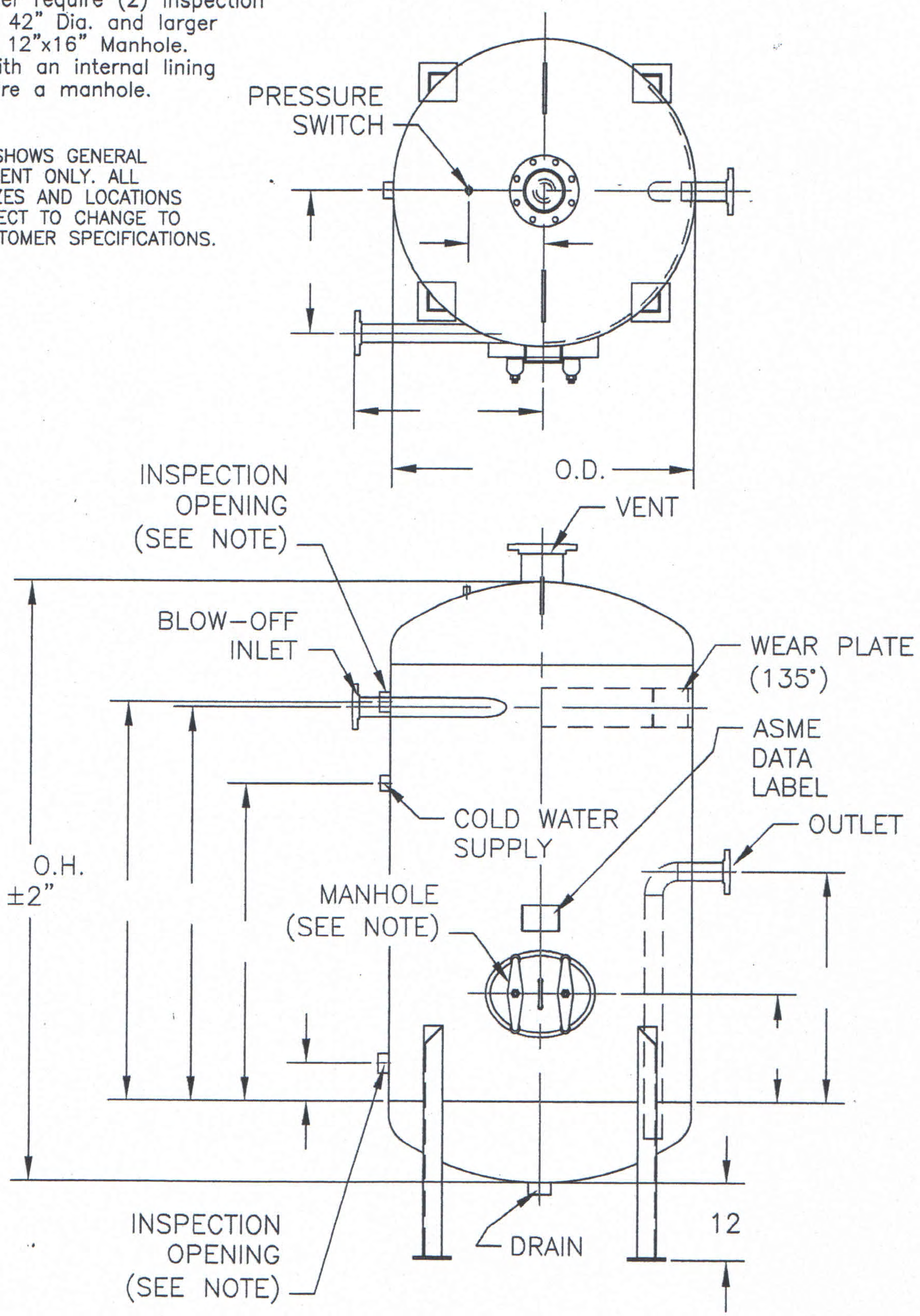
BOILER BLOW-OFF TANK

Note:
ASME stamped vessels 36" Dia. and smaller require (2) Inspection Openings. 42" Dia. and larger require a 12"x16" Manhole. Vessels with an internal lining also require a manhole.

*DRAWING SHOWS GENERAL ARRANGEMENT ONLY. ALL FITTNG SIZES AND LOCATIONS ARE SUBJECT TO CHANGE TO MEET CUSTOMER SPECIFICATIONS.



