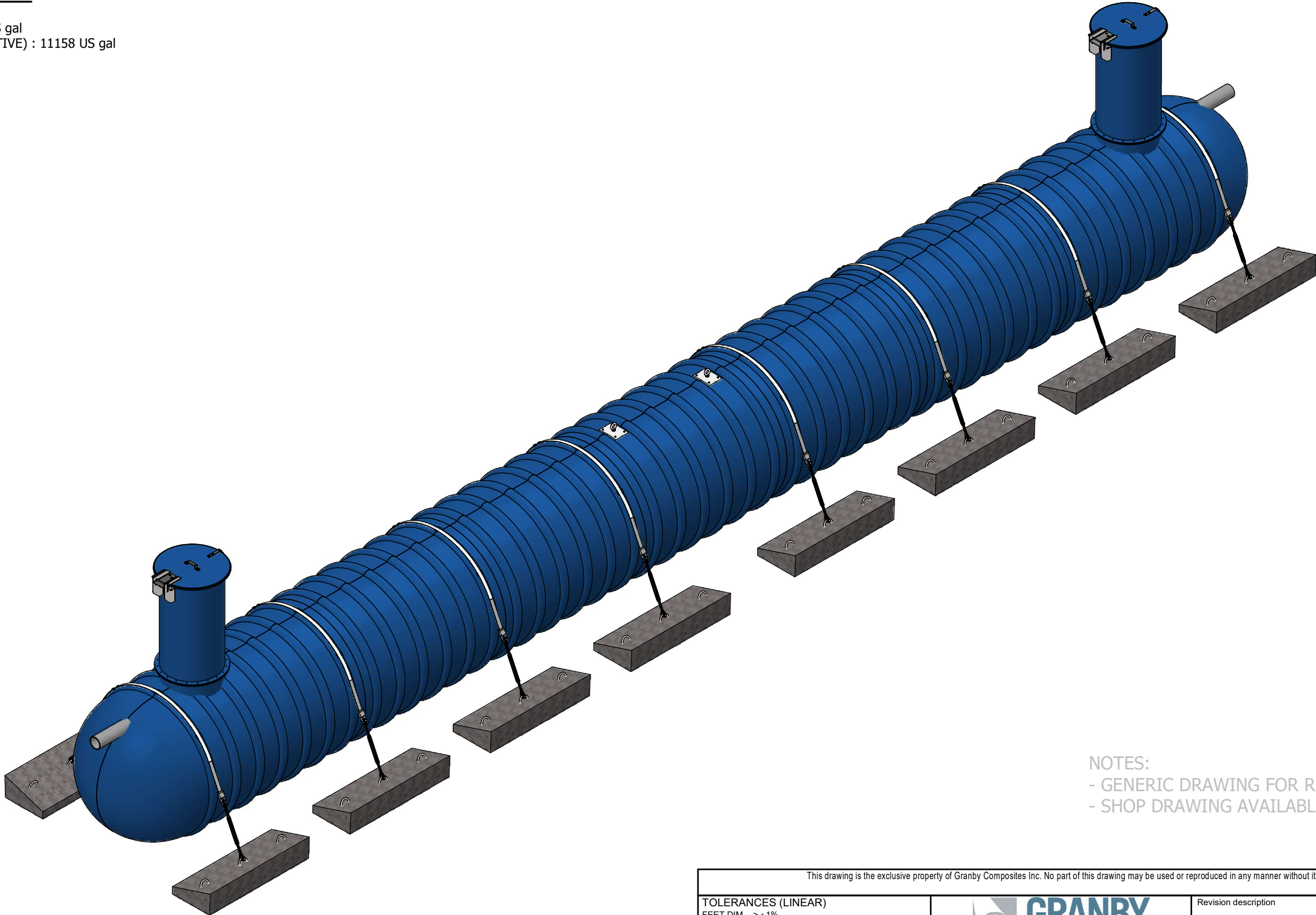


NN06440471FS

FIBERGLASS TANK
 TOTAL CAPACITY : 12406 US gal
 NOMINAL CAPACITY (EFFECTIVE) : 11158 US gal

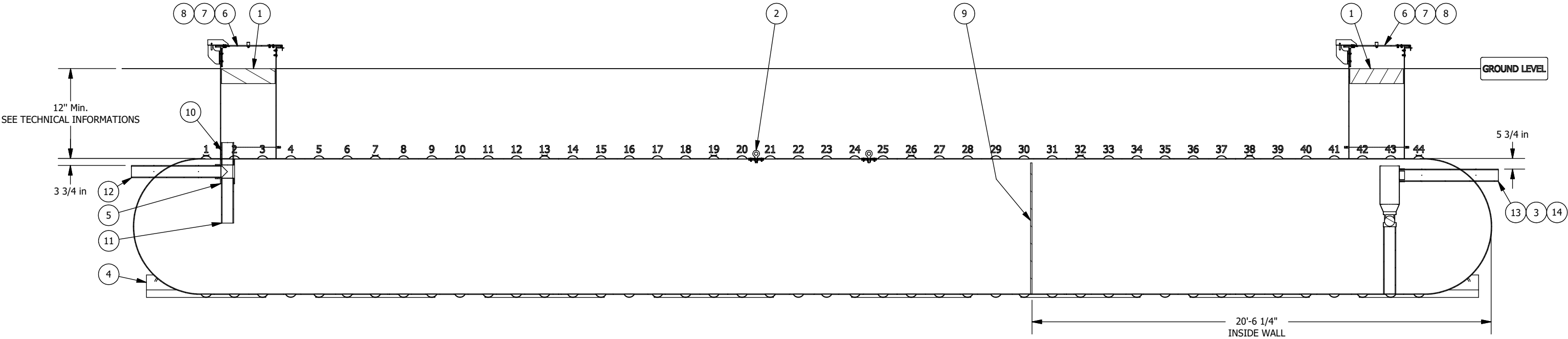
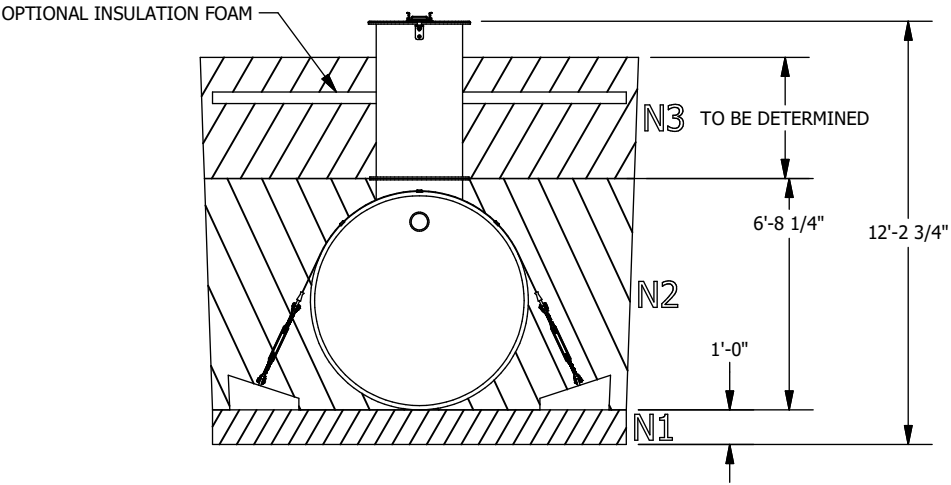


NOTES:
 - GENERIC DRAWING FOR REFERENCE ONLY
 - SHOP DRAWING AVAILABLE ON REQUEST

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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"								
TOLERANCES (ANGULAR)			Drawn by O. Marin			19/01/2024			Format B		Part no. NN06440471FS		REV 02.	
0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG.									0.00 -> ± 0.1 DEG.			Title		
Weight : 5137 Lb			Approved by :			6' Dia. TANK - 12406 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	8	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 : 8
- (If required) Quantity of reinforced concrete deadman anchors : 16
- 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"		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. NN06440471FS REV 02.
Weight : 5137 Lb		Approved by :		Title
Client		# Projet		6' Dia. TANK - 12406 US gal
		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. NN06440471FS REV 02.
Weight : 5137 Lb		Approved by :		Title 6' Dia. TANK - 12406 US gal
Client	# Project	Sheet 3 / 4		



