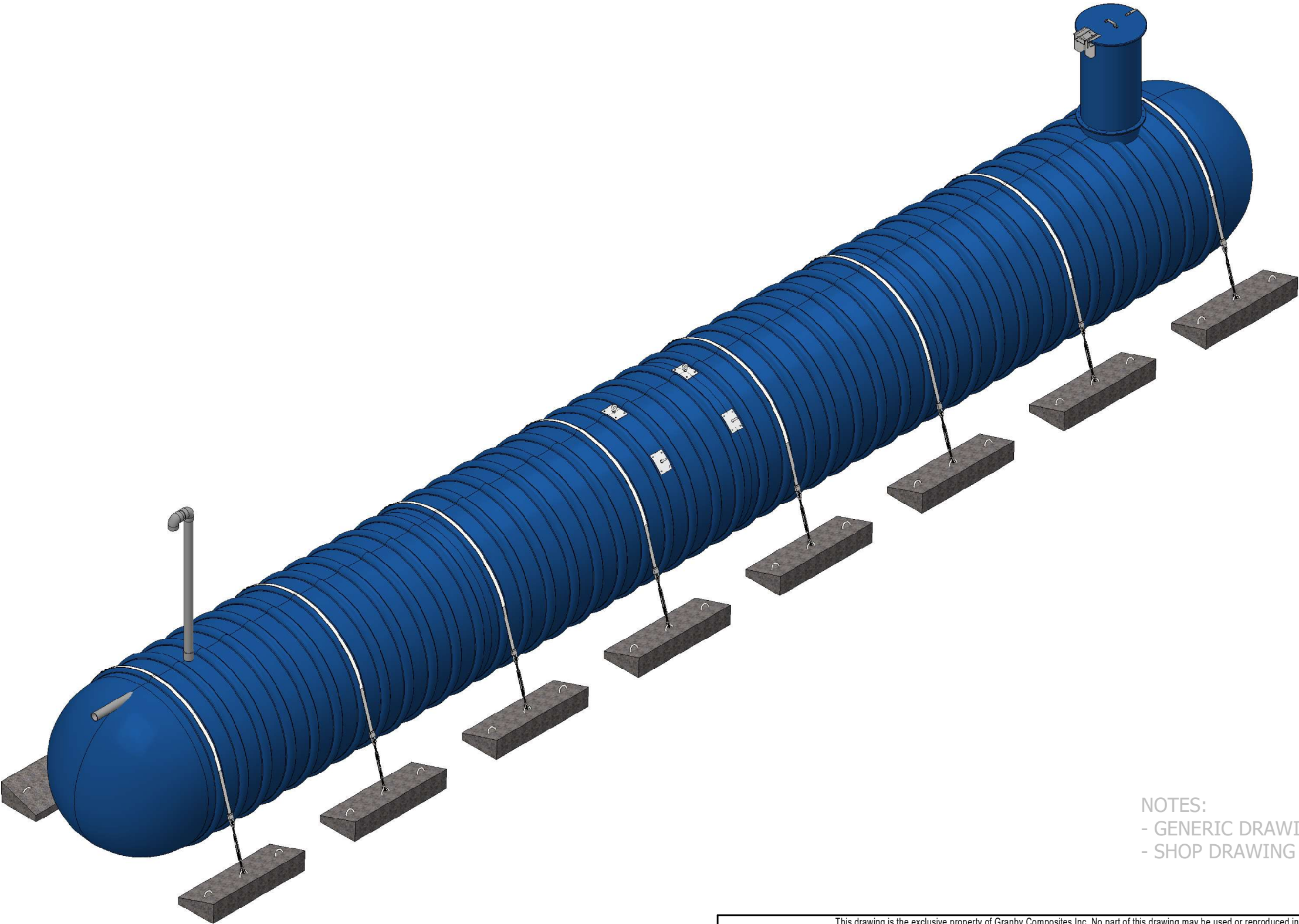


NN08430824EU

FIBERGLASS TANK



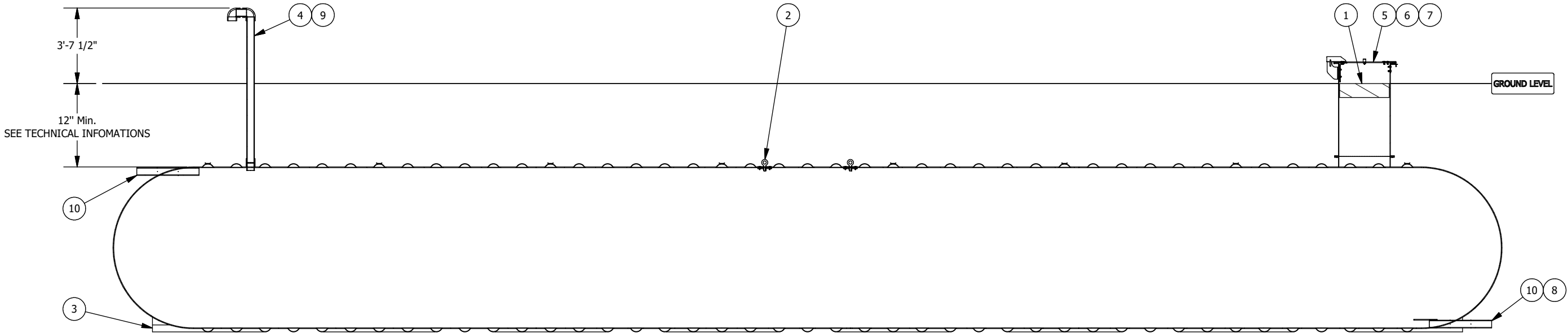
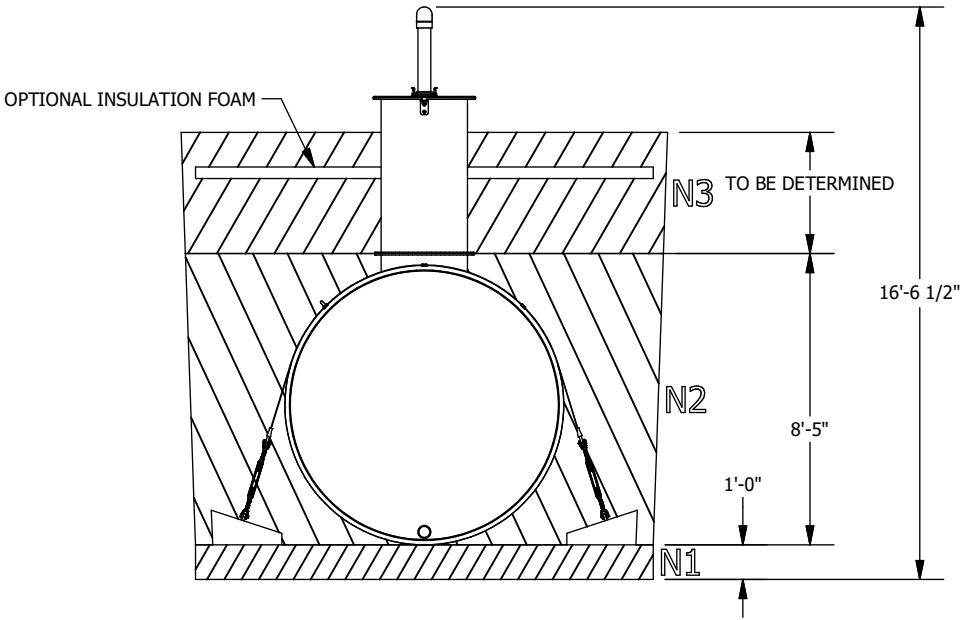
NOTES:
 - GENERIC DRAWING FOR REFERENCE ONLY
 - SHOP DRAWING AVAILABLE ON REQUEST

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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"				
TOLERANCES (ANGULAR)			Drawn by O. Marin			20/12/2023		Format B	Part no. NN08430824EU	REV 02.
0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG.			0.00 -> ± 0.1 DEG.			Title				
Weight : 7548 Lb			Approved by :			8' Dia. TANK - 22309 US gal				
Client		# Projet			Sheet 1 / 4					

