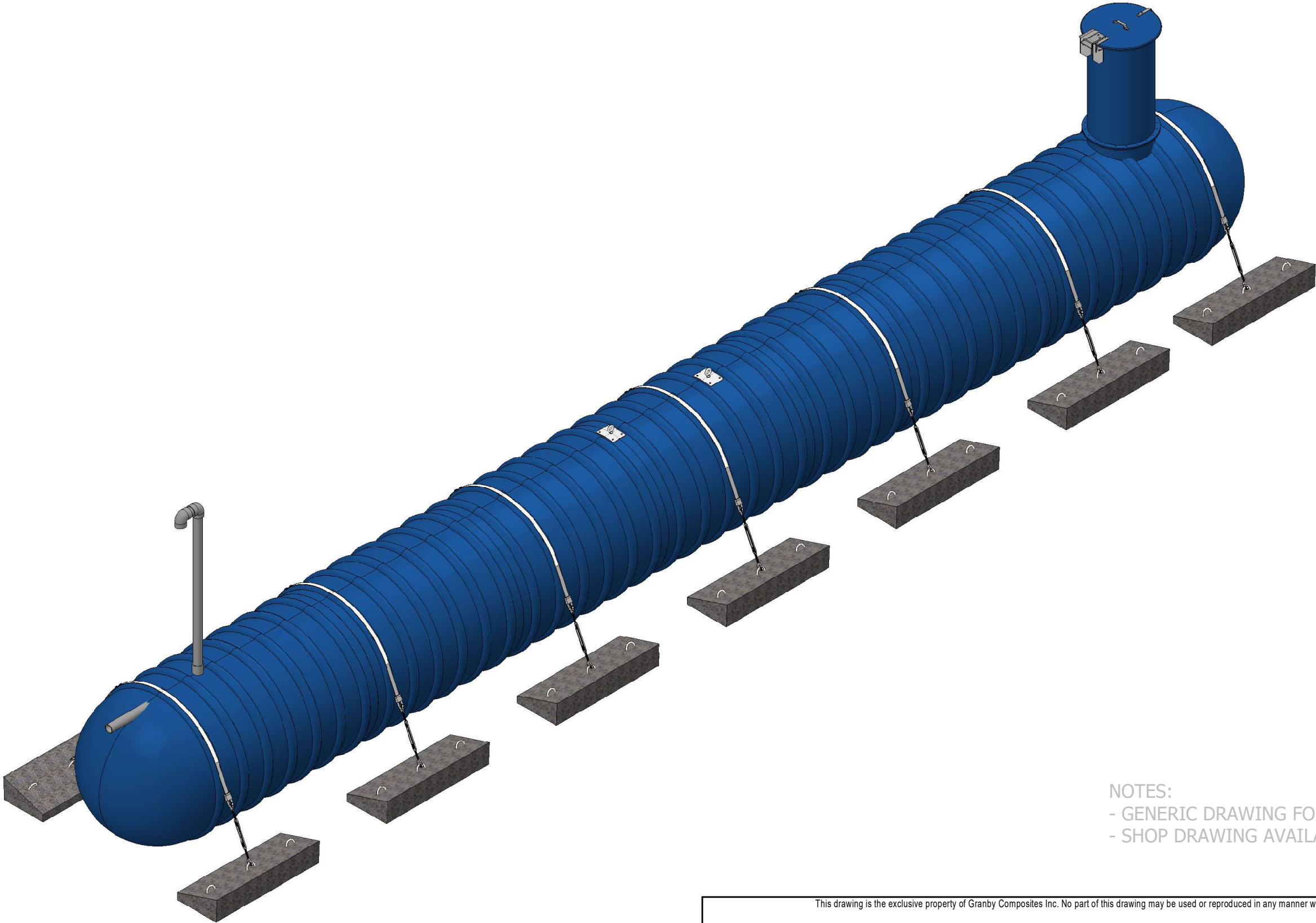


NN06420451EP

FIBERGLASS TANK



NOTES:
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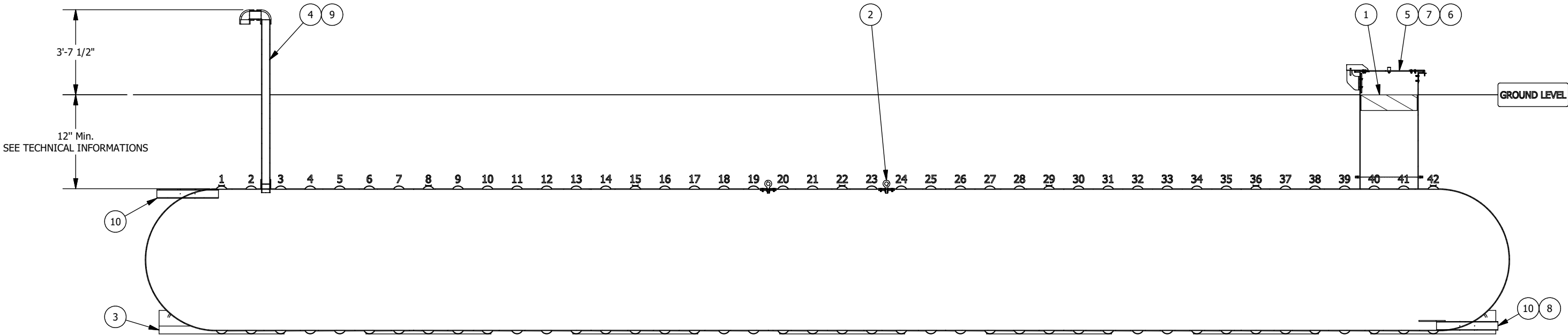
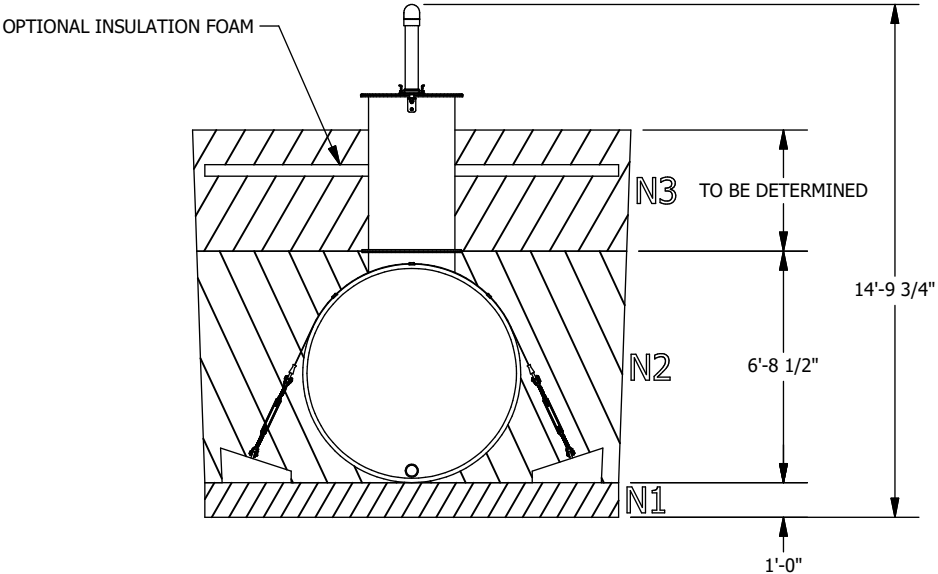
2019

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. NN06420451EP	REV 02.
TOLERANCES (ANGULAR) 0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG.		Drawn by O. Marin	19/12/2023		Title 6' Dia. TANK - 11873 US gal
Weight : 4512 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	ADP0000001	2	LIFTING LUG	
3	ENSCOUR6	7	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 (36"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

