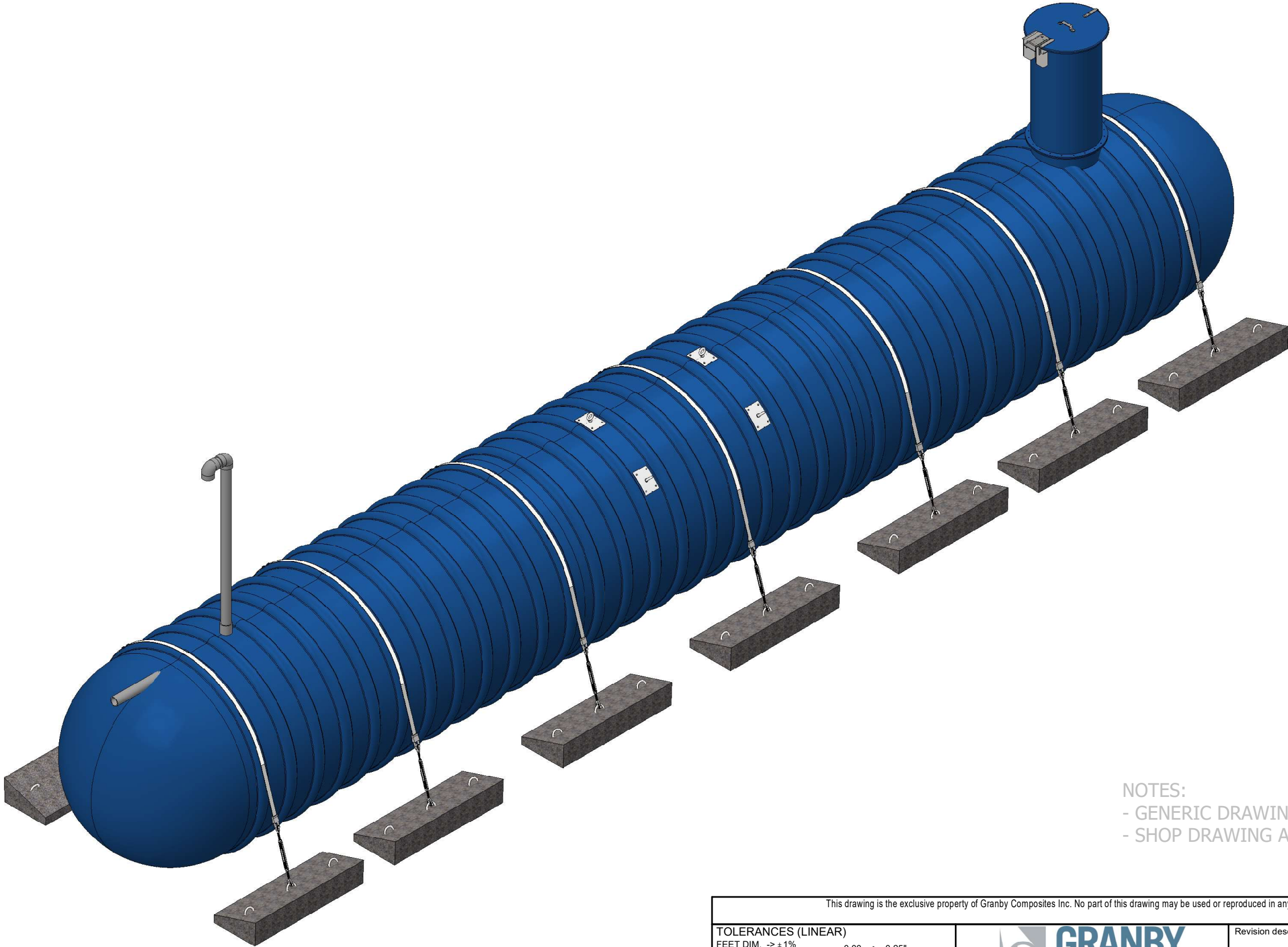


NN08340669EU

FIBERGLASS TANK



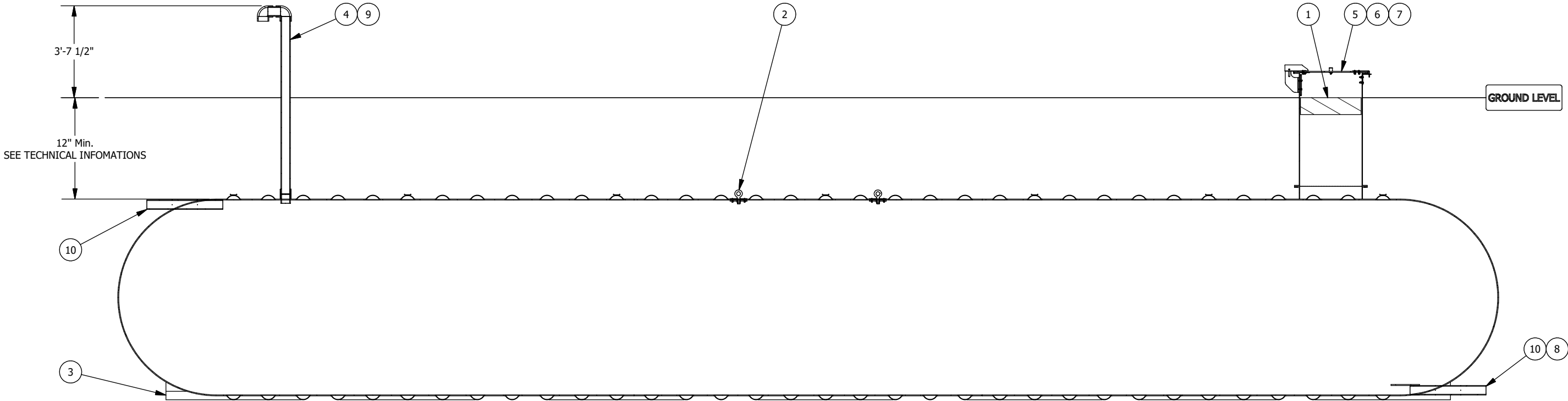
