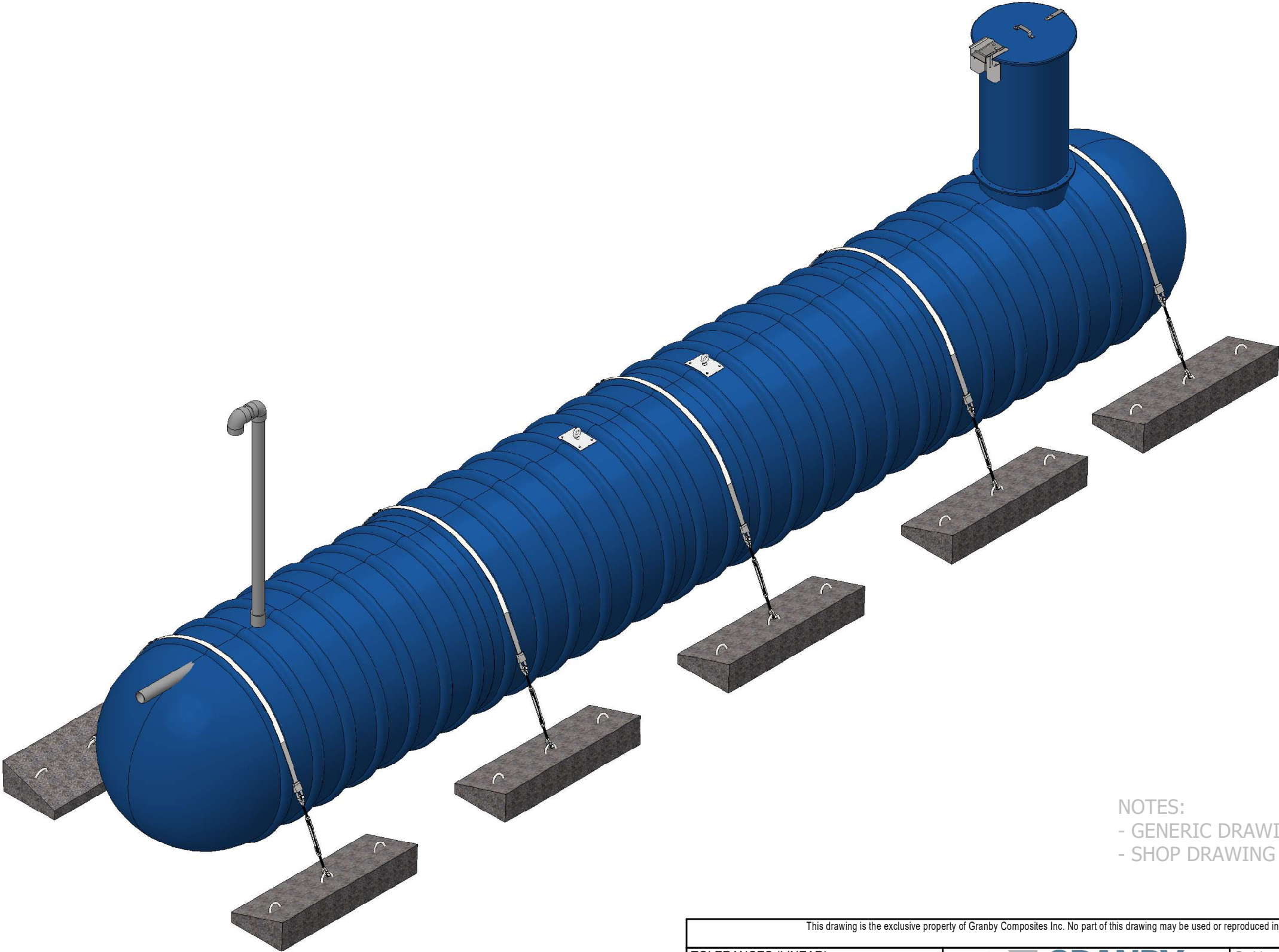


NN06280301EP
 FIBERGLASS TANK

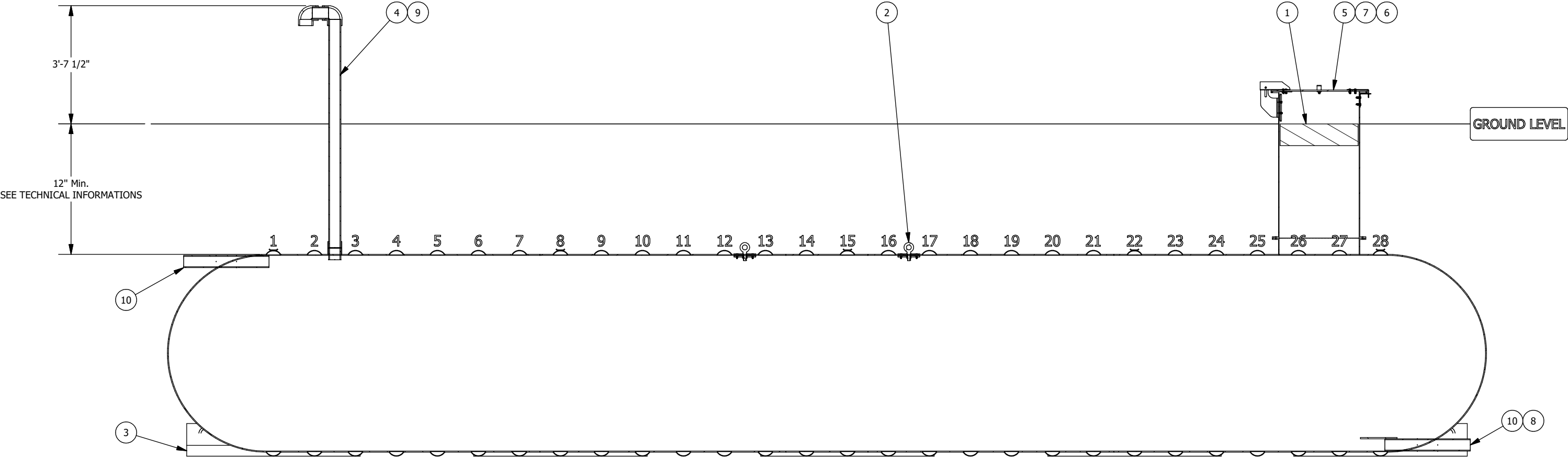
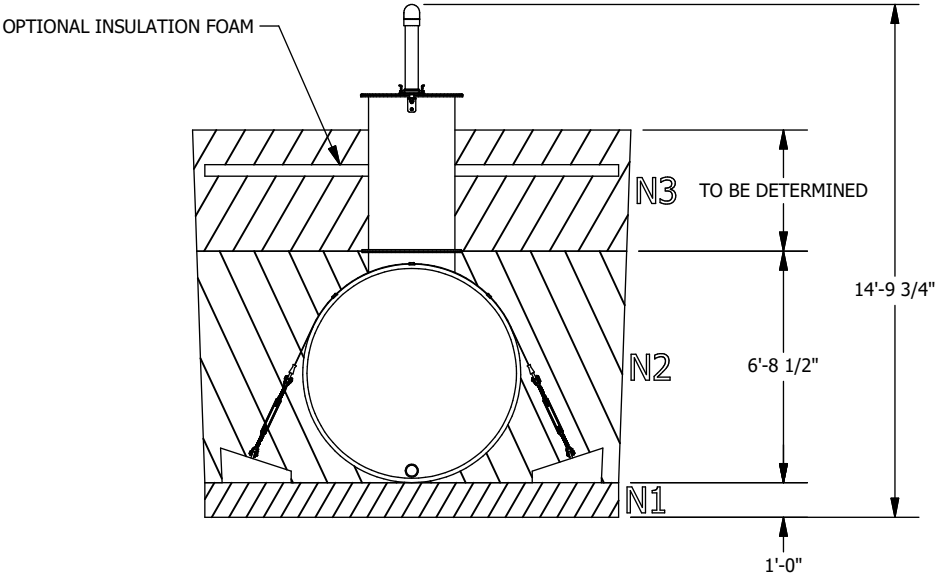


NOTES:
 - GENERIC DRAWING FOR REFERENCE ONLY
 - SHOP DRAWING AVAILABLE ON REQUEST

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TOLERANCES (LINEAR)			 GRANBY COMPOSITES			Revision description				
FEET DIM. -> ± 1% 0.0 -> ± 0.5"										
0.00 -> ± 0.25" 0.000 -> ± 0.125"										
TOLERANCES (ANGULAR)			Drawn by			Format		Part no.		REV
0 -> ± 2 DEG.			O. Marin			B		NN06280301EP		02.
0.0 -> ± 0.5 DEG.			19/12/2023							
0.00 -> ± 0.1 DEG.						Title				
Weight :			Approved by :			6' Dia. TANK - 8141 US gal				
3214 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	5	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



