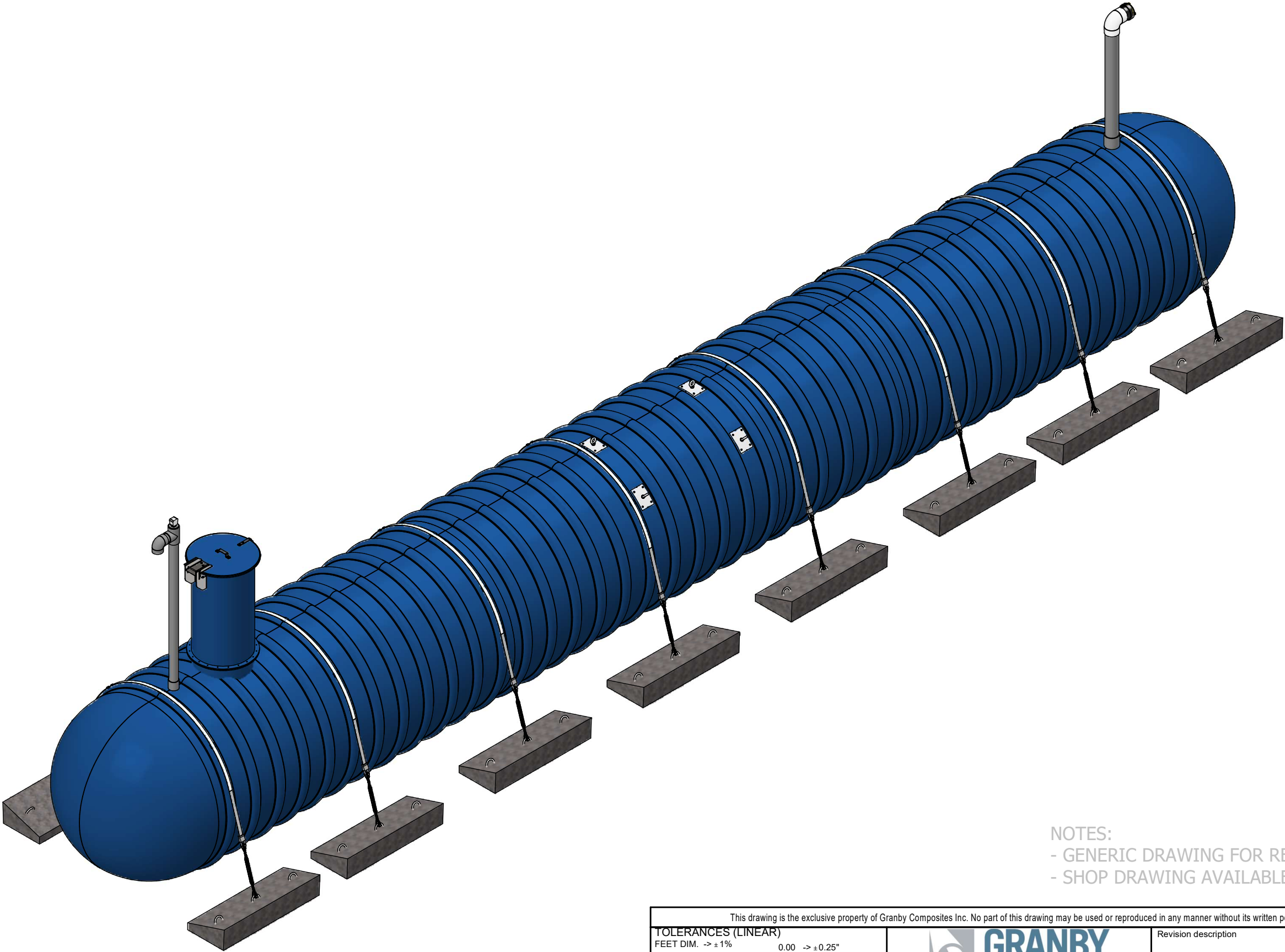


NN08400771FP

FIBERGLASS TANK
 TOTAL CAPACITY : 20876 US gal
 NET CAPACITY : 20328 US gal

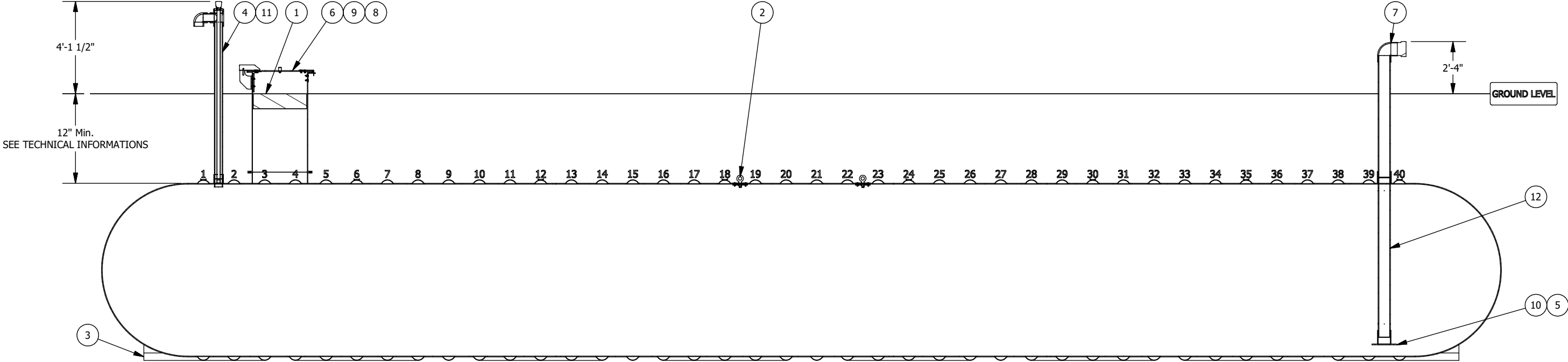
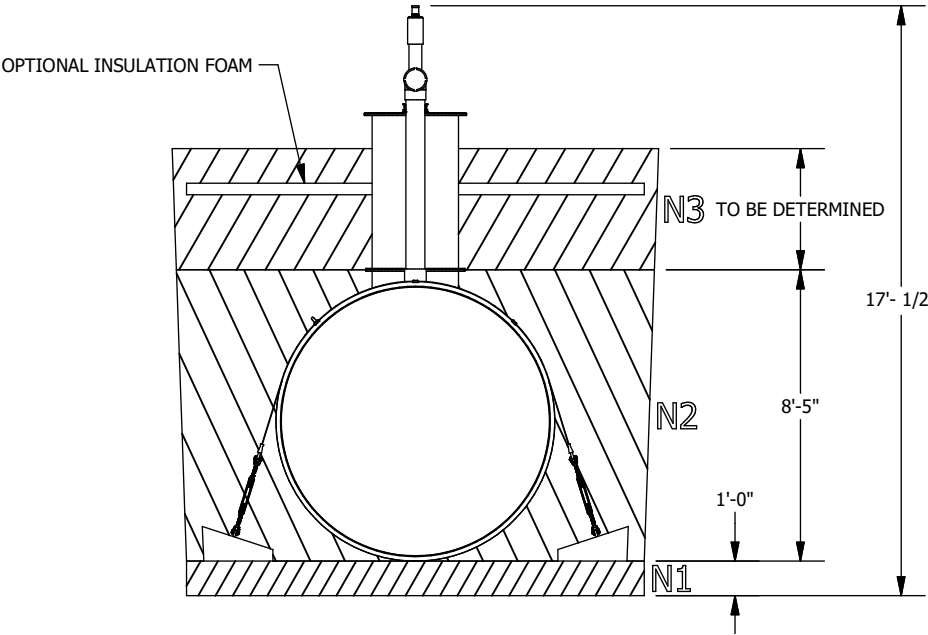


NOTES:
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 - SHOP DRAWING AVAILABLE ON REQUEST

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TOLERANCES (LINEAR)		 GRANBY COMPOSITES	Revision description		
FEET DIM. -> ± 1% 0.0 -> ± 0.5"			Format B	Part no. NN08400771FP	REV 02.
0.00 -> ± 0.25" 0.000 -> ± 0.125"					
TOLERANCES (ANGULAR)		Drawn by O. Marin	15/01/2024	Title 8' Dia. TANK - 20876 US gal	
0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG.					
Weight : 7174 Lb		Approved by :			
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	8	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

