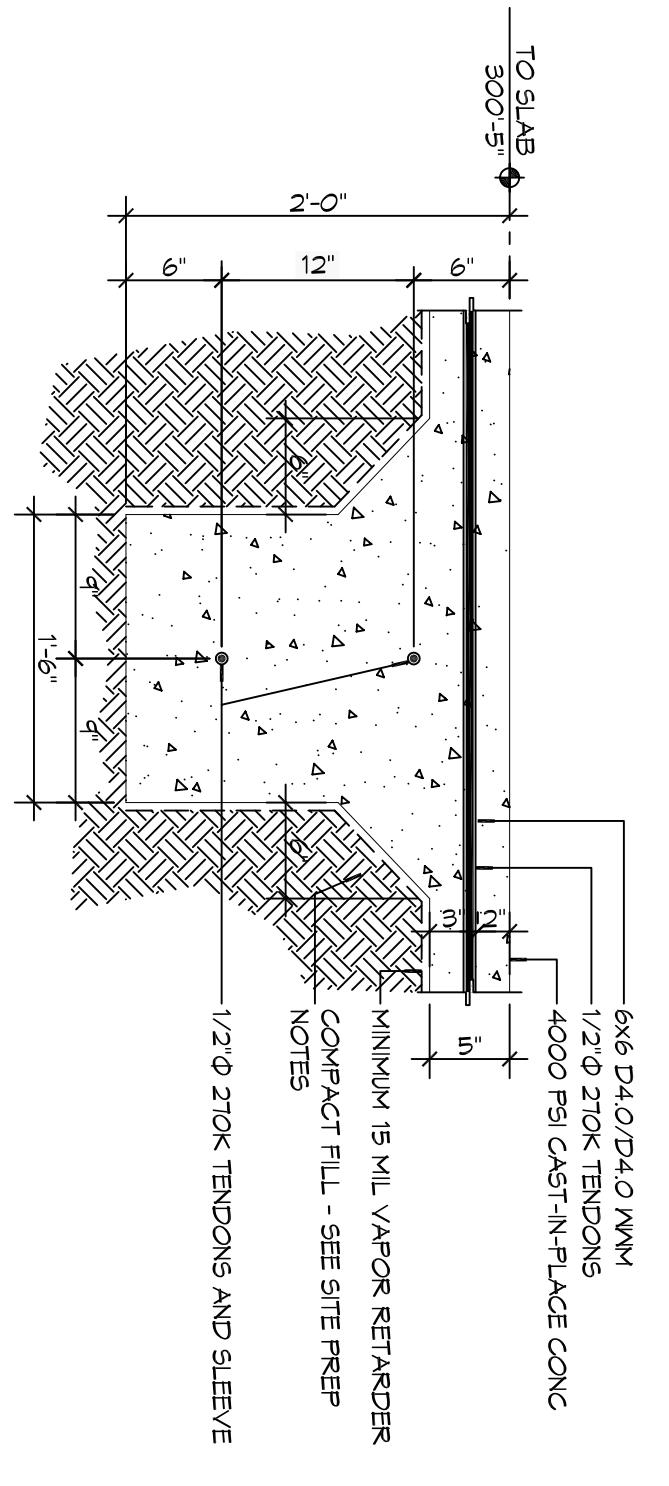
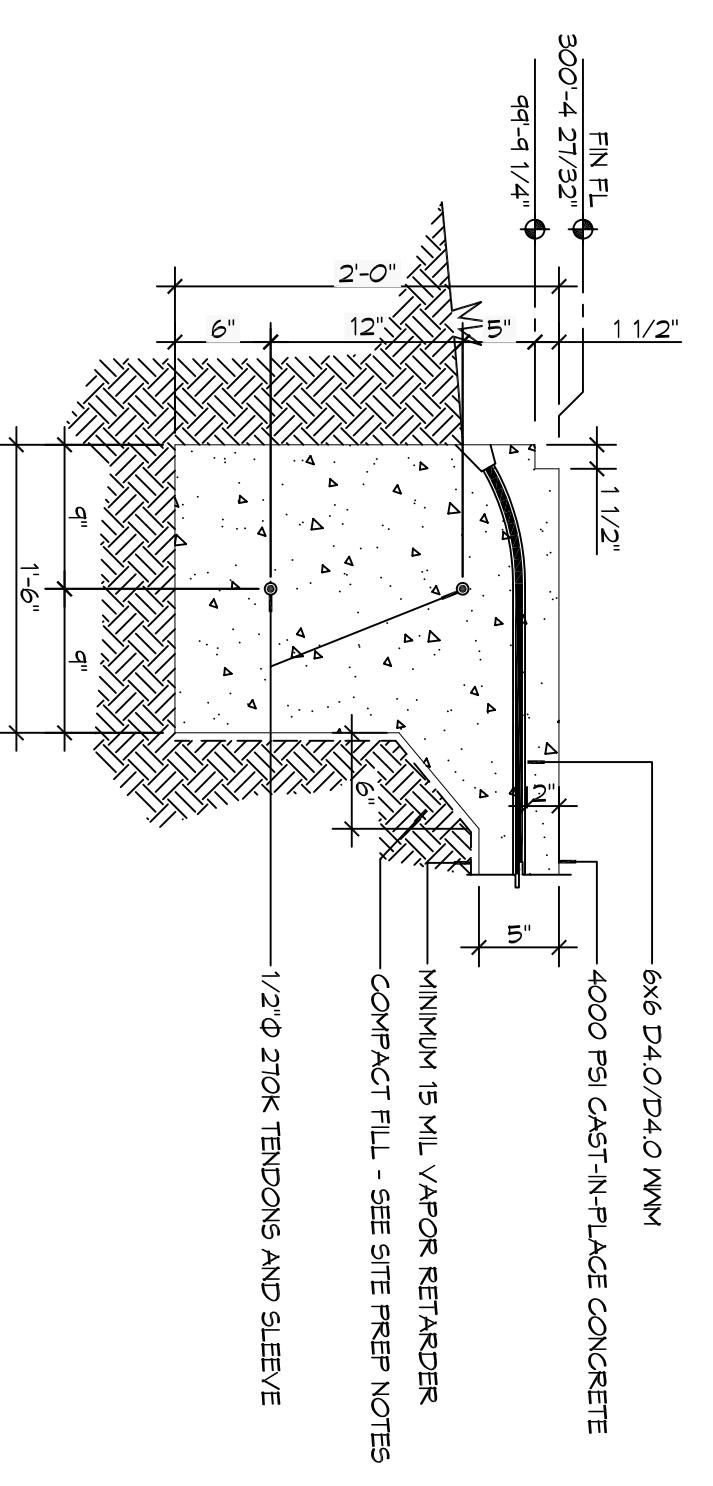


