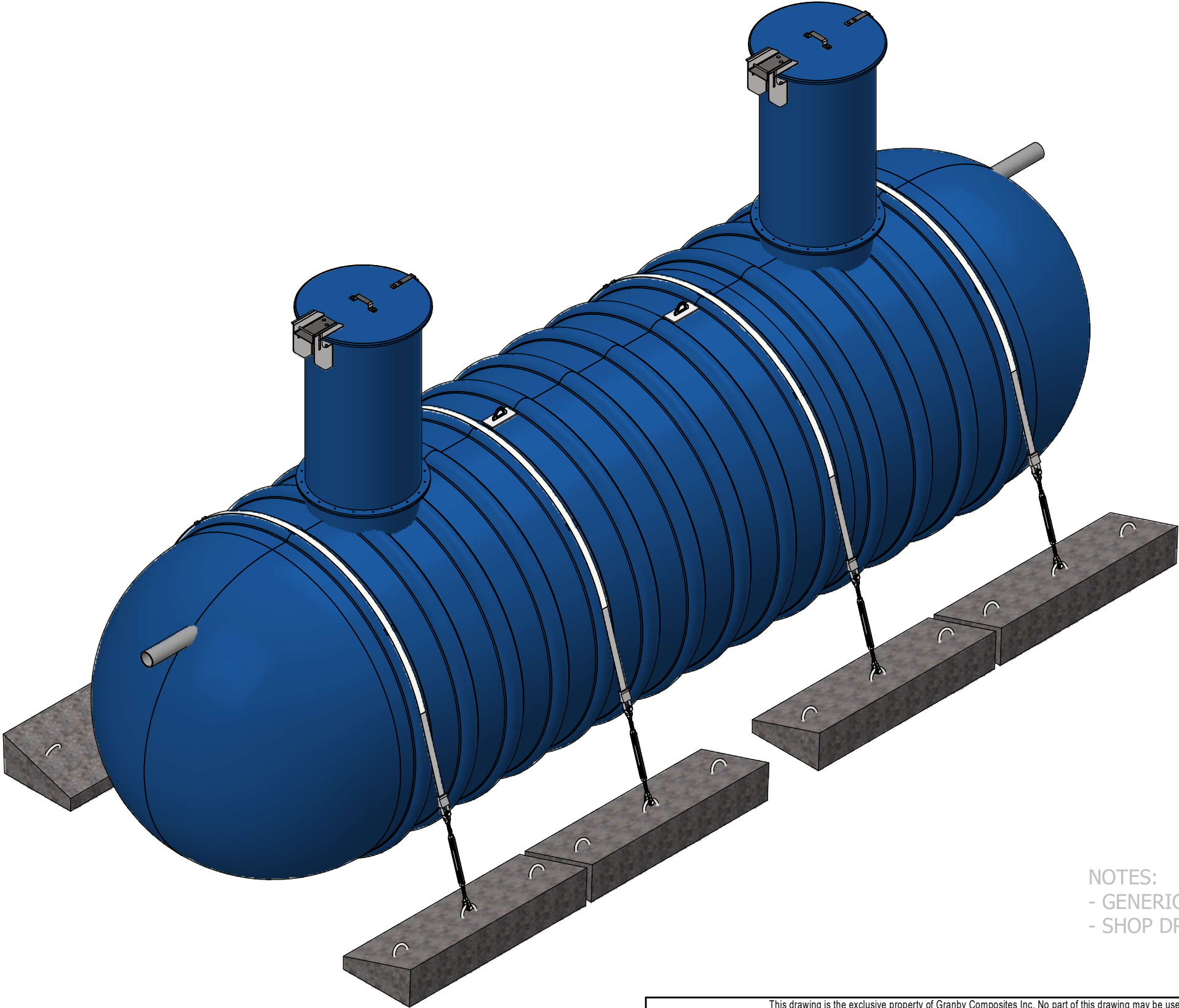


NN08140295FS

FIBERGLASS TANK
 TOTAL CAPACITY : 8464 US gal
