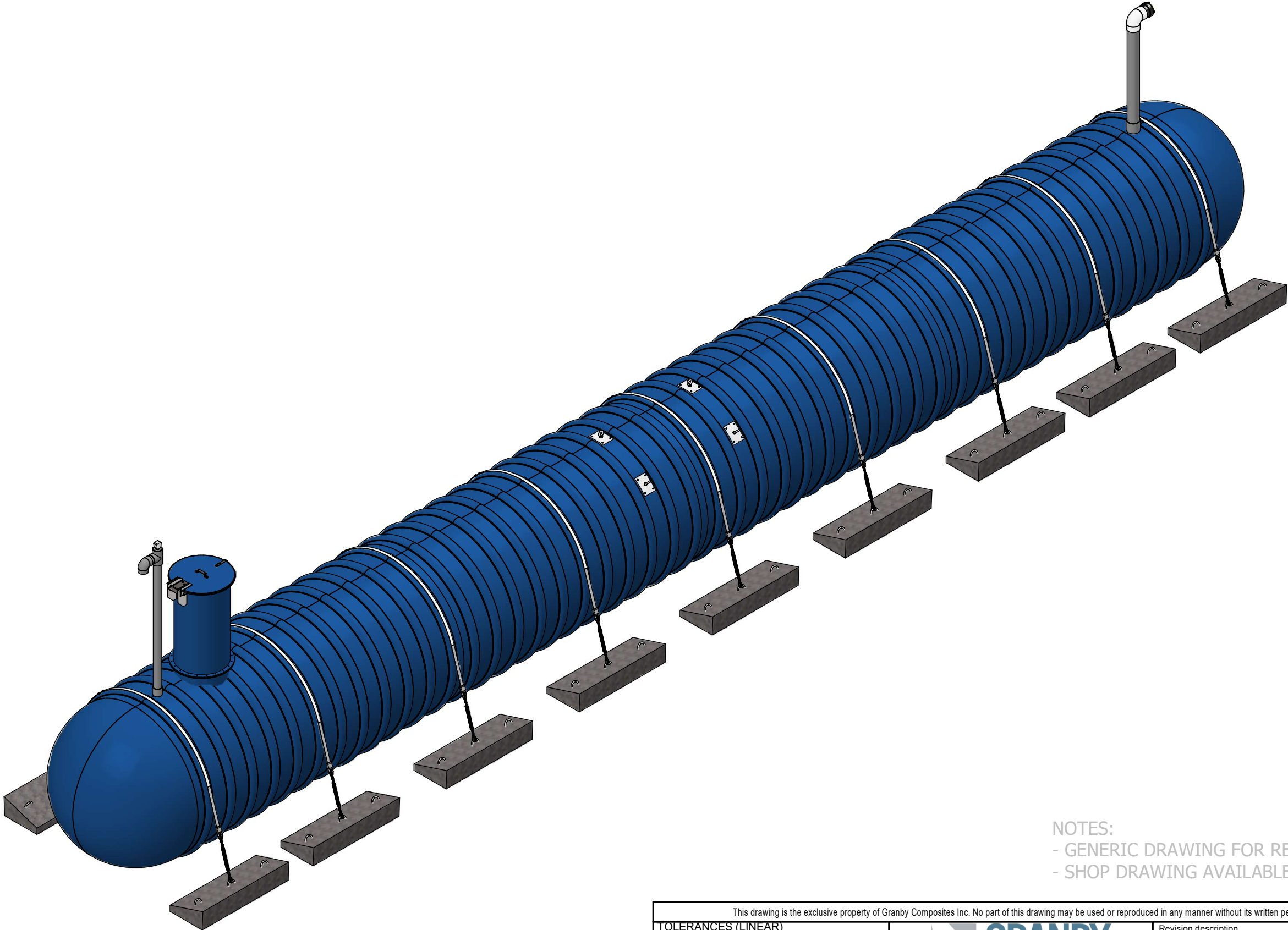


NN08460878FP

FIBERGLASS TANK
 TOTAL CAPACITY : 23741 US gal
