Original ground and final grade for typical above ground (left side) and in ground (right side) installation. See system profile for site specific elevations.

A layer of compacted base course (crushed rock 100% less than 3”), gravel or other approved aggregate is placed in 6” loose lifts and compacted with at least 3 passes of a vibratory plate. See note below.

The foundation treatment shown is typical. Mandatory foundation inspection and approval by NRCS technical representative is required before placement of base course. The ultimate thickness of material under the tank will be reflected in the "As Built" drawings.

**Excavation & Foundation**

- Earth backfill allowed for areas more than 2 ft away from tank. Compact with two passes per 1 ft loose lift or as approved by NRCS.
- Undisturbed earth
- Ensure final finished surface slopes away from the tank, i.e. avoid having surface water pond near or enter the tank.
- 2"x2"x3" concrete chairs placed at 16" on center

**Side View Vertical Steel Placement**

- 40 ea. #4 bar @ 8" spacing. If concrete masonry units (cmu) have 3 cells, use two rebars per cmu.
- 2"x2"x3" concrete chairs placed at 16" on center

**Pad Steel Placement**

- 11 each #5 bars spaced 8" apart
- 2"x2"x3" concrete chairs placed at 16" on center

**Pad and Vertical Steel Placement**

- #4 bars 8" spacing, the bend in the vertical rebar overlaps 9" with the horizontal rebar for the pad.
- 36 bar @ 8" o.c. both ways