 NOMINAL CAPACITY (EFFECTIVE) : 7616 US gal

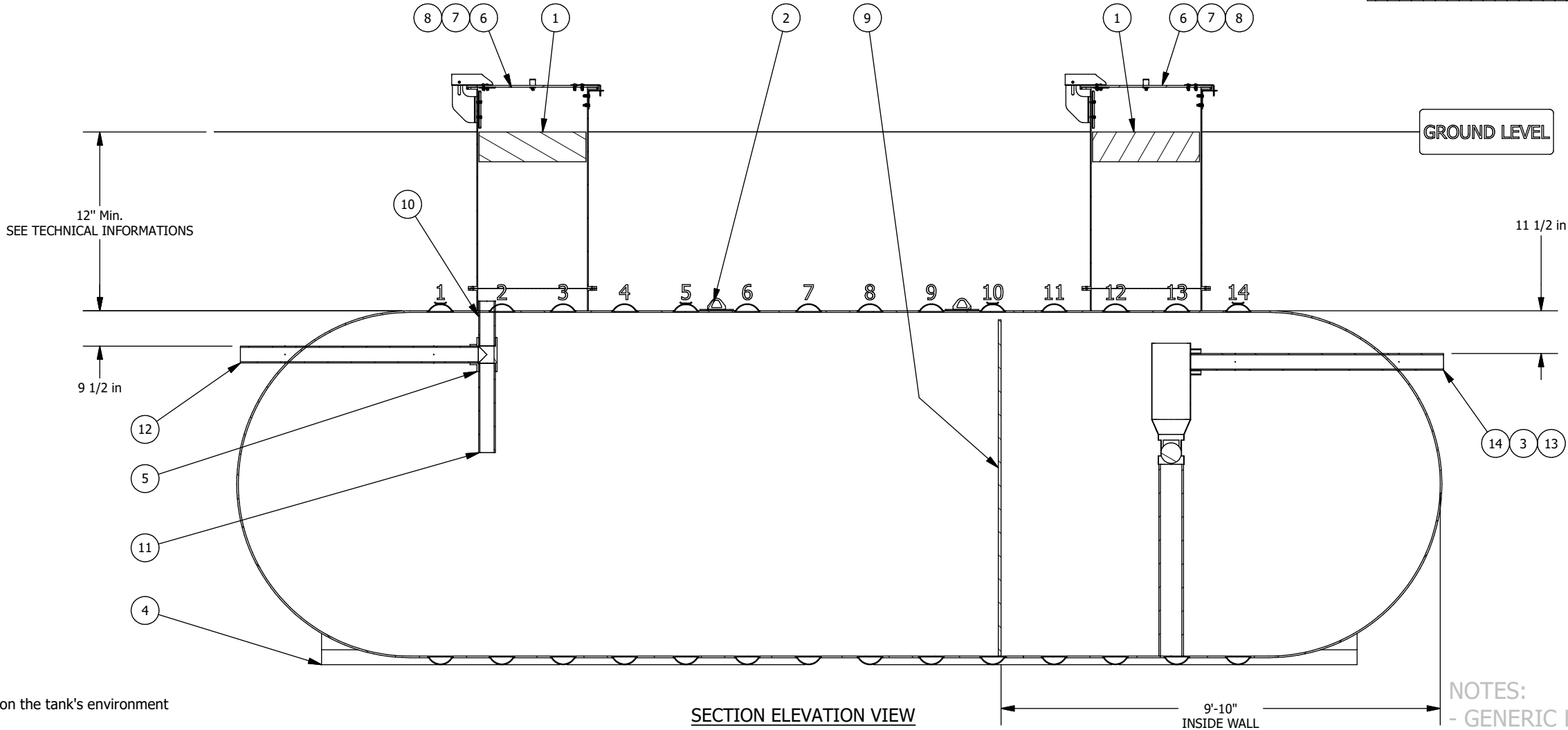
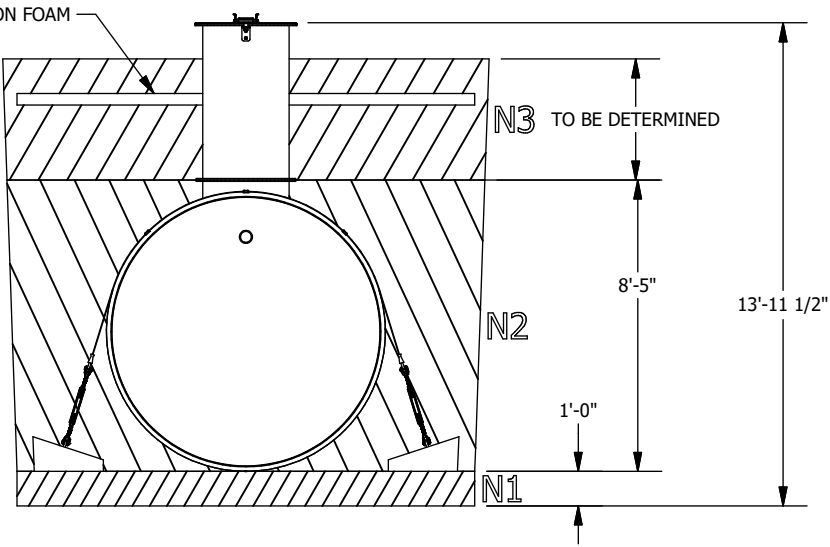


