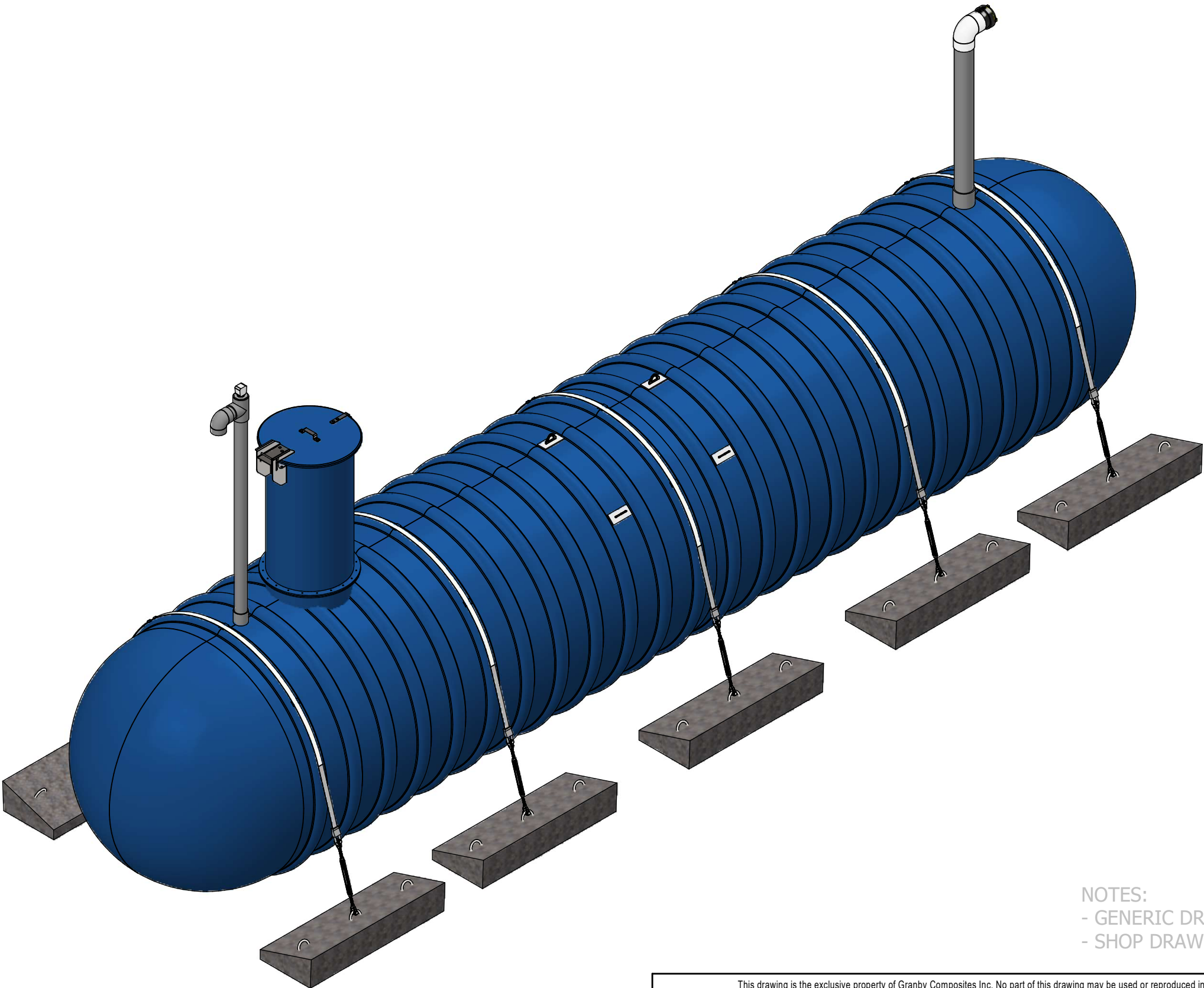


NN08230458FP

FIBERGLASS TANK
 TOTAL CAPACITY : 12760 US gal
 NET CAPACITY : 12436 US gal

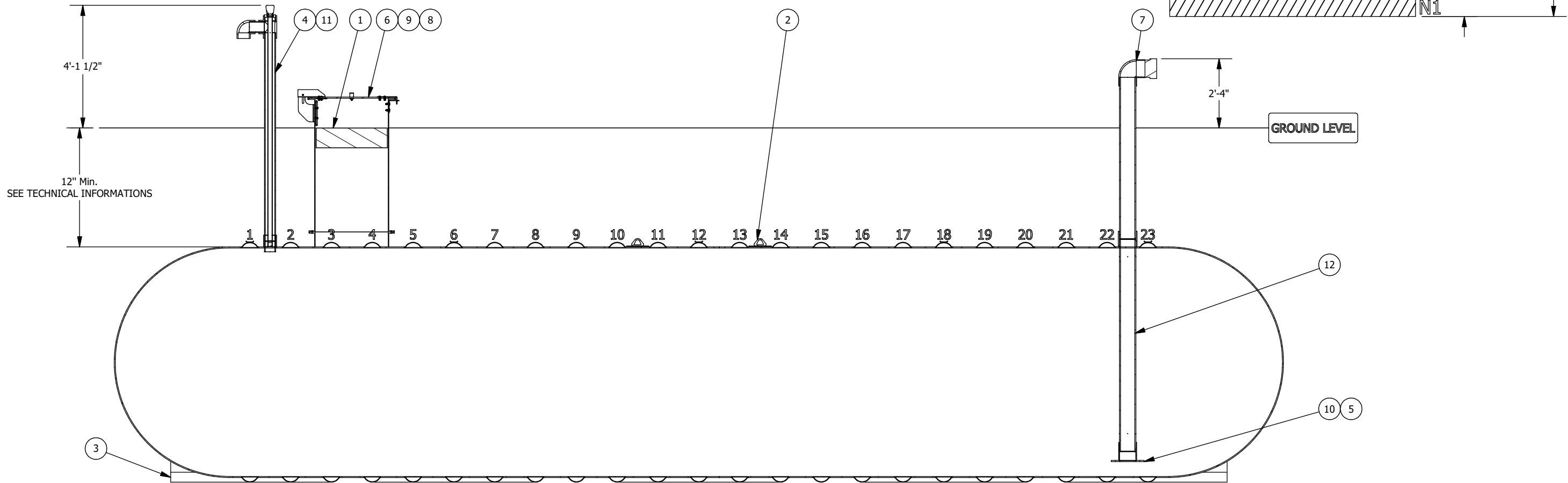


NOTES:
 - GENERIC DRAWING FOR REFERENCE ONLY
 - SHOP DRAWING AVAILABLE ON REQUEST

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TOLERANCES (LINEAR)		 GRANBY COMPOSITES		Revision description			
FEET DIM. -> ± 1% 0.0 -> ± 0.5"				Format B		Part no. NN08230458FP	REV 02.
0.00 -> ± 0.25" 0.000 -> ± 0.125"							
TOLERANCES (ANGULAR)		Drawn by O. Marin		15/01/2024		Title 8' Dia. TANK - 12760 US gal	
0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG.							
Weight : 4611 Lb		Approved by :					
Client		# Project		Sheet 1 / 4			

Item	Part Number	Qty	Description	Check List
1	ADF0000001	1	FOAM 28-3/4" DIA. x 8" / R-35	
2	ADPGILP001	4	LIFTING LUGS	
3	ENSCOUR8	5	ANCHORING KIT	
4	EV480J	1	4" SCH. 80 VENT KIT WITH GAUGE AND SST BIRD SCREEN	
5	FPU0600401	1	6" F X 6" F - SCH.40 - COUPLING GRAY	
6	GMHE30-COVER01	1	30" DIA. FRP. - LOCKABLE MAN HOLE COVER WITH HINGE	
7	KB-BNH0600090	1	6"NH 90° - FIRE HYDRANT KIT	
8	MH-30 (6"L.)	1	30" DIA. x 6" L. - MANHOLE	
9	MHE-30 (54"L.)	1	30" DIA. x 54" L. - MANHOLE EXTENSION	
10	PFV01313	1	0.5" x 13.25" x 13.25" - ANTI-VORTEX PLATE	
11	TP80400G01 (4.25"L.)	1	4" SCH.80 GREY PVC PIPE	
12	TP80600G01 (85.453"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

