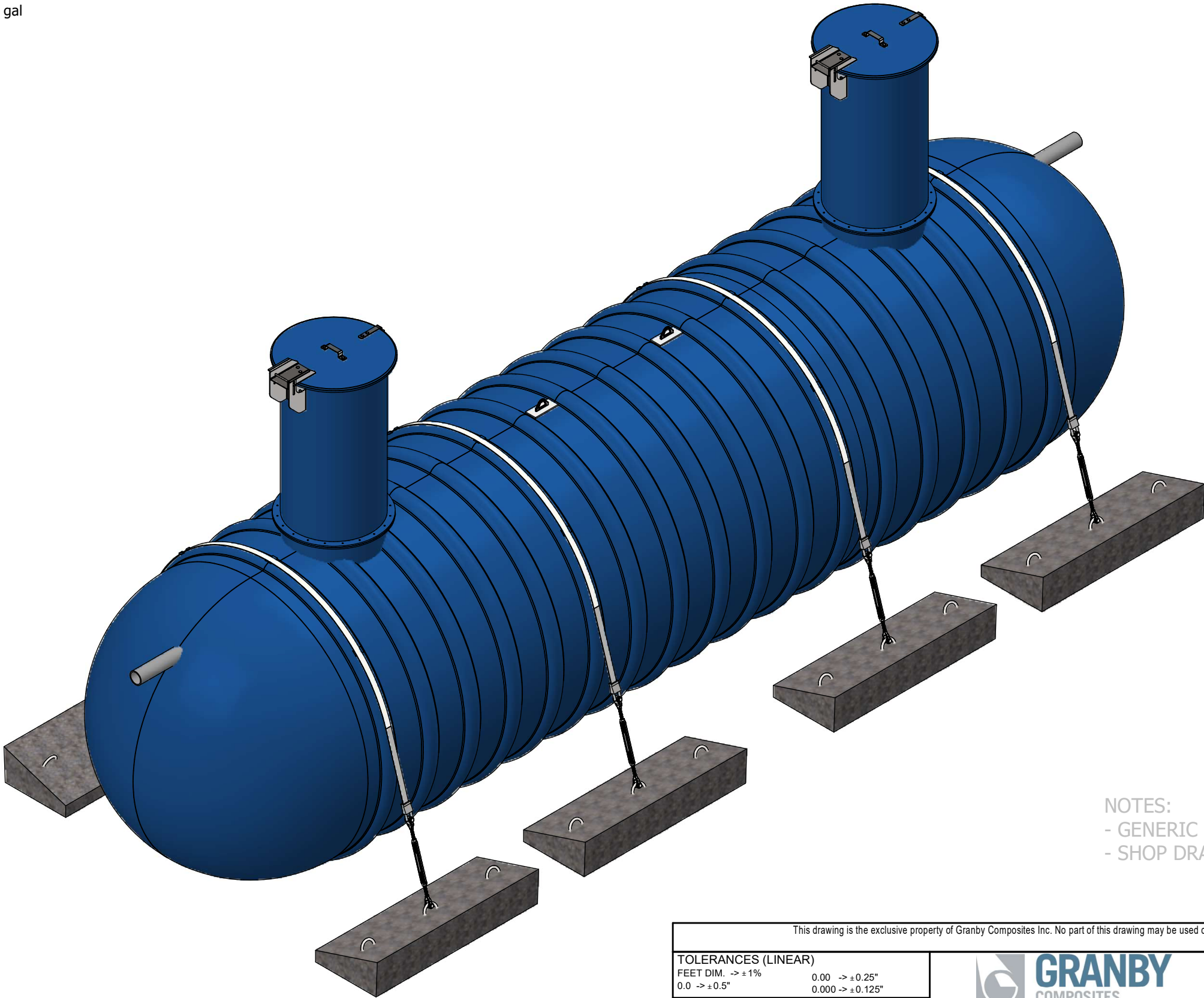


NN08170349FS

FIBERGLASS TANK
TOTAL CAPACITY : 9896 US gal
