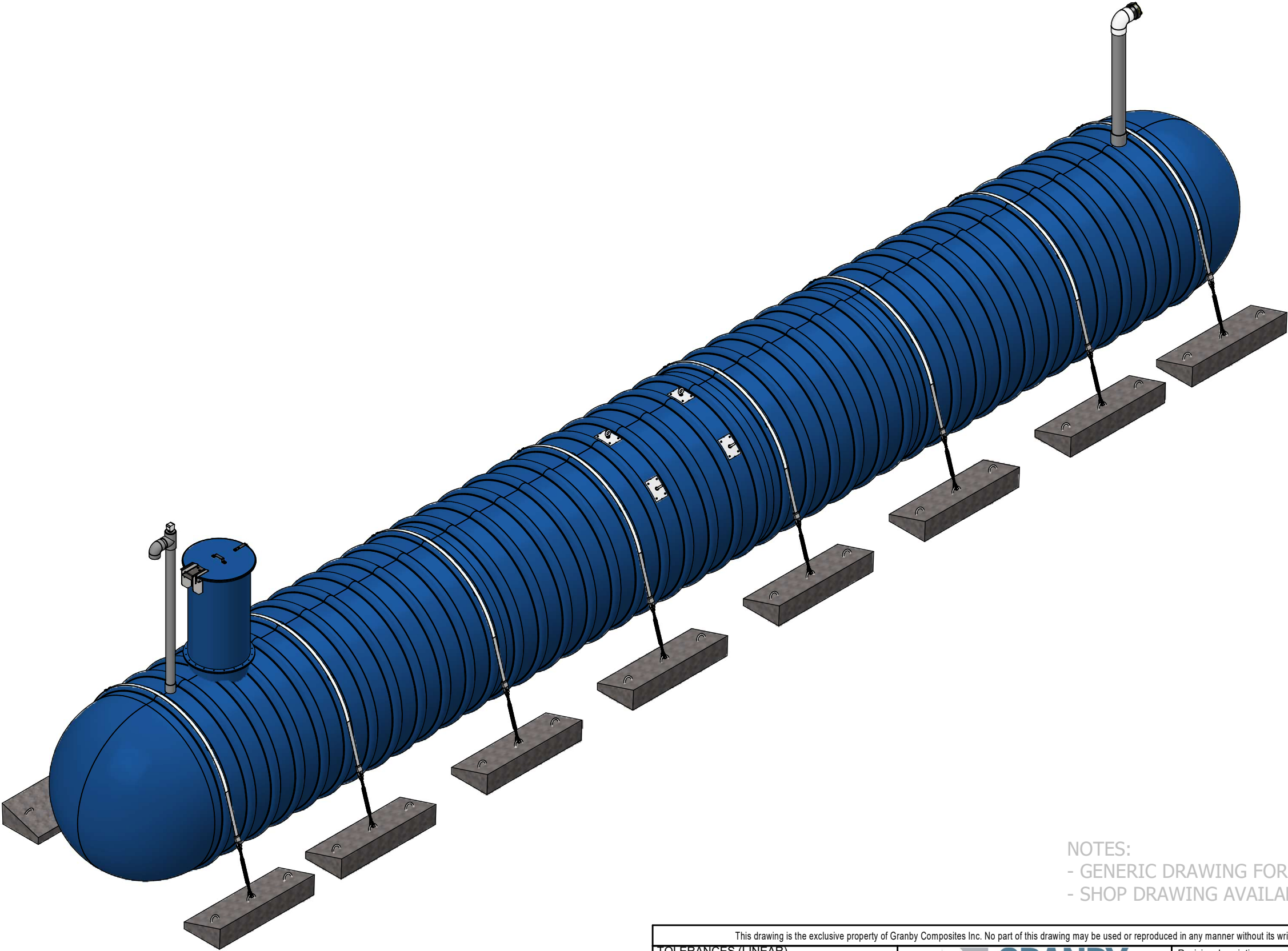


NN08410789FP

FIBERGLASS TANK
 TOTAL CAPACITY : 21354 US gal
