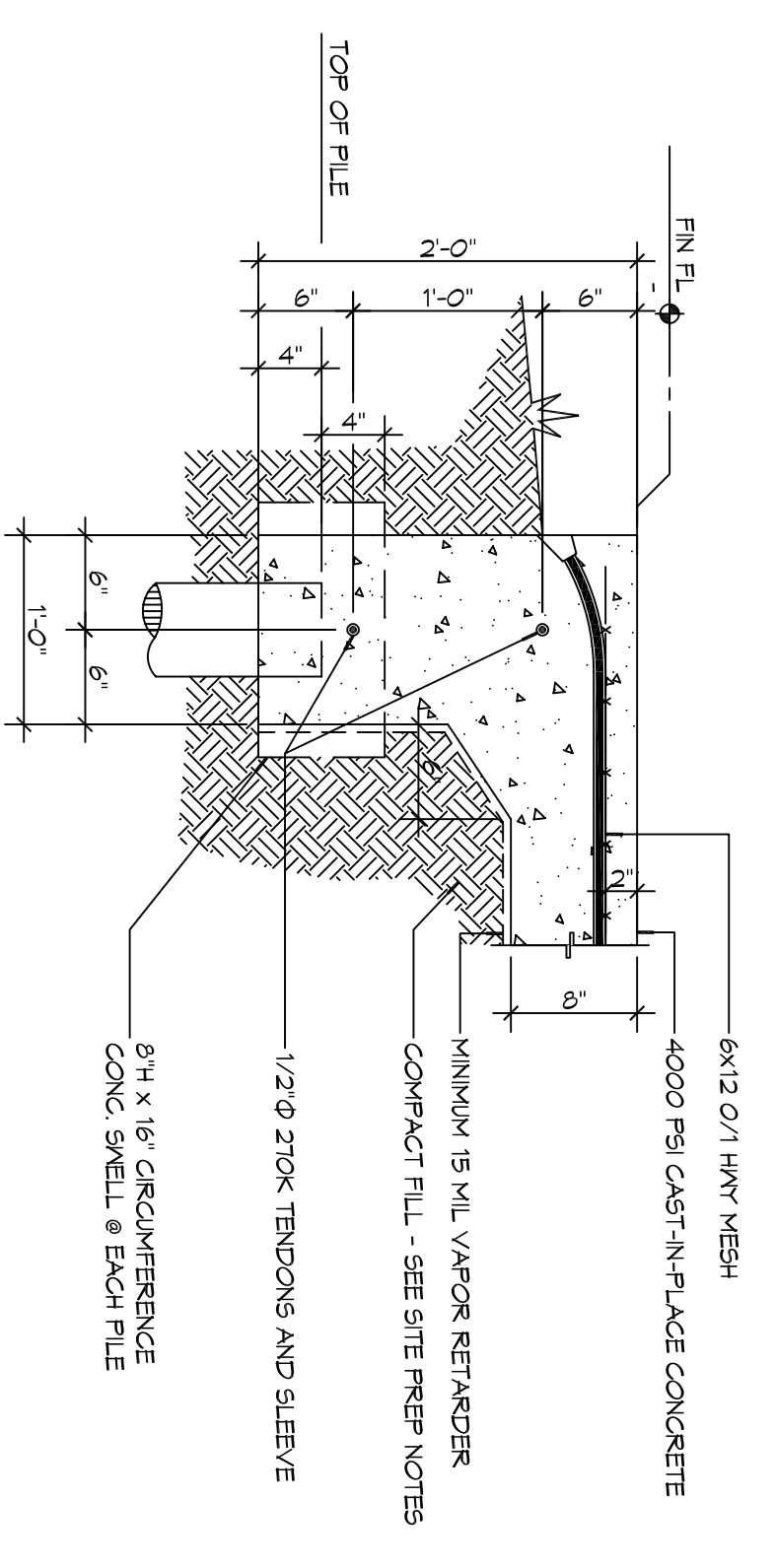
