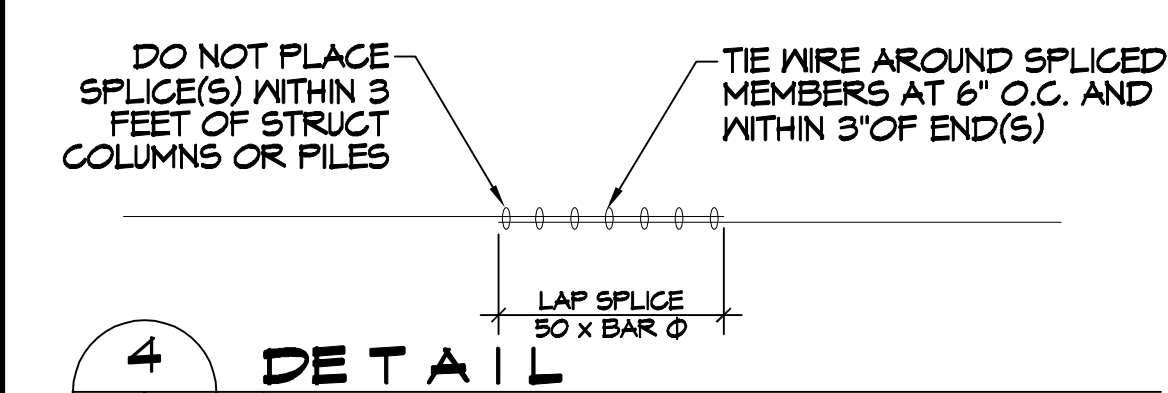
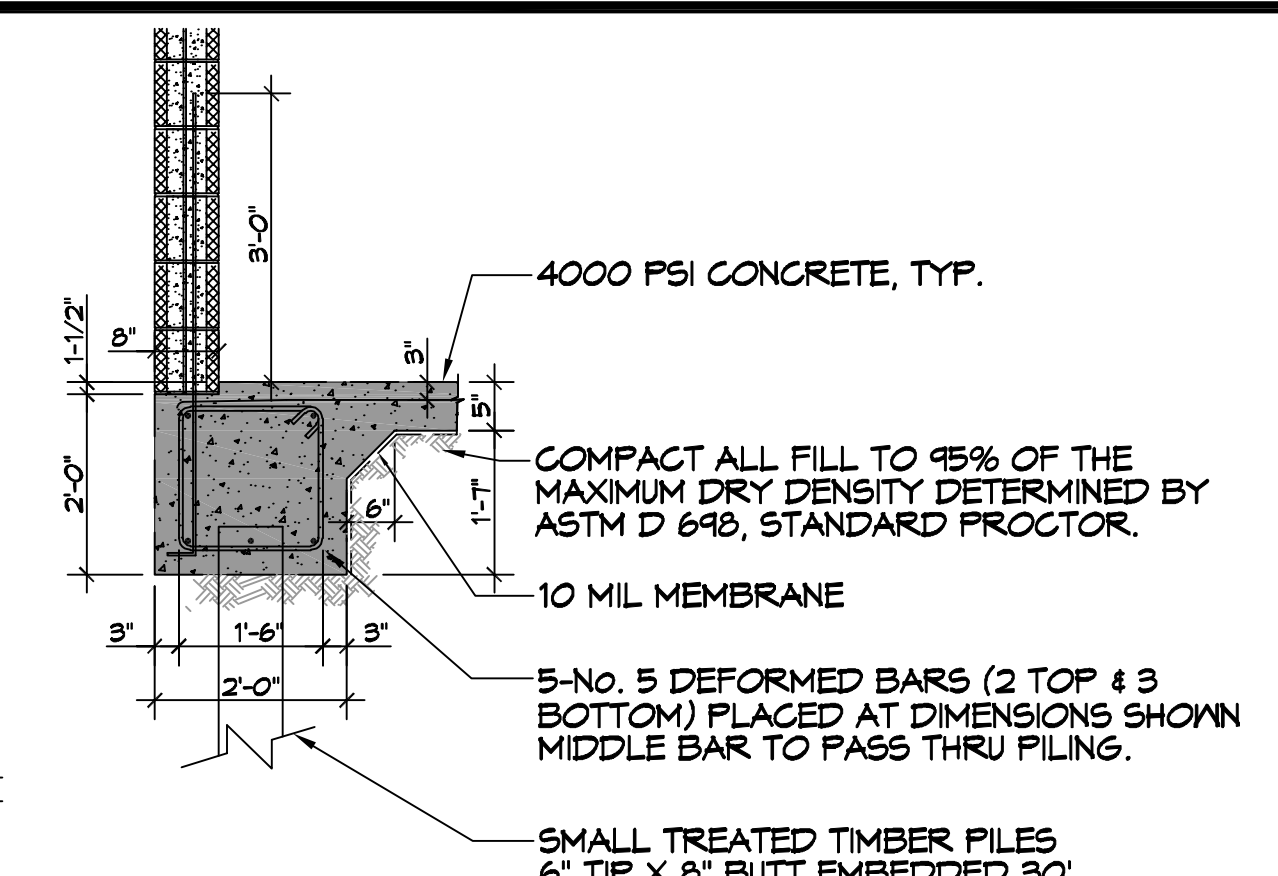


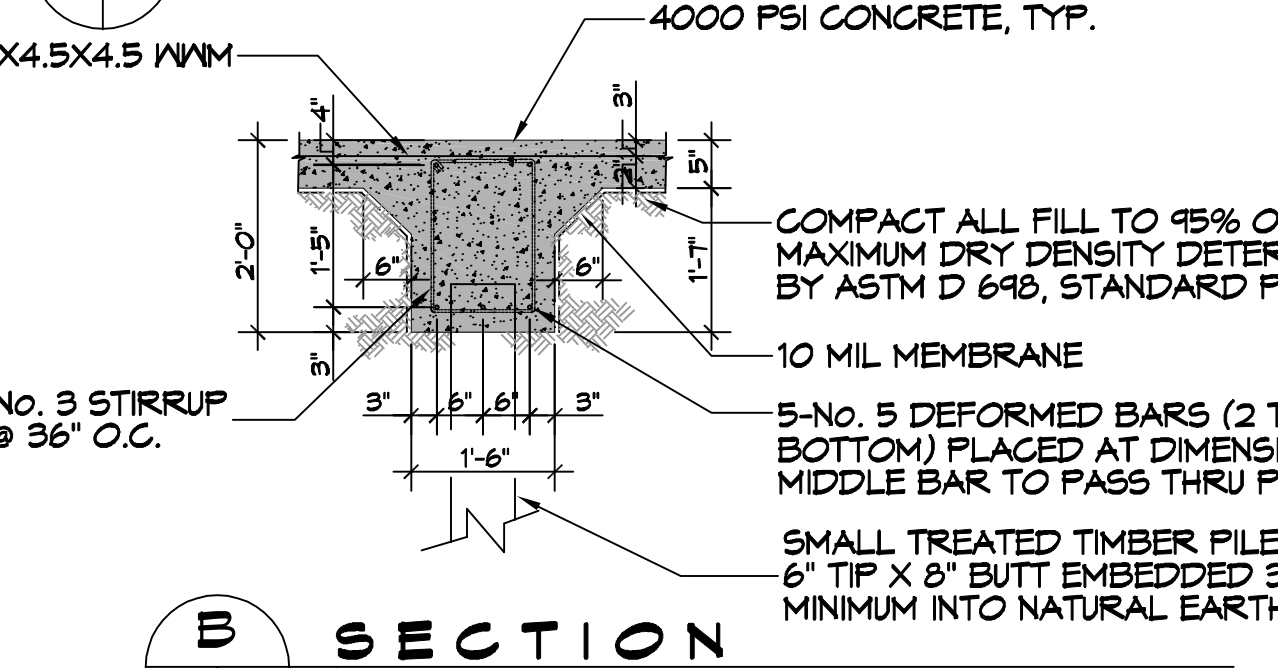
**3 DETAIL**  
SCALE: 1/2" = 1'-0"



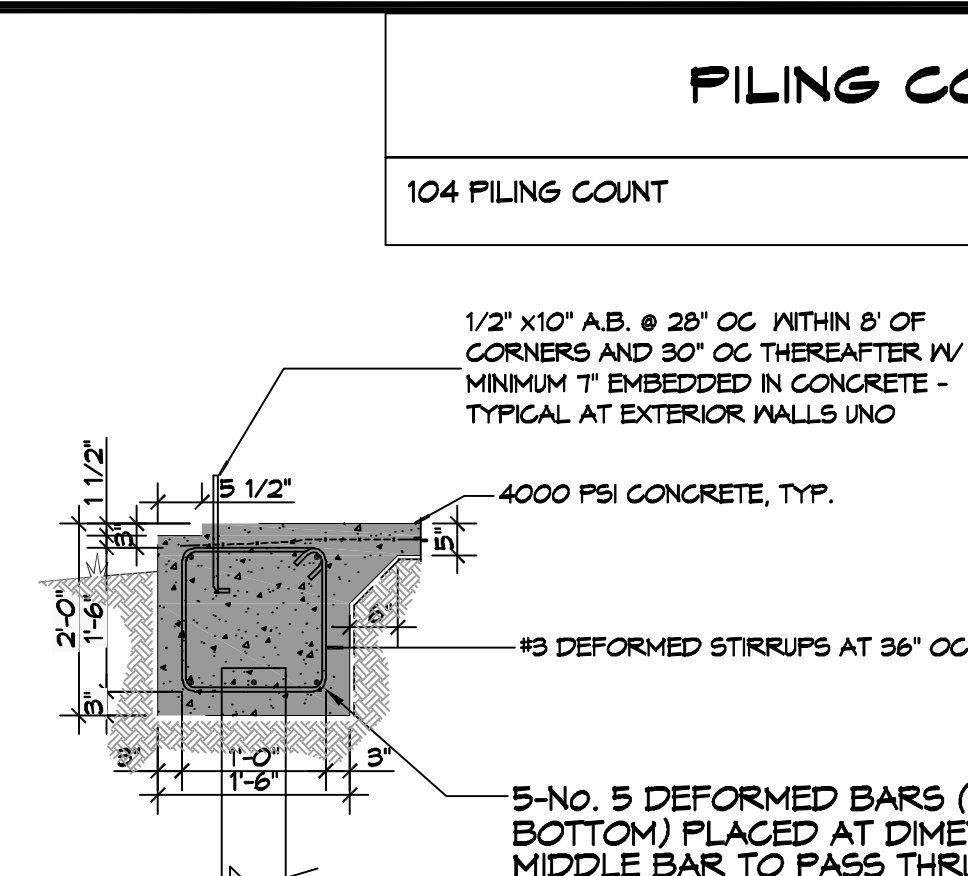
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SCALE: 1/2" = 1'-0"



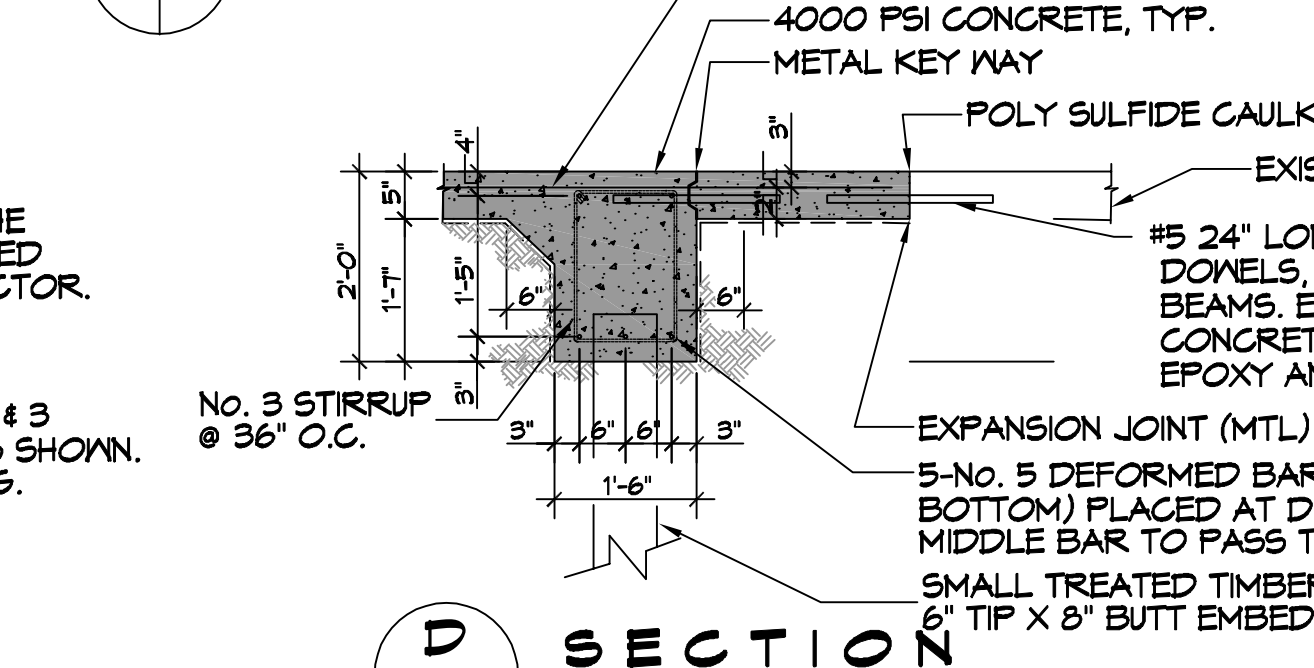
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SCALE: 1" = 1'-0"



