



ALBUQUERQUE VAULT COMPANY

PRE-CAST
CONCRETE
PRODUCTS

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Detail # SNT-4000-H20

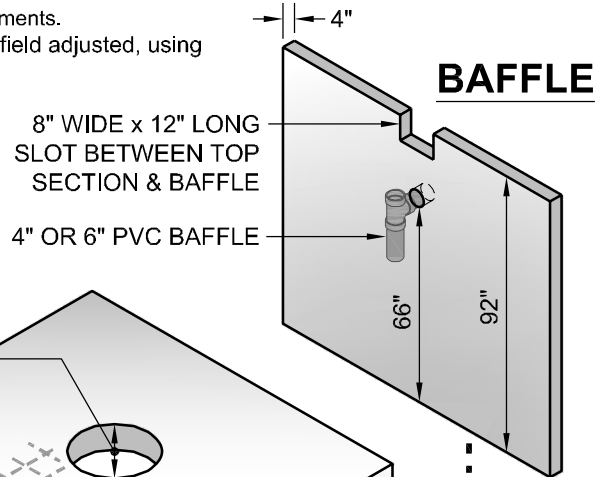
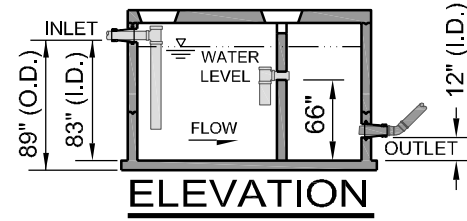
Not To Scale

July 2010

4,000 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 9,150 ± lbs.
Riser Section 10,480 ± lbs.
Bottom Section 16,510 ± 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.



24" MIN. HOLE
LOCATED
ABOVE BAFFLE
WALL, NOTE 5.