NOTES:
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 - SHOP DRAWING AVAILABLE ON REQUEST

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TOLERANCES (LINEAR)				Revision description	
FEET DIM. -> ± 1% 0.0 -> ± 0.5"				Format B	Part no. NN08140295FS
TOLERANCES (ANGULAR)		Drawn by O. Marin		19/01/2024	
0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG.		Approved by :		Title	
Weight : 3726 Lb				8' Dia. TANK - 8464 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	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 (51.5"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

Technical informations

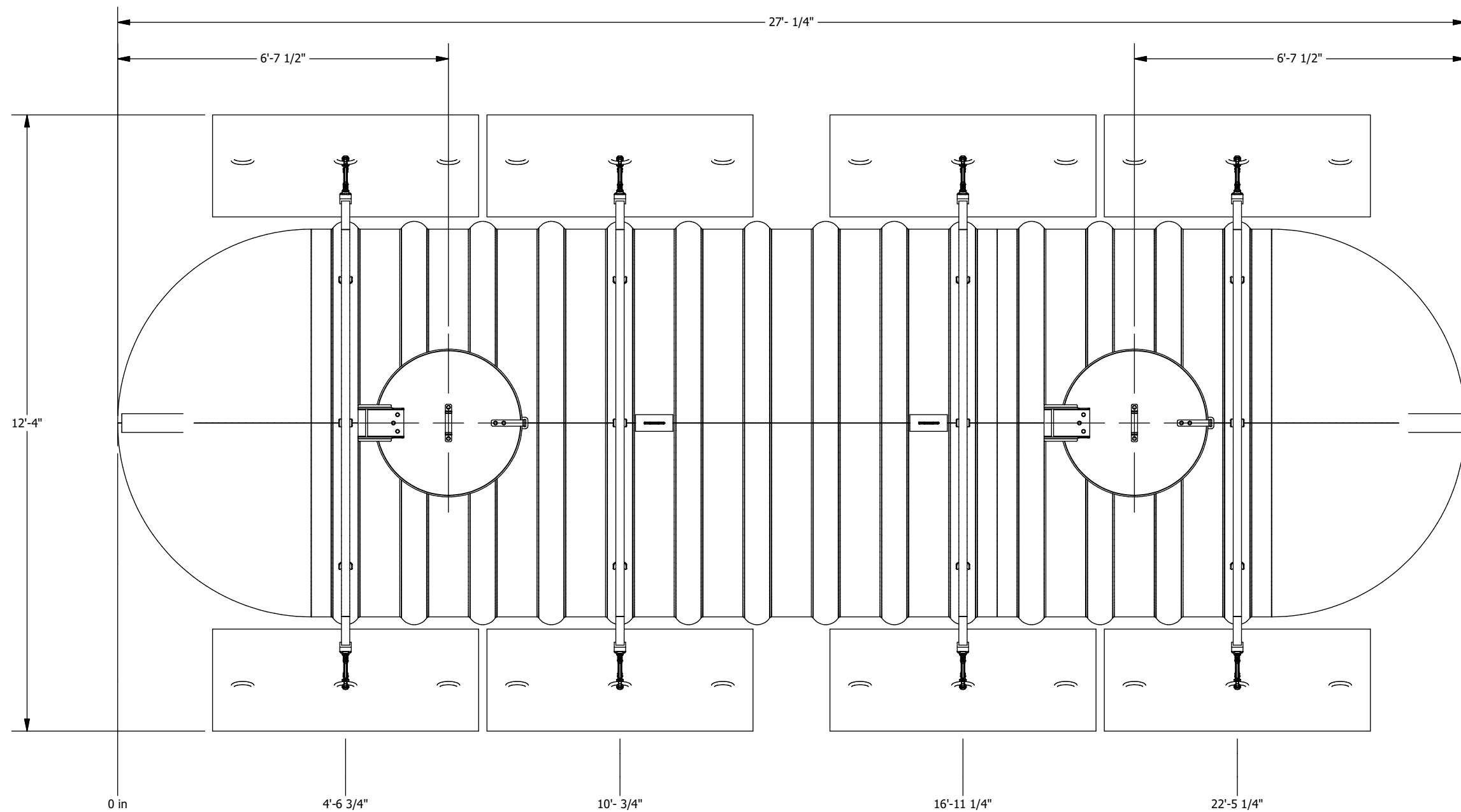
- Burrial depth: According to the geotechnical installation conditions
- Inside Diameter : 92.25"
- (If required) Quantity of fiberglass anchoring straps : 4
- (If required) Quantity of reinforced concrete deadman anchors : 8
- Simultaneous lifting by 2 lugs. The angle of the (chains or belts, etc.) 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)				Revision description	
FEET DIM. -> ± 1% 0.0 -> ± 0.5"					
0.00 -> ± 0.25" 0.000 -> ± 0.125"					
TOLERANCES (ANGULAR)		Drawn by O. Marin		Format	
0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG.				B	
0.00 -> ± 0.1 DEG.		19/01/2024		Part no. NN08140295FS	
Weight : 3726 Lb		Approved by :		REV 02.	
Client		# Project		Title 8' Dia. TANK - 8464 US gal	
		Sheet 2 / 4			



