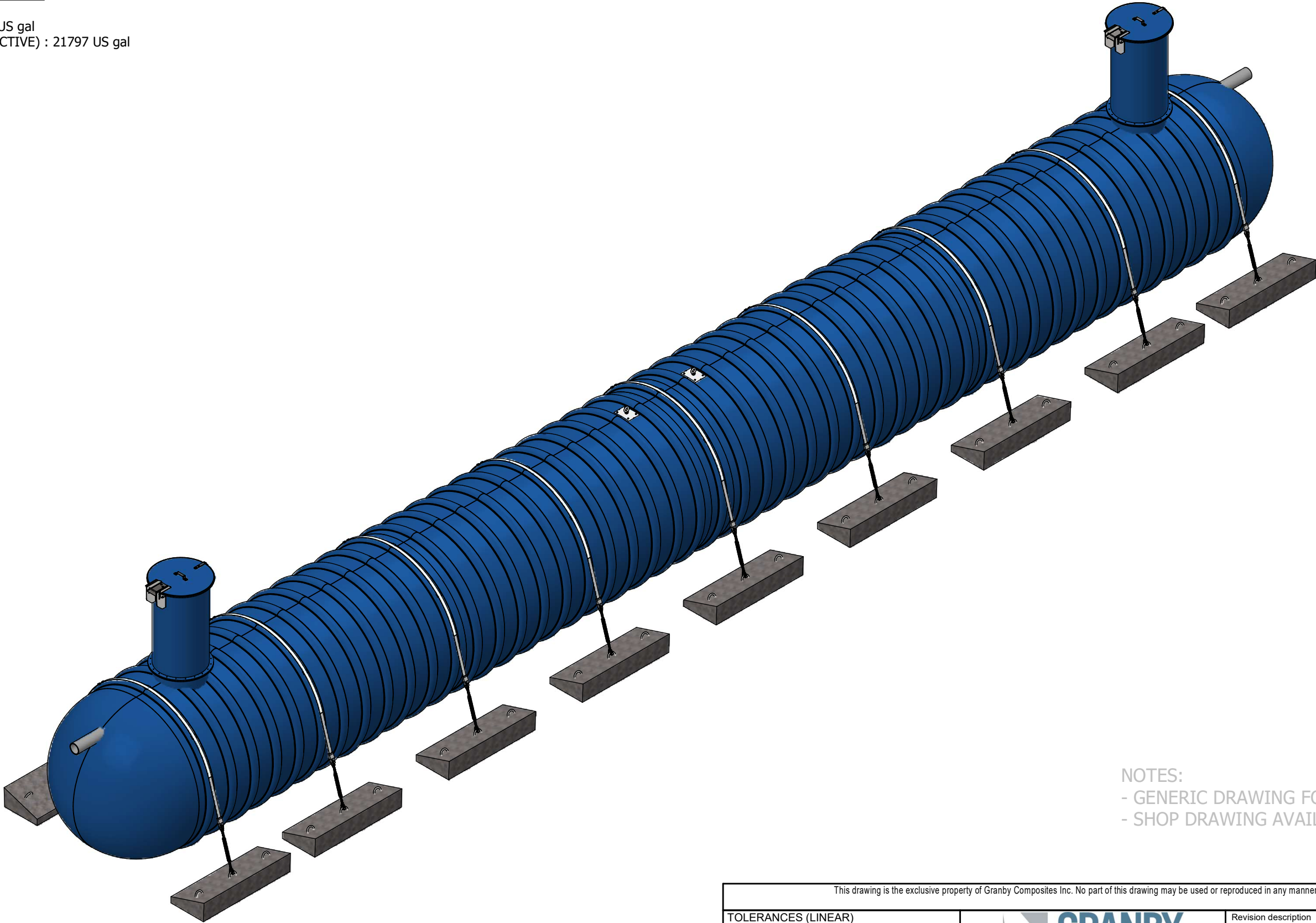


NN08470889FS

FIBERGLASS TANK
 TOTAL CAPACITY : 24218 US gal
 NOMINAL CAPACITY (EFFECTIVE) : 21797 US gal

