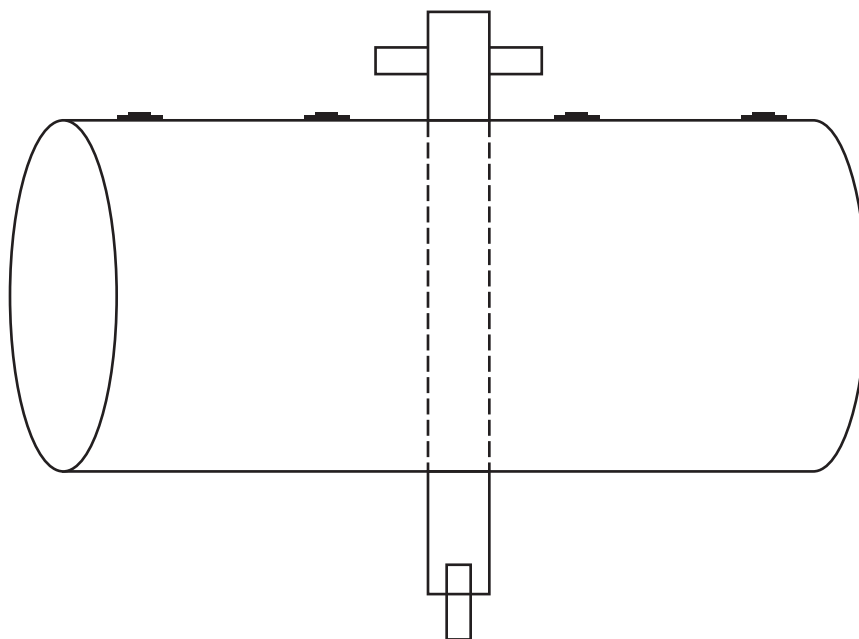




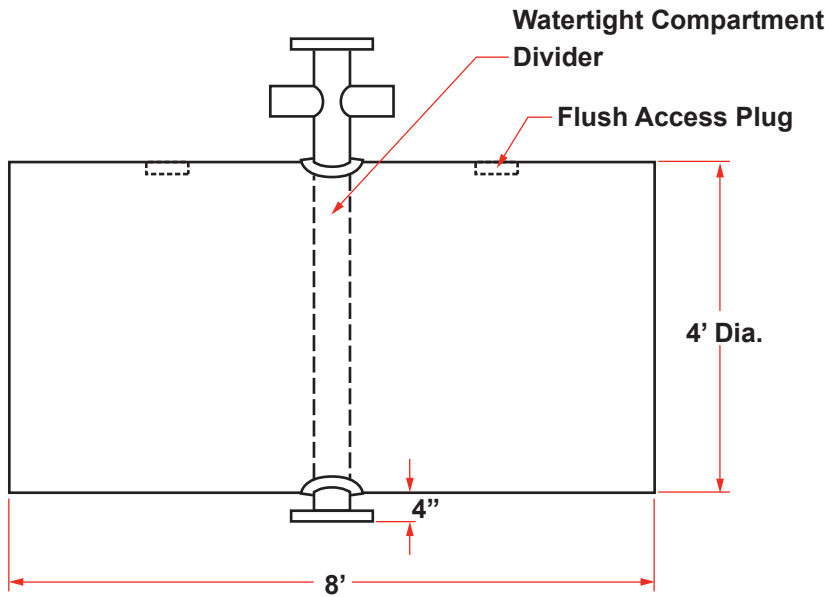
BUOYS

BUOYS

CYLINDRICAL STEEL



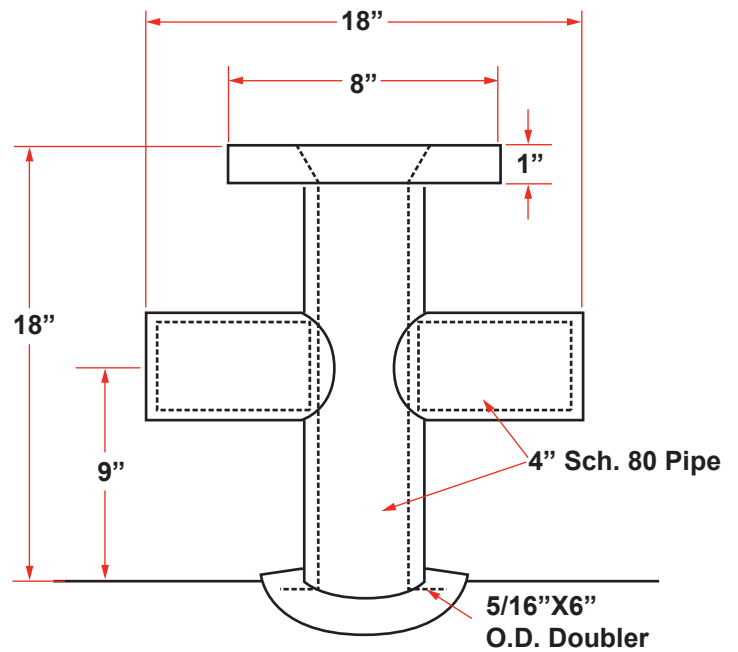
MOORING BUOY SPECIFICATIONS					
DESCRIPTION	VOLUME (CUBIC FEET)	NET BUOYANCY (POUNDS)	SHIPPING WEIGHT (POUNDS)	COMPARTMENTS	ADDITIONAL BUOYANCY PER FOOT OF LENGTH (POUNDS)
5' x 8' x 1/4" Plate	157	7,300	2,600	two	1,030
7' x 8' x 3/4" Plate	308	13,600	5,600	two	2,000
7-1/2' x 9-1/2' x 3/8" Plate	419	19,300	6,800	two	2,300
8' x 10' x 3/8" Plate	502	22,800	8,500	three	2,600
10' x 12' x 3/8" Plate	942	45,300	13,500	three	4,500
10' x 12' x 1/2" Plate	942	42,000	16,800	three	4,100
10' x 16' x 3/8" Plate	1,257	59,000	17,750	three	5,800
10' x 16' x 1/2" Plate	1,257	56,000	20,750	three	5,500



PENDANT LINE BUOYS

- 4' dia. x 8' long cylindrical buoys
- Foam filled
- Constructed of 5/16" plate
- 2 Watertight compartments
- Buoy to be sandblasted to white metal
- 1 coat Dimetcote, 2 coats high build white epoxy.
- Total buoyancy: 6400 lbs.
- Total Weight: 2100 lbs.
- Reserve buoyancy: 4300 lbs.

Other sizes available upon request.