 NET CAPACITY : 23113 US gal

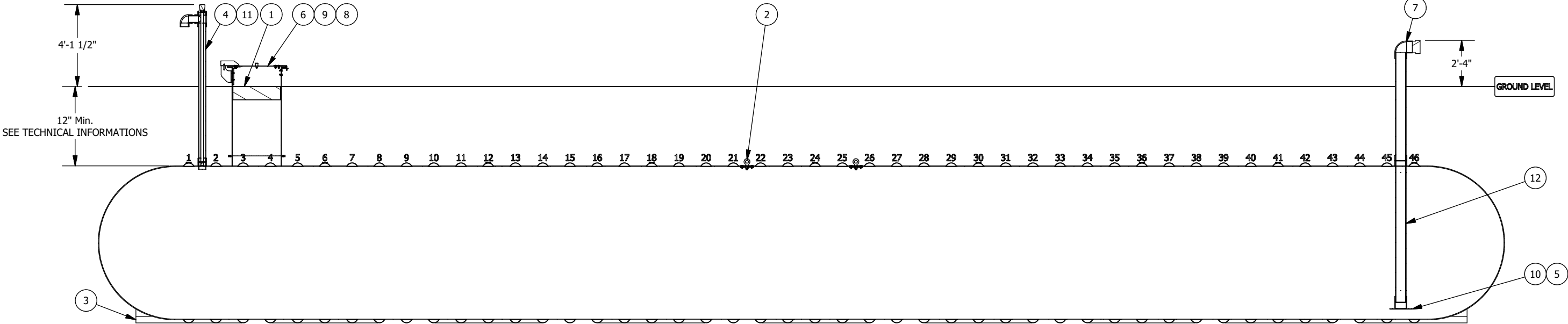
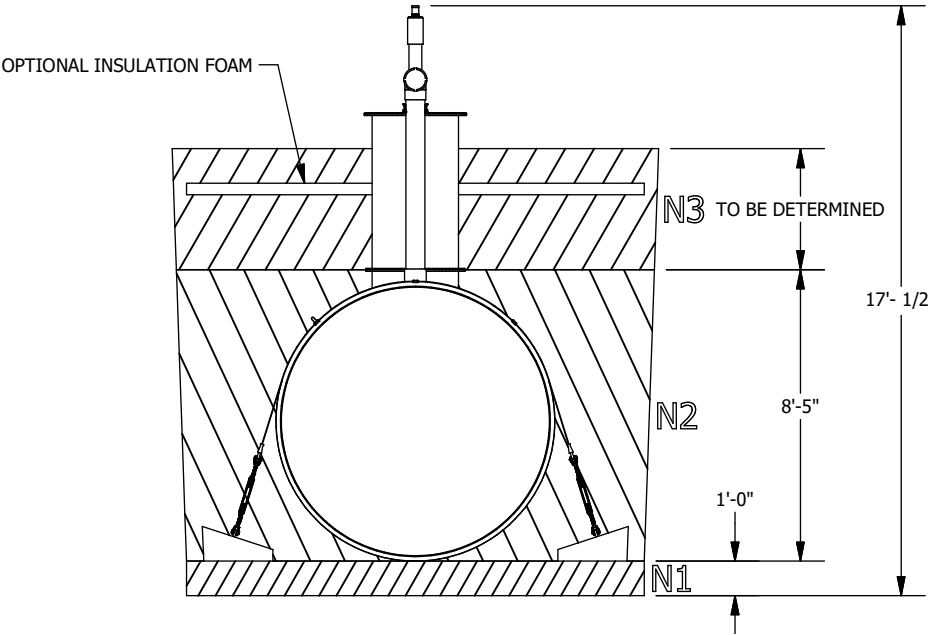


