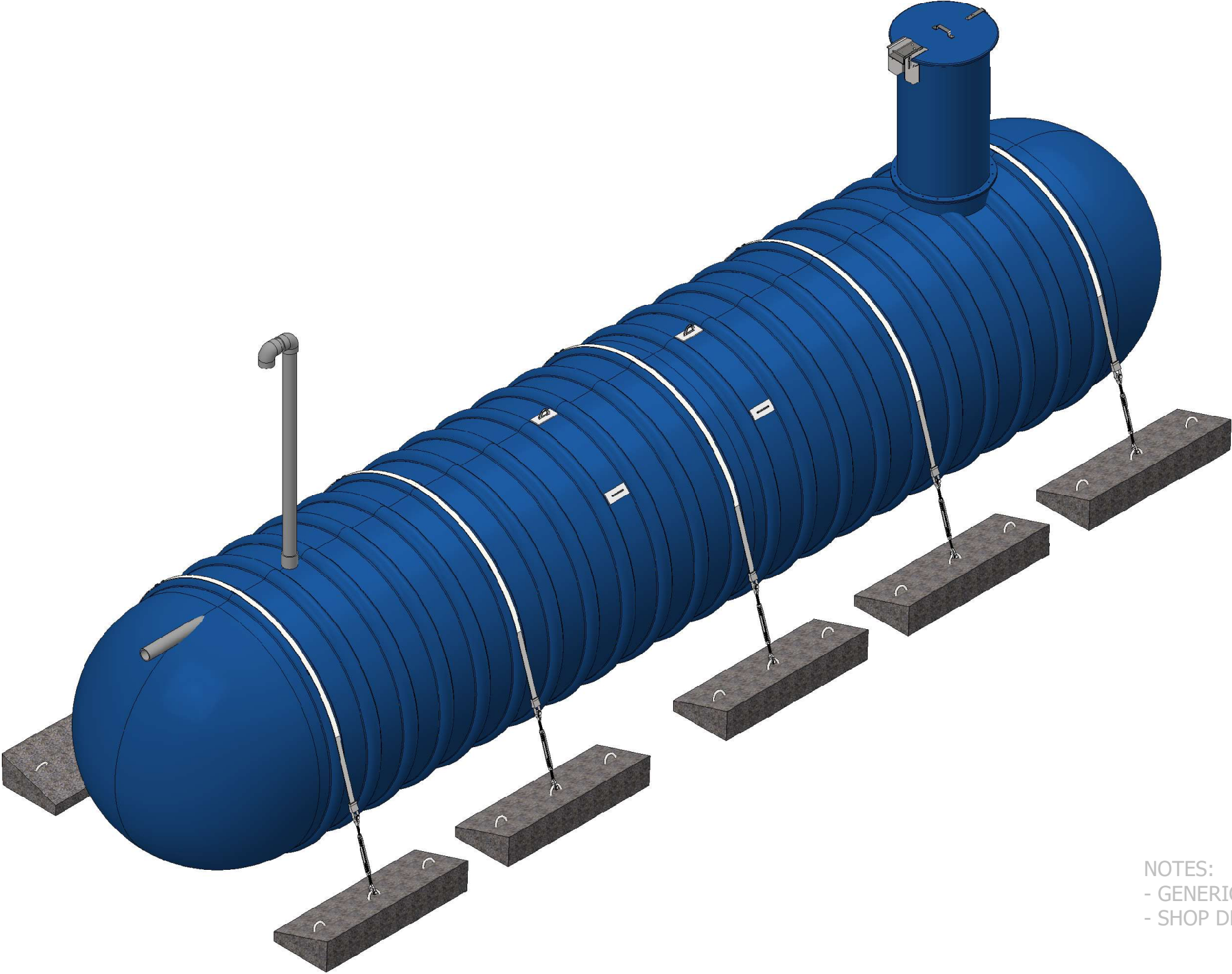


NN08220440EU
 FIBERGLASS TANK



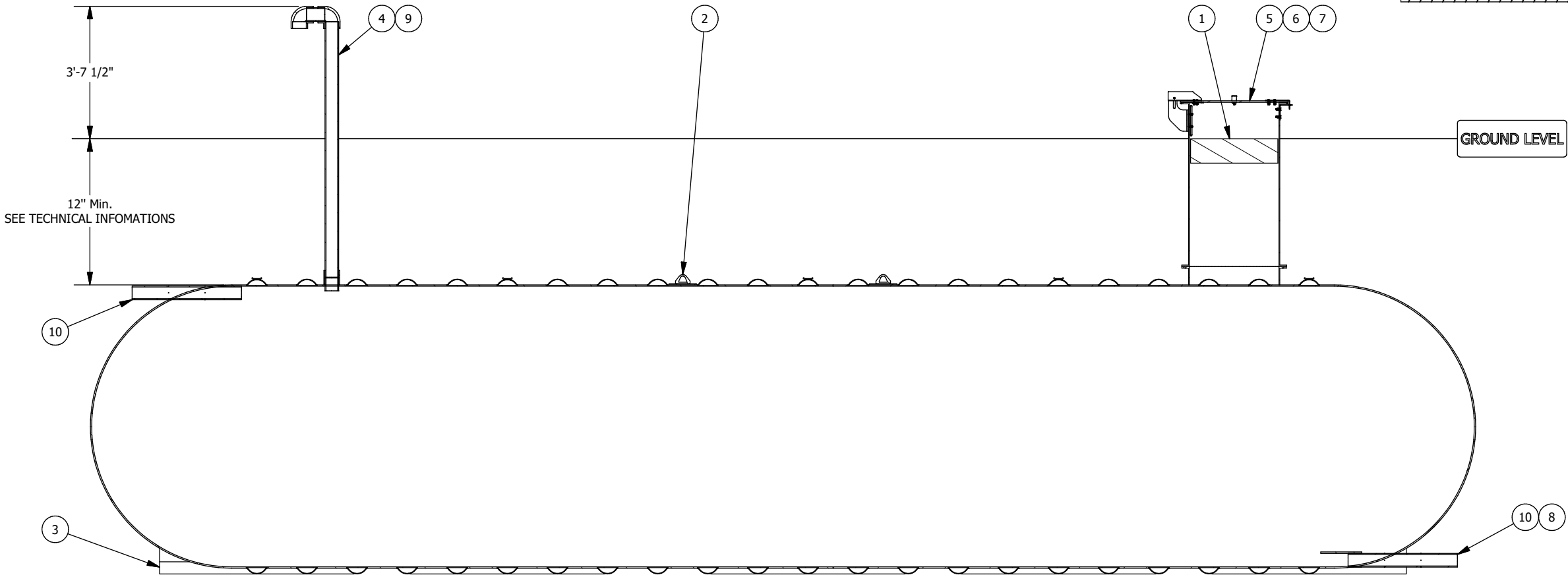
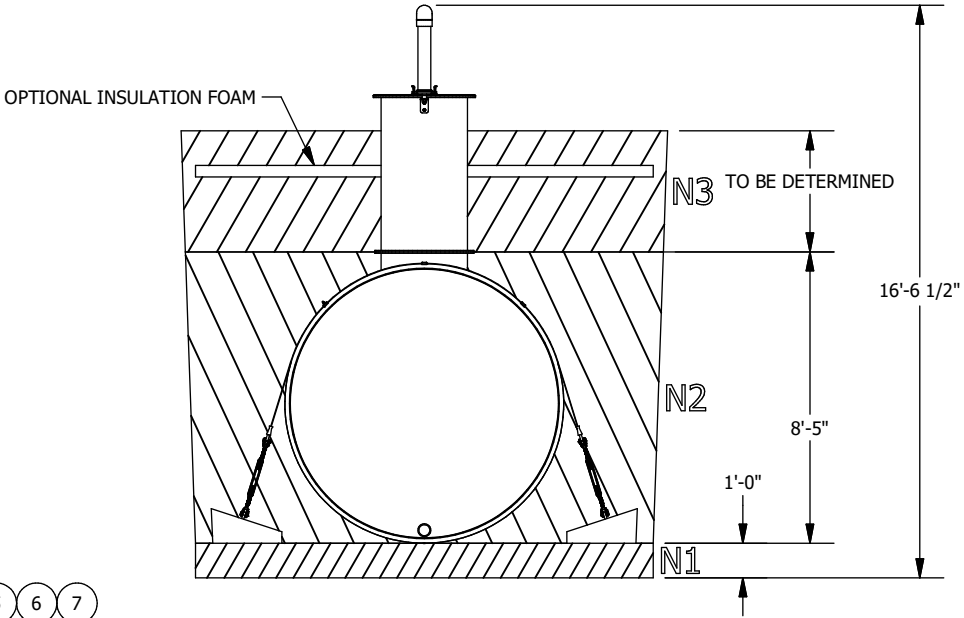
NOTES:
 - GENERIC DRAWING FOR REFERENCE ONLY
 - SHOP DRAWING AVAILABLE ON REQUEST

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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"						Format B		Part no. NN08220440EU		REV 02.
