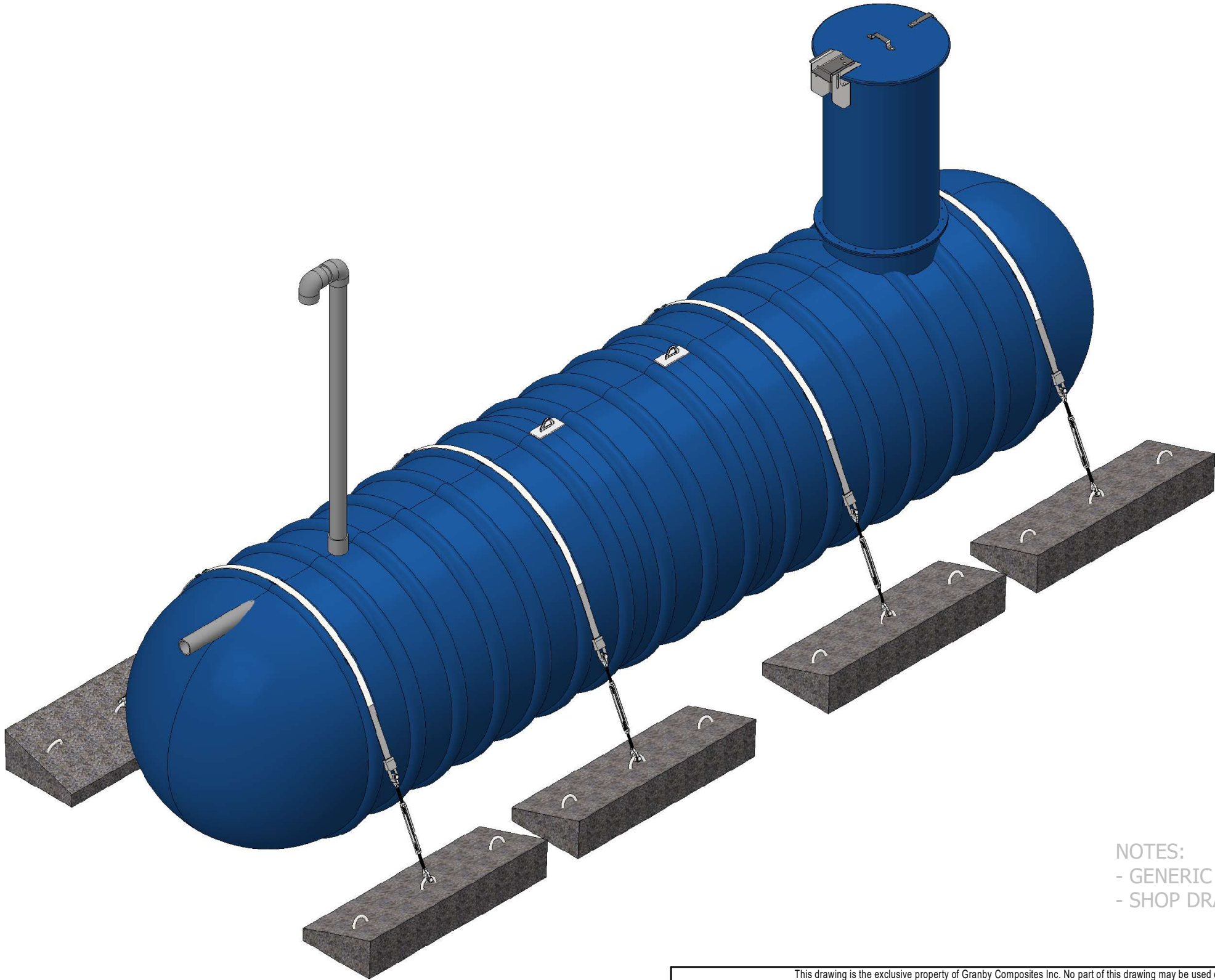


NN06170197EU
 FIBERGLASS TANK

