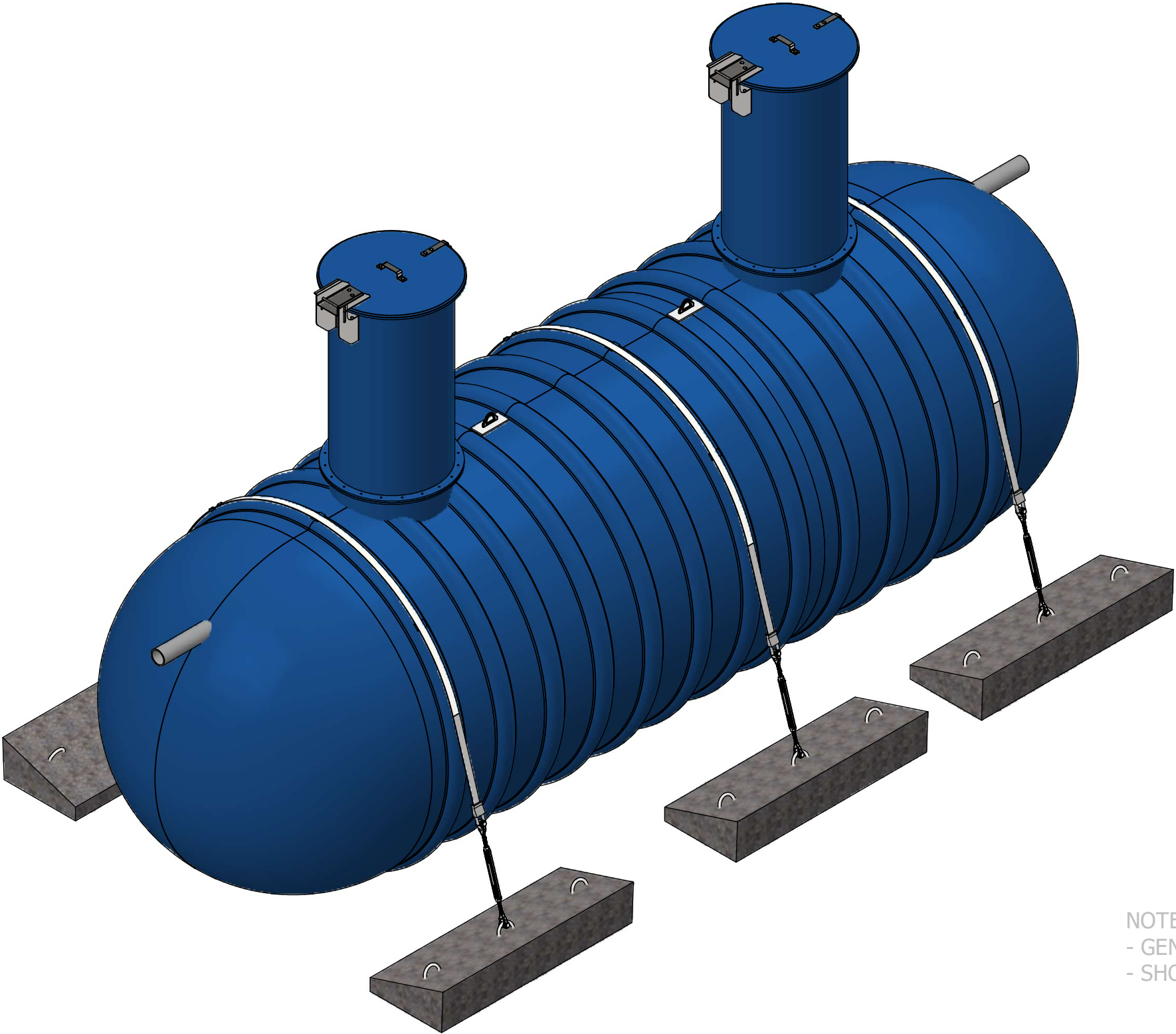


NN08120259FS

FIBERGLASS TANK
 TOTAL CAPACITY : 7509 US gal