NOTES:
 - GENERIC DRAWING FOR REFERENCE ONLY
 - SHOP DRAWING AVAILABLE ON REQUEST

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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	15/01/2024	Format	Part no.	REV
0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG.				B	NN08460878FP	02.
0.00 -> ± 0.1 DEG.		Approved by :		Title		
Weight :				8' Dia. TANK - 23741 US gal		
8078 Lb						
Client	# Project	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	9	ANCHORING KIT	
4	EV480J	1	4" SCH. 80 VENT KIT WITH GAUGE AND SST BIRD SCREEN	
5	FPU0600401	1	6" F X 6" F - SCH.40 - COUPLING GRAY	
6	GMHE30-COVER01	1	30" DIA. FRP. - LOCKABLE MAN HOLE COVER WITH HINGE	
7	KB-BNH0600090	1	6"NH 90° - FIRE HYDRANT KIT	
8	MH-30 (6"L.)	1	30" DIA. x 6" L. - MANHOLE	
9	MHE-30 (54"L.)	1	30" DIA. x 54" L. - MANHOLE EXTENSION	
10	PFV01313	1	0.5" x 13.25" x 13.25" - ANTI-VORTEX PLATE	
11	TP80400G01 (4.25"L.)	1	4" SCH.80 GREY PVC PIPE	
12	TP80600G01 (85.453"L.)	1	6" 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



SECTION ELEVATION VIEW

Optional anchoring depending on the tank's environment

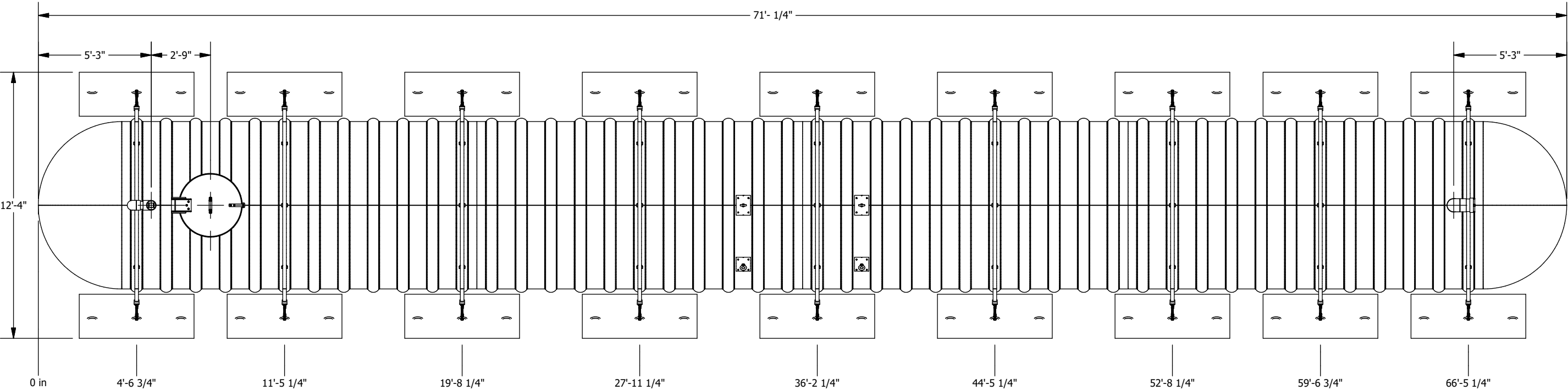
Technical informations

- Burrial depth: According to the geotechnical installation conditions
- Inside Diameter : 92.25
- (If required) Quantity of fiberglass anchoring straps : 9
- (If required) Quantity of reinforced concrete deadman anchors : 18
- 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 5psig

The tank must be installed in accordance with the manufacturer's instructions.

