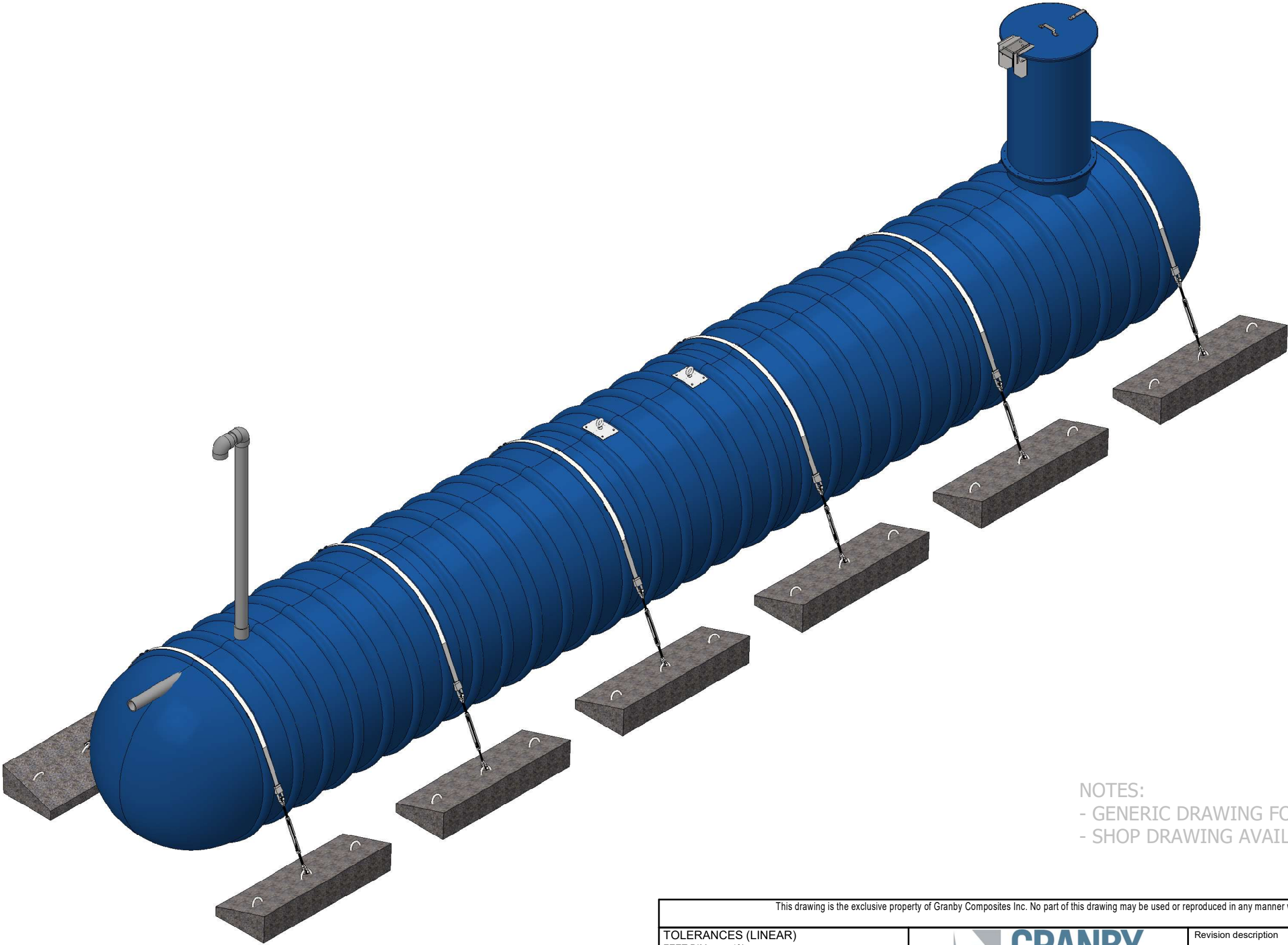


NN06310338EU

FIBERGLASS TANK

