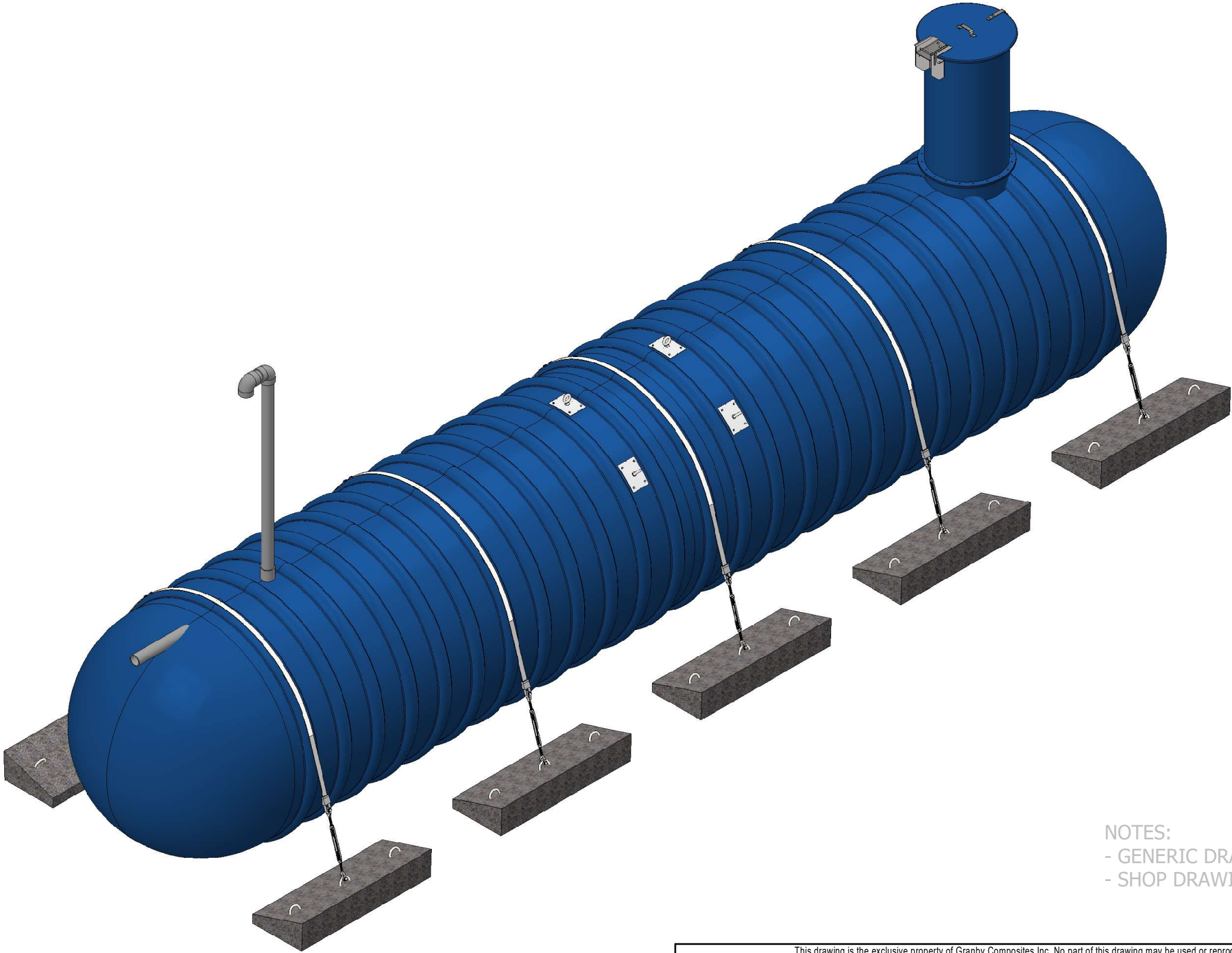


NN08250500EP

FIBERGLASS TANK



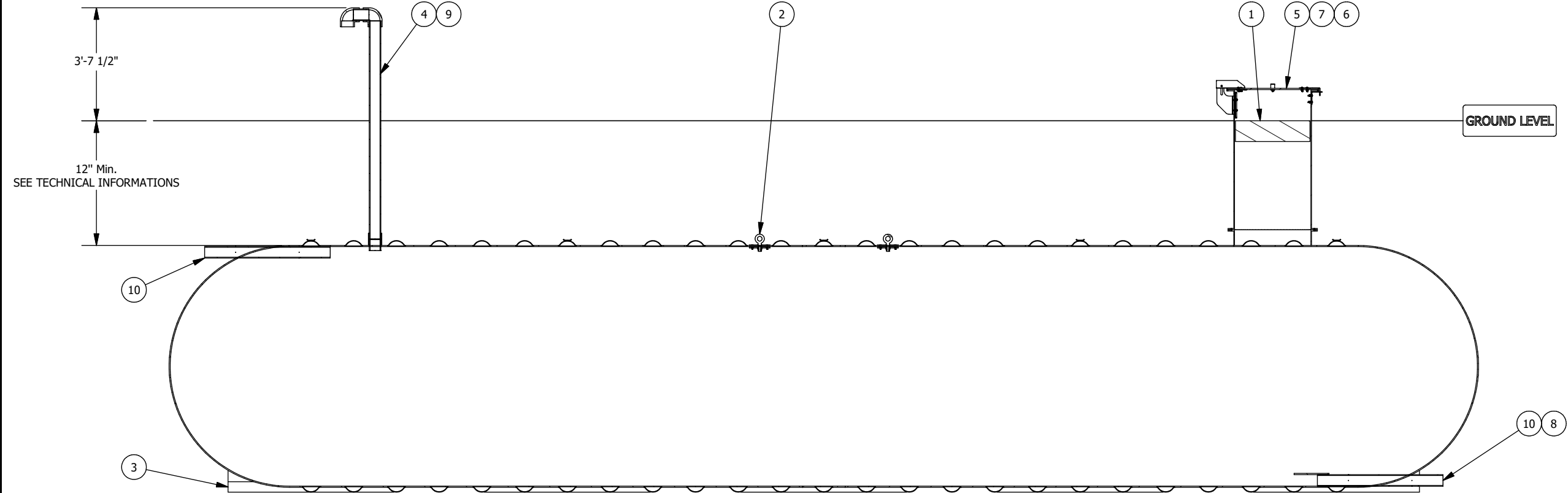
