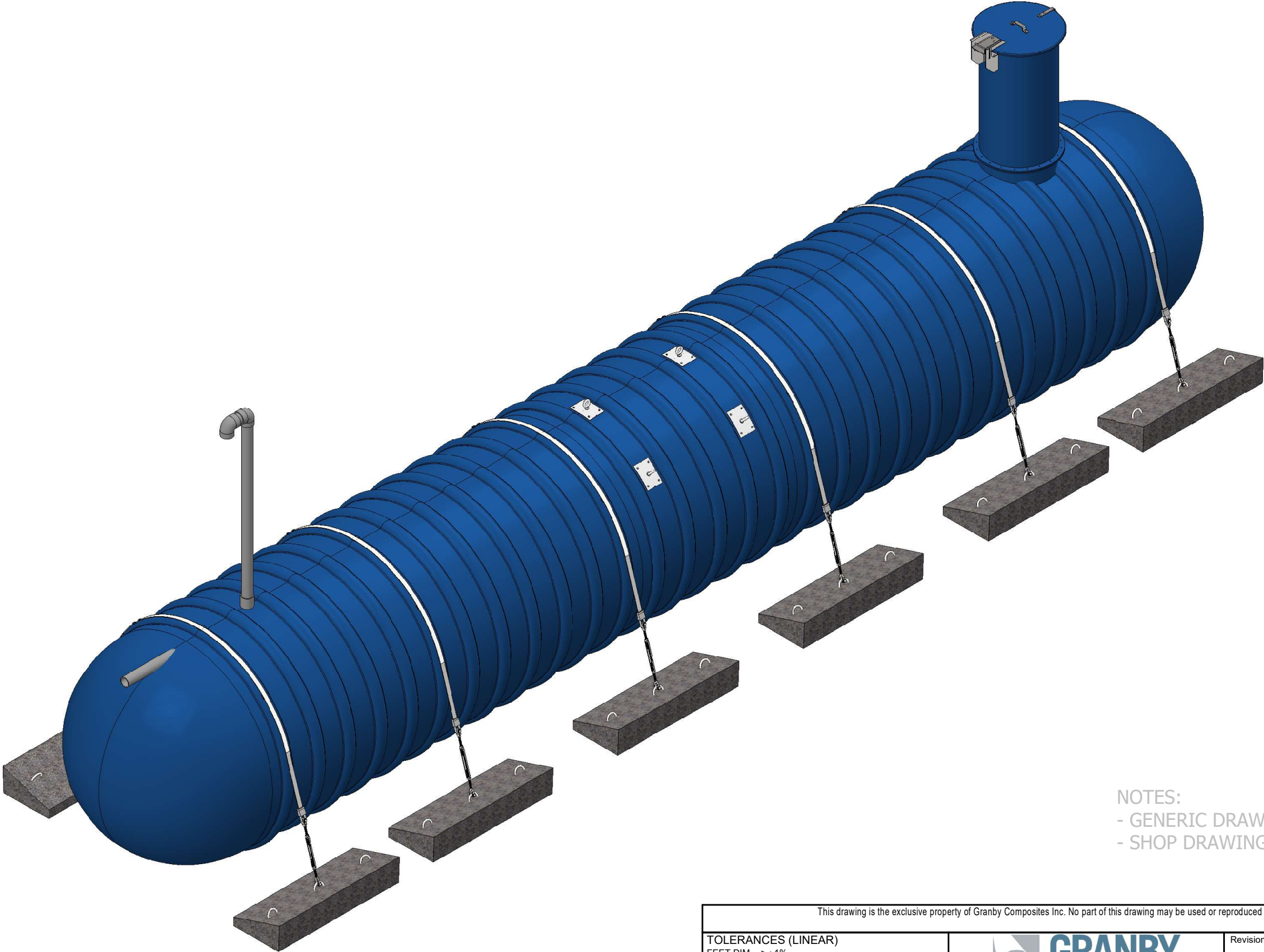


NN08290573EU
 FIBERGLASS TANK



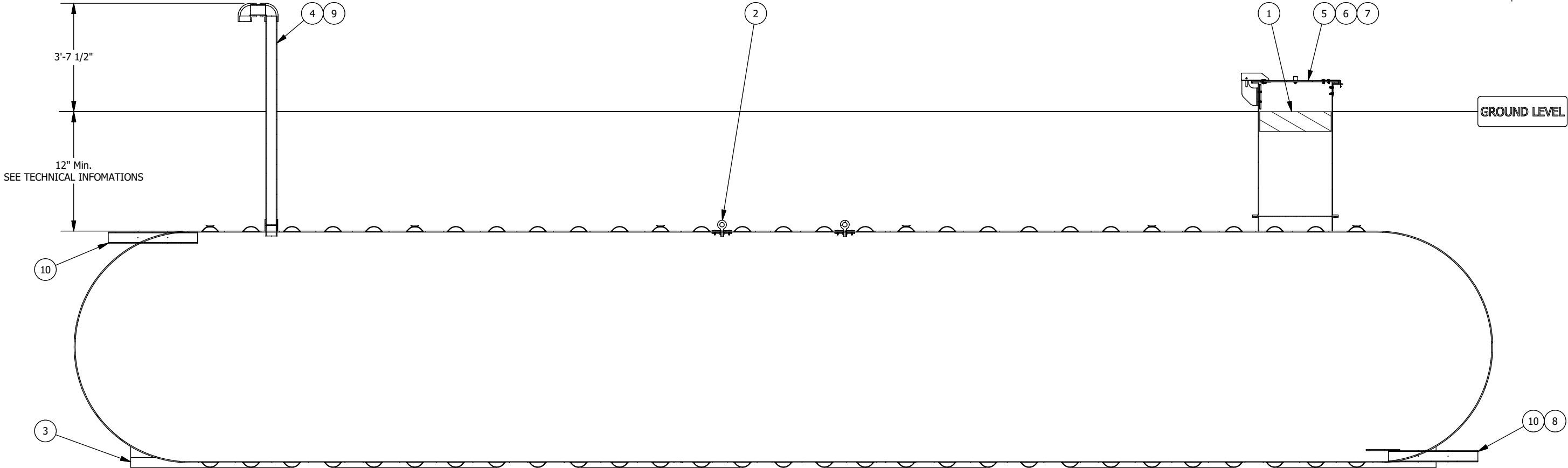
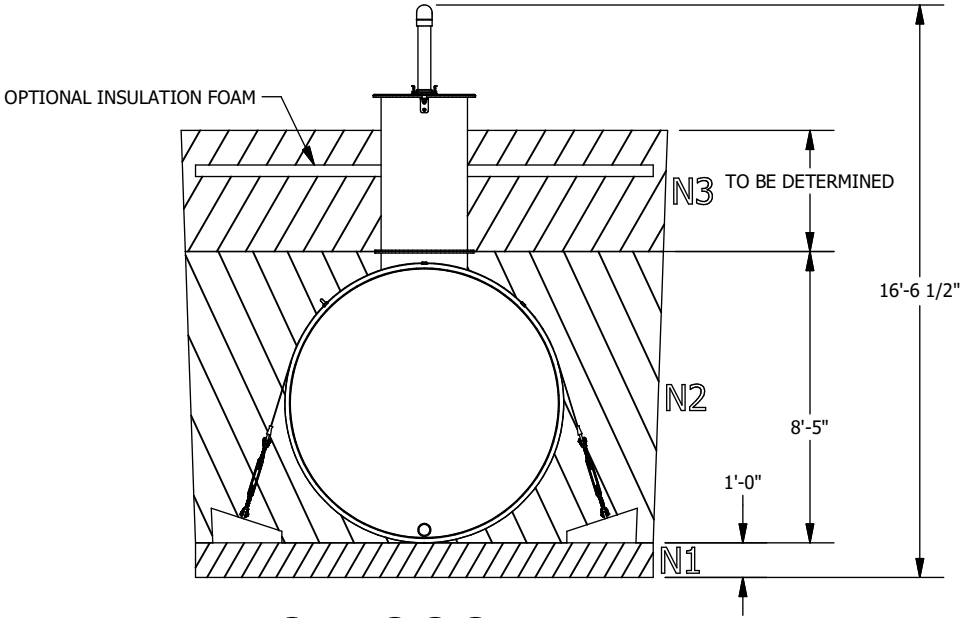
NOTES:
 - GENERIC DRAWING FOR REFERENCE ONLY
 - SHOP DRAWING AVAILABLE ON REQUEST

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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		Format B Part no. NN08290573EU		REV 02.