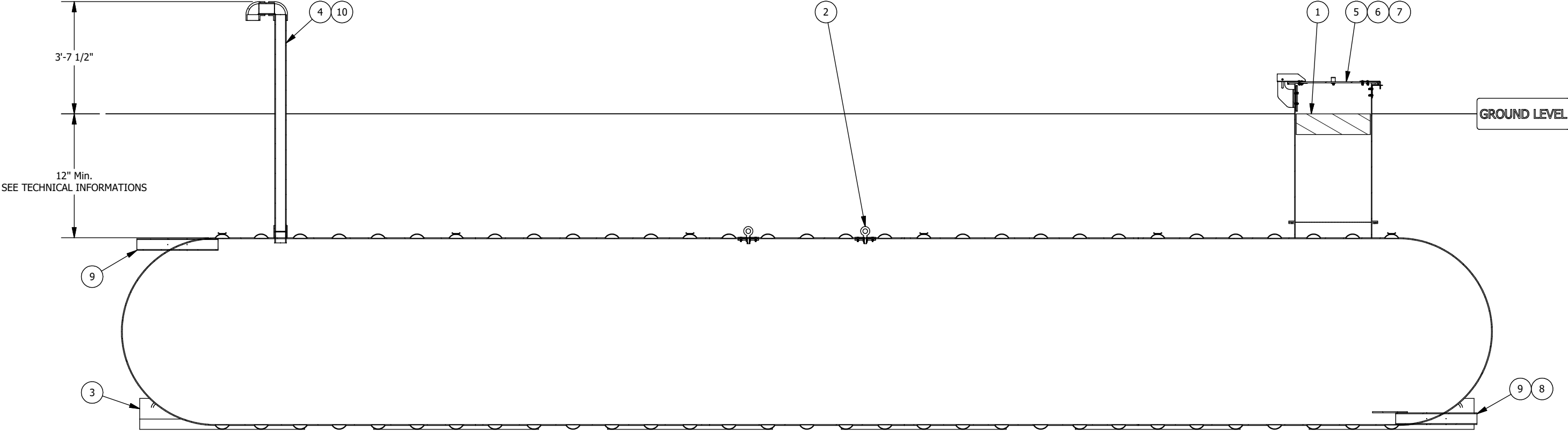
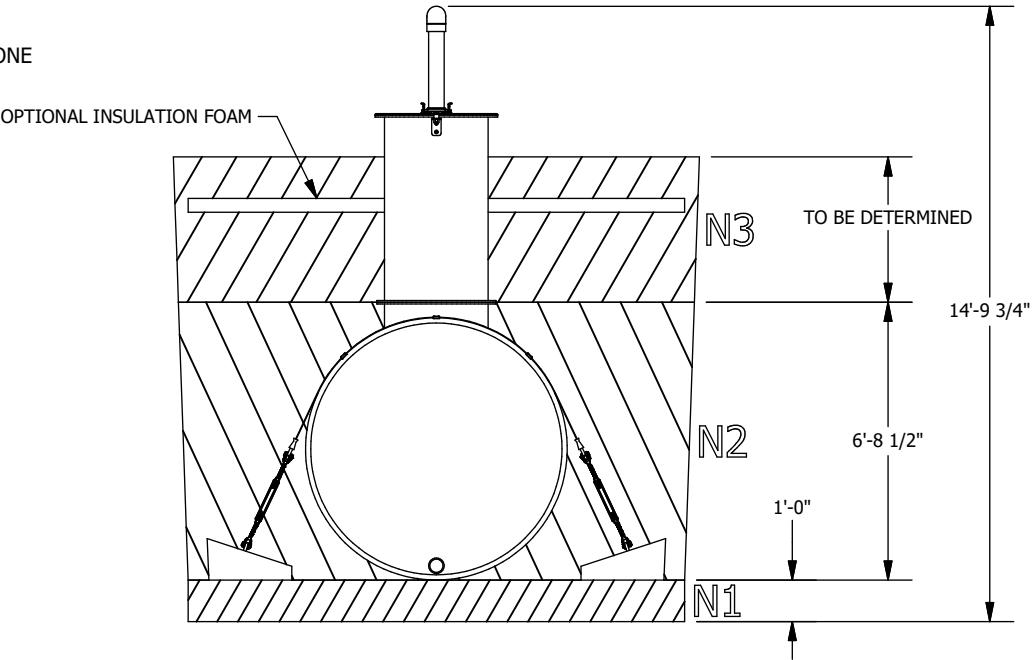