NOMINAL CAPACITY (EFFECTIVE) : 8906 US gal

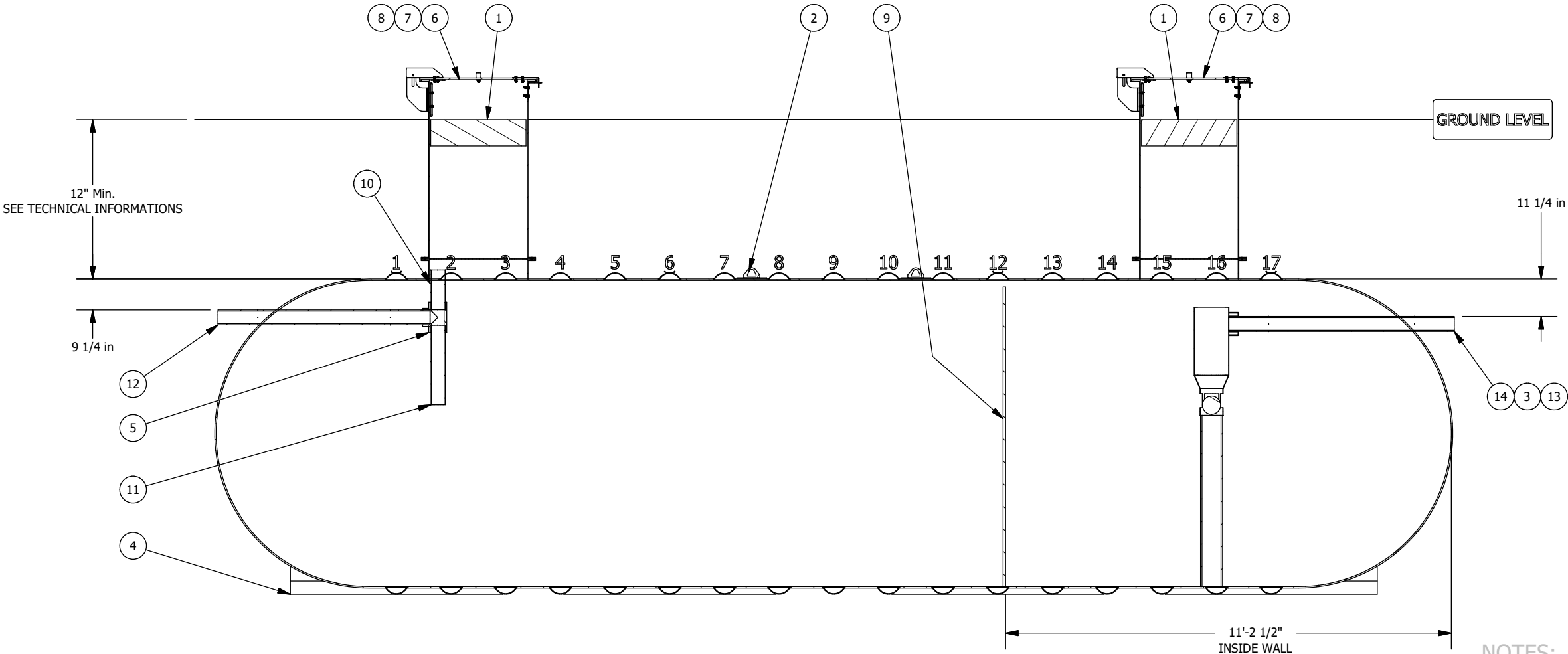
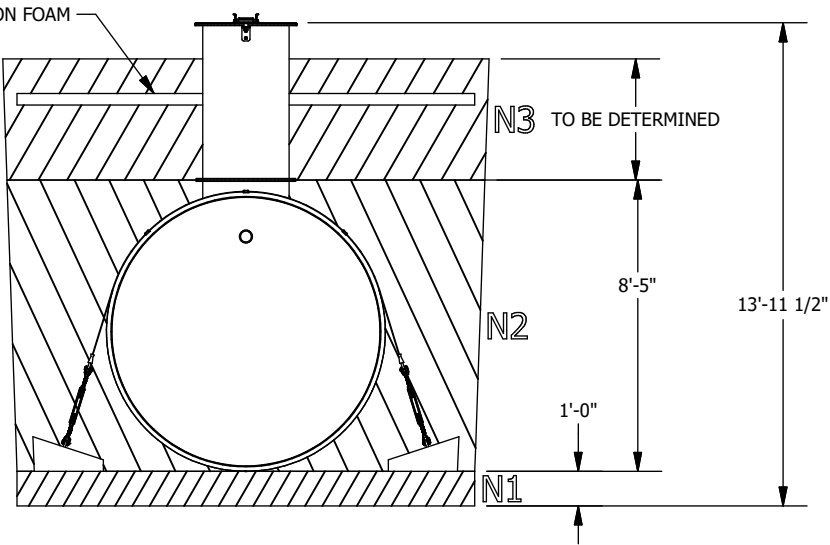