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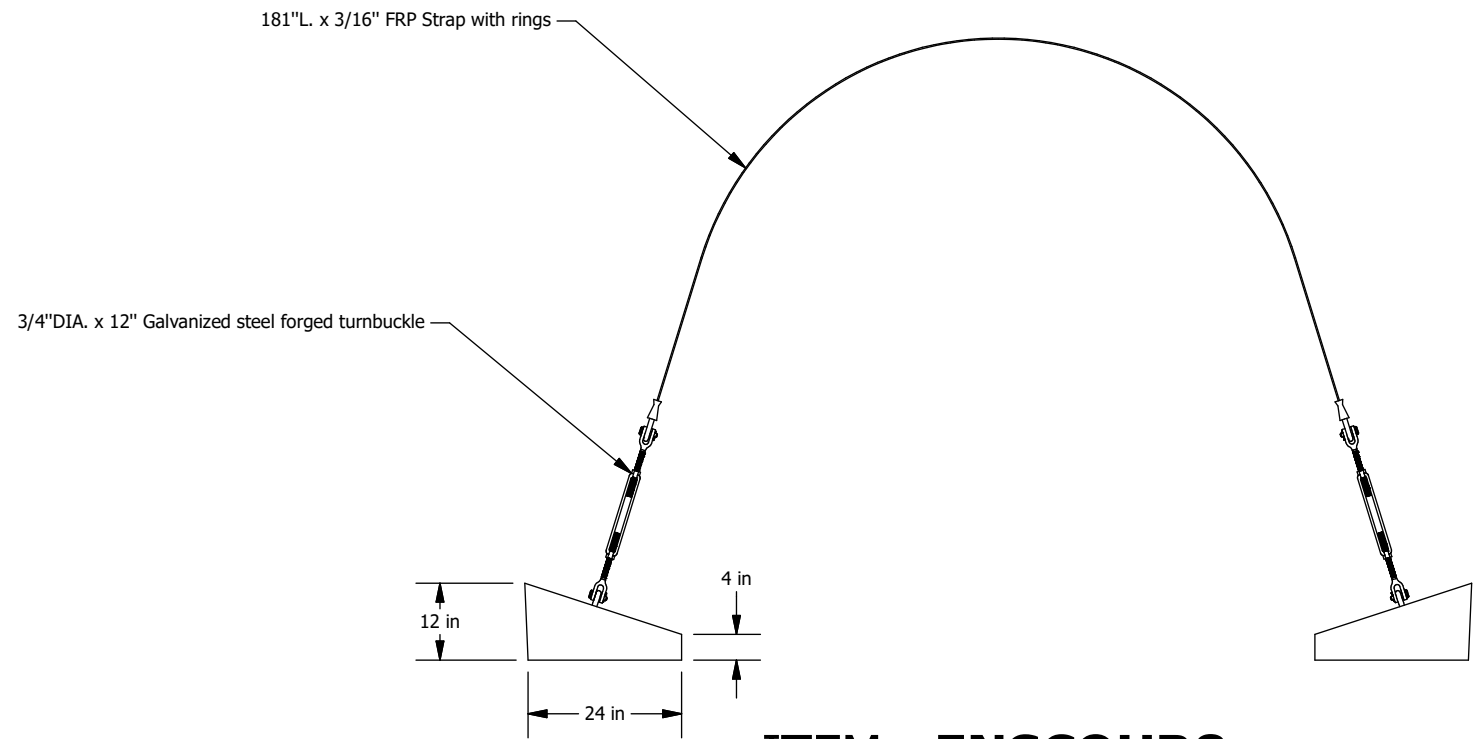
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TOLERANCES (LINEAR)		 GRANBY COMPOSITES		Revision description		
FEET DIM. -> ± 1% 0.0 -> ± 0.5"						
0.00 -> ± 0.25" 0.000 -> ± 0.125"				Format B	Part no. NN08460878FP	REV 02.
TOLERANCES (ANGULAR)		Drawn by O. Marin		15/01/2024		Title
0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG.						
Weight : 8078 Lb		Approved by :		8' Dia. TANK - 23741 US gal		
Client		# Project				
				Sheet 2 / 4		



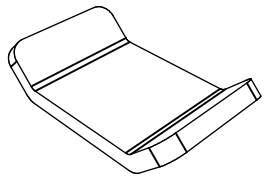
PLAN VIEW

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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		15/01/2024		Format	Part no.	REV	
0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG.							B	NN08460878FP	02	
Weight :			Approved by :		Title 8' Dia. TANK - 23741 US gal					
8078 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% 0.0 -> ± 0.5"								0.00 -> ± 0.25" 0.000 -> ± 0.125"									
TOLERANCES (ANGULAR)				Drawn by O. Marin				Format B				Part no. ENSCOUR8				REV A.	
0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG.								04/10/2018				Title ANCHORING KIT					
Weight :				Approved by :													
Client				# Project				Sheet 4 / 4									