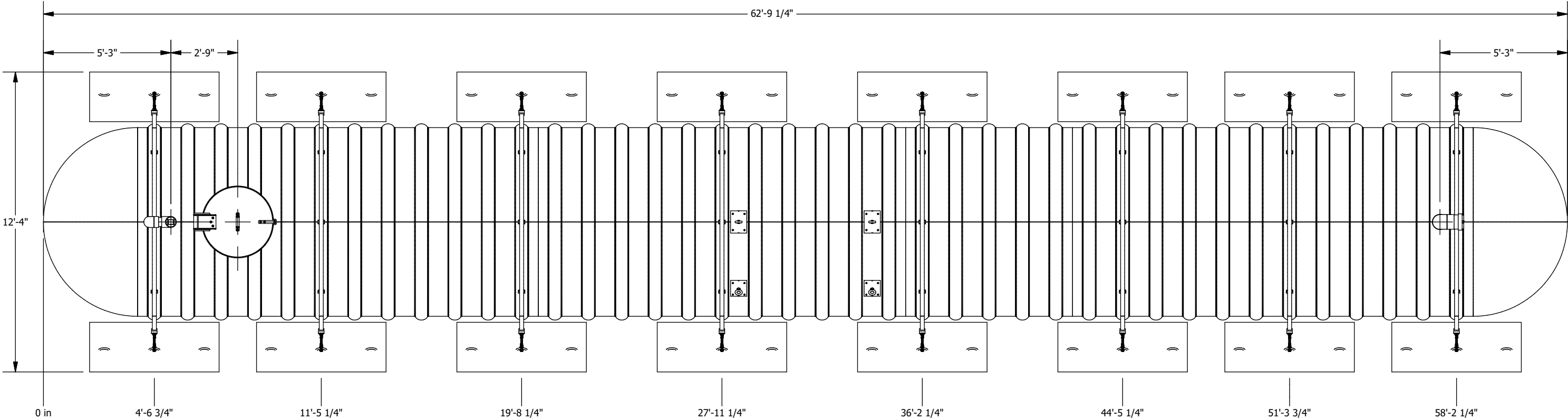
Technical informations

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

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

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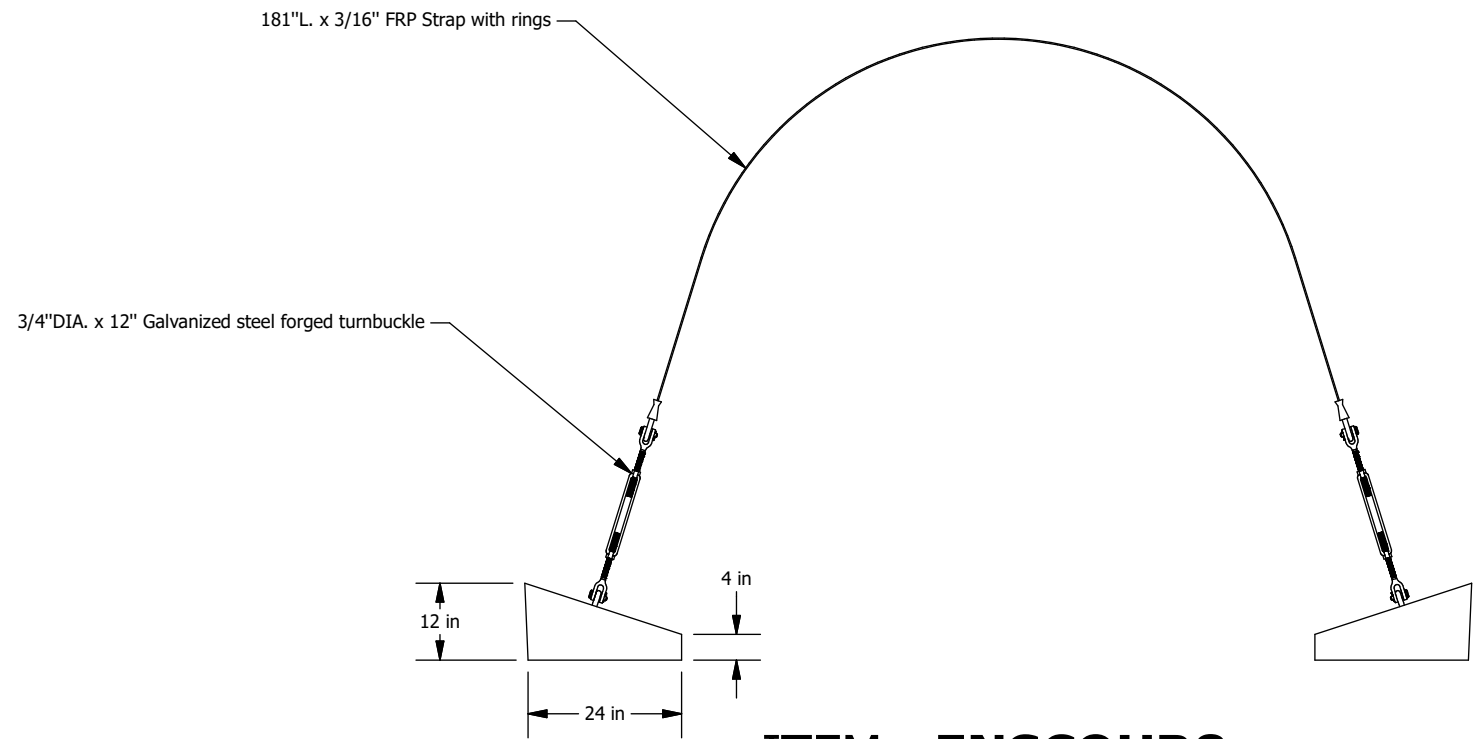
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TOLERANCES (LINEAR) FEET DIM. -> ± 1% 0.0 -> ± 0.5"		GRANBY COMPOSITES		Revision description
TOLERANCES (ANGULAR) 0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG. Weight : 7174 Lb		Drawn by O. Marin	15/01/2024	Format B Part no. NN08400771FP REV 02.
Client		# Project		Title 8' Dia. TANK - 20876 US gal
		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				Format B	Part no. NN08400771FP		REV 02
0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG.							15/01/2024			
Weight :			Approved by :				Title 8' Dia. TANK - 20876 US gal			
7174 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.								0.00 -> ± 0.1 DEG.											
Weight :				Approved by :										Title					
														ANCHORING KIT					
Client				# Project				Sheet 4 / 4											



