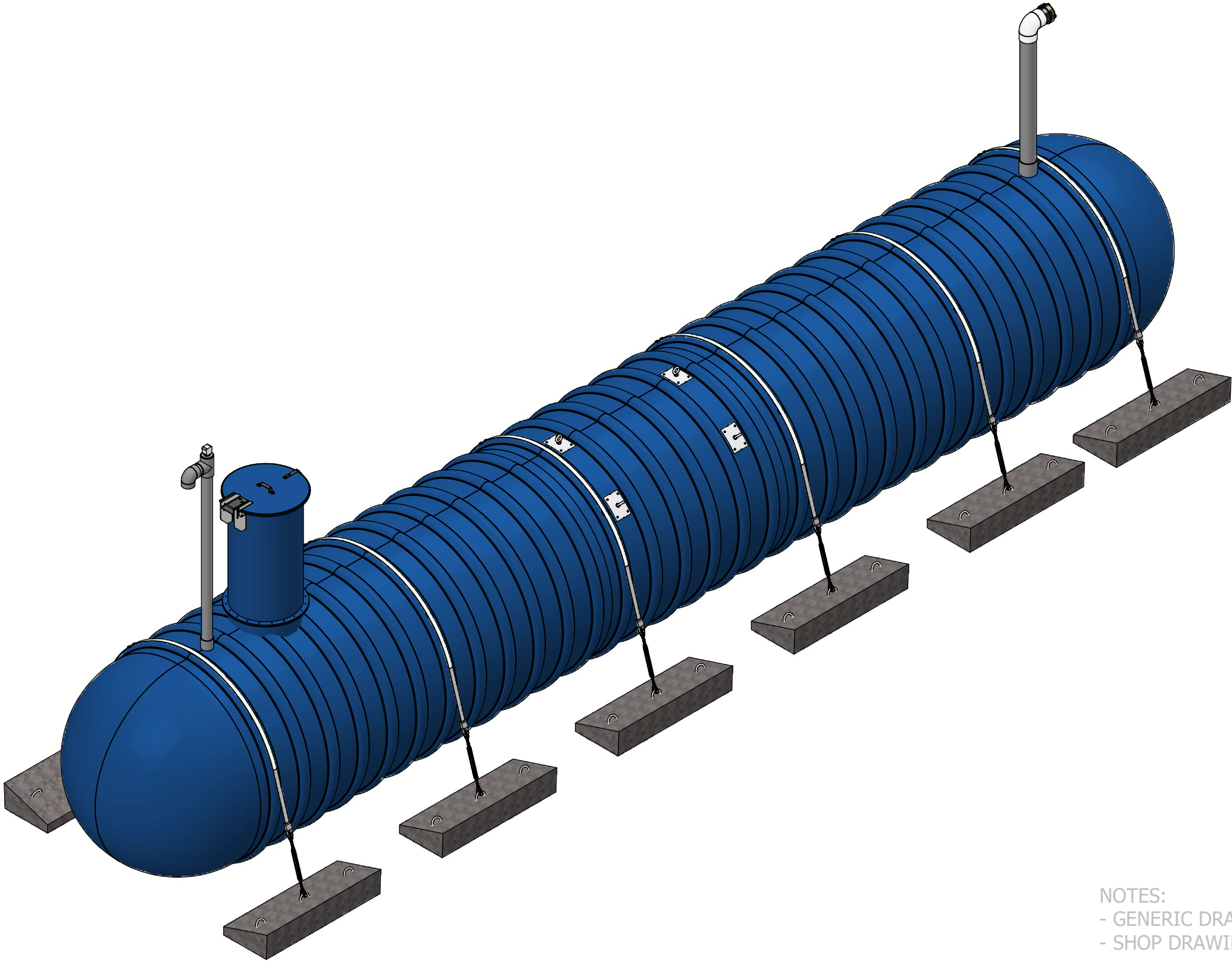


NN08300591FP

FIBERGLASS TANK
TOTAL CAPACITY : 16102 US gal
NET CAPACITY : 15685 US gal

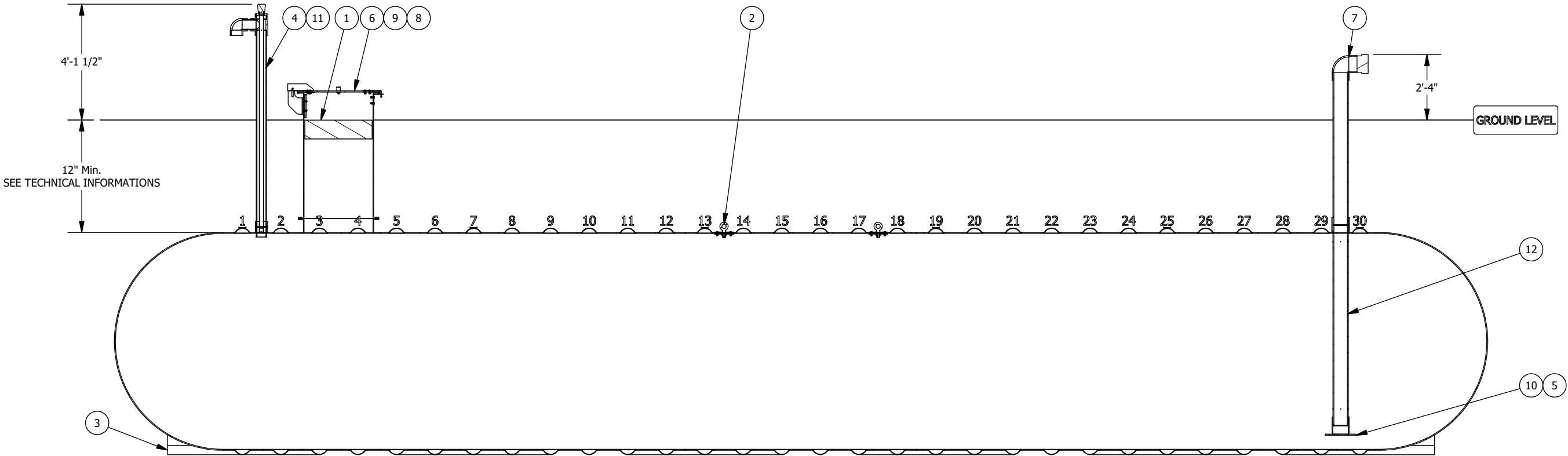
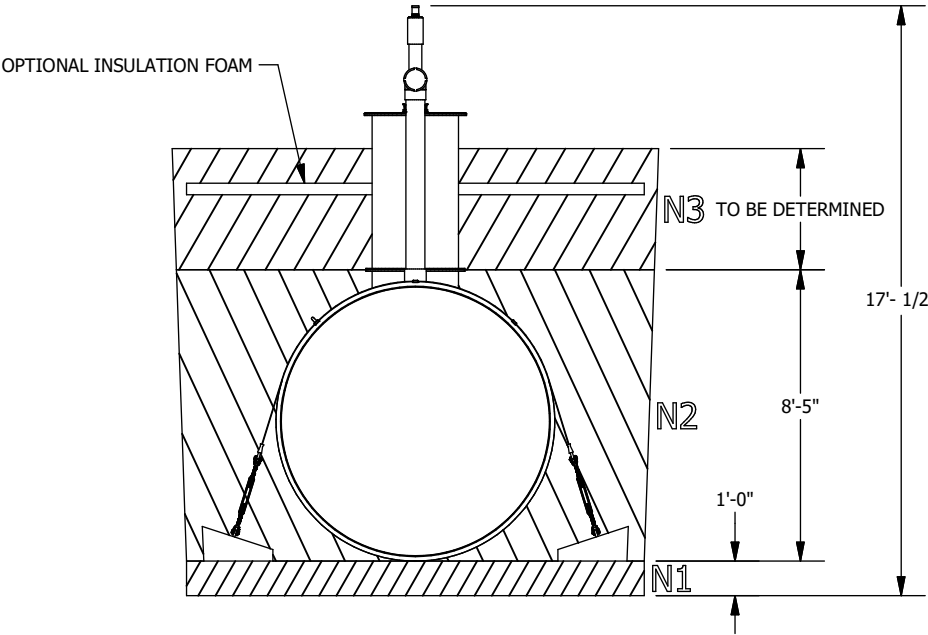


NOTES:
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- SHOP DRAWING AVAILABLE ON REQUEST

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TOLERANCES (LINEAR)			Revision description				
FEET DIM. -> ± 1% 0.0 -> ± 0.5"							
0.00 -> ± 0.25" 0.000 -> ± 0.125"							
TOLERANCES (ANGULAR)		Drawn by O. Marin	15/01/2024	Format B		Part no. NN08300591FP	REV 02
0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG.							
Weight : 5667 Lb		Approved by :		Title 8' Dia. TANK - 16102 US gal			
# Project							
Client		Sheet 1 / 4					