-

Fiberglass Strap Guide

Directly installed on the tank



CAPACITY CHART FOR NN06440471 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	477	12	1330	18	2393	24	3593	30	4878	36	6203	42	7529	48	8814	54	10014	60	11077
1/8	2	6 1/8	492	12 1/8	1350	18 1/8	2416	24 1/8	3619	30 1/8	4905	36 1/8	6231	42 1/8	7556	48 1/8	8840	54 1/8	10038	60 1/8	11097
1/4	5	6 1/4	507	12 1/4	1370	18 1/4	2440	24 1/4	3645	30 1/4	4933	36 1/4	6259	42 1/4	7584	48 1/4	8866	54 1/4	10062	60 1/4	11118
3/8	8	6 3/8	522	12 3/8	1391	18 3/8	2464	24 3/8	3671	30 3/8	4960	36 3/8	6287	42 3/8	7611	48 3/8	8892	54 3/8	10085	60 3/8	11138
1/2	12	6 1/2	538	12 1/2	1411	18 1/2	2488	24 1/2	3697	30 1/2	4987	36 1/2	6314	42 1/2	7638	48 1/2	8918	54 1/2	10109	60 1/2	11158
5/8	17	6 5/8	553	12 5/8	1432	18 5/8	2512	24 5/8	3724	30 5/8	5015	36 5/8	6342	42 5/8	7665	48 5/8	8944	54 5/8	10132	60 5/8	11177
3/4	22	6 3/4	569	12 3/4	1453	18 3/4	2536	24 3/4	3750	30 3/4	5042	36 3/4	6370	42 3/4	7693	48 3/4	8970	54 3/4	10156	60 3/4	11197
7/8	27	6 7/8	584	12 7/8	1474	18 7/8	2561	24 7/8	3776	30 7/8	5070	36 7/8	6398	42 7/8	7720	48 7/8	8995	54 7/8	10179	60 7/8	11217
1	33	7	600	13	1495	19	2585	25	3802	31	5097	37	6425	43	7747	49	9021	55	10202	61	11236
1 1/8	39	7 1/8	616	13 1/8	1516	19 1/8	2609	25 1/8	3829	31 1/8	5124	37 1/8	6453	43 1/8	7774	49 1/8	9047	55 1/8	10226	61 1/8	11256
1 1/4	46	7 1/4	632	13 1/4	1537	19 1/4	2633	25 1/4	3855	31 1/4	5152	37 1/4	6481	43 1/4	7801	49 1/4	9073	55 1/4	10249	61 1/4	11275
1 3/8	53	7 3/8	649	13 3/8	1558	19 3/8	2658	25 3/8	3882	31 3/8	5179	37 3/8	6509	43 3/8	7829	49 3/8	9098	55 3/8	10272	61 3/8	11295
1 1/2	60	7 1/2	665	13 1/2	1579	19 1/2	2682	25 1/2	3908	31 1/2	5207	37 1/2	6536	43 1/2	7856	49 1/2	9124	55 1/2	10295	61 1/2	11314
1 5/8	68	7 5/8	681	13 5/8	1600	19 5/8	2707	25 5/8	3934	31 5/8	5235	37 5/8	6564	43 5/8	7883	49 5/8	9149	55 5/8	10318	61 5/8	11333
1 3/4	76	7 3/4	698	13 3/4	1622	19 3/4	2731	25 3/4	3961	31 3/4	5262	37 3/4	6592	43 3/4	7910	49 3/4	9175	55 3/4	10341	61 3/4	11352
1 7/8	84	7 7/8	715	13 7/8	1643	19 7/8	2756	25 7/8	3987	31 7/8	5290	37 7/8	6620	43 7/8	7937	49 7/8	9200	55 7/8	10364	61 7/8	11371
2	93	8	732	14	1665	20	2780	26	4014	32	5317	38	6647	44	7964	50	9226	56	10387	62	11390
2 1/8	101	8 1/8	749	14 1/8	1686	20 1/8	2805	26 1/8	4041	32 1/8	5345	38 1/8	6675	44 1/8	7991	50 1/8	9251	56 1/8	10409	62 1/8	11408