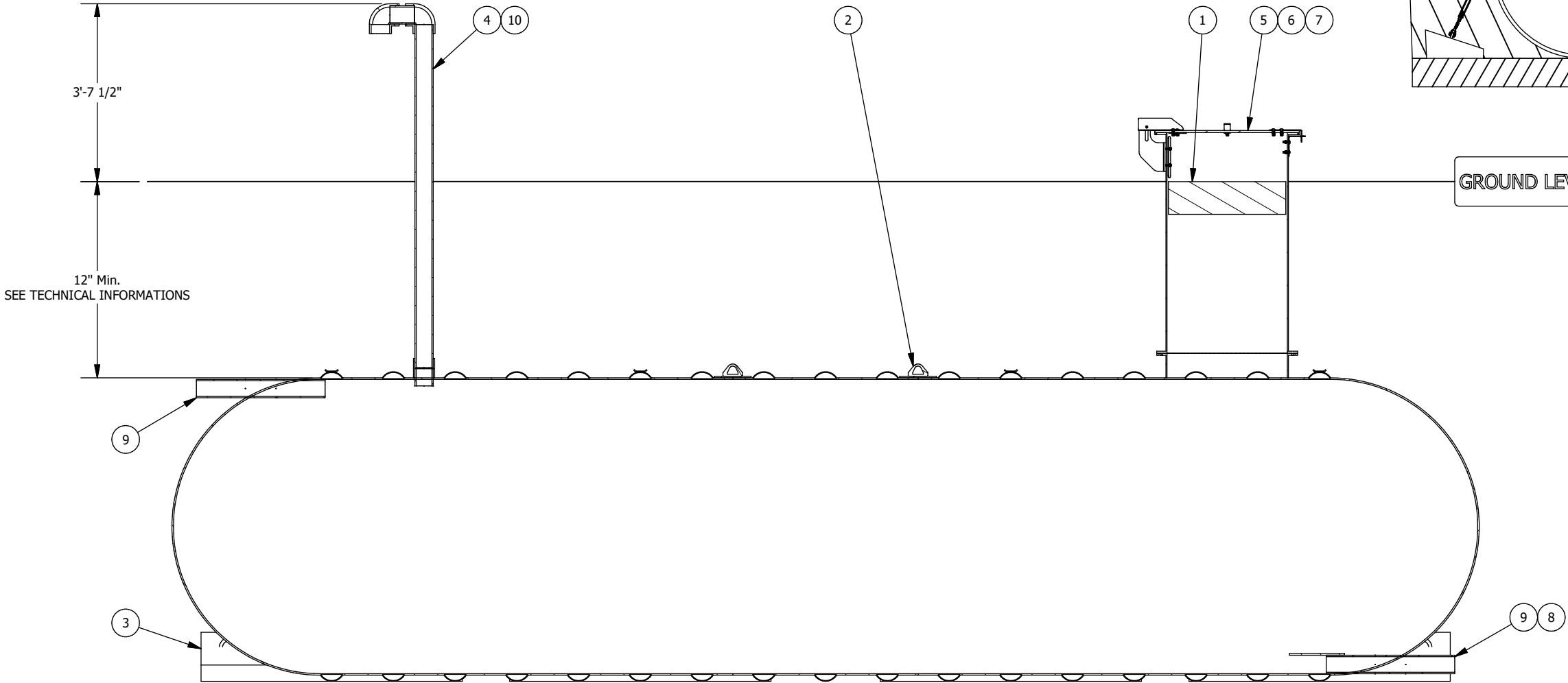
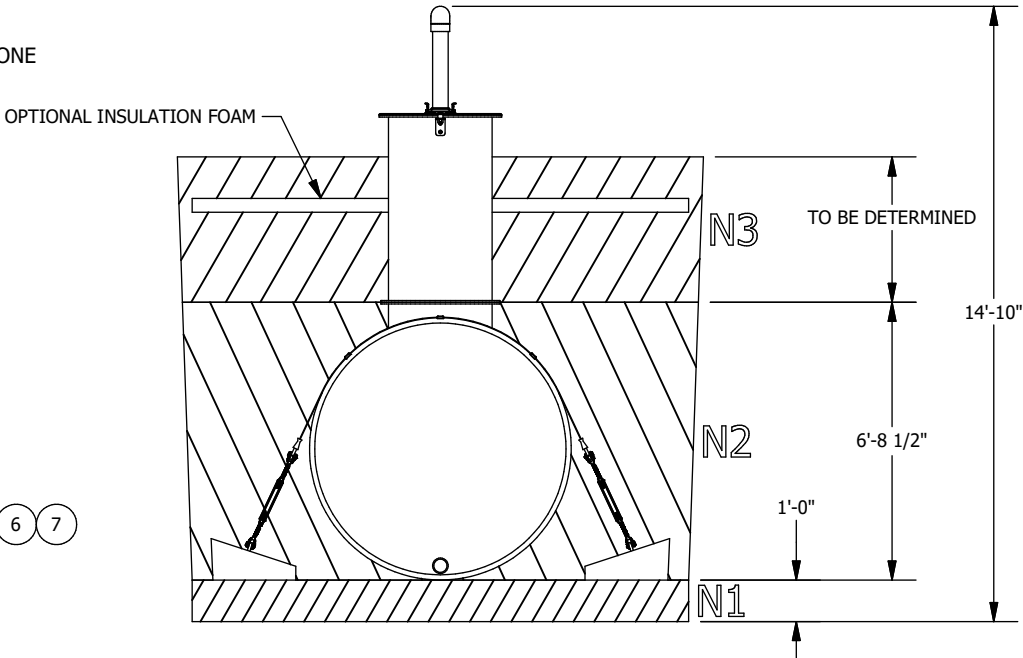


