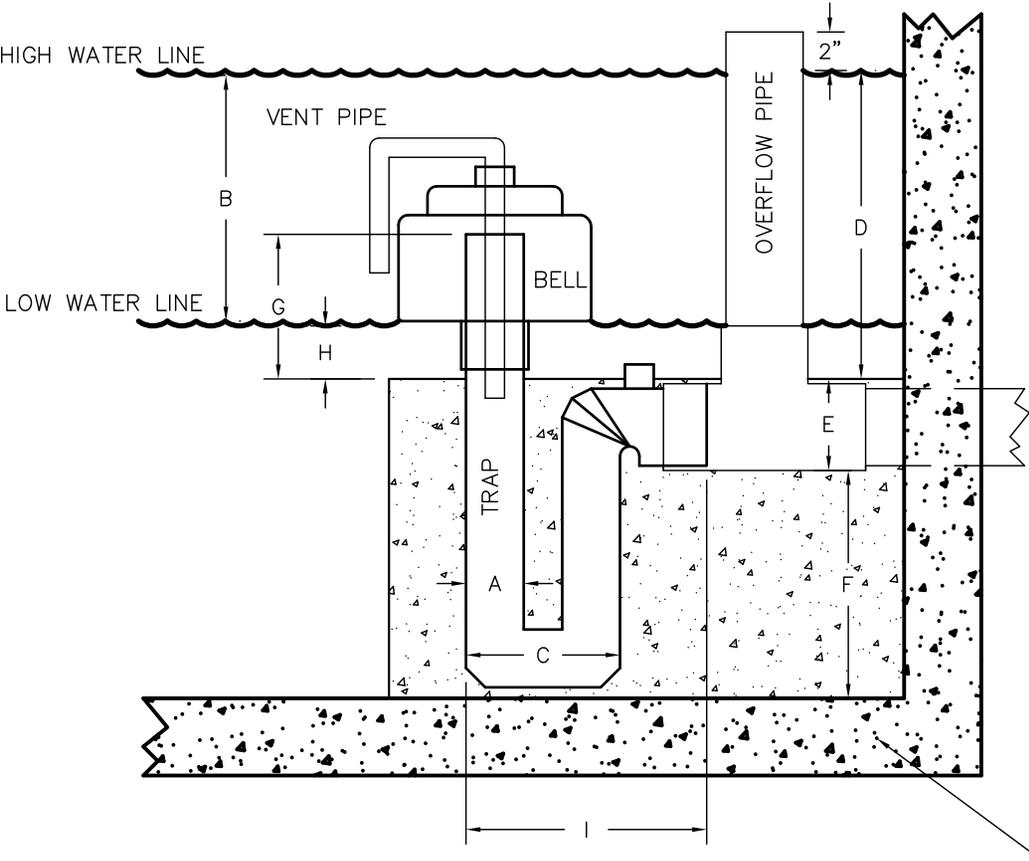


DETAIL 12 SIPHON AND SIZING DETAIL



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

WIESER CONCRETE	W3716 US HWY 10 MAIDEN ROCK, WI 54750	800-325-8456	
SIPHON AND SIZING DETAIL	SEPTIC MANUAL		
	REV. JAN. 2010		
SHEET NO.	1	OF	1
		DRAWN BY: SWT	PRE-FOUR:
		DATE: JANUARY 2010	SCALE: NTS
		REV. DATE:	POST-POUR:
		FILE: SHEET 12	