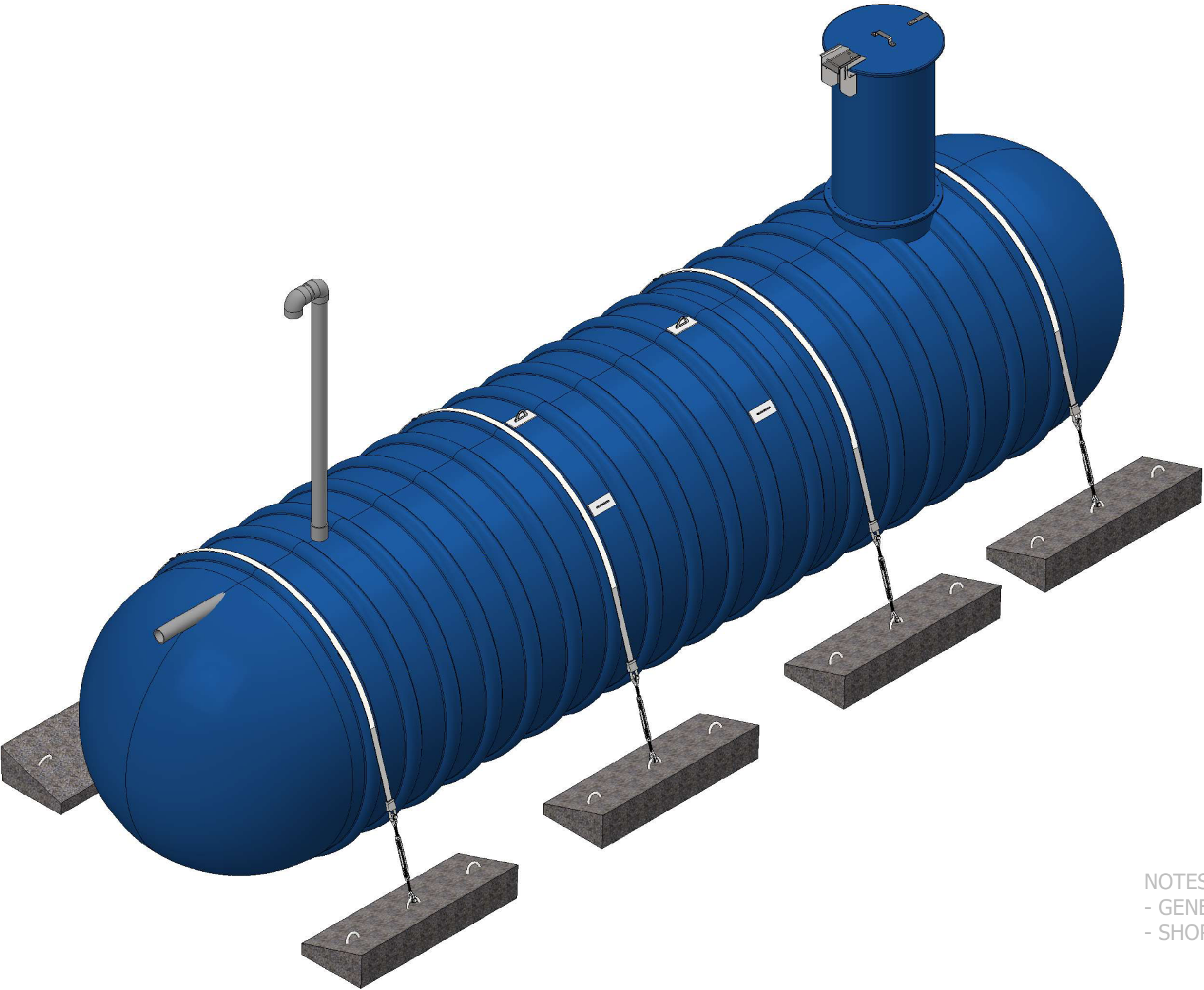


NN08180368EU
 FIBERGLASS TANK



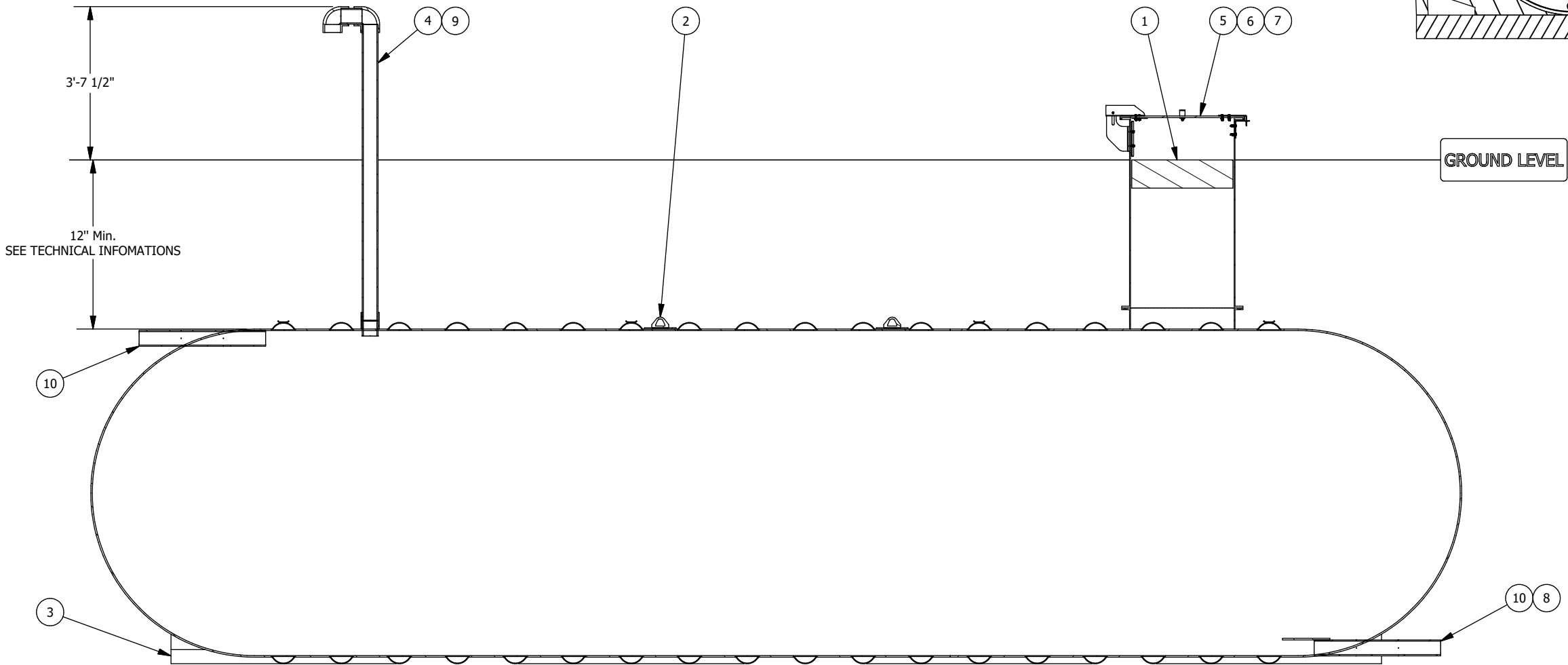
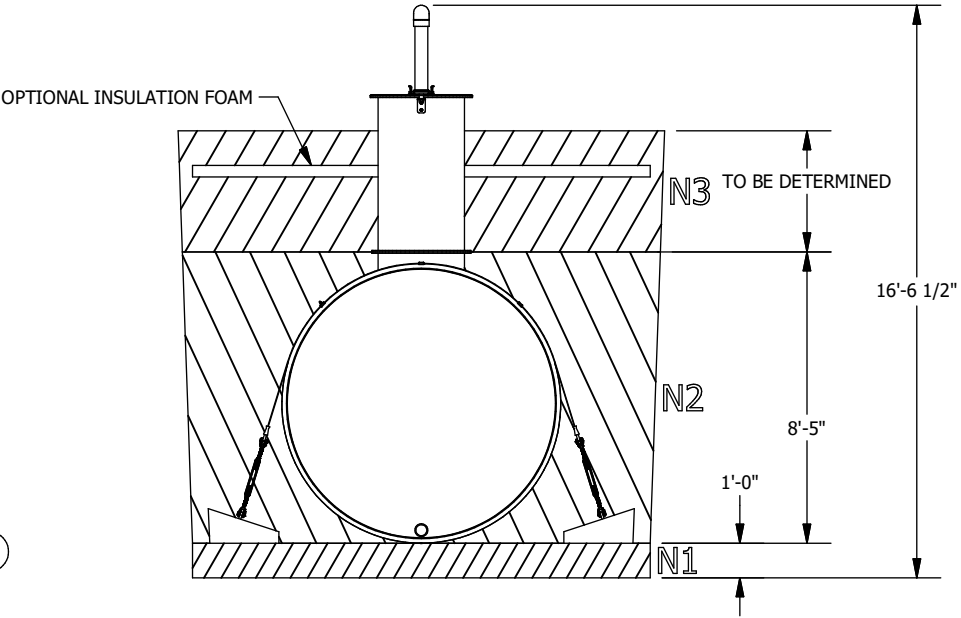
NOTES:
 - GENERIC DRAWING FOR REFERENCE ONLY
 - SHOP DRAWING AVAILABLE ON REQUEST

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TOLERANCES (LINEAR) FEET DIM. -> ± 1% 0.0 -> ± 0.5" 0.00 -> ± 0.25" 0.000 -> ± 0.125"				Revision description		