NOTES:
 - GENERIC DRAWING FOR REFERENCE ONLY
 - SHOP DRAWING AVAILABLE ON REQUEST

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TOLERANCES (LINEAR)		 GRANBY COMPOSITES		Revision description		
FEET DIM. -> ±1% 0.0 -> ±0.5"				Format B		Part no. NN06170197EU
TOLERANCES (ANGULAR)		Drawn by O. Marin		20/12/2023		Title 6' Dia. TANK - 5208 US gal
0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG.		Approved by :				
Weight : 2193 Lb						
Client		# Projet		Sheet 1 / 4		

Item	Part Number	Qty	Description	Check List
1	ADF0000001	1	FOAM 28-3/4" DIA. x 8" / R-35	
2	ADPGILP001	2	LIFTING LUGS	
3	ENSCOUR6	4	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 (36"L.)	2	4" SCH.80 GREY PVC PIPE	
10	TP80400G01 (4.25"L.)	1	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

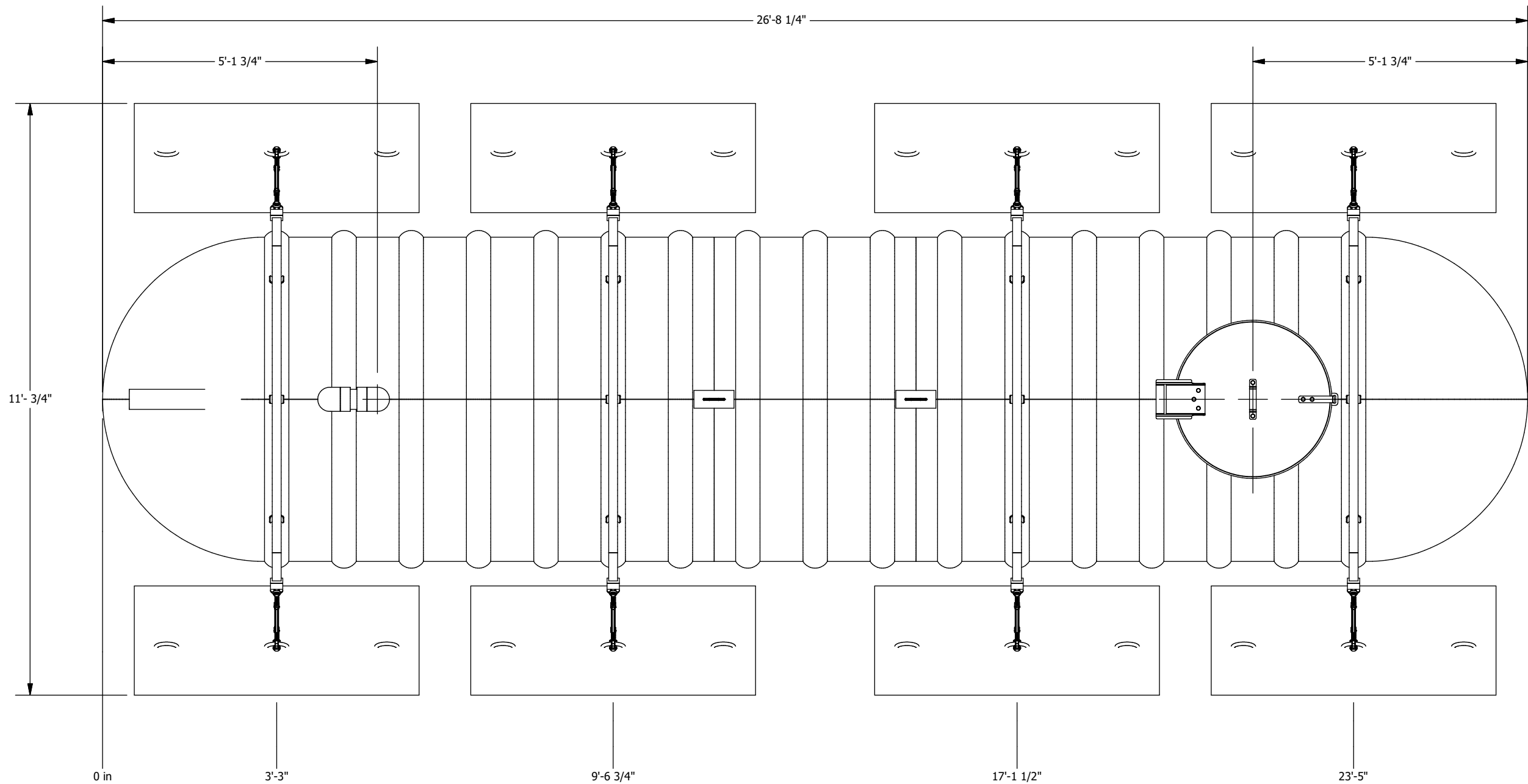
- Burrial depth: According to the geotechnical installation conditions
- Inside Diameter : 72"
- (If required) Quantity of fiberglass anchoring straps : 4
- (If required) Quantity of reinforced concrete deadman anchors : 8
- Simultaneous lifting by 2 lugs. The angle of the (chains or belts, etc.) must 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.