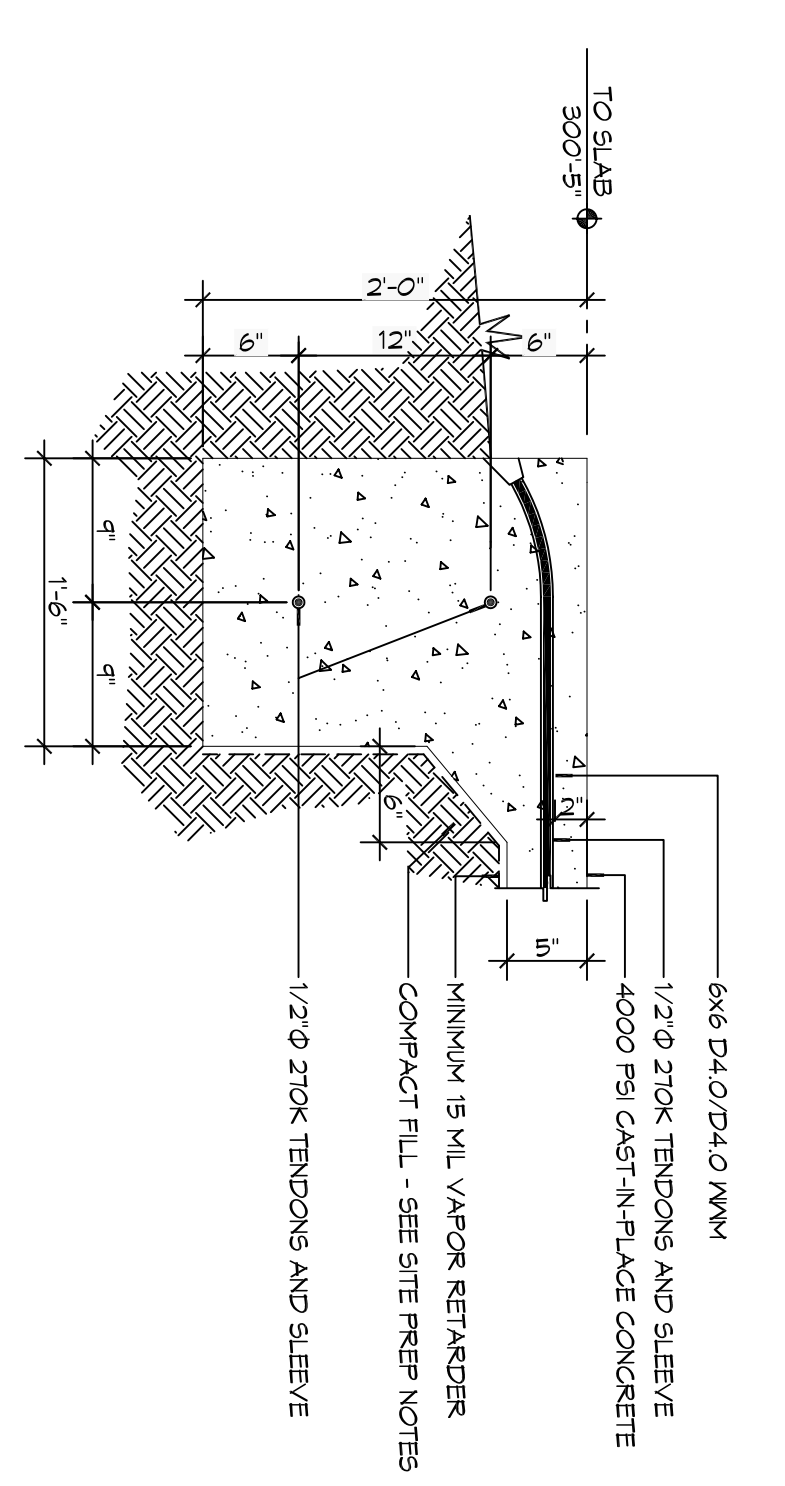
4 BOLLARD DETAIL
SCALE: 1"=1'-0"



