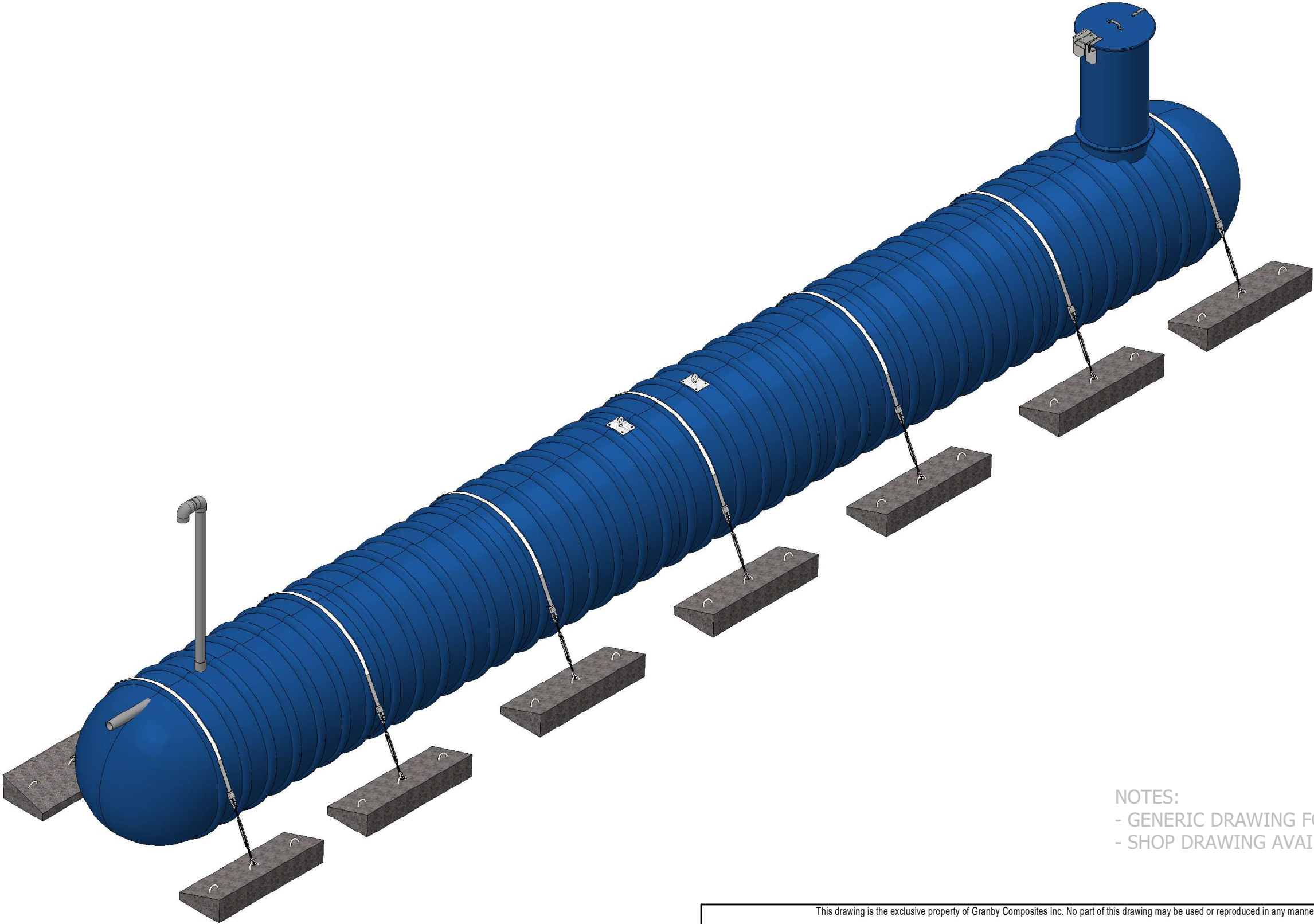


NN06410439EP

FIBERGLASS TANK



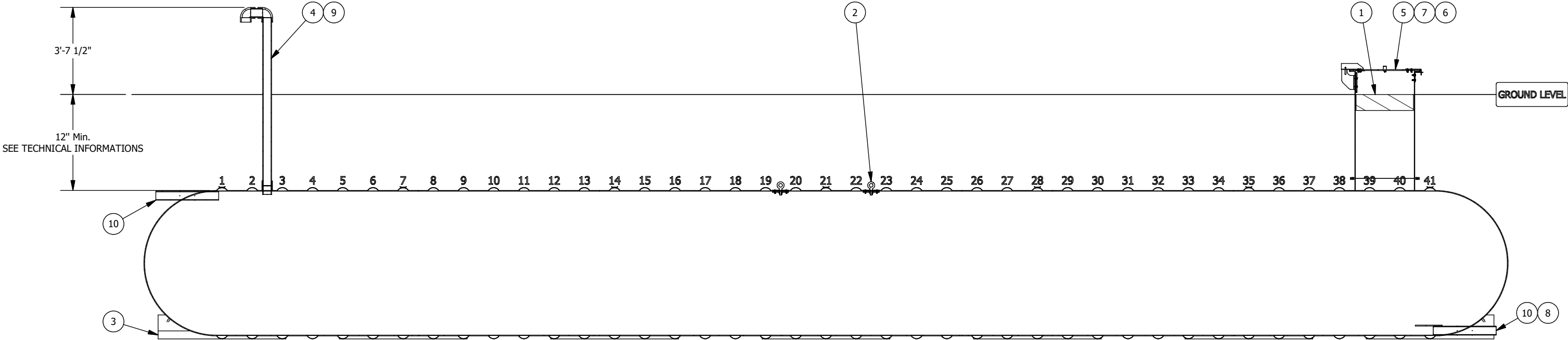
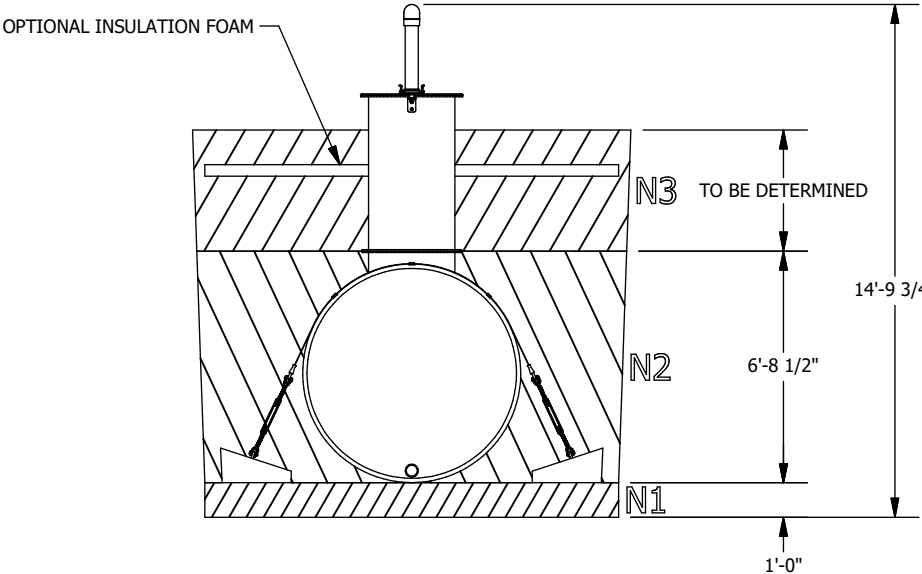
NOTES:
 - GENERIC DRAWING FOR REFERENCE ONLY
 - SHOP DRAWING AVAILABLE ON REQUEST

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TOLERANCES (LINEAR) FEET DIM. -> ± 1% 0.0 -> ± 0.5"			GRANBY COMPOSITES		Revision description
TOLERANCES (ANGULAR) 0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG.			Drawn by O. Marin		Format B
Weight : 4420 Lb			Approved by :		Part no. NN06410439EP
Client			# Projet		REV 02.
			Sheet		Title 6' Dia. TANK - 11607 US gal
			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

