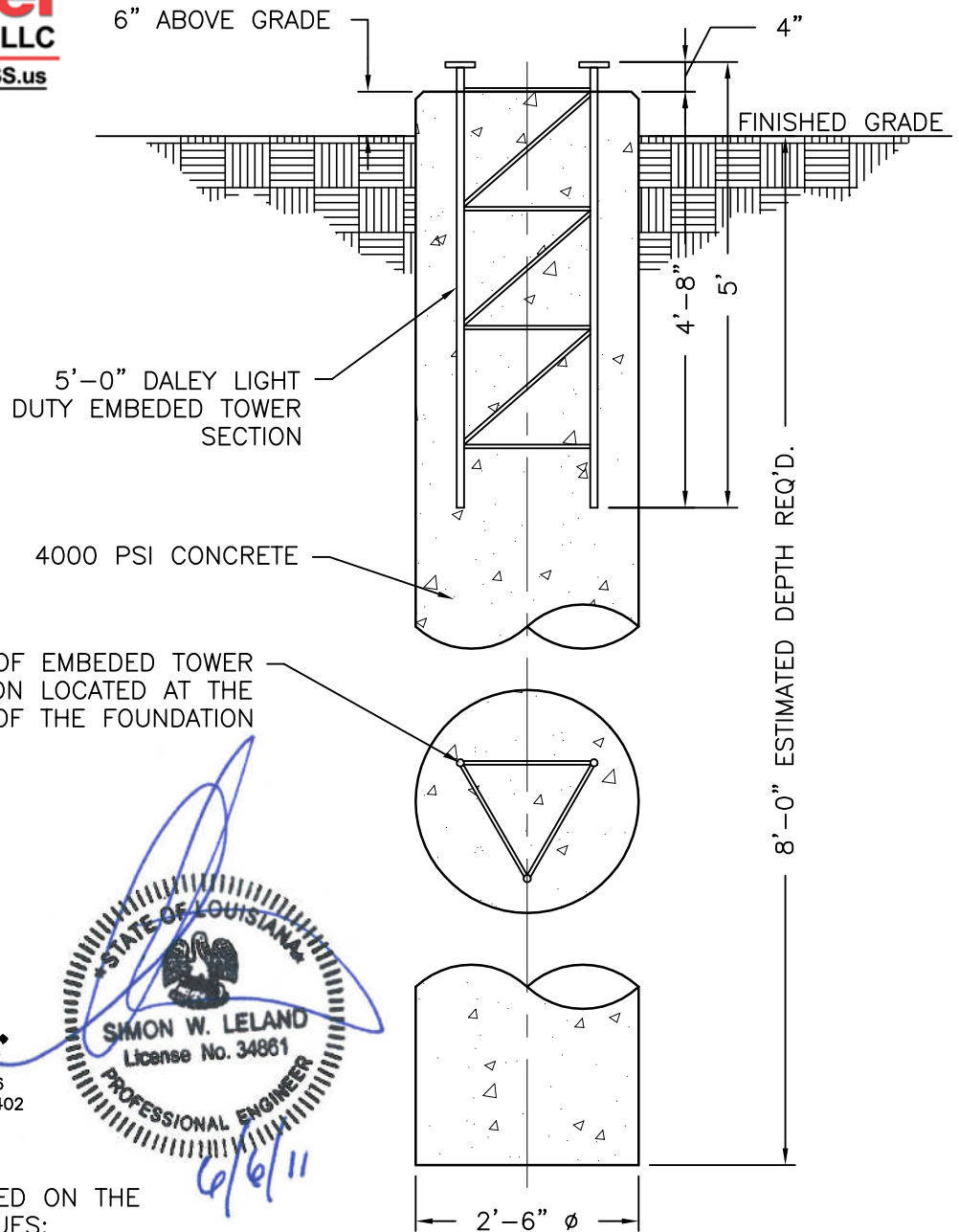


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DaVinci Engineering, Inc.

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TYPICAL FOUNDATION NOTES:

1. FOUNDATION DESIGN IS BASED ON THE FOLLOWING ASSUMED SOIL VALUES:
UNIT WEIGHT OF SOIL: 100 PCF
ALLOWABLE BEARING CAPACITY: 2000 PSF
ALLOWABLE LATTERAL LOAD: 200 PSF/FT DEPTH
GROUND WATER BELOW THE DEPTH OF THE CAISSON