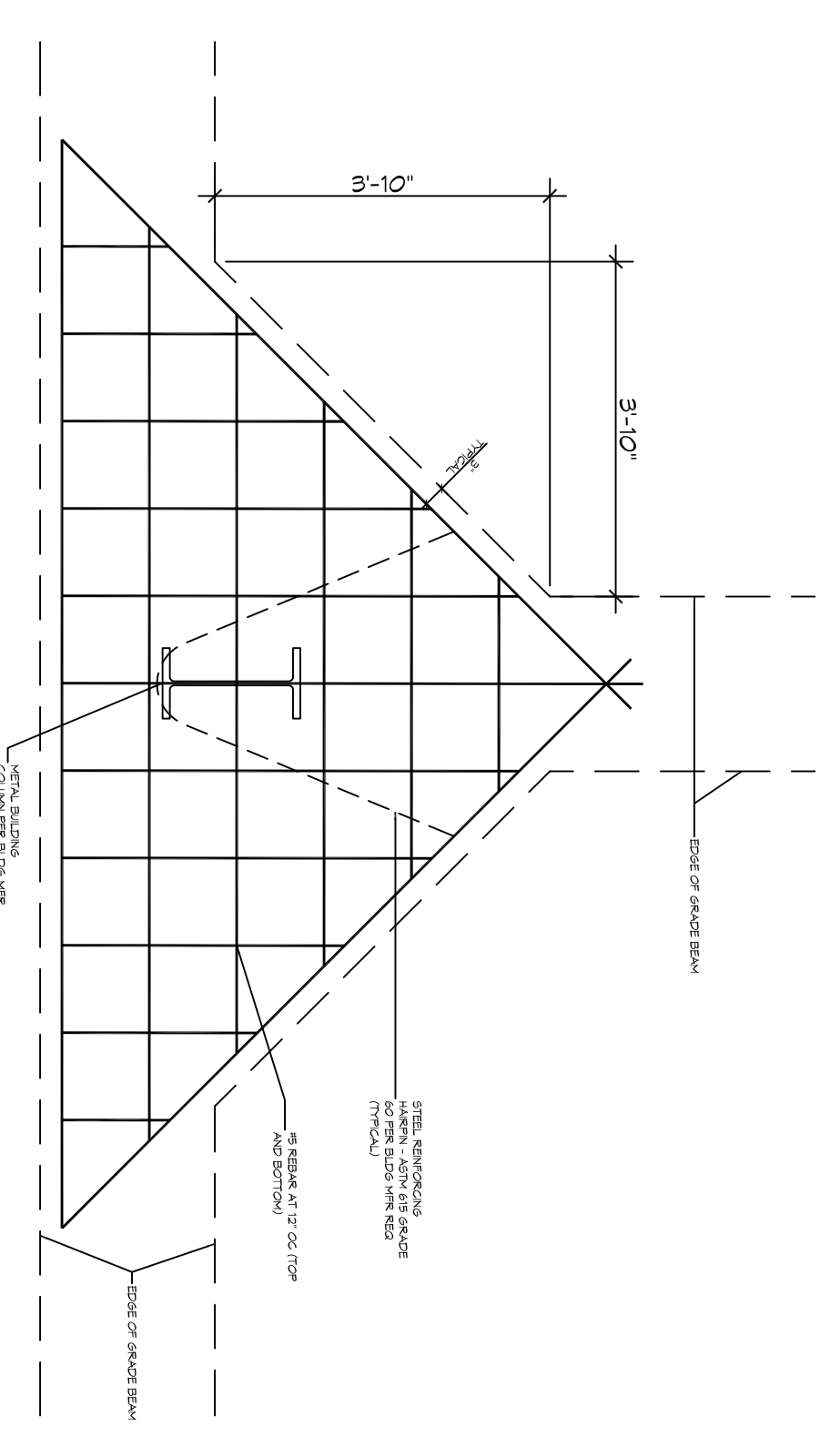
3 FOUNDATION DETAIL
SCALE: 1"=1'-0"