SECTION ELEVATION VIEW

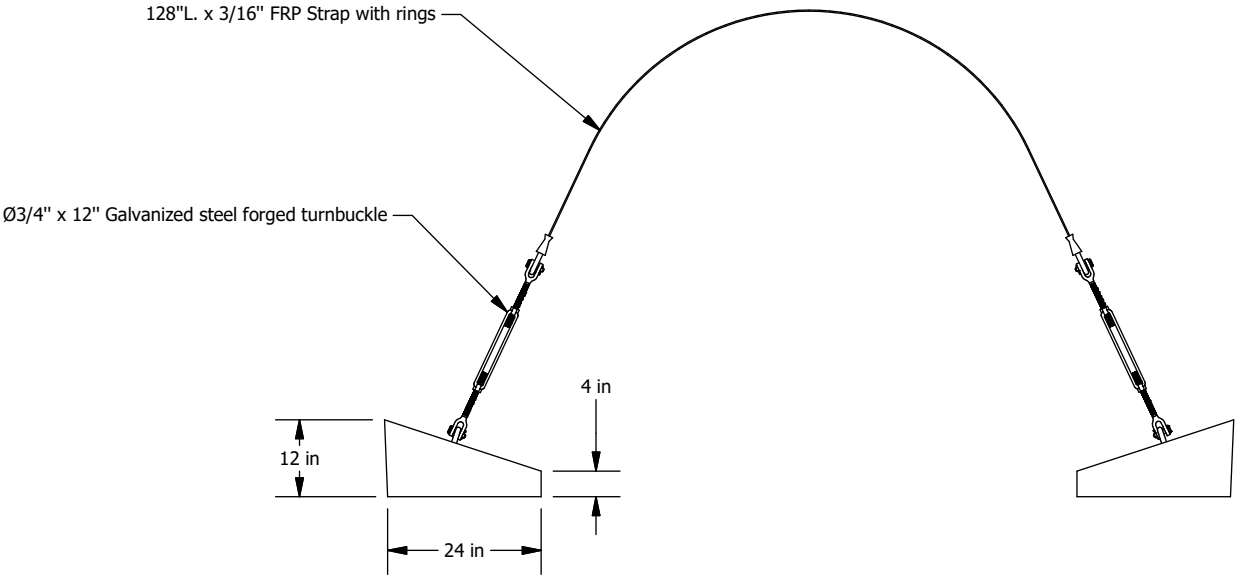
NOTES:
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TOLERANCES (LINEAR)			Revision description		
FEET DIM. -> ± 1% 0.0 -> ± 0.5"			Format	Part no.	REV
0.00 -> ± 0.25" 0.000 -> ± 0.125"			B	NN06170197EU	02.
TOLERANCES (ANGULAR)		Drawn by	20/12/2023		
0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG.		O. Marin			
Weight : 2193 Lb		Approved by :	Title		
			6' Dia. TANK - 5208 US gal		
Client	# Project	Sheet	2 / 4		



