

CREST

Bulletin 1-17-05 Revised

SEPTIC AND HOLDING TANKS INSTALLATION INSTRUCTION

BEDDING REQUIREMENTS:

Tanks shall be placed on soils capable of bearing weight of tank and contents. Soft Soils or bedrock shall have a minimum 3" tamped bedding 100% which shall pass a 1/2" screen, made up of sand or gravel (Clean Pea Stone is preferred). The center bedding under the tank should be 1" lower than the perimeter bedding.

BACKFILL:

Sidewalls require backfill which 100% shall pass a 2" Screen Material made up of dry soil, sand or gravel. Minimum 12" all sides of tanks, from base to top. NO parallel backfilling or compaction along length of sidewalls is permitted. NO wheel or track loading on sidewalls. Material on top of tank to pass 4" screen & dry.

Standard tank design is from 2'-0" To 7'-0" bury depth.
Over 7'-0" bury depth may require a class 3 Tank.

SEVERE WATER TABLE:

1. Tanks should be installed with tie-downs and coating, add 15% to price. Consult Crest for flotation calculations.
2. Place 6" of 1/2" stone as base.
3. De-water while setting.
4. For run off also fill tank on new excavation, to prevent flotation. Tanks to be filled to match water table until all soils settle to natural state.
Comment: Concrete tanks will generally not float due to their heavy weight, but if wet backfill is installed during backfilling the tank may dislodge.

RESTRICTIONS:

Cover must be sealed and seated in joint.
Care must be taken not to dislodge joints.
Units must be set or supervised by CREST to warrant.