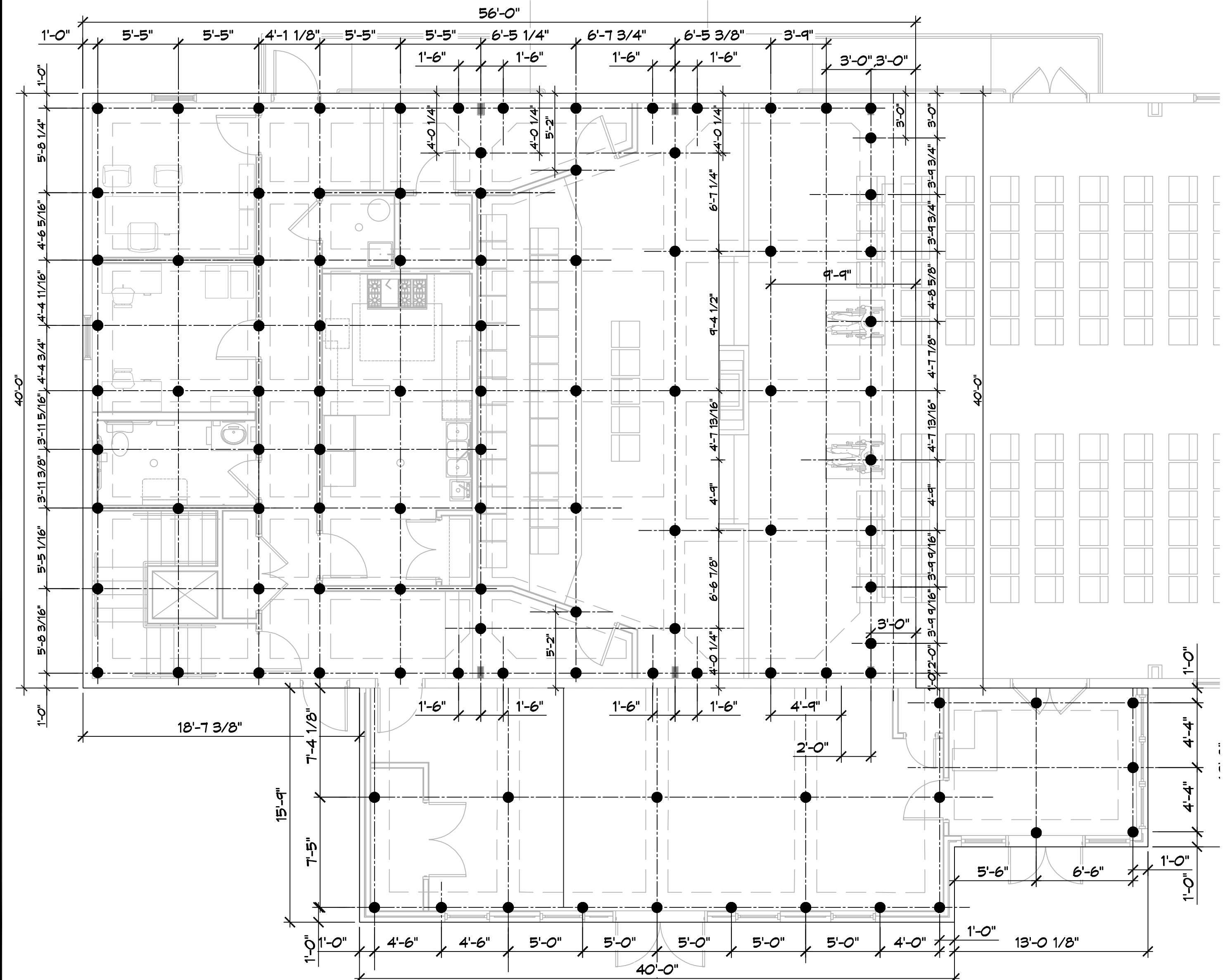
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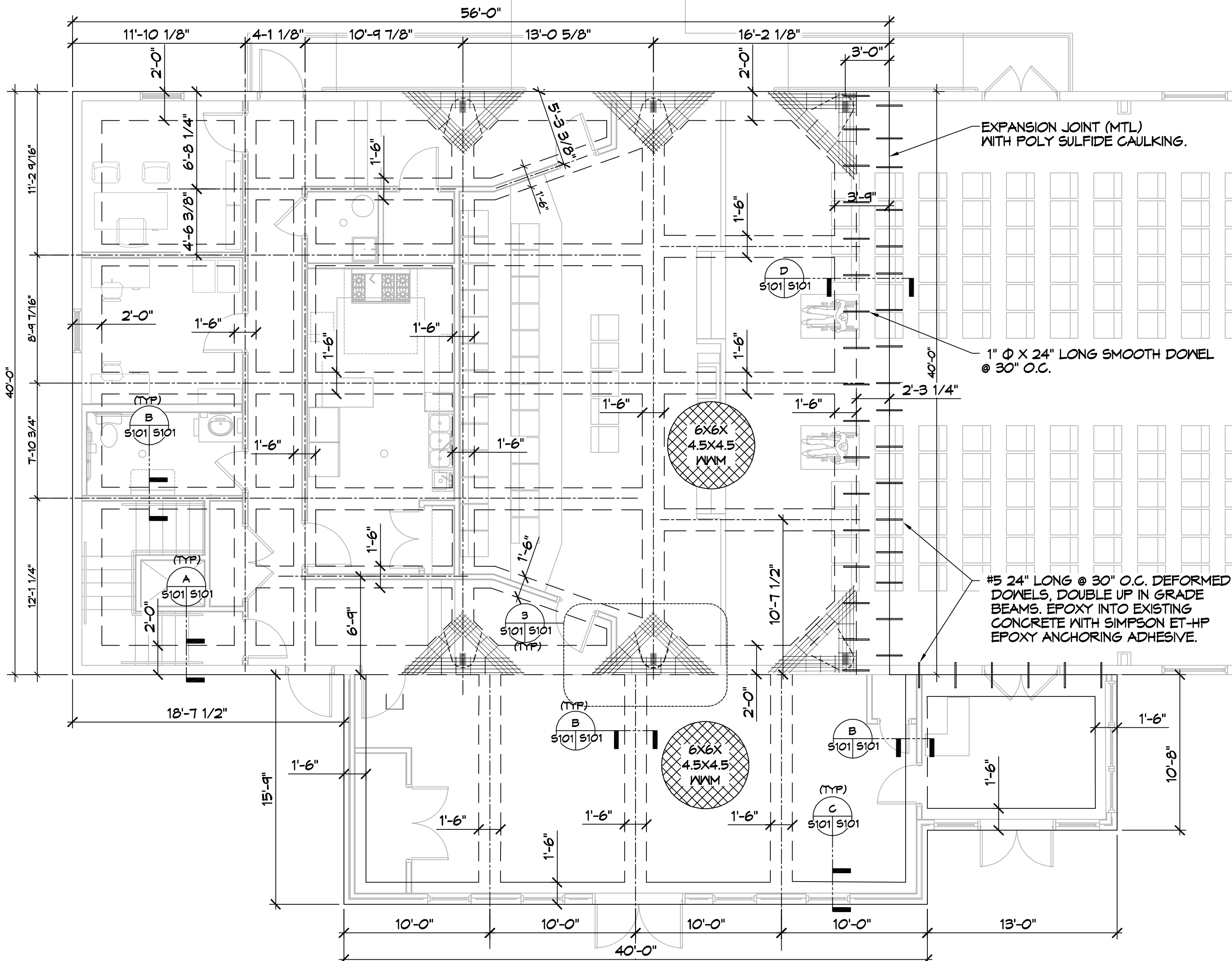
**C SECTION**  
SCALE: 1/2" = 1'-0"



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



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



**2 FOUNDATION PLAN**  
SCALE: 3/16" = 1'-0"

**PILING COUNT**

104 PILING COUNT

**GENERAL SITEPREP NOTES**

1. THE GC SHALL EMPLOY A GEOTECHNICAL ENGINEER TO MONITOR SITE CONDITIONS DURING THE PREP WORK OF THE SITE FOUNDATION. SEE GEOTECHNICAL REPORT DATED MARCH 20TH 2023.

**PILING NOTES**

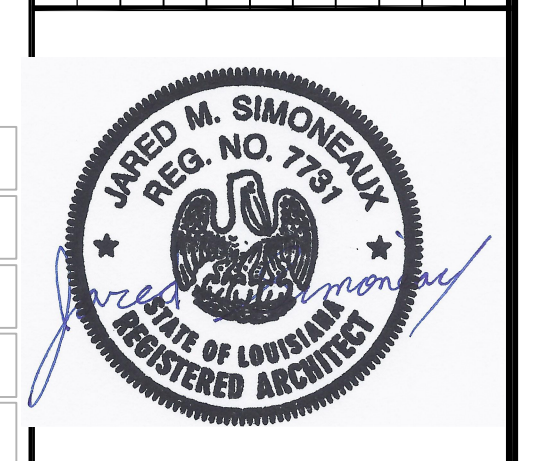
1. GC SHALL EMPLOY A GEOTECHNICAL ENGINEER.
2. ALL PILINGS SHALL BE CLASS 5 PRESSURE TREATED, 6 INCH TIP AND 8\"/>