 NET CAPACITY : 20792 US gal

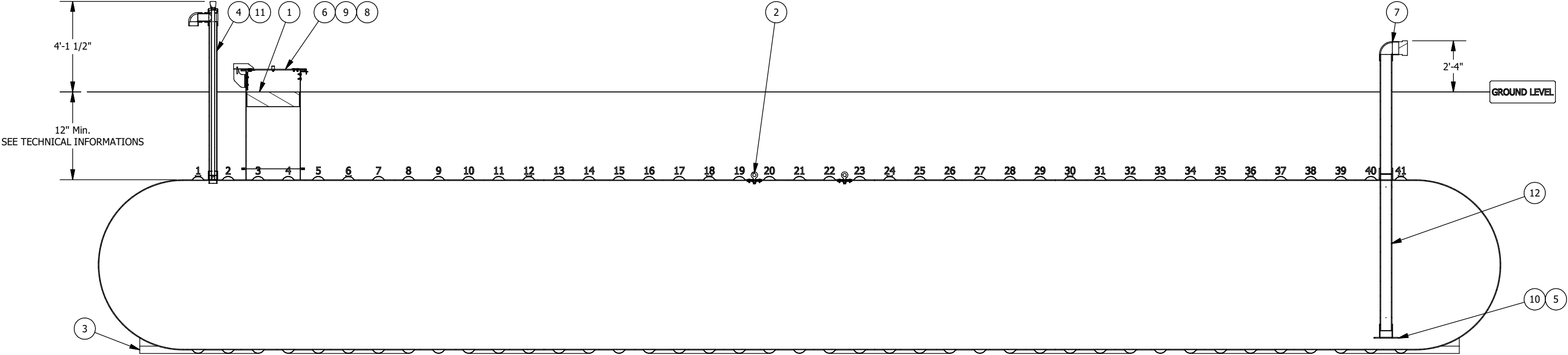
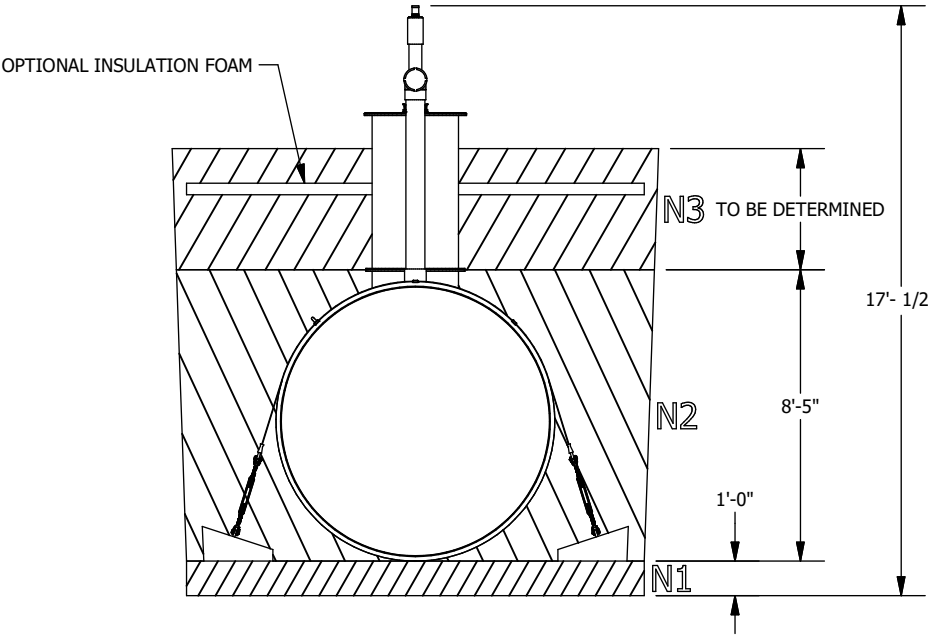