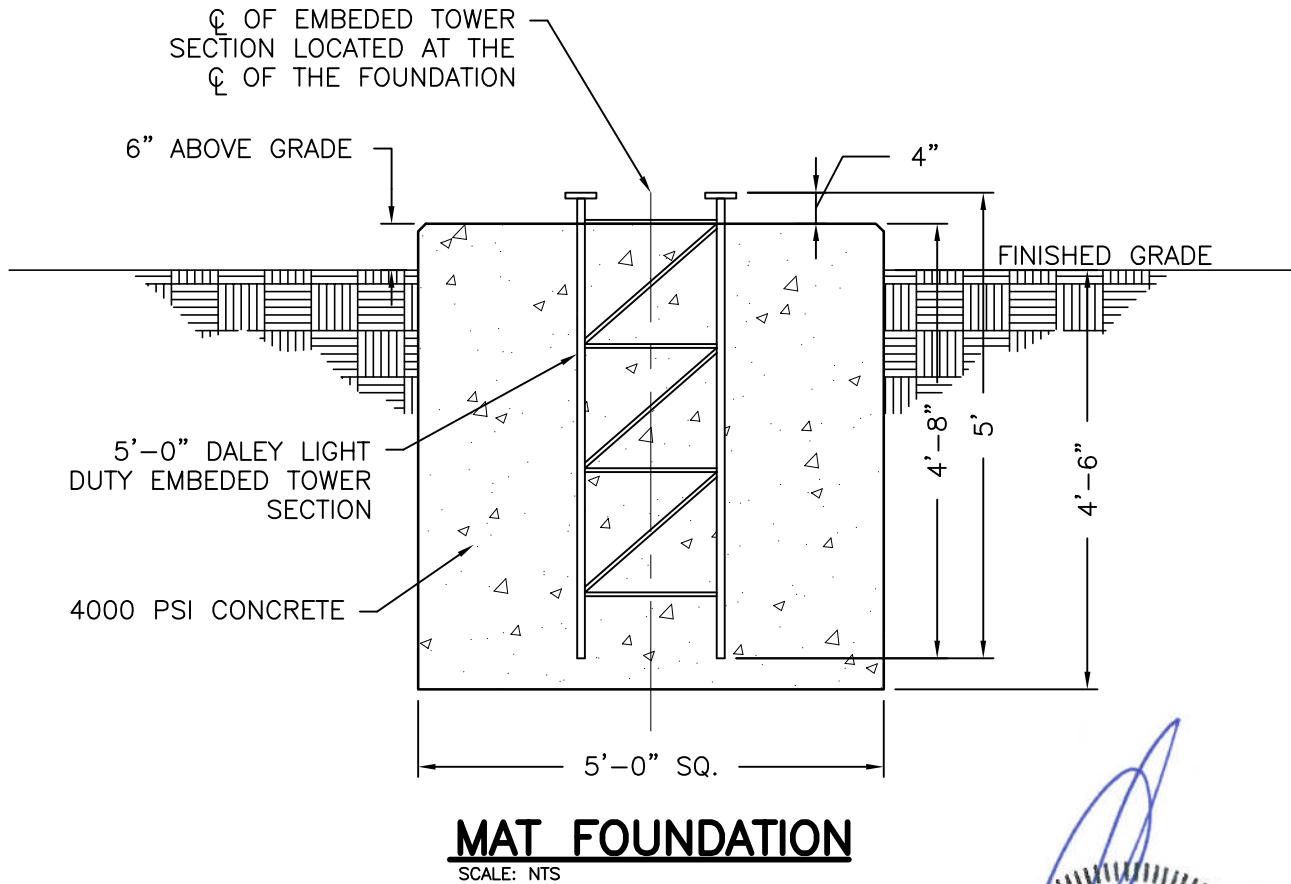
2. ALL FOUNDATION CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI WITHIN 28 DAYS OF PLACEMENT. PROPORTIONING OF THE CONCRETE MIX SHALL BE DESIGNED BY AN APPROVED LABORATORY. ALL CONCRETE CONSTRUCTION SHALL BE IN ACCORDANCE WITH ACI 318, "THE BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE", LATEST EDITION. CEMENT SHALL BE TYPE II, LOW ALKALI, CONFORMING TO ASTM C-150. ALL AGGREGATE USED IN THE CONCRETE SHALL CONFORM TO ASTM C-33. USE ONLY AGGREGATES KNOWN NOT TO CAUSE EXCESSIVE SHRINKAGE.

3. ESTIMATED CONCRETE VOLUME = 1.5 CUBIC YARDS.

4. THE FOUNDATION HAS BEEN DESIGNED TO RESIST THE FOLLOWING FACTORED LOADS:
OVERTURNING MOMENT: 26,000 FT*LBS; SHEAR: 750 LBS; AXIAL: 1200 LBS.

CAISSON FOUNDATION

SCALE: NTS



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3. ESTIMATED CONCRETE VOLUME = 4.7 CUBIC YARDS.

4. THE FOUNDATION HAS BEEN DESIGNED TO RESIST THE FOLLOWING FACTORED LOADS:
 OVERTURNING MOMENT: 26,000 FT*LBS; SHEAR: 750 LBS; AXIAL: 1200 LBS.

