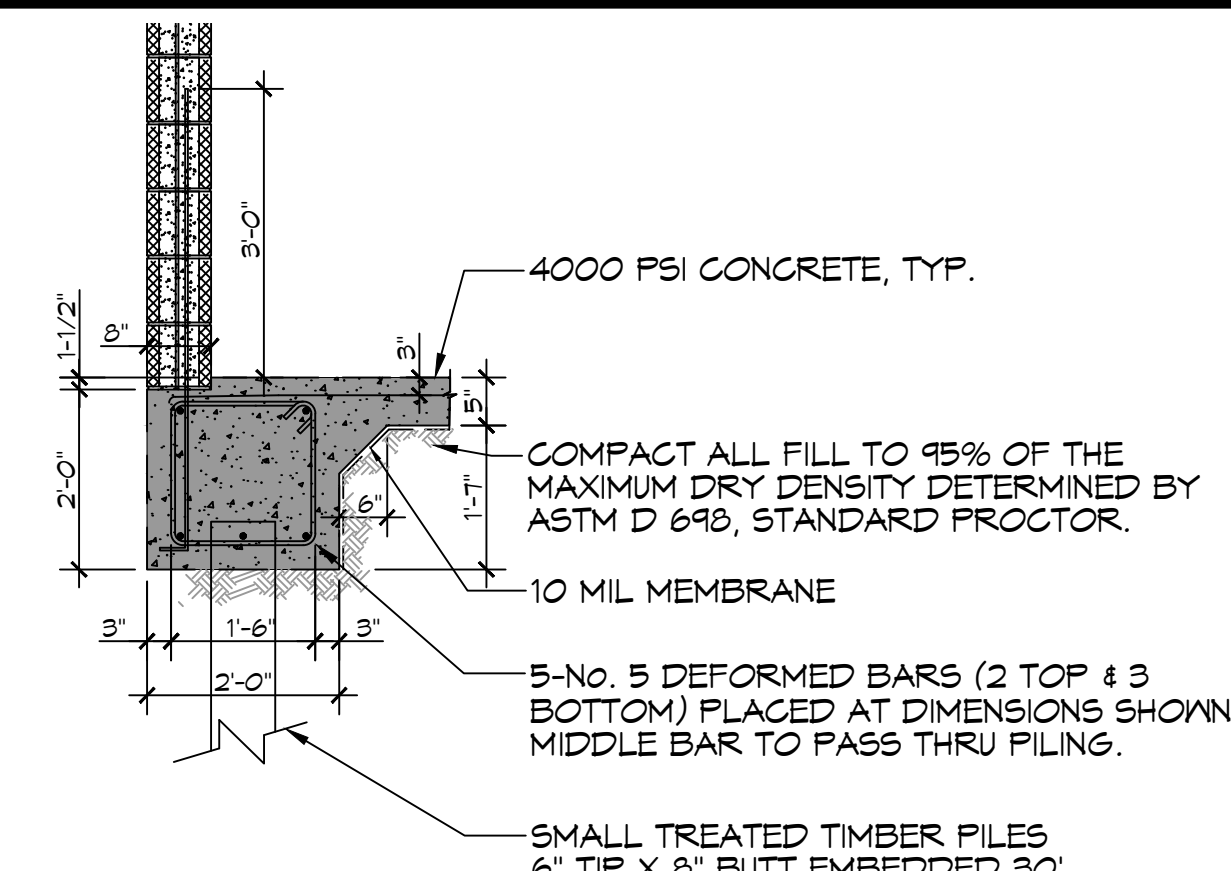
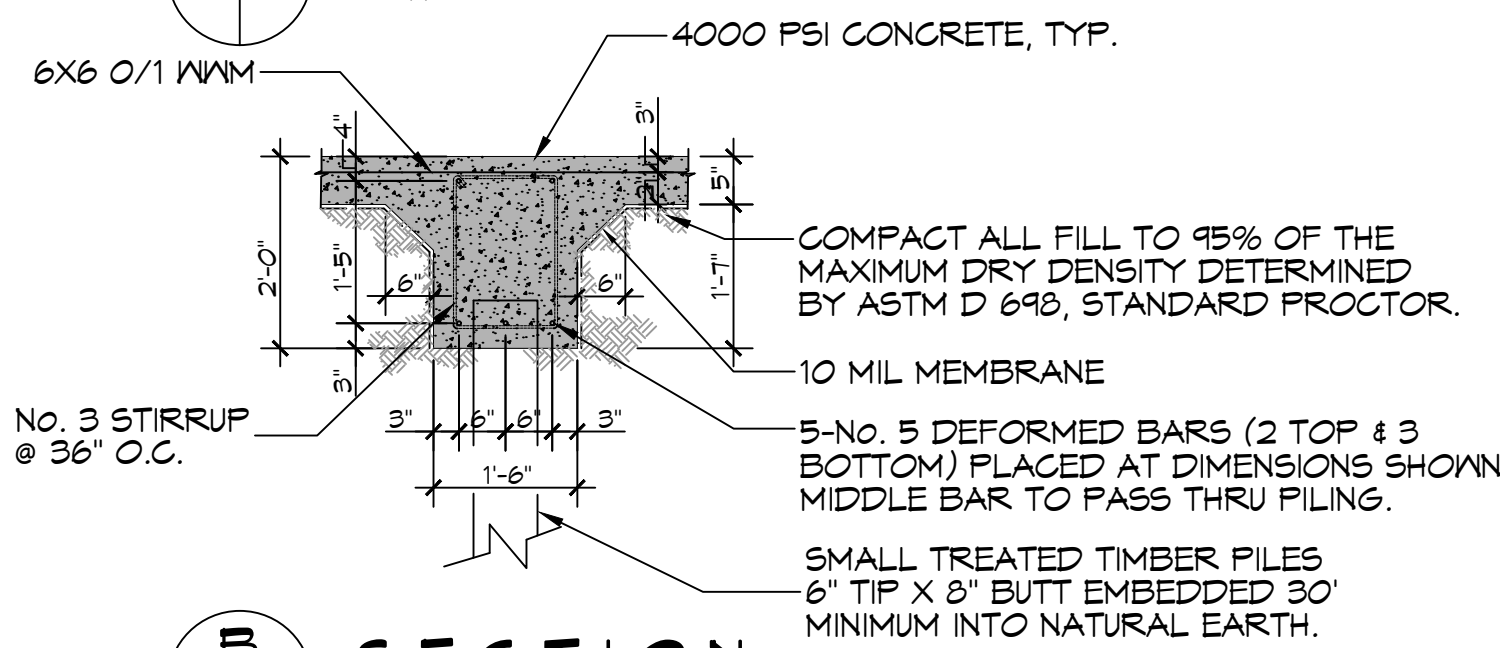


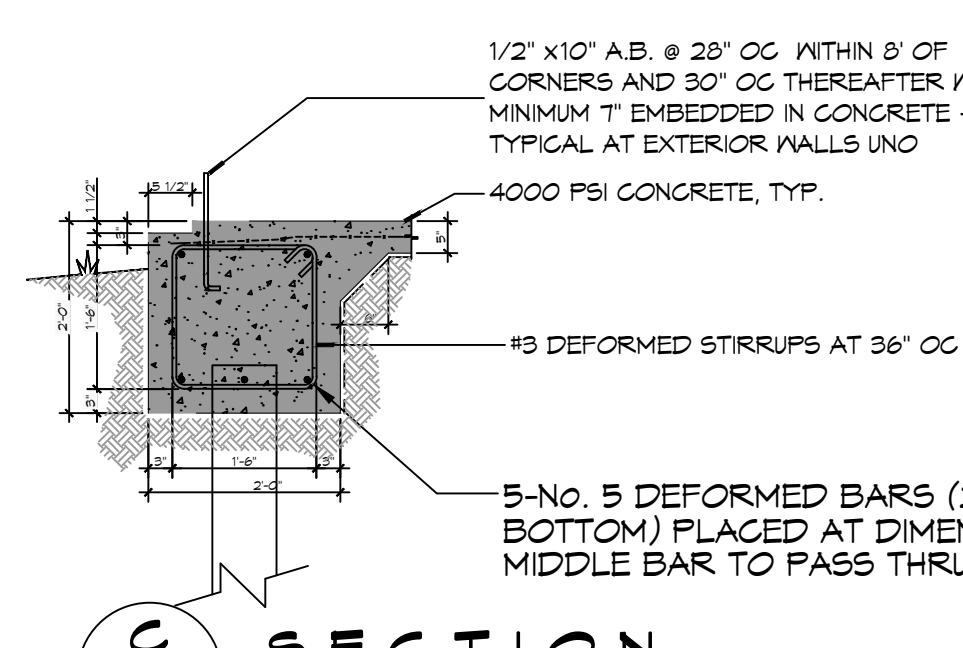
**3 DETAIL**  
SCALE: 1/2" = 1'-0"