Item	Part Number	Qty	Description	Check List
1	ADF0000001	1	FOAM 28-3/4" DIA. x 8" / R-35	
2	ADP0000001	4	LIFTING LUG	
3	ENSCOUR8	8	ANCHORING KIT	
4	EV480	1	4" SCH. 80 VENT KIT	
5	GMHE30-COVER01	1	30" DIA. FRP. - LOCKABLE MAN HOLE COVER WITH HINGE	
6	MH-30 (6"L.)	1	30" DIA. x 6" L. - MANHOLE	
7	MHE-30 (54"L.)	1	30" DIA. x 54" L. - MANHOLE EXTENSION	
8	PFV01414	1	0.5" x 13.5" x 13.5" ANTI-VORTEX PLATE	
9	TP80400G01 (4.25"L.)	1	4" SCH.80 GREY PVC PIPE	
10	TP80400G01 (40"L.)	2	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

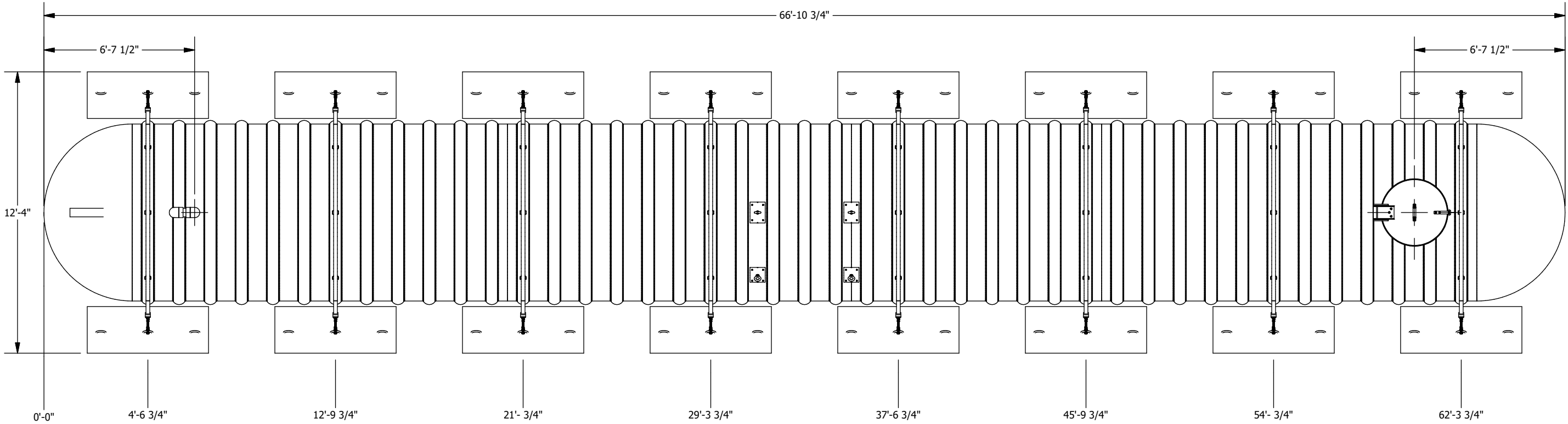
Technical informations

- Burrial depth: According to the geotechnical installation conditions
- Inside Diameter : 92.25"
- (If required) Quantity of fiberglass anchoring straps : 8
- (If required) Quantity of reinforced concrete deadman anchors : 16
- 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.