 NOMINAL CAPACITY (EFFECTIVE) : 6754 US gal

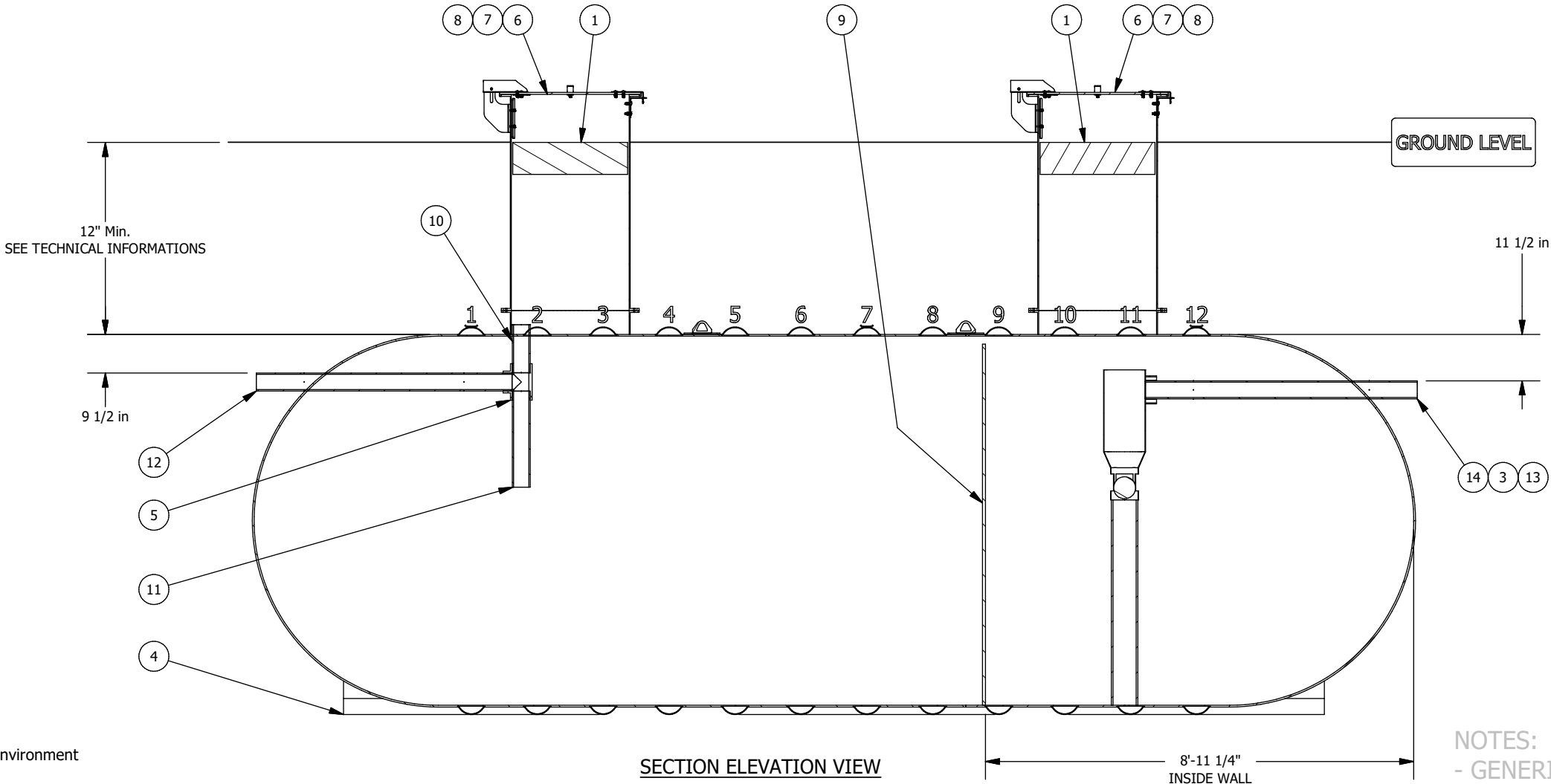
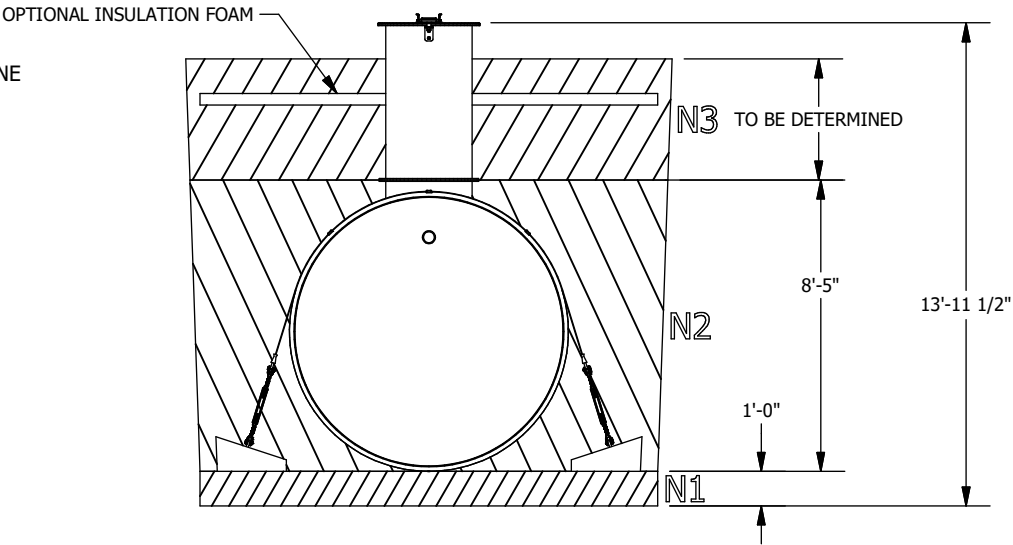