**A SECTION**  
SCALE: 1" = 1'-0"



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

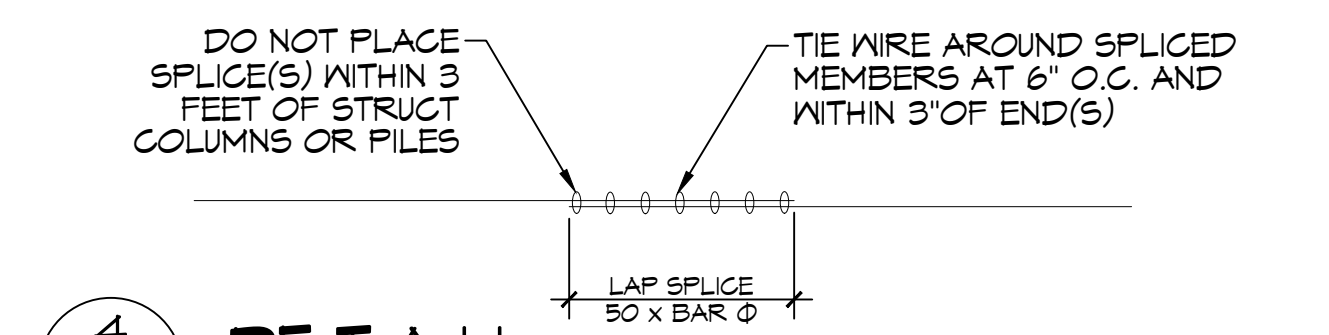


**C SECTION**  
SCALE: 1/2" = 1'-0"

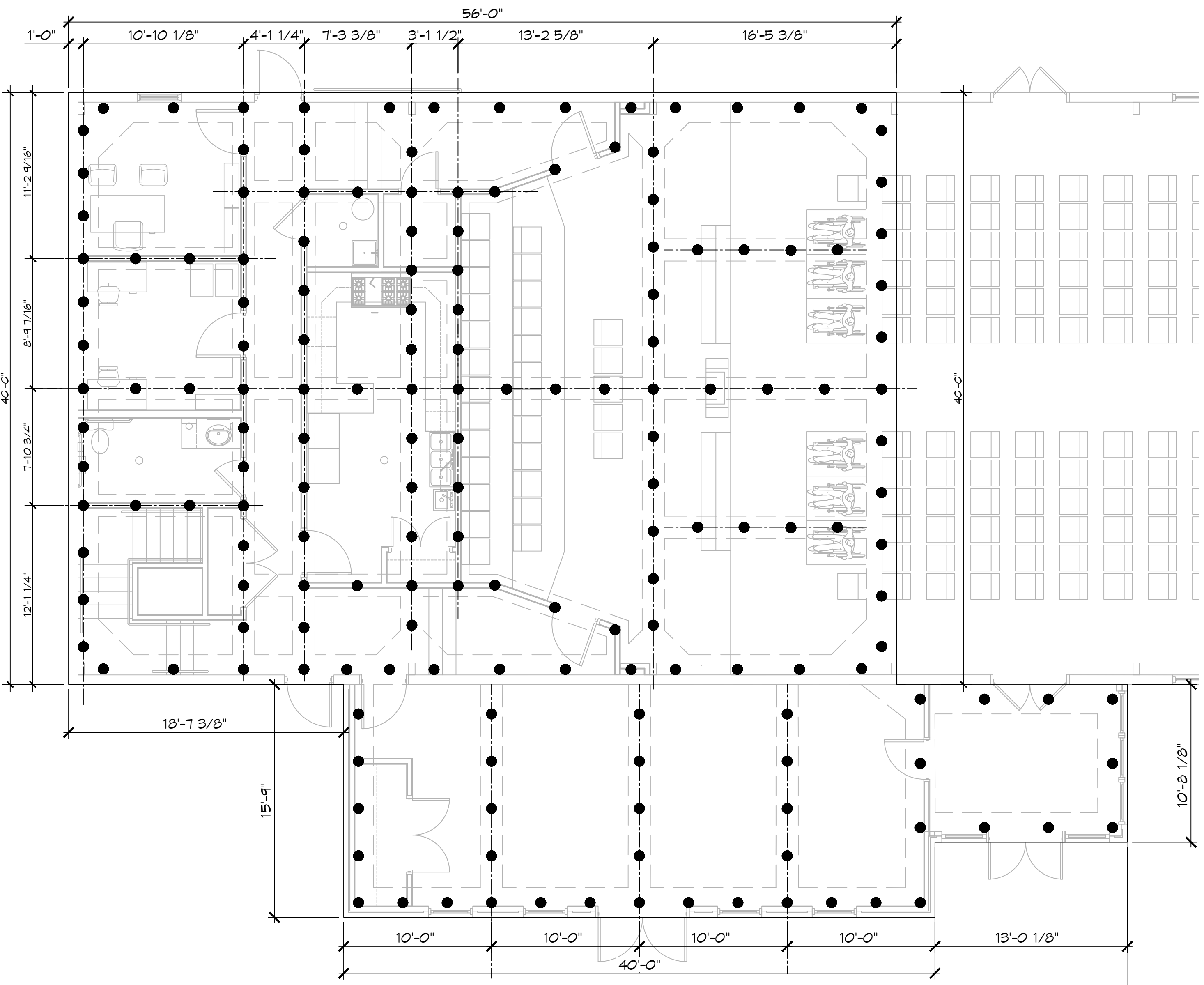
- PILING NOTES**
- GC SHALL EMPLOY A GEOTECHNICAL ENGINEER.
  - ALL PILING SHALL BE CLASS 5 PRESSURE TREATED, 6 INCH TIP AND 8' BUTT 30 FOOT IN LENGTH.
  - ALL PILING SHALL BE DRIVEN TO REFUSAL.
  - PRE DRILL.
  - CONTRACTOR SHALL DRIVE TEST PILE.
  - PILE LAYOUT MAY BE MODIFIED DUE TO ACTUAL DRIVING CONDITIONS. ENGINEER TO BE NOTIFIED ON ANY MODIFICATION.
  - A PILE BLOW COUNT LOG OF ALL PILES SHALL BE SUBMITTED TO THE ENGINEER OF RECORD. FAILURE TO SUBMIT SAID LOG WILL RELEASE THE ENGINEER OF ALL RESPONSIBILITY AFTER 5 DAYS OF INSTALLING.

- GENERAL SITEPREP NOTES**
- THE GC SHALL EMPLOY A GEOTECHNICAL ENGINEER TO MONITOR SITE CONDITIONS DURING THE PREP WORK OF THE SITE FOUNDATION. REMOVE EXISTING NEAR SURFACE TOPSOIL WITH ORGANICS AND OTHER DELETERIOUS MATERIALS APPROXIMATELY 8 TO 10 INCHES HOWEVER THE ACTUAL STRIPPING DEPTH SHALL BE DETERMINED BY A GEOTECHNICAL ENGINEER. THE EXPOSED SUBGRADE IN THE BUILDING AND PARKING AREAS SHALL BE PROOF-ROLLED WITH A RUBBER Tired VEHICLE WEIGHING ABOUT 20 TONS; PROOF-ROLLING SHALL BE MONITORED BY A GEOTECHNICAL ENGINEER. ANY SOILS WHICH ARE OBSERVED TO RUT OR DEFLECT EXCESSIVELY UNDER THE MOVING LOAD SHOULD BE UNDERCUT AND REPLACED WITH COMPACTED STRUCTURAL FILL.
  - THE STRUCTURAL FILL SHALL BE SELECT GRANULAR MATERIAL AND SHALL BE PLACED IN MAXIMUM LIFTS OF EIGHT (8) INCHES OF LOOSE MATERIAL, COMPACTED WITHIN THE RANGE OF ONE (1) PERCENTAGE POINT BELOW TO THREE (3) PERCENTAGE POINTS ABOVE THE OPTIMUM MOISTURE CONTENT VALUE. IF WATER MUST BE ADDED, IT SHALL BE UNIFORMLY APPLIED AND THOROUGHLY MIXED INTO THE SOIL BY DISKING OR SCARIFYING. EACH LIFT OF COMPACTED STRUCTURAL FILL SHALL BE TESTED BY A REPRESENTATIVE OF THE GEOTECHNICAL ENGINEER PRIOR TO PLACEMENT OF SUBSEQUENT LIFTS. IN-PLACE DENSITY MEASUREMENTS SHALL BE TAKEN TO ASSURE THAT THE ABOVE DEGREE OF COMPACTION IS ACHIEVED. THE COMPACTED STRUCTURAL FILL SHALL EXTEND FIVE (5) FEET BEYOND THE PERIMETER OF THE BUILDING PRIOR TO SLOPING.
  - ALL RUNOFF WATER MUST BE CARRIED AWAY FROM THE SLAB TO PREVENT SATURATION OF THE SUB-BASE.
  - ALL TREES WITHIN CLOSE PROXIMITY SHALL BE REMOVED TO PREVENT THE ROOTS FROM EXTENDING UNDER THE SLAB.
  - PROVIDE AND MAINTAIN IMMEDIATE SITE DRAINAGE BEFORE, DURING AND AFTER CONSTRUCTION. PROVIDE GRADING, SWELLS, AND SUMP PUMPS AS MAY BE REQUIRED TO IMMEDIATELY DRAIN ALL RAINWATER FROM THE CONSTRUCTION AREA. FOOTING EXCAVATIONS SHOULD BE OBSERVED AND CONCRETE TO BE PLACED AS QUICKLY AS POSSIBLE TO AVOID EXPOSURE OF THE FOOTING BOTTOMS TO WETTING AND DRYING. SURFACE RUNOFF WATER SHOULD BE DRAINED AWAY FROM THE EXCAVATIONS AND NOT BE ALLOWED TO POND PRIOR OR AFTER CONCRETE PLACEMENT. IF IT IS REQUIRED THAT A FOOTING EXCAVATION BE LEFT OPEN FOR MORE THAN ONE DAY, IT SHOULD BE PROTECTED TO REDUCE EVAPORATION OR ENTRY OF MOISTURE.