**GENERAL FOUNDATION NOTES**

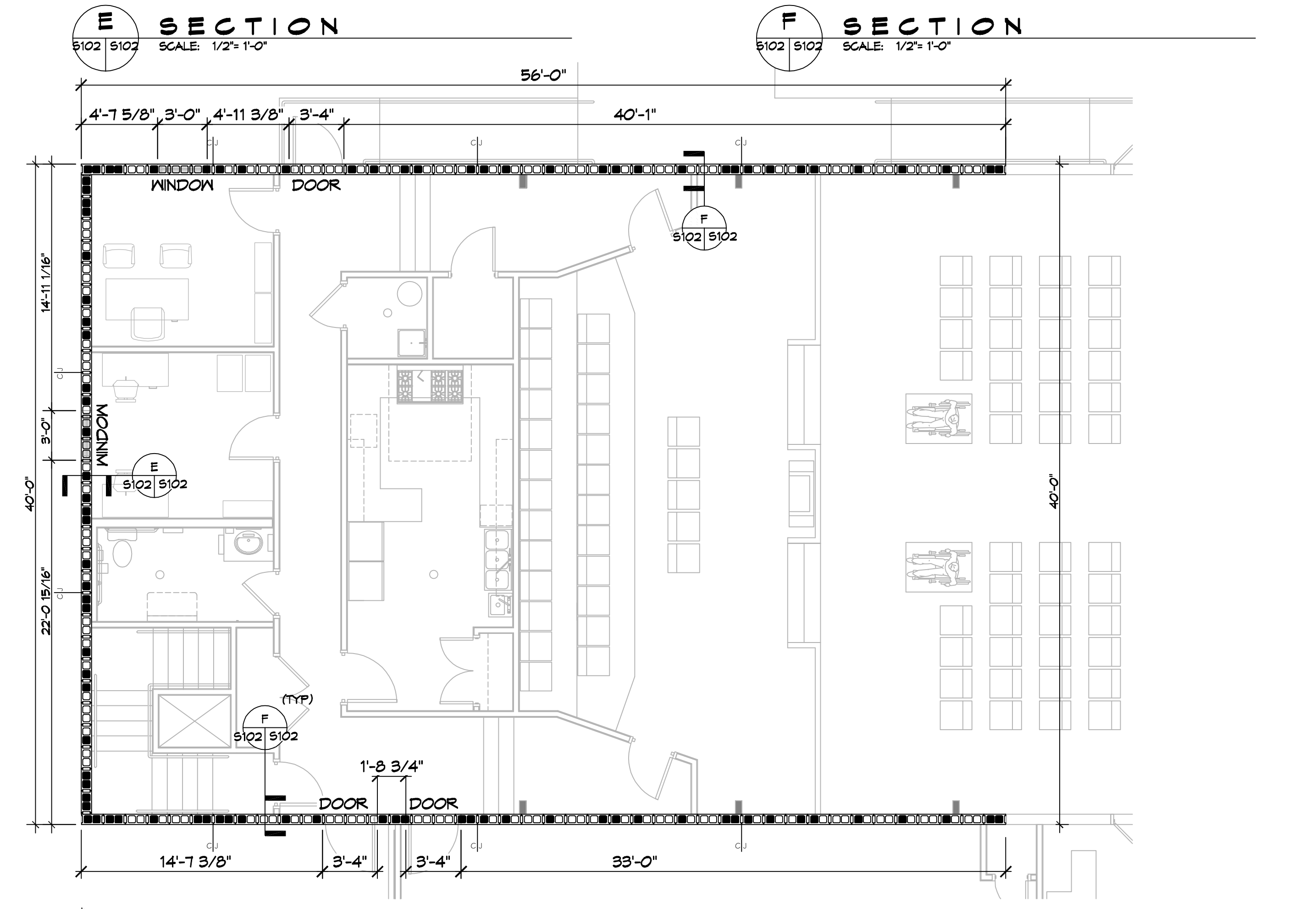
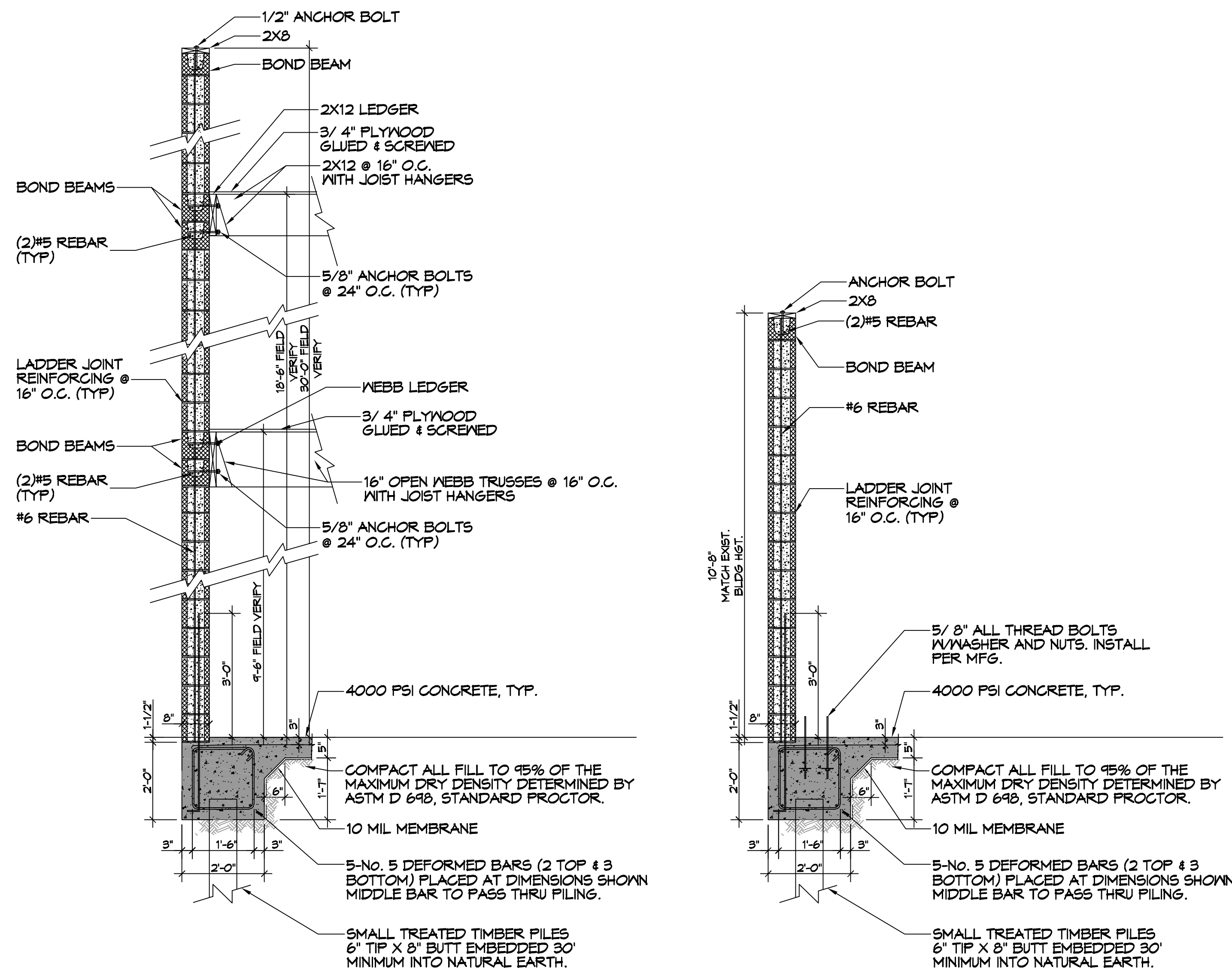
1. THE CONCRETE MIX SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI AT 28 DAYS. CONCRETE MIX SHALL BE IN ACCORDANCE WITH ACI-318.
2. ALL CONVENTIONAL REINFORCING SHALL MEET ASTM-A615 (GRADE 60). ALL WELDED WIRE SHALL CONFORM TO ASTM A185 W/MIN YIELD OF 65000 PSI. LAP ALL W/WF 2 1/4\"/>

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Slidell, LA 70468  
Chief Engineer: Brian Wistich, PE

#	DESCRIPTION	DATE



**THE SIXTH URBAN REDEVELOPMENT**  
JOB No: 2470 DATE: 08-20-2025  
DRAWN BY: [ ] CHECKED BY: [ ]  
SHEET TITLE: PILING AND FOUNDATION PLAN  
DRAWING NUMBER: **S101**  
SHEET No: 1 of 15



**MASONRY NOTES**

- MASONRY CONSTRUCTION SHALL CONFORM TO ACI BUILDING CODE REQUIREMENTS FOR CONCRETE MASONRY STRUCTURES (ACI 530-99/ASCE 6-95/TMS 602-95) ASTM C476, ASTM C1019, AND NCMA TEK 107.
- CONCRETE BLOCKS SHALL CONFORM TO ASTM C-90. (FM = 1500 PSI) (1900 PSI ON THE NET AREA)
- MORTAR SHALL COMPLY WITH ASTM C270, TYPE M (COMPRESSIVE STRENGTH = 2500 PSI SITE TESTED MORTAR CUBES SHALL ACHIEVE A MINIMUM OF 80% OF THE DESIGN COMPRESSIVE STRENGTH)
- BLOCK SHALL NOT BE MOISTENED BEFORE GROUTING.
- ALL MASONRY CROSS WEBS SHALL BE FULLY BEDDED IN MORTAR AROUND CELLS TO BE GROUTED
- VERTICAL REINFORCING MUST BE CENTERED IN THE CAVITY AND SHALL HAVE A MINIMUM CLEARANCE OF 1/2" TO INSIDE FACE. VERTICAL BAR LAP = 48 X BAR DIAMETER U.N.O.. SEE GROUTING DETAIL NOTE FOR CLEANOUT REQUIREMENTS.
- GROUT PLACEMENT STOPPED FOR (1) HOUR OR MORE SHOULD BE STOPPED 1 1/2" BELOW THE TOP OF THE MASONRY UNIT TO PROVIDE A KEY FOR SUBSEQUENT GROUTING
- SEE FOUNDATION PLANS AND WALL SCHEDULE FOR ALL VERTICAL REINFORCING.
- TEMPORARY BRACING AND SHORING OF PIERS DURING CONSTRUCTION TO BE THE RESPONSIBILITY OF THE CONTRACTOR.
- MASONRY CONSTRUCTION MATERIALS AND INSPECTIONS SHALL CONFORM TO ALL REQUIREMENTS OF "SPECIFICATIONS FOR MASONRY STRUCTURES (ACI-ASCE 530.1)" EXCEPT AS MODIFIED BY THE REQUIREMENTS OF THESE DOCUMENTS.
- DO NOT APPLY CONCENTRATED LOADS TO MASONRY WALLS FOR AT LEAST (3) DAYS.
- CONTRACTOR SHALL PROVIDE MOISTURE PROTECTION OF PIER DURING INCLEMENT WEATHER.
- DO NOT GROUT UNTIL MORTAR HAS SET SUFFICIENTLY TO WITHSTAND THE PRESSURE OF THE GROUT. WAIT NOT LESS THAN 24 HOURS.
- WAIT A MINIMUM OF 40 MINUTES BEFORE PLACING NEW GROUT ON A PREVIOUS LIFT.
- MAXIMUM WALL HEIGHT FROM TOP OF PREVIOUS GROUT FOURS LAID UP AT ONE TIME SHALL BE 12'-0".
- THE MINIMUM CONTINUOUS UNOBSTRUCTED CLEAR AREA IN CELL TO RECEIVE GROUT MUST BE NOT LESS THAN 3'X3". MORTAR FINS MUST BE REMOVED AS BLOCKS PLACEMENT PROCEEDS. MORTAR DROPPINGS MUST BE KEPT OUT OF CELLS WHICH ARE TO BE GROUTED.