NOTES:
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 - SHOP DRAWING AVAILABLE ON REQUEST

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TOLERANCES (LINEAR)		 GRANBY COMPOSITES		Revision description		
FEET DIM. -> ± 1% 0.0 -> ± 0.5"				Format B	Part no. NN08120259FS	REV 02.
TOLERANCES (ANGULAR)		Drawn by O. Marin Approved by :		Title 8' Dia. TANK - 7509 US gal		
0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG.						
Weight : 3425 Lb						
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	3	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 (51.375"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

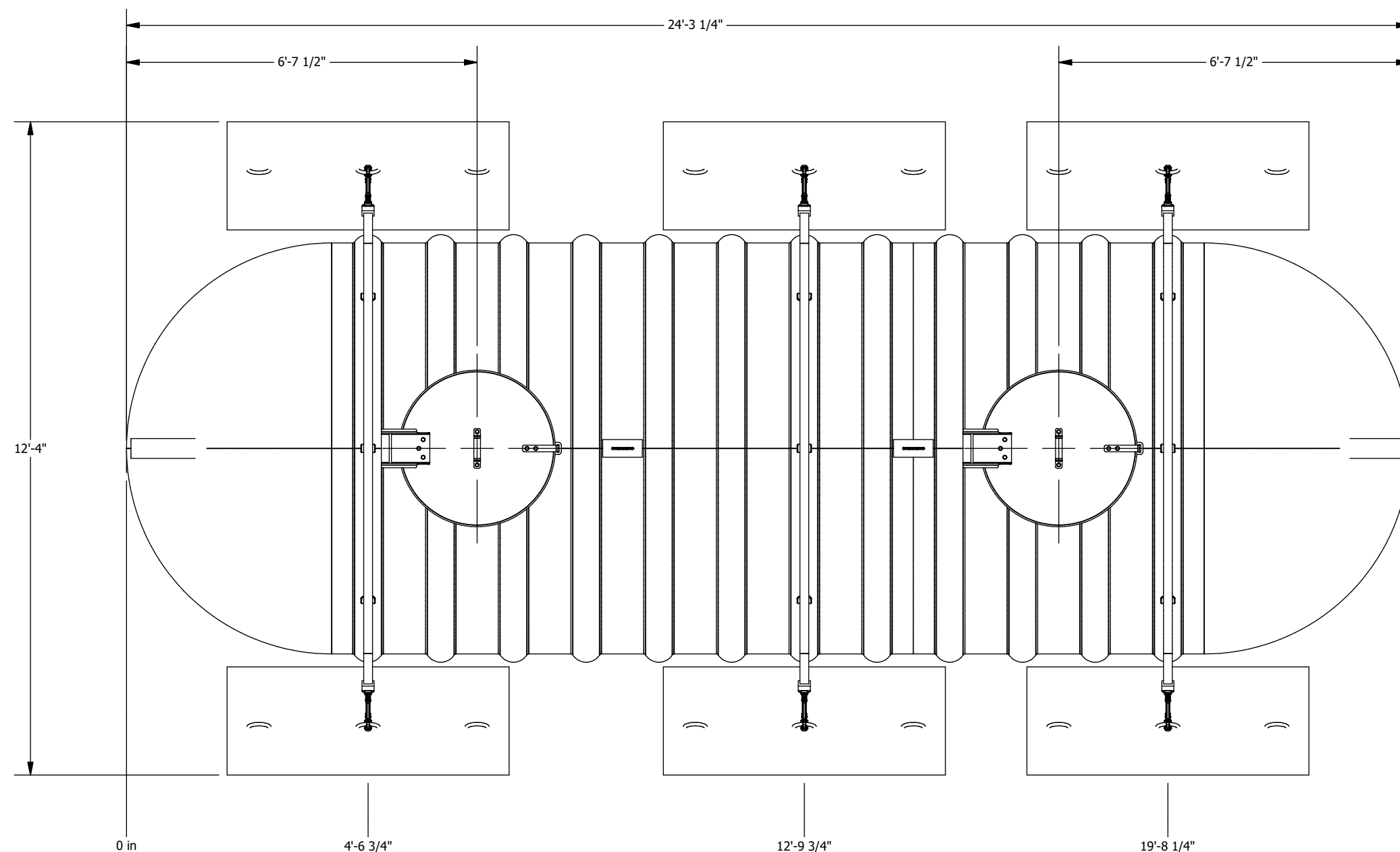
Technical informations

- Burrial depth: According to the geotechnical installation conditions
- Inside Diameter : 92.25"
- (If required) Quantity of fiberglass anchoring straps : 3
- (If required) Quantity of reinforced concrete deadman anchors : 6
- 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	19/01/2024	Format	Part no.	REV
0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG.				B	NN08120259FS	02.
Weight : 3425 Lb		Approved by :	Title			
Client		# Project	Sheet	8' Dia. TANK - 7509 US gal		
			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		Revision description				
TOLERANCES (ANGULAR) 0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG. 0.00 -> ± 0.1 DEG.		Drawn by O. Marin		19/01/2024		Format B	Part no. NN08120259FS	REV 02.
Weight : 3425 Lb		Approved by :		Title				
Client		# Projet		Sheet 3 / 4		8' Dia. TANK - 7509 US gal		