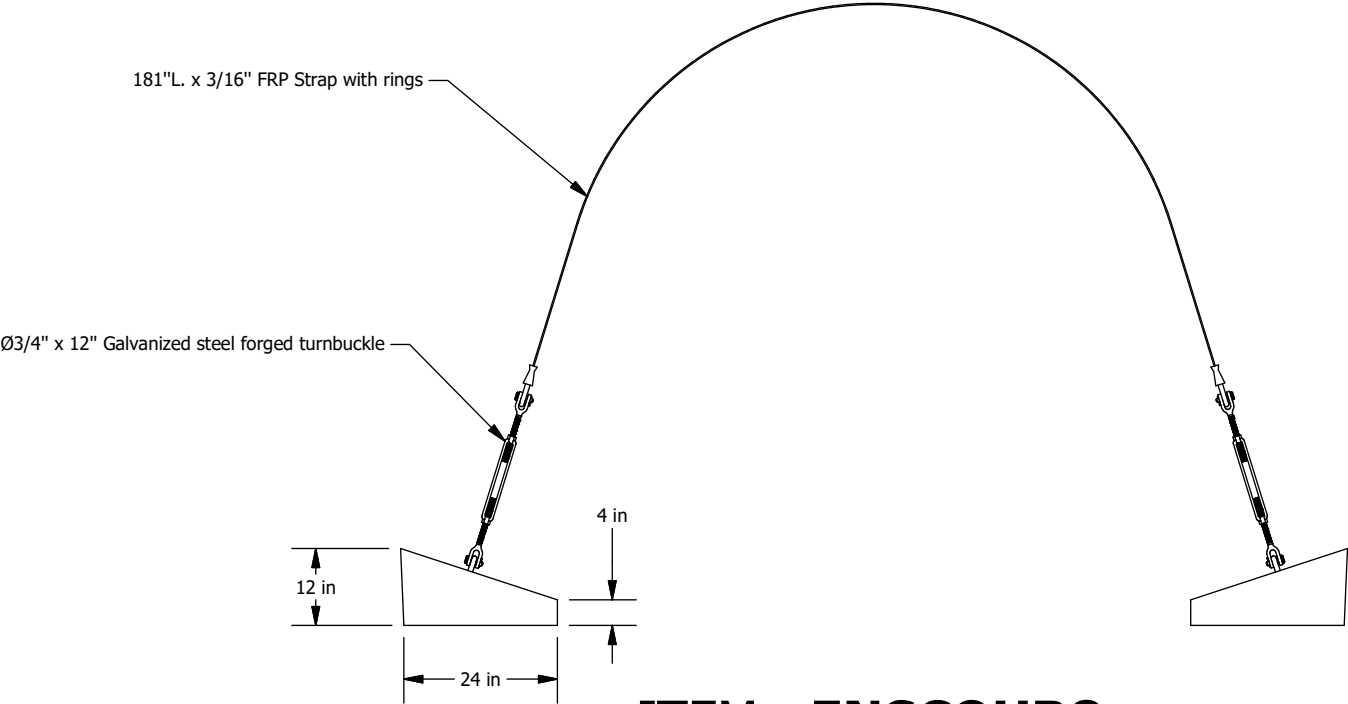
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TOLERANCES (LINEAR) FEET DIM. -> ± 1% 0.0 -> ± 0.5" 0.00 -> ± 0.25" 0.000 -> ± 0.125"			Revision description		
			Format B	Part no. NN08430824EU	REV 02.
TOLERANCES (ANGULAR) 0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG. 0.00 -> ± 0.1 DEG.		Drawn by O. Marin	20/12/2023		Title 8' Dia. TANK - 22309 US gal
Weight : 7548 Lb		Approved by :			
Client	# Project	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. NN08430824EU		REV 02.	
TOLERANCES (ANGULAR) 0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG. 0.00 -> ± 0.1 DEG.			20/12/2023			Title 8' Dia. TANK - 22309 US gal				
Weight : 7548 Lb										
Client		# Project			Sheet 3 / 4					



ITEM : ENSCOUR8



Fiberglass Strap Guide
Directly installed on the tank

- Turnbuckle**
- Forged carbon steel, hot-dip galvanized
 - In accordance with US specifications FF-T-791B Type 1, Form 1 (open cage).
 - Safety factor 5:1
 - Working load 5,200 Lbs
- Concrete deadman anchor**
- Weight : 1,093 Lbs
 - Reinforced with galvanized steel
- Fiberglass strap**
- High quality fiberglass
 - Working load 20,000 Lbs
 - Ultimate rated 45,000 Lbs
 - Equipped with galvanized steel rings