NOTES:
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- SHOP DRAWING AVAILABLE ON REQUEST

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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. NN08170349FS		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 - 9896 US gal			
Weight : 4178 Lb		Approved by :							
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	ADPGILP001	2	LIFTING LUGS	
3	AEDPL52500	1	Polylok PL-525 PREFILTER	
4	ENSCOUR8	4	ANCHORING KIT	
5	FPT0400801	1	4" 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	TP80400G01 (12"L.)	1	4" SCH.80 - GREY PVC PIPE	
11	TP80400G01 (24"L.)	1	4" SCH.80 - GREY PVC PIPE	
12	TP80400G01 (64"L.)	1	4" SCH.80 - GREY PVC PIPE	
13	TP80600G01 (51.625"L.)	1	6" SCH.80 - GREY PVC PIPE	
14	TP80400G01 (68"L.)	1	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

SECTION ELEVATION VIEW

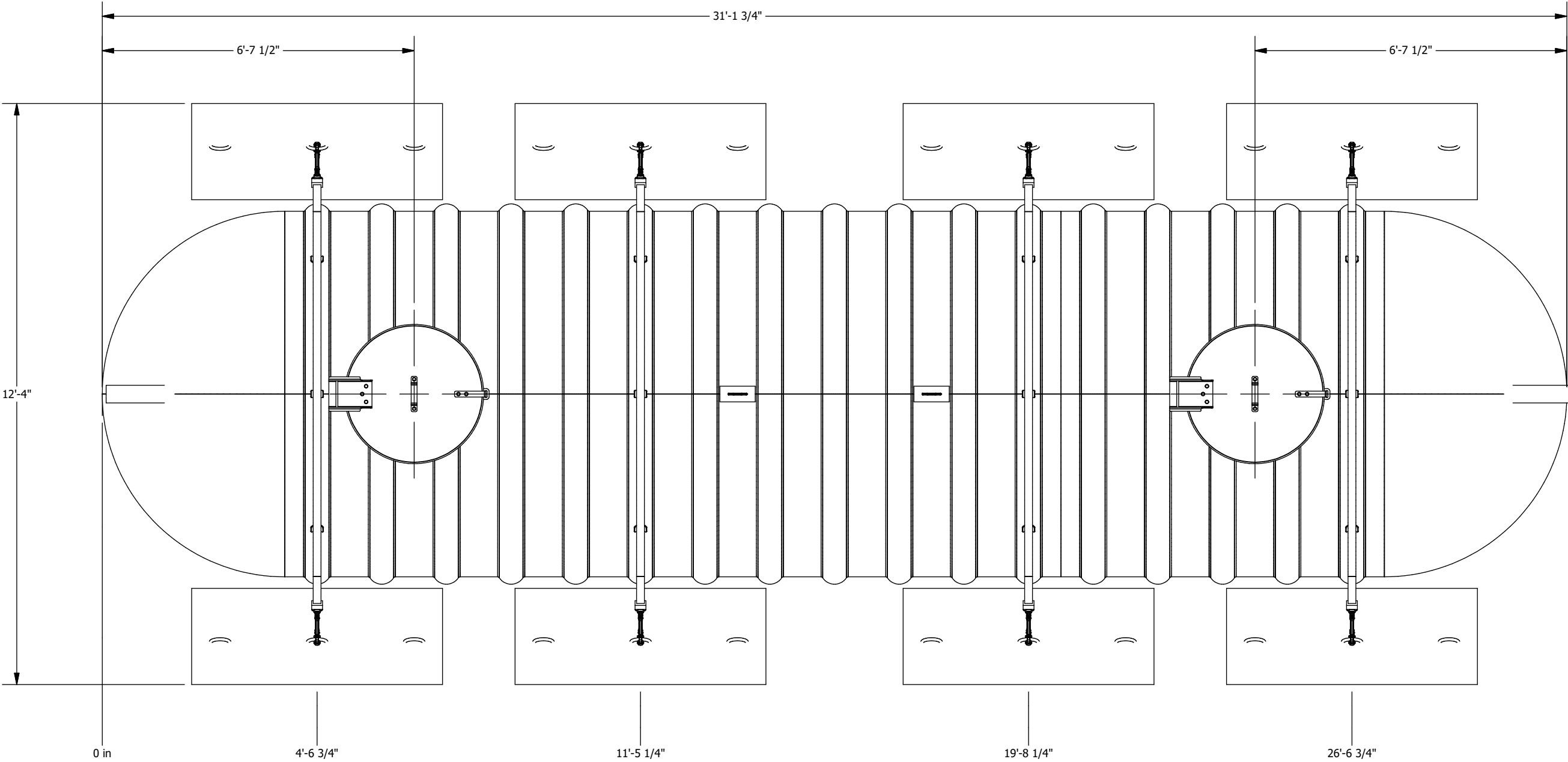
NOTES:
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Technical informations