Weight : 5438 Lb		Approved by :		Title		
Client		# Projet		Sheet 1 / 4		8' Dia. TANK - 15625 US gal

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	6	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

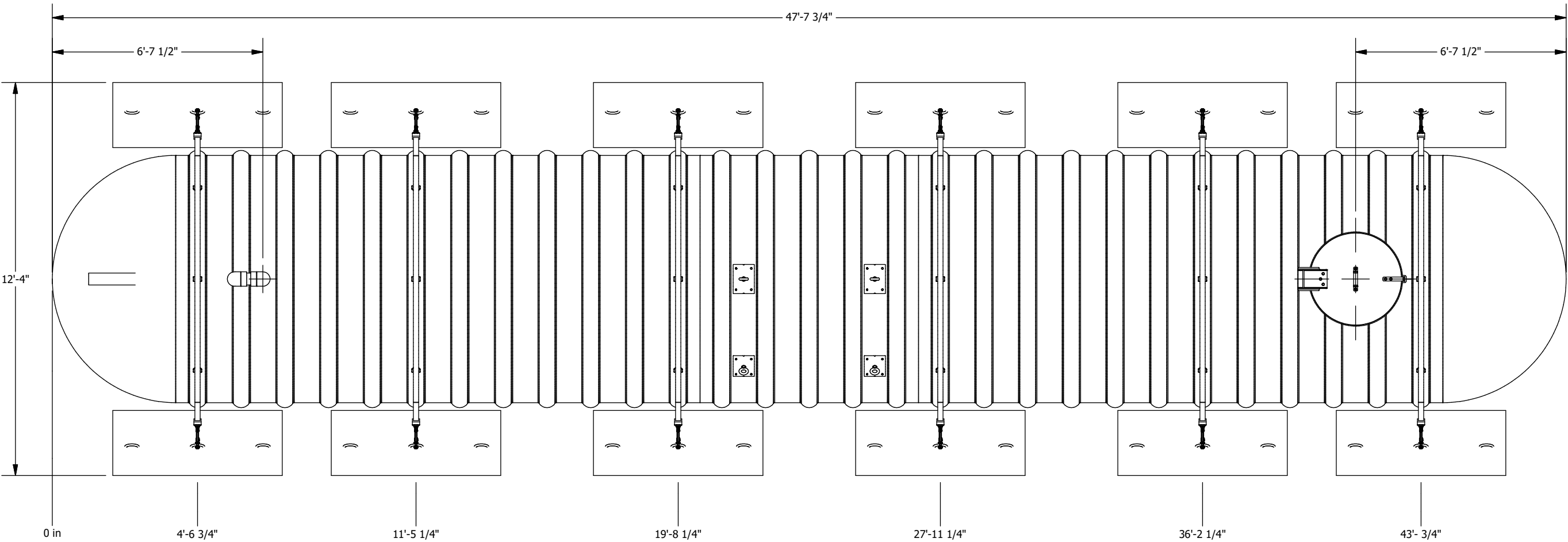
Technical informations

- Burrial depth: According to the geotechnical installation conditions
- Inside Diameter : 92.25"
- (If required) Quantity of fiberglass anchoring straps : 6
- (If required) Quantity of reinforced concrete deadman anchors : 12
- 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"		 GRANBY COMPOSITES	Revision description		
			Format B	Part no. NN08290573EU	REV 02.
TOLERANCES (ANGULAR) 0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG. 0.00 -> ± 0.1 DEG.		Drawn by O. Marin	20/12/2023		
Weight : 5438 Lb		Approved by :	Title 8' Dia. TANK - 15625 US gal		
Client	# Project	Sheet 2 / 4			



PLAN VIEW

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TOLERANCES (LINEAR) FEET DIM. -> ± 1% 0.0 -> ± 0.5"		 GRANBY COMPOSITES		Revision description	
				Format B	Part no. NN08290573EU
TOLERANCES (ANGULAR) 0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG.		Drawn by O. Marin		REV 02.	
