STANDARD NOTES:

- 1. Rigid outlet pipe should be 1.5 to 2 times the height of outlet structure (H), (min. 8). If over 14' long weight may need to be added to skimmer.
- 2. Inlet Orifice size can be reduced with 5" and 6" saddles provided.
- 3. Minimal assembly required. User provides rigid outlet pipe. All other materials and parts included.
- 4. Total weight of skimmer ± 116.0 lbs.

Water			with 6" Orifice Saddle		with 5" Orifice Saddle	
Depth						
Ft	cfs	cfd	cfs	cfd	cfs	cfd
0.1	0.4007	34,617	0.3062	26,453	0.1665	14,382
0.3	0.4695	40,566	0.3732	32,248	0.2257	19,503
0.5	0.5500	47,516	0.4550	39,314	0.3064	26,473
1.0	0.6440	55,641	0.5549	47,939	0.4156	35,906
1.5	0.7066	61,051	0.6228	53,812	0.4967	42,914
2.0	0.7545	65,190	0.6763	58,432	0.5638	48,710
2.5	0.7940	68,598	0.7209	62,283	0.6219	53,735
3.0	0.8276	71,505	0.7594	65,614	0.6738	58,220
3.5	0.8572	74,066	0.7935	68,559	0.7213	62,321
4.0	0.8838	76,357	0.8243	71,216	0.7648	66,076
Avg (0.5'-4')	0.7522	64,990	0.6759	58,396	0.5705	49,294

FLOW RATES BASED ON THIRD PARTY TESTING. FOR DESIGN PURPOSES WEIGHT TO COUNTER? ASSUME FLOW RATES REMAIN CONSTANT FOR DEPTHS GREATER THAN 4'.

4" FROM TOP OF PIPE TO FLOAT BUOYANCY

10" CAP 10" HDPE PIPE

(4) WEEP HOLES. TWO PER SIDE

PIPE CLAMPS (2) TO ATTACH ORIFICE SADDLE.

TOP_VIEW

17"

IF USED

FLOAT \

SIDE VIEW

6" FLEXIBLE HOSE WITH COUPLINGS (PROVIDED) 12" DEEP DEPRESSION.

INSTALL STONE OR CONC. PAD UNDER SKIMMER.

DEVELOPED BY RYMAR WATERWORKS INNOVATIONS, 08/10/18. VALID UNTIL 12/31/18. CHECK WEBSITE FOR UPDATES.

> MODEL 3 5" - 8" Marlee Float Skimmer Detail



WEB PAGE	SCALE	PROPERTY LOCATION	1
WWW.RYMARWATERWORKS.COM	N.T.S.		l
PHONE #	DATE		1
1-855-697-9333	08/13/18	County, State	

FLOAT/WEIGHT

8" DIA. WEIR

16" DIA. HDPE

SCREWS TO SECURE

COUPLING TO PIPES

MAX. LENGTH 1"

GUARD

VENT HOLE CONFIRM NOT BLOCKED BY PIPE

FLOAT/WEIGHT

WATER LEVEL 4-6" ABOVE PIPE

CABLE

6"x6" FLEXIBLE COUPLING 1/4" COATED STABILIZATION

-6" RIGID PIPE

(min. 1.5x'H')

INLET

ATTACH STABILIZATION CABLE

ATTACH

TO PIPE

OUTLET-

STRUCTURE

BY OTHERS

6" STUBOUT-

BY OTHERS

STABILIZATION CABLE

TO SKIMMER (2 LOCATIONS)