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TOLERANCES (LINEAR)						Revision description				
FEET DIM. -> ± 1%						Format	Part no.	REV		
0.0 -> ± 0.5"						B	ENSCOUR8	A.		
TOLERANCES (ANGULAR)			Drawn by			Title				
0 -> ± 2 DEG.			O. Marin			ANCHORING KIT				
0.0 -> ± 0.5 DEG.			Approved by :							
Weight :										
Client		# Projet			Sheet					
					4 / 4					



CAPACITY CHART FOR NN08430824 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	589	12	1653	18	2999	24	4544	30	6233	36	8021	42	9868	48	11740	54	13601	60	15415
1/8	2	6 1/8	607	12 1/8	1678	18 1/8	3029	24 1/8	4578	30 1/8	6269	36 1/8	8059	42 1/8	9907	48 1/8	11779	54 1/8	13639	60 1/8	15452
1/4	5	6 1/4	626	12 1/4	1704	18 1/4	3059	24 1/4	4612	30 1/4	6306	36 1/4	8097	42 1/4	9946	48 1/4	11818	54 1/4	13677	60 1/4	15489
3/8	10	6 3/8	645	12 3/8	1730	18 3/8	3090	24 3/8	4646	30 3/8	6342	36 3/8	8135	42 3/8	9985	48 3/8	11857	54 3/8	13716	60 3/8	15526
1/2	15	6 1/2	664	12 1/2	1756	18 1/2	3121	24 1/2	4680	30 1/2	6379	36 1/2	8173	42 1/2	10024	48 1/2	11896	54 1/2	13754	60 1/2	15563
5/8	20	6 5/8	683	12 5/8	1781	18 5/8	3151	24 5/8	4714	30 5/8	6415	36 5/8	8211	42 5/8	10063	48 5/8	11935	54 5/8	13792	60 5/8	15600
3/4	26	6 3/4	702	12 3/4	1808	18 3/4	3182	24 3/4	4748	30 3/4	6452	36 3/4	8249	42 3/4	10102	48 3/4	11974	54 3/4	13831	60 3/4	15637
7/8	33	6 7/8	722	12 7/8	1834	18 7/8	3213	24 7/8	4783	30 7/8	6489	36 7/8	8287	42 7/8	10141	48 7/8	12013	54 7/8	13869	60 7/8	15674
1	40	7	741	13	1860	19	3244	25	4817	31	6525	37	8326	43	10180	49	12052	55	13907	61	15711
1 1/8	48	7 1/8	761	13 1/8	1887	19 1/8	3275	25 1/8	4851	31 1/8	6562	37 1/8	8364	43 1/8	10219	49 1/8	12091	55 1/8	13945	61 1/8	15747
1 1/4	56	7 1/4	781	13 1/4	1913	19 1/4	3306	25 1/4	4886	31 1/4	6599	37 1/4	8402	43 1/4	10257	49 1/4	12130	55 1/4	13984	61 1/4	15784
1 3/8	65	7 3/8	801	13 3/8	1940	19 3/8	3337	25 3/8	4920	31 3/8	6635	37 3/8	8440	43 3/8	10296	49 3/8	12169	55 3/8	14022	61 3/8	15821
1 1/2	74	7 1/2	822	13 1/2	1967	19 1/2	3369	25 1/2	4955	31 1/2	6672	37 1/2	8478	43 1/2	10335	49 1/2	12208	55 1/2	14060	61 1/2	15857
1 5/8	83	7 5/8	842	13 5/8	1994	19 5/8	3400	25 5/8	4989	31 5/8	6709	37 5/8	8517	43 5/8	10374	49 5/8	12246	55 5/8	14098	61 5/8	15894