Item	Part Number	Qty	Description	Check List
1	ADF0000001	1	FOAM 28-3/4" DIA. x 8" / R-35	
2	ADP0000001	4	LIFTING LUG	
3	ENSCOUR8	6	ANCHORING KIT	
4	EV480J	1	4" SCH. 80 VENT KIT WITH GAUGE AND SST BIRD SCREEN	
5	FPU0600401	1	6" F X 6" F - SCH.40 - COUPLING GRAY	
6	GMHE30-COVER01	1	30" DIA. FRP. - LOCKABLE MAN HOLE COVER WITH HINGE	
7	KB-BNH0600090	1	6"NH 90° - FIRE HYDRANT KIT	
8	MH-30 (6"L.)	1	30" DIA. x 6" L. - MANHOLE	
9	MHE-30 (54"L.)	1	30" DIA. x 54" L. - MANHOLE EXTENSION	
10	PFV01313	1	0.5" x 13.25" x 13.25" - ANTI-VORTEX PLATE	
11	TP80400G01 (4.25"L.)	1	4" SCH.80 GREY PVC PIPE	
12	TP80600G01 (85.453"L.)	1	6" SCH.80 GREY PVC PIPE	

BACKFILL PROPERTIES
N1 - 1/8" TO 3/4" PEA GRAVEL OR 1/2" CRUSHED STONE
N2 - PRIMARY BACKFILL, 1/8" TO 3/4" PEA GRAVEL OR 1/2" CRUSHED STONE
N3 - SECONDARY BACKFILL, COARSE SAND OR GRAVEL 1 1/2" OR LESS



SECTION ELEVATION VIEW

Optional anchoring depending on the tank's environment

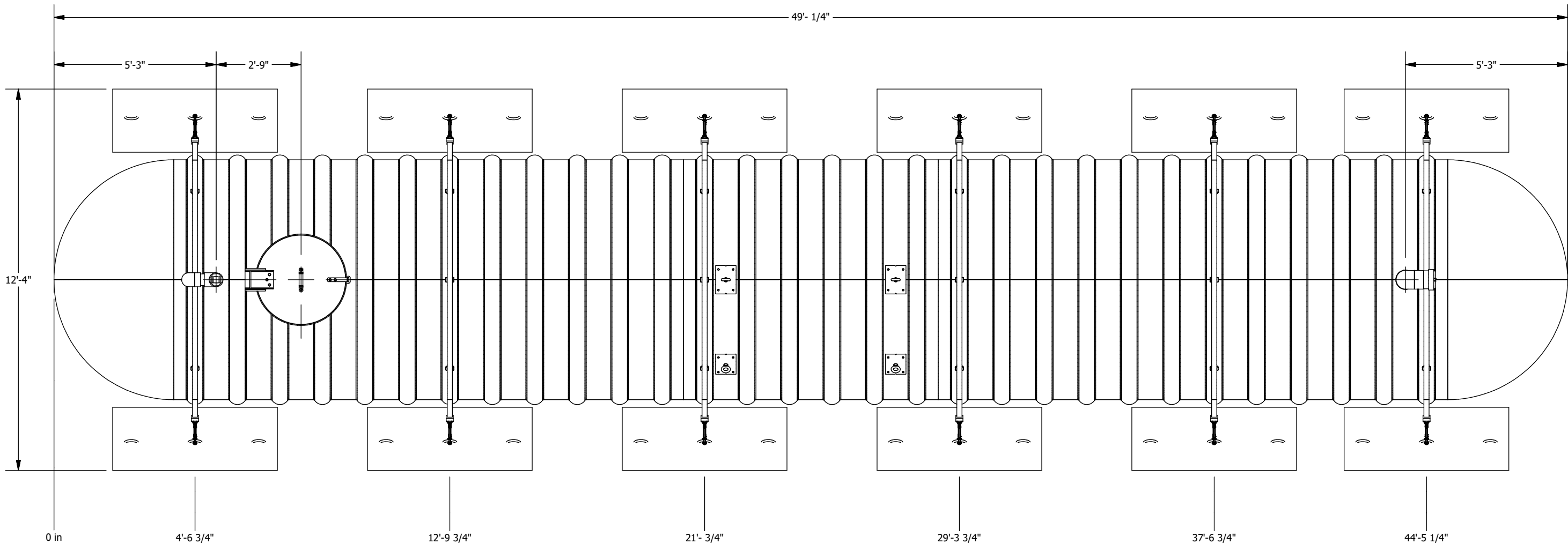
Technical informations

- Burrial depth: According to the geotechnical installation conditions
- Inside Diameter : 92.25
- (If required) Quantity of fiberglass anchoring straps : 6
- (If required) Quantity of reinforced concrete deadman anchors : 12
- Simultaneous lifting by 2 lugs. The angle of the (chains or belts, etc.) must not be less than 60° from the horizontal
- The weight on the drawing does not include kits of belts and concrete blocks.
- HS-20 rated for burial depth from 36 to 84 inches
- Manufactured according to ANSI-AWWA D120 requirements
- Airtightness test performed at the factory at 5psig

The tank must be installed in accordance with the manufacturer's instructions.