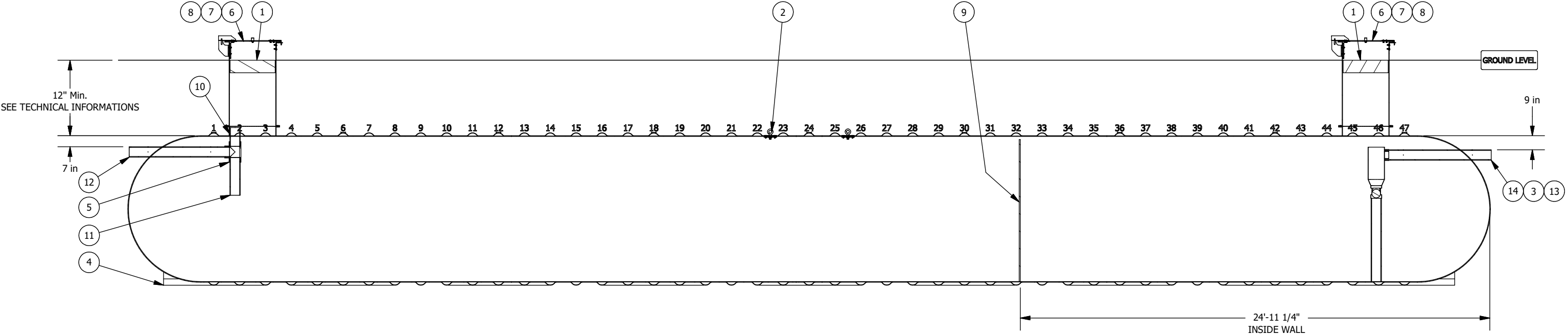
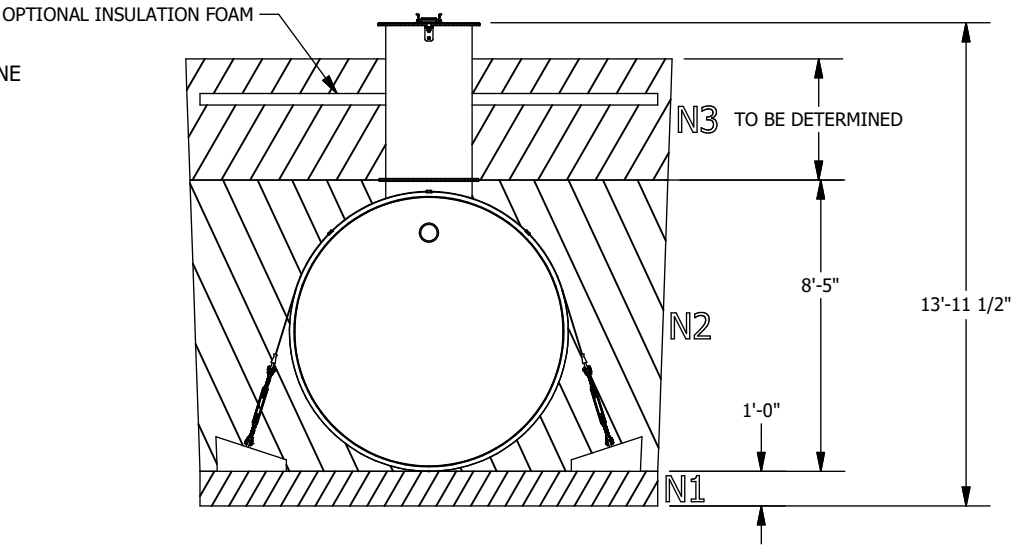


NOTES:
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 - SHOP DRAWING AVAILABLE ON REQUEST

