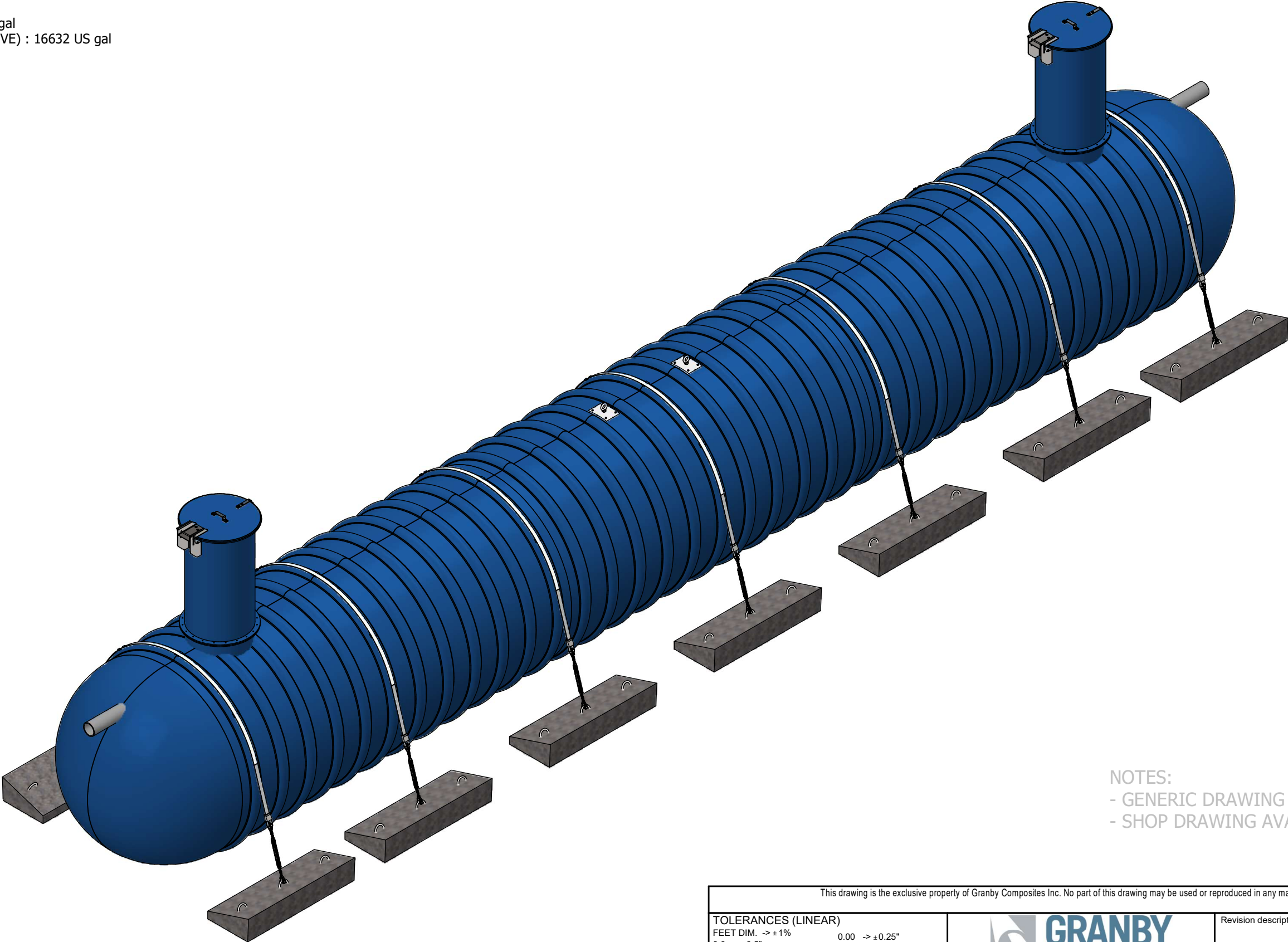


NN08350687FS

FIBERGLASS TANK
 TOTAL CAPACITY : 18489 US gal