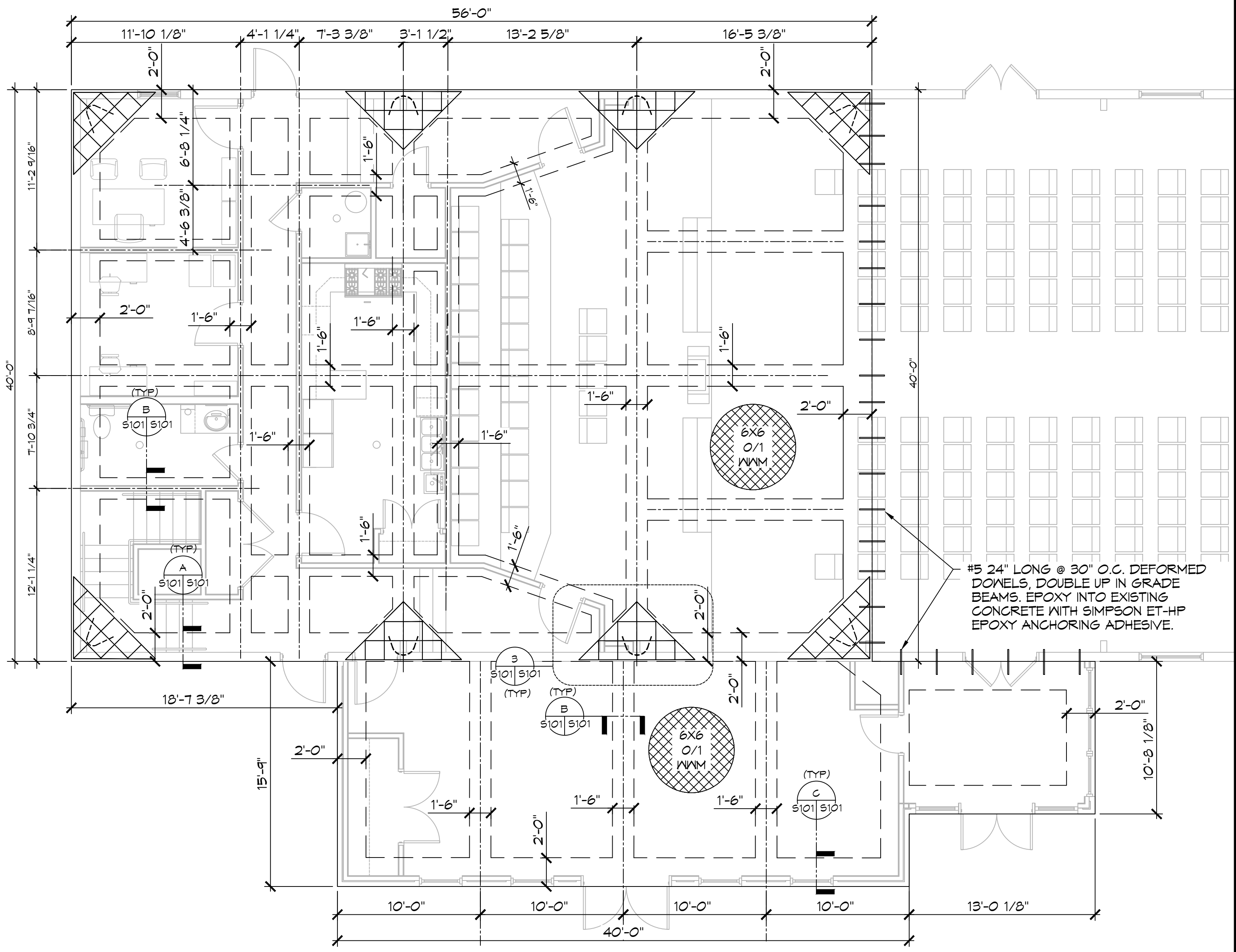
- GENERAL FOUNDATION NOTES**
- THE CONCRETE MIX SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI AT 28 DAYS. CONCRETE MIX SHALL BE IN ACCORDANCE WITH ACI-318.
  - ALL CONVENTIONAL REINFORCING SHALL MEET ASTM-A615 (GRADE 60).
  - ONE LAYER OF POLYETHYLENE VAPOR BARRIER SHALL BE PLACED UNDER ALL CONCRETE. VAPOR RETARDER TO BE 15 MIL STRENGTH, ASTM E1145 CLASS A, PERMEANCE LESS THAN 0.01 PERMS, EQUAL TO STEGO INDUSTRIES STEGO WRAP ECO-SHIELD-E 15 MIL. BY EPFO OR IRONBAR 15 BY FLATIRON FILMS. PROVIDE APPROPRIATE ACCESSORIES FOR A COMPLETE SYSTEM.
  - ALL REINFORCING STEEL AND MESH SHALL BE SECURELY SUPPORTED TO PREVENT BOTH VERTICAL AND HORIZONTAL MOVEMENT DURING CONCRETE PLACEMENT.
  - THE CONTRACTOR SHALL VERIFY ALL DROPS, OFFSETS, CMU LEDGES, DIMENSIONS, AND CONFIGURATIONS. CONTRACTOR MUST BE RESPONSIBLE FOR SAME.
  - VERIFY ALL PLUMBING ROUGH-IN LOCATIONS ON SHEET P101 & ELECTRICAL ROUGH-IN LOCATIONS ON SHEET E101.
  - GRADE BEAM SIZES MAY VARY BY -5% TO +20%.
  - ALL SUBGRADE FILL SHALL BE SELECT GRANULAR MATERIAL COMPACTED TO 95% STANDARD PROCTOR DENSITY IN A MAXIMUM OF 6" LIFTS.
  - A MINIMUM OF 5' CONCRETE THICKNESS SHALL BE MAINTAINED THROUGHOUT THE SLAB.
  - ALL RUNOFF WATER MUST BE CARRIED AWAY FROM THE SLAB TO PREVENT SATURATION OF THE SUB-BASE.
  - ALL TREES WITHIN CLOSE PROXIMITY SHALL BE REMOVED TO PREVENT THE ROOTS FROM EXTENDING UNDER THE SLAB.
  - PROVIDE AND MAINTAIN IMMEDIATE SITE DRAINAGE BEFORE, DURING AND AFTER CONSTRUCTION. PROVIDE GRADING, SWELLS, AND SUMP PUMPS AS MAY BE REQUIRED TO IMMEDIATELY DRAIN ALL RAINWATER FROM THE CONSTRUCTION AREA. FOOTING EXCAVATIONS SHOULD BE OBSERVED AND CONCRETE TO BE PLACED AS QUICKLY AS POSSIBLE TO AVOID EXPOSURE OF THE FOOTING BOTTOMS TO WETTING AND DRYING. SURFACE RUNOFF WATER SHOULD BE DRAINED AWAY FROM THE EXCAVATIONS AND NOT BE ALLOWED TO POND PRIOR TO OR AFTER CONCRETE PLACEMENT. IF IT IS REQUIRED THAT A FOOTING EXCAVATION BE LEFT OPEN FOR MORE THAN ONE DAY, IT SHOULD BE PROTECTED TO REDUCE EVAPORATION OR ENTRY OF MOISTURE.
  - NEW SPREAD CONCRETE FOOTINGS AND CONTINUOUS FOOTINGS, BEARING ON COMPACTED STRUCTURAL FILL, AT LEAST 2 FEET BELOW FINISHED GRADE, SHOULD BE DESIGNED FOR MAXIMUM NET ALLOWABLE BEARING PRESSURES OF 1,200 PSF AND 2,000 PSF RESPECTIVELY, BASED ON DEAD LOADS AND DESIGN LIVE LOADS.
  - TREAT SOIL BELOW SLAB FOR TERMITES.



