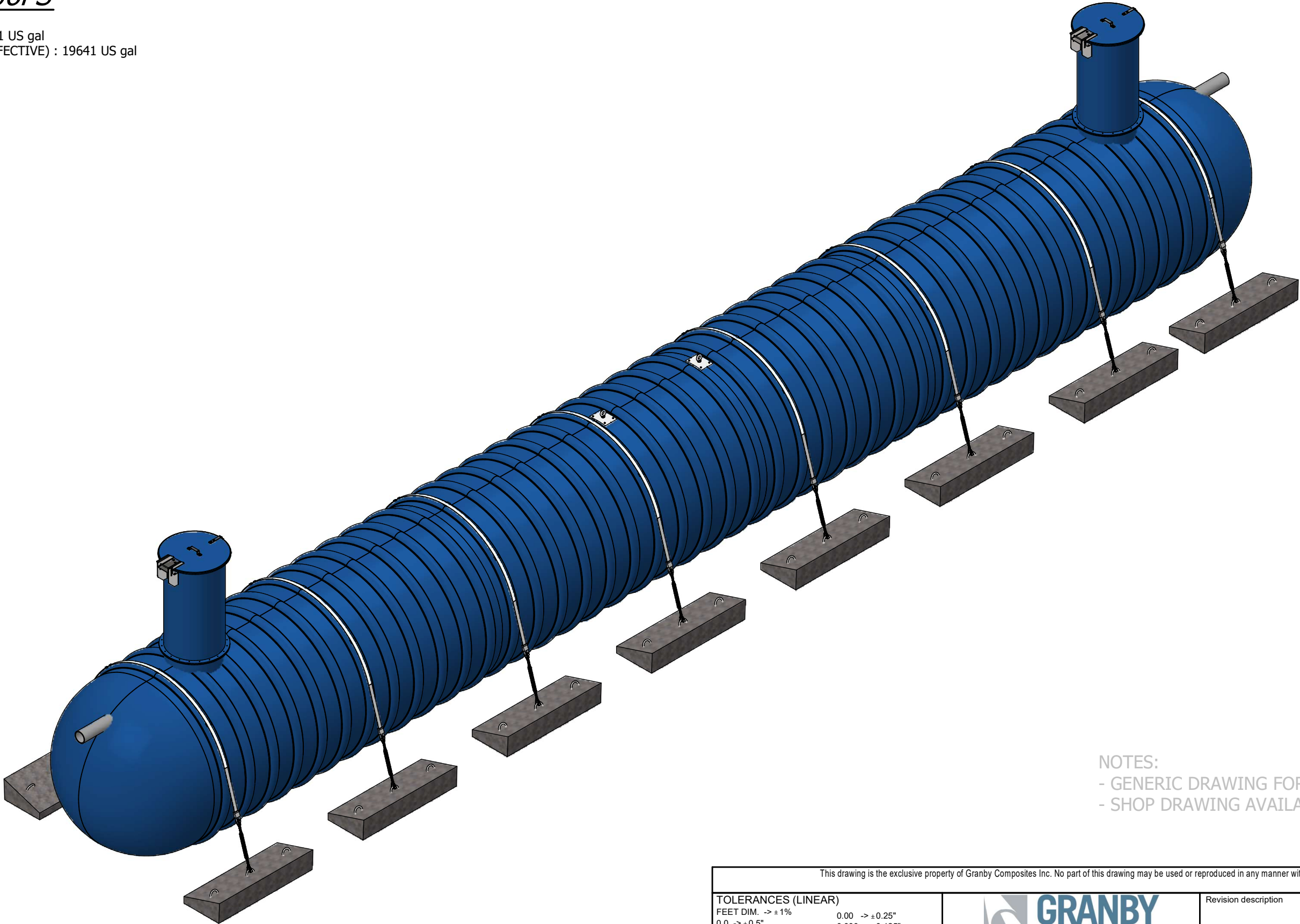


NN08420806FS

FIBERGLASS TANK
 TOTAL CAPACITY : 21831 US gal
 NOMINAL CAPACITY (EFFECTIVE) : 19641 US gal

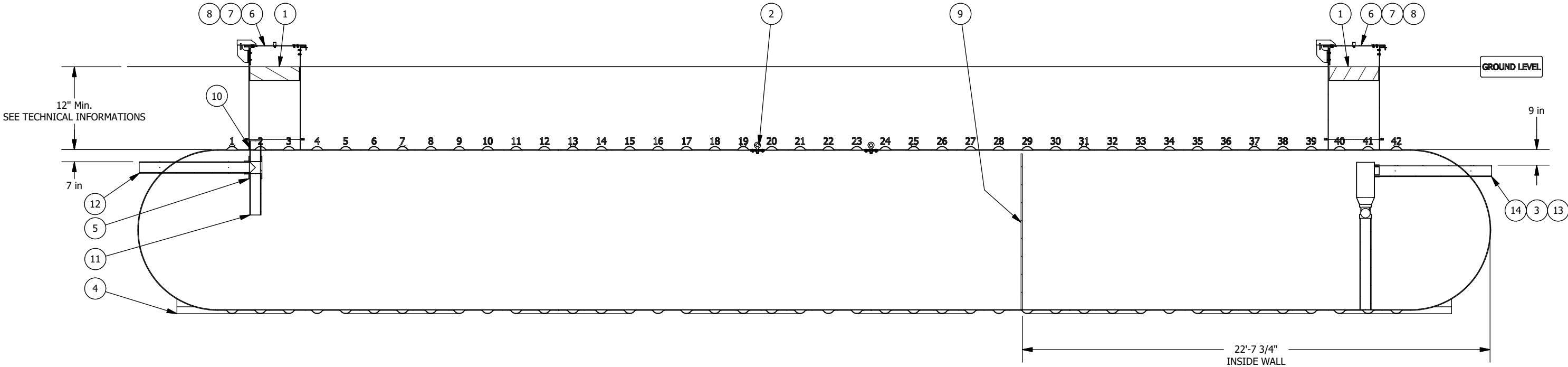
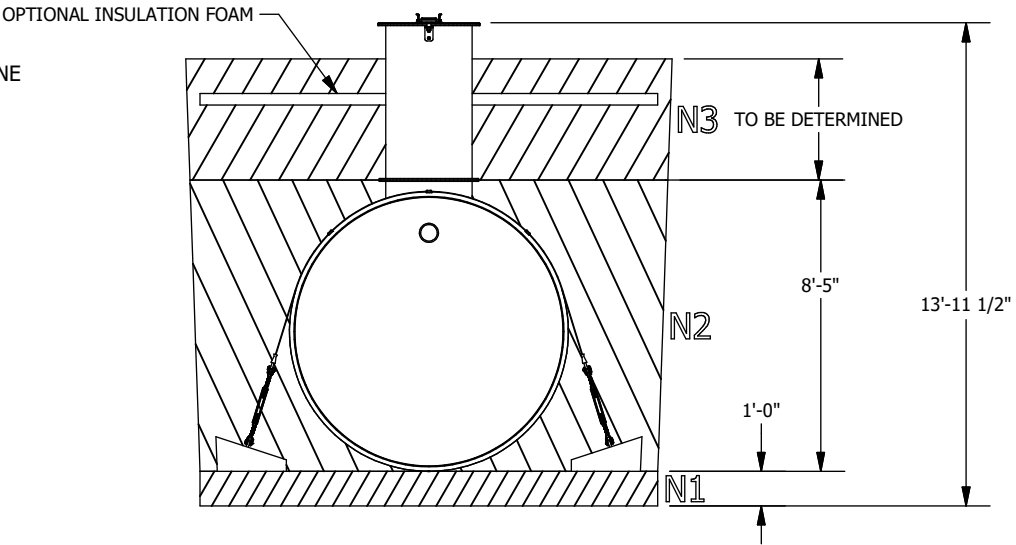


NOTES:
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 - SHOP DRAWING AVAILABLE ON REQUEST

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TOLERANCES (LINEAR)		 GRANBY COMPOSITES		Revision description	
FEET DIM. -> ± 1% 0.0 -> ± 0.5"				Format B Part no. NN08420806FS REV 02.	
TOLERANCES (ANGULAR)		Drawn by O. Marin		19/01/2024	
0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG.		Approved by :		Title	
Weight : 7988 Lb				8' Dia. TANK - 21831 US gal	
Client		# Project		Sheet 1 / 4	

