

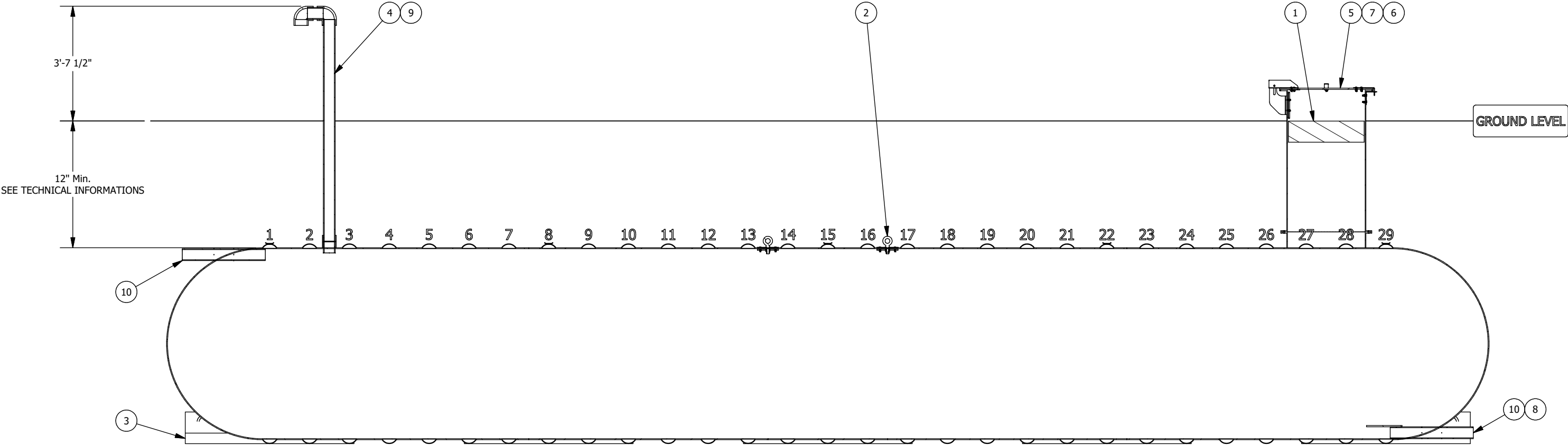
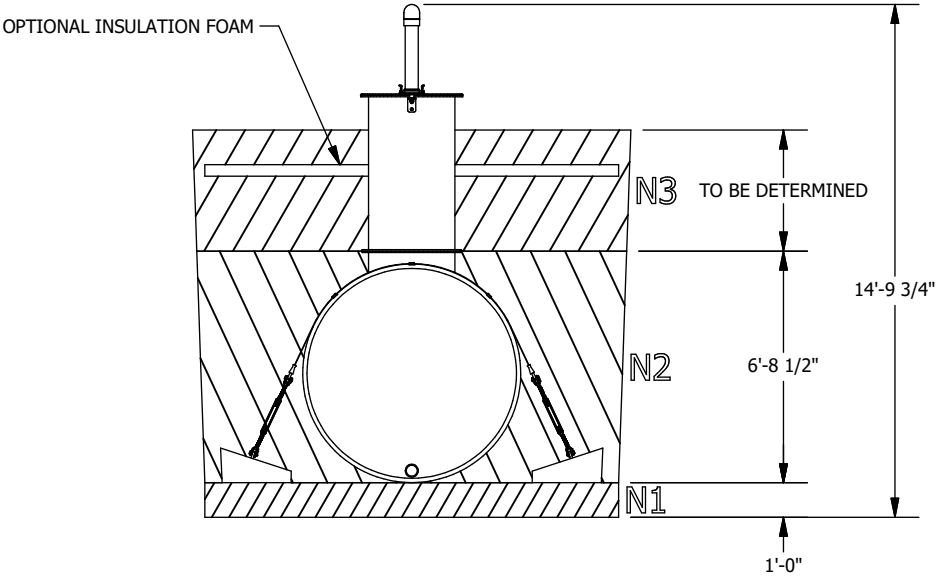
FIBERGLASS TANK