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



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



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

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#	DESCRIPTION	DATE

#	DESCRIPTION	DATE

**THE SIXTH URBAN REDEVELOPMENT**

923 FELICITY STREET  
NEW ORLEANS, LA 70130

JOB No: 09-20-2025  
DATE: 2-17-25  
DRAWN BY: CAD  
CHECKED BY: BAW

SHEET TITLE:  
PILING AND FOUNDATION PLAN

DRAWING NUMBER:  
**S101**

SHEET No: 1 of 15





**TABLE S601.7 - UPLIFT CONNECTIONS - 150 MPH WINDS EXP "C"**  
WFCM 2015 TABLE 3.2

CONNECTION	FRAMING SPACING (INCHES)	ROOF SPAN (FEET)	UPLIFT	LATERAL	SEAL	NUMBER OF 8d COMMON NAILS OR 10d BOX NAILS IN EACH END OF 1-1/4" X 20 GAGE STRAP
ROOF ASSEMBLY TO WALL ASSEMBLY	16" OC	16	40T	292	152R	4
WALL ASSEMBLY TO FOUNDATION	16" OC	16	224	219	436	4

**TABLE S601.8 - SILL OR BOTTOM PLATE TO FOUNDATION CONNECTIONS RESISTING UPLIFT LOADS - 150 MPH WIND EXP "C"**  
WFCM 2015 TABLE 3.2C

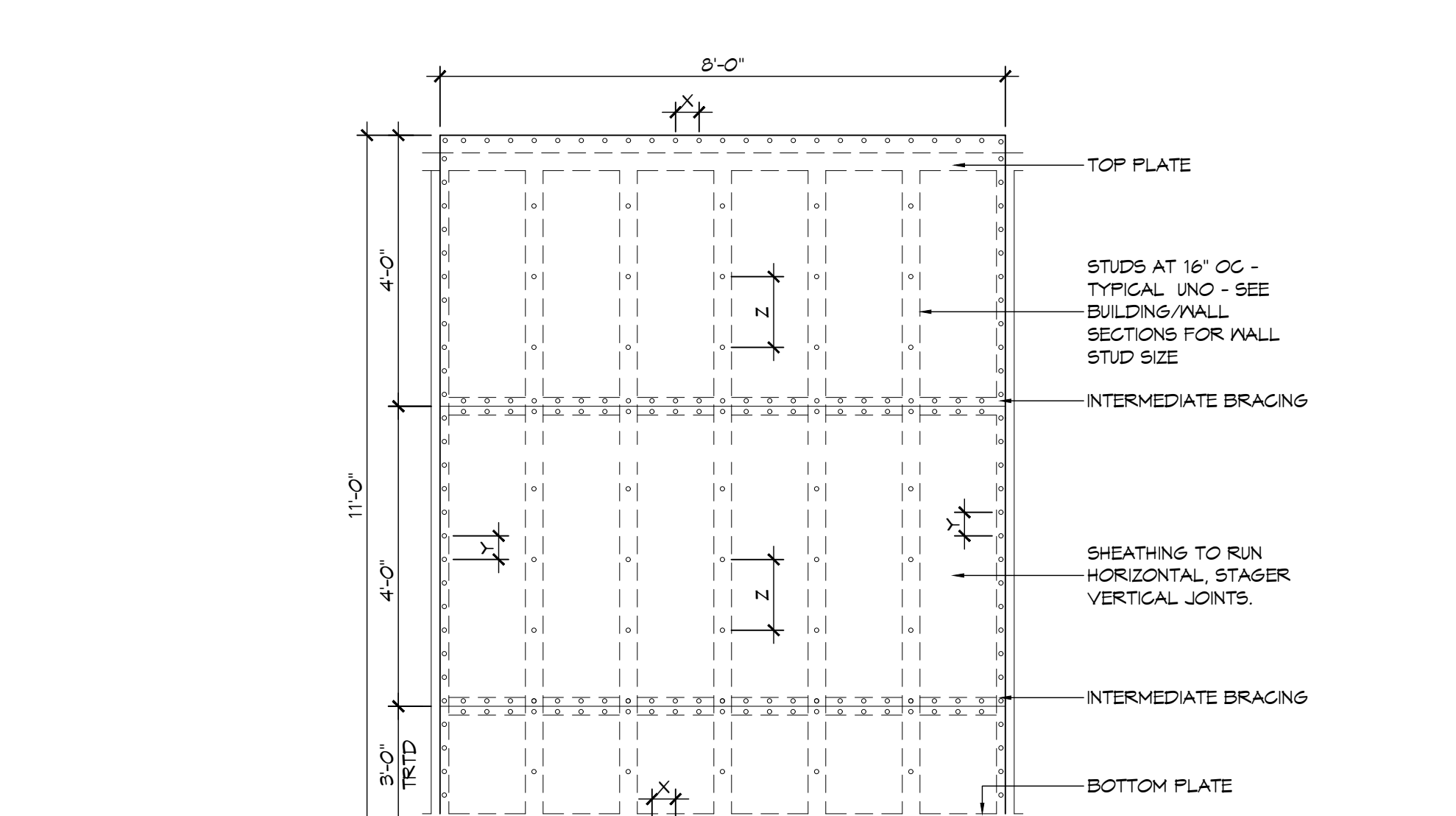
BOTTOM PLATE TO FOUNDATION ANCHOR BOLT CONNECTION RESISTING UPLIFT LOADS	FOUNDATION SUPPORTING	MAXIMUM ANCHOR BOLT SPACING (INCHES)	
		8' END ZONES	INTERIOR ZONES
UPLIFT LOADS	1 - 3 STORIES	25 INCHES ON CENTER	30 INCHES ON CENTER
		NOTE: A MINIMUM OF ONE ANCHOR BOLT SHALL BE PROVIDED WITHIN 6 TO 12 INCHES OF EACH END OF EACH PLATE	

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

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

**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



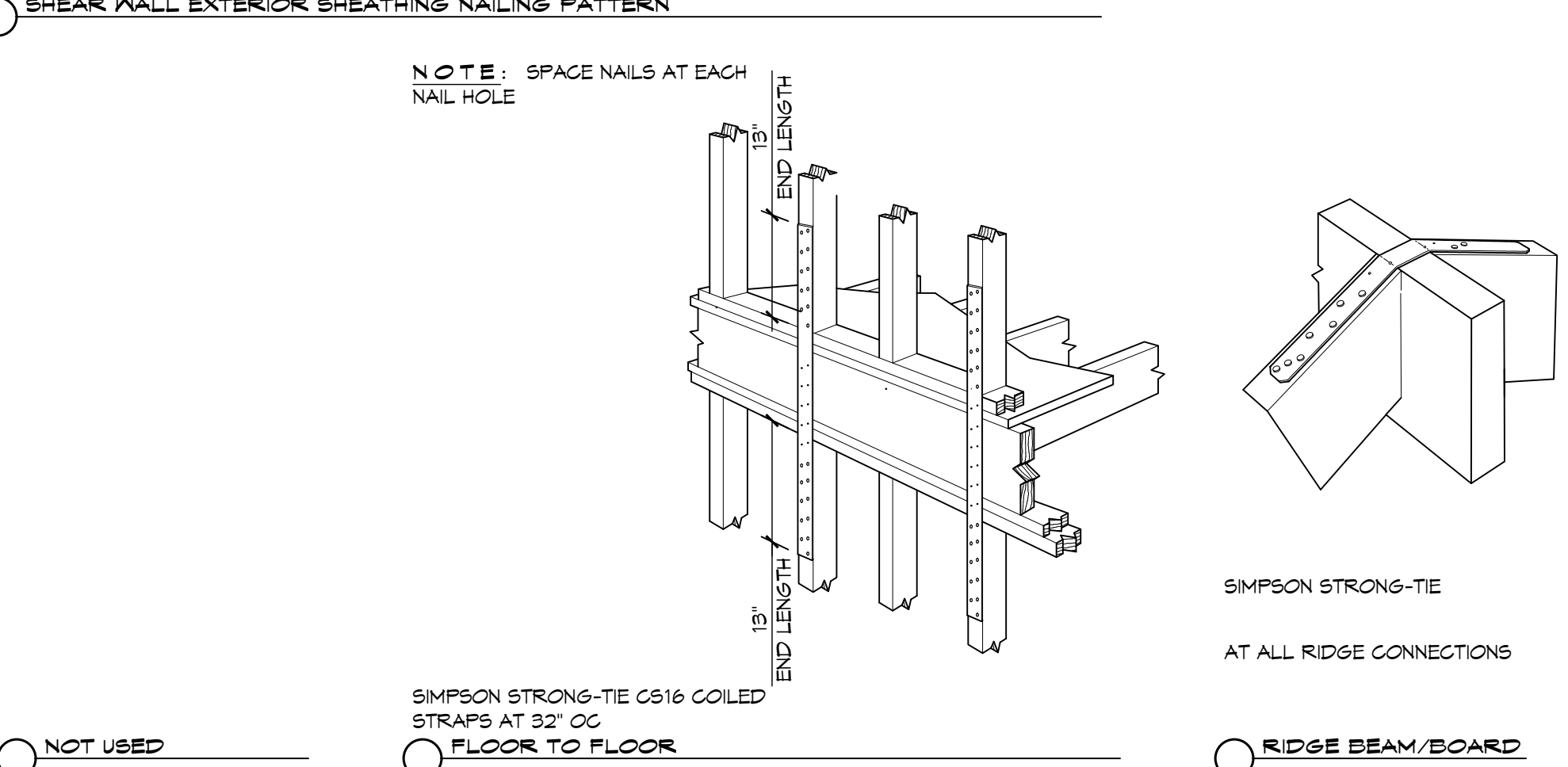
**NAIL SPACING**  
X = 4" OC  
Y = 4" OC  
Z = 12" OC

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 @ 4" O.C. FASTENING @ PANEL EDGES 8d NAILS @ 12" O.C. FASTENING @ INTERMEDIATE MEMBERS.