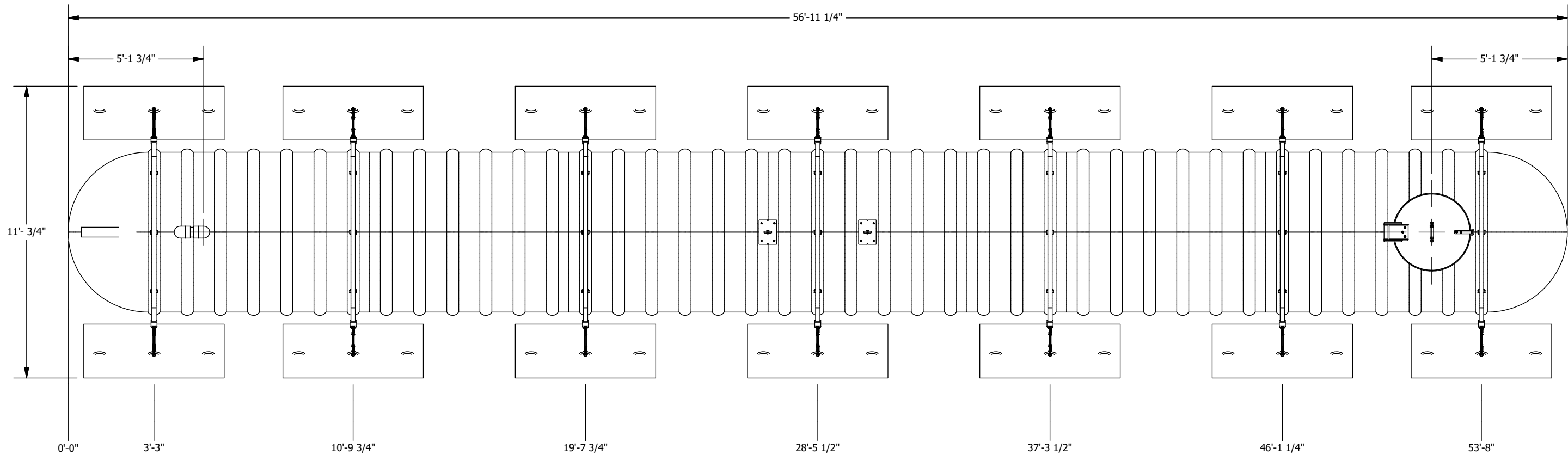
Technical informations

- 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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TOLERANCES (LINEAR)			 GRANBY COMPOSITES			Revision description				
FEET DIM. -> ± 1% 0.0 -> ± 0.5"						Format B Part no. NN06410439EP REV 02.				
TOLERANCES (ANGULAR)			Drawn by O. Marin			19/12/2023			Title 6' Dia. TANK - 11607 US gal	
0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG.			Approved by :							
Weight : 4420 Lb										
Client		# Project			Sheet 2 / 4					



PLAN VIEW

NOTES:
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TOLERANCES (LINEAR) FEET DIM. -> ± 1% 0.0 -> ± 0.5"		 GRANBY COMPOSITES		Revision description	
				Format B	Part no. NN06410439EP
TOLERANCES (ANGULAR) 0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG.		Drawn by O. Marin		19/12/2023	
		Approved by :			
Weight : 4420 Lb				Title 6' Dia. TANK - 11607 US gal	
Client	# Projet		Sheet 3 / 4		REV 02 .