TOLERANCES (ANGULAR)			Drawn by O. Marin			20/12/2023			Title	
0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG.			Approved by :			8' Dia. TANK - 12283 US gal				
Weight : 4382 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	ADPGILP001	4	LIFTING LUGS	
3	ENSCOUR8	5	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

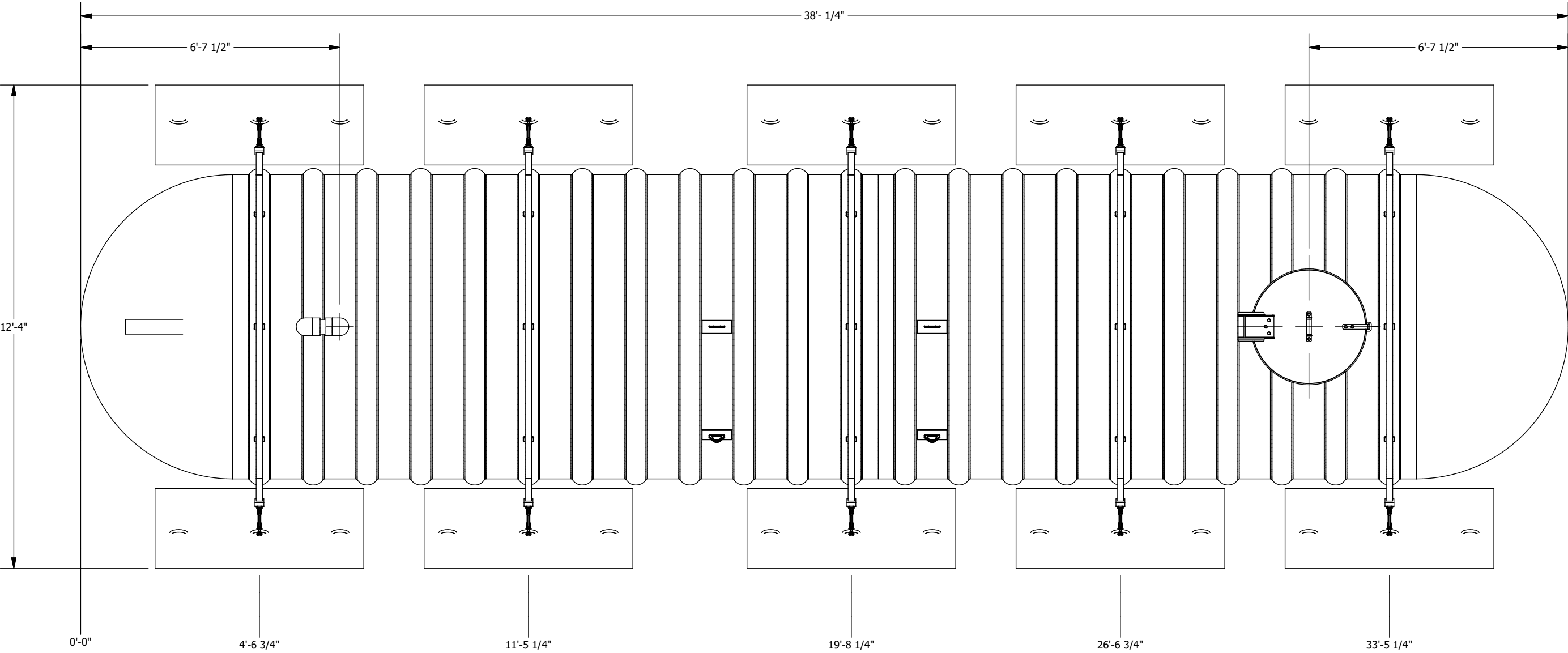
Technical informations

- Burrial depth: According to the geotechnical installation conditions
- Inside Diameter : 92.25"
- (If required) Quantity of fiberglass anchoring straps : 5
- (If required) Quantity of reinforced concrete deadman anchors : 10
- 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. NN08220440EU	REV 02.