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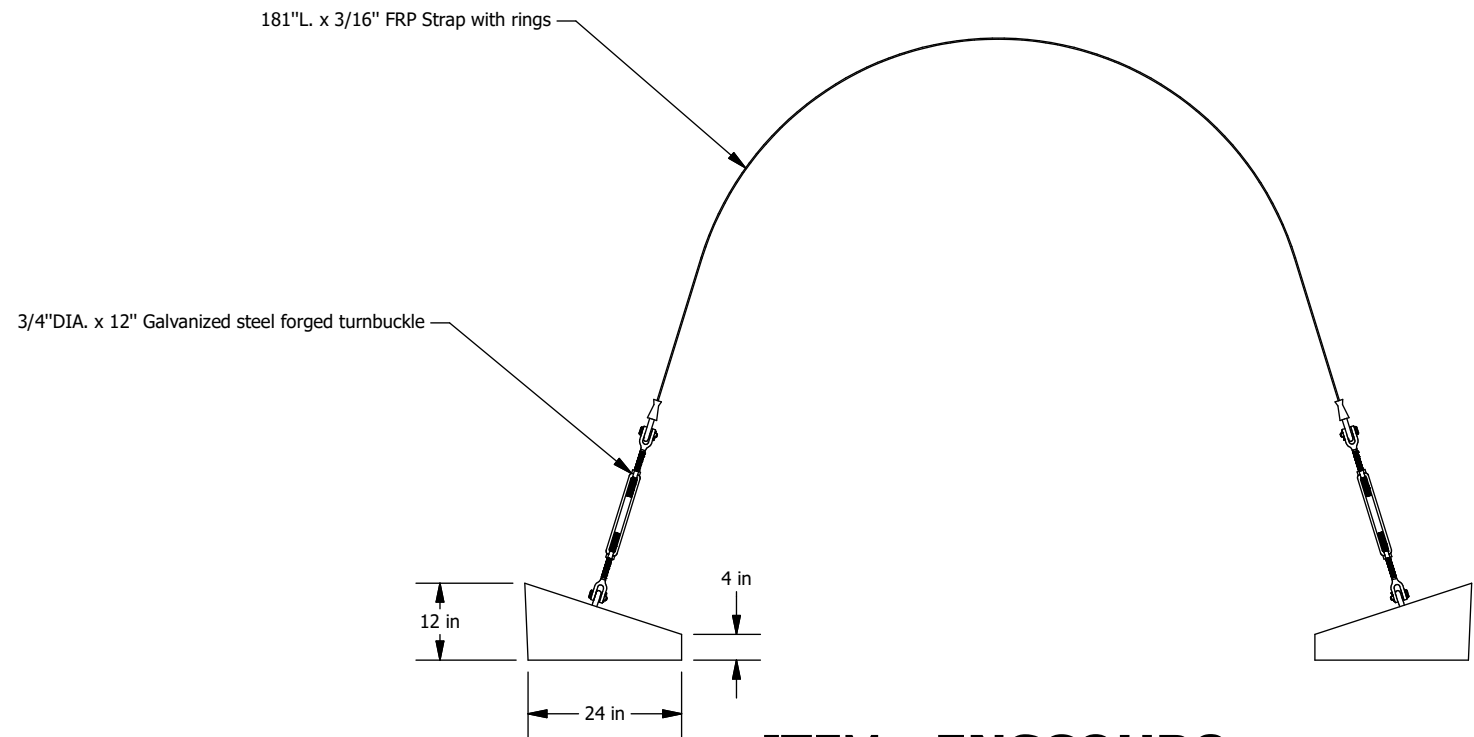
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TOLERANCES (LINEAR)				Revision description	
FEET DIM. -> ±1% 0.0 -> ±0.5"					
0.00 -> ±0.25" 0.000 -> ±0.125"					
TOLERANCES (ANGULAR)		Drawn by O. Marin		Format B	
0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG.				Part no. NN08300591FP	
0.00 -> ± 0.1 DEG.		15/01/2024		REV 02.	
Weight :		Approved by :		Title	
5667 Lb				8' Dia. TANK - 16102 US gal	
Client		# Project		Sheet	
				2 / 4	