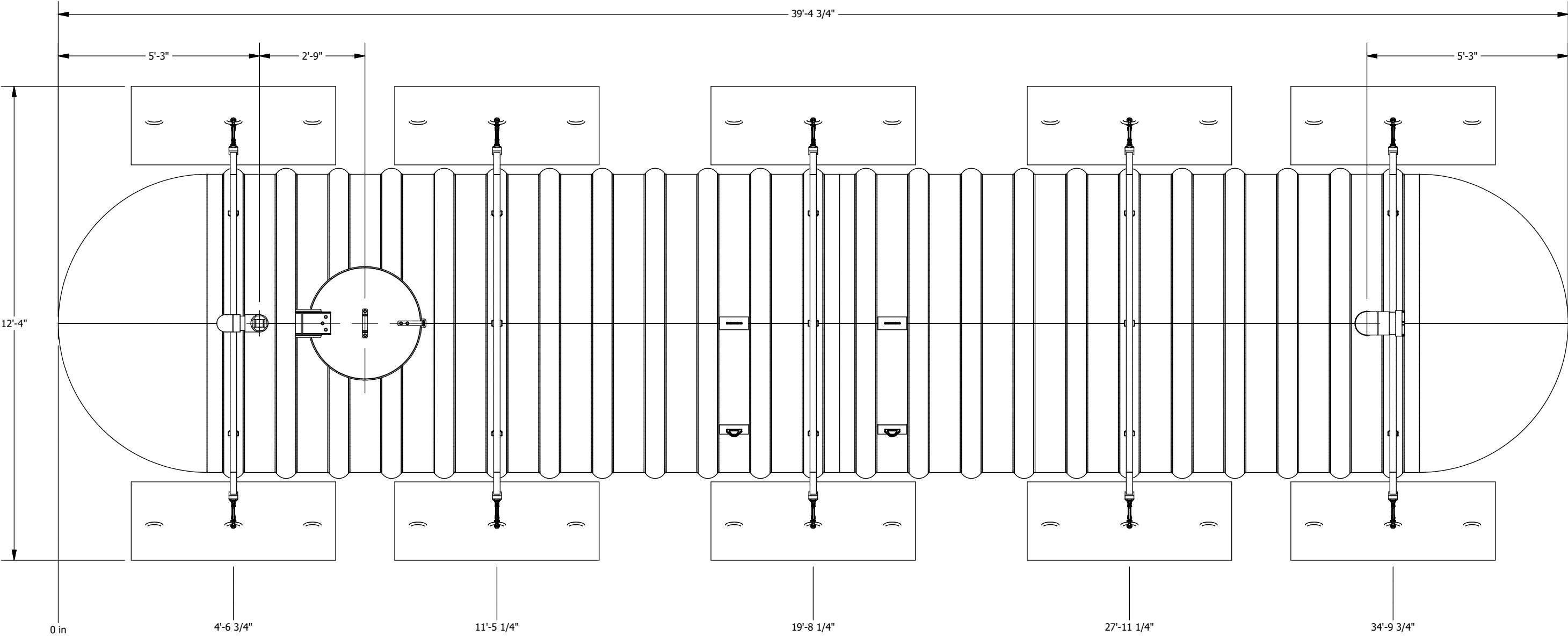
- Burrial depth: According to the geotechnical installation conditions
- Inside Diameter : 92.25
- (If required) Quantity of fiberglass anchoring straps : 5
- (If required) Quantity of reinforced concrete deadman anchors : 10
- Simultaneous lifting by 2 lugs. The angle of the (chains or belts, etc.) 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
- Airtightness test performed at the factory at 5psig