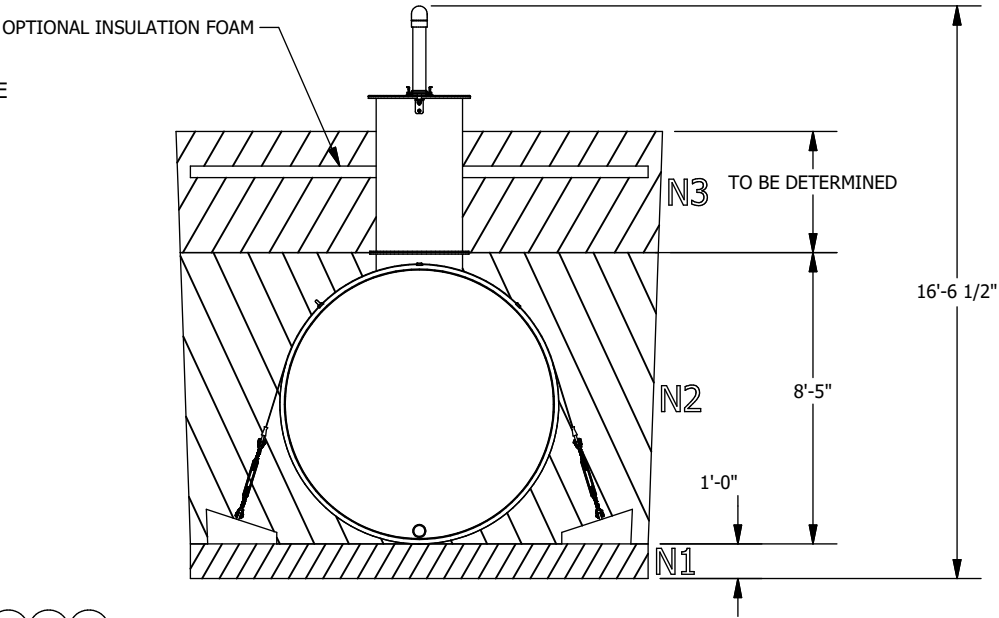
NOTES:
 - GENERIC DRAWING FOR REFERENCE ONLY
 - SHOP DRAWING AVAILABLE ON REQUEST