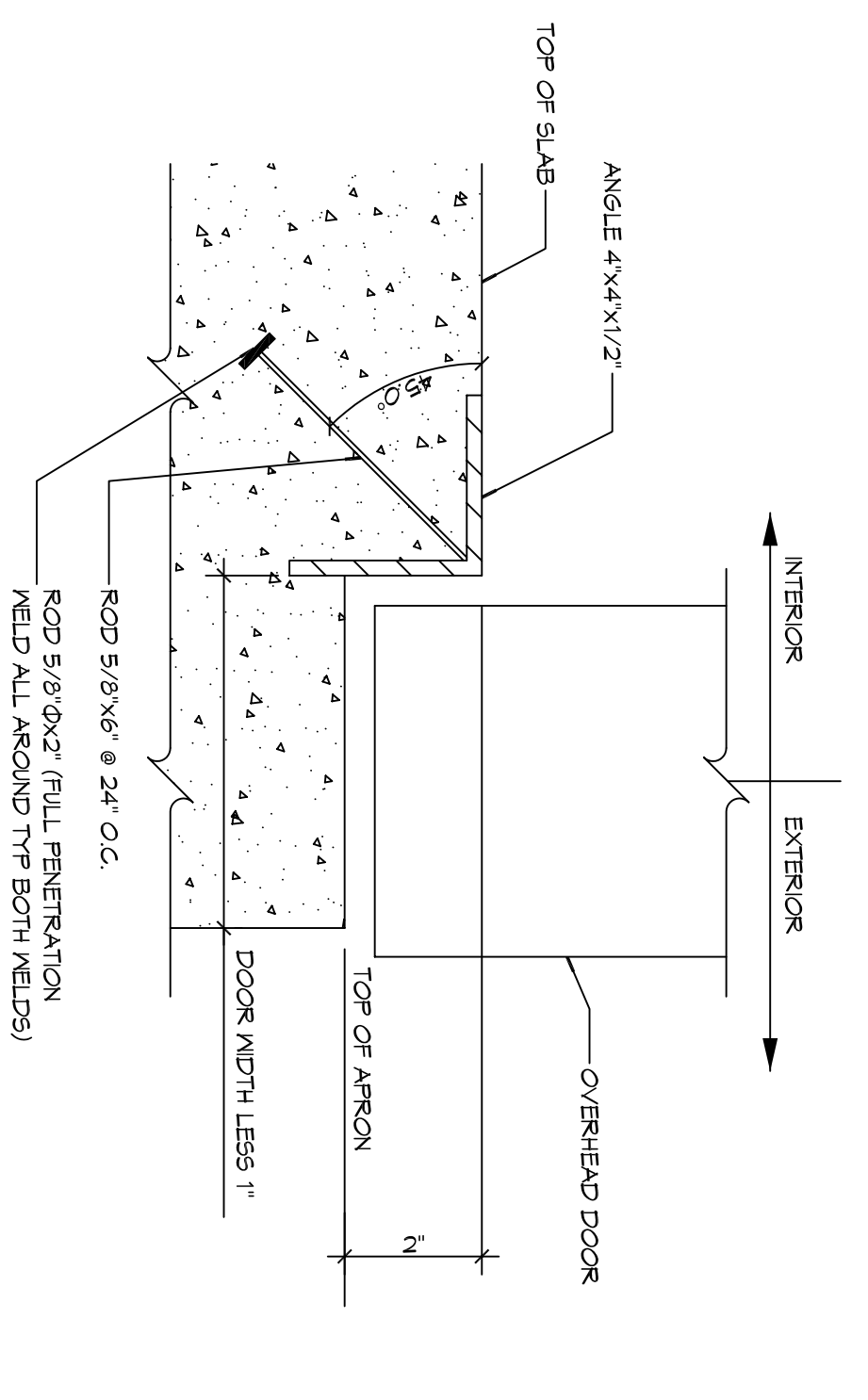
2 FOUNDATION DETAIL
SCALE: 1"=1'-0"



