



# ALBUQUERQUE VAULT COMPANY

PRE-CAST  
CONCRETE  
PRODUCTS

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Detail # SNT-5000-H20

Not To Scale Jan., 2011

## 5,000 GALLON SAND TRAP - MID SEAM / TOP SLAB

### GENERAL NOTES:

- Design specifications conform to latest ASTM C1227 specifications 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 11,700 ± lbs.  
Riser Section 12,200 ± lbs.  
Bottom Section 18,600 ± lbs.
- Clean-out assembly for grease / sand traps detail required at outlet !!!
- Excavation hole bottom shall be 2' wide & 2' longer than total outside dimensions.
- Designed for H-20 loading.