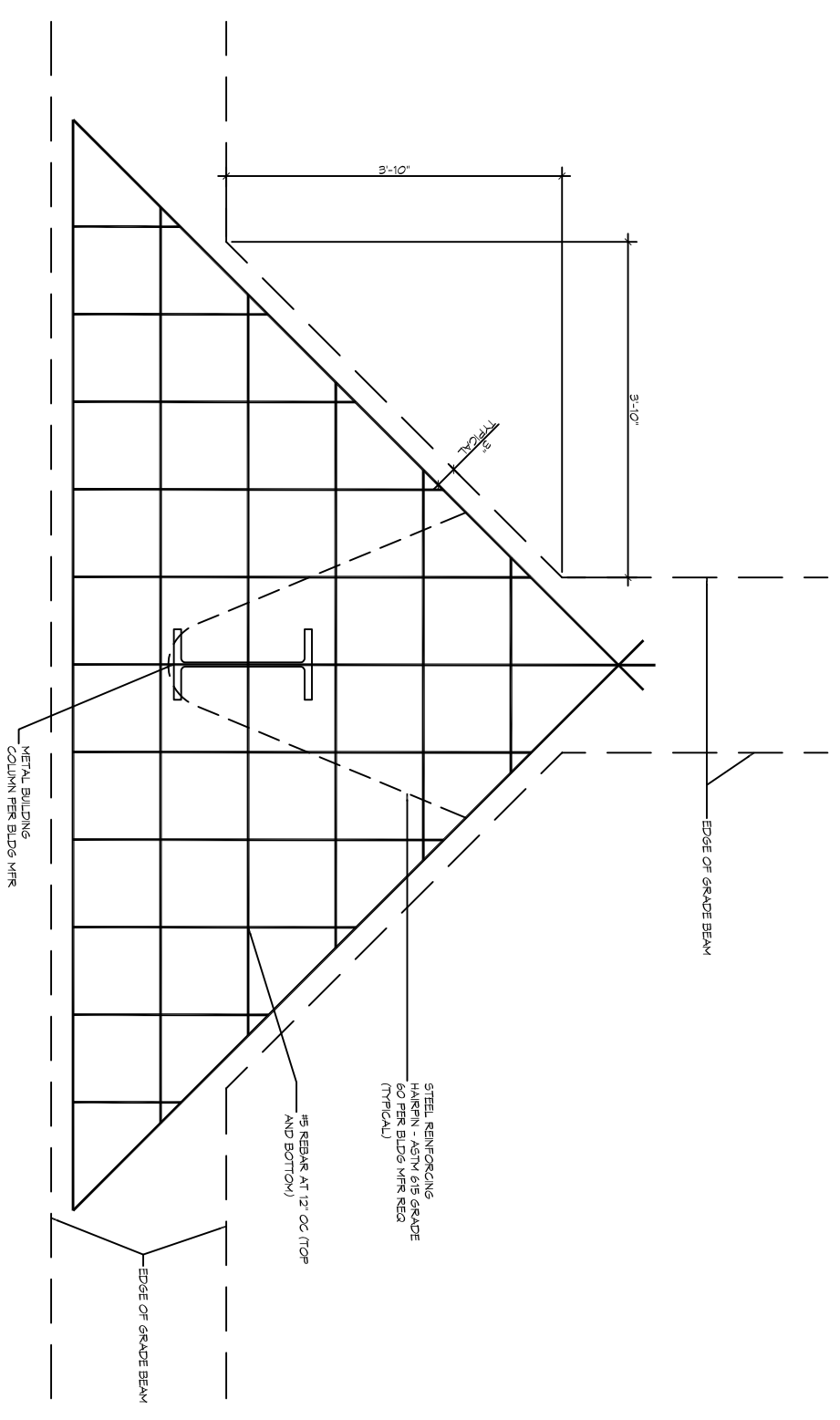


