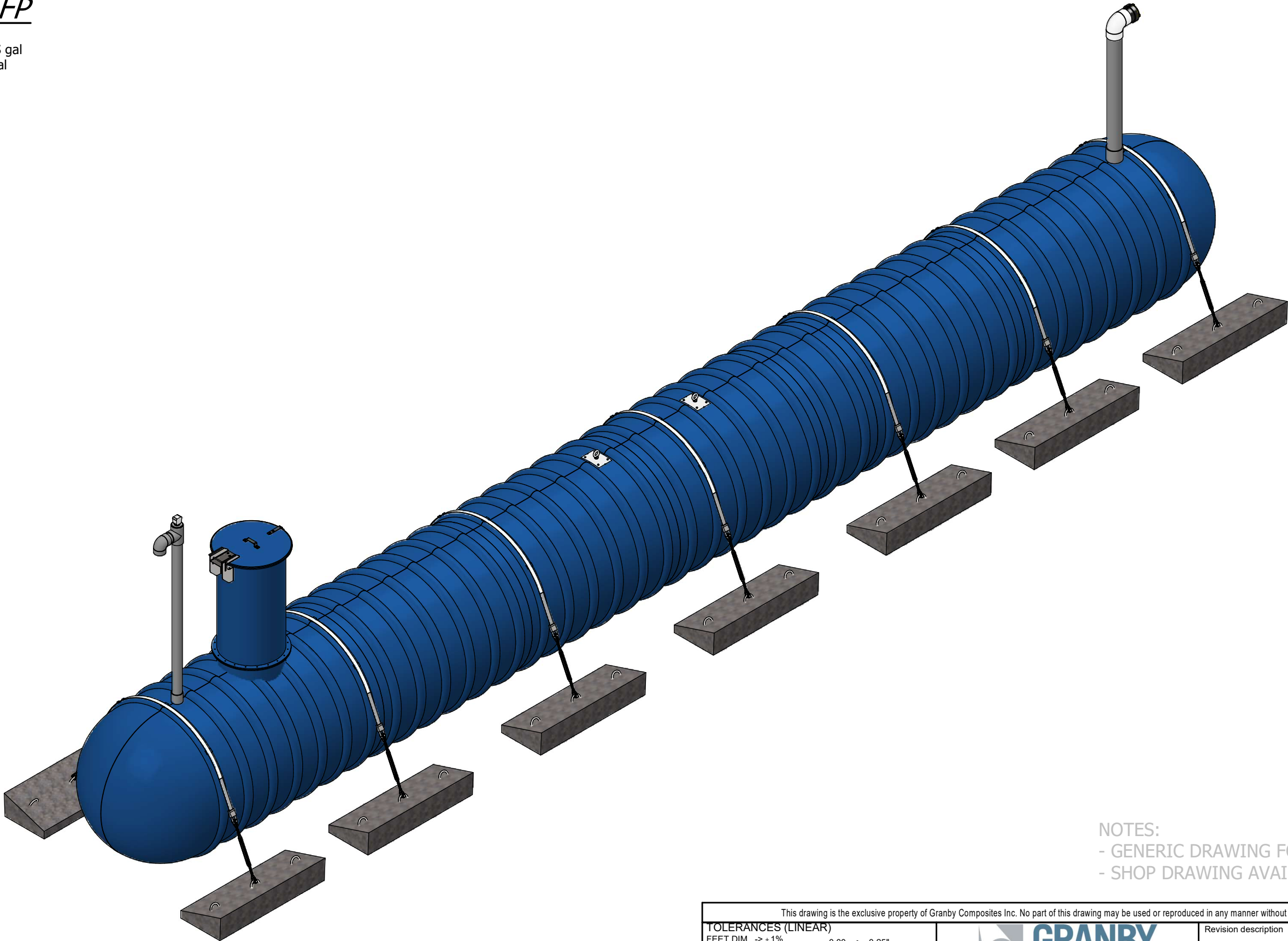


NN06400431FP

FIBERGLASS TANK
 TOTAL CAPACITY : 11340 US gal
 NET CAPACITY : 10906 US gal

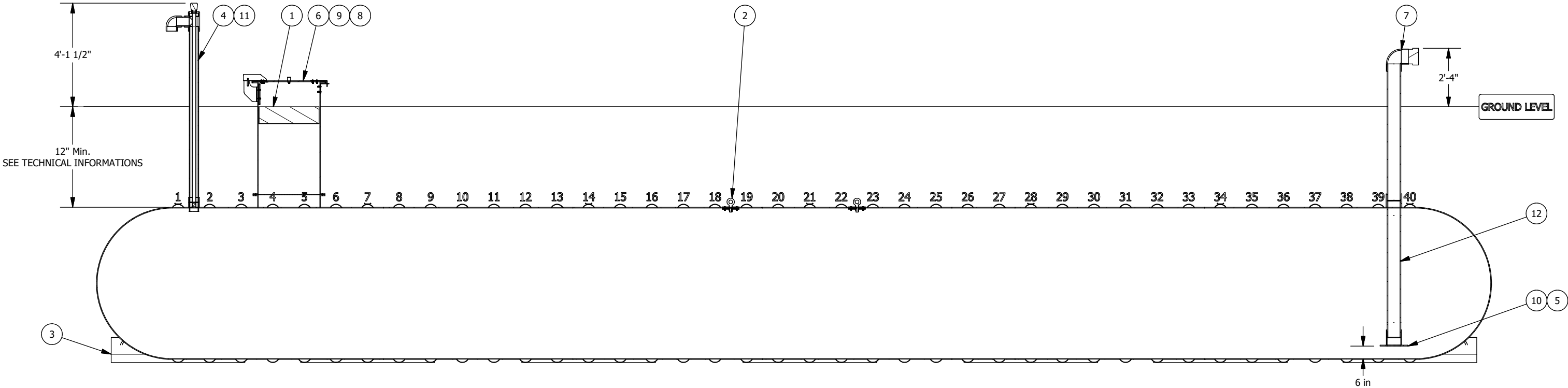
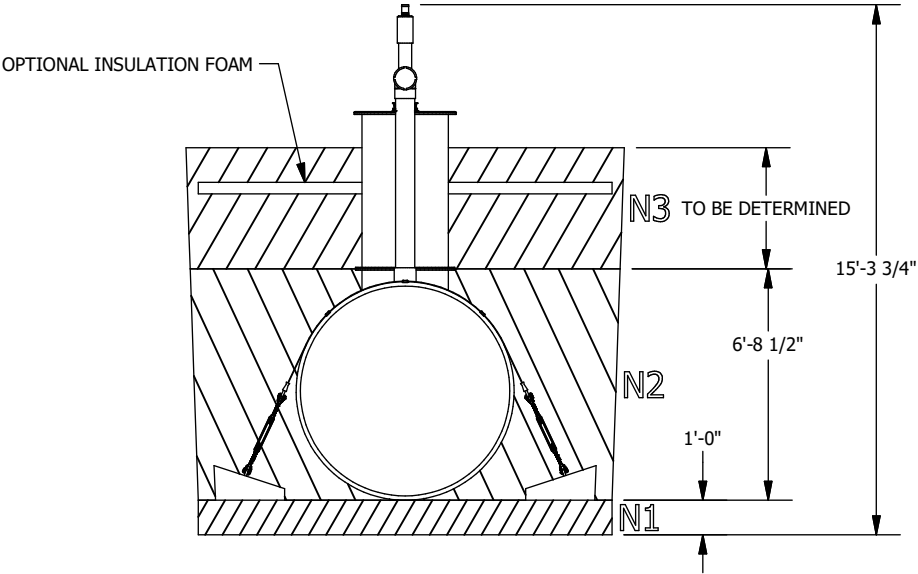


NOTES:
 - GENERIC DRAWING FOR REFERENCE ONLY
 - SHOP DRAWING AVAILABLE ON REQUEST

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TOLERANCES (LINEAR)		 GRANBY COMPOSITES	Revision description		
FEET DIM. -> ± 1% 0.0 -> ± 0.5"			Format B	Part no. NN06400431FP	REV 02.
0.00 -> ± 0.25" 0.000 -> ± 0.125"					
TOLERANCES (ANGULAR)		Drawn by O. Marin	15/01/2024		
0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG.					
Weight : 4398 Lb		Approved by :	Title 6' Dia. TANK - 11340 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	2	LIFTING LUG	
3	ENSCOUR6	7	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 (65.203"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 : 72
- (If required) Quantity of fiberglass anchoring straps : 7
- (If required) Quantity of reinforced concrete deadman anchors : 14
- 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