1 3/4	93	7 3/4	863	13 3/4	2021	19 3/4	3432	25 3/4	5024	31 3/4	6746	37 3/4	8555	43 3/4	10413	49 3/4	12285	55 3/4	14136	61 3/4	15930
1 7/8	103	7 7/8	884	13 7/8	2048	19 7/8	3463	25 7/8	5059	31 7/8	6783	37 7/8	8593	43 7/8	10452	49 7/8	12324	55 7/8	14174	61 7/8	15967
2	113	8	905	14	2075	20	3495	26	5094	32	6820	38	8632	44	10491	50	12363	56	14212	62	16003
2 1/8	124	8 1/8	926	14 1/8	2102	20 1/8	3526	26 1/8	5128	32 1/8	6857	38 1/8	8670	44 1/8	10530	50 1/8	12402	56 1/8	14250	62 1/8	16040
2 1/4	135	8 1/4	947	14 1/4	2130	20 1/4	3558	26 1/4	5163	32 1/4	6894	38 1/4	8709	44 1/4	10569	50 1/4	12441	56 1/4	14288	62 1/4	16076
2 3/8	147	8 3/8	969	14 3/8	2157	20 3/8	3590	26 3/8	5198	32 3/8	6931	38 3/8	8747	44 3/8	10608	50 3/8	12480	56 3/8	14326	62 3/8	16113
2 1/2	159	8 1/2	990	14 1/2	2185	20 1/2	3622	26 1/2	5233	32 1/2	6968	38 1/2	8785	44 1/2	10647	50 1/2	12519	56 1/2	14364	62 1/2	16149
2 5/8	171	8 5/8	1012	14 5/8	2213	20 5/8	3654	26 5/8	5268	32 5/8	7005	38 5/8	8824	44 5/8	10686	50 5/8	12557	56 5/8	14402	62 5/8	16185
2 3/4	183	8 3/4	1034	14 3/4	2240	20 3/4	3686	26 3/4	5303	32 3/4	7043	38 3/4	8862	44 3/4	10725	50 3/4	12596	56 3/4	14440	62 3/4	16221
2 7/8	196	8 7/8	1056	14 7/8	2268	20 7/8	3718	26 7/8	5338	32 7/8	7080	38 7/8	8901	44 7/8	10764	50 7/8	12635	56 7/8	14478	62 7/8	16257
3	208	9	1078	15	2296	21	3750	27	5374	33	7117	39	8939	45	10803	51	12674	57	14516	63	16294
3 1/8	222	9 1/8	1101	15 1/8	2325	21 1/8	3783	27 1/8	5409	33 1/8	7154	39 1/8	8978	45 1/8	10842	51 1/8	12713	57 1/8	14554	63 1/8	16330
3 1/4	235	9 1/4	1123	15 1/4	2353	21 1/4	3815	27 1/4	5444	33 1/4	7192	39 1/4	9016	45 1/4	10881	51 1/4	12751	57 1/4	14592	63 1/4	16366
3 3/8	249	9 3/8	1146	15 3/8	2381	21 3/8	3847	27 3/8	5480	33 3/8	7229	39 3/8	9055	45 3/8	10920	51 3/8	12790	57 3/8	14629	63 3/8	16402
3 1/2	263	9 1/2	1169	15 1/2	2410	21 1/2	3880	27 1/2	5515	33 1/2	7266	39 1/2	9094	45 1/2	10959	51 1/2	12829	57 1/2	14667	63 1/2	16438
3 5/8	277	9 5/8	1192	15 5/8	2438	21 5/8	3912	27 5/8	5550	33 5/8	7304	39 5/8	9132	45 5/8	10998	51 5/8	12868	57 5/8	14705	63 5/8	16473
3 3/4	291	9 3/4	1215	15 3/4	2467	21 3/4	3945	27 3/4	5586	33 3/4	7341	39 3/4	9171	45 3/4	11038	51 3/4	12906	57 3/4	14742	63 3/4	16509
