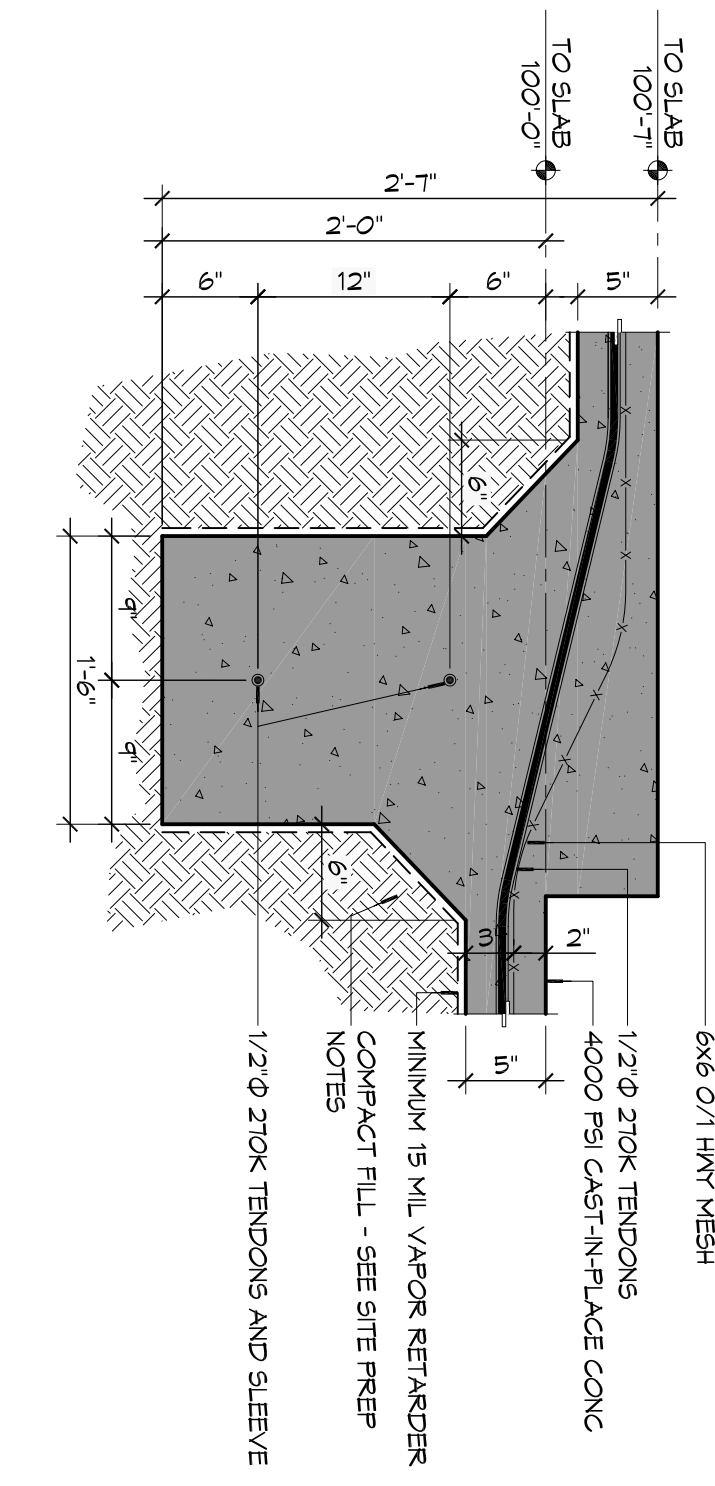
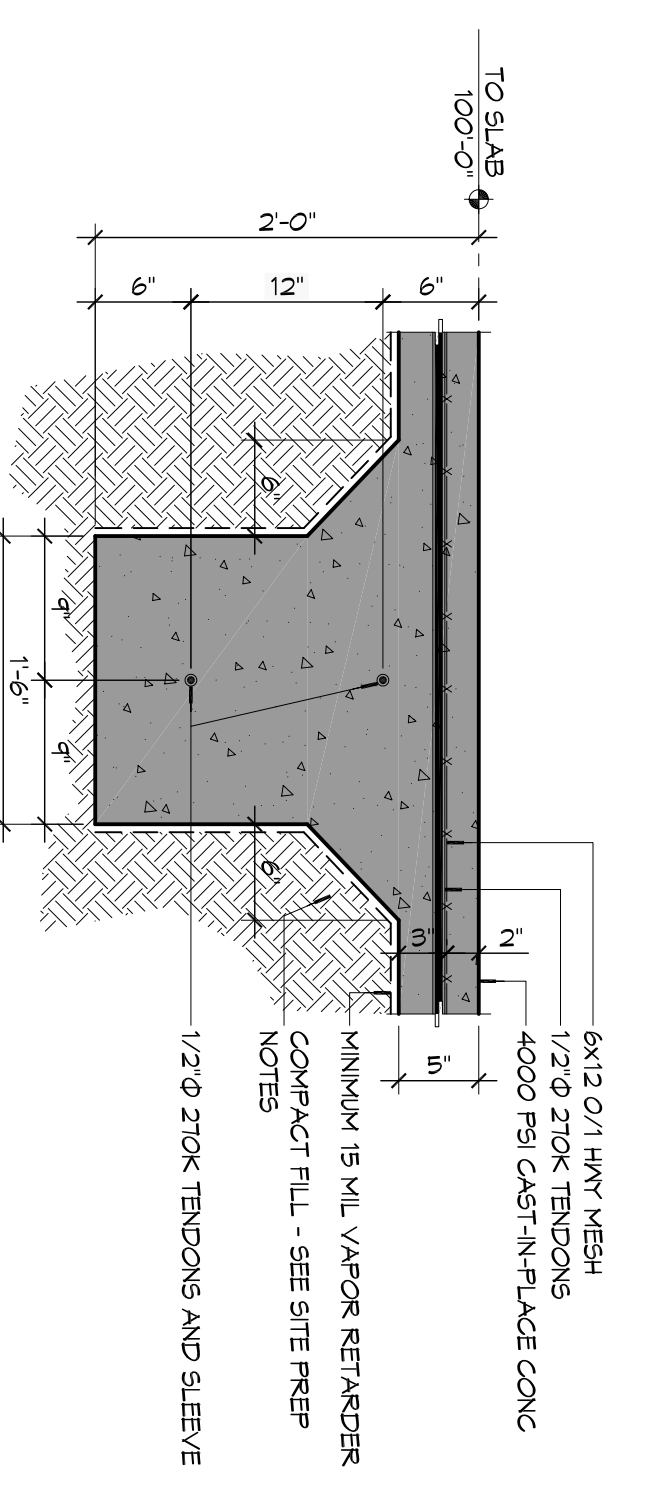