				Title	
Weight : 5438 Lb		Approved by :		8' Dia. TANK - 15625 US gal	
Client	# Projet	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							
0.0 -> ± 0.5 DEG.			04/10/2018							
Weight :			Approved by :			ANCHORING KIT				
Client		# Projet			Sheet					
					4 / 4					



CAPACITY CHART FOR NN08290573 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	404	12	1142	18	2080	24	3162	30	4348	36	5605	42	6906	48	8225	54	9536	60	10813
1/8	2	6 1/8	417	12 1/8	1159	18 1/8	2101	24 1/8	3186	30 1/8	4373	36 1/8	5632	42 1/8	6934	48 1/8	8253	54 1/8	9563	60 1/8	10839
1/4	4	6 1/4	430	12 1/4	1177	18 1/4	2123	24 1/4	3210	30 1/4	4399	36 1/4	5659	42 1/4	6961	48 1/4	8280	54 1/4	9590	60 1/4	10865
3/8	7	6 3/8	443	12 3/8	1195	18 3/8	2144	24 3/8	3233	30 3/8	4425	36 3/8	5686	42 3/8	6989	48 3/8	8308	54 3/8	9617	60 3/8	10891
1/2	10	6 1/2	456	12 1/2	1213	18 1/2	2165	24 1/2	3257	30 1/2	4450	36 1/2	5712	42 1/2	7016	48 1/2	8335	54 1/2	9644	60 1/2	10917
5/8	14	6 5/8	469	12 5/8	1231	18 5/8	2187	24 5/8	3281	30 5/8	4476	36 5/8	5739	42 5/8	7043	48 5/8	8362	54 5/8	9671	60 5/8	10943
3/4	18	6 3/4	483	12 3/4	1249	18 3/4	2208	24 3/4	3305	30 3/4	4502	36 3/4	5766	42 3/4	7071	48 3/4	8390	54 3/4	9698	60 3/4	10969
7/8	23	6 7/8	496	12 7/8	1268	18 7/8	2230	24 7/8	3329	30 7/8	4527	36 7/8	5793	42 7/8	7098	48 7/8	8417	54 7/8	9725	60 7/8	10995
1	28	7	510	13	1286	19	2252	25	3353	31	4553	37	5820	43	7126	49	8445	55	9752	61	11021
1 1/8	33	7 1/8	523	13 1/8	1304	19 1/8	2273	25 1/8	3378	31 1/8	4579	37 1/8	5847	43 1/8	7153	49 1/8	8472	55 1/8	9779	61 1/8	11046
1 1/4	38	7 1/4	537	13 1/4	1323	19 1/4	2295	25 1/4	3402	31 1/4	4605	37 1/4	5874	43 1/4	7181	49 1/4	8500	55 1/4	9806	61 1/4	11072
1 3/8	44	7 3/8	551	13 3/8	1341	19 3/8	2317	25 3/8	3426	31 3/8	4631	37 3/8	5901	43 3/8	7208	49 3/8	8527	55 3/8	9832	61 3/8	11098
1 1/2	50	7 1/2	565	13 1/2	1360	19 1/2	2339	25 1/2	3450	31 1/2	4657	37 1/2	5928	43 1/2	7236	49 1/2	8555	55 1/2	9859	61 1/2	11124
1 5/8	57	7 5/8	579	13 5/8	1379	19 5/8	2361	25 5/8	3474	31 5/8	4683	37 5/8	5955	43 5/8	7263	49 5/8	8582	55 5/8	9886	61 5/8	11149
1 3/4	63	7 3/4	594	13 3/4	1398	19 3/4	2383	25 3/4	3499	31 3/4	4708	37 3/4	5982	43 3/4	7290	49 3/4	8609	55 3/4	9913	61 3/4	11175
1 7/8	70	7 7/8	608	13 7/8	1417	19 7/8	2405	25 7/8	3523	31 7/8	4734	37 7/8	6009	43 7/8	7318	49 7/8	8637	55 7/8	9940	61 7/8	11201