3 7/8	306	9 7/8	1238	15 7/8	2496	21 7/8	3978	27 7/8	5621	33 7/8	7379	39 7/8	9209	45 7/8	11077	51 7/8	12945	57 7/8	14780	63 7/8	16545
4	321	10	1261	16	2525	22	4011	28	5657	34	7416	40	9248	46	11116	52	12984	58	14818	64	16581
4 1/8	336	10 1/8	1285	16 1/8	2553	22 1/8	4043	28 1/8	5693	34 1/8	7454	40 1/8	9287	46 1/8	11155	52 1/8	13022	58 1/8	14855	64 1/8	16617
4 1/4	351	10 1/4	1308	16 1/4	2582	22 1/4	4076	28 1/4	5728	34 1/4	7492	40 1/4	9325	46 1/4	11194	52 1/4	13061	58 1/4	14893	64 1/4	16652
4 3/8	367	10 3/8	1332	16 3/8	2612	22 3/8	4109	28 3/8	5764	34 3/8	7529	40 3/8	9364	46 3/8	11233	52 3/8	13100	58 3/8	14930	64 3/8	16688
4 1/2	383	10 1/2	1356	16 1/2	2641	22 1/2	4142	28 1/2	5800	34 1/2	7567	40 1/2	9403	46 1/2	11272	52 1/2	13138	58 1/2	14968	64 1/2	16723
4 5/8	399	10 5/8	1380	16 5/8	2670	22 5/8	4175	28 5/8	5836	34 5/8	7604	40 5/8	9442	46 5/8	11311	52 5/8	13177	58 5/8	15005	64 5/8	16759
4 3/4	415	10 3/4	1404	16 3/4	2700	22 3/4	4209	28 3/4	5872	34 3/4	7642	40 3/4	9480	46 3/4	11350	52 3/4	13216	58 3/4	15043	64 3/4	16794
4 7/8	431	10 7/8	1428	16 7/8	2729	22 7/8	4242	28 7/8	5908	34 7/8	7680	40 7/8	9519	46 7/8	11389	52 7/8	13254	58 7/8	15080	64 7/8	16830
5	448	11	1453	17	2759	23	4275	29	5944	35	7718	41	9558	47	11428	53	13293	59	15118	65	16865
5 1/8	465	11 1/8	1477	17 1/8	2788	23 1/8	4309	29 1/8	5980	35 1/8	7755	41 1/8	9597	47 1/8	11467	53 1/8	13331	59 1/8	15155	65 1/8	16900
5 1/4	482	11 1/4	1502	17 1/4	2818	23 1/4	4342	29 1/4	6016	35 1/4	7793	41 1/4	9635	47 1/4	11506	53 1/4	13370	59 1/4	15192	65 1/4	16936
5 3/8	499	11 3/8	1527	17 3/8	2848	23 3/8	4376	29 3/8	6052	35 3/8	7831	41 3/8	9674	47 3/8	11545	53 3/8	13408	59 3/8	15229	65 3/8	16971
5 1/2	517	11 1/2	1552	17 1/2	2878	23 1/2	4409	29 1/2	6088	35 1/2	7869	41 1/2	9713	47 1/2	11584	53 1/2	13447	59 1/2	15267	65 1/2	17006
5 5/8	535	11 5/8	1577	17 5/8	2908	23 5/8	4443	29 5/8	6124	35 5/8	7907	41 5/8	9752	47 5/8	11623	53 5/8	13485	59 5/8	15304	65 5/8	17041
5 3/4	552	11 3/4	1602	17 3/4	2938	23 3/4	4477	29 3/4	6160	35 3/4	7945	41 3/4	9791	47 3/4	11662	53 3/4	13524	59 3/4	15341	65 3/4	17076
5 7/8	571	11 7/8	1627	17 7/8	2968	23 7/8	4510	29 7/8	6197	35 7/8	7983	41 7/8	9830	47 7/8	11701	53 7/8	13562	59 7/8	15378	65 7/8	17111