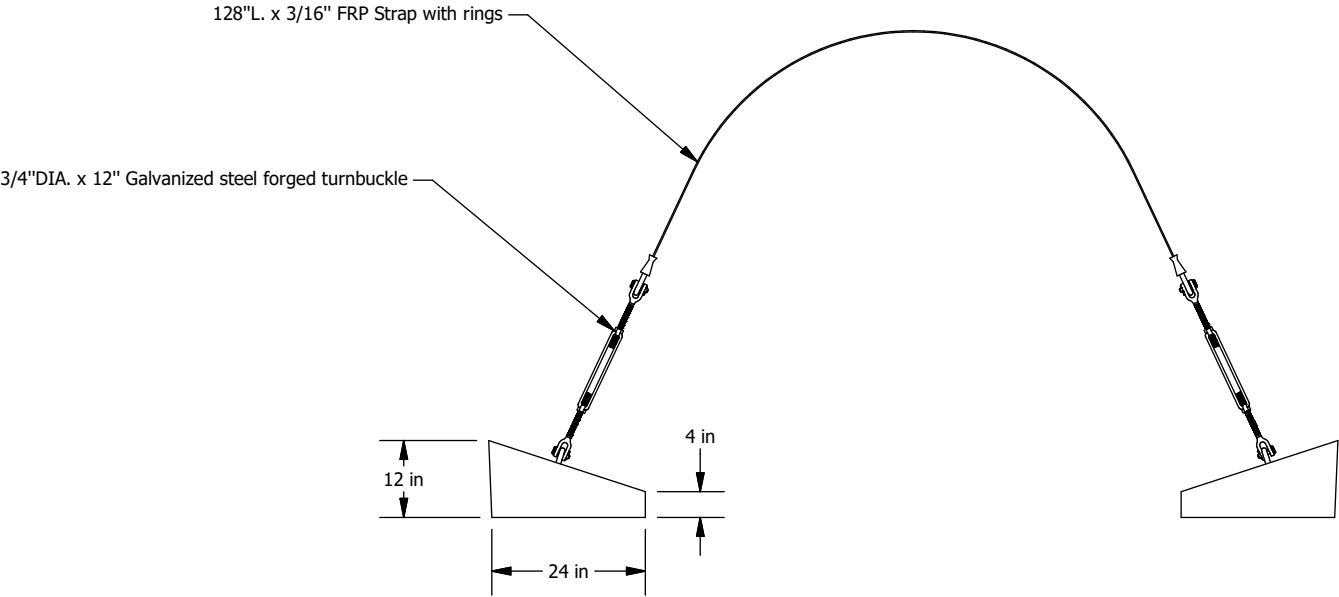
The tank must be installed in accordance with the manufacturer's instructions.

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TOLERANCES (LINEAR)				Revision description	
FEET DIM. -> ± 1% 0.0 -> ± 0.5"				Format B Part no. NN06400431FP REV 02.	
0.00 -> ± 0.25" 0.000 -> ± 0.125"					
TOLERANCES (ANGULAR)		Drawn by O. Marin		15/01/2024	
0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG.		Approved by :		Title	
Weight : 4398 Lb				6' Dia. TANK - 11340 US gal	
Client		# Project		Sheet 2 / 4	



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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. NN06400431FP REV 02	
Weight : 4398 Lb		Drawn by O. Marin		Date 15/01/2024	
Client		Approved by :		Title 6' Dia. TANK - 11340 US gal	
# Project		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)			 GRANBY COMPOSITES			Revision description				
FEET DIM. -> ± 1%						0.00 -> ± 0.25"				
0.0 -> ± 0.5"						0.000 -> ± 0.125"				
TOLERANCES (ANGULAR)			Drawn by O. Marin			Format B		Part no. ENSCOUR6		REV A.
0 -> ± 2 DEG.										
0.0 -> ± 0.5 DEG.						0.00 -> ± 0.1 DEG.				
Weight :			Approved by :			Title				
Client			# Project			Sheet			ANCHORING KIT	
						4 / 4				