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

**TABLE S601.11 - SHEAR WALL EXTERIOR SHEATHING NAILING PATTERN**



**TYPICAL CONNECTION DETAILS**  
SCALE: NTS

NOT USED  
RIDGE BEAM/BOARD  
TOP PLATE TO RAFTER  
STUD TO TOP PLATE  
FLOOR JOIST  
DEL FLOOR JOIST  
HIP RAFTER  
STUD TO SILL PLATE

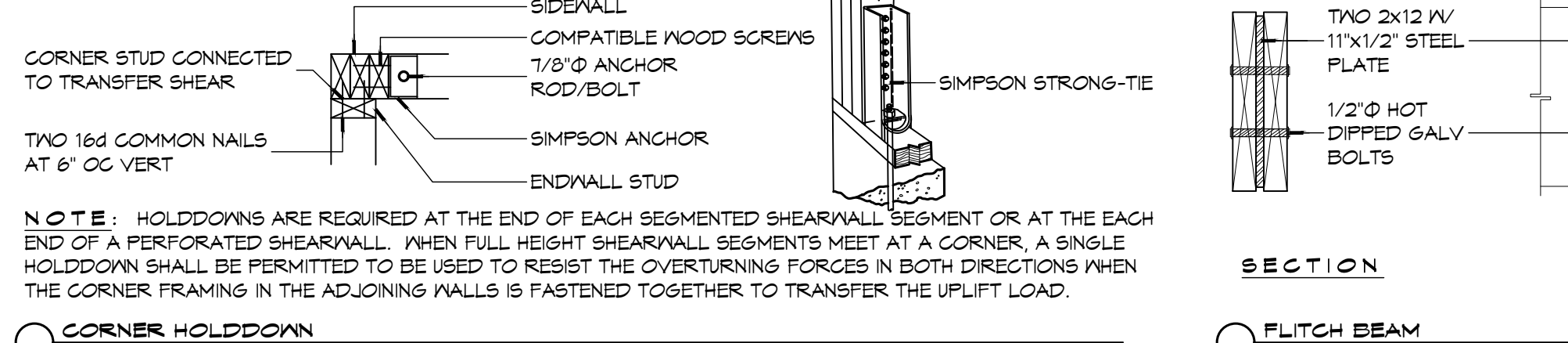
**TABLE S601.5 - JACK STUD REQ - INT LOADBEARING WALLS**

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

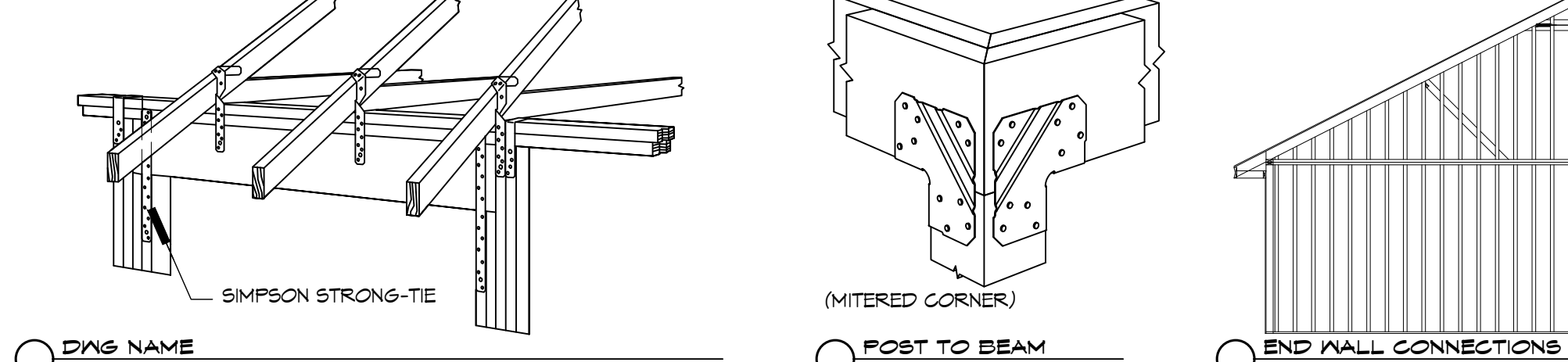
**TABLE S601.6 - JACK STUD REQ - EXTERIOR LOADBEARING WALLS**  
WFCM 2015 TABLE 3.22F

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

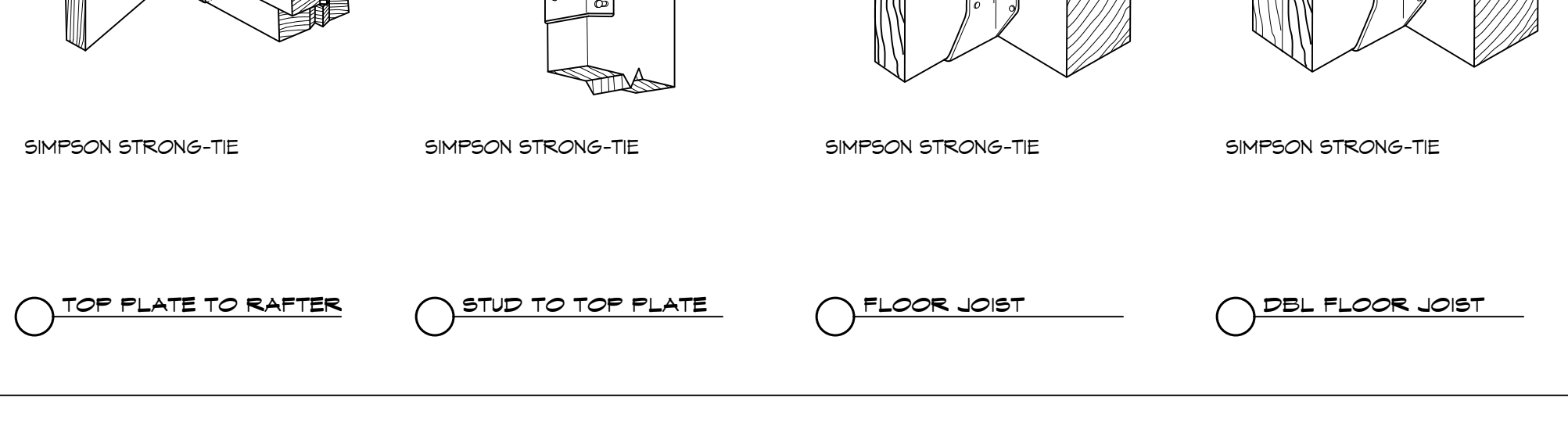
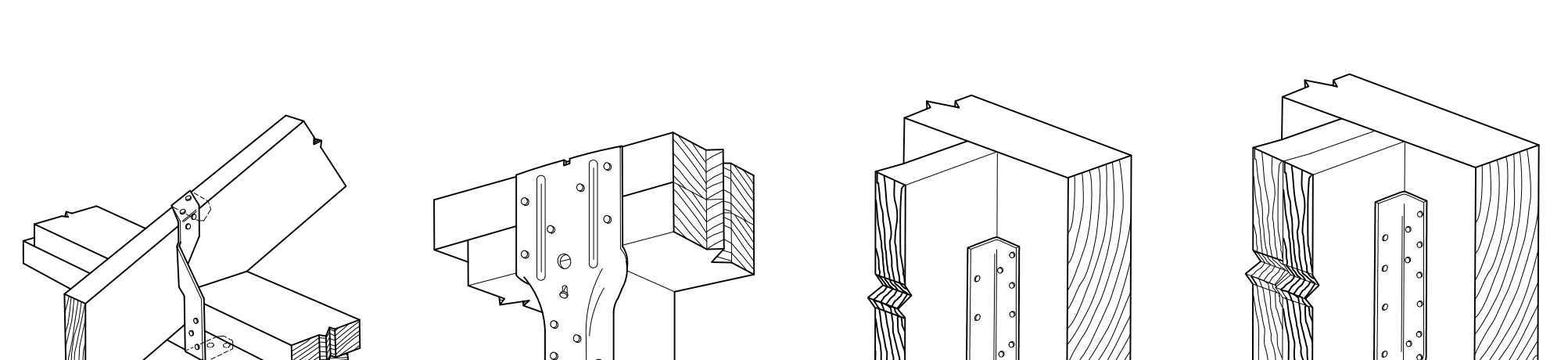
**TABLE S601.12 - CORNER HOLDDOWN**



