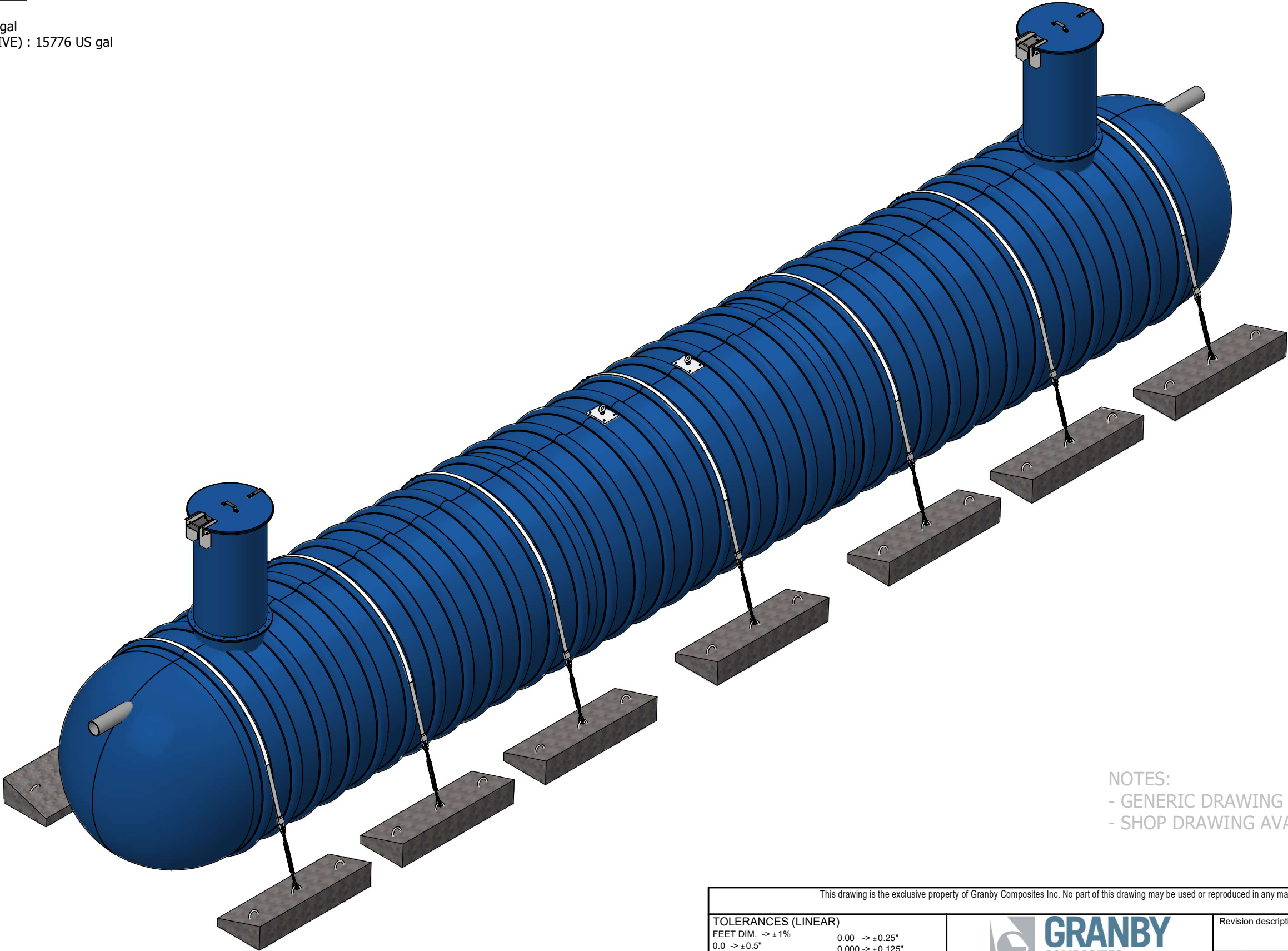


NN08330651FS

FIBERGLASS TANK
 TOTAL CAPACITY : 17535 US gal
 NOMINAL CAPACITY (EFFECTIVE) : 15776 US gal

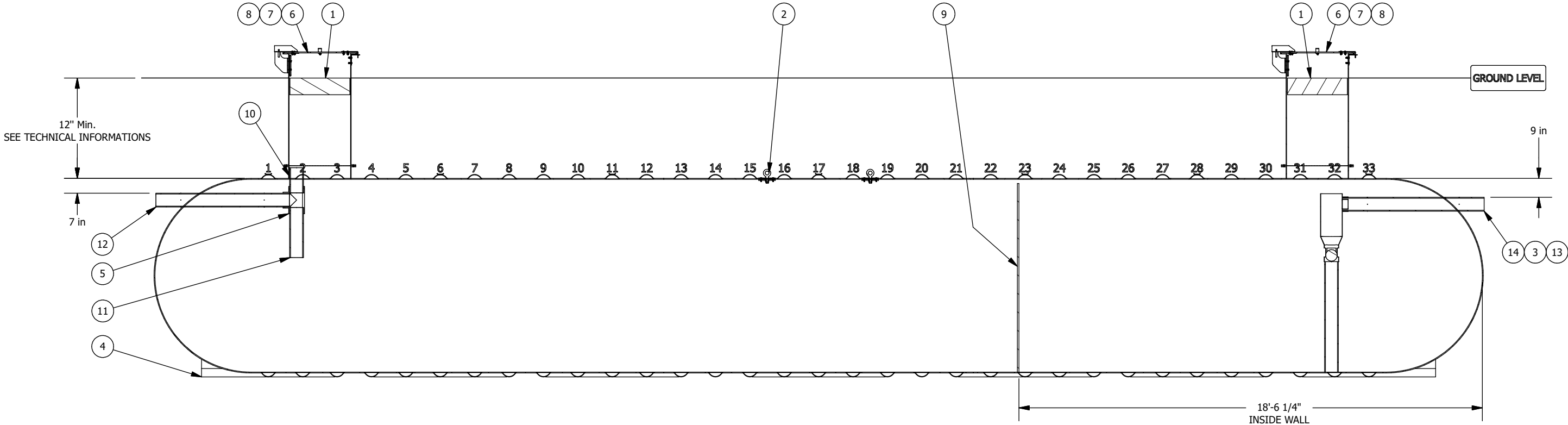
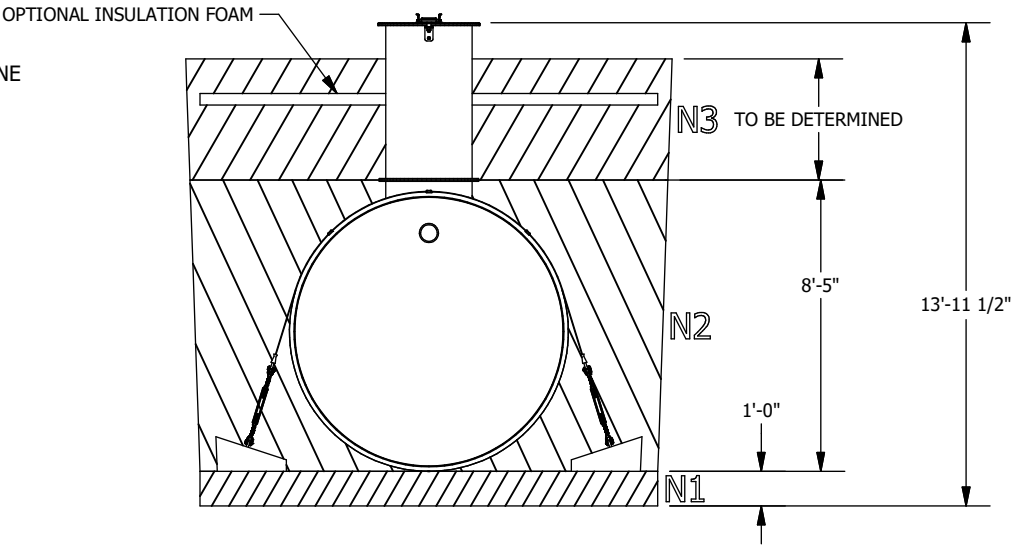


NOTES:
 - GENERIC DRAWING FOR REFERENCE ONLY
 - SHOP DRAWING AVAILABLE ON REQUEST

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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. NN08330651FS
TOLERANCES (ANGULAR) 0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG.		Drawn by O. Marin		REV 02.	
0.00 -> ± 0.1 DEG.		19/01/2024			
Weight : 6631 Lb		Approved by :		Title	
				8' Dia. TANK - 17535 US gal	
Client		# Project		Sheet 1 / 4	