Title 8' Dia. TANK - 12283 US gal					
TOLERANCES (ANGULAR) 0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG. 0.00 -> ± 0.1 DEG.		Drawn by O. Marin	20/12/2023		
Weight : 4382 Lb		Approved by :			
Client	# Projet		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		Revision description	
				Format B	Part no. NN08220440EU
TOLERANCES (ANGULAR) 0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG. 0.00 -> ± 0.1 DEG.		Drawn by O. Marin		20/12/2023	
Weight : 4382 Lb		Approved by :		Title	
Client		# Projet		8' Dia. TANK - 12283 US gal	
				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) FEET DIM. -> ± 1% 0.0 -> ± 0.5" 0.00 -> ± 0.25" 0.000 -> ± 0.125"		 GRANBY COMPOSITES		Revision description	
				Format B	Part no. ENSCOUR8
TOLERANCES (ANGULAR) 0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG. 0.00 -> ± 0.1 DEG.		Drawn by O. Marin		04/10/2018	
Weight :		Approved by :		Title	
Client		# Projet		Sheet 4 / 4	
ANCHORING KIT					



CAPACITY CHART FOR NN08220440 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	312	12	886	18	1621	24	2471	30	3405	36	4398	42	5426	48	6468	54	7503	60	8512
1/8	1	6 1/8	322	12 1/8	900	18 1/8	1637	24 1/8	2490	30 1/8	3425	36 1/8	4419	42 1/8	5447	48 1/8	6489	54 1/8	7525	60 1/8	8532
1/4	3	6 1/4	332	12 1/4	914	18 1/4	1654	24 1/4	2508	30 1/4	3446	36 1/4	4440	42 1/4	5469	48 1/4	6511	54 1/4	7546	60 1/4	8553
3/8	5	6 3/8	342	12 3/8	928	18 3/8	1671	24 3/8	2527	30 3/8	3466	36 3/8	4461	42 3/8	5490	48 3/8	6533	54 3/8	7567	60 3/8	8573
1/2	8	6 1/2	352	12 1/2	942	18 1/2	1688	24 1/2	2546	30 1/2	3486	36 1/2	4482	42 1/2	5512	48 1/2	6555	54 1/2	7589	60 1/2	8594
5/8	11	6 5/8	362	12 5/8	956	18 5/8	1705	24 5/8	2565	30 5/8	3506	36 5/8	4503	42 5/8	5534	48 5/8	6576	54 5/8	7610	60 5/8	8614
3/4	14	6 3/4	373	12 3/4	970	18 3/4	1721	24 3/4	2584	30 3/4	3527	36 3/4	4525	42 3/4	5555	48 3/4	6598	54 3/4	7631	60 3/4	8635
7/8	17	6 7/8	383	12 7/8	985	18 7/8	1738	24 7/8	2603	30 7/8	3547	36 7/8	4546	42 7/8	5577	48 7/8	6620	54 7/8	7653	60 7/8	8655
1	21	7	394	13	999	19	1755	25	2622	31	3567	37	4567	43	5599	49	6641	55	7674	61	8676
1 1/8	25	7 1/8	404	13 1/8	1013	19 1/8	1772	25 1/8	2641	31 1/8	3588	37 1/8	4588	43 1/8	5621	49 1/8	6663	55 1/8	7695	61 1/8	8696
1 1/4	29	7 1/4	415	13 1/4	1028	19 1/4	1790	25 1/4	2660	31 1/4	3608	37 1/4	4610	43 1/4	5642	49 1/4	6685	55 1/4	7716	61 1/4	8716
1 3/8	34	7 3/8	426	13 3/8	1042	19 3/8	1807	25 3/8	2679	31 3/8	3628	37 3/8	4631	43 3/8	5664	49 3/8	6706	55 3/8	7738	61 3/8	8737