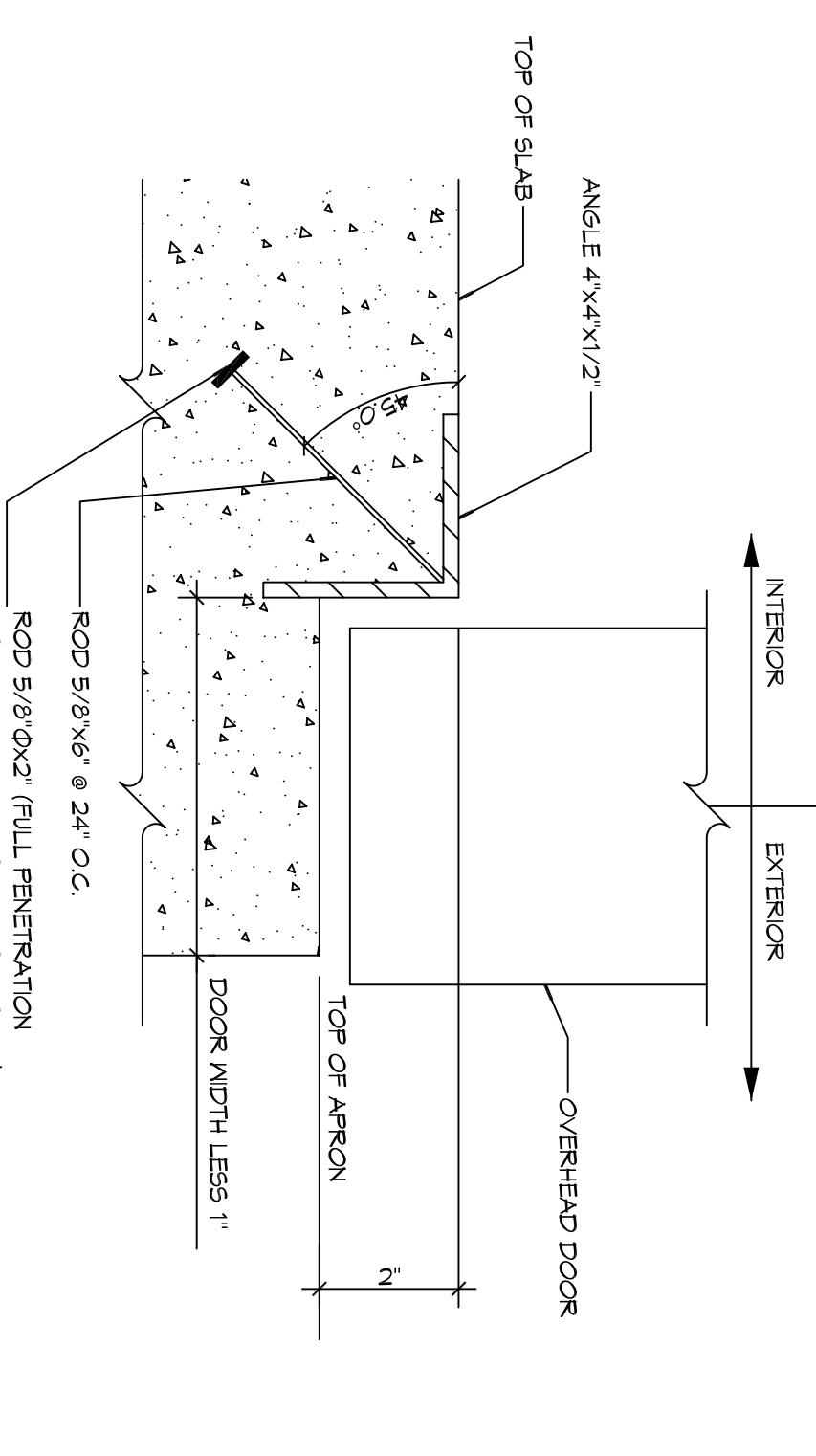
4 BOLLARD DETAIL
SCALE: 1" = 1'-0"



