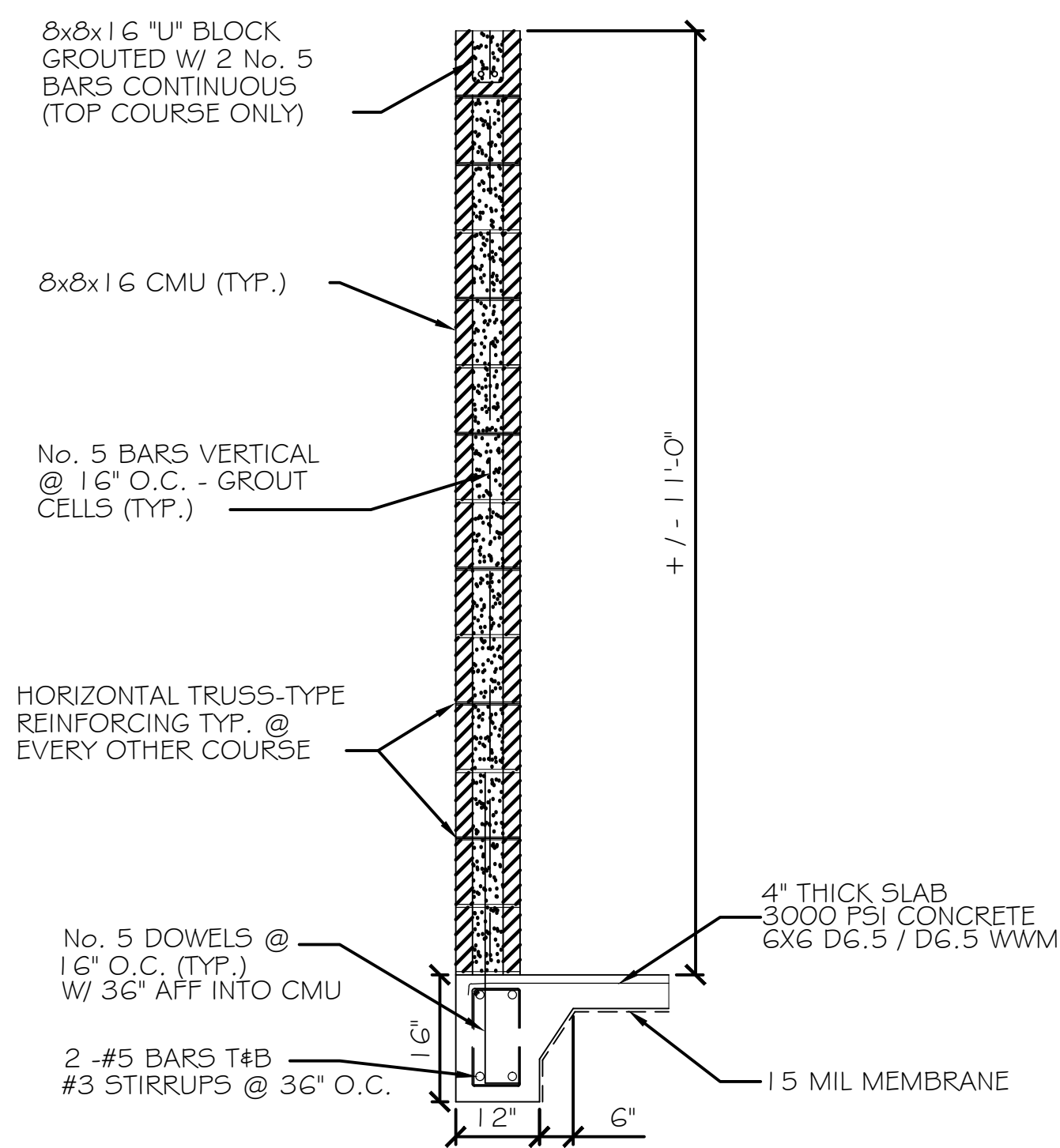
