



1. DESIGN CRITERIA

- 1.A. THE TANK AND SUPPORT STRUCTURE SHALL BE DESIGNED, FABRICATED, AND ERECTED IN ACCORDANCE WITH AWWA D100-11 AND THE PROJECT SPECIFICATIONS.
- 1.B. LOADING CRITERIA:
 - 1.B.A. DESIGN WIND VELOCITY - _____ MPH
 - 1.B.B. DESIGN SNOW LOAD - _____ PSF
 - 1.B.C. MCE SPECTRAL RESPONSE ACCELERATION - 0.2 - SEC PERIOD (S₃) - _____
 - 1.B.D. MCE SPECTRAL RESPONSE ACCELERATION - 1.0 - SEC PERIOD (S₁) - _____

2. MATERIALS

- 2.A. STEEL PLATE: ASTM A283 OR ASTM A36
- 2.B. STRUCTURAL SHAPES: ASTM A36
- 2.C. LADDER RUNGS: ASTM A706

3. GENERAL

- 3.A. ALL ACCESSORIES SHOWN ON THE ELEVATION DRAWING ARE ROTATED FOR CLARITY.
- 3.B. STEM AND BASE CONE DIAMETERS SHOWN ARE MANUFACTURER'S MINIMUMS. DIMENSIONS COULD INCREASE AS A RESULT OF ENVIRONMENTAL LOADING CONDITIONS; PIPE (AND INSULATION) DIAMETERS WITHIN THE STEM; AND VALVE ROOMS OR CONTROL ROOMS WITHIN THE BASE CONE.
- 3.C. ALL LADDERS, LADDER SAFETY DEVICES, PLATFORMS, HANDRAILS, ETC. SHALL CONFORM TO CURRENT OSHA REGULATIONS.
- 3.D. TANK CONTRACTOR SHALL GROUT BENEATH BASE PLATE UPON COMPLETION OF ERECTION.
- 3.E. SURFACE PREPARATION AND COATING REQUIREMENTS SHALL BE IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS.
- 3.F. THE TANK SHALL BE DISINFECTED IN ACCORDANCE WITH AWWA C652-02.

400,000 GALLON ELEVATED SPHEROIDAL TANK	Revision Description
GENERAL ELEVATION	Rev. By Rev. Date
ENGINEER	Checked By: _____ Date: _____
DRAWN	Copyright © 2017 by Phoenix Fabricators & Erectors, LLC. All rights reserved.
JOB. No. _____	
SHEET _____	