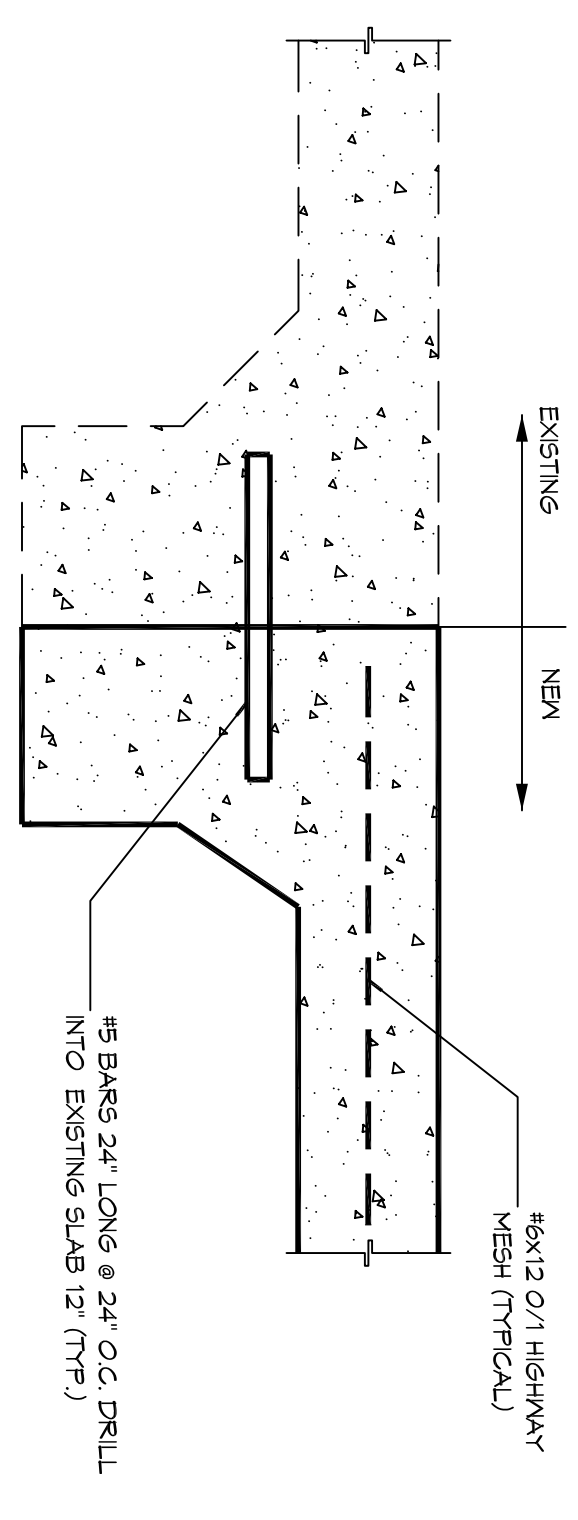
6 FOUNDATION DETAIL
SCALE: 1" = 1'-0"



