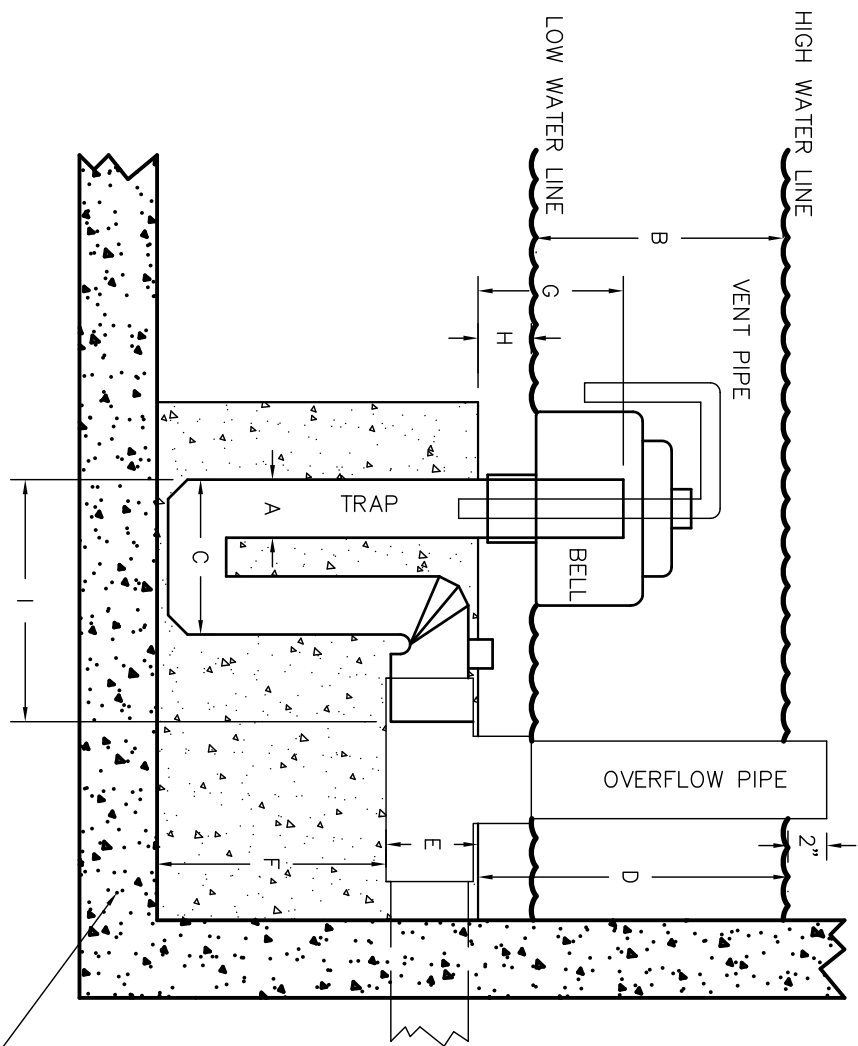


DETAIL 12 SIPHON AND SIZING DETAIL



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

APPROXIMATE DIMENSIONS IN INCHES

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