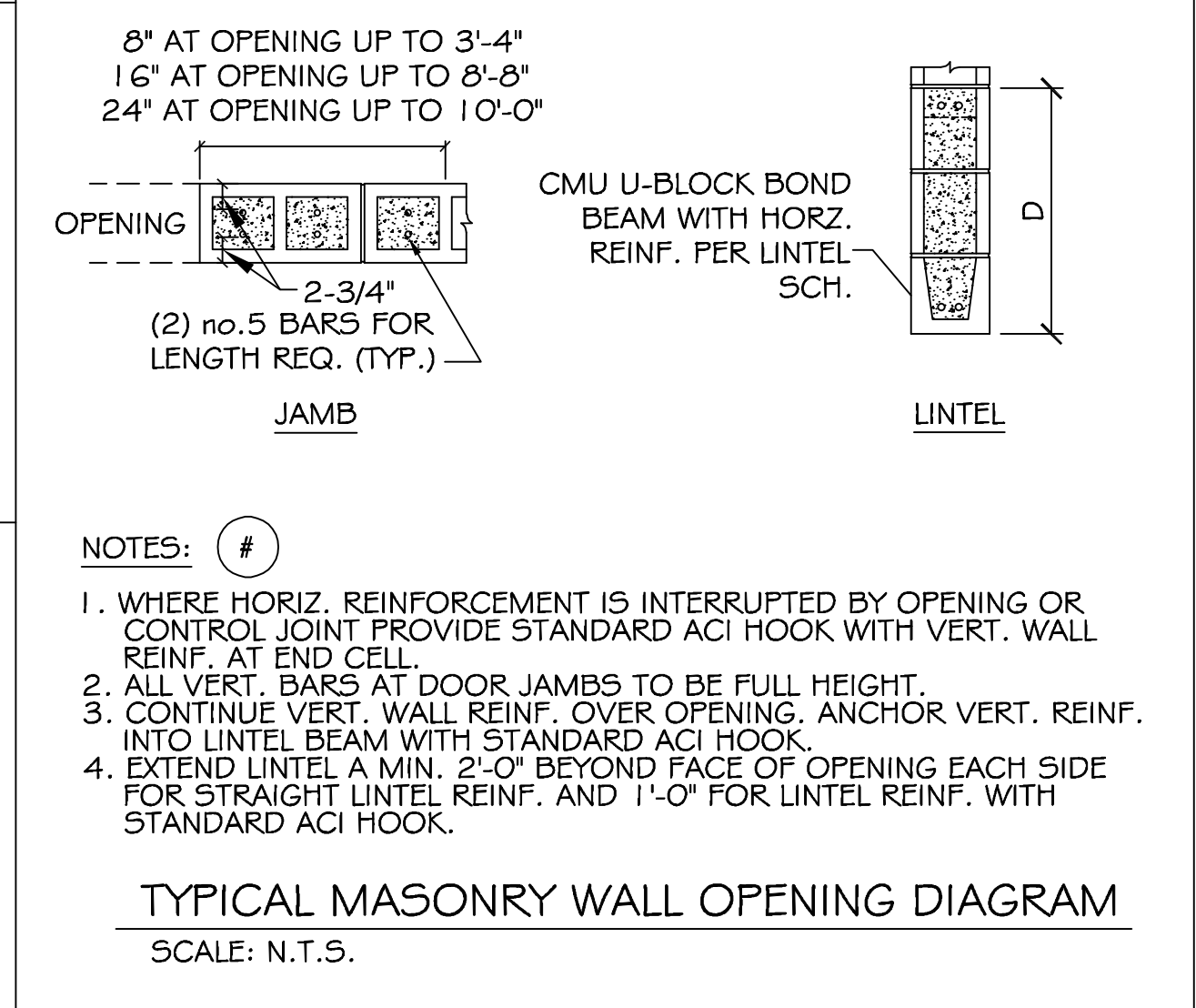
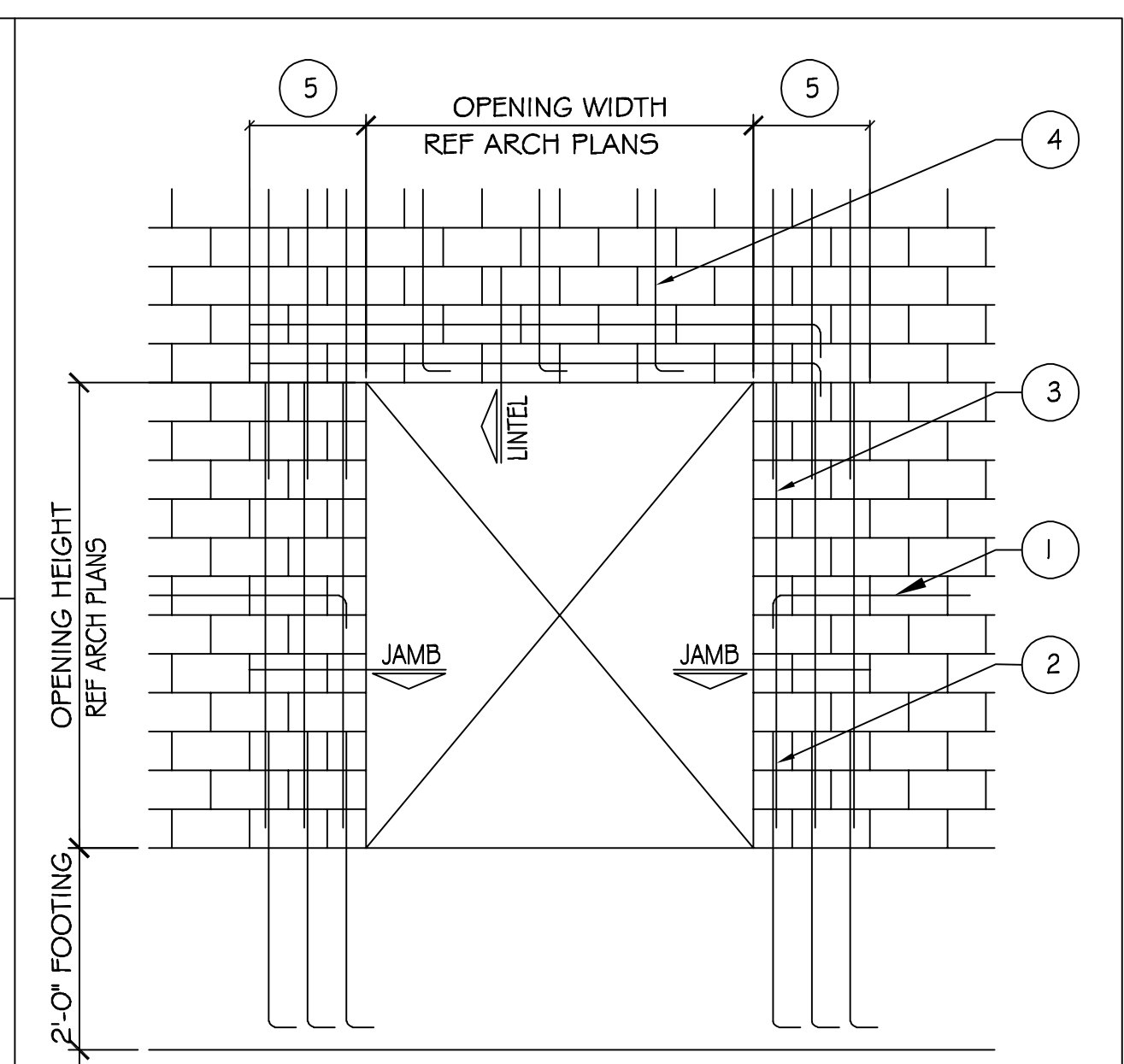
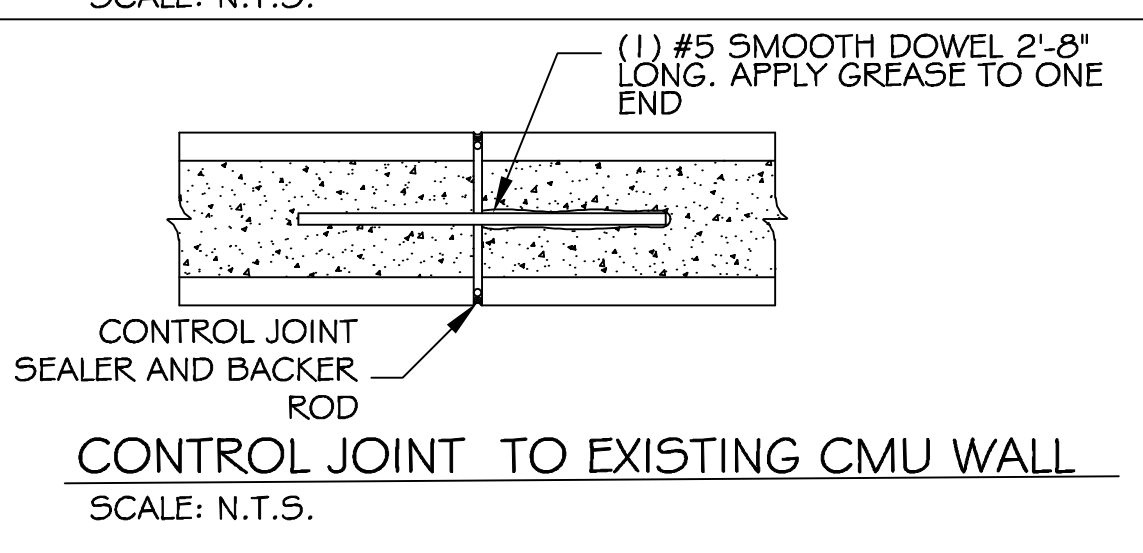
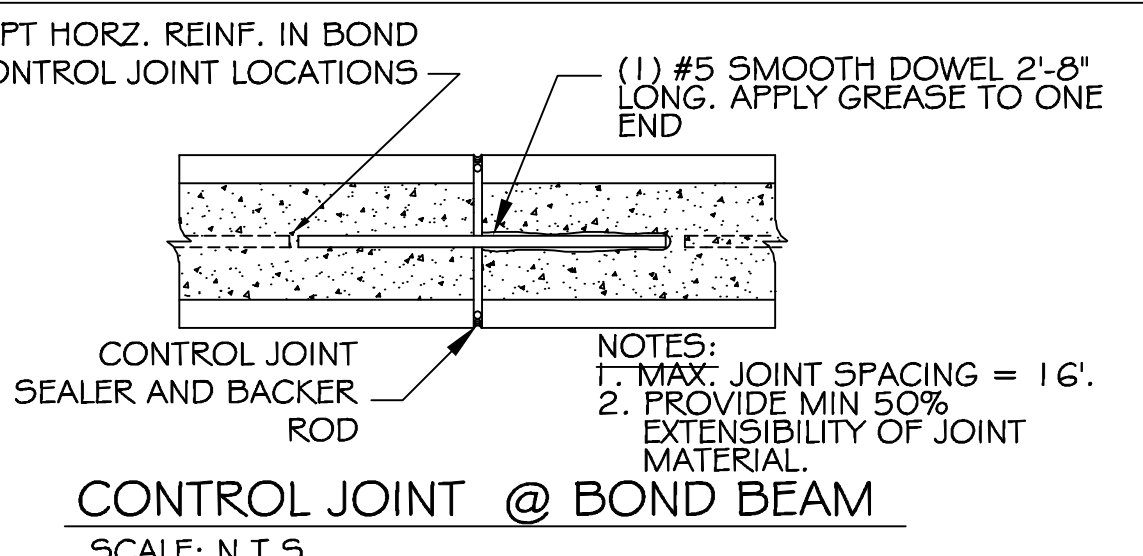
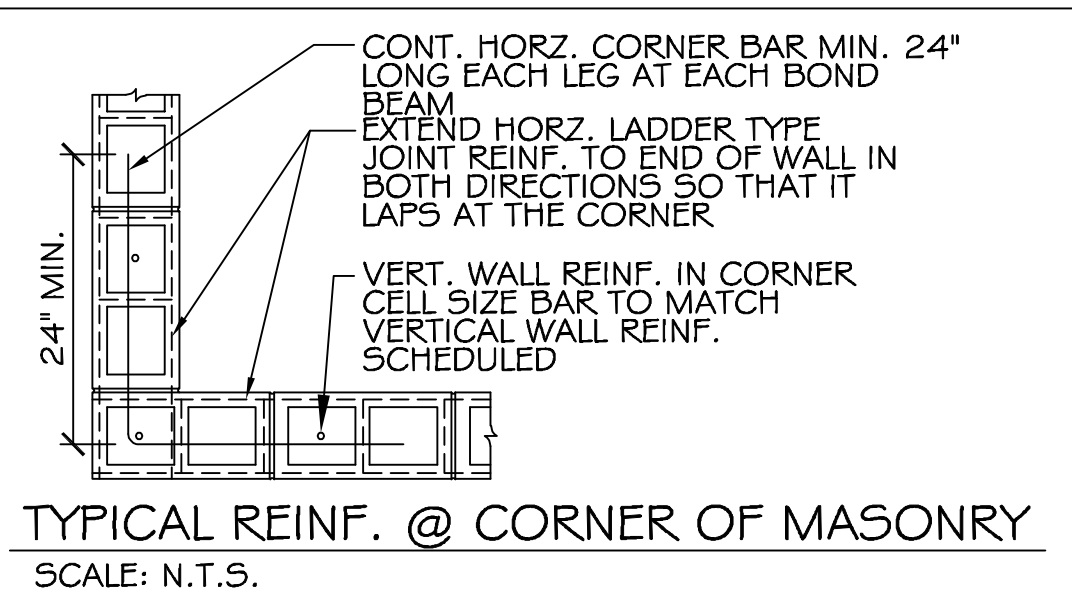
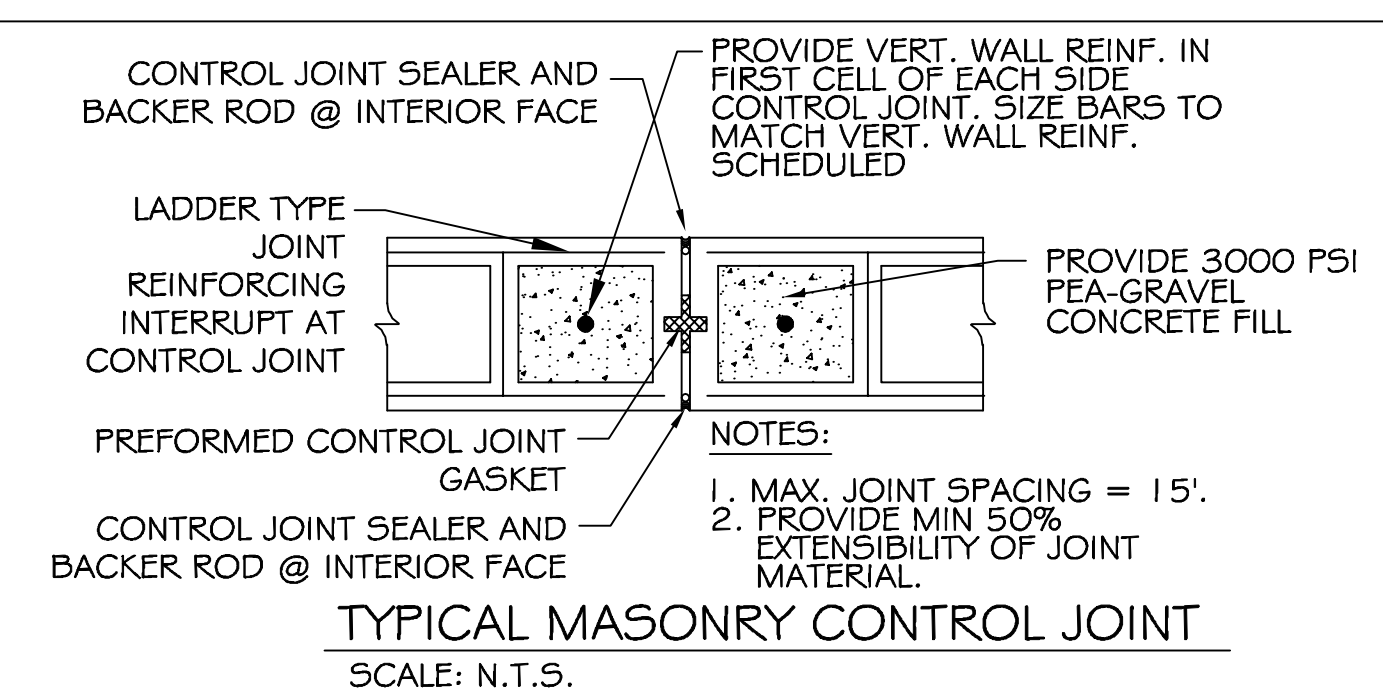
**LEGEND**