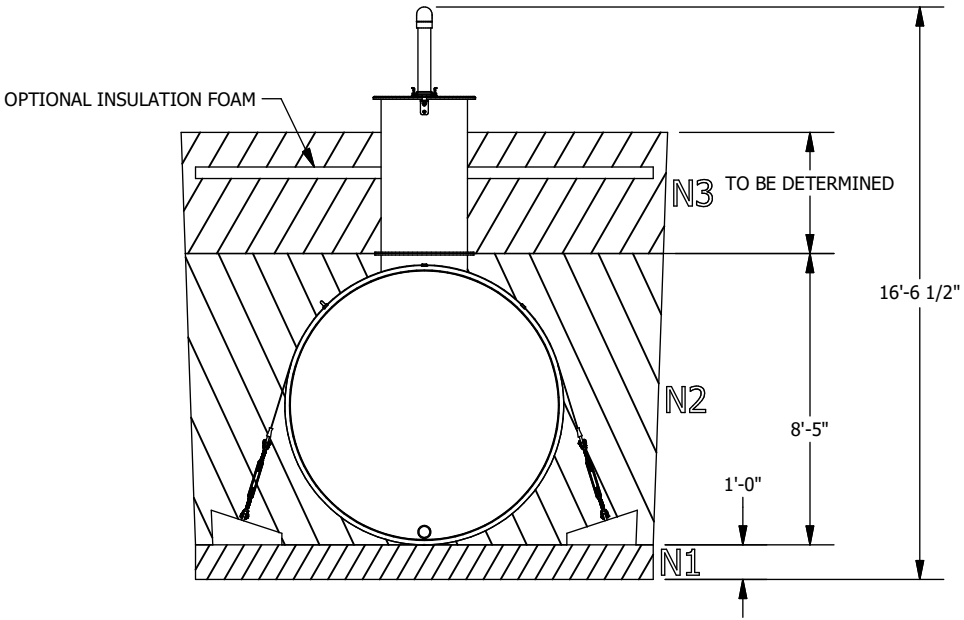
NOTES:
 - GENERIC DRAWING FOR REFERENCE ONLY
 - SHOP DRAWING AVAILABLE ON REQUEST