** PRECISION IS ABOUT +/- 1%



CAPACITY CHART FOR NN08430824 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	17146	69	17967	72	18751	75	19491	78	20180	81	20807	84	21362	87	21827	90	22174				
66 1/8	17181	69 1/8	18001	72 1/8	18783	75 1/8	19521	78 1/8	20207	81 1/8	20832	84 1/8	21383	87 1/8	21844	90 1/8	22185				
66 1/4	17216	69 1/4	18034	72 1/4	18814	75 1/4	19551	78 1/4	20234	81 1/4	20856	84 1/4	21404	87 1/4	21861	90 1/4	22196				
66 3/8	17250	69 3/8	18067	72 3/8	18846	75 3/8	19580	78 3/8	20262	81 3/8	20881	84 3/8	21425	87 3/8	21878	90 3/8	22206				
66 1/2	17285	69 1/2	18101	72 1/2	18878	75 1/2	19610	78 1/2	20289	81 1/2	20905	84 1/2	21446	87 1/2	21894	90 1/2	22216				
66 5/8	17320	69 5/8	18134	72 5/8	18909	75 5/8	19639	78 5/8	20316	81 5/8	20929	84 5/8	21467	87 5/8	21910	90 5/8	22226				
66 3/4	17354	69 3/4	18167	72 3/4	18940	75 3/4	19668	78 3/4	20343	81 3/4	20953	84 3/4	21487	87 3/4	21927	90 3/4	22235				
66 7/8	17389	69 7/8	18200	72 7/8	18972	75 7/8	19698	78 7/8	20369	81 7/8	20977	84 7/8	21508	87 7/8	21942	90 7/8	22244				
67	17423	70	18233	73	19003	76	19727	79	20396	82	21001	85	21528	88	21958	91	22253				
67 1/8	17458	70 1/8	18266	73 1/8	19034	76 1/8	19756	79 1/8	20423	82 1/8	21024	85 1/8	21548	88 1/8	21973	91 1/8	22261				
67 1/4	17492	70 1/4	18299	73 1/4	19065	76 1/4	19785	79 1/4	20449	82 1/4	21048	85 1/4	21568	88 1/4	21988	91 1/4	22269				
67 3/8	17527	70 3/8	18331	73 3/8	19096	76 3/8	19814	79 3/8	20475	82 3/8	21071	85 3/8	21588	88 3/8	22003	91 3/8	22276				
67 1/2	17561	70 1/2	18364	73 1/2	19127	76 1/2	19842	79 1/2	20502	82 1/2	21095	85 1/2	21607	88 1/2	22018	91 1/2	22283				
67 5/8	17595	70 5/8	18397	73 5/8	19158	76 5/8	19871	79 5/8	20528	82 5/8	21118	85 5/8	21626	88 5/8	22032	91 5/8	22289				
67 3/4	17629	70 3/4	18429	73 3/4	19189	76 3/4	19900	79 3/4	20554	82 3/4	21141	85 3/4	21646	88 3/4	22047	91 3/4	22295				
67 7/8	17663	70 7/8	18462	73 7/8	19219	76 7/8	19928	79 7/8	20580	82 7/8	21163	85 7/8	21665	88 7/8	22061	91 7/8	22300				
68	17697	71	18494	74	19250	77	19956	80	20605	83	21186	86	21683	89	22074	92	22304				
68 1/8	17731	71 1/8	18527	74 1/8	19280	77 1/8	19985	80 1/8	20631	83 1/8	21208	86 1/8	21702	89 1/8	22088	92 1/8	22307				
68 1/4	17765	71 1/4	18559	74 1/4	19311	77 1/4	20013	80 1/4	20657	83 1/4	21231	86 1/4	21720	89 1/4	22101	92 1/4	22309				
68 3/8	17799	71 3/8	18591	74 3/8	19341	77 3/8	20041	80 3/8	20682	83 3/8	21253	86 3/8	21739	89 3/8	22114	92 3/8	22309				
68 1/2	17833	71 1/2	18623	74 1/2	19371	77 1/2	20069	80 1/2	20707	83 1/2	21275	86 1/2	21757	89 1/2	22126						
68 5/8	17866	71 5/8	18655	74 5/8	19401	77 5/8	20097	80 5/8	20732	83 5/8	21297	86 5/8	21775	89 5/8	22139						
68 3/4	17900	71 3/4	18687	74 3/4	19431	77 3/4	20124	80 3/4	20757	83 3/4	21319	86 3/4	21792	89 3/4	22151						
68 7/8	17934	71 7/8	18719	74 7/8	19461	77 7/8	20152	80 7/8	20782	83 7/8	21340	86 7/8	21810	89 7/8	22162						

** PRECISION IS ABOUT +/- 1%