Item	Part Number	Qty	Description	Check List
1	ADF0000001	2	FOAM 28-3/4" DIA. x 8" / R-35	
2	ADP0000001	2	LIFTING LUG	
3	AEDPL52500	1	Polylok PL-525 PREFILTER	
4	ENSCOUR8	8	ANCHORING KIT	
5	FPT0600801	1	6" SCH.80 - UNTHREADED T GREY	
6	GMHE30-COVER01	2	30" DIA. FRP. - LOCKABLE MAN HOLE COVER WITH HINGE	
7	MH-30 (6"L.)	2	30" DIA. x 6" L. - MANHOLE	
8	MHE-30 (54"L.)	2	30" DIA. x 54" L. - MANHOLE EXTENSION	
9	MUR08	1	08' DIA. - WALL	
10	TP80600G01 (12"L.)	1	6" SCH.80 - GREY PVC PIPE	
11	TP80600G01 (24"L.)	1	6" SCH.80 - GREY PVC PIPE	
12	TP80600G01 (64"L.)	1	6" SCH.80 - GREY PVC PIPE	
13	TP80600G01 (52.875"L.)	1	6" SCH.80 - GREY PVC PIPE	
14	TP80600G01 (68"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

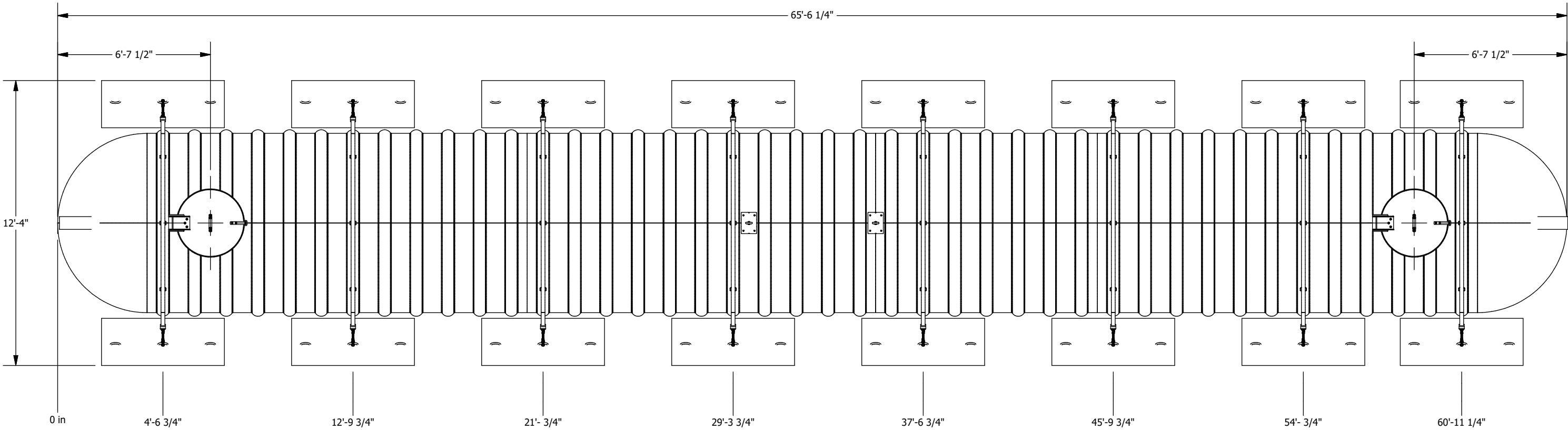
Technical informations

- Burrial depth: According to the geotechnical installation conditions
- Inside Diameter : 92.25"
- (If required) Quantity of fiberglass anchoring straps : 8
- (If required) Quantity of reinforced concrete deadman anchors : 16
- 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.
Optional effluent filter PL-525.