TYPE H — HORIZONTAL
TYPE V — VERTICAL

Tank No.	DIMENSIONS OD Dia. In.	DIMENSIONS L OAL Ft.	CAPACITY (gallons) Actual	CAPACITY (gallons) Nominal	OPENING SIZES A & B	C & D	E	R-Max
D 48	24	4	84	94	1½	1	1	10
D 60	24	5	107	118	1½	1	1	16
D 72	24	6	130	141	1½	1	1	22
D 84	24	7	153	165	1½	1	1	28
D 96	24	8	176	188	1½	1	1	34
D120	24	10	222	235	1½	1	1	46
E 48	30	4	127	147	1½	1	1	8
E 60	30	5	163	184	1½	1	1	14
E 72	30	6	199	220	1½	1	1	20
E 84	30	7	235	257	1½	1	1	26
E 96	30	8	270	294	1½	1	1	32
E108	30	9	306	330	1½	1	1	38
E120	30	10	342	367	1½	1	1	44
F 60	36	5	232	264	2	1½	1	13
F 72	36	6	284	317	2	1½	1	19
F 84	36	7	335	370	2	1½	1	25
F 96	36	8	387	423	2	1½	1	31
F108	36	9	439	476	2	1½	1	37
F120	36	10	490	529	2	1½	1	43
F144	36	12	594	635	2	1½	1	55
F168	36	14	697	740	2	1½	1	67
G 72	42	6	379	432	2½	1½	1½	17
G 84	42	7	450	504	2½	1½	1½	23
G 96	42	8	520	576	2½	1½	1½	29
G108	42	9	591	648	2½	1½	1½	35
G120	42	10	661	720	2½	1½	1½	41
G144	42	12	802	864	2½	1½	1½	53
G168	42	14	943	1008	2½	1½	1½	65
G192	42	16	1084	1152	2½	1½	1½	77
H 72	48	6	490	564	2½	2	1½	16
H 96	48	8	675	752	2½	2	1½	28
H120	48	10	860	940	2½	2	1½	40
H144	48	12	1045	1128	2½	2	1½	52
H168	48	14	1230	1316	2½	2	1½	64
H192	48	16	1415	1504	2½	2	1½	76
H216	48	18	1600	1692	2½	2	1½	88
J 96	54	8	844	952	2½	2	1½	26
J120	54	10	1077	1190	2½	2	1½	38
J144	54	12	1311	1428	2½	2	1½	50
J168	54	14	1546	1666	2½	2	1½	62
J192	54	16	1780	1904	2½	2	1½	74
J216	54	18	2014	2142	2½	2	1½	86
J240	54	20	2248	2380	2½	2	1½	98
K 96	60	8	1030	1175	3	2½	1½	25
K120	60	10	1320	1469	3	2½	1½	37
K144	60	12	1609	1763	3	2½	1½	49
K168	60	14	1899	2056	3	2½	1½	61
K192	60	16	2188	2350	3	2½	1½	73
K216	60	18	2478	2644	3	2½	1½	85
K240	60	20	2768	2938	3	2½	1½	97
K288	60	24	3347	3525	3	2½	1½	119
K360	60	30	4215	4408	3	2½	1½	157

Tank No.	DIMENSIONS OD Dia. In.	DIMENSIONS L OAL Ft.	CAPACITY (gallons) Actual	CAPACITY (gallons) Nominal	OPENING SIZES A & B	C & D	E	R-Max.
L 96	66	8	1281	1408	3	2½	1½	23
L120	66	10	1632	1760	3	2½	1½	35
L144	66	12	1983	2112	3	2½	1½	47
L168	66	14	2334	2465	3	2½	1½	59
L192	66	16	2685	2817	3	2½	1½	71
L216	66	18	3036	3169	3	2½	1½	83
L240	66	20	3387	3521	3	2½	1½	95
L288	66	24	4089	4225	3	2½	1½	119
L360	66	30	5141	5281	3	2½	1½	155
M120	72	10	1864	2115	3	2½	1½	34
M144	72	12	2281	2538	3	2½	1½	46
M168	72	14	2699	2961	3	2½	1½	58
M192	72	16	3116	3384	3	2½	1½	70
M216	72	18	3533	3807	3	2½	1½	82
M240	72	20	3950	4230	3	2½	1½	94
M288	72	24	4784	5076	3	2½	1½	118
M360	72	30	6036	6351	3	2½	1½	154
P120	84	10	2490	2879	4	2½	1½	31
P144	84	12	3058	3455	4	2½	1½	43
P168	84	14	3626	4030	4	2½	1½	55
P192	84	16	4195	4606	4	2½	1½	67
P216	84	18	4763	5182	4	2½	1½	79
P240	84	20	5331	5758	4	2½	1½	91
P264	84	22	5899	6334	4	2½	1½	103
P288	84	24	6467	6909	4	2½	1½	114
P312	84	26	7035	7486	4	2½	1½	126
P336	84	28	7603	8061	4	2½	1½	138
P360	84	30	8171	8637	4	2½	1½	151
S120	96	10	3193	3760	4	2½	1½	28
S144	96	12	3935	4512	4	2½	1½	40
S168	96	14	4677	5264	4	2½	1½	52
S196	96	16	5419	6016	4	2½	1½	64
S216	96	18	6162	6768	4	2½	1½	76
S240	96	20	6904	7520	4	2½	1½	88
S264	96	22	7646	8272	4	2½	1½	100
S288	96	24	8388	9024	4	2½	1½	112
S312	96	26	9131	9776	4	2½	1½	124
S336	96	28	9873	10528	4	2½	1½	136
S360	96	30	10615	11280	4	2½	1½	148
S384	96	32	11357	12032	4	2½	1½	160
S408	96	34	12100	12784	4	2½	1½	172

All Dimensions in Inches Unless Otherwise Indicated.

A.S.M.E. requirements state that if the opening is greater than 3" and the working pressure is greater than 125 PSI, the opening must be a flanged nozzle.

(1) 12" × 16" manhole is required on A.S.M.E. tanks 42" diameter and larger.

(2) Support details are shown on pages 31 and 32.

(3) Clearance can be changed as required.

(4) On all lined tanks 30" and under, manhole must be in center of the head.