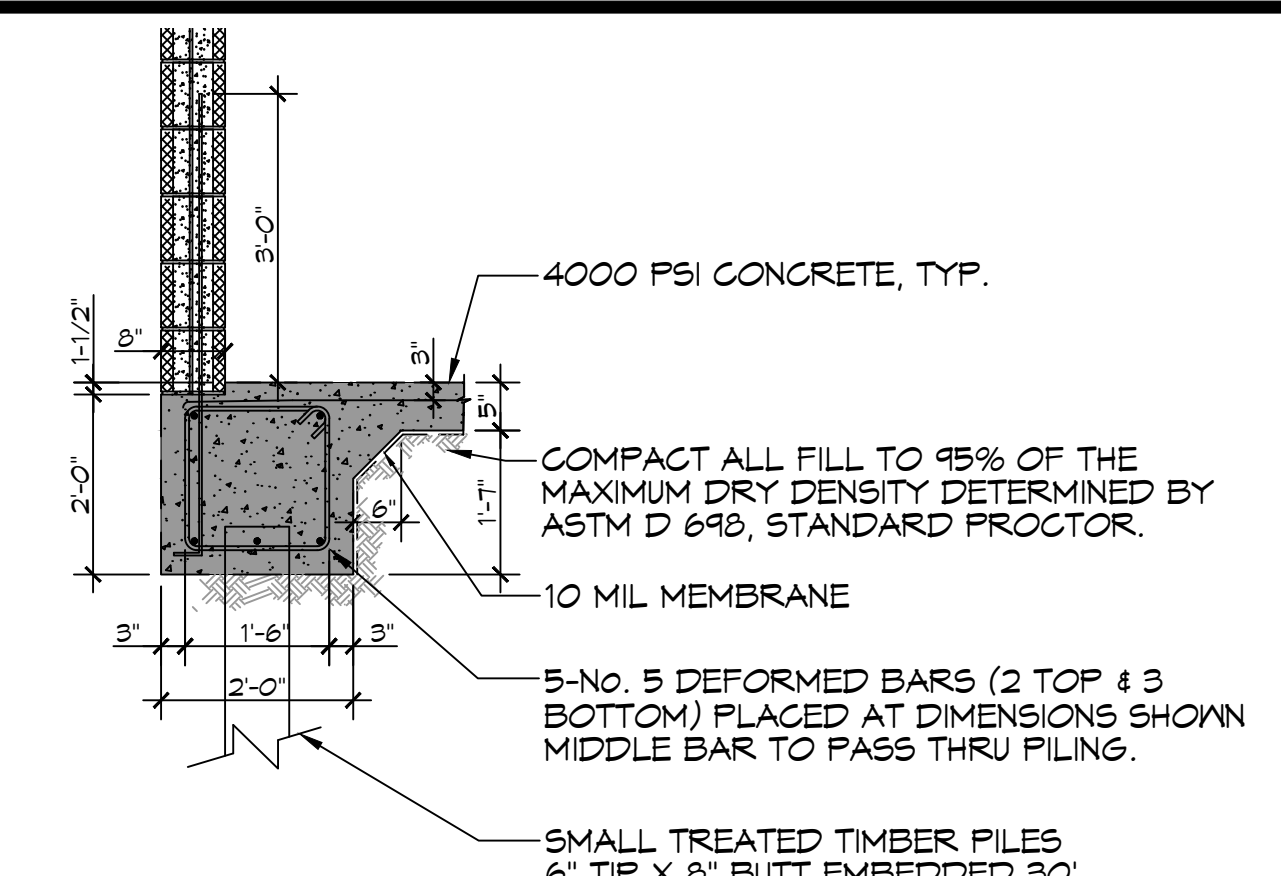
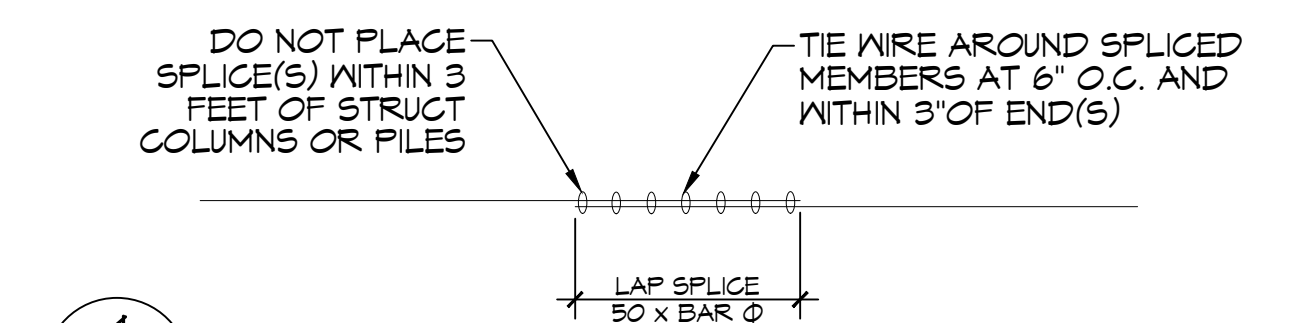