CAPACITY CHART FOR NN08400771 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	549	12	1543	18	2802	24	4248	30	5829	36	7503	42	9234	48	10987	54	12730	60	14429
1/8	2	6 1/8	566	12 1/8	1567	18 1/8	2830	24 1/8	4280	30 1/8	5863	36 1/8	7539	42 1/8	9270	48 1/8	11023	54 1/8	12766	60 1/8	14464
1/4	5	6 1/4	584	12 1/4	1591	18 1/4	2859	24 1/4	4311	30 1/4	5897	36 1/4	7574	42 1/4	9307	48 1/4	11060	54 1/4	12802	60 1/4	14498
3/8	9	6 3/8	601	12 3/8	1615	18 3/8	2887	24 3/8	4343	30 3/8	5931	36 3/8	7610	42 3/8	9343	48 3/8	11096	54 3/8	12837	60 3/8	14533
1/2	14	6 1/2	619	12 1/2	1639	18 1/2	2916	24 1/2	4375	30 1/2	5966	36 1/2	7646	42 1/2	9379	48 1/2	11133	54 1/2	12873	60 1/2	14568
5/8	19	6 5/8	637	12 5/8	1664	18 5/8	2945	24 5/8	4407	30 5/8	6000	36 5/8	7681	42 5/8	9416	48 5/8	11169	54 5/8	12909	60 5/8	14602
3/4	25	6 3/4	655	12 3/4	1688	18 3/4	2974	24 3/4	4439	30 3/4	6034	36 3/4	7717	42 3/4	9452	48 3/4	11206	54 3/4	12945	60 3/4	14637
7/8	31	6 7/8	673	12 7/8	1713	18 7/8	3002	24 7/8	4471	30 7/8	6068	36 7/8	7753	42 7/8	9489	48 7/8	11242	54 7/8	12981	60 7/8	14671
1	38	7	692	13	1737	19	3031	25	4503	31	6103	37	7789	43	9525	49	11279	55	13017	61	14706
1 1/8	45	7 1/8	710	13 1/8	1762	19 1/8	3060	25 1/8	4536	31 1/8	6137	37 1/8	7824	43 1/8	9562	49 1/8	11315	55 1/8	13053	61 1/8	14740
1 1/4	52	7 1/4	729	13 1/4	1787	19 1/4	3090	25 1/4	4568	31 1/4	6171	37 1/4	7860	43 1/4	9598	49 1/4	11352	55 1/4	13088	61 1/4	14774
1 3/8	60	7 3/8	748	13 3/8	1812	19 3/8	3119	25 3/8	4600	31 3/8	6206	37 3/8	7896	43 3/8	9635	49 3/8	11388	55 3/8	13124	61 3/8	14809
1 1/2	69	7 1/2	767	13 1/2	1837	19 1/2	3148	25 1/2	4632	31 1/2	6240	37 1/2	7932	43 1/2	9671	49 1/2	11425	55 1/2	13160	61 1/2	14843
1 5/8	78	7 5/8	786	13 5/8	1862	19 5/8	3177	25 5/8	4665	31 5/8	6275	37 5/8	7968	43 5/8	9708	49 5/8	11461	55 5/8	13196	61 5/8	14877
1 3/4	87	7 3/4	805	13 3/4	1887	19 3/4	3207	25 3/4	4697	31 3/4	6309	37 3/4	8004	43 3/4	9744	49 3/4	11498	55 3/4	13231	61 3/4	14911
1 7/8	96	7 7/8	825	13 7/8	1912	19 7/8	3236	25 7/8	4730	31 7/8	6344	37 7/8	8040	43 7/8	9781	49 7/8	11534	55 7/8	13267	61 7/8	14946