NOTES:
 - GENERIC DRAWING FOR REFERENCE ONLY
 - SHOP DRAWING AVAILABLE ON REQUEST

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TOLERANCES (LINEAR)		 GRANBY COMPOSITES		Revision description		
FEET DIM. -> ±1% 0.0 -> ±0.5"				Format B		Part no. NN06310338EU
TOLERANCES (ANGULAR)		Drawn by O. Marin		20/12/2023		Title 6' Dia. TANK - 8941 US gal
0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG.		Approved by :				
Weight : 3492 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	ADP0000001	2	LIFTING LUG	
3	ENSCOUR6	6	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

SECTION ELEVATION VIEW

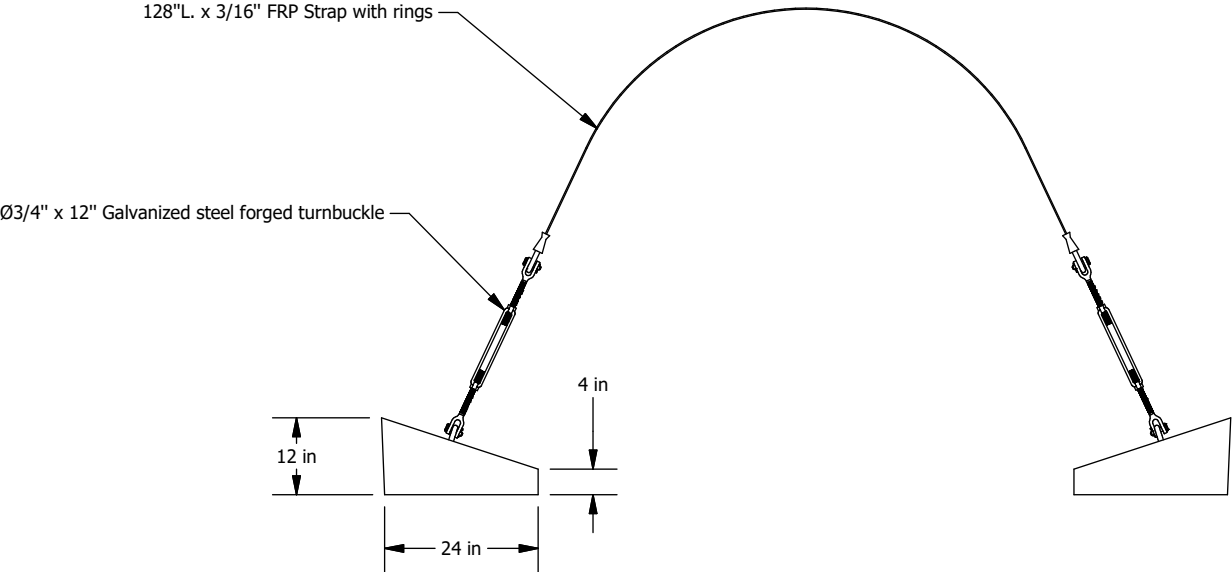
Technical informations

- Burrial depth: According to the geotechnical installation conditions
- Inside Diameter : 72"
- (If required) Quantity of fiberglass anchoring straps : 6
- (If required) Quantity of reinforced concrete deadman anchors : 12
- 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.

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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. NN06310338EU
TOLERANCES (ANGULAR) 0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG. 0.00 -> ± 0.1 DEG.		Drawn by O. Marin		20/12/2023	
Weight : 3492 Lb		Approved by :		Title	
Client		# Project		6' Dia. TANK - 8941 US gal	
				Sheet 2 / 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)				Revision description		
FEET DIM. -> ± 1% 0.0 -> ± 0.5"				Format	Part no.	REV
0.00 -> ± 0.25" 0.000 -> ± 0.125"				B	ENSCOUR6	A.
TOLERANCES (ANGULAR)		Drawn by		Title		
0 -> ± 2 DEG.		O. Marin		ANCHORING KIT		
0.0 -> ± 0.5 DEG.		Approved by :				
Weight :						
Client		# Projet		Sheet		
				4 / 4		



