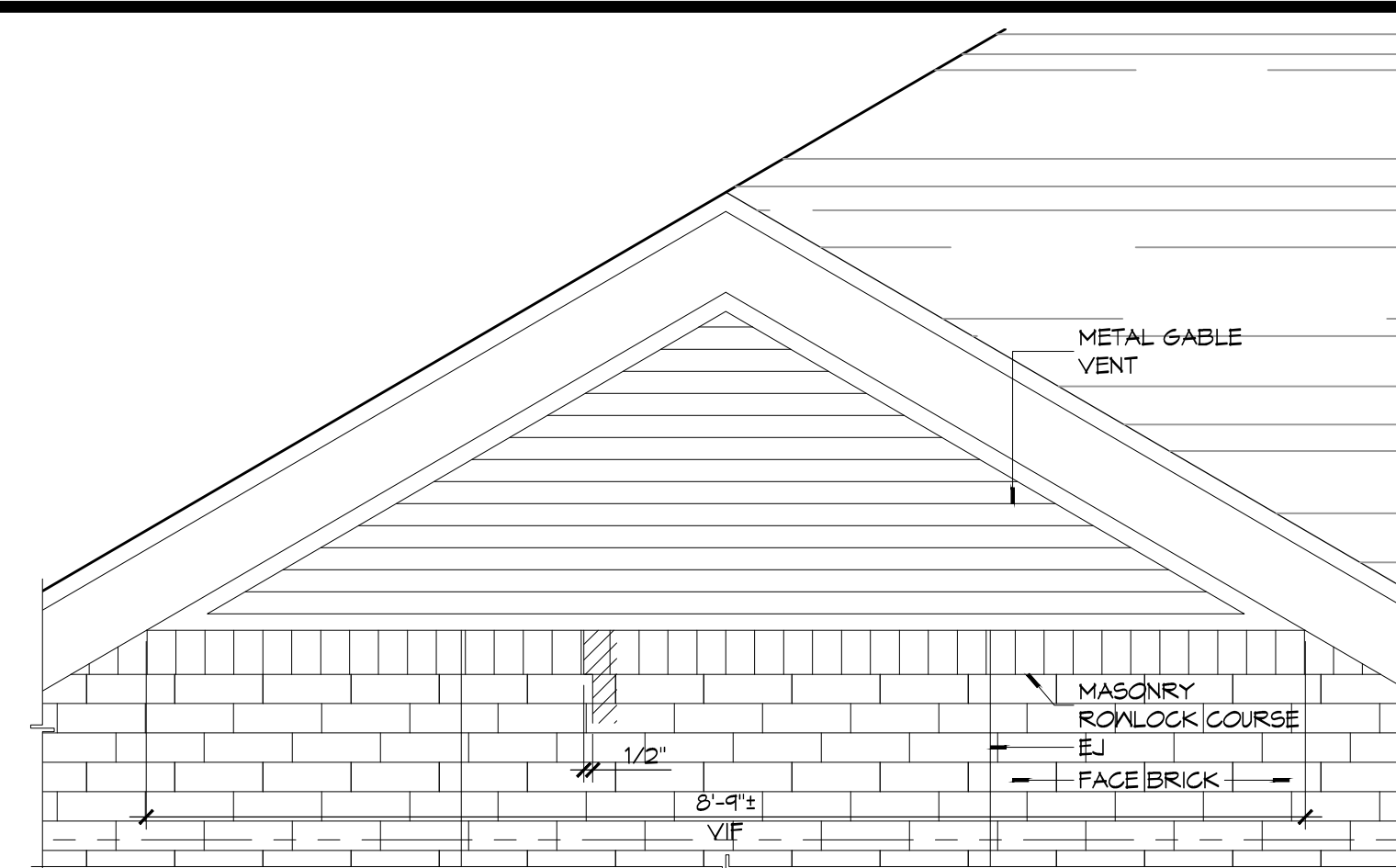


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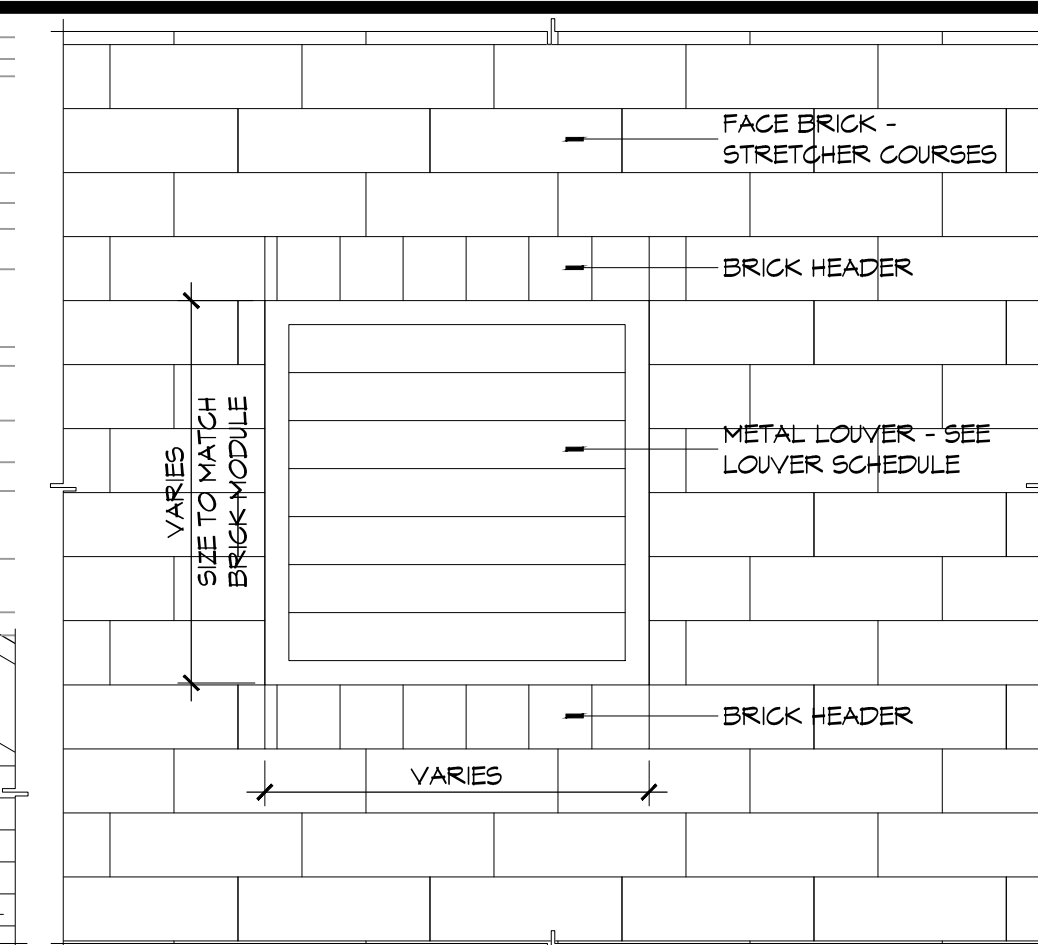


**7 DETAIL ELEVATION**  
SCALE: 1" = 1'-0"  
EXTERIOR WALL SCONCE MOUNTING HEIGHT

**6 DETAIL ELEV**  
SCALE: 1/2" = 1'-0"  
DETAIL AT APPARATUS BAY DOORS

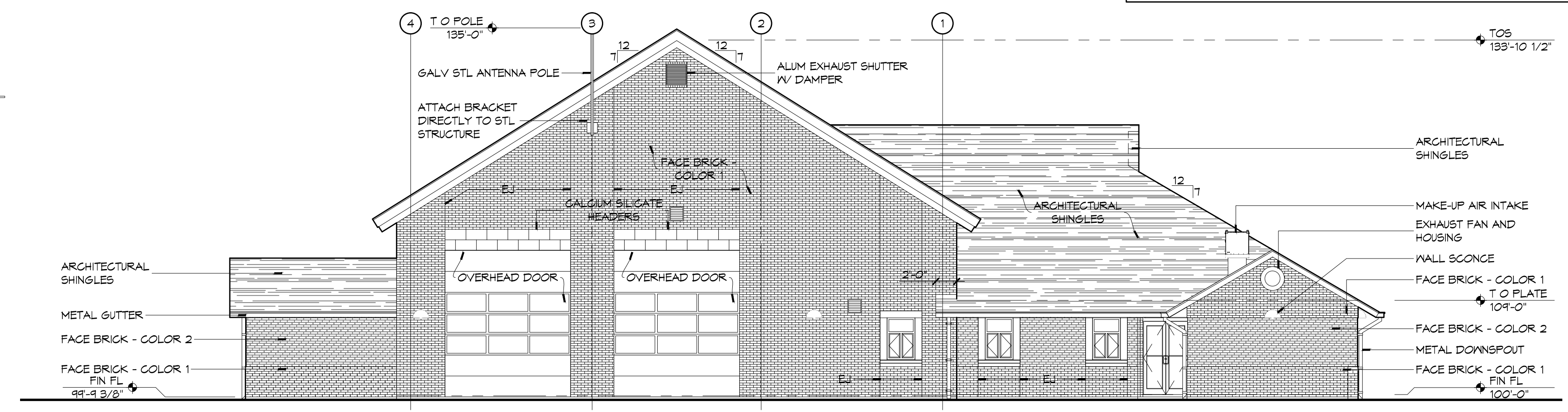


**9 DETAIL ELEVATION**  
SCALE: 3/4" = 1'-0"  
GABLE VENT

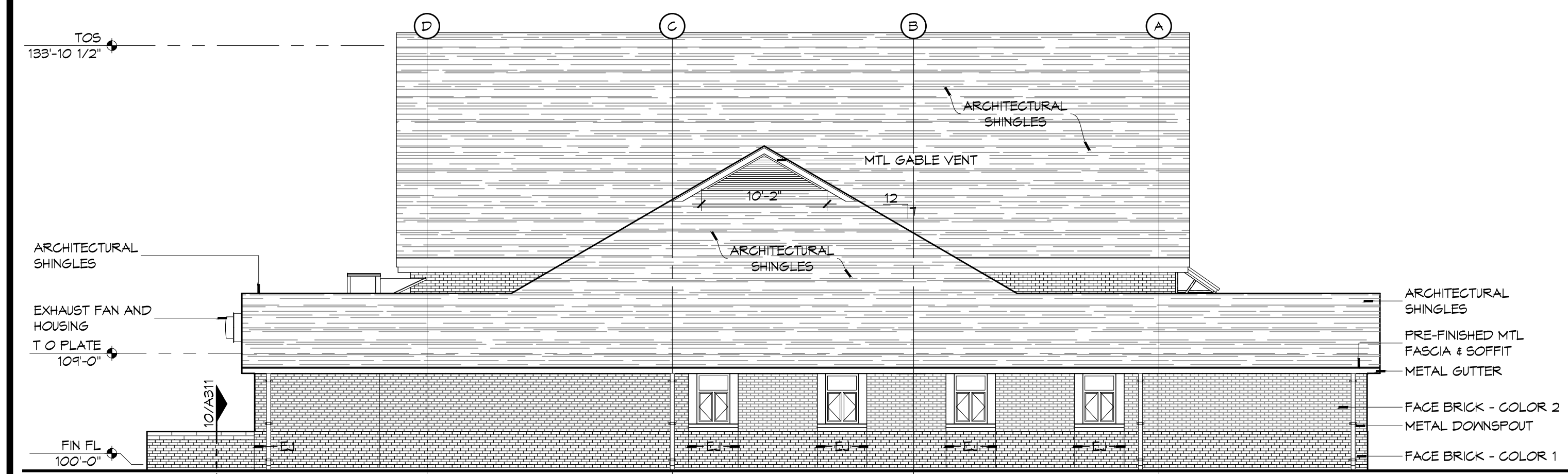


**8 DETAIL ELEV**  
SCALE: NTS  
TYPICAL LOUVER

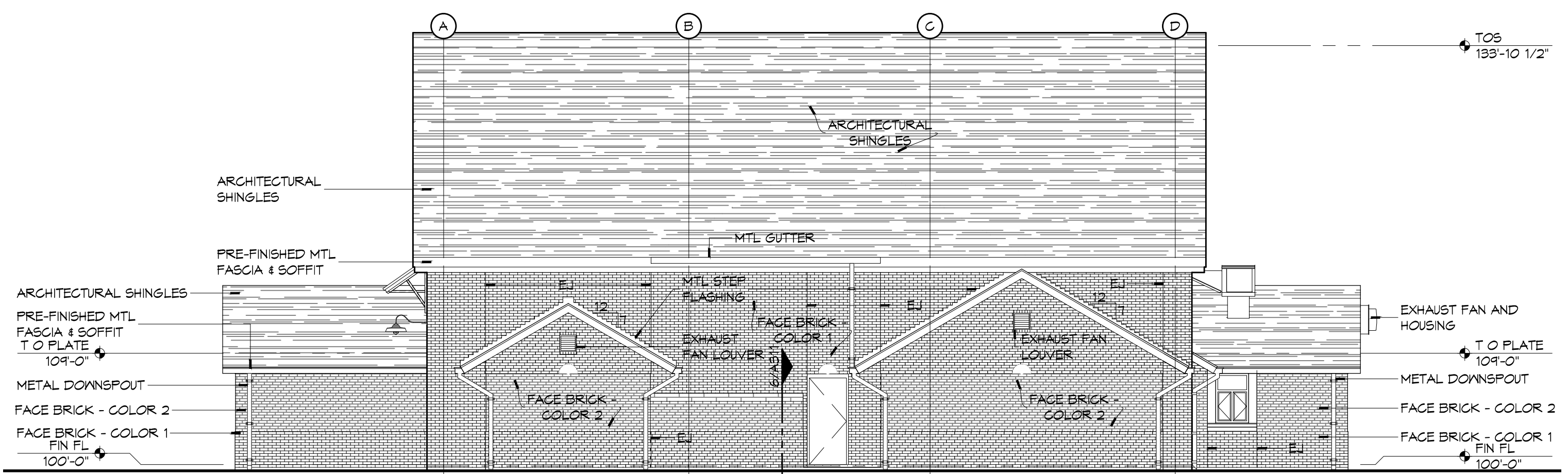
- GENERAL ELEVATION NOTES**
- REFER TO SHEET A101 FOR WINDOW TYPE ELEVATIONS.
  - WINDOW TYPES NOT INDICATED THIS SHEET ARE IDENTIFIED ON SHEET A501.
  - CONTRACTOR SHALL REVIEW LOCATIONS AND INTENT OF ALL MASONRY EXPANSION/CONTROL JOINTS WITH ARCHITECT PRIOR TO CONSTRUCTION. REFER TO ELEVATIONS FOR INDICATED JOINT LOCATIONS.
  - SEE 8/A501 FOR TYPICAL MASONRY EXPANSION JOINT DETAILS.
  - MASONRY DIMENSIONS ARE NOMINAL.
  - ALL FLASHING SHALL BE DONE IN STRICT ACCORDANCE WITH THE FLASHING MANUFACTURER'S PUBLISHED SPECIFICATIONS AND DETAILS. THIS TO INCLUDE AMOUNT OF OVERLAP AND INSTALLATION OF DRIP EDGES, IF REQUIRED.
  - LINE OF FINISH GRADE ON EXTERIOR ELEVATIONS IS APPROXIMATE AND ARE INTENDED FOR REFERENCE PURPOSES ONLY. REFER TO CIVIL GRADING PLAN FOR FINISH GRADE ELEVATIONS.
  - SEE SHEET A101 FOR EXPANSION JOINTS (EJ) IN HIDDEN LOCATIONS AND NOT SHOWN ON THIS SHEET.



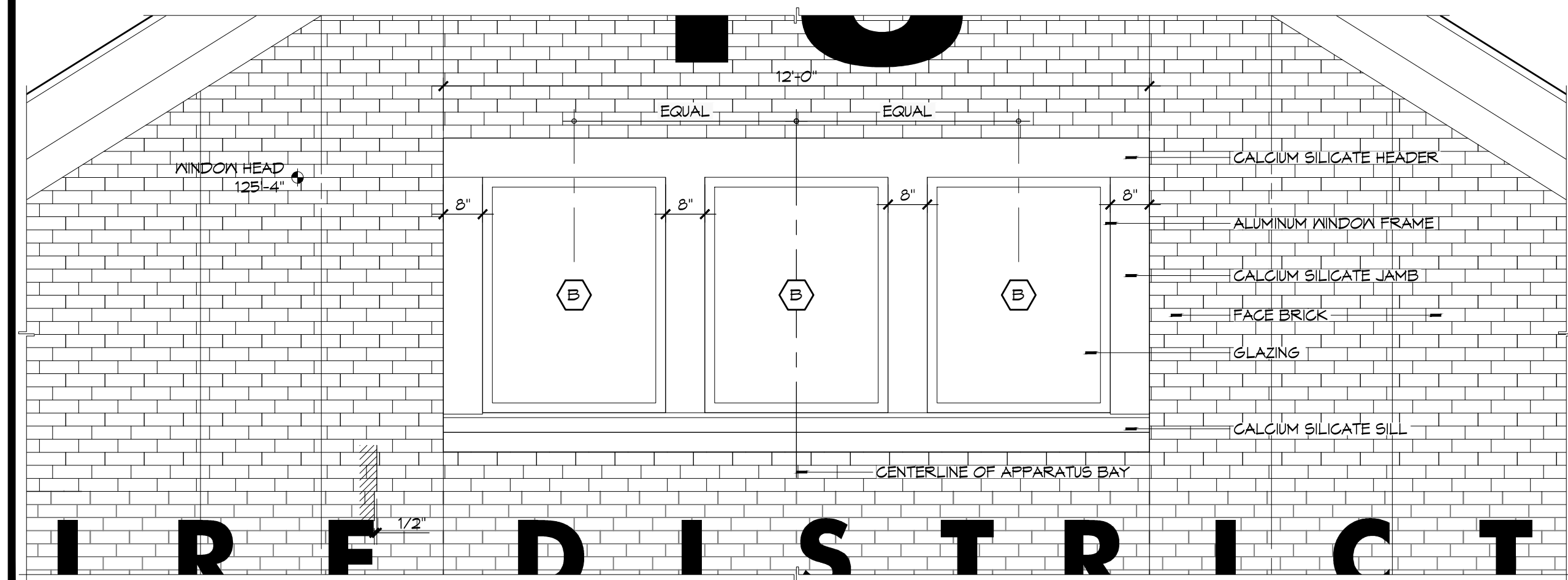
**5 EXTERIOR ELEVATION**  
SCALE: 1/8" = 1'-0"  
WEST



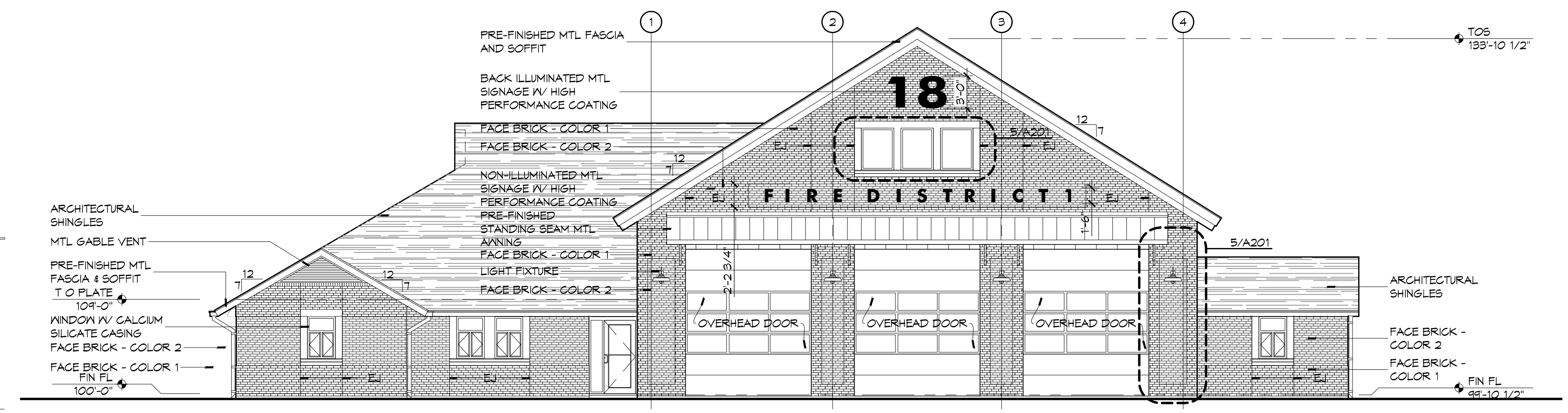
**4 EXTERIOR ELEVATION**  
SCALE: 1/8" = 1'-0"  
NORTH



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



**2 DETAIL ELEVATION**  
SCALE: 1/2" = 1'-0"  
CLEARSTORY WINDOWS AT APPARATUS BAY



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

**DAMMON**  
 ENGINEERING, INC.  
 Architects & Engineers  
 www.dammonengineering.com  
 info@dammonengineering.com  
 PH: 985.649.5832  
 F: 985.641.5990  
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 554 Old Spanish Trail  
 Slidell, LA 70568

#	DESCRIPTION	REVISIONS	DATE

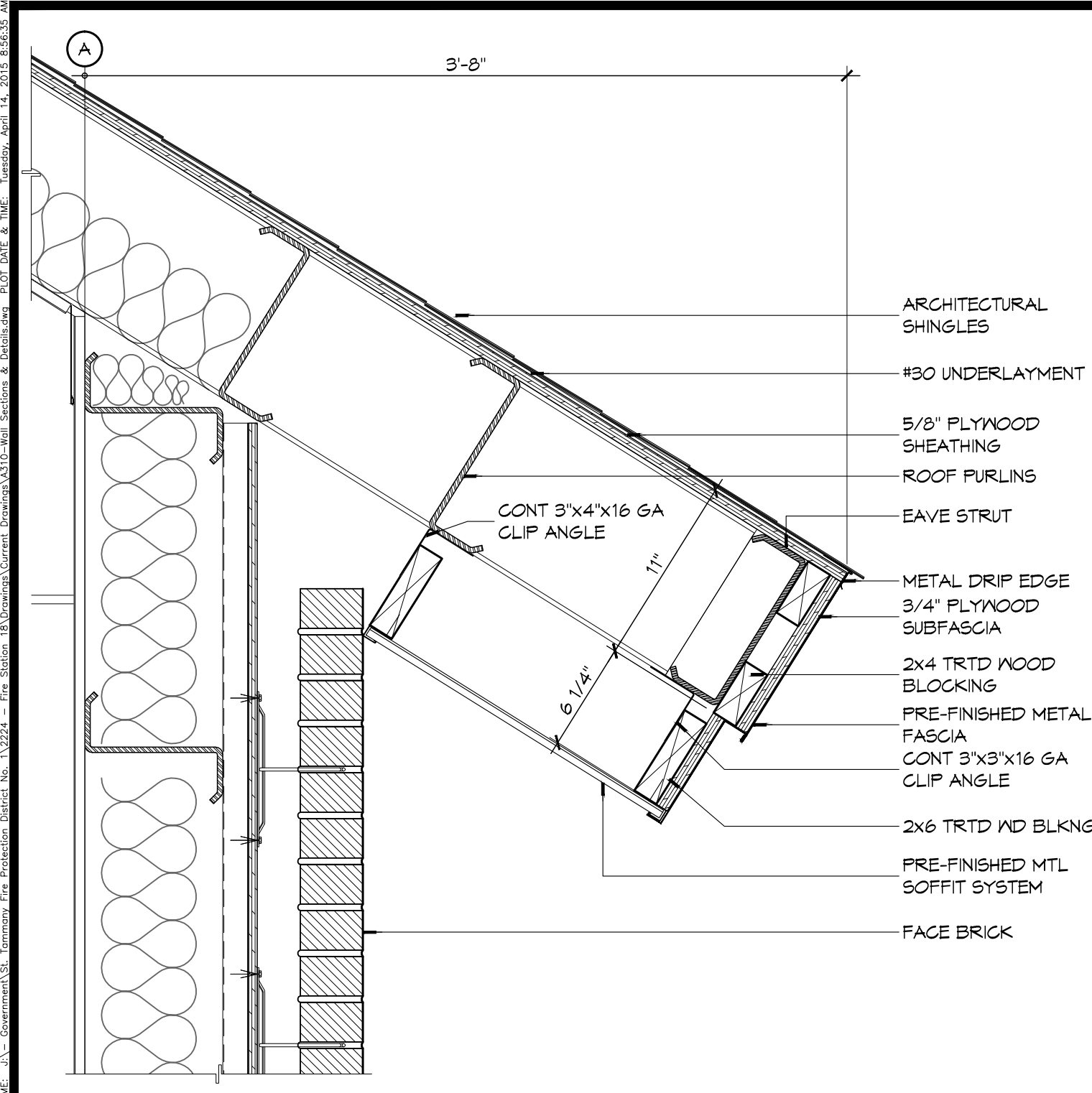
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ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1  
**FIRE STATION 18**  
 6195 AIRPORT ROAD  
 SLIDELL, LOUISIANA 70460  
 JOB No: 2224  
 DATE: APRIL 10, 2015  
 DRAWN BY: KJK  
 CHECKED BY: KJK

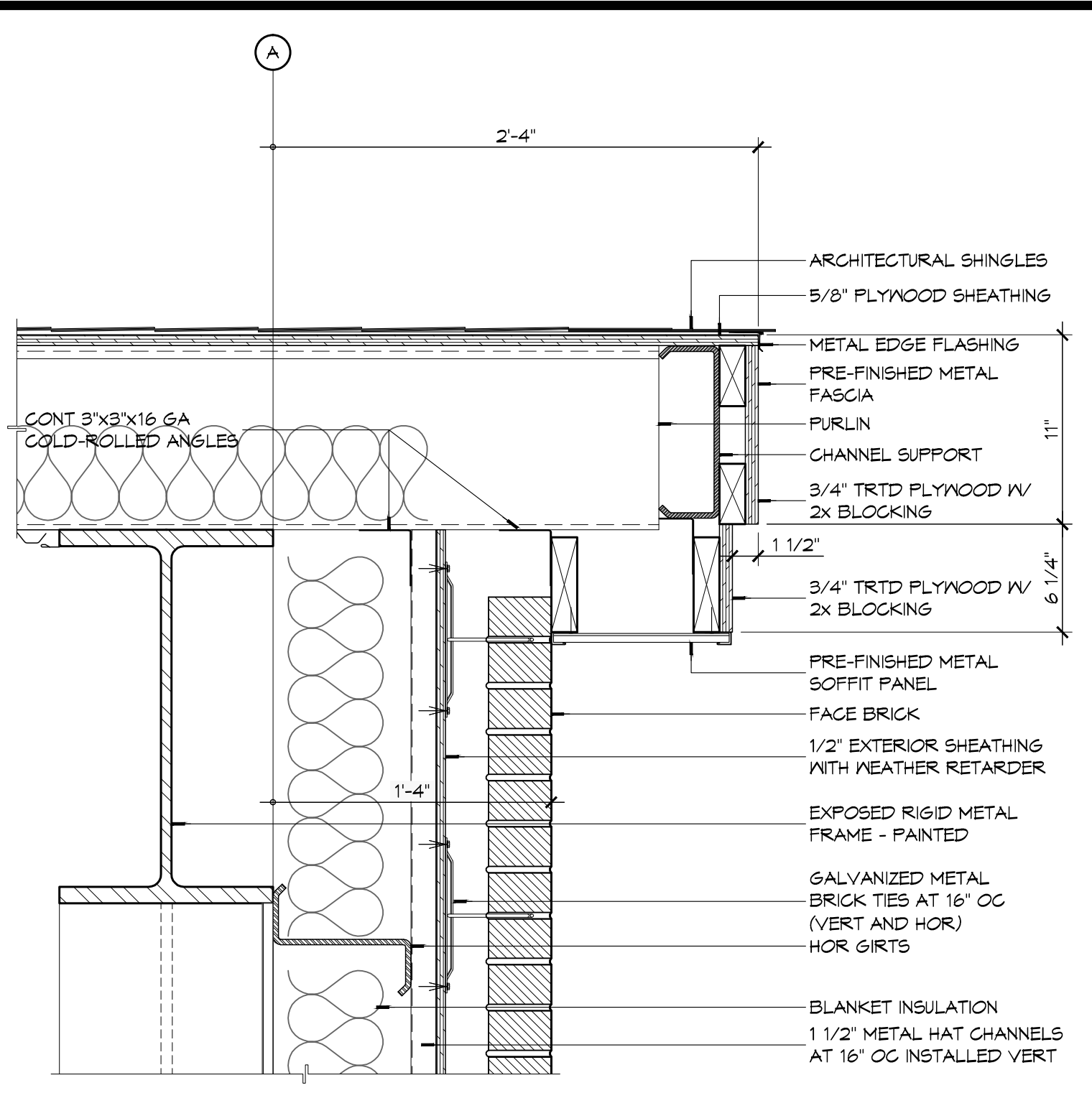
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 ARCHITECTURAL FLOOR  
 PLAN, DETAIL FLOOR  
 PLANS, AND SCHEDULES  
 DRAWING NUMBER:  
**A201**  
 SHEET No: 19 of 36





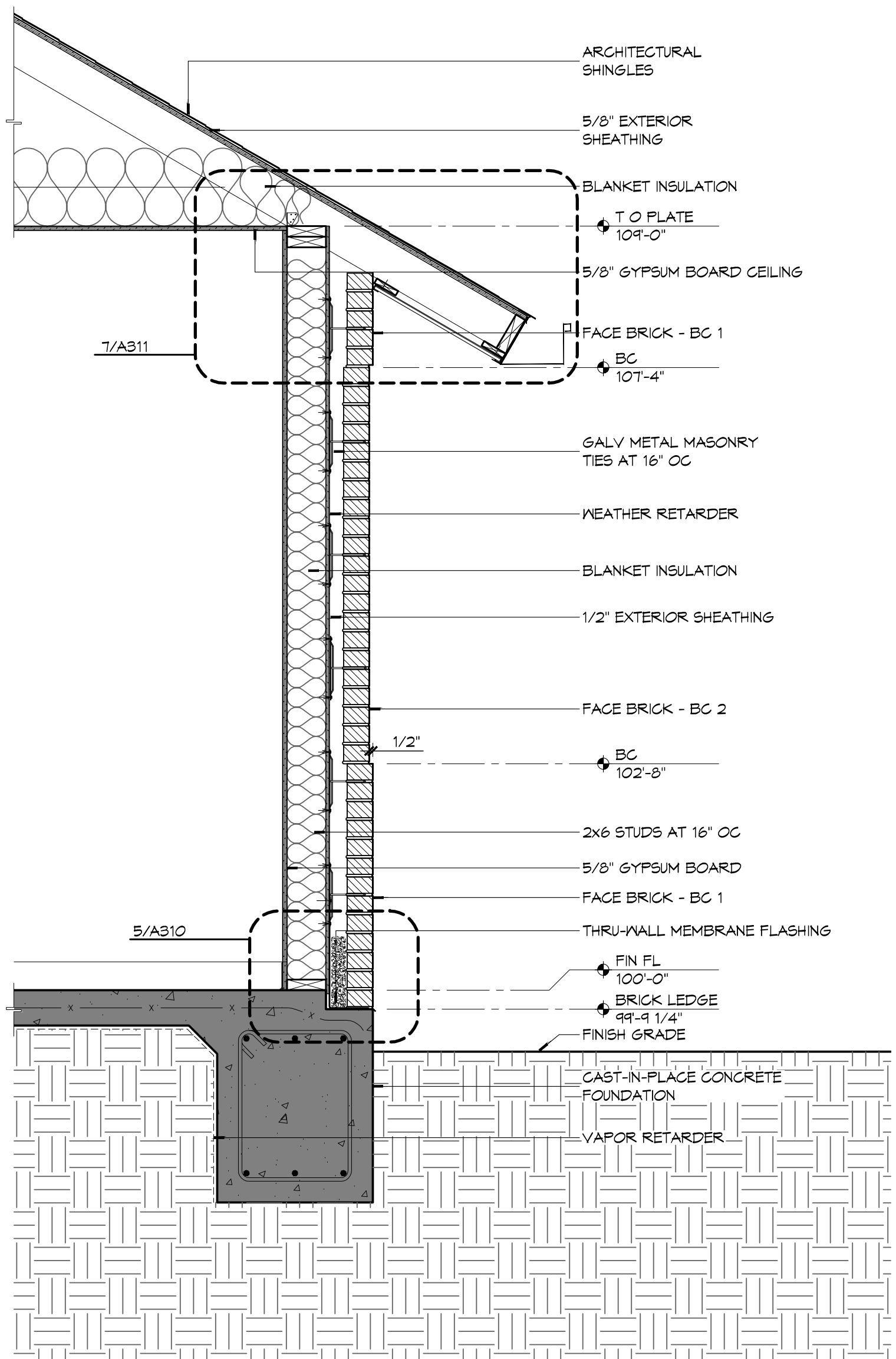


**6 DETAIL**  
SCALE: 1 1/2" = 1'-0"  
APPARATUS BAY EAVE

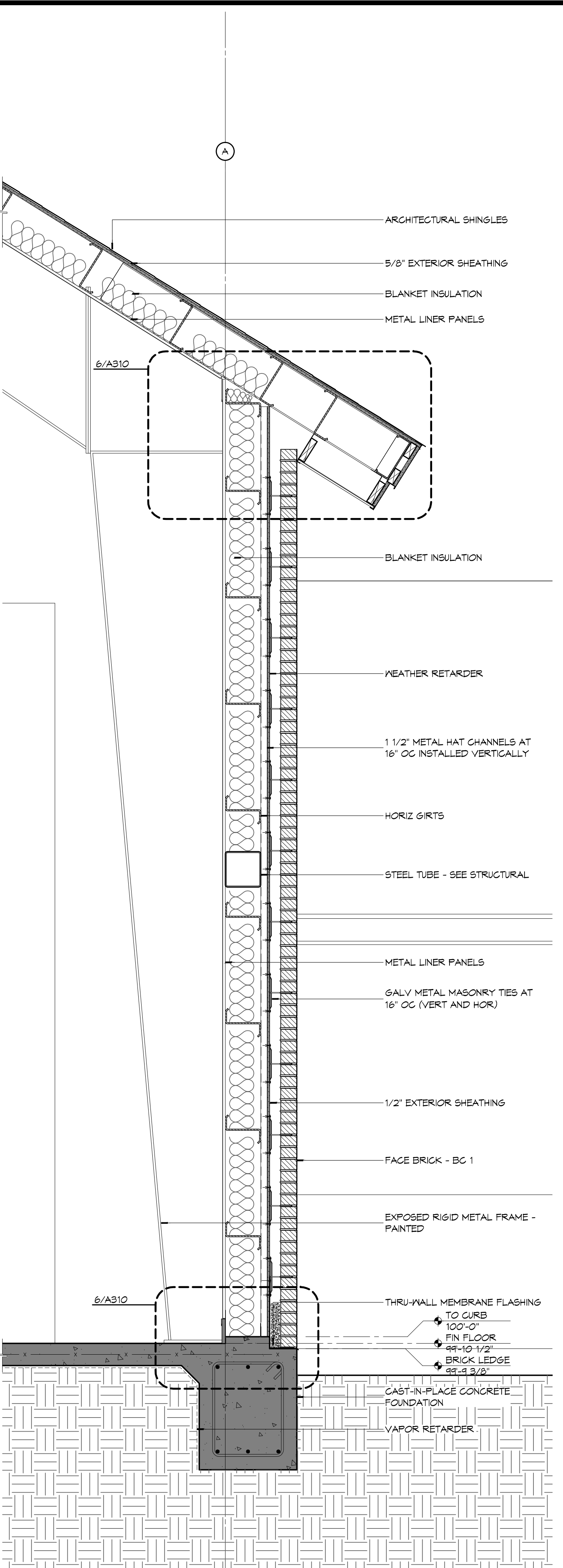


**5 DETAIL**  
SCALE: 1 1/2" = 1'-0"  
APPARATUS BAY ROOF RAKE

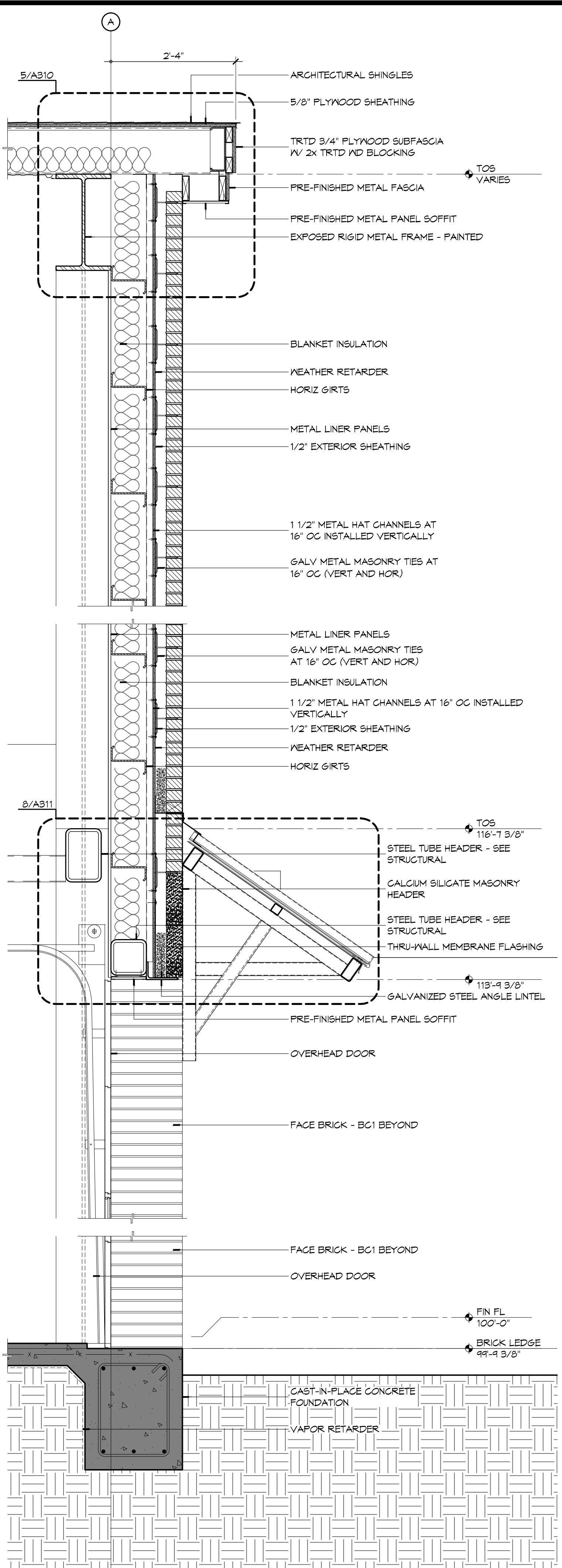
**INSULATION NOTE:**  
REFER TO BUILDING SECTIONS FOR  
PLACEMENT OF ATTIC INSULATION AS  
LOCATION MAY VARY.