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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. NN06290318EP	REV 02 .
Weight : 3307 Lb		Drawn by O. Marin		19/12/2023		
Client		Approved by :		Title 6' Dia. TANK - 8407 US gal		
# Projct		Sheet 1 / 4				

Item	Part Number	Qty	Description	Check List
1	ADF0000001	1	FOAM 28-3/4" DIA. x 8" / R-35	
2	ADP0000001	2	LIFTING LUG	
3	ENSCOUR6	5	ANCHORING KIT	
4	EV480	1	4" SCH. 80 VENT KIT WITH SST BIRD SCREEN	
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 (36"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

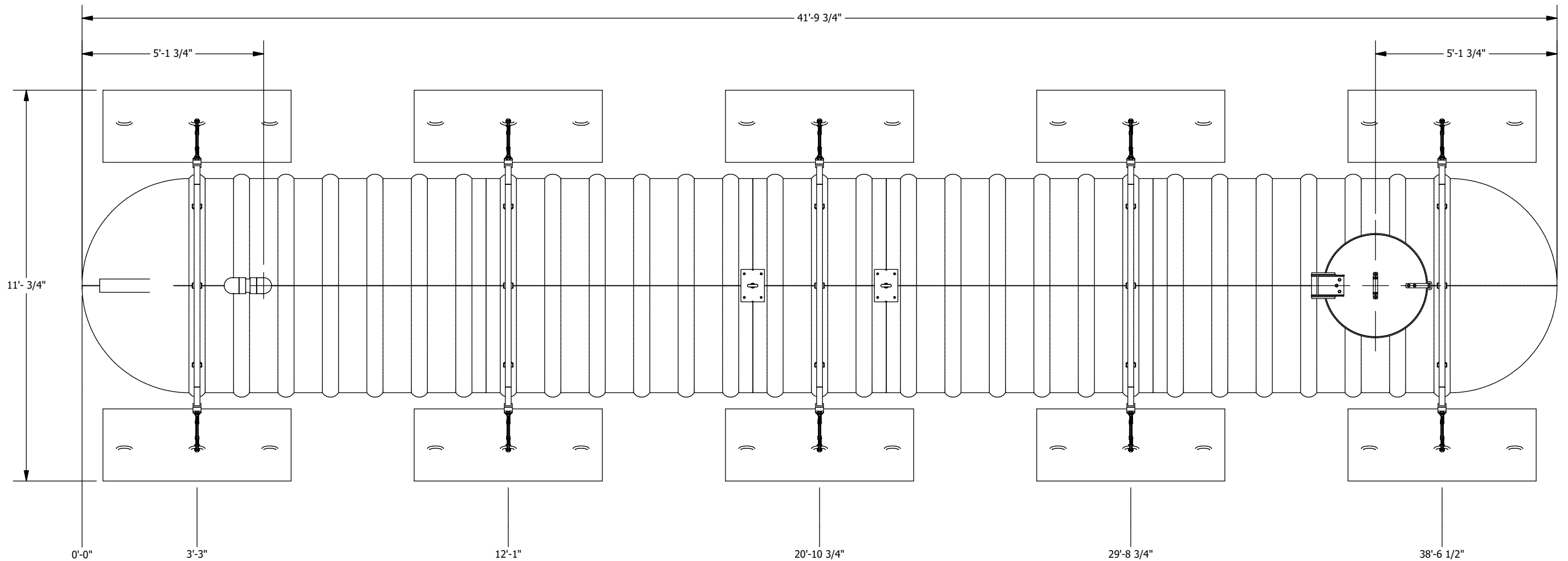
- Technical informations**
- Burrial depth: According to the geotechnical installation conditions
 - Inside Diameter : 72
 - (If required) Quantity of fiberglass anchoring straps : 5
 - (If required) Quantity of reinforced concrete deadman anchors : 10
 - Simultaneous lifting by 2 lugs. The angle of 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
 - Manufactured according to NSF-61 requirements for drinking water
 - Airtightness test performed at the factory at 35 kPa

