- Foundation construction shall comply with A.C.I. 318-99, A.C.I. 301-96, AWWA D100-96, and applicable sections of the project specifications and the project soils report.
- Foundation design will be the responsibility of the tank contractor.
- Foundation dimensions and concrete reinforcement shall be determined by the tank contractor.
- Minimum concrete compressive strength shall be 4,000 psi at 28 days. Reinforcement shall conform to ASTM A615 GR. 60.
- Construction joints shall be roughened across entire face with 1/4” minimum depth indentations.
- The top of the ringwall shall be level within (±) 1/8” in 30' with a maximum differential of (±) 1/4” between any two points on the circumference.
- Anchor bolts shall be placed within 1/8” of the plan dimensions, plumb within 1/4” in 12” and extend above the top of foundation to within 1/2” of the specified projection.
- Provide 1/2” thick expansion joint material between floor and wall and at all piping penetrations.

Foundation (see DwG. Flute-F2 for details)

Fluted column

Anchor bolts (number & size determined by tank contractor)

Pipe bollard

Ladder

Personnel door

Overflow pipe

Inlet/outlet pipe

Thrust block

Concrete splash pad

Slab-on-grade

Foundation construction shall comply with A.C.I. 318-99, A.C.I. 301-96, AWWA D100-96, and applicable sections of the project specifications and the project soils report.