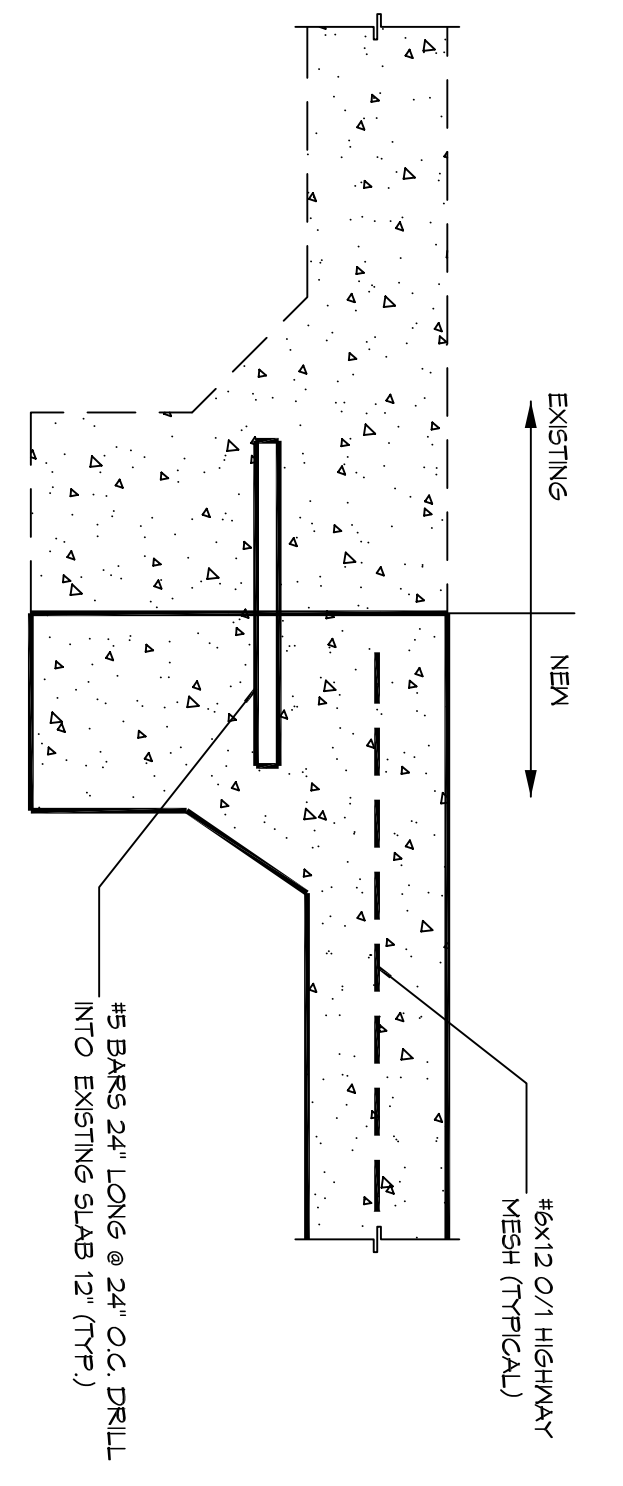
6 FOUNDATION DETAIL
SCALE: 1"=1'-0"