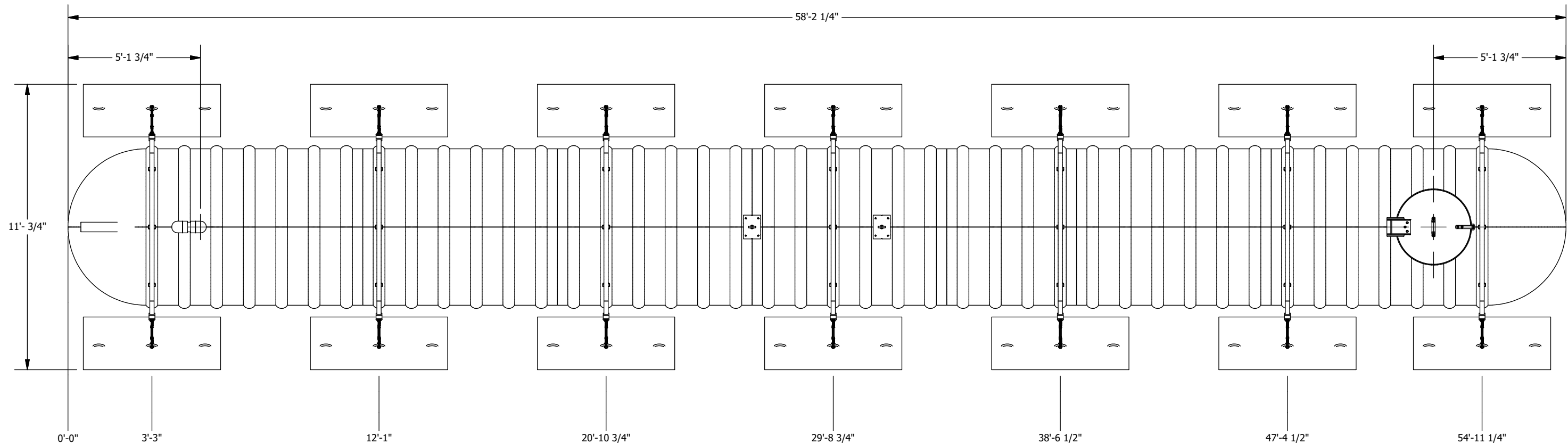
Technical informations

- Burrial depth: According to the geotechnical installation conditions
- Inside Diameter : 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
- 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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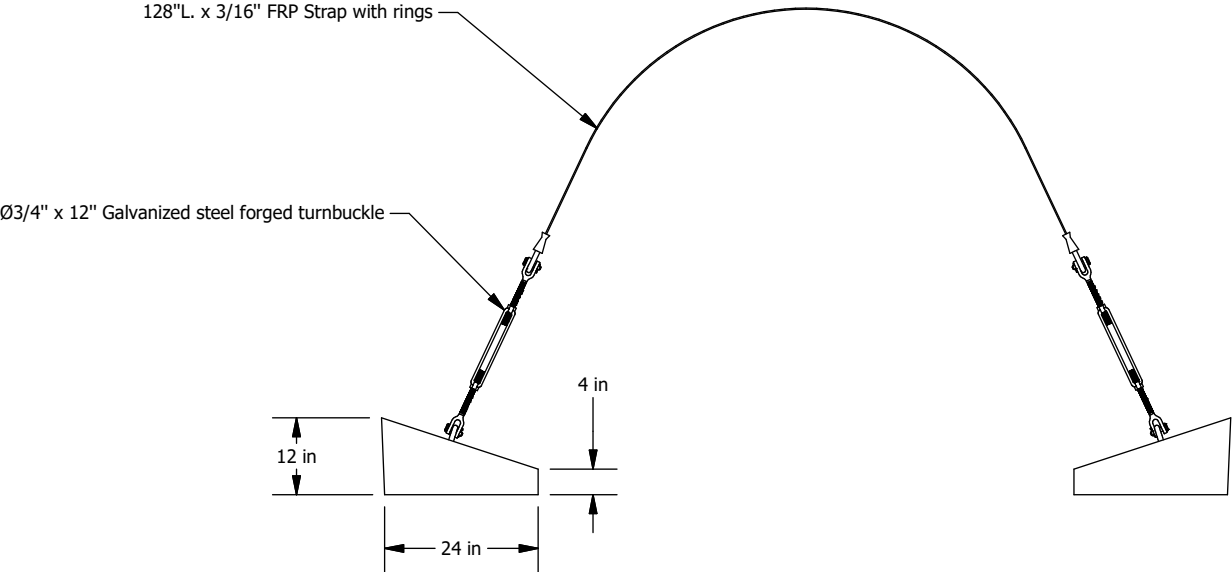
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TOLERANCES (LINEAR)						Revision description				
FEET DIM. -> ± 1%						Format		Part no.		REV
0.0 -> ± 0.5"						B		NN06420451EP		02.
TOLERANCES (ANGULAR)			Drawn by			19/12/2023				
0 -> ± 2 DEG.			O. Marin							
0.0 -> ± 0.5 DEG.			Approved by :							
Weight :						Title				
4512 Lb						6' Dia. TANK - 11873 US gal				
Client		# Project			Sheet		2 / 4			