- INDICATES CONTINUOUS NO. 5 VERTICAL REINF. W/ 3000 PSI CONCRETE FILL.
- INDICATES MASONRY CONTROL JOINT. SEE DETAIL THIS SHEET

**CMU LINTEL SCHEDULE**

WIDTH (W)	CLEAR SPAN	DEPTH (D)	HORZ. REINF.
8" TYP AT ALL CMU WALLS	UP TO 3'-4"	8"	(1) #6 BOTTOM
	UP TO 6'-4"	16"	(1) #6 T&B
	UP TO 14'-0"	24"	(2) #6 T&B

PROVIDE 3000 PSI PEA-GRAVEL CONCRETE FILL FOR ALL LINTELS.



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REVISIONS

#	DESCRIPTION	DATE



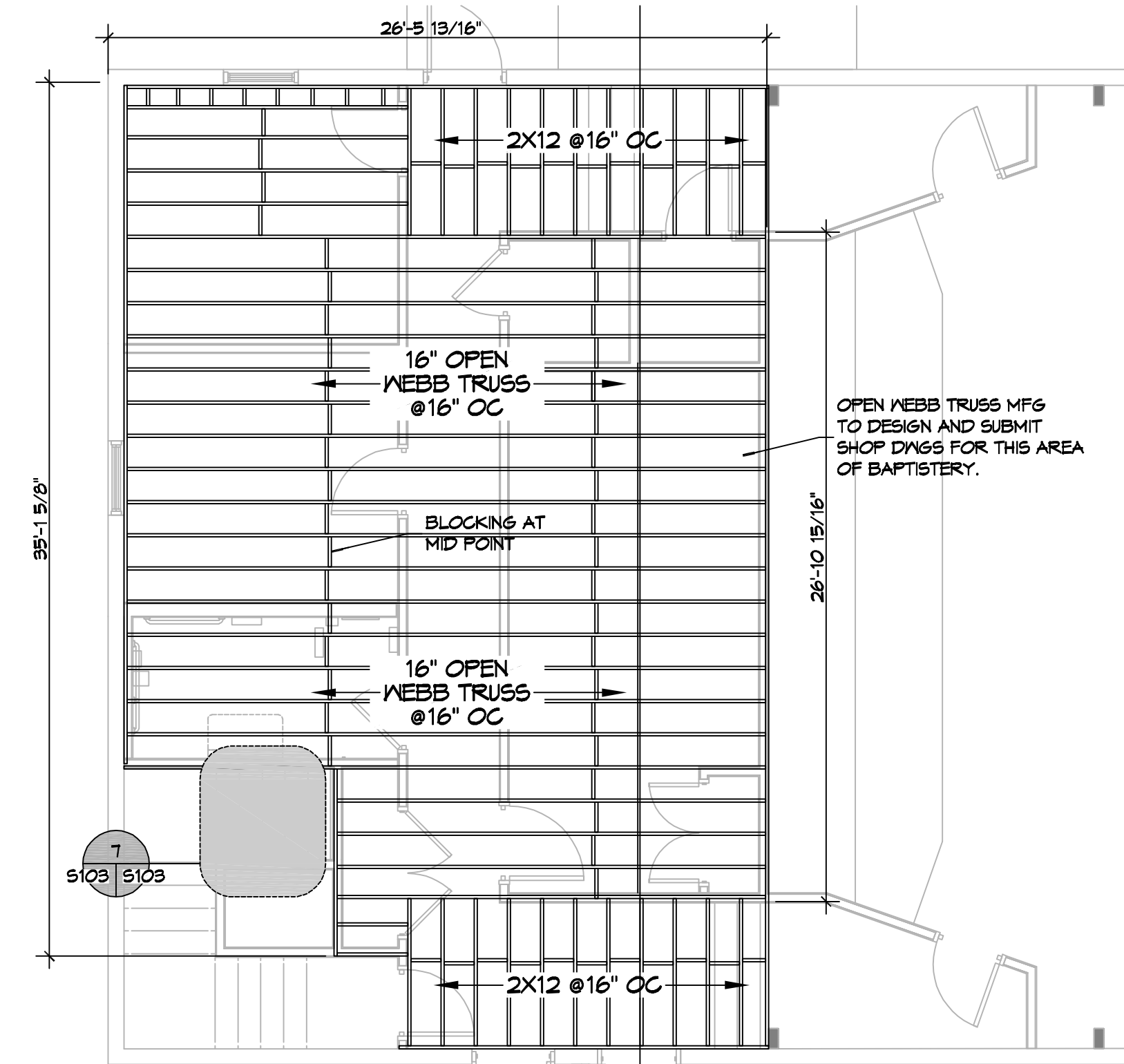
**THE SIXTH FLOOR ARCHITECTURE**

428 FELICITY STREET  