				Format B	Part no. NN08180368EU	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 : 3779 Lb		Approved by :		Title 8' Dia. TANK - 10373 US gal		
Client		# Projet				
				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

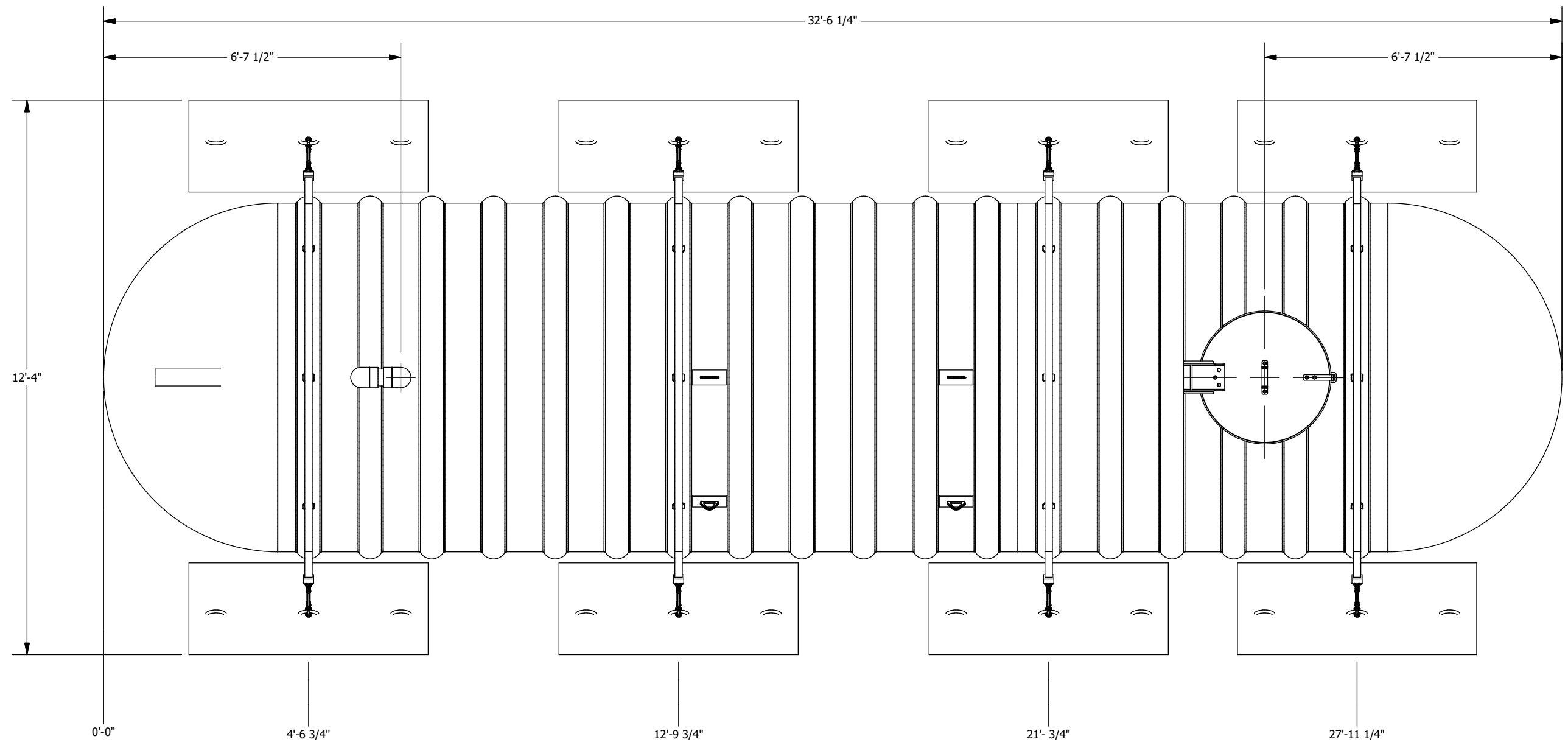
Technical informations

- 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)				Revision description	
FEET DIM. -> ± 1% 0.0 -> ± 0.5"					
0.00 -> ± 0.25" 0.000 -> ± 0.125"					
TOLERANCES (ANGULAR)		Drawn by O. Marin		Format	
0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG.				B	
0.00 -> ± 0.1 DEG.		20/12/2023		Part no. NN08180368EU	
Weight :		Approved by :		REV 02.	