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TOLERANCES (LINEAR) FEET DIM. -> ± 1% 0.0 -> ± 0.5"		 GRANBY COMPOSITES	Revision description		
0.00 -> ± 0.25" 0.000 -> ± 0.125"			Format B	Part no. NN08250500EP	REV 02.
TOLERANCES (ANGULAR) 0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG.		Drawn by O. Marin	19/12/2023		
Weight : 4841 Lb		Approved by :	Title		
Client		# Project	8' Dia. TANK - 13715 US gal		
			Sheet 1 / 4		

Item	Part Number	Qty	Description	Check List
1	ADF0000001	1	FOAM 28-3/4" DIA. x 8" / R-35	
2	ADP0000001	4	LIFTING LUG	
3	ENSCOUR8	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 (40"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



SECTION ELEVATION VIEW

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
- Manufactured according to NSF-61 requirements for drinking water
- Airtightness test performed at the factory at 35 kPa

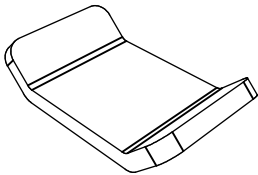
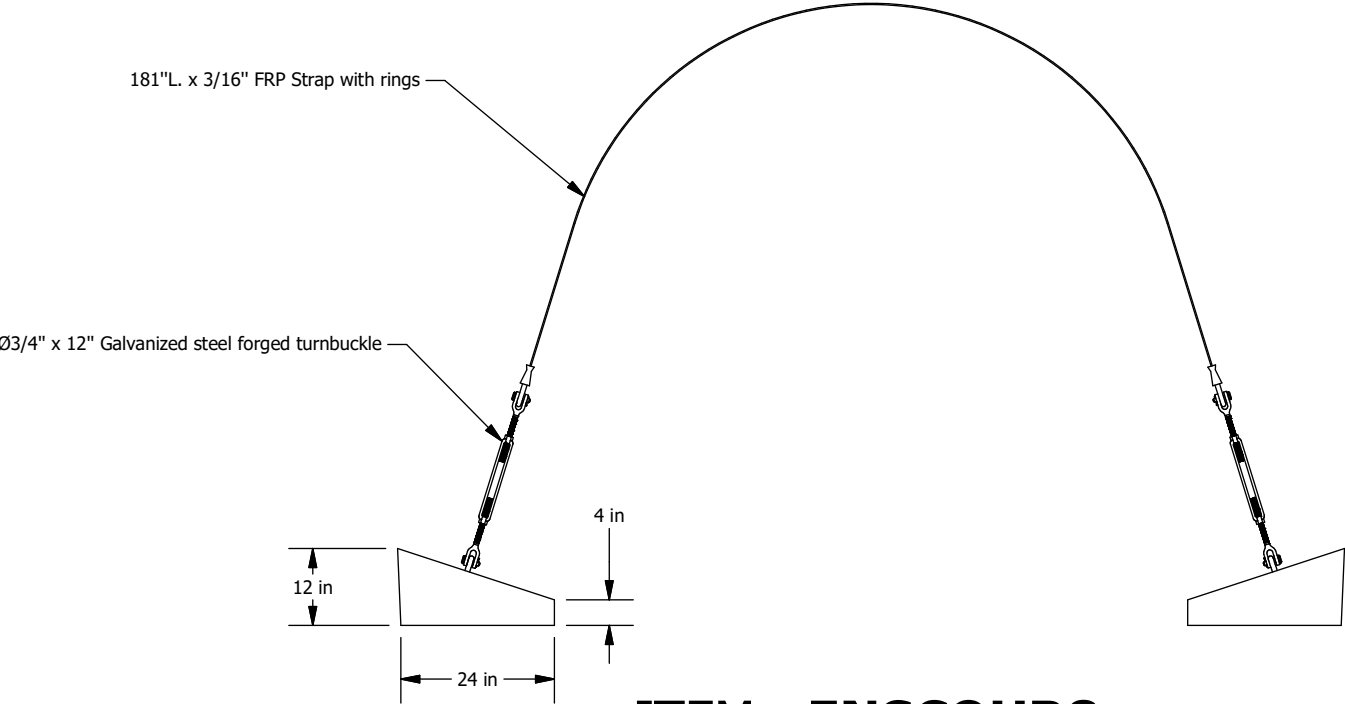
The tank must be installed in accordance with the manufacturer's instructions.