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TOLERANCES (LINEAR) FEET DIM. -> ± 1% 0.0 -> ± 0.5"		 GRANBY COMPOSITES	Revision description		
0.00 -> ± 0.25" 0.000 -> ± 0.125"			Format B	Part no. NN08340669EU	REV 02.
TOLERANCES (ANGULAR) 0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG.		Drawn by O. Marin	20/12/2023		
Weight : 6192 Lb		Approved by :	Title		
Client		# Projet	8' Dia. TANK - 18012 US gal		
			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	7	ANCHORING KIT	
4	EV480	1	4" SCH. 80 VENT KIT	
5	GMHE30-COVER01	1	30" DIA. FRP. - LOCKABLE MAN HOLE COVER WITH HINGE	
6	MH-30 (6"L.)	1	30" DIA. x 6" L. - MANHOLE	
7	MHE-30 (54"L.)	1	30" DIA. x 54" L. - MANHOLE EXTENSION	
8	PFV01414	1	0.5" x 13.5" x 13.5" ANTI-VORTEX PLATE	
9	TP80400G01 (4.25"L.)	1	4" SCH.80 GREY PVC PIPE	
10	TP80400G01 (40"L.)	2	4" 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



Optional anchoring depending on the tank's environment

SECTION ELEVATION VIEW

Technical informations

- Burrial depth: According to the geotechnical installation conditions
- Inside Diameter : 92.25"
- (If required) Quantity of fiberglass anchoring straps : 7
- (If required) Quantity of reinforced concrete deadman anchors : 14
- 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 35 kPa

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

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TOLERANCES (LINEAR) FEET DIM. -> ± 1% 0.0 -> ± 0.5" 0.00 -> ± 0.25" 0.000 -> ± 0.125"		 GRANBY COMPOSITES	Revision description		
			Format B	Part no. NN08340669EU	REV 02.
TOLERANCES (ANGULAR) 0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG. 0.00 -> ± 0.1 DEG.		Drawn by O. Marin	20/12/2023		
Weight : 6192 Lb		Approved by :			
Client		# Project	Sheet 2 / 4		
		Title 8' Dia. TANK - 18012 US gal			



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TOLERANCES (LINEAR) FEET DIM. -> ±1% 0.00 -> ±0.25" 0.0 -> ±0.5" 0.000 -> ±0.125"		 GRANBY COMPOSITES		Revision description		
TOLERANCES (ANGULAR) 0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG. 0.00 -> ± 0.1 DEG.				Format B	Part no. NN08340669EU	REV 02 .
Weight : 6192 Lb		Drawn by O. Marin		20/12/2023		
		Approved by :				
Client		# Projet		Sheet 3 / 4		
8' Dia. TANK - 18012 US gal						



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%						Format		Part no.		REV
0.0 -> ± 0.5"						B		ENSCOUR8		A.
TOLERANCES (ANGULAR)			Drawn by			Title				
0 -> ± 2 DEG.			O. Marin							
0.0 -> ± 0.5 DEG.			04/10/2018							
Weight :			Approved by :			ANCHORING KIT				
Client		# Projet			Sheet					
					4 / 4					