CAPACITY CHART FOR NN06400431 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	435	12	1213	18	2184	24	3282	30	4457	36	5670	42	6883	48	8059	54	9156	60	10128
1/8	2	6 1/8	448	12 1/8	1231	18 1/8	2206	24 1/8	3306	30 1/8	4482	36 1/8	5696	42 1/8	6908	48 1/8	8083	54 1/8	9178	60 1/8	10146
1/4	4	6 1/4	462	12 1/4	1250	18 1/4	2228	24 1/4	3329	30 1/4	4507	36 1/4	5721	42 1/4	6933	48 1/4	8106	54 1/4	9200	60 1/4	10165
3/8	7	6 3/8	476	12 3/8	1269	18 3/8	2250	24 3/8	3353	30 3/8	4532	36 3/8	5746	42 3/8	6958	48 3/8	8130	54 3/8	9221	60 3/8	10183
1/2	11	6 1/2	490	12 1/2	1287	18 1/2	2272	24 1/2	3377	30 1/2	4557	36 1/2	5772	42 1/2	6983	48 1/2	8154	54 1/2	9243	60 1/2	10201
5/8	15	6 5/8	504	12 5/8	1306	18 5/8	2294	24 5/8	3401	30 5/8	4582	36 5/8	5797	42 5/8	7008	48 5/8	8177	54 5/8	9264	60 5/8	10219
3/4	20	6 3/4	518	12 3/4	1325	18 3/4	2316	24 3/4	3425	30 3/4	4608	36 3/4	5823	42 3/4	7033	48 3/4	8201	54 3/4	9286	60 3/4	10237
7/8	25	6 7/8	532	12 7/8	1344	18 7/8	2338	24 7/8	3449	30 7/8	4633	36 7/8	5848	42 7/8	7058	48 7/8	8225	54 7/8	9307	60 7/8	10255
1	30	7	547	13	1363	19	2360	25	3473	31	4658	37	5873	43	7083	49	8248	55	9328	61	10273
1 1/8	36	7 1/8	562	13 1/8	1383	19 1/8	2382	25 1/8	3497	31 1/8	4683	37 1/8	5899	43 1/8	7108	49 1/8	8272	55 1/8	9350	61 1/8	10291
1 1/4	42	7 1/4	576	13 1/4	1402	19 1/4	2404	25 1/4	3522	31 1/4	4708	37 1/4	5924	43 1/4	7132	49 1/4	8295	55 1/4	9371	61 1/4	10309
1 3/8	48	7 3/8	591	13 3/8	1421	19 3/8	2426	25 3/8	3546	31 3/8	4733	37 3/8	5950	43 3/8	7157	49 3/8	8319	55 3/8	9392	61 3/8	10326
1 1/2	55	7 1/2	606	13 1/2	1441	19 1/2	2449	25 1/2	3570	31 1/2	4758	37 1/2	5975	43 1/2	7182	49 1/2	8342	55 1/2	9413	61 1/2	10344
1 5/8	62	7 5/8	621	13 5/8	1460	19 5/8	2471	25 5/8	3594	31 5/8	4784	37 5/8	6000	43 5/8	7207	49 5/8	8365	55 5/8	9434	61 5/8	10361
1 3/4	69	7 3/4	636	13 3/4	1480	19 3/4	2494	25 3/4	3618	31 3/4	4809	37 3/4	6026	43 3/4	7232	49 3/4	8389	55 3/4	9455	61 3/4	10378
1 7/8	76	7 7/8	651	13 7/8	1499	19 7/8	2516	25 7/8	3643	31 7/8	4834	37 7/8	6051	43 7/8	7256	49 7/8	8412	55 7/8	9476	61 7/8	10396
2	84	8	667	14	1519	20	2539	26	3667	32	4859	38	6076	44	7281	50	8435	56	9497	62	10413
2 1/8	92	8 1/8	682	14 1/8	1539	20 1/8	2561	26 1/8	3691	32 1/8	4885	38 1/8	6102	44 1/8	7306	50 1/8	8459	56 1/8	9518	62 1/8	10430