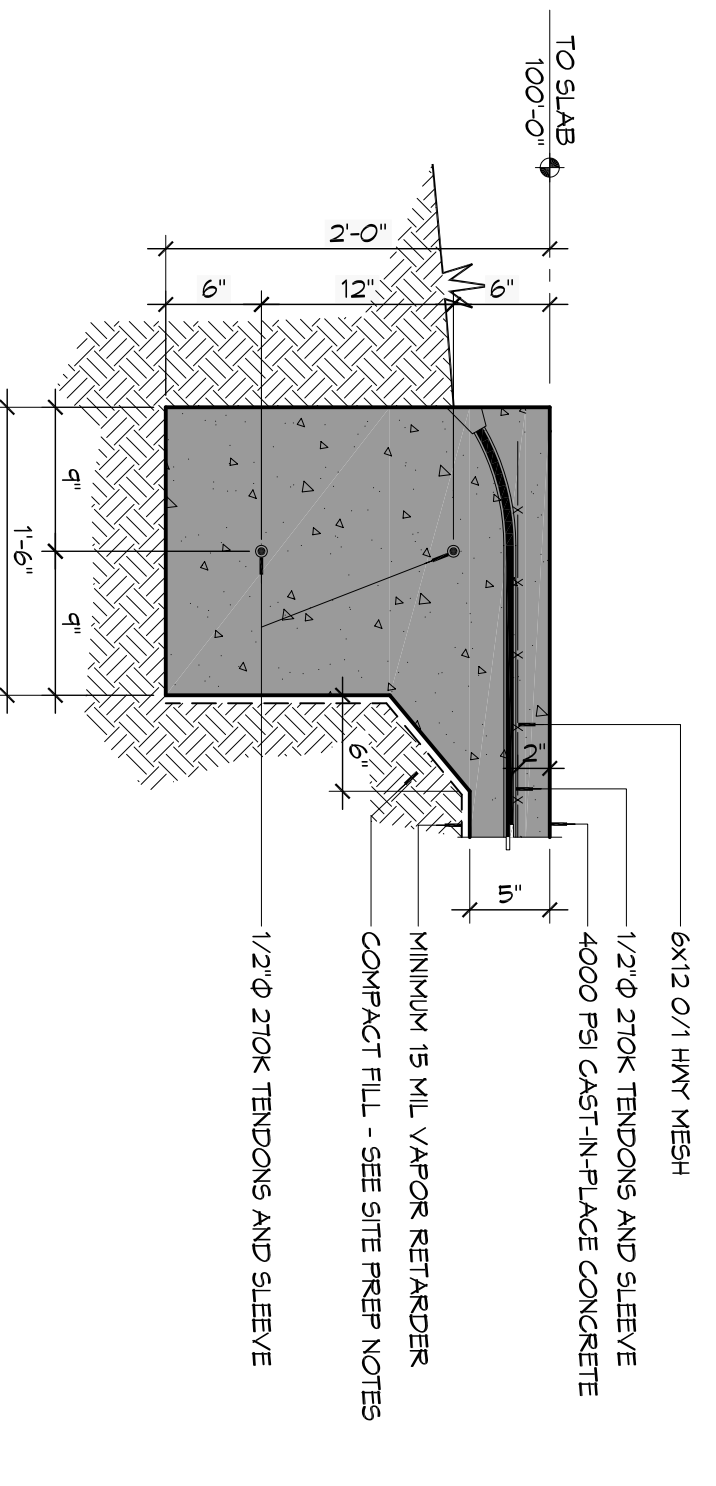
NOTE:
FINISH CONCRETE MORTAR PATCH AT
ALL CABLE ANCHORS AFTER FINAL
TIGHTENING.