**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"

**DAMMON**  
ENGINEERING, INC.  
Architects & Engineers  
www.dammonengineering.com  
info@dammonengineering.com  
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Chief Engineer: Brian Mitchell, PE  
554 Old Spanish Trail  
Slidell, LA 70458

#	DESCRIPTION	DATE

SEAL:

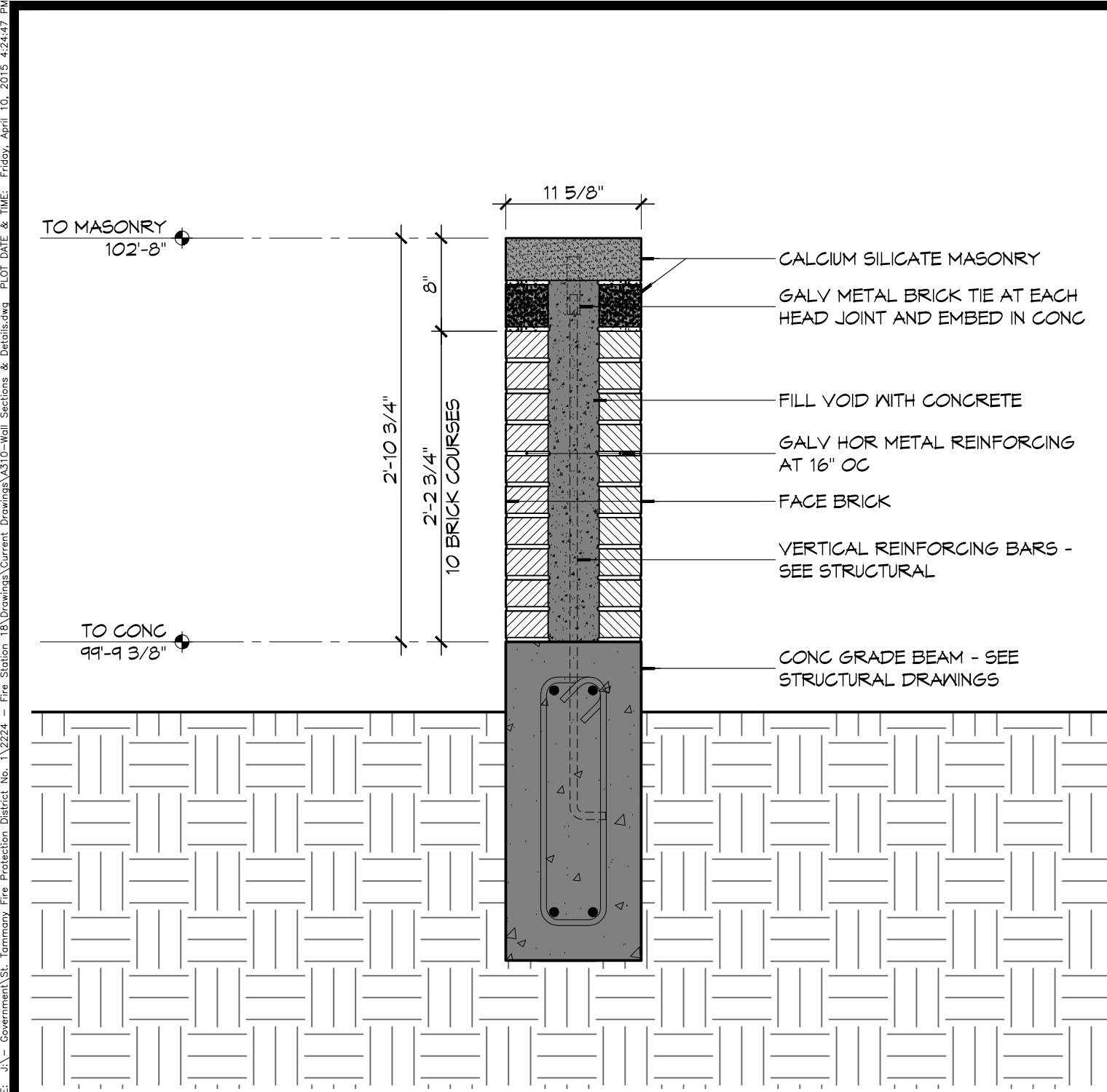
ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1  
**FIRE STATION 18**

6185 AIRPORT ROAD  
SUDELL, LOUISIANA 70458  
JOB No: 2224  
DATE: APRIL 10, 2015  
DRAWN BY: K-K  
CHECKED BY: K-K

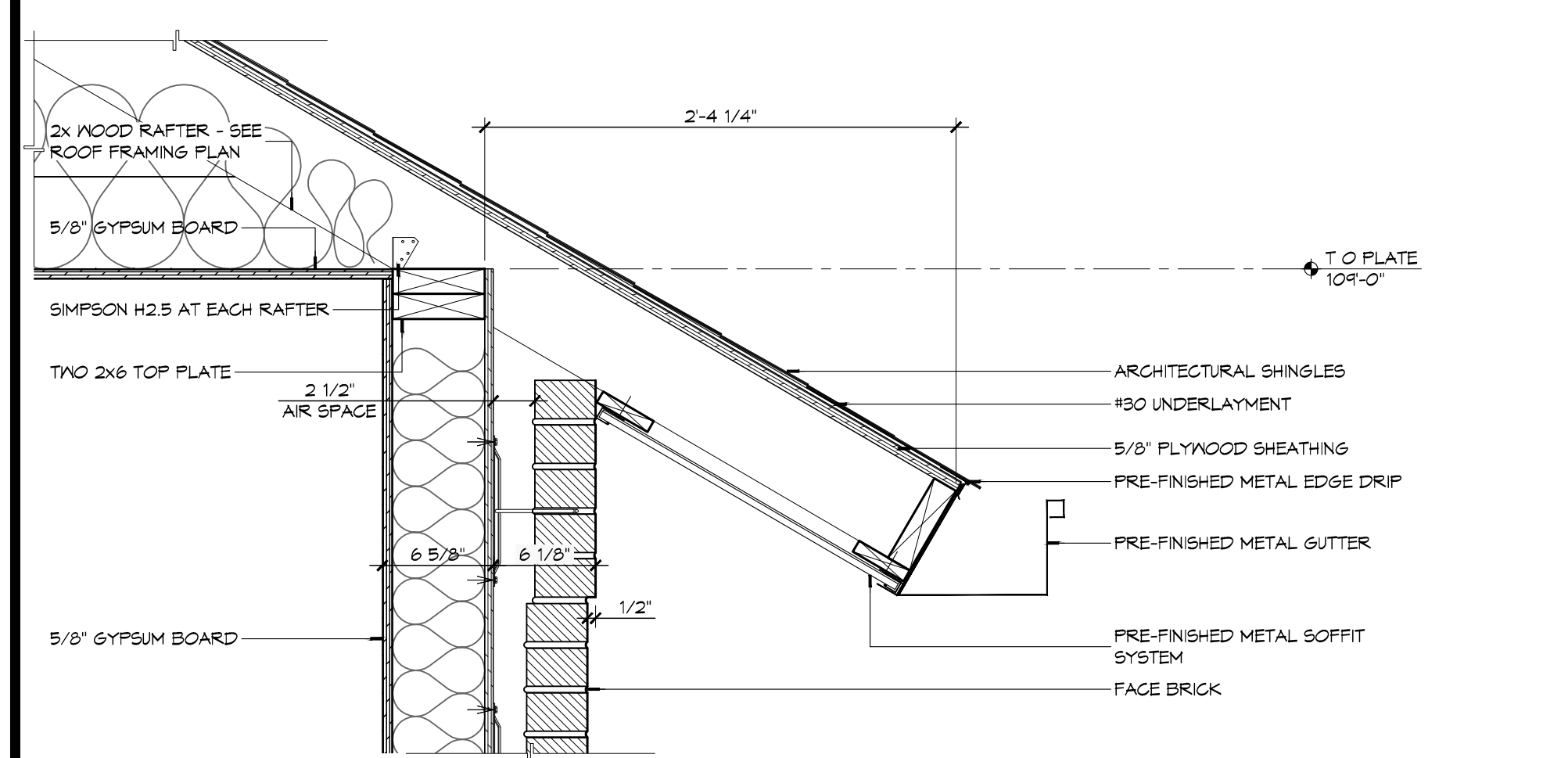
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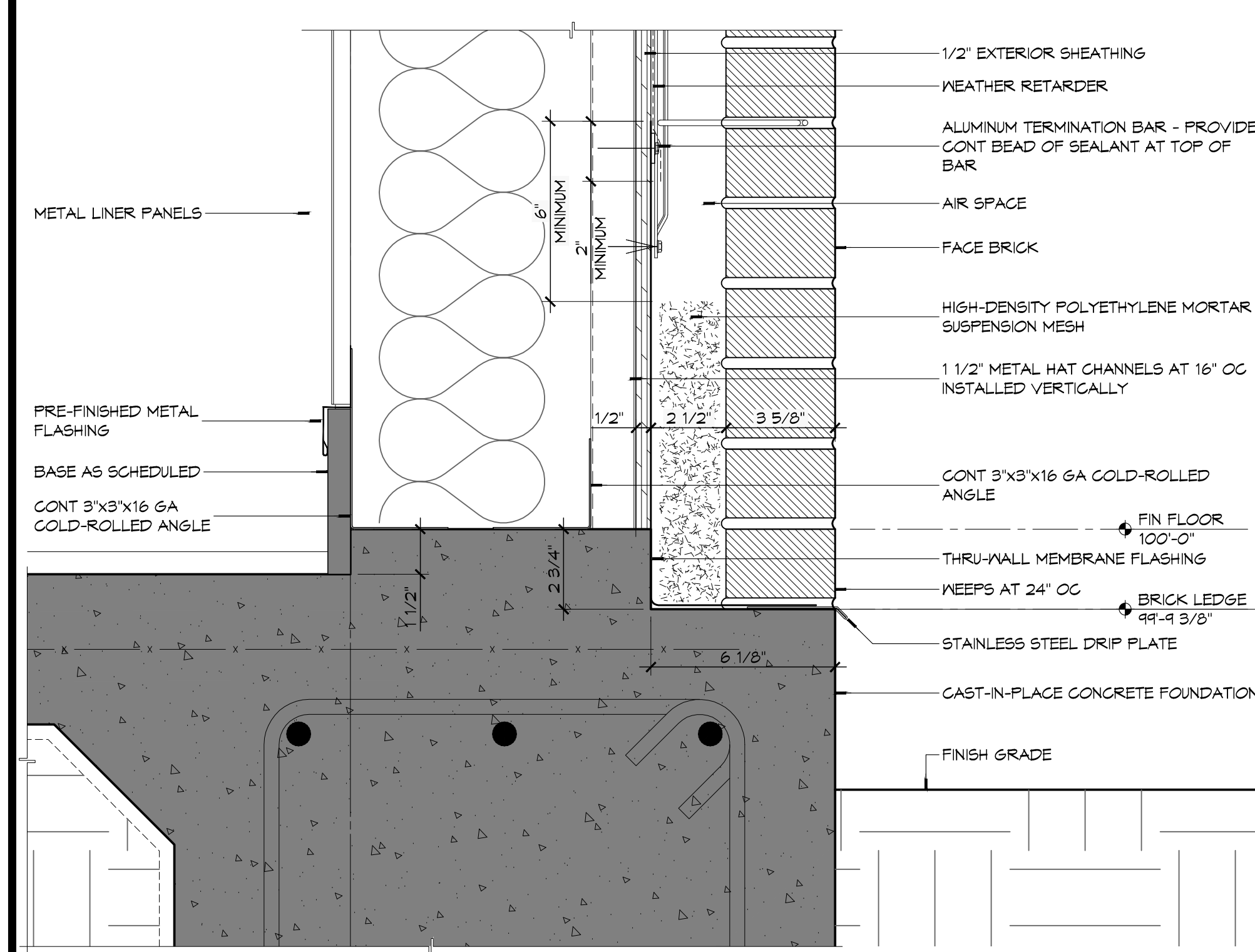
SHEET No: 22 of 36



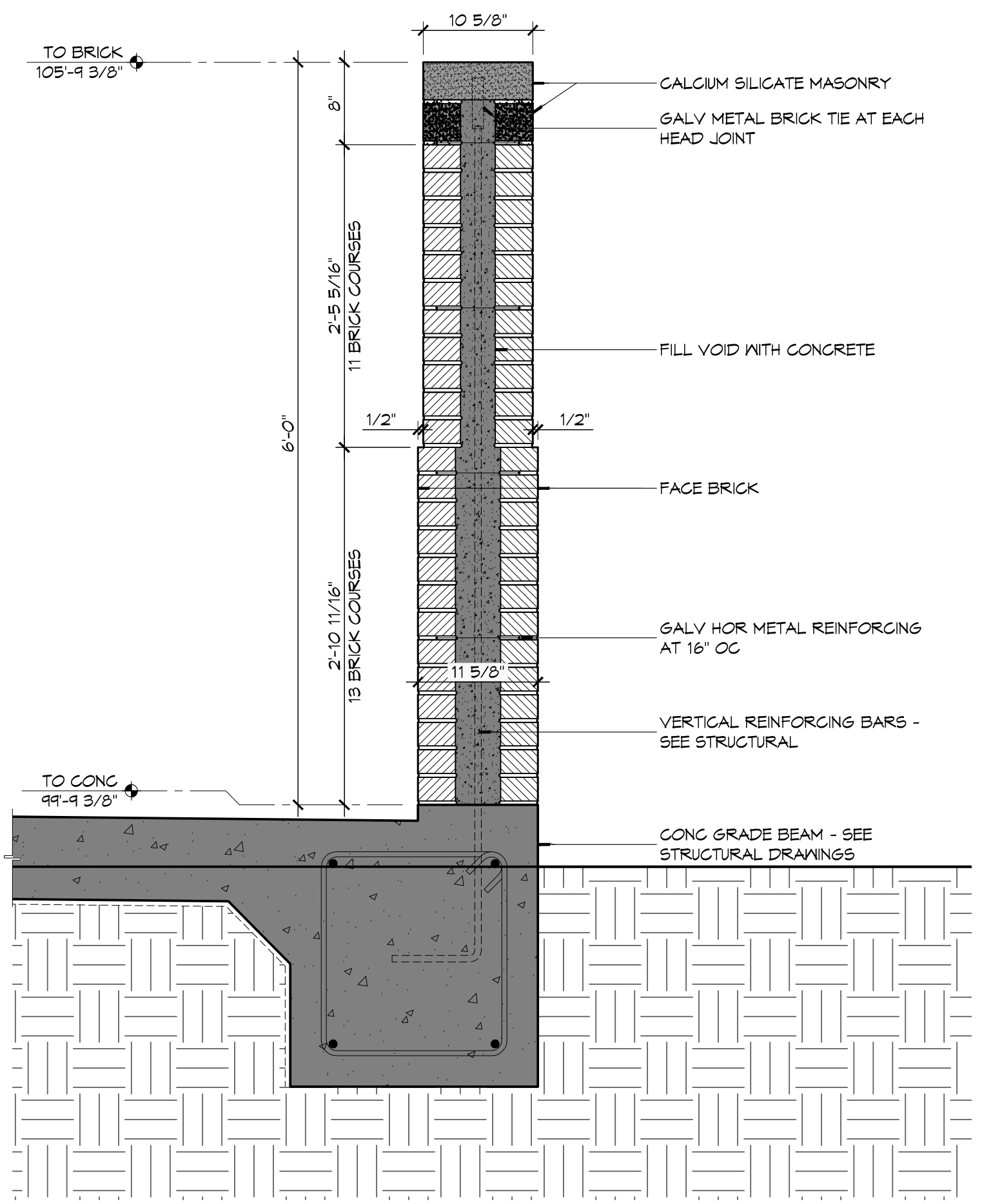
**10 DETAIL**  
SCALE: 1" = 1'-0"  
MASONRY WALL



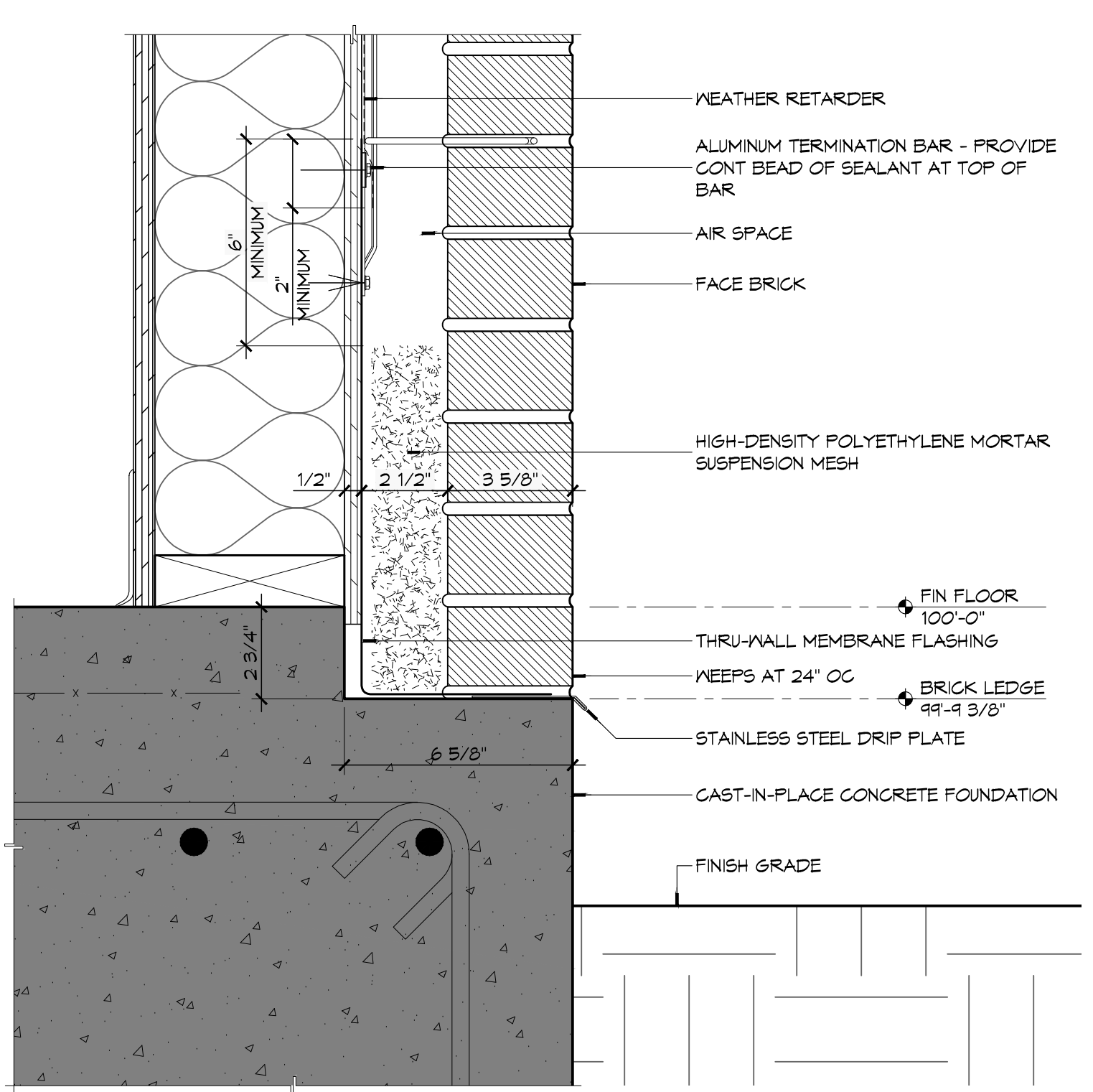
**7 DETAIL**  
SCALE: 1 1/4" = 1'-0"  
TYPICAL EAVE OVERHANG



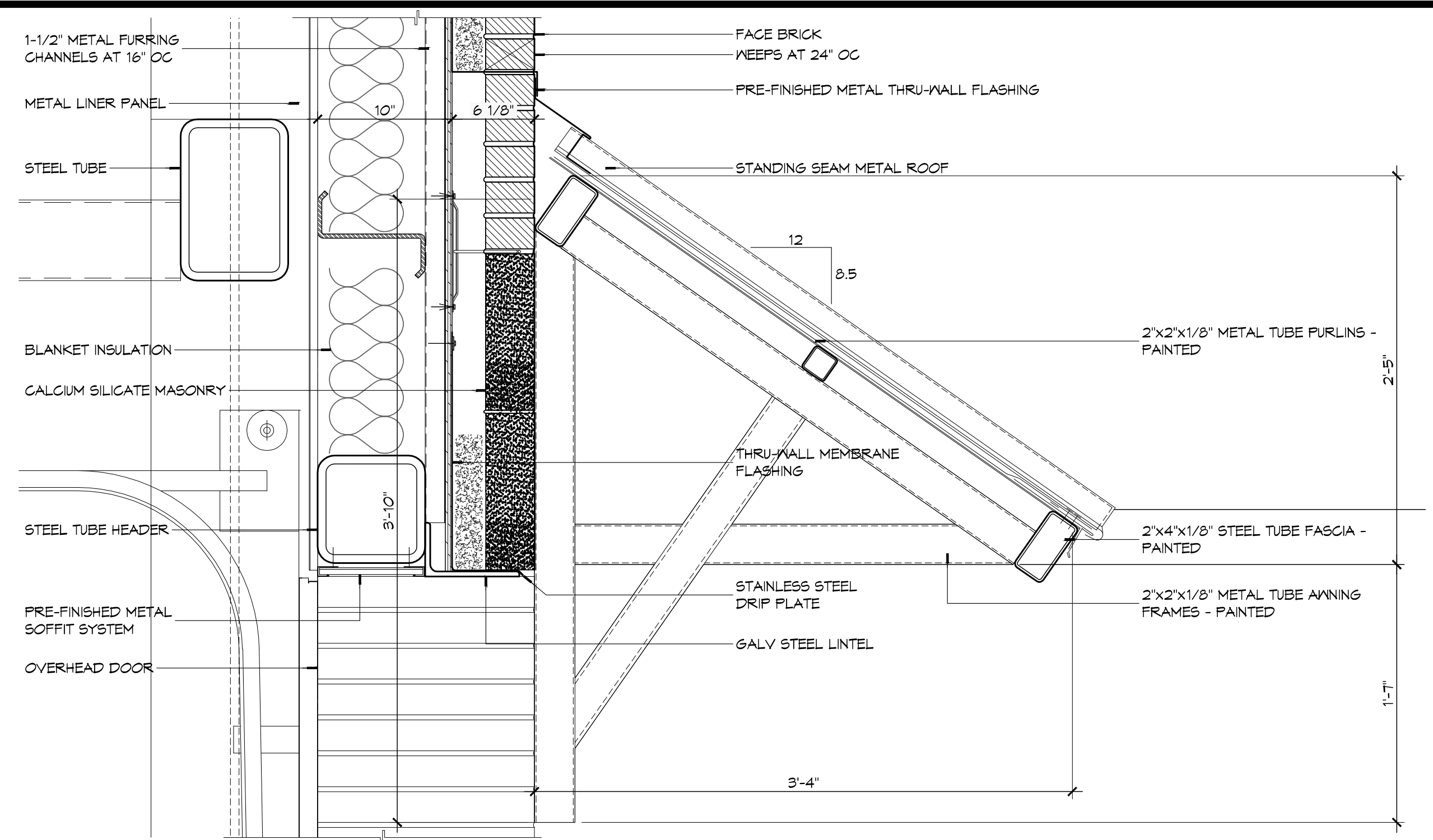
**6 DETAIL**  
SCALE: 3" = 1'-0"  
TYPICAL MASONRY BASE FLASHING AT METAL BUILDING



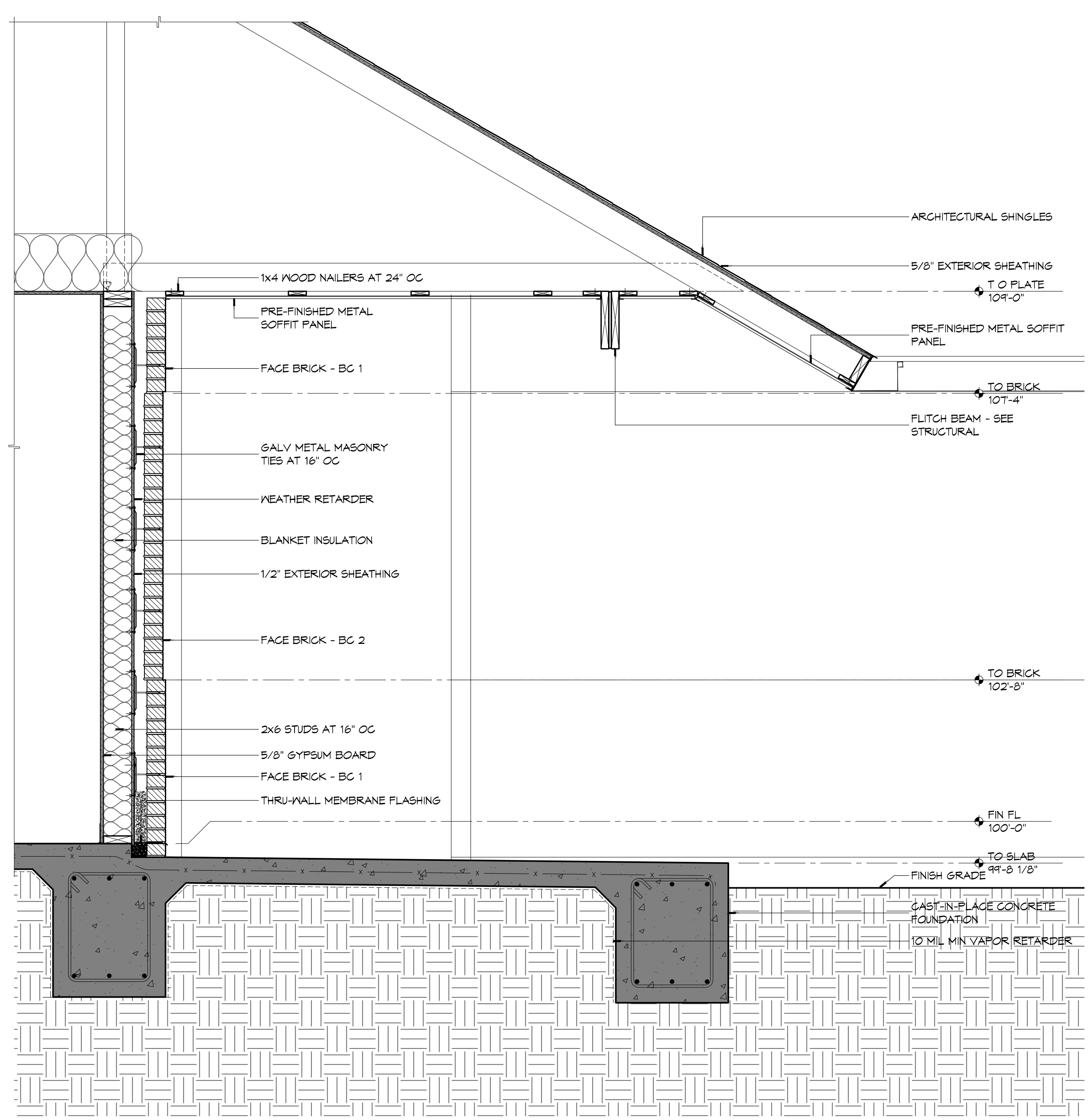
**6 DETAIL**  
SCALE: 1" = 1'-0"  
MASONRY WALL



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



**8 DETAIL**  
SCALE: 1 1/2" = 1'-0"  
ANNING ROOF AT APPARATUS BAY DOORS



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

**DAMMON**  
ENGINEERING, INC.  
Architects & Engineers  
www.dammonengineering.com  
info@dammonengineering.com  
Chief Architect: Kevin J. Kitchin, NCARB  
Chief Engineer: Brian Mitten, PE  
554 Old Spanish Trail  
Sibley, LA 70458  
PH: 985.649.5832  
F: 985.641.5990

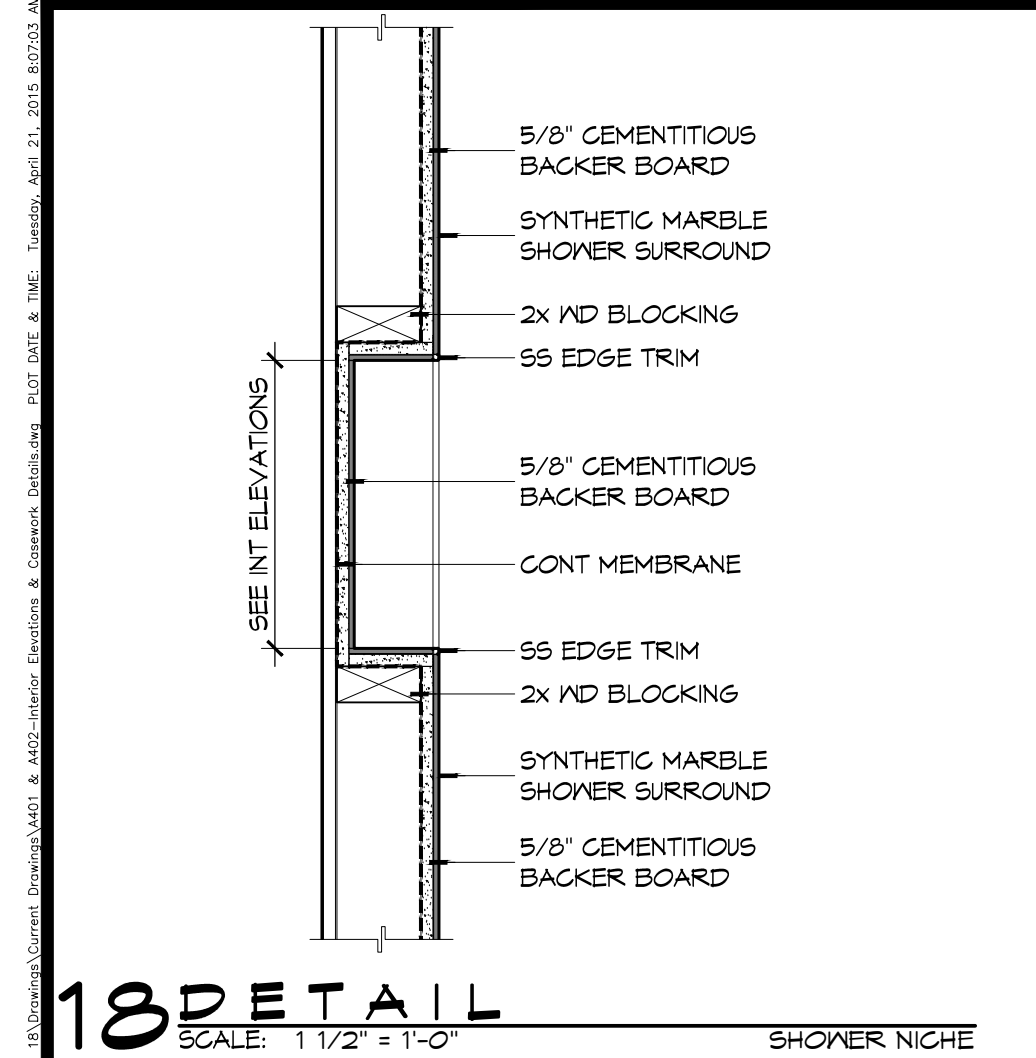
#	DESCRIPTION	DATE

SEAL:

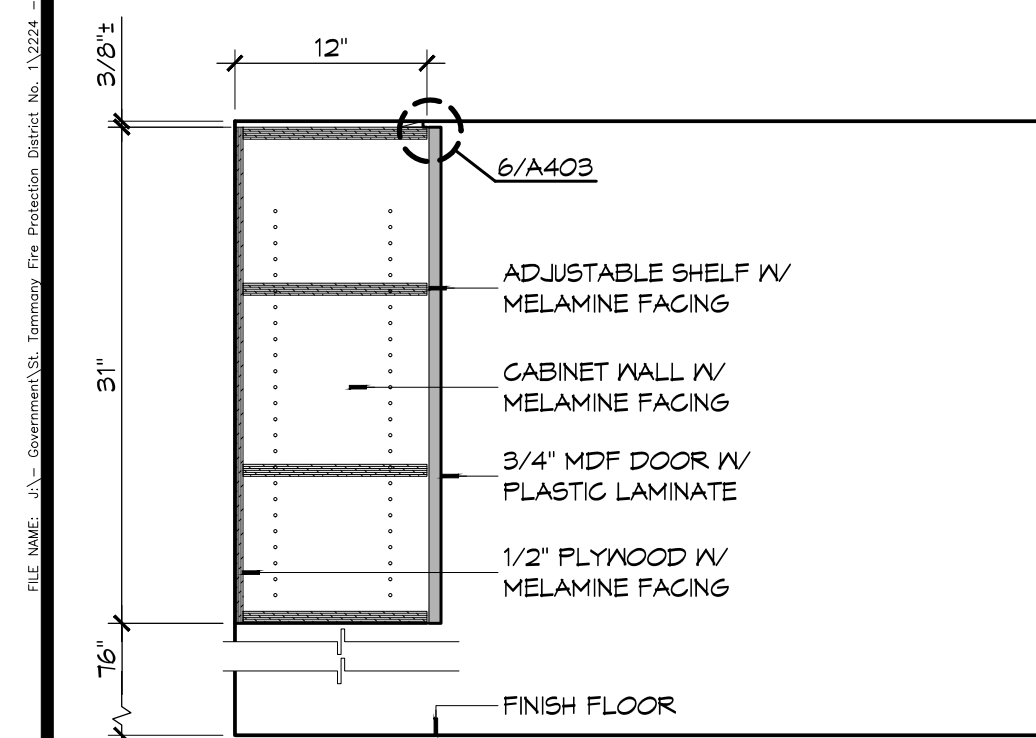
ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1  
**FIRE STATION 18**  
6155 AIRPORT ROAD  
SUDELL, LOUISIANA 70458  
JOB No: 2224 DATE: APRIL 10, 2015  
DRAWN BY: K-K CHECKED BY: K-K

SHEET TITLE:  
WALL SECTIONS AND DETAILS  
DRAWING NUMBER:  
**A311**  
SHEET No: 23 of 36

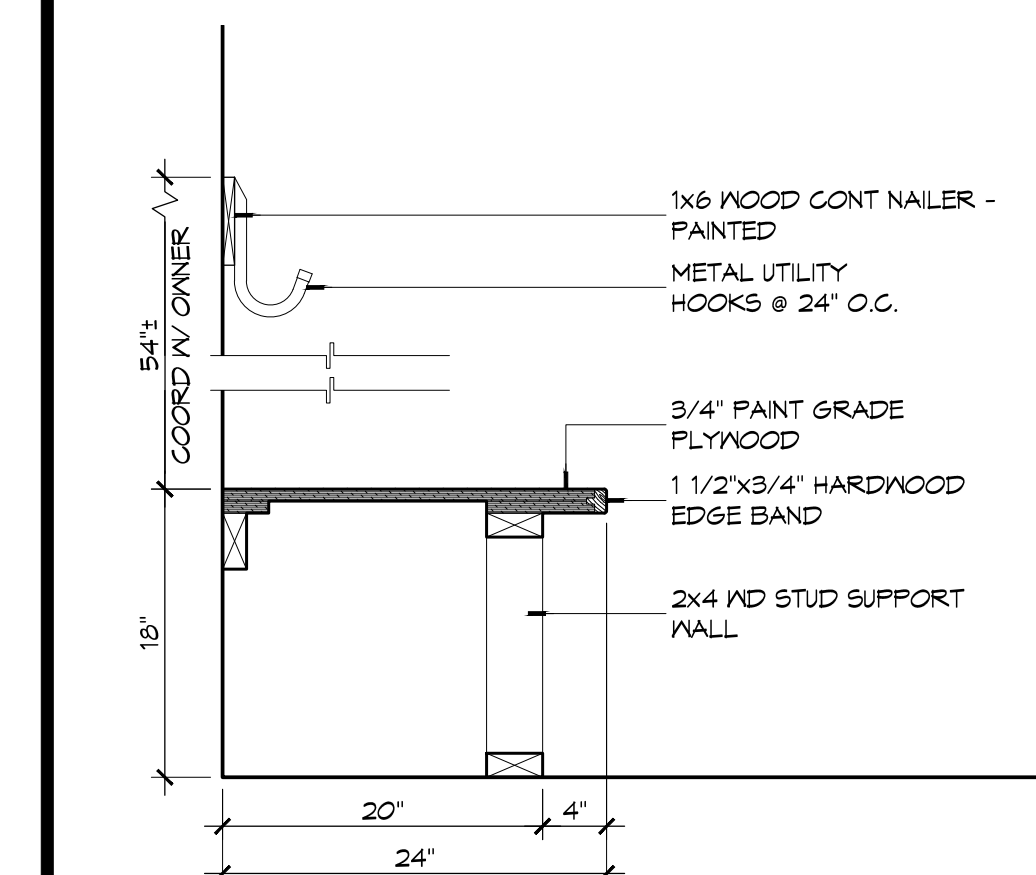




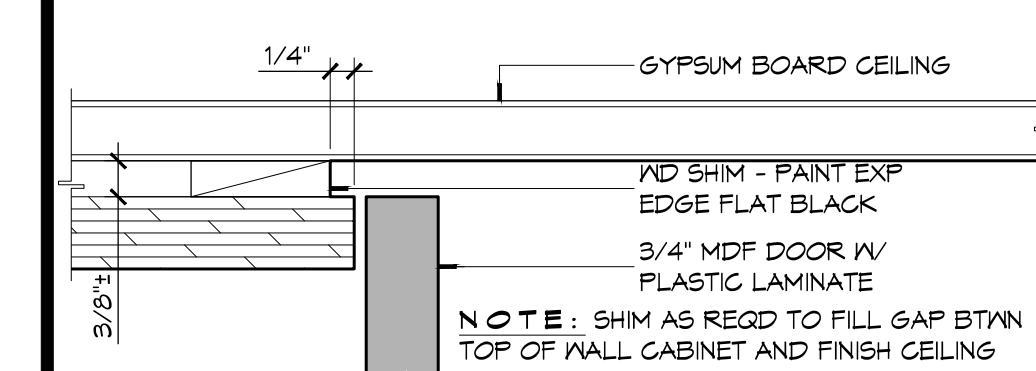
**18 DETAIL**  
SCALE: 1/2" = 1'-0"  
SHOWER NICHE



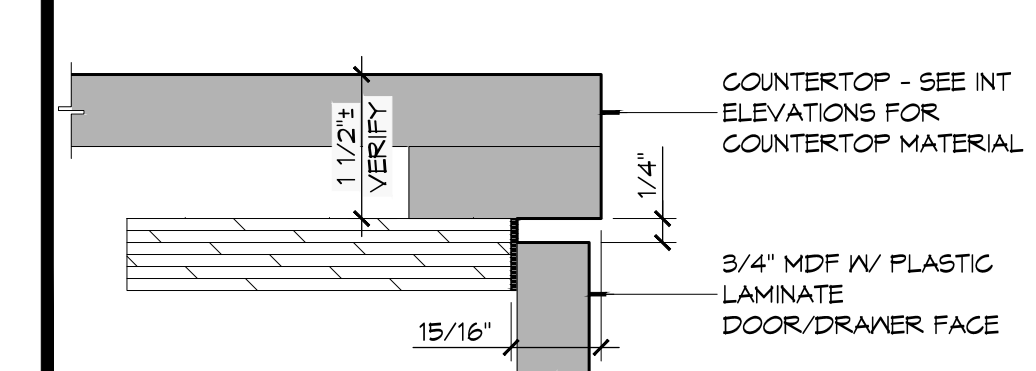
**17 CASEWORK DET**  
SCALE: 1" = 1'-0"  
KITCHEN WALL CABINET



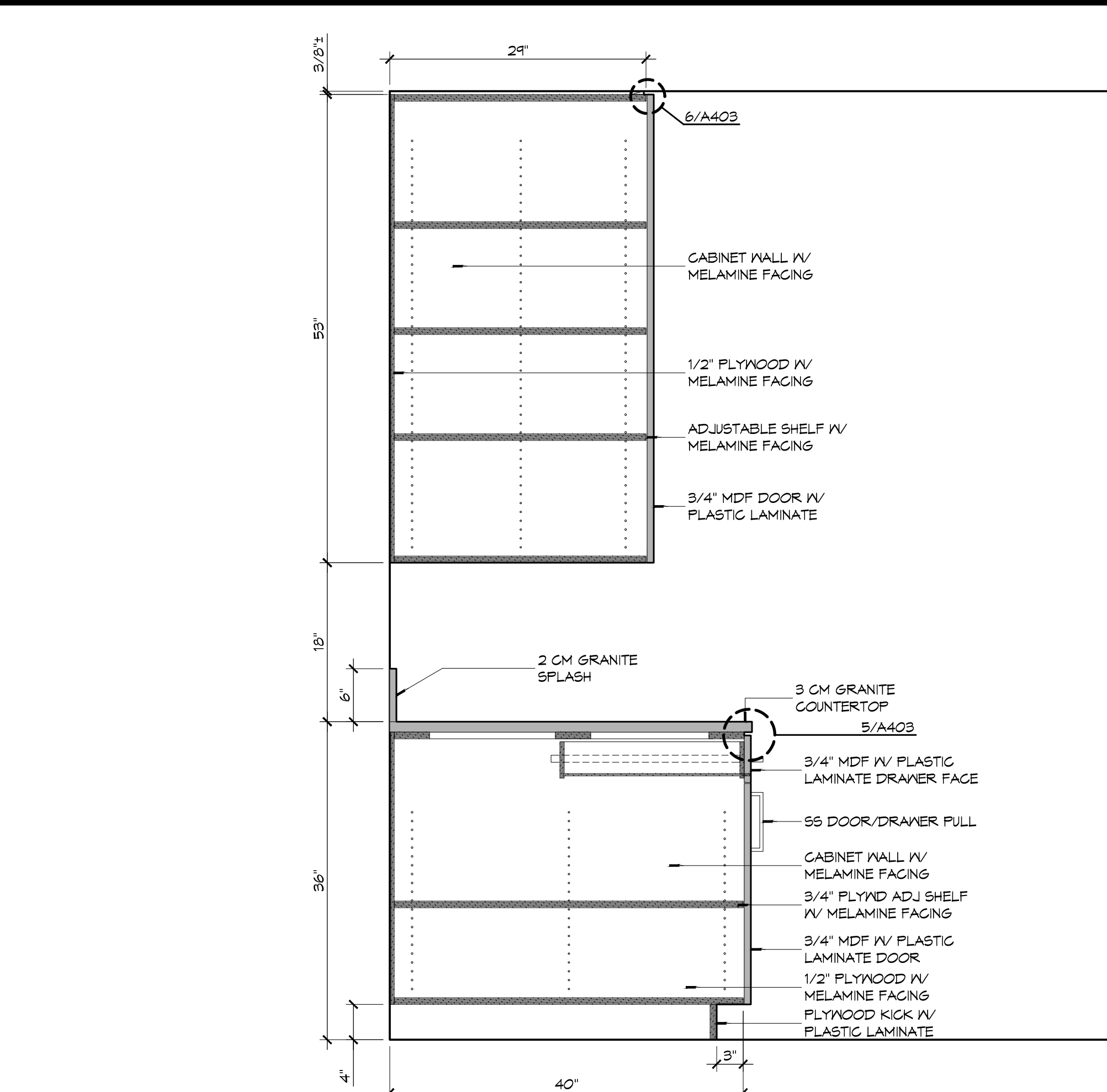
**11 CASEWORK DET**  
SCALE: 1" = 1'-0"  
GEAR ROOM