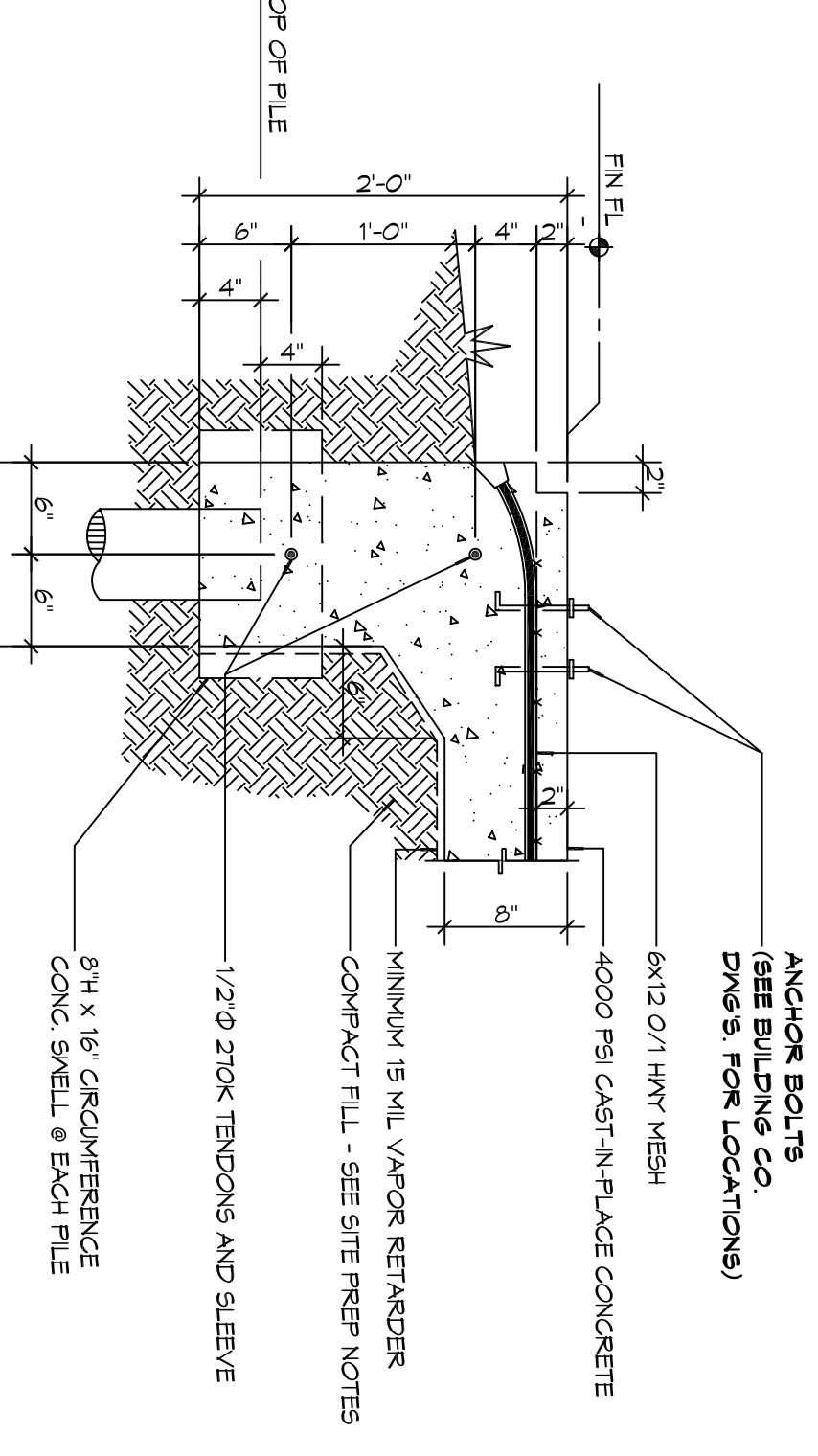
5 FOUNDATION DETAIL
SCALE: 1" = 1'-0"