3779 Lb				Title	
Client		# Projet		8' Dia. TANK - 10373 US gal	
		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 Drawn by O. Marin Approved by :			Revision description				
						Format B	Part no. NN08180368EU		REV 02.	
TOLERANCES (ANGULAR) 0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG. 0.00 -> ± 0.1 DEG.						Title 8' Dia. TANK - 10373 US gal				
Weight : 3779 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"						Format B Part no. ENSCOUR8 REV A.				
TOLERANCES (ANGULAR)			Drawn by O. Marin			04/10/2018			ANCHORING KIT	
0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG.			Approved by :			Title				
Weight :										
Client		# Projet			Sheet 4 / 4					



CAPACITY CHART FOR NN08180368 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	259	12	740	18	1358	24	2076	30	2867	36	3708	42	4579	48	5463	54	6342	60	7197
1/8	1	6 1/8	268	12 1/8	752	18 1/8	1372	24 1/8	2092	30 1/8	2884	36 1/8	3725	42 1/8	4598	48 1/8	5482	54 1/8	6360	60 1/8	7214
1/4	3	6 1/4	276	12 1/4	763	18 1/4	1386	24 1/4	2108	30 1/4	2901	36 1/4	3743	42 1/4	4616	48 1/4	5500	54 1/4	6378	60 1/4	7232
3/8	4	6 3/8	284	12 3/8	775	18 3/8	1401	24 3/8	2124	30 3/8	2918	36 3/8	3761	42 3/8	4634	48 3/8	5519	54 3/8	6396	60 3/8	7249
1/2	6	6 1/2	293	12 1/2	787	18 1/2	1415	24 1/2	2140	30 1/2	2935	36 1/2	3779	42 1/2	4653	48 1/2	5537	54 1/2	6414	60 1/2	7266
5/8	9	6 5/8	301	12 5/8	799	18 5/8	1429	24 5/8	2155	30 5/8	2952	36 5/8	3797	42 5/8	4671	48 5/8	5556	54 5/8	6433	60 5/8	7284
3/4	12	6 3/4	310	12 3/4	811	18 3/4	1443	24 3/4	2171	30 3/4	2969	36 3/4	3815	42 3/4	4690	48 3/4	5574	54 3/4	6451	60 3/4	7301
7/8	14	6 7/8	319	12 7/8	823	18 7/8	1458	24 7/8	2187	30 7/8	2987	36 7/8	3833	42 7/8	4708	48 7/8	5592	54 7/8	6469	60 7/8	7318
1	18	7	328	13	835	19	1472	25	2203	31	3004	37	3851	43	4726	49	5611	55	6487	61	7336
1 1/8	21	7 1/8	336	13 1/8	847	19 1/8	1486	25 1/8	2220	31 1/8	3021	37 1/8	3869	43 1/8	4745	49 1/8	5629	55 1/8	6505	61 1/8	7353
1 1/4	24	7 1/4	345	13 1/4	859	19 1/4	1501	25 1/4	2236	31 1/4	3038	37 1/4	3887	43 1/4	4763	49 1/4	5648	55 1/4	6523	61 1/4	7370
1 3/8	28	7 3/8	355	13 3/8	871	19 3/8	1515	25 3/8	2252	31 3/8	3056	37 3/8	3905	43 3/8	4781	49 3/8	5666	55 3/8	6541	61 3/8	7387
1 1/2	32	7 1/2	364	13 1/2	884	19 1/2	1530	25 1/2	2268	31 1/2	3073	37 1/2	3923	43 1/2	4800	49 1/2	5684	55 1/2	6559	61 1/2	7405