Optional anchoring depending on the tank's environment

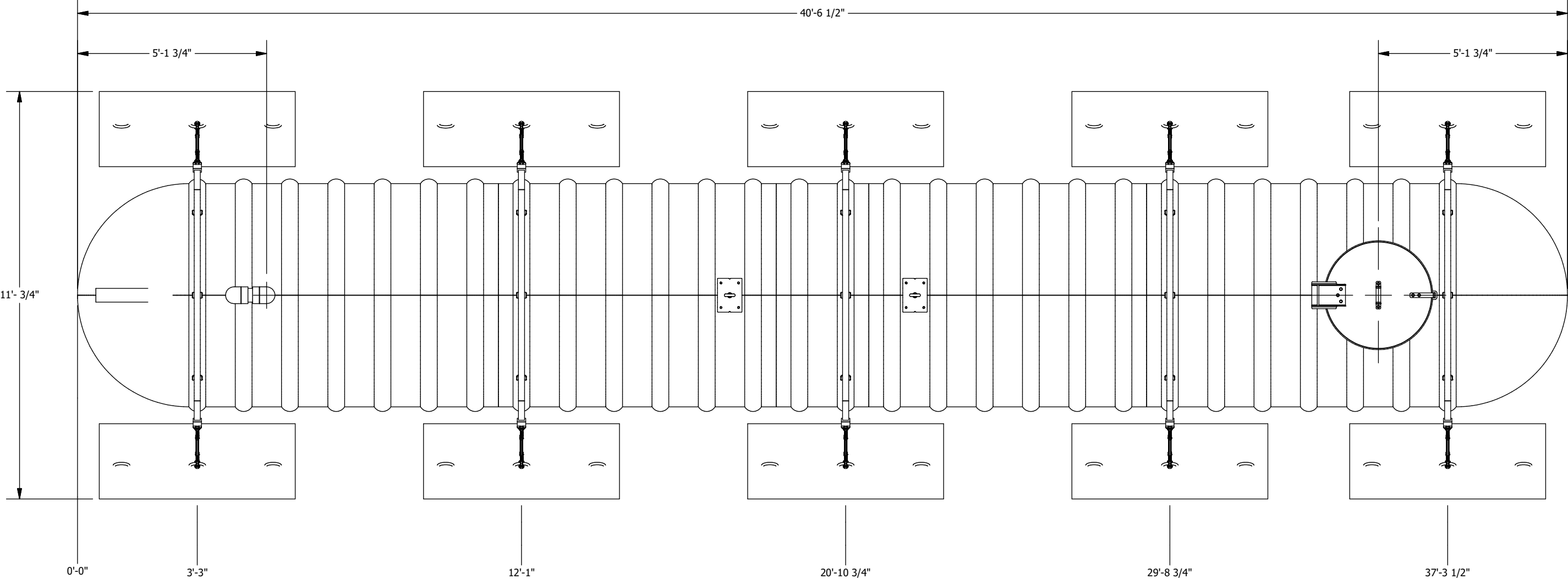
- Technical informations**
- Burrial depth: According to the geotechnical installation conditions
 - Inside Diameter : 72
 - (If required) Quantity of fiberglass anchoring straps : 5
 - (If required) Quantity of reinforced concrete deadman anchors : 10
 - Simultaneous lifting by 2 lugs. The angle of 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.