PLAN VIEW

NOTES:
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TOLERANCES (LINEAR)			 GRANBY COMPOSITES				Revision description							
FEET DIM. -> ±1% 0.0 -> ±0.5"							0.00 -> ±0.25" 0.000 -> ±0.125"			Format B		Part no. NN08300591FP		REV 02 .
TOLERANCES (ANGULAR)							Drawn by O. Marin		15/01/2024		Title			
0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG.			0.00 -> ± 0.1 DEG.		Approved by :		8' Dia. TANK - 16102 US gal							
Weight : 5667 Lb														
Client		# Project				Sheet 3 / 4								



ITEM : ENSCOUR8



Fiberglass Strap Guide
Directly installed on the tank

- Turnbuckle**
- Forged carbon steel, hot-dip galvanized
 - In accordance with US specifications FF-T-791B Type 1, Form 1 (open cage).
 - Safety factor 5:1
 - Working load 5,200 Lbs
- Concrete deadman anchor**
- Weight : 1,093 Lbs
 - Reinforced with galvanized steel
- Fiberglass strap**
- High quality fiberglass
 - Working load 20,000 Lbs
 - Ultimate rated 45,000 Lbs
 - Equipped with galvanized steel rings

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TOLERANCES (LINEAR)			Revision description			
FEET DIM. -> ± 1% 0.0 -> ± 0.5"						
0.00 -> ± 0.25" 0.000 -> ± 0.125"						
TOLERANCES (ANGULAR)		Drawn by O. Marin	04/10/2018	Format	Part no.	REV
0 -> ± 2 DEG.				B	ENSCOUR8	A.
0.0 -> ± 0.5 DEG.						
Weight :						
Client		# Project	Sheet	ANCHORING KIT		
			4 / 4			