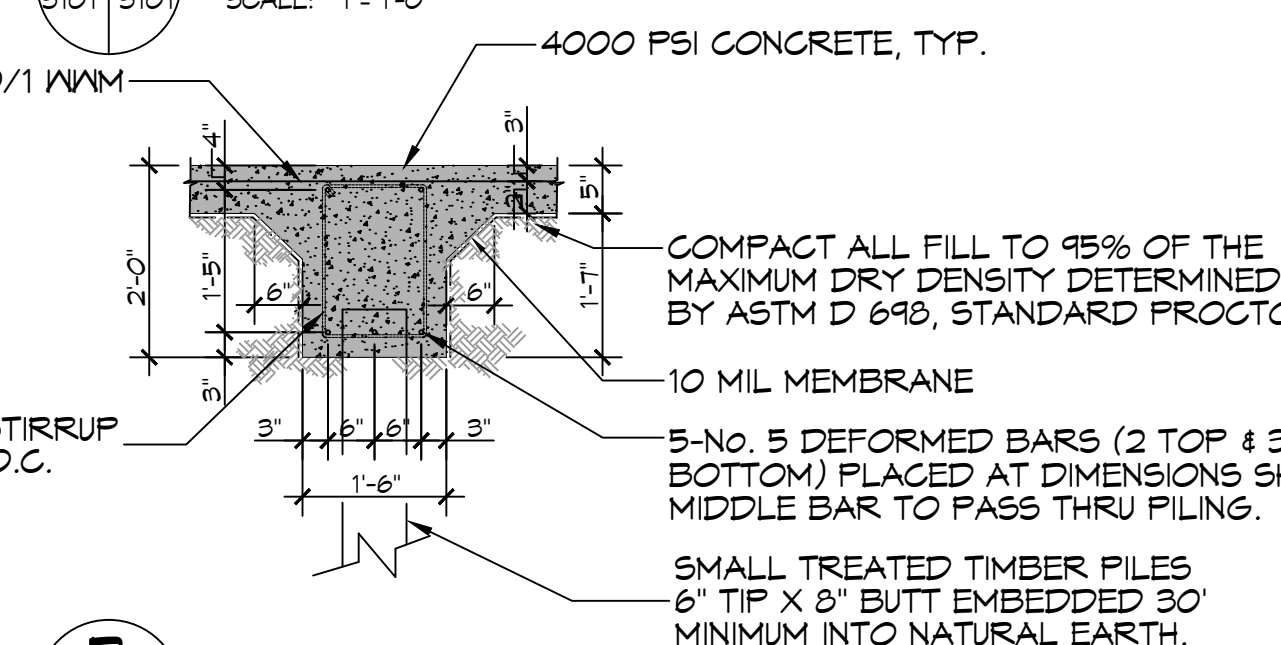
3 DETAIL
SCALE: 1/2" = 1'-0"



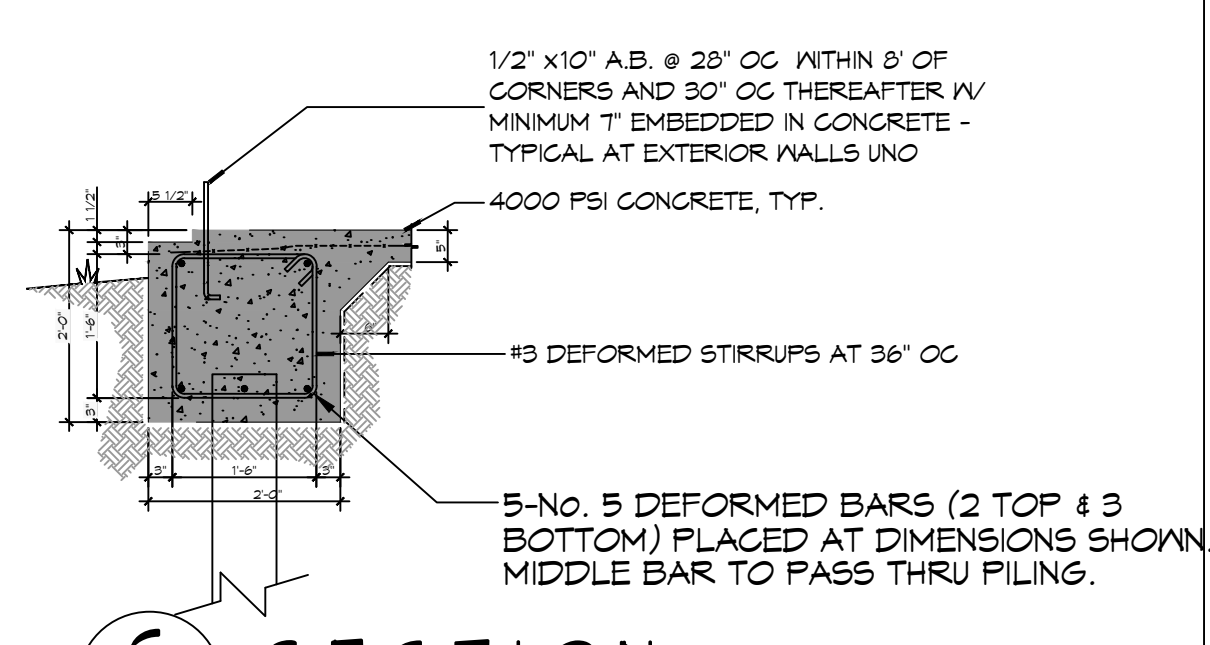
A SECTION
SCALE: 1" = 1'-0"



