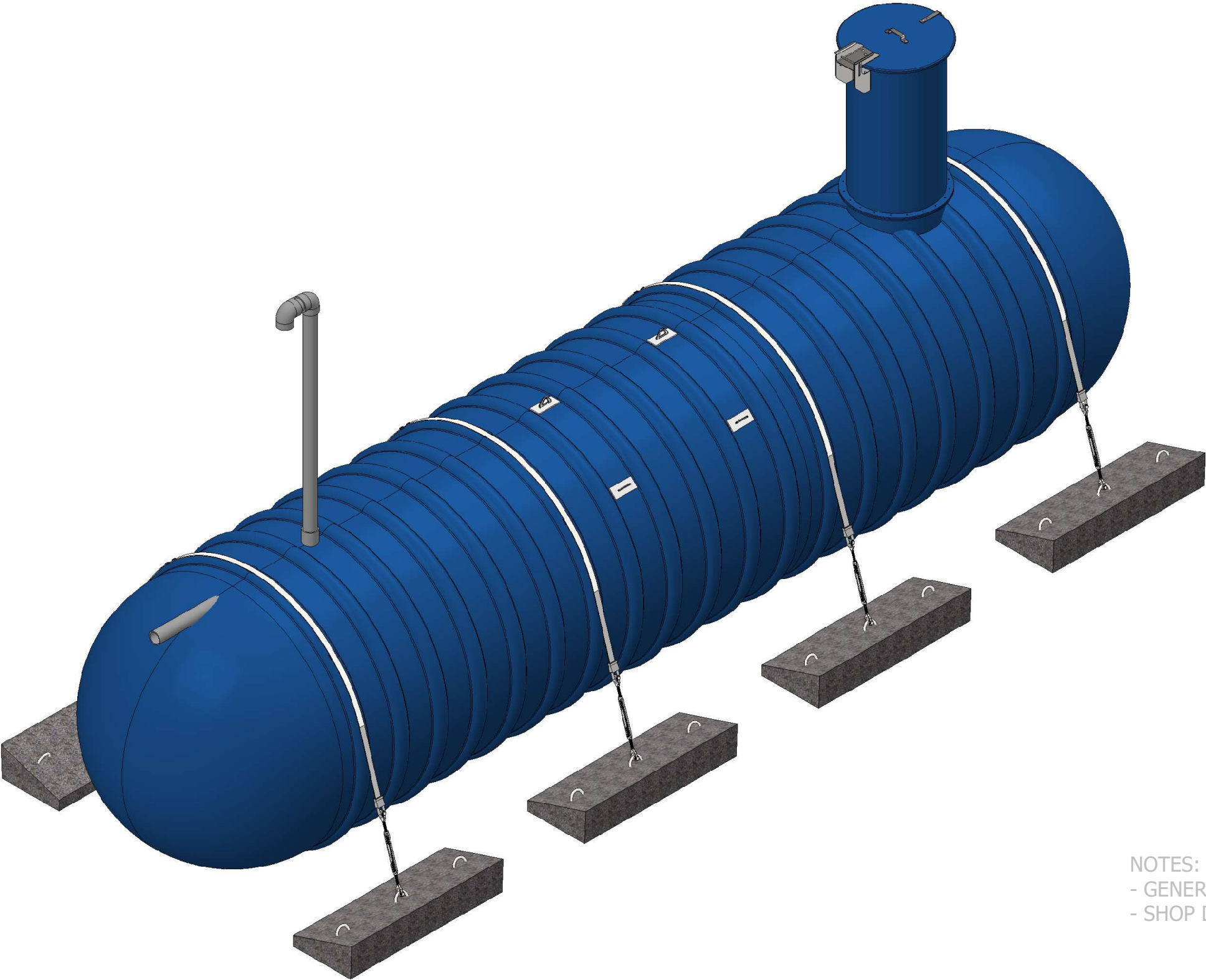


NN08190386EU

FIBERGLASS TANK



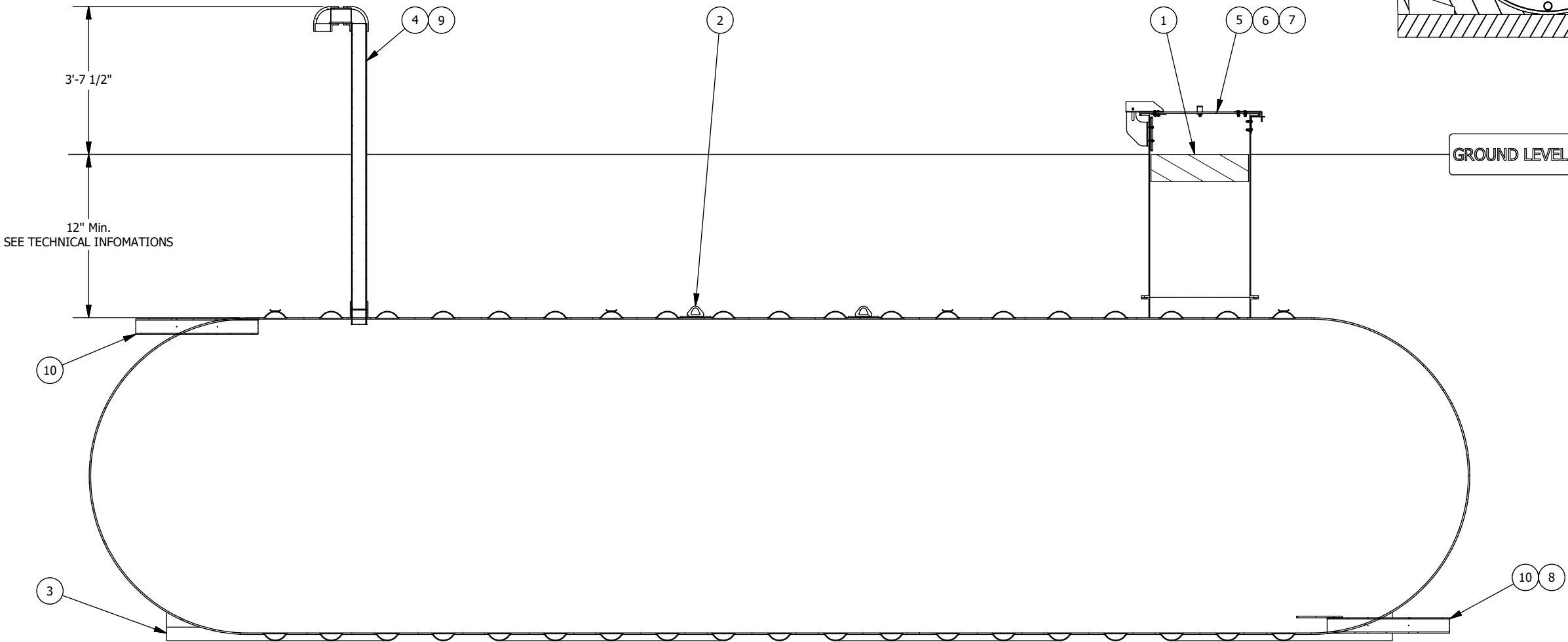
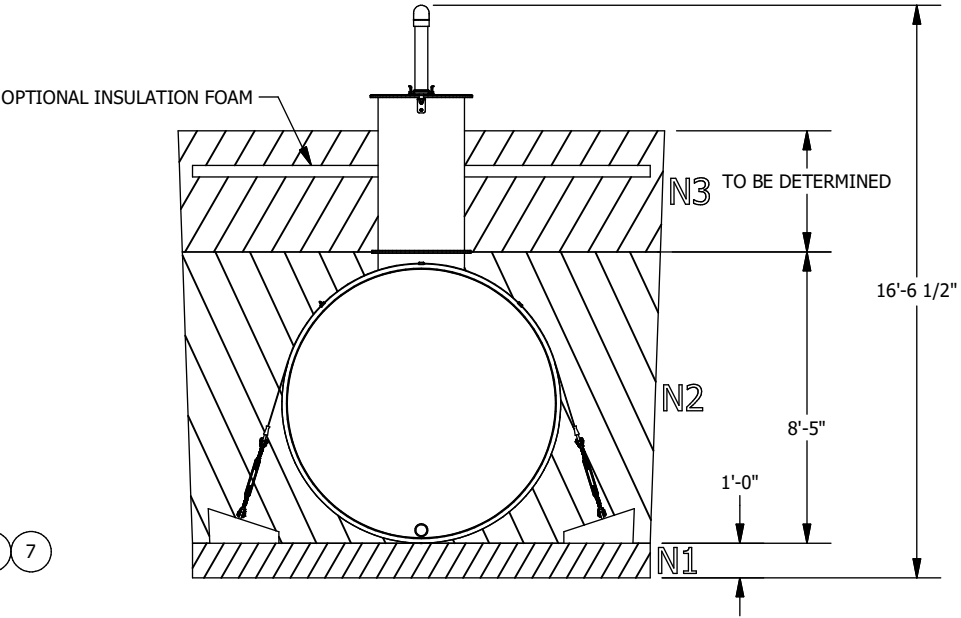
NOTES:
 - GENERIC DRAWING FOR REFERENCE ONLY
 - SHOP DRAWING AVAILABLE ON REQUEST

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TOLERANCES (LINEAR)				Revision description	
FEET DIM. -> ± 1% 0.0 -> ± 0.5"				Format B	Part no. NN08190386EU
TOLERANCES (ANGULAR)		Drawn by O. Marin		20/12/2023	