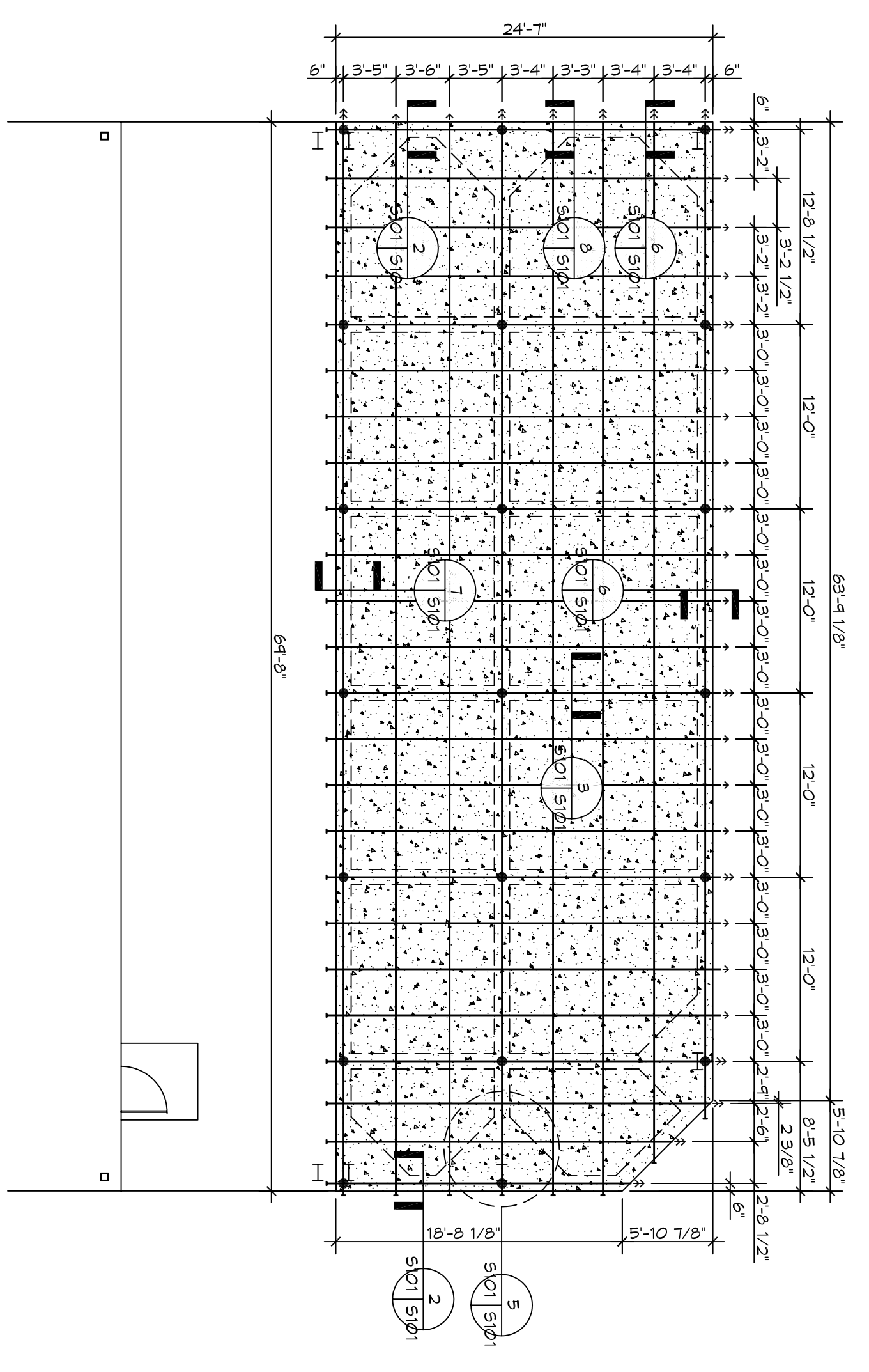
5 FOUNDATION DETAIL
SCALE: 1/2"=1'-0"



