MODEL SPECIFICATION FOR CORGAL STANDARD TANK – LESS ROOF

CORRUGATED, GALVANIZED STEEL WATER STORAGE TANK

The water storage tank shall be a CorGal Model **2703-WT-SAP-LR** or equal with no roof having a nominal capacity of **43,000** US gallons.

Nominal tank dimensions shall be 27’-0” diameter, 10’-9” overall height.

The water storage tank shall be designed to store water with a density of 62.4 PCF in a seismic zone 2B with a wind speed of 90 MPH, UBC Exposure C.

The tank structure shall consist of corrugated galvanized steel wall sheets, anchor clips and necessary hardware for tank assembly.

All steel panel material shall be galvanized to meet the G-115 galvanizing standard.

Bolts shall be heat treated to grade SAE 8.2 and electro-galvanized with JS-500 clear coating.

Wall bolts shall have slotted button heads for insertion from inside the tank toward outside.

Extruded bead sealant shall be installed on all vertical wall seams.

Water containment system shall consist of liner hanger brackets, a geo-textile pre-liner installed on the foundation and the interior of the walls and a 25 mil. PVC factory welded seam, flexible membrane main liner.

The water tank shall be constructed on a concrete foundation as designed and installed by others.