CAPACITY CHART FOR NN08460878 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	628	12	1762	18	3195	24	4840	30	6637	36	8538	42	10503	48	12493	54	14472	60	16401
1/8	2	6 1/8	648	12 1/8	1789	18 1/8	3228	24 1/8	4876	30 1/8	6676	36 1/8	8579	42 1/8	10544	48 1/8	12535	54 1/8	14513	60 1/8	16441
1/4	6	6 1/4	668	12 1/4	1817	18 1/4	3260	24 1/4	4912	30 1/4	6714	36 1/4	8619	42 1/4	10586	48 1/4	12576	54 1/4	14553	60 1/4	16480
3/8	10	6 3/8	688	12 3/8	1844	18 3/8	3293	24 3/8	4949	30 3/8	6753	36 3/8	8660	42 3/8	10627	48 3/8	12618	54 3/8	14594	60 3/8	16519
1/2	16	6 1/2	708	12 1/2	1872	18 1/2	3325	24 1/2	4985	30 1/2	6792	36 1/2	8700	42 1/2	10668	48 1/2	12659	54 1/2	14635	60 1/2	16559
5/8	21	6 5/8	729	12 5/8	1899	18 5/8	3358	24 5/8	5021	30 5/8	6831	36 5/8	8741	42 5/8	10710	48 5/8	12700	54 5/8	14676	60 5/8	16598
3/4	28	6 3/4	749	12 3/4	1927	18 3/4	3391	24 3/4	5058	30 3/4	6870	36 3/4	8781	42 3/4	10751	48 3/4	12742	54 3/4	14716	60 3/4	16637
7/8	35	6 7/8	770	12 7/8	1955	18 7/8	3424	24 7/8	5094	30 7/8	6909	36 7/8	8822	42 7/8	10793	48 7/8	12783	54 7/8	14757	60 7/8	16676
1	43	7	791	13	1983	19	3457	25	5131	31	6948	37	8862	43	10834	49	12825	55	14798	61	16716
1 1/8	51	7 1/8	812	13 1/8	2011	19 1/8	3490	25 1/8	5167	31 1/8	6987	37 1/8	8903	43 1/8	10875	49 1/8	12866	55 1/8	14838	61 1/8	16755
1 1/4	60	7 1/4	834	13 1/4	2040	19 1/4	3523	25 1/4	5204	31 1/4	7026	37 1/4	8944	43 1/4	10917	49 1/4	12907	55 1/4	14879	61 1/4	16794
1 3/8	69	7 3/8	855	13 3/8	2068	19 3/8	3556	25 3/8	5240	31 3/8	7065	37 3/8	8984	43 3/8	10958	49 3/8	12949	55 3/8	14920	61 3/8	16833
1 1/2	79	7 1/2	877	13 1/2	2097	19 1/2	3589	25 1/2	5277	31 1/2	7104	37 1/2	9025	43 1/2	11000	49 1/2	12990	55 1/2	14960	61 1/2	16872
1 5/8	89	7 5/8	899	13 5/8	2125	19 5/8	3623	25 5/8	5314	31 5/8	7143	37 5/8	9066	43 5/8	11041	49 5/8	13032	55 5/8	15001	61 5/8	16911
1 3/4	99	7 3/4	921	13 3/4	2154	19 3/4	3656	25 3/4	5351	31 3/4	7183	37 3/4	9107	43 3/4	11083	49 3/4	13073	55 3/4	15041	61 3/4	16949
1 7/8	110	7 7/8	943	13 7/8	2183	19 7/8	3690	25 7/8	5388	31 7/8	7222	37 7/8	9147	43 7/8	11124	49 7/8	13114	55 7/8	15082	61 7/8	16988