 NOMINAL CAPACITY (EFFECTIVE) : 16632 US gal

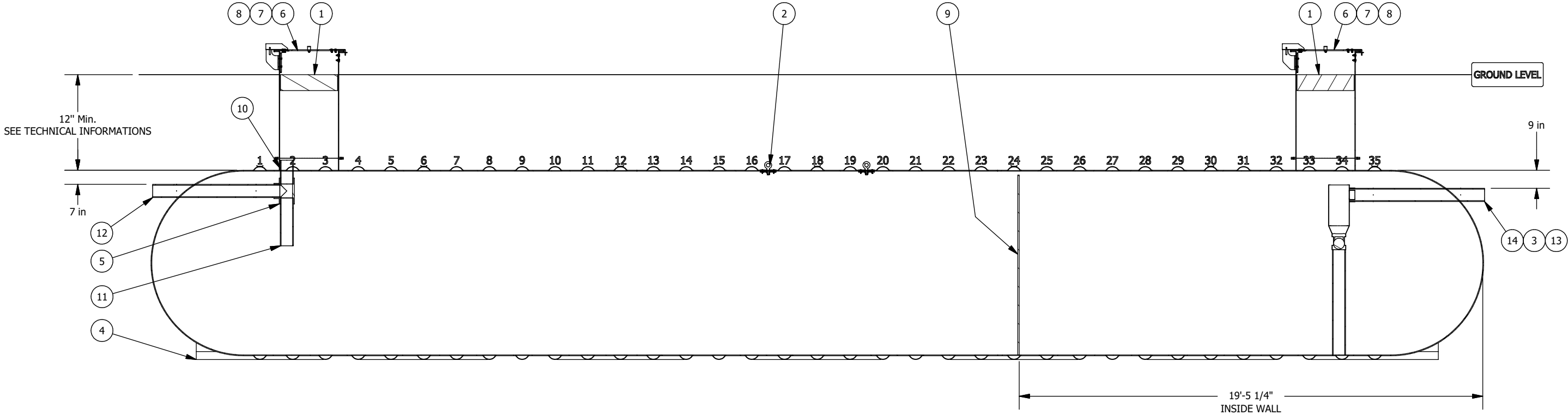
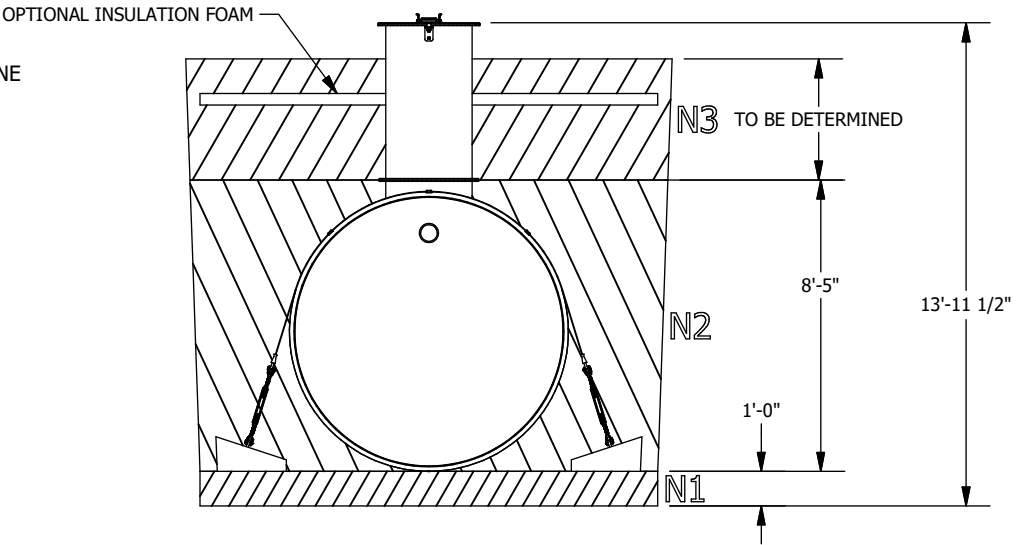


