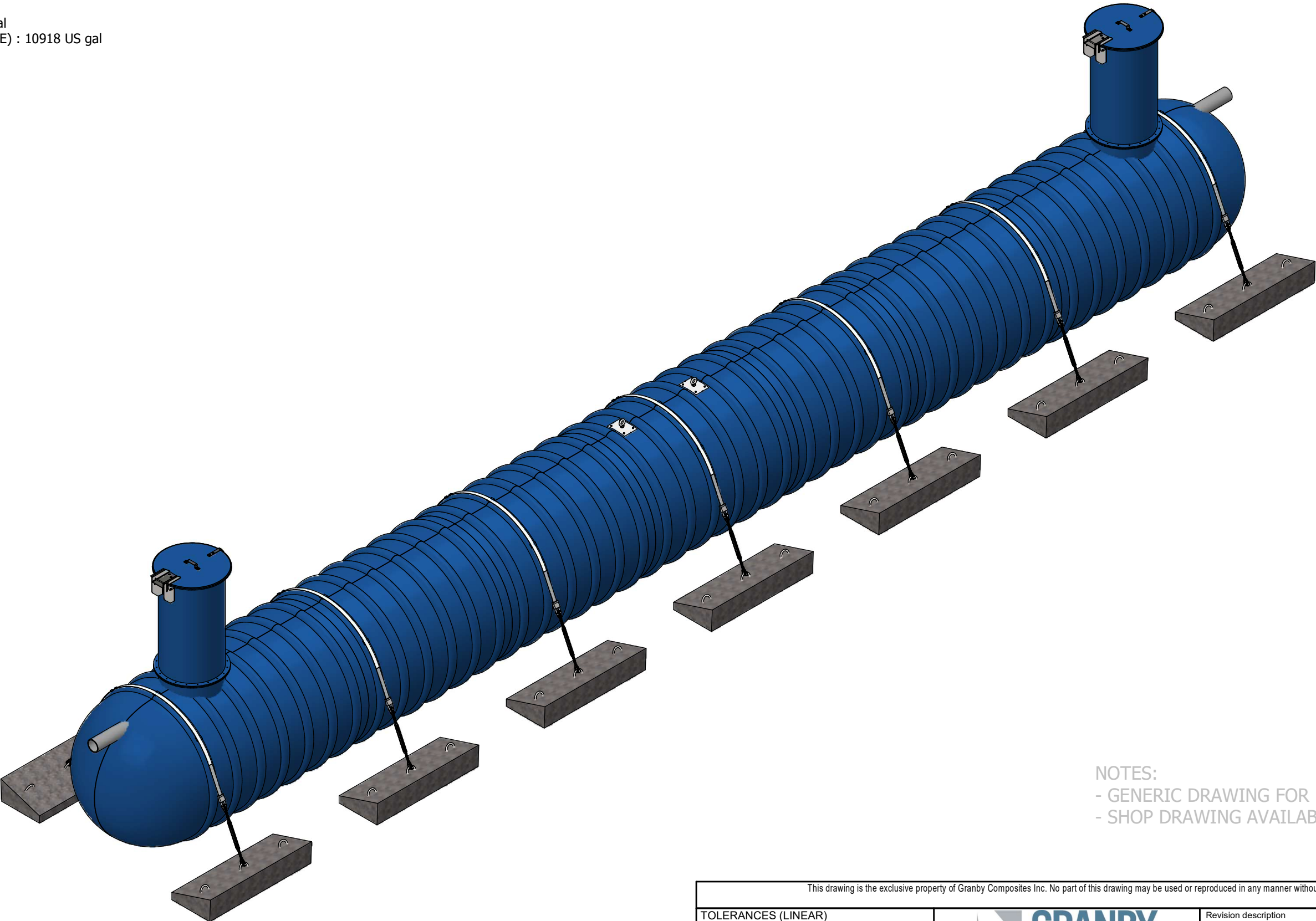


NN06430459FS

FIBERGLASS TANK
 TOTAL CAPACITY : 12140 US gal
 NOMINAL CAPACITY (EFFECTIVE) : 10918 US gal

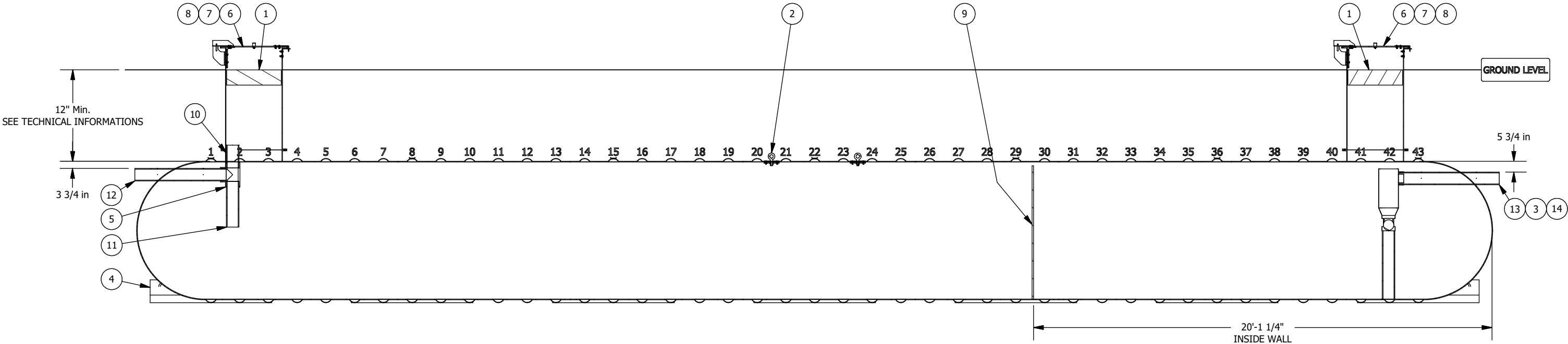
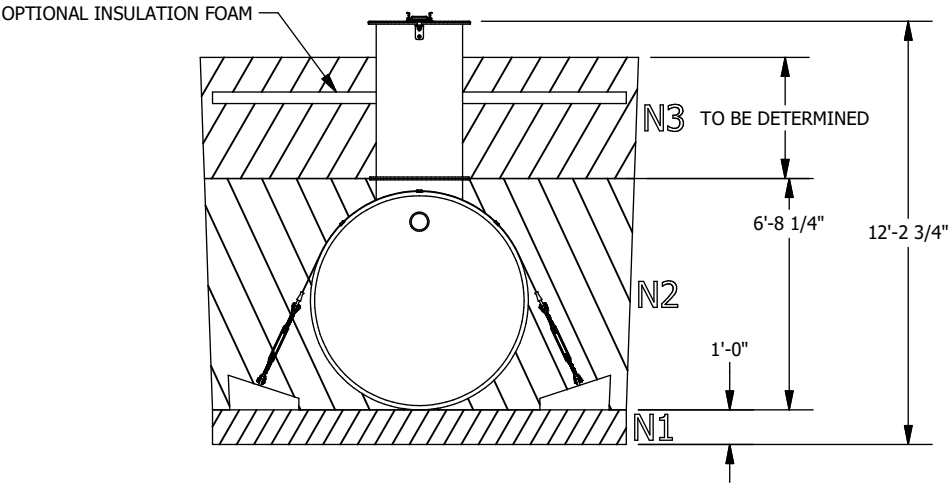


NOTES:
 - GENERIC DRAWING FOR REFERENCE ONLY
 - SHOP DRAWING AVAILABLE ON REQUEST

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TOLERANCES (LINEAR)			Revision description		
FEET DIM. -> ± 1%			Format B	Part no. NN06430459FS	REV 02.
0.0 -> ± 0.5"					
TOLERANCES (ANGULAR)		Drawn by O. Marin	19/01/2024		
0 -> ± 2 DEG.					
0.0 -> ± 0.5 DEG.					
Weight : 5044 Lb		Approved by :	Title 6' Dia. TANK - 12140 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	ENSCOUR6	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	MUR06	1	06' 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 (48"L.)	1	6" SCH.80 - GREY PVC PIPE	
13	TP80600G01 (53"L.)	1	6" SCH.80 - GREY PVC PIPE	
14	TP80600G01 (35.875"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 : 72"
- (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.