CAPACITY CHART FOR NN08300591 TANK

Height (in)	Gallons (U.S.)	Height (in)	Gallons (U.S.)	Height (in)	Gallons (U.S.)	Height (in)	Gallons (U.S.)	Height (in)	Gallons (U.S.)	Height (in)	Gallons (U.S.)	Height (in)	Gallons (U.S.)	Height (in)	Gallons (U.S.)	Height (in)	Gallons (U.S.)	Height (in)	Gallons (U.S.)	Height (in)	Gallons (U.S.)
-		6	417	12	1178	18	2146	24	3261	30	4482	36	5778	42	7118	48	8476	54	9826	60	11142
1/8	2	6 1/8	431	12 1/8	1196	18 1/8	2168	24 1/8	3285	30 1/8	4509	36 1/8	5805	42 1/8	7146	48 1/8	8504	54 1/8	9854	60 1/8	11168
1/4	4	6 1/4	444	12 1/4	1215	18 1/4	2190	24 1/4	3310	30 1/4	4535	36 1/4	5833	42 1/4	7174	48 1/4	8533	54 1/4	9882	60 1/4	11195
3/8	7	6 3/8	457	12 3/8	1233	18 3/8	2212	24 3/8	3334	30 3/8	4562	36 3/8	5861	42 3/8	7203	48 3/8	8561	54 3/8	9910	60 3/8	11222
1/2	10	6 1/2	471	12 1/2	1252	18 1/2	2234	24 1/2	3359	30 1/2	4588	36 1/2	5888	42 1/2	7231	48 1/2	8589	54 1/2	9938	60 1/2	11249
5/8	14	6 5/8	484	12 5/8	1271	18 5/8	2256	24 5/8	3384	30 5/8	4614	36 5/8	5916	42 5/8	7259	48 5/8	8618	54 5/8	9965	60 5/8	11276
3/4	19	6 3/4	498	12 3/4	1289	18 3/4	2278	24 3/4	3408	30 3/4	4641	36 3/4	5944	42 3/4	7287	48 3/4	8646	54 3/4	9993	60 3/4	11302
7/8	23	6 7/8	512	12 7/8	1308	18 7/8	2300	24 7/8	3433	30 7/8	4668	36 7/8	5971	42 7/8	7316	48 7/8	8674	54 7/8	10021	60 7/8	11329
1	28	7	526	13	1327	19	2323	25	3458	31	4694	37	5999	43	7344	49	8702	55	10049	61	11356
1 1/8	34	7 1/8	540	13 1/8	1346	19 1/8	2345	25 1/8	3483	31 1/8	4721	37 1/8	6027	43 1/8	7372	49 1/8	8731	55 1/8	10076	61 1/8	11382
1 1/4	40	7 1/4	555	13 1/4	1365	19 1/4	2367	25 1/4	3508	31 1/4	4747	37 1/4	6054	43 1/4	7400	49 1/4	8759	55 1/4	10104	61 1/4	11409
1 3/8	46	7 3/8	569	13 3/8	1384	19 3/8	2390	25 3/8	3533	31 3/8	4774	37 3/8	6082	43 3/8	7429	49 3/8	8787	55 3/8	10132	61 3/8	11435
1 1/2	52	7 1/2	584	13 1/2	1403	19 1/2	2412	25 1/2	3558	31 1/2	4801	37 1/2	6110	43 1/2	7457	49 1/2	8815	55 1/2	10159	61 1/2	11462
1 5/8	59	7 5/8	598	13 5/8	1423	19 5/8	2435	25 5/8	3583	31 5/8	4827	37 5/8	6138	43 5/8	7485	49 5/8	8844	55 5/8	10187	61 5/8	11488
1 3/4	66	7 3/4	613	13 3/4	1442	19 3/4	2458	25 3/4	3608	31 3/4	4854	37 3/4	6165	43 3/4	7513	49 3/4	8872	55 3/4	10215	61 3/4	11515
1 7/8	73	7 7/8	628	13 7/8	1462	19 7/8	2480	25 7/8	3633	31 7/8	4881	37 7/8	6193	43 7/8	7542	49 7/8	8900	55 7/8	10242	61 7/8	11541
2	80	8	643	14	1481	20	2503	26	3658	32	4908	38	6221	44	7570	50	8928	56	10270	62	11568
2 1/8	88	8 1/8	658	14 1/8	1501	20 1/8	2526	26 1/8	3683	32 1/8	4934	38 1/8	6249	44 1/8	7598	50 1/8	8957	56 1/8	10297	62 1/8	11594
2 1/4	96	8 1/4	673	14 1/4	1521	20 1/4	2549	26 1/4	3708	32 1/4	4961	38 1/4	6277	44 1/4	7627	50 1/4	8985	56 1/4	10325	62 1/4	11620
2 3/8	104	8 3/8	689	14 3/8	1540	20 3/8	2572	26 3/8	3734	32 3/8	4988	38 3/8	6305	44 3/8	7655	50 3/8	9013	56 3/8	10353	62 3/8	11647
2 1/2	112	8 1/2	704	14 1/2	1560	20 1/2	2595	26 1/2	3759	32 1/2	5015	38 1/2	6332	44 1/2	7683	50 1/2	9041	56 1/2	10380	62 1/2	11673
2 5/8	120	8 5/8	720	14 5/8	1580	20 5/8	2618	26 5/8	3784	32 5/8	5042	38 5/8	6360	44 5/8	7712	50 5/8	9069	56 5/8	10408	62 5/8	11699
2 3/4	129	8 3/4	735	14 3/4	1600	20 3/4	2641	26 3/4	3810	32 3/4	5069	38 3/4	6388	44 3/4	7740	50 3/4	9098	56 3/4	10435	62 3/4	11725