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



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



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

PILING NOTES

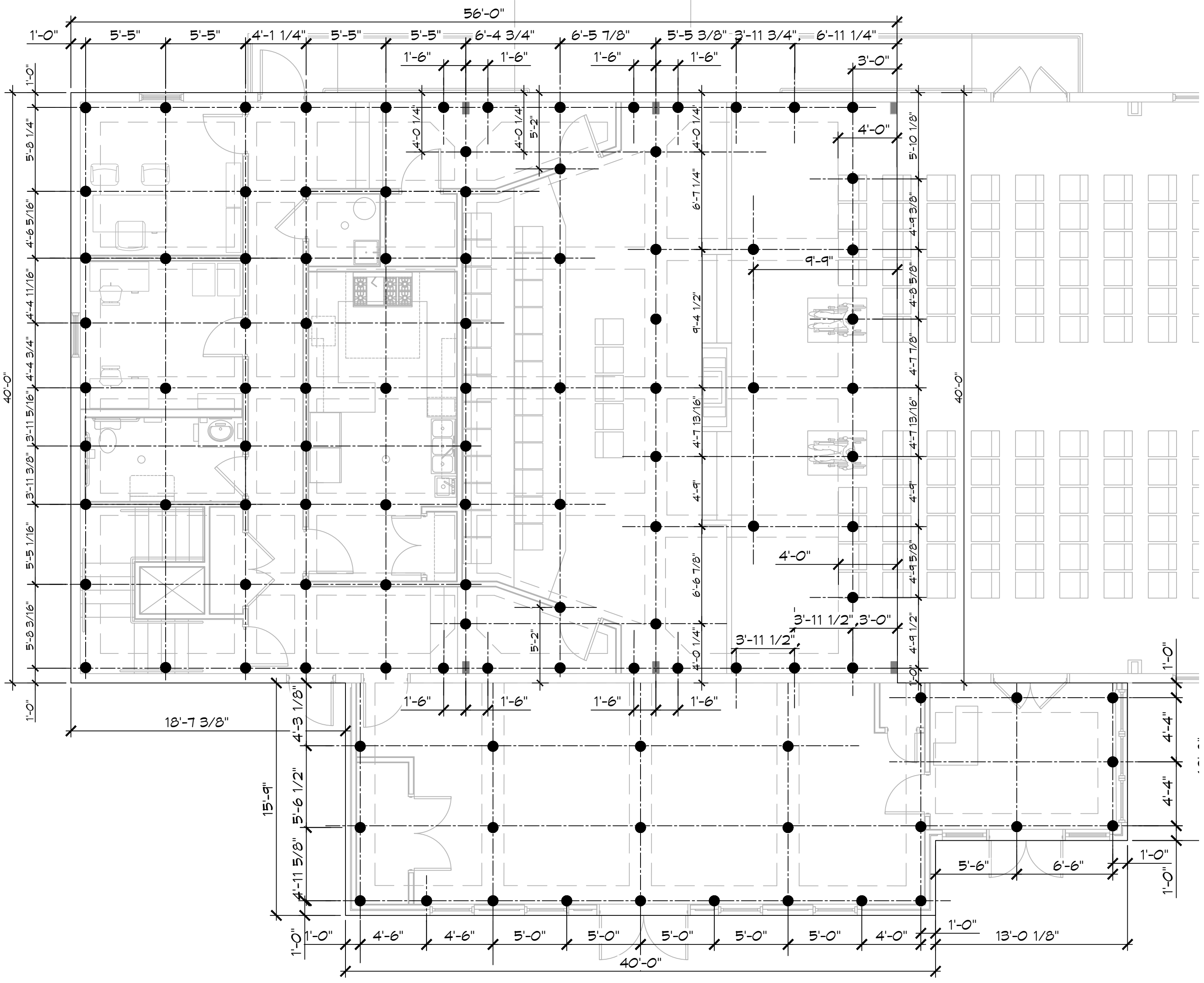
- GC SHALL EMPLOY A GEOTECHNICAL ENGINEER.
- ALL PILING SHALL BE CLASS 5 PRESSURE TREATED, 6 INCH TIP AND 8' BUTT 30 FOOT IN LENGTH.
- ALL PILING SHALL BE DRIVEN TO REFUSAL.
- PRE DRILL.
- CONTRACTOR SHALL DRIVE TEST PILE.
- PILE LAYOUT MAY BE MODIFIED DUE TO ACTUAL DRIVING CONDITIONS. ENGINEER TO BE 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