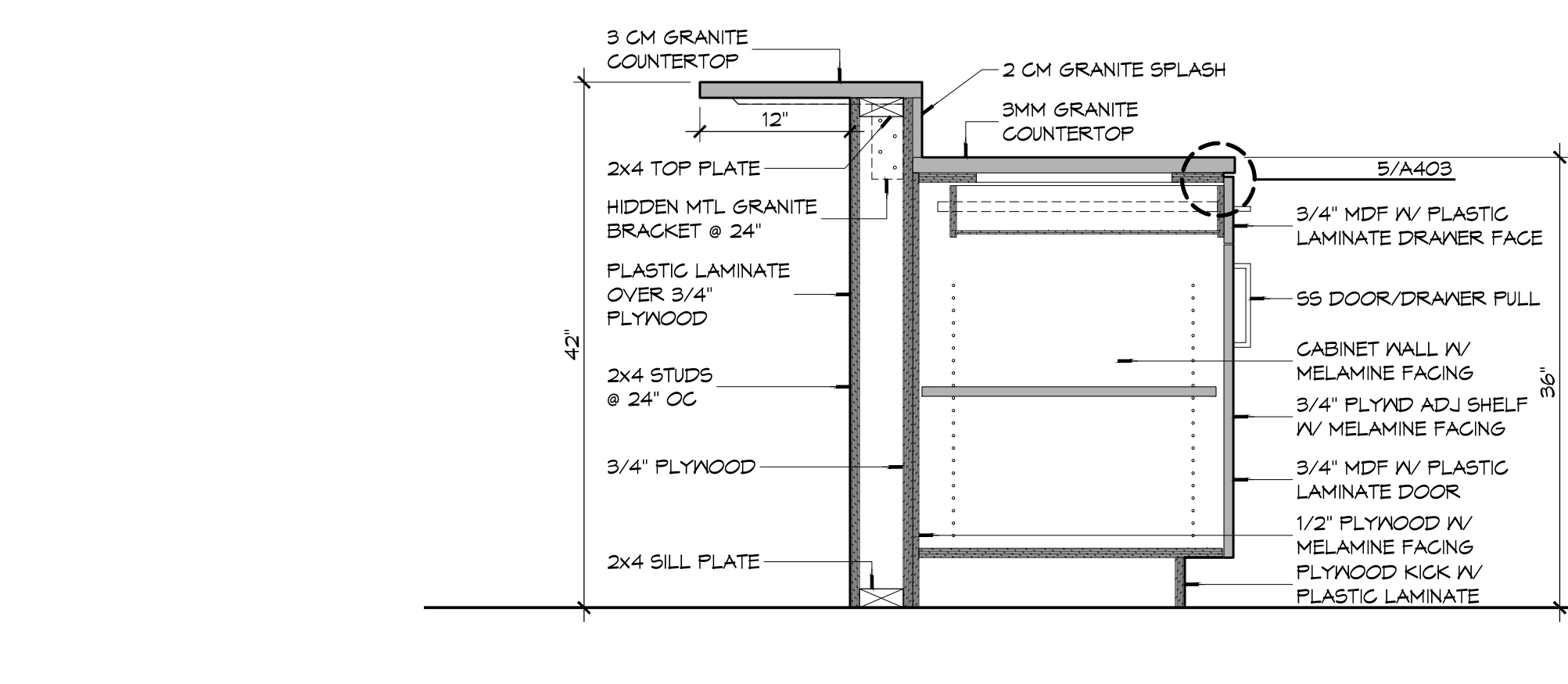
**6 CASEWORK DET**  
SCALE: 6" = 1'-0"



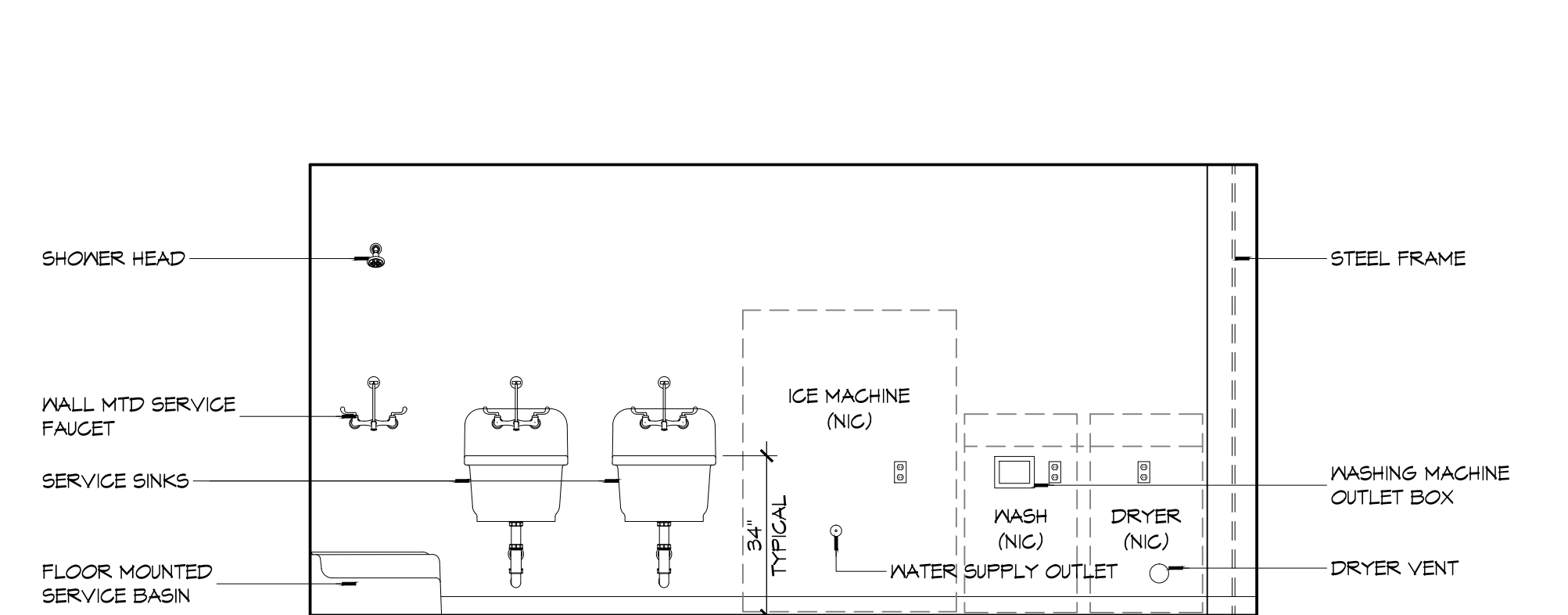
**5 CASEWORK DET**  
SCALE: 6" = 1'-0"



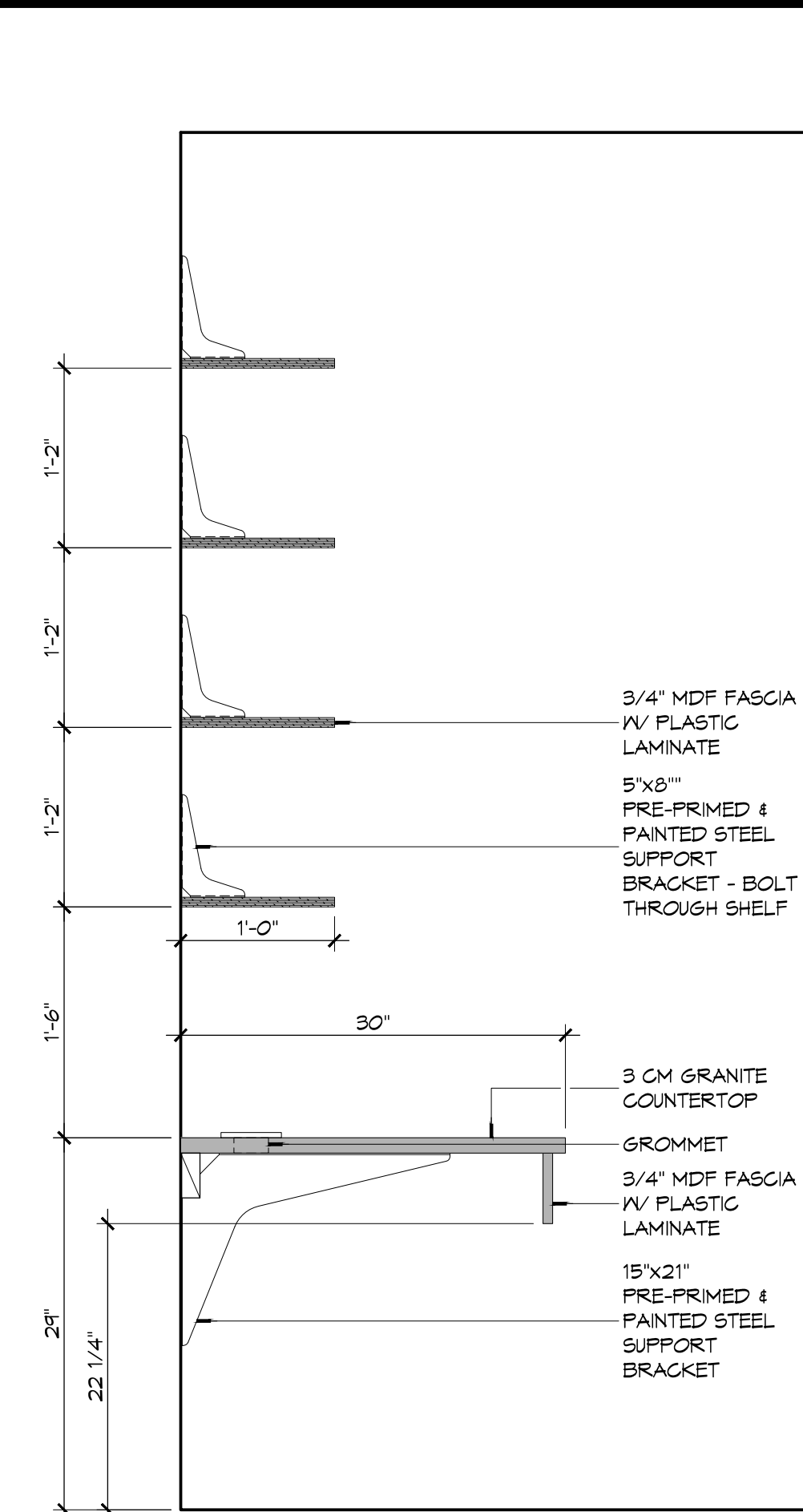
**16 CASEWORK DETAIL**  
SCALE: 1" = 1'-0"  
CABINET AT RANGE/HOOD



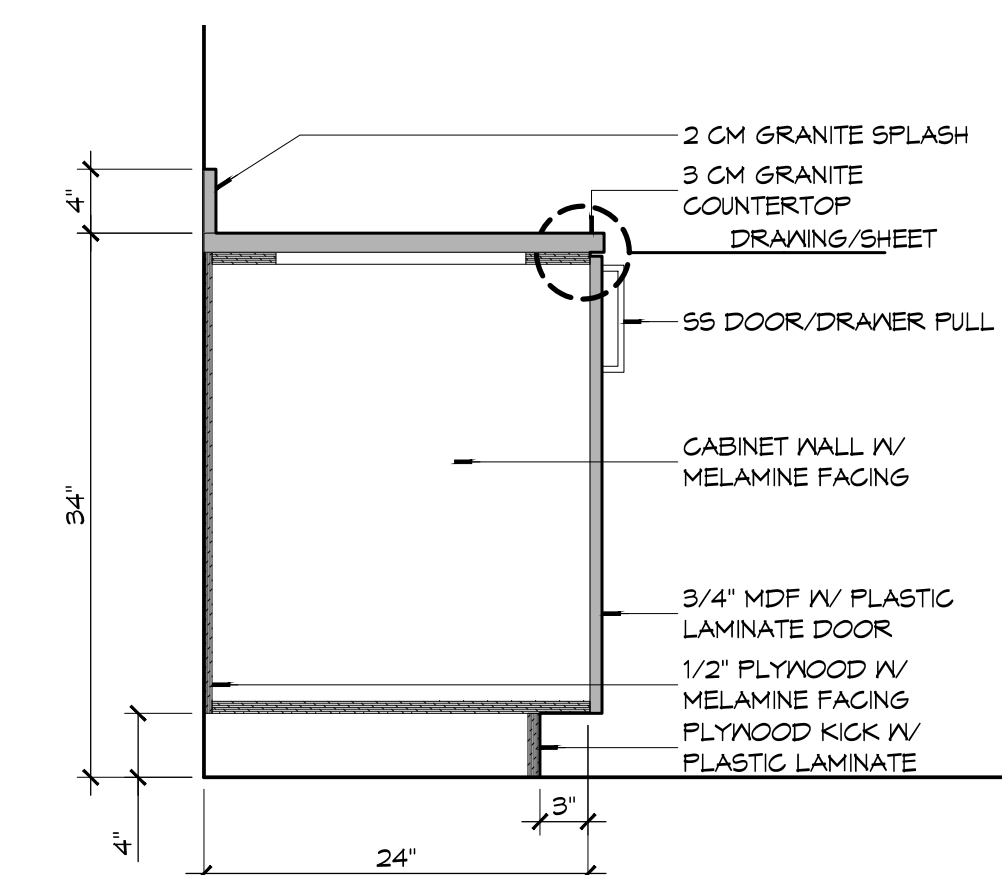
**10 CASEWORK DETAIL**  
SCALE: 1" = 1'-0"  
GEAR ROOM



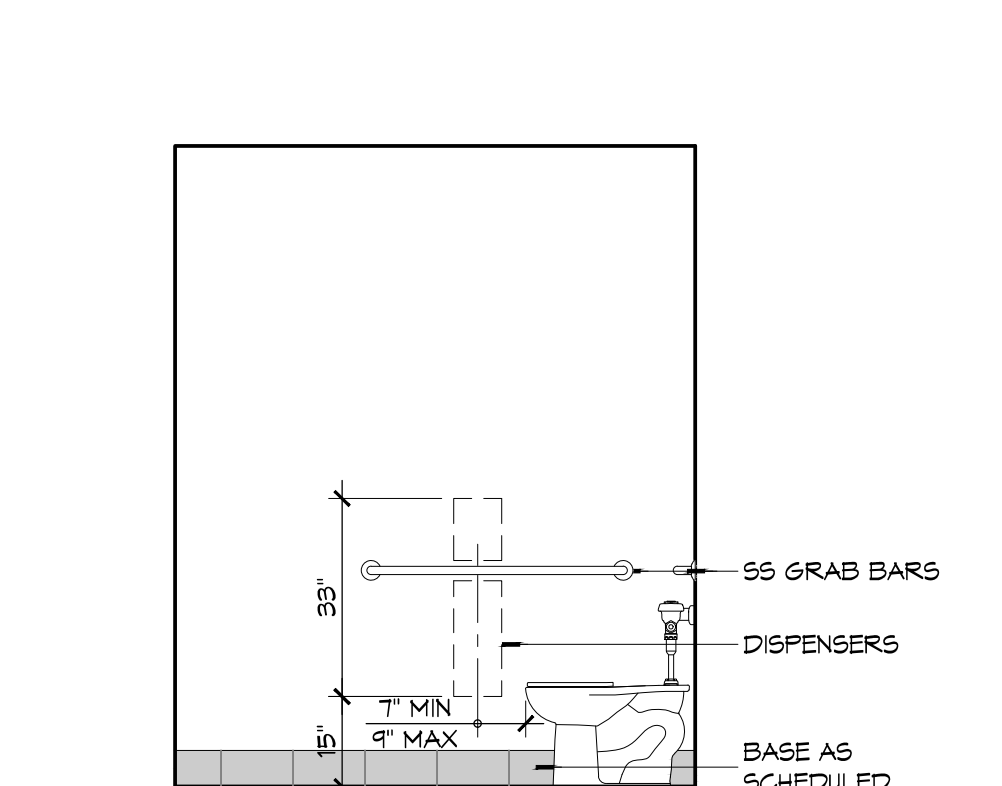
**4 INTERIOR ELEVATION**  
SCALE: 3/8" = 1'-0"  
REST ROOM - 119



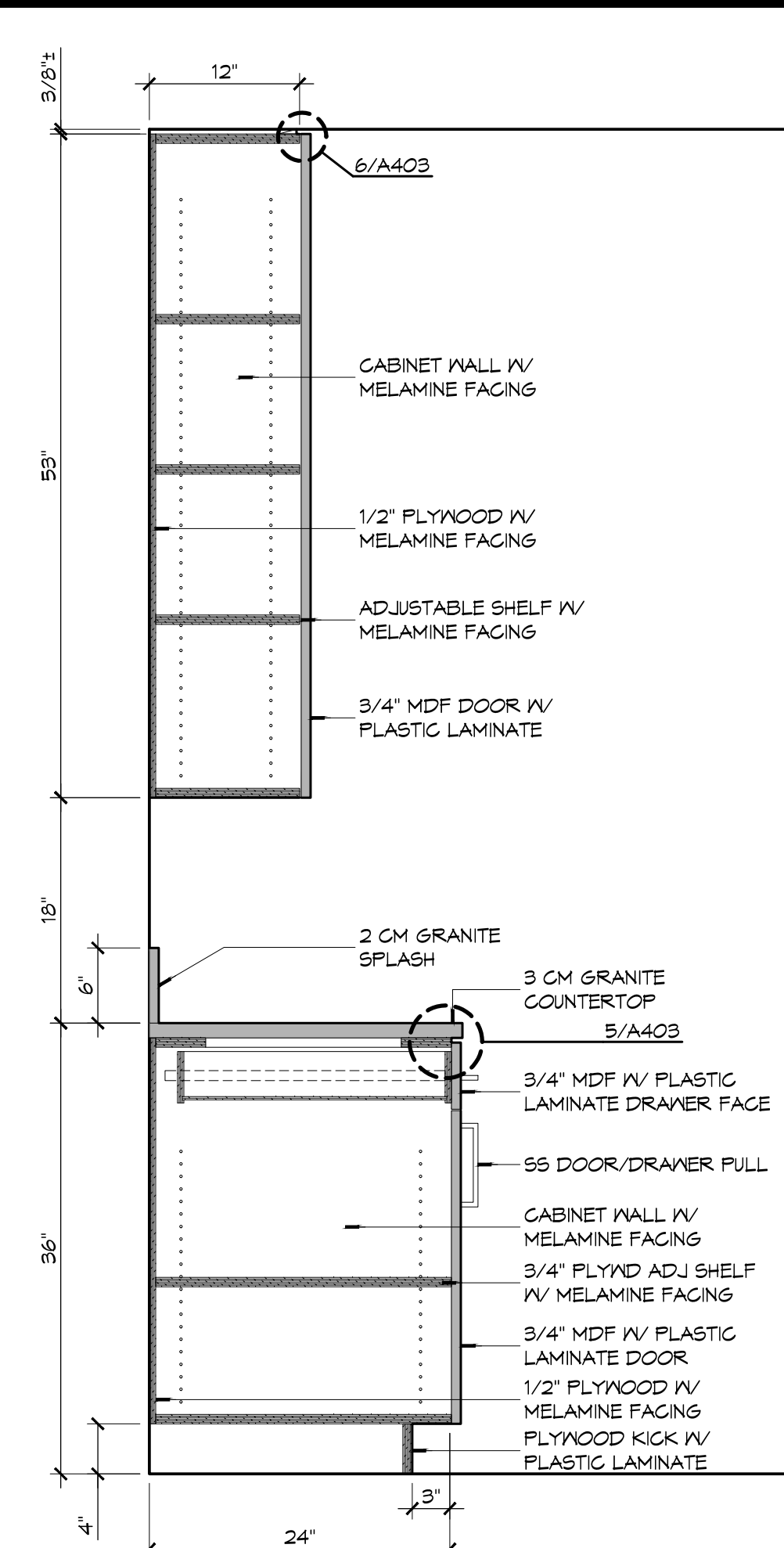
**15 CASEWORK DET**  
SCALE: 1" = 1'-0"  
BUNK ROOM



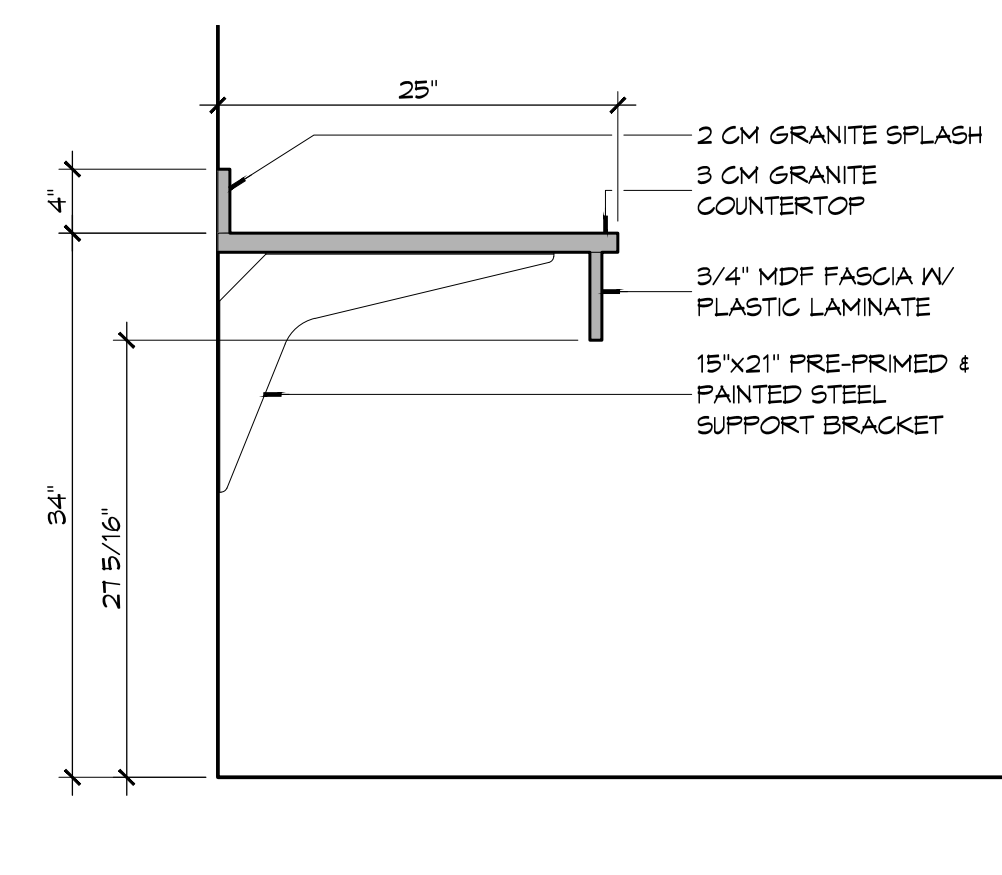
**9 CASEWORK DET**  
SCALE: 1" = 1'-0"  
LAVATORY BASE CABINET



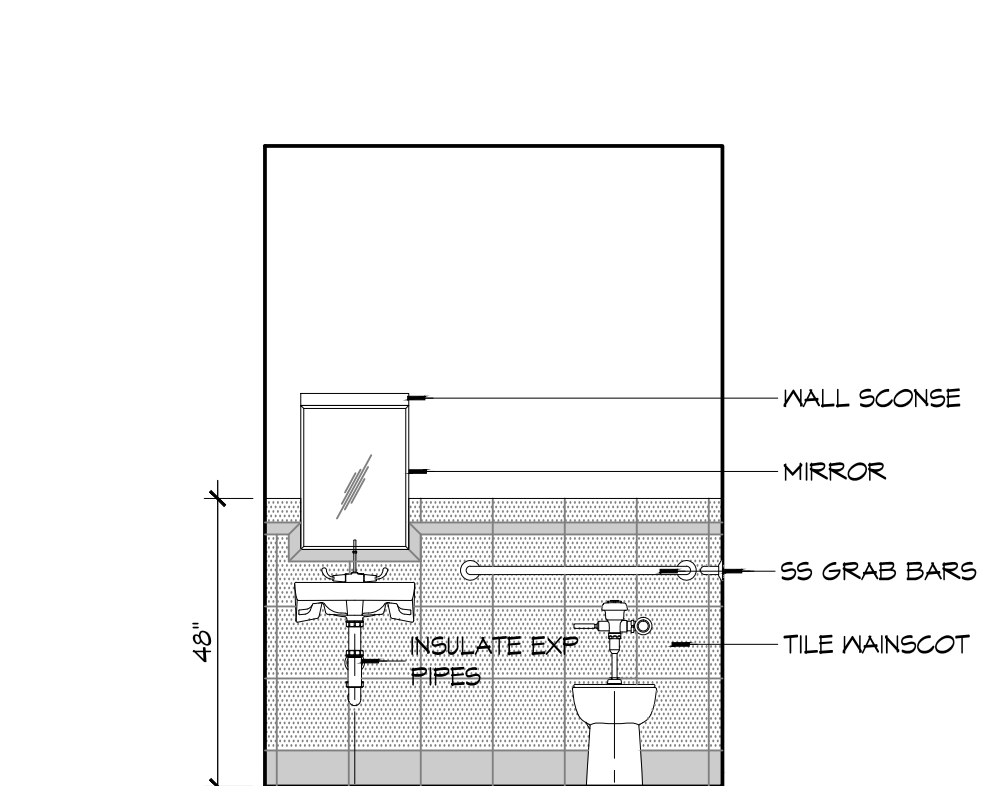
**3 INTERIOR ELEV**  
SCALE: 3/8" = 1'-0"  
REST ROOM - 119



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



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



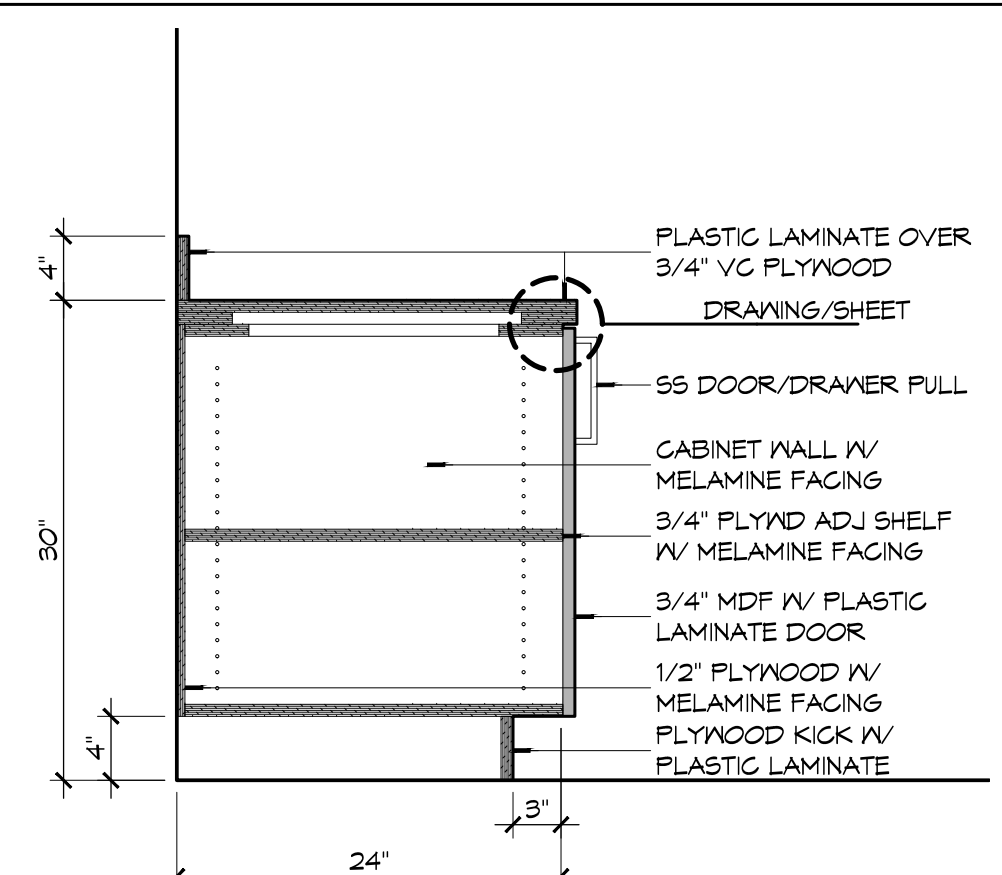
**2 INTERIOR ELEV**  
SCALE: 3/8" = 1'-0"  
REST ROOM - 119

**GENERAL CASEWORK NOTES**

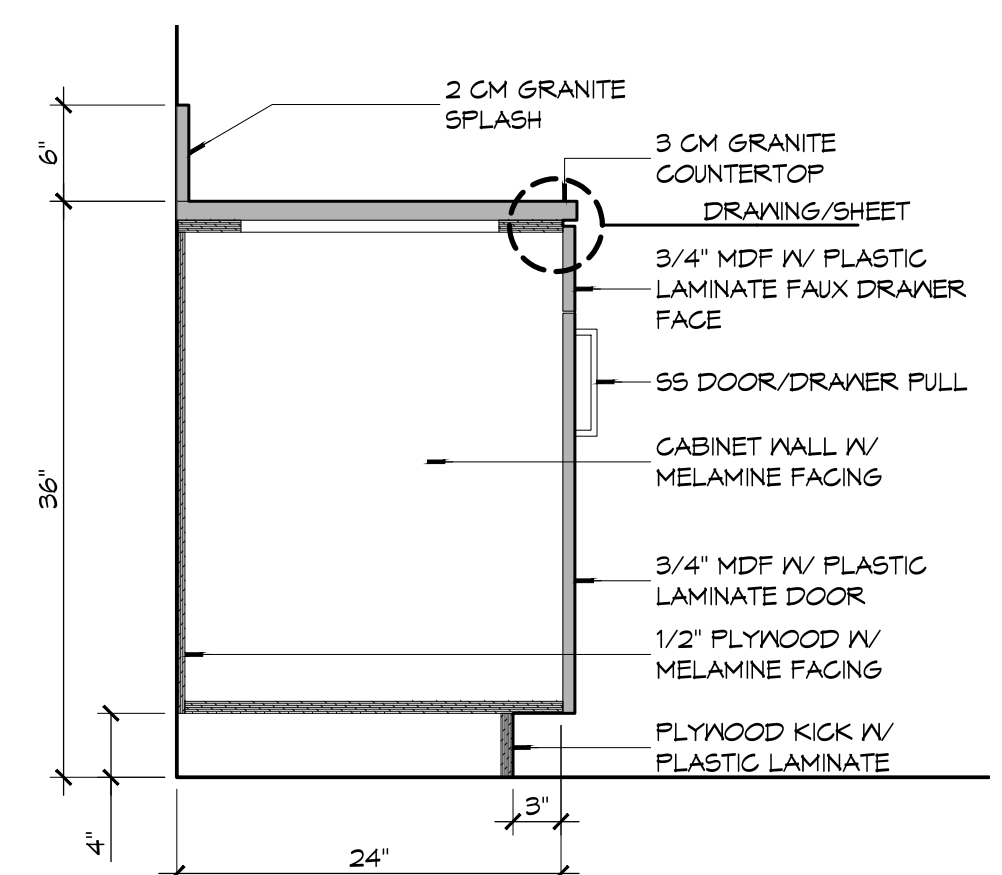
- ALL KNEE SPACES SHALL HAVE 23 INCH MINIMUM VERTICAL CLEARANCE.
- AT 90° INSIDE CORNERS OF BASE AND TOP CABINETS, PROVIDE CORNER CABINETS WITH SHELVING ACCESSIBLE FROM AT LEAST ONE SIDE.
- WHERE GROMMETS ARE SHOWN, PROVIDE MCKETT PUS-40 OR APPROVED EQUAL. HOLES SHALL BE FIELD DRILLED AND SIZED IN ACCORDANCE 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:**

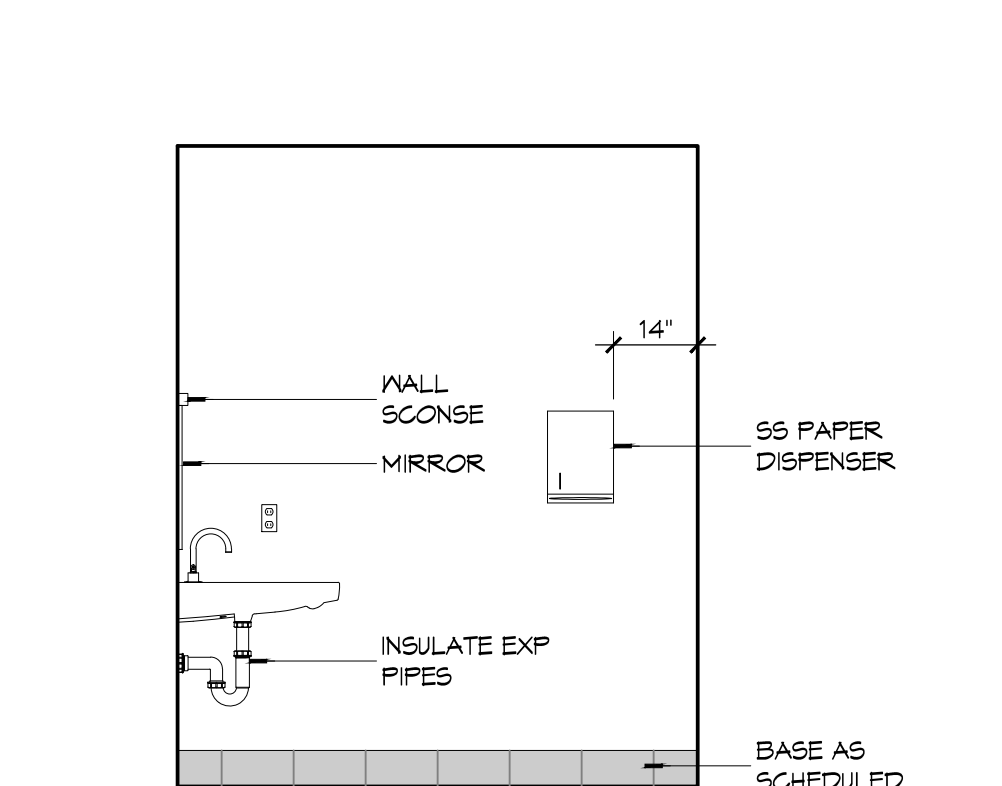
PL-1	FORMICA RATTAN CANE	3699-58	MATTE FINISH
PL-2	FORMICA TERRIL	2291-58	MATTE FINISH



**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

**DAMMON ENGINEERING, INC.**  
Architects & Engineers  
www.dammonengineering.com  
info@dammonengineering.com  
PH: 985.649.5832  
F: 985.641.5990

#	DESCRIPTION	DATE

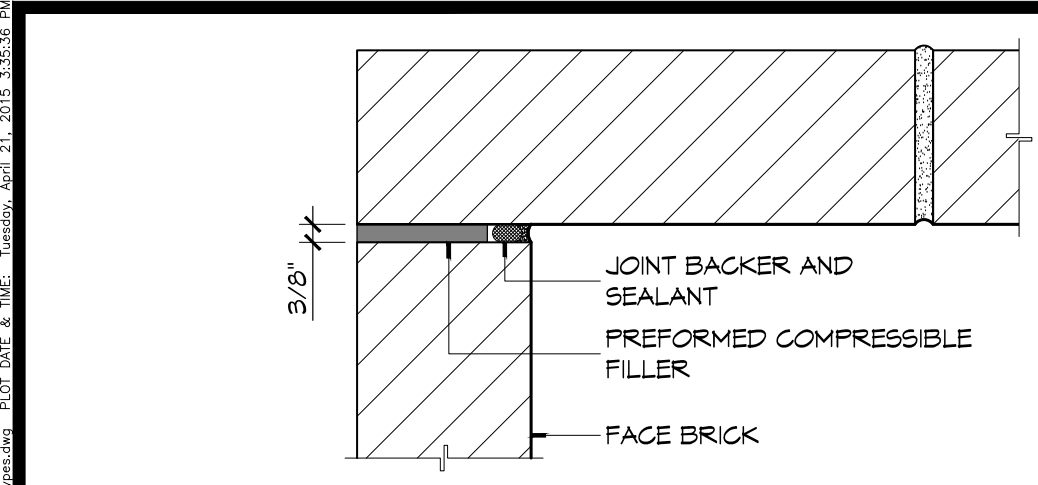
SEAL:

ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1  
**FIRE STATION 18**  
6195 AIRPORT ROAD  
SUDELL, LOUISIANA 70458  
JOB No: 2224  
DATE: APRIL 10, 2015  
DRAWN BY: K-K  
CHECKED BY: K-K

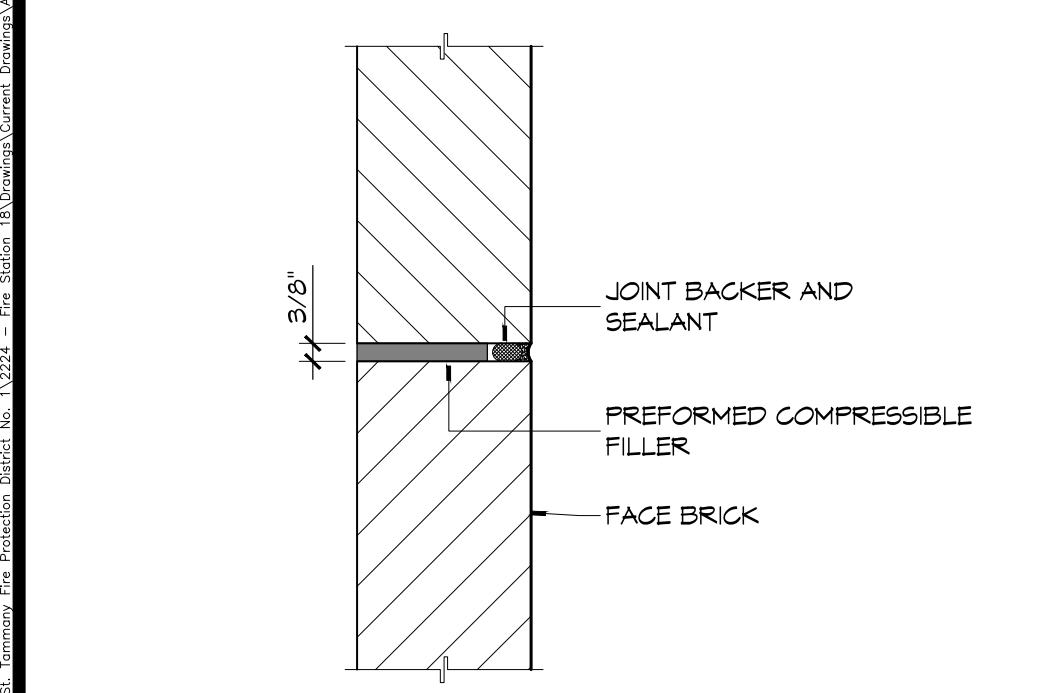
SHEET TITLE:  
INTERIOR ELEVATIONS AND CASEWORK DETAILS