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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. NN08420806FS	REV 02.
TOLERANCES (ANGULAR) 0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG. 0.00 -> ± 0.1 DEG.		Drawn by O. Marin	19/01/2024		
Weight : 7988 Lb		Approved by :	Title 8' Dia. TANK - 21831 US gal		
Client	# Project	Sheet 2 / 4			



PLAN VIEW

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TOLERANCES (LINEAR) FEET DIM. -> ± 1% 0.0 -> ± 0.5" 0.00 -> ± 0.25" 0.000 -> ± 0.125"						Revision description					
						Format B		Part no. NN08420806FS		REV 02.	
TOLERANCES (ANGULAR) 0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG. 0.00 -> ± 0.1 DEG.			Drawn by O. Marin		19/01/2024		Title 8' Dia. TANK - 21831 US gal				
Weight : 7988 Lb			Approved by :								
Client		# Project			Sheet 3 / 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. Weight :				Format B Part no. MUR08 REV 01.	
Client		# Projet		Title 08' DIA. - WALL	
Sheet 4 / 4		Drawn by O. Marin		11/05/2021	
Approved by :		Approved by :		Approved by :	



CAPACITY CHART FOR NN08420806 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	576	12	1616	18	2933	24	4445	30	6098	36	7848	42	9657	48	11489	54	13310	60	15086
1/8	2	6 1/8	594	12 1/8	1641	18 1/8	2963	24 1/8	4479	30 1/8	6134	36 1/8	7885	42 1/8	9695	48 1/8	11527	54 1/8	13348	60 1/8	15123
1/4	5	6 1/4	612	12 1/4	1666	18 1/4	2993	24 1/4	4512	30 1/4	6170	36 1/4	7923	42 1/4	9733	48 1/4	11565	54 1/4	13385	60 1/4	15159
3/8	9	6 3/8	630	12 3/8	1691	18 3/8	3022	24 3/8	4545	30 3/8	6205	36 3/8	7960	42 3/8	9771	48 3/8	11603	54 3/8	13423	60 3/8	15195
1/2	14	6 1/2	649	12 1/2	1717	18 1/2	3052	24 1/2	4578	30 1/2	6241	36 1/2	7997	42 1/2	9809	48 1/2	11642	54 1/2	13461	60 1/2	15231
5/8	20	6 5/8	668	12 5/8	1742	18 5/8	3083	24 5/8	4612	30 5/8	6277	36 5/8	8035	42 5/8	9847	48 5/8	11680	54 5/8	13498	60 5/8	15267
3/4	26	6 3/4	686	12 3/4	1768	18 3/4	3113	24 3/4	4645	30 3/4	6313	36 3/4	8072	42 3/4	9885	48 3/4	11718	54 3/4	13536	60 3/4	15303
7/8	32	6 7/8	706	12 7/8	1793	18 7/8	3143	24 7/8	4679	30 7/8	6349	36 7/8	8109	42 7/8	9923	48 7/8	11756	54 7/8	13573	60 7/8	15340
1	39	7	725	13	1819	19	3173	25	4712	31	6384	37	8147	43	9961	49	11794	55	13610	61	15376
1 1/8	47	7 1/8	744	13 1/8	1845	19 1/8	3204	25 1/8	4746	31 1/8	6420	37 1/8	8184	43 1/8	10000	49 1/8	11832	55 1/8	13648	61 1/8	15411
1 1/4	55	7 1/4	764	13 1/4	1871	19 1/4	3234	25 1/4	4780	31 1/4	6456	37 1/4	8221	43 1/4	10038	49 1/4	11870	55 1/4	13685	61 1/4	15447
