## ALBUQUEROUE VAULT COMPAN

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Detail # SNT-2500-H20

Not To Scale Dec., 2012

2,500 GALLON SAND TRAP H-20

## **GENERAL NOTES:** 1. Design specifications conform to latest ASTM C1227 specifications for (O.D.) "Precast Concrete Water and Wastewater Structures" Ω LEVEL ; 2. Concrete compressive strength 4.000 psi minimum. 3. Steel reinforcing design to conform to the requirements of ASTM C890 specifications for 53" .65 "Structural Design Loading for Water and Wastewater Structures" and shall utilize grade 60 rebars conforming to the requirements of ASTM A615 or WWF conforming **ELEVATION** to the requirements of ASTM A185 or both. 4. Additional reinforcing at all openings. 5. 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. **BAFFLE** 6. Pipe penetration locations per job requirements. Pipe inlet and outlet locations to have cast-in-place boots. Pipe to be installed by contractor. 8" WIDE x 12" LONG 7. Joints to be sealed with 1" diameter butyl rubber joint sealant conforming to the LOT BETWEEN TOP requirements of latest AASHTO specifications M-198 and meets **SECTION & BAFFLE** federal specification SS-S-0021(210-A). 8. Method of manufacture is wet cast. 4" OR 6" PVC BAFFLE 9. Sections are monolithic. Weights: 24" MIN. HOLE Top Section $9.150 \pm lbs.$ LOCATED Riser Section $8.290 \pm lbs$ 62 **ABOVE BAFFLE** Bottom Section 12.150 ± lbs. 10. Clean-out assembly for grease / WALL, NOTE 5. sand traps detail required at outlet! 11. Excavation hole bottom shall be 2' wider & 2' longer than total outside dimensions. 12. Designed for H-20 loading. SEE NOTE 3 SEE NOTES 4 & 5 **TOP SECTION** 8" THK. TOP FOR H-20 74" NON TRAFFIC - 76" H-20 (OUTSIDE) / 62" (INSIDE) 132" (OUTSIDE) 108" (OUTSIDE) 120" (INSIDE) 96" (INSIDE) 78" (INSIDE) 38" 6" THICK (INSIDE) WALLS TYP. 4" SLOT-6" THICK -WALLS TYP. (FOR BAFFLE) SEE NOTE 7-**RISER SECTION** 38 4" OR 6" INLET SEE NOTES 4,6 & 10 4" OR 6" OUTLET SEE NOTES 4, 6 & 10 - CAUTION! SEE NOTE 7 SEE CLEANOUT 59" FROM ASSEMBLY FOR OUTSIDE TO **GREASE / SAND** BOT, PIPE TRAPS DETAIL FOR INLET PIPE 6" THK BASE INSTALLATION **THICKNESS** SEE NOTE 3 **BASE SECTION** 2" EXTENDED BASE -