SECTION ELEVATION VIEW

NOTES:
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TOLERANCES (LINEAR)			 GRANBY COMPOSITES			Revision description				
FEET DIM. -> ± 1% 0.0 -> ± 0.5"						Format B Part no. NN06280301EP REV 02.				
TOLERANCES (ANGULAR)			Drawn by O. Marin			19/12/2023			Title 6' Dia. TANK - 8141 US gal	
0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG.			Approved by :							
Weight : 3214 Lb										
Client		# Project			Sheet 2 / 4					



PLAN VIEW

NOTES:
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TOLERANCES (LINEAR)						Revision description				
FEET DIM. -> ± 1% 0.0 -> ± 0.5"						Format B		Part no. NN06280301EP		REV 02.
TOLERANCES (ANGULAR)			Drawn by O. Marin			19/12/2023			Title 6' Dia. TANK - 8141 US gal	
0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG.			Approved by :							
Weight : 3214 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"						Format B		Part no. ENSCOUR6		REV A.	
0.00 -> ± 0.25" 0.000 -> ± 0.125"											
TOLERANCES (ANGULAR)			Drawn by O. Marin			04/10/2018			Title ANCHORING KIT		
0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG.			Approved by :								
Weight :											
Client		# Projet			Sheet 4 / 4						



CAPACITY CHART FOR NN06280301 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	307	12	862	18	1559	24	2348	30	3196	36	4071	42	4946	48	5793	54	6583	60	7279
1/8	1	6 1/8	317	12 1/8	876	18 1/8	1574	24 1/8	2365	30 1/8	3214	36 1/8	4089	42 1/8	4964	48 1/8	5810	54 1/8	6598	60 1/8	7292
1/4	3	6 1/4	327	12 1/4	889	18 1/4	1590	24 1/4	2383	30 1/4	3232	36 1/4	4107	42 1/4	4982	48 1/4	5827	54 1/4	6614	60 1/4	7305
3/8	5	6 3/8	337	12 3/8	902	18 3/8	1606	24 3/8	2400	30 3/8	3250	36 3/8	4126	42 3/8	5000	48 3/8	5844	54 3/8	6629	60 3/8	7319
1/2	8	6 1/2	347	12 1/2	916	18 1/2	1622	24 1/2	2417	30 1/2	3268	36 1/2	4144	42 1/2	5018	48 1/2	5862	54 1/2	6645	60 1/2	7332
5/8	11	6 5/8	357	12 5/8	929	18 5/8	1637	24 5/8	2434	30 5/8	3286	36 5/8	4162	42 5/8	5036	48 5/8	5879	54 5/8	6660	60 5/8	7345
3/4	14	6 3/4	367	12 3/4	943	18 3/4	1653	24 3/4	2452	30 3/4	3304	36 3/4	4181	42 3/4	5054	48 3/4	5896	54 3/4	6676	60 3/4	7357
7/8	17	6 7/8	377	12 7/8	956	18 7/8	1669	24 7/8	2469	30 7/8	3322	36 7/8	4199	42 7/8	5072	48 7/8	5913	54 7/8	6691	60 7/8	7370
1	21	7	387	13	970	19	1685	25	2486	31	3340	37	4217	43	5090	49	5930	55	6706	61	7383
1 1/8	25	7 1/8	398	13 1/8	984	19 1/8	1701	25 1/8	2504	31 1/8	3358	37 1/8	4236	43 1/8	5108	49 1/8	5947	55 1/8	6722	61 1/8	7396
1 1/4	29	7 1/4	408	13 1/4	998	19 1/4	1717	25 1/4	2521	31 1/4	3377	37 1/4	4254	43 1/4	5126	49 1/4	5963	55 1/4	6737	61 1/4	7408
1 3/8	34	7 3/8	419	13 3/8	1011	19 3/8	1733	25 3/8	2538	31 3/8	3395	37 3/8	4272	43 3/8	5143	49 3/8	5980	55 3/8	6752	61 3/8	7421