1 3/8	63	7 3/8	784	13 3/8	1897	19 3/8	3265	25 3/8	4814	31 3/8	6492	37 3/8	8259	43 3/8	10076	49 3/8	11908	55 3/8	13723	61 3/8	15483
1 1/2	72	7 1/2	803	13 1/2	1923	19 1/2	3295	25 1/2	4847	31 1/2	6528	37 1/2	8296	43 1/2	10114	49 1/2	11947	55 1/2	13760	61 1/2	15519
1 5/8	81	7 5/8	824	13 5/8	1950	19 5/8	3326	25 5/8	4881	31 5/8	6564	37 5/8	8334	43 5/8	10152	49 5/8	11985	55 5/8	13797	61 5/8	15555
1 3/4	91	7 3/4	844	13 3/4	1976	19 3/4	3357	25 3/4	4915	31 3/4	6601	37 3/4	8371	43 3/4	10190	49 3/4	12023	55 3/4	13835	61 3/4	15591
1 7/8	101	7 7/8	864	13 7/8	2003	19 7/8	3388	25 7/8	4949	31 7/8	6637	37 7/8	8409	43 7/8	10228	49 7/8	12061	55 7/8	13872	61 7/8	15626
2	111	8	885	14	2029	20	3418	26	4983	32	6673	38	8446	44	10267	50	12099	56	13909	62	15662
2 1/8	121	8 1/8	905	14 1/8	2056	20 1/8	3449	26 1/8	5017	32 1/8	6709	38 1/8	8484	44 1/8	10305	50 1/8	12137	56 1/8	13946	62 1/8	15698
2 1/4	132	8 1/4	926	14 1/4	2083	20 1/4	3481	26 1/4	5051	32 1/4	6745	38 1/4	8521	44 1/4	10343	50 1/4	12175	56 1/4	13984	62 1/4	15733
2 3/8	144	8 3/8	947	14 3/8	2110	20 3/8	3512	26 3/8	5086	32 3/8	6782	38 3/8	8559	44 3/8	10381	50 3/8	12213	56 3/8	14021	62 3/8	15769
2 1/2	155	8 1/2	968	14 1/2	2137	20 1/2	3543	26 1/2	5120	32 1/2	6818	38 1/2	8597	44 1/2	10419	50 1/2	12251	56 1/2	14058	62 1/2	15804
2 5/8	167	8 5/8	990	14 5/8	2164	20 5/8	3574	26 5/8	5154	32 5/8	6854	38 5/8	8634	44 5/8	10457	50 5/8	12289	56 5/8	14095	62 5/8	15840
2 3/4	179	8 3/4	1011	14 3/4	2191	20 3/4	3606	26 3/4	5188	32 3/4	6891	38 3/4	8672	44 3/4	10496	50 3/4	12327	56 3/4	14132	62 3/4	15875
2 7/8	191	8 7/8	1033	14 7/8	2219	20 7/8	3637	26 7/8	5223	32 7/8	6927	38 7/8	8710	44 7/8	10534	50 7/8	12365	56 7/8	14169	62 7/8	15911
3	204	9	1054	15	2246	21	3669	27	5257	33	6964	39	8747	45	10572	51	12403	57	14206	63	15946
3 1/8	217	9 1/8	1076	15 1/8	2274	21 1/8	3700	27 1/8	5292	33 1/8	7000	39 1/8	8785	45 1/8	10610	51 1/8	12441	57 1/8	14243	63 1/8	15981
3 1/4	230	9 1/4	1098	15 1/4	2301	21 1/4	3732	27 1/4	5326	33 1/4	7037	39 1/4	8823	45 1/4	10648	51 1/4	12479	57 1/4	14280	63 1/4	16017
3 3/8	243	9 3/8	1120	15 3/8	2329	21 3/8	3764	27 3/8	5361	33 3/8	7073	39 3/8	8861	45 3/8	10687	51 3/8	12517	57 3/8	14317	63 3/8	16052
3 1/2	257	9 1/2	1143	15 1/2	2357	21 1/2	3795	27 1/2	5396	33 1/2	7110	39 1/2	8898	45 1/2	10725	51 1/2	12555	57 1/2	14354	63 1/2	16087