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

SECTION ELEVATION VIEW

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

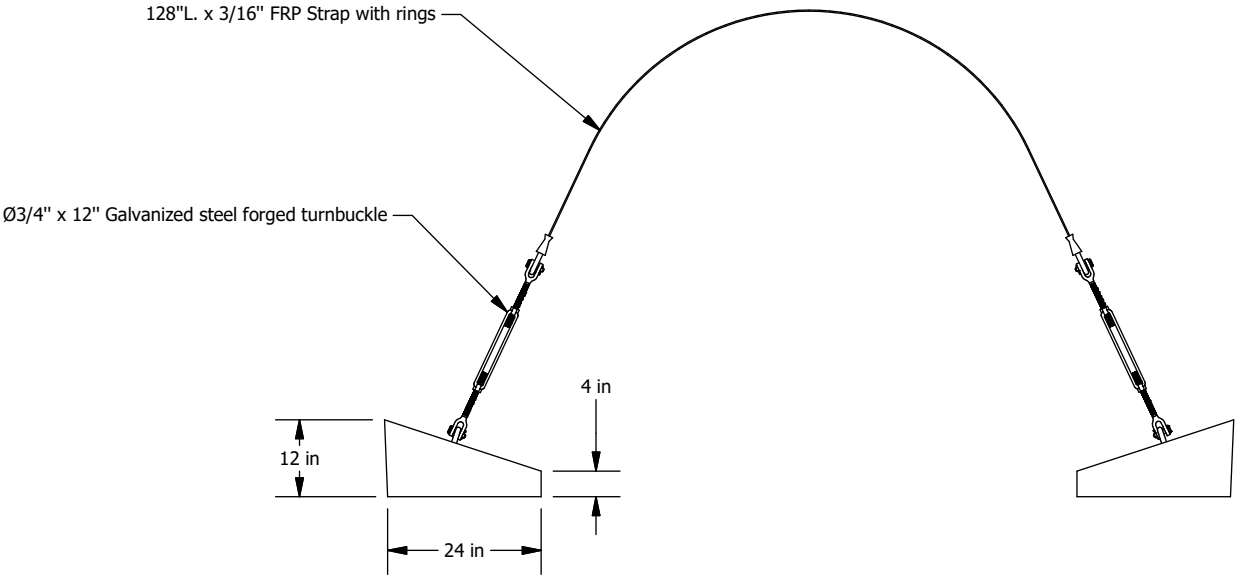
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TOLERANCES (ANGULAR) 0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG. 0.00 -> ± 0.1 DEG.				Format B	Part no. NN06290318EP
Weight : 3307 Lb		Drawn by O. Marin		19/12/2023	
Client		# Projet		Sheet 2 / 4	
				6' Dia. TANK - 8407 US gal	



PLAN VIEW

NOTES:
- GENERIC DRAWING FOR REFERENCE ONLY
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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		Format B		Part no. NN06290318EP
Weight : 3307 Lb		Approved by :		REV 02.		
Client		# Projet		Title 6' Dia. TANK - 8407 US gal		
		Sheet 3 / 4				



ITEM : ENSCOUR6



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) FEET DIM. -> ± 1% 0.0 -> ± 0.5" 0.00 -> ± 0.25" 0.000 -> ± 0.125"			Revision description		
			Format B	Part no. ENSCOUR6	REV A.
TOLERANCES (ANGULAR) 0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG. 0.00 -> ± 0.1 DEG.		Drawn by O. Marin	04/10/2018		
Weight :		Approved by :	Title ANCHORING KIT		
Client	# Projet	Sheet	4 / 4		