BUOYS

CIRCUMFERENCE, AREA AND VOLUME OF CIRCLES AND CYLINDERS

DIAM. IN FEET	CIRCUMFERENCE		AREA OF CIRCLE		VOLUME OF CYLINDER PER FOOT OF HEIGHT			DIAM. IN FEET
	FEET	METERS	SQ. FEET	SQ. METERS	U.S. GALS	IMPERIAL GALS	U.S. BBLs (42 GALS)	
1	3.14	0.9576	0.785	.0730	5.9	4.9	0.140	1
2	6.28	1.9151	3.153	.2919	23.5	19.6	0.560	2
3	9.42	2.8727	7.069	.6567	52.9	44.0	1.259	3
4	12.57	3.8302	12.566	1.1675	94.0	78.3	2.238	4
5	15.71	4.7878	19.635	1.8241	146.9	122.3	3.497	5
6	18.85	5.7454	28.274	2.6268	211.5	176.1	5.04	6
7	21.99	6.7029	38.485	3.5753	287.9	239.7	6.85	7
8	25.13	7.6605	50.266	4.6698	376.0	313.1	8.95	8
9	28.27	8.6180	63.617	5.9102	475.9	396.3	11.33	9
10	31.42	9.5756	78.540	7.2966	587.5	489.2	13.99	10
11	34.56	10.5331	95.033	8.8289	710.9	591.9	16.93	11
12	37.70	11.4907	113.097	10.5071	846.0	704.5	20.14	12
13	40.84	12.4482	132.732	12.3312	992.9	826.8	23.64	13
14	43.98	13.4058	153.938	14.3013	1,151.5	958.9	27.42	14
15	47.12	14.3634	176.715	16.4173	1,321.9	1,100.7	31.47	15
16	50.27	15.3209	201.062	18.6793	1,504.0	1,252.4	35.81	16
17	53.41	16.2785	226.980	21.0871	1,697.9	1,413.8	40.43	17
18	56.55	17.2360	254.469	23.6409	1,903.6	1,585.1	45.32	18
19	59.69	18.1936	283.529	26.3407	2,120.9	1,766.1	50.50	19
20	62.83	19.1511	314.159	29.1864	2,350.1	1,956.9	55.95	20
21	65.97	20.1087	346.361	32.1780	2,591.0	2,157.4	61.69	21
22	69.12	21.0663	380.122	35.3155	2,843.6	2,367.8	67.70	22
23	72.26	22.0238	415.476	38.5989	3,108.0	2,587.9	74.00	23
24	75.40	22.9814	452.389	42.0283	3,384.1	2,817.9	80.57	24
25	78.54	23.9389	490.874	45.6037	3,672.0	3,057.6	87.43	25
26	81.68	24.8965	530.929	49.3249	3,971.6	3,307.1	94.56	26
27	84.82	25.8541	572.555	53.1921	4,283.0	3,566.4	101.98	27
28	87.97	26.8116	615.752	57.2052	4,606.1	3,835.4	109.67	28
29	91.11	27.7692	660.520	61.3643	4,941.0	4,114.3	117.64	29
30	94.25	28.7267	706.858	65.6693	5,287.7	4,402.9	125.90	30
31	97.39	29.6843	754.768	70.1202	5,646.1	4,701.4	134.43	31
32	100.53	30.6418	804.248	74.7171	6,016.2	5,009.6	143.24	32
33	103.67	31.5994	855.299	79.4598	6,398.1	5,327.5	152.34	33
34	106.81	32.5570	907.920	84.3486	6,791.7	5,655.3	161.71	34
35	109.96	33.5145	962.113	89.3832	7,197.1	5,992.9	171.36	35
36	113.10	34.4721	1,017.88	94.5638	7,614.2	6,340.2	181.29	36
37	116.24	35.4269	1,075.21	99.8903	8,043.1	6,697.4	191.50	37
38	119.38	36.3872	1,134.11	105.3627	8,483.8	7,064.3	201.99	38
39	122.52	37.3447	1,194.59	110.9811	8,936.2	7,441.0	212.77	39
40	125.66	38.3023	1,256.64	116.7454	9,400.3	7,827.4	223.82	40
41	128.81	39.2599	1,320.25	122.6556	9,876.2	8,223.7	235.15	41
42	131.95	40.2174	1,385.44	128.7118	10,363.8	8,629.7	246.76	42
43	135.09	41.1750	1,452.20	134.9139	10,863.2	9,045.6	258.65	43
44	138.23	42.1325	1,520.53	141.2619	11,374.4	9,471.2	270.82	44

NOTES:
 1. If diameters are assumed as meters, values in columns "Circumference Feet" and "Area of Circle Square Feet" will represent circumference in meters and area of circle in square meters respectively.
 2. If diameters are assumed as meters, values in column "Area of Circle Square Feet" will represent volume of cylinder in cubic meters per vertical meter of height.
 Formula to determine capacity per foot of vertical height of cylinder.

D = Diameter in Feet. 5.875185 D² = U.S. Gallons per vertical foot.
 0.1398854 D² = Barrels of 42 U.S. Gallons per vertical foot.
 0.785398 D² = D = Diameter in Meters = Cubic meters per vertical meter.

0.022240 D² = Cubic Meters per vertical foot.
 4.892148 D² = Imperial Gallons per vertical foot.