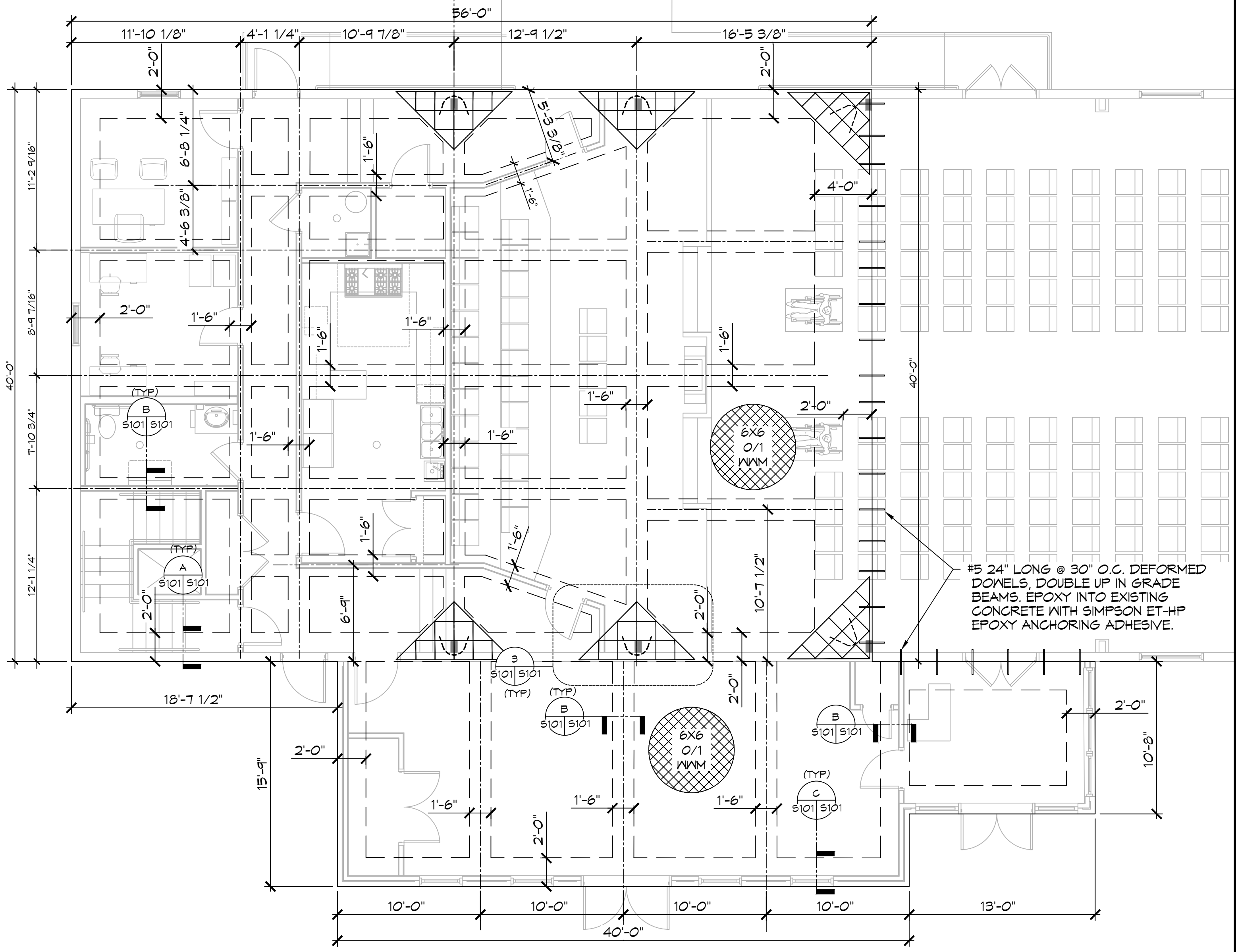
- THE GC SHALL EMPLOY A GEOTECHNICAL ENGINEER TO MONITOR SITE CONDITIONS DURING THE PREP WORK OF THE SITE FOUNDATION. REMOVE EXISTING NEAR SURFACE TOPSOIL WITH ORGANICS AND OTHER DELTERIOUS MATERIALS APPROXIMATELY 8 TO 10 INCHES HOWEVER THE ACTUAL STRIPPING DEPTH SHALL BE DETERMINED BY A GEOTECHNICAL 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 F101 & ELECTRICAL ROUGH-IN LOCATIONS ON SHEET E101 & E102.
- 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.



