

Load test piles to 30 tons in accordance with the requirements of the ASTM D-1143. (Quick Test)

PART 2 - PRODUCTS

MATERIALS

Piles: Southern Pine conforming to "Specification for Round Timber Pile" (ASTM D-25) except with a 7 inch minimum diameter at the tip and 10 inch minimum at the butt. Estimated pile length - See Plans

Preservative for brush treatment: Comply with AWWA Standards.

Preservative treatment: Comply with AWWA Standard for foundation piles using CCA minimum retention of 2.50 lbs. per cu.ft. of wood. Testing of piles by the gage method will be acceptable.

Contract Length: Contractor shall base his bid on the tip of piles being driven to elevation minus twenty-six (-26) NGVD. The top of pile cap for this project is El. 4.93 NGVD. Piles shall be sufficient length to extend from this tip elevation to the cut off elevations required on the drawings. In order to fix the cost to the Owner of longer or shorter length piles, if sub-strata conditions should require them, the Contractor shall submit in his proposal the following unit costs:

Credit per pile for base piles omitted.

Extra cost per pile for base piles added.

Credit cost per foot of pile length omitted to base pile (up to 10'-0").

Extra cost per foot of pile length added to base pile (up to 5'-0" maximum).

Extra cost for additional load test (one), added as an allowance.

PART 3 - EXECUTION

HANDLING:

Piles shall be carefully handled with no sudden dropping, breaking of outer fibers, bruising, or penetrating the surface with tools. All cut or damaged surfaces of piles, including the tops of piles after cut-off, shall be given a brush treatment of preservative in a quantity that will fill all shakes and splits and thoroughly penetrate the cut surfaces.

DRIVING: