



# ALBUQUERQUE VAULT COMPANY

PRE-CAST  
CONCRETE  
PRODUCTS

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Detail # **ST-1000-LP**

Not To Scale

April 2009

## 1,000 GALLON (LOW PROFILE) SEPTIC TANK - MID SEAM

### GENERAL NOTES:

- Design specifications conform to latest ASTM C1227 specs for "Precast Concrete Water and Wastewater Structures"
- Concrete compressive strength 4,000 psi minimum.
- Steel reinforcing design to conform to the requirements of ASTM C890 specifications for "Structural Design Loading for Water and Wastewater Structures" and shall utilize grade 60 re-bars conforming to the requirements of ASTM A615 or WWF conforming to the requirements of ASTM A185 or both.
- Additional reinforcing at all openings.
- Casting / Top provided and installed by contractor / customer per job requirements. 2", 3", 4" & 6" grade rings can be supplied by Albuquerque Vault Co. or field adjusted, using approved methods by contractor.
- Pipe penetration locations as per job requirements. Pipe inlet and outlet locations to have cast-in-place boots. Pipe to be installed by contractor.
- Joints to be sealed with 1" dia. butyl rubber joint sealant conforming to the requirements of latest AASHTO specifications M-198 and meets federal specification SS-S-0021(210-A).
- Method of manufacture is Wet Cast.
- Sections are monolithic. Weights:  
Top Section 4,200 ± lbs.  
Bottom Section 3,200 ± lbs.
- Inlet and outlet requirements such as tee's and /or effluent filters supplies and installed by contractor.
- Excavation hole bottom shall be 2' wide & 2' longer than total outside dimensions.