2	106	8	844	14	1938	20	3266	26	4762	32	6379	38	8075	44	9817	50	11570	56	13303	62	14980
2 1/8	116	8 1/8	864	14 1/8	1963	20 1/8	3296	26 1/8	4795	32 1/8	6413	38 1/8	8111	44 1/8	9854	50 1/8	11607	56 1/8	13338	62 1/8	15014
2 1/4	126	8 1/4	884	14 1/4	1989	20 1/4	3325	26 1/4	4827	32 1/4	6448	38 1/4	8147	44 1/4	9890	50 1/4	11643	56 1/4	13374	62 1/4	15048
2 3/8	137	8 3/8	904	14 3/8	2015	20 3/8	3355	26 3/8	4860	32 3/8	6483	38 3/8	8183	44 3/8	9927	50 3/8	11680	56 3/8	13409	62 3/8	15082
2 1/2	148	8 1/2	924	14 1/2	2041	20 1/2	3385	26 1/2	4893	32 1/2	6518	38 1/2	8219	44 1/2	9963	50 1/2	11716	56 1/2	13445	62 1/2	15116
2 5/8	159	8 5/8	945	14 5/8	2067	20 5/8	3415	26 5/8	4926	32 5/8	6552	38 5/8	8255	44 5/8	10000	50 5/8	11752	56 5/8	13480	62 5/8	15150
2 3/4	171	8 3/4	965	14 3/4	2093	20 3/4	3445	26 3/4	4959	32 3/4	6587	38 3/4	8291	44 3/4	10036	50 3/4	11789	56 3/4	13516	62 3/4	15184
2 7/8	182	8 7/8	986	14 7/8	2119	20 7/8	3475	26 7/8	4991	32 7/8	6622	38 7/8	8327	44 7/8	10073	50 7/8	11825	56 7/8	13551	62 7/8	15218
3	194	9	1006	15	2145	21	3505	27	5024	33	6657	39	8364	45	10109	51	11862	57	13587	63	15251
3 1/8	207	9 1/8	1027	15 1/8	2171	21 1/8	3535	27 1/8	5057	33 1/8	6692	39 1/8	8400	45 1/8	10146	51 1/8	11898	57 1/8	13622	63 1/8	15285
3 1/4	219	9 1/4	1048	15 1/4	2198	21 1/4	3566	27 1/4	5090	33 1/4	6727	39 1/4	8436	45 1/4	10183	51 1/4	11934	57 1/4	13658	63 1/4	15319
3 3/8	232	9 3/8	1070	15 3/8	2224	21 3/8	3596	27 3/8	5124	33 3/8	6762	39 3/8	8472	45 3/8	10219	51 3/8	11970	57 3/8	13693	63 3/8	15353
3 1/2	245	9 1/2	1091	15 1/2	2251	21 1/2	3626	27 1/2	5157	33 1/2	6797	39 1/2	8508	45 1/2	10256	51 1/2	12007	57 1/2	13728	63 1/2	15386
3 5/8	258	9 5/8	1112	15 5/8	2278	21 5/8	3657	27 5/8	5190	33 5/8	6832	39 5/8	8544	45 5/8	10292	51 5/8	12043	57 5/8	13764	63 5/8	15420
3 3/4	272	9 3/4	1134	15 3/4	2304	21 3/4	3687	27 3/4	5223	33 3/4	6867	39 3/4	8580	45 3/4	10329	51 3/4	12079	57 3/4	13799	63 3/4	15453
3 7/8	285	9 7/8	1156	15 7/8	2331	21 7/8	3718	27 7/8	5256	33 7/8	6902	39 7/8	8616	45 7/8	10365	51 7/8	12116	57 7/8	13834	63 7/8	15487
