

250,000 gallon Ground Water Tank for Edwards Wood Products, Laurinburg, NC

The proposal will be based on the following Terms & Conditions:

- The site will be open and easily accessible by trailer truck and crane with no overhead obstructions or adjacent structures that might be affected by overspray from painting or insulation. An adequate lay down area will be supplied adjacent to the foundation site for our use. The owner is to maintain access and dewater the site.
- The contractor's "Scope" of work is to end at the first outside flange. The proposal will not include any electrical or mechanical systems or the wiring thereof, any valves, level controls or alarms, lightening protection.
- An engineered foundation design, ring wall/shallow type, with stamp will be required. The owner will supply a copy of the soils test for our use.

Recent changes in the NFPA-22 *require* a 360 degree roof top handrail and 2nd roof hatch.

RE: 1-250,000 GALLON GST, AWWA/NFPA DESIGNED (38.00' DIA X 32.00' HIGH)

ONE 250,000 gallon GST fabricated, delivered, unloaded, erected and painted on a foundation in LAURINBURG, NC. The tank is to be fabricated of A-36 carbon steel with 1/4 inch lap welded floor and 1/4 inch minimum butt welded shell with 3/16 single lap welded roof with center column & rafter roof design. The tank is to be sandblasted and primed completely in the SHOP per SSPC. The interior surfaces are to receive a coating of EPOXY paint per AWWA interior system #1. The exterior surfaces, not to include the underside of the floor, are to receive a coating of ALKYD ENAMEL paint per AWWA outside system #1 (PRIMER ONLY IF INSULATED). **The tank is designed with 1.474' of Free Board in the shell per SUG (seismic use group) 3 and for site soil class D with 100 mph wind load and 25 lb snow load.**

FITTING & ACCESSORIES:

- 1-30 INCH & 1-24 INCH SHELL MANHOLES WITH REINFORCING PADS
- 1-24 INCH ROOF HATCH WITH 5' HANDRAIL EACH SIDE
- 1-OUTSIDE LADDER WITH SAFETY CLIMB DEVICE
- 1-INSIDE LADDER
- 1-12 INCH ROOF VENT WITH SCREEN
- 1-8 INCH STUB OVERFLOW WITH SCREEN
- 1-10 INCH SUCTION LINE WITH ELL AND VORTEX PLATE
- 1-LIQUID LEVEL GAUGE (FLOAT TYPE)
- 1-6 INCH FLANGED SHELL NOZZLE FOR DRAIN (VALVE BY OTHERS)
- 1-6 INCH OVERTOP FILL LINE (VALVE BY OTHERS)
- 2-GROUNDING LUGS (GROUNDING CABLE & ROD BY OTHERS)
- 1-SET MISC COUPLINGS
- 1-SET OF SHELL COUPLINGS FOR IMMERSION HEATER PACKAGE.