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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. NN08250500EP	REV 02.
TOLERANCES (ANGULAR) 0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG. 0.00 -> ± 0.1 DEG.			Drawn by O. Marin		19/12/2023
Weight : 4841 Lb			Approved by :		
Client		# Project		Sheet 2 / 4	Title 8' Dia. TANK - 13715 US gal



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TOLERANCES (LINEAR) FEET DIM. -> $\pm 1\%$ 0.00 -> $\pm 0.25"$ 0.0 -> $\pm 0.5"$ 0.000 -> $\pm 0.125"$		 GRANBY COMPOSITES		Revision description		
TOLERANCES (ANGULAR) 0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG. 0.00 -> ± 0.1 DEG.				Drawn by O. Marin	19/12/2023	Format B
Weight : 4841 Lb		Approved by :		Title 8' Dia. TANK - 13715 US gal		
Client		# Projct		Sheet 3 / 4		



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"								Format B Part no. ENSCOUR8 REV A.				
TOLERANCES (ANGULAR)				Drawn by O. Marin 04/10/2018				Title ANCHORING KIT				
0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG.				0.00 -> ± 0.125" 0.00 -> ± 0.1 DEG.								
Weight :				Approved by :								
Client			# Projet				Sheet 4 / 4					



CAPACITY CHART FOR NN08250500 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	352	12	996	18	1818	24	2767	30	3809	36	4915	42	6060	48	7221	54	8374	60	9498
1/8	2	6 1/8	363	12 1/8	1011	18 1/8	1836	24 1/8	2788	30 1/8	3832	36 1/8	4939	42 1/8	6084	48 1/8	7245	54 1/8	8398	60 1/8	9521
1/4	3	6 1/4	374	12 1/4	1027	18 1/4	1855	24 1/4	2809	30 1/4	3854	36 1/4	4962	42 1/4	6108	48 1/4	7269	54 1/4	8422	60 1/4	9544
3/8	6	6 3/8	385	12 3/8	1042	18 3/8	1874	24 3/8	2830	30 3/8	3877	36 3/8	4986	42 3/8	6133	48 3/8	7293	54 3/8	8446	60 3/8	9567
1/2	9	6 1/2	397	12 1/2	1058	18 1/2	1892	24 1/2	2851	30 1/2	3899	36 1/2	5009	42 1/2	6157	48 1/2	7318	54 1/2	8470	60 1/2	9589
5/8	12	6 5/8	408	12 5/8	1074	18 5/8	1911	24 5/8	2872	30 5/8	3922	36 5/8	5033	42 5/8	6181	48 5/8	7342	54 5/8	8493	60 5/8	9612
3/4	16	6 3/4	420	12 3/4	1090	18 3/4	1930	24 3/4	2893	30 3/4	3944	36 3/4	5057	42 3/4	6205	48 3/4	7366	54 3/4	8517	60 3/4	9635
7/8	20	6 7/8	432	12 7/8	1106	18 7/8	1949	24 7/8	2914	30 7/8	3967	36 7/8	5080	42 7/8	6229	48 7/8	7390	54 7/8	8541	60 7/8	9658
1	24	7	443	13	1122	19	1968	25	2935	31	3990	37	5104	43	6253	49	7414	55	8564	61	9681
1 1/8	28	7 1/8	455	13 1/8	1138	19 1/8	1987	25 1/8	2956	31 1/8	4012	37 1/8	5128	43 1/8	6277	49 1/8	7438	55 1/8	8588	61 1/8	9703