**TABLE S601.13 - FLITCH BEAM**



**TABLE S601.14 - SIMPSON M5TAM56**



**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**

ROOFS	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-19.0
	STEEL-FRAMED	U-0.124	R-19.0
FLOORS	WOOD-FRAMED AND OTHER	U-0.089	R-19.0
	MASS	U-0.107	R6-3 c.i.
	STEEL JOIST	U-0.052	R-19.0
SLAB-ON-GRADE	WOOD FRAMED AND OTHER	U-0.051	R-19.0
	UN-HEATED	F-0.750	NR
OPAQUE DOORS	SWINGING	U-0.700	NR
	NON-SWINGING	U-1.450	NR

**ROOF UNDERLAYMENT NOTES**

1. FOR ROOF SLOPES FROM TWO UNITS VERTICAL IN 12 UNITS HORIZONTAL (17-PERCENT SLOPE), UP TO FOUR UNITS VERTICAL IN 12 UNITS HORIZONTAL (33-PERCENT SLOPE), UNDERLAYMENT SHALL BE TWO LAYERS APPLIED IN THE FOLLOWING MANNER:  
a. APPLY A 1/4 INCH STRIP OF UNDERLAYMENT FELT PARALLEL WITH AND STARTING AT THE EAVES, FASTENED SUFFICIENTLY TO HOLD IN PLACE. STARTING AT THE EAVE, APPLY 36 INCH WIDE SHEETS OF UNDERLAYMENT, OVERLAPPING SUCCESSIVE SHEETS 14 INCHES, AND FASTENED SUFFICIENTLY TO HOLD IN PLACE.

2. FOR ROOF SLOPES OF FOUR UNITS VERTICAL IN 12 UNITS HORIZONTAL (33-PERCENT SLOPE) OR GREATER, UNDERLAYMENT SHALL BE ONE LAYER APPLIED IN THE FOLLOWING MANNER:  
a. UNDERLAYMENT SHALL BE APPLIED SHINGLE FASHION, PARALLEL TO AND STARTING FROM THE EAVE AND LAPPED 2 INCHES, FASTENED SUFFICIENTLY TO HOLD IN PLACE. END LAPS SHALL BE OFFSET BY 6 FEET.

**SHINGLE APPLICATION & FASTENING NOTES**

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

**METAL ROOF APPLICATION & FASTENING NOTES**

1. INSTALL METAL ROOF PER MANUFACTURES 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 A653 GRADE 33 STEEL STRAP SHALL BE NAILED TO THE WALL STUDS AND HAVE A MINIMUM EMBEDMENT OF 7 INCHES IN CONCRETE FOUNDATIONS AND SLABS-ON-GRADE, 15 INCHES IN MASONRY BLOCK FOUNDATIONS, OR BE LAPPED UNDER THE BOTTOM PLATE. 3 INCH SQUARE WASHERS SHALL BE USED ON THE ANCHOR BOLTS AND ANCHOR BOLT SPACINGS SHALL NOT EXCEED THE REQUIREMENTS. STEEL STRAPS EMBEDDED IN OR IN CONTACT WITH SLAB-ON-GRADE OR MASONRY BLOCK FOUNDATIONS SHALL BE HOT-DIPPED GALV. AFTER FABRICATION, OR MANUF. FROM G185 OR Z450 GALV. STL. CONNECTIONS SHALL BE IN ACCORDANCE WITH TABLE S601.12.

**TABLE S601.1 - ROOF SHEATHING 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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Chief Engineer: Brian Muehle, PE  
554 Old Spanish Trail  
Slidell, LA 70458

#	DESCRIPTION	DATE

**REVISIONS**

**DESCRIPTION**

**SHUND**  
**SIXT**  
**STATION**  
**EPEND**  
**IAED**  
**TORRA**

**SHEET TITLE:**  
TYPICAL CONNECTION DETAILS, SCHEDULES, AND NOTES

**DRAWING NUMBER:**  
**S104**

**SHEET No:** 4 of 15









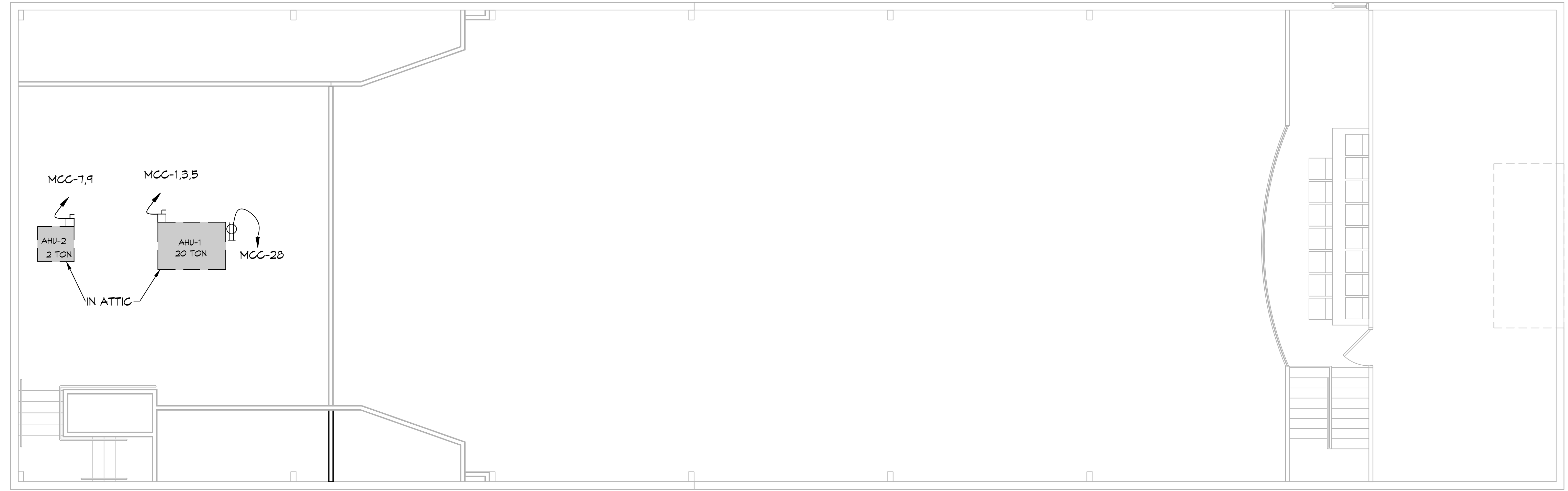






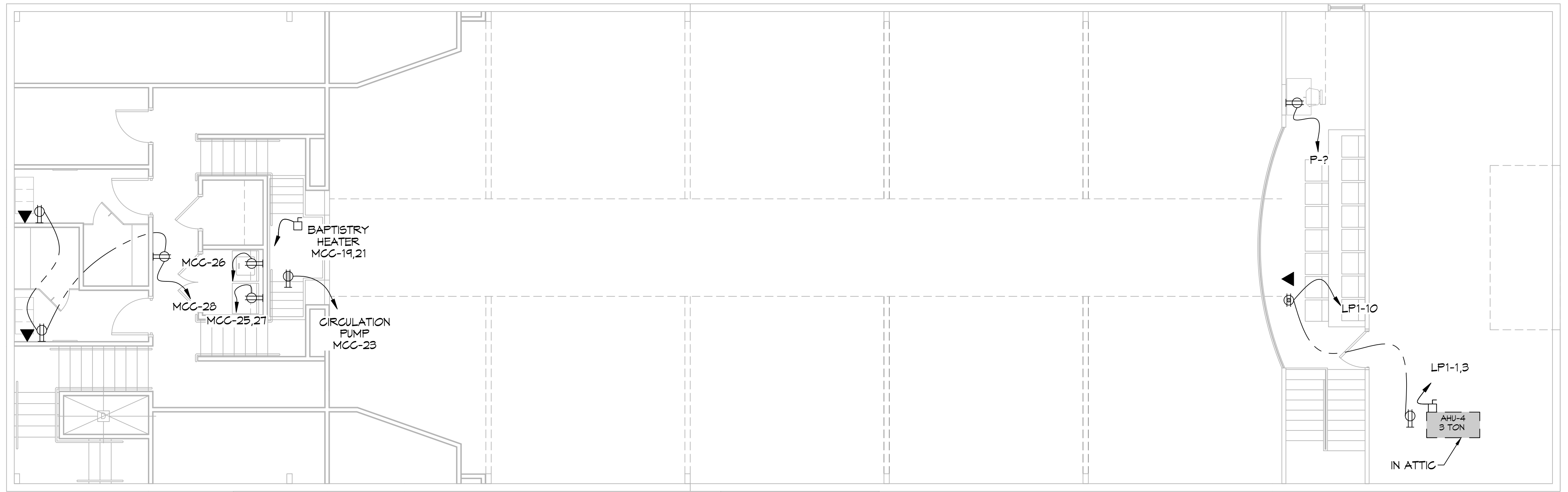
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 TIME: 10:53:32 AM  
 USER: brian.mistich