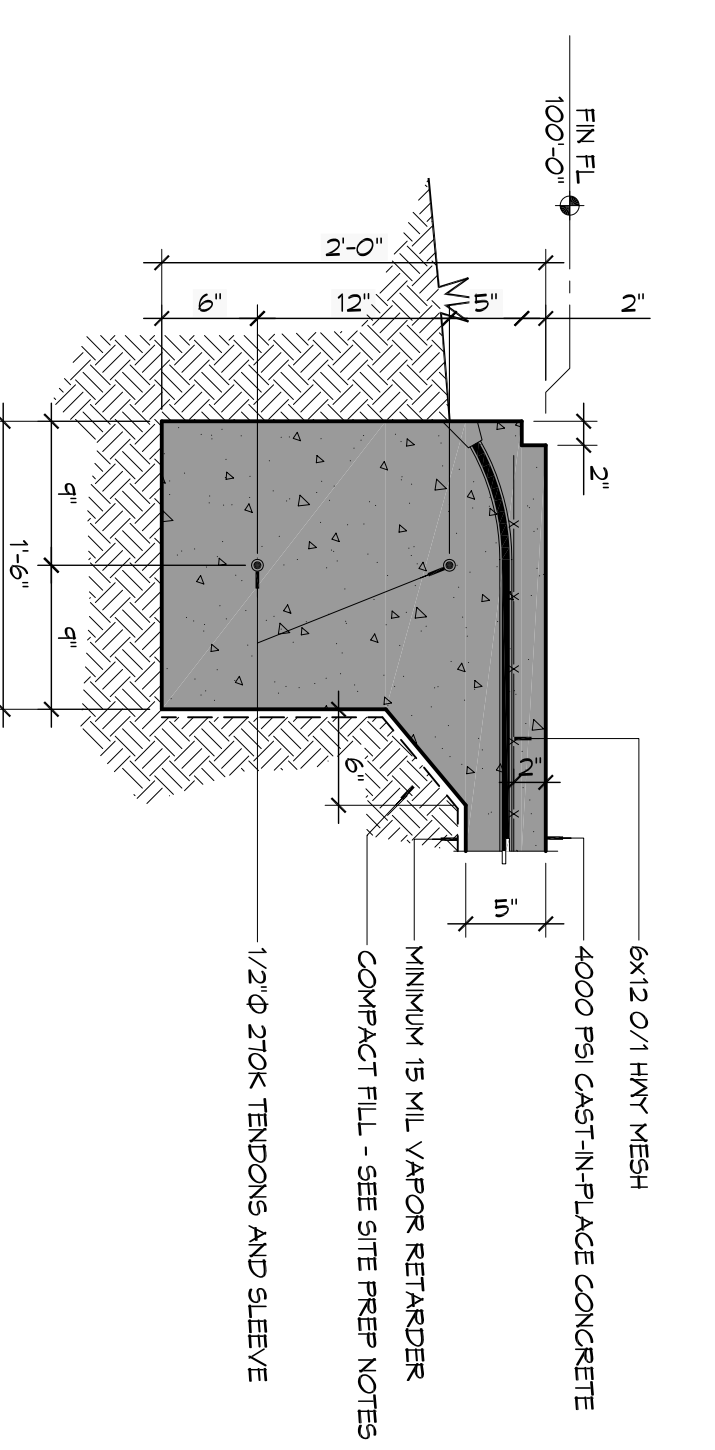
7 FOUNDATION DETAIL
SCALE: 1/4" = 1'-0"