DRAWING NUMBER:  
**A402**

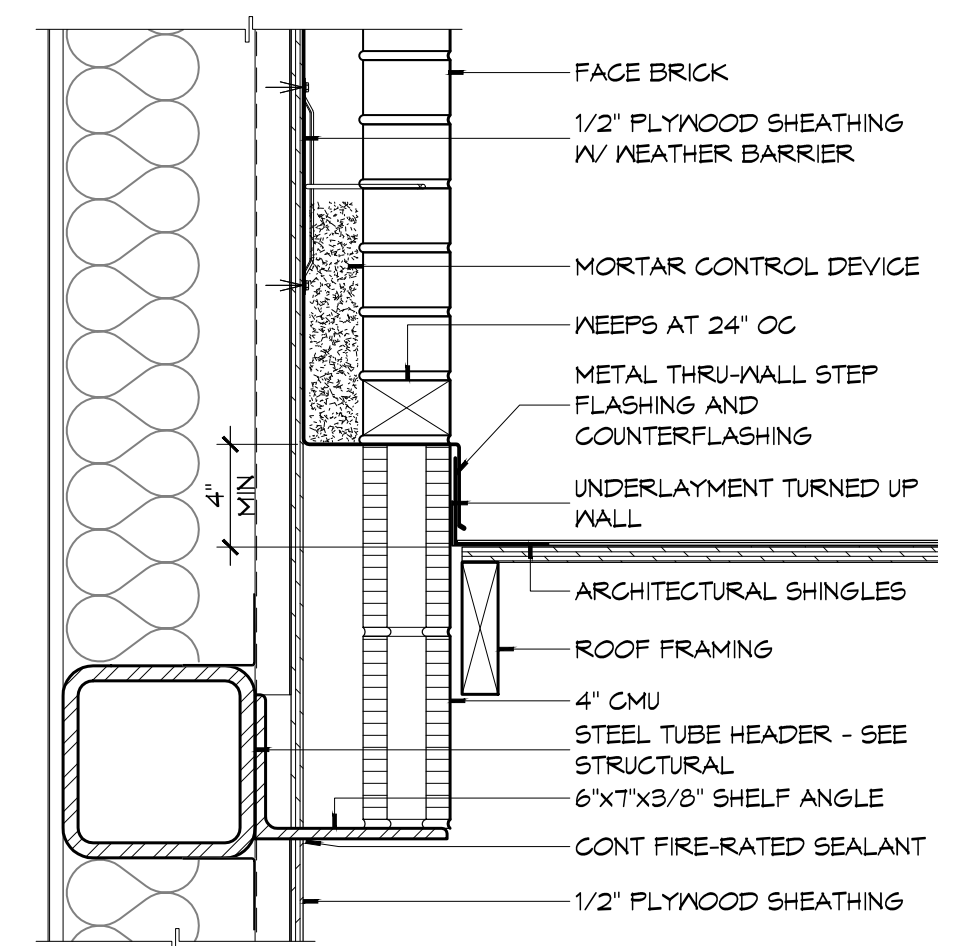
SHEET No: 25 of 36



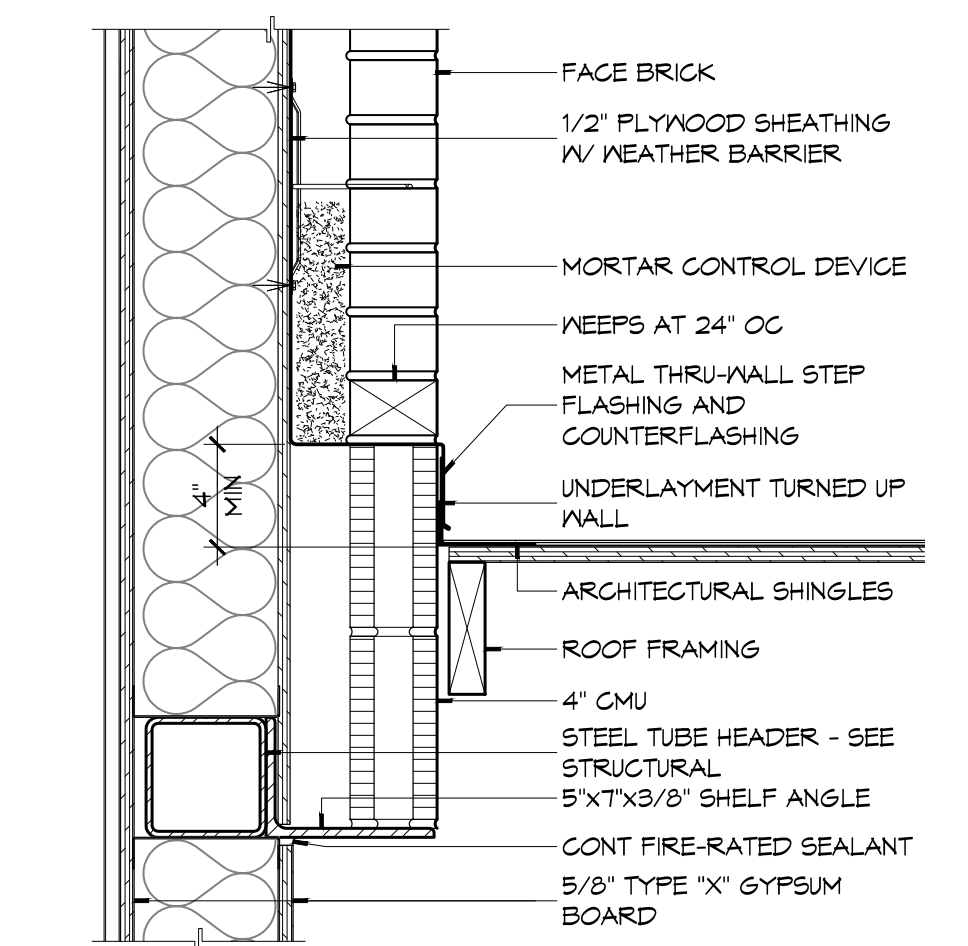
**8 DETAIL**  
SCALE: 3" = 1'-0" TYPICAL MASONRY CONTROL JOINT



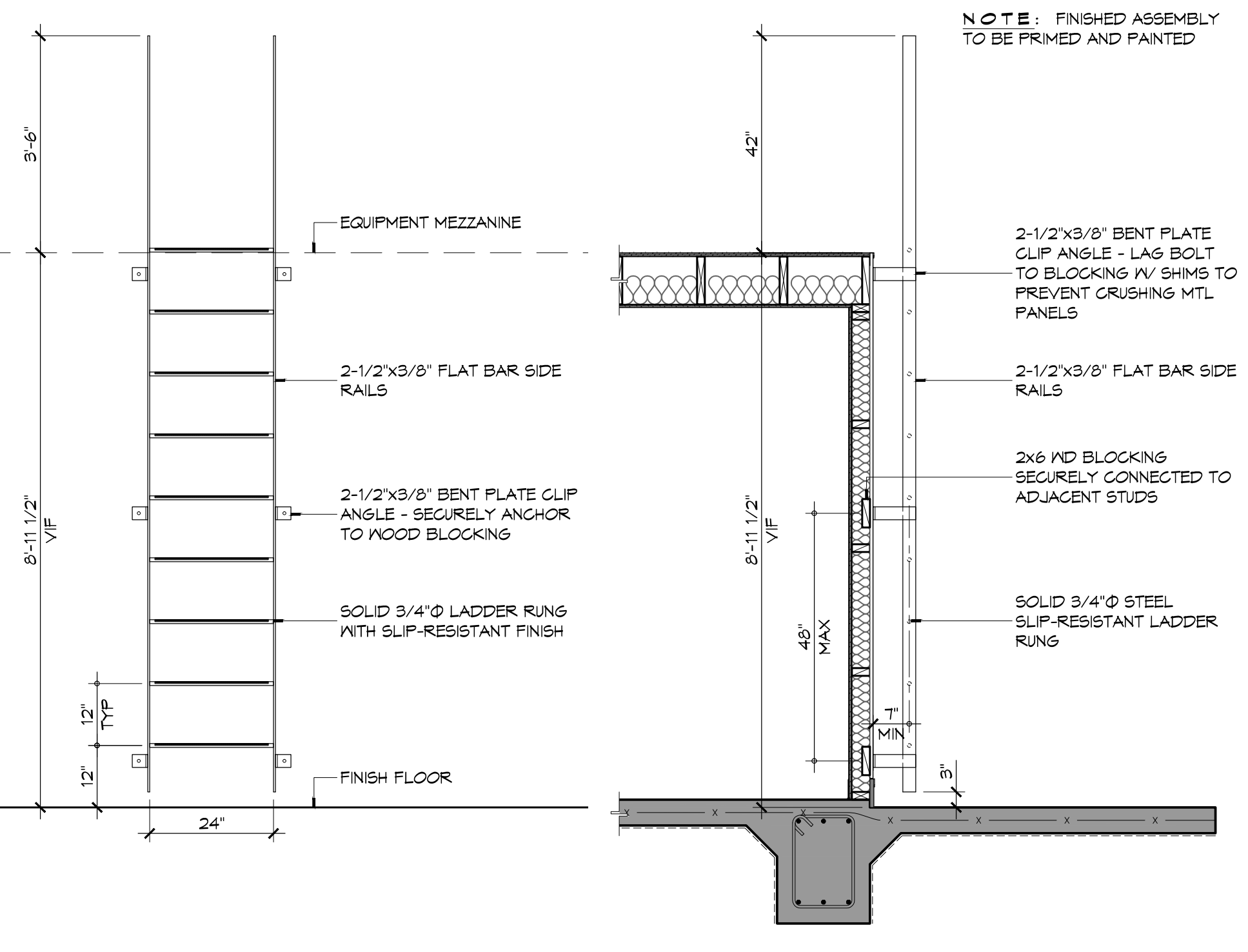
**7 DETAIL**  
SCALE: 1 1/2" = 1'-0" MASONRY SHELF ANGLE AT ROOF



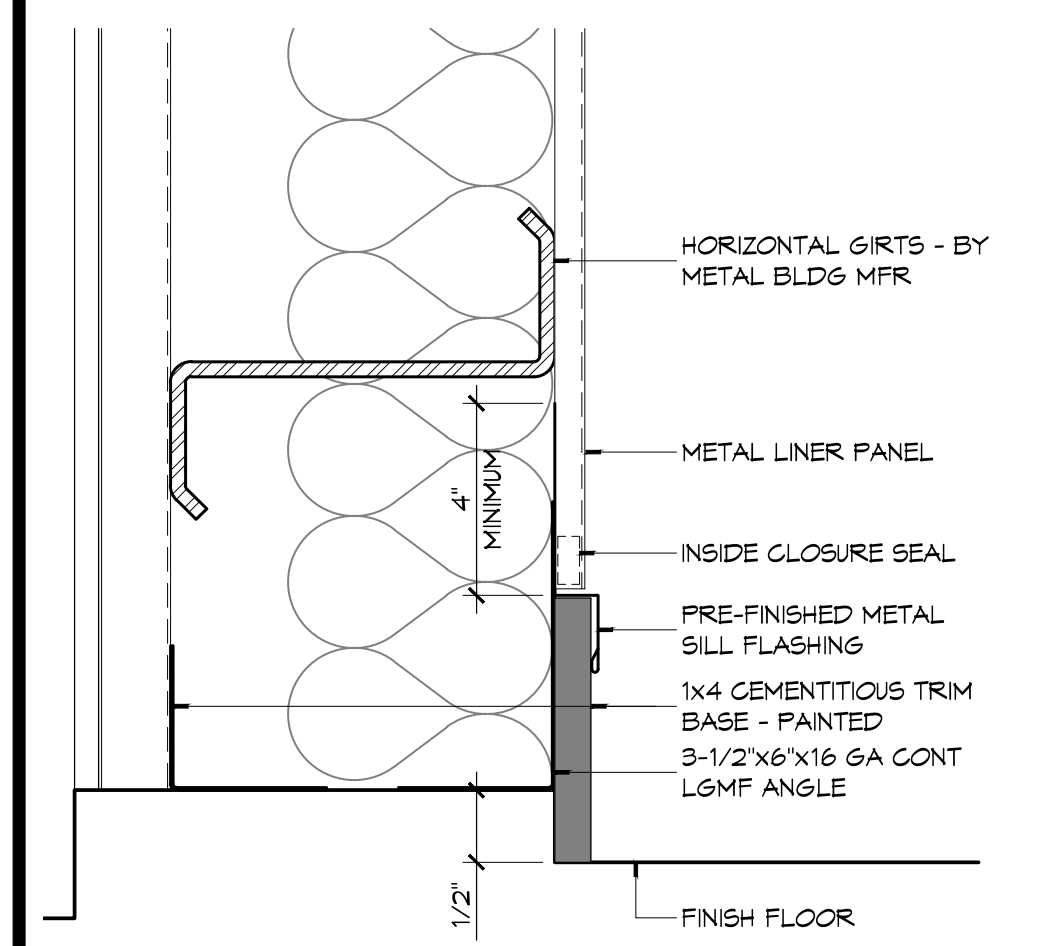
**6 DETAIL**  
SCALE: 1 1/2" = 1'-0" MASONRY SHELF ANGLE AT ROOF



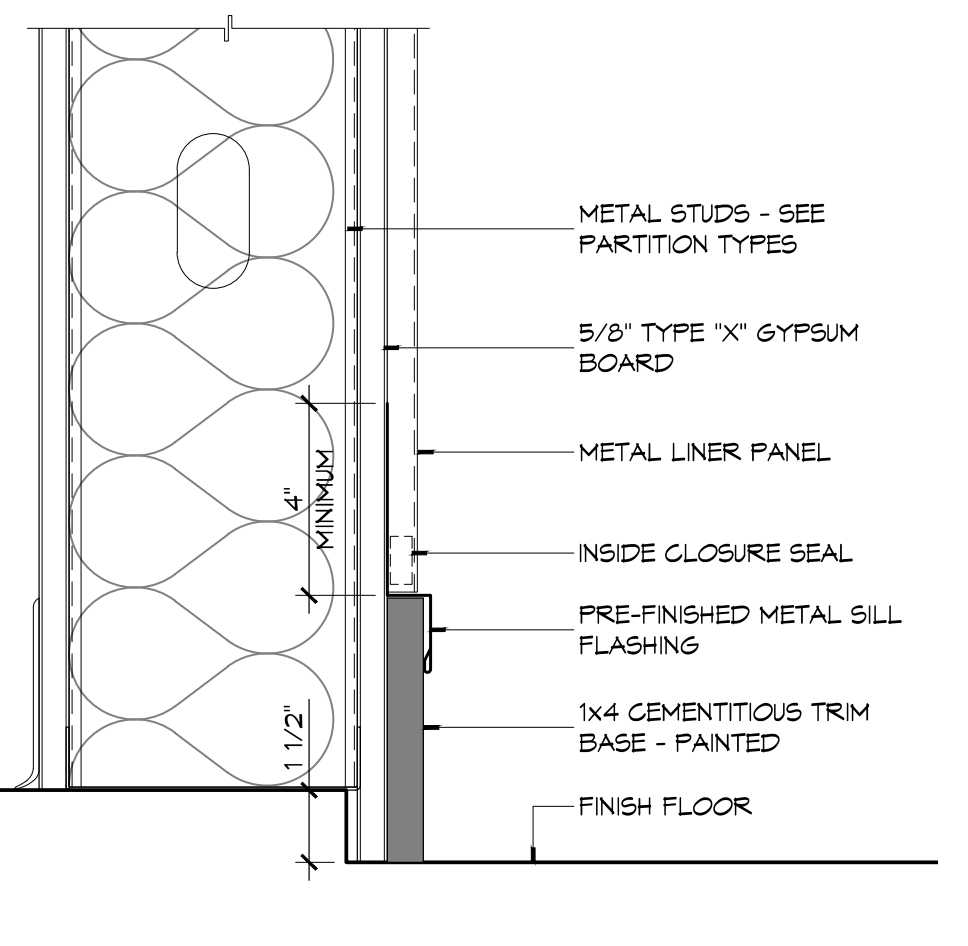
**5 LADDER DETAILS**  
SCALE: 1/2" = 1'-0"



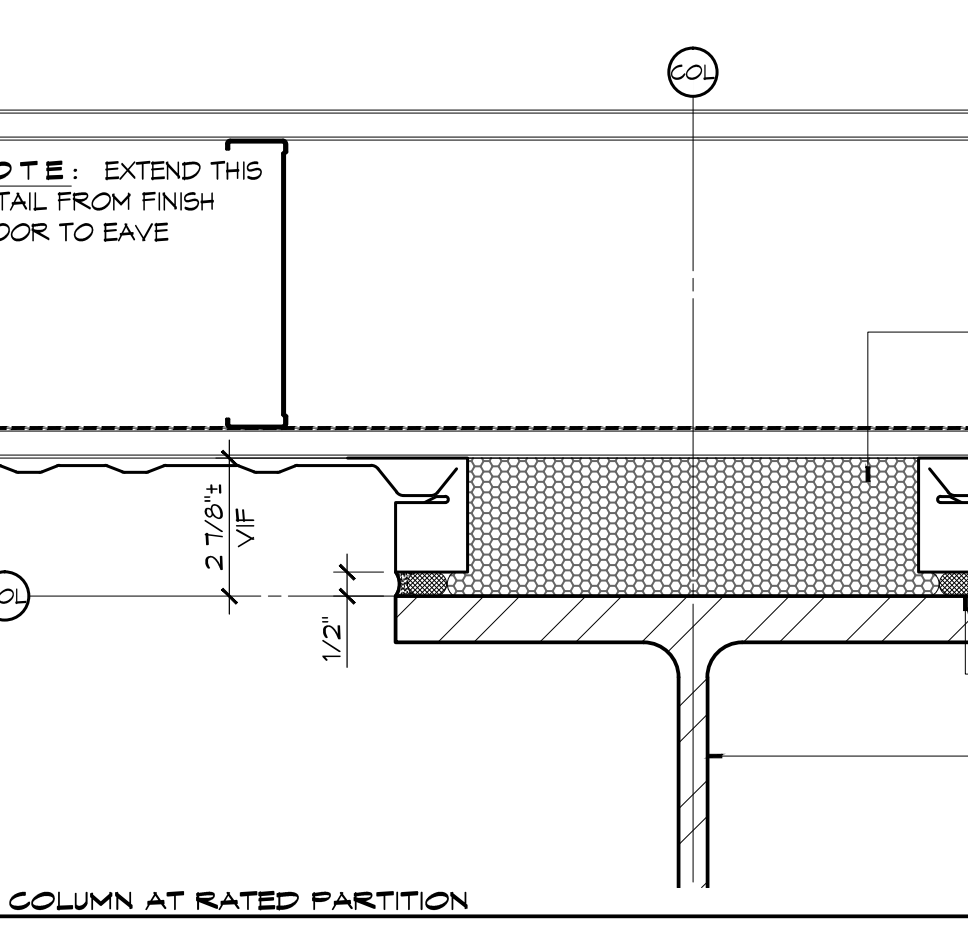
**4 DETAIL**  
SCALE: 3" = 1'-0" TYPICAL BASE/LINER PANEL JUNCTION



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



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



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

**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.

**STENCIL DETAIL**

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

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

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

STATE FIRE RATING INDICATED ON LIFE SAFETY PLAN.

**DAMMON ENGINEERING, INC.**  
Architects & Engineers

Chief Architect: Kevin J. Kitchin, NCARB  
Chief Engineer: Brian Mitchell, PE  
Info@dammoneengineering.com  
554 Old Spanish Trail  
Slidell, LA 70458  
PH: 985.649.5832  
F: 985.641.5990

#	DESCRIPTION	DATE

SEAL:

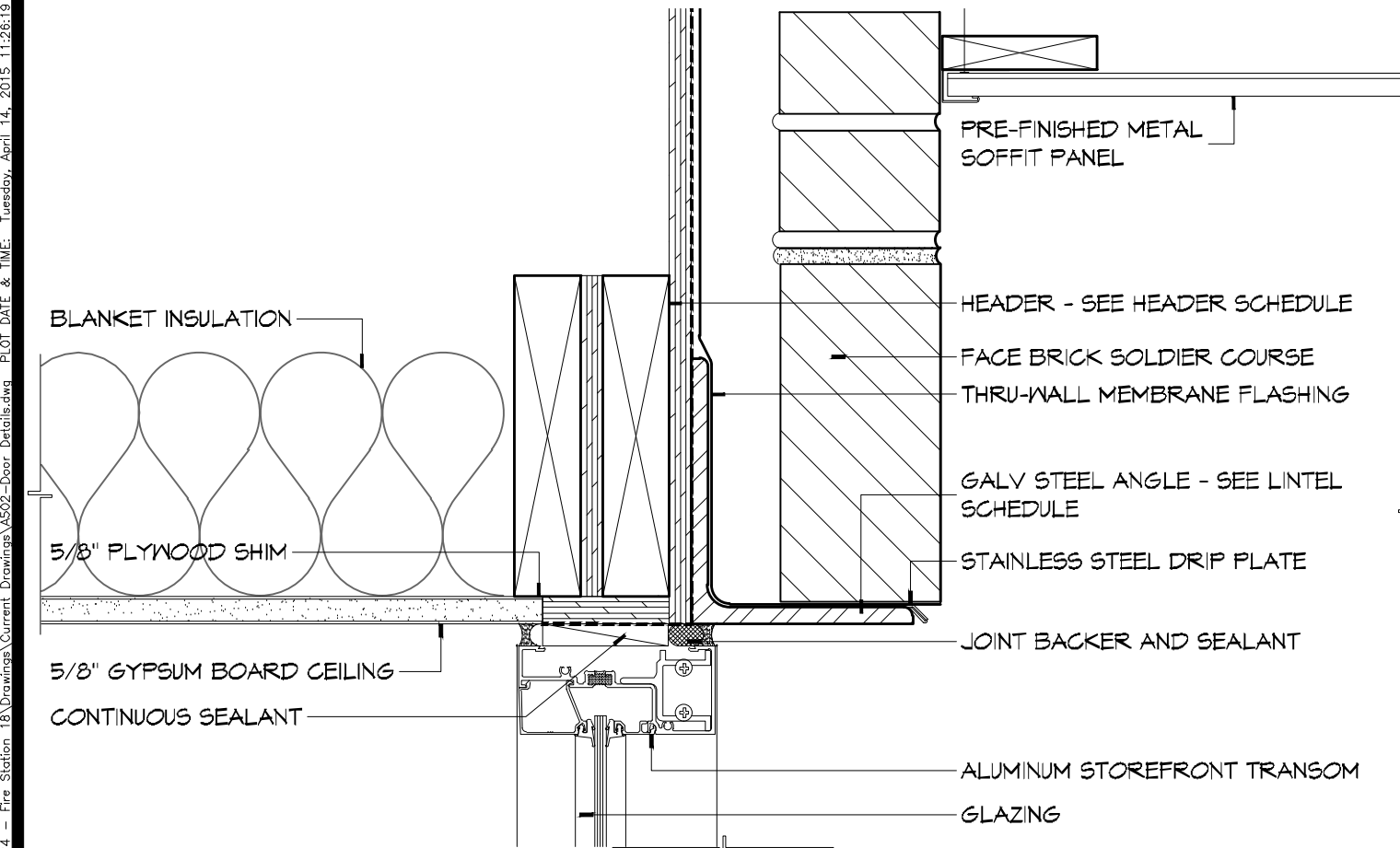
ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1  
**FIRE STATION 18**

6195 AIRPORT ROAD  
SLIDELL, LOUISIANA 70458  
JOB No: 2224  
DATE: APRIL 10, 2015  
DRAWN BY: K-K  
CHECKED BY: K-K

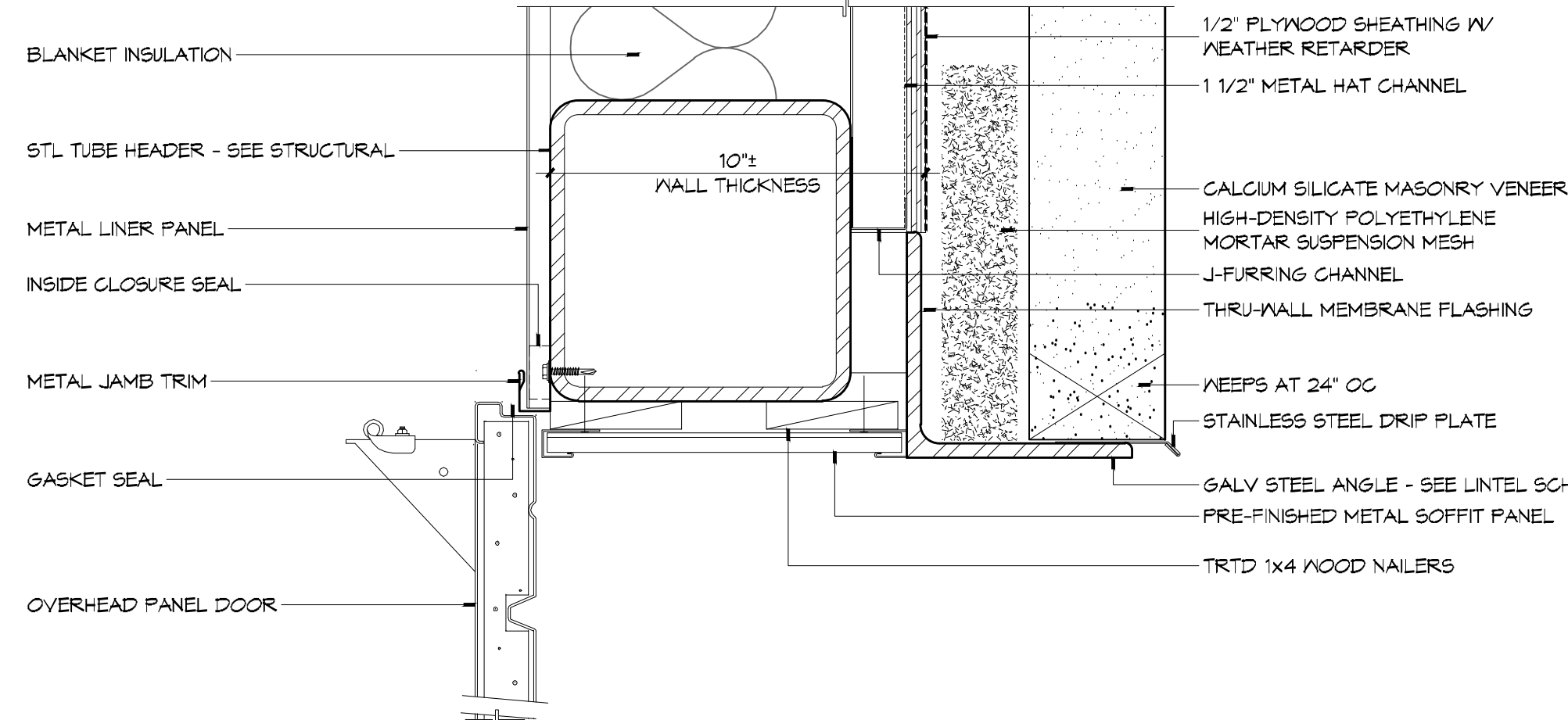
SHEET TITLE:  
PARTITION TYPES,  
MISCELLANEOUS DETAILS

DRAWING NUMBER:  
**A501**

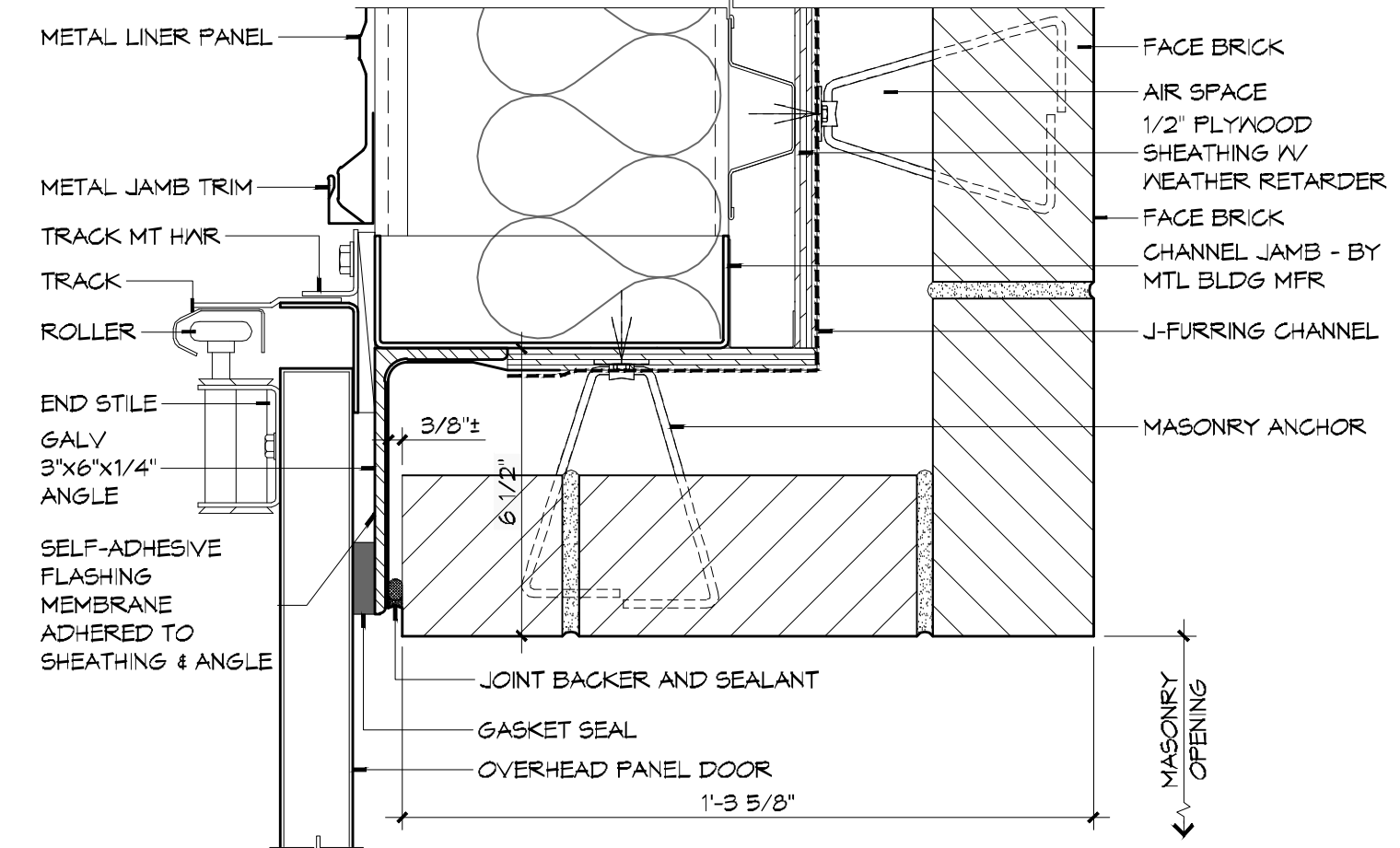
SHEET No: 26 of 36



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

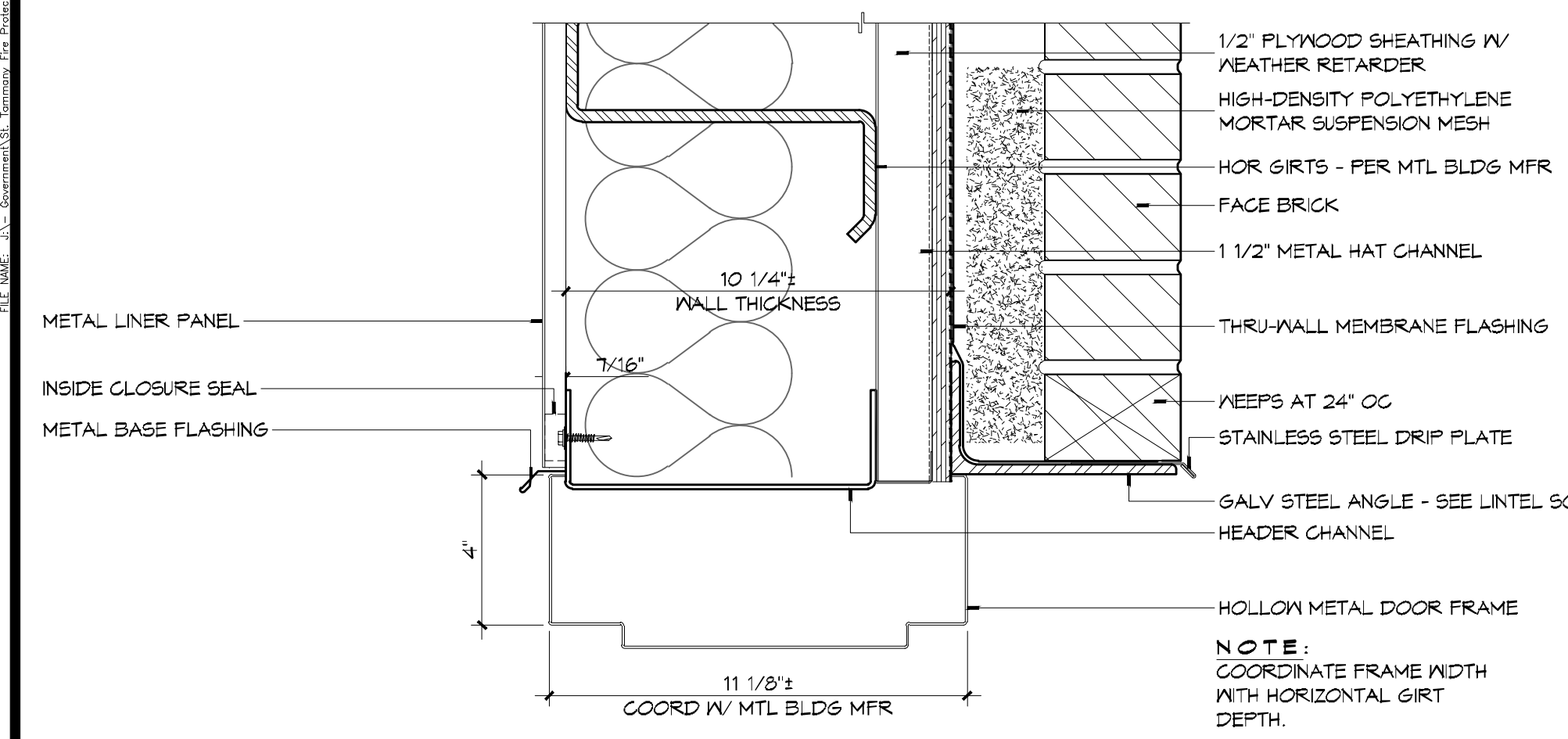


**20 DOOR DETAIL**  
SCALE: 3" = 1'-0"  
HEAD

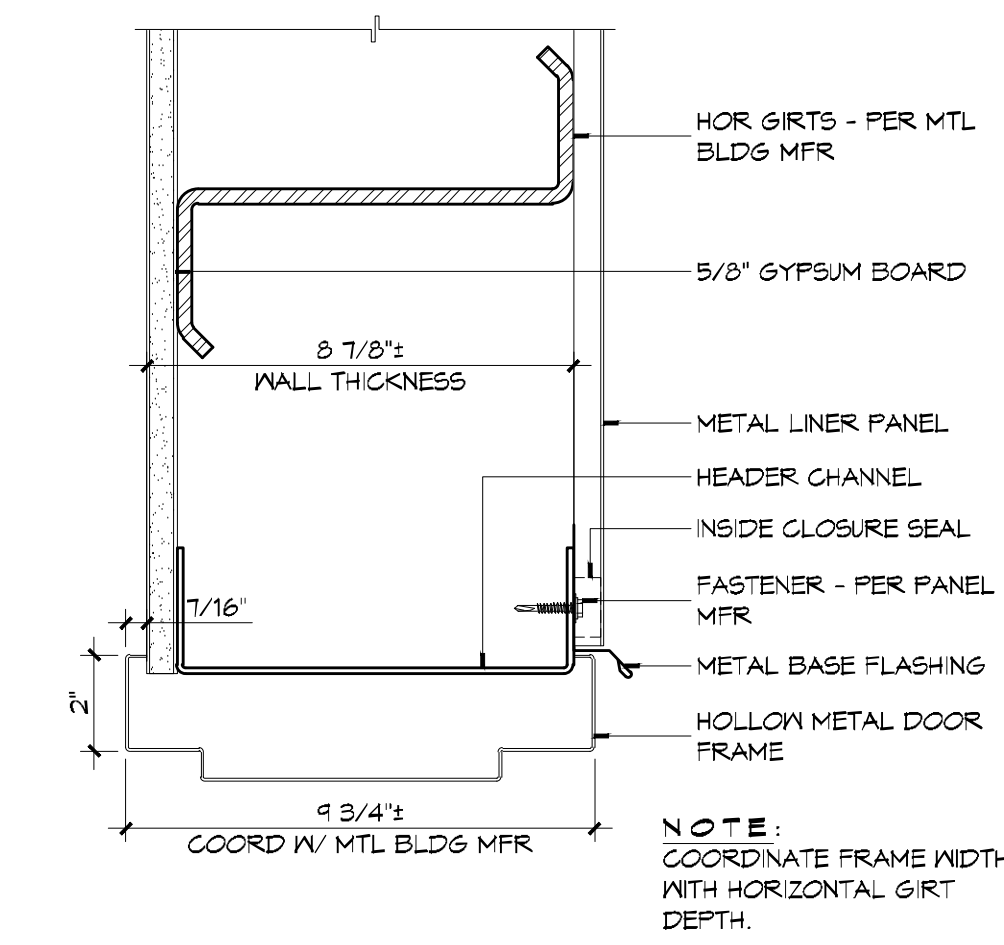


**19 DOOR DETAIL**  
SCALE: 3" = 1'-0"  
JAMB

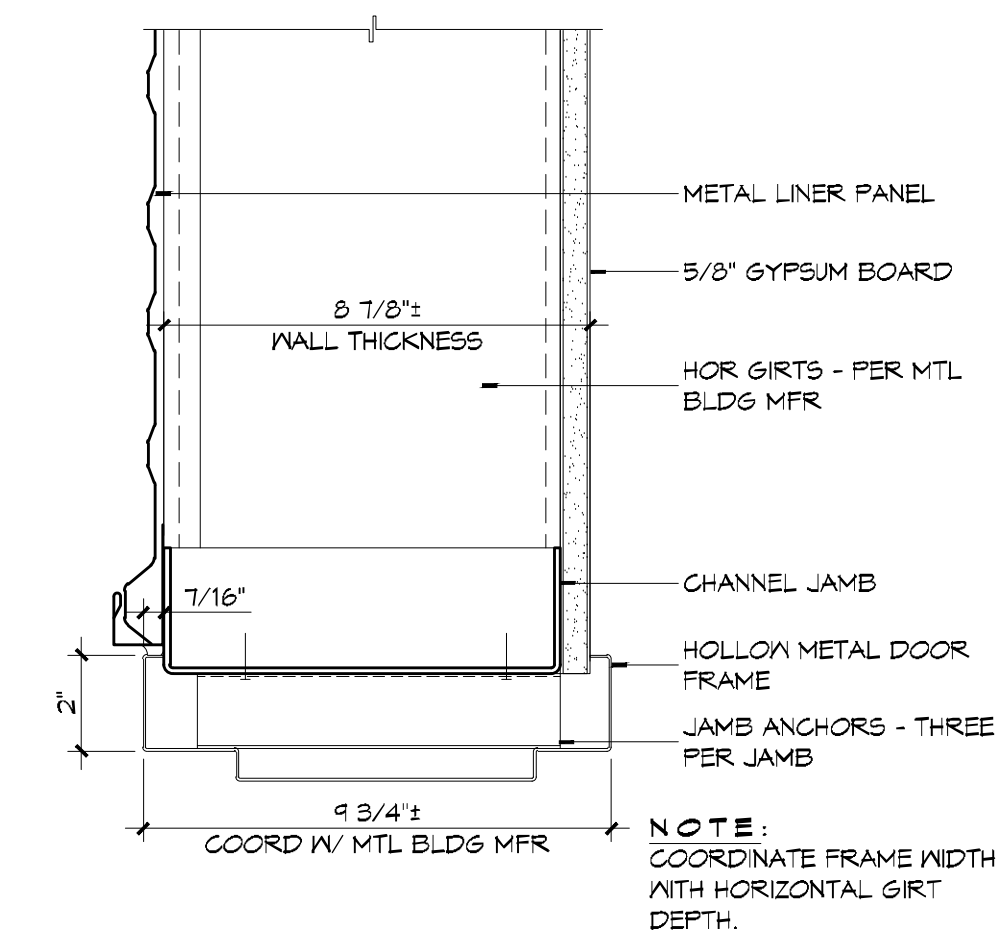
- ### DOOR AND FRAME NOTES
- HOLLOW METAL FRAME DIMENSIONS INDICATED IN THE DETAILS ARE NOMINAL. MANUFACTURER'S STANDARD WIDTH FRAME, WITH THROAT OPENING APPROPRIATE TO WALL TYPE MAY BE PROPOSED IN SHOP DRAWINGS, IF NO OTHER MODIFICATIONS OF THE DETAIL IS REQUIRED.
  - PROVIDE WOOD BLOCKING OR FLAT STRAP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