PLAN VIEW

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TOLERANCES (LINEAR) FEET DIM. -> ± 1% 0.0 -> ± 0.5"		 GRANBY COMPOSITES		Revision description	
				Format B	Part no. NN06170197EU
TOLERANCES (ANGULAR) 0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG.		Drawn by O. Marin		20/12/2023	
		Approved by :		REV 02.	
Weight : 2193 Lb		# Projet		Title 6' Dia. TANK - 5208 US gal	
Client		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"		 GRANBY COMPOSITES		Revision description	
				Format B	Part no. ENSCOUR6
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 :		REV A .	
Client		# Projet		Title ANCHORING KIT	
				Sheet 4 / 4	



CAPACITY CHART FOR NN06170197 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	191	12	541	18	985	24	1493	30	2039	36	2604	42	3170	48	3716	54	4223	60	4668
1/8	1	6 1/8	197	12 1/8	549	18 1/8	995	24 1/8	1504	30 1/8	2051	36 1/8	2616	42 1/8	3182	48 1/8	3727	54 1/8	4233	60 1/8	4676
1/4	2	6 1/4	203	12 1/4	558	18 1/4	1006	24 1/4	1515	30 1/4	2062	36 1/4	2628	42 1/4	3193	48 1/4	3738	54 1/4	4243	60 1/4	4685
3/8	3	6 3/8	209	12 3/8	566	18 3/8	1016	24 3/8	1526	30 3/8	2074	36 3/8	2640	42 3/8	3205	48 3/8	3749	54 3/8	4253	60 3/8	4693
1/2	5	6 1/2	215	12 1/2	575	18 1/2	1026	24 1/2	1537	30 1/2	2086	36 1/2	2652	42 1/2	3216	48 1/2	3760	54 1/2	4263	60 1/2	4701
5/8	7	6 5/8	222	12 5/8	584	18 5/8	1036	24 5/8	1548	30 5/8	2097	36 5/8	2664	42 5/8	3228	48 5/8	3771	54 5/8	4273	60 5/8	4709
3/4	9	6 3/4	228	12 3/4	592	18 3/4	1046	24 3/4	1559	30 3/4	2109	36 3/4	2676	42 3/4	3240	48 3/4	3782	54 3/4	4283	60 3/4	4718
7/8	11	6 7/8	234	12 7/8	601	18 7/8	1056	24 7/8	1570	30 7/8	2121	36 7/8	2687	42 7/8	3251	48 7/8	3793	54 7/8	4293	60 7/8	4726
1	13	7	241	13	610	19	1066	25	1582	31	2132	37	2699	43	3263	49	3804	55	4303	61	4734
1 1/8	16	7 1/8	247	13 1/8	618	19 1/8	1077	25 1/8	1593	31 1/8	2144	37 1/8	2711	43 1/8	3274	49 1/8	3815	55 1/8	4312	61 1/8	4742
1 1/4	18	7 1/4	254	13 1/4	627	19 1/4	1087	25 1/4	1604	31 1/4	2156	37 1/4	2723	43 1/4	3286	49 1/4	3826	55 1/4	4322	61 1/4	4750
1 3/8	21	7 3/8	260	13 3/8	636	19 3/8	1097	25 3/8	1615	31 3/8	2168	37 3/8	2735	43 3/8	3298	49 3/8	3837	55 3/8	4332	61 3/8	4758
1 1/2	24	7 1/2	267	13 1/2	645	19 1/2	1107	25 1/2	1626	31 1/2	2179	37 1/2	2747	43 1/2	3309	49 1/2	3848	55 1/2	4342	61 1/2	4766
1 5/8	27	7 5/8	274	13 5/8	654	19 5/8	1118	25 5/8	1638	31 5/8	2191	37 5/8	2758	43 5/8	3321	49 5/8	3858	55 5/8	4351	61 5/8	4774