- Burrial depth: According to the geotechnical installation conditions
- Inside Diameter : 92.25"
- (If required) Quantity of fiberglass anchoring straps : 4
- (If required) Quantity of reinforced concrete deadman anchors : 8
- 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)		 GRANBY COMPOSITES		Revision description		
FEET DIM. -> ± 1% 0.0 -> ± 0.5"						
0.00 -> ± 0.25" 0.000 -> ± 0.125"				Format	Part no.	REV
TOLERANCES (ANGULAR)		Drawn by		B	NN08170349FS	02.
0 -> ± 2 DEG.		O. Marin		19/01/2024		
0.0 -> ± 0.5 DEG.		0.00 -> ± 0.1 DEG.		Title		
Weight :		Approved by :		8' Dia. TANK - 9896 US gal		
4178 Lb						
Client		# Projet		Sheet		
				2 / 4		



PLAN VIEW

NOTES:
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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. NN08170349FS
TOLERANCES (ANGULAR) 0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG. 0.00 -> ± 0.1 DEG.		Drawn by O. Marin		19/01/2024	
Weight : 4178 Lb		Approved by :		Title 8' Dia. TANK - 9896 US gal	
Client		# Project			
		Sheet		3 / 4	



-

Fiberglass Strap Guide

Directly installed on the tank



CAPACITY CHART FOR NN08170349 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	246	12	704	18	1293	24	1977	30	2732	36	3535	42	4368	48	5212	54	6052	60	6868
1/8	1	6 1/8	254	12 1/8	715	18 1/8	1306	24 1/8	1992	30 1/8	2748	36 1/8	3552	42 1/8	4385	48 1/8	5230	54 1/8	6069	60 1/8	6885
1/4	2	6 1/4	262	12 1/4	726	18 1/4	1320	24 1/4	2008	30 1/4	2765	36 1/4	3569	42 1/4	4403	48 1/4	5248	54 1/4	6086	60 1/4	6901
3/8	4	6 3/8	270	12 3/8	737	18 3/8	1333	24 3/8	2023	30 3/8	2781	36 3/8	3586	42 3/8	4420	48 3/8	5265	54 3/8	6104	60 3/8	6918
1/2	6	6 1/2	278	12 1/2	748	18 1/2	1347	24 1/2	2038	30 1/2	2797	36 1/2	3603	42 1/2	4438	48 1/2	5283	54 1/2	6121	60 1/2	6934
5/8	8	6 5/8	286	12 5/8	760	18 5/8	1360	24 5/8	2053	30 5/8	2814	36 5/8	3621	42 5/8	4455	48 5/8	5300	54 5/8	6138	60 5/8	6951
3/4	11	6 3/4	294	12 3/4	771	18 3/4	1374	24 3/4	2068	30 3/4	2830	36 3/4	3638	42 3/4	4473	48 3/4	5318	54 3/4	6155	60 3/4	6968
7/8	14	6 7/8	303	12 7/8	782	18 7/8	1387	24 7/8	2084	30 7/8	2846	36 7/8	3655	42 7/8	4491	48 7/8	5336	54 7/8	6173	60 7/8	6984
1	17	7	311	13	794	19	1401	25	2099	31	2863	37	3672	43	4508	49	5353	55	6190	61	7001
1 1/8	20	7 1/8	320	13 1/8	805	19 1/8	1415	25 1/8	2114	31 1/8	2879	37 1/8	3689	43 1/8	4526	49 1/8	5371	55 1/8	6207	61 1/8	7017