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

SECTION ELEVATION VIEW

NOTES:
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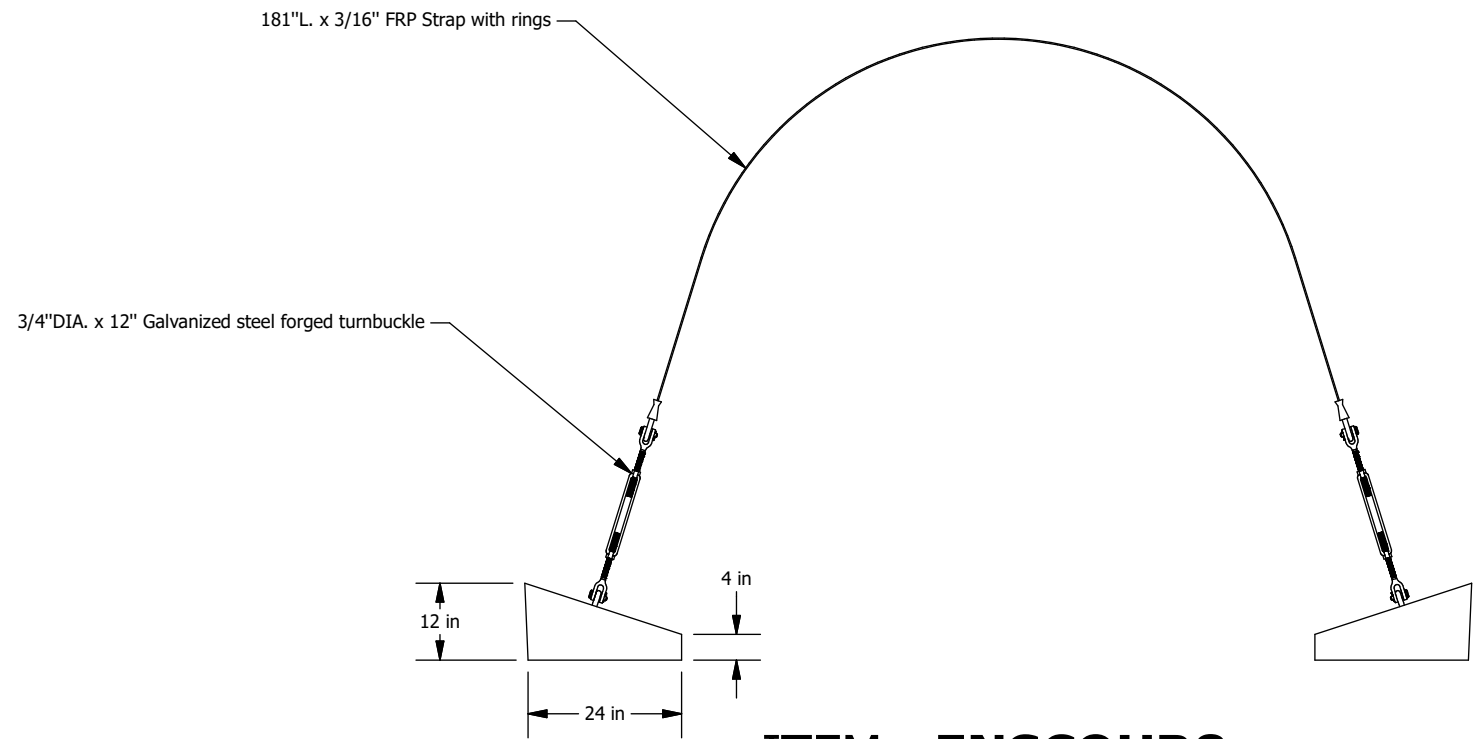
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TOLERANCES (LINEAR) FEET DIM. -> ± 1% 0.0 -> ± 0.5"		GRANBY COMPOSITES		Revision description
TOLERANCES (ANGULAR) 0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG.		Drawn by O. Marin	15/01/2024	Format B
Weight : 4611 Lb		Approved by :		Part no. NN08230458FP
Client		# Project	Sheet 2 / 4	REV 02.
Title 8' Dia. TANK - 12760 US gal				



PLAN VIEW

NOTES:
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- SHOP DRAWING AVAILABLE ON REQUEST