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TOLERANCES (LINEAR)			Revision description		
FEET DIM. -> ± 1%			Format B	Part no. NN08470889FS	REV 02.
0.0 -> ± 0.5"					
TOLERANCES (ANGULAR)		Drawn by O. Marin	19/01/2024		
0 -> ± 2 DEG.					
0.0 -> ± 0.5 DEG.					
Weight : 8741 Lb		Approved by :		Title 8' Dia. TANK - 24218 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	9	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 (53"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

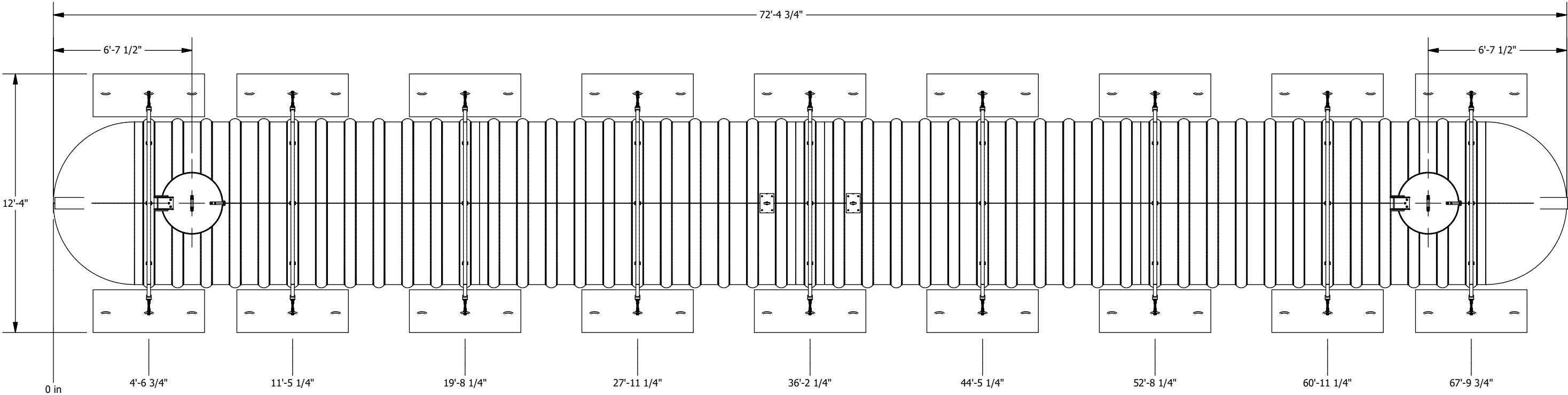
Technical informations

- Burrial depth: According to the geotechnical installation conditions
- Inside Diameter : 92.25"
- (If required) Quantity of fiberglass anchoring straps : 9
- (If required) Quantity of reinforced concrete deadman anchors : 18
- 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. NN08470889FS
TOLERANCES (ANGULAR) 0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG. 0.00 -> ± 0.1 DEG.		Drawn by O. Marin		19/01/2024	
Weight : 8741 Lb		Approved by :		Title 8' Dia. TANK - 24218 US gal	
Client		# Projet			
		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"			 GRANBY COMPOSITES Drawn by O. Marin Approved by :			Revision description				
						Format B	Part no. NN08470889FS		REV 02.	
TOLERANCES (ANGULAR) 0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG. 0.00 -> ± 0.1 DEG.						Title				
Weight : 8741 Lb						8' Dia. TANK - 24218 US gal				
Client		# Project			Sheet 3 / 4					