1 5/8	36	7 5/8	373	13 5/8	896	19 5/8	1544	25 5/8	2284	31 5/8	3090	37 5/8	3941	43 5/8	4818	49 5/8	5703	55 5/8	6577	61 5/8	7422
1 3/4	40	7 3/4	382	13 3/4	908	19 3/4	1559	25 3/4	2300	31 3/4	3108	37 3/4	3959	43 3/4	4837	49 3/4	5721	55 3/4	6595	61 3/4	7439
1 7/8	45	7 7/8	392	13 7/8	921	19 7/8	1573	25 7/8	2316	31 7/8	3125	37 7/8	3978	43 7/8	4855	49 7/8	5739	55 7/8	6613	61 7/8	7456
2	49	8	401	14	933	20	1588	26	2333	32	3142	38	3996	44	4874	50	5758	56	6631	62	7473
2 1/8	54	8 1/8	411	14 1/8	946	20 1/8	1603	26 1/8	2349	32 1/8	3160	38 1/8	4014	44 1/8	4892	50 1/8	5776	56 1/8	6648	62 1/8	7490
2 1/4	59	8 1/4	420	14 1/4	958	20 1/4	1617	26 1/4	2365	32 1/4	3177	38 1/4	4032	44 1/4	4910	50 1/4	5795	56 1/4	6666	62 1/4	7507
2 3/8	64	8 3/8	430	14 3/8	971	20 3/8	1632	26 3/8	2382	32 3/8	3195	38 3/8	4050	44 3/8	4929	50 3/8	5813	56 3/8	6684	62 3/8	7524
2 1/2	69	8 1/2	440	14 1/2	984	20 1/2	1647	26 1/2	2398	32 1/2	3212	38 1/2	4068	44 1/2	4947	50 1/2	5831	56 1/2	6702	62 1/2	7541
2 5/8	74	8 5/8	449	14 5/8	996	20 5/8	1662	26 5/8	2414	32 5/8	3229	38 5/8	4086	44 5/8	4966	50 5/8	5850	56 5/8	6720	62 5/8	7558
2 3/4	80	8 3/4	459	14 3/4	1009	20 3/4	1677	26 3/4	2431	32 3/4	3247	38 3/4	4104	44 3/4	4984	50 3/4	5868	56 3/4	6738	62 3/4	7575
2 7/8	85	8 7/8	469	14 7/8	1022	20 7/8	1692	26 7/8	2447	32 7/8	3264	38 7/8	4123	44 7/8	5003	50 7/8	5886	56 7/8	6756	62 7/8	7592
3	91	9	479	15	1035	21	1707	27	2464	33	3282	39	4141	45	5021	51	5905	57	6774	63	7609
3 1/8	97	9 1/8	489	15 1/8	1048	21 1/8	1722	27 1/8	2480	33 1/8	3300	39 1/8	4159	45 1/8	5039	51 1/8	5923	57 1/8	6791	63 1/8	7626
3 1/4	102	9 1/4	500	15 1/4	1061	21 1/4	1737	27 1/4	2497	33 1/4	3317	39 1/4	4177	45 1/4	5058	51 1/4	5941	57 1/4	6809	63 1/4	7643
3 3/8	108	9 3/8	510	15 3/8	1074	21 3/8	1752	27 3/8	2513	33 3/8	3335	39 3/8	4195	45 3/8	5076	51 3/8	5960	57 3/8	6827	63 3/8	7660
3 1/2	115	9 1/2	520	15 1/2	1087	21 1/2	1767	27 1/2	2530	33 1/2	3352	39 1/2	4214	45 1/2	5095	51 1/2	5978	57 1/2	6845	63 1/2	7677
3 5/8	121	9 5/8	531	15 5/8	1100	21 5/8	1782	27 5/8	2546	33 5/8	3370	39 5/8	4232	45 5/8	5113	51 5/8	5996	57 5/8	6863	63 5/8	7694
3 3/4	127	9 3/4	541	15 3/4	1113	21 3/4	1797	27 3/4	2563	33 3/4	3388	39 3/4	4250	45 3/4	5132	51 3/4	6014	57 3/4	6880	63 3/4	7710
3 7/8	134	9 7/8	552	15 7/8	1126	21 7/8	1812	27 7/8	2580	33 7/8	3405	39 7/8	4268	45 7/8	5150	51 7/8	6033	57 7/8	6898	63 7/8	7727
4	140	10	562	16	1140	22	1828	28	2596	34	3423	40	4286	46	5169	52	6051	58	6916	64	7744