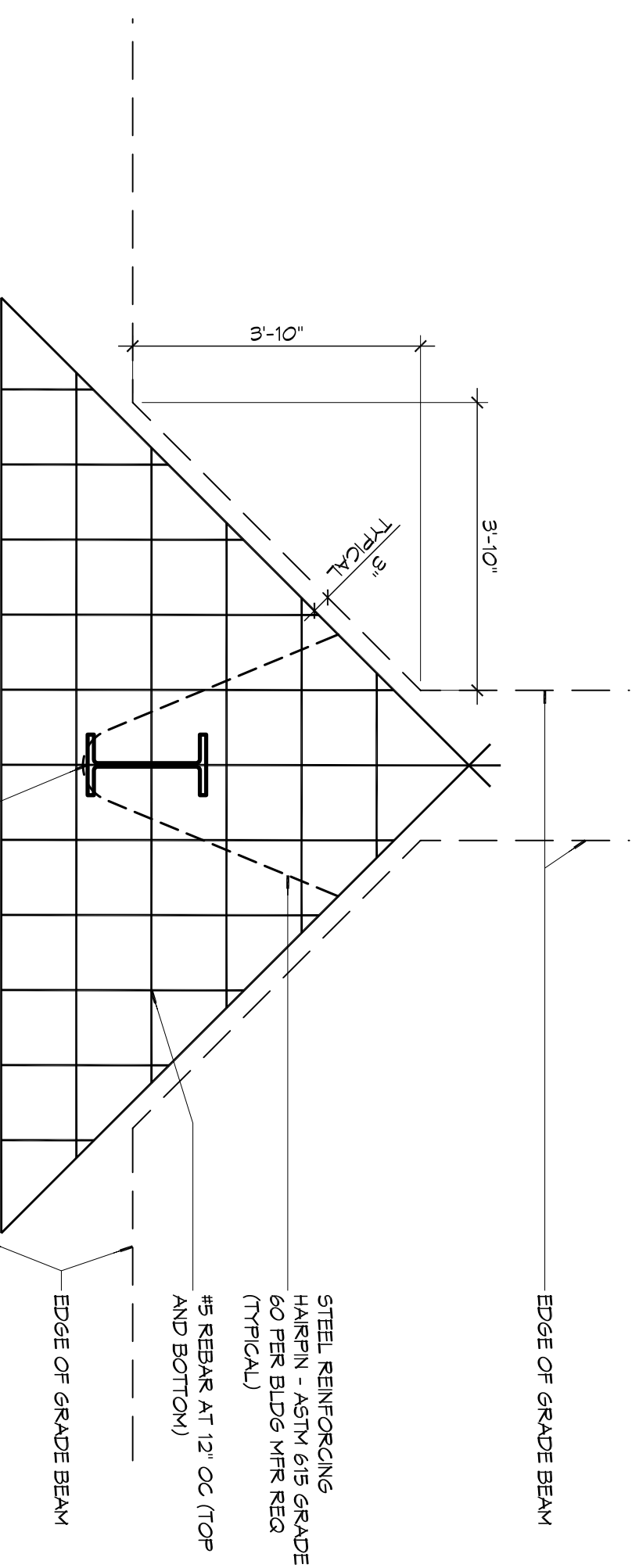
6 FOUNDATION DETAIL
SCALE: 1/4" = 1'-0"