NOTES:
 - GENERIC DRAWING FOR REFERENCE ONLY
 - SHOP DRAWING AVAILABLE ON REQUEST

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TOLERANCES (LINEAR)				Revision description	
FEET DIM. -> ± 1% 0.0 -> ± 0.5"				Format B Part no. NN08410789FP REV 02.	
TOLERANCES (ANGULAR)		Drawn by O. Marin		15/01/2024	
0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG.		0.00 -> ± 0.125" 0.00 -> ± 0.1 DEG.		Title	
Weight : 7325 Lb		Approved by :		8' Dia. TANK - 21354 US gal	
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	ADP0000001	4	LIFTING LUG	
3	ENSCOUR8	8	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



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 : 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 5psig

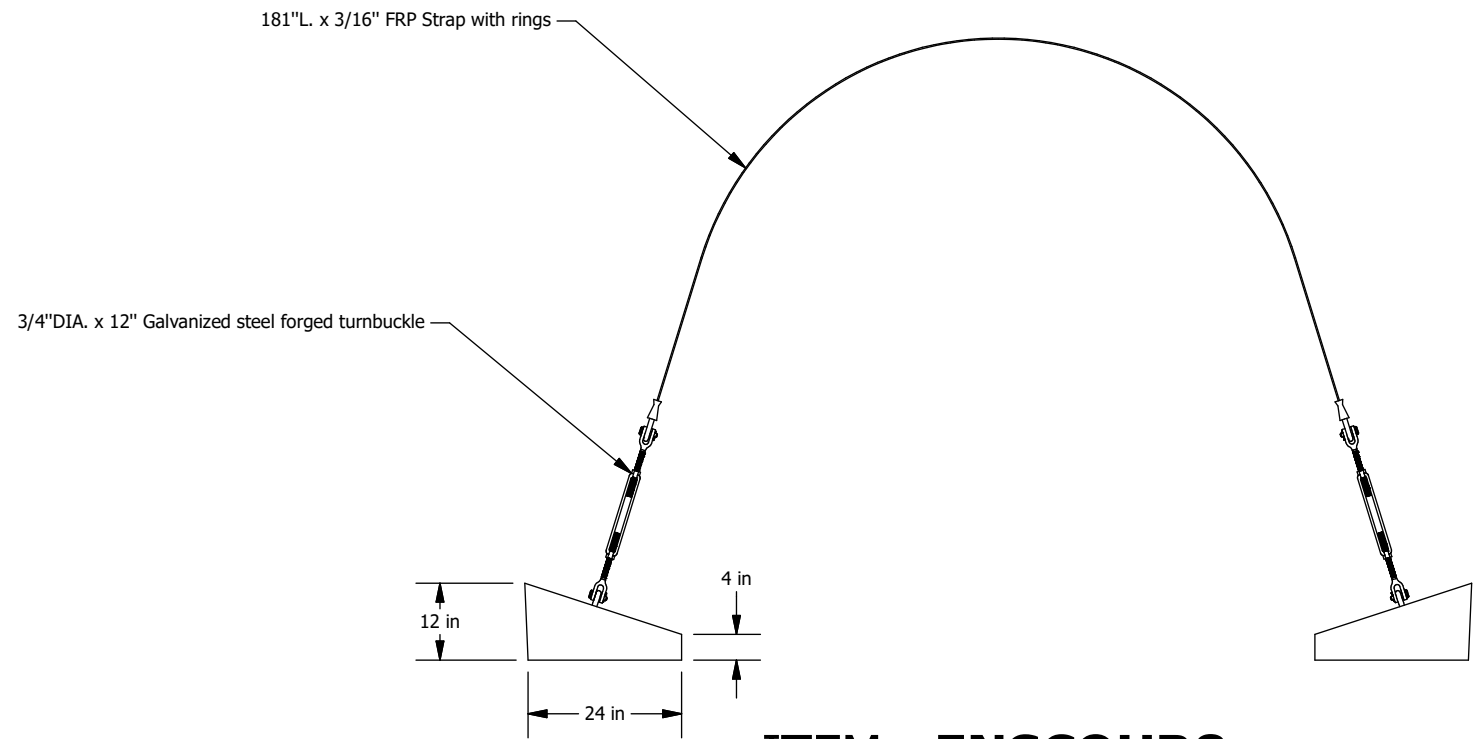
The tank must be installed in accordance with the manufacturer's instructions.