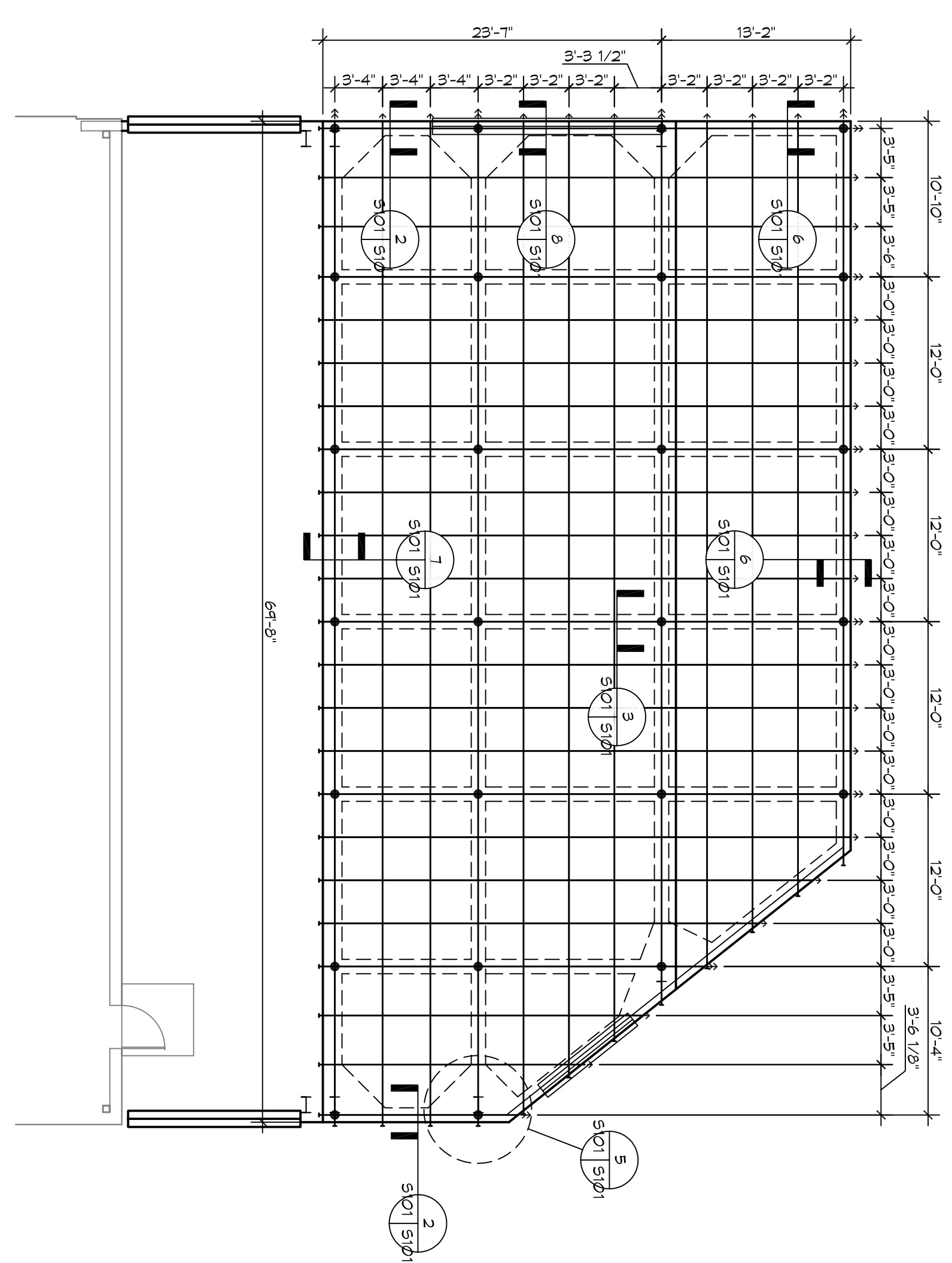
8 FOUNDATION DETAIL
SCALE: 1" = 1'-0"