PLAN VIEW

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TOLERANCES (LINEAR) FEET DIM. -> ± 1% 0.0 -> ± 0.5"		 GRANBY COMPOSITES		Revision description				
TOLERANCES (ANGULAR) 0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG.		Drawn by O. Marin		19/01/2024		Format B	Part no. NN08140295FS	REV 02.
Weight : 3726 Lb		Approved by :		Title 8' Dia. TANK - 8464 US gal				
Client		# Project		Sheet 3 / 4				



-

Fiberglass Strap Guide

Directly installed on the tank



CAPACITY CHART FOR NN08140295 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	207	12	594	18	1096	24	1681	30	2328	36	3017	42	3733	48	4459	54	5181	60	5882
1/8	1	6 1/8	213	12 1/8	603	18 1/8	1107	24 1/8	1694	30 1/8	2342	36 1/8	3032	42 1/8	3748	48 1/8	4474	54 1/8	5196	60 1/8	5896
1/4	2	6 1/4	220	12 1/4	613	18 1/4	1119	24 1/4	1707	30 1/4	2356	36 1/4	3047	42 1/4	3763	48 1/4	4490	54 1/4	5210	60 1/4	5910
3/8	4	6 3/8	227	12 3/8	622	18 3/8	1130	24 3/8	1720	30 3/8	2370	36 3/8	3062	42 3/8	3778	48 3/8	4505	54 3/8	5225	60 3/8	5925
1/2	5	6 1/2	233	12 1/2	632	18 1/2	1142	24 1/2	1733	30 1/2	2384	36 1/2	3076	42 1/2	3793	48 1/2	4520	54 1/2	5240	60 1/2	5939
5/8	7	6 5/8	240	12 5/8	642	18 5/8	1153	24 5/8	1746	30 5/8	2398	36 5/8	3091	42 5/8	3808	48 5/8	4535	54 5/8	5255	60 5/8	5953
3/4	9	6 3/4	247	12 3/4	651	18 3/4	1165	24 3/4	1759	30 3/4	2412	36 3/4	3106	42 3/4	3824	48 3/4	4550	54 3/4	5270	60 3/4	5967
7/8	11	6 7/8	254	12 7/8	661	18 7/8	1177	24 7/8	1772	30 7/8	2426	36 7/8	3121	42 7/8	3839	48 7/8	4565	54 7/8	5285	60 7/8	5981
1	14	7	261	13	671	19	1188	25	1785	31	2440	37	3135	43	3854	49	4580	55	5299	61	5996
1 1/8	17	7 1/8	269	13 1/8	681	19 1/8	1200	25 1/8	1798	31 1/8	2454	37 1/8	3150	43 1/8	3869	49 1/8	4595	55 1/8	5314	61 1/8	6010
1 1/4	19	7 1/4	276	13 1/4	690	19 1/4	1212	25 1/4	1812	31 1/4	2469	37 1/4	3165	43 1/4	3884	49 1/4	4610	55 1/4	5329	61 1/4	6024
1 3/8	22	7 3/8	283	13 3/8	700	19 3/8	1224	25 3/8	1825	31 3/8	2483	37 3/8	3180	43 3/8	3899	49 3/8	4626	55 3/8	5344	61 3/8	6038
1 1/2	25	7 1/2	290	13 1/2	710	19 1/2	1235	25 1/2	1838	31 1/2	2497	37 1/2	3194	43 1/2	3914	49 1/2	4641	55 1/2	5358	61 1/2	6052