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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)		 GRANBY COMPOSITES		Format	
0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG.				Part no.	
0.00 -> ± 0.1 DEG.		O. Marin		NN08410789FP	
Weight :		Approved by :		REV	
7325 Lb				02 .	
Client		# Project		Title	
		Sheet 2 / 4		8' Dia. TANK - 21354 US gal	



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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. NN08410789FP
Weight : 7325 Lb		Drawn by O. Marin		15/01/2024	
Client		Approved by :		Title 8' Dia. TANK - 21354 US gal	
# 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				
Weight :			Approved by :			Title				
						ANCHORING KIT				
Client		# Project			Sheet 4 / 4					



CAPACITY CHART FOR NN08410789 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	562	12	1580	18	2867	24	4347	30	5964	36	7676	42	9445	48	11238	54	13020	60	14758
1/8	2	6 1/8	580	12 1/8	1604	18 1/8	2896	24 1/8	4379	30 1/8	5999	36 1/8	7712	42 1/8	9482	48 1/8	11275	54 1/8	13057	60 1/8	14793
1/4	5	6 1/4	598	12 1/4	1629	18 1/4	2926	24 1/4	4412	30 1/4	6033	36 1/4	7749	42 1/4	9520	48 1/4	11313	54 1/4	13094	60 1/4	14829
3/8	9	6 3/8	616	12 3/8	1653	18 3/8	2955	24 3/8	4444	30 3/8	6068	36 3/8	7785	42 3/8	9557	48 3/8	11350	54 3/8	13130	60 3/8	14864
1/2	14	6 1/2	634	12 1/2	1678	18 1/2	2984	24 1/2	4477	30 1/2	6103	36 1/2	7821	42 1/2	9594	48 1/2	11387	54 1/2	13167	60 1/2	14899
5/8	19	6 5/8	652	12 5/8	1703	18 5/8	3014	24 5/8	4510	30 5/8	6138	36 5/8	7858	42 5/8	9631	48 5/8	11425	54 5/8	13204	60 5/8	14935
3/4	25	6 3/4	671	12 3/4	1728	18 3/4	3043	24 3/4	4542	30 3/4	6173	36 3/4	7894	42 3/4	9669	48 3/4	11462	54 3/4	13240	60 3/4	14970
7/8	32	6 7/8	689	12 7/8	1753	18 7/8	3073	24 7/8	4575	30 7/8	6208	36 7/8	7931	42 7/8	9706	48 7/8	11499	54 7/8	13277	60 7/8	15005
1	39	7	708	13	1778	19	3102	25	4608	31	6244	37	7968	43	9743	49	11536	55	13314	61	15041
1 1/8	46	7 1/8	727	13 1/8	1803	19 1/8	3132	25 1/8	4641	31 1/8	6279	37 1/8	8004	43 1/8	9781	49 1/8	11574	55 1/8	13350	61 1/8	15076
1 1/4	54	7 1/4	746	13 1/4	1829	19 1/4	3162	25 1/4	4674	31 1/4	6314	37 1/4	8041	43 1/4	9818	49 1/4	11611	55 1/4	13387	61 1/4	15111
1 3/8	62	7 3/8	766	13 3/8	1854	19 3/8	3192	25 3/8	4707	31 3/8	6349	37 3/8	8077	43 3/8	9855	49 3/8	11648	55 3/8	13423	61 3/8	15146