1 1/2	39	7 1/2	437	13 1/2	1057	19 1/2	1824	25 1/2	2698	31 1/2	3649	37 1/2	4652	43 1/2	5686	49 1/2	6728	55 1/2	7759	61 1/2	8757
1 5/8	44	7 5/8	448	13 5/8	1071	19 5/8	1841	25 5/8	2717	31 5/8	3669	37 5/8	4673	43 5/8	5707	49 5/8	6750	55 5/8	7780	61 5/8	8777
1 3/4	49	7 3/4	459	13 3/4	1086	19 3/4	1858	25 3/4	2736	31 3/4	3690	37 3/4	4695	43 3/4	5729	49 3/4	6771	55 3/4	7801	61 3/4	8798
1 7/8	54	7 7/8	470	13 7/8	1101	19 7/8	1876	25 7/8	2755	31 7/8	3710	37 7/8	4716	43 7/8	5751	49 7/8	6793	55 7/8	7822	61 7/8	8818
2	60	8	482	14	1116	20	1893	26	2774	32	3731	38	4737	44	5772	50	6815	56	7844	62	8838
2 1/8	65	8 1/8	493	14 1/8	1131	20 1/8	1910	26 1/8	2794	32 1/8	3751	38 1/8	4759	44 1/8	5794	50 1/8	6836	56 1/8	7865	62 1/8	8858
2 1/4	71	8 1/4	505	14 1/4	1146	20 1/4	1928	26 1/4	2813	32 1/4	3772	38 1/4	4780	44 1/4	5816	50 1/4	6858	56 1/4	7886	62 1/4	8878
2 3/8	77	8 3/8	516	14 3/8	1161	20 3/8	1945	26 3/8	2832	32 3/8	3792	38 3/8	4801	44 3/8	5838	50 3/8	6880	56 3/8	7907	62 3/8	8898
2 1/2	83	8 1/2	528	14 1/2	1176	20 1/2	1963	26 1/2	2852	32 1/2	3813	38 1/2	4823	44 1/2	5859	50 1/2	6901	56 1/2	7928	62 1/2	8919
2 5/8	90	8 5/8	539	14 5/8	1191	20 5/8	1981	26 5/8	2871	32 5/8	3834	38 5/8	4844	44 5/8	5881	50 5/8	6923	56 5/8	7949	62 5/8	8939
2 3/4	96	8 3/4	551	14 3/4	1206	20 3/4	1998	26 3/4	2890	32 3/4	3854	38 3/4	4866	44 3/4	5903	50 3/4	6944	56 3/4	7970	62 3/4	8959
2 7/8	103	8 7/8	563	14 7/8	1221	20 7/8	2016	26 7/8	2910	32 7/8	3875	38 7/8	4887	44 7/8	5924	50 7/8	6966	56 7/8	7991	62 7/8	8979
3	110	9	575	15	1237	21	2034	27	2929	33	3896	39	4909	45	5946	51	6988	57	8012	63	8999
3 1/8	117	9 1/8	587	15 1/8	1252	21 1/8	2051	27 1/8	2949	33 1/8	3916	39 1/8	4930	45 1/8	5968	51 1/8	7009	57 1/8	8033	63 1/8	9019
3 1/4	124	9 1/4	599	15 1/4	1267	21 1/4	2069	27 1/4	2968	33 1/4	3937	39 1/4	4951	45 1/4	5990	51 1/4	7031	57 1/4	8054	63 1/4	9039
3 3/8	131	9 3/8	612	15 3/8	1283	21 3/8	2087	27 3/8	2988	33 3/8	3958	39 3/8	4973	45 3/8	6011	51 3/8	7052	57 3/8	8075	63 3/8	9059
3 1/2	138	9 1/2	624	15 1/2	1298	21 1/2	2105	27 1/2	3007	33 1/2	3979	39 1/2	4994	45 1/2	6033	51 1/2	7074	57 1/2	8096	63 1/2	9079
3 5/8	146	9 5/8	636	15 5/8	1314	21 5/8	2123	27 5/8	3027	33 5/8	3999	39 5/8	5016	45 5/8	6055	51 5/8	7096	57 5/8	8117	63 5/8	9098
3 3/4	153	9 3/4	649	15 3/4	1330	21 3/4	2141	27 3/4	3047	33 3/4	4020	39 3/4	5037	45 3/4	6077	51 3/4	7117	57 3/4	8138	63 3/4	9118
3 7/8	161	9 7/8	661	15 7/8	1345	21 7/8	2159	27 7/8	3066	33 7/8	4041	39 7/8	5059	45 7/8	6098	51 7/8	7139	57 7/8	8159	63 7/8	9138