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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		
TOLERANCES (ANGULAR) 0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG. 0.00 -> ± 0.1 DEG.		Drawn by O. Marin Approved by :		Format B	Part no. NN06430459FS	REV 02.
Weight : 5044 Lb				Title 6' Dia. TANK - 12140 US gal		
Client		# Projet				
		Sheet 2 / 4				



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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 Part no. NN06430459FS REV 02
Weight : 5044 Lb		Approved by :		Title 6' Dia. TANK - 12140 US gal
Client	# Project	Sheet	3 / 4	



-

Fiberglass Strap Guide

Directly installed on the tank



CAPACITY CHART FOR NN06430459 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	467	12	1300	18	2341	24	3515	30	4773	36	6070	42	7368	48	8625	54	9800	60	10840
1/8	2	6 1/8	481	12 1/8	1320	18 1/8	2364	24 1/8	3541	30 1/8	4799	36 1/8	6097	42 1/8	7394	48 1/8	8651	54 1/8	9823	60 1/8	10860
1/4	4	6 1/4	496	12 1/4	1340	18 1/4	2387	24 1/4	3566	30 1/4	4826	36 1/4	6124	42 1/4	7421	48 1/4	8676	54 1/4	9846	60 1/4	10879
3/8	8	6 3/8	511	12 3/8	1360	18 3/8	2411	24 3/8	3592	30 3/8	4853	36 3/8	6152	42 3/8	7448	48 3/8	8701	54 3/8	9869	60 3/8	10899
1/2	12	6 1/2	526	12 1/2	1380	18 1/2	2434	24 1/2	3617	30 1/2	4880	36 1/2	6179	42 1/2	7474	48 1/2	8727	54 1/2	9892	60 1/2	10918
5/8	16	6 5/8	541	12 5/8	1401	18 5/8	2458	24 5/8	3643	30 5/8	4907	36 5/8	6206	42 5/8	7501	48 5/8	8752	54 5/8	9915	60 5/8	10938
3/4	21	6 3/4	556	12 3/4	1421	18 3/4	2481	24 3/4	3669	30 3/4	4933	36 3/4	6233	42 3/4	7528	48 3/4	8777	54 3/4	9938	60 3/4	10957
7/8	26	6 7/8	571	12 7/8	1441	18 7/8	2505	24 7/8	3694	30 7/8	4960	36 7/8	6260	42 7/8	7554	48 7/8	8803	54 7/8	9961	60 7/8	10976
1	32	7	587	13	1462	19	2528	25	3720	31	4987	37	6287	43	7581	49	8828	55	9984	61	10996
1 1/8	38	7 1/8	602	13 1/8	1482	19 1/8	2552	25 1/8	3746	31 1/8	5014	37 1/8	6315	43 1/8	7608	49 1/8	8853	55 1/8	10007	61 1/8	11015
1 1/4	45	7 1/4	618	13 1/4	1503	19 1/4	2576	25 1/4	3772	31 1/4	5041	37 1/4	6342	43 1/4	7634	49 1/4	8878	55 1/4	10029	61 1/4	11034
1 3/8	52	7 3/8	634	13 3/8	1524	19 3/8	2600	25 3/8	3798	31 3/8	5068	37 3/8	6369	43 3/8	7661	49 3/8	8903	55 3/8	10052	61 3/8	11053
1 1/2	59	7 1/2	650	13 1/2	1544	19 1/2	2624	25 1/2	3823	31 1/2	5095	37 1/2	6396	43 1/2	7687	49 1/2	8928	55 1/2	10075	61 1/2	11071
1 5/8	66	7 5/8	666	13 5/8	1565	19 5/8	2648	25 5/8	3849	31 5/8	5122	37 5/8	6423	43 5/8	7714	49 5/8	8953	55 5/8	10097	61 5/8	11090
1 3/4	74	7 3/4	683	13 3/4	1586	19 3/4	2672	25 3/4	3875	31 3/4	5149	37 3/4	6450	43 3/4	7740	49 3/4	8978	55 3/4	10120	61 3/4	11109