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



CAPACITY CHART FOR NN06410439 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	445	12	1242	18	2236	24	3360	30	4562	36	5804	42	7045	48	8248	54	9371	60	10365
1/8	2	6 1/8	459	12 1/8	1261	18 1/8	2259	24 1/8	3384	30 1/8	4588	36 1/8	5830	42 1/8	7070	48 1/8	8272	54 1/8	9393	60 1/8	10384
1/4	4	6 1/4	473	12 1/4	1280	18 1/4	2281	24 1/4	3408	30 1/4	4614	36 1/4	5855	42 1/4	7096	48 1/4	8296	54 1/4	9415	60 1/4	10403
3/8	7	6 3/8	487	12 3/8	1299	18 3/8	2303	24 3/8	3433	30 3/8	4639	36 3/8	5881	42 3/8	7121	48 3/8	8321	54 3/8	9437	60 3/8	10422
1/2	11	6 1/2	502	12 1/2	1318	18 1/2	2326	24 1/2	3457	30 1/2	4665	36 1/2	5907	42 1/2	7147	48 1/2	8345	54 1/2	9459	60 1/2	10440
5/8	15	6 5/8	516	12 5/8	1338	18 5/8	2348	24 5/8	3482	30 5/8	4691	36 5/8	5933	42 5/8	7172	48 5/8	8369	54 5/8	9481	60 5/8	10459
3/4	20	6 3/4	531	12 3/4	1357	18 3/4	2371	24 3/4	3506	30 3/4	4716	36 3/4	5959	42 3/4	7198	48 3/4	8393	54 3/4	9503	60 3/4	10477
7/8	25	6 7/8	545	12 7/8	1377	18 7/8	2393	24 7/8	3531	30 7/8	4742	36 7/8	5985	42 7/8	7223	48 7/8	8417	54 7/8	9525	60 7/8	10496
1	31	7	560	13	1396	19	2416	25	3556	31	4768	37	6011	43	7249	49	8441	55	9547	61	10514
1 1/8	37	7 1/8	575	13 1/8	1416	19 1/8	2439	25 1/8	3580	31 1/8	4793	37 1/8	6037	43 1/8	7274	49 1/8	8466	55 1/8	9569	61 1/8	10532
1 1/4	43	7 1/4	590	13 1/4	1436	19 1/4	2461	25 1/4	3605	31 1/4	4819	37 1/4	6063	43 1/4	7300	49 1/4	8490	55 1/4	9590	61 1/4	10550
1 3/8	49	7 3/8	605	13 3/8	1455	19 3/8	2484	25 3/8	3630	31 3/8	4845	37 3/8	6089	43 3/8	7325	49 3/8	8514	55 3/8	9612	61 3/8	10568
1 1/2	56	7 1/2	621	13 1/2	1475	19 1/2	2507	25 1/2	3654	31 1/2	4871	37 1/2	6115	43 1/2	7350	49 1/2	8538	55 1/2	9634	61 1/2	10586
1 5/8	63	7 5/8	636	13 5/8	1495	19 5/8	2530	25 5/8	3679	31 5/8	4896	37 5/8	6141	43 5/8	7376	49 5/8	8561	55 5/8	9655	61 5/8	10604
1 3/4	71	7 3/4	652	13 3/4	1515	19 3/4	2553	25 3/4	3704	31 3/4	4922	37 3/4	6167	43 3/4	7401	49 3/4	8585	55 3/4	9677	61 3/4	10622
1 7/8	78	7 7/8	667	13 7/8	1535	19 7/8	2576	25 7/8	3729	31 7/8	4948	37 7/8	6193	43 7/8	7427	49 7/8	8609	55 7/8	9698	61 7/8	10639
2	86	8	683	14	1555	20	2599	26	3754	32	4974	38	6219	44	7452	50	8633	56	9719	62	10657
2 1/8	94	8 1/8	699	14 1/8	1576	20 1/8	2622	26 1/8	3779	32 1/8	5000	38 1/8	6245	44 1/8	7477	50 1/8	8657	56 1/8	9741	62 1/8	10674