0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG.		Approved by :		Title	
Weight : 3930 Lb				8' Dia. TANK - 10851 US gal	
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	ADPGILP001	4	LIFTING LUGS	
3	ENSCOUR8	4	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

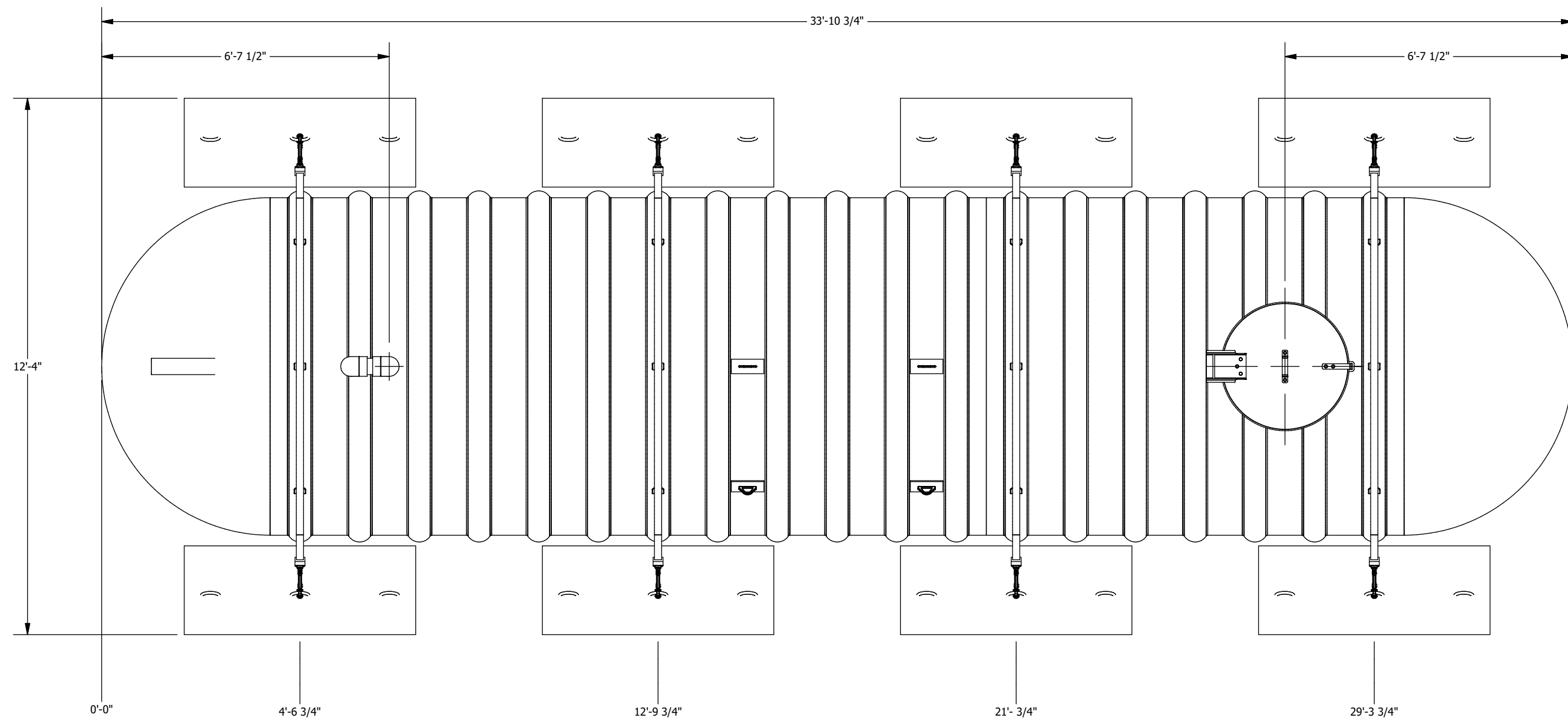
Technical informations

- Burrial depth: According to the geotechnical installation conditions
- Inside Diameter : 92.25"
- (If required) Quantity of fiberglass anchoring straps : 4
- (If required) Quantity of reinforced concrete deadman anchors : 8
- 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	
TOLERANCES (ANGULAR) 0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG. 0.00 -> ± 0.1 DEG.		Drawn by O. Marin		20/12/2023	
Weight : 3930 Lb		Approved by :		Title 8' Dia. TANK - 10851 US gal	
Client		# Project			
				Sheet 2 / 4	
				Format B Part no. NN08190386EU REV 02 .	