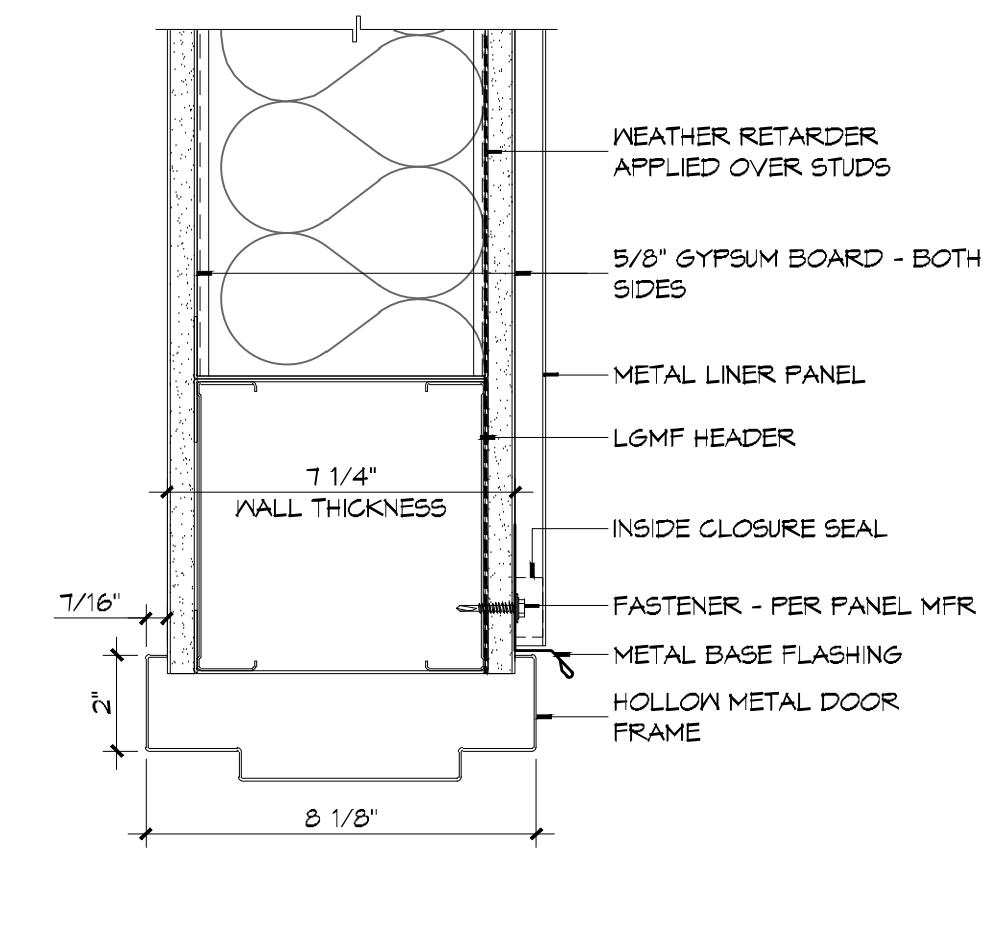
**18 DOOR DETAIL**  
SCALE: 3" = 1'-0"  
HEAD



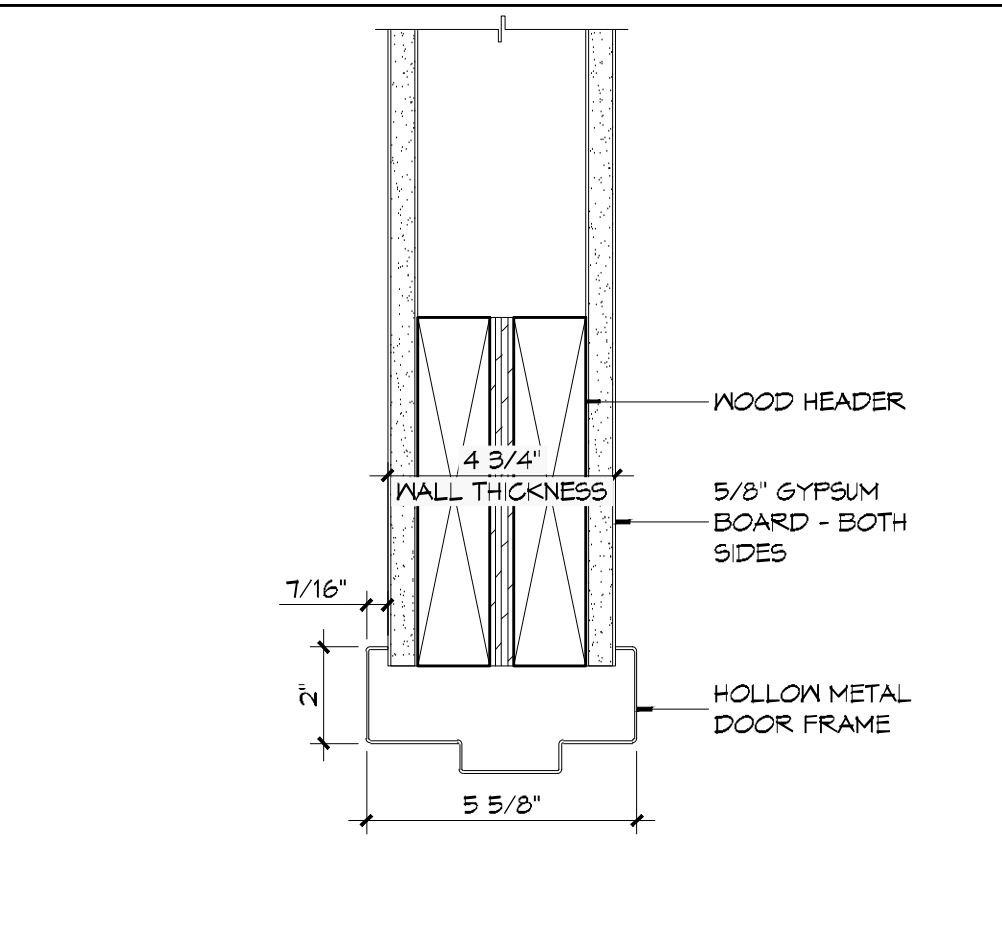
**17 DOOR DETAIL**  
SCALE: 3" = 1'-0"  
HEAD



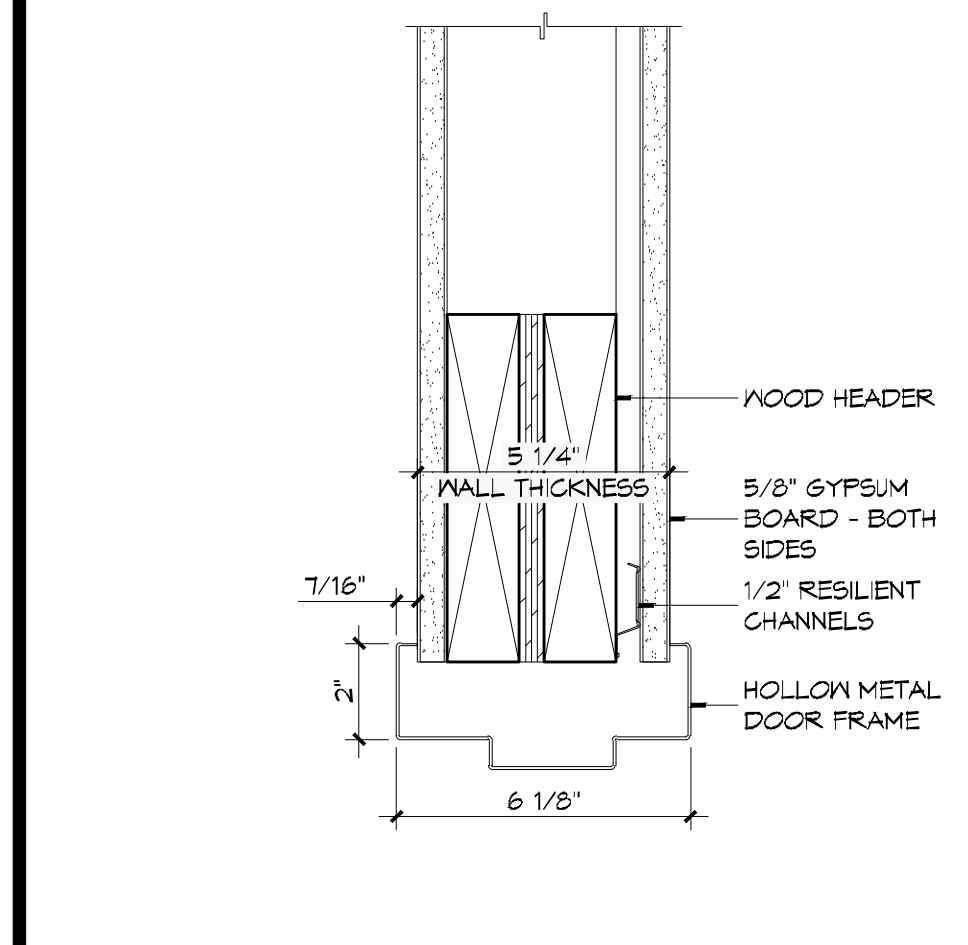
**16 DOOR DETAIL**  
SCALE: 3" = 1'-0"  
JAMB



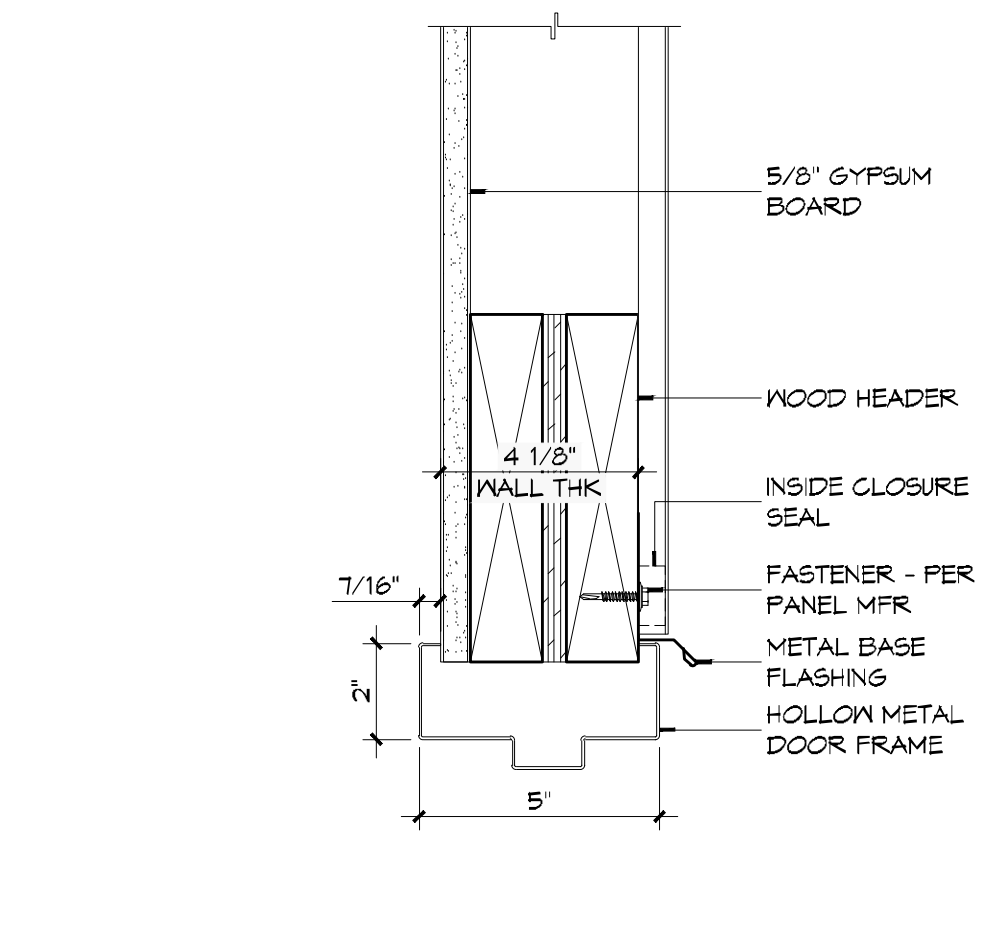
**15 DOOR DETAIL**  
SCALE: 3" = 1'-0"  
HEAD



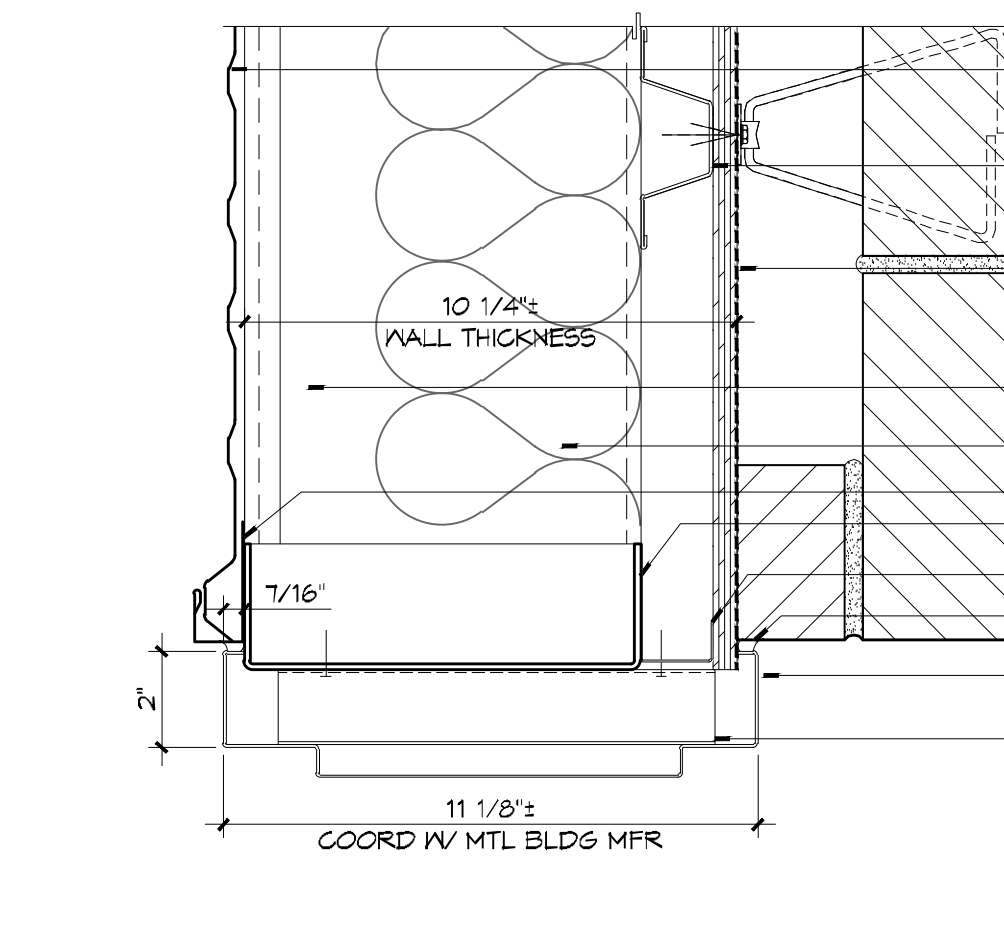
**14 DOOR DETAIL**  
SCALE: 3" = 1'-0"  
HEAD



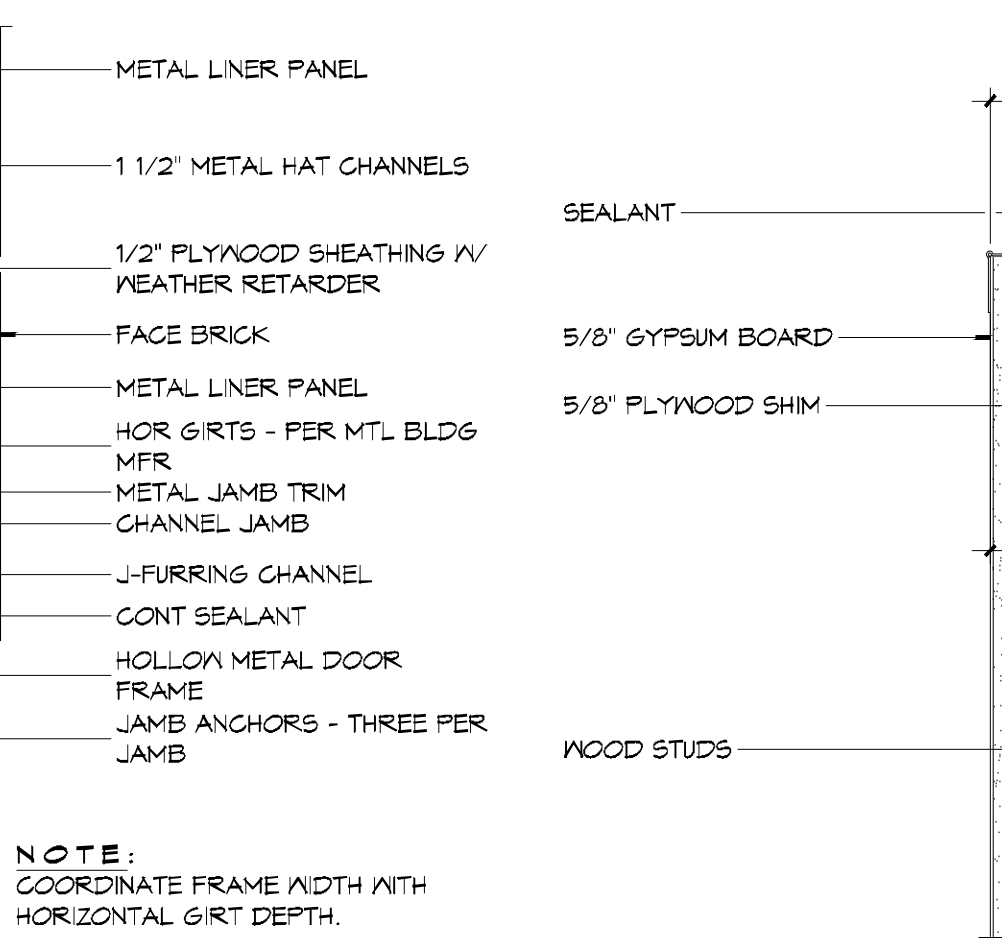
**13 DOOR DETAIL**  
SCALE: 3" = 1'-0"  
SILL



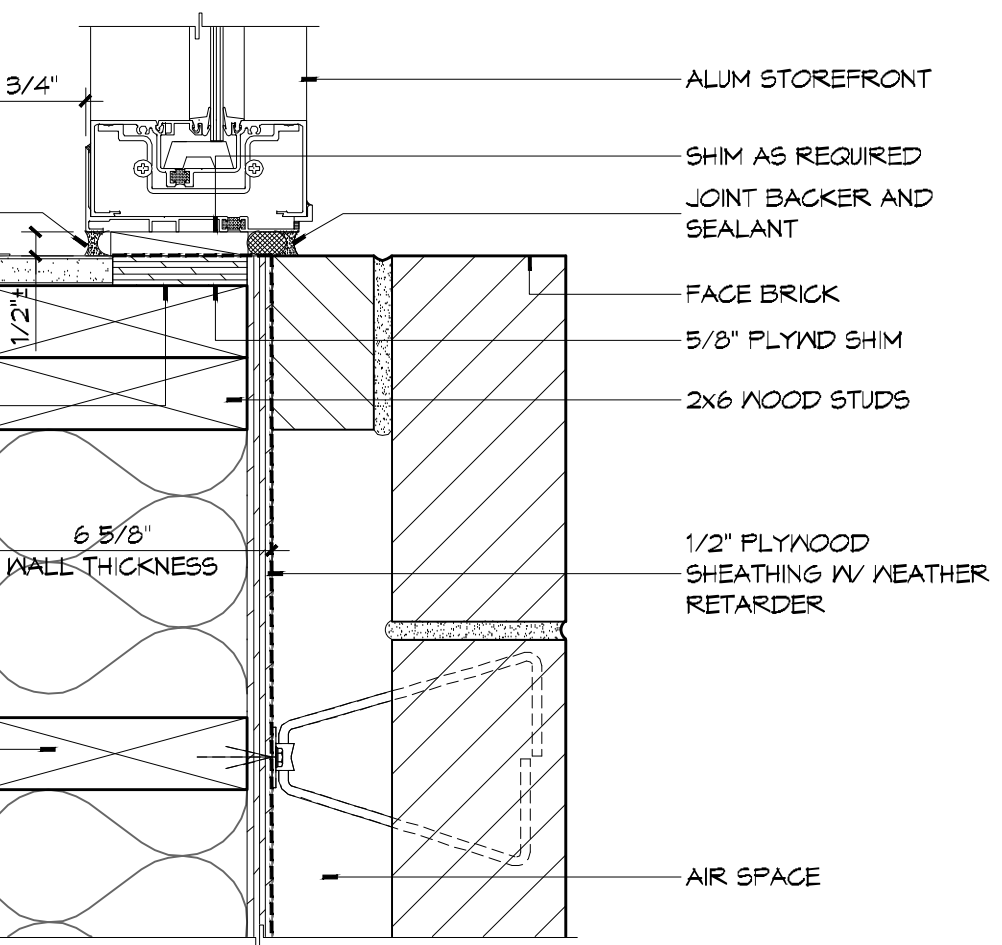
**12 DOOR DETAIL**  
SCALE: 3" = 1'-0"  
SILL



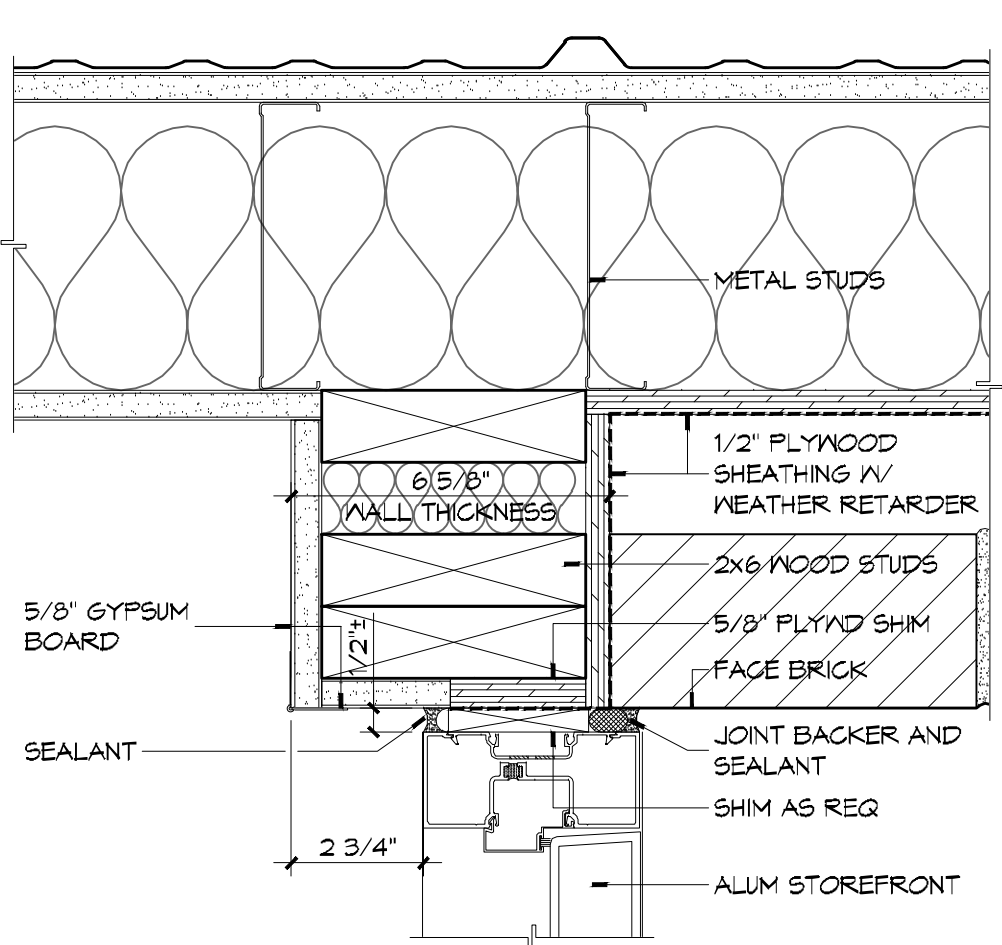
**11 DOOR DETAIL**  
SCALE: 3" = 1'-0"  
JAMB



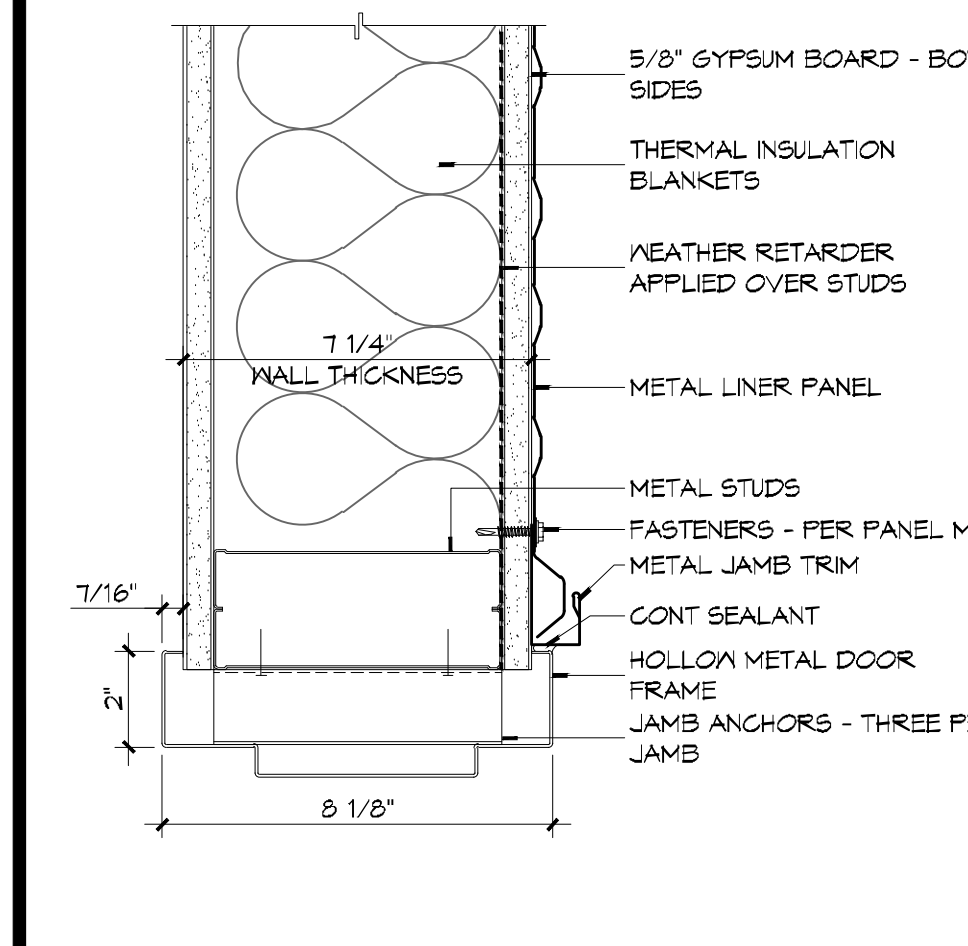
**10 DOOR DETAIL**  
SCALE: 3" = 1'-0"  
JAMB



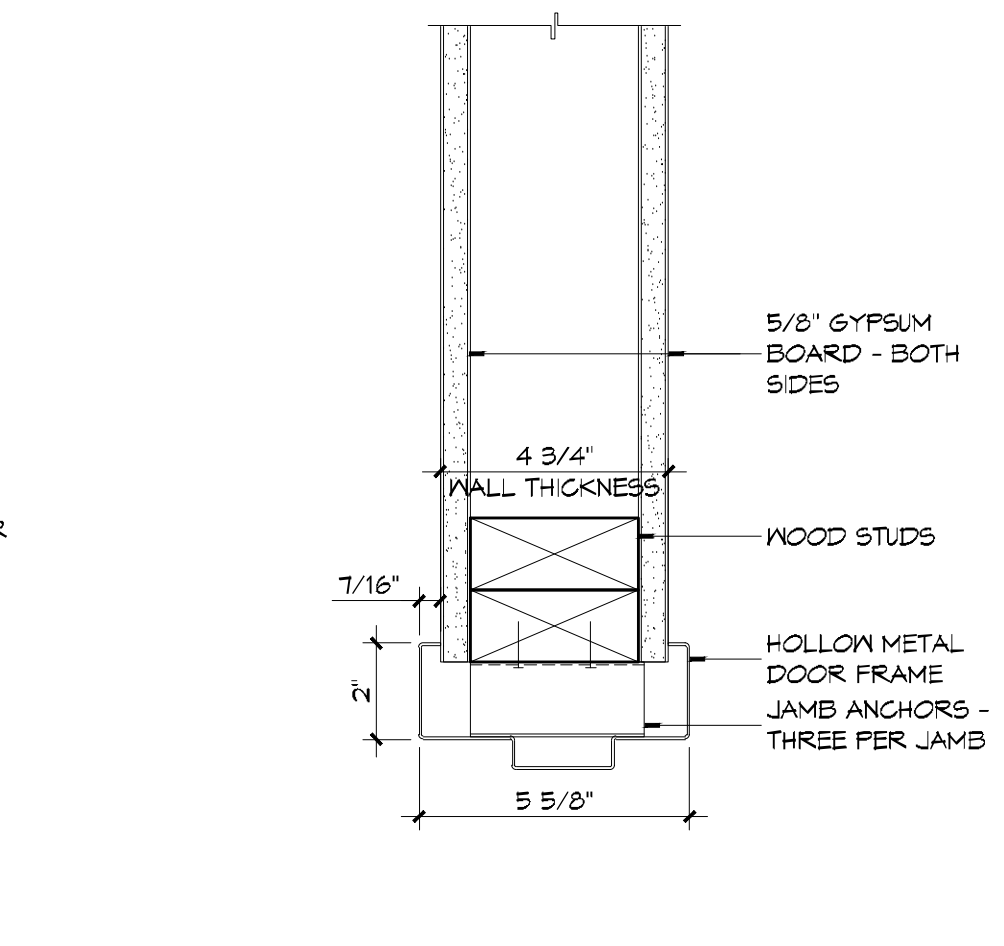
**9 DOOR DETAIL**  
SCALE: 3" = 1'-0"  
JAMB



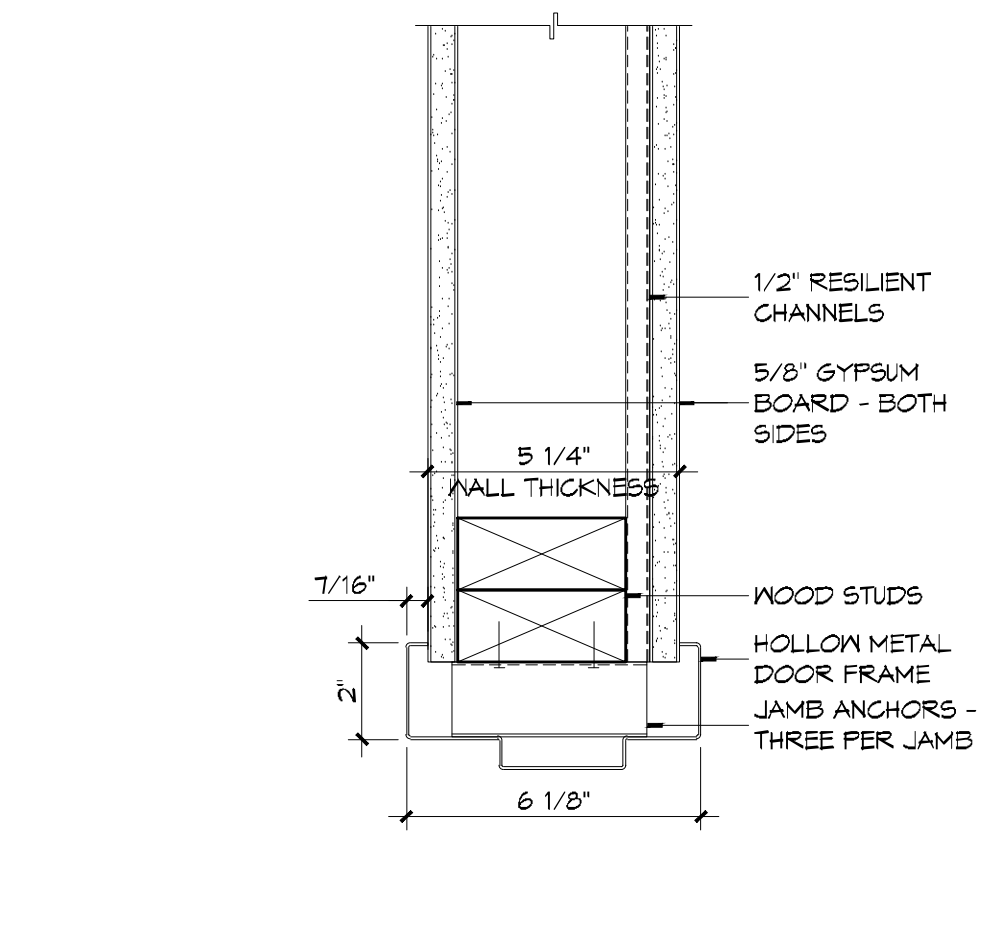
**8 DOOR DETAIL**  
SCALE: 3" = 1'-0"  
SILL



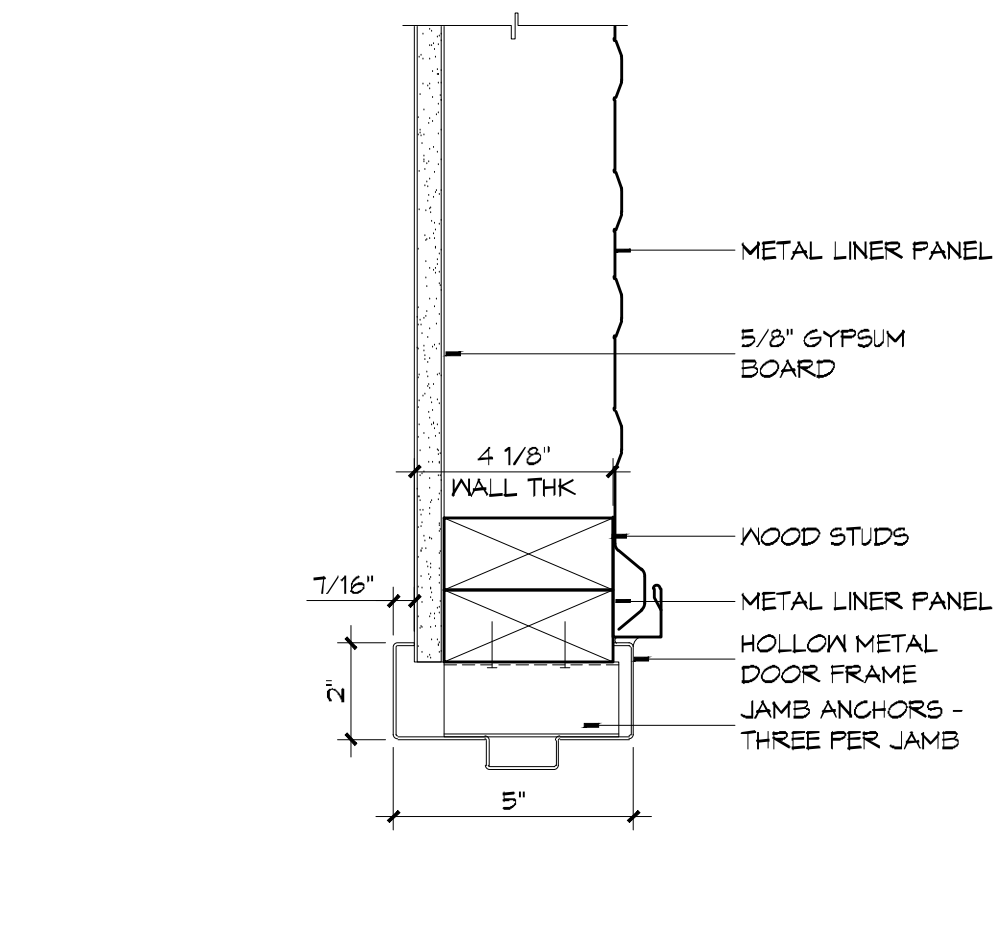
**6 DOOR DETAIL**  
SCALE: 3" = 1'-0"  
JAMB



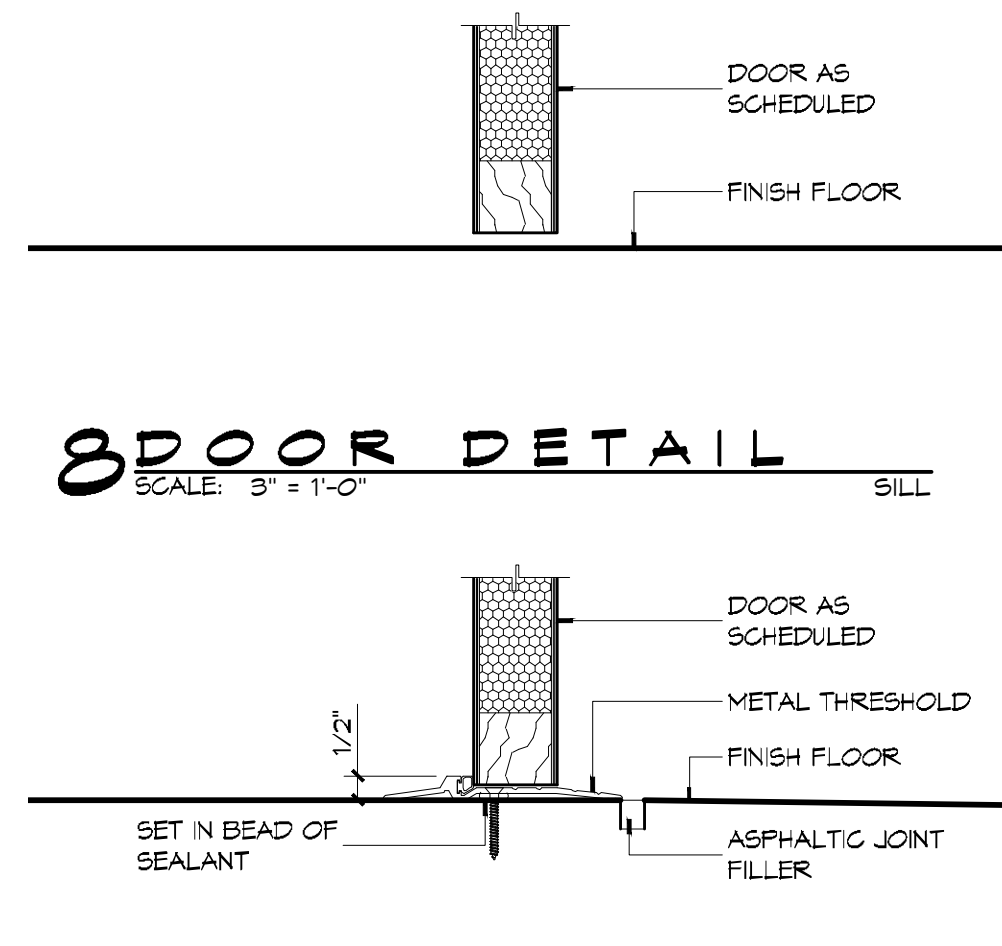
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SCALE: 3" = 1'-0"  
JAMB



