The tank and concrete support pedestal shall be designed and constructed in accordance with AWWA D100-96, A.C.I. 318-99, A.C.I. 301-96 and project specifications.

Wind Load:
Snow Load:
Seismic Zone:

The exterior of the concrete pedestal shall incorporate vertical and horizontal rustication to create an architectural pattern.

The interior surfaces shall have a smooth as-cast finish.

Material:
- Steel Plate: ASTM A283 GR.C/A36
- Structural Steel Shapes: ASTM A36
- Ladder Rungs: ASTM A706
- Piping: Type 304 Stainless Steel

Design:

- Accessories shown on elevation drawings are rotated for clarity.
- All handrails, platform landings, walkways, ladders and safety climb devices shall conform with current OSHA standards.
- All ladders, landings and associated components installed inside the concrete pedestal shall be hot-dip galvanized.
- See project specifications for shop and field paint requirements for the steel tank.
- Sterilize tank in accordance with AWWA C901 and project specifications.
- Ladders shall have swing-out rest seats at 50'-0" maximum spacing.
- For tanks located in regions where freezing conditions may occur, consideration shall be made to route overflow pipe inside access tube and omit inside tank ladder.

General:

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