-

Fiberglass Strap Guide

Directly installed on the tank



CAPACITY CHART FOR NN08470889 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	641	12	1799	18	3261	24	4939	30	6772	36	8711	42	10715	48	12744	54	14762	60	16730
1/8	2	6 1/8	662	12 1/8	1826	18 1/8	3294	24 1/8	4976	30 1/8	6811	36 1/8	8752	42 1/8	10757	48 1/8	12786	54 1/8	14804	60 1/8	16770
1/4	6	6 1/4	682	12 1/4	1854	18 1/4	3327	24 1/4	5013	30 1/4	6851	36 1/4	8793	42 1/4	10799	48 1/4	12829	54 1/4	14845	60 1/4	16810
3/8	10	6 3/8	702	12 3/8	1882	18 3/8	3360	24 3/8	5050	30 3/8	6890	36 3/8	8835	42 3/8	10841	48 3/8	12871	54 3/8	14887	60 3/8	16851
1/2	16	6 1/2	723	12 1/2	1910	18 1/2	3394	24 1/2	5087	30 1/2	6930	36 1/2	8876	42 1/2	10883	48 1/2	12913	54 1/2	14928	60 1/2	16891
5/8	22	6 5/8	744	12 5/8	1939	18 5/8	3427	24 5/8	5124	30 5/8	6969	36 5/8	8917	42 5/8	10925	48 5/8	12956	54 5/8	14970	60 5/8	16931
3/4	29	6 3/4	765	12 3/4	1967	18 3/4	3460	24 3/4	5161	30 3/4	7009	36 3/4	8959	42 3/4	10968	48 3/4	12998	54 3/4	15012	60 3/4	16971
7/8	36	6 7/8	786	12 7/8	1996	18 7/8	3494	24 7/8	5198	30 7/8	7049	36 7/8	9000	42 7/8	11010	48 7/8	13040	54 7/8	15053	60 7/8	17011
1	44	7	808	13	2024	19	3528	25	5235	31	7089	37	9041	43	11052	49	13082	55	15095	61	17051
1 1/8	52	7 1/8	829	13 1/8	2053	19 1/8	3561	25 1/8	5272	31 1/8	7129	37 1/8	9083	43 1/8	11094	49 1/8	13125	55 1/8	15136	61 1/8	17090
1 1/4	61	7 1/4	851	13 1/4	2082	19 1/4	3595	25 1/4	5310	31 1/4	7168	37 1/4	9124	43 1/4	11137	49 1/4	13167	55 1/4	15177	61 1/4	17130
1 3/8	71	7 3/8	873	13 3/8	2111	19 3/8	3629	25 3/8	5347	31 3/8	7208	37 3/8	9166	43 3/8	11179	49 3/8	13209	55 3/8	15219	61 3/8	17170
1 1/2	80	7 1/2	895	13 1/2	2140	19 1/2	3663	25 1/2	5385	31 1/2	7248	37 1/2	9207	43 1/2	11221	49 1/2	13251	55 1/2	15260	61 1/2	17210
1 5/8	91	7 5/8	917	13 5/8	2169	19 5/8	3697	25 5/8	5422	31 5/8	7288	37 5/8	9249	43 5/8	11263	49 5/8	13293	55 5/8	15302	61 5/8	17249
1 3/4	101	7 3/4	940	13 3/4	2199	19 3/4	3731	25 3/4	5460	31 3/4	7328	37 3/4	9290	43 3/4	11306	49 3/4	13336	55 3/4	15343	61 3/4	17289
1 7/8	112	7 7/8	963	13 7/8	2228	19 7/8	3765	25 7/8	5498	31 7/8	7368	37 7/8	9332	43 7/8	11348	49 7/8	13378	55 7/8	15384	61 7/8	17329