PLAN VIEW

NOTES:
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TOLERANCES (LINEAR) FEET DIM. -> ± 1% 0.0 -> ± 0.5" 0.00 -> ± 0.25" 0.000 -> ± 0.125"			GRANBY COMPOSITES Drawn by O. Marin Approved by :			Revision description				
						Format B	Part no. NN06420451EP		REV 02.	
TOLERANCES (ANGULAR) 0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG. 0.00 -> ± 0.1 DEG.			Title			6' Dia. TANK - 11873 US gal				
Weight : 4512 Lb										
Client		# 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)						Revision description				
FEET DIM. -> ± 1% 0.0 -> ± 0.5"						0.00 -> ± 0.25" 0.000 -> ± 0.125"				
TOLERANCES (ANGULAR)			Drawn by			Format		Part no.		REV
0 -> ± 2 DEG.			O. Marin			B		ENSCOUR6		A.
0.0 -> ± 0.5 DEG.			04/10/2018			Title				
Weight :			Approved by :			ANCHORING KIT				
Client		# Projet			Sheet					
					4 / 4					



CAPACITY CHART FOR NN06420451 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	456	12	1271	18	2288	24	3437	30	4668	36	5937	42	7206	48	8436	54	9585	60	10602
1/8	2	6 1/8	470	12 1/8	1291	18 1/8	2311	24 1/8	3462	30 1/8	4694	36 1/8	5963	42 1/8	7232	48 1/8	8461	54 1/8	9608	60 1/8	10622
1/4	4	6 1/4	485	12 1/4	1310	18 1/4	2334	24 1/4	3487	30 1/4	4720	36 1/4	5990	42 1/4	7258	48 1/4	8486	54 1/4	9631	60 1/4	10641
3/8	8	6 3/8	499	12 3/8	1330	18 3/8	2357	24 3/8	3512	30 3/8	4746	36 3/8	6017	42 3/8	7285	48 3/8	8511	54 3/8	9653	60 3/8	10660
1/2	11	6 1/2	514	12 1/2	1349	18 1/2	2380	24 1/2	3537	30 1/2	4772	36 1/2	6043	42 1/2	7311	48 1/2	8536	54 1/2	9676	60 1/2	10679
5/8	16	6 5/8	528	12 5/8	1369	18 5/8	2403	24 5/8	3562	30 5/8	4799	36 5/8	6070	42 5/8	7337	48 5/8	8561	54 5/8	9698	60 5/8	10698
3/4	21	6 3/4	543	12 3/4	1389	18 3/4	2426	24 3/4	3588	30 3/4	4825	36 3/4	6096	42 3/4	7363	48 3/4	8585	54 3/4	9721	60 3/4	10717
7/8	26	6 7/8	558	12 7/8	1409	18 7/8	2449	24 7/8	3613	30 7/8	4851	36 7/8	6123	42 7/8	7389	48 7/8	8610	54 7/8	9743	60 7/8	10736
1	31	7	574	13	1429	19	2472	25	3638	31	4877	37	6149	43	7415	49	8635	55	9765	61	10755
1 1/8	38	7 1/8	589	13 1/8	1449	19 1/8	2495	25 1/8	3663	31 1/8	4904	37 1/8	6176	43 1/8	7441	49 1/8	8659	55 1/8	9788	61 1/8	10773
1 1/4	44	7 1/4	604	13 1/4	1469	19 1/4	2519	25 1/4	3688	31 1/4	4930	37 1/4	6203	43 1/4	7467	49 1/4	8684	55 1/4	9810	61 1/4	10792
1 3/8	51	7 3/8	620	13 3/8	1489	19 3/8	2542	25 3/8	3714	31 3/8	4956	37 3/8	6229	43 3/8	7493	49 3/8	8708	55 3/8	9832	61 3/8	10810
1 1/2	58	7 1/2	635	13 1/2	1510	19 1/2	2565	25 1/2	3739	31 1/2	4983	37 1/2	6256	43 1/2	7519	49 1/2	8733	55 1/2	9854	61 1/2	10829
1 5/8	65	7 5/8	651	13 5/8	1530	19 5/8	2589	25 5/8	3764	31 5/8	5009	37 5/8	6282	43 5/8	7545	49 5/8	8757	55 5/8	9876	61 5/8	10847