4 1/8	147	10 1/8	573	16 1/8	1153	22 1/8	1843	28 1/8	2613	34 1/8	3441	40 1/8	4305	46 1/8	5187	52 1/8	6069	58 1/8	6933	64 1/8	7761
4 1/4	154	10 1/4	583	16 1/4	1166	22 1/4	1858	28 1/4	2630	34 1/4	3458	40 1/4	4323	46 1/4	5205	52 1/4	6087	58 1/4	6951	64 1/4	7777
4 3/8	161	10 3/8	594	16 3/8	1180	22 3/8	1874	28 3/8	2647	34 3/8	3476	40 3/8	4341	46 3/8	5224	52 3/8	6106	58 3/8	6969	64 3/8	7794
4 1/2	168	10 1/2	605	16 1/2	1193	22 1/2	1889	28 1/2	2663	34 1/2	3494	40 1/2	4359	46 1/2	5242	52 1/2	6124	58 1/2	6986	64 1/2	7811
4 5/8	175	10 5/8	616	16 5/8	1207	22 5/8	1904	28 5/8	2680	34 5/8	3511	40 5/8	4378	46 5/8	5261	52 5/8	6142	58 5/8	7004	64 5/8	7827
4 3/4	182	10 3/4	627	16 3/4	1220	22 3/4	1920	28 3/4	2697	34 3/4	3529	40 3/4	4396	46 3/4	5279	52 3/4	6160	58 3/4	7022	64 3/4	7844
4 7/8	189	10 7/8	638	16 7/8	1234	22 7/8	1935	28 7/8	2714	34 7/8	3547	40 7/8	4414	46 7/8	5298	52 7/8	6179	58 7/8	7039	64 7/8	7861
5	197	11	649	17	1248	23	1951	29	2731	35	3565	41	4433	47	5316	53	6197	59	7057	65	7877
5 1/8	204	11 1/8	660	17 1/8	1261	23 1/8	1966	29 1/8	2748	35 1/8	3582	41 1/8	4451	47 1/8	5334	53 1/8	6215	59 1/8	7074	65 1/8	7894
5 1/4	212	11 1/4	671	17 1/4	1275	23 1/4	1982	29 1/4	2765	35 1/4	3600	41 1/4	4469	47 1/4	5353	53 1/4	6233	59 1/4	7092	65 1/4	7910
5 3/8	219	11 3/8	683	17 3/8	1289	23 3/8	1998	29 3/8	2782	35 3/8	3618	41 3/8	4488	47 3/8	5371	53 3/8	6251	59 3/8	7109	65 3/8	7927
5 1/2	227	11 1/2	694	17 1/2	1303	23 1/2	2013	29 1/2	2798	35 1/2	3636	41 1/2	4506	47 1/2	5390	53 1/2	6270	59 1/2	7127	65 1/2	7943
5 5/8	235	11 5/8	706	17 5/8	1316	23 5/8	2029	29 5/8	2815	35 5/8	3654	41 5/8	4524	47 5/8	5408	53 5/8	6288	59 5/8	7144	65 5/8	7960
5 3/4	243	11 3/4	717	17 3/4	1330	23 3/4	2045	29 3/4	2832	35 3/4	3672	41 3/4	4543	47 3/4	5427	53 3/4	6306	59 3/4	7162	65 3/4	7976
5 7/8	251	11 7/8	728	17 7/8	1344	23 7/8	2060	29 7/8	2849	35 7/8	3690	41 7/8	4561	47 7/8	5445	53 7/8	6324	59 7/8	7179	65 7/8	7992

** PRECISION IS ABOUT +/- 1%



CAPACITY CHART FOR NN08180368 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	8009	69	8392	72	8756	75	9099	78	9416	81	9702	84	9954	87	10162	90	10315				
66 1/8	8025	69 1/8	8408	72 1/8	8771	75 1/8	9113	78 1/8	9428	81 1/8	9714	84 1/8	9963	87 1/8	10170	90 1/8	10320				
66 1/4	8041	69 1/4	8423	72 1/4	8786	75 1/4	9126	78 1/4	9441	81 1/4	9725	84 1/4	9973	87 1/4	10177	90 1/4	10325				