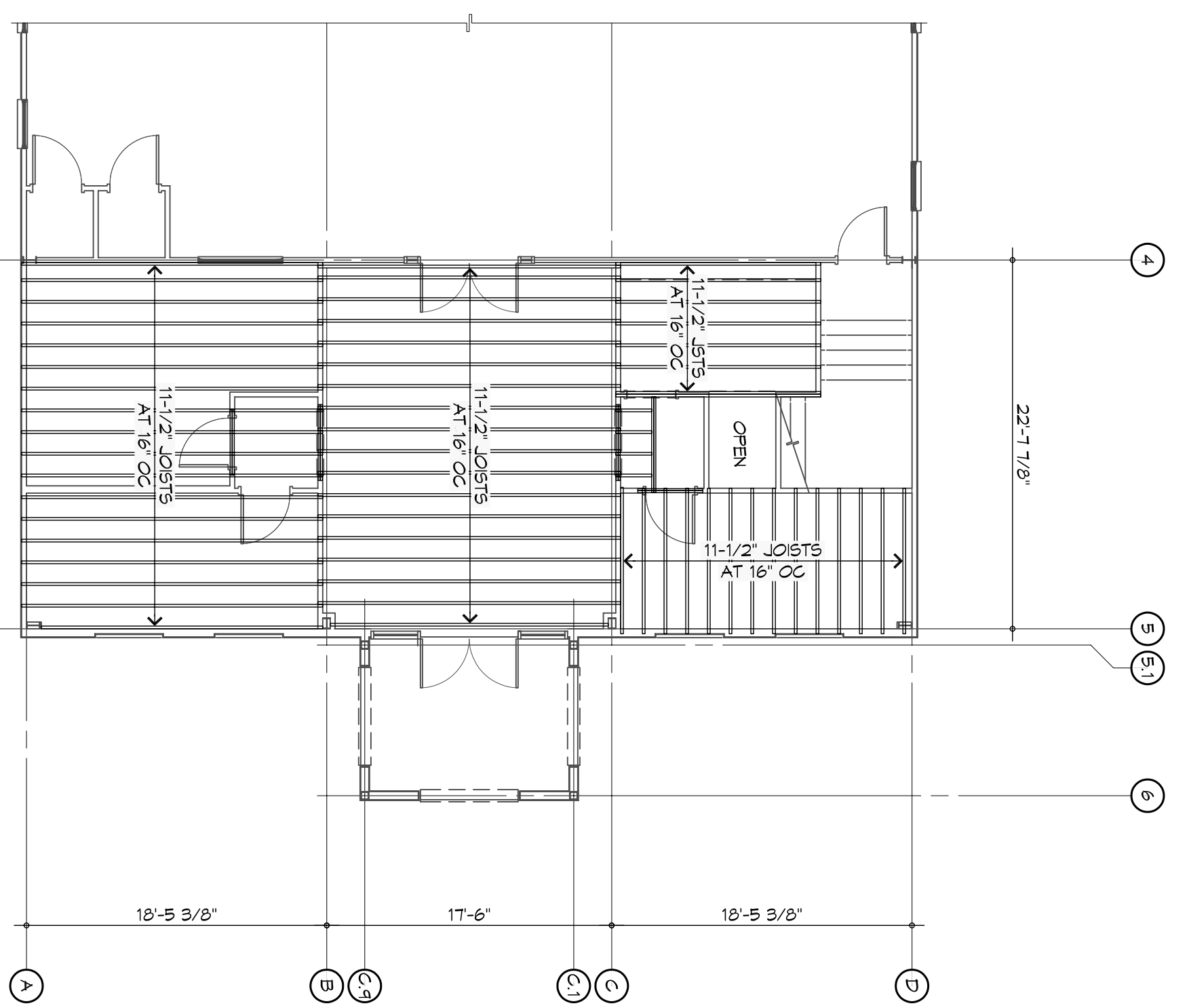
3 FOUNDATION DETAIL
SCALE: 1/4" = 1'-0"