3 5/8	271	9 5/8	1165	15 5/8	2385	21 5/8	3827	27 5/8	5430	33 5/8	7147	39 5/8	8936	45 5/8	10763	51 5/8	12593	57 5/8	14391	63 5/8	16122
3 3/4	285	9 3/4	1188	15 3/4	2413	21 3/4	3859	27 3/4	5465	33 3/4	7183	39 3/4	8974	45 3/4	10801	51 3/4	12631	57 3/4	14428	63 3/4	16157
3 7/8	299	9 7/8	1210	15 7/8	2441	21 7/8	3891	27 7/8	5500	33 7/8	7220	39 7/8	9012	45 7/8	10839	51 7/8	12669	57 7/8	14465	63 7/8	16192
4	314	10	1233	16	2469	22	3923	28	5535	34	7257	40	9050	46	10878	52	12706	58	14502	64	16227
4 1/8	328	10 1/8	1256	16 1/8	2497	22 1/8	3955	28 1/8	5570	34 1/8	7293	40 1/8	9087	46 1/8	10916	52 1/8	12744	58 1/8	14538	64 1/8	16262
4 1/4	343	10 1/4	1279	16 1/4	2526	22 1/4	3988	28 1/4	5604	34 1/4	7330	40 1/4	9125	46 1/4	10954	52 1/4	12782	58 1/4	14575	64 1/4	16297
4 3/8	359	10 3/8	1303	16 3/8	2554	22 3/8	4020	28 3/8	5639	34 3/8	7367	40 3/8	9163	46 3/8	10992	52 3/8	12820	58 3/8	14612	64 3/8	16332
4 1/2	374	10 1/2	1326	16 1/2	2583	22 1/2	4052	28 1/2	5674	34 1/2	7404	40 1/2	9201	46 1/2	11031	52 1/2	12858	58 1/2	14649	64 1/2	16367
4 5/8	390	10 5/8	1349	16 5/8	2612	22 5/8	4085	28 5/8	5710	34 5/8	7441	40 5/8	9239	46 5/8	11069	52 5/8	12896	58 5/8	14685	64 5/8	16402
4 3/4	406	10 3/4	1373	16 3/4	2640	22 3/4	4117	28 3/4	5745	34 3/4	7478	40 3/4	9277	46 3/4	11107	52 3/4	12933	58 3/4	14722	64 3/4	16436
4 7/8	422	10 7/8	1397	16 7/8	2669	22 7/8	4150	28 7/8	5780	34 7/8	7515	40 7/8	9315	46 7/8	11145	52 7/8	12971	58 7/8	14759	64 7/8	16471
5	438	11	1421	17	2698	23	4182	29	5815	35	7552	41	9353	47	11183	53	13009	59	14795	65	16506
5 1/8	455	11 1/8	1445	17 1/8	2727	23 1/8	4215	29 1/8	5850	35 1/8	7589	41 1/8	9391	47 1/8	11222	53 1/8	13047	59 1/8	14832	65 1/8	16540
5 1/4	471	11 1/4	1469	17 1/4	2756	23 1/4	4248	29 1/4	5886	35 1/4	7626	41 1/4	9429	47 1/4	11260	53 1/4	13084	59 1/4	14868	65 1/4	16575
5 3/8	488	11 3/8	1493	17 3/8	2786	23 3/8	4280	29 3/8	5921	35 3/8	7663	41 3/8	9467	47 3/8	11298	53 3/8	13122	59 3/8	14905	65 3/8	16609
5 1/2	505	11 1/2	1517	17 1/2	2815	23 1/2	4313	29 1/2	5956	35 1/2	7700	41 1/2	9505	47 1/2	11336	53 1/2	13160	59 1/2	14941	65 1/2	16643
5 5/8	523	11 5/8	1542	17 5/8	2844	23 5/8	4346	29 5/8	5992	35 5/8	7737	41 5/8	9543	47 5/8	11374	53 5/8	13197	59 5/8	14977	65 5/8	16678
5 3/4	540	11 3/4	1567	17 3/4	2874	23 3/4	4379	29 3/4	6027	35 3/4	7774	41 3/4	9581	47 3/4	11413	53 3/4	13235	59 3/4	15014	65 3/4	16712
5 7/8	558	11 7/8	1591	17 7/8	2903	23 7/8	4412	29 7/8	6063	35 7/8	7811	41 7/8	9619	47 7/8	11451	53 7/8	13273	59 7/8	15050	65 7/8	16746