2	124	8	985	14	2258	20	3800	26	5535	32	7408	38	9374	44	11390	50	13420	56	15426	62	17368
2 1/8	136	8 1/8	1008	14 1/8	2287	20 1/8	3834	26 1/8	5573	32 1/8	7449	38 1/8	9415	44 1/8	11432	50 1/8	13462	56 1/8	15467	62 1/8	17408
2 1/4	148	8 1/4	1032	14 1/4	2317	20 1/4	3869	26 1/4	5611	32 1/4	7489	38 1/4	9457	44 1/4	11475	50 1/4	13504	56 1/4	15508	62 1/4	17447
2 3/8	160	8 3/8	1055	14 3/8	2347	20 3/8	3903	26 3/8	5649	32 3/8	7529	38 3/8	9499	44 3/8	11517	50 3/8	13546	56 3/8	15549	62 3/8	17487
2 1/2	173	8 1/2	1079	14 1/2	2377	20 1/2	3938	26 1/2	5687	32 1/2	7569	38 1/2	9540	44 1/2	11559	50 1/2	13589	56 1/2	15590	62 1/2	17526
2 5/8	186	8 5/8	1102	14 5/8	2407	20 5/8	3973	26 5/8	5725	32 5/8	7610	38 5/8	9582	44 5/8	11602	50 5/8	13631	56 5/8	15632	62 5/8	17565
2 3/4	199	8 3/4	1126	14 3/4	2437	20 3/4	4007	26 3/4	5763	32 3/4	7650	38 3/4	9624	44 3/4	11644	50 3/4	13673	56 3/4	15673	62 3/4	17605
2 7/8	213	8 7/8	1150	14 7/8	2468	20 7/8	4042	26 7/8	5801	32 7/8	7690	38 7/8	9665	44 7/8	11686	50 7/8	13715	56 7/8	15714	62 7/8	17644
3	227	9	1174	15	2498	21	4077	27	5839	33	7731	39	9707	45	11729	51	13757	57	15755	63	17683
3 1/8	242	9 1/8	1199	15 1/8	2529	21 1/8	4112	27 1/8	5877	33 1/8	7771	39 1/8	9749	45 1/8	11771	51 1/8	13799	57 1/8	15796	63 1/8	17722
3 1/4	256	9 1/4	1223	15 1/4	2560	21 1/4	4147	27 1/4	5916	33 1/4	7812	39 1/4	9791	45 1/4	11813	51 1/4	13841	57 1/4	15837	63 1/4	17761
3 3/8	271	9 3/8	1248	15 3/8	2590	21 3/8	4183	27 3/8	5954	33 3/8	7852	39 3/8	9833	45 3/8	11855	51 3/8	13883	57 3/8	15878	63 3/8	17800
3 1/2	286	9 1/2	1272	15 1/2	2621	21 1/2	4218	27 1/2	5993	33 1/2	7893	39 1/2	9874	45 1/2	11898	51 1/2	13925	57 1/2	15919	63 1/2	17839
3 5/8	302	9 5/8	1297	15 5/8	2652	21 5/8	4253	27 5/8	6031	33 5/8	7933	39 5/8	9916	45 5/8	11940	51 5/8	13967	57 5/8	15960	63 5/8	17878
3 3/4	317	9 3/4	1322	15 3/4	2684	21 3/4	4289	27 3/4	6070	33 3/4	7974	39 3/4	9958	45 3/4	11982	51 3/4	14009	57 3/4	16000	63 3/4	17917
3 7/8	333	9 7/8	1348	15 7/8	2715	21 7/8	4324	27 7/8	6108	33 7/8	8015	39 7/8	10000	45 7/8	12025	51 7/8	14051	57 7/8	16041	63 7/8	17956
