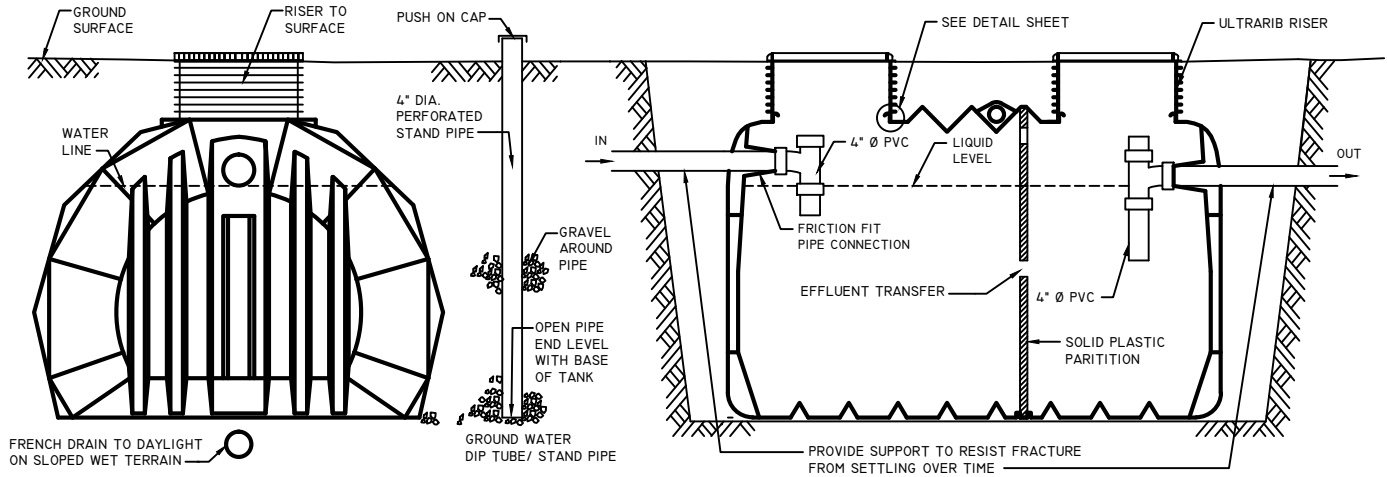


UNDERGROUND TANK INSTALLATION

★ You have purchased a Premier Quality below ground polyethylene tank with 25 years of experience built in. Please thoroughly review this document and follow these 'best practice' recommendations to ensure many years of trouble-free service.



INSTALLATION CONSIDERATIONS:

- Tanks are for burial. Consult factory for above ground installs.
- Unless otherwise approved, tanks are rated for up to two feet of earth cover – 300 lbs./sq.ft.**
- Supertanks are rated for up to four feet of earth cover – 480 lbs./sq.ft.**
- flout dosing tanks are rated for up to four feet of earth cover – 480 lbs./sq.ft.**
- Do not locate under pathway of vehicles or heavy equipment. Keep away from large roots and rocks.
- Avoid placing tank in areas with high water table.**
- Use reinforced tank in persistent high water table locations.
- Avoid placing tank in wet clay soils.**
- Deflect surface run-off away from tank area. Fresh backfill is porous. Runoff can back up around tank.

Contact Local Health Department for specific requirements

★ **QUESTIONS?**
CALL 1-800-661-4473



www.premierplastics.com 1-800-661-4473

INSTALLATION PROCEDURE:

EXCAVATION:

- Select site with good sub-soil drainage.
- Allow clearance around the tank to properly place and compact backfill around the lower half of the tank.
- Provide well-compacted or undisturbed bedding of sand/gravel mixture or clean, granular soil: 6" minimum in rock terrain. Shape bedding to suit underside of tank.

PLACING THE TANK:

- Check before placing tank:
 - Serial number (for Warranty Form).
 - Orientation of inlet and outlet.
 - Shipping damage.
 - Use a pipe level across access cover to level inlet and outlet. It is important that the outlet is below level of inlet.
- CAUTION: Handle with care. A severe impact could crack the tank, especially in cold weather.**

AVOIDING FLOTATION OR DISTORTION:

- Poly tanks risk floating or distortion at base if pumped out during periodic high water table. Keep tank partially filled during extreme wet conditions.
- Fill after installation.**
- For testing water table level, install vertical length of 4" perforated drainage pipe beside tank with removable cap above grade level. Affix label provided to standpipe.**
- AVOID PUMPING TANK OUT BELOW WATER TABLE.** If on sloped ground, run drainage line from under tank out to daylight, downhill from tank.

RISERS FOR SURFACE ACCESS

See separate sheet for tank RISER installation.

BACKFILLING:

- Tank must be backfilled when either empty or no more than 30% full.
- No water is required for the backfilling process. If filled for leak testing, drain tank to 30% or less prior to backfilling.**
- Backfill with 12" maximum layers of granular soil or clean fill and trample evenly. **NO CLAY BACKFILL.**
- Important:** Ensure backfill is properly placed and compacted around the lower half of the tank. Do not machine compact close to tank. Do not dump large volumes of fill close to tank.
- Check leveling of tank periodically.
- Compact backfill under the inlet and outlet pipe connections. Add support under pipes to resist potential pipe fracture from settling of backfill over time
- If tank is warm from sunlight, allow to cool before completing backfilling.
- Use waterproof tape to seal lids if no riser.

PIPE CONNECTIONS:

- Make connections to tank only when tank is unlikely to shift during remaining backfilling.
- All water tanks must be vented with minimum 2" dia. pipe.
- Install 90 degree elbows at outlet bulkhead fittings to allow pipes to deflect with tank expansion (water tanks).
- USE MIN. 3 FT. FLEXIBLE HOSE FROM PUMPS TO ALLOW MOVEMENT (IF INSTALLED).**