NEW ORLEANS, LA 70130  
JOB No: 2470 DATE: 08-30-2025  
DRAWN BY: CHECKED BY:

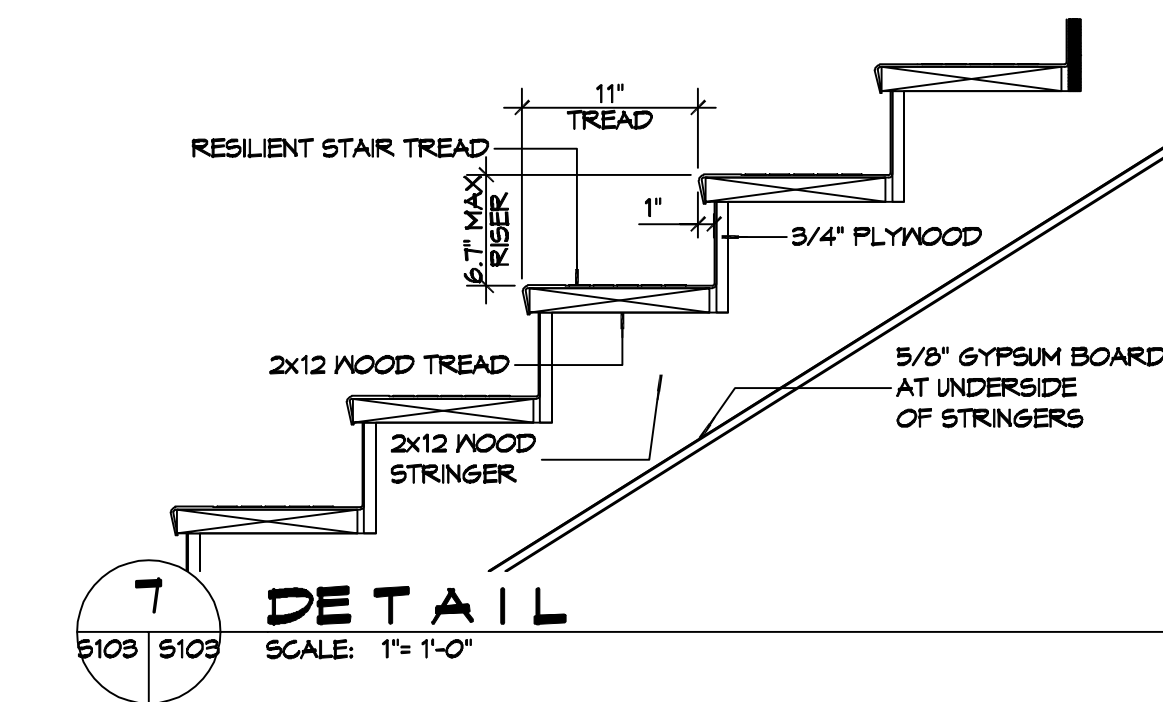
SHEET TITLE: CMU PLAN

DRAWING NUMBER: **S102**

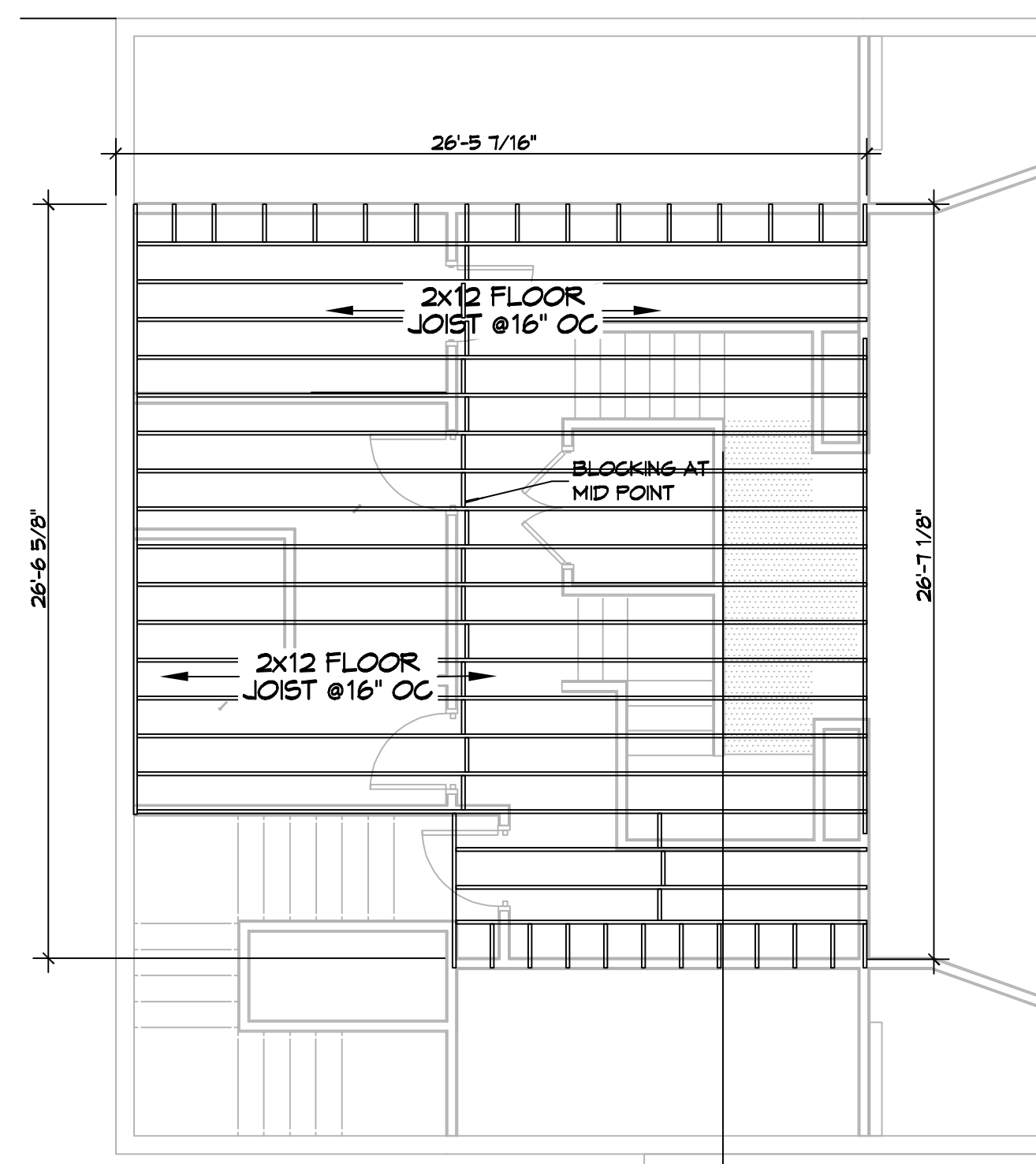
SHEET No: 2 of 15



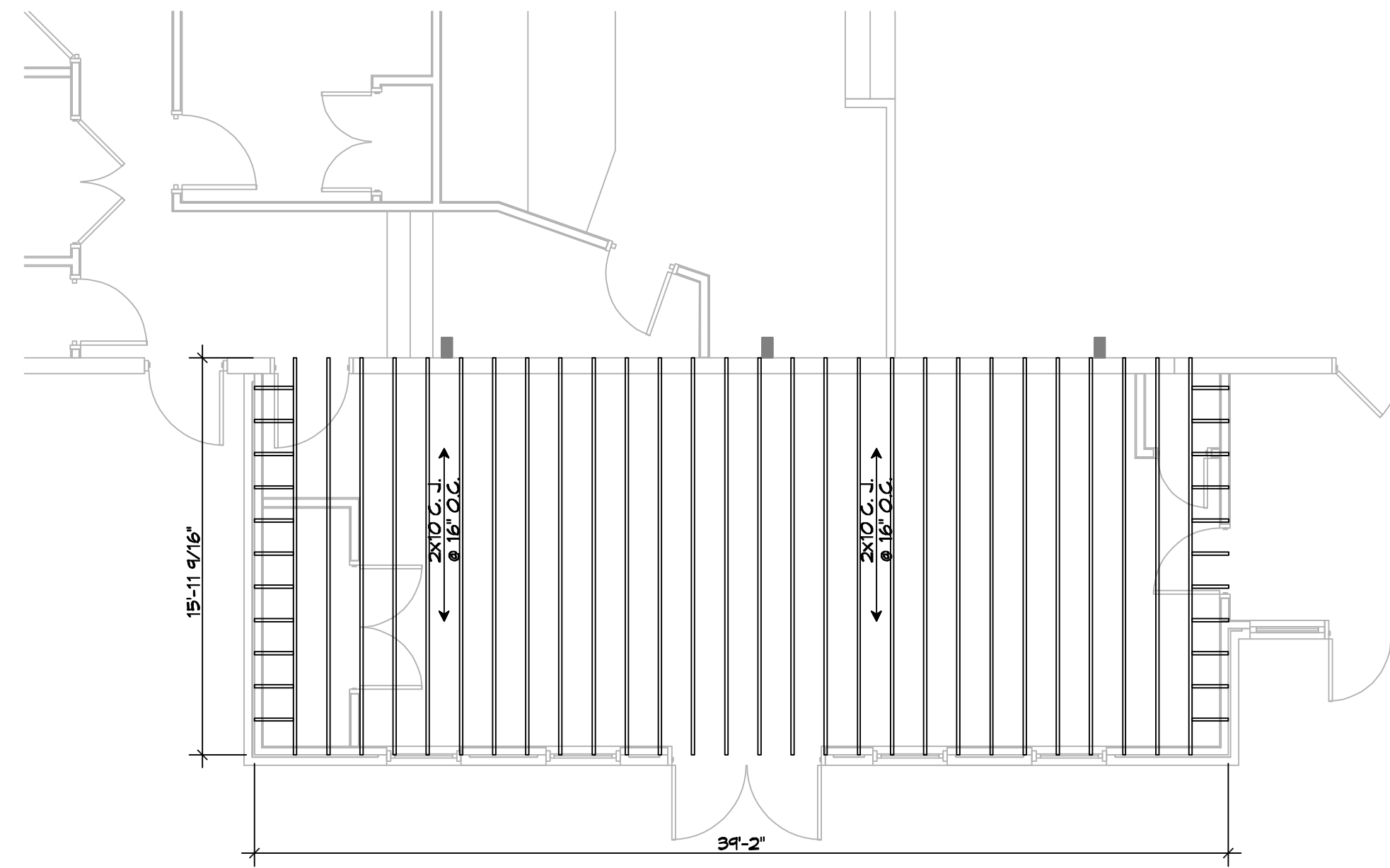
**6 FLOOR FRAMING PLAN**  
SCALE: 3/16" = 1'-0"  
SECOND FLOOR



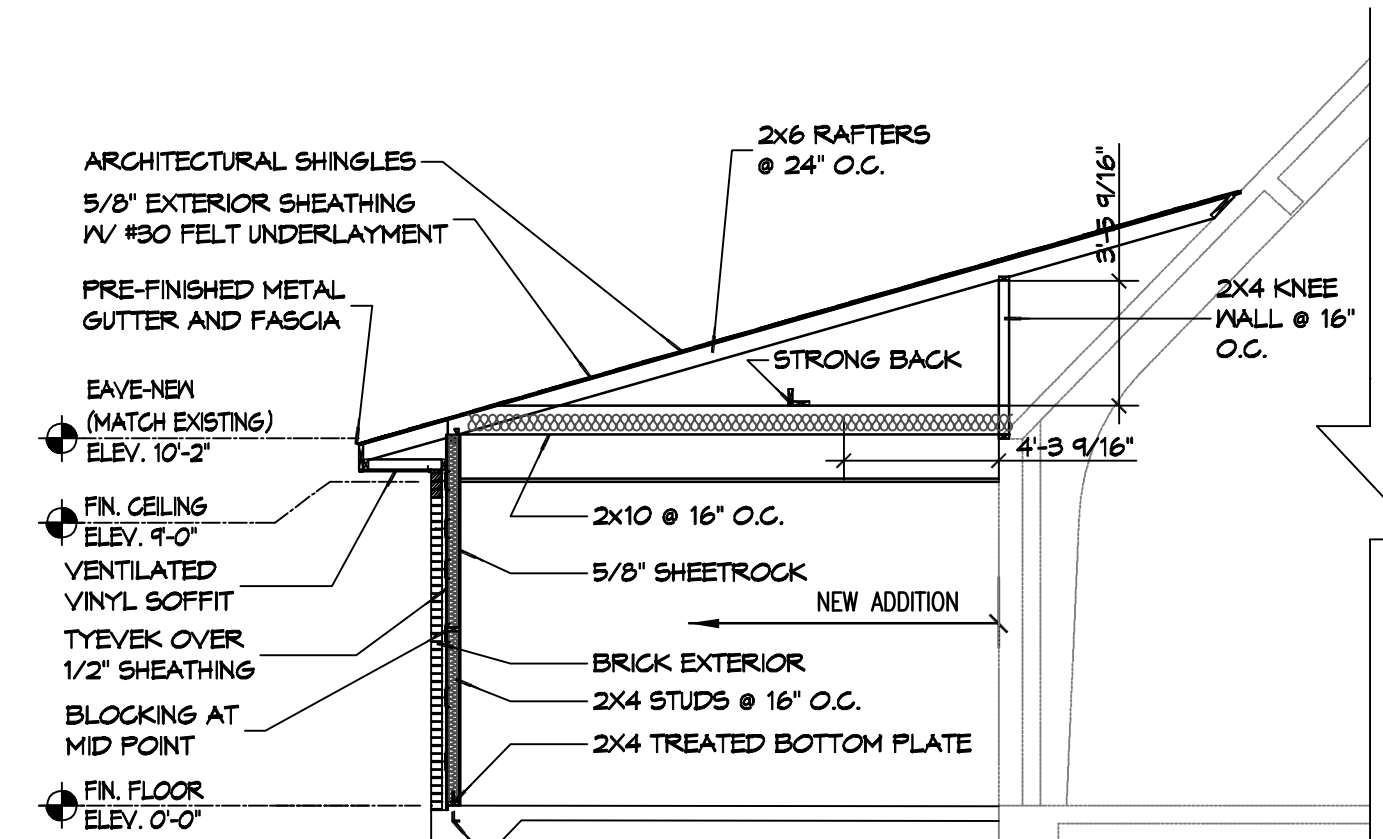
**7 DETAIL**  
SCALE: 1" = 1'-0"



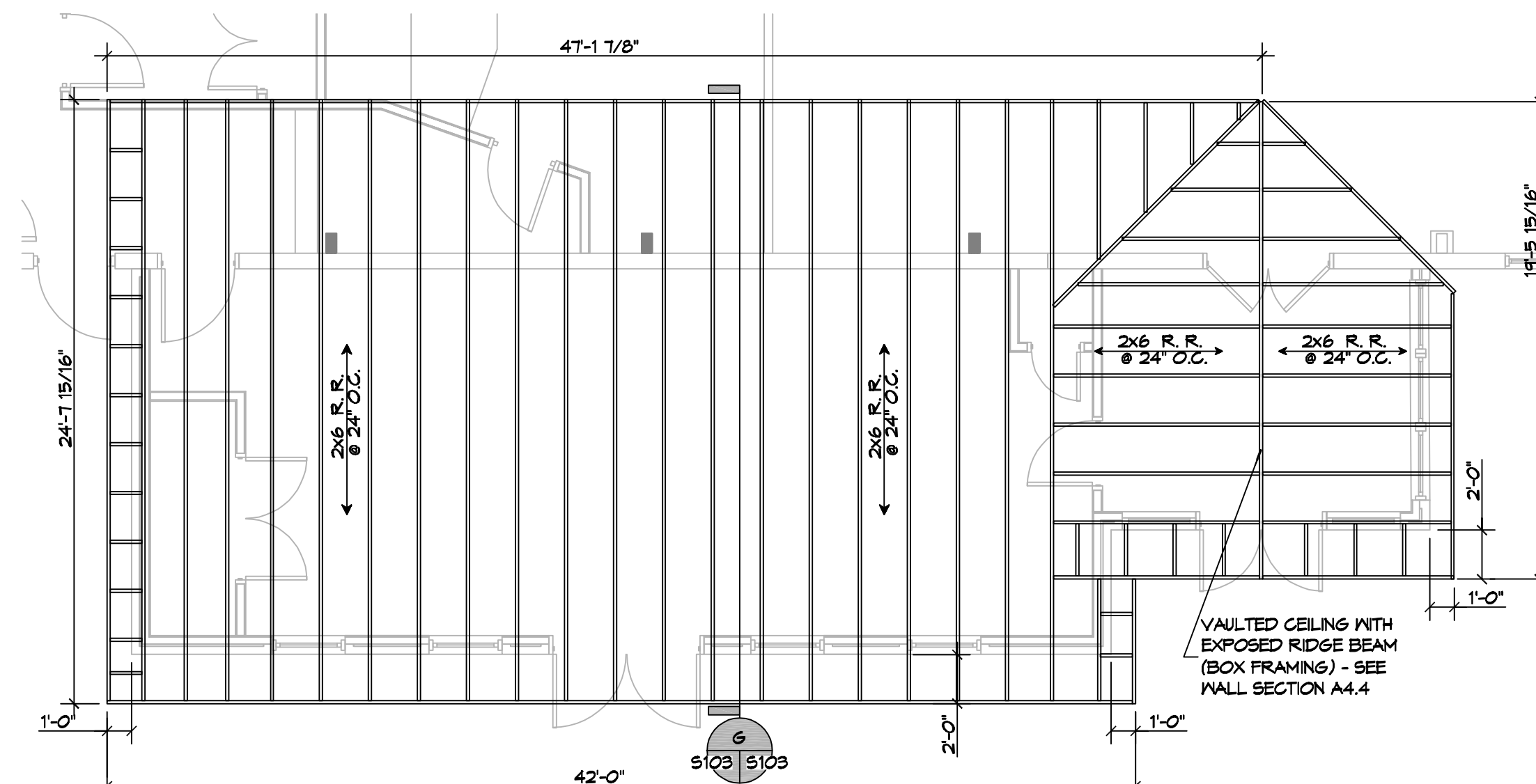
**8 FLOOR FRAMING PLAN**  
SCALE: 3/16" = 1'-0"  
ATTIC