2	78	8	623	14	1436	20	2427	26	3547	32	4760	38	6036	44	7345	50	8664	56	9967	62	11226
2 1/8	85	8 1/8	637	14 1/8	1455	20 1/8	2449	26 1/8	3572	32 1/8	4786	38 1/8	6063	44 1/8	7373	50 1/8	8692	56 1/8	9993	62 1/8	11252
2 1/4	92	8 1/4	652	14 1/4	1474	20 1/4	2471	26 1/4	3596	32 1/4	4813	38 1/4	6090	44 1/4	7400	50 1/4	8719	56 1/4	10020	62 1/4	11278
2 3/8	100	8 3/8	667	14 3/8	1493	20 3/8	2494	26 3/8	3621	32 3/8	4839	38 3/8	6117	44 3/8	7428	50 3/8	8746	56 3/8	10047	62 3/8	11303
2 1/2	108	8 1/2	682	14 1/2	1512	20 1/2	2516	26 1/2	3645	32 1/2	4865	38 1/2	6144	44 1/2	7455	50 1/2	8774	56 1/2	10074	62 1/2	11329
2 5/8	117	8 5/8	697	14 5/8	1531	20 5/8	2538	26 5/8	3670	32 5/8	4891	38 5/8	6171	44 5/8	7483	50 5/8	8801	56 5/8	10100	62 5/8	11354
2 3/4	125	8 3/4	712	14 3/4	1551	20 3/4	2561	26 3/4	3695	32 3/4	4917	38 3/4	6198	44 3/4	7510	50 3/4	8828	56 3/4	10127	62 3/4	11380
2 7/8	134	8 7/8	728	14 7/8	1570	20 7/8	2583	26 7/8	3719	32 7/8	4943	38 7/8	6225	44 7/8	7538	50 7/8	8856	56 7/8	10154	62 7/8	11405
3	143	9	743	15	1590	21	2606	27	3744	33	4969	39	6252	45	7565	51	8883	57	10180	63	11430
3 1/8	152	9 1/8	758	15 1/8	1610	21 1/8	2628	27 1/8	3769	33 1/8	4996	39 1/8	6279	45 1/8	7593	51 1/8	8910	57 1/8	10207	63 1/8	11456
3 1/4	161	9 1/4	774	15 1/4	1629	21 1/4	2651	27 1/4	3794	33 1/4	5022	39 1/4	6306	45 1/4	7620	51 1/4	8938	57 1/4	10233	63 1/4	11481
3 3/8	170	9 3/8	790	15 3/8	1649	21 3/8	2674	27 3/8	3818	33 3/8	5048	39 3/8	6334	45 3/8	7648	51 3/8	8965	57 3/8	10260	63 3/8	11506
3 1/2	180	9 1/2	806	15 1/2	1669	21 1/2	2697	27 1/2	3843	33 1/2	5075	39 1/2	6361	45 1/2	7675	51 1/2	8992	57 1/2	10287	63 1/2	11532
3 5/8	189	9 5/8	821	15 5/8	1689	21 5/8	2719	27 5/8	3868	33 5/8	5101	39 5/8	6388	45 5/8	7703	51 5/8	9020	57 5/8	10313	63 5/8	11557
3 3/4	199	9 3/4	837	15 3/4	1709	21 3/4	2742	27 3/4	3893	33 3/4	5127	39 3/4	6415	45 3/4	7730	51 3/4	9047	57 3/4	10340	63 3/4	11582
3 7/8	209	9 7/8	854	15 7/8	1729	21 7/8	2765	27 7/8	3918	33 7/8	5154	39 7/8	6442	45 7/8	7758	51 7/8	9074	57 7/8	10366	63 7/8	11607
4	220	10	870	16	1749	22	2788	28	3943	34	5180	40	6470	46	7785	52	9101	58	10393	64	11632
4 1/8	230	10 1/8	886	16 1/8	1769	22 1/8	2811	28 1/8	3968	34 1/8	5206	40 1/8	6497	46 1/8	7813	52 1/8	9129	58 1/8	10419	64 1/8	11657
4 1/4	241	10 1/4	902	16 1/4	1789	22 1/4	2834	28 1/4	3993	34 1/4	5233	40 1/4	6524	46 1/4	7840	52 1/4	9156	58 1/4	10445	64 1/4	11682