1 3/4	72	7 3/4	667	13 3/4	1551	19 3/4	2612	25 3/4	3790	31 3/4	5035	37 3/4	6309	43 3/4	7571	49 3/4	8782	55 3/4	9898	61 3/4	10865
1 7/8	80	7 7/8	683	13 7/8	1571	19 7/8	2636	25 7/8	3815	31 7/8	5062	37 7/8	6335	43 7/8	7597	49 7/8	8806	55 7/8	9920	61 7/8	10883
2	88	8	699	14	1592	20	2659	26	3841	32	5088	38	6362	44	7622	50	8831	56	9942	62	10901
2 1/8	97	8 1/8	715	14 1/8	1613	20 1/8	2683	26 1/8	3866	32 1/8	5115	38 1/8	6388	44 1/8	7648	50 1/8	8855	56 1/8	9964	62 1/8	10919
2 1/4	105	8 1/4	732	14 1/4	1633	20 1/4	2707	26 1/4	3891	32 1/4	5141	38 1/4	6415	44 1/4	7674	50 1/4	8879	56 1/4	9985	62 1/4	10937
2 3/8	114	8 3/8	748	14 3/8	1654	20 3/8	2730	26 3/8	3917	32 3/8	5167	38 3/8	6441	44 3/8	7700	50 3/8	8903	56 3/8	10007	62 3/8	10954
2 1/2	123	8 1/2	765	14 1/2	1675	20 1/2	2754	26 1/2	3943	32 1/2	5194	38 1/2	6468	44 1/2	7726	50 1/2	8928	56 1/2	10028	62 1/2	10972
2 5/8	133	8 5/8	782	14 5/8	1696	20 5/8	2778	26 5/8	3968	32 5/8	5220	38 5/8	6494	44 5/8	7751	50 5/8	8952	56 5/8	10050	62 5/8	10989
2 3/4	142	8 3/4	798	14 3/4	1717	20 3/4	2802	26 3/4	3994	32 3/4	5247	38 3/4	6521	44 3/4	7777	50 3/4	8976	56 3/4	10071	62 3/4	11007
2 7/8	152	8 7/8	815	14 7/8	1738	20 7/8	2826	26 7/8	4019	32 7/8	5273	38 7/8	6547	44 7/8	7803	50 7/8	9000	56 7/8	10093	62 7/8	11024
3	162	9	832	15	1760	21	2850	27	4045	33	5300	39	6574	45	7829	51	9024	57	10114	63	11041
3 1/8	172	9 1/8	850	15 1/8	1781	21 1/8	2874	27 1/8	4071	33 1/8	5326	39 1/8	6600	45 1/8	7854	51 1/8	9048	57 1/8	10135	63 1/8	11058
3 1/4	183	9 1/4	867	15 1/4	1802	21 1/4	2898	27 1/4	4096	33 1/4	5353	39 1/4	6627	45 1/4	7880	51 1/4	9072	57 1/4	10156	63 1/4	11075
3 3/8	193	9 3/8	884	15 3/8	1824	21 3/8	2922	27 3/8	4122	33 3/8	5379	39 3/8	6653	45 3/8	7905	51 3/8	9096	57 3/8	10177	63 3/8	11092
3 1/2	204	9 1/2	902	15 1/2	1845	21 1/2	2946	27 1/2	4148	33 1/2	5406	39 1/2	6680	45 1/2	7931	51 1/2	9119	57 1/2	10198	63 1/2	11109
3 5/8	215	9 5/8	919	15 5/8	1867	21 5/8	2970	27 5/8	4174	33 5/8	5432	39 5/8	6706	45 5/8	7957	51 5/8	9143	57 5/8	10219	63 5/8	11125
3 3/4	226	9 3/4	937	15 3/4	1888	21 3/4	2994	27 3/4	4199	33 3/4	5459	39 3/4	6733	45 3/4	7982	51 3/4	9167	57 3/4	10240	63 3/4	11142
3 7/8	237	9 7/8	955	15 7/8	1910	21 7/8	3019	27 7/8	4225	33 7/8	5485	39 7/8	6759	45 7/8	8008	51 7/8	9191	57 7/8	10261	63 7/8	11158
4	249	10	972	16	1932	22	3043	28	4251	34	5512	40	6785	46	8033	52	9214	58	10282	64	11174
4 1/8	261	10 1/8	990	16 1/8	1954	22 1/8	3067	28 1/8	4277	34 1/8	5538	40 1/8	6812	46 1/8	8059	52 1/8	9238	58 1/8	10302	64 1/8	11191
