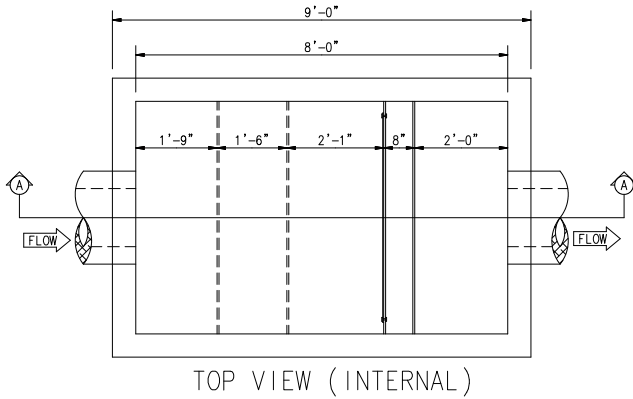
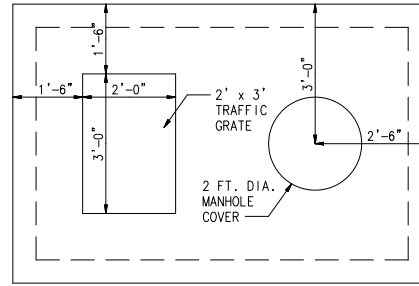


1. ALL PIPES SHALL BE CONSTRUCTED TO BE FLUSH WITH THE INSIDE WALLS.
2. CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL PIPING, INCLUDING PIPES BETWEEN VAULTS.

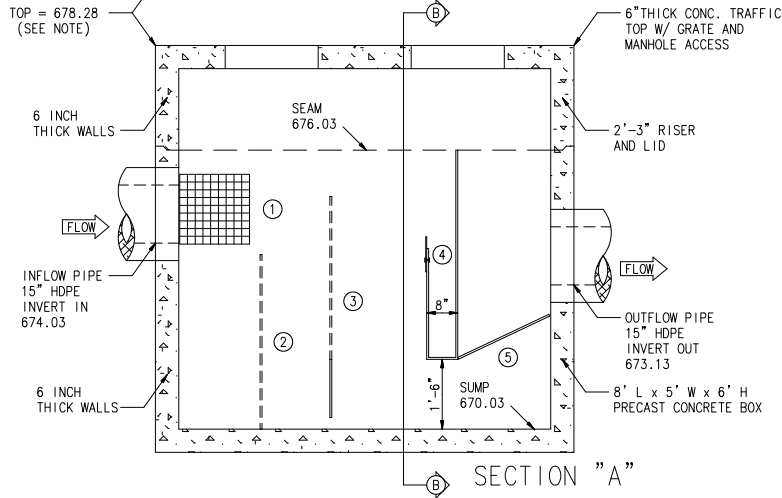


TOP VIEW (INTERNAL)

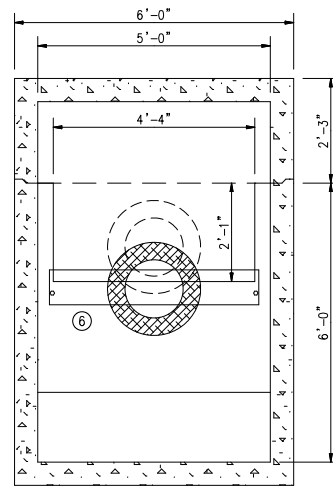


TOP VIEW (SLAB)

Castings for access openings (grate, MH, etc.) shall be shipped loose. Due to uneven terrain contractor shall extend the openings about 1.02 above the top of the slab to final grade and install castings in the field to a final top surface of about 679.30 by a method approved by local authorities.



SECTION "A"



SECTION B

LEGEND

- ① EXPANDED ALUMINUM BASKET W/ 1/4" MESH LINING, 1'-6" H x 1'-6" L x 5'-0" W
- ② 1ST INTERNAL BAFFLE W/ 1" HOLES DRILLED AT 1-1/4" O.C., 3'-9" H.
- ③ 2ND INTERNAL BAFFLE W/ 1" HOLES DRILLED AT 1 1/4" O.C., 5'-0" H.
- ④ SPILL PROTECTION RESERVOIR 4'-6" H. WITH A 1'-5" FRONT CUT.
- ⑤ 3/4" COCONUT FIBER FILTER IN ALUMINUM FRAME 2'-2" LONG.
- ⑥ 1/4" ALUMINUM PLATE, 9" H., 4'-6" WIDE.

CRYSTALSTREAM "CRYSTALCLEAN" WATER QUALITY VAULT MODEL "856"

sample 856 6/25/2010 p.o.d.s. Protected by U.S. Patent No's: 6,797,161; 6,936,163; 6,939,461; 6,951,607; 6,994,783; 7,011,743; 7,037,436

SPECIFICATIONS

1. TOTAL FLOW CAPACITY SHALL BE 10 CFS.
2. WATER QUALITY FLOW OF 1.07 CFS MUST BE TREATED WITH A HYDRAULIC LOADING RATE OF 13 GPM/SF OR LESS.
3. SPILL PROTECTION CAPACITY SHALL BE 748 GALLONS BEFORE OVERFLOW.
4. ANY CHANGES OR SUBSTITUTIONS MUST BE APPROVED BY THE ENGINEER AND THE REVIEWING AUTHORITY.



CrystalStream Technologies

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Sample 856

JOB NAME:

DESIGN FIRM: CrystalStream Technologies