



SECTION 03303
CONCRETE FOR UTILITY LINES

PART 1. GENERAL

This item shall include furnishing and installing concrete blocking, cradles, anchors, caps, pipe protection, and/or encasement at the locations shown on the drawings and/or as directed by the owner.

PART 2. PRODUCTS

Not Used

PART 3. EXECUTION

3.1 Concrete work shall conform to ACI 301-72 (as revised).

3.2 Supplemental requirements are listed below:

- A. Strength – The minimum 28-day strength of concrete shall be 3,000 psi or greater unless otherwise shown on the drawings, or as directed by the owner.
- B. Durability – All concrete exposed to weather shall be air entrained.
- C. Slump – Concrete shall be proportional and produced to have a slump of 3 inches with a 1-inch tolerance.
- D. Admixtures – Air entrainment, mandatory for concrete exposed to weather, may be used. A water-reducing admixture (retarding, normal, or accelerating, depending on placing temperature), may be used if approved by the owner.
- E. Reinforcing Steel – Yield strength of reinforcing steel shall be 60,000 psi.

END OF SECTION