NOTES:
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 - SHOP DRAWING AVAILABLE ON REQUEST

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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 O. Marin	19/01/2024		Format B	Part no. NN08350687FS	REV 02.
0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG.			0.00 -> ± 0.1 DEG.				
Weight : 6933 Lb			Approved by :				
Client		# Projet		Sheet 1 / 4		Title 8' Dia. TANK - 18489 US gal	

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	7	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



Optional anchoring depending on the tank's environment

Technical informations

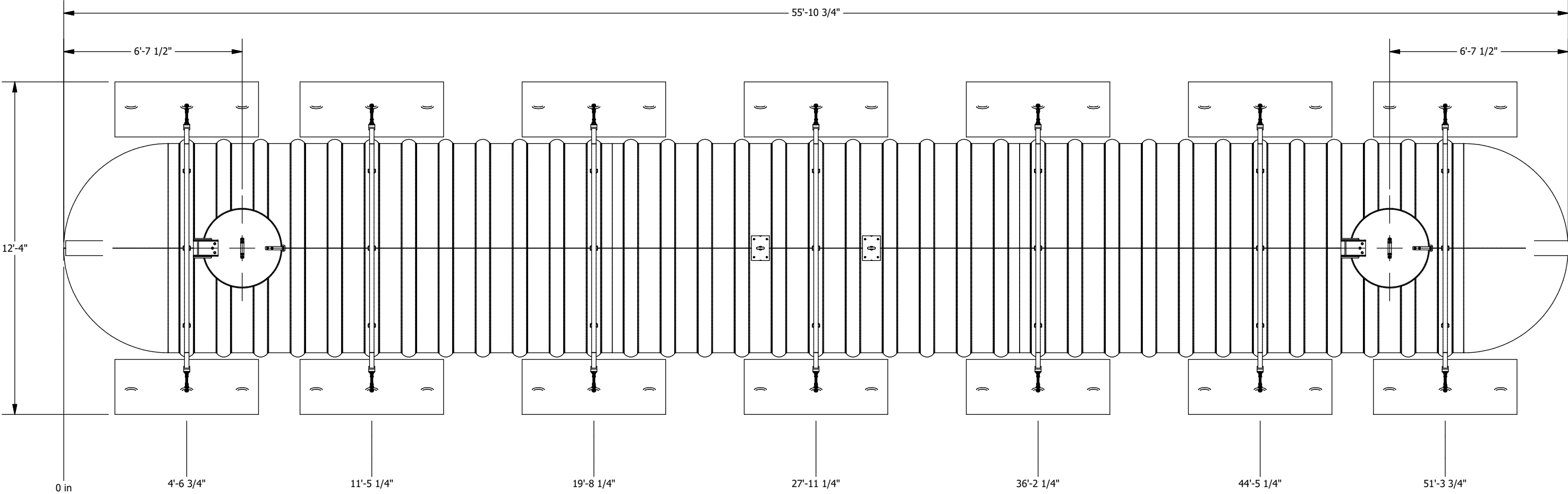
- Burrial depth: According to the geotechnical installation conditions
- Inside Diameter : 92.25"
- (If required) Quantity of fiberglass anchoring straps : 7
- (If required) Quantity of reinforced concrete deadman anchors : 14
- Simultaneous lifting by 2 lugs. The angle of the (chains or belts, etc.) 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
- 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.