1 1/4	23	7 1/4	328	13 1/4	817	19 1/4	1428	25 1/4	2130	31 1/4	2896	37 1/4	3707	43 1/4	4543	49 1/4	5388	55 1/4	6224	61 1/4	7034
1 3/8	27	7 3/8	337	13 3/8	829	19 3/8	1442	25 3/8	2145	31 3/8	2912	37 3/8	3724	43 3/8	4561	49 3/8	5406	55 3/8	6241	61 3/8	7050
1 1/2	30	7 1/2	345	13 1/2	840	19 1/2	1456	25 1/2	2160	31 1/2	2929	37 1/2	3741	43 1/2	4578	49 1/2	5423	55 1/2	6259	61 1/2	7066
1 5/8	34	7 5/8	354	13 5/8	852	19 5/8	1470	25 5/8	2176	31 5/8	2945	37 5/8	3758	43 5/8	4596	49 5/8	5441	55 5/8	6276	61 5/8	7083
1 3/4	38	7 3/4	363	13 3/4	864	19 3/4	1484	25 3/4	2191	31 3/4	2962	37 3/4	3776	43 3/4	4614	49 3/4	5459	55 3/4	6293	61 3/4	7099
1 7/8	42	7 7/8	372	13 7/8	876	19 7/8	1498	25 7/8	2207	31 7/8	2979	37 7/8	3793	43 7/8	4631	49 7/8	5476	55 7/8	6310	61 7/8	7116
2	47	8	381	14	887	20	1512	26	2222	32	2995	38	3810	44	4649	50	5494	56	6327	62	7132
2 1/8	51	8 1/8	390	14 1/8	899	20 1/8	1526	26 1/8	2238	32 1/8	3012	38 1/8	3827	44 1/8	4666	50 1/8	5511	56 1/8	6344	62 1/8	7148
2 1/4	56	8 1/4	399	14 1/4	911	20 1/4	1540	26 1/4	2253	32 1/4	3028	38 1/4	3845	44 1/4	4684	50 1/4	5529	56 1/4	6361	62 1/4	7165
2 3/8	60	8 3/8	408	14 3/8	923	20 3/8	1554	26 3/8	2269	32 3/8	3045	38 3/8	3862	44 3/8	4702	50 3/8	5546	56 3/8	6379	62 3/8	7181
2 1/2	65	8 1/2	418	14 1/2	935	20 1/2	1568	26 1/2	2285	32 1/2	3062	38 1/2	3879	44 1/2	4719	50 1/2	5564	56 1/2	6396	62 1/2	7197
2 5/8	70	8 5/8	427	14 5/8	948	20 5/8	1582	26 5/8	2300	32 5/8	3078	38 5/8	3897	44 5/8	4737	50 5/8	5581	56 5/8	6413	62 5/8	7213
2 3/4	75	8 3/4	436	14 3/4	960	20 3/4	1596	26 3/4	2316	32 3/4	3095	38 3/4	3914	44 3/4	4754	50 3/4	5599	56 3/4	6430	62 3/4	7230
2 7/8	81	8 7/8	446	14 7/8	972	20 7/8	1611	26 7/8	2332	32 7/8	3112	38 7/8	3931	44 7/8	4772	50 7/8	5616	56 7/8	6447	62 7/8	7246
3	86	9	455	15	984	21	1625	27	2347	33	3129	39	3949	45	4790	51	5634	57	6464	63	7262
3 1/8	92	9 1/8	465	15 1/8	997	21 1/8	1639	27 1/8	2363	33 1/8	3145	39 1/8	3966	45 1/8	4807	51 1/8	5651	57 1/8	6481	63 1/8	7278
3 1/4	97	9 1/4	475	15 1/4	1009	21 1/4	1654	27 1/4	2379	33 1/4	3162	39 1/4	3984	45 1/4	4825	51 1/4	5669	57 1/4	6498	63 1/4	7294
3 3/8	103	9 3/8	484	15 3/8	1021	21 3/8	1668	27 3/8	2395	33 3/8	3179	39 3/8	4001	45 3/8	4843	51 3/8	5686	57 3/8	6515	63 3/8	7310
3 1/2	109	9 1/2	494	15 1/2	1034	21 1/2	1682	27 1/2	2410	33 1/2	3196	39 1/2	4018	45 1/2	4860	51 1/2	5704	57 1/2	6532	63 1/2	7326