1 1/2	70	7 1/2	785	13 1/2	1880	19 1/2	3222	25 1/2	4740	31 1/2	6384	37 1/2	8114	43 1/2	9893	49 1/2	11686	55 1/2	13460	61 1/2	15181
1 5/8	79	7 5/8	805	13 5/8	1906	19 5/8	3252	25 5/8	4773	31 5/8	6420	37 5/8	8151	43 5/8	9930	49 5/8	11723	55 5/8	13496	61 5/8	15216
1 3/4	89	7 3/4	825	13 3/4	1932	19 3/4	3282	25 3/4	4806	31 3/4	6455	37 3/4	8187	43 3/4	9967	49 3/4	11760	55 3/4	13533	61 3/4	15251
1 7/8	98	7 7/8	844	13 7/8	1958	19 7/8	3312	25 7/8	4839	31 7/8	6490	37 7/8	8224	43 7/8	10005	49 7/8	11797	55 7/8	13569	61 7/8	15286
2	108	8	865	14	1984	20	3342	26	4873	32	6526	38	8261	44	10042	50	11835	56	13606	62	15321
2 1/8	119	8 1/8	885	14 1/8	2010	20 1/8	3373	26 1/8	4906	32 1/8	6561	38 1/8	8298	44 1/8	10079	50 1/8	11872	56 1/8	13642	62 1/8	15356
2 1/4	129	8 1/4	905	14 1/4	2036	20 1/4	3403	26 1/4	4939	32 1/4	6597	38 1/4	8334	44 1/4	10117	50 1/4	11909	56 1/4	13679	62 1/4	15391
2 3/8	140	8 3/8	926	14 3/8	2062	20 3/8	3433	26 3/8	4973	32 3/8	6632	38 3/8	8371	44 3/8	10154	50 3/8	11946	56 3/8	13715	62 3/8	15425
2 1/2	151	8 1/2	946	14 1/2	2089	20 1/2	3464	26 1/2	5006	32 1/2	6668	38 1/2	8408	44 1/2	10191	50 1/2	11984	56 1/2	13751	62 1/2	15460
2 5/8	163	8 5/8	967	14 5/8	2115	20 5/8	3495	26 5/8	5040	32 5/8	6703	38 5/8	8445	44 5/8	10229	50 5/8	12021	56 5/8	13788	62 5/8	15495
2 3/4	175	8 3/4	988	14 3/4	2142	20 3/4	3525	26 3/4	5073	32 3/4	6739	38 3/4	8482	44 3/4	10266	50 3/4	12058	56 3/4	13824	62 3/4	15530
2 7/8	187	8 7/8	1009	14 7/8	2169	20 7/8	3556	26 7/8	5107	32 7/8	6775	38 7/8	8519	44 7/8	10303	50 7/8	12095	56 7/8	13860	62 7/8	15564
3	199	9	1030	15	2196	21	3587	27	5141	33	6810	39	8555	45	10341	51	12132	57	13897	63	15599
3 1/8	212	9 1/8	1052	15 1/8	2222	21 1/8	3618	27 1/8	5175	33 1/8	6846	39 1/8	8592	45 1/8	10378	51 1/8	12169	57 1/8	13933	63 1/8	15633
3 1/4	224	9 1/4	1073	15 1/4	2250	21 1/4	3649	27 1/4	5208	33 1/4	6882	39 1/4	8629	45 1/4	10416	51 1/4	12207	57 1/4	13969	63 1/4	15668
3 3/8	237	9 3/8	1095	15 3/8	2277	21 3/8	3680	27 3/8	5242	33 3/8	6918	39 3/8	8666	45 3/8	10453	51 3/8	12244	57 3/8	14005	63 3/8	15702
3 1/2	251	9 1/2	1117	15 1/2	2304	21 1/2	3711	27 1/2	5276	33 1/2	6953	39 1/2	8703	45 1/2	10490	51 1/2	12281	57 1/2	14041	63 1/2	15737
3 5/8	264	9 5/8	1139	15 5/8	2331	21 5/8	3742	27 5/8	5310	33 5/8	6989	39 5/8	8740	45 5/8	10528	51 5/8	12318	57 5/8	14077	63 5/8	15771