2 1/4	110	8 1/4	766	14 1/4	1708	20 1/4	2830	26 1/4	4067	32 1/4	5372	38 1/4	6703	44 1/4	8018	50 1/4	9276	56 1/4	10432	62 1/4	11427
2 3/8	120	8 3/8	783	14 3/8	1730	20 3/8	2855	26 3/8	4094	32 3/8	5400	38 3/8	6730	44 3/8	8045	50 3/8	9302	56 3/8	10455	62 3/8	11445
2 1/2	129	8 1/2	800	14 1/2	1752	20 1/2	2879	26 1/2	4121	32 1/2	5428	38 1/2	6758	44 1/2	8072	50 1/2	9327	56 1/2	10477	62 1/2	11464
2 5/8	139	8 5/8	818	14 5/8	1774	20 5/8	2904	26 5/8	4147	32 5/8	5455	38 5/8	6786	44 5/8	8099	50 5/8	9352	56 5/8	10500	62 5/8	11482
2 3/4	149	8 3/4	835	14 3/4	1796	20 3/4	2929	26 3/4	4174	32 3/4	5483	38 3/4	6813	44 3/4	8125	50 3/4	9377	56 3/4	10522	62 3/4	11500
2 7/8	159	8 7/8	853	14 7/8	1818	20 7/8	2954	26 7/8	4201	32 7/8	5510	38 7/8	6841	44 7/8	8152	50 7/8	9403	56 7/8	10544	62 7/8	11518
3	170	9	871	15	1840	21	2979	27	4228	33	5538	39	6869	45	8179	51	9428	57	10567	63	11536
3 1/8	180	9 1/8	889	15 1/8	1862	21 1/8	3004	27 1/8	4254	33 1/8	5566	39 1/8	6896	45 1/8	8206	51 1/8	9453	57 1/8	10589	63 1/8	11554
3 1/4	191	9 1/4	907	15 1/4	1885	21 1/4	3029	27 1/4	4281	33 1/4	5593	39 1/4	6924	45 1/4	8233	51 1/4	9478	57 1/4	10611	63 1/4	11571
3 3/8	202	9 3/8	925	15 3/8	1907	21 3/8	3055	27 3/8	4308	33 3/8	5621	39 3/8	6952	45 3/8	8259	51 3/8	9503	57 3/8	10633	63 3/8	11589
3 1/2	214	9 1/2	943	15 1/2	1930	21 1/2	3080	27 1/2	4335	33 1/2	5649	39 1/2	6979	45 1/2	8286	51 1/2	9527	57 1/2	10655	63 1/2	11606
3 5/8	225	9 5/8	962	15 5/8	1952	21 5/8	3105	27 5/8	4362	33 5/8	5676	39 5/8	7007	45 5/8	8313	51 5/8	9552	57 5/8	10677	63 5/8	11624
3 3/4	237	9 3/4	980	15 3/4	1975	21 3/4	3130	27 3/4	4389	33 3/4	5704	39 3/4	7034	45 3/4	8340	51 3/4	9577	57 3/4	10699	63 3/4	11641
3 7/8	249	9 7/8	999	15 7/8	1997	21 7/8	3156	27 7/8	4416	33 7/8	5732	39 7/8	7062	45 7/8	8366	51 7/8	9602	57 7/8	10720	63 7/8	11658
4	261	10	1017	16	2020	22	3181	28	4443	34	5760	40	7090	46	8393	52	9626	58	10742	64	11675
4 1/8	273	10 1/8	1036	16 1/8	2043	22 1/8	3206	28 1/8	4470	34 1/8	5787	40 1/8	7117	46 1/8	8419	52 1/8	9651	58 1/8	10764	64 1/8	11692
4 1/4	285	10 1/4	1055	16 1/4	2066	22 1/4	3232	28 1/4	4497	34 1/4	5815	40 1/4	7145	46 1/4	8446	52 1/4	9676	58 1/4	10785	64 1/4	11709
4 3/8	298	10 3/8	1074	16 3/8	2089	22 3/8	3257	28 3/8	4524	34 3/8	5843	40 3/8	7172	46 3/8	8472	52 3/8	9700	58 3/8	10806	64 3/8	11725