SECTION ELEVATION VIEW

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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. NN08350687FS	REV 02.
Title					
8' Dia. TANK - 18489 US gal					
TOLERANCES (ANGULAR) 0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG. 0.00 -> ± 0.1 DEG.		Drawn by O. Marin	19/01/2024		
Weight : 6933 Lb		Approved by :			
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. NN08350687FS		REV 02.
TOLERANCES (ANGULAR)			Drawn by O. Marin			19/01/2024			Title 8' Dia. TANK - 18489 US gal	
0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG.			Approved by :							
Weight : 6933 Lb										
Client		# Project			Sheet 3 / 4					



-

Fiberglass Strap Guide

Directly installed on the tank



CAPACITY CHART FOR NN08350687 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	483	12	1361	18	2474	24	3754	30	5156	36	6641	42	8176	48	9731	54	11278	60	12785
1/8	2	6 1/8	499	12 1/8	1382	18 1/8	2499	24 1/8	3782	30 1/8	5186	36 1/8	6672	42 1/8	8208	48 1/8	9764	54 1/8	11310	60 1/8	12816
1/4	5	6 1/4	514	12 1/4	1403	18 1/4	2524	24 1/4	3811	30 1/4	5216	36 1/4	6704	42 1/4	8240	48 1/4	9796	54 1/4	11342	60 1/4	12847
3/8	8	6 3/8	529	12 3/8	1424	18 3/8	2549	24 3/8	3839	30 3/8	5246	36 3/8	6735	42 3/8	8273	48 3/8	9829	54 3/8	11374	60 3/8	12878
1/2	12	6 1/2	545	12 1/2	1446	18 1/2	2575	24 1/2	3867	30 1/2	5277	36 1/2	6767	42 1/2	8305	48 1/2	9861	54 1/2	11405	60 1/2	12908
5/8	17	6 5/8	561	12 5/8	1467	18 5/8	2600	24 5/8	3895	30 5/8	5307	36 5/8	6799	42 5/8	8337	48 5/8	9894	54 5/8	11437	60 5/8	12939
3/4	22	6 3/4	577	12 3/4	1489	18 3/4	2626	24 3/4	3924	30 3/4	5338	36 3/4	6830	42 3/4	8370	48 3/4	9926	54 3/4	11469	60 3/4	12969
7/8	27	6 7/8	593	12 7/8	1510	18 7/8	2651	24 7/8	3952	30 7/8	5368	36 7/8	6862	42 7/8	8402	48 7/8	9958	54 7/8	11501	60 7/8	13000
1	33	7	609	13	1532	19	2677	25	3981	31	5398	37	6894	43	8435	49	9991	55	11533	61	13031
1 1/8	39	7 1/8	625	13 1/8	1554	19 1/8	2703	25 1/8	4009	31 1/8	5429	37 1/8	6925	43 1/8	8467	49 1/8	10023	55 1/8	11564	61 1/8	13061
1 1/4	46	7 1/4	642	13 1/4	1576	19 1/4	2728	25 1/4	4038	31 1/4	5459	37 1/4	6957	43 1/4	8499	49 1/4	10055	55 1/4	11596	61 1/4	13092
1 3/8	53	7 3/8	658	13 3/8	1598	19 3/8	2754	25 3/8	4066	31 3/8	5490	37 3/8	6989	43 3/8	8532	49 3/8	10088	55 3/8	11628	61 3/8	13122