2 1/4	103	8 1/4	715	14 1/4	1596	20 1/4	2645	26 1/4	3804	32 1/4	5025	38 1/4	6271	44 1/4	7502	50 1/4	8680	56 1/4	9762	62 1/4	10692
2 3/8	112	8 3/8	731	14 3/8	1616	20 3/8	2668	26 3/8	3829	32 3/8	5051	38 3/8	6297	44 3/8	7528	50 3/8	8704	56 3/8	9783	62 3/8	10709
2 1/2	120	8 1/2	747	14 1/2	1637	20 1/2	2692	26 1/2	3854	32 1/2	5077	38 1/2	6323	44 1/2	7553	50 1/2	8728	56 1/2	9804	62 1/2	10726
2 5/8	130	8 5/8	764	14 5/8	1657	20 5/8	2715	26 5/8	3879	32 5/8	5103	38 5/8	6349	44 5/8	7578	50 5/8	8751	56 5/8	9825	62 5/8	10743
2 3/4	139	8 3/4	780	14 3/4	1678	20 3/4	2738	26 3/4	3904	32 3/4	5129	38 3/4	6375	44 3/4	7603	50 3/4	8775	56 3/4	9846	62 3/4	10760
2 7/8	148	8 7/8	797	14 7/8	1699	20 7/8	2762	26 7/8	3929	32 7/8	5155	38 7/8	6401	44 7/8	7628	50 7/8	8798	56 7/8	9867	62 7/8	10777
3	158	9	813	15	1719	21	2785	27	3954	33	5181	39	6426	45	7653	51	8822	57	9888	63	10794
3 1/8	168	9 1/8	830	15 1/8	1740	21 1/8	2809	27 1/8	3979	33 1/8	5206	39 1/8	6452	45 1/8	7678	51 1/8	8845	57 1/8	9908	63 1/8	10811
3 1/4	178	9 1/4	847	15 1/4	1761	21 1/4	2832	27 1/4	4004	33 1/4	5232	39 1/4	6478	45 1/4	7703	51 1/4	8869	57 1/4	9929	63 1/4	10827
3 3/8	189	9 3/8	864	15 3/8	1782	21 3/8	2856	27 3/8	4029	33 3/8	5258	39 3/8	6504	45 3/8	7729	51 3/8	8892	57 3/8	9950	63 3/8	10843
3 1/2	199	9 1/2	881	15 1/2	1803	21 1/2	2879	27 1/2	4054	33 1/2	5284	39 1/2	6530	45 1/2	7754	51 1/2	8915	57 1/2	9970	63 1/2	10860
3 5/8	210	9 5/8	898	15 5/8	1824	21 5/8	2903	27 5/8	4079	33 5/8	5310	39 5/8	6556	45 5/8	7778	51 5/8	8939	57 5/8	9991	63 5/8	10876
3 3/4	221	9 3/4	915	15 3/4	1845	21 3/4	2927	27 3/4	4105	33 3/4	5336	39 3/4	6582	45 3/4	7803	51 3/4	8962	57 3/4	10011	63 3/4	10892
3 7/8	232	9 7/8	933	15 7/8	1866	21 7/8	2950	27 7/8	4130	33 7/8	5362	39 7/8	6607	45 7/8	7828	51 7/8	8985	57 7/8	10031	63 7/8	10908
4	243	10	950	16	1888	22	2974	28	4155	34	5388	40	6633	46	7853	52	9008	58	10052	64	10924
4 1/8	255	10 1/8	968	16 1/8	1909	22 1/8	2998	28 1/8	4181	34 1/8	5414	40 1/8	6659	46 1/8	7878	52 1/8	9031	58 1/8	10072	64 1/8	10940
4 1/4	266	10 1/4	985	16 1/4	1930	22 1/4	3022	28 1/4	4206	34 1/4	5440	40 1/4	6685	46 1/4	7903	52 1/4	9054	58 1/4	10092	64 1/4	10955
4 3/8	278	10 3/8	1003	16 3/8	1952	22 3/8	3046	28 3/8	4231	34 3/8	5466	40 3/8	6711	46 3/8	7928	52 3/8	9077	58 3/8	10112	64 3/8	10971