1 1/4	33	7 1/4	467	13 1/4	1154	19 1/4	2006	25 1/4	2978	31 1/4	4035	37 1/4	5151	43 1/4	6302	49 1/4	7463	55 1/4	8612	61 1/4	9726
1 3/8	38	7 3/8	480	13 3/8	1170	19 3/8	2025	25 3/8	2999	31 3/8	4058	37 3/8	5175	43 3/8	6326	49 3/8	7487	55 3/8	8635	61 3/8	9749
1 1/2	44	7 1/2	492	13 1/2	1187	19 1/2	2045	25 1/2	3020	31 1/2	4081	37 1/2	5199	43 1/2	6350	49 1/2	7511	55 1/2	8659	61 1/2	9771
1 5/8	49	7 5/8	504	13 5/8	1203	19 5/8	2064	25 5/8	3042	31 5/8	4103	37 5/8	5222	43 5/8	6374	49 5/8	7535	55 5/8	8683	61 5/8	9794
1 3/4	55	7 3/4	517	13 3/4	1220	19 3/4	2083	25 3/4	3063	31 3/4	4126	37 3/4	5246	43 3/4	6398	49 3/4	7559	55 3/4	8706	61 3/4	9817
1 7/8	61	7 7/8	529	13 7/8	1236	19 7/8	2102	25 7/8	3084	31 7/8	4149	37 7/8	5270	43 7/8	6422	49 7/8	7583	55 7/8	8730	61 7/8	9839
2	67	8	542	14	1253	20	2122	26	3106	32	4172	38	5294	44	6447	50	7607	56	8753	62	9862
2 1/8	74	8 1/8	555	14 1/8	1269	20 1/8	2141	26 1/8	3127	32 1/8	4195	38 1/8	5318	44 1/8	6471	50 1/8	7631	56 1/8	8777	62 1/8	9884
2 1/4	80	8 1/4	568	14 1/4	1286	20 1/4	2161	26 1/4	3149	32 1/4	4218	38 1/4	5341	44 1/4	6495	50 1/4	7656	56 1/4	8801	62 1/4	9907
2 3/8	87	8 3/8	581	14 3/8	1303	20 3/8	2180	26 3/8	3170	32 3/8	4241	38 3/8	5365	44 3/8	6519	50 3/8	7680	56 3/8	8824	62 3/8	9929
2 1/2	94	8 1/2	594	14 1/2	1320	20 1/2	2200	26 1/2	3192	32 1/2	4264	38 1/2	5389	44 1/2	6543	50 1/2	7704	56 1/2	8848	62 1/2	9951
2 5/8	101	8 5/8	607	14 5/8	1337	20 5/8	2220	26 5/8	3213	32 5/8	4287	38 5/8	5413	44 5/8	6567	50 5/8	7728	56 5/8	8871	62 5/8	9974
2 3/4	108	8 3/4	620	14 3/4	1354	20 3/4	2239	26 3/4	3235	32 3/4	4310	38 3/4	5437	44 3/4	6592	50 3/4	7752	56 3/4	8895	62 3/4	9996
2 7/8	116	8 7/8	634	14 7/8	1371	20 7/8	2259	26 7/8	3257	32 7/8	4333	38 7/8	5460	44 7/8	6616	50 7/8	7776	56 7/8	8918	62 7/8	10019
3	124	9	647	15	1388	21	2279	27	3278	33	4356	39	5484	45	6640	51	7800	57	8941	63	10041
3 1/8	132	9 1/8	661	15 1/8	1405	21 1/8	2299	27 1/8	3300	33 1/8	4379	39 1/8	5508	45 1/8	6664	51 1/8	7824	57 1/8	8965	63 1/8	10063
3 1/4	140	9 1/4	674	15 1/4	1423	21 1/4	2319	27 1/4	3322	33 1/4	4402	39 1/4	5532	45 1/4	6688	51 1/4	7848	57 1/4	8988	63 1/4	10085
3 3/8	148	9 3/8	688	15 3/8	1440	21 3/8	2338	27 3/8	3344	33 3/8	4425	39 3/8	5556	45 3/8	6713	51 3/8	7872	57 3/8	9012	63 3/8	10108
3 1/2	156	9 1/2	702	15 1/2	1457	21 1/2	2358	27 1/2	3366	33 1/2	4448	39 1/2	5580	45 1/2	6737	51 1/2	7896	57 1/2	9035	63 1/2	10130