4 1/2	311	10 1/2	1093	16 1/2	2112	22 1/2	3283	28 1/2	4551	34 1/2	5870	40 1/2	7200	46 1/2	8499	52 1/2	9725	58 1/2	10828	64 1/2	11742
4 5/8	324	10 5/8	1112	16 5/8	2135	22 5/8	3309	28 5/8	4578	34 5/8	5898	40 5/8	7227	46 5/8	8525	52 5/8	9749	58 5/8	10849	64 5/8	11758
4 3/4	337	10 3/4	1131	16 3/4	2158	22 3/4	3334	28 3/4	4605	34 3/4	5926	40 3/4	7255	46 3/4	8552	52 3/4	9773	58 3/4	10870	64 3/4	11775
4 7/8	350	10 7/8	1151	16 7/8	2181	22 7/8	3360	28 7/8	4633	34 7/8	5954	40 7/8	7282	46 7/8	8578	52 7/8	9798	58 7/8	10891	64 7/8	11791
5	364	11	1170	17	2204	23	3386	29	4660	35	5981	41	7310	47	8604	53	9822	59	10912	65	11807
5 1/8	377	11 1/8	1190	17 1/8	2228	23 1/8	3411	29 1/8	4687	35 1/8	6009	41 1/8	7337	47 1/8	8631	53 1/8	9846	59 1/8	10933	65 1/8	11822
5 1/4	391	11 1/4	1210	17 1/4	2251	23 1/4	3437	29 1/4	4714	35 1/4	6037	41 1/4	7365	47 1/4	8657	53 1/4	9870	59 1/4	10954	65 1/4	11838
5 3/8	405	11 3/8	1229	17 3/8	2274	23 3/8	3463	29 3/8	4741	35 3/8	6065	41 3/8	7392	47 3/8	8683	53 3/8	9895	59 3/8	10975	65 3/8	11854
5 1/2	419	11 1/2	1249	17 1/2	2298	23 1/2	3489	29 1/2	4769	35 1/2	6092	41 1/2	7420	47 1/2	8709	53 1/2	9919	59 1/2	10995	65 1/2	11869
5 5/8	434	11 5/8	1269	17 5/8	2322	23 5/8	3515	29 5/8	4796	35 5/8	6120	41 5/8	7447	47 5/8	8736	53 5/8	9943	59 5/8	11016	65 5/8	11884
5 3/4	448	11 3/4	1289	17 3/4	2345	23 3/4	3541	29 3/4	4823	35 3/4	6148	41 3/4	7474	47 3/4	8762	53 3/4	9966	59 3/4	11037	65 3/4	11900
5 7/8	463	11 7/8	1309	17 7/8	2369	23 7/8	3567	29 7/8	4850	35 7/8	6176	41 7/8	7502	47 7/8	8788	53 7/8	9990	59 7/8	11057	65 7/8	11915

** PRECISION IS ABOUT +/- 1%



CAPACITY CHART FOR NN06440471 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	11930	67	12043	68	12146	69	12237	70	12314	71	12374										
66 1/8	11944	67 1/8	12057	68 1/8	12158	69 1/8	12248	70 1/8	12323	71 1/8	12380										
66 1/4	11959	67 1/4	12070	68 1/4	12170	69 1/4	12258	70 1/4	12331	71 1/4	12385										
66 3/8	11973	67 3/8	12083	68 3/8	12182	69 3/8	12268	70 3/8	12339	71 3/8	12390										
66 1/2	11988	67 1/2	12096	68 1/2	12193	69 1/2	12278	70 1/2	12347	71 1/2	12395										
66 5/8	12002	67 5/8	12109	68 5/8	12205	69 5/8	12287	70 5/8	12354	71 5/8	12399										
66 3/4	12016	67 3/4	12121	68 3/4	12216	69 3/4	12296	70 3/4	12361	71 3/4	12402										
66 7/8	12029	67 7/8	12134	68 7/8	12227	69 7/8	12305	70 7/8	12368	71 7/8	12405										

** PRECISION IS ABOUT +/- 1%