** PRECISION IS ABOUT +/- 1%



CAPACITY CHART FOR NN08420806 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	16780	69	17584	72	18351	75	19075	78	19749	81	20363	84	20906	87	21361	90	21699				
66 1/8	16815	69 1/8	17617	72 1/8	18382	75 1/8	19105	78 1/8	19776	81 1/8	20387	84 1/8	20926	87 1/8	21377	90 1/8	21710				
66 1/4	16849	69 1/4	17650	72 1/4	18413	75 1/4	19134	78 1/4	19803	81 1/4	20411	84 1/4	20947	87 1/4	21394	90 1/4	21721				
66 3/8	16883	69 3/8	17682	72 3/8	18444	75 3/8	19163	78 3/8	19829	81 3/8	20435	84 3/8	20968	87 3/8	21410	90 3/8	21731				
66 1/2	16917	69 1/2	17715	72 1/2	18475	75 1/2	19191	78 1/2	19856	81 1/2	20459	84 1/2	20988	87 1/2	21426	90 1/2	21741				
66 5/8	16951	69 5/8	17747	72 5/8	18506	75 5/8	19220	78 5/8	19882	81 5/8	20482	84 5/8	21008	87 5/8	21442	90 5/8	21751				
66 3/4	16984	69 3/4	17780	72 3/4	18537	75 3/4	19249	78 3/4	19908	81 3/4	20506	84 3/4	21028	87 3/4	21458	90 3/4	21760				
66 7/8	17018	69 7/8	17812	72 7/8	18567	75 7/8	19277	78 7/8	19935	81 7/8	20529	84 7/8	21048	87 7/8	21473	90 7/8	21768				
67	17052	70	17844	73	18598	76	19306	79	19961	82	20552	85	21068	88	21488	91	21777				
67 1/8	17086	70 1/8	17876	73 1/8	18628	76 1/8	19334	79 1/8	19987	82 1/8	20576	85 1/8	21088	88 1/8	21503	91 1/8	21785				
67 1/4	17119	70 1/4	17909	73 1/4	18659	76 1/4	19363	79 1/4	20013	82 1/4	20599	85 1/4	21107	88 1/4	21518	91 1/4	21792				
67 3/8	17153	70 3/8	17941	73 3/8	18689	76 3/8	19391	79 3/8	20038	82 3/8	20621	85 3/8	21126	88 3/8	21533	91 3/8	21799				
67 1/2	17186	70 1/2	17973	73 1/2	18719	76 1/2	19419	79 1/2	20064	82 1/2	20644	85 1/2	21145	88 1/2	21547	91 1/2	21806				
67 5/8	17220	70 5/8	18005	73 5/8	18749	76 5/8	19447	79 5/8	20090	82 5/8	20667	85 5/8	21164	88 5/8	21561	91 5/8	21812				
67 3/4	17253	70 3/4	18036	73 3/4	18779	76 3/4	19475	79 3/4	20115	82 3/4	20689	85 3/4	21183	88 3/4	21575	91 3/4	21818				
67 7/8	17287	70 7/8	18068	73 7/8	18809	76 7/8	19503	79 7/8	20140	82 7/8	20711	85 7/8	21202	88 7/8	21589	91 7/8	21822				
68	17320	71	18100	74	18839	77	19531	80	20166	83	20734	86	21220	89	21602	92	21826				
68 1/8	17353	71 1/8	18132	74 1/8	18869	77 1/8	19558	80 1/8	20191	83 1/8	20756	86 1/8	21238	89 1/8	21615	92 1/8	21830				
68 1/4	17386	71 1/4	18163	74 1/4	18899	77 1/4	19586	80 1/4	20216	83 1/4	20777	86 1/4	21256	89 1/4	21628	92 1/4	21831				
68 3/8	17420	71 3/8	18195	74 3/8	18928	77 3/8	19613	80 3/8	20240	83 3/8	20799	86 3/8	21274	89 3/8	21641	92 3/8	21831				
68 1/2	17453	71 1/2	18226	74 1/2	18958	77 1/2	19641	80 1/2	20265	83 1/2	20821	86 1/2	21292	89 1/2	21653						
68 5/8	17486	71 5/8	18258	74 5/8	18987	77 5/8	19668	80 5/8	20290	83 5/8	20842	86 5/8	21309	89 5/8	21665						
68 3/4	17518	71 3/4	18289	74 3/4	19017	77 3/4	19695	80 3/4	20314	83 3/4	20863	86 3/4	21327	89 3/4	21677						
68 7/8	17551	71 7/8	18320	74 7/8	19046	77 7/8	19722	80 7/8	20339	83 7/8	20885	86 7/8	21344	89 7/8	21688						

** PRECISION IS ABOUT +/- 1%