

TROUGH OR TANK CONSTRUCTION SPECIFICATION

The foundation area shall be cleared of organic matter and all other unsuitable material. When backfill is required to establish planned grade lines the backfill shall be compacted by hand-operated compaction equipment.

The foundation area and the immediately surrounding area shall be smoothed and graded to permit free drainage of surface water.

All materials, placement, anchoring, proportioning and protection shall be as shown on the plans. Concrete shall be of a quality to produce a 28-day compressive strength of 3000 psi. If the supplier cannot show evidence that his mix will meet strength requirements he may use a mix with a maximum net water content of seven gallons per bag (94#) of cement and a minimum cement content of six bags per cubic yard of concrete. Aggregates are to be proportioned to produce a workable mix.

All backfill for underground pipes shall be compacted to the degree required to prevent caving after construction is completed.

All construction shall be performed in a workmanlike manner and the job site shall have a neat appearance when finished.

Precast concrete, galvanized metal, and masonry structures are acceptable when their design and construction have been reviewed and approved. Bathtubs are not acceptable material for troughs or tanks.

Erosion and Pollution Control

Construction operations will be carried out in such a manner so erosion and air and water pollution will be minimized. State and local laws concerning pollution abatement shall be followed.

Seeding

Sodding, seeding, fertilizing, and mulching shall conform to the recommendations for permanent seeding in the Pennsylvania Technical Guide which is available in NRCS offices or in the current Pennsylvania Agronomy Guide published by The Pennsylvania State University.