4	350	10	1373	16	2746	22	4360	28	6147	34	8055	40	10042	46	12067	52	14093	58	16082	64	17995
4 1/8	366	10 1/8	1399	16 1/8	2778	22 1/8	4396	28 1/8	6185	34 1/8	8096	40 1/8	10084	46 1/8	12109	52 1/8	14135	58 1/8	16123	64 1/8	18033
4 1/4	383	10 1/4	1424	16 1/4	2809	22 1/4	4431	28 1/4	6224	34 1/4	8137	40 1/4	10126	46 1/4	12152	52 1/4	14177	58 1/4	16164	64 1/4	18072
4 3/8	400	10 3/8	1450	16 3/8	2841	22 3/8	4467	28 3/8	6263	34 3/8	8178	40 3/8	10168	46 3/8	12194	52 3/8	14219	58 3/8	16204	64 3/8	18111
4 1/2	417	10 1/2	1476	16 1/2	2872	22 1/2	4503	28 1/2	6302	34 1/2	8218	40 1/2	10210	46 1/2	12236	52 1/2	14261	58 1/2	16245	64 1/2	18149
4 5/8	435	10 5/8	1502	16 5/8	2904	22 5/8	4539	28 5/8	6341	34 5/8	8259	40 5/8	10252	46 5/8	12279	52 5/8	14303	58 5/8	16286	64 5/8	18188
4 3/4	452	10 3/4	1529	16 3/4	2936	22 3/4	4575	28 3/4	6380	34 3/4	8300	40 3/4	10294	46 3/4	12321	52 3/4	14344	58 3/4	16326	64 3/4	18226
4 7/8	470	10 7/8	1555	16 7/8	2968	22 7/8	4611	28 7/8	6419	34 7/8	8341	40 7/8	10336	46 7/8	12363	52 7/8	14386	58 7/8	16367	64 7/8	18265
5	488	11	1581	17	3000	23	4647	29	6458	35	8382	41	10378	47	12406	53	14428	59	16407	65	18303
5 1/8	507	11 1/8	1608	17 1/8	3033	23 1/8	4683	29 1/8	6497	35 1/8	8423	41 1/8	10420	47 1/8	12448	53 1/8	14470	59 1/8	16448	65 1/8	18341
5 1/4	525	11 1/4	1635	17 1/4	3065	23 1/4	4720	29 1/4	6536	35 1/4	8464	41 1/4	10462	47 1/4	12490	53 1/4	14512	59 1/4	16488	65 1/4	18380
5 3/8	544	11 3/8	1662	17 3/8	3097	23 3/8	4756	29 3/8	6575	35 3/8	8505	41 3/8	10504	47 3/8	12533	53 3/8	14554	59 3/8	16529	65 3/8	18418
5 1/2	563	11 1/2	1689	17 1/2	3130	23 1/2	4793	29 1/2	6614	35 1/2	8546	41 1/2	10546	47 1/2	12575	53 1/2	14595	59 1/2	16569	65 1/2	18456
5 5/8	582	11 5/8	1716	17 5/8	3163	23 5/8	4829	29 5/8	6654	35 5/8	8587	41 5/8	10588	47 5/8	12617	53 5/8	14637	59 5/8	16609	65 5/8	18494
5 3/4	602	11 3/4	1744	17 3/4	3195	23 3/4	4866	29 3/4	6693	35 3/4	8629	41 3/4	10630	47 3/4	12660	53 3/4	14679	59 3/4	16650	65 3/4	18532
5 7/8	622	11 7/8	1771	17 7/8	3228	23 7/8	4902	29 7/8	6732	35 7/8	8670	41 7/8	10672	47 7/8	12702	53 7/8	14720	59 7/8	16690	65 7/8	18570

