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 (S₂):**  -

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.**