8 FOUNDATION DETAIL
SCALE: 1"=1'-0"



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



1 FOUNDATION PLAN
SCALE: 1/8"=1'-0"

GENERAL NOTES

1. THE CONCRETE REINFORCING BARS SHALL BE PLACED TO RECEIVE A MINIMUM OF ONE LAYER OF POLYETHYLENE VAPOUR BARRIER IN ACCORDANCE WITH SPECIFICATIONS. ALL DIMENSIONS ARE EDGE OF CONCRETE (ECC) TO EDGE OF CONCRETE (ECC) UNLESS NOTED OTHERWISE ON SHEET P101.
2. VERIFY ALL REINFORCING BARS ARE PLACED AS SHOWN ON SHEET P101.
3. CONCRETE MIX SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI AT 28 DAYS. CONCRETE MIX SHALL BE IN ACCORDANCE WITH AC-308.
4. ALL CONVENTIONAL REINFORCING STEEL SHALL MEET ASTM-A615 (GRADE 60).
5. ONE LAYER OF POLYETHYLENE VAPOUR BARRIER SHALL BE PLACED UNDER ALL CONCRETE. VAPOUR BARRIER TO BE MINIMUM 15 MIL THICKNESS, ASTM E 1748 CLASS A, PERMEANCE LESS THAN 0.01 PERMS, EQUAL TO STENO INDUSTRIES STENO MAP ECOSHIELD-15 MIL BY ENVIRO OR ROUNBAR 15 BY PLATON FILMS. PROVIDE APPROPRIATE ACCESSORIES FOR A COMPLETE SYSTEM.
6. ALL REINFORCING STEEL AND MESH SHALL BE SECURELY SUPPORTED TO PREVENT BOTH VERTICAL AND HORIZONTAL MOVEMENT DURING CONCRETE PLACEMENT.
7. THE CONCRETE SHALL BE PLACED IN LIFTS AS SHOWN ON SHEET P101. RESPONSIBLE FOR SAME.
8. GRADE BEAM DIMENSIONS MAY VARY BY -5% -10%.
9. BEAMS ON COMPACTED STRUCTURAL FILL AT LEAST 2 FEET BELOW FINISHED GRADE SHOULD BE DESIGNED FOR MINIMUM NET ALLOWABLE BEARING PRESSURES OF 1200 PSF AND 2000 PSF, RESPECTIVELY, BASED ON DEAD LOADS AND DESIGN LIVE LOADS.
10. ALL SOIL BELOW SLAB SHALL RECEIVE TREATMENT IN ACCORDANCE WITH SPECIFICATIONS.
11. ALL REINFORCING BAR SPLICES SHALL HAVE AN OVERLAP DIMENSION OF NOT LESS THAN 50 TIMES THE REINFORCING BAR DIAMETER, WHERE REINFORCING BARS OF DIFFERENT DIAMETERS MEET. USE THE LARGER OF THE TWO BARS TO DETERMINE THE SPLICE LENGTH. THE BARS SHALL BE PLACED END TO END WITH A MINIMUM OF 12 FEET BETWEEN ENDS. DO NOT PLACE SPLICES WITHIN THREE (3) FEET OF STRUCTURAL COLUMNS.