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TOLERANCES (LINEAR)			Revision description		
FEET DIM. -> ± 1%			Format B	Part no. NN08230458FP	REV 02.
0.0 -> ± 0.5"					
TOLERANCES (ANGULAR)		Drawn by O. Marin	15/01/2024		
0 -> ± 2 DEG.					
0.0 -> ± 0.5 DEG.		Approved by :	Title		
Weight :					
4611 Lb		8' Dia. TANK - 12760 US gal			
Client	# Project				Sheet 3 / 4



ITEM : ENSCOUR8



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)							Revision description				
FEET DIM. -> ± 1% 0.0 -> ± 0.5"											
TOLERANCES (ANGULAR)			Drawn by O. Marin				Format B		Part no. ENSCOUR8		REV A.
0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG.							04/10/2018		Title ANCHORING KIT		
Weight :			Approved by :								
Client			# Project				Sheet 4 / 4				



CAPACITY CHART FOR NN08230458 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	325	12	923	18	1686	24	2570	30	3540	36	4570	42	5637	48	6719	54	7794	60	8840
1/8	1	6 1/8	335	12 1/8	937	18 1/8	1704	24 1/8	2589	30 1/8	3561	36 1/8	4592	42 1/8	5660	48 1/8	6741	54 1/8	7816	60 1/8	8862
1/4	3	6 1/4	346	12 1/4	952	18 1/4	1721	24 1/4	2609	30 1/4	3582	36 1/4	4614	42 1/4	5682	48 1/4	6764	54 1/4	7838	60 1/4	8883
3/8	5	6 3/8	356	12 3/8	966	18 3/8	1738	24 3/8	2628	30 3/8	3603	36 3/8	4636	42 3/8	5705	48 3/8	6786	54 3/8	7860	60 3/8	8904
1/2	8	6 1/2	367	12 1/2	981	18 1/2	1756	24 1/2	2648	30 1/2	3624	36 1/2	4658	42 1/2	5727	48 1/2	6809	54 1/2	7882	60 1/2	8926
5/8	11	6 5/8	378	12 5/8	995	18 5/8	1773	24 5/8	2667	30 5/8	3645	36 5/8	4680	42 5/8	5749	48 5/8	6831	54 5/8	7905	60 5/8	8947
3/4	14	6 3/4	388	12 3/4	1010	18 3/4	1791	24 3/4	2687	30 3/4	3666	36 3/4	4702	42 3/4	5772	48 3/4	6854	54 3/4	7927	60 3/4	8968
7/8	18	6 7/8	399	12 7/8	1025	18 7/8	1809	24 7/8	2706	30 7/8	3687	36 7/8	4724	42 7/8	5794	48 7/8	6876	54 7/8	7949	60 7/8	8989
1	22	7	410	13	1040	19	1826	25	2726	31	3708	37	4746	43	5817	49	6899	55	7971	61	9011
1 1/8	26	7 1/8	421	13 1/8	1055	19 1/8	1844	25 1/8	2746	31 1/8	3729	37 1/8	4768	43 1/8	5839	49 1/8	6921	55 1/8	7993	61 1/8	9032
1 1/4	31	7 1/4	433	13 1/4	1070	19 1/4	1862	25 1/4	2766	31 1/4	3750	37 1/4	4790	43 1/4	5862	49 1/4	6944	55 1/4	8015	61 1/4	9053
1 3/8	35	7 3/8	444	13 3/8	1085	19 3/8	1880	25 3/8	2785	31 3/8	3772	37 3/8	4812	43 3/8	5884	49 3/8	6967	55 3/8	8037	61 3/8	9074