4 3/8	251	10 3/8	919	16 3/8	1810	22 3/8	2857	28 3/8	4018	34 3/8	5259	40 3/8	6551	46 3/8	7868	52 3/8	9183	58 3/8	10472	64 3/8	11707
4 1/2	262	10 1/2	935	16 1/2	1830	22 1/2	2880	28 1/2	4043	34 1/2	5286	40 1/2	6579	46 1/2	7895	52 1/2	9210	58 1/2	10498	64 1/2	11732
4 5/8	273	10 5/8	952	16 5/8	1851	22 5/8	2904	28 5/8	4069	34 5/8	5312	40 5/8	6606	46 5/8	7923	52 5/8	9238	58 5/8	10525	64 5/8	11757
4 3/4	285	10 3/4	969	16 3/4	1871	22 3/4	2927	28 3/4	4094	34 3/4	5339	40 3/4	6633	46 3/4	7950	52 3/4	9265	58 3/4	10551	64 3/4	11782
4 7/8	296	10 7/8	986	16 7/8	1892	22 7/8	2950	28 7/8	4119	34 7/8	5365	40 7/8	6660	46 7/8	7978	52 7/8	9292	58 7/8	10577	64 7/8	11807
5	307	11	1003	17	1912	23	2974	29	4144	35	5392	41	6688	47	8005	53	9319	59	10604	65	11832
5 1/8	319	11 1/8	1020	17 1/8	1933	23 1/8	2997	29 1/8	4170	35 1/8	5419	41 1/8	6715	47 1/8	8033	53 1/8	9346	59 1/8	10630	65 1/8	11857
5 1/4	331	11 1/4	1037	17 1/4	1954	23 1/4	3020	29 1/4	4195	35 1/4	5445	41 1/4	6742	47 1/4	8060	53 1/4	9373	59 1/4	10656	65 1/4	11881
5 3/8	343	11 3/8	1054	17 3/8	1975	23 3/8	3044	29 3/8	4220	35 3/8	5472	41 3/8	6770	47 3/8	8088	53 3/8	9400	59 3/8	10682	65 3/8	11906
5 1/2	355	11 1/2	1071	17 1/2	1996	23 1/2	3067	29 1/2	4246	35 1/2	5499	41 1/2	6797	47 1/2	8115	53 1/2	9428	59 1/2	10708	65 1/2	11931
5 5/8	367	11 5/8	1089	17 5/8	2017	23 5/8	3091	29 5/8	4271	35 5/8	5525	41 5/8	6824	47 5/8	8143	53 5/8	9455	59 5/8	10735	65 5/8	11955
5 3/4	379	11 3/4	1106	17 3/4	2038	23 3/4	3115	29 3/4	4297	35 3/4	5552	41 3/4	6852	47 3/4	8170	53 3/4	9482	59 3/4	10761	65 3/4	11980
5 7/8	392	11 7/8	1124	17 7/8	2059	23 7/8	3138	29 7/8	4322	35 7/8	5579	41 7/8	6879	47 7/8	8198	53 7/8	9509	59 7/8	10787	65 7/8	12005

** PRECISION IS ABOUT +/- 1%



CAPACITY CHART FOR NN08290573 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	12029	69	12605	72	13154	75	13671	78	14152	81	14588	84	14973	87	15295	90	15533				
66 1/8	12054	69 1/8	12628	72 1/8	13176	75 1/8	13692	78 1/8	14171	81 1/8	14606	84 1/8	14988	87 1/8	15306	90 1/8	15541				
66 1/4	12078	69 1/4	12652	72 1/4	13198	75 1/4	13713	78 1/4	14190	81 1/4	14623	84 1/4	15003	87 1/4	15318	90 1/4	15548				
66 3/8	12102	69 3/8	12675	72 3/8	13221	75 3/8	13734	78 3/8	14209	81 3/8	14640	84 3/8	15017	87 3/8	15330	90 3/8	15555				