CAPACITY CHART FOR NN06310338 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	339	12	950	18	1715	24	2582	30	3511	36	4471	42	5430	48	6360	54	7226	60	7991
1/8	2	6 1/8	350	12 1/8	964	18 1/8	1732	24 1/8	2600	30 1/8	3531	36 1/8	4491	42 1/8	5450	48 1/8	6378	54 1/8	7243	60 1/8	8006
1/4	3	6 1/4	361	12 1/4	979	18 1/4	1749	24 1/4	2619	30 1/4	3551	36 1/4	4511	42 1/4	5470	48 1/4	6397	54 1/4	7260	60 1/4	8020
3/8	6	6 3/8	371	12 3/8	994	18 3/8	1767	24 3/8	2638	30 3/8	3570	36 3/8	4531	42 3/8	5489	48 3/8	6416	54 3/8	7277	60 3/8	8035
1/2	9	6 1/2	382	12 1/2	1009	18 1/2	1784	24 1/2	2657	30 1/2	3590	36 1/2	4551	42 1/2	5509	48 1/2	6435	54 1/2	7294	60 1/2	8049
5/8	12	6 5/8	393	12 5/8	1023	18 5/8	1801	24 5/8	2676	30 5/8	3610	36 5/8	4571	42 5/8	5529	48 5/8	6453	54 5/8	7311	60 5/8	8063
3/4	15	6 3/4	405	12 3/4	1038	18 3/4	1819	24 3/4	2695	30 3/4	3630	36 3/4	4591	42 3/4	5549	48 3/4	6472	54 3/4	7328	60 3/4	8077
7/8	19	6 7/8	416	12 7/8	1053	18 7/8	1836	24 7/8	2714	30 7/8	3650	36 7/8	4611	42 7/8	5568	48 7/8	6491	54 7/8	7345	60 7/8	8092
1	23	7	427	13	1068	19	1854	25	2733	31	3670	37	4631	43	5588	49	6509	55	7362	61	8106
1 1/8	28	7 1/8	439	13 1/8	1084	19 1/8	1871	25 1/8	2752	31 1/8	3690	37 1/8	4651	43 1/8	5608	49 1/8	6528	55 1/8	7379	61 1/8	8120
1 1/4	33	7 1/4	450	13 1/4	1099	19 1/4	1889	25 1/4	2771	31 1/4	3709	37 1/4	4671	43 1/4	5627	49 1/4	6546	55 1/4	7395	61 1/4	8133
1 3/8	37	7 3/8	462	13 3/8	1114	19 3/8	1906	25 3/8	2790	31 3/8	3729	37 3/8	4692	43 3/8	5647	49 3/8	6565	55 3/8	7412	61 3/8	8147
1 1/2	43	7 1/2	473	13 1/2	1129	19 1/2	1924	25 1/2	2809	31 1/2	3749	37 1/2	4712	43 1/2	5667	49 1/2	6583	55 1/2	7429	61 1/2	8161
1 5/8	48	7 5/8	485	13 5/8	1145	19 5/8	1942	25 5/8	2829	31 5/8	3769	37 5/8	4732	43 5/8	5686	49 5/8	6602	55 5/8	7445	61 5/8	8175
1 3/4	54	7 3/4	497	13 3/4	1160	19 3/4	1959	25 3/4	2848	31 3/4	3789	37 3/4	4752	43 3/4	5706	49 3/4	6620	55 3/4	7462	61 3/4	8188
1 7/8	59	7 7/8	509	13 7/8	1175	19 7/8	1977	25 7/8	2867	31 7/8	3809	37 7/8	4772	43 7/8	5725	49 7/8	6639	55 7/8	7478	61 7/8	8202
2	66	8	521	14	1191	20	1995	26	2886	32	3829	38	4792	44	5745	50	6657	56	7495	62	8215
2 1/8	72	8 1/8	533	14 1/8	1206	20 1/8	2013	26 1/8	2905	32 1/8	3849	38 1/8	4812	44 1/8	5764	50 1/8	6675	56 1/8	7511	62 1/8	8229