1 5/8	29	7 5/8	298	13 5/8	720	19 5/8	1247	25 5/8	1851	31 5/8	2511	37 5/8	3209	43 5/8	3929	49 5/8	4656	55 5/8	5373	61 5/8	6066
1 3/4	32	7 3/4	305	13 3/4	730	19 3/4	1259	25 3/4	1864	31 3/4	2525	37 3/4	3224	43 3/4	3944	49 3/4	4671	55 3/4	5388	61 3/4	6080
1 7/8	35	7 7/8	313	13 7/8	740	19 7/8	1271	25 7/8	1878	31 7/8	2540	37 7/8	3239	43 7/8	3960	49 7/8	4686	55 7/8	5403	61 7/8	6094
2	39	8	320	14	750	20	1283	26	1891	32	2554	38	3254	44	3975	50	4701	56	5417	62	6108
2 1/8	43	8 1/8	328	14 1/8	761	20 1/8	1295	26 1/8	1904	32 1/8	2568	38 1/8	3269	44 1/8	3990	50 1/8	4716	56 1/8	5432	62 1/8	6122
2 1/4	47	8 1/4	336	14 1/4	771	20 1/4	1307	26 1/4	1918	32 1/4	2582	38 1/4	3284	44 1/4	4005	50 1/4	4731	56 1/4	5447	62 1/4	6136
2 3/8	50	8 3/8	344	14 3/8	781	20 3/8	1319	26 3/8	1931	32 3/8	2597	38 3/8	3298	44 3/8	4020	50 3/8	4746	56 3/8	5462	62 3/8	6150
2 1/2	55	8 1/2	351	14 1/2	791	20 1/2	1331	26 1/2	1944	32 1/2	2611	38 1/2	3313	44 1/2	4035	50 1/2	4761	56 1/2	5476	62 1/2	6164
2 5/8	59	8 5/8	359	14 5/8	802	20 5/8	1343	26 5/8	1958	32 5/8	2625	38 5/8	3328	44 5/8	4050	50 5/8	4776	56 5/8	5491	62 5/8	6178
2 3/4	63	8 3/4	367	14 3/4	812	20 3/4	1355	26 3/4	1971	32 3/4	2640	38 3/4	3343	44 3/4	4066	50 3/4	4791	56 3/4	5506	62 3/4	6192
2 7/8	67	8 7/8	375	14 7/8	822	20 7/8	1367	26 7/8	1985	32 7/8	2654	38 7/8	3358	44 7/8	4081	50 7/8	4806	56 7/8	5520	62 7/8	6206
3	72	9	383	15	833	21	1380	27	1998	33	2668	39	3373	45	4096	51	4822	57	5535	63	6220
3 1/8	77	9 1/8	392	15 1/8	843	21 1/8	1392	27 1/8	2012	33 1/8	2683	39 1/8	3388	45 1/8	4111	51 1/8	4837	57 1/8	5549	63 1/8	6234
3 1/4	81	9 1/4	400	15 1/4	854	21 1/4	1404	27 1/4	2025	33 1/4	2697	39 1/4	3403	45 1/4	4126	51 1/4	4852	57 1/4	5564	63 1/4	6248
3 3/8	86	9 3/8	408	15 3/8	865	21 3/8	1416	27 3/8	2039	33 3/8	2712	39 3/8	3418	45 3/8	4141	51 3/8	4867	57 3/8	5579	63 3/8	6261
3 1/2	91	9 1/2	416	15 1/2	875	21 1/2	1429	27 1/2	2052	33 1/2	2726	39 1/2	3433	45 1/2	4156	51 1/2	4882	57 1/2	5593	63 1/2	6275
3 5/8	96	9 5/8	425	15 5/8	886	21 5/8	1441	27 5/8	2066	33 5/8	2740	39 5/8	3448	45 5/8	4172	51 5/8	4897	57 5/8	5608	63 5/8	6289
3 3/4	101	9 3/4	433	15 3/4	897	21 3/4	1453	27 3/4	2079	33 3/4	2755	39 3/4	3463	45 3/4	4187	51 3/4	4912	57 3/4	5622	63 3/4	6303