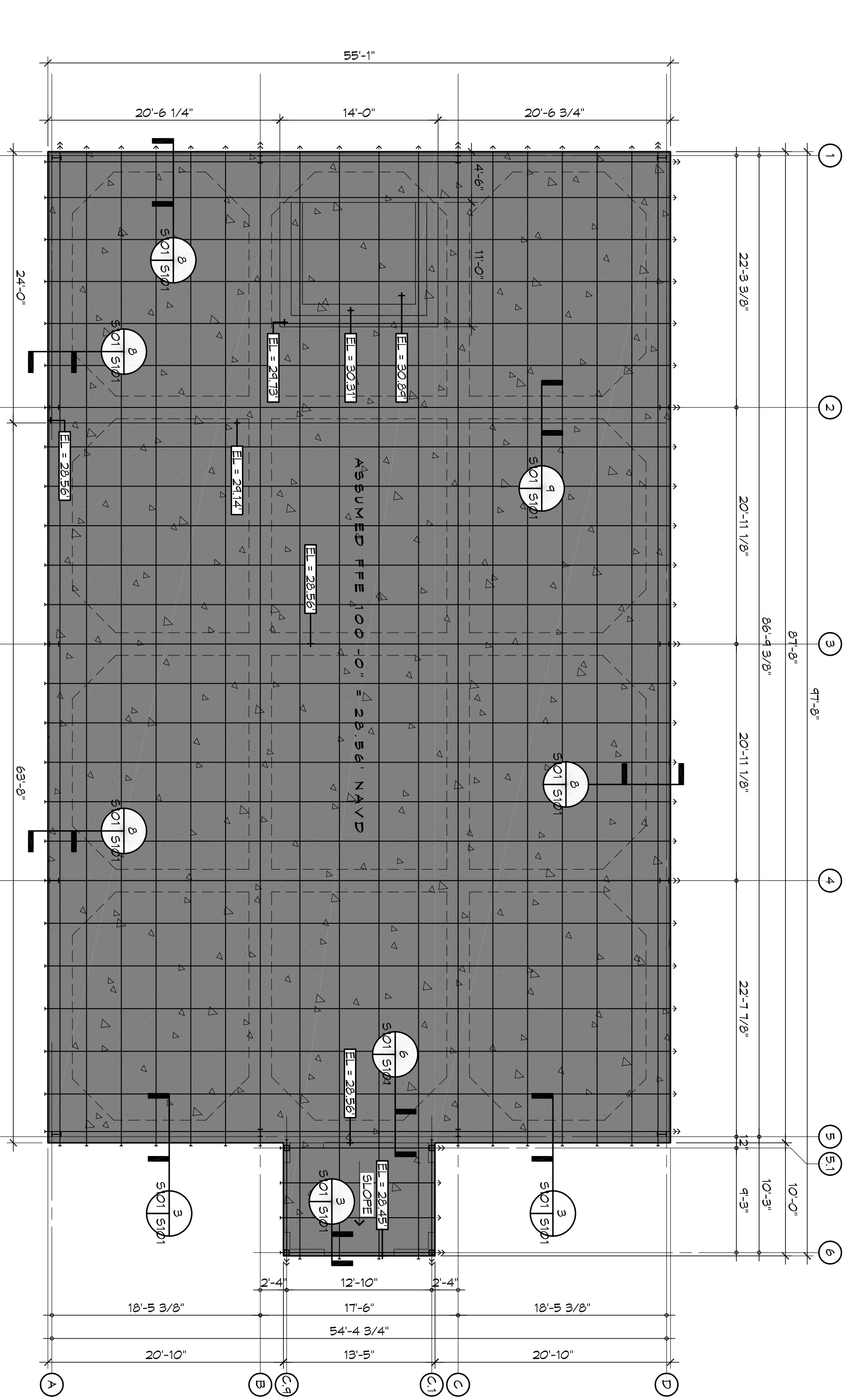
8 FOUNDATION DETAIL
SCALE: 1/4" = 1'-0"



