



ALBUQUERQUE VAULT COMPANY

PRE-CAST
CONCRETE
PRODUCTS

300 Airport Dr., NW * Albuquerque, NM 87121 * Phone: 505-836-4404 / Fax: 505-836-5663

Detail #

SNT-500

Not To Scale

Feb. 2009

500 GALLON SAND TRAP - 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 1,500 ± lbs.
Bottom Section 3,500 ± 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.