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	
				Format B	Part no. NN08190386EU
TOLERANCES (ANGULAR) 0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG. 0.00 -> ± 0.1 DEG.		Drawn by O. Marin		20/12/2023	
Weight : 3930 Lb		Approved by :		8' Dia. TANK - 10851 US gal	
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 NN08190386 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	272	12	777	18	1424	24	2175	30	3001	36	3880	42	4791	48	5715	54	6632	60	7526
1/8	1	6 1/8	281	12 1/8	789	18 1/8	1439	24 1/8	2191	30 1/8	3019	36 1/8	3899	42 1/8	4810	48 1/8	5734	54 1/8	6651	60 1/8	7544
1/4	3	6 1/4	290	12 1/4	801	18 1/4	1453	24 1/4	2208	30 1/4	3037	36 1/4	3917	42 1/4	4829	48 1/4	5753	54 1/4	6670	60 1/4	7562
3/8	5	6 3/8	299	12 3/8	813	18 3/8	1468	24 3/8	2225	30 3/8	3055	36 3/8	3936	42 3/8	4848	48 3/8	5772	54 3/8	6689	60 3/8	7580
1/2	7	6 1/2	308	12 1/2	826	18 1/2	1483	24 1/2	2241	30 1/2	3073	36 1/2	3955	42 1/2	4868	48 1/2	5792	54 1/2	6708	60 1/2	7598
5/8	9	6 5/8	317	12 5/8	838	18 5/8	1498	24 5/8	2258	30 5/8	3091	36 5/8	3974	42 5/8	4887	48 5/8	5811	54 5/8	6727	60 5/8	7616
3/4	12	6 3/4	326	12 3/4	851	18 3/4	1513	24 3/4	2275	30 3/4	3109	36 3/4	3993	42 3/4	4906	48 3/4	5830	54 3/4	6746	60 3/4	7634
7/8	15	6 7/8	335	12 7/8	863	18 7/8	1528	24 7/8	2291	30 7/8	3127	36 7/8	4011	42 7/8	4925	48 7/8	5849	54 7/8	6765	60 7/8	7653
1	18	7	344	13	876	19	1543	25	2308	31	3145	37	4030	43	4944	49	5868	55	6783	61	7671
1 1/8	22	7 1/8	353	13 1/8	889	19 1/8	1558	25 1/8	2325	31 1/8	3163	37 1/8	4049	43 1/8	4964	49 1/8	5888	55 1/8	6802	61 1/8	7689
1 1/4	26	7 1/4	363	13 1/4	901	19 1/4	1573	25 1/4	2342	31 1/4	3181	37 1/4	4068	43 1/4	4983	49 1/4	5907	55 1/4	6821	61 1/4	7707
1 3/8	30	7 3/8	372	13 3/8	914	19 3/8	1588	25 3/8	2358	31 3/8	3199	37 3/8	4087	43 3/8	5002	49 3/8	5926	55 3/8	6840	61 3/8	7725
1 1/2	34	7 1/2	382	13 1/2	927	19 1/2	1603	25 1/2	2375	31 1/2	3217	37 1/2	4106	43 1/2	5021	49 1/2	5945	55 1/2	6859	61 1/2	7743
1 5/8	38	7 5/8	392	13 5/8	940	19 5/8	1618	25 5/8	2392	31 5/8	3235	37 5/8	4124	43 5/8	5041	49 5/8	5964	55 5/8	6878	61 5/8	7761
1 3/4	42	7 3/4	401	13 3/4	953	19 3/4	1634	25 3/4	2409	31 3/4	3253	37 3/4	4143	43 3/4	5060	49 3/4	5984	55 3/4	6896	61 3/4	7779
1 7/8	47	7 7/8	411	13 7/8	966	19 7/8	1649	25 7/8	2426	31 7/8	3271	37 7/8	4162	43 7/8	5079	49 7/8	6003	55 7/8	6915	61 7/8	7796