1 1/2	60	7 1/2	675	13 1/2	1620	19 1/2	2780	25 1/2	4095	31 1/2	5520	37 1/2	7021	43 1/2	8564	49 1/2	10120	55 1/2	11660	61 1/2	13152
1 5/8	68	7 5/8	692	13 5/8	1642	19 5/8	2806	25 5/8	4124	31 5/8	5551	37 5/8	7053	43 5/8	8596	49 5/8	10152	55 5/8	11691	61 5/8	13183
1 3/4	76	7 3/4	709	13 3/4	1665	19 3/4	2832	25 3/4	4152	31 3/4	5582	37 3/4	7084	43 3/4	8629	49 3/4	10185	55 3/4	11723	61 3/4	13213
1 7/8	84	7 7/8	726	13 7/8	1687	19 7/8	2858	25 7/8	4181	31 7/8	5612	37 7/8	7116	43 7/8	8661	49 7/8	10217	55 7/8	11755	61 7/8	13243
2	93	8	744	14	1710	20	2885	26	4210	32	5643	38	7148	44	8694	50	10249	56	11786	62	13274
2 1/8	102	8 1/8	761	14 1/8	1732	20 1/8	2911	26 1/8	4239	32 1/8	5674	38 1/8	7180	44 1/8	8726	50 1/8	10282	56 1/8	11818	62 1/8	13304
2 1/4	111	8 1/4	779	14 1/4	1755	20 1/4	2937	26 1/4	4268	32 1/4	5705	38 1/4	7212	44 1/4	8758	50 1/4	10314	56 1/4	11849	62 1/4	13334
2 3/8	120	8 3/8	796	14 3/8	1778	20 3/8	2964	26 3/8	4297	32 3/8	5735	38 3/8	7244	44 3/8	8791	50 3/8	10346	56 3/8	11881	62 3/8	13364
2 1/2	130	8 1/2	814	14 1/2	1800	20 1/2	2990	26 1/2	4326	32 1/2	5766	38 1/2	7276	44 1/2	8823	50 1/2	10379	56 1/2	11912	62 1/2	13394
2 5/8	140	8 5/8	832	14 5/8	1823	20 5/8	3016	26 5/8	4355	32 5/8	5797	38 5/8	7308	44 5/8	8856	50 5/8	10411	56 5/8	11944	62 5/8	13425
2 3/4	150	8 3/4	850	14 3/4	1846	20 3/4	3043	26 3/4	4384	32 3/4	5828	38 3/4	7340	44 3/4	8888	50 3/4	10443	56 3/4	11975	62 3/4	13455
2 7/8	160	8 7/8	868	14 7/8	1870	20 7/8	3070	26 7/8	4413	32 7/8	5859	38 7/8	7372	44 7/8	8921	50 7/8	10475	56 7/8	12007	62 7/8	13485
3	171	9	887	15	1893	21	3096	27	4442	33	5890	39	7404	45	8953	51	10508	57	12038	63	13515
3 1/8	182	9 1/8	905	15 1/8	1916	21 1/8	3123	27 1/8	4472	33 1/8	5921	39 1/8	7436	45 1/8	8985	51 1/8	10540	57 1/8	12070	63 1/8	13545
3 1/4	193	9 1/4	924	15 1/4	1939	21 1/4	3150	27 1/4	4501	33 1/4	5952	39 1/4	7468	45 1/4	9018	51 1/4	10572	57 1/4	12101	63 1/4	13574
3 3/8	204	9 3/8	942	15 3/8	1963	21 3/8	3177	27 3/8	4530	33 3/8	5983	39 3/8	7500	45 3/8	9050	51 3/8	10604	57 3/8	12133	63 3/8	13604
3 1/2	215	9 1/2	961	15 1/2	1986	21 1/2	3204	27 1/2	4560	33 1/2	6014	39 1/2	7532	45 1/2	9083	51 1/2	10637	57 1/2	12164	63 1/2	13634
3 5/8	227	9 5/8	980	15 5/8	2010	21 5/8	3231	27 5/8	4589	33 5/8	6045	39 5/8	7564	45 5/8	9115	51 5/8	10669	57 5/8	12195	63 5/8	13664