3 7/8	106	9 7/8	442	15 7/8	907	21 7/8	1466	27 7/8	2093	33 7/8	2769	39 7/8	3478	45 7/8	4202	51 7/8	4927	57 7/8	5637	63 7/8	6316
4	111	10	450	16	918	22	1478	28	2107	34	2784	40	3493	46	4217	52	4942	58	5651	64	6330
4 1/8	117	10 1/8	459	16 1/8	929	22 1/8	1491	28 1/8	2120	34 1/8	2798	40 1/8	3508	46 1/8	4232	52 1/8	4957	58 1/8	5666	64 1/8	6344
4 1/4	122	10 1/4	467	16 1/4	940	22 1/4	1503	28 1/4	2134	34 1/4	2813	40 1/4	3523	46 1/4	4247	52 1/4	4972	58 1/4	5680	64 1/4	6358
4 3/8	128	10 3/8	476	16 3/8	951	22 3/8	1516	28 3/8	2148	34 3/8	2827	40 3/8	3538	46 3/8	4262	52 3/8	4987	58 3/8	5695	64 3/8	6371
4 1/2	133	10 1/2	485	16 1/2	962	22 1/2	1528	28 1/2	2162	34 1/2	2842	40 1/2	3553	46 1/2	4278	52 1/2	5002	58 1/2	5709	64 1/2	6385
4 5/8	139	10 5/8	494	16 5/8	973	22 5/8	1541	28 5/8	2175	34 5/8	2856	40 5/8	3568	46 5/8	4293	52 5/8	5017	58 5/8	5724	64 5/8	6398
4 3/4	145	10 3/4	503	16 3/4	984	22 3/4	1554	28 3/4	2189	34 3/4	2871	40 3/4	3583	46 3/4	4308	52 3/4	5032	58 3/4	5738	64 3/4	6412
4 7/8	151	10 7/8	512	16 7/8	995	22 7/8	1566	28 7/8	2203	34 7/8	2886	40 7/8	3598	46 7/8	4323	52 7/8	5046	58 7/8	5753	64 7/8	6426
5	156	11	520	17	1006	23	1579	29	2217	35	2900	41	3613	47	4338	53	5061	59	5767	65	6439
5 1/8	162	11 1/8	530	17 1/8	1017	23 1/8	1592	29 1/8	2231	35 1/8	2915	41 1/8	3628	47 1/8	4353	53 1/8	5076	59 1/8	5781	65 1/8	6453
5 1/4	169	11 1/4	539	17 1/4	1028	23 1/4	1604	29 1/4	2244	35 1/4	2929	41 1/4	3643	47 1/4	4368	53 1/4	5091	59 1/4	5796	65 1/4	6466
5 3/8	175	11 3/8	548	17 3/8	1039	23 3/8	1617	29 3/8	2258	35 3/8	2944	41 3/8	3658	47 3/8	4384	53 3/8	5106	59 3/8	5810	65 3/8	6480
5 1/2	181	11 1/2	557	17 1/2	1051	23 1/2	1630	29 1/2	2272	35 1/2	2959	41 1/2	3673	47 1/2	4399	53 1/2	5121	59 1/2	5825	65 1/2	6493
5 5/8	187	11 5/8	566	17 5/8	1062	23 5/8	1643	29 5/8	2286	35 5/8	2973	41 5/8	3688	47 5/8	4414	53 5/8	5136	59 5/8	5839	65 5/8	6506
5 3/4	194	11 3/4	575	17 3/4	1073	23 3/4	1655	29 3/4	2300	35 3/4	2988	41 3/4	3703	47 3/4	4429	53 3/4	5151	59 3/4	5853	65 3/4	6520
5 7/8	200	11 7/8	585	17 7/8	1084	23 7/8	1668	29 7/8	2314	35 7/8	3003	41 7/8	3718	47 7/8	4444	53 7/8	5166	59 7/8	5868	65 7/8	6533