4 1/2	290	10 1/2	1021	16 1/2	1973	22 1/2	3070	28 1/2	4257	34 1/2	5492	40 1/2	6736	46 1/2	7953	52 1/2	9100	58 1/2	10132	64 1/2	10986
4 5/8	302	10 5/8	1039	16 5/8	1995	22 5/8	3093	28 5/8	4282	34 5/8	5518	40 5/8	6762	46 5/8	7977	52 5/8	9123	58 5/8	10152	64 5/8	11002
4 3/4	314	10 3/4	1057	16 3/4	2017	22 3/4	3117	28 3/4	4307	34 3/4	5544	40 3/4	6788	46 3/4	8002	52 3/4	9146	58 3/4	10171	64 3/4	11017
4 7/8	327	10 7/8	1075	16 7/8	2038	22 7/8	3142	28 7/8	4333	34 7/8	5570	40 7/8	6814	46 7/8	8027	52 7/8	9168	58 7/8	10191	64 7/8	11032
5	339	11	1093	17	2060	23	3166	29	4358	35	5596	41	6839	47	8051	53	9191	59	10211	65	11047
5 1/8	352	11 1/8	1111	17 1/8	2082	23 1/8	3190	29 1/8	4384	35 1/8	5622	41 1/8	6865	47 1/8	8076	53 1/8	9214	59 1/8	10230	65 1/8	11062
5 1/4	365	11 1/4	1130	17 1/4	2104	23 1/4	3214	29 1/4	4409	35 1/4	5648	41 1/4	6891	47 1/4	8101	53 1/4	9236	59 1/4	10250	65 1/4	11076
5 3/8	378	11 3/8	1148	17 3/8	2126	23 3/8	3238	29 3/8	4435	35 3/8	5674	41 3/8	6916	47 3/8	8125	53 3/8	9259	59 3/8	10269	65 3/8	11091
5 1/2	391	11 1/2	1167	17 1/2	2148	23 1/2	3262	29 1/2	4460	35 1/2	5700	41 1/2	6942	47 1/2	8150	53 1/2	9281	59 1/2	10289	65 1/2	11105
5 5/8	405	11 5/8	1185	17 5/8	2170	23 5/8	3287	29 5/8	4486	35 5/8	5726	41 5/8	6968	47 5/8	8174	53 5/8	9304	59 5/8	10308	65 5/8	11120
5 3/4	418	11 3/4	1204	17 3/4	2192	23 3/4	3311	29 3/4	4511	35 3/4	5752	41 3/4	6993	47 3/4	8199	53 3/4	9326	59 3/4	10327	65 3/4	11134
5 7/8	432	11 7/8	1223	17 7/8	2214	23 7/8	3335	29 7/8	4537	35 7/8	5778	41 7/8	7019	47 7/8	8223	53 7/8	9348	59 7/8	10346	65 7/8	11148

** PRECISION IS ABOUT +/- 1%



CAPACITY CHART FOR NN06410439 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	11162	67	11268	68	11364	69	11449	70	11521	71	11576										
66 1/8	11175	67 1/8	11280	68 1/8	11375	69 1/8	11459	70 1/8	11529	71 1/8	11582										
66 1/4	11189	67 1/4	11293	68 1/4	11386	69 1/4	11468	70 1/4	11536	71 1/4	11587										
66 3/8	11202	67 3/8	11305	68 3/8	11397	69 3/8	11477	70 3/8	11544	71 3/8	11592										
66 1/2	11216	67 1/2	11317	68 1/2	11408	69 1/2	11487	70 1/2	11551	71 1/2	11596										
66 5/8	11229	67 5/8	11329	68 5/8	11418	69 5/8	11495	70 5/8	11558	71 5/8	11600										
66 3/4	11242	67 3/4	11341	68 3/4	11429	69 3/4	11504	70 3/4	11564	71 3/4	11603										
66 7/8	11255	67 7/8	11352	68 7/8	11439	69 7/8	11513	70 7/8	11570	71 7/8	11605										

** PRECISION IS ABOUT +/- 1%