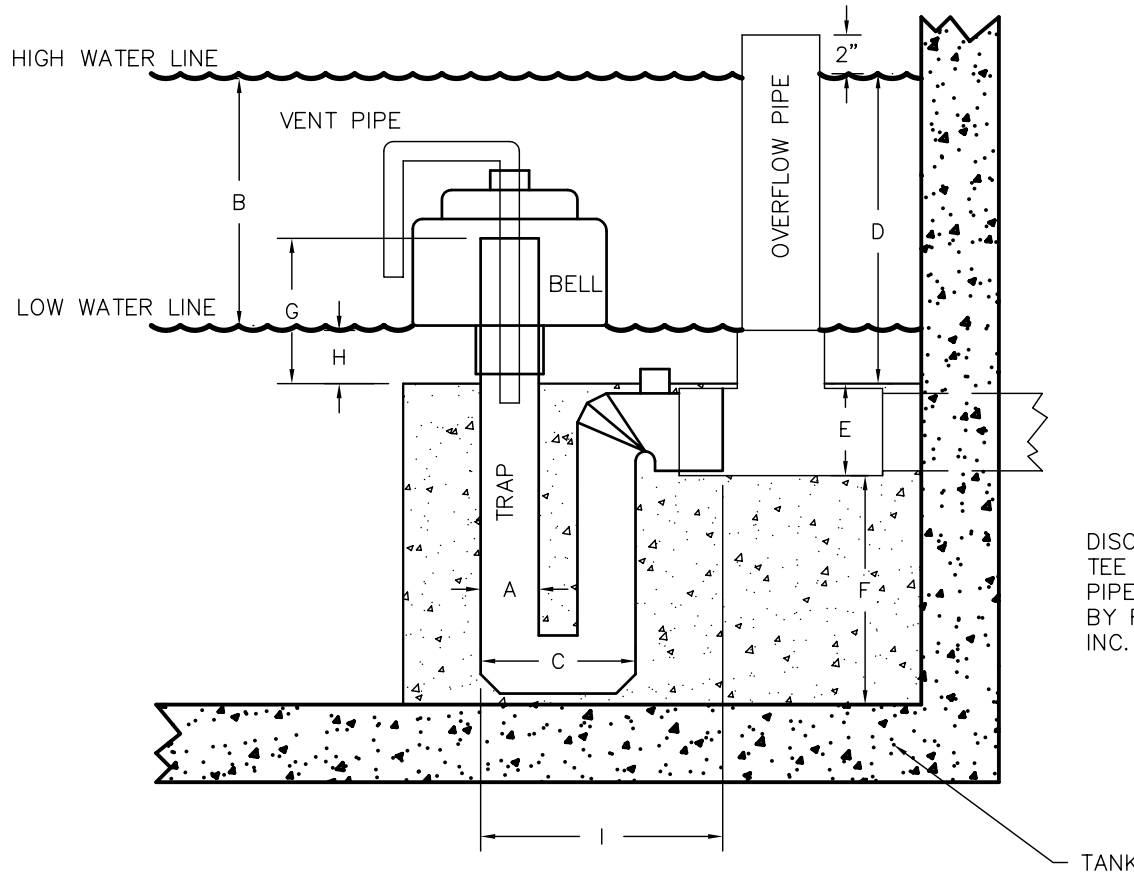


# DETAIL 12 SIPHON AND SIZING DETAIL



DISCHARGE PIPE,  
TEE AND OVERFLOW  
PIPE, ARE NOT FURNISHED  
BY FLUID DYNAMICS SIPHONS,  
INC.

TANK

**APPROXIMATE DIMENSIONS IN INCHES**

Model Number		207	313	413	417	423	430	523	630	836	1248
Siphon Diameter	A	2	3	4	4	4	4	5	6	8	12
Outlet Size		2"NPT	4.2	4.2	4.2	4.2	4.2	6 1/4	6 1/4	8.4	12 3/4
Draw Down	B	7	13	13	17	23	30	23	30	36	48
Width of Trap	C	6.6	8	10 1/2	10 1/2	10 1/2	10 1/2	13.3	15	20 3/4	31.5
High Water Above Floor	D	9	16	16	20	26	33	26	33	39	52
Floor to Discharge	E	3.4	4 1/2	5	5	5	5	7.8	11	8 1/2	13
Trap Depth	F	6.4	11 1/2	12	15	15	17	20	30	30	48.5
Height Above Floor	G	5	7 1/2	9	11	16	21	12	10	20 1/2	31.5
Bottom of Bell to Floor	H	2	3	3	3	3	3	3	3	3	4
Trap to Discharge	I	N/A	10 1/2	16 1/2	16 1/2	16 1/2	16 1/2	19.5	22	26 1/2	40
Average Discharge G. P. M.		30	72	140	150	160	170	325	450	900	2000
Minimum Discharge Rate G. P. M.		25	48	100	100	100	100	230	350	450	1200

SCALE: NTS  
DRAWN BY: SWT  
DATE: JANUARY 2008  
FILE: SHEET 12

**WIESER CONCRETE**  
W3716 US HWY10, MAIDEN ROCK, WI 54750  
800-325-8456

SIPHON AND SIZING DETAIL  
SEPTIC MANUAL  
REV. JAN. 2008

SHEET NO.

0 OF 0

DATE:

REV NO.