1 3/4	30	7 3/4	281	13 3/4	663	19 3/4	1128	25 3/4	1649	31 3/4	2203	37 3/4	2770	43 3/4	3332	49 3/4	3869	55 3/4	4361	61 3/4	4782
1 7/8	33	7 7/8	288	13 7/8	672	19 7/8	1138	25 7/8	1660	31 7/8	2215	37 7/8	2782	43 7/8	3344	49 7/8	3880	55 7/8	4370	61 7/8	4789
2	36	8	294	14	681	20	1149	26	1671	32	2226	38	2794	44	3355	50	3891	56	4380	62	4797
2 1/8	40	8 1/8	301	14 1/8	690	20 1/8	1159	26 1/8	1683	32 1/8	2238	38 1/8	2806	44 1/8	3367	50 1/8	3902	56 1/8	4389	62 1/8	4805
2 1/4	43	8 1/4	308	14 1/4	699	20 1/4	1170	26 1/4	1694	32 1/4	2250	38 1/4	2818	44 1/4	3378	50 1/4	3912	56 1/4	4399	62 1/4	4812
2 3/8	47	8 3/8	315	14 3/8	708	20 3/8	1180	26 3/8	1705	32 3/8	2262	38 3/8	2829	44 3/8	3390	50 3/8	3923	56 3/8	4408	62 3/8	4820
2 1/2	51	8 1/2	323	14 1/2	717	20 1/2	1191	26 1/2	1717	32 1/2	2273	38 1/2	2841	44 1/2	3401	50 1/2	3934	56 1/2	4418	62 1/2	4828
2 5/8	55	8 5/8	330	14 5/8	726	20 5/8	1201	26 5/8	1728	32 5/8	2285	38 5/8	2853	44 5/8	3412	50 5/8	3944	56 5/8	4427	62 5/8	4835
2 3/4	59	8 3/4	337	14 3/4	735	20 3/4	1212	26 3/4	1739	32 3/4	2297	38 3/4	2865	44 3/4	3424	50 3/4	3955	56 3/4	4437	62 3/4	4843
2 7/8	63	8 7/8	344	14 7/8	744	20 7/8	1222	26 7/8	1751	32 7/8	2309	38 7/8	2877	44 7/8	3435	50 7/8	3966	56 7/8	4446	62 7/8	4850
3	67	9	352	15	754	21	1233	27	1762	33	2321	39	2888	45	3447	51	3976	57	4455	63	4857
3 1/8	71	9 1/8	359	15 1/8	763	21 1/8	1243	27 1/8	1774	33 1/8	2332	39 1/8	2900	45 1/8	3458	51 1/8	3987	57 1/8	4465	63 1/8	4865
3 1/4	76	9 1/4	366	15 1/4	772	21 1/4	1254	27 1/4	1785	33 1/4	2344	39 1/4	2912	45 1/4	3469	51 1/4	3997	57 1/4	4474	63 1/4	4872
3 3/8	80	9 3/8	374	15 3/8	782	21 3/8	1265	27 3/8	1796	33 3/8	2356	39 3/8	2924	45 3/8	3481	51 3/8	4008	57 3/8	4483	63 3/8	4879
3 1/2	85	9 1/2	381	15 1/2	791	21 1/2	1275	27 1/2	1808	33 1/2	2368	39 1/2	2936	45 1/2	3492	51 1/2	4018	57 1/2	4492	63 1/2	4886
3 5/8	89	9 5/8	389	15 5/8	801	21 5/8	1286	27 5/8	1819	33 5/8	2380	39 5/8	2947	45 5/8	3504	51 5/8	4029	57 5/8	4501	63 5/8	4893
3 3/4	94	9 3/4	396	15 3/4	810	21 3/4	1297	27 3/4	1831	33 3/4	2391	39 3/4	2959	45 3/4	3515	51 3/4	4039	57 3/4	4510	63 3/4	4901
3 7/8	99	9 7/8	404	15 7/8	820	21 7/8	1307	27 7/8	1842	33 7/8	2403	39 7/8	2971	45 7/8	3526	51 7/8	4050	57 7/8	4519	63 7/8	4908
4	103	10	412	16	829	22	1318	28	1854	34	2415	40	2983	46	3538	52	4060	58	4528	64	4915
4 1/8	108	10 1/8	420	16 1/8	839	22 1/8	1329	28 1/8	1865	34 1/8	2427	40 1/8	2994	46 1/8	3549	52 1/8	4071	58 1/8	4537	64 1/8	4921
4 1/4	113	10 1/4	427	16 1/4	848	22 1/4	1340	28 1/4	1877	34 1/4	2439	40 1/4	3006	46 1/4	3560	52 1/4	4081	58 1/4	4546	64 1/4	4928