-

Fiberglass Strap Guide

Directly installed on the tank



CAPACITY CHART FOR NN08120259 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	180	12	521	18	965	24	1484	30	2059	36	2672	42	3310	48	3957	54	4600	60	5224
1/8	1	6 1/8	186	12 1/8	529	18 1/8	975	24 1/8	1495	30 1/8	2071	36 1/8	2685	42 1/8	3323	48 1/8	3971	54 1/8	4613	60 1/8	5237
1/4	2	6 1/4	192	12 1/4	538	18 1/4	985	24 1/4	1507	30 1/4	2083	36 1/4	2699	42 1/4	3337	48 1/4	3984	54 1/4	4626	60 1/4	5250
3/8	3	6 3/8	198	12 3/8	546	18 3/8	995	24 3/8	1518	30 3/8	2096	36 3/8	2712	42 3/8	3350	48 3/8	3998	54 3/8	4640	60 3/8	5262
1/2	5	6 1/2	204	12 1/2	555	18 1/2	1005	24 1/2	1530	30 1/2	2108	36 1/2	2725	42 1/2	3364	48 1/2	4011	54 1/2	4653	60 1/2	5275
5/8	6	6 5/8	210	12 5/8	563	18 5/8	1016	24 5/8	1541	30 5/8	2121	36 5/8	2738	42 5/8	3377	48 5/8	4025	54 5/8	4666	60 5/8	5288
3/4	8	6 3/4	216	12 3/4	572	18 3/4	1026	24 3/4	1553	30 3/4	2134	36 3/4	2751	42 3/4	3391	48 3/4	4038	54 3/4	4679	60 3/4	5300
7/8	10	6 7/8	222	12 7/8	580	18 7/8	1036	24 7/8	1565	30 7/8	2146	36 7/8	2764	42 7/8	3404	48 7/8	4051	54 7/8	4693	60 7/8	5313
1		7	228	13	589	19	1047	25	1576	31	2159	37	2777	43	3418	49	4065	55	4706	61	5326
1 1/8	12	7 1/8	235	13 1/8	597	19 1/8	1057	25 1/8	1588	31 1/8	2171	37 1/8	2791	43 1/8	3431	49 1/8	4078	55 1/8	4719	61 1/8	5338
1 1/4	17	7 1/4	241	13 1/4	606	19 1/4	1067	25 1/4	1600	31 1/4	2184	37 1/4	2804	43 1/4	3444	49 1/4	4092	55 1/4	4732	61 1/4	5351
1 3/8	19	7 3/8	247	13 3/8	615	19 3/8	1078	25 3/8	1611	31 3/8	2196	37 3/8	2817	43 3/8	3458	49 3/8	4105	55 3/8	4745	61 3/8	5363
1 1/2	22	7 1/2	254	13 1/2	624	19 1/2	1088	25 1/2	1623	31 1/2	2209	37 1/2	2830	43 1/2	3471	49 1/2	4119	55 1/2	4758	61 1/2	5376
1 5/8	25	7 5/8	260	13 5/8	632	19 5/8	1099	25 5/8	1635	31 5/8	2222	37 5/8	2843	43 5/8	3485	49 5/8	4132	55 5/8	4772	61 5/8	5388
1 3/4	28	7 3/4	267	13 3/4	641	19 3/4	1109	25 3/4	1646	31 3/4	2234	37 3/4	2856	43 3/4	3498	49 3/4	4146	55 3/4	4785	61 3/4	5401