CAPACITY CHART FOR NN06290318 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	318	12	891	18	1611	24	2426	30	3301	36	4204	42	5107	48	5982	54	6797	60	7517
1/8	1	6 1/8	328	12 1/8	905	18 1/8	1627	24 1/8	2444	30 1/8	3319	36 1/8	4223	42 1/8	5126	48 1/8	6000	54 1/8	6813	60 1/8	7530
1/4	3	6 1/4	338	12 1/4	919	18 1/4	1643	24 1/4	2462	30 1/4	3338	36 1/4	4242	42 1/4	5144	48 1/4	6017	54 1/4	6829	60 1/4	7544
3/8	5	6 3/8	348	12 3/8	933	18 3/8	1659	24 3/8	2479	30 3/8	3357	36 3/8	4261	42 3/8	5163	48 3/8	6035	54 3/8	6845	60 3/8	7557
1/2	8	6 1/2	359	12 1/2	947	18 1/2	1676	24 1/2	2497	30 1/2	3375	36 1/2	4280	42 1/2	5182	48 1/2	6053	54 1/2	6861	60 1/2	7571
5/8	11	6 5/8	369	12 5/8	961	18 5/8	1692	24 5/8	2515	30 5/8	3394	36 5/8	4299	42 5/8	5200	48 5/8	6070	54 5/8	6877	60 5/8	7584
3/4	14	6 3/4	379	12 3/4	975	18 3/4	1708	24 3/4	2533	30 3/4	3413	36 3/4	4317	42 3/4	5219	48 3/4	6088	54 3/4	6893	60 3/4	7597
7/8	18	6 7/8	390	12 7/8	989	18 7/8	1725	24 7/8	2551	30 7/8	3431	36 7/8	4336	42 7/8	5237	48 7/8	6105	54 7/8	6909	60 7/8	7611
1	22	7	400	13	1003	19	1741	25	2569	31	3450	37	4355	43	5256	49	6123	55	6925	61	7624
1 1/8	26	7 1/8	411	13 1/8	1017	19 1/8	1758	25 1/8	2587	31 1/8	3469	37 1/8	4374	43 1/8	5274	49 1/8	6140	55 1/8	6941	61 1/8	7637
1 1/4	30	7 1/4	422	13 1/4	1031	19 1/4	1774	25 1/4	2604	31 1/4	3487	37 1/4	4393	43 1/4	5293	49 1/4	6158	55 1/4	6956	61 1/4	7650
1 3/8	35	7 3/8	433	13 3/8	1046	19 3/8	1791	25 3/8	2622	31 3/8	3506	37 3/8	4412	43 3/8	5311	49 3/8	6175	55 3/8	6972	61 3/8	7663
1 1/2	40	7 1/2	444	13 1/2	1060	19 1/2	1807	25 1/2	2640	31 1/2	3525	37 1/2	4431	43 1/2	5330	49 1/2	6193	55 1/2	6988	61 1/2	7676
1 5/8	45	7 5/8	455	13 5/8	1074	19 5/8	1824	25 5/8	2658	31 5/8	3544	37 5/8	4450	43 5/8	5348	49 5/8	6210	55 5/8	7003	61 5/8	7689
1 3/4	50	7 3/4	466	13 3/4	1089	19 3/4	1841	25 3/4	2676	31 3/4	3562	37 3/4	4469	43 3/4	5367	49 3/4	6227	55 3/4	7019	61 3/4	7702
1 7/8	56	7 7/8	477	13 7/8	1103	19 7/8	1857	25 7/8	2695	31 7/8	3581	37 7/8	4488	43 7/8	5385	49 7/8	6245	55 7/8	7034	61 7/8	7714
2	61	8	489	14	1118	20	1874	26	2713	32	3600	38	4506	44	5403	50	6262	56	7050	62	7727
2 1/8	67	8 1/8	500	14 1/8	1133	20 1/8	1891	26 1/8	2731	32 1/8	3619	38 1/8	4525	44 1/8	5422	50 1/8	6279	56 1/8	7065	62 1/8	7740