2	52	8	421	14	979	20	1664	26	2443	32	3289	38	4181	44	5098	50	6022	56	6934	62	7814
2 1/8	57	8 1/8	431	14 1/8	992	20 1/8	1680	26 1/8	2460	32 1/8	3308	38 1/8	4200	44 1/8	5118	50 1/8	6041	56 1/8	6953	62 1/8	7832
2 1/4	62	8 1/4	441	14 1/4	1005	20 1/4	1695	26 1/4	2477	32 1/4	3326	38 1/4	4219	44 1/4	5137	50 1/4	6060	56 1/4	6971	62 1/4	7850
2 3/8	67	8 3/8	451	14 3/8	1018	20 3/8	1711	26 3/8	2494	32 3/8	3344	38 3/8	4238	44 3/8	5156	50 3/8	6080	56 3/8	6990	62 3/8	7868
2 1/2	72	8 1/2	462	14 1/2	1032	20 1/2	1726	26 1/2	2511	32 1/2	3362	38 1/2	4257	44 1/2	5175	50 1/2	6099	56 1/2	7009	62 1/2	7886
2 5/8	78	8 5/8	472	14 5/8	1045	20 5/8	1742	26 5/8	2529	32 5/8	3380	38 5/8	4276	44 5/8	5195	50 5/8	6118	56 5/8	7027	62 5/8	7903
2 3/4	84	8 3/4	482	14 3/4	1058	20 3/4	1757	26 3/4	2546	32 3/4	3399	38 3/4	4295	44 3/4	5214	50 3/4	6137	56 3/4	7046	62 3/4	7921
2 7/8	90	8 7/8	493	14 7/8	1072	20 7/8	1773	26 7/8	2563	32 7/8	3417	38 7/8	4314	44 7/8	5233	50 7/8	6156	56 7/8	7065	62 7/8	7939
3	95	9	503	15	1085	21	1788	27	2580	33	3435	39	4333	45	5252	51	6175	57	7083	63	7957
3 1/8	102	9 1/8	514	15 1/8	1099	21 1/8	1804	27 1/8	2597	33 1/8	3454	39 1/8	4352	45 1/8	5272	51 1/8	6195	57 1/8	7102	63 1/8	7974
3 1/4	108	9 1/4	525	15 1/4	1112	21 1/4	1820	27 1/4	2615	33 1/4	3472	39 1/4	4371	45 1/4	5291	51 1/4	6214	57 1/4	7120	63 1/4	7992
3 3/8	114	9 3/8	535	15 3/8	1126	21 3/8	1836	27 3/8	2632	33 3/8	3490	39 3/8	4390	45 3/8	5310	51 3/8	6233	57 3/8	7139	63 3/8	8010
3 1/2	120	9 1/2	546	15 1/2	1140	21 1/2	1851	27 1/2	2649	33 1/2	3509	39 1/2	4409	45 1/2	5329	51 1/2	6252	57 1/2	7158	63 1/2	8027
3 5/8	127	9 5/8	557	15 5/8	1153	21 5/8	1867	27 5/8	2667	33 5/8	3527	39 5/8	4428	45 5/8	5349	51 5/8	6271	57 5/8	7176	63 5/8	8045
3 3/4	134	9 3/4	568	15 3/4	1167	21 3/4	1883	27 3/4	2684	33 3/4	3546	39 3/4	4447	45 3/4	5368	51 3/4	6290	57 3/4	7195	63 3/4	8062
3 7/8	141	9 7/8	579	15 7/8	1181	21 7/8	1899	27 7/8	2701	33 7/8	3564	39 7/8	4466	45 7/8	5387	51 7/8	6309	57 7/8	7213	63 7/8	8080
4	147	10	590	16	1195	22	1915	28	2719	34	3583	40	4485	46	5406	52	6328	58	7232	64	8097
4 1/8	154	10 1/8	601	16 1/8	1209	22 1/8	1931	28 1/8	2736	34 1/8	3601	40 1/8	4504	46 1/8	5426	52 1/8	6347	58 1/8	7250	64 1/8	8115