1 7/8	31	7 7/8	273	13 7/8	650	19 7/8	1120	25 7/8	1658	31 7/8	2247	37 7/8	2870	43 7/8	3512	49 7/8	4159	55 7/8	4798	61 7/8	5413
2		8	280	14	659	20	1130	26	1670	32	2260	38	2883	44	3525	50	4173	56	4811	62	5426
2 1/8	37	8 1/8	287	14 1/8	668	20 1/8	1141	26 1/8	1682	32 1/8	2272	38 1/8	2896	44 1/8	3539	50 1/8	4186	56 1/8	4824	62 1/8	5438
2 1/4	40	8 1/4	294	14 1/4	677	20 1/4	1152	26 1/4	1694	32 1/4	2285	38 1/4	2909	44 1/4	3552	50 1/4	4199	56 1/4	4837	62 1/4	5451
2 3/8	44	8 3/8	301	14 3/8	686	20 3/8	1162	26 3/8	1706	32 3/8	2298	38 3/8	2923	44 3/8	3566	50 3/8	4213	56 3/8	4850	62 3/8	5463
2 1/2	47	8 1/2	307	14 1/2	695	20 1/2	1173	26 1/2	1718	32 1/2	2310	38 1/2	2936	44 1/2	3579	50 1/2	4226	56 1/2	4863	62 1/2	5476
2 5/8	51	8 5/8	314	14 5/8	704	20 5/8	1184	26 5/8	1729	32 5/8	2323	38 5/8	2949	44 5/8	3593	50 5/8	4240	56 5/8	4876	62 5/8	5488
2 3/4	55	8 3/4	321	14 3/4	714	20 3/4	1195	26 3/4	1741	32 3/4	2336	38 3/4	2962	44 3/4	3606	50 3/4	4253	56 3/4	4889	62 3/4	5500
2 7/8	59	8 7/8	328	14 7/8	723	20 7/8	1205	26 7/8	1753	32 7/8	2349	38 7/8	2976	44 7/8	3620	50 7/8	4267	56 7/8	4902	62 7/8	5513
3		9	336	15	732	21	1216	27	1765	33	2362	39	2989	45	3633	51	4280	57	4915	63	5525
3 1/8	67	9 1/8	343	15 1/8	741	21 1/8	1227	27 1/8	1777	33 1/8	2374	39 1/8	3002	45 1/8	3647	51 1/8	4293	57 1/8	4928	63 1/8	5537
3 1/4	71	9 1/4	350	15 1/4	751	21 1/4	1238	27 1/4	1789	33 1/4	2387	39 1/4	3016	45 1/4	3660	51 1/4	4307	57 1/4	4941	63 1/4	5550
3 3/8	75	9 3/8	357	15 3/8	760	21 3/8	1249	27 3/8	1801	33 3/8	2400	39 3/8	3029	45 3/8	3674	51 3/8	4320	57 3/8	4954	63 3/8	5562
3 1/2	79	9 1/2	365	15 1/2	769	21 1/2	1260	27 1/2	1813	33 1/2	2413	39 1/2	3042	45 1/2	3687	51 1/2	4334	57 1/2	4967	63 1/2	5574
3 5/8	83	9 5/8	372	15 5/8	779	21 5/8	1271	27 5/8	1826	33 5/8	2426	39 5/8	3056	45 5/8	3701	51 5/8	4347	57 5/8	4980	63 5/8	5587
3 3/4	88	9 3/4	379	15 3/4	788	21 3/4	1282	27 3/4	1838	33 3/4	2439	39 3/4	3069	45 3/4	3714	51 3/4	4360	57 3/4	4993	63 3/4	5599
3 7/8	92	9 7/8	387	15 7/8	798	21 7/8	1293	27 7/8	1850	33 7/8	2451	39 7/8	3082	45 7/8	3728	51 7/8	4374	57 7/8	5006	63 7/8	5611