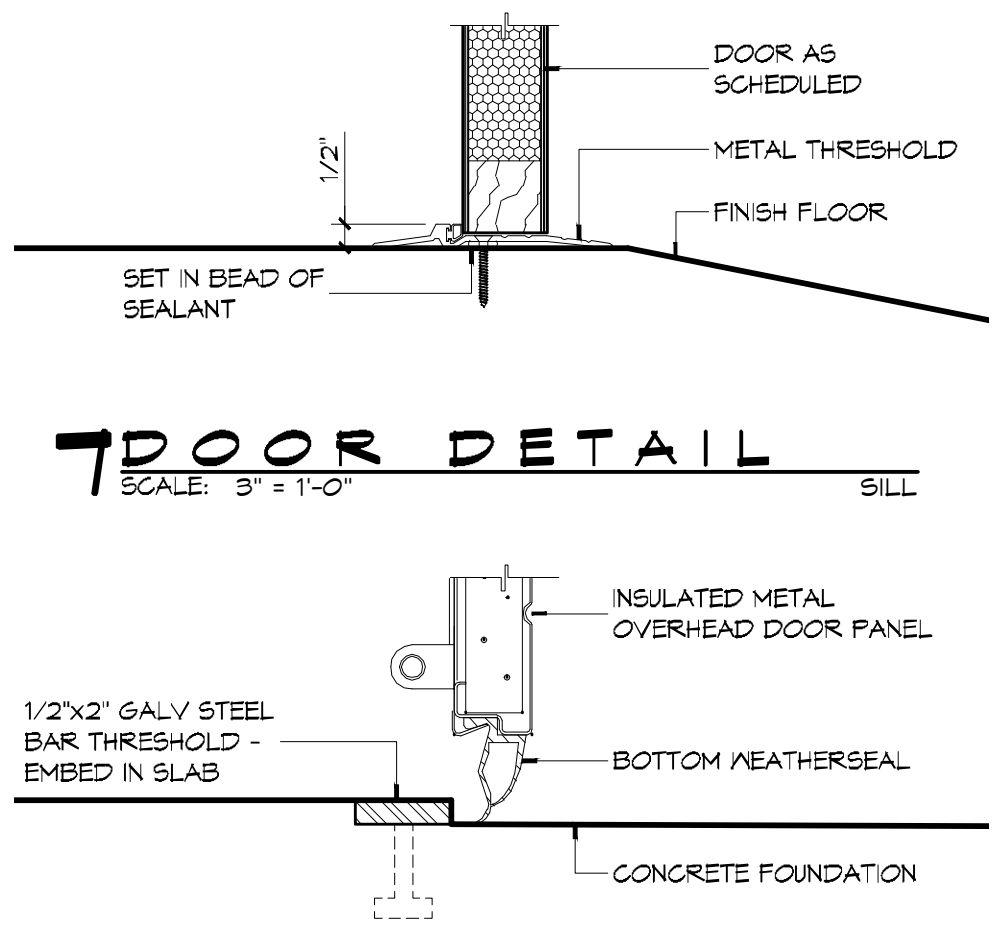
**4 DOOR DETAIL**  
SCALE: 3" = 1'-0"  
JAMB



**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.  
Architects & Engineers  
www.dammonengineering.com  
info@dammonengineering.com  
554 Old Spanish Trail  
Stidell, LA 70458  
F. 985.641.5950

#	DESCRIPTION	DATE

SEAL: \_\_\_\_\_

ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1  
**FIRE STATION 18**  
6185 A REPORT ROAD  
SLIDELL, LOUISIANA 70458  
JOB No: 2224  
DATE: APRIL 10, 2015  
DRAWN BY: K-K  
CHECKED BY: K-K

SHEET TITLE:  
DOOR DETAILS

DRAWING NUMBER:  
**A502**

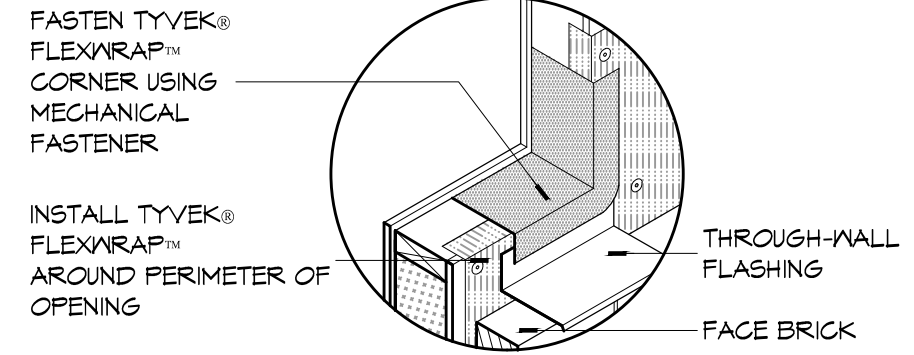
SHEET No: 27 of 36

**DOOR SCHEDULE**

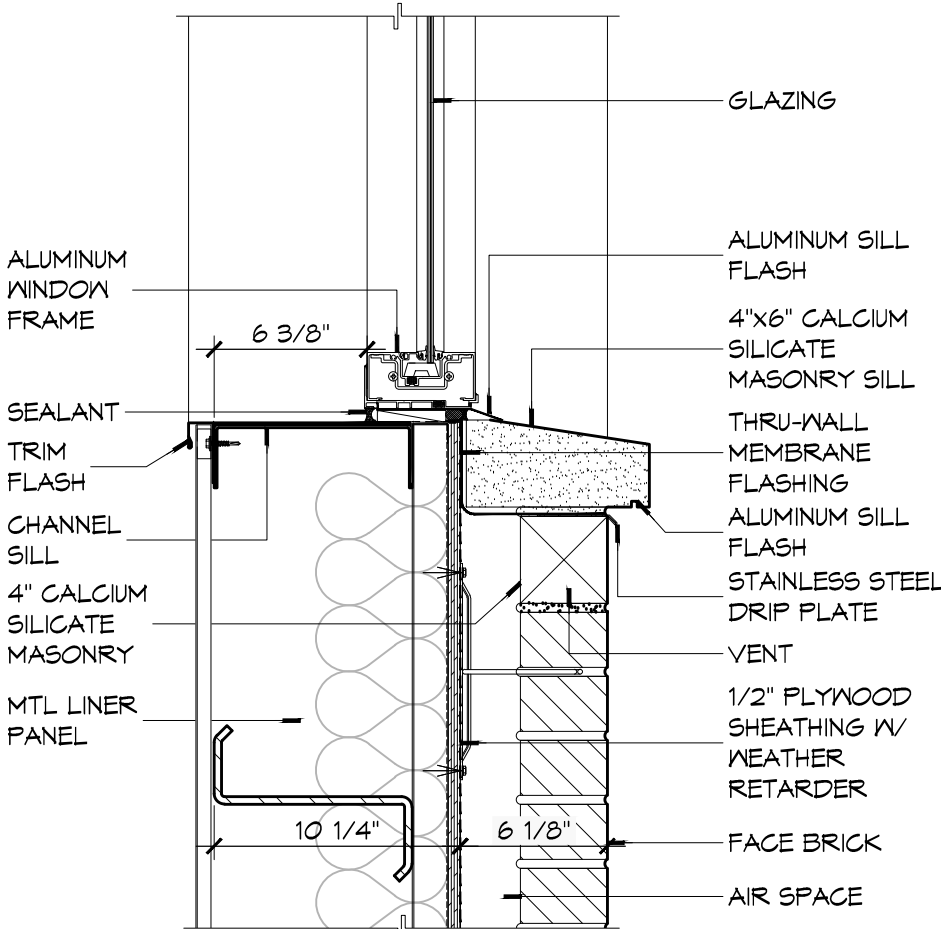
MK	WIDTH	HEIGHT	TYPE	THICK	DOOR MATERIAL	FRAME MATERIAL	FRAME TYPE	HEAD	JAMB	SILL	FR	HWR	REMARKS
101A	3'-0"	T'-0"	FG	1 3/4"	ALUM	ALUM	F1	21/A502	9/A502 & 10/A502	7/A502	NR	O1	
101B	3'-0"	T'-0"	F	1 3/4"	INSUL MTL	HM	F4	15/A502	6/A502	1/A502	45 MIN	O1	
102A	3'-0"	T'-0"	GG	1 3/4"	ALUM	ALUM	F2	21/A502	10/A502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

**WINDOW SCHEDULE**

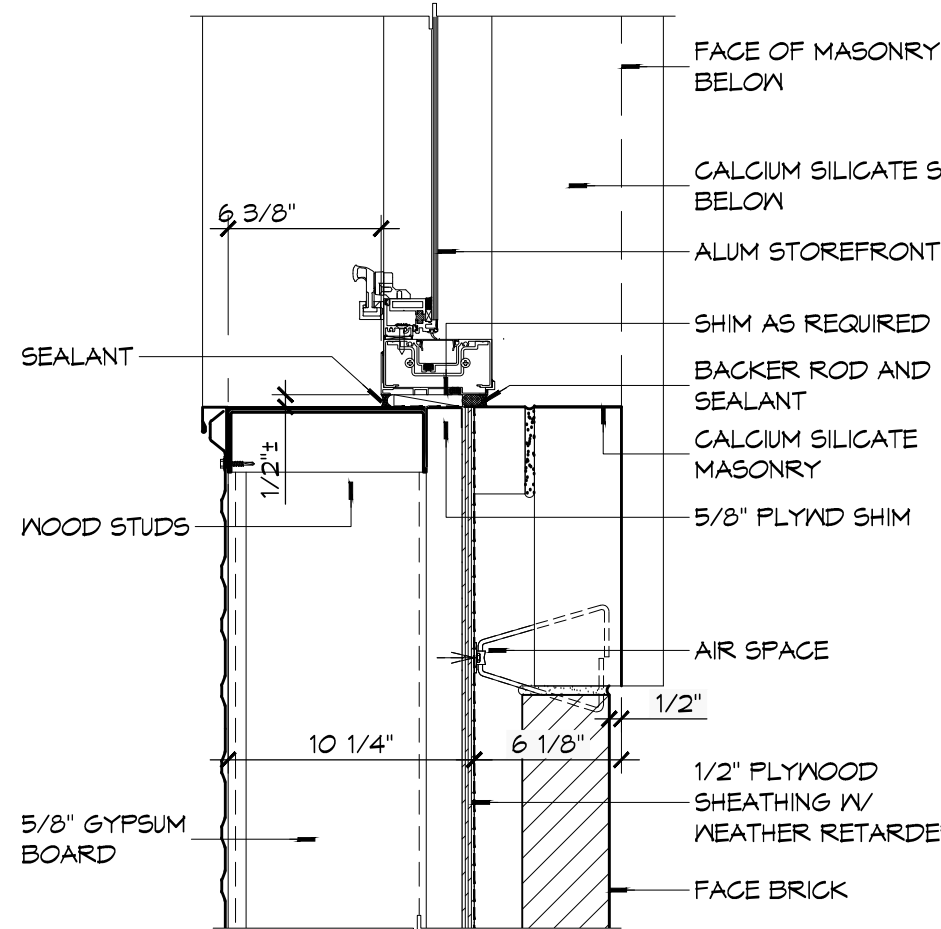
MK	SIZE (WxH)	FRAME	TYPE	GLAZING	REMARKS
A	2'-8"x4'-0"	ALUM	OPERABLE	TEMPERED	
B	3'-2"x4'-0"	ALUM	FIXED	TEMPERED	
C	2'-8"x4'-0"	ALUM	OPERABLE	TEMPERED	6WB FINISH INSTEAD OF MTL LINER PANEL
D	2'-8"x4'-0"	ALUM	OPERABLE	TEMPERED/TRANSLUCENT	OBSCURE/TRANSLUCENT GLASS



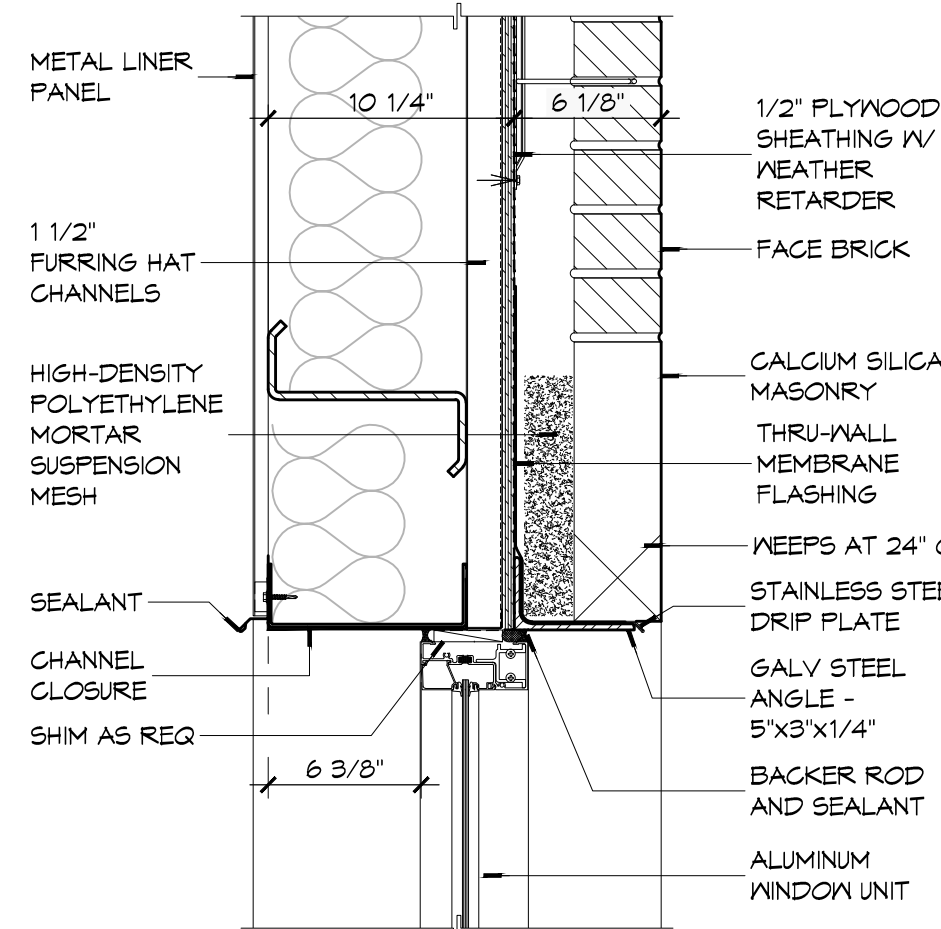
**10 DETAIL**  
SCALE: NTS  
TYPICAL WINDOW SILL FLASHING



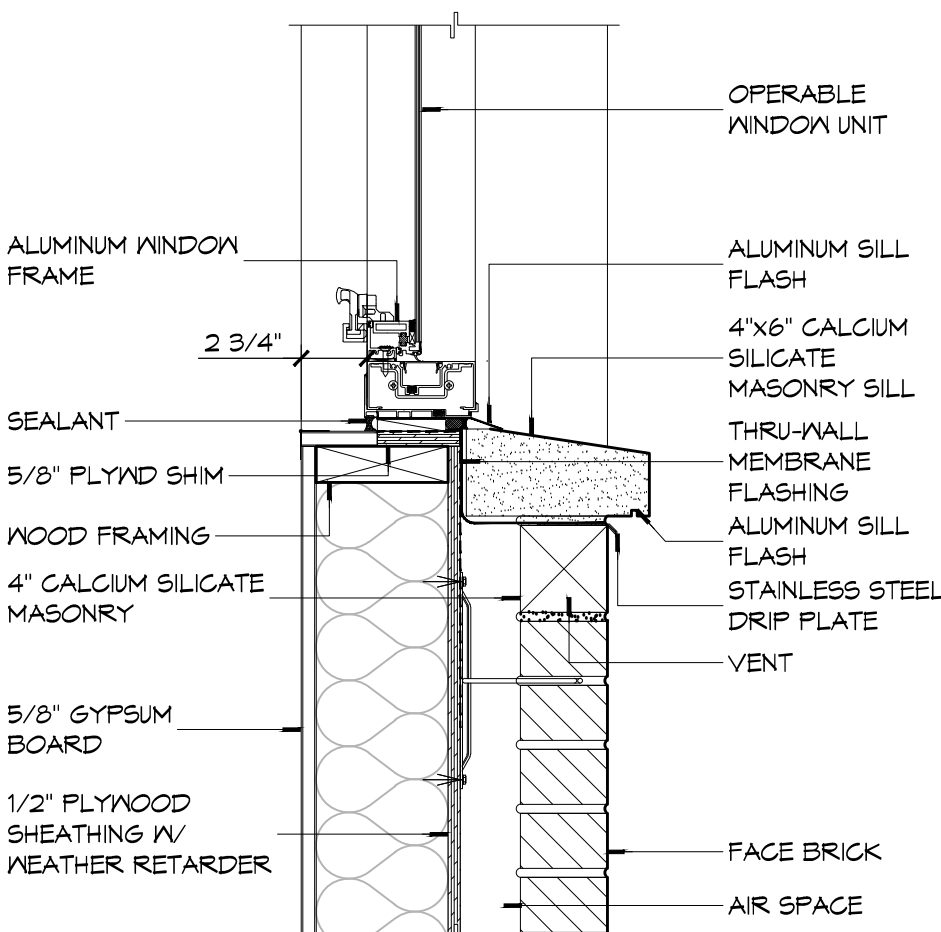
**9 WINDOW DETAIL**  
SCALE: 1 1/2" = 1'-0"  
SILL



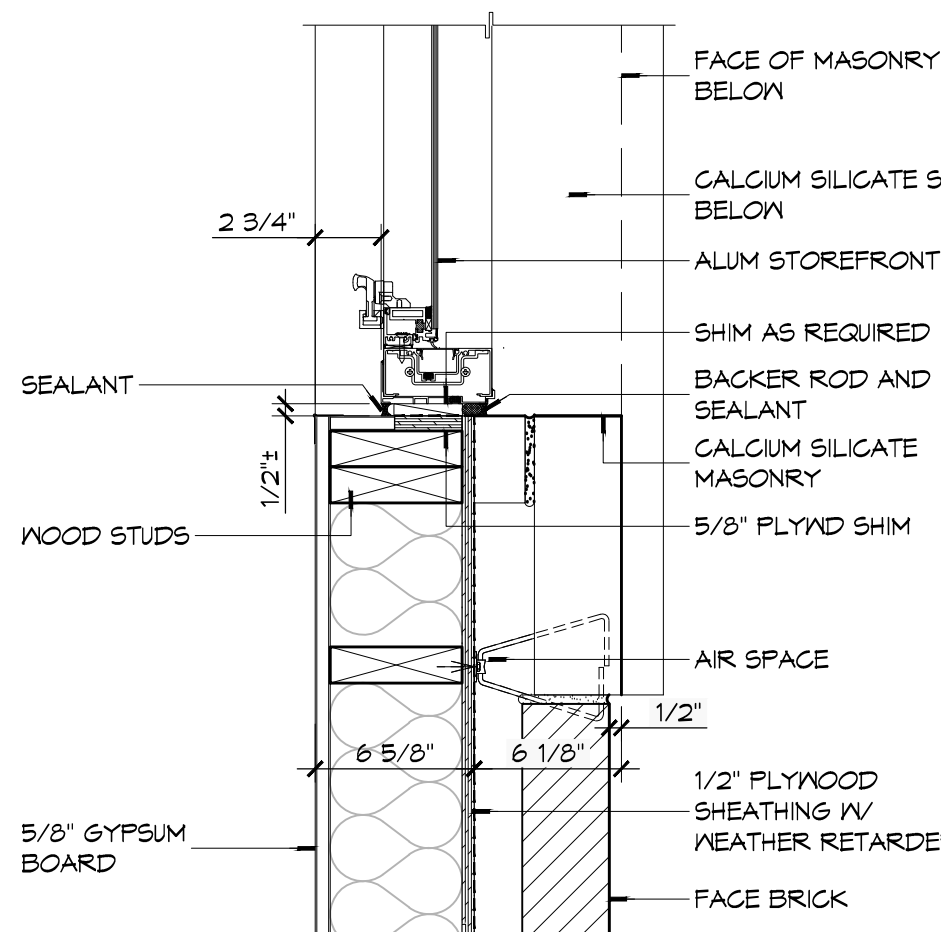
**8 WINDOW DETAIL**  
SCALE: 1 1/2" = 1'-0"  
JAMB



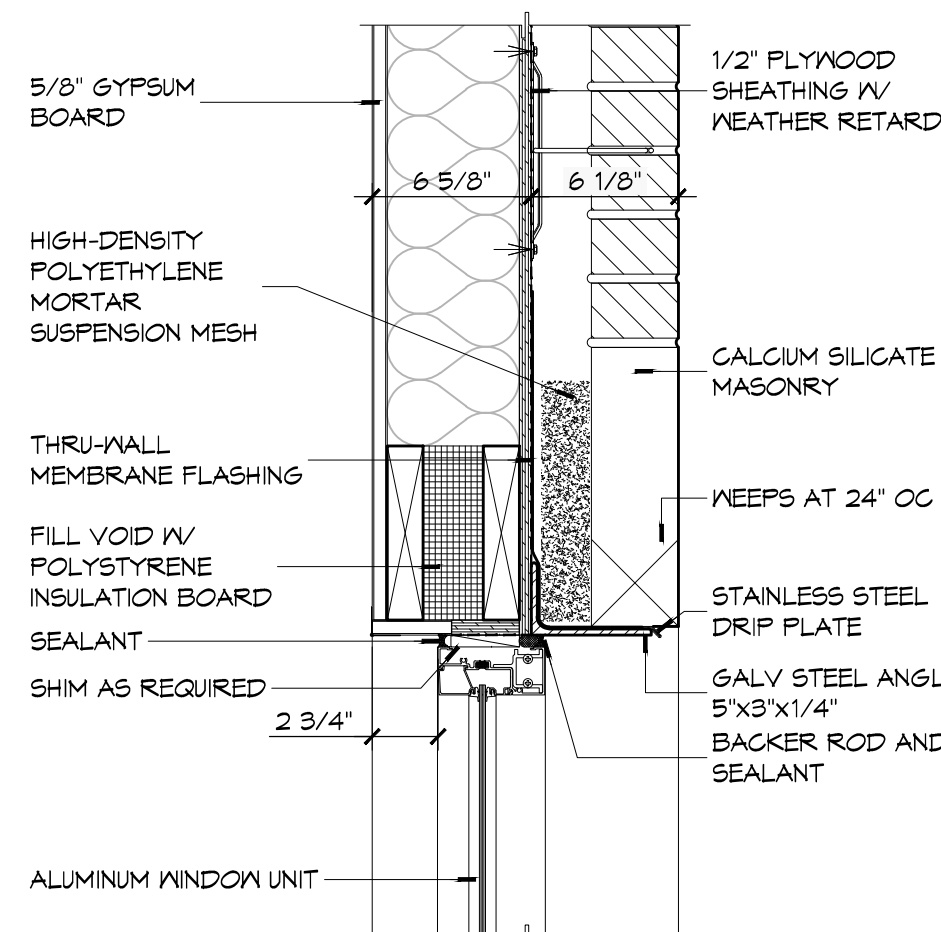
**7 WINDOW DETAIL**  
SCALE: 1 1/2" = 1'-0"  
HEAD



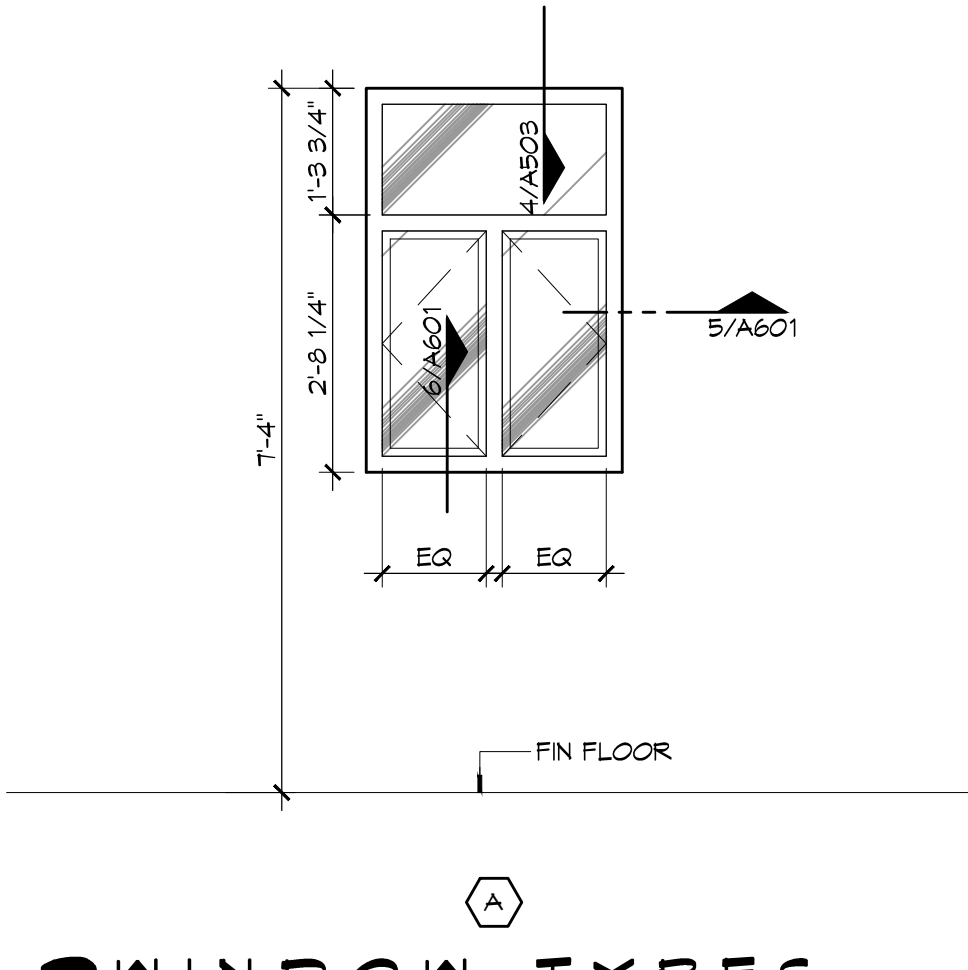
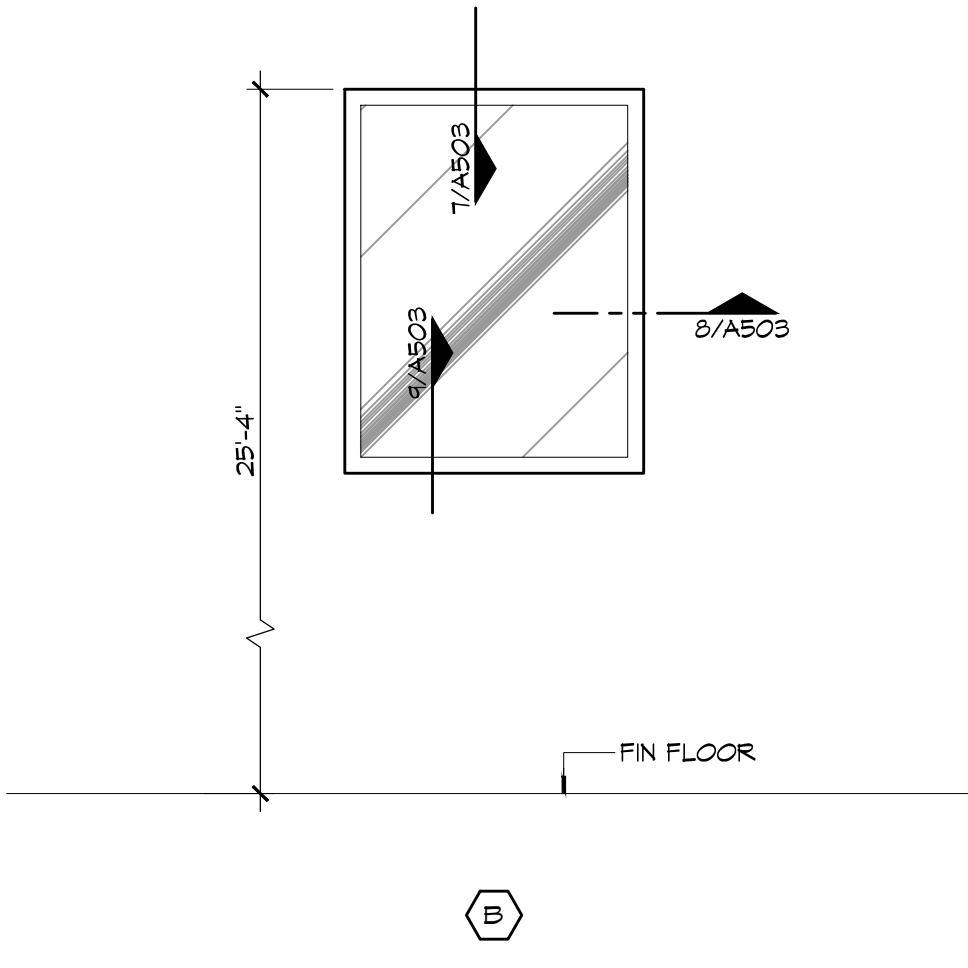
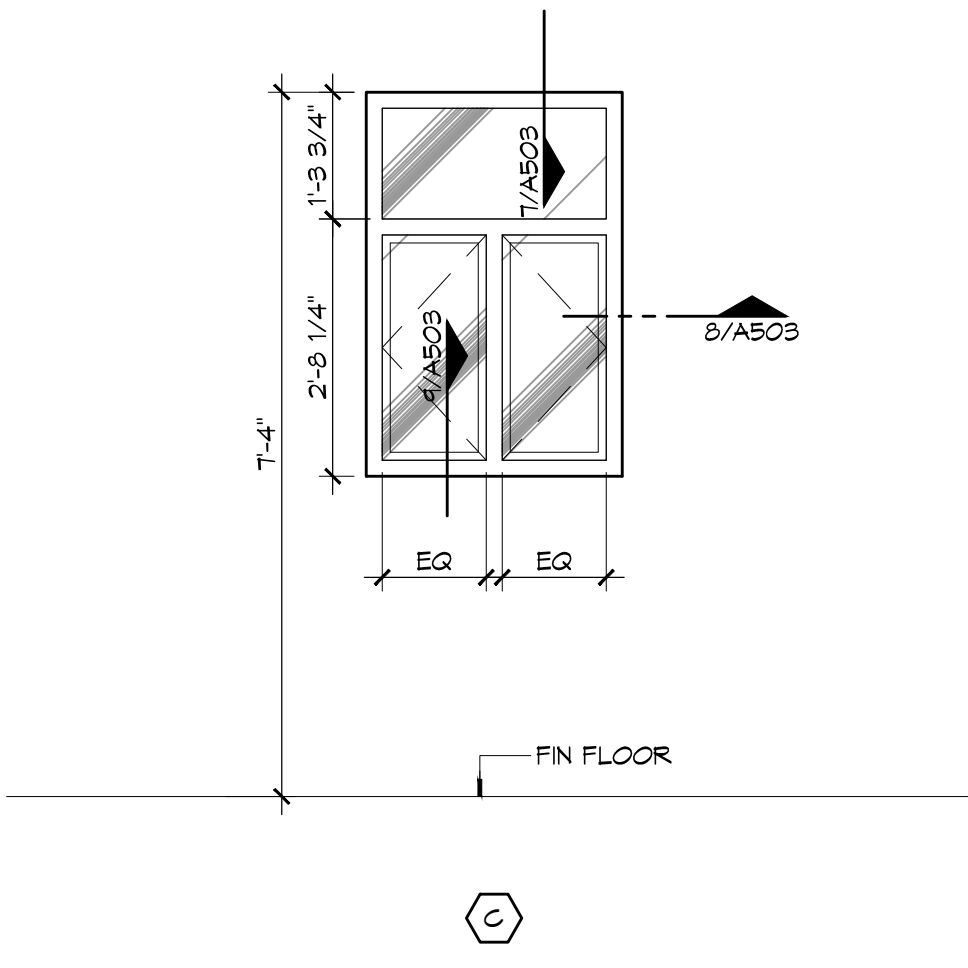
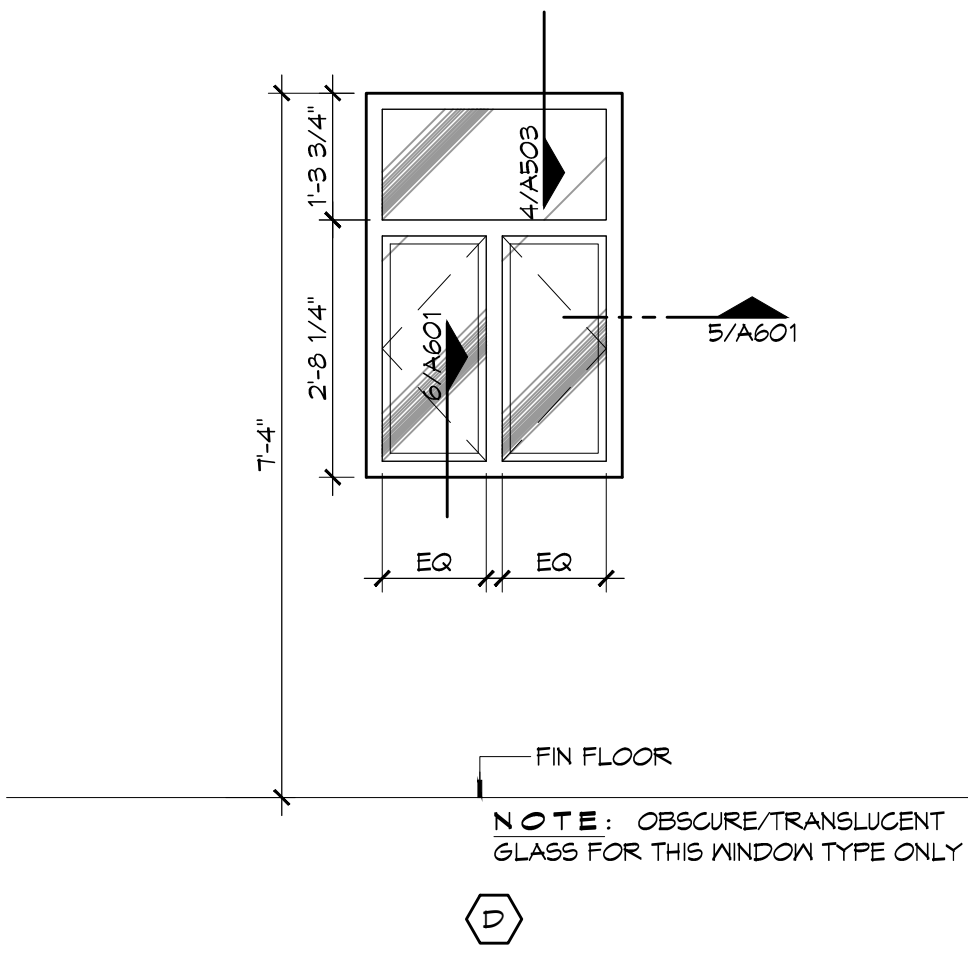
**6 WINDOW DETAIL**  
SCALE: 1 1/2" = 1'-0"  
SILL