CAPACITY CHART FOR NN08340669 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	470	12	1324	18	2408	24	3656	30	5021	36	6468	42	7964	48	9480	54	10988	60	12457
1/8	2	6 1/8	485	12 1/8	1345	18 1/8	2433	24 1/8	3683	30 1/8	5051	36 1/8	6499	42 1/8	7996	48 1/8	9512	54 1/8	11019	60 1/8	12487
1/4	4	6 1/4	500	12 1/4	1365	18 1/4	2457	24 1/4	3710	30 1/4	5080	36 1/4	6530	42 1/4	8027	48 1/4	9544	54 1/4	11050	60 1/4	12516
3/8	8	6 3/8	515	12 3/8	1386	18 3/8	2482	24 3/8	3738	30 3/8	5110	36 3/8	6560	42 3/8	8059	48 3/8	9575	54 3/8	11081	60 3/8	12546
1/2	12	6 1/2	530	12 1/2	1407	18 1/2	2507	24 1/2	3765	30 1/2	5139	36 1/2	6591	42 1/2	8090	48 1/2	9607	54 1/2	11112	60 1/2	12576
5/8	16	6 5/8	545	12 5/8	1428	18 5/8	2531	24 5/8	3793	30 5/8	5169	36 5/8	6622	42 5/8	8122	48 5/8	9638	54 5/8	11143	60 5/8	12606
3/4	21	6 3/4	561	12 3/4	1449	18 3/4	2556	24 3/4	3821	30 3/4	5198	36 3/4	6653	42 3/4	8153	48 3/4	9670	54 3/4	11174	60 3/4	12636
7/8	26	6 7/8	577	12 7/8	1470	18 7/8	2581	24 7/8	3848	30 7/8	5228	36 7/8	6684	42 7/8	8185	48 7/8	9701	54 7/8	11205	60 7/8	12666
1	32	7	592	13	1491	19	2606	25	3876	31	5258	37	6715	43	8216	49	9733	55	11236	61	12696
1 1/8	38	7 1/8	608	13 1/8	1512	19 1/8	2631	25 1/8	3904	31 1/8	5287	37 1/8	6746	43 1/8	8248	49 1/8	9765	55 1/8	11267	61 1/8	12725
1 1/4	45	7 1/4	624	13 1/4	1534	19 1/4	2656	25 1/4	3932	31 1/4	5317	37 1/4	6777	43 1/4	8279	49 1/4	9796	55 1/4	11298	61 1/4	12755
1 3/8	52	7 3/8	641	13 3/8	1555	19 3/8	2681	25 3/8	3960	31 3/8	5347	37 3/8	6808	43 3/8	8311	49 3/8	9828	55 3/8	11329	61 3/8	12785
1 1/2	59	7 1/2	657	13 1/2	1577	19 1/2	2707	25 1/2	3987	31 1/2	5377	37 1/2	6839	43 1/2	8343	49 1/2	9859	55 1/2	11360	61 1/2	12814
1 5/8	66	7 5/8	673	13 5/8	1598	19 5/8	2732	25 5/8	4015	31 5/8	5406	37 5/8	6870	43 5/8	8374	49 5/8	9891	55 5/8	11390	61 5/8	12844
1 3/4	74	7 3/4	690	13 3/4	1620	19 3/4	2757	25 3/4	4043	31 3/4	5436	37 3/4	6901	43 3/4	8406	49 3/4	9922	55 3/4	11421	61 3/4	12873
1 7/8	82	7 7/8	707	13 7/8	1642	19 7/8	2783	25 7/8	4072	31 7/8	5466	37 7/8	6932	43 7/8	8437	49 7/8	9954	55 7/8	11452	61 7/8	12903