1 1/2	40	7 1/2	455	13 1/2	1100	19 1/2	1897	25 1/2	2805	31 1/2	3793	37 1/2	4834	43 1/2	5907	49 1/2	6989	55 1/2	8059	61 1/2	9095
1 5/8	45	7 5/8	467	13 5/8	1115	19 5/8	1915	25 5/8	2825	31 5/8	3814	37 5/8	4856	43 5/8	5930	49 5/8	7011	55 5/8	8081	61 5/8	9116
1 3/4	51	7 3/4	478	13 3/4	1131	19 3/4	1933	25 3/4	2845	31 3/4	3835	37 3/4	4879	43 3/4	5952	49 3/4	7034	55 3/4	8103	61 3/4	9137
1 7/8	56	7 7/8	490	13 7/8	1146	19 7/8	1951	25 7/8	2865	31 7/8	3857	37 7/8	4901	43 7/8	5975	49 7/8	7056	55 7/8	8125	61 7/8	9158
2	62	8	502	14	1161	20	1969	26	2885	32	3878	38	4923	44	5997	50	7079	56	8147	62	9179
2 1/8	68	8 1/8	514	14 1/8	1177	20 1/8	1987	26 1/8	2905	32 1/8	3899	38 1/8	4945	44 1/8	6020	50 1/8	7101	56 1/8	8169	62 1/8	9200
2 1/4	74	8 1/4	526	14 1/4	1193	20 1/4	2006	26 1/4	2925	32 1/4	3920	38 1/4	4967	44 1/4	6042	50 1/4	7124	56 1/4	8191	62 1/4	9221
2 3/8	80	8 3/8	538	14 3/8	1208	20 3/8	2024	26 3/8	2945	32 3/8	3942	38 3/8	4989	44 3/8	6065	50 3/8	7146	56 3/8	8213	62 3/8	9242
2 1/2	87	8 1/2	550	14 1/2	1224	20 1/2	2042	26 1/2	2965	32 1/2	3963	38 1/2	5012	44 1/2	6087	50 1/2	7169	56 1/2	8235	62 1/2	9263
2 5/8	93	8 5/8	562	14 5/8	1240	20 5/8	2060	26 5/8	2985	32 5/8	3985	38 5/8	5034	44 5/8	6110	50 5/8	7191	56 5/8	8256	62 5/8	9284
2 3/4	100	8 3/4	574	14 3/4	1255	20 3/4	2079	26 3/4	3005	32 3/4	4006	38 3/4	5056	44 3/4	6132	50 3/4	7214	56 3/4	8278	62 3/4	9305
2 7/8	107	8 7/8	587	14 7/8	1271	20 7/8	2097	26 7/8	3025	32 7/8	4028	38 7/8	5078	44 7/8	6155	50 7/8	7236	56 7/8	8300	62 7/8	9325
3	114	9	599	15	1287	21	2115	27	3046	33	4049	39	5100	45	6177	51	7258	57	8322	63	9346
3 1/8	122	9 1/8	612	15 1/8	1303	21 1/8	2134	27 1/8	3066	33 1/8	4071	39 1/8	5123	45 1/8	6200	51 1/8	7281	57 1/8	8344	63 1/8	9367
3 1/4	129	9 1/4	624	15 1/4	1319	21 1/4	2152	27 1/4	3086	33 1/4	4092	39 1/4	5145	45 1/4	6223	51 1/4	7303	57 1/4	8366	63 1/4	9388
3 3/8	136	9 3/8	637	15 3/8	1335	21 3/8	2171	27 3/8	3107	33 3/8	4114	39 3/8	5167	45 3/8	6245	51 3/8	7326	57 3/8	8387	63 3/8	9408
3 1/2	144	9 1/2	650	15 1/2	1351	21 1/2	2189	27 1/2	3127	33 1/2	4135	39 1/2	5190	45 1/2	6268	51 1/2	7348	57 1/2	8409	63 1/2	9429
3 5/8	152	9 5/8	663	15 5/8	1368	21 5/8	2208	27 5/8	3147	33 5/8	4157	39 5/8	5212	45 5/8	6290	51 5/8	7370	57 5/8	8431	63 5/8	9450