66 3/8	8057	69 3/8	8439	72 3/8	8801	75 3/8	9140	78 3/8	9453	81 3/8	9736	84 3/8	9982	87 3/8	10185	90 3/8	10329				
66 1/2	8074	69 1/2	8454	72 1/2	8815	75 1/2	9154	78 1/2	9466	81 1/2	9747	84 1/2	9992	87 1/2	10192	90 1/2	10334				
66 5/8	8090	69 5/8	8470	72 5/8	8830	75 5/8	9167	78 5/8	9478	81 5/8	9758	84 5/8	10001	87 5/8	10199	90 5/8	10338				
66 3/4	8106	69 3/4	8485	72 3/4	8844	75 3/4	9181	78 3/4	9490	81 3/4	9769	84 3/4	10010	87 3/4	10206	90 3/4	10342				
66 7/8	8122	69 7/8	8500	72 7/8	8859	75 7/8	9194	78 7/8	9503	81 7/8	9780	84 7/8	10019	87 7/8	10213	90 7/8	10346				
67	8138	70	8516	73	8873	76	9208	79	9515	82	9790	85	10028	88	10220	91	10350				
67 1/8	8154	70 1/8	8531	73 1/8	8888	76 1/8	9221	79 1/8	9527	82 1/8	9801	85 1/8	10037	88 1/8	10227	91 1/8	10353				
67 1/4	8170	70 1/4	8546	73 1/4	8902	76 1/4	9234	79 1/4	9539	82 1/4	9812	85 1/4	10046	88 1/4	10234	91 1/4	10356				
67 3/8	8186	70 3/8	8562	73 3/8	8916	76 3/8	9248	79 3/8	9551	82 3/8	9822	85 3/8	10055	88 3/8	10240	91 3/8	10359				
67 1/2	8202	70 1/2	8577	73 1/2	8931	76 1/2	9261	79 1/2	9563	82 1/2	9833	85 1/2	10064	88 1/2	10247	91 1/2	10362				
67 5/8	8218	70 5/8	8592	73 5/8	8945	76 5/8	9274	79 5/8	9575	82 5/8	9843	85 5/8	10073	88 5/8	10253	91 5/8	10365				
67 3/4	8234	70 3/4	8607	73 3/4	8959	76 3/4	9287	79 3/4	9587	82 3/4	9854	85 3/4	10081	88 3/4	10259	91 3/4	10367				
67 7/8	8250	70 7/8	8622	73 7/8	8973	76 7/8	9300	79 7/8	9599	82 7/8	9864	85 7/8	10090	88 7/8	10265	91 7/8	10370				
68	8266	71	8637	74	8987	77	9313	80	9610	83	9874	86	10098	89	10271	92	10371				
68 1/8	8282	71 1/8	8652	74 1/8	9002	77 1/8	9326	80 1/8	9622	83 1/8	9884	86 1/8	10106	89 1/8	10277	92 1/8	10373				
68 1/4	8298	71 1/4	8667	74 1/4	9016	77 1/4	9339	80 1/4	9634	83 1/4	9895	86 1/4	10115	89 1/4	10283	92 1/4	10373				
68 3/8	8314	71 3/8	8682	74 3/8	9030	77 3/8	9352	80 3/8	9645	83 3/8	9905	86 3/8	10123	89 3/8	10289	92 3/8	10373				
68 1/2	8329	71 1/2	8697	74 1/2	9044	77 1/2	9365	80 1/2	9657	83 1/2	9915	86 1/2	10131	89 1/2	10294						
68 5/8	8345	71 5/8	8712	74 5/8	9057	77 5/8	9378	80 5/8	9668	83 5/8	9924	86 5/8	10139	89 5/8	10300						
68 3/4	8361	71 3/4	8727	74 3/4	9071	77 3/4	9390	80 3/4	9680	83 3/4	9934	86 3/4	10147	89 3/4	10305						
68 7/8	8376	71 7/8	8742	74 7/8	9085	77 7/8	9403	80 7/8	9691	83 7/8	9944	86 7/8	10154	89 7/8	10310						

** PRECISION IS ABOUT +/- 1%