2	121	8	965	14	2212	20	3724	26	5425	32	7261	38	9188	44	11165	50	13156	56	15122	62	17027
2 1/8	133	8 1/8	988	14 1/8	2241	20 1/8	3757	26 1/8	5462	32 1/8	7301	38 1/8	9229	44 1/8	11207	50 1/8	13197	56 1/8	15163	62 1/8	17066
2 1/4	145	8 1/4	1011	14 1/4	2270	20 1/4	3791	26 1/4	5499	32 1/4	7340	38 1/4	9270	44 1/4	11248	50 1/4	13238	56 1/4	15203	62 1/4	17104
2 3/8	157	8 3/8	1033	14 3/8	2300	20 3/8	3825	26 3/8	5536	32 3/8	7380	38 3/8	9311	44 3/8	11290	50 3/8	13280	56 3/8	15244	62 3/8	17143
2 1/2	169	8 1/2	1056	14 1/2	2329	20 1/2	3859	26 1/2	5573	32 1/2	7419	38 1/2	9351	44 1/2	11331	50 1/2	13321	56 1/2	15284	62 1/2	17182
2 5/8	182	8 5/8	1080	14 5/8	2359	20 5/8	3893	26 5/8	5611	32 5/8	7459	38 5/8	9392	44 5/8	11373	50 5/8	13362	56 5/8	15324	62 5/8	17220
2 3/4	195	8 3/4	1103	14 3/4	2388	20 3/4	3927	26 3/4	5648	32 3/4	7498	38 3/4	9433	44 3/4	11414	50 3/4	13404	56 3/4	15365	62 3/4	17259
2 7/8	209	8 7/8	1127	14 7/8	2418	20 7/8	3961	26 7/8	5685	32 7/8	7538	38 7/8	9474	44 7/8	11456	50 7/8	13445	56 7/8	15405	62 7/8	17297
3	223	9	1150	15	2448	21	3996	27	5723	33	7577	39	9515	45	11497	51	13486	57	15445	63	17336
3 1/8	237	9 1/8	1174	15 1/8	2478	21 1/8	4030	27 1/8	5760	33 1/8	7617	39 1/8	9556	45 1/8	11539	51 1/8	13527	57 1/8	15485	63 1/8	17374
3 1/4	251	9 1/4	1198	15 1/4	2508	21 1/4	4064	27 1/4	5798	33 1/4	7657	39 1/4	9597	45 1/4	11580	51 1/4	13569	57 1/4	15525	63 1/4	17412
3 3/8	265	9 3/8	1222	15 3/8	2538	21 3/8	4099	27 3/8	5835	33 3/8	7696	39 3/8	9638	45 3/8	11622	51 3/8	13610	57 3/8	15566	63 3/8	17451
3 1/2	280	9 1/2	1247	15 1/2	2568	21 1/2	4133	27 1/2	5873	33 1/2	7736	39 1/2	9679	45 1/2	11663	51 1/2	13651	57 1/2	15606	63 1/2	17489
3 5/8	295	9 5/8	1271	15 5/8	2599	21 5/8	4168	27 5/8	5911	33 5/8	7776	39 5/8	9720	45 5/8	11705	51 5/8	13692	57 5/8	15646	63 5/8	17527
3 3/4	311	9 3/4	1296	15 3/4	2629	21 3/4	4203	27 3/4	5949	33 3/4	7816	39 3/4	9761	45 3/4	11746	51 3/4	13733	57 3/4	15686	63 3/4	17565
3 7/8	327	9 7/8	1320	15 7/8	2660	21 7/8	4238	27 7/8	5986	33 7/8	7856	39 7/8	9802	45 7/8	11788	51 7/8	13775	57 7/8	15726	63 7/8	17603