2	90	8	723	14	1664	20	2808	26	4100	32	5496	38	6963	44	8469	50	9985	56	11483	62	12932
2 1/8	99	8 1/8	740	14 1/8	1686	20 1/8	2834	26 1/8	4128	32 1/8	5526	38 1/8	6994	44 1/8	8500	50 1/8	10017	56 1/8	11514	62 1/8	12962
2 1/4	108	8 1/4	758	14 1/4	1708	20 1/4	2860	26 1/4	4156	32 1/4	5556	38 1/4	7025	44 1/4	8532	50 1/4	10048	56 1/4	11545	62 1/4	12991
2 3/8	117	8 3/8	775	14 3/8	1730	20 3/8	2885	26 3/8	4184	32 3/8	5586	38 3/8	7056	44 3/8	8564	50 3/8	10080	56 3/8	11575	62 3/8	13021
2 1/2	126	8 1/2	792	14 1/2	1752	20 1/2	2911	26 1/2	4212	32 1/2	5616	38 1/2	7087	44 1/2	8595	50 1/2	10111	56 1/2	11606	62 1/2	13050
2 5/8	136	8 5/8	810	14 5/8	1775	20 5/8	2937	26 5/8	4241	32 5/8	5646	38 5/8	7118	44 5/8	8627	50 5/8	10143	56 5/8	11637	62 5/8	13079
2 3/4	146	8 3/4	827	14 3/4	1797	20 3/4	2963	26 3/4	4269	32 3/4	5676	38 3/4	7149	44 3/4	8658	50 3/4	10174	56 3/4	11667	62 3/4	13109
2 7/8	156	8 7/8	845	14 7/8	1820	20 7/8	2989	26 7/8	4298	32 7/8	5706	38 7/8	7181	44 7/8	8690	50 7/8	10205	56 7/8	11698	62 7/8	13138
3	166	9	863	15	1842	21	3015	27	4326	33	5736	39	7212	45	8722	51	10237	57	11729	63	13167
3 1/8	177	9 1/8	881	15 1/8	1865	21 1/8	3041	27 1/8	4355	33 1/8	5767	39 1/8	7243	45 1/8	8753	51 1/8	10268	57 1/8	11759	63 1/8	13196
3 1/4	187	9 1/4	899	15 1/4	1888	21 1/4	3067	27 1/4	4383	33 1/4	5797	39 1/4	7274	45 1/4	8785	51 1/4	10300	57 1/4	11790	63 1/4	13226
3 3/8	198	9 3/8	917	15 3/8	1911	21 3/8	3093	27 3/8	4412	33 3/8	5827	39 3/8	7306	45 3/8	8817	51 3/8	10331	57 3/8	11820	63 3/8	13255
3 1/2	209	9 1/2	935	15 1/2	1933	21 1/2	3119	27 1/2	4440	33 1/2	5857	39 1/2	7337	45 1/2	8848	51 1/2	10363	57 1/2	11851	63 1/2	13284
3 5/8	221	9 5/8	954	15 5/8	1956	21 5/8	3145	27 5/8	4469	33 5/8	5888	39 5/8	7368	45 5/8	8880	51 5/8	10394	57 5/8	11882	63 5/8	13313
3 3/4	232	9 3/4	972	15 3/4	1980	21 3/4	3172	27 3/4	4498	33 3/4	5918	39 3/4	7399	45 3/4	8911	51 3/4	10425	57 3/4	11912	63 3/4	13342
3 7/8	244	9 7/8	991	15 7/8	2003	21 7/8	3198	27 7/8	4526	33 7/8	5948	39 7/8	7431	45 7/8	8943	51 7/8	10457	57 7/8	11943	63 7/8	13371