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



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

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#	DESCRIPTION	DATE

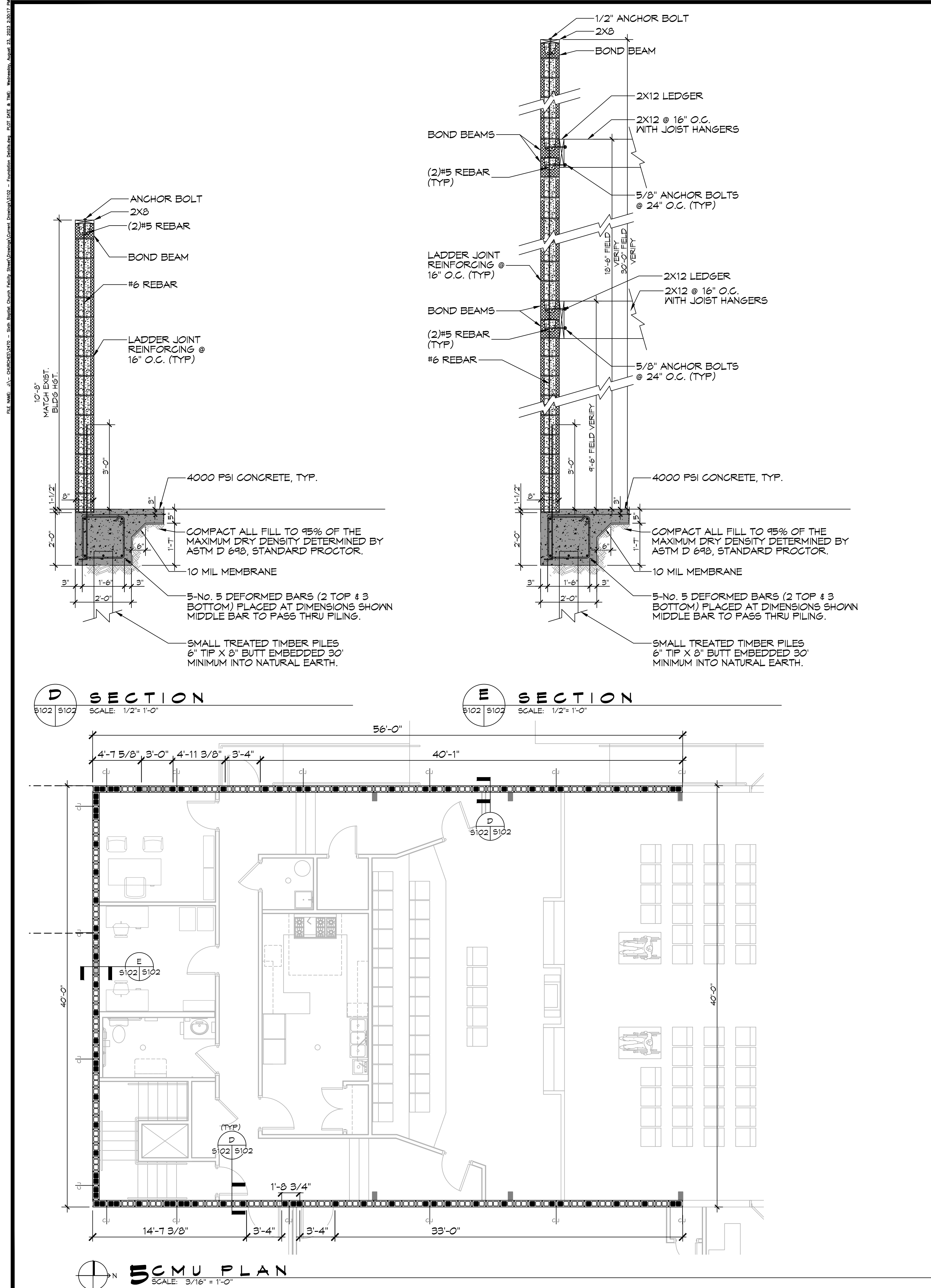
DATE	BY	CHECKED BY
08-11-2025	BAM	

THE SIXTH URCHIN TRADITION
THE SUSTAINABLE TRADITION
JOB No: 2470 DATE: 08-11-2025
929 FELICITY STREET
NEW ORLEANS, LA 70130
DRAWN BY:

SHEET TITLE:
PILING AND FOUNDATION PLAN

DRAWING NUMBER:
S101

SHEET No: 1 of 14



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 NCA 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 POURS 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.