4 1/4	162	10 1/4	612	16 1/4	1223	22 1/4	1947	28 1/4	2754	34 1/4	3620	40 1/4	4523	46 1/4	5445	52 1/4	6366	58 1/4	7269	64 1/4	8132
4 3/8	169	10 3/8	624	16 3/8	1237	22 3/8	1963	28 3/8	2771	34 3/8	3638	40 3/8	4542	46 3/8	5464	52 3/8	6385	58 3/8	7287	64 3/8	8150
4 1/2	176	10 1/2	635	16 1/2	1251	22 1/2	1979	28 1/2	2789	34 1/2	3657	40 1/2	4561	46 1/2	5483	52 1/2	6405	58 1/2	7306	64 1/2	8167
4 5/8	184	10 5/8	647	16 5/8	1265	22 5/8	1995	28 5/8	2806	34 5/8	3675	40 5/8	4580	46 5/8	5503	52 5/8	6424	58 5/8	7324	64 5/8	8185
4 3/4	191	10 3/4	658	16 3/4	1279	22 3/4	2011	28 3/4	2824	34 3/4	3694	40 3/4	4599	46 3/4	5522	52 3/4	6443	58 3/4	7342	64 3/4	8202
4 7/8	199	10 7/8	670	16 7/8	1294	22 7/8	2028	28 7/8	2842	34 7/8	3712	40 7/8	4619	46 7/8	5541	52 7/8	6462	58 7/8	7361	64 7/8	8219
5	207	11	681	17	1308	23	2044	29	2859	35	3731	41	4638	47	5561	53	6481	59	7379	65	8237
5 1/8	215	11 1/8	693	17 1/8	1322	23 1/8	2060	29 1/8	2877	35 1/8	3749	41 1/8	4657	47 1/8	5580	53 1/8	6500	59 1/8	7398	65 1/8	8254
5 1/4	223	11 1/4	705	17 1/4	1337	23 1/4	2076	29 1/4	2895	35 1/4	3768	41 1/4	4676	47 1/4	5599	53 1/4	6519	59 1/4	7416	65 1/4	8271
5 3/8	231	11 3/8	717	17 3/8	1351	23 3/8	2093	29 3/8	2912	35 3/8	3787	41 3/8	4695	47 3/8	5618	53 3/8	6538	59 3/8	7434	65 3/8	8288
5 1/2	239	11 1/2	728	17 1/2	1366	23 1/2	2109	29 1/2	2930	35 1/2	3805	41 1/2	4714	47 1/2	5638	53 1/2	6557	59 1/2	7453	65 1/2	8306
5 5/8	247	11 5/8	740	17 5/8	1380	23 5/8	2125	29 5/8	2948	35 5/8	3824	41 5/8	4733	47 5/8	5657	53 5/8	6576	59 5/8	7471	65 5/8	8323
5 3/4	255	11 3/4	752	17 3/4	1395	23 3/4	2142	29 3/4	2966	35 3/4	3843	41 3/4	4753	47 3/4	5676	53 3/4	6595	59 3/4	7489	65 3/4	8340
5 7/8	264	11 7/8	764	17 7/8	1409	23 7/8	2158	29 7/8	2983	35 7/8	3861	41 7/8	4772	47 7/8	5695	53 7/8	6613	59 7/8	7507	65 7/8	8357

** PRECISION IS ABOUT +/- 1%



CAPACITY CHART FOR NN08190386 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	8374	69	8775	72	9156	75	9515	78	9846	81	10147	84	10410	87	10629	90	10789				
66 1/8	8391	69 1/8	8791	72 1/8	9172	75 1/8	9529	78 1/8	9859	81 1/8	10158	84 1/8	10420	87 1/8	10637	90 1/8	10795				
66 1/4	8408	69 1/4	8808	72 1/4	9187	75 1/4	9543	78 1/4	9873	81 1/4	10170	84 1/4	10430	87 1/4	10645	90 1/4	10799				
66 3/8	8425	69 3/8	8824	72 3/8	9202	75 3/8	9558	78 3/8	9886	81 3/8	10182	84 3/8	10440	87 3/8	10652	90 3/8	10804				
