



FOUNDATION NOTES

1. CONCRETE DESIGN IS BASED UPON A CONCRETE MIX HAVING A MINIMUM CALCIUM HYDROXIDE PERCENTAGE OF 10% AND A MINIMUM COMPRESSIVE STRENGTH OF 3000 P.S.I. AT 28 DAYS. CONCRETE DESIGN MIX SHALL BE IN ACCORDANCE WITH THE A.C.I. BUILDING CODE REQUIREMENTS (A.C.I. 318-77).
2. CONCRETE TO HAVE A MINIMUM COMPRESSIVE STRENGTH OF 1500 P.S.I. AT THE TIME OF STRESSING.
3. ALL CONVENTIONAL REINFORCING STEEL SHALL BE ASTM DESIGNATION A-615 (GRADE 60) REINFORCING AND SHALL BE DETAILED AND ACCESSORIES PROVIDED IN ACCORDANCE WITH THE LATEST A.C.I. MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES.
4. ALL PRESTRESSING STEEL SHALL CONSIST OF SEVEN-WIRE STRESS RELIEVED STRINGS. ALL PRESTRESSING STRINGS SHALL BE TESTED WITH A PERMANENT RUST PREVENTATIVE LUBRICANT AND A PLASTIC SHEATH.
5. REINFORCEMENT SHALL HAVE 2" COVER IN GRADE BEAM BOTTOMS, 2" COVER IN BEAM SIDES AND TOPS, AND 1 1/2" COVER IN SLAB TOPS AND BOTTOMS, UNLESS OTHERWISE SHOWN.
6. TENDONS AND BARS SHALL BE SECURELY SUPPORTED TO PREVENT BOTH VERTICAL AND HORIZONTAL MOVEMENT DURING PLACING OF CONCRETE.
7. THE CONTRACTOR SHALL VERIFY ALL DROPS, OFF-SETS, BRICK-LEDGES AND BLOCK-OUTS ON ARCHITECTURAL PLANS AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES THAT MAY EXIST.
8. COORDINATE STRUCTURAL DRAWINGS WITH ARCHITECTURAL AND MECHANICAL DRAWINGS FOR ALL OPENINGS, INSERTS AND ANY OTHER RELATED ITEMS IN SLAB.
9. PLANS FOR PILES, CONDUITS, THIMBLES, ETC. TO PASS THROUGH CONCRETE SLAB SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW AND APPROVAL PRIOR TO TAKE PRECEDENCE BETWEEN TENDONS AND REINFORCING TENDON LOCATION IS TO TAKE PRECEDENCE.
10. PROVIDE .006 POLYETHYLENE MEMBRANE UNDER ALL CONCRETE SLABS AND GRADE BEAMS.
11. ALL SECTIONS SHOWN ARE THE SECTIONS AT MID-SPAN OF GRADE BEAMS, UNLESS OTHERWISE SHOWN.
12. THE TENDON LOCATION AT THE END OF GRADE BEAM TO BE A MINIMUM OF 6" FROM THE TIP OF SLAB TO CONCRETE GRAINITY OF TENDONS.
13. TENDONS TO BE STRESSED NO EARLIER THAN 6 DAYS AND NO LATER THAN 14 DAYS AFTER PLACEMENT OF CONCRETE.
14. STRESSING TENDON SHALL BE ANCHORED AT 28.0K PER STRAND, BUT SHALL BE INITIALLY STRESSED TO 33.0K PER STRAND.
15. LOADING OF SLAB PRIOR TO TENSIONING SHALL NOT BE DONE WITHOUT THE APPROVAL AND DIRECTION OF THE SUPERVISING ENGINEER.
16. CURTAINS TO BE PLACED ON ALL LIVE ENDS PRIOR TO PLACEMENT OF CONCRETE.

ON SITE

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FOUNDATION DETAILS

CHARLIE MAXWELL
 OLD SPANISH TRAIL
 SLIDELL, LOUISIANA

SCALE: AS NOTED

FILE: _____

JOB NO. _____

DATE: 12-24-03

SHEET _____

OF _____

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