3 3/4	160	9 3/4	676	15 3/4	1384	21 3/4	2227	27 3/4	3168	33 3/4	4178	39 3/4	5234	45 3/4	6313	51 3/4	7393	57 3/4	8453	63 3/4	9470
3 7/8	168	9 7/8	689	15 7/8	1400	21 7/8	2245	27 7/8	3188	33 7/8	4200	39 7/8	5256	45 7/8	6335	51 7/8	7415	57 7/8	8474	63 7/8	9491
4	176	10	702	16	1417	22	2264	28	3209	34	4222	40	5279	46	6358	52	7438	58	8496	64	9511
4 1/8	185	10 1/8	715	16 1/8	1433	22 1/8	2283	28 1/8	3229	34 1/8	4243	40 1/8	5301	46 1/8	6380	52 1/8	7460	58 1/8	8518	64 1/8	9532
4 1/4	193	10 1/4	728	16 1/4	1450	22 1/4	2302	28 1/4	3250	34 1/4	4265	40 1/4	5323	46 1/4	6403	52 1/4	7482	58 1/4	8539	64 1/4	9552
4 3/8	202	10 3/8	742	16 3/8	1466	22 3/8	2321	28 3/8	3270	34 3/8	4287	40 3/8	5346	46 3/8	6426	52 3/8	7505	58 3/8	8561	64 3/8	9573
4 1/2	211	10 1/2	755	16 1/2	1483	22 1/2	2340	28 1/2	3291	34 1/2	4308	40 1/2	5368	46 1/2	6448	52 1/2	7527	58 1/2	8583	64 1/2	9593
4 5/8	220	10 5/8	769	16 5/8	1499	22 5/8	2359	28 5/8	3311	34 5/8	4330	40 5/8	5391	46 5/8	6471	52 5/8	7549	58 5/8	8604	64 5/8	9614
4 3/4	229	10 3/4	782	16 3/4	1516	22 3/4	2378	28 3/4	3332	34 3/4	4352	40 3/4	5413	46 3/4	6493	52 3/4	7571	58 3/4	8626	64 3/4	9634
4 7/8	238	10 7/8	796	16 7/8	1533	22 7/8	2397	28 7/8	3353	34 7/8	4374	40 7/8	5435	46 7/8	6516	52 7/8	7594	58 7/8	8647	64 7/8	9654
5	247	11	810	17	1550	23	2416	29	3373	35	4395	41	5458	47	6538	53	7616	59	8669	65	9675
5 1/8	256	11 1/8	824	17 1/8	1567	23 1/8	2435	29 1/8	3394	35 1/8	4417	41 1/8	5480	47 1/8	6561	53 1/8	7638	59 1/8	8690	65 1/8	9695
5 1/4	266	11 1/4	838	17 1/4	1584	23 1/4	2454	29 1/4	3415	35 1/4	4439	41 1/4	5503	47 1/4	6584	53 1/4	7661	59 1/4	8712	65 1/4	9715
5 3/8	275	11 3/8	852	17 3/8	1601	23 3/8	2473	29 3/8	3436	35 3/8	4461	41 3/8	5525	47 3/8	6606	53 3/8	7683	59 3/8	8733	65 3/8	9735
5 1/2	285	11 1/2	866	17 1/2	1618	23 1/2	2492	29 1/2	3456	35 1/2	4483	41 1/2	5547	47 1/2	6629	53 1/2	7705	59 1/2	8755	65 1/2	9756
5 5/8	295	11 5/8	880	17 5/8	1635	23 5/8	2512	29 5/8	3477	35 5/8	4504	41 5/8	5570	47 5/8	6651	53 5/8	7727	59 5/8	8776	65 5/8	9776
5 3/4	305	11 3/4	894	17 3/4	1652	23 3/4	2531	29 3/4	3498	35 3/4	4526	41 3/4	5592	47 3/4	6674	53 3/4	7749	59 3/4	8798	65 3/4	9796
5 7/8	315	11 7/8	908	17 7/8	1669	23 7/8	2550	29 7/8	3519	35 7/8	4548	41 7/8	5615	47 7/8	6696	53 7/8	7772	59 7/8	8819	65 7/8	9816