2 1/4	73	8 1/4	512	14 1/4	1147	20 1/4	1907	26 1/4	2749	32 1/4	3638	38 1/4	4544	44 1/4	5440	50 1/4	6296	56 1/4	7080	62 1/4	7752
2 3/8	79	8 3/8	523	14 3/8	1162	20 3/8	1924	26 3/8	2767	32 3/8	3656	38 3/8	4563	44 3/8	5459	50 3/8	6314	56 3/8	7096	62 3/8	7765
2 1/2	86	8 1/2	535	14 1/2	1177	20 1/2	1941	26 1/2	2785	32 1/2	3675	38 1/2	4582	44 1/2	5477	50 1/2	6331	56 1/2	7111	62 1/2	7777
2 5/8	92	8 5/8	547	14 5/8	1192	20 5/8	1958	26 5/8	2803	32 5/8	3694	38 5/8	4601	44 5/8	5495	50 5/8	6348	56 5/8	7126	62 5/8	7789
2 3/4	99	8 3/4	558	14 3/4	1207	20 3/4	1975	26 3/4	2822	32 3/4	3713	38 3/4	4620	44 3/4	5513	50 3/4	6365	56 3/4	7141	62 3/4	7801
2 7/8	106	8 7/8	570	14 7/8	1222	20 7/8	1992	26 7/8	2840	32 7/8	3732	38 7/8	4639	44 7/8	5532	50 7/8	6382	56 7/8	7156	62 7/8	7814
3	113	9	582	15	1237	21	2009	27	2858	33	3751	39	4657	45	5550	51	6399	57	7171	63	7826
3 1/8	120	9 1/8	594	15 1/8	1252	21 1/8	2026	27 1/8	2876	33 1/8	3769	39 1/8	4676	45 1/8	5568	51 1/8	6416	57 1/8	7186	63 1/8	7838
3 1/4	127	9 1/4	607	15 1/4	1267	21 1/4	2043	27 1/4	2894	33 1/4	3788	39 1/4	4695	45 1/4	5586	51 1/4	6433	57 1/4	7201	63 1/4	7850
3 3/8	134	9 3/8	619	15 3/8	1282	21 3/8	2060	27 3/8	2913	33 3/8	3807	39 3/8	4714	45 3/8	5605	51 3/8	6450	57 3/8	7216	63 3/8	7861
3 1/2	142	9 1/2	631	15 1/2	1297	21 1/2	2077	27 1/2	2931	33 1/2	3826	39 1/2	4733	45 1/2	5623	51 1/2	6467	57 1/2	7231	63 1/2	7873
3 5/8	150	9 5/8	643	15 5/8	1312	21 5/8	2094	27 5/8	2949	33 5/8	3845	39 5/8	4752	45 5/8	5641	51 5/8	6484	57 5/8	7246	63 5/8	7885
3 3/4	157	9 3/4	656	15 3/4	1328	21 3/4	2112	27 3/4	2968	33 3/4	3864	39 3/4	4770	45 3/4	5659	51 3/4	6501	57 3/4	7261	63 3/4	7896
3 7/8	165	9 7/8	668	15 7/8	1343	21 7/8	2129	27 7/8	2986	33 7/8	3883	39 7/8	4789	45 7/8	5677	51 7/8	6517	57 7/8	7275	63 7/8	7908
4	173	10	681	16	1358	22	2146	28	3005	34	3902	40	4808	46	5695	52	6534	58	7290	64	7919
4 1/8	181	10 1/8	694	16 1/8	1374	22 1/8	2163	28 1/8	3023	34 1/8	3920	40 1/8	4827	46 1/8	5713	52 1/8	6551	58 1/8	7305	64 1/8	7931
4 1/4	190	10 1/4	706	16 1/4	1389	22 1/4	2181	28 1/4	3041	34 1/4	3939	40 1/4	4845	46 1/4	5732	52 1/4	6567	58 1/4	7319	64 1/4	7942
4 3/8	198	10 3/8	719	16 3/8	1405	22 3/8	2198	28 3/8	3060	34 3/8	3958	40 3/8	4864	46 3/8	5750	52 3/8	6584	58 3/8	7334	64 3/8	7953