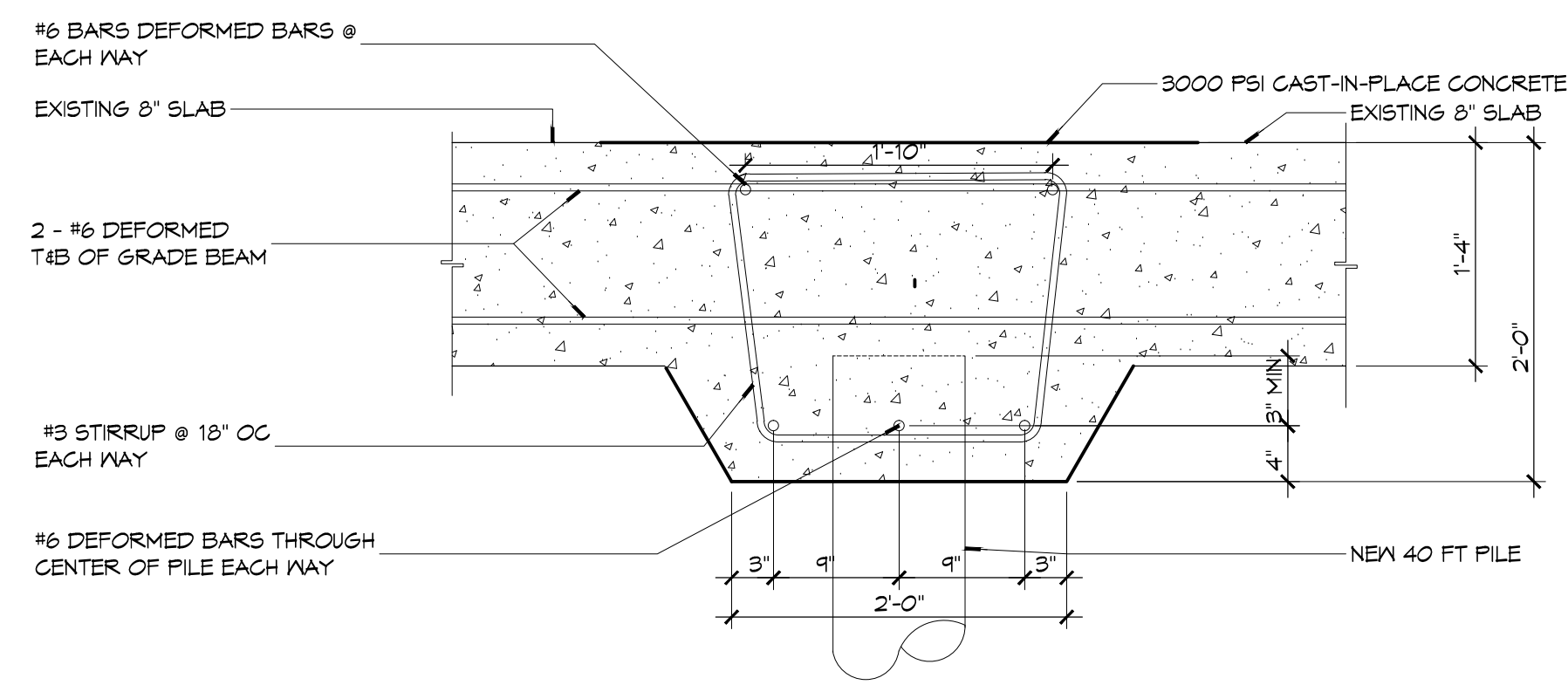