4	256	10	1010	16	2026	22	3225	28	4555	34	5979	40	7462	46	8975	52	10488	58	11973	64	13400
4 1/8	268	10 1/8	1028	16 1/8	2049	22 1/8	3251	28 1/8	4584	34 1/8	6009	40 1/8	7493	46 1/8	9006	52 1/8	10519	58 1/8	12003	64 1/8	13428
4 1/4	280	10 1/4	1047	16 1/4	2073	22 1/4	3278	28 1/4	4613	34 1/4	6040	40 1/4	7525	46 1/4	9038	52 1/4	10551	58 1/4	12034	64 1/4	13457
4 3/8	293	10 3/8	1066	16 3/8	2096	22 3/8	3304	28 3/8	4642	34 3/8	6070	40 3/8	7556	46 3/8	9069	52 3/8	10582	58 3/8	12064	64 3/8	13486
4 1/2	305	10 1/2	1086	16 1/2	2120	22 1/2	3331	28 1/2	4671	34 1/2	6100	40 1/2	7587	46 1/2	9101	52 1/2	10613	58 1/2	12095	64 1/2	13515
4 5/8	318	10 5/8	1105	16 5/8	2143	22 5/8	3358	28 5/8	4700	34 5/8	6131	40 5/8	7619	46 5/8	9133	52 5/8	10644	58 5/8	12125	64 5/8	13544
4 3/4	331	10 3/4	1124	16 3/4	2167	22 3/4	3385	28 3/4	4729	34 3/4	6161	40 3/4	7650	46 3/4	9164	52 3/4	10676	58 3/4	12155	64 3/4	13572
4 7/8	344	10 7/8	1144	16 7/8	2191	22 7/8	3412	28 7/8	4758	34 7/8	6192	40 7/8	7681	46 7/8	9196	52 7/8	10707	58 7/8	12185	64 7/8	13601
5	358	11	1164	17	2215	23	3438	29	4787	35	6223	41	7713	47	9228	53	10738	59	12216	65	13629
5 1/8	371	11 1/8	1183	17 1/8	2239	23 1/8	3465	29 1/8	4816	35 1/8	6253	41 1/8	7744	47 1/8	9259	53 1/8	10769	59 1/8	12246	65 1/8	13658
5 1/4	385	11 1/4	1203	17 1/4	2263	23 1/4	3492	29 1/4	4845	35 1/4	6284	41 1/4	7776	47 1/4	9291	53 1/4	10801	59 1/4	12276	65 1/4	13686
5 3/8	399	11 3/8	1223	17 3/8	2287	23 3/8	3520	29 3/8	4875	35 3/8	6314	41 3/8	7807	47 3/8	9322	53 3/8	10832	59 3/8	12306	65 3/8	13715
5 1/2	413	11 1/2	1243	17 1/2	2311	23 1/2	3547	29 1/2	4904	35 1/2	6345	41 1/2	7838	47 1/2	9354	53 1/2	10863	59 1/2	12336	65 1/2	13743
5 5/8	427	11 5/8	1263	17 5/8	2335	23 5/8	3574	29 5/8	4933	35 5/8	6376	41 5/8	7870	47 5/8	9386	53 5/8	10894	59 5/8	12366	65 5/8	13772
5 3/4	441	11 3/4	1283	17 3/4	2359	23 3/4	3601	29 3/4	4962	35 3/4	6407	41 3/4	7901	47 3/4	9417	53 3/4	10925	59 3/4	12397	65 3/4	13800
5 7/8	456	11 7/8	1304	17 7/8	2384	23 7/8	3628	29 7/8	4992	35 7/8	6437	41 7/8	7933	47 7/8	9449	53 7/8	10956	59 7/8	12427	65 7/8	13828