4 3/8	118	10 3/8	435	16 3/8	858	22 3/8	1350	28 3/8	1888	34 3/8	2451	40 3/8	3018	46 3/8	3571	52 3/8	4091	58 3/8	4555	64 3/8	4935
4 1/2	124	10 1/2	443	16 1/2	867	22 1/2	1361	28 1/2	1900	34 1/2	2462	40 1/2	3030	46 1/2	3583	52 1/2	4102	58 1/2	4564	64 1/2	4942
4 5/8	129	10 5/8	451	16 5/8	877	22 5/8	1372	28 5/8	1911	34 5/8	2474	40 5/8	3041	46 5/8	3594	52 5/8	4112	58 5/8	4573	64 5/8	4948
4 3/4	134	10 3/4	459	16 3/4	887	22 3/4	1383	28 3/4	1923	34 3/4	2486	40 3/4	3053	46 3/4	3605	52 3/4	4122	58 3/4	4582	64 3/4	4955
4 7/8	139	10 7/8	467	16 7/8	897	22 7/8	1394	28 7/8	1935	34 7/8	2498	40 7/8	3065	46 7/8	3616	52 7/8	4132	58 7/8	4591	64 7/8	4962
5	145	11	475	17	906	23	1405	29	1946	35	2510	41	3076	47	3627	53	4143	59	4599	65	4968
5 1/8	150	11 1/8	483	17 1/8	916	23 1/8	1416	29 1/8	1958	35 1/8	2522	41 1/8	3088	47 1/8	3639	53 1/8	4153	59 1/8	4608	65 1/8	4975
5 1/4	156	11 1/4	491	17 1/4	926	23 1/4	1427	29 1/4	1969	35 1/4	2533	41 1/4	3100	47 1/4	3650	53 1/4	4163	59 1/4	4617	65 1/4	4981
5 3/8	162	11 3/8	499	17 3/8	936	23 3/8	1438	29 3/8	1981	35 3/8	2545	41 3/8	3112	47 3/8	3661	53 3/8	4173	59 3/8	4625	65 3/8	4987
5 1/2	167	11 1/2	508	17 1/2	946	23 1/2	1449	29 1/2	1993	35 1/2	2557	41 1/2	3123	47 1/2	3672	53 1/2	4183	59 1/2	4634	65 1/2	4994
5 5/8	173	11 5/8	516	17 5/8	956	23 5/8	1460	29 5/8	2004	35 5/8	2569	41 5/8	3135	47 5/8	3683	53 5/8	4193	59 5/8	4643	65 5/8	5000
5 3/4	179	11 3/4	524	17 3/4	966	23 3/4	1471	29 3/4	2016	35 3/4	2581	41 3/4	3147	47 3/4	3694	53 3/4	4203	59 3/4	4651	65 3/4	5006
5 7/8	185	11 7/8	533	17 7/8	975	23 7/8	1482	29 7/8	2027	35 7/8	2593	41 7/8	3158	47 7/8	3705	53 7/8	4213	59 7/8	4659	65 7/8	5012

** PRECISION IS ABOUT +/- 1%



CAPACITY CHART FOR NN06170197 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	5018	67	5064	68	5106	69	5142	70	5173	71	5196										
66 1/8	5024	67 1/8	5070	68 1/8	5110	69 1/8	5146	70 1/8	5176	71 1/8	5198										
66 1/4	5030	67 1/4	5075	68 1/4	5115	69 1/4	5150	70 1/4	5179	71 1/4	5200										
66 3/8	5036	67 3/8	5080	68 3/8	5120	69 3/8	5154	70 3/8	5182	71 3/8	5202										
66 1/2	5042	67 1/2	5085	68 1/2	5124	69 1/2	5158	70 1/2	5185	71 1/2	5204										
66 5/8	5047	67 5/8	5091	68 5/8	5129	69 5/8	5162	70 5/8	5188	71 5/8	5206										
66 3/4	5053	67 3/4	5096	68 3/4	5133	69 3/4	5165	70 3/4	5191	71 3/4	5207										
66 7/8	5059	67 7/8	5101	68 7/8	5138	69 7/8	5169	70 7/8	5193	71 7/8	5208										

** PRECISION IS ABOUT +/- 1%