2 1/4	78	8 1/4	546	14 1/4	1222	20 1/4	2030	26 1/4	2925	32 1/4	3869	38 1/4	4832	44 1/4	5784	50 1/4	6694	56 1/4	7527	62 1/4	8242
2 3/8	85	8 3/8	558	14 3/8	1238	20 3/8	2048	26 3/8	2944	32 3/8	3889	38 3/8	4852	44 3/8	5803	50 3/8	6712	56 3/8	7544	62 3/8	8255
2 1/2	91	8 1/2	570	14 1/2	1254	20 1/2	2066	26 1/2	2963	32 1/2	3909	38 1/2	4872	44 1/2	5823	50 1/2	6730	56 1/2	7560	62 1/2	8269
2 5/8	98	8 5/8	583	14 5/8	1269	20 5/8	2084	26 5/8	2983	32 5/8	3929	38 5/8	4892	44 5/8	5842	50 5/8	6748	56 5/8	7576	62 5/8	8282
2 3/4	105	8 3/4	595	14 3/4	1285	20 3/4	2102	26 3/4	3002	32 3/4	3949	38 3/4	4912	44 3/4	5862	50 3/4	6767	56 3/4	7592	62 3/4	8295
2 7/8	113	8 7/8	608	14 7/8	1301	20 7/8	2120	26 7/8	3021	32 7/8	3969	38 7/8	4932	44 7/8	5881	50 7/8	6785	56 7/8	7608	62 7/8	8308
3	120	9	621	15	1317	21	2138	27	3041	33	3989	39	4952	45	5901	51	6803	57	7624	63	8320
3 1/8	128	9 1/8	634	15 1/8	1333	21 1/8	2156	27 1/8	3060	33 1/8	4009	39 1/8	4972	45 1/8	5920	51 1/8	6821	57 1/8	7640	63 1/8	8333
3 1/4	135	9 1/4	647	15 1/4	1349	21 1/4	2175	27 1/4	3079	33 1/4	4029	39 1/4	4992	45 1/4	5939	51 1/4	6839	57 1/4	7656	63 1/4	8346
3 3/8	143	9 3/8	660	15 3/8	1365	21 3/8	2193	27 3/8	3099	33 3/8	4049	39 3/8	5012	45 3/8	5959	51 3/8	6857	57 3/8	7672	63 3/8	8358
3 1/2	151	9 1/2	673	15 1/2	1381	21 1/2	2211	27 1/2	3118	33 1/2	4069	39 1/2	5032	45 1/2	5978	51 1/2	6875	57 1/2	7688	63 1/2	8371
3 5/8	160	9 5/8	686	15 5/8	1398	21 5/8	2229	27 5/8	3138	33 5/8	4089	39 5/8	5052	45 5/8	5997	51 5/8	6893	57 5/8	7703	63 5/8	8383
3 3/4	168	9 3/4	699	15 3/4	1414	21 3/4	2247	27 3/4	3157	33 3/4	4109	39 3/4	5072	45 3/4	6017	51 3/4	6911	57 3/4	7719	63 3/4	8396
3 7/8	176	9 7/8	712	15 7/8	1430	21 7/8	2266	27 7/8	3177	33 7/8	4129	39 7/8	5092	45 7/8	6036	51 7/8	6929	57 7/8	7735	63 7/8	8408
4	185	10	726	16	1447	22	2284	28	3196	34	4149	40	5112	46	6055	52	6946	58	7750	64	8420
4 1/8	194	10 1/8	739	16 1/8	1463	22 1/8	2302	28 1/8	3216	34 1/8	4169	40 1/8	5132	46 1/8	6074	52 1/8	6964	58 1/8	7766	64 1/8	8432
4 1/4	203	10 1/4	753	16 1/4	1479	22 1/4	2321	28 1/4	3235	34 1/4	4189	40 1/4	5152	46 1/4	6093	52 1/4	6982	58 1/4	7781	64 1/4	8444
4 3/8	212	10 3/8	766	16 3/8	1496	22 3/8	2339	28 3/8	3255	34 3/8	4209	40 3/8	5172	46 3/8	6113	52 3/8	7000	58 3/8	7797	64 3/8	8456