4	299	10	1177	16	2358	22	3749	28	5290	34	6937	40	8653	46	10402	52	12152	58	13869	64	15520
4 1/8	313	10 1/8	1199	16 1/8	2385	22 1/8	3779	28 1/8	5323	34 1/8	6972	40 1/8	8689	46 1/8	10438	52 1/8	12188	58 1/8	13905	64 1/8	15554
4 1/4	328	10 1/4	1221	16 1/4	2413	22 1/4	3810	28 1/4	5357	34 1/4	7008	40 1/4	8725	46 1/4	10475	52 1/4	12224	58 1/4	13940	64 1/4	15587
4 3/8	342	10 3/8	1244	16 3/8	2440	22 3/8	3841	28 3/8	5390	34 3/8	7043	40 3/8	8761	46 3/8	10512	52 3/8	12260	58 3/8	13975	64 3/8	15621
4 1/2	357	10 1/2	1266	16 1/2	2467	22 1/2	3872	28 1/2	5424	34 1/2	7078	40 1/2	8798	46 1/2	10548	52 1/2	12297	58 1/2	14010	64 1/2	15654
4 5/8	372	10 5/8	1288	16 5/8	2495	22 5/8	3903	28 5/8	5457	34 5/8	7113	40 5/8	8834	46 5/8	10585	52 5/8	12333	58 5/8	14045	64 5/8	15687
4 3/4	387	10 3/4	1311	16 3/4	2522	22 3/4	3934	28 3/4	5491	34 3/4	7149	40 3/4	8870	46 3/4	10621	52 3/4	12369	58 3/4	14080	64 3/4	15720
4 7/8	402	10 7/8	1334	16 7/8	2550	22 7/8	3965	28 7/8	5524	34 7/8	7184	40 7/8	8906	46 7/8	10658	52 7/8	12405	58 7/8	14115	64 7/8	15753
5	418	11	1356	17	2577	23	3996	29	5558	35	7219	41	8943	47	10694	53	12441	59	14150	65	15786
5 1/8	434	11 1/8	1379	17 1/8	2605	23 1/8	4028	29 1/8	5592	35 1/8	7255	41 1/8	8979	47 1/8	10731	53 1/8	12477	59 1/8	14185	65 1/8	15820
5 1/4	450	11 1/4	1402	17 1/4	2633	23 1/4	4059	29 1/4	5626	35 1/4	7290	41 1/4	9015	47 1/4	10768	53 1/4	12513	59 1/4	14220	65 1/4	15853
5 3/8	466	11 3/8	1426	17 3/8	2661	23 3/8	4090	29 3/8	5659	35 3/8	7326	41 3/8	9052	47 3/8	10804	53 3/8	12550	59 3/8	14255	65 3/8	15885
5 1/2	482	11 1/2	1449	17 1/2	2689	23 1/2	4122	29 1/2	5693	35 1/2	7361	41 1/2	9088	47 1/2	10841	53 1/2	12586	59 1/2	14290	65 1/2	15918
5 5/8	499	11 5/8	1472	17 5/8	2717	23 5/8	4153	29 5/8	5727	35 5/8	7397	41 5/8	9125	47 5/8	10877	53 5/8	12622	59 5/8	14325	65 5/8	15951
5 3/4	515	11 3/4	1496	17 3/4	2745	23 3/4	4185	29 3/4	5761	35 3/4	7432	41 3/4	9161	47 3/4	10914	53 3/4	12658	59 3/4	14359	65 3/4	15984
5 7/8	532	11 7/8	1519	17 7/8	2773	23 7/8	4216	29 7/8	5795	35 7/8	7468	41 7/8	9197	47 7/8	10950	53 7/8	12694	59 7/8	14394	65 7/8	16017