4	342	10	1345	16	2691	22	4273	28	6024	34	7896	40	9843	46	11829	52	13816	58	15766	64	17641
4 1/8	359	10 1/8	1370	16 1/8	2722	22 1/8	4307	28 1/8	6062	34 1/8	7936	40 1/8	9885	46 1/8	11871	52 1/8	13857	58 1/8	15806	64 1/8	17679
4 1/4	375	10 1/4	1395	16 1/4	2752	22 1/4	4343	28 1/4	6100	34 1/4	7976	40 1/4	9926	46 1/4	11912	52 1/4	13898	58 1/4	15846	64 1/4	17717
4 3/8	392	10 3/8	1421	16 3/8	2783	22 3/8	4378	28 3/8	6138	34 3/8	8016	40 3/8	9967	46 3/8	11954	52 3/8	13939	58 3/8	15886	64 3/8	17755
4 1/2	409	10 1/2	1446	16 1/2	2815	22 1/2	4413	28 1/2	6176	34 1/2	8056	40 1/2	10008	46 1/2	11995	52 1/2	13980	58 1/2	15926	64 1/2	17793
4 5/8	426	10 5/8	1472	16 5/8	2846	22 5/8	4448	28 5/8	6214	34 5/8	8096	40 5/8	10049	46 5/8	12037	52 5/8	14021	58 5/8	15965	64 5/8	17831
4 3/4	443	10 3/4	1497	16 3/4	2877	22 3/4	4483	28 3/4	6253	34 3/4	8136	40 3/4	10090	46 3/4	12078	52 3/4	14062	58 3/4	16005	64 3/4	17868
4 7/8	461	10 7/8	1523	16 7/8	2909	22 7/8	4519	28 7/8	6291	34 7/8	8176	40 7/8	10132	46 7/8	12120	52 7/8	14103	58 7/8	16045	64 7/8	17906
5	478	11	1549	17	2940	23	4554	29	6329	35	8216	41	10173	47	12161	53	14144	59	16085	65	17944
5 1/8	496	11 1/8	1575	17 1/8	2972	23 1/8	4590	29 1/8	6367	35 1/8	8256	41 1/8	10214	47 1/8	12203	53 1/8	14185	59 1/8	16125	65 1/8	17981
5 1/4	515	11 1/4	1602	17 1/4	3003	23 1/4	4625	29 1/4	6406	35 1/4	8296	41 1/4	10255	47 1/4	12244	53 1/4	14226	59 1/4	16164	65 1/4	18019
5 3/8	533	11 3/8	1628	17 3/8	3035	23 3/8	4661	29 3/8	6444	35 3/8	8337	41 3/8	10297	47 3/8	12286	53 3/8	14267	59 3/8	16204	65 3/8	18056
5 1/2	552	11 1/2	1655	17 1/2	3067	23 1/2	4697	29 1/2	6483	35 1/2	8377	41 1/2	10338	47 1/2	12327	53 1/2	14308	59 1/2	16243	65 1/2	18093
5 5/8	571	11 5/8	1681	17 5/8	3099	23 5/8	4732	29 5/8	6521	35 5/8	8417	41 5/8	10379	47 5/8	12369	53 5/8	14349	59 5/8	16283	65 5/8	18131
5 3/4	590	11 3/4	1708	17 3/4	3131	23 3/4	4768	29 3/4	6560	35 3/4	8458	41 3/4	10420	47 3/4	12410	53 3/4	14390	59 3/4	16322	65 3/4	18168
5 7/8	609	11 7/8	1735	17 7/8	3163	23 7/8	4804	29 7/8	6598	35 7/8	8498	41 7/8	10462	47 7/8	12452	53 7/8	14431	59 7/8	16362	65 7/8	18205