2 1/4	100	8 1/4	698	14 1/4	1559	20 1/4	2584	26 1/4	3716	32 1/4	4910	38 1/4	6127	44 1/4	7330	50 1/4	8482	56 1/4	9538	62 1/4	10447
2 3/8	109	8 3/8	714	14 3/8	1579	20 3/8	2606	26 3/8	3740	32 3/8	4935	38 3/8	6152	44 3/8	7355	50 3/8	8505	56 3/8	9559	62 3/8	10464
2 1/2	118	8 1/2	730	14 1/2	1599	20 1/2	2629	26 1/2	3764	32 1/2	4960	38 1/2	6178	44 1/2	7380	50 1/2	8528	56 1/2	9580	62 1/2	10480
2 5/8	126	8 5/8	745	14 5/8	1619	20 5/8	2652	26 5/8	3789	32 5/8	4986	38 5/8	6203	44 5/8	7404	50 5/8	8551	56 5/8	9600	62 5/8	10497
2 3/4	136	8 3/4	762	14 3/4	1639	20 3/4	2675	26 3/4	3813	32 3/4	5011	38 3/4	6228	44 3/4	7429	50 3/4	8574	56 3/4	9621	62 3/4	10514
2 7/8	145	8 7/8	778	14 7/8	1659	20 7/8	2698	26 7/8	3838	32 7/8	5036	38 7/8	6254	44 7/8	7454	50 7/8	8597	56 7/8	9641	62 7/8	10530
3	154	9	794	15	1679	21	2720	27	3862	33	5061	39	6279	45	7478	51	8620	57	9661	63	10547
3 1/8	164	9 1/8	810	15 1/8	1699	21 1/8	2743	27 1/8	3887	33 1/8	5087	39 1/8	6304	45 1/8	7503	51 1/8	8643	57 1/8	9682	63 1/8	10563
3 1/4	174	9 1/4	827	15 1/4	1720	21 1/4	2766	27 1/4	3911	33 1/4	5112	39 1/4	6330	45 1/4	7527	51 1/4	8666	57 1/4	9702	63 1/4	10579
3 3/8	184	9 3/8	843	15 3/8	1740	21 3/8	2789	27 3/8	3936	33 3/8	5137	39 3/8	6355	45 3/8	7552	51 3/8	8689	57 3/8	9722	63 3/8	10595
3 1/2	194	9 1/2	860	15 1/2	1761	21 1/2	2812	27 1/2	3961	33 1/2	5163	39 1/2	6380	45 1/2	7576	51 1/2	8711	57 1/2	9742	63 1/2	10611
3 5/8	205	9 5/8	877	15 5/8	1781	21 5/8	2836	27 5/8	3985	33 5/8	5188	39 5/8	6405	45 5/8	7600	51 5/8	8734	57 5/8	9762	63 5/8	10627
3 3/4	216	9 3/4	894	15 3/4	1802	21 3/4	2859	27 3/4	4010	33 3/4	5213	39 3/4	6431	45 3/4	7625	51 3/4	8757	57 3/4	9782	63 3/4	10642
3 7/8	226	9 7/8	911	15 7/8	1823	21 7/8	2882	27 7/8	4035	33 7/8	5239	39 7/8	6456	45 7/8	7649	51 7/8	8779	57 7/8	9802	63 7/8	10658
4	237	10	928	16	1844	22	2905	28	4059	34	5264	40	6481	46	7673	52	8802	58	9821	64	10674
4 1/8	249	10 1/8	945	16 1/8	1864	22 1/8	2928	28 1/8	4084	34 1/8	5289	40 1/8	6506	46 1/8	7698	52 1/8	8824	58 1/8	9841	64 1/8	10689
4 1/4	260	10 1/4	962	16 1/4	1885	22 1/4	2952	28 1/4	4109	34 1/4	5315	40 1/4	6532	46 1/4	7722	52 1/4	8847	58 1/4	9861	64 1/4	10704
4 3/8	271	10 3/8	979	16 3/8	1906	22 3/8	2975	28 3/8	4134	34 3/8	5340	40 3/8	6557	46 3/8	7746	52 3/8	8869	58 3/8	9880	64 3/8	10719
4 1/2	283	10 1/2	997	16 1/2	1927	22 1/2	2998	28 1/2	4158	34 1/2	5366	40 1/2	6582	46 1/2	7770	52 1/2	8892	58 1/2	9900	64 1/2	10734