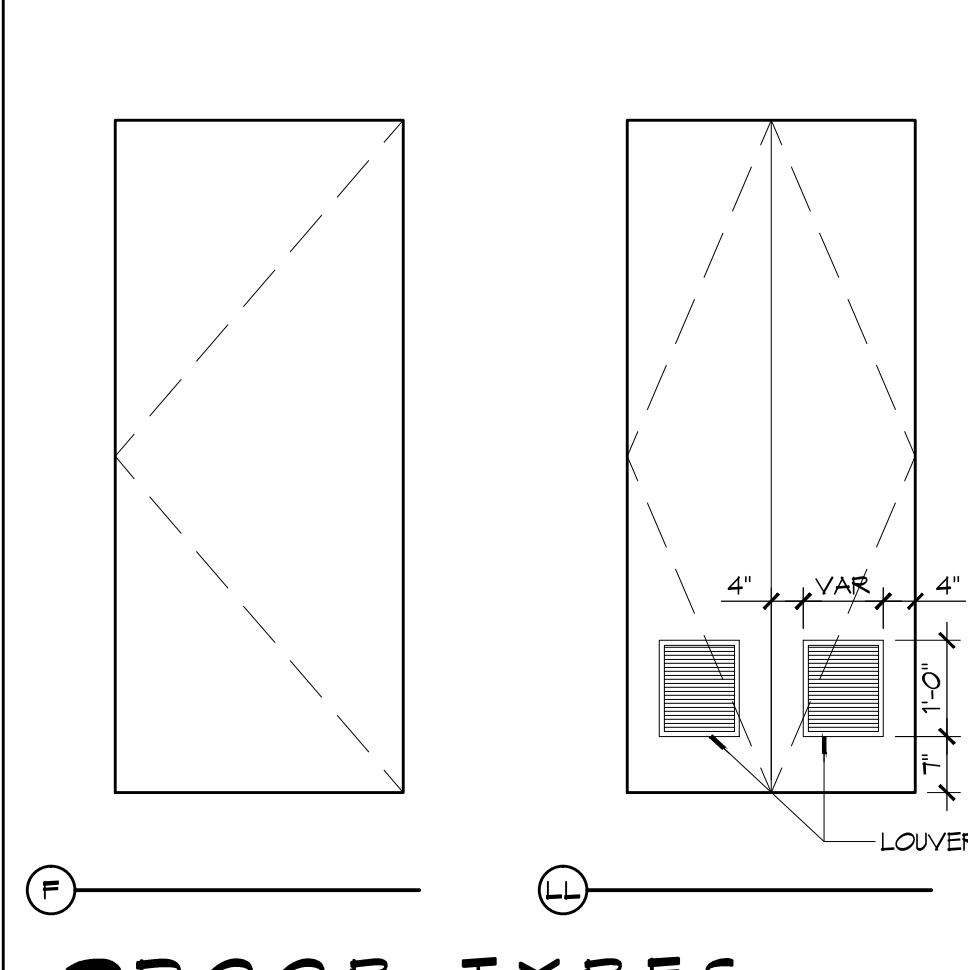
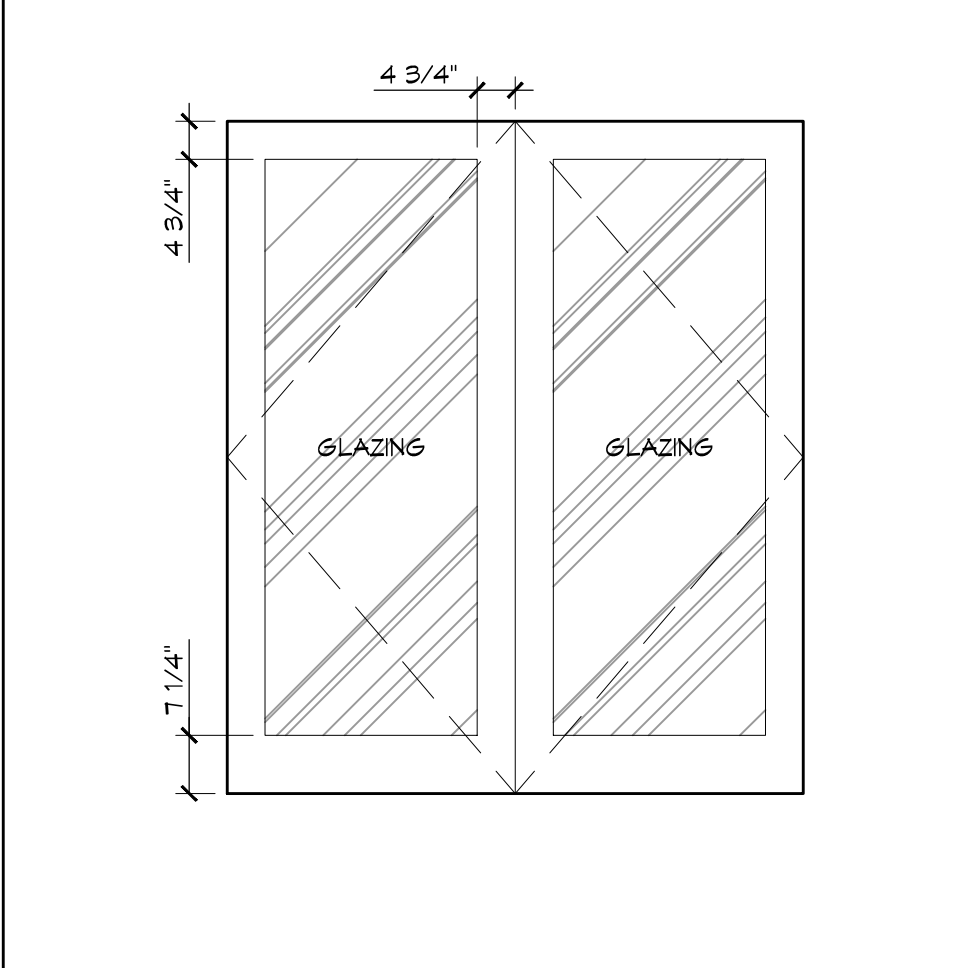
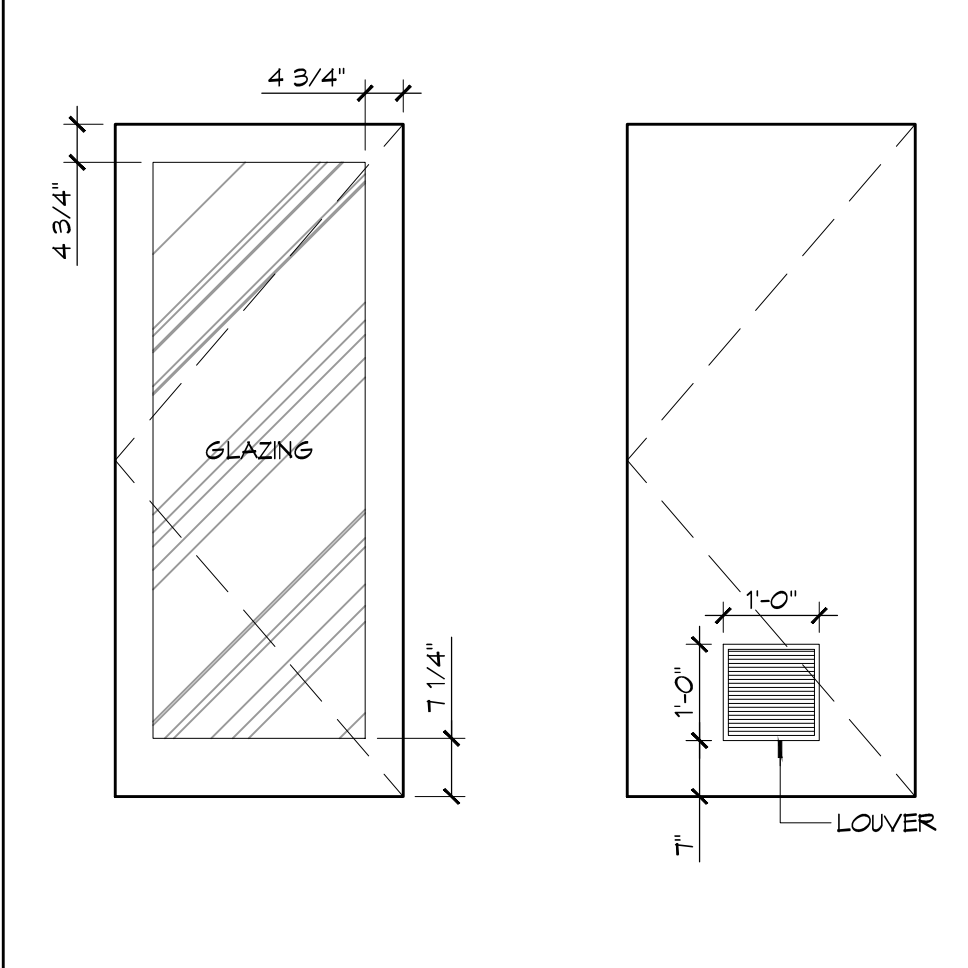
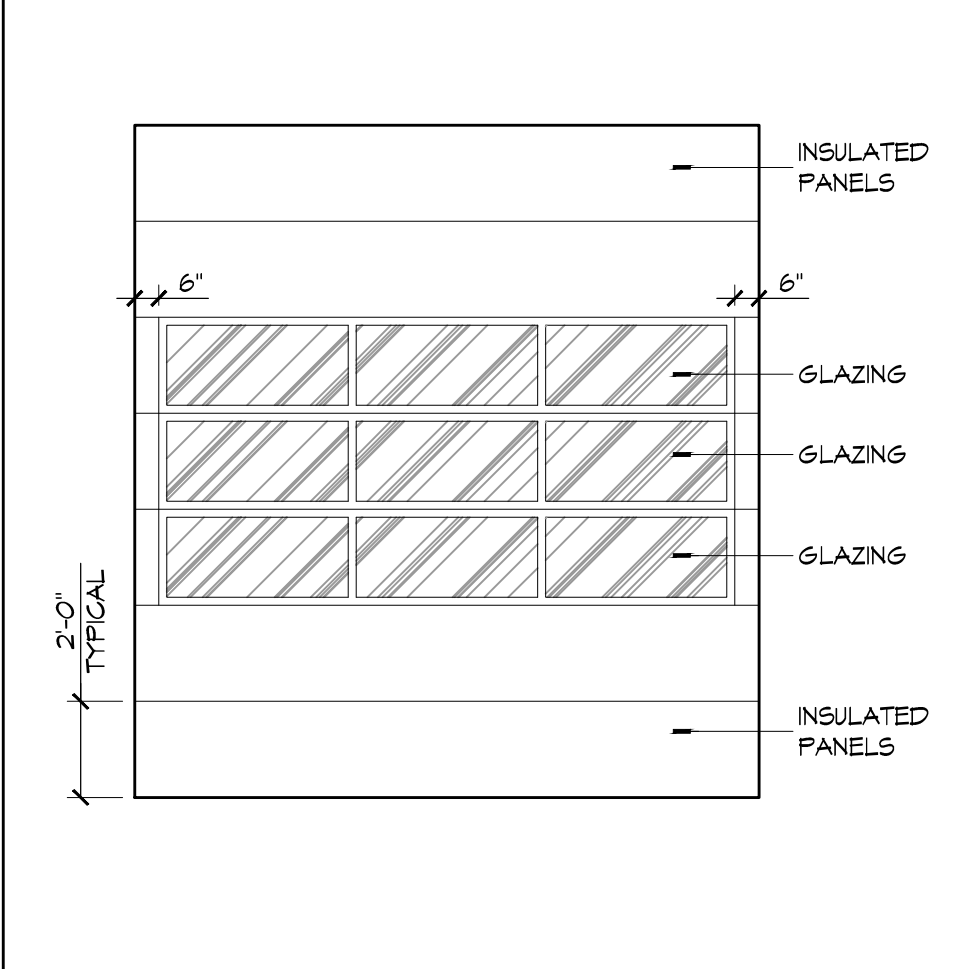
**5 WINDOW DETAIL**  
SCALE: 1 1/2" = 1'-0"  
JAMB



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



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



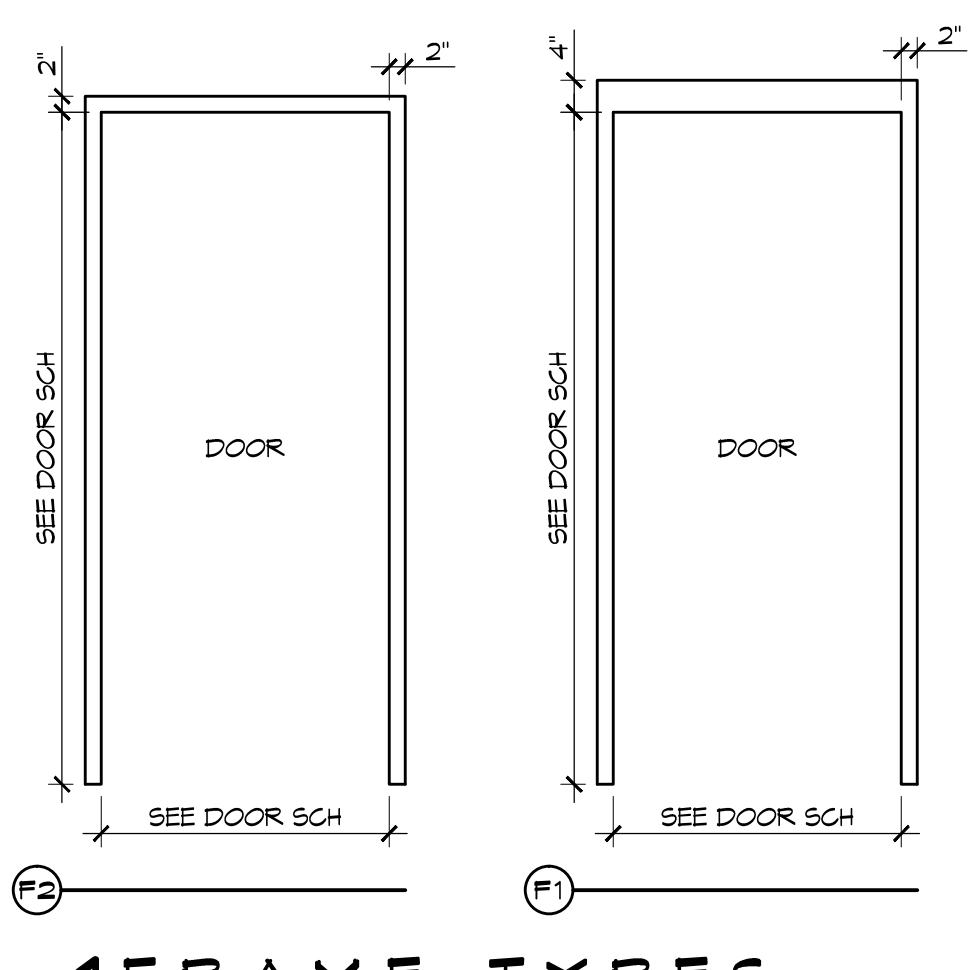
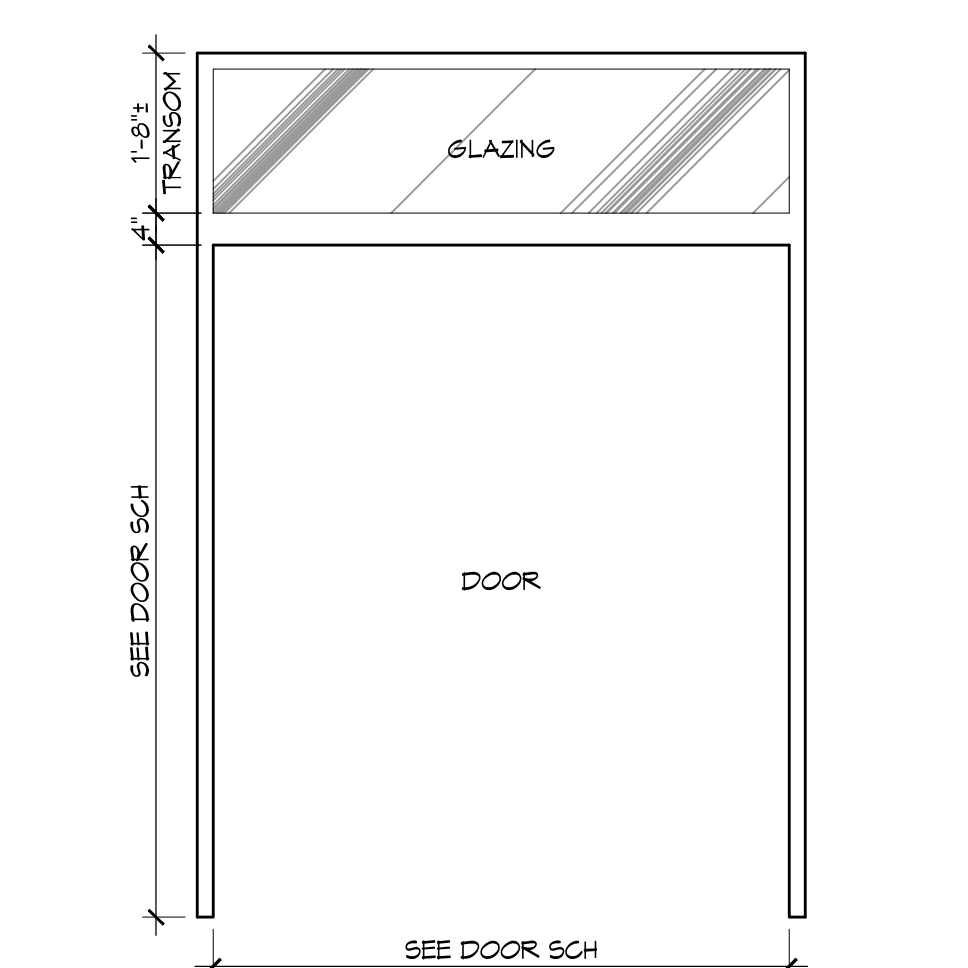
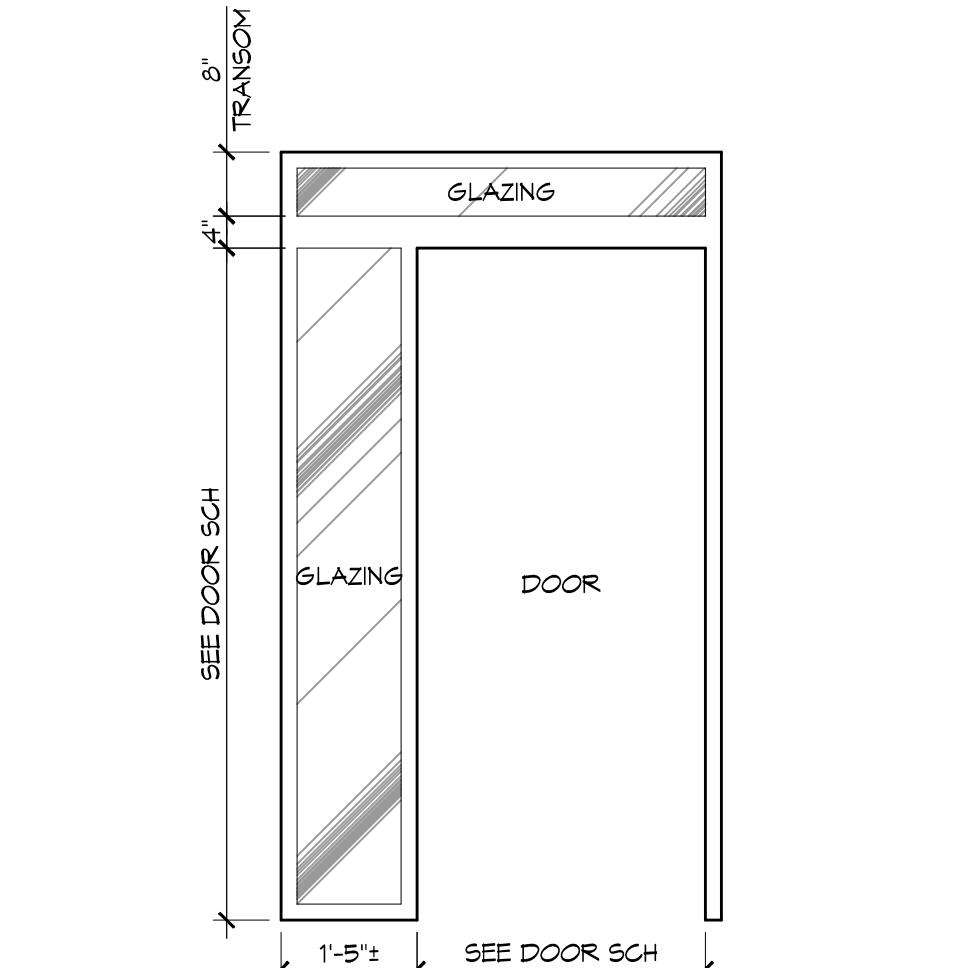
**2 DOOR TYPES**  
SCALE: NTS

**GENERAL OPENING SCHEDULE NOTES**

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

**DOOR NOTES**

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



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

**DAMMON**  
ENGINEERING, INC.  
Architects & Engineers  
www.dammonengineering.com  
info@dammonengineering.com  
PH: 985.649.9832  
F: 985.641.5990  
Chief Architect: Kevin J. Kinchen, NCARB  
Chief Engineer: Brian Mischen, PE  
554 Old Spanish Trail  
Slidell, LA 70458

#	DESCRIPTION	DATE

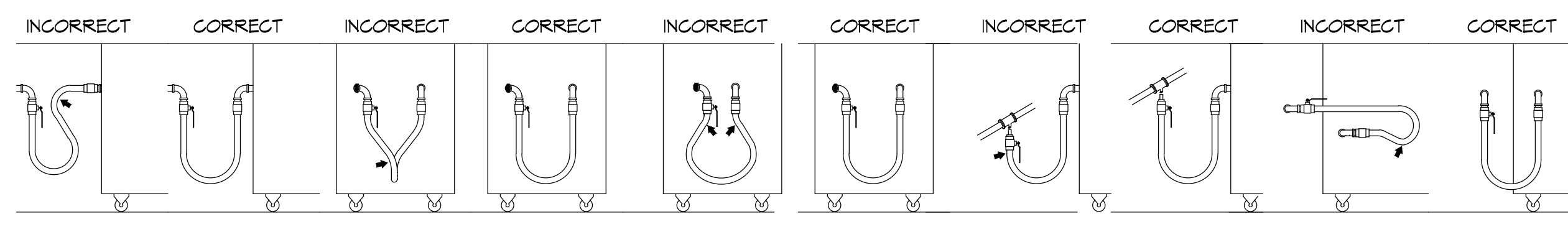
SEAL:

ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1  
**FIRE STATION 18**  
6195 AIRPORT ROAD  
SLIDELL, LOUISIANA 70460  
JOB No: 2224  
DATE: APRIL 10, 2015  
DRAWN BY: K-K  
CHECKED BY: K-K

SHEET TITLE:  
DOOR AND WINDOW SCHEDULES, DOOR, WINDOW TYPES, & WINDOW DETAILS  
DRAWING NUMBER:  
**A503**



01/11/2015 10:58:00 AM C:\Users\jmc\Documents\Projects\2015\2015-01-11-15\2015-01-11-15.dwg



**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.

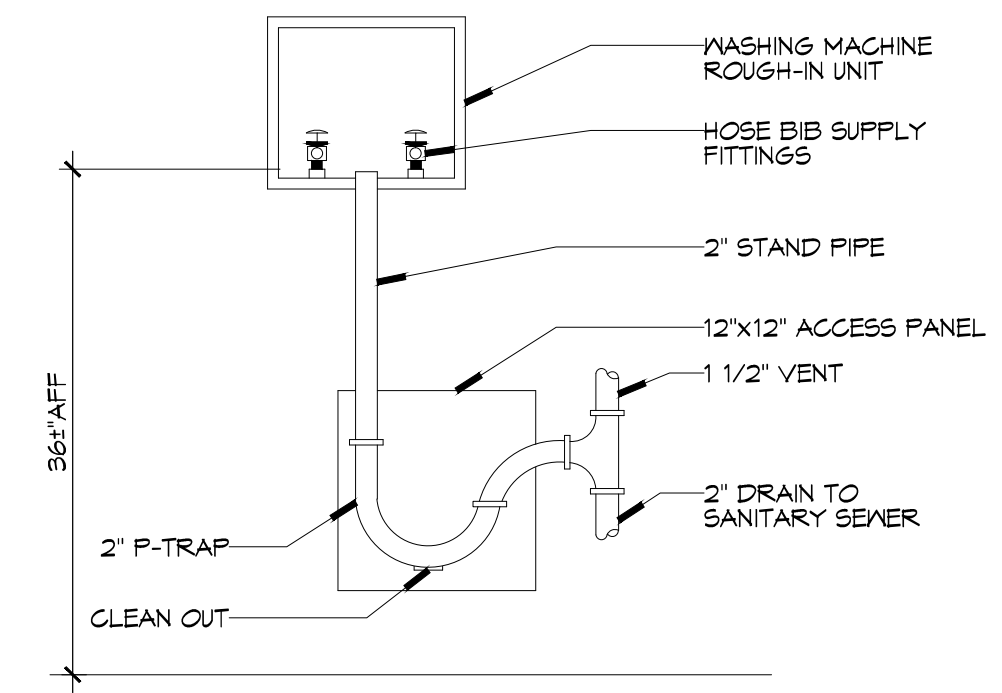
**SHOULD BE INSTALLED IN THE SAME VERTICAL PLANE. FAILURE TO DO SO CAUSES TORSIONAL TWISTING & UNDESIRABLE STRAIN CAUSING PREMATURE FAILURE.**

**OR LARGER BENDING DIAMETER BETWEEN THE COUPLINGS CREATES DOUBLE BENDS CAUSING WORK FATIGUE AT THE FITTINGS.**

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

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

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



**3DETAIL**  
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**

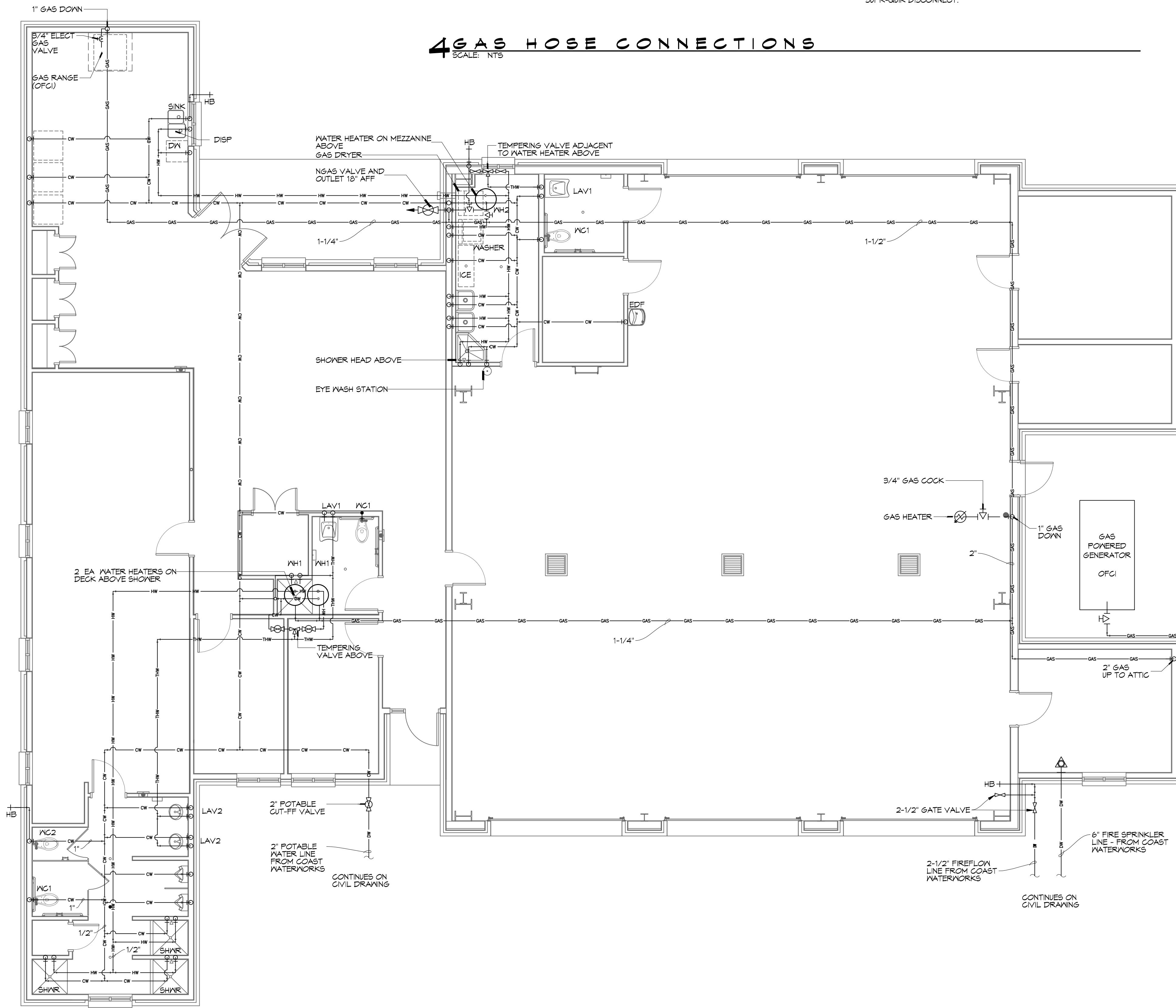
SYMBOL	DESCRIPTION
— CW —	COLD WATER SUPPLY PIPING (CW)
— HW —	HOT WATER SUPPLY PIPING (HW)
— THW —	TEMPERED WATER SUPPLY PIPING (THW)
— GAS —	GAS PIPING
⊕	GLOBE VALVE
⊖	TEMPERING VALVE
⊗	GAS COCK
⊙	HEATER
+0	ELBOW UP
-0	ELBOW DOWN
HB	HOSE BIB
⚠	SPRINKLER RISER

**GAS EQUIPMENT SCHEDULE**

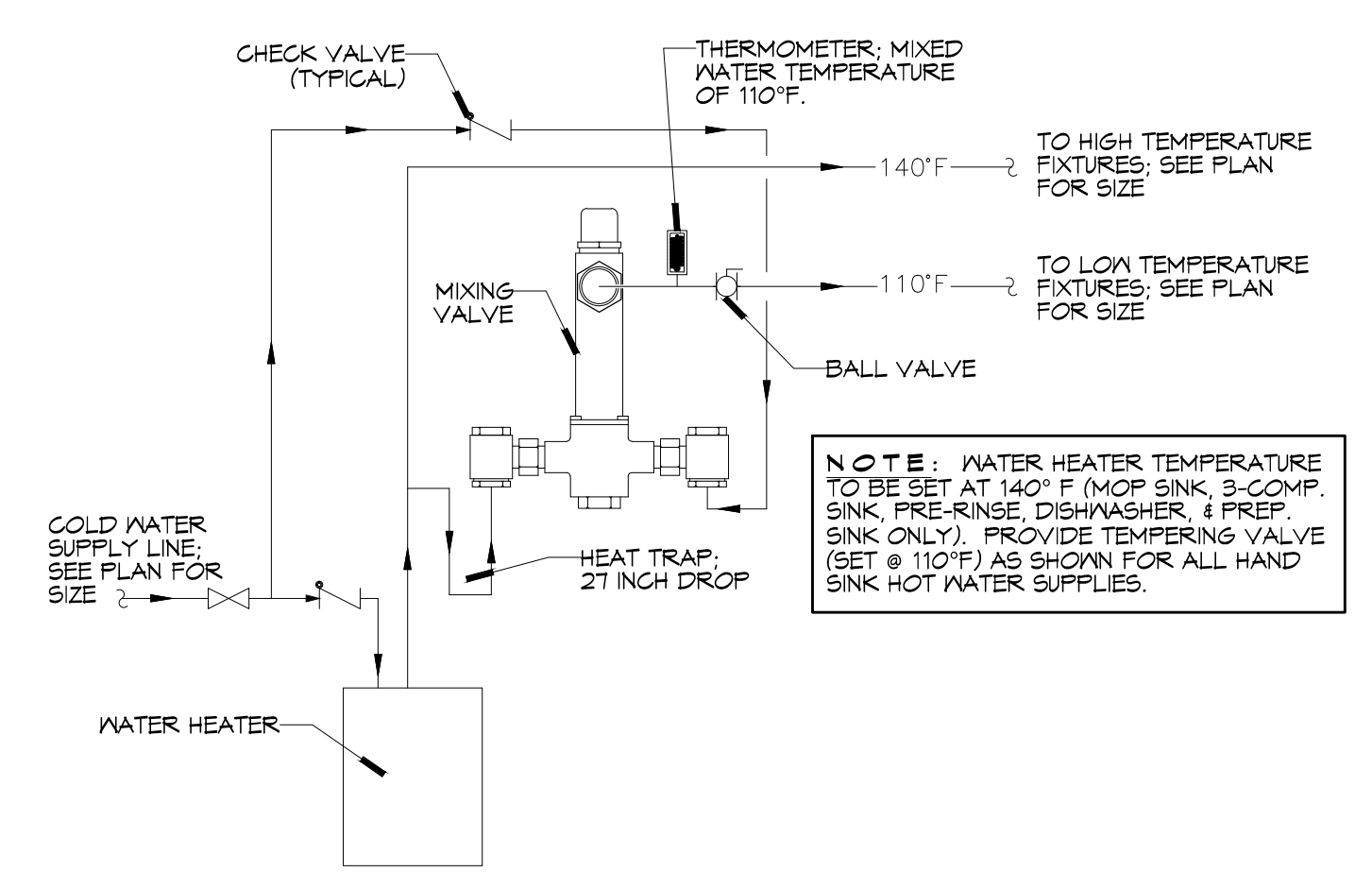
DESCRIPTION	BTU INPUT
50 GALLON HOT WATER HEATER	76,000
60 GALLON HOT WATER HEATER	120,000
60 GALLON HOT WATER HEATER	120,000
RANGE	175,000
SPACE HEATER	125,000
CLOTHES DRYER	35,000
GENERATOR	1,500,000
<b>TOTAL BTU</b>	<b>2,151,000</b>

**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.)

**4 GAS HOSE CONNECTIONS**  
SCALE: NTS



**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.



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

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

**DAMMON ENGINEERING, INC.**  
*Architects & Engineers*  
 www.dammonengineering.com  
 info@dammonengineering.com  
 PH: 985.649.5832  
 F: 985.641.5990  
 554 Old Spanish Trail  
 Slidell, LA 70568

NO.	DATE	REVISIONS

SEAL:  
 # DESCRIPTION

**ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1  
 FIRE STATION 18**

6185 AIRPORT ROAD  
 SLIDELL, LOUISIANA 70460  
 JOB NO: 2224  
 DATE: APRIL 10, 2015  
 DRAWN BY: DFP  
 CHECKED BY: KJK

SHEET TITLE:  
**PLUMBING PLAN - WATER AND GAS**

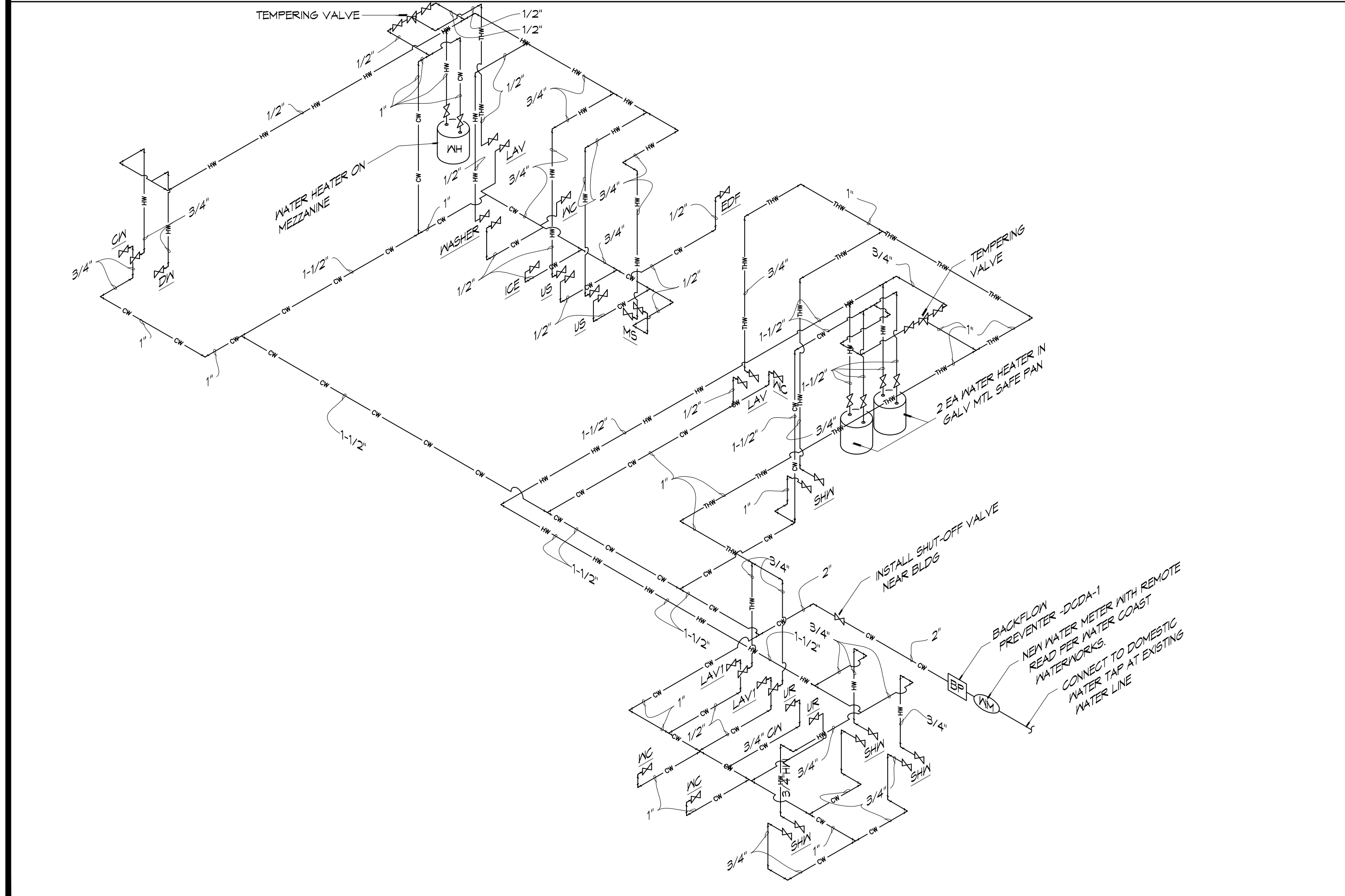
DRAWING NUMBER:  
**P102**

SHEET No: 30 of 36

**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"	-	KOHLER K-4368 WITH ZURN Z-6000XL SUPPLY FITTING AND BENEKE 52755 ELONGATED WHITE SEAT, WITH BOLT CAPS.	3,4
WC2	WATER CLOSET	VALVE	4"	2"	1"	-	KOHLER K-4350 WITH ZURN Z-6000XL SUPPLY FITTING AND BENEKE 52755 ELONGATED WHITE SEAT, WITH BOLT CAPS.	4
UR	URINAL	WALL HUNG	2"	2"	1/2"	-	KOHLER K4904-ET WITH ZURN Z-6003XL SUPPLY FITTING	
LAV1	HOT LAVATORY	WALL HUNG	2"	2"	1/2"	1/2"	AMERICAN STANDARD AQUALYN DROP-IN SINK, 0475.047 AND DELTA 501LFHGMHDF FAUCET	2,3,4
LAV2	LAVATORY	COUNTER	2"	2"	1/2"	1/2"	KOHLER K-2005, AND DELTA 501LFHGMHDF FAUCET	1,2,3,4
FD	FLOOR DRAIN	-	2"	2"	-	-	JAY R. SMITH 2010-B-F, 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 T5BC1611 MOP SINK WITH CHICAGO 897-RCF FAUCET, DELTA FAUCET MULTI-CHOICE VALVE BODY R10000-IPNS; DELTA FAUCET MULTI-CHOICE PRESSURE BALANCE SHOWER VALVE T19H153 AND T19H162	4
SINK	DOUBLE KITCHEN SINK	COUNTER	2"	2"	3/4"	3/4"	ELKAY ELHJMS120LPD GOURMET LUSTERTONE STAINLESS STEEL DOUBLE BOYL UNDERMOUNT SINK & 4 KRAUS KFF-1602CH CHROME COMMERCIAL STYLE PRE-RINSE FAUCET WITH POT FILLER.	4
DISP	GARBAGE DISPOSAL	UNDER COUNTER	2"	2"	-	-	INSINKERATOR LC-50	4
DW	DISHWASHER	UNDER COUNTER	-	-	-	1/2"		5
SHWR	SHOWER	-	3"	2"	1/2"	1/2"	AQUATIC SHOWER, 1363BF-SG WITH DELTA FAUCET MULTI-CHOICE VALVE BODY R10000-IPNS; DELTA FAUCET MULTI-CHOICE PRESSURE BALANCE SHOWER VALVE T19H153 AND T19H162; AND JONES STEPHENS CORP. NO CAULK SHOWER STALL DRAIN AND SS STRAINER D40140.	4
MH1	WATER HEATER	GAS	-	-	3/4"	3/4"	AO SMITH BTH120 60 GALLON WATER HEATER	4
MH2	WATER HEATER	GAS	-	-	3/4"	3/4"	AO SMITH BTHX80, 50 GALLON WATER HEATER	4
EDF	ELEC DRINKING FOUNTAIN	WALL HUNG	1-1/2"	1"	1/2"	-	HALSEY TAYLOR HAC8FS-Q ADA	4
ICE	ICE MACHINE	FLOOR MOUNT	2"	2"	1/2"	-		5
WASH	LAUNDRY WASHING MACHINE	FLOOR MOUNT	2"	1-1/2"	3/4"	3/4"		5
DRYER	GAS CLOTHES DRYER	FLOOR MOUNT	-	-	-	-		5
HB	FREEZE PROOF HOSE BIBB	WALL	-	-	1/2"	-	ZURN Z1841-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. 58014-15)	4
MCO	WALL CLEAN-OUT	-	-	-	-	-	MADE W-8453-R6, WITH BRASS PLUG AND ROUND STAINLESS STEEL SECURED ACCESS COVER.	4
CB	CATCH BASIN	-	SEE DWGS	-	-	-	SCI PRECAST CB 24x24 W/CAST IRON FRAME AND GRATE U.S. FOUNDARY 4683/6337	4
OWS	OIL WATER SEPERATOR	-	-	-	-	-	SCI PRECAST SCI OW5 750	4
LS	LIFT STATION	-	-	-	-	-	SCI PRECAST LX 48 X 108 W/P WITH 2EA ZOELLER 6842 2 HP GRINDER PUMPS.	4
DCDA-1	CHECK VALVE	-	-	-	2"	-	ZURN DOUBLE CHECK DETECTOR ASSEMBLY MODEL 350A	4
DCDA-2	CHECK VALVE	-	-	-	2-1/2"	-	ZURN DOUBLE CHECK DETECTOR ASSEMBLY MODEL 350DA	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	

**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 (OFI)

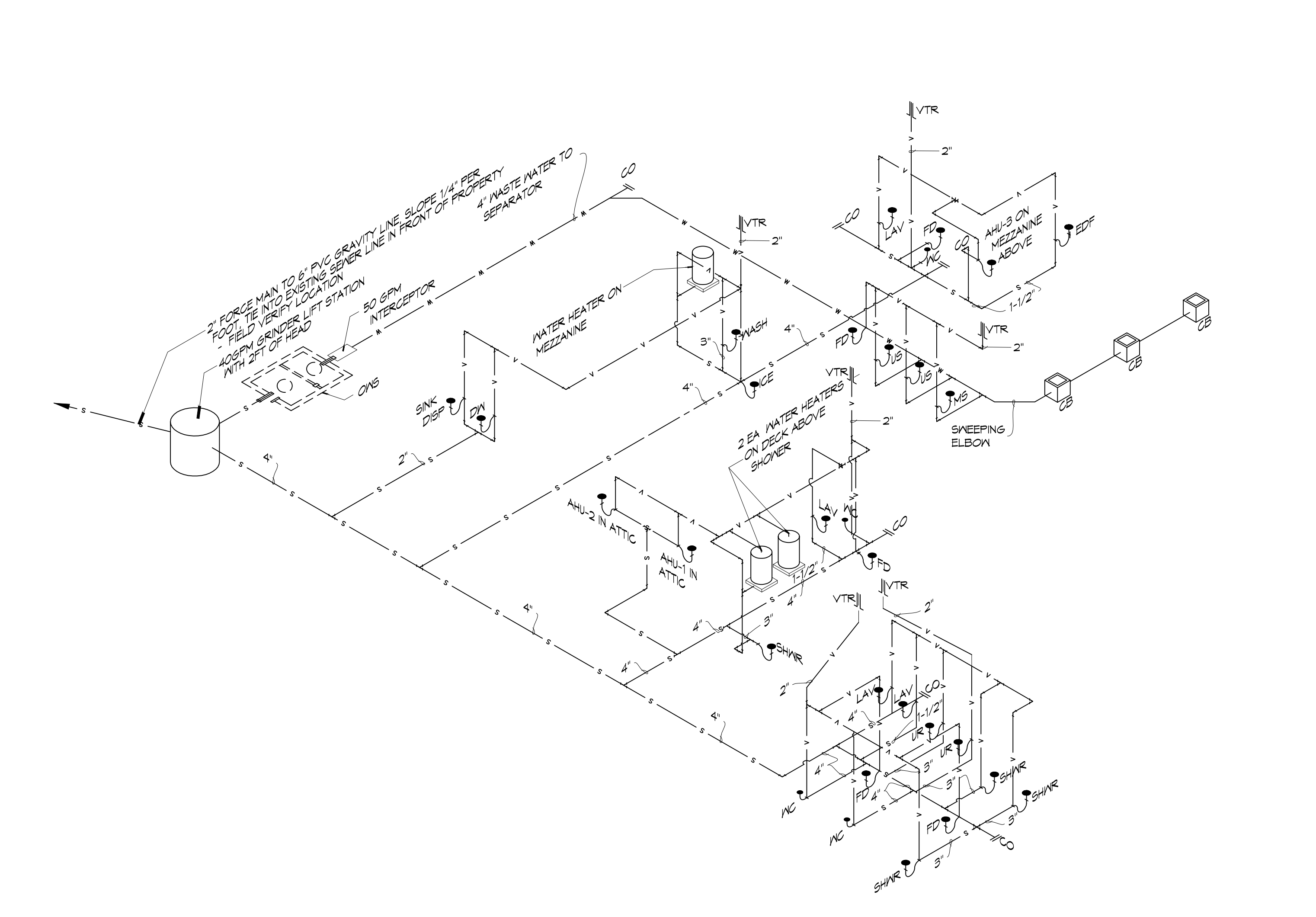


**2 RISER DIAGRAM**  
SCALE: NTS  
PLUMBING WATER SUPPLY

**RISER DIAGRAM NOTES**

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

**3 RISER DIAGRAM**  
SCALE: NTS



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

**DAMMON ENGINEERING, INC.**  
 Architects & Engineers  
 www.dammonengineering.com  
 info@dammonengineering.com  
 PH: 985.649.5832  
 F: 985.641.5990  
 Chief Architect: Kevin L. Kinchen, NCBAB  
 Chief Engineer: Brian M. Minton, PE  
 554 Old Spanish Trail  
 Slidell, LA 70568

