



# ALBUQUERQUE VAULT COMPANY

PRE-CAST  
CONCRETE  
PRODUCTS

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Detail # SNT-2500-H20

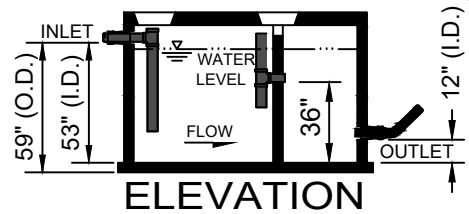
Not To Scale

Aug 3, 2014

## 2,500 GALLON SAND TRAP H-20

### 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 rebars 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 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" diameter 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 8,290 ± lbs.  
Bottom Section 12,150 ± lbs.
- Clean-out assembly for grease / sand traps detail required at outlet!
- Excavation hole bottom shall be 2' wider & 2' longer than total outside dimensions.
- Designed for H-20 loading.



### BAFFLE

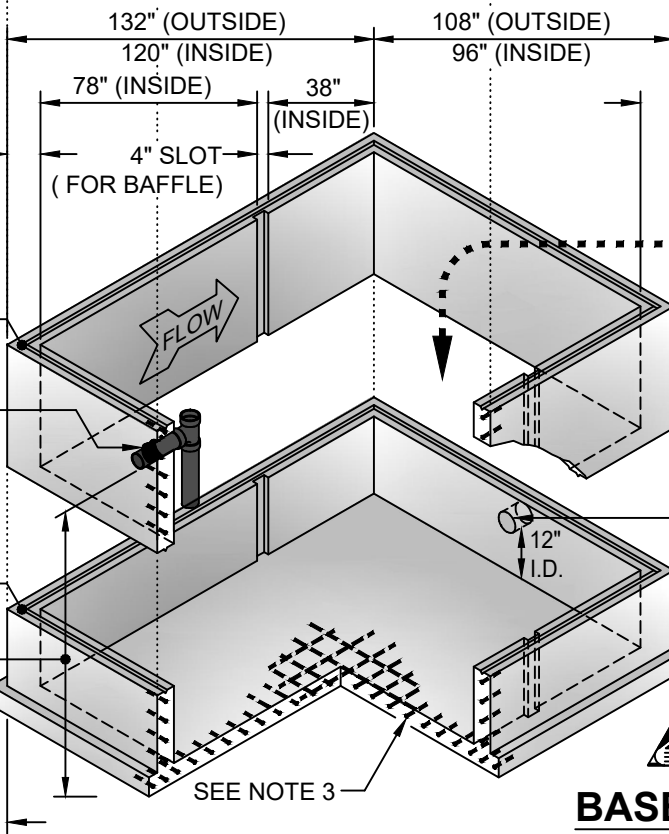
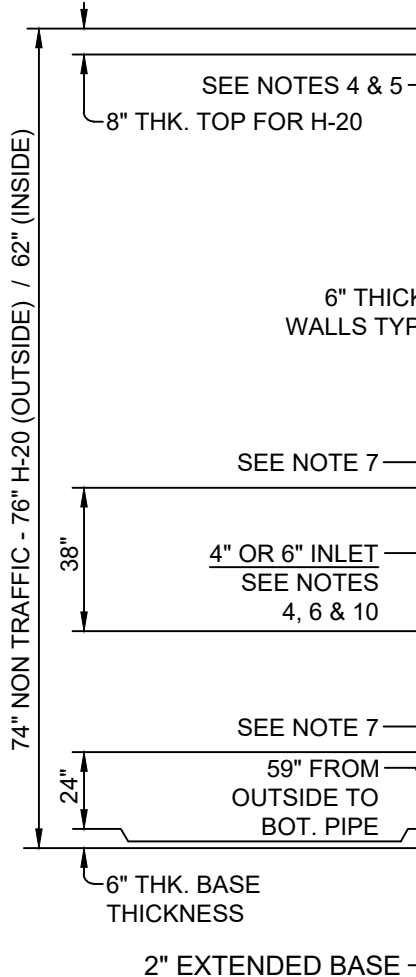
4" Baffle  
8" WIDE x 12" LONG  
SLOT BETWEEN TOP  
SECTION & Baffle

TEE MUST EXTEND  
WITHIN 2" OF THE  
INSIDE TOP

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

4" OR 6" PVC Baffle

### TOP SECTION



### RISER SECTION

### BASE SECTION