Item	Part Number	Qty	Description	Check List
1	ADF0000001	2	FOAM 28-3/4" DIA. x 8" / R-35	
2	ADP0000001	2	LIFTING LUG	
3	AEDPL52500	1	Polylok PL-525 PREFILTER	
4	ENSCOUR8	7	ANCHORING KIT	
5	FPT0600801	1	6" SCH.80 - UNTHREADED T GREY	
6	GMHE30-COVER01	2	30" DIA. FRP. - LOCKABLE MAN HOLE COVER WITH HINGE	
7	MH-30 (6"L.)	2	30" DIA. x 6" L. - MANHOLE	
8	MHE-30 (54"L.)	2	30" DIA. x 54" L. - MANHOLE EXTENSION	
9	MUR08	1	08' DIA. - WALL	
10	TP80600G01 (12"L.)	1	6" SCH.80 - GREY PVC PIPE	
11	TP80600G01 (24"L.)	1	6" SCH.80 - GREY PVC PIPE	
12	TP80600G01 (64"L.)	1	6" SCH.80 - GREY PVC PIPE	
13	TP80600G01 (52.875"L.)	1	6" SCH.80 - GREY PVC PIPE	
14	TP80600G01 (68"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



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 : 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.
Optional effluent filter PL-525.

SECTION ELEVATION VIEW

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TOLERANCES (LINEAR) FEET DIM. -> ± 1% 0.0 -> ± 0.5"		GRANBY COMPOSITES		Revision description
TOLERANCES (ANGULAR) 0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG.		Drawn by O. Marin	19/01/2024	Format B
Weight : 6631 Lb		Approved by :		Part no. NN08330651FS
Client		# Projet	Sheet 2 / 4	REV 02.
Title 8' Dia. TANK - 17535 US gal				



