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.