** PRECISION IS ABOUT +/- 1%



CAPACITY CHART FOR NN08340669 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	13857	69	14520	72	15153	75	15750	78	16305	81	16809	84	17255	87	17628	90	17905				
66 1/8	13885	69 1/8	14547	72 1/8	15179	75 1/8	15774	78 1/8	16327	81 1/8	16829	84 1/8	17272	87 1/8	17641	90 1/8	17914				
66 1/4	13913	69 1/4	14574	72 1/4	15204	75 1/4	15798	78 1/4	16349	81 1/4	16849	84 1/4	17289	87 1/4	17655	90 1/4	17922				
66 3/8	13941	69 3/8	14601	72 3/8	15230	75 3/8	15822	78 3/8	16371	81 3/8	16869	84 3/8	17306	87 3/8	17668	90 3/8	17930				
66 1/2	13969	69 1/2	14628	72 1/2	15255	75 1/2	15845	78 1/2	16392	81 1/2	16888	84 1/2	17323	87 1/2	17681	90 1/2	17939				
66 5/8	13997	69 5/8	14655	72 5/8	15281	75 5/8	15869	78 5/8	16414	81 5/8	16908	84 5/8	17339	87 5/8	17694	90 5/8	17946				
66 3/4	14025	69 3/4	14681	72 3/4	15306	75 3/4	15893	78 3/4	16436	81 3/4	16927	84 3/4	17356	87 3/4	17707	90 3/4	17954				
66 7/8	14053	69 7/8	14708	72 7/8	15331	75 7/8	15916	78 7/8	16457	81 7/8	16946	84 7/8	17372	87 7/8	17720	90 7/8	17961				
67	14081	70	14735	73	15356	76	15940	79	16479	82	16965	85	17388	88	17732	91	17968				
67 1/8	14109	70 1/8	14761	73 1/8	15381	76 1/8	15963	79 1/8	16500	82 1/8	16984	85 1/8	17404	88 1/8	17745	91 1/8	17974				
67 1/4	14136	70 1/4	14788	73 1/4	15406	76 1/4	15987	79 1/4	16521	82 1/4	17003	85 1/4	17420	88 1/4	17757	91 1/4	17980				
67 3/8	14164	70 3/8	14814	73 3/8	15431	76 3/8	16010	79 3/8	16543	82 3/8	17022	85 3/8	17436	88 3/8	17769	91 3/8	17986				
67 1/2	14192	70 1/2	14841	73 1/2	15456	76 1/2	16033	79 1/2	16564	82 1/2	17040	85 1/2	17452	88 1/2	17780	91 1/2	17992				
67 5/8	14219	70 5/8	14867	73 5/8	15481	76 5/8	16056	79 5/8	16585	82 5/8	17059	85 5/8	17467	88 5/8	17792	91 5/8	17996				
67 3/4	14247	70 3/4	14893	73 3/4	15506	76 3/4	16079	79 3/4	16606	82 3/4	17077	85 3/4	17482	88 3/4	17803	91 3/4	18001				
67 7/8	14275	70 7/8	14920	73 7/8	15531	76 7/8	16102	79 7/8	16626	82 7/8	17096	85 7/8	17498	88 7/8	17814	91 7/8	18005				
68	14302	71	14946	74	15555	77	16125	80	16647	83	17114	86	17513	89	17825	92	18008				
68 1/8	14329	71 1/8	14972	74 1/8	15580	77 1/8	16148	80 1/8	16668	83 1/8	17132	86 1/8	17528	89 1/8	17836	92 1/8	18011				
68 1/4	14357	71 1/4	14998	74 1/4	15604	77 1/4	16170	80 1/4	16688	83 1/4	17150	86 1/4	17542	89 1/4	17846	92 1/4	18012				
68 3/8	14384	71 3/8	15024	74 3/8	15629	77 3/8	16193	80 3/8	16709	83 3/8	17168	86 3/8	17557	89 3/8	17857	92 3/8	18012				
68 1/2	14411	71 1/2	15050	74 1/2	15653	77 1/2	16215	80 1/2	16729	83 1/2	17185	86 1/2	17571	89 1/2	17867						
68 5/8	14439	71 5/8	15076	74 5/8	15677	77 5/8	16238	80 5/8	16749	83 5/8	17203	86 5/8	17586	89 5/8	17877						
68 3/4	14466	71 3/4	15102	74 3/4	15702	77 3/4	16260	80 3/4	16769	83 3/4	17220	86 3/4	17600	89 3/4	17886						
68 7/8	14493	71 7/8	15127	74 7/8	15726	77 7/8	16282	80 7/8	16790	83 7/8	17238	86 7/8	17614	89 7/8	17896						

** PRECISION IS ABOUT +/- 1%