-

Fiberglass Strap Guide

Directly installed on the tank



CAPACITY CHART FOR NN08330651 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	457	12	1288	18	2343	24	3557	30	4886	36	6295	42	7753	48	9229	54	10697	60	12128
1/8	2	6 1/8	471	12 1/8	1308	18 1/8	2366	24 1/8	3584	30 1/8	4915	36 1/8	6325	42 1/8	7783	48 1/8	9260	54 1/8	10728	60 1/8	12157
1/4	4	6 1/4	486	12 1/4	1328	18 1/4	2390	24 1/4	3610	30 1/4	4944	36 1/4	6355	42 1/4	7814	48 1/4	9291	54 1/4	10758	60 1/4	12186
3/8	8	6 3/8	500	12 3/8	1348	18 3/8	2414	24 3/8	3637	30 3/8	4973	36 3/8	6385	42 3/8	7845	48 3/8	9322	54 3/8	10788	60 3/8	12215
1/2	11	6 1/2	515	12 1/2	1368	18 1/2	2438	24 1/2	3664	30 1/2	5001	36 1/2	6415	42 1/2	7875	48 1/2	9352	54 1/2	10818	60 1/2	12244
5/8	16	6 5/8	530	12 5/8	1388	18 5/8	2462	24 5/8	3691	30 5/8	5030	36 5/8	6446	42 5/8	7906	48 5/8	9383	54 5/8	10848	60 5/8	12274
3/4	20	6 3/4	545	12 3/4	1409	18 3/4	2487	24 3/4	3718	30 3/4	5059	36 3/4	6476	42 3/4	7937	48 3/4	9414	54 3/4	10879	60 3/4	12303
7/8	26	6 7/8	560	12 7/8	1429	18 7/8	2511	24 7/8	3745	30 7/8	5088	36 7/8	6506	42 7/8	7968	48 7/8	9445	54 7/8	10909	60 7/8	12332
1	31	7	576	13	1450	19	2535	25	3772	31	5117	37	6536	43	7998	49	9475	55	10939	61	12361
1 1/8	37	7 1/8	591	13 1/8	1471	19 1/8	2560	25 1/8	3799	31 1/8	5146	37 1/8	6566	43 1/8	8029	49 1/8	9506	55 1/8	10969	61 1/8	12390
1 1/4	43	7 1/4	607	13 1/4	1492	19 1/4	2584	25 1/4	3826	31 1/4	5175	37 1/4	6596	43 1/4	8060	49 1/4	9537	55 1/4	10999	61 1/4	12418
1 3/8	50	7 3/8	623	13 3/8	1512	19 3/8	2609	25 3/8	3853	31 3/8	5204	37 3/8	6626	43 3/8	8090	49 3/8	9568	55 3/8	11029	61 3/8	12447
1 1/2	57	7 1/2	639	13 1/2	1533	19 1/2	2633	25 1/2	3880	31 1/2	5233	37 1/2	6656	43 1/2	8121	49 1/2	9598	55 1/2	11060	61 1/2	12476
1 5/8	64	7 5/8	655	13 5/8	1554	19 5/8	2658	25 5/8	3907	31 5/8	5262	37 5/8	6687	43 5/8	8152	49 5/8	9629	55 5/8	11090	61 5/8	12505
1 3/4	72	7 3/4	671	13 3/4	1576	19 3/4	2682	25 3/4	3935	31 3/4	5291	37 3/4	6717	43 3/4	8183	49 3/4	9660	55 3/4	11120	61 3/4	12534
1 7/8	80	7 7/8	687	13 7/8	1597	19 7/8	2707	25 7/8	3962	31 7/8	5320	37 7/8	6747	43 7/8	8213	49 7/8	9690	55 7/8	11150	61 7/8	12563
2	88	8	703	14	1618	20	2732	26	3989	32	5349	38	6777	44	8244	50	9721	56	11180	62	12591
2 1/8	96	8 1/8	720	14 1/8	1640	20 1/8	2757	26 1/8	4017	32 1/8	5378	38 1/8	6808	44 1/8	8275	50 1/8	9752	56 1/8	11210	62 1/8	12620
2 1/4	105	8 1/4	736	14 1/4	1661	20 1/4	2782	26 1/4	4044	32 1/4	5407	38 1/4	6838	44 1/4	8306	50 1/4	9782	56 1/4	11240	62 1/4	12649
2 3/8	114	8 3/8	753	14 3/8	1683	20 3/8	2807	26 3/8	4072	32 3/8	5436	38 3/8	6868	44 3/8	8336	50 3/8	9813	56 3/8	11270	62 3/8	12677
2 1/2	123	8 1/2	770	14 1/2	1704	20 1/2	2832	26 1/2	4099	32 1/2	5466	38 1/2	6898	44 1/2	8367	50 1/2	9844	56 1/2	11300	62 1/2	12706
2 5/8	132	8 5/8	787	14 5/8	1726	20 5/8	2857	26 5/8	4127	32 5/8	5495	38 5/8	6929	44 5/8	8398	50 5/8	9874	56 5/8	11329	62 5/8	12734
2 3/4	142	8 3/4	804	14 3/4	1748	20 3/4	2882	26 3/4	4154	32 3/4	5524	38 3/4	6959	44 3/4	8429	50 3/4	9905	56 3/4	11359	62 3/4	12763
2 7/8	151	8 7/8	821	14 7/8	1770	20 7/8	2908	26 7/8	4182	32 7/8	5554	38 7/8	6990	44 7/8	8460	50 7/8	9936	56 7/8	11389	62 7/8	12791