4		10	394	16	807	22	1304	28	1862	34	2464	40	3096	46	3741	52	4387	58	5019	64	5623
4 1/8	102	10 1/8	402	16 1/8	817	22 1/8	1315	28 1/8	1874	34 1/8	2477	40 1/8	3109	46 1/8	3755	52 1/8	4400	58 1/8	5032	64 1/8	5635
4 1/4	106	10 1/4	409	16 1/4	826	22 1/4	1326	28 1/4	1886	34 1/4	2490	40 1/4	3122	46 1/4	3768	52 1/4	4414	58 1/4	5045	64 1/4	5648
4 3/8	111	10 3/8	417	16 3/8	836	22 3/8	1337	28 3/8	1898	34 3/8	2503	40 3/8	3136	46 3/8	3782	52 3/8	4427	58 3/8	5058	64 3/8	5660
4 1/2	116	10 1/2	425	16 1/2	846	22 1/2	1348	28 1/2	1911	34 1/2	2516	40 1/2	3149	46 1/2	3795	52 1/2	4440	58 1/2	5071	64 1/2	5672
4 5/8	121	10 5/8	433	16 5/8	856	22 5/8	1359	28 5/8	1923	34 5/8	2529	40 5/8	3162	46 5/8	3809	52 5/8	4454	58 5/8	5084	64 5/8	5684
4 3/4	126	10 3/4	440	16 3/4	865	22 3/4	1370	28 3/4	1935	34 3/4	2542	40 3/4	3176	46 3/4	3822	52 3/4	4467	58 3/4	5097	64 3/4	5696
4 7/8	131	10 7/8	448	16 7/8	875	22 7/8	1382	28 7/8	1947	34 7/8	2555	40 7/8	3189	46 7/8	3836	52 7/8	4480	58 7/8	5109	64 7/8	5708
5		11	456	17	885	23	1393	29	1960	35	2568	41	3203	47	3849	53	4494	59	5122	65	5720
5 1/8	142	11 1/8	464	17 1/8	895	23 1/8	1404	29 1/8	1972	35 1/8	2581	41 1/8	3216	47 1/8	3863	53 1/8	4507	59 1/8	5135	65 1/8	5732
5 1/4	147	11 1/4	472	17 1/4	905	23 1/4	1415	29 1/4	1984	35 1/4	2594	41 1/4	3229	47 1/4	3876	53 1/4	4520	59 1/4	5148	65 1/4	5744
5 3/8	152	11 3/8	480	17 3/8	915	23 3/8	1427	29 3/8	1997	35 3/8	2607	41 3/8	3243	47 3/8	3890	53 3/8	4534	59 3/8	5161	65 3/8	5756
5 1/2	158	11 1/2	488	17 1/2	924	23 1/2	1438	29 1/2	2009	35 1/2	2620	41 1/2	3256	47 1/2	3903	53 1/2	4547	59 1/2	5173	65 1/2	5768
5 5/8	163	11 5/8	496	17 5/8	934	23 5/8	1450	29 5/8	2021	35 5/8	2633	41 5/8	3270	47 5/8	3917	53 5/8	4560	59 5/8	5186	65 5/8	5780
5 3/4	169	11 3/4	505	17 3/4	945	23 3/4	1461	29 3/4	2034	35 3/4	2646	41 3/4	3283	47 3/4	3930	53 3/4	4573	59 3/4	5199	65 3/4	5792
5 7/8	175	11 7/8	513	17 7/8	955	23 7/8	1472	29 7/8	2046	35 7/8	2659	41 7/8	3297	47 7/8	3944	53 7/8	4587	59 7/8	5212	65 7/8	5804