**9 CEILING JOIST FRAMING PLAN**  
SCALE: 3/16" = 1'-0"  
MULTI-PURPOSE



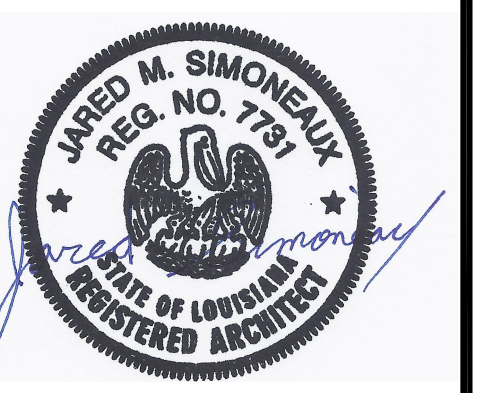
**G SECTION**  
SCALE: 3/16" = 1'-0"



**10 ROOF FRAMING PLAN**  
SCALE: 3/16" = 1'-0"  
MULTI-PURPOSE

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REVISIONS	DATE
#	DESCRIPTION



**THE SIXTH CHURCH  
RESTORATION  
ADDITION**  
928 FELICITY STREET  
NEW ORLEANS LA 70130  
JOB No: 08-20-2025  
DATE: 2470  
CHECKED BY:  
DRAWN BY:

SHEET TITLE:  
BUILDING SECTION  
DRAWING NUMBER:  
**S103**  
SHEET No: 3 of 15



**TABLE S601.7 - UPLIFT CONNECTIONS - 150 MPH WINDS EXP "C"**  
NFCM 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	40T	242	152R	4
WALL ASSEMBLY TO FOUNDATION	16" OC	16	224	219	436	4

**TABLE S601.8 - SILL OR BOTTOM PLATE TO FOUNDATION CONNECTIONS RESISTING UPLIFT LOADS - 150 MPH WIND EXP "C"**  
NFCM 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

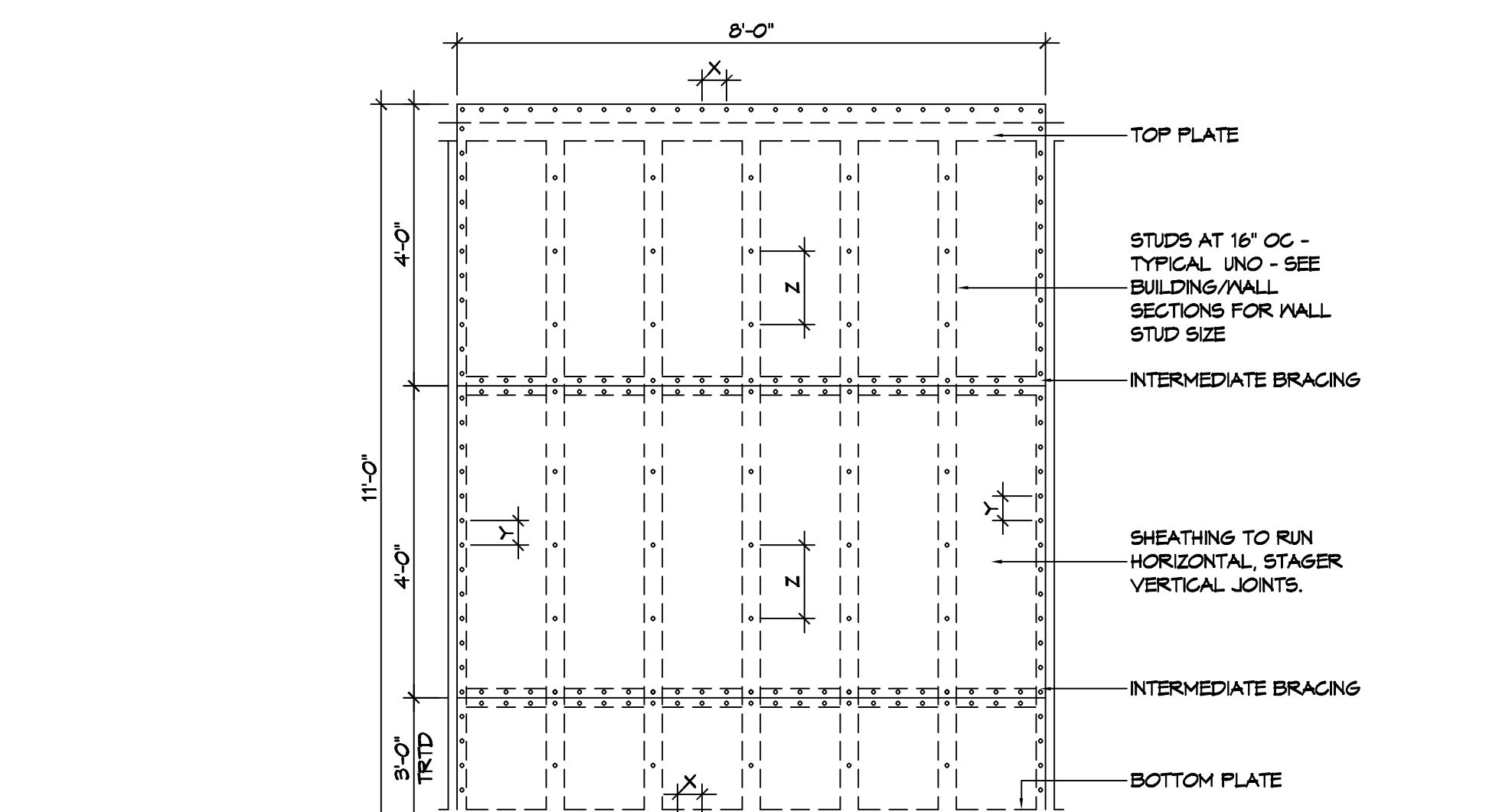
NOTE: A MINIMUM OF ONE ANCHOR BOLT SHALL BE PROVIDED WITHIN 6 TO 12 INCHES OF EACH END OF EACH PLATE

**TABLE S601.9 - SILL OR BOTTOM PLATE TO FOUNDATION CONNECTIONS RESISTING SHEAR LOADS - 150 MPH WIND EXP "C"**  
NFCM 2015 TABLE 3.2B

BOTTOM PLATE TO FOUNDATION ANCHOR BOLT CONNECTION RESISTING	FOUNDATION SUPPORTING	MAXIMUM ANCHOR BOLT SPACING (INCHES)	
		5/8" Ø ANCHOR BOLTS	48 INCHES ON CENTER W/3X3X1/4" WASHER
UPLIFT LOADS	4 STORY		

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



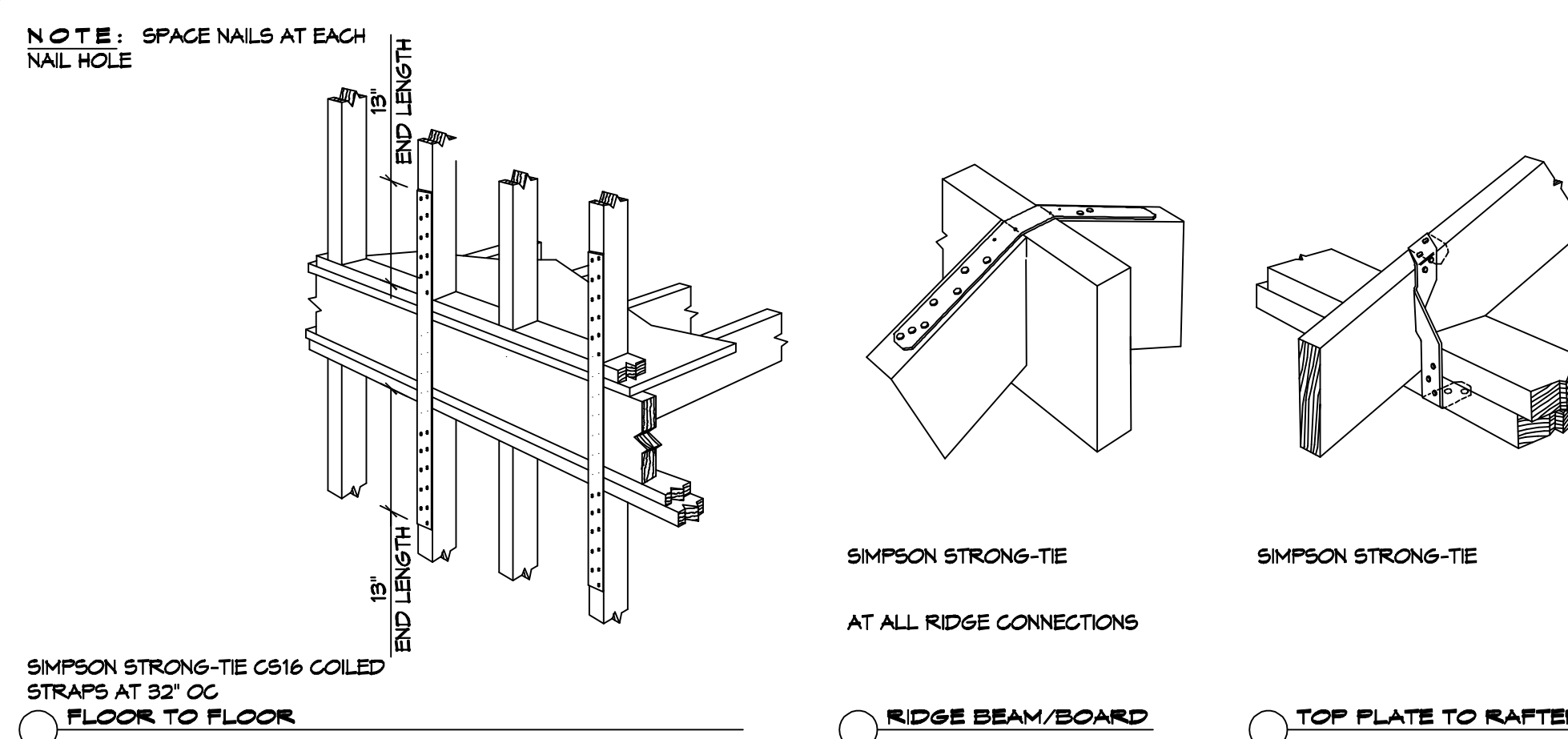
**NAIL SPACING**  
X = 4" OC  
Y = 4" OC  
Z = 12" OC

X = PLATE EDGE NAIL SPACING  
Y = LONG EDGE NAIL SPACING  
Z = FIELD NAIL SPACING

**INTERIOR SHEATHING**  
1/2" PLYWOOD EACH FACE STAGGERED 48" OC. W/8d NAILS  
Ø 4" O.C. FASTENING @ PANEL EDGES 8d NAILS  
Ø 12" O.C. FASTENING @ INTERMEDIATE MEMBERS.

**EXTERIOR SHEATHING**  
1/2" PLYWOOD EACH FACE STAGGERED 48" OC. W/8d NAILS  
Ø 4" O.C. FASTENING @ PANEL EDGES 8d NAILS  
Ø 12" O.C. FASTENING @ INTERMEDIATE MEMBERS.

