

DIVISION 3

CONCRETE

3.1 Concrete Materials and Unit Stresses

3.1.1 Concrete - Non-prestressed concrete for structural elements shall be designed for a minimum twenty-eight (28) day compressive strength (f_c') of 4000 psi, as dictated by design requirements. All exposed exterior concrete shall be designed with entrained air. Adequate equipment and procedures shall be provided for protecting concrete during temperature extremes. Admixtures shall be used with care, and compatibility shall be verified by testing laboratories.

3.1.2 Prestressed concrete for structural elements shall be designed for a minimum twenty-eight (28) day compressive strength (f_c') of 4000 psi.

3.2 Drilled Piers

3.2.1 Drilled piers shall be straight shaft type only. Use no belled piers.

-- END OF DIVISION --