3 3/4	239	9 3/4	999	15 3/4	2034	21 3/4	3258	27 3/4	4619	33 3/4	6076	39 3/4	7596	45 3/4	9148	51 3/4	10701	57 3/4	12227	63 3/4	13694
3 7/8	251	9 7/8	1018	15 7/8	2057	21 7/8	3285	27 7/8	4648	33 7/8	6107	39 7/8	7628	45 7/8	9180	51 7/8	10733	57 7/8	12258	63 7/8	13723
4	263	10	1038	16	2081	22	3312	28	4678	34	6138	40	7660	46	9213	52	10765	58	12289	64	13753
4 1/8	275	10 1/8	1057	16 1/8	2105	22 1/8	3339	28 1/8	4707	34 1/8	6170	40 1/8	7692	46 1/8	9245	52 1/8	10797	58 1/8	12320	64 1/8	13783
4 1/4	288	10 1/4	1076	16 1/4	2129	22 1/4	3367	28 1/4	4737	34 1/4	6201	40 1/4	7725	46 1/4	9277	52 1/4	10830	58 1/4	12351	64 1/4	13812
4 3/8	301	10 3/8	1096	16 3/8	2153	22 3/8	3394	28 3/8	4767	34 3/8	6232	40 3/8	7757	46 3/8	9310	52 3/8	10862	58 3/8	12383	64 3/8	13842
4 1/2	314	10 1/2	1116	16 1/2	2178	22 1/2	3421	28 1/2	4796	34 1/2	6263	40 1/2	7789	46 1/2	9342	52 1/2	10894	58 1/2	12414	64 1/2	13871
4 5/8	327	10 5/8	1136	16 5/8	2202	22 5/8	3449	28 5/8	4826	34 5/8	6295	40 5/8	7821	46 5/8	9375	52 5/8	10926	58 5/8	12445	64 5/8	13901
4 3/4	340	10 3/4	1155	16 3/4	2226	22 3/4	3476	28 3/4	4856	34 3/4	6326	40 3/4	7853	46 3/4	9407	52 3/4	10958	58 3/4	12476	64 3/4	13930
4 7/8	354	10 7/8	1176	16 7/8	2251	22 7/8	3504	28 7/8	4886	34 7/8	6357	40 7/8	7886	46 7/8	9440	52 7/8	10990	58 7/8	12507	64 7/8	13960
5	368	11	1196	17	2275	23	3531	29	4915	35	6389	41	7918	47	9472	53	11022	59	12538	65	13989
5 1/8	382	11 1/8	1216	17 1/8	2300	23 1/8	3559	29 1/8	4945	35 1/8	6420	41 1/8	7950	47 1/8	9504	53 1/8	11054	59 1/8	12569	65 1/8	14018
5 1/4	396	11 1/4	1236	17 1/4	2324	23 1/4	3587	29 1/4	4975	35 1/4	6452	41 1/4	7982	47 1/4	9537	53 1/4	11086	59 1/4	12600	65 1/4	14047
5 3/8	410	11 3/8	1257	17 3/8	2349	23 3/8	3615	29 3/8	5005	35 3/8	6483	41 3/8	8014	47 3/8	9569	53 3/8	11118	59 3/8	12631	65 3/8	14077
5 1/2	424	11 1/2	1277	17 1/2	2374	23 1/2	3642	29 1/2	5035	35 1/2	6514	41 1/2	8047	47 1/2	9602	53 1/2	11150	59 1/2	12662	65 1/2	14106
5 5/8	439	11 5/8	1298	17 5/8	2399	23 5/8	3670	29 5/8	5065	35 5/8	6546	41 5/8	8079	47 5/8	9634	53 5/8	11182	59 5/8	12693	65 5/8	14135
5 3/4	453	11 3/4	1319	17 3/4	2424	23 3/4	3698	29 3/4	5095	35 3/4	6577	41 3/4	8111	47 3/4	9667	53 3/4	11214	59 3/4	12724	65 3/4	14164
5 7/8	468	11 7/8	1340	17 7/8	2449	23 7/8	3726	29 7/8	5126	35 7/8	6609	41 7/8	8144	47 7/8	9699	53 7/8	11246	59 7/8	12754	65 7/8	14193