2 7/8	138	8 7/8	751	14 7/8	1620	20 7/8	2664	26 7/8	3835	32 7/8	5096	38 7/8	6416	44 7/8	7768	50 7/8	9126	56 7/8	10462	62 7/8	11752
3	147	9	767	15	1640	21	2688	27	3860	33	5123	39	6444	45	7797	51	9154	57	10490	63	11778
3 1/8	157	9 1/8	783	15 1/8	1661	21 1/8	2711	27 1/8	3886	33 1/8	5150	39 1/8	6472	45 1/8	7825	51 1/8	9182	57 1/8	10517	63 1/8	11804
3 1/4	166	9 1/4	799	15 1/4	1681	21 1/4	2734	27 1/4	3912	33 1/4	5177	39 1/4	6500	45 1/4	7853	51 1/4	9210	57 1/4	10545	63 1/4	11830
3 3/8	176	9 3/8	815	15 3/8	1701	21 3/8	2758	27 3/8	3937	33 3/8	5204	39 3/8	6528	45 3/8	7881	51 3/8	9238	57 3/8	10572	63 3/8	11856
3 1/2	186	9 1/2	831	15 1/2	1722	21 1/2	2781	27 1/2	3963	33 1/2	5231	39 1/2	6556	45 1/2	7910	51 1/2	9266	57 1/2	10599	63 1/2	11882
3 5/8	196	9 5/8	848	15 5/8	1742	21 5/8	2805	27 5/8	3988	33 5/8	5258	39 5/8	6584	45 5/8	7938	51 5/8	9294	57 5/8	10627	63 5/8	11908
3 3/4	206	9 3/4	864	15 3/4	1763	21 3/4	2828	27 3/4	4014	33 3/4	5285	39 3/4	6612	45 3/4	7966	51 3/4	9323	57 3/4	10654	63 3/4	11934
3 7/8	216	9 7/8	881	15 7/8	1784	21 7/8	2852	27 7/8	4040	33 7/8	5313	39 7/8	6640	45 7/8	7995	51 7/8	9351	57 7/8	10681	63 7/8	11960
4	227	10	898	16	1804	22	2875	28	4066	34	5340	40	6668	46	8023	52	9379	58	10709	64	11986
4 1/8	238	10 1/8	915	16 1/8	1825	22 1/8	2899	28 1/8	4091	34 1/8	5367	40 1/8	6696	46 1/8	8051	52 1/8	9407	58 1/8	10736	64 1/8	12012
4 1/4	249	10 1/4	931	16 1/4	1846	22 1/4	2923	28 1/4	4117	34 1/4	5394	40 1/4	6724	46 1/4	8080	52 1/4	9435	58 1/4	10763	64 1/4	12037
4 3/8	260	10 3/8	948	16 3/8	1867	22 3/8	2947	28 3/8	4143	34 3/8	5421	40 3/8	6752	46 3/8	8108	52 3/8	9463	58 3/8	10790	64 3/8	12063
4 1/2	271	10 1/2	966	16 1/2	1888	22 1/2	2971	28 1/2	4169	34 1/2	5449	40 1/2	6780	46 1/2	8136	52 1/2	9491	58 1/2	10817	64 1/2	12089
4 5/8	282	10 5/8	983	16 5/8	1909	22 5/8	2994	28 5/8	4195	34 5/8	5476	40 5/8	6808	46 5/8	8165	52 5/8	9519	58 5/8	10845	64 5/8	12114
4 3/4	294	10 3/4	1000	16 3/4	1930	22 3/4	3018	28 3/4	4221	34 3/4	5503	40 3/4	6836	46 3/4	8193	52 3/4	9547	58 3/4	10872	64 3/4	12140
4 7/8	306	10 7/8	1017	16 7/8	1952	22 7/8	3042	28 7/8	4247	34 7/8	5531	40 7/8	6865	46 7/8	8221	52 7/8	9575	58 7/8	10899	64 7/8	12166
5	317	11	1035	17	1973	23	3067	29	4273	35	5558	41	6893	47	8250	53	9603	59	10926	65	12191
5 1/8	329	11 1/8	1052	17 1/8	1994	23 1/8	3091	29 1/8	4299	35 1/8	5586	41 1/8	6921	47 1/8	8278	53 1/8	9631	59 1/8	10953	65 1/8	12217
5 1/4	342	11 1/4	1070	17 1/4	2016	23 1/4	3115	29 1/4	4325	35 1/4	5613	41 1/4	6949	47 1/4	8306	53 1/4	9659	59 1/4	10980	65 1/4	12242
5 3/8	354	11 3/8	1088	17 3/8	2037	23 3/8	3139	29 3/8	4351	35 3/8	5640	41 3/8	6977	47 3/8	8335	53 3/8	9687	59 3/8	11007	65 3/8	12268
5 1/2	366	11 1/2	1106	17 1/2	2059	23 1/2	3163	29 1/2	4377	35 1/2	5668	41 1/2	7005	47 1/2	8363	53 1/2	9715	59 1/2	11034	65 1/2	12293
5 5/8	379	11 5/8	1124	17 5/8	2080	23 5/8	3188	29 5/8	4404	35 5/8	5695	41 5/8	7033	47 5/8	8391	53 5/8	9743	59 5/8	11061	65 5/8	12319
5 3/4	392	11 3/4	1142	17 3/4	2102	23 3/4	3212	29 3/4	4430	35 3/4	5723	41 3/4	7062	47 3/4	8420	53 3/4	9770	59 3/4	11088	65 3/4	12344
5 7/8	404	11 7/8	1160	17 7/8	2124	23 7/8	3236	29 7/8	4456	35 7/8	5750	41 7/8	7090	47 7/8	8448	53 7/8	9798	59 7/8	11115	65 7/8	12369