3	161	9	839	15	1792	21	2933	27	4210	33	5583	39	7020	45	8490	51	9966	57	11419	63	12820
3 1/8	172	9 1/8	856	15 1/8	1814	21 1/8	2958	27 1/8	4237	33 1/8	5612	39 1/8	7050	45 1/8	8521	51 1/8	9997	57 1/8	11449	63 1/8	12848
3 1/4	182	9 1/4	874	15 1/4	1836	21 1/4	2984	27 1/4	4265	33 1/4	5642	39 1/4	7081	45 1/4	8552	51 1/4	10027	57 1/4	11479	63 1/4	12877
3 3/8	193	9 3/8	891	15 3/8	1858	21 3/8	3009	27 3/8	4293	33 3/8	5671	39 3/8	7111	45 3/8	8583	51 3/8	10058	57 3/8	11508	63 3/8	12905
3 1/2	203	9 1/2	909	15 1/2	1881	21 1/2	3035	27 1/2	4321	33 1/2	5701	39 1/2	7142	45 1/2	8614	51 1/2	10088	57 1/2	11538	63 1/2	12933
3 5/8	214	9 5/8	927	15 5/8	1903	21 5/8	3060	27 5/8	4349	33 5/8	5730	39 5/8	7172	45 5/8	8644	51 5/8	10119	57 5/8	11568	63 5/8	12962
3 3/4	226	9 3/4	945	15 3/4	1925	21 3/4	3086	27 3/4	4377	33 3/4	5760	39 3/4	7202	45 3/4	8675	51 3/4	10150	57 3/4	11598	63 3/4	12990
3 7/8	237	9 7/8	963	15 7/8	1948	21 7/8	3112	27 7/8	4405	33 7/8	5789	39 7/8	7233	45 7/8	8706	51 7/8	10180	57 7/8	11627	63 7/8	13018
4	249	10	982	16	1971	22	3137	28	4433	34	5819	40	7263	46	8737	52	10211	58	11657	64	13046
4 1/8	260	10 1/8	1000	16 1/8	1993	22 1/8	3163	28 1/8	4461	34 1/8	5849	40 1/8	7294	46 1/8	8768	52 1/8	10241	58 1/8	11687	64 1/8	13074
4 1/4	272	10 1/4	1018	16 1/4	2016	22 1/4	3189	28 1/4	4489	34 1/4	5878	40 1/4	7324	46 1/4	8798	52 1/4	10272	58 1/4	11716	64 1/4	13102
4 3/8	284	10 3/8	1037	16 3/8	2039	22 3/8	3215	28 3/8	4517	34 3/8	5908	40 3/8	7355	46 3/8	8829	52 3/8	10302	58 3/8	11746	64 3/8	13130
4 1/2	297	10 1/2	1056	16 1/2	2062	22 1/2	3241	28 1/2	4545	34 1/2	5938	40 1/2	7386	46 1/2	8860	52 1/2	10333	58 1/2	11775	64 1/2	13158
4 5/8	309	10 5/8	1074	16 5/8	2085	22 5/8	3267	28 5/8	4574	34 5/8	5967	40 5/8	7416	46 5/8	8891	52 5/8	10363	58 5/8	11805	64 5/8	13186
4 3/4	322	10 3/4	1093	16 3/4	2108	22 3/4	3293	28 3/4	4602	34 3/4	5997	40 3/4	7447	46 3/4	8922	52 3/4	10394	58 3/4	11834	64 3/4	13214
4 7/8	335	10 7/8	1112	16 7/8	2131	22 7/8	3319	28 7/8	4630	34 7/8	6027	40 7/8	7477	46 7/8	8952	52 7/8	10424	58 7/8	11864	64 7/8	13242
5	348	11	1131	17	2154	23	3345	29	4658	35	6056	41	7508	47	8983	53	10454	59	11893	65	13270
5 1/8	361	11 1/8	1151	17 1/8	2178	23 1/8	3372	29 1/8	4687	35 1/8	6086	41 1/8	7538	47 1/8	9014	53 1/8	10485	59 1/8	11923	65 1/8	13298
5 1/4	374	11 1/4	1170	17 1/4	2201	23 1/4	3398	29 1/4	4715	35 1/4	6116	41 1/4	7569	47 1/4	9045	53 1/4	10515	59 1/4	11952	65 1/4	13325
5 3/8	387	11 3/8	1189	17 3/8	2224	23 3/8	3424	29 3/8	4744	35 3/8	6146	41 3/8	7600	47 3/8	9075	53 3/8	10546	59 3/8	11981	65 3/8	13353
5 1/2	401	11 1/2	1209	17 1/2	2248	23 1/2	3451	29 1/2	4772	35 1/2	6176	41 1/2	7630	47 1/2	9106	53 1/2	10576	59 1/2	12011	65 1/2	13381
5 5/8	415	11 5/8	1228	17 5/8	2271	23 5/8	3477	29 5/8	4801	35 5/8	6206	41 5/8	7661	47 5/8	9137	53 5/8	10606	59 5/8	12040	65 5/8	13408
5 3/4	429	11 3/4	1248	17 3/4	2295	23 3/4	3504	29 3/4	4829	35 3/4	6236	41 3/4	7691	47 3/4	9168	53 3/4	10637	59 3/4	12069	65 3/4	13436
5 7/8	443	11 7/8	1268	17 7/8	2319	23 7/8	3530	29 7/8	4858	35 7/8	6266	41 7/8	7722	47 7/8	9199	53 7/8	10667	59 7/8	12099	65 7/8	13464