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



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



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

- ### GENERAL NOTES
- THE CONCRETE FINISHER SHALL ENSURE THAT THE AREAS TO RECEIVE A FINISHED GRADE MEET THE FINISH CRITERIA IN ACCORDANCE WITH SPECIFICATIONS.
 - ALL DIMENSIONS ARE EDGE OF CONCRETE (EOC) TO EDGE OF CONCRETE (EOC) UNLESS NOTED OTHERWISE.
 - VERIFY ALL PLACING EQUIPMENT LOCATIONS ON SHEET P101.4 ELECTRICAL ROOMS LOCATIONS ON SHEET P101.5
 - CONCRETE MIX SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI AT 28 DAYS. CONCRETE MIX SHALL BE IN ACCORDANCE WITH AC-318.
 - ALL CONVENTIONAL REINFORCING STEEL SHALL MEET ASTM-A615 (GRADE 60).
 - ONE LAYER OF POLYETHYLENE VAPOR BARRIER SHALL BE PLACED UNDER ALL CONCRETE. VAPOR RETARDER TO BE MINIMUM 15 MIL THICKNESS, ASTM E 1745 CLASS A PERFORMANCE LESS THAN 0.01 PERMS. EQUAL TO STEGO INDUSTRIAL STEGO MAP ECOSHIELD-E 15 MIL BY PRO OR ROMBAR 15 BY FLATIRON FILMS. PROVIDE APPROPRIATE ACCESSORIES FOR A COMPLETE SYSTEM.
 - ALL REINFORCING STEEL AND MESH SHALL BE SECURELY SUPPORTED TO CONCRETE PLACEMENT.
 - THE WORKMAN SHALL VERIFY ALL PROPS, OFFSETS, BRICK LEGS, RESPONSIBLE FOR SAME.
 - GRADE BEAM DIMENSIONS MAY VARY BY -5% -20%.
 - NEW SPREAD CONCRETE FOOTINGS AND CONTINUOUS FOOTINGS BEARING ON COMPACTED STRUCTURAL FILL AT LEAST 3 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.
 - ALL SOIL BELOW SLAB SHALL RECEIVE TREATMENT IN ACCORDANCE WITH SPECIFICATIONS.
 - ALL REINFORCING BAR SPICES 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 OF DIFFERENT DIAMETERS. THE OVERLAP SHALL BE AT LEAST 12 INCHES FROM THE END OF EACH BAR.
 - ALL SOIL BELOW SLAB SHALL RECEIVE TREATMENT IN ACCORDANCE WITH SPECIFICATIONS.
 - ALL REINFORCING BAR SPICES 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 OF DIFFERENT DIAMETERS. THE OVERLAP SHALL BE AT LEAST 12 INCHES FROM THE END OF EACH BAR.
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GENERAL NOTES

- THE GC SHALL EMPLOY A GEOTECHNICAL ENGINEER TO MONITOR SITE CONDITIONS DURING THE PREP WORK OF THE SITE FOUNDATION. REMOVE EXISTING NEAR SURFACE MATERIALS (ORGANICS AND OTHER DELETABLES) TOP SOIL WITH ORGANICS AND OTHER DELETABLES MATERIALS PERMANENTLY TO 10" MINIMUM TO COVER THE GEOTECHNICAL ENGINEER'S DESIGN. THE EXISTING SURFACE OF 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 RUIT 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 FINISHED GRADE. THE CONTENT VALUE IF WATER MUST BE ADDED. IT SHALL BE UNIFORMLY 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.
- ALL RUNOFF WATER MUST BE CARRIED AWAY FROM THE SLAB TO PREVENT SATURATION OF THE SLAB.
- ALL TREES WITHIN CLOSE PROXIMITY SHALL BE REMOVED TO PREVENT THE ROOTS FROM EXTENDING UNDER THE SLAB.
- PROVIDE AND MAINTAIN IMMEDIATE SITE DRAINAGE BEFORE DIRTING AND AFTER CONSTRUCTION. PROVIDE GRADING, SWELLS, AND SIMP PIPES 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 RAINING AND DRINKING. EXCAVATIONS SHOULD 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, THEY SHOULD BE PROTECTED TO REDUCE EVAPORATION OR ENTRY OF MOISTURE.

FOUNDATION STATISTICS

FOUNDATION AREA:	4,324 SF
ENCLOSED BUILDING AREA -	134 SF
OPEN BUILDING AREA -	4,190 SF
TOTAL FOUNDATION FOOTPRINT -	4,324 SF

LEGEND

- SINGLE TENDON
- DOUBLE TENDON
- (STAKED VERTICALLY)

DAMMON ENGINEERING, INC.

LOUISIANA & MISSISSIPPI

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

www.dammonengineering.com
info@dammonengineering.com
PH: 985.649.5832 F: 985.641.5950

#	DESCRIPTION	DATE

BUILDING ADDITION FOR
HOTEL BUS GROUP

56396 FRANK PICHON RD.
SLIDELL, LA 70458

JOB No: 22177 DATE: 3/2/2016

DRAWN BY: JHM CHECKED BY: [Signature]

SHEET TITLE: FOUNDATION PLAN

DRAWING NUMBER: **5101**

SHEET NO: 5 of 8