4 1/4	273	10 1/4	1008	16 1/4	1976	22 1/4	3092	28 1/4	4303	34 1/4	5565	40 1/4	6838	46 1/4	8084	52 1/4	9261	58 1/4	10323	64 1/4	11207
4 3/8	285	10 3/8	1027	16 3/8	1997	22 3/8	3116	28 3/8	4329	34 3/8	5591	40 3/8	6865	46 3/8	8109	52 3/8	9285	58 3/8	10343	64 3/8	11222
4 1/2	297	10 1/2	1045	16 1/2	2019	22 1/2	3141	28 1/2	4355	34 1/2	5618	40 1/2	6891	46 1/2	8135	52 1/2	9308	58 1/2	10364	64 1/2	11238
4 5/8	309	10 5/8	1063	16 5/8	2042	22 5/8	3165	28 5/8	4381	34 5/8	5645	40 5/8	6917	46 5/8	8160	52 5/8	9332	58 5/8	10384	64 5/8	11254
4 3/4	322	10 3/4	1082	16 3/4	2064	22 3/4	3190	28 3/4	4407	34 3/4	5671	40 3/4	6944	46 3/4	8185	52 3/4	9355	58 3/4	10404	64 3/4	11269
4 7/8	335	10 7/8	1100	16 7/8	2086	22 7/8	3214	28 7/8	4433	34 7/8	5698	40 7/8	6970	46 7/8	8210	52 7/8	9378	58 7/8	10425	64 7/8	11285
5	348	11	1119	17	2108	23	3239	29	4459	35	5724	41	6996	47	8236	53	9401	59	10445	65	11300
5 1/8	361	11 1/8	1138	17 1/8	2130	23 1/8	3264	29 1/8	4485	35 1/8	5751	41 1/8	7022	47 1/8	8261	53 1/8	9425	59 1/8	10465	65 1/8	11315
5 1/4	374	11 1/4	1156	17 1/4	2153	23 1/4	3288	29 1/4	4511	35 1/4	5777	41 1/4	7049	47 1/4	8286	53 1/4	9448	59 1/4	10485	65 1/4	11330
5 3/8	387	11 3/8	1175	17 3/8	2175	23 3/8	3313	29 3/8	4537	35 3/8	5804	41 3/8	7075	47 3/8	8311	53 3/8	9471	59 3/8	10504	65 3/8	11345
5 1/2	401	11 1/2	1194	17 1/2	2198	23 1/2	3338	29 1/2	4563	35 1/2	5831	41 1/2	7101	47 1/2	8336	53 1/2	9494	59 1/2	10524	65 1/2	11360
5 5/8	414	11 5/8	1213	17 5/8	2220	23 5/8	3363	29 5/8	4589	35 5/8	5857	41 5/8	7127	47 5/8	8361	53 5/8	9517	59 5/8	10544	65 5/8	11375
5 3/4	428	11 3/4	1233	17 3/4	2243	23 3/4	3387	29 3/4	4615	35 3/4	5884	41 3/4	7154	47 3/4	8386	53 3/4	9540	59 3/4	10564	65 3/4	11389
5 7/8	442	11 7/8	1252	17 7/8	2266	23 7/8	3412	29 7/8	4641	35 7/8	5910	41 7/8	7180	47 7/8	8411	53 7/8	9562	59 7/8	10583	65 7/8	11403

** PRECISION IS ABOUT +/- 1%



CAPACITY CHART FOR NN06420451 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	11418	67	11526	68	11625	69	11712	70	11785	71	11842										
66 1/8	11432	67 1/8	11539	68 1/8	11636	69 1/8	11722	70 1/8	11793	71 1/8	11848										
66 1/4	11446	67 1/4	11552	68 1/4	11647	69 1/4	11731	70 1/4	11801	71 1/4	11853										
66 3/8	11459	67 3/8	11564	68 3/8	11659	69 3/8	11741	70 3/8	11809	71 3/8	11858										
66 1/2	11473	67 1/2	11577	68 1/2	11670	69 1/2	11750	70 1/2	11816	71 1/2	11862										
66 5/8	11487	67 5/8	11589	68 5/8	11680	69 5/8	11759	70 5/8	11823	71 5/8	11866										
66 3/4	11500	67 3/4	11601	68 3/4	11691	69 3/4	11768	70 3/4	11830	71 3/4	11869										
66 7/8	11513	67 7/8	11613	68 7/8	11701	69 7/8	11777	70 7/8	11836	71 7/8	11872										

** PRECISION IS ABOUT +/- 1%