3 5/8	115	9 5/8	504	15 5/8	1046	21 5/8	1697	27 5/8	2426	33 5/8	3213	39 5/8	4036	45 5/8	4878	51 5/8	5721	57 5/8	6549	63 5/8	7343
3 3/4	121	9 3/4	514	15 3/4	1059	21 3/4	1711	27 3/4	2442	33 3/4	3229	39 3/4	4053	45 3/4	4895	51 3/4	5739	57 3/4	6566	63 3/4	7359
3 7/8	127	9 7/8	524	15 7/8	1072	21 7/8	1726	27 7/8	2458	33 7/8	3246	39 7/8	4071	45 7/8	4913	51 7/8	5756	57 7/8	6583	63 7/8	7375
4	133	10	534	16	1084	22	1740	28	2474	34	3263	40	4088	46	4931	52	5774	58	6600	64	7391
4 1/8	139	10 1/8	544	16 1/8	1097	22 1/8	1755	28 1/8	2490	34 1/8	3280	40 1/8	4105	46 1/8	4948	52 1/8	5791	58 1/8	6617	64 1/8	7407
4 1/4	146	10 1/4	554	16 1/4	1110	22 1/4	1769	28 1/4	2506	34 1/4	3297	40 1/4	4123	46 1/4	4966	52 1/4	5809	58 1/4	6633	64 1/4	7422
4 3/8	152	10 3/8	565	16 3/8	1122	22 3/8	1784	28 3/8	2522	34 3/8	3314	40 3/8	4140	46 3/8	4983	52 3/8	5826	58 3/8	6650	64 3/8	7438
4 1/2	159	10 1/2	575	16 1/2	1135	22 1/2	1799	28 1/2	2538	34 1/2	3331	40 1/2	4158	46 1/2	5001	52 1/2	5843	58 1/2	6667	64 1/2	7454
4 5/8	166	10 5/8	585	16 5/8	1148	22 5/8	1813	28 5/8	2554	34 5/8	3348	40 5/8	4175	46 5/8	5019	52 5/8	5861	58 5/8	6684	64 5/8	7470
4 3/4	173	10 3/4	596	16 3/4	1161	22 3/4	1828	28 3/4	2570	34 3/4	3365	40 3/4	4193	46 3/4	5036	52 3/4	5878	58 3/4	6701	64 3/4	7486
4 7/8	180	10 7/8	606	16 7/8	1174	22 7/8	1843	28 7/8	2586	34 7/8	3382	40 7/8	4210	46 7/8	5054	52 7/8	5896	58 7/8	6718	64 7/8	7502
5	187	11	617	17	1187	23	1858	29	2602	35	3399	41	4228	47	5072	53	5913	59	6734	65	7518
5 1/8	194	11 1/8	628	17 1/8	1200	23 1/8	1873	29 1/8	2618	35 1/8	3416	41 1/8	4245	47 1/8	5089	53 1/8	5930	59 1/8	6751	65 1/8	7533
5 1/4	201	11 1/4	638	17 1/4	1213	23 1/4	1888	29 1/4	2635	35 1/4	3433	41 1/4	4263	47 1/4	5107	53 1/4	5948	59 1/4	6768	65 1/4	7549
5 3/8	208	11 3/8	649	17 3/8	1226	23 3/8	1902	29 3/8	2651	35 3/8	3450	41 3/8	4280	47 3/8	5124	53 3/8	5965	59 3/8	6785	65 3/8	7565
5 1/2	216	11 1/2	660	17 1/2	1240	23 1/2	1917	29 1/2	2667	35 1/2	3467	41 1/2	4298	47 1/2	5142	53 1/2	5982	59 1/2	6801	65 1/2	7581
5 5/8	223	11 5/8	671	17 5/8	1253	23 5/8	1932	29 5/8	2683	35 5/8	3484	41 5/8	4315	47 5/8	5160	53 5/8	6000	59 5/8	6818	65 5/8	7596
5 3/4	231	11 3/4	682	17 3/4	1266	23 3/4	1947	29 3/4	2699	35 3/4	3501	41 3/4	4333	47 3/4	5177	53 3/4	6017	59 3/4	6835	65 3/4	7612
5 7/8	238	11 7/8	693	17 7/8	1279	23 7/8	1962	29 7/8	2716	35 7/8	3518	41 7/8	4350	47 7/8	5195	53 7/8	6034	59 7/8	6851	65 7/8	7628