** PRECISION IS ABOUT +/- 1%



CAPACITY CHART FOR NN08230458 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	9836	69	10307	72	10755	75	11177	78	11568	81	11923	84	12235	87	12495	90	12687				
66 1/8	9856	69 1/8	10326	72 1/8	10774	75 1/8	11194	78 1/8	11584	81 1/8	11937	84 1/8	12247	87 1/8	12505	90 1/8	12693				
66 1/4	9876	69 1/4	10345	72 1/4	10792	75 1/4	11211	78 1/4	11599	81 1/4	11951	84 1/4	12259	87 1/4	12514	90 1/4	12699				
66 3/8	9896	69 3/8	10364	72 3/8	10810	75 3/8	11228	78 3/8	11615	81 3/8	11965	84 3/8	12271	87 3/8	12523	90 3/8	12705				
66 1/2	9916	69 1/2	10383	72 1/2	10828	75 1/2	11245	78 1/2	11630	81 1/2	11979	84 1/2	12283	87 1/2	12532	90 1/2	12710				
66 5/8	9936	69 5/8	10402	72 5/8	10846	75 5/8	11262	78 5/8	11646	81 5/8	11992	84 5/8	12294	87 5/8	12541	90 5/8	12715				
66 3/4	9956	69 3/4	10421	72 3/4	10864	75 3/4	11278	78 3/4	11661	81 3/4	12006	84 3/4	12306	87 3/4	12550	90 3/4	12721				
66 7/8	9976	69 7/8	10440	72 7/8	10881	75 7/8	11295	78 7/8	11676	81 7/8	12019	84 7/8	12317	87 7/8	12559	90 7/8	12726				
67	9995	70	10459	73	10899	76	11311	79	11691	82	12033	85	12328	88	12568	91	12730				
67 1/8	10015	70 1/8	10478	73 1/8	10917	76 1/8	11328	79 1/8	11706	82 1/8	12046	85 1/8	12340	88 1/8	12576	91 1/8	12735				
67 1/4	10035	70 1/4	10497	73 1/4	10935	76 1/4	11344	79 1/4	11721	82 1/4	12059	85 1/4	12351	88 1/4	12585	91 1/4	12739				
67 3/8	10054	70 3/8	10516	73 3/8	10952	76 3/8	11361	79 3/8	11736	82 3/8	12072	85 3/8	12362	88 3/8	12593	91 3/8	12743				
67 1/2	10074	70 1/2	10534	73 1/2	10970	76 1/2	11377	79 1/2	11751	82 1/2	12085	85 1/2	12373	88 1/2	12601	91 1/2	12746				
67 5/8	10094	70 5/8	10553	73 5/8	10987	76 5/8	11393	79 5/8	11766	82 5/8	12098	85 5/8	12383	88 5/8	12609	91 5/8	12750				
67 3/4	10113	70 3/4	10572	73 3/4	11005	76 3/4	11410	79 3/4	11780	82 3/4	12111	85 3/4	12394	88 3/4	12617	91 3/4	12753				
67 7/8	10133	70 7/8	10590	73 7/8	11022	76 7/8	11426	79 7/8	11795	82 7/8	12124	85 7/8	12405	88 7/8	12624	91 7/8	12756				
68	10152	71	10609	74	11040	77	11442	80	11809	83	12137	86	12415	89	12632	92	12758				
68 1/8	10172	71 1/8	10627	74 1/8	11057	77 1/8	11458	80 1/8	11824	83 1/8	12149	86 1/8	12425	89 1/8	12639	92 1/8	12760				
68 1/4	10191	71 1/4	10646	74 1/4	11075	77 1/4	11474	80 1/4	11838	83 1/4	12162	86 1/4	12436	89 1/4	12647	92 1/4	12760				
68 3/8	10211	71 3/8	10664	74 3/8	11092	77 3/8	11490	80 3/8	11853	83 3/8	12174	86 3/8	12446	89 3/8	12654	92 3/8	12760				
68 1/2	10230	71 1/2	10682	74 1/2	11109	77 1/2	11506	80 1/2	11867	83 1/2	12187	86 1/2	12456	89 1/2	12661						
68 5/8	10249	71 5/8	10701	74 5/8	11126	77 5/8	11521	80 5/8	11881	83 5/8	12199	86 5/8	12466	89 5/8	12668						
68 3/4	10269	71 3/4	10719	74 3/4	11143	77 3/4	11537	80 3/4	11895	83 3/4	12211	86 3/4	12476	89 3/4	12674						
68 7/8	10288	71 7/8	10737	74 7/8	11160	77 7/8	11553	80 7/8	11909	83 7/8	12223	86 7/8	12485	89 7/8	12681						

** PRECISION IS ABOUT +/- 1%