LEGEND	
	DUPLEX RECEPTACLE - 20A 115V
	GFCI DUPLEX RECEPTACLE - 20A
	WEATHER PROOF GFCI DUPLEX RECEPTACLE - 20A
	FLOOR MOUNTED DUPLEX RECEPTACLE - 20A
	ATTIC DUPLEX RECEPTACLE MOUNTED ABOVE DECK - 20A
	DISCONNECT
	TELEPHONE/DATA RECEPTACLE
	HOME RUN



**26 POWER PLAN ATTIC**  
SCALE: 3/16"=1'-0"

ATTIC



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

SECOND FLOOR

**DAMMON ENGINEERING, INC.**  
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#	DESCRIPTION	REVISIONS	DATE

**SIXTH CHURCH  
 TABERNACLE  
 BAPTIST CHURCH  
 RESTORATION**  
 420 FELICITY STREET  
 NEW ORLEANS LA 70130  
 JOB No: 2470 DATE: 05-26-2023  
 DRAWN BY: CKD CHECKED BY: BAK

SHEET TITLE:  
POWER PLAN -  
SECOND FLOOR

DRAWING NUMBER:

**E102**



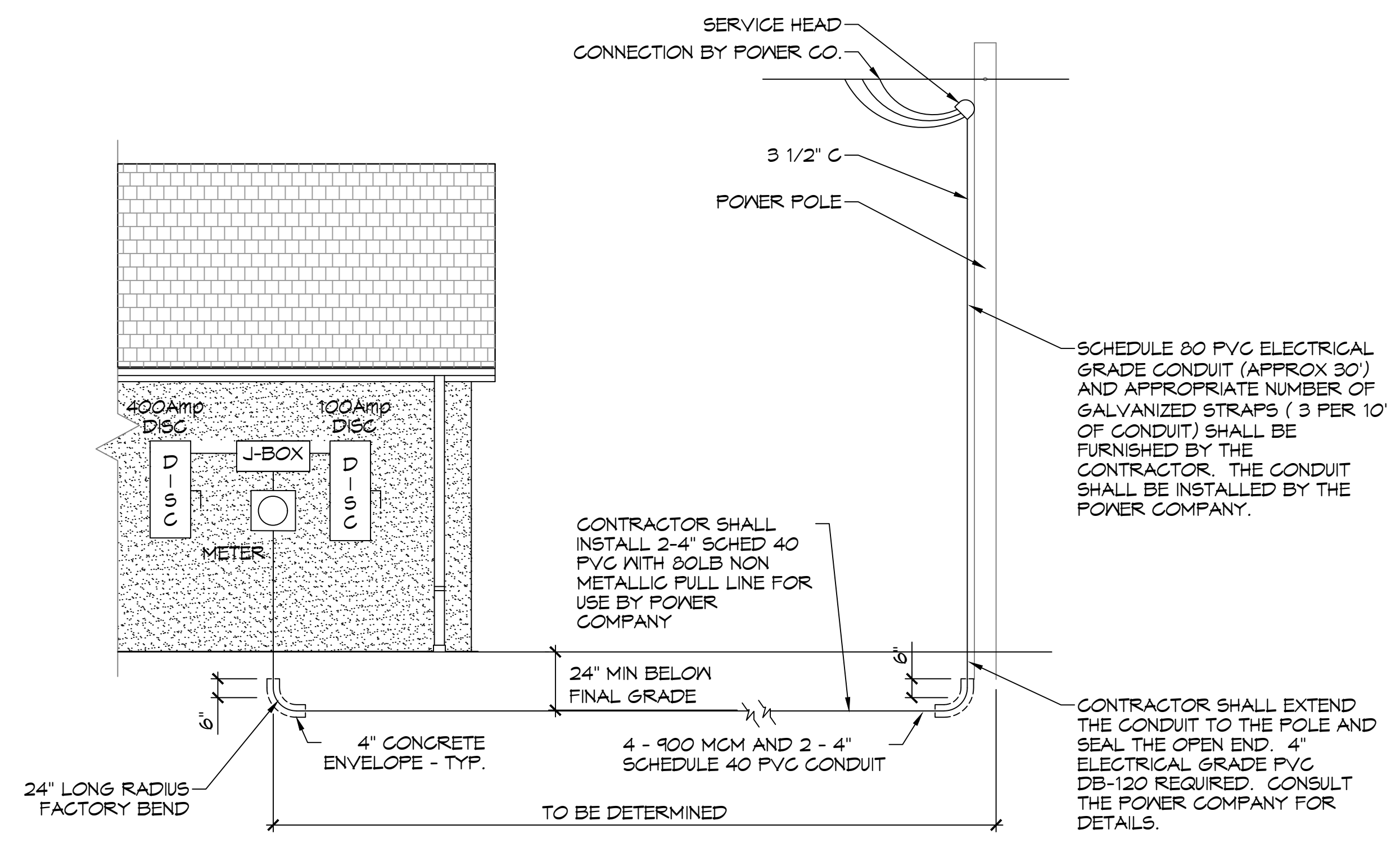
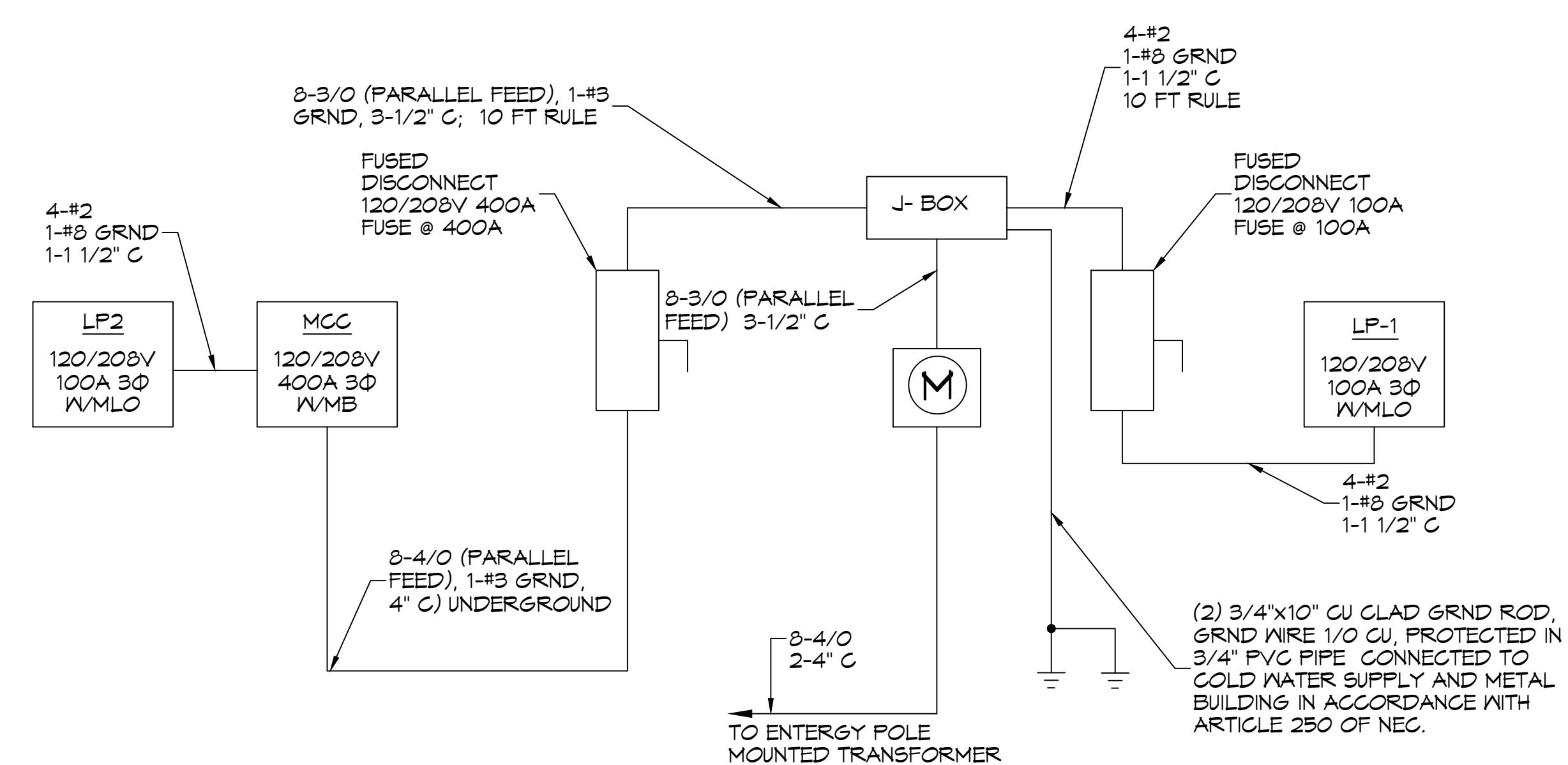