** PRECISION IS ABOUT +/- 1%



CAPACITY CHART FOR NN08170349 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	7643	69	8009	72	8357	75	8683	78	8985	81	9258	84	9497	87	9696	90	9841				
66 1/8	7659	69 1/8	8024	72 1/8	8371	75 1/8	8696	78 1/8	8997	81 1/8	9269	84 1/8	9507	87 1/8	9703	90 1/8	9845				
66 1/4	7674	69 1/4	8039	72 1/4	8385	75 1/4	8709	78 1/4	9009	81 1/4	9280	84 1/4	9516	87 1/4	9710	90 1/4	9850				
66 3/8	7690	69 3/8	8053	72 3/8	8399	75 3/8	8722	78 3/8	9021	81 3/8	9290	84 3/8	9525	87 3/8	9717	90 3/8	9854				
66 1/2	7705	69 1/2	8068	72 1/2	8413	75 1/2	8735	78 1/2	9033	81 1/2	9301	84 1/2	9533	87 1/2	9724	90 1/2	9858				
66 5/8	7721	69 5/8	8083	72 5/8	8427	75 5/8	8748	78 5/8	9045	81 5/8	9311	84 5/8	9542	87 5/8	9731	90 5/8	9862				
66 3/4	7736	69 3/4	8098	72 3/4	8440	75 3/4	8761	78 3/4	9056	81 3/4	9321	84 3/4	9551	87 3/4	9737	90 3/4	9866				
66 7/8	7752	69 7/8	8112	72 7/8	8454	75 7/8	8774	78 7/8	9068	81 7/8	9332	84 7/8	9560	87 7/8	9744	90 7/8	9870				
67	7767	70	8127	73	8468	76	8787	79	9080	82	9342	85	9568	88	9751	91	9873				
67 1/8	7782	70 1/8	8142	73 1/8	8482	76 1/8	8800	79 1/8	9091	82 1/8	9352	85 1/8	9577	88 1/8	9757	91 1/8	9877				
67 1/4	7798	70 1/4	8156	73 1/4	8496	76 1/4	8812	79 1/4	9103	82 1/4	9362	85 1/4	9585	88 1/4	9763	91 1/4	9880				
67 3/8	7813	70 3/8	8171	73 3/8	8509	76 3/8	8825	79 3/8	9114	82 3/8	9372	85 3/8	9594	88 3/8	9770	91 3/8	9883				
67 1/2	7828	70 1/2	8185	73 1/2	8523	76 1/2	8837	79 1/2	9126	82 1/2	9382	85 1/2	9602	88 1/2	9776	91 1/2	9886				
67 5/8	7843	70 5/8	8200	73 5/8	8536	76 5/8	8850	79 5/8	9137	82 5/8	9392	85 5/8	9610	88 5/8	9782	91 5/8	9888				
67 3/4	7859	70 3/4	8214	73 3/4	8550	76 3/4	8863	79 3/4	9148	82 3/4	9402	85 3/4	9619	88 3/4	9788	91 3/4	9890				
67 7/8	7874	70 7/8	8229	73 7/8	8563	76 7/8	8875	79 7/8	9159	82 7/8	9412	85 7/8	9627	88 7/8	9794	91 7/8	9892				
68	7889	71	8243	74	8577	77	8887	80	9171	83	9422	86	9635	89	9799	92	9894				
68 1/8	7904	71 1/8	8257	74 1/8	8590	77 1/8	8900	80 1/8	9182	83 1/8	9432	86 1/8	9643	89 1/8	9805	92 1/8	9895				
68 1/4	7919	71 1/4	8272	74 1/4	8604	77 1/4	8912	80 1/4	9193	83 1/4	9441	86 1/4	9650	89 1/4	9810	92 1/4	9896				
68 3/8	7934	71 3/8	8286	74 3/8	8617	77 3/8	8924	80 3/8	9204	83 3/8	9451	86 3/8	9658	89 3/8	9816	92 3/8	9896				
68 1/2	7949	71 1/2	8300	74 1/2	8630	77 1/2	8937	80 1/2	9215	83 1/2	9460	86 1/2	9666	89 1/2	9821						
68 5/8	7964	71 5/8	8314	74 5/8	8644	77 5/8	8949	80 5/8	9226	83 5/8	9470	86 5/8	9673	89 5/8	9826						
68 3/4	7979	71 3/4	8328	74 3/4	8657	77 3/4	8961	80 3/4	9237	83 3/4	9479	86 3/4	9681	89 3/4	9831						
68 7/8	7994	71 7/8	8343	74 7/8	8670	77 7/8	8973	80 7/8	9247	83 7/8	9488	86 7/8	9688	89 7/8	9836						

** PRECISION IS ABOUT +/- 1%