5 FOUNDATION DETAIL
SCALE: 1/4" = 1'-0"



4 FLOOR FRAMING PLAN
SCALE: 1/8" = 1'-0"



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

GENERAL NOTES

1. THE CONCRETE FINISHER SHALL ENSURE THAT THE AREAS TO RECEIVE A POLISHED CONCRETE FINISH SHALL MEET THE FLOOR FINISHNESS/LEVELNESS CRITERIA IN ACCORDANCE WITH SPECIFICATIONS. ALL DIMENSIONS ARE EDGE OF CONCRETE (EOC) TO EDGE OF CONCRETE (EOC) UNLESS NOTED OTHERWISE.
2. VERIFY ALL FINISHING ROUGH-IN LOCATIONS ON SHEET P101 & ELECTRICAL ROUGH-IN LOCATIONS ON SHEET E101.
3. CONCRETE MIX SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI AT 28 DAYS. CONCRETE MIX SHALL BE IN ACCORDANCE WITH ACI-318.
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 RETARDER TO BE MINIMUM 15 MIL. EQUAL TO 20 MIL. THICKNESS. POLYETHYLENE VAPOUR BARRIER SHALL BE 15 MIL. THICK OR ROBBER 15 BY FLATIRON FILMS. PROVIDE APPROPRIATE ACCESSORIES FOR A COMPLETE SYSTEM.
6. ALL REINFORCING STEEL AND WESH SHALL BE SECURELY SUPPORTED TO PREVENT BOTH VERTICAL AND HORIZONTAL WORKMENT DURING CONCRETE PLACEMENT.
7. THE CONTRACTOR SHALL VERIFY ALL DROPS, OFFSETS, BRICK LEDGES, DIMENSIONS AND CONFIGURATIONS. CONTRACTOR MUST BE RESPONSIBLE FOR SAME.
8. GRADE BEAM DIMENSIONS MAY VARY BY -5% - +20%.
9. NEW SPREAD CONCRETE FOOTINGS AND CONTINUOUS FOOTINGS, BEARING ON COMPACTED STRUCTURAL FILL AT LEAST 2 FEET BELOW FINISHED GRADE SHOULD BE DESIGNED FOR MINIMUM NET ALLOWABLE BEARING CAPACITIES OF 1200 PSF AND 2000 PSF RESPECTIVELY.
10. ALL SOILS BELOW SLAB SHALL RESISTIVE TREATMENT IN ACCORDANCE WITH SPECIFICATIVE REQUIREMENTS IN ACI-318.
11. ALL REINFORCING BARS SHALL HAVE AN OVERLAP DIMENSION OF NOT LESS THAN 30 TIMES THE REINFORCING BARS DIAMETERS WHERE REINFORCING BARS OF DIFFERENT DIAMETERS MEET. USE THE LARGER OF THE TWO BARS TO DETERMINE THE SPICE LENGTH. THE BARS SHALL BE SPACED NOT MORE THAN 6" OC AND NOT LESS THAN 5" FROM BAR ENDS. DO NOT PLACE SPICES WITHIN THREE (3) FEET OF STRUCTURAL COLUMNS.
12. 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 TIRE 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.

GENERAL SITE PREPARATION 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 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 TIRE 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) 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 DRUMMING OR SCRAPING. 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 COMPACTATION 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 SUB-BASE.
4. ALL TREES WITHIN CLOSE PROXIMITY SHALL BE REMOVED TO PREVENT THE ROOTS FROM EXTENDING UNDER THE SLAB.
5. PROVIDE AND MAINTAIN INADEQUATE SITE DRAINAGE BEFORE, DURING, AND AFTER CONSTRUCTION. PROVIDE GRADING, SWELLS, AND SINKS. PAVING MAY NOT BE RECORDED TO INADEQUATE DRAINAGE. ALL SINKS BE OBSERVED AND CONCRETE 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 FLOOD FLOOR OR AFTER CONCRETE PLACEMENT. IF IT IS REQUIRED THAT A FOOTING EXCAVATION BE LEFT OPEN FOR MORE THAN ONE DAY, THERE SHOULD BE MEANS TO REDUCE EVAPORATION OR SEVERITY OF MOISTURE.

FOUNDATION STATISTICS

FOUNDATION AREA -	4,224 SF
ENCLOSED BUILDING AREA -	134 SF
OPEN BUILDING AREA -	4,090 SF
TOTAL FOUNDATION FOOTPRINT -	4,224 SF

LEGEND

- SINGLE TENDON
- DOUBLE TENDON
- (STAKED VERTICALLY)

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# DESCRIPTION	

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JOB No: 2250 DATE: SEPTEMBER 9, 2015
DRAWN BY: K.K. CHECKED BY: DDP
SHEET TITLE: FOUNDATION PLAN AND DETAILS, FLOOR FRAMING PLAN
DRAWING NUMBER: 5101

SHEET No: 6 OF 13