3 5/8	164	9 5/8	716	15 5/8	1475	21 5/8	2378	27 5/8	3388	33 5/8	4471	39 5/8	5604	45 5/8	6761	51 5/8	7920	57 5/8	9058	63 5/8	10152
3 3/4	173	9 3/4	730	15 3/4	1492	21 3/4	2399	27 3/4	3409	33 3/4	4495	39 3/4	5628	45 3/4	6785	51 3/4	7944	57 3/4	9082	63 3/4	10174
3 7/8	182	9 7/8	744	15 7/8	1510	21 7/8	2419	27 7/8	3431	33 7/8	4518	39 7/8	5652	45 7/8	6809	51 7/8	7968	57 7/8	9105	63 7/8	10196
4	191	10	758	16	1527	22	2439	28	3453	34	4541	40	5676	46	6834	52	7992	58	9128	64	10218
4 1/8	200	10 1/8	772	16 1/8	1545	22 1/8	2459	28 1/8	3475	34 1/8	4564	40 1/8	5700	46 1/8	6858	52 1/8	8016	58 1/8	9152	64 1/8	10240
4 1/4	209	10 1/4	786	16 1/4	1563	22 1/4	2479	28 1/4	3497	34 1/4	4588	40 1/4	5724	46 1/4	6882	52 1/4	8040	58 1/4	9175	64 1/4	10262
4 3/8	218	10 3/8	801	16 3/8	1581	22 3/8	2500	28 3/8	3520	34 3/8	4611	40 3/8	5748	46 3/8	6906	52 3/8	8064	58 3/8	9198	64 3/8	10284
4 1/2	228	10 1/2	815	16 1/2	1599	22 1/2	2520	28 1/2	3542	34 1/2	4634	40 1/2	5772	46 1/2	6931	52 1/2	8088	58 1/2	9221	64 1/2	10306
4 5/8	237	10 5/8	830	16 5/8	1616	22 5/8	2540	28 5/8	3564	34 5/8	4657	40 5/8	5796	46 5/8	6955	52 5/8	8112	58 5/8	9244	64 5/8	10328
4 3/4	247	10 3/4	845	16 3/4	1634	22 3/4	2561	28 3/4	3586	34 3/4	4681	40 3/4	5820	46 3/4	6979	52 3/4	8136	58 3/4	9268	64 3/4	10350
4 7/8	257	10 7/8	859	16 7/8	1653	22 7/8	2581	28 7/8	3608	34 7/8	4704	40 7/8	5844	46 7/8	7003	52 7/8	8160	58 7/8	9291	64 7/8	10372
5	267	11	874	17	1671	23	2602	29	3630	35	4728	41	5868	47	7027	53	8184	59	9314	65	10394
5 1/8	277	11 1/8	889	17 1/8	1689	23 1/8	2622	29 1/8	3653	35 1/8	4751	41 1/8	5892	47 1/8	7052	53 1/8	8208	59 1/8	9337	65 1/8	10416
5 1/4	287	11 1/4	904	17 1/4	1707	23 1/4	2643	29 1/4	3675	35 1/4	4774	41 1/4	5916	47 1/4	7100	53 1/4	8231	59 1/4	9360	65 1/4	10437
5 3/8	298	11 3/8	919	17 3/8	1725	23 3/8	2663	29 3/8	3697	35 3/8	4798	41 3/8	5940	47 3/8	7100	53 3/8	8255	59 3/8	9383	65 3/8	10459
5 1/2	308	11 1/2	934	17 1/2	1744	23 1/2	2684	29 1/2	3720	35 1/2	4821	41 1/2	5964	47 1/2	7124	53 1/2	8279	59 1/2	9406	65 1/2	10481
5 5/8	319	11 5/8	949	17 5/8	1762	23 5/8	2705	29 5/8	3742	35 5/8	4845	41 5/8	5988	47 5/8	7148	53 5/8	8303	59 5/8	9429	65 5/8	10502
5 3/4	330	11 3/4	965	17 3/4	1781	23 3/4	2726	29 3/4	3764	35 3/4	4868	41 3/4	6012	47 3/4	7173	53 3/4	8327	59 3/4	9452	65 3/4	10524
5 7/8	341	11 7/8	980	17 7/8	1799	23 7/8	2746	29 7/8	3787	35 7/8	4892	41 7/8	6036	47 7/8	7197	53 7/8	8351	59 7/8	9475	65 7/8	10546