1 7/8	82	7 7/8	699	13 7/8	1607	19 7/8	2696	25 7/8	3901	31 7/8	5176	37 7/8	6477	43 7/8	7767	49 7/8	9003	55 7/8	10142	61 7/8	11127
2	90	8	715	14	1628	20	2720	26	3927	32	5203	38	6505	44	7793	50	9028	56	10164	62	11145
2 1/8	99	8 1/8	732	14 1/8	1650	20 1/8	2744	26 1/8	3953	32 1/8	5230	38 1/8	6532	44 1/8	7820	50 1/8	9053	56 1/8	10187	62 1/8	11164
2 1/4	108	8 1/4	749	14 1/4	1671	20 1/4	2768	26 1/4	3979	32 1/4	5257	38 1/4	6559	44 1/4	7846	50 1/4	9078	56 1/4	10209	62 1/4	11182
2 3/8	117	8 3/8	766	14 3/8	1692	20 3/8	2793	26 3/8	4005	32 3/8	5284	38 3/8	6586	44 3/8	7872	50 3/8	9103	56 3/8	10231	62 3/8	11200
2 1/2	126	8 1/2	783	14 1/2	1714	20 1/2	2817	26 1/2	4032	32 1/2	5311	38 1/2	6613	44 1/2	7899	50 1/2	9127	56 1/2	10253	62 1/2	11218
2 5/8	136	8 5/8	800	14 5/8	1735	20 5/8	2841	26 5/8	4058	32 5/8	5338	38 5/8	6640	44 5/8	7925	50 5/8	9152	56 5/8	10275	62 5/8	11236
2 3/4	146	8 3/4	817	14 3/4	1757	20 3/4	2866	26 3/4	4084	32 3/4	5365	38 3/4	6667	44 3/4	7951	50 3/4	9177	56 3/4	10297	62 3/4	11253
2 7/8	156	8 7/8	834	14 7/8	1778	20 7/8	2890	26 7/8	4110	32 7/8	5392	38 7/8	6694	44 7/8	7978	50 7/8	9201	56 7/8	10319	62 7/8	11271
3	166	9	852	15	1800	21	2914	27	4136	33	5419	39	6721	45	8004	51	9226	57	10340	63	11289
3 1/8	176	9 1/8	869	15 1/8	1822	21 1/8	2939	27 1/8	4163	33 1/8	5446	39 1/8	6748	45 1/8	8030	51 1/8	9250	57 1/8	10362	63 1/8	11306
3 1/4	187	9 1/4	887	15 1/4	1843	21 1/4	2964	27 1/4	4189	33 1/4	5473	39 1/4	6775	45 1/4	8056	51 1/4	9275	57 1/4	10384	63 1/4	11323
3 3/8	198	9 3/8	905	15 3/8	1865	21 3/8	2988	27 3/8	4215	33 3/8	5500	39 3/8	6802	45 3/8	8082	51 3/8	9299	57 3/8	10405	63 3/8	11341
3 1/2	209	9 1/2	922	15 1/2	1887	21 1/2	3013	27 1/2	4241	33 1/2	5527	39 1/2	6829	45 1/2	8109	51 1/2	9323	57 1/2	10427	63 1/2	11358
3 5/8	220	9 5/8	940	15 5/8	1909	21 5/8	3038	27 5/8	4268	33 5/8	5554	39 5/8	6856	45 5/8	8135	51 5/8	9348	57 5/8	10448	63 5/8	11375
3 3/4	231	9 3/4	958	15 3/4	1931	21 3/4	3062	27 3/4	4294	33 3/4	5581	39 3/4	6884	45 3/4	8161	51 3/4	9372	57 3/4	10469	63 3/4	11391
3 7/8	243	9 7/8	977	15 7/8	1954	21 7/8	3087	27 7/8	4321	33 7/8	5609	39 7/8	6911	45 7/8	8187	51 7/8	9396	57 7/8	10491	63 7/8	11408
4	255	10	995	16	1976	22	3112	28	4347	34	5636	40	6937	46	8213	52	9420	58	10512	64	11425
4 1/8	267	10 1/8	1013	16 1/8	1998	22 1/8	3137	28 1/8	4373	34 1/8	5663	40 1/8	6964	46 1/8	8239	52 1/8	9444	58 1/8	10533	64 1/8	11441
4 1/4	279	10 1/4	1032	16 1/4	2021	22 1/4	3162	28 1/4	4400	34 1/4	5690	40 1/4	6991	46 1/4	8265	52 1/4	9468	58 1/4	10554	64 1/4	11458
