

Split Backfill Instructions

1. GENERAL

1.1. Use pea gravel or crushed stone as specified in the Xerxes Installation Manual and Operating Guidelines in effect at time of installation (subsequently referred to as "Installation Manual"), and the Xerxes Backfill Guidelines for bed and backfill material.

2. BACKFILL AND FILTER FABRIC

2.1. Use the specified select material as the backfill vertically up to a point of 75% of the tank diameter. (See FIGURE 1-1.)

2.2. Follow the instructions in the Installation Manual on the placement of this backfill.

2.3. Install a layer of filter fabric over the entire surface of the backfill material. All joints in the filter fabric should be overlapped 6-12 inches. All fabric must lap up onto the tank and excavation surface a minimum of 6 inches.

2.4. Installations with unstable soil may require the fabric to line the entire excavation sides. (Refer to the Installation Manual in the event of unstable soil.)

2.5. All sand or soil may be used above the filter to subgrade. The soil must be nonorganic and free of rocks, debris, frozen soil and other objectionable material.

2.6. All sand or soils must be compacted to achieve minimum 85% standard proctor density. The material should be installed in 12-inch to 24-inch lifts compatible with the compaction equipment.

CAUTION

Do not use rammer-type compactors over the top of the tank.

2.7. The specifications for the material and compaction above the filter fabric layer may be determined by the requirements of the piping, surface slab, or roadway. (Refer to local building codes for base course and sub-base course material and compaction requirements.)

2.8. Some tank owners may require sample testing and written reports to verify the compaction of the sand or soils.

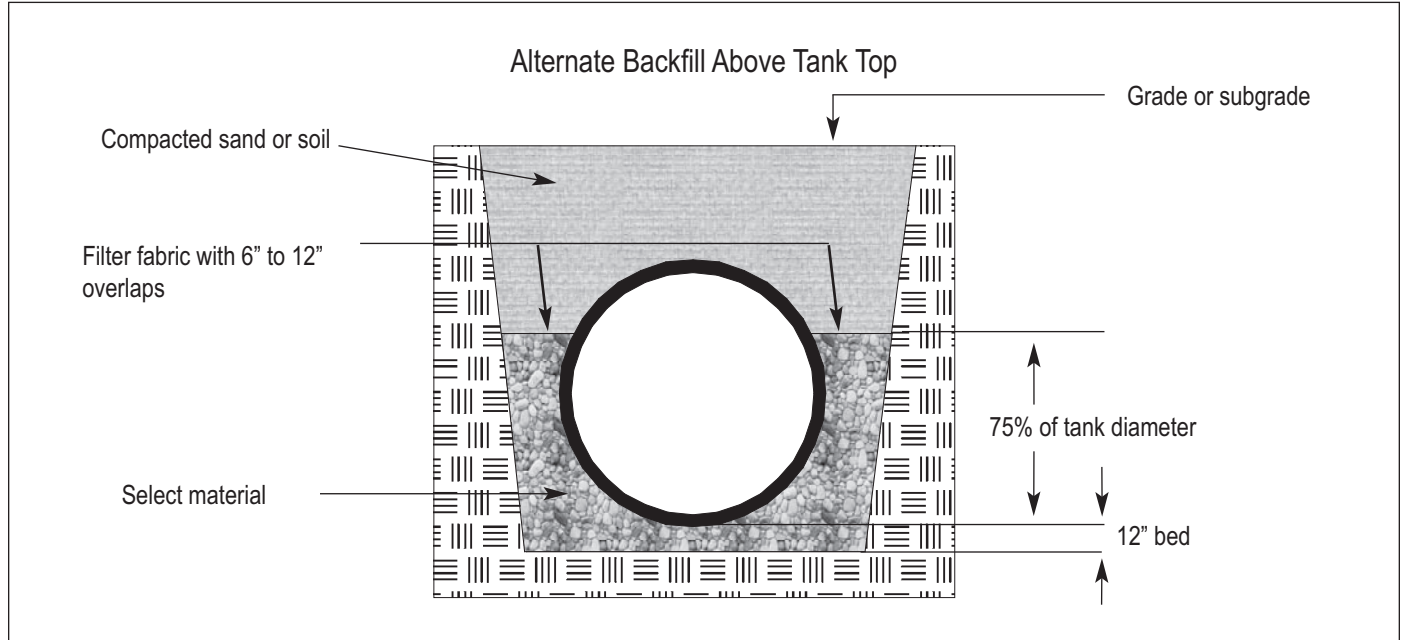


FIGURE 1-1

XERXES[®]
CORPORATION

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