#	DESCRIPTION	DATE

SEAL: \_\_\_\_\_  
 GAS

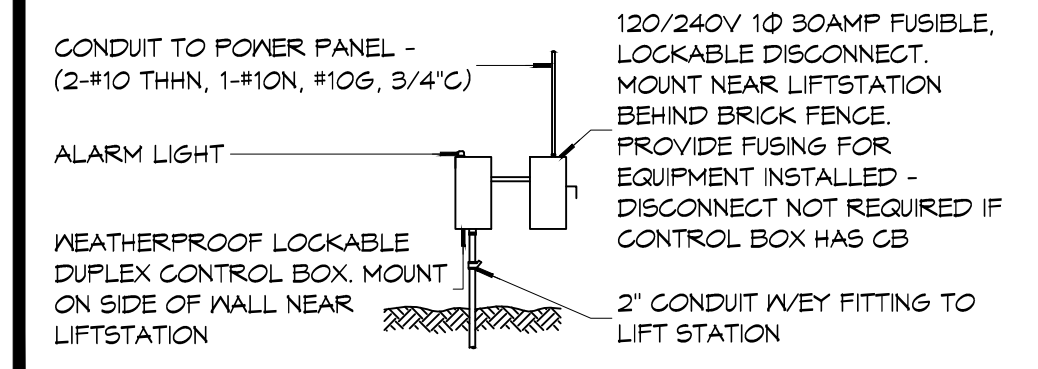
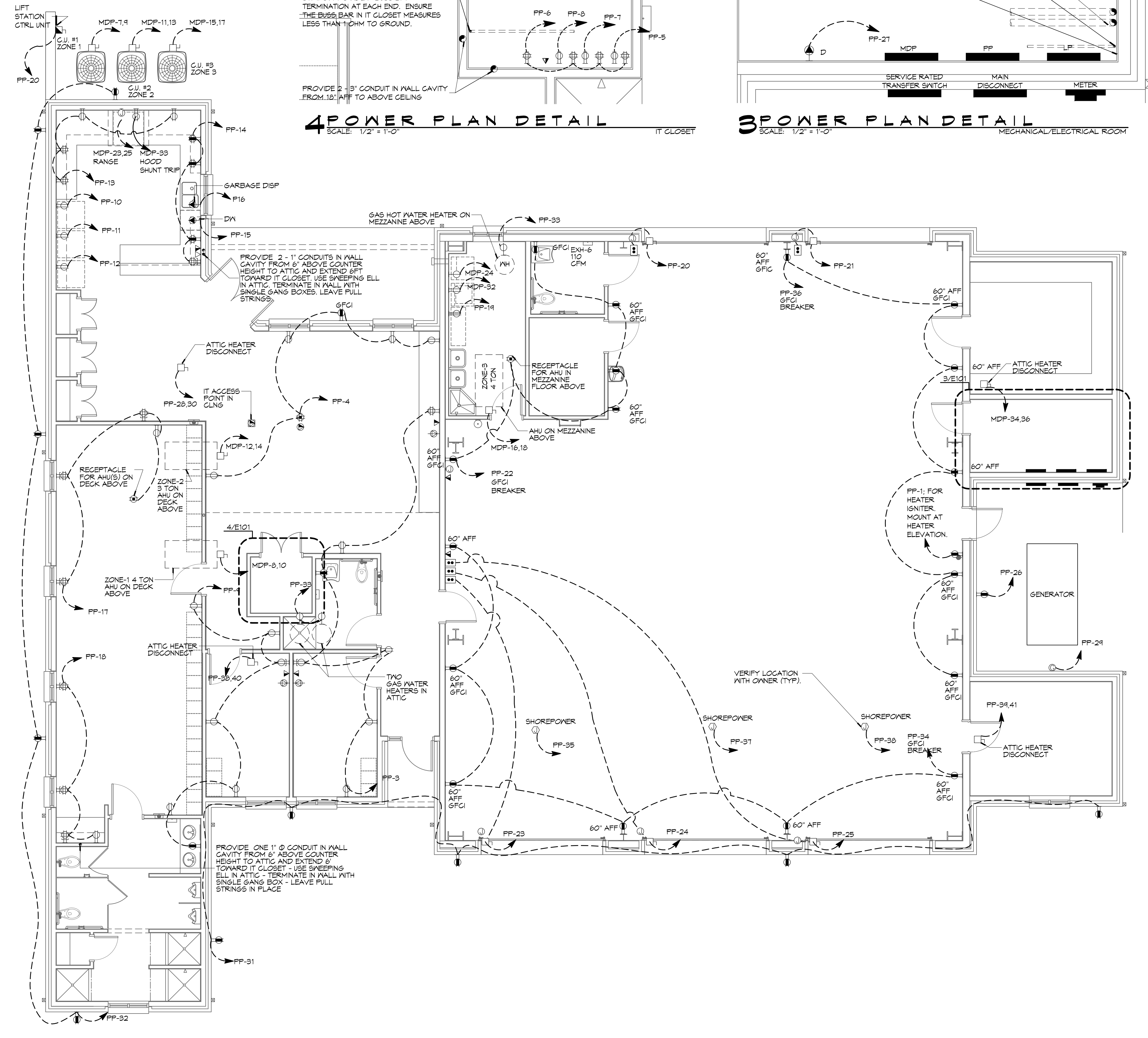
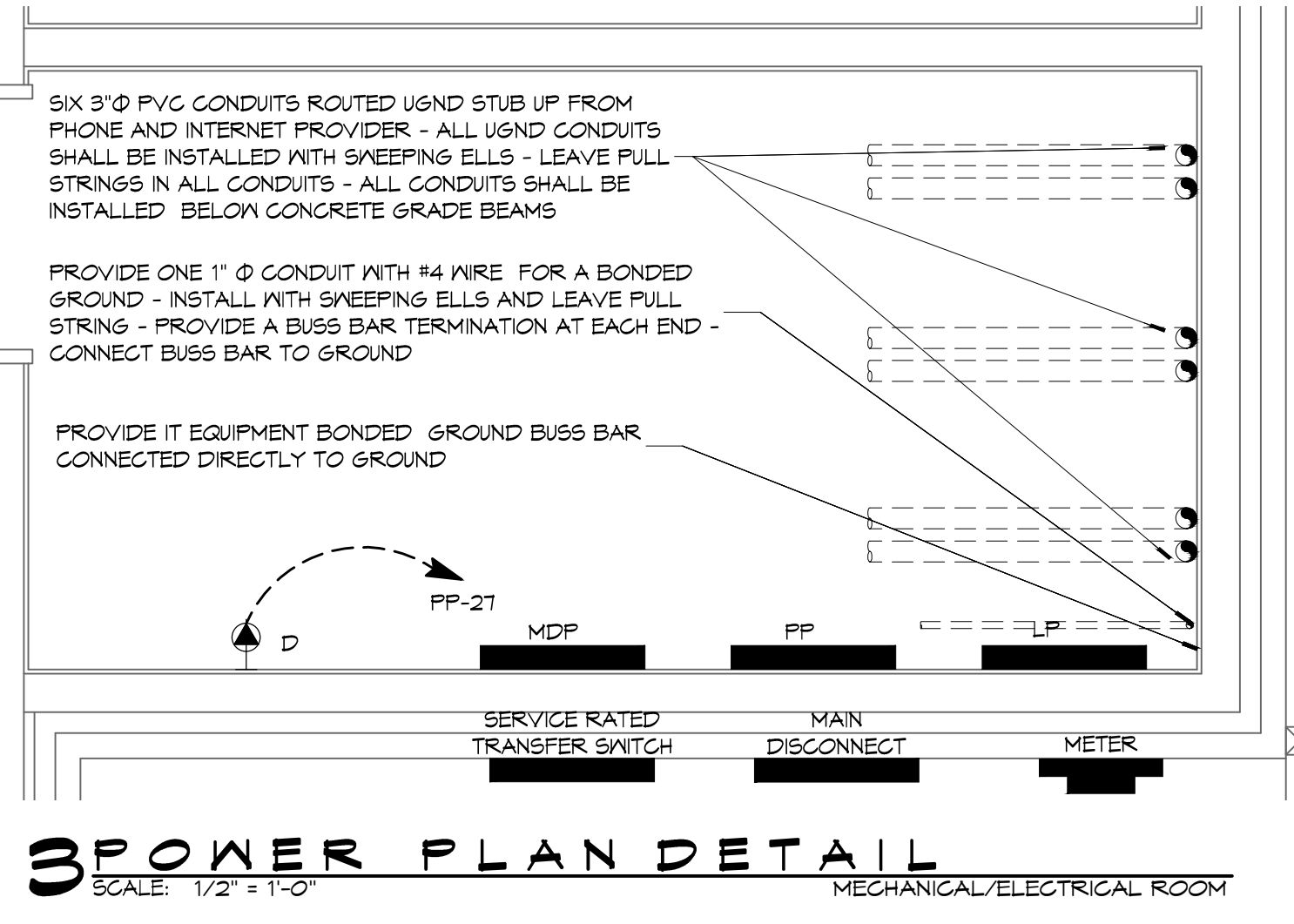
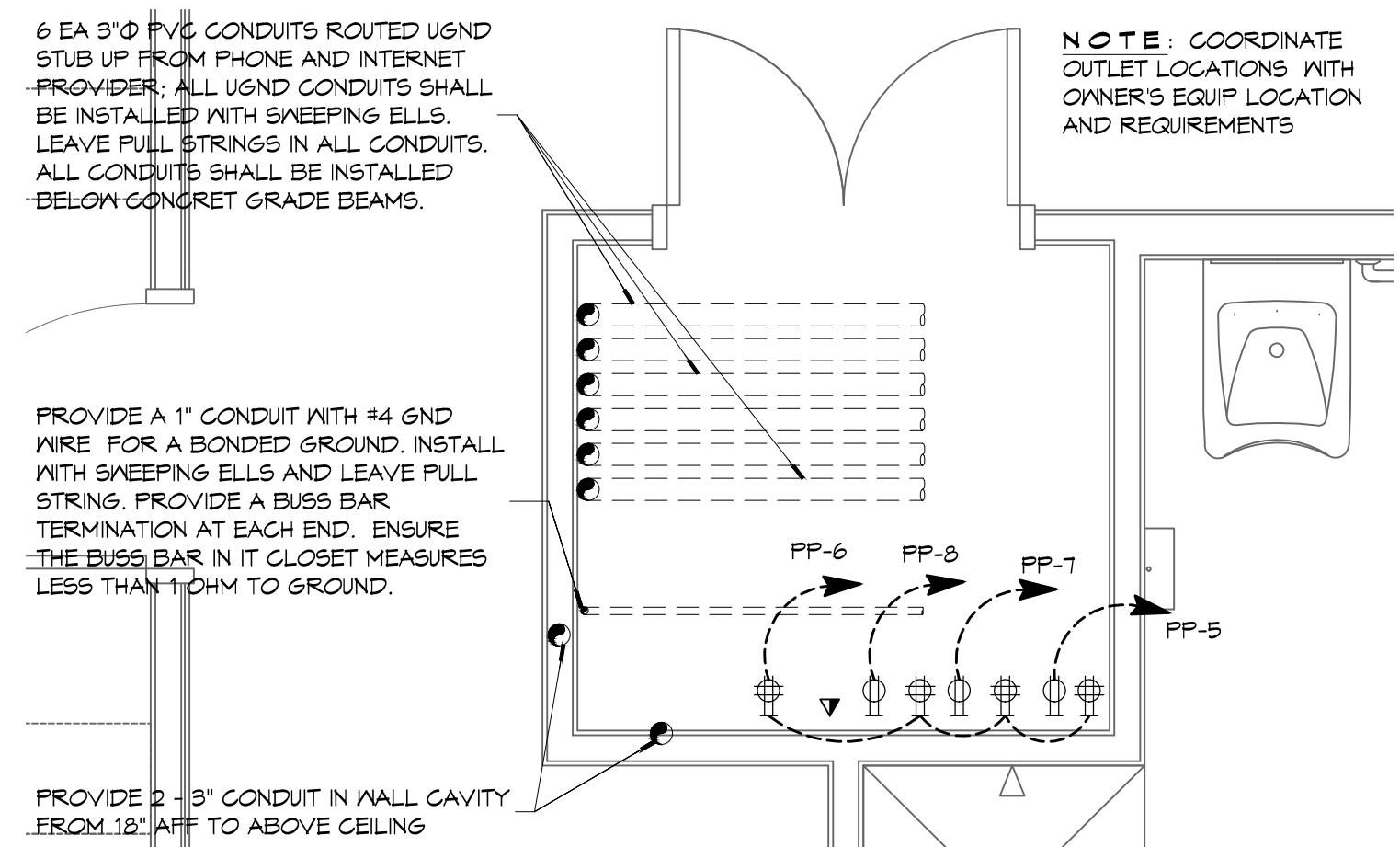
ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1  
**FIRE STATION 18**  
 6195 AIRPORT ROAD  
 SLIDELL, LOUISIANA 70460  
 JOB No: 2224  
 DATE: APRIL 10, 2015  
 DRAWN BY: K-K  
 CHECKED BY: K-K

SHEET TITLE:  
 PLUMBING AND GAS RISER DIAGRAMS  
 DRAWING NUMBER:  
**P103**  
 SHEET No: 31 of 36





6 EA 3" Ø PVC CONDUITS ROUTED UGND STUB UP FROM PHONE AND INTERNET PROVIDER - PROVIDER, ALL UGND CONDUITS SHALL BE INSTALLED WITH SWEETING ELLS. LEAVE PULL STRINGS IN ALL CONDUITS. ALL CONDUITS SHALL BE INSTALLED BELOW CONCRETE GRADE BEAMS.



### 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 CEILING, HUNG CEILING, PLASTER, PARTITIONS, WALLS, ETC. AS SHOWN IN THE ARCHITECTURAL DRAWINGS AND DETAILS. IF ANY WORK IS INSTALLED AND IT LATER DEVELOPS THAT SUCH DETAILS OR DESIGN CANNOT BE FOLLOWED, THE CONTRACTOR, AT HIS OWN EXPENSE, SHALL MAKE SUCH CHANGES IN THE WORK AS DIRECTED BY THE ARCHITECT, AS WELL AS TO PERMIT THE INSTALLATION OF THE ARCHITECTURAL WORK AS SHOWN ON THE PLANS AND DETAILS.
- PERFORM TEST REQUIRED BY THE OWNER OR THE ENGINEER IN CONNECTION WITH THE OPERATION OF THE ELECTRICAL SYSTEM IN THE BUILDING. ALL TESTS SHALL BE MADE IN ACCORDANCE WITH THE LATEST STANDARD OF THE IEEE AND THE NATIONAL ELECTRICAL CODE.
- MINIMUM CONDUCTOR SIZE SHALL BE #12, 600V INSULATION. MINIMUM SIZE CONDUIT SHALL BE 3/4" ELECTRICAL METALLIC TUBING (EMT) FOR INTERIOR USE, AND 3/4" RIGID ALUMINUM FOR EXTERIOR USE. USE NON-METALLIC CABLE (NMC) CABLE COPPER, FOR LIGHTS AND RECEPTACLE CIRCUITS IN WOOD FRAME CONSTRUCTION AREAS ONLY; IN STEEL FRAMING AREAS THE USE OF EMT (MINIMUM) IS REQUIRED. EXTERIOR FITTINGS SHALL BE CAST BOXES AND COVERS. INTERIOR FITTINGS SHALL BE STAMPED BOXES.
- CONTRACTOR SHALL INSTALL WIRING AND OTHER CIRCUIT COMPONENTS TO MATCH EQUIPMENT ACTUALLY INSTALLED.
- INSTALL GROUND FAULT RECEPTACLES AT RECEPTACLE LOCATIONS WITHIN 5' OF SINKS OR LAVATORIES, AND AT EXTERIOR LOCATIONS. EXTERIOR RECEPTACLES SHALL ALSO BE WATERPROOF.
- BONDING AND GROUNDINGS SHALL BE IN ACCORDANCE WITH NFPA 70-250-63, NFPA 70-250-23, 250-11 & 250-12.
- GROUND NEUTRAL IN ACCORDANCE WITH NFPA 70-250-23b.
- FUSES SHALL BE ITC CLASS K5, 250 VOLT, 200,000 AMP INTERRUPTING CAP.
- PROVIDE SERVICES OF A FIRE/SMOKE DETECTION AND ALARM COMPANY TO DESIGN AND INSTALL ALARM SYSTEM TO MEET REQUIREMENTS OF THE STATE FIRE MARSHALL AND THE FIRE DISTRICT.
- EXTERIOR LIGHTING SHALL BE SHADED OR INWARDLY DIRECTED IN SUCH A MANNER SO THAT NO DIRECT LIGHTING OR GLARE IS CAST BEYOND THE PROPERTY LINE. THE INTENSITY OF SUCH LIGHTING SHALL NOT EXCEED ONE FOOT CANDLE AS MEASURED AT THE ADJUTING PROPERTY LINE.
- ALL ELECTRICAL, MECHANICAL AND PLUMBING PENETRATING FIRE PARTITIONS SHALL BE FIRE CAULKED. (PENETRATIONS THROUGH RATED CONSTRUCTION SHALL BE SEALED WITH A MATERIAL CAPABLE OF PREVENTING THE PASSAGE OF FLAMES AND HOT GASES WHEN TESTED IN ACCORDANCE WITH ASTM E-814.)
- 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
⊕	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) OR WALL, EXAMPLE: ⊕#2 OR ⊕#2
  - REFER TO INTERIOR ELEVATIONS FOR MOUNTING HEIGHT AND ORIENTATION OF OUTLETS MOUNTED ABOVE COUNTERTOPS.

**DAMMON**  
 ENGINEERING, INC.  
 Architects & Engineers  
 www.dammonengineering.com  
 info@dammonengineering.com  
 PH: 985.649.5832  
 F: 985.641.5990  
 Chief Architect: Kevin J. Kinchen, NCARB  
 Chief Engineer: Brian Mischen, PE  
 554 Old Spanish Trail  
 Slidell, LA 70688

#	DESCRIPTION	DATE

SEAL:

ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1  
**FIRE STATION 18**  
 6195 AIRPORT ROAD  
 SLIDELL, LOUISIANA 70660  
 JOB No: 2224  
 DATE: APRIL 10, 2019  
 DRAWN BY: KJK/JTL  
 CHECKED BY: KJK

SHEET TITLE:  
ELECTRICAL PLAN - POWER AND ELECTRICAL NOTES

DRAWING NUMBER:  
**E101**

SHEET No: 34 of 36

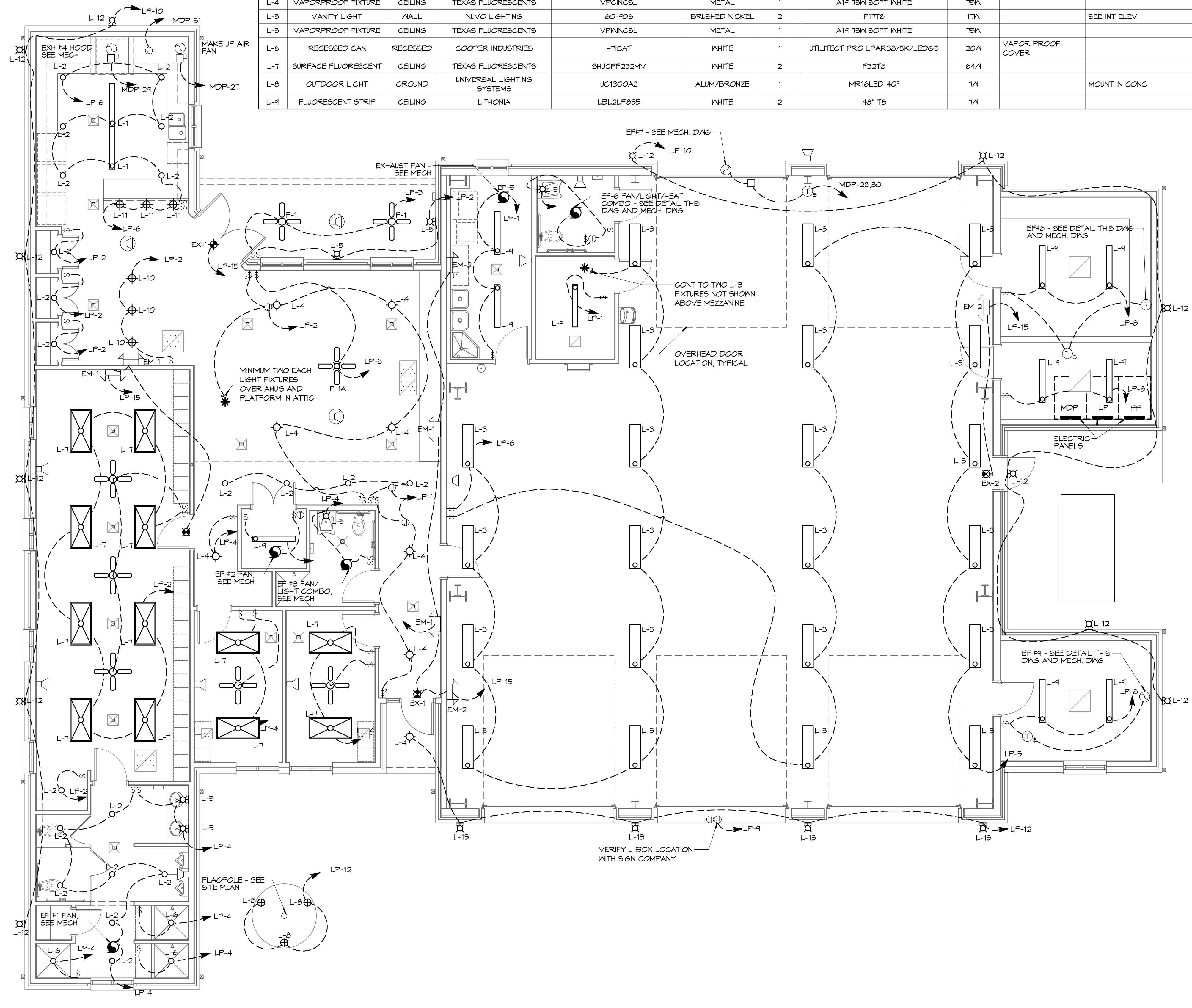
### LUMINAIR SCHEDULE

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	10.25W		
EX-1	EXIT LIGHT	CEILING	PHILIPS	45VL1RCALM	WHITE	1	LED	2.5W		
EX-2	EXIT LIGHT	WALL	PHILIPS	CXL336N	WHITE	1	LED	3.7W		
F-1	CEILING FAN	CEILING	MODERN FAN COMPANY	IND-6V525VNLNG	GALV	0	N/A	25W		
F-1A	CEILING FAN IV LIGHT	CEILING	MODERN FAN COMPANY	IND-6V525V95INC	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	P961-0TT	CHROME	1	60W T10 MED BASE	60W	CLEAR BULB	
L-11	PENDANT	RECESSED	COOPER INDUSTRIES	P960-0TT	CHROME	1	60W T10 MED BASE	60W	CLEAR BULB	
L-12	WALL SCENCE	WALL	LITHONIA	NSR LED	TBD	10	LED			SEE EXT ELEV FOR MOUNTING HT
L-13	WALL SCENCE	WALL	PHILIPS		PAINTED		LED			SEE EXT ELEV FOR MOUNTING HT
L-2	RECESSED CAN	RECESSED	COOPER INDUSTRIES	HTIGAT	WHITE	1	UTILITEC PRO LPAR38/5K/LED65	20W	WHITE BAFFLE AND TRIM	
L-3	HIGH BAY LIGHT	PENDANT	TEXAS FLUORESCENTS	HBC432M23MV	-	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	F1T8	17W		SEE INT ELEV
L-5	VAPORPROOF FIXTURE	CEILING	TEXAS FLUORESCENTS	VPCINGSL	METAL	1	A19 T5W SOFT WHITE	75W		
L-6	RECESSED CAN	RECESSED	COOPER INDUSTRIES	HTIGAT	WHITE	1	UTILITEC PRO LPAR38/5K/LED65	20W	VAPOR PROOF COVER	
L-7	SURFACE FLUORESCENT	CEILING	TEXAS FLUORESCENTS	SHUCFP232MV	WHITE	2	F32T8	64W		
L-8	OUTDOOR LIGHT	GROUND	UNIVERSAL LIGHTING SYSTEMS	UG1300AZ	ALUM/BRONZE	1	MR16LED 40°	7W		MOUNT IN CONG
L-9	FLUORESCENT STRIP	CEILING	LITHONIA	LBL2LP935	WHITE	2	48" T8	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 INCLUDING 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 2TTV 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-GANGS SHALL BE AS EVEN AS POSSIBLE.
- EACH DIMMER SWITCH SHALL HAVE A WATTING RATING 25% HIGHER THAN THE TOTAL WATTAGE OF ALL LIGHTS TO BE CONTROLLED BY THE DIMMER. DIMMER SIZES 600, 1000, 1500, AND 2000 WATTS, LUTRON NOVA T-STAR. WHERE SWITCHES ARE GANGED WITH DIMMERS, THE SWITCHES SHALL ALSO BE LUTRON NOVA T-STAR. FLUORESCENT AND LOW VOLTAGE DIMMERS HAL 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 410.136.

**DAMMON ENGINEERING, INC.**  
*Architects & Engineers*  
 www.dammonengineering.com  
 info@dammonengineering.com  
 Chief Architect: Kevin J. Kincaid, NCARB  
 Chief Engineer: Brian M. Wiest, PE  
 554 Old Spanish Trail  
 Slidell, LA 70458  
 PH: 985.649.5832  
 F: 985.641.5990



### 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

### ELECTRICAL LOAD SUMMARY

WASHINGTON/ST. TAMMANY POWER COMPANY			
PROJECT NAME:	FIRE DISTRICT #1 FIRE STATION 18		
PROJECT ADDRESS:	AIRPORT ROAD		
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:	6929 SF		
INDIVIDUAL UNIT SQUARE FOOTAGE:	N/A SF (MULT OCCUPANCY)		
INDIVIDUAL UNIT DESIGNATION:	N/A (MULT OCCUPANCY)		
LOAD SOURCE	1Ø-K VA	3Ø-KVA	3Ø-KW
BUILDING LIGHTING	9.0	-	-
ELECTRIC WATER HEATING	18.0	-	-
HEAT PUMPS	-	-	-
SUPPLEMENTAL HEAT SYSTEMS	-	-	-
AIR COND CONDENSING UNITS	17.6	-	-
ELEC HEATING (PRIMARY) - AHU'S	27.8	-	-
COOKING	12.2	-	-
REFRIGERATION	3.3	-	-
RECEPTACLES (STANDARD)	20.7	-	-
RECEPTACLES (COMPUTER)	2.0	-	-
TOTAL MOTORS (EXCLUDE HVAC)	12.2	-	-
EXTERIOR LIGHTING	29.0	-	-
MISCELLANEOUS - CEILING FANS	0.2	-	-
OTHER (SPECIFY)	4.5	-	-

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 DRAWN BY: KJK/JTL  
 CHECKED BY: KJK  
 SHEET TITLE:  
 ELECTRICAL PLAN - LIGHTING AND LOAD SUMMARY  
 DRAWING NUMBER:  
**E102**  
 SHEET No: 35 of 36

2DIAGRAM  
 SCALE: NTS

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

PANEL: MDP  
 LOCATION: ELECTRICAL CLOSET  
 FEEDER SOURCE: GLECO

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

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

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

**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".

CKT. NO.	THHN WIRE SIZE	LOAD DESCRIPTION LOCATION	BREAKER		LOAD (VA)	AØ	BØ	LOAD (VA)	BREAKER		THHN WIRE SIZE	CKT. NO.
			AMP	POLE					POLE	AMP		
1	4/0	SUB-PANEL "PP" 200 AMPS	200	2	22,190			7,556	2	200	4/0	2
3					19,370			4,670				4
5	#6	ZONE-1 CONDENSER UNIT #1 4 TON	50	2	3,420			5,232	2	45	#6	6
7					3,420			5,232				8
9	#10	ZONE-2 CONDENSER UNIT #2 2.5 TON	25	2	1,980			3,444	2	30	#10	10
11					1,980			3,444				12
13	#6	ZONE-3 CONDENSER UNIT #3 4 TON	50	2	3,420			5,232	2	45	#6	14
15					3,420			5,232				16
17		SPACE	20	1	-			-				18
19		SPACE	20	1	-			-				20
21	#6	JUNCTION BOX FOR RANGE LOCATED IN KITCHEN 108	50	2	4,900			1,150	1	15	#6	22
23					4,900			-	1	20		24
25		SPACE	20	1	-			828				26
27	#12	RANGE HOOD SUPPLY AIR (KSF) DISCONNECT	15	1	805			828	2	15	#12	28
29	#12	RANGE HOOD EXHAUST AIR (KEF) DISCONNECT	15	1	805			2,760	2	30	#12	30
31	#12	RANGE HOOD CONTROL	15	1	805			2,760				32
33	#12	HOOD SHUNT BREAKER	15	1	180			1250	2	20	#12	34
35	#12	LAUNDRY WASHING MACHINE LOCATED IN UTILITY ROOM 118	20	1	1,100			1250				36
37		SPACE	-	1	-			-				38
39		SPACE	-	1	-			-				40
41		SPACE	-	1	-			-				42

CKT. NO.	THHN WIRE SIZE	LOAD DESCRIPTION LOCATION	BREAKER		LOAD (VA)	AØ	BØ	LOAD (VA)	BREAKER		THHN WIRE SIZE	CKT. NO.
			AMP	POLE					POLE	AMP		
2	#12	IGNITER FOR AEROTHERM GAS HEATER LOCATED IN CORNER OF APPARATUS BAY	20	1	560			-	1	20	#12	2
4	#12	ENTRY 101, DAYROOM 102, CAPTAIN 103, 4 WOMENS TOILET 104 RECEPTACLES	20	1	1440			1260	1	20	#12	4
6	#12	I.T. ROOM 105 DEDICATED RECEPTACLE	20	1	180			1440	1	20	#12	6
8	#12	I.T. ROOM 105 DEDICATED RECEPTACLE	20	1	180			180	1	20	#12	8
10	#12	ANTE ROOM 106, CAPTAIN 107, BUNKROOM 113, 4 MENS TOILET 114 RECEPTACLES	20	1	1260			1100	1	20	#12	10
12	#12	KITCHEN 108 DEDICATED REFRIGERATOR RECEPTACLE	20	1	1100			1100	1	20	#12	12
14	#12	KITCHEN 108 COUNTER-HT. RECEPTACLES	20	1	1080			1440	1	20	#12	14
16	#12	KITCHEN 108 DEDICATED RECEPTACLE FOR DISHWASHER	20	1	1440			760	1	20	#12	16
18	#12	DINING ROOM 109 4 BUNKROOM 113 USB QUAD WALL RECEPTACLES 4 AHU PLATFORM	20	1	1440			1260	1	20	#12	18
20	#12	ICE MACHINE LOCATED IN UTILITY ROOM 118	20	1	1200			900	1	20	#12	20
22	#12	JUNCTION BOX (4 2-WAY SWITCH) FOR ROLLUP DOOR IN APPARATUS BAY 111	20	1	900			1080	1	20	#12	22
24	#12	JUNCTION BOX (4 2-WAY SWITCH) FOR ROLLUP DOOR IN APPARATUS BAY 111	20	1	900			900	1	20	#12	24
26	#12	JUNCTION BOX (4 2-WAY SWITCH) FOR ROLLUP DOOR IN MAINTENANCE BAY 121	20	1	900			180	1	20	#12	26
28	#12	DEDICATED RECEPTACLE IN MECH/ELEC ROOM 123	20	1	180			1250	2	20	#12	28
30	#12	GENERATOR BATTERY CHARGER	20	1	340			1250				30
32	#12	EXTERIOR WEATHER PROOF 6FCI RECEPTACLES FOR LIGHTS	20	1	900			900	1	20	#12	32
34	#12	GAS HOT WATER HEATER IGNITOR(S)	20	1	1800			1080	1	20	#12	34
36	#12	KUSSMAUL AUTO-ELECT SYSTEM	20	1	1200			1080	1	20	#12	36
38	#12	KUSSMAUL AUTO-ELECT SYSTEM	20	1	1200			1200	1	20	#12	38
40	#12	ELECTRIC SPACE HEATER LOCATED IN ATTIC	20	2	1250			1250	2	20	#12	40
42	#12	ELECTRIC SPACE HEATER LOCATED IN ATTIC	20	2	1250			1250	2	20	#12	42

SOLID NEUTRAL NEUTRAL WIRE (N)  
 TOTAL CONNECTED LOAD (VA) = 123,363  
 AØ = 64,241 BØ = 59,116  
 GROUND BUS GROUND WIRE (G)

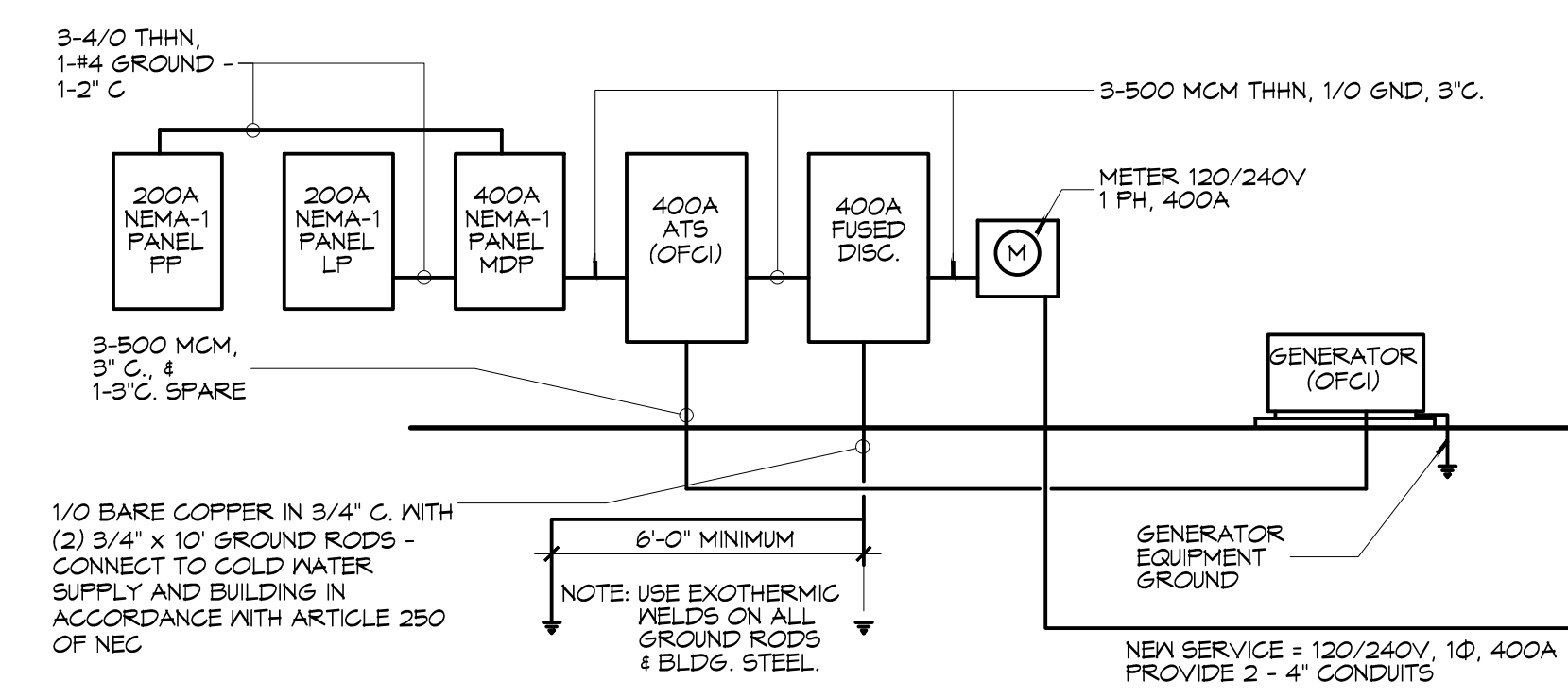
SOLID NEUTRAL NEUTRAL WIRE (N)  
 TOTAL CONNECTED LOAD (VA) = 41,560  
 AØ = 22,190 BØ = 19,370  
 GROUND BUS GROUND WIRE (G)

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

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

CKT. NO.	THHN WIRE SIZE	LOAD DESCRIPTION LOCATION	BREAKER		LOAD (VA)	AØ	BØ	LOAD (VA)	BREAKER		THHN WIRE SIZE	CKT. NO.
			AMP	POLE					POLE	AMP		
1	#12	LIGHTS IN ENTRY 101 4 DAYRM 102, UTILITY RM 118, STORAGE RM 120	20	1	476			1152	1	20	#12	2
3	#12	CEILING FANS IN DAYROOM 102 AND ON EXTERIOR REAR PATIO	20	1	255			1087	1	20	#12	4
5	#12	LIGHTS IN APPARATUS BAY 111	20	1	1752			1752	1	20	#12	6
7	#12	RESTRM 119 LIGHTS, FAN AND HEATER	20	1	1750			732	1	20	#12	8
9	#12	DOUBLE JUNCTION BOXES FOR SIGNS ON BLDG. ABOVE APPARATUS BAY DOORS	20	1	1800			624	1	20	#12	10
11	#12	EXIT AND EMERGENCY LIGHTS	20	1	320			526	1	20	#12	12
13	#12	SPACE	20	1	-			-	1	20	#12	14
15	#12	SPACE	20	1	-			-	1	20	#12	16
17	#12	SPACE	20	1	-			-	1	20	#12	18
19	#12	SPACE	20	1	-			-	1	20	#12	20
21	#12	SPACE	20	1	-			-	1	20	#12	22
23	#12	SPACE	20	1	-			-	1	20	#12	24

SOLID NEUTRAL NEUTRAL WIRE (N)  
 TOTAL CONNECTED LOAD (VA) = 12,226  
 AØ = 7,556 BØ = 4,670  
 GROUND BUS GROUND WIRE (G)



**DAMMON**  
 ENGINEERING, INC.  
 Architects & Engineers  
 www.dammonengineering.com  
 info@dammonengineering.com  
 PH: 985.649.5832  
 F: 985.641.5990

#	DESCRIPTION	DATE

SEAL:

ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1  
**FIRE STATION 18**  
 6155 AIRPORT ROAD  
 SUDELL, LOUISIANA 70460  
 JOB No: 2224 DATE: APRIL 10, 2015  
 DRAWN BY: KJK/JTL CHECKED BY: KJK

SHEET TITLE:  
 ELECTRICAL CIRCUIT  
 PANELS AND ONE-LINE  
 DIAGRAMS  
 DRAWING NUMBER:  
**E103**  
 SHEET No: 36 of 36