** PRECISION IS ABOUT +/- 1%



CAPACITY CHART FOR NN08470889 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	18608	69	19499	72	20350	75	21154	78	21902	81	22584	84	23187	87	23693	90	24071				
66 1/8	18646	69 1/8	19535	72 1/8	20385	75 1/8	21186	78 1/8	21932	81 1/8	22611	84 1/8	23210	87 1/8	23712	90 1/8	24083				
66 1/4	18684	69 1/4	19572	72 1/4	20419	75 1/4	21218	78 1/4	21961	81 1/4	22637	84 1/4	23233	87 1/4	23730	90 1/4	24095				
66 3/8	18721	69 3/8	19608	72 3/8	20453	75 3/8	21251	78 3/8	21991	81 3/8	22664	84 3/8	23256	87 3/8	23749	90 3/8	24106				
66 1/2	18759	69 1/2	19644	72 1/2	20488	75 1/2	21283	78 1/2	22020	81 1/2	22690	84 1/2	23279	87 1/2	23767	90 1/2	24118				
66 5/8	18797	69 5/8	19680	72 5/8	20522	75 5/8	21315	78 5/8	22050	81 5/8	22717	84 5/8	23301	87 5/8	23784	90 5/8	24128				
66 3/4	18834	69 3/4	19716	72 3/4	20556	75 3/4	21346	78 3/4	22079	81 3/4	22743	84 3/4	23324	87 3/4	23802	90 3/4	24138				
66 7/8	18872	69 7/8	19752	72 7/8	20590	75 7/8	21378	78 7/8	22108	81 7/8	22769	84 7/8	23346	87 7/8	23819	90 7/8	24148				
67	18909	70	19788	73	20624	76	21410	79	22137	82	22795	85	23368	88	23836	91	24158				
67 1/8	18946	70 1/8	19823	73 1/8	20658	76 1/8	21441	79 1/8	22166	82 1/8	22820	85 1/8	23390	88 1/8	23853	91 1/8	24166				
67 1/4	18984	70 1/4	19859	73 1/4	20691	76 1/4	21473	79 1/4	22195	82 1/4	22846	85 1/4	23411	88 1/4	23869	91 1/4	24175				
67 3/8	19021	70 3/8	19895	73 3/8	20725	76 3/8	21504	79 3/8	22223	82 3/8	22871	85 3/8	23433	88 3/8	23885	91 3/8	24183				
67 1/2	19058	70 1/2	19930	73 1/2	20758	76 1/2	21535	79 1/2	22252	82 1/2	22896	85 1/2	23454	88 1/2	23901	91 1/2	24190				
67 5/8	19095	70 5/8	19966	73 5/8	20792	76 5/8	21566	79 5/8	22280	82 5/8	22921	85 5/8	23475	88 5/8	23917	91 5/8	24197				
67 3/4	19132	70 3/4	20001	73 3/4	20825	76 3/4	21597	79 3/4	22308	82 3/4	22946	85 3/4	23496	88 3/4	23933	91 3/4	24203				
67 7/8	19169	70 7/8	20036	73 7/8	20859	76 7/8	21628	79 7/8	22337	82 7/8	22971	85 7/8	23517	88 7/8	23948	91 7/8	24208				
68	19206	71	20071	74	20892	77	21659	80	22365	83	22996	86	23537	89	23963	92	24213				
68 1/8	19243	71 1/8	20107	74 1/8	20925	77 1/8	21690	80 1/8	22392	83 1/8	23020	86 1/8	23557	89 1/8	23977	92 1/8	24216				
68 1/4	19280	71 1/4	20142	74 1/4	20958	77 1/4	21721	80 1/4	22420	83 1/4	23045	86 1/4	23577	89 1/4	23992	92 1/4	24218				
68 3/8	19317	71 3/8	20177	74 3/8	20991	77 3/8	21751	80 3/8	22448	83 3/8	23069	86 3/8	23597	89 3/8	24006	92 3/8	24218				
68 1/2	19353	71 1/2	20211	74 1/2	21024	77 1/2	21781	80 1/2	22475	83 1/2	23093	86 1/2	23617	89 1/2	24019						
68 5/8	19390	71 5/8	20246	74 5/8	21056	77 5/8	21812	80 5/8	22503	83 5/8	23117	86 5/8	23636	89 5/8	24033						
68 3/4	19426	71 3/4	20281	74 3/4	21089	77 3/4	21842	80 3/4	22530	83 3/4	23140	86 3/4	23656	89 3/4	24046						
68 7/8	19463	71 7/8	20316	74 7/8	21121	77 7/8	21872	80 7/8	22557	83 7/8	23164	86 7/8	23675	89 7/8	24059						

** PRECISION IS ABOUT +/- 1%