4	169	10	674	16	1361	22	2177	28	3086	34	4062	40	5080	46	6120	52	7160	58	8180	64	9158
4 1/8	177	10 1/8	687	16 1/8	1377	22 1/8	2195	28 1/8	3106	34 1/8	4083	40 1/8	5102	46 1/8	6142	52 1/8	7182	58 1/8	8201	64 1/8	9178
4 1/4	185	10 1/4	699	16 1/4	1393	22 1/4	2213	28 1/4	3126	34 1/4	4104	40 1/4	5123	46 1/4	6164	52 1/4	7203	58 1/4	8222	64 1/4	9197
4 3/8	194	10 3/8	712	16 3/8	1409	22 3/8	2231	28 3/8	3145	34 3/8	4124	40 3/8	5145	46 3/8	6185	52 3/8	7225	58 3/8	8243	64 3/8	9217
4 1/2	202	10 1/2	725	16 1/2	1425	22 1/2	2249	28 1/2	3165	34 1/2	4145	40 1/2	5166	46 1/2	6207	52 1/2	7246	58 1/2	8263	64 1/2	9237
4 5/8	211	10 5/8	738	16 5/8	1441	22 5/8	2268	28 5/8	3185	34 5/8	4166	40 5/8	5188	46 5/8	6229	52 5/8	7268	58 5/8	8284	64 5/8	9256
4 3/4	219	10 3/4	751	16 3/4	1457	22 3/4	2286	28 3/4	3205	34 3/4	4187	40 3/4	5210	46 3/4	6250	52 3/4	7289	58 3/4	8305	64 3/4	9276
4 7/8	228	10 7/8	764	16 7/8	1473	22 7/8	2304	28 7/8	3225	34 7/8	4208	40 7/8	5231	46 7/8	6272	52 7/8	7311	58 7/8	8326	64 7/8	9296
5	237	11	778	17	1489	23	2323	29	3245	35	4229	41	5253	47	6294	53	7332	59	8347	65	9315
5 1/8	246	11 1/8	791	17 1/8	1506	23 1/8	2341	29 1/8	3265	35 1/8	4250	41 1/8	5274	47 1/8	6316	53 1/8	7354	59 1/8	8367	65 1/8	9335
5 1/4	255	11 1/4	804	17 1/4	1522	23 1/4	2360	29 1/4	3285	35 1/4	4271	41 1/4	5296	47 1/4	6337	53 1/4	7375	59 1/4	8388	65 1/4	9354
5 3/8	264	11 3/8	818	17 3/8	1538	23 3/8	2378	29 3/8	3305	35 3/8	4292	41 3/8	5317	47 3/8	6359	53 3/8	7396	59 3/8	8409	65 3/8	9374
5 1/2	274	11 1/2	831	17 1/2	1555	23 1/2	2397	29 1/2	3325	35 1/2	4313	41 1/2	5339	47 1/2	6381	53 1/2	7418	59 1/2	8429	65 1/2	9393
5 5/8	283	11 5/8	845	17 5/8	1571	23 5/8	2415	29 5/8	3345	35 5/8	4334	41 5/8	5361	47 5/8	6403	53 5/8	7439	59 5/8	8450	65 5/8	9413
5 3/4	293	11 3/4	859	17 3/4	1588	23 3/4	2434	29 3/4	3365	35 3/4	4355	41 3/4	5382	47 3/4	6424	53 3/4	7461	59 3/4	8471	65 3/4	9432
5 7/8	302	11 7/8	872	17 7/8	1604	23 7/8	2452	29 7/8	3385	35 7/8	4377	41 7/8	5404	47 7/8	6446	53 7/8	7482	59 7/8	8491	65 7/8	9451

** PRECISION IS ABOUT +/- 1%



CAPACITY CHART FOR NN08220440 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	9471	69	9924	72	10356	75	10762	78	11138	81	11479	84	11779	87	12029	90	12213				
66 1/8	9490	69 1/8	9942	72 1/8	10373	75 1/8	10778	78 1/8	11153	81 1/8	11493	84 1/8	11791	87 1/8	12038	90 1/8	12218				
66 1/4	9509	69 1/4	9961	72 1/4	10390	75 1/4	10794	78 1/4	11168	81 1/4	11506	84 1/4	11802	87 1/4	12047	90 1/4	12224				