** PRECISION IS ABOUT +/- 1%



CAPACITY CHART FOR NN08400771 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	16050	69	16818	72	17552	75	18244	78	18888	81	19475	84	19993	87	20427	90	20751				
66 1/8	16082	69 1/8	16849	72 1/8	17581	75 1/8	18272	78 1/8	18914	81 1/8	19498	84 1/8	20013	87 1/8	20443	90 1/8	20761				
66 1/4	16115	69 1/4	16881	72 1/4	17611	75 1/4	18300	78 1/4	18939	81 1/4	19521	84 1/4	20033	87 1/4	20459	90 1/4	20771				
66 3/8	16147	69 3/8	16912	72 3/8	17641	75 3/8	18327	78 3/8	18965	81 3/8	19543	84 3/8	20052	87 3/8	20475	90 3/8	20781				
66 1/2	16180	69 1/2	16943	72 1/2	17670	75 1/2	18355	78 1/2	18990	81 1/2	19566	84 1/2	20072	87 1/2	20490	90 1/2	20790				
66 5/8	16212	69 5/8	16974	72 5/8	17700	75 5/8	18382	78 5/8	19015	81 5/8	19589	84 5/8	20091	87 5/8	20505	90 5/8	20799				
66 3/4	16245	69 3/4	17005	72 3/4	17729	75 3/4	18410	78 3/4	19040	81 3/4	19611	84 3/4	20110	87 3/4	20520	90 3/4	20808				
66 7/8	16277	69 7/8	17036	72 7/8	17758	75 7/8	18437	78 7/8	19065	81 7/8	19633	84 7/8	20129	87 7/8	20535	90 7/8	20817				
67	16309	70	17067	73	17787	76	18464	79	19090	82	19656	85	20148	88	20549	91	20825				
67 1/8	16341	70 1/8	17098	73 1/8	17817	76 1/8	18492	79 1/8	19115	82 1/8	19678	85 1/8	20167	88 1/8	20564	91 1/8	20832				
67 1/4	16374	70 1/4	17128	73 1/4	17846	76 1/4	18519	79 1/4	19140	82 1/4	19700	85 1/4	20185	88 1/4	20578	91 1/4	20839				
67 3/8	16406	70 3/8	17159	73 3/8	17875	76 3/8	18546	79 3/8	19164	82 3/8	19721	85 3/8	20204	88 3/8	20592	91 3/8	20846				
67 1/2	16438	70 1/2	17190	73 1/2	17903	76 1/2	18573	79 1/2	19189	82 1/2	19743	85 1/2	20222	88 1/2	20605	91 1/2	20852				
67 5/8	16470	70 5/8	17220	73 5/8	17932	76 5/8	18599	79 5/8	19213	82 5/8	19765	85 5/8	20240	88 5/8	20619	91 5/8	20858				
67 3/4	16502	70 3/4	17251	73 3/4	17961	76 3/4	18626	79 3/4	19238	82 3/4	19786	85 3/4	20258	88 3/4	20632	91 3/4	20863				
67 7/8	16534	70 7/8	17281	73 7/8	17990	76 7/8	18653	79 7/8	19262	82 7/8	19807	85 7/8	20276	88 7/8	20645	91 7/8	20868				
68	16566	71	17311	74	18018	77	18679	80	19286	83	19829	86	20293	89	20658	92	20872				
68 1/8	16597	71 1/8	17342	74 1/8	18047	77 1/8	18706	80 1/8	19310	83 1/8	19850	86 1/8	20311	89 1/8	20670	92 1/8	20875				
68 1/4	16629	71 1/4	17372	74 1/4	18075	77 1/4	18732	80 1/4	19334	83 1/4	19871	86 1/4	20328	89 1/4	20683	92 1/4	20876				
68 3/8	16661	71 3/8	17402	74 3/8	18104	77 3/8	18758	80 3/8	19358	83 3/8	19891	86 3/8	20345	89 3/8	20695	92 3/8	20876				
68 1/2	16692	71 1/2	17432	74 1/2	18132	77 1/2	18784	80 1/2	19381	83 1/2	19912	86 1/2	20362	89 1/2	20706						
68 5/8	16724	71 5/8	17462	74 5/8	18160	77 5/8	18810	80 5/8	19405	83 5/8	19932	86 5/8	20378	89 5/8	20718						
68 3/4	16755	71 3/4	17492	74 3/4	18188	77 3/4	18836	80 3/4	19428	83 3/4	19953	86 3/4	20395	89 3/4	20729						
68 7/8	16787	71 7/8	17522	74 7/8	18216	77 7/8	18862	80 7/8	19451	83 7/8	19973	86 7/8	20411	89 7/8	20740						

** PRECISION IS ABOUT +/- 1%