** PRECISION IS ABOUT +/- 1%



CAPACITY CHART FOR NN08140295 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	6547	69	6860	72	7157	75	7436	78	7693	81	7926	84	8128	87	8296	90	8418				
66 1/8	6560	69 1/8	6873	72 1/8	7169	75 1/8	7447	78 1/8	7704	81 1/8	7935	84 1/8	8136	87 1/8	8302	90 1/8	8422				
66 1/4	6573	69 1/4	6885	72 1/4	7181	75 1/4	7458	78 1/4	7714	81 1/4	7944	84 1/4	8144	87 1/4	8308	90 1/4	8425				
66 3/8	6587	69 3/8	6898	72 3/8	7193	75 3/8	7470	78 3/8	7724	81 3/8	7953	84 3/8	8151	87 3/8	8314	90 3/8	8429				
66 1/2	6600	69 1/2	6911	72 1/2	7205	75 1/2	7481	78 1/2	7734	81 1/2	7962	84 1/2	8159	87 1/2	8320	90 1/2	8432				
66 5/8	6613	69 5/8	6923	72 5/8	7217	75 5/8	7492	78 5/8	7744	81 5/8	7970	84 5/8	8166	87 5/8	8325	90 5/8	8436				
66 3/4	6626	69 3/4	6936	72 3/4	7229	75 3/4	7503	78 3/4	7754	81 3/4	7979	84 3/4	8174	87 3/4	8331	90 3/4	8439				
66 7/8	6640	69 7/8	6948	72 7/8	7241	75 7/8	7514	78 7/8	7764	81 7/8	7988	84 7/8	8181	87 7/8	8337	90 7/8	8442				
67	6653	70	6961	73	7252	76	7524	79	7774	82	7997	85	8188	88	8342	91	8445				
67 1/8	6666	70 1/8	6973	73 1/8	7264	76 1/8	7535	79 1/8	7784	82 1/8	8005	85 1/8	8196	88 1/8	8348	91 1/8	8448				
67 1/4	6679	70 1/4	6986	73 1/4	7276	76 1/4	7546	79 1/4	7793	82 1/4	8014	85 1/4	8203	88 1/4	8353	91 1/4	8450				
67 3/8	6692	70 3/8	6998	73 3/8	7288	76 3/8	7557	79 3/8	7803	82 3/8	8023	85 3/8	8210	88 3/8	8358	91 3/8	8453				
67 1/2	6705	70 1/2	7011	73 1/2	7299	76 1/2	7568	79 1/2	7813	82 1/2	8031	85 1/2	8217	88 1/2	8363	91 1/2	8455				
67 5/8	6718	70 5/8	7023	73 5/8	7311	76 5/8	7578	79 5/8	7823	82 5/8	8039	85 5/8	8224	88 5/8	8368	91 5/8	8457				
67 3/4	6731	70 3/4	7036	73 3/4	7322	76 3/4	7589	79 3/4	7832	82 3/4	8048	85 3/4	8231	88 3/4	8373	91 3/4	8459				
67 7/8	6744	70 7/8	7048	73 7/8	7334	76 7/8	7600	79 7/8	7842	82 7/8	8056	85 7/8	8238	88 7/8	8378	91 7/8	8461				
68	6757	71	7060	74	7345	77	7610	80	7851	83	8064	86	8244	89	8383	92	8462				
68 1/8	6770	71 1/8	7072	74 1/8	7357	77 1/8	7621	80 1/8	7861	83 1/8	8073	86 1/8	8251	89 1/8	8388	92 1/8	8463				
68 1/4	6783	71 1/4	7085	74 1/4	7368	77 1/4	7631	80 1/4	7870	83 1/4	8081	86 1/4	8258	89 1/4	8392	92 1/4	8464				
68 3/8	6796	71 3/8	7097	74 3/8	7380	77 3/8	7642	80 3/8	7880	83 3/8	8089	86 3/8	8264	89 3/8	8397	92 3/8	8464				
68 1/2	6809	71 1/2	7109	74 1/2	7391	77 1/2	7652	80 1/2	7889	83 1/2	8097	86 1/2	8271	89 1/2	8401						
68 5/8	6822	71 5/8	7121	74 5/8	7402	77 5/8	7663	80 5/8	7898	83 5/8	8105	86 5/8	8277	89 5/8	8405						
68 3/4	6834	71 3/4	7133	74 3/4	7414	77 3/4	7673	80 3/4	7907	83 3/4	8113	86 3/4	8283	89 3/4	8410						
68 7/8	6847	71 7/8	7145	74 7/8	7425	77 7/8	7683	80 7/8	7917	83 7/8	8121	86 7/8	8290	89 7/8	8414						

** PRECISION IS ABOUT +/- 1%