66 3/8	9528	69 3/8	9979	72 3/8	10408	75 3/8	10810	78 3/8	11183	81 3/8	11519	84 3/8	11813	87 3/8	12056	90 3/8	12230				
66 1/2	9548	69 1/2	9998	72 1/2	10425	75 1/2	10827	78 1/2	11197	81 1/2	11532	84 1/2	11824	87 1/2	12064	90 1/2	12235				
66 5/8	9567	69 5/8	10016	72 5/8	10442	75 5/8	10843	78 5/8	11212	81 5/8	11545	84 5/8	11836	87 5/8	12073	90 5/8	12240				
66 3/4	9586	69 3/4	10034	72 3/4	10460	75 3/4	10859	78 3/4	11227	81 3/4	11558	84 3/4	11847	87 3/4	12081	90 3/4	12245				
66 7/8	9605	69 7/8	10052	72 7/8	10477	75 7/8	10875	78 7/8	11241	81 7/8	11571	84 7/8	11858	87 7/8	12090	90 7/8	12250				
67	9624	70	10070	73	10494	76	10891	79	11256	82	11584	85	11868	88	12098	91	12254				
67 1/8	9643	70 1/8	10089	73 1/8	10511	76 1/8	10907	79 1/8	11270	82 1/8	11597	85 1/8	11879	88 1/8	12106	91 1/8	12258				
67 1/4	9662	70 1/4	10107	73 1/4	10528	76 1/4	10922	79 1/4	11285	82 1/4	11610	85 1/4	11890	88 1/4	12114	91 1/4	12262				
67 3/8	9681	70 3/8	10125	73 3/8	10545	76 3/8	10938	79 3/8	11299	82 3/8	11622	85 3/8	11900	88 3/8	12122	91 3/8	12266				
67 1/2	9700	70 1/2	10143	73 1/2	10562	76 1/2	10954	79 1/2	11313	82 1/2	11635	85 1/2	11911	88 1/2	12130	91 1/2	12270				
67 5/8	9719	70 5/8	10161	73 5/8	10579	76 5/8	10969	79 5/8	11327	82 5/8	11647	85 5/8	11921	88 5/8	12138	91 5/8	12273				
67 3/4	9738	70 3/4	10179	73 3/4	10596	76 3/4	10985	79 3/4	11342	82 3/4	11660	85 3/4	11931	88 3/4	12145	91 3/4	12276				
67 7/8	9756	70 7/8	10197	73 7/8	10613	76 7/8	11001	79 7/8	11356	82 7/8	11672	85 7/8	11942	88 7/8	12153	91 7/8	12278				
68	9775	71	10214	74	10629	77	11016	80	11370	83	11684	86	11952	89	12160	92	12280				
68 1/8	9794	71 1/8	10232	74 1/8	10646	77 1/8	11032	80 1/8	11384	83 1/8	11696	86 1/8	11962	89 1/8	12167	92 1/8	12282				
68 1/4	9813	71 1/4	10250	74 1/4	10663	77 1/4	11047	80 1/4	11397	83 1/4	11708	86 1/4	11972	89 1/4	12174	92 1/4	12283				
68 3/8	9831	71 3/8	10268	74 3/8	10679	77 3/8	11062	80 3/8	11411	83 3/8	11720	86 3/8	11981	89 3/8	12181	92 3/8	12283				
68 1/2	9850	71 1/2	10285	74 1/2	10696	77 1/2	11077	80 1/2	11425	83 1/2	11732	86 1/2	11991	89 1/2	12187						
68 5/8	9868	71 5/8	10303	74 5/8	10712	77 5/8	11093	80 5/8	11439	83 5/8	11744	86 5/8	12000	89 5/8	12194						
68 3/4	9887	71 3/4	10321	74 3/4	10729	77 3/4	11108	80 3/4	11452	83 3/4	11756	86 3/4	12010	89 3/4	12200						
68 7/8	9906	71 7/8	10338	74 7/8	10745	77 7/8	11123	80 7/8	11466	83 7/8	11767	86 7/8	12019	89 7/8	12206						

** PRECISION IS ABOUT +/- 1%