**SHEAR WALL EXTERIOR SHEATHING NAILING PATTERN**



**TYPICAL CONNECTION DETAILS**  
SCALE: NTS

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

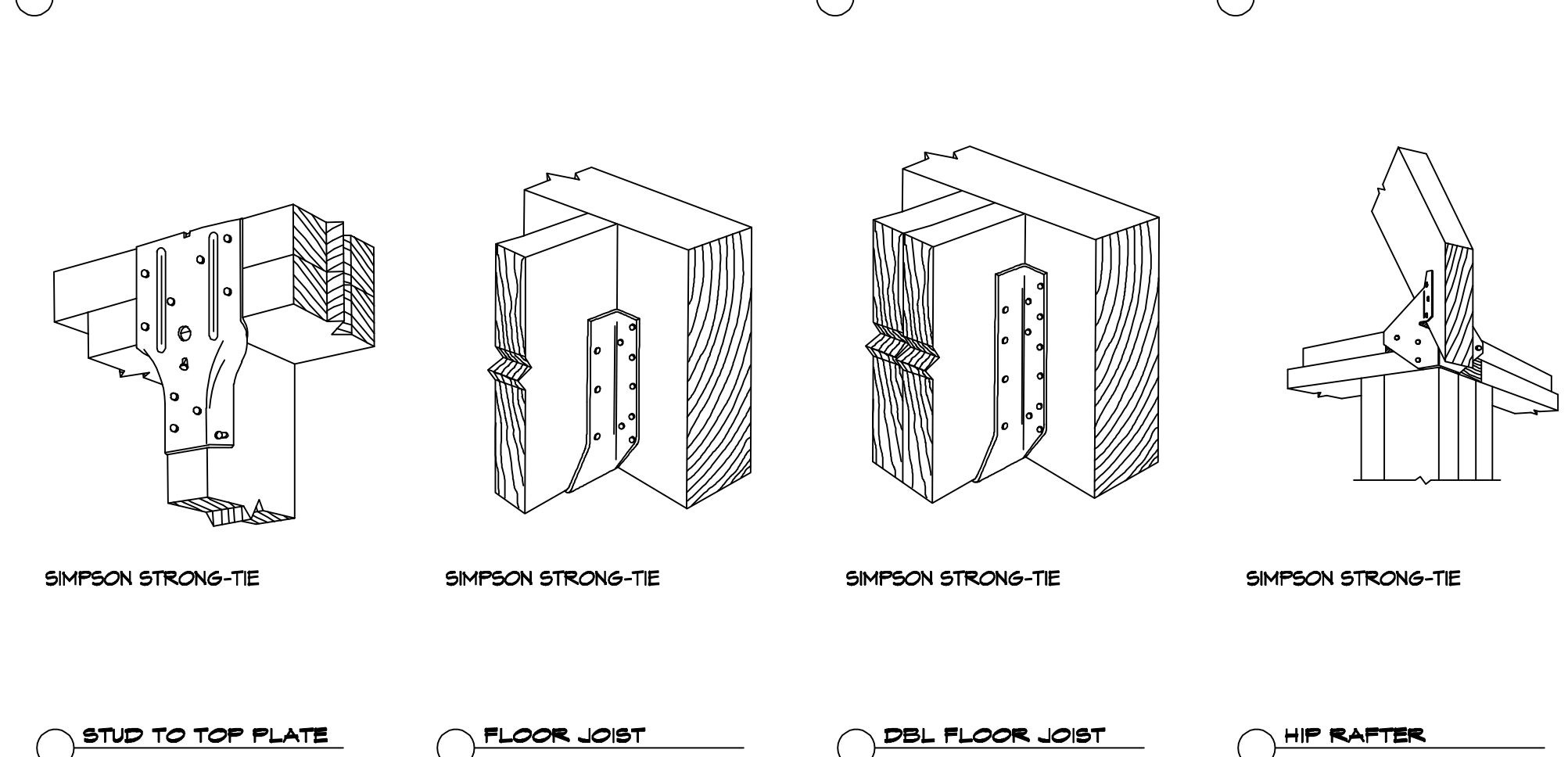
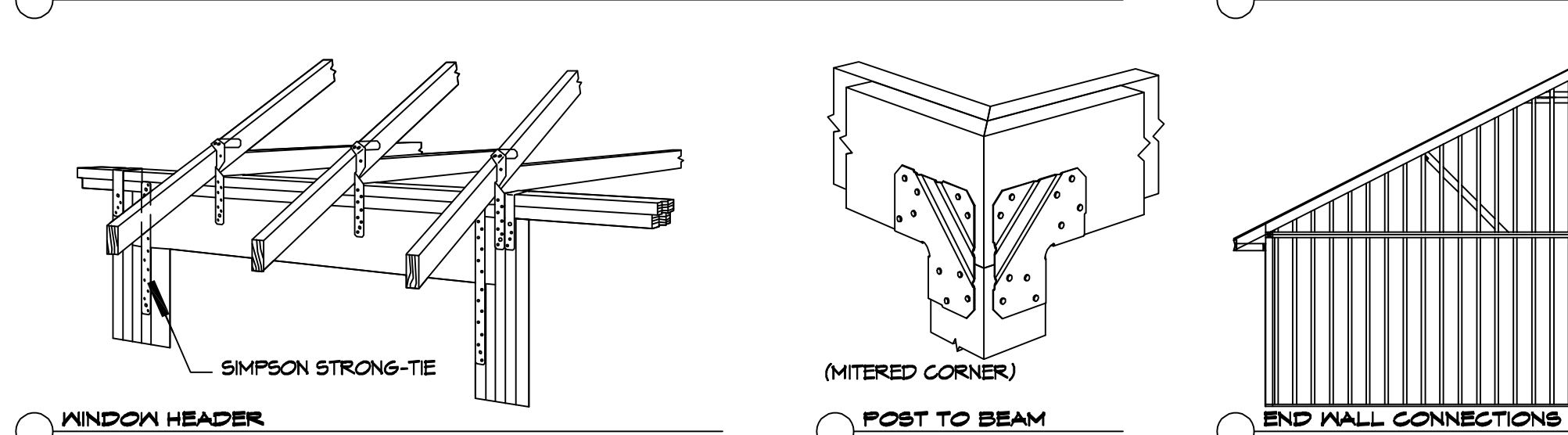
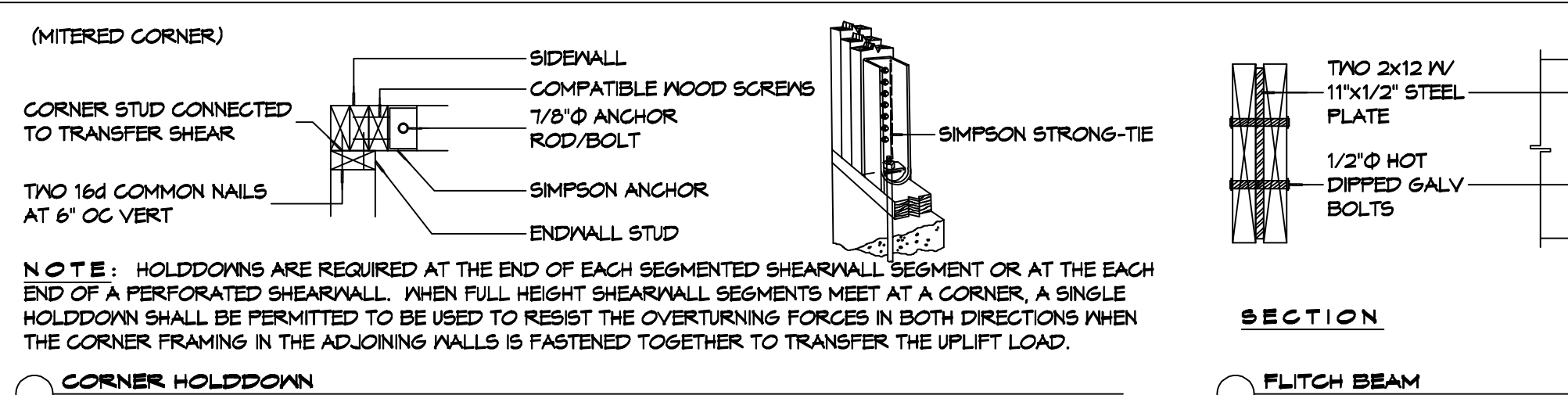
HEADER SUPPORTING	HEADER SPAN (FT)	ROOF SPAN (FEET)													
		12 FEET				24 FEET				36 FEET					
		3'	4.5'	5'	6.5'	3'	4.5'	5'	6.5'	3'	4.5'	5'	6'		
ONE FLOOR ONLY (CENTER BEARING)	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	6	1	1	1	1	1	1	1	1	2	1	1	1	1	1
	8	1	1	1	1	2	1	1	1	2	2	2	1	1	1
	10	1	1	1	1	2	2	1	1	3	2	2	2	2	2
	12	1	1	1	1	2	2	2	1	3	2	2	2	2	2
TWO FLOORS (CENTER BEARING)	2	1	1	1	1	1	1	1	1	2	1	1	1	1	1
	4	1	1	1	1	2	1	1	1	3	2	2	2	2	2
	6	2	1	1	1	3	2	2	2	4	3	2	2	2	2
	8	2	2	1	1	3	2	2	2	5	3	3	3	3	3
	10	2	2	2	1	4	3	3	2	6	4	4	4	4	4
	12	3	2	2	2	5	3	3	3	7	5	4	4	4	4
	14	3	2	2	2	6	4	4	3	8	5	5	4	4	4
	16	4	3	2	2	6	4	4	3	9	6	6	5	4	4

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**  
NFCM 2015 TABLE 3.22F

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

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



**TABLE S601.3 - NAILING SCHEDULE**  
NFCM 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-0.048	R-20.0 c.i.
METAL BUILDING	U-0.065	R-19
ATTIC AND OTHER	U-0.027	R-38
WALLS, ABOVE GRADE		
MASS	U-0.151	R-5.7 c.i.
METAL BUILDING	U-0.113	R-19.0
STEEL-FRAMED	U-0.124	R-19.0
WOOD-FRAMED AND OTHER	U-0.089	R-19.0
FLOORS		
MASS	U-0.107	R6-3 c.i.
STEEL JOIST	U-0.052	R-19.0
WOOD FRAMED AND OTHER	U-0.051	R-19.0
SLAB-ON-GRADE		
UN-HEATED	F-0.730	NR
OPAQUE DOORS		
SWINGING	U-0.700	NR
NON-SWINGING	U-1.450	NR

**ROOF UNDERLAYMENT NOTES**

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

**SHINGLE APPLICATION & FASTENING NOTES**

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

**METAL ROOF APPLICATION & FASTENING NOTES**

- INSTALL METAL ROOF PER MANUFACTURERS RECOMMENDATIONS FOR 150MPH WIND SPEED.

**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 A663 GRADE 33 STEEL STRAP SHALL BE NAILED TO THE WALL STUDS AND HAVE A MINIMUM EMBEDMENT OF 7 INCHES IN CONCRETE FOUNDATIONS AND SLABS-ON-GRADE. 15 INCHES IN MASONRY BLOCK FOUNDATIONS, OR BE LAPPED UNDER THE BOTTOM PLATE. 3 INCH SQUARE WASHERS SHALL BE USED ON THE ANCHOR BOLTS AND ANCHOR BOLT SPACINGS SHALL NOT EXCEED THE REQUIREMENTS. STEEL STRAPS EMBEDDED IN OR IN CONTACT WITH SLAB-ON-GRADE OR MASONRY BLOCK FOUNDATIONS SHALL BE HOT-DIPPED GALV. AFTER FABRICATION, OR MANUF. FROM G185 OR Z450 GALV. STL. CONNECTIONS SHALL BE IN ACCORDANCE WITH TABLE S601.12.

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

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

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

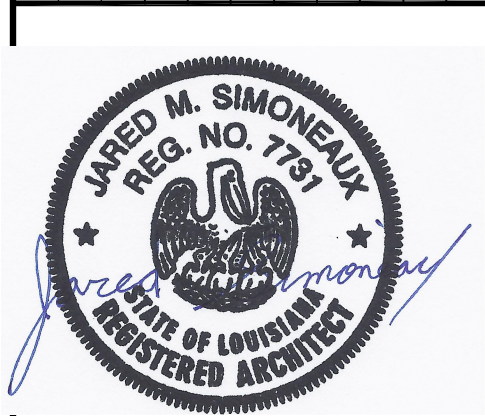
**TABLE S601.1 - WALL SHEATHING AND CLADDING REQUIREMENT - WIND LOAD EXP "C"**

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

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

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REVISIONS	DATE	DESCRIPTION



**INDUSTRIAL DESIGN**  
SIXTY ONE  
STREET  
NEW ORLEANS LA 70150  
JOB NO: 06-30-2025  
DATE: 2/10  
CHECKED BY:  
DRAWN BY:

SHEET TITLE:  
TYPICAL CONNECTION DETAILS, SCHEDULES, AND NOTES  
DRAWING NUMBER:  
**S105**  
SHEET No: 5 of 15