1 1/2	39	7 1/2	429	13 1/2	1025	19 1/2	1749	25 1/2	2556	31 1/2	3413	37 1/2	4291	43 1/2	5161	49 1/2	5997	55 1/2	6767	61 1/2	7434
1 5/8	43	7 5/8	440	13 5/8	1039	19 5/8	1765	25 5/8	2573	31 5/8	3431	37 5/8	4309	43 5/8	5179	49 5/8	6014	55 5/8	6782	61 5/8	7446
1 3/4	49	7 3/4	451	13 3/4	1053	19 3/4	1781	25 3/4	2591	31 3/4	3449	37 3/4	4327	43 3/4	5197	49 3/4	6031	55 3/4	6797	61 3/4	7458
1 7/8	54	7 7/8	462	13 7/8	1067	19 7/8	1797	25 7/8	2608	31 7/8	3467	37 7/8	4345	43 7/8	5215	49 7/8	6048	55 7/8	6812	61 7/8	7471
2	59	8	473	14	1082	20	1813	26	2626	32	3486	38	4364	44	5233	50	6064	56	6827	62	7483
2 1/8	65	8 1/8	484	14 1/8	1096	20 1/8	1830	26 1/8	2643	32 1/8	3504	38 1/8	4382	44 1/8	5251	50 1/8	6081	56 1/8	6842	62 1/8	7495
2 1/4	71	8 1/4	495	14 1/4	1110	20 1/4	1846	26 1/4	2661	32 1/4	3522	38 1/4	4400	44 1/4	5268	50 1/4	6098	56 1/4	6857	62 1/4	7507
2 3/8	77	8 3/8	506	14 3/8	1124	20 3/8	1862	26 3/8	2678	32 3/8	3540	38 3/8	4419	44 3/8	5286	50 3/8	6114	56 3/8	6872	62 3/8	7519
2 1/2	83	8 1/2	517	14 1/2	1139	20 1/2	1879	26 1/2	2696	32 1/2	3558	38 1/2	4437	44 1/2	5304	50 1/2	6131	56 1/2	6886	62 1/2	7531
2 5/8	89	8 5/8	529	14 5/8	1153	20 5/8	1895	26 5/8	2714	32 5/8	3577	38 5/8	4455	44 5/8	5322	50 5/8	6148	56 5/8	6901	62 5/8	7543
2 3/4	95	8 3/4	540	14 3/4	1167	20 3/4	1911	26 3/4	2731	32 3/4	3595	38 3/4	4473	44 3/4	5339	50 3/4	6164	56 3/4	6916	62 3/4	7555
2 7/8	102	8 7/8	552	14 7/8	1182	20 7/8	1928	26 7/8	2749	32 7/8	3613	38 7/8	4492	44 7/8	5357	50 7/8	6181	56 7/8	6931	62 7/8	7567
3	109	9	563	15	1196	21	1944	27	2767	33	3631	39	4510	45	5375	51	6197	57	6945	63	7578
3 1/8	116	9 1/8	575	15 1/8	1211	21 1/8	1961	27 1/8	2784	33 1/8	3650	39 1/8	4528	45 1/8	5392	51 1/8	6214	57 1/8	6960	63 1/8	7590
3 1/4	123	9 1/4	587	15 1/4	1226	21 1/4	1977	27 1/4	2802	33 1/4	3668	39 1/4	4546	45 1/4	5410	51 1/4	6230	57 1/4	6974	63 1/4	7601
3 3/8	130	9 3/8	598	15 3/8	1240	21 3/8	1994	27 3/8	2820	33 3/8	3686	39 3/8	4565	45 3/8	5428	51 3/8	6246	57 3/8	6989	63 3/8	7613
3 1/2	137	9 1/2	610	15 1/2	1255	21 1/2	2010	27 1/2	2838	33 1/2	3704	39 1/2	4583	45 1/2	5445	51 1/2	6263	57 1/2	7003	63 1/2	7624
3 5/8	144	9 5/8	622	15 5/8	1270	21 5/8	2027	27 5/8	2855	33 5/8	3723	39 5/8	4601	45 5/8	5463	51 5/8	6279	57 5/8	7017	63 5/8	7635
3 3/4	152	9 3/4	634	15 3/4	1284	21 3/4	2044	27 3/4	2873	33 3/4	3741	39 3/4	4619	45 3/4	5480	51 3/4	6295	57 3/4	7031	63 3/4	7647
3 7/8	160	9 7/8	646	15 7/8	1299	21 7/8	2060	27 7/8	2891	33 7/8	3759	39 7/8	4638	45 7/8	5498	51 7/8	6312	57 7/8	7046	63 7/8	7658
4	167	10	658	16	1314	22	2077	28	2909	34	3778	40	4656	46	5516	52	6328	58	7060	64	7669