4 3/8	291	10 3/8	1050	16 3/8	2043	22 3/8	3187	28 3/8	4426	34 3/8	5717	40 3/8	7018	46 3/8	8291	52 3/8	9492	58 3/8	10575	64 3/8	11474
4 1/2	304	10 1/2	1069	16 1/2	2066	22 1/2	3212	28 1/2	4453	34 1/2	5744	40 1/2	7045	46 1/2	8317	52 1/2	9516	58 1/2	10596	64 1/2	11490
4 5/8	317	10 5/8	1088	16 5/8	2088	22 5/8	3237	28 5/8	4479	34 5/8	5771	40 5/8	7072	46 5/8	8343	52 5/8	9540	58 5/8	10617	64 5/8	11506
4 3/4	329	10 3/4	1107	16 3/4	2111	22 3/4	3262	28 3/4	4506	34 3/4	5798	40 3/4	7099	46 3/4	8368	52 3/4	9564	58 3/4	10637	64 3/4	11522
4 7/8	342	10 7/8	1126	16 7/8	2133	22 7/8	3287	28 7/8	4533	34 7/8	5826	40 7/8	7126	46 7/8	8394	52 7/8	9588	58 7/8	10658	64 7/8	11538
5	356	11	1145	17	2156	23	3312	29	4559	35	5853	41	7153	47	8420	53	9612	59	10678	65	11553
5 1/8	369	11 1/8	1164	17 1/8	2179	23 1/8	3338	29 1/8	4586	35 1/8	5880	41 1/8	7180	47 1/8	8446	53 1/8	9635	59 1/8	10699	65 1/8	11569
5 1/4	382	11 1/4	1183	17 1/4	2202	23 1/4	3363	29 1/4	4612	35 1/4	5907	41 1/4	7207	47 1/4	8472	53 1/4	9659	59 1/4	10719	65 1/4	11584
5 3/8	396	11 3/8	1202	17 3/8	2225	23 3/8	3388	29 3/8	4639	35 3/8	5934	41 3/8	7234	47 3/8	8497	53 3/8	9683	59 3/8	10740	65 3/8	11599
5 1/2	410	11 1/2	1222	17 1/2	2248	23 1/2	3413	29 1/2	4666	35 1/2	5961	41 1/2	7260	47 1/2	8523	53 1/2	9706	59 1/2	10760	65 1/2	11615
5 5/8	424	11 5/8	1241	17 5/8	2271	23 5/8	3439	29 5/8	4692	35 5/8	5989	41 5/8	7287	47 5/8	8548	53 5/8	9730	59 5/8	10780	65 5/8	11630
5 3/4	438	11 3/4	1261	17 3/4	2294	23 3/4	3464	29 3/4	4719	35 3/4	6016	41 3/4	7314	47 3/4	8574	53 3/4	9753	59 3/4	10800	65 3/4	11644
5 7/8	452	11 7/8	1281	17 7/8	2317	23 7/8	3490	29 7/8	4746	35 7/8	6043	41 7/8	7341	47 7/8	8600	53 7/8	9776	59 7/8	10820	65 7/8	11659

** PRECISION IS ABOUT +/- 1%



CAPACITY CHART FOR NN06430459 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	11674	67	11785	68	11885	69	11974	70	12050	71	12108										
66 1/8	11688	67 1/8	11798	68 1/8	11897	69 1/8	11985	70 1/8	12058	71 1/8	12114										
66 1/4	11702	67 1/4	11811	68 1/4	11909	69 1/4	11995	70 1/4	12066	71 1/4	12119										
66 3/8	11716	67 3/8	11824	68 3/8	11920	69 3/8	12004	70 3/8	12074	71 3/8	12124										
66 1/2	11730	67 1/2	11836	68 1/2	11931	69 1/2	12014	70 1/2	12081	71 1/2	12129										
66 5/8	11744	67 5/8	11849	68 5/8	11942	69 5/8	12023	70 5/8	12088	71 5/8	12132										
66 3/4	11758	67 3/4	11861	68 3/4	11953	69 3/4	12032	70 3/4	12095	71 3/4	12136										
66 7/8	11771	67 7/8	11873	68 7/8	11964	69 7/8	12041	70 7/8	12102	71 7/8	12138										

** PRECISION IS ABOUT +/- 1%