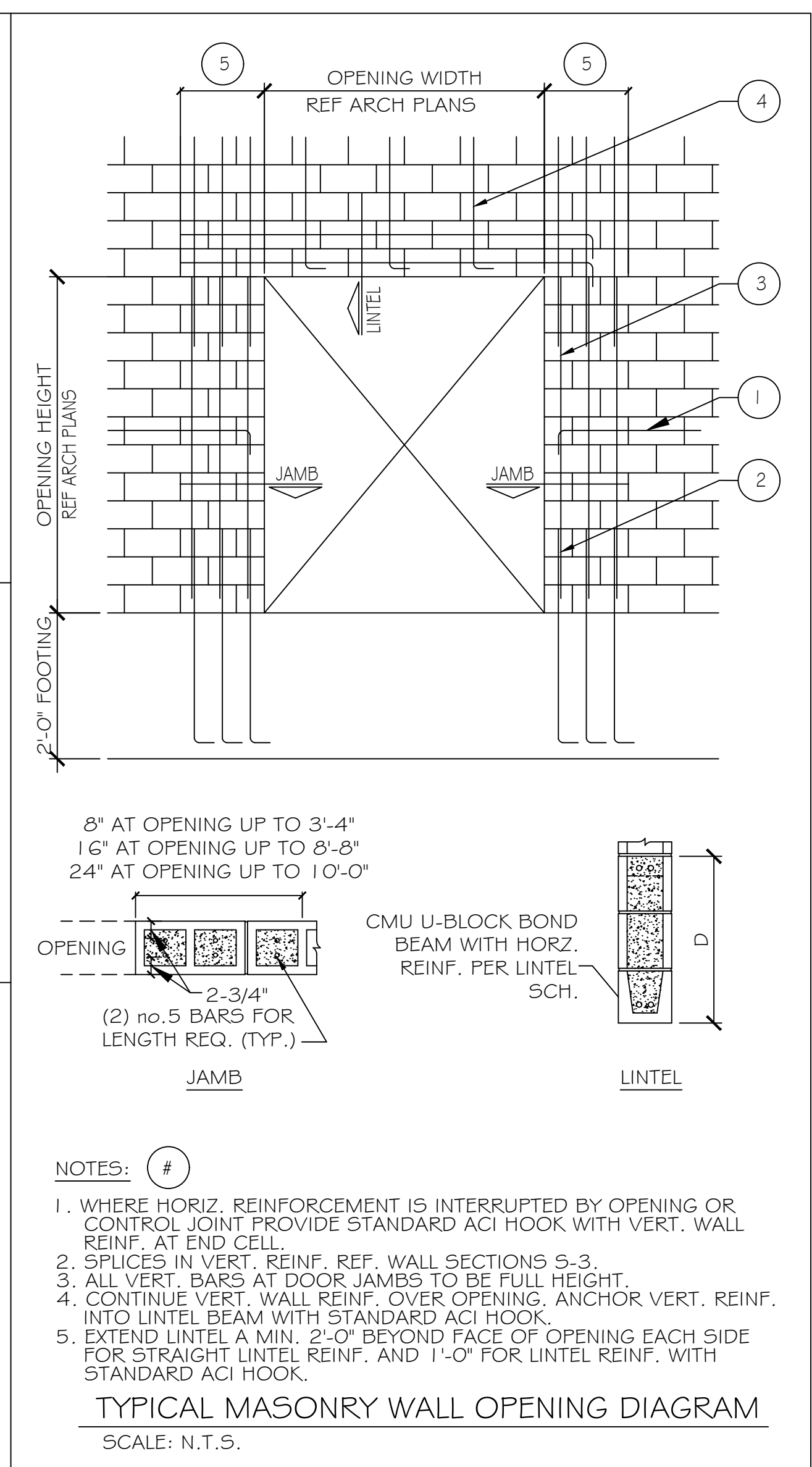
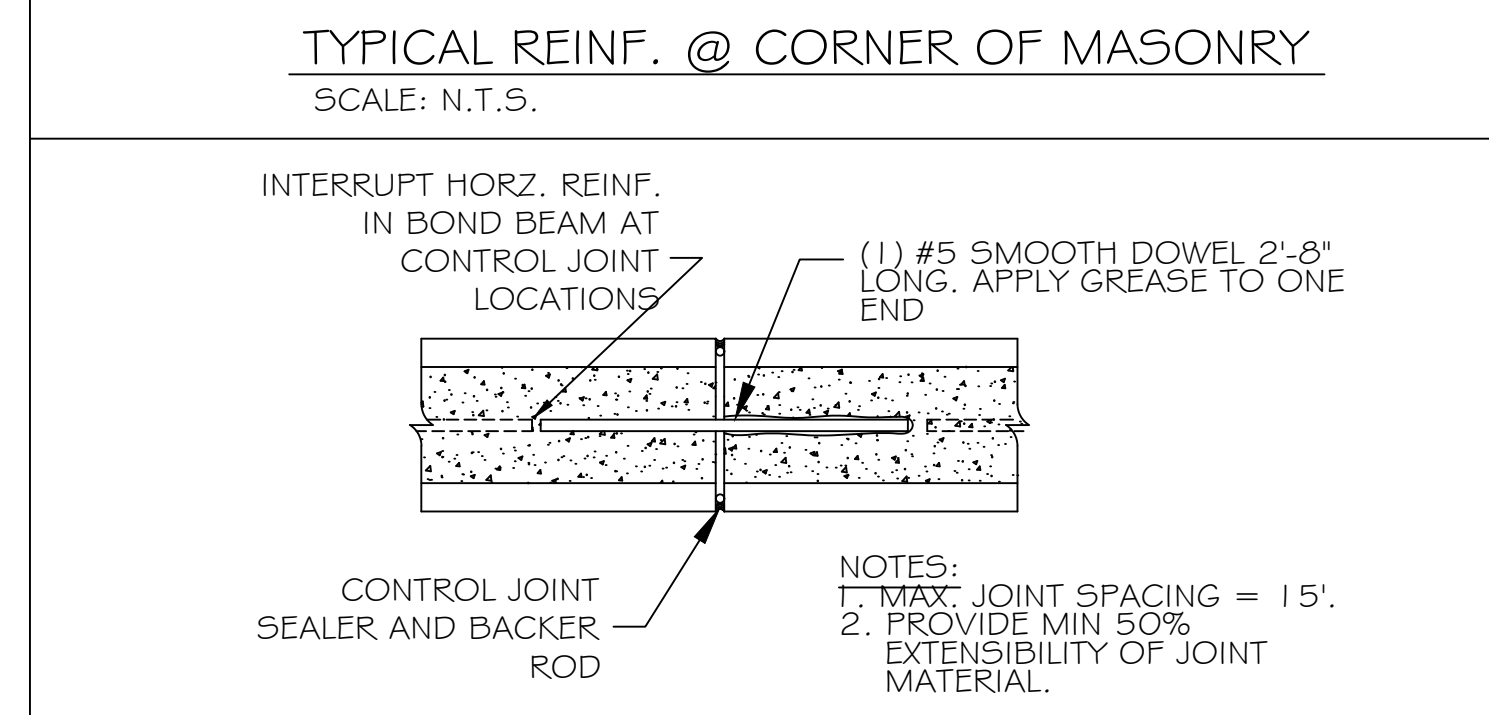
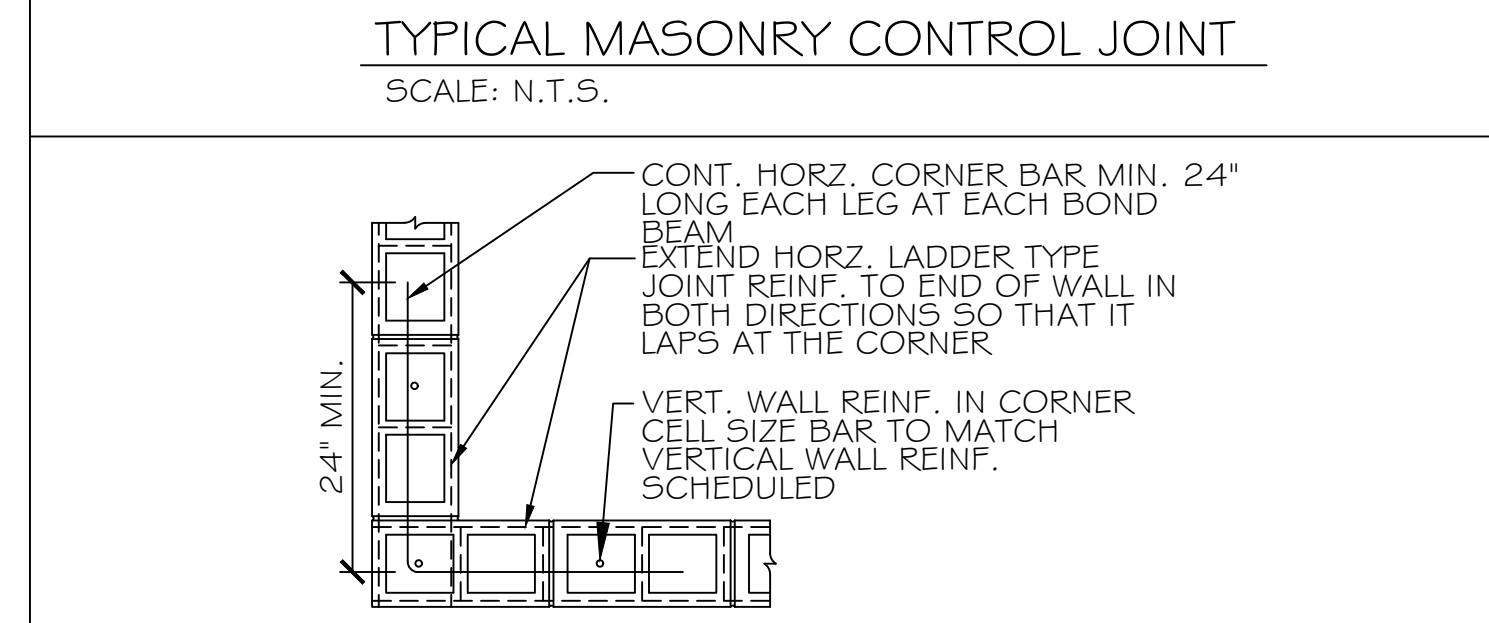