** PRECISION IS ABOUT +/- 1%



CAPACITY CHART FOR NN08120259 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	5816	69	6094	72	6358	75	6605	78	6832	81	7037	84	7216	87	7363	90	7469				
66 1/8	5827	69 1/8	6105	72 1/8	6368	75 1/8	6615	78 1/8	6841	81 1/8	7045	84 1/8	7223	87 1/8	7368	90 1/8	7472				
66 1/4	5839	69 1/4	6116	72 1/4	6379	75 1/4	6625	78 1/4	6850	81 1/4	7053	84 1/4	7229	87 1/4	7373	90 1/4	7476				
66 3/8	5851	69 3/8	6128	72 3/8	6390	75 3/8	6634	78 3/8	6859	81 3/8	7061	84 3/8	7236	87 3/8	7378	90 3/8	7479				
66 1/2	5863	69 1/2	6139	72 1/2	6400	75 1/2	6644	78 1/2	6868	81 1/2	7069	84 1/2	7243	87 1/2	7383	90 1/2	7482				
66 5/8	5875	69 5/8	6150	72 5/8	6411	75 5/8	6654	78 5/8	6877	81 5/8	7077	84 5/8	7249	87 5/8	7388	90 5/8	7485				
66 3/4	5886	69 3/4	6161	72 3/4	6421	75 3/4	6664	78 3/4	6886	81 3/4	7085	84 3/4	7256	87 3/4	7393	90 3/4	7487				
66 7/8	5898	69 7/8	6172	72 7/8	6432	75 7/8	6673	78 7/8	6895	81 7/8	7092	84 7/8	7262	87 7/8	7398	90 7/8	7490				
67	5910	70	6184	73	6442	76	6683	79	6903	82	7100	85	7269	88	7403	91	7493				
67 1/8	5922	70 1/8	6195	73 1/8	6453	76 1/8	6693	79 1/8	6912	82 1/8	7108	85 1/8	7275	88 1/8	7408	91 1/8	7495				
67 1/4	5933	70 1/4	6206	73 1/4	6463	76 1/4	6702	79 1/4	6921	82 1/4	7115	85 1/4	7281	88 1/4	7413	91 1/4	7497				
67 3/8	5945	70 3/8	6217	73 3/8	6473	76 3/8	6712	79 3/8	6929	82 3/8	7123	85 3/8	7287	88 3/8	7417	91 3/8	7499				
67 1/2	5956	70 1/2	6228	73 1/2	6484	76 1/2	6721	79 1/2	6938	82 1/2	7130	85 1/2	7294	88 1/2	7422	91 1/2	7501				
67 5/8	5968	70 5/8	6239	73 5/8	6494	76 5/8	6731	79 5/8	6946	82 5/8	7138	85 5/8	7300	88 5/8	7426	91 5/8	7503				
67 3/4	5980	70 3/4	6250	73 3/4	6504	76 3/4	6740	79 3/4	6955	82 3/4	7145	85 3/4	7306	88 3/4	7430	91 3/4	7505				
67 7/8	5991	70 7/8	6261	73 7/8	6514	76 7/8	6749	79 7/8	6963	82 7/8	7152	85 7/8	7312	88 7/8	7435	91 7/8	7506				
68	6003	71	6272	74	6524	77	6759	80	6972	83	7159	86	7318	89	7439	92	7508				
68 1/8	6014	71 1/8	6282	74 1/8	6535	77 1/8	6768	80 1/8	6980	83 1/8	7167	86 1/8	7323	89 1/8	7443	92 1/8	7508				
68 1/4	6026	71 1/4	6293	74 1/4	6545	77 1/4	6777	80 1/4	6988	83 1/4	7174	86 1/4	7329	89 1/4	7447	92 1/4	7509				
68 3/8	6037	71 3/8	6304	74 3/8	6555	77 3/8	6787	80 3/8	6997	83 3/8	7181	86 3/8	7335	89 3/8	7451	92 3/8	7509				
68 1/2	6048	71 1/2	6315	74 1/2	6565	77 1/2	6796	80 1/2	7005	83 1/2	7188	86 1/2	7341	89 1/2	7455						
68 5/8	6060	71 5/8	6326	74 5/8	6575	77 5/8	6805	80 5/8	7013	83 5/8	7195	86 5/8	7346	89 5/8	7458						
68 3/4	6071	71 3/4	6336	74 3/4	6585	77 3/4	6814	80 3/4	7021	83 3/4	7202	86 3/4	7352	89 3/4	7462						
68 7/8	6083	71 7/8	6347	74 7/8	6595	77 7/8	6823	80 7/8	7029	83 7/8	7209	86 7/8	7357	89 7/8	7466						

** PRECISION IS ABOUT +/- 1%