66 1/2	12127	69 1/2	12699	72 1/2	13243	75 1/2	13754	78 1/2	14228	81 1/2	14656	84 1/2	15032	87 1/2	15341	90 1/2	15562				
66 5/8	12151	69 5/8	12722	72 5/8	13265	75 5/8	13775	78 5/8	14247	81 5/8	14673	84 5/8	15046	87 5/8	15352	90 5/8	15569				
66 3/4	12175	69 3/4	12745	72 3/4	13287	75 3/4	13795	78 3/4	14265	81 3/4	14690	84 3/4	15060	87 3/4	15363	90 3/4	15575				
66 7/8	12200	69 7/8	12768	72 7/8	13308	75 7/8	13816	78 7/8	14284	81 7/8	14707	84 7/8	15074	87 7/8	15374	90 7/8	15581				
67	12224	70	12791	73	13330	76	13836	79	14303	82	14723	85	15088	88	15385	91	15587				
67 1/8	12248	70 1/8	12814	73 1/8	13352	76 1/8	13856	79 1/8	14321	82 1/8	14739	85 1/8	15102	88 1/8	15395	91 1/8	15593				
67 1/4	12272	70 1/4	12837	73 1/4	13374	76 1/4	13876	79 1/4	14339	82 1/4	14756	85 1/4	15116	88 1/4	15406	91 1/4	15598				
67 3/8	12296	70 3/8	12860	73 3/8	13395	76 3/8	13897	79 3/8	14358	82 3/8	14772	85 3/8	15129	88 3/8	15416	91 3/8	15603				
67 1/2	12320	70 1/2	12883	73 1/2	13417	76 1/2	13917	79 1/2	14376	82 1/2	14788	85 1/2	15143	88 1/2	15426	91 1/2	15607				
67 5/8	12344	70 5/8	12906	73 5/8	13439	76 5/8	13937	79 5/8	14394	82 5/8	14804	85 5/8	15156	88 5/8	15436	91 5/8	15612				
67 3/4	12368	70 3/4	12929	73 3/4	13460	76 3/4	13957	79 3/4	14412	82 3/4	14820	85 3/4	15169	88 3/4	15446	91 3/4	15615				
67 7/8	12392	70 7/8	12952	73 7/8	13481	76 7/8	13976	79 7/8	14430	82 7/8	14836	85 7/8	15183	88 7/8	15455	91 7/8	15619				
68	12416	71	12974	74	13503	77	13996	80	14448	83	14851	86	15196	89	15465	92	15622				
68 1/8	12440	71 1/8	12997	74 1/8	13524	77 1/8	14016	80 1/8	14466	83 1/8	14867	86 1/8	15208	89 1/8	15474	92 1/8	15624				
68 1/4	12463	71 1/4	13020	74 1/4	13545	77 1/4	14036	80 1/4	14484	83 1/4	14883	86 1/4	15221	89 1/4	15483	92 1/4	15625				
68 3/8	12487	71 3/8	13042	74 3/8	13567	77 3/8	14055	80 3/8	14501	83 3/8	14898	86 3/8	15234	89 3/8	15492	92 3/8	15625				
68 1/2	12511	71 1/2	13065	74 1/2	13588	77 1/2	14075	80 1/2	14519	83 1/2	14913	86 1/2	15246	89 1/2	15500						
68 5/8	12534	71 5/8	13087	74 5/8	13609	77 5/8	14094	80 5/8	14537	83 5/8	14928	86 5/8	15259	89 5/8	15509						
68 3/4	12558	71 3/4	13109	74 3/4	13630	77 3/4	14113	80 3/4	14554	83 3/4	14943	86 3/4	15271	89 3/4	15517						
68 7/8	12582	71 7/8	13132	74 7/8	13651	77 7/8	14133	80 7/8	14571	83 7/8	14958	86 7/8	15283	89 7/8	15525						

** PRECISION IS ABOUT +/- 1%