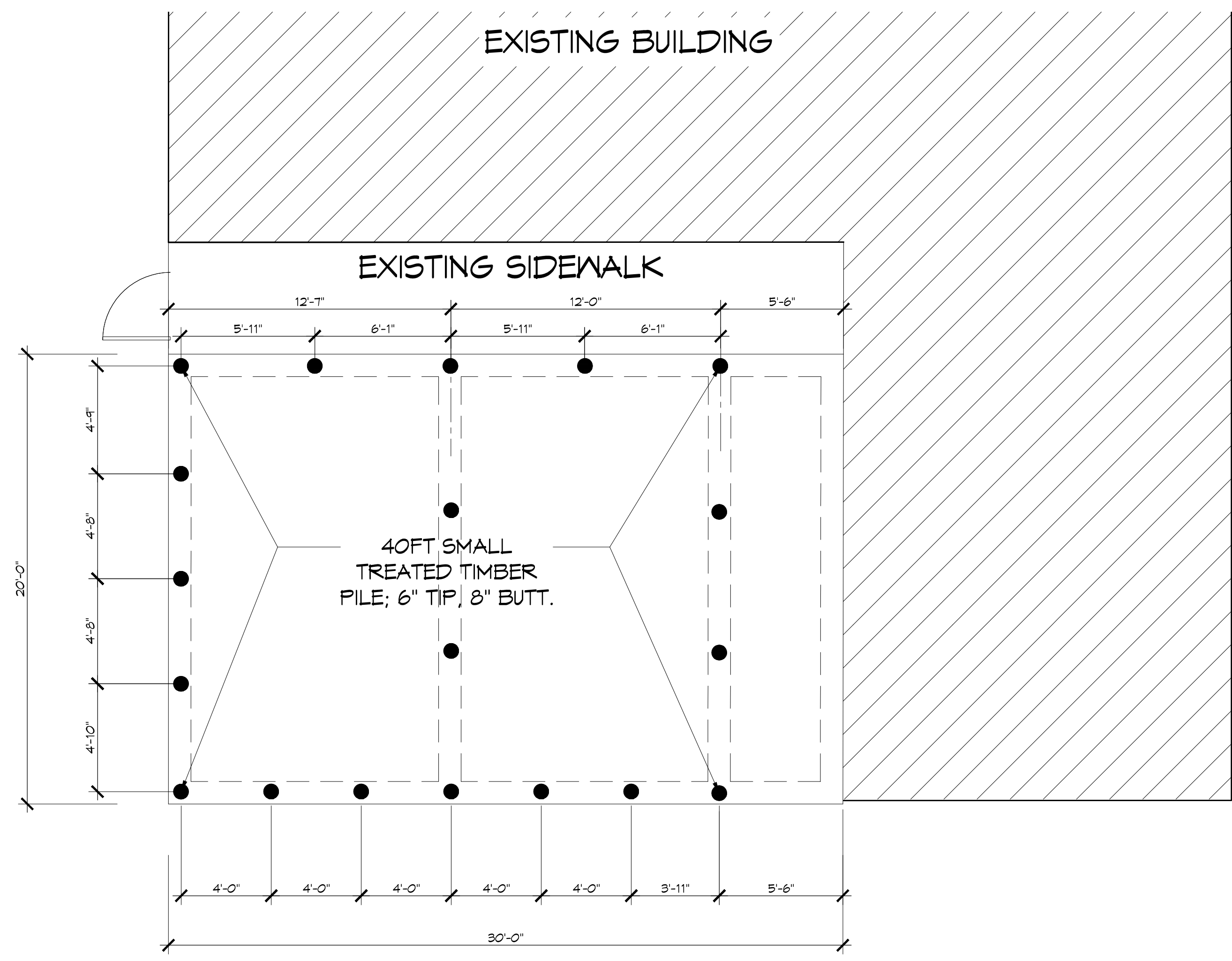
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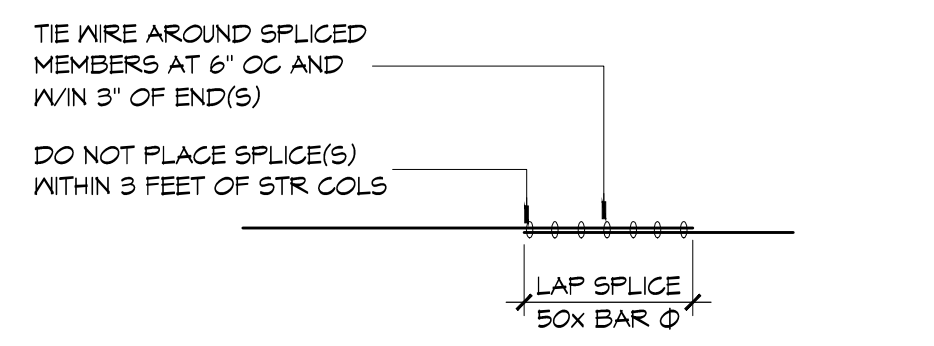
3 DETAIL
SCALE: N.T.S.