4 5/8	295	10 5/8	1014	16 5/8	1948	22 5/8	3022	28 5/8	4183	34 5/8	5391	40 5/8	6607	46 5/8	7795	52 5/8	8914	58 5/8	9919	64 5/8	10749
4 3/4	307	10 3/4	1032	16 3/4	1970	22 3/4	3045	28 3/4	4208	34 3/4	5416	40 3/4	6632	46 3/4	7819	52 3/4	8936	58 3/4	9939	64 3/4	10764
4 7/8	319	10 7/8	1050	16 7/8	1991	22 7/8	3069	28 7/8	4233	34 7/8	5442	40 7/8	6657	46 7/8	7843	52 7/8	8958	58 7/8	9958	64 7/8	10779
5	331	11	1067	17	2012	23	3092	29	4258	35	5467	41	6683	47	7867	53	8981	59	9977	65	10794
5 1/8	344	11 1/8	1085	17 1/8	2033	23 1/8	3116	29 1/8	4283	35 1/8	5492	41 1/8	6708	47 1/8	7891	53 1/8	9003	59 1/8	9996	65 1/8	10808
5 1/4	356	11 1/4	1103	17 1/4	2055	23 1/4	3139	29 1/4	4307	35 1/4	5518	41 1/4	6733	47 1/4	7915	53 1/4	9025	59 1/4	10015	65 1/4	10822
5 3/8	369	11 3/8	1121	17 3/8	2076	23 3/8	3163	29 3/8	4332	35 3/8	5543	41 3/8	6758	47 3/8	7939	53 3/8	9047	59 3/8	10034	65 3/8	10837
5 1/2	382	11 1/2	1139	17 1/2	2098	23 1/2	3187	29 1/2	4357	35 1/2	5569	41 1/2	6783	47 1/2	7963	53 1/2	9069	59 1/2	10053	65 1/2	10851
5 5/8	395	11 5/8	1158	17 5/8	2119	23 5/8	3210	29 5/8	4382	35 5/8	5594	41 5/8	6808	47 5/8	7987	53 5/8	9091	59 5/8	10072	65 5/8	10865
5 3/4	408	11 3/4	1176	17 3/4	2141	23 3/4	3234	29 3/4	4407	35 3/4	5619	41 3/4	6833	47 3/4	8011	53 3/4	9113	59 3/4	10091	65 3/4	10878
5 7/8	421	11 7/8	1194	17 7/8	2162	23 7/8	3258	29 7/8	4432	35 7/8	5645	41 7/8	6858	47 7/8	8035	53 7/8	9135	59 7/8	10109	65 7/8	10892

** PRECISION IS ABOUT +/- 1%



CAPACITY CHART FOR NN06400431 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	10906	67	11009	68	11103	69	11186	70	11256	71	11310										
66 1/8	10919	67 1/8	11021	68 1/8	11114	69 1/8	11196	70 1/8	11264	71 1/8	11316										
66 1/4	10932	67 1/4	11034	68 1/4	11125	69 1/4	11205	70 1/4	11271	71 1/4	11321										
66 3/8	10946	67 3/8	11046	68 3/8	11136	69 3/8	11214	70 3/8	11279	71 3/8	11325										
66 1/2	10959	67 1/2	11057	68 1/2	11146	69 1/2	11223	70 1/2	11286	71 1/2	11330										
66 5/8	10971	67 5/8	11069	68 5/8	11156	69 5/8	11232	70 5/8	11292	71 5/8	11333										
66 3/4	10984	67 3/4	11081	68 3/4	11166	69 3/4	11240	70 3/4	11299	71 3/4	11336										
66 7/8	10997	67 7/8	11092	68 7/8	11176	69 7/8	11248	70 7/8	11305	71 7/8	11339										

** PRECISION IS ABOUT +/- 1%