3 3/4	278	9 3/4	1161	15 3/4	2359	21 3/4	3773	27 3/4	5344	33 3/4	7025	39 3/4	8777	45 3/4	10565	51 3/4	12355	57 3/4	14113	63 3/4	15805
3 7/8	292	9 7/8	1183	15 7/8	2386	21 7/8	3805	27 7/8	5378	33 7/8	7061	39 7/8	8814	45 7/8	10602	51 7/8	12392	57 7/8	14150	63 7/8	15840
4	306	10	1205	16	2414	22	3836	28	5412	34	7097	40	8851	46	10640	52	12429	58	14186	64	15874
4 1/8	321	10 1/8	1228	16 1/8	2441	22 1/8	3867	28 1/8	5446	34 1/8	7133	40 1/8	8888	46 1/8	10677	52 1/8	12466	58 1/8	14222	64 1/8	15908
4 1/4	335	10 1/4	1250	16 1/4	2469	22 1/4	3899	28 1/4	5481	34 1/4	7169	40 1/4	8925	46 1/4	10715	52 1/4	12503	58 1/4	14258	64 1/4	15942
4 3/8	350	10 3/8	1273	16 3/8	2497	22 3/8	3930	28 3/8	5515	34 3/8	7205	40 3/8	8962	46 3/8	10752	52 3/8	12540	58 3/8	14293	64 3/8	15976
4 1/2	366	10 1/2	1296	16 1/2	2525	22 1/2	3962	28 1/2	5549	34 1/2	7241	40 1/2	8999	46 1/2	10789	52 1/2	12577	58 1/2	14329	64 1/2	16010
4 5/8	381	10 5/8	1319	16 5/8	2553	22 5/8	3994	28 5/8	5583	34 5/8	7277	40 5/8	9036	46 5/8	10827	52 5/8	12614	58 5/8	14365	64 5/8	16044
4 3/4	396	10 3/4	1342	16 3/4	2581	22 3/4	4026	28 3/4	5618	34 3/4	7313	40 3/4	9074	46 3/4	10864	52 3/4	12651	58 3/4	14401	64 3/4	16078
4 7/8	412	10 7/8	1365	16 7/8	2609	22 7/8	4057	28 7/8	5652	34 7/8	7349	40 7/8	9111	46 7/8	10902	52 7/8	12688	58 7/8	14437	64 7/8	16112
5	428	11	1389	17	2638	23	4089	29	5687	35	7385	41	9148	47	10939	53	12725	59	14473	65	16146
5 1/8	444	11 1/8	1412	17 1/8	2666	23 1/8	4121	29 1/8	5721	35 1/8	7422	41 1/8	9185	47 1/8	10976	53 1/8	12762	59 1/8	14508	65 1/8	16180
5 1/4	460	11 1/4	1436	17 1/4	2695	23 1/4	4153	29 1/4	5756	35 1/4	7458	41 1/4	9222	47 1/4	11014	53 1/4	12799	59 1/4	14544	65 1/4	16214
5 3/8	477	11 3/8	1459	17 3/8	2723	23 3/8	4185	29 3/8	5790	35 3/8	7494	41 3/8	9259	47 3/8	11051	53 3/8	12836	59 3/8	14580	65 3/8	16247
5 1/2	494	11 1/2	1483	17 1/2	2752	23 1/2	4218	29 1/2	5825	35 1/2	7530	41 1/2	9296	47 1/2	11088	53 1/2	12873	59 1/2	14615	65 1/2	16281
5 5/8	511	11 5/8	1507	17 5/8	2781	23 5/8	4250	29 5/8	5859	35 5/8	7567	41 5/8	9334	47 5/8	11126	53 5/8	12910	59 5/8	14651	65 5/8	16315
5 3/4	528	11 3/4	1531	17 3/4	2809	23 3/4	4282	29 3/4	5894	35 3/4	7603	41 3/4	9371	47 3/4	11163	53 3/4	12946	59 3/4	14687	65 3/4	16348
5 7/8	545	11 7/8	1555	17 7/8	2838	23 7/8	4314	29 7/8	5929	35 7/8	7639	41 7/8	9408	47 7/8	11200	53 7/8	12983	59 7/8	14722	65 7/8	16382