** PRECISION IS ABOUT +/- 1%



CAPACITY CHART FOR NN08350687 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	14222	69	14903	72	15553	75	16166	78	16735	81	17254	84	17711	87	18094	90	18379				
66 1/8	14251	69 1/8	14931	72 1/8	15579	75 1/8	16190	78 1/8	16758	81 1/8	17274	84 1/8	17729	87 1/8	18108	90 1/8	18388				
66 1/4	14280	69 1/4	14958	72 1/4	15605	75 1/4	16215	78 1/4	16780	81 1/4	17294	84 1/4	17746	87 1/4	18122	90 1/4	18397				
66 3/8	14309	69 3/8	14986	72 3/8	15632	75 3/8	16239	78 3/8	16803	81 3/8	17314	84 3/8	17764	87 3/8	18136	90 3/8	18406				
66 1/2	14337	69 1/2	15014	72 1/2	15658	75 1/2	16264	78 1/2	16825	81 1/2	17334	84 1/2	17781	87 1/2	18149	90 1/2	18414				
66 5/8	14366	69 5/8	15041	72 5/8	15684	75 5/8	16288	78 5/8	16848	81 5/8	17354	84 5/8	17798	87 5/8	18163	90 5/8	18422				
66 3/4	14395	69 3/4	15069	72 3/4	15710	75 3/4	16312	78 3/4	16870	81 3/4	17374	84 3/4	17815	87 3/4	18176	90 3/4	18429				
66 7/8	14424	69 7/8	15096	72 7/8	15736	75 7/8	16336	78 7/8	16892	81 7/8	17394	84 7/8	17832	87 7/8	18189	90 7/8	18437				
67	14452	70	15123	73	15761	76	16361	79	16914	82	17414	85	17848	88	18202	91	18444				
67 1/8	14481	70 1/8	15151	73 1/8	15787	76 1/8	16385	79 1/8	16936	82 1/8	17433	85 1/8	17865	88 1/8	18214	91 1/8	18451				
67 1/4	14509	70 1/4	15178	73 1/4	15813	76 1/4	16409	79 1/4	16958	82 1/4	17452	85 1/4	17881	88 1/4	18227	91 1/4	18457				
67 3/8	14538	70 3/8	15205	73 3/8	15839	76 3/8	16432	79 3/8	16980	82 3/8	17472	85 3/8	17897	88 3/8	18239	91 3/8	18463				
67 1/2	14566	70 1/2	15232	73 1/2	15864	76 1/2	16456	79 1/2	17001	82 1/2	17491	85 1/2	17913	88 1/2	18251	91 1/2	18468				
67 5/8	14595	70 5/8	15259	73 5/8	15890	76 5/8	16480	79 5/8	17023	82 5/8	17510	85 5/8	17929	88 5/8	18263	91 5/8	18473				
67 3/4	14623	70 3/4	15286	73 3/4	15915	76 3/4	16504	79 3/4	17044	82 3/4	17529	85 3/4	17945	88 3/4	18275	91 3/4	18478				
67 7/8	14651	70 7/8	15313	73 7/8	15941	76 7/8	16527	79 7/8	17066	82 7/8	17548	85 7/8	17961	88 7/8	18286	91 7/8	18482				
68	14679	71	15340	74	15966	77	16551	80	17087	83	17566	86	17976	89	18297	92	18485				
68 1/8	14707	71 1/8	15367	74 1/8	15991	77 1/8	16574	80 1/8	17108	83 1/8	17585	86 1/8	17991	89 1/8	18308	92 1/8	18488				
68 1/4	14736	71 1/4	15394	74 1/4	16016	77 1/4	16597	80 1/4	17129	83 1/4	17603	86 1/4	18007	89 1/4	18319	92 1/4	18489				
68 3/8	14764	71 3/8	15420	74 3/8	16041	77 3/8	16620	80 3/8	17150	83 3/8	17622	86 3/8	18022	89 3/8	18330	92 3/8	18489				
68 1/2	14792	71 1/2	15447	74 1/2	16066	77 1/2	16644	80 1/2	17171	83 1/2	17640	86 1/2	18036	89 1/2	18340						
68 5/8	14820	71 5/8	15473	74 5/8	16091	77 5/8	16667	80 5/8	17192	83 5/8	17658	86 5/8	18051	89 5/8	18350						
68 3/4	14847	71 3/4	15500	74 3/4	16116	77 3/4	16689	80 3/4	17213	83 3/4	17676	86 3/4	18066	89 3/4	18360						
68 7/8	14875	71 7/8	15526	74 7/8	16141	77 7/8	16712	80 7/8	17233	83 7/8	17694	86 7/8	18080	89 7/8	18370						

** PRECISION IS ABOUT +/- 1%