66 1/2	8442	69 1/2	8840	72 1/2	9218	75 1/2	9572	78 1/2	9899	81 1/2	10193	84 1/2	10450	87 1/2	10660	90 1/2	10809				
66 5/8	8459	69 5/8	8856	72 5/8	9233	75 5/8	9586	78 5/8	9912	81 5/8	10205	84 5/8	10460	87 5/8	10668	90 5/8	10813				
66 3/4	8476	69 3/4	8872	72 3/4	9248	75 3/4	9600	78 3/4	9924	81 3/4	10216	84 3/4	10469	87 3/4	10675	90 3/4	10818				
66 7/8	8493	69 7/8	8888	72 7/8	9263	75 7/8	9614	78 7/8	9937	81 7/8	10228	84 7/8	10479	87 7/8	10682	90 7/8	10822				
67	8510	70	8904	73	9278	76	9628	79	9950	82	10239	85	10488	88	10690	91	10826				
67 1/8	8527	70 1/8	8920	73 1/8	9294	76 1/8	9642	79 1/8	9963	82 1/8	10250	85 1/8	10498	88 1/8	10697	91 1/8	10829				
67 1/4	8543	70 1/4	8936	73 1/4	9309	76 1/4	9656	79 1/4	9975	82 1/4	10261	85 1/4	10507	88 1/4	10704	91 1/4	10833				
67 3/8	8560	70 3/8	8952	73 3/8	9324	76 3/8	9670	79 3/8	9988	82 3/8	10272	85 3/8	10516	88 3/8	10711	91 3/8	10836				
67 1/2	8577	70 1/2	8968	73 1/2	9339	76 1/2	9684	79 1/2	10001	82 1/2	10283	85 1/2	10526	88 1/2	10718	91 1/2	10839				
67 5/8	8593	70 5/8	8984	73 5/8	9353	76 5/8	9698	79 5/8	10013	82 5/8	10294	85 5/8	10535	88 5/8	10724	91 5/8	10842				
67 3/4	8610	70 3/4	9000	73 3/4	9368	76 3/4	9712	79 3/4	10026	82 3/4	10305	85 3/4	10544	88 3/4	10731	91 3/4	10845				
67 7/8	8627	70 7/8	9016	73 7/8	9383	76 7/8	9725	79 7/8	10038	82 7/8	10316	85 7/8	10553	88 7/8	10737	91 7/8	10847				
68	8643	71	9032	74	9398	77	9739	80	10050	83	10327	86	10561	89	10744	92	10849				
68 1/8	8660	71 1/8	9047	74 1/8	9413	77 1/8	9753	80 1/8	10063	83 1/8	10337	86 1/8	10570	89 1/8	10750	92 1/8	10850				
68 1/4	8676	71 1/4	9063	74 1/4	9427	77 1/4	9766	80 1/4	10075	83 1/4	10348	86 1/4	10579	89 1/4	10756	92 1/4	10851				
68 3/8	8693	71 3/8	9079	74 3/8	9442	77 3/8	9780	80 3/8	10087	83 3/8	10359	86 3/8	10587	89 3/8	10762	92 3/8	10851				
68 1/2	8709	71 1/2	9094	74 1/2	9457	77 1/2	9793	80 1/2	10099	83 1/2	10369	86 1/2	10596	89 1/2	10768						
68 5/8	8726	71 5/8	9110	74 5/8	9471	77 5/8	9806	80 5/8	10111	83 5/8	10379	86 5/8	10604	89 5/8	10773						
68 3/4	8742	71 3/4	9125	74 3/4	9486	77 3/4	9820	80 3/4	10123	83 3/4	10390	86 3/4	10612	89 3/4	10779						
68 7/8	8759	71 7/8	9141	74 7/8	9500	77 7/8	9833	80 7/8	10135	83 7/8	10400	86 7/8	10621	89 7/8	10784						

** PRECISION IS ABOUT +/- 1%