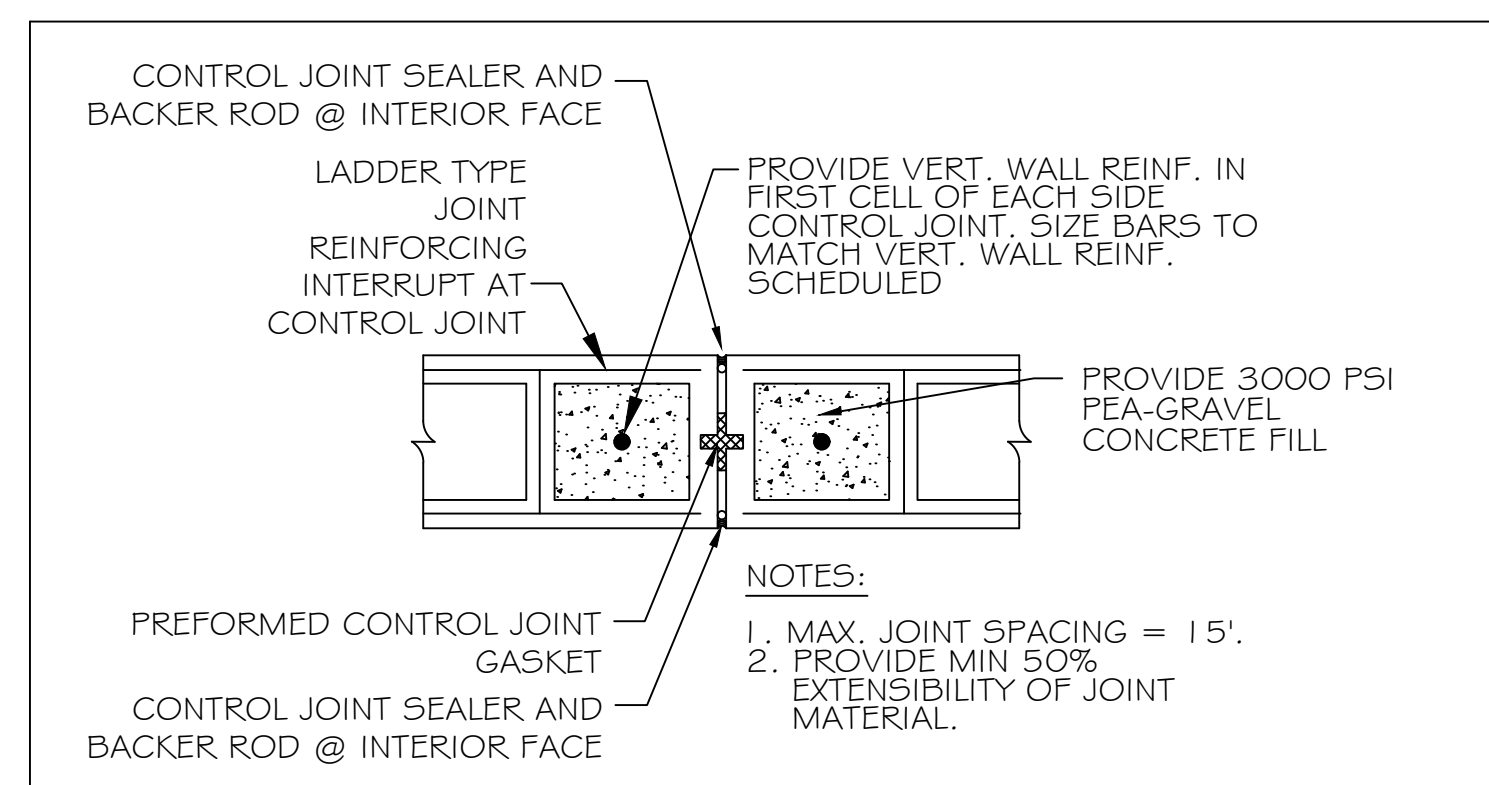
LEGEND

- 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 AND THE SIXTH FLOOR REVISION

S102

928 FELICITY STREET
NEW ORLEANS, LA 70130
JOB No: 2470 DATE: 08-11-2025
DRAWN BY: BAW
CHECKED BY: C&D

SHEET TITLE: CMU PLAN
DRAWING NUMBER:
SHEET No: 2 of 14