FILE NAME: J:\1 - CHANGES\105 - 04th Baptist Church, Dallas, Texas\Drawings\Contract Documents\105 - Electric\Panel Schedules & One-Line Diagrams - 03-20-2023.dwg

PANEL SCHEDULE											
PANEL:		LFC		VOLTAGE:		ENCLOSURE:					
LOCATION:		STORAGE RM 105		208/120V, 100A, 80 AMP/MB, 25KIC		RUSH MOUNTED IV EQUIPMENT SHD					
FEEDER SOURCE:		MDF		BAR 80 D TYPE GCL LOAD CENTER							
CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION	BREAKER	LOAD (Amps)	LOAD (Amps)	BREAKER	LOAD DESCRIPTION	THHN WIRE SIZE	CKT NO		
		LOCATION	AMP POLE			POLE AMP	LOCATION				
1	-	AH-4 (3 TON)	15 2	10	10	20			2		
3	-	AH-1 (20 TON)	15 2	10	10	20			4		
5	#10	INSTANT WATER HEATER, MEN'S RESTROOM	30 1	34	34	01 1	20	VESTIBULE WATER FOUNTAIN	#12 6		
1	#10	INSTANT WATER HEATER, MEN'S RESTROOM	30 1	34	34	13 1	20	OUTLETS	#12 8		
4	#12	RESTROOM OUTLETS	20 1	01	01	04 1	20	ATG & LOFT OUTLETS	#12 10		
11	#12	PENDANT LIGHTS IN SANCTUARY & 2ND FLR	20 1	14	14	10 1	20	LIGHTS	#12 12		
13	-	SPARE	20 1	-	-	1 1	20	SPARE	- 14		
15	-	SPARE	20 1	-	-	1 1	20	SPARE	- 16		
17	-	SPARE	20 1	-	-	1 1	20	SPARE	- 18		
				TOTAL CONNECTED LOAD (Amps) = 103				GROUND BUS (GROUND WIRE (G))			
SOLID NEUTRAL NEUTRAL WIRE (N)				AS-11				BS-41			
								BS-65			

PANEL SCHEDULE											
PANEL:		MCC		VOLTAGE:		ENCLOSURE:					
LOCATION:		CORRIDOR 104		208/120V, 100A, 80 AMP/MB, 25KIC		RUSH MOUNTED IV EQUIPMENT SHD					
FEEDER SOURCE:		ENTERGY		BAR 80 D TYPE GCL LOAD CENTER							
CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION	BREAKER	LOAD (Amps)	LOAD (Amps)	BREAKER	LOAD DESCRIPTION	THHN WIRE SIZE	CKT NO		
		LOCATION	AMP POLE			POLE AMP	LOCATION				
1	-	AH-1 (20 TON)	25 3	20	20	12 3			4		
5	-	AH-2 (2 TON)	15 2	10	10	12 3			8		
7	-	AH-2 (2 TON)	15 2	10	10	11 2			10		
11	-	AH-3 (1/2 TON)	15 2	10	10	11 2			12		
13	-	AH-3 (1/2 TON)	15 2	10	10	11 2			14		
15	-	AH-3 (1/2 TON)	15 2	10	10	11 2			16		
17	-	AH-3 (1/2 TON)	15 2	10	10	11 2			18		
14	#10	55 kW BAPTISTRY HEATER	30 2	21	21	02 1	15	HOOD CONTROLLER	#12 20		
21	#10	BAPTISTRY HEATER ORILATION PUMP	30 2	21	21	10 1	25	KSP-1 SHUNT TRIP, ADJUST THRU HOOD CONTROLLER	#12 22		
23	#10	BAPTISTRY HEATER ORILATION PUMP	30 2	21	21	13 1	20	KSP-1 SHUNT TRIP, ADJUST THRU HOOD CONTROLLER	#12 24		
25	#10	CLOTHES DRYER	30 2	25	25	02 1	20	WASHING MACHINE	#12 26		
27	-	SPARE	20 1	-	-	1 1	20	SPARE	- 28		
24	-	SPARE	20 1	-	-	1 1	20	SPARE	- 30		
31	-	SPARE	20 1	-	-	1 1	20	SPARE	- 32		
33	-	SPARE	20 1	-	-	1 1	20	SPARE	- 34		
35	-	SPARE	20 1	-	-	1 1	20	SPARE	- 36		
37	-	SPARE	20 1	-	-	1 1	20	SPARE	- 38		
39	-	SPARE	20 1	-	-	1 1	20	SPARE	- 40		
41	-	SPARE	20 1	-	-	1 1	20	SPARE	- 42		
				TOTAL CONNECTED LOAD (Amps) = 192				GROUND BUS (GROUND WIRE (G))			
SOLID NEUTRAL NEUTRAL WIRE (N)				AS-324				BS-324			
								GS-241			

PANEL SCHEDULE											
PANEL:		LFC		VOLTAGE:		ENCLOSURE:					
LOCATION:		CORRIDOR 104		208/120V, 100A, 80 AMP/MB, 10KIC		RUSH MOUNTED IV EQUIPMENT SHD					
FEEDER SOURCE:		MCC		BAR 80 D TYPE GCL LOAD CENTER							
CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION	BREAKER	LOAD (Amps)	LOAD (Amps)	BREAKER	LOAD DESCRIPTION	THHN WIRE SIZE	CKT NO		
		LOCATION	AMP POLE			POLE AMP	LOCATION				
1	#12	ADMIN OFFICE 10	20 1	11	11	02 1	20	SOUND CLOSET 1A, DEDICATED	#12 2		
3	#12	PASTOR OFFICE 111	20 1	01	01	02 1	20	SOUND CLOSET 1A, DEDICATED	#12 4		
5	#12	KITCHEN MICROWAVE	20 1	15	15	02 1	20	SOUND CLOSET 1A, DEDICATED	#12 6		
7	#12	KITCHEN ICE MACHINE	20 1	15	15	15 1	20	KITCHEN OUTLETS	#12 8		
4	#12	KITCHEN DISHWASHER	20 1	12	12	15 1	20	KITCHEN REFRIGERATION	#12 10		
11	#12	KITCHEN FREEZER	20 1	15	15	02 1	20	CHDR	#12 12		
13	#12	STAGE RIGHT	20 1	02	02	02 1	20	PLUPH	#12 14		
15	#12	STAGE LEFT	20 1	02	02	02 1	20	MULTI-PURPOSE RM OUTLETS	#12 16		
17	#12	2ND FLR 4 ATTIC OUTLETS	20 1	01	01	01 1	20	MULTI-PURPOSE RM OUTLETS	#12 18		
14	#12	LIGHTS	20 1	10	10	15 1	20	LIGHTS	#12 20		
21	-	SPARE	20 1	-	-	1 1	20	SPARE	- 22		
23	-	SPARE	20 1	-	-	1 1	20	SPARE	- 24		
25	-	SPARE	20 1	-	-	1 1	20	SPARE	- 26		
27	-	SPARE	20 1	-	-	1 1	20	SPARE	- 28		
29	-	SPARE	20 1	-	-	1 1	20	SPARE	- 30		
31	-	SPARE	20 1	-	-	1 1	20	SPARE	- 32		
33	-	SPARE	20 1	-	-	1 1	20	SPARE	- 34		
35	-	SPARE	20 1	-	-	1 1	20	SPARE	- 36		
37	-	SPARE	20 1	-	-	1 1	20	SPARE	- 38		
39	-	SPARE	20 1	-	-	1 1	20	SPARE	- 40		
41	-	SPARE	20 1	-	-	1 1	20	SPARE	- 42		
				TOTAL CONNECTED LOAD (Amps) = 113				GROUND BUS (GROUND WIRE (G))			
SOLID NEUTRAL NEUTRAL WIRE (N)				AS-15				BS-48			
								GS-34			



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REVISIONS	DATE
# DESCRIPTION	

DATE	DESCRIPTION
05-26-2023	BAK
24/0	CKD

SHEET TITLE:  
 CIRCUIT PANELS AND ONE-LINE DIAGRAM  
 DRAWING NUMBER:  
**E105**