** PRECISION IS ABOUT +/- 1%



CAPACITY CHART FOR NN08300591 TANK

Height (in)	Gallons (U.S.)	Height (in)	Gallons (U.S.)	Height (in)	Gallons (U.S.)	Height (in)	Gallons (U.S.)	Height (in)	Gallons (U.S.)	Height (in)	Gallons (U.S.)	Height (in)	Gallons (U.S.)	Height (in)	Gallons (U.S.)	Height (in)	Gallons (U.S.)	Height (in)	Gallons (U.S.)	Height (in)	Gallons (U.S.)
66	12395	69	12988	72	13554	75	14087	78	14582	81	15033	84	15430	87	15761	90	16007				
66 1/8	12420	69 1/8	13012	72 1/8	13577	75 1/8	14109	78 1/8	14602	81 1/8	15050	84 1/8	15445	87 1/8	15773	90 1/8	16015				
66 1/4	12445	69 1/4	13036	72 1/4	13600	75 1/4	14130	78 1/4	14622	81 1/4	15068	84 1/4	15460	87 1/4	15785	90 1/4	16023				
66 3/8	12470	69 3/8	13060	72 3/8	13622	75 3/8	14151	78 3/8	14641	81 3/8	15085	84 3/8	15475	87 3/8	15797	90 3/8	16030				
66 1/2	12495	69 1/2	13084	72 1/2	13645	75 1/2	14173	78 1/2	14661	81 1/2	15103	84 1/2	15490	87 1/2	15809	90 1/2	16037				
66 5/8	12520	69 5/8	13108	72 5/8	13668	75 5/8	14194	78 5/8	14680	81 5/8	15120	84 5/8	15505	87 5/8	15821	90 5/8	16044				
66 3/4	12545	69 3/4	13132	72 3/4	13690	75 3/4	14215	78 3/4	14699	81 3/4	15137	84 3/4	15519	87 3/4	15832	90 3/4	16051				
66 7/8	12570	69 7/8	13156	72 7/8	13713	75 7/8	14236	78 7/8	14719	81 7/8	15154	84 7/8	15534	87 7/8	15843	90 7/8	16057				
67	12595	70	13180	73	13736	76	14257	79	14738	82	15171	85	15548	88	15854	91	16063				
67 1/8	12620	70 1/8	13204	73 1/8	13758	76 1/8	14278	79 1/8	14757	82 1/8	15188	85 1/8	15563	88 1/8	15865	91 1/8	16069				
67 1/4	12645	70 1/4	13227	73 1/4	13780	76 1/4	14298	79 1/4	14776	82 1/4	15205	85 1/4	15577	88 1/4	15876	91 1/4	16074				
67 3/8	12670	70 3/8	13251	73 3/8	13803	76 3/8	14319	79 3/8	14795	82 3/8	15222	85 3/8	15591	88 3/8	15887	91 3/8	16079				
67 1/2	12694	70 1/2	13275	73 1/2	13825	76 1/2	14340	79 1/2	14814	82 1/2	15238	85 1/2	15605	88 1/2	15897	91 1/2	16084				
67 5/8	12719	70 5/8	13298	73 5/8	13847	76 5/8	14361	79 5/8	14832	82 5/8	15255	85 5/8	15618	88 5/8	15907	91 5/8	16089				
67 3/4	12744	70 3/4	13322	73 3/4	13869	76 3/4	14381	79 3/4	14851	82 3/4	15271	85 3/4	15632	88 3/4	15917	91 3/4	16093				
67 7/8	12768	70 7/8	13345	73 7/8	13891	76 7/8	14402	79 7/8	14870	82 7/8	15288	85 7/8	15646	88 7/8	15927	91 7/8	16096				
68	12793	71	13369	74	13913	77	14422	80	14888	83	15304	86	15659	89	15937	92	16099				
68 1/8	12818	71 1/8	13392	74 1/8	13935	77 1/8	14442	80 1/8	14906	83 1/8	15320	86 1/8	15672	89 1/8	15946	92 1/8	16101				
68 1/4	12842	71 1/4	13415	74 1/4	13957	77 1/4	14462	80 1/4	14925	83 1/4	15336	86 1/4	15685	89 1/4	15956	92 1/4	16102				
68 3/8	12867	71 3/8	13439	74 3/8	13979	77 3/8	14483	80 3/8	14943	83 3/8	15352	86 3/8	15698	89 3/8	15965	92 3/8	16102				
68 1/2	12891	71 1/2	13462	74 1/2	14001	77 1/2	14503	80 1/2	14961	83 1/2	15368	86 1/2	15711	89 1/2	15974						
68 5/8	12915	71 5/8	13485	74 5/8	14022	77 5/8	14523	80 5/8	14979	83 5/8	15383	86 5/8	15724	89 5/8	15982						
68 3/4	12940	71 3/4	13508	74 3/4	14044	77 3/4	14543	80 3/4	14997	83 3/4	15399	86 3/4	15737	89 3/4	15991						
68 7/8	12964	71 7/8	13531	74 7/8	14066	77 7/8	14563	80 7/8	15015	83 7/8	15414	86 7/8	15749	89 7/8	15999						

** PRECISION IS ABOUT +/- 1%