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



1 FOUNDATION PLAN
SCALE: 1/4" = 1'-0"



2 DETAIL
SCALE: N.T.S.

GENERAL FOUNDATION NOTES

- PILING NOTES:**
- ALL PILES SHALL BE PRESSURE-TREATED ROUND TIMBER PILES CONFORMING TO ASTM D25. OVERALL.
 - PILE SHALL BE A SMALL TREATED TIMBER PILE (6" TIP - 8" BUTT) WITH A LENGTH OF 40 FEET.
 - PILE CAPACITY HAS A DESIGN LOAD OF 2 1/2 TONS COMPRESSION PER THE SUBSOIL INVESTIGATION BY PSI DATED MAY 19, 2015.
 - CONTRACTOR SHALL USE THE SUGGESTED DROP HAMMER AS CALLED FOR IN THE SOIL REPORT WHEN DRIVING PILES.
 - HEAVED PILES: REDRIVE HEAVED PILES TO TIP ELEVATION AT LEAST AS DEEP AS ORIGINAL TIP ELEVATION WITH A DRIVING RESISTANCE AT LEAST AS GREAT AS ORIGINAL DRIVING RESISTANCE.
 - TREAT ALL FIELD CUTS, HOLES OR OTHER PENETRATIONS INTO PILING IN ACCORDANCE WITH ANPA M4, FIELD APPLIED WOOD PRESERVATIVE.
 - MARK EACH PILE WITH HORIZONTAL LINES AT 12 INCH INTERVALS, LABEL THE DISTANCE FROM PILE TIP AT 60 INCH INTERVALS.
 - CONTRACTOR SHALL NOTIFY THE ENGINEER AT LEAST 48 HOURS PRIOR TO PILE DRIVING SO THAT ENGINEER MAY OBSERVE PILE DRIVING.
 - CONTRACTOR SHOULD PERFORM A VERY DETAILED PRE-CONSTRUCTION SURVEY OF THE EXISTING BUILDING AND DOCUMENT ALL VISIBLE DEFECTS, CRACKS, ANOMALIES AND ISSUES THAT COULD BE AFFECTED OR INFLUENCED BY ADJACENT CONSTRUCTION ACTIVITY. USE STILL PHOTOS AND VIDEO FOR THE SURVEY.
 - CONTRACTOR SHALL INSTALL VIBRATION MONITORING UTILIZING A PORTABLE SEISMOGRAPH AND ACCELEROMETERS CALIBRATED IN THE EXPECTED VIBRATION RANGE OF THE ACTIVITY.

- FOUNDATION NOTES**
- THE CONCRETE MIX SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI AT 28 DAYS. CONCRETE MIX SHALL BE IN ACCORDANCE WITH ACI-318.
 - ALL CONVENTIONAL REINFORCING STEEL SHALL MEET ASTM-A615 (GRADE 60).
 - ALL REINFORCING STEEL AND MESH SHALL BE SECURELY SUPPORTED TO PREVENT BOTH VERTICAL AND HORIZONTAL MOVEMENT DURING CONCRETE PLACEMENT.
 - PROVIDE AND MAINTAIN IMMEDIATE SITE DRAINAGE BEFORE, DURING, AND AFTER CONSTRUCTION. PROVIDE GRADING, SHELLS, AND SUMP PUMPS AS MAY BE REQUIRED TO IMMEDIATELY DRAIN ALL RAINWATER FROM THE CONSTRUCTION AREA. FOOTING EXCAVATIONS SHALL BE OBSERVED AND CONCRETE PLACED AS QUICKLY AS POSSIBLE TO AVOID EXPOSURE OF THE FOOTING BOTTOMS TO WETTING AND DRYING. STANDING WATER SHALL NOT BE ALLOWED TO SOAK INTO THE FOOTINGS. SURFACE RUNOFF WATER SHALL BE DRAINED AWAY FROM THE EXCAVATIONS AND NOT BE ALLOWED TO POND PRIOR OR AFTER CONCRETE PLACEMENT. IF IT IS REQUIRED THAT A FOOTING EXCAVATIONS BE LEFT OPEN FOR MORE THAN ONE DAY, THEY SHOULD BE PROTECTED TO REDUCE EVAPORATION OR ENTRY OF MOISTURE.
 - WHEN INSTALLING POST INSTALLED ANCHORS, USE SIMPSON ET-HP EPOXY ANCHORING ADHESIVE.

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SEAL:

PRELIMINARY NOT FOR CONSTRUCTION

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JOB No: [] DATE: [] DATE: [] DATE: [] DATE: []
DRAWN BY: [] CHECKED BY: [] DFP DFP DFP DFP

SHEET TITLE:
FOUNDATION PLAN AND DETAILS

DRAWING NUMBER:
S101

SHEET No: 4 of 4