4 1/8	175	10 1/8	671	16 1/8	1329	22 1/8	2094	28 1/8	2926	34 1/8	3796	40 1/8	4674	46 1/8	5533	52 1/8	6344	58 1/8	7074	64 1/8	7680
4 1/4	183	10 1/4	683	16 1/4	1344	22 1/4	2111	28 1/4	2944	34 1/4	3814	40 1/4	4692	46 1/4	5551	52 1/4	6360	58 1/4	7088	64 1/4	7691
4 3/8	192	10 3/8	695	16 3/8	1359	22 3/8	2127	28 3/8	2962	34 3/8	3833	40 3/8	4710	46 3/8	5568	52 3/8	6376	58 3/8	7102	64 3/8	7701
4 1/2	200	10 1/2	708	16 1/2	1374	22 1/2	2144	28 1/2	2980	34 1/2	3851	40 1/2	4729	46 1/2	5585	52 1/2	6392	58 1/2	7116	64 1/2	7712
4 5/8	208	10 5/8	720	16 5/8	1389	22 5/8	2161	28 5/8	2998	34 5/8	3869	40 5/8	4747	46 5/8	5603	52 5/8	6409	58 5/8	7130	64 5/8	7723
4 3/4	217	10 3/4	733	16 3/4	1405	22 3/4	2178	28 3/4	3016	34 3/4	3887	40 3/4	4765	46 3/4	5620	52 3/4	6425	58 3/4	7144	64 3/4	7733
4 7/8	225	10 7/8	746	16 7/8	1420	22 7/8	2195	28 7/8	3034	34 7/8	3906	40 7/8	4783	46 7/8	5638	52 7/8	6441	58 7/8	7158	64 7/8	7744
5	234	11	758	17	1435	23	2212	29	3052	35	3924	41	4801	47	5655	53	6456	59	7171	65	7754
5 1/8	243	11 1/8	771	17 1/8	1450	23 1/8	2229	29 1/8	3070	35 1/8	3942	41 1/8	4819	47 1/8	5672	53 1/8	6472	59 1/8	7185	65 1/8	7765
5 1/4	252	11 1/4	784	17 1/4	1466	23 1/4	2246	29 1/4	3088	35 1/4	3961	41 1/4	4837	47 1/4	5690	53 1/4	6488	59 1/4	7199	65 1/4	7775
5 3/8	261	11 3/8	797	17 3/8	1481	23 3/8	2263	29 3/8	3106	35 3/8	3979	41 3/8	4855	47 3/8	5707	53 3/8	6504	59 3/8	7212	65 3/8	7785
5 1/2	270	11 1/2	810	17 1/2	1497	23 1/2	2280	29 1/2	3124	35 1/2	3997	41 1/2	4874	47 1/2	5724	53 1/2	6520	59 1/2	7226	65 1/2	7795
5 5/8	279	11 5/8	823	17 5/8	1512	23 5/8	2297	29 5/8	3142	35 5/8	4016	41 5/8	4892	47 5/8	5742	53 5/8	6536	59 5/8	7239	65 5/8	7805
5 3/4	289	11 3/4	836	17 3/4	1528	23 3/4	2314	29 3/4	3160	35 3/4	4034	41 3/4	4910	47 3/4	5759	53 3/4	6551	59 3/4	7253	65 3/4	7815
5 7/8	298	11 7/8	849	17 7/8	1543	23 7/8	2331	29 7/8	3178	35 7/8	4052	41 7/8	4928	47 7/8	5776	53 7/8	6567	59 7/8	7266	65 7/8	7824

** PRECISION IS ABOUT +/- 1%



CAPACITY CHART FOR NN06280301 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	7834	67	7907	68	7974	69	8033	70	8082	71	8120										
66 1/8	7843	67 1/8	7916	68 1/8	7982	69 1/8	8039	70 1/8	8088	71 1/8	8124										
66 1/4	7853	67 1/4	7925	68 1/4	7989	69 1/4	8046	70 1/4	8093	71 1/4	8128										
66 3/8	7862	67 3/8	7933	68 3/8	7997	69 3/8	8052	70 3/8	8098	71 3/8	8131										
66 1/2	7871	67 1/2	7942	68 1/2	8004	69 1/2	8059	70 1/2	8103	71 1/2	8134										
66 5/8	7881	67 5/8	7950	68 5/8	8012	69 5/8	8065	70 5/8	8107	71 5/8	8136										
66 3/4	7890	67 3/4	7958	68 3/4	8019	69 3/4	8071	70 3/4	8112	71 3/4	8138										
66 7/8	7899	67 7/8	7966	68 7/8	8026	69 7/8	8077	70 7/8	8116	71 7/8	8140										

** PRECISION IS ABOUT +/- 1%