4 1/2	221	10 1/2	780	16 1/2	1513	22 1/2	2358	28 1/2	3275	34 1/2	4230	40 1/2	5192	46 1/2	6132	52 1/2	7017	58 1/2	7812	64 1/2	8468
4 5/8	230	10 5/8	794	16 5/8	1529	22 5/8	2376	28 5/8	3294	34 5/8	4250	40 5/8	5212	46 5/8	6151	52 5/8	7035	58 5/8	7827	64 5/8	8479
4 3/4	239	10 3/4	808	16 3/4	1546	22 3/4	2395	28 3/4	3314	34 3/4	4270	40 3/4	5232	46 3/4	6170	52 3/4	7052	58 3/4	7842	64 3/4	8491
4 7/8	249	10 7/8	822	16 7/8	1563	22 7/8	2413	28 7/8	3333	34 7/8	4290	40 7/8	5252	46 7/8	6189	52 7/8	7070	58 7/8	7858	64 7/8	8503
5	258	11	836	17	1579	23	2432	29	3353	35	4310	41	5272	47	6208	53	7088	59	7873	65	8514
5 1/8	268	11 1/8	850	17 1/8	1596	23 1/8	2451	29 1/8	3373	35 1/8	4330	41 1/8	5291	47 1/8	6227	53 1/8	7105	59 1/8	7888	65 1/8	8525
5 1/4	278	11 1/4	864	17 1/4	1613	23 1/4	2469	29 1/4	3393	35 1/4	4350	41 1/4	5311	47 1/4	6246	53 1/4	7122	59 1/4	7903	65 1/4	8537
5 3/8	288	11 3/8	878	17 3/8	1630	23 3/8	2488	29 3/8	3412	35 3/8	4370	41 3/8	5331	47 3/8	6265	53 3/8	7140	59 3/8	7918	65 3/8	8548
5 1/2	298	11 1/2	892	17 1/2	1647	23 1/2	2507	29 1/2	3432	35 1/2	4390	41 1/2	5351	47 1/2	6284	53 1/2	7157	59 1/2	7933	65 1/2	8559
5 5/8	308	11 5/8	907	17 5/8	1664	23 5/8	2525	29 5/8	3452	35 5/8	4410	41 5/8	5371	47 5/8	6303	53 5/8	7174	59 5/8	7947	65 5/8	8570
5 3/4	318	11 3/4	921	17 3/4	1681	23 3/4	2544	29 3/4	3471	35 3/4	4430	41 3/4	5391	47 3/4	6322	53 3/4	7192	59 3/4	7962	65 3/4	8581
5 7/8	329	11 7/8	935	17 7/8	1698	23 7/8	2563	29 7/8	3491	35 7/8	4450	41 7/8	5410	47 7/8	6341	53 7/8	7209	59 7/8	7977	65 7/8	8591

** PRECISION IS ABOUT +/- 1%



CAPACITY CHART FOR NN06310338 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	8602	67	8683	68	8756	69	8821	70	8876	71	8918										
66 1/8	8612	67 1/8	8692	68 1/8	8765	69 1/8	8828	70 1/8	8882	71 1/8	8922										
66 1/4	8623	67 1/4	8702	68 1/4	8773	69 1/4	8836	70 1/4	8887	71 1/4	8926										
66 3/8	8633	67 3/8	8711	68 3/8	8782	69 3/8	8843	70 3/8	8893	71 3/8	8929										
66 1/2	8643	67 1/2	8721	68 1/2	8790	69 1/2	8850	70 1/2	8899	71 1/2	8933										
66 5/8	8653	67 5/8	8730	68 5/8	8798	69 5/8	8856	70 5/8	8904	71 5/8	8935										
66 3/4	8663	67 3/4	8739	68 3/4	8806	69 3/4	8863	70 3/4	8909	71 3/4	8938										
66 7/8	8673	67 7/8	8747	68 7/8	8813	69 7/8	8869	70 7/8	8913	71 7/8	8940										

** PRECISION IS ABOUT +/- 1%