



FOUNDATION NOTES

- CONCRETE DESIGN IS BASED ON A CONCRETE MIX HAVING A MINIMUM OF 5.0 SACKS OF CEMENT PER CUBIC YARD AND A MAXIMUM OF 30 GALLONS OF WATER PER CUBIC YARD. SUCH A MIX SHOULD GIVE A MINIMUM COMPRESSION STRENGTH OF 3000 PSI AT 28 DAYS. CONCRETE DESIGN MIX SHALL BE IN ACCORDANCE WITH THE A.C.I. BUILDING CODE REQUIREMENTS (A.C.I. 318-77).
 - CONCRETE TO HAVE A MINIMUM COMPRESSIVE STRENGTH OF 1500 PSI AT THE TIME OF STRESSING.
 - ALL CONVENTIONAL REINFORCING STEEL SHALL BE ASTM DESIGNATION A-615 (GRADE 60) REINFORCING AND SHALL BE DETAILED WITH ACCESSORIES PROVIDED IN ACCORDANCE WITH THE LATEST A.C.I. MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES.
 - ALL PRESTRESSING STEEL SHALL CONSIST OF SEVEN-WIRE STRESS RELIEVED STRANDS CONFORMING TO ASTM A-416. MINIMUM ULTIMATE TENSILE STRENGTH SHALL BE 270,000 PSI. STRANDS SHALL BE COATED WITH A PERMANENT RUST PREVENTATIVE LUBRICANT AND A PLASTIC SHEATH.
 - REINFORCING SHALL HAVE 2" COVER IN GRADE BEAM BOTTOMS, 2" COVER IN BEAM SIDES AND TOPS, AND 1/2" COVER IN SLAB TOPS AND BOTTOMS UNLESS OTHERWISE SHOWN.
 - TENDONS AND BARS SHALL BE SECURELY SUPPORTED TO PREVENT BOTH VERTICAL AND HORIZONTAL MOVEMENT DURING CURING OF CONCRETE.
 - THE CONTRACTOR SHALL VERIFY ALL PROPS, OFFSETS, BRICK LEDGES AND BLOCK-OUTS ON ARCHITECTURAL DRAWINGS AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES.
 - COORDINATE STRUCTURAL DRAWINGS WITH ARCHITECTURAL AND MECHANICAL DRAWINGS FOR ALL OPENINGS, INSERTS, AND ANY OTHER RELATED ITEMS IN THE SLAB(S).
- NOTE:**
MUCK OUT 24" DEEP MINIMUM FOR FOUNDATION PAD.
UNDISTURBED SOIL CAPABLE OF 1500 PSF BEARING