** PRECISION IS ABOUT +/- 1%



CAPACITY CHART FOR NN08330651 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	13491	69	14137	72	14753	75	15334	78	15874	81	16365	84	16799	87	17161	90	17430				
66 1/8	13518	69 1/8	14163	72 1/8	14778	75 1/8	15358	78 1/8	15895	81 1/8	16385	84 1/8	16815	87 1/8	17174	90 1/8	17439				
66 1/4	13546	69 1/4	14190	72 1/4	14803	75 1/4	15381	78 1/4	15917	81 1/4	16404	84 1/4	16832	87 1/4	17188	90 1/4	17447				
66 3/8	13573	69 3/8	14216	72 3/8	14828	75 3/8	15404	78 3/8	15938	81 3/8	16423	84 3/8	16848	87 3/8	17200	90 3/8	17455				
66 1/2	13601	69 1/2	14242	72 1/2	14853	75 1/2	15427	78 1/2	15959	81 1/2	16442	84 1/2	16864	87 1/2	17213	90 1/2	17463				
66 5/8	13628	69 5/8	14268	72 5/8	14877	75 5/8	15450	78 5/8	15981	81 5/8	16461	84 5/8	16881	87 5/8	17226	90 5/8	17471				
66 3/4	13655	69 3/4	14294	72 3/4	14902	75 3/4	15473	78 3/4	16002	81 3/4	16479	84 3/4	16897	87 3/4	17238	90 3/4	17478				
66 7/8	13682	69 7/8	14320	72 7/8	14927	75 7/8	15496	78 7/8	16023	81 7/8	16498	84 7/8	16912	87 7/8	17251	90 7/8	17485				
67	13709	70	14346	73	14951	76	15519	79	16044	82	16517	85	16928	88	17263	91	17492				
67 1/8	13736	70 1/8	14372	73 1/8	14976	76 1/8	15542	79 1/8	16064	82 1/8	16535	85 1/8	16944	88 1/8	17275	91 1/8	17498				
67 1/4	13764	70 1/4	14398	73 1/4	15000	76 1/4	15565	79 1/4	16085	82 1/4	16553	85 1/4	16959	88 1/4	17287	91 1/4	17504				
67 3/8	13791	70 3/8	14423	73 3/8	15024	76 3/8	15587	79 3/8	16106	82 3/8	16572	85 3/8	16975	88 3/8	17298	91 3/8	17509				
67 1/2	13817	70 1/2	14449	73 1/2	15048	76 1/2	15610	79 1/2	16126	82 1/2	16590	85 1/2	16990	88 1/2	17309	91 1/2	17515				
67 5/8	13844	70 5/8	14475	73 5/8	15073	76 5/8	15632	79 5/8	16147	82 5/8	16608	85 5/8	17005	88 5/8	17321	91 5/8	17519				
67 3/4	13871	70 3/4	14500	73 3/4	15097	76 3/4	15655	79 3/4	16167	82 3/4	16626	85 3/4	17020	88 3/4	17332	91 3/4	17524				
67 7/8	13898	70 7/8	14526	73 7/8	15121	76 7/8	15677	79 7/8	16187	82 7/8	16644	85 7/8	17035	88 7/8	17343	91 7/8	17528				
68	13925	71	14551	74	15145	77	15699	80	16207	83	16661	86	17049	89	17353	92	17531				
68 1/8	13952	71 1/8	14577	74 1/8	15169	77 1/8	15721	80 1/8	16227	83 1/8	16679	86 1/8	17064	89 1/8	17364	92 1/8	17533				
68 1/4	13978	71 1/4	14602	74 1/4	15193	77 1/4	15743	80 1/4	16247	83 1/4	16696	86 1/4	17078	89 1/4	17374	92 1/4	17535				
68 3/8	14005	71 3/8	14628	74 3/8	15216	77 3/8	15765	80 3/8	16267	83 3/8	16714	86 3/8	17092	89 3/8	17384	92 3/8	17535				
68 1/2	14031	71 1/2	14653	74 1/2	15240	77 1/2	15787	80 1/2	16287	83 1/2	16731	86 1/2	17106	89 1/2	17394						
68 5/8	14058	71 5/8	14678	74 5/8	15264	77 5/8	15809	80 5/8	16307	83 5/8	16748	86 5/8	17120	89 5/8	17403						
68 3/4	14084	71 3/4	14703	74 3/4	15287	77 3/4	15831	80 3/4	16326	83 3/4	16765	86 3/4	17134	89 3/4	17412						
68 7/8	14111	71 7/8	14728	74 7/8	15311	77 7/8	15852	80 7/8	16346	83 7/8	16782	86 7/8	17148	89 7/8	17421						

** PRECISION IS ABOUT +/- 1%