GENERAL NOTES

1. THE GC SHALL EMPLOY A GEOTECHNICAL ENGINEER TO MONITOR SITE CONDITIONS DURING THE PREP WORK OF THE SITE FOUNDATION. REMOVE EXISTING NEAR SURFACE TOPSOIL WITH GRASSHOPS AND OTHER DELETED MATERIALS. PARKING SPACES 8' 0" DIMENSION OVER THE EXISTING FINISH GRADE SHALL BE EXCAVATED TO THE EXISTING FINISH GRADE AND PARKING AREAS SHALL BE PROOF-ROLLED WITH A RUBBER TIERED VEHICLE WEIGHING ABOUT 20 TONS. PROOF-ROLLING SHALL BE MONITORED BY A GEOTECHNICAL ENGINEER. ANY SOILS WHICH ARE OBSERVED TO RUT OR DEFLECT EXCESSIVELY UNDER THE MOVING LOAD SHOULD BE UNDERCUT AND REPLACED WITH COMPACTED STRUCTURAL FILL.
2. THE STRUCTURAL FILL SHALL BE SELECT GRANULAR MATERIAL AND SHALL BE PLACED IN MAXIMUM LIFTS OF EIGHT (8) INCHES OF LOOSE MATERIAL, COMPACTED WITHIN THE RANGE OF ONE (1) PERCENT TO FIVE (5) PERCENT MOISTURE CONTENT. WATER WILL BE ADDED IF NEEDED TO ACHIEVE UNIFORMITY APPLIED AND THOROUGHLY MIXED INTO THE SOIL BY DISKING OR SCARPING. EACH LIFT OF COMPACTED STRUCTURAL FILL SHALL BE TESTED BY A REPRESENTATIVE OF THE GEOTECHNICAL ENGINEER PRIOR TO PLACEMENT OF SUBSEQUENT LIFTS. IN-PLACE DENSITY MEASUREMENTS SHALL BE TAKEN TO ASSURE THAT THE ABOVE DEGREE OF COMPACTION IS ACHIEVED. THE COMPACTED STRUCTURAL FILL SHALL EXTEND FIVE (5) FEET BEYOND THE PERIMETER OF THE BUILDING PRIOR TO SLOPING.
3. ALL RUNOFF WATER MUST BE CARRIED AWAY FROM THE SLAB TO PREVENT SATURATION OF THE SUBGRADE.
4. ALL TREES WITHIN CLOSE PROXIMITY SHALL BE REMOVED TO PREVENT THE ROOTS FROM EXTENDING UNDER THE SLAB.
5. PROTECT AND MAINTAIN IMMEDIATE SITE DRAINAGE BEFORE, DURING AND AFTER CONSTRUCTION. PROTECT GRASSHOPS, SWELLS, AND SIMILAR PLANTS AS MAY BE REQUIRED TO IMMEDIATELY DRAIN ALL RAINWATER FROM THE CONSTRUCTION AREA. FOOTING EXCAVATIONS SHOULD BE OBSERVED AND CONCRETE PLACED AS QUICKLY AS POSSIBLE TO AVOID EXPOSURE OF THE FOOTING BOTTOMS TO WETTING AND DRYING. EXCAVATIONS AND NOT BE ALLOWED TO FOND PRIOR OR AFTER CONCRETE PLACEMENT. IF IT IS REQUIRED THAT A FOOTING EXCAVATION BE LEFT OPEN FOR MORE THAN ONE DAY, THEN SHOULD BE PROTECTED TO REMOVE EVAPORATION OR ENTRY OF MOISTURE.

FOUNDATION STATISTICS

FOUNDATION AREA:	4,824 SF
ENCLOSING BUILDING AREA -	194 SF
OPEN BUILDING AREA -	4,630 SF
TOTAL FOUNDATION FOOTPRINT -	4,824 SF

LEGEND

- SINGLE TENDON
- DOUBLE TENDON (STACKED VERTICALLY)

DAMMON ENGINEERING, INC.
LOUISIANA & MISSISSIPPI

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

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REVISIONS	DATE
# DESCRIPTION	

PRELIMINARY NOT FOR CONSTRUCTION

BUILDING ADDITION FOR
AND
CONSTRUCTION

56396 FRANK PICHON RD.
SLIDELL, LA 70458

JOB No: 2277 DATE: 4/13/2016
DRAWN BY: NWM CHECKED BY: CKD

SHEET TITLE:
FOUNDATION PLAN

DRAWING NUMBER:
5101

SHEET No. 5 of 4