** PRECISION IS ABOUT +/- 1%



CAPACITY CHART FOR NN08250500 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	10567	69	11073	72	11555	75	12009	78	12430	81	12812	84	13148	87	13428	90	13636				
66 1/8	10589	69 1/8	11094	72 1/8	11574	75 1/8	12027	78 1/8	12446	81 1/8	12827	84 1/8	13161	87 1/8	13439	90 1/8	13642				
66 1/4	10610	69 1/4	11114	72 1/4	11594	75 1/4	12045	78 1/4	12463	81 1/4	12842	84 1/4	13174	87 1/4	13449	90 1/4	13649				
66 3/8	10631	69 3/8	11135	72 3/8	11613	75 3/8	12063	78 3/8	12480	81 3/8	12856	84 3/8	13186	87 3/8	13459	90 3/8	13655				
66 1/2	10653	69 1/2	11155	72 1/2	11633	75 1/2	12081	78 1/2	12496	81 1/2	12871	84 1/2	13199	87 1/2	13469	90 1/2	13661				
66 5/8	10674	69 5/8	11176	72 5/8	11652	75 5/8	12099	78 5/8	12513	81 5/8	12886	84 5/8	13211	87 5/8	13478	90 5/8	13667				
66 3/4	10696	69 3/4	11196	72 3/4	11671	75 3/4	12117	78 3/4	12529	81 3/4	12900	84 3/4	13224	87 3/4	13488	90 3/4	13672				
66 7/8	10717	69 7/8	11216	72 7/8	11690	75 7/8	12135	78 7/8	12545	81 7/8	12915	84 7/8	13236	87 7/8	13497	90 7/8	13677				
67	10738	70	11237	73	11710	76	12153	79	12562	82	12929	85	13248	88	13507	91	13682				
67 1/8	10759	70 1/8	11257	73 1/8	11729	76 1/8	12171	79 1/8	12578	82 1/8	12944	85 1/8	13260	88 1/8	13516	91 1/8	13687				
67 1/4	10781	70 1/4	11277	73 1/4	11748	76 1/4	12188	79 1/4	12594	82 1/4	12958	85 1/4	13272	88 1/4	13525	91 1/4	13692				
67 3/8	10802	70 3/8	11297	73 3/8	11767	76 3/8	12206	79 3/8	12610	82 3/8	12972	85 3/8	13284	88 3/8	13534	91 3/8	13696				
67 1/2	10823	70 1/2	11317	73 1/2	11786	76 1/2	12224	79 1/2	12626	82 1/2	12986	85 1/2	13296	88 1/2	13543	91 1/2	13700				
67 5/8	10844	70 5/8	11337	73 5/8	11805	76 5/8	12241	79 5/8	12642	82 5/8	13000	85 5/8	13308	88 5/8	13551	91 5/8	13704				
67 3/4	10865	70 3/4	11357	73 3/4	11823	76 3/4	12259	79 3/4	12658	82 3/4	13014	85 3/4	13319	88 3/4	13560	91 3/4	13707				
67 7/8	10886	70 7/8	11377	73 7/8	11842	76 7/8	12276	79 7/8	12673	82 7/8	13028	85 7/8	13331	88 7/8	13568	91 7/8	13710				
68	10907	71	11397	74	11861	77	12293	80	12689	83	13042	86	13342	89	13576	92	13712				
68 1/8	10928	71 1/8	11417	74 1/8	11880	77 1/8	12311	80 1/8	12705	83 1/8	13055	86 1/8	13353	89 1/8	13584	92 1/8	13714				
68 1/4	10949	71 1/4	11437	74 1/4	11898	77 1/4	12328	80 1/4	12720	83 1/4	13069	86 1/4	13364	89 1/4	13592	92 1/4	13715				
68 3/8	10969	71 3/8	11457	74 3/8	11917	77 3/8	12345	80 3/8	12736	83 3/8	13082	86 3/8	13375	89 3/8	13600	92 3/8	13715				
68 1/2	10990	71 1/2	11476	74 1/2	11935	77 1/2	12362	80 1/2	12751	83 1/2	13096	86 1/2	13386	89 1/2	13607						
68 5/8	11011	71 5/8	11496	74 5/8	11954	77 5/8	12379	80 5/8	12766	83 5/8	13109	86 5/8	13397	89 5/8	13615						
68 3/4	11032	71 3/4	11516	74 3/4	11972	77 3/4	12396	80 3/4	12782	83 3/4	13122	86 3/4	13407	89 3/4	13622						
68 7/8	11052	71 7/8	11535	74 7/8	11990	77 7/8	12413	80 7/8	12797	83 7/8	13135	86 7/8	13418	89 7/8	13629						

** PRECISION IS ABOUT +/- 1%