** PRECISION IS ABOUT +/- 1%



CAPACITY CHART FOR NN08460878 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	18242	69	19116	72	19950	75	20738	78	21471	81	22140	84	22731	87	23227	90	23597				
66 1/8	18280	69 1/8	19152	72 1/8	19984	75 1/8	20770	78 1/8	21500	81 1/8	22166	84 1/8	22754	87 1/8	23245	90 1/8	23609				
66 1/4	18317	69 1/4	19187	72 1/4	20018	75 1/4	20801	78 1/4	21530	81 1/4	22192	84 1/4	22776	87 1/4	23263	90 1/4	23620				
66 3/8	18354	69 3/8	19223	72 3/8	20052	75 3/8	20833	78 3/8	21559	81 3/8	22218	84 3/8	22799	87 3/8	23281	90 3/8	23631				
66 1/2	18391	69 1/2	19258	72 1/2	20085	75 1/2	20864	78 1/2	21587	81 1/2	22244	84 1/2	22821	87 1/2	23298	90 1/2	23642				
66 5/8	18427	69 5/8	19293	72 5/8	20119	75 5/8	20896	78 5/8	21616	81 5/8	22270	84 5/8	22843	87 5/8	23316	90 5/8	23653				
66 3/4	18464	69 3/4	19329	72 3/4	20152	75 3/4	20927	78 3/4	21645	81 3/4	22295	84 3/4	22865	87 3/4	23333	90 3/4	23663				
66 7/8	18501	69 7/8	19364	72 7/8	20185	75 7/8	20958	78 7/8	21673	81 7/8	22321	84 7/8	22886	87 7/8	23350	90 7/8	23672				
67	18538	70	19399	73	20219	76	20989	79	21702	82	22346	85	22908	88	23366	91	23681				
67 1/8	18574	70 1/8	19434	73 1/8	20252	76 1/8	21020	79 1/8	21730	82 1/8	22371	85 1/8	22929	88 1/8	23383	91 1/8	23690				
67 1/4	18611	70 1/4	19469	73 1/4	20285	76 1/4	21051	79 1/4	21758	82 1/4	22396	85 1/4	22950	88 1/4	23399	91 1/4	23698				
67 3/8	18647	70 3/8	19504	73 3/8	20318	76 3/8	21081	79 3/8	21786	82 3/8	22421	85 3/8	22971	88 3/8	23415	91 3/8	23706				
67 1/2	18684	70 1/2	19539	73 1/2	20351	76 1/2	21112	79 1/2	21814	82 1/2	22446	85 1/2	22992	88 1/2	23431	91 1/2	23713				
67 5/8	18720	70 5/8	19573	73 5/8	20383	76 5/8	21143	79 5/8	21842	82 5/8	22471	85 5/8	23013	88 5/8	23446	91 5/8	23720				
67 3/4	18757	70 3/4	19608	73 3/4	20416	76 3/4	21173	79 3/4	21870	82 3/4	22495	85 3/4	23033	88 3/4	23461	91 3/4	23726				
67 7/8	18793	70 7/8	19643	73 7/8	20449	76 7/8	21203	79 7/8	21897	82 7/8	22519	85 7/8	23054	88 7/8	23476	91 7/8	23731				
68	18829	71	19677	74	20481	77	21234	80	21925	83	22543	86	23074	89	23491	92	23736				
68 1/8	18865	71 1/8	19712	74 1/8	20514	77 1/8	21264	80 1/8	21952	83 1/8	22567	86 1/8	23093	89 1/8	23505	92 1/8	23739				
68 1/4	18901	71 1/4	19746	74 1/4	20546	77 1/4	21294	80 1/4	21979	83 1/4	22591	86 1/4	23113	89 1/4	23519	92 1/4	23741				
68 3/8	18937	71 3/8	19780	74 3/8	20578	77 3/8	21323	80 3/8	22006	83 3/8	22615	86 3/8	23133	89 3/8	23533	92 3/8	23741				
68 1/2	18973	71 1/2	19814	74 1/2	20610	77 1/2	21353	80 1/2	22033	83 1/2	22638	86 1/2	23152	89 1/2	23546						
68 5/8	19009	71 5/8	19849	74 5/8	20642	77 5/8	21383	80 5/8	22060	83 5/8	22662	86 5/8	23171	89 5/8	23559						
68 3/4	19045	71 3/4	19883	74 3/4	20674	77 3/4	21412	80 3/4	22087	83 3/4	22685	86 3/4	23190	89 3/4	23572						
68 7/8	19080	71 7/8	19917	74 7/8	20706	77 7/8	21442	80 7/8	22113	83 7/8	22708	86 7/8	23208	89 7/8	23585						

** PRECISION IS ABOUT +/- 1%