** PRECISION IS ABOUT +/- 1%



CAPACITY CHART FOR NN08410789 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	16415	69	17201	72	17951	75	18660	78	19318	81	19919	84	20449	87	20894	90	21225				
66 1/8	16448	69 1/8	17233	72 1/8	17982	75 1/8	18688	78 1/8	19345	81 1/8	19942	84 1/8	20470	87 1/8	20910	90 1/8	21236				
66 1/4	16482	69 1/4	17265	72 1/4	18012	75 1/4	18717	78 1/4	19371	81 1/4	19966	84 1/4	20490	87 1/4	20926	90 1/4	21246				
66 3/8	16515	69 3/8	17297	72 3/8	18042	75 3/8	18745	78 3/8	19397	81 3/8	19989	84 3/8	20510	87 3/8	20942	90 3/8	21256				
66 1/2	16548	69 1/2	17329	72 1/2	18073	75 1/2	18773	78 1/2	19423	81 1/2	20012	84 1/2	20530	87 1/2	20958	90 1/2	21266				
66 5/8	16581	69 5/8	17361	72 5/8	18103	75 5/8	18801	78 5/8	19449	81 5/8	20035	84 5/8	20550	87 5/8	20974	90 5/8	21275				
66 3/4	16615	69 3/4	17392	72 3/4	18133	75 3/4	18829	78 3/4	19474	81 3/4	20058	84 3/4	20569	87 3/4	20989	90 3/4	21284				
66 7/8	16648	69 7/8	17424	72 7/8	18163	75 7/8	18857	78 7/8	19500	81 7/8	20081	84 7/8	20589	87 7/8	21004	90 7/8	21293				
67	16681	70	17456	73	18193	76	18885	79	19526	82	20104	85	20608	88	21019	91	21301				
67 1/8	16714	70 1/8	17487	73 1/8	18222	76 1/8	18913	79 1/8	19551	82 1/8	20127	85 1/8	20627	88 1/8	21034	91 1/8	21309				
67 1/4	16747	70 1/4	17518	73 1/4	18252	76 1/4	18941	79 1/4	19576	82 1/4	20149	85 1/4	20646	88 1/4	21048	91 1/4	21316				
67 3/8	16779	70 3/8	17550	73 3/8	18282	76 3/8	18968	79 3/8	19601	82 3/8	20171	85 3/8	20665	88 3/8	21062	91 3/8	21323				
67 1/2	16812	70 1/2	17581	73 1/2	18311	76 1/2	18996	79 1/2	19627	82 1/2	20194	85 1/2	20684	88 1/2	21076	91 1/2	21329				
67 5/8	16845	70 5/8	17612	73 5/8	18341	76 5/8	19023	79 5/8	19652	82 5/8	20216	85 5/8	20702	88 5/8	21090	91 5/8	21335				
67 3/4	16878	70 3/4	17644	73 3/4	18370	76 3/4	19051	79 3/4	19676	82 3/4	20238	85 3/4	20720	88 3/4	21104	91 3/4	21341				
67 7/8	16910	70 7/8	17675	73 7/8	18400	76 7/8	19078	79 7/8	19701	82 7/8	20259	85 7/8	20739	88 7/8	21117	91 7/8	21345				
68	16943	71	17706	74	18429	77	19105	80	19726	83	20281	86	20757	89	21130	92	21349				
68 1/8	16975	71 1/8	17737	74 1/8	18458	77 1/8	19132	80 1/8	19750	83 1/8	20303	86 1/8	20774	89 1/8	21143	92 1/8	21352				
68 1/4	17008	71 1/4	17768	74 1/4	18487	77 1/4	19159	80 1/4	19775	83 1/4	20324	86 1/4	20792	89 1/4	21155	92 1/4	21354				
68 3/8	17040	71 3/8	17798	74 3/8	18516	77 3/8	19186	80 3/8	19799	83 3/8	20345	86 3/8	20809	89 3/8	21168	92 3/8	21354				
68 1/2	17072	71 1/2	17829	74 1/2	18545	77 1/2	19212	80 1/2	19823	83 1/2	20366	86 1/2	20827	89 1/2	21180						
68 5/8	17105	71 5/8	17860	74 5/8	18574	77 5/8	19239	80 5/8	19847	83 5/8	20387	86 5/8	20844	89 5/8	21192						
68 3/4	17137	71 3/4	17890	74 3/4	18602	77 3/4	19266	80 3/4	19871	83 3/4	20408	86 3/4	20861	89 3/4	21203						
68 7/8	17169	71 7/8	17921	74 7/8	18631	77 7/8	19292	80 7/8	19895	83 7/8	20429	86 7/8	20877	89 7/8	21214						

** PRECISION IS ABOUT +/- 1%