4 1/2	207	10 1/2	732	16 1/2	1420	22 1/2	2215	28 1/2	3078	34 1/2	3977	40 1/2	4883	46 1/2	5768	52 1/2	6601	58 1/2	7348	64 1/2	7964
4 5/8	215	10 5/8	745	16 5/8	1436	22 5/8	2233	28 5/8	3097	34 5/8	3996	40 5/8	4902	46 5/8	5786	52 5/8	6617	58 5/8	7362	64 5/8	7975
4 3/4	224	10 3/4	758	16 3/4	1452	22 3/4	2250	28 3/4	3115	34 3/4	4015	40 3/4	4920	46 3/4	5804	52 3/4	6634	58 3/4	7377	64 3/4	7986
4 7/8	233	10 7/8	771	16 7/8	1467	22 7/8	2268	28 7/8	3134	34 7/8	4034	40 7/8	4939	46 7/8	5821	52 7/8	6650	58 7/8	7391	64 7/8	7997
5	242	11	784	17	1483	23	2285	29	3152	35	4053	41	4958	47	5839	53	6667	59	7405	65	8007
5 1/8	251	11 1/8	797	17 1/8	1499	23 1/8	2303	29 1/8	3171	35 1/8	4072	41 1/8	4977	47 1/8	5857	53 1/8	6683	59 1/8	7419	65 1/8	8018
5 1/4	260	11 1/4	811	17 1/4	1515	23 1/4	2320	29 1/4	3189	35 1/4	4091	41 1/4	4995	47 1/4	5875	53 1/4	6700	59 1/4	7433	65 1/4	8029
5 3/8	270	11 3/8	824	17 3/8	1531	23 3/8	2338	29 3/8	3208	35 3/8	4109	41 3/8	5014	47 3/8	5893	53 3/8	6716	59 3/8	7447	65 3/8	8039
5 1/2	279	11 1/2	837	17 1/2	1547	23 1/2	2355	29 1/2	3226	35 1/2	4128	41 1/2	5033	47 1/2	5911	53 1/2	6732	59 1/2	7461	65 1/2	8049
5 5/8	289	11 5/8	851	17 5/8	1563	23 5/8	2373	29 5/8	3245	35 5/8	4147	41 5/8	5051	47 5/8	5929	53 5/8	6749	59 5/8	7475	65 5/8	8060
5 3/4	298	11 3/4	864	17 3/4	1579	23 3/4	2391	29 3/4	3263	35 3/4	4166	41 3/4	5070	47 3/4	5946	53 3/4	6765	59 3/4	7489	65 3/4	8070
5 7/8	308	11 7/8	878	17 7/8	1595	23 7/8	2408	29 7/8	3282	35 7/8	4185	41 7/8	5089	47 7/8	5964	53 7/8	6781	59 7/8	7503	65 7/8	8080

** PRECISION IS ABOUT +/- 1%



CAPACITY CHART FOR NN06290318 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	8090	67	8166	68	8235	69	8295	70	8347	71	8386										
66 1/8	8100	67 1/8	8175	68 1/8	8243	69 1/8	8302	70 1/8	8352	71 1/8	8390										
66 1/4	8110	67 1/4	8184	68 1/4	8251	69 1/4	8309	70 1/4	8358	71 1/4	8394										
66 3/8	8119	67 3/8	8193	68 3/8	8258	69 3/8	8316	70 3/8	8363	71 3/8	8397										
66 1/2	8129	67 1/2	8201	68 1/2	8266	69 1/2	8322	70 1/2	8368	71 1/2	8400										
66 5/8	8138	67 5/8	8210	68 5/8	8274	69 5/8	8329	70 5/8	8373	71 5/8	8403										
66 3/4	8148	67 3/4	8218	68 3/4	8281	69 3/4	8335	70 3/4	8378	71 3/4	8405										
66 7/8	8157	67 7/8	8227	68 7/8	8288	69 7/8	8341	70 7/8	8382	71 7/8	8407										

** PRECISION IS ABOUT +/- 1%