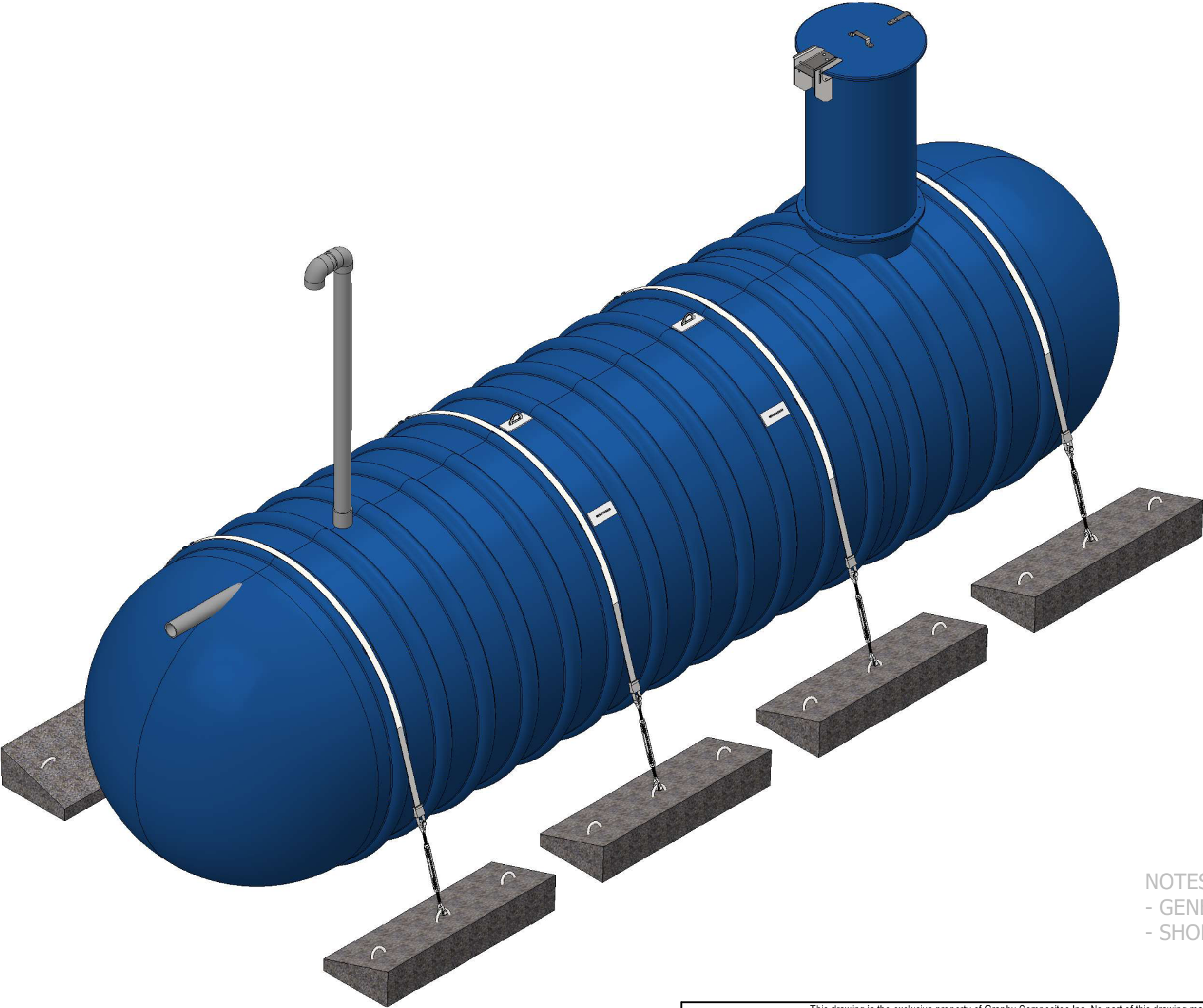


NN08160331EU

FIBERGLASS TANK



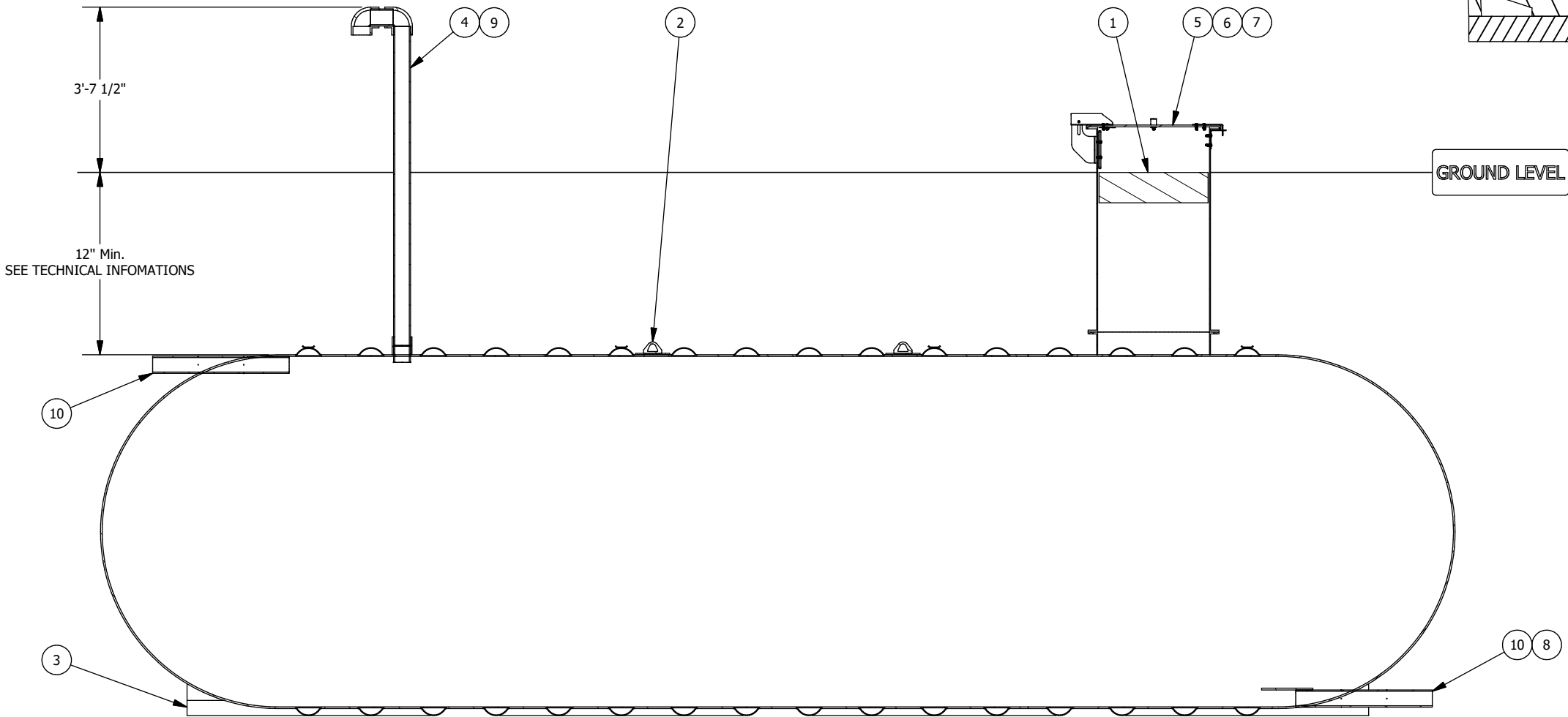
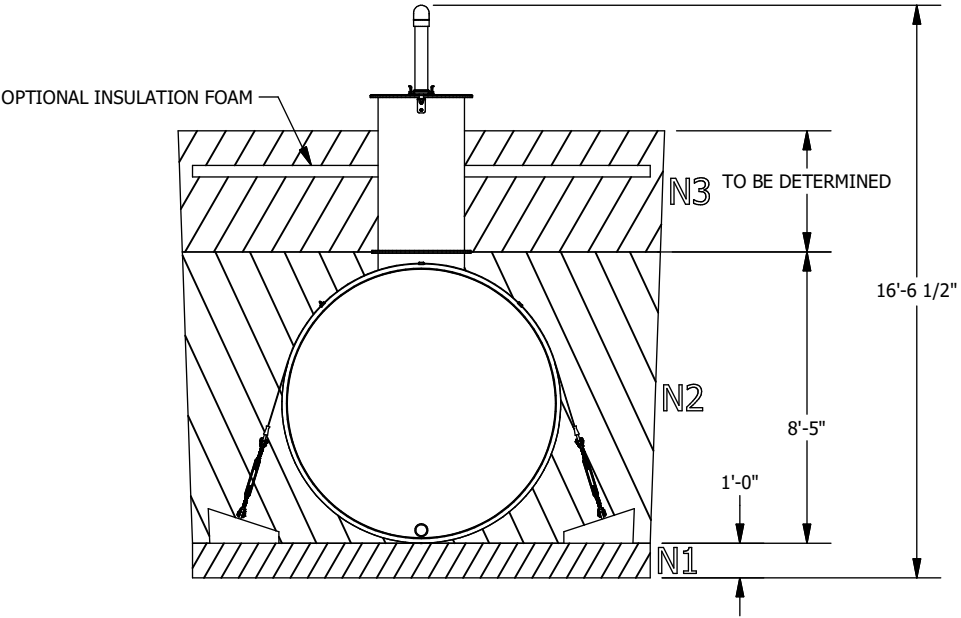
NOTES:
 - GENERIC DRAWING FOR REFERENCE ONLY
 - SHOP DRAWING AVAILABLE ON REQUEST

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TOLERANCES (LINEAR)				Revision description	
FEET DIM. -> ± 1% 0.0 -> ± 0.5"				Format B	Part no. NN08160331EU
TOLERANCES (ANGULAR)		Drawn by O. Marin		20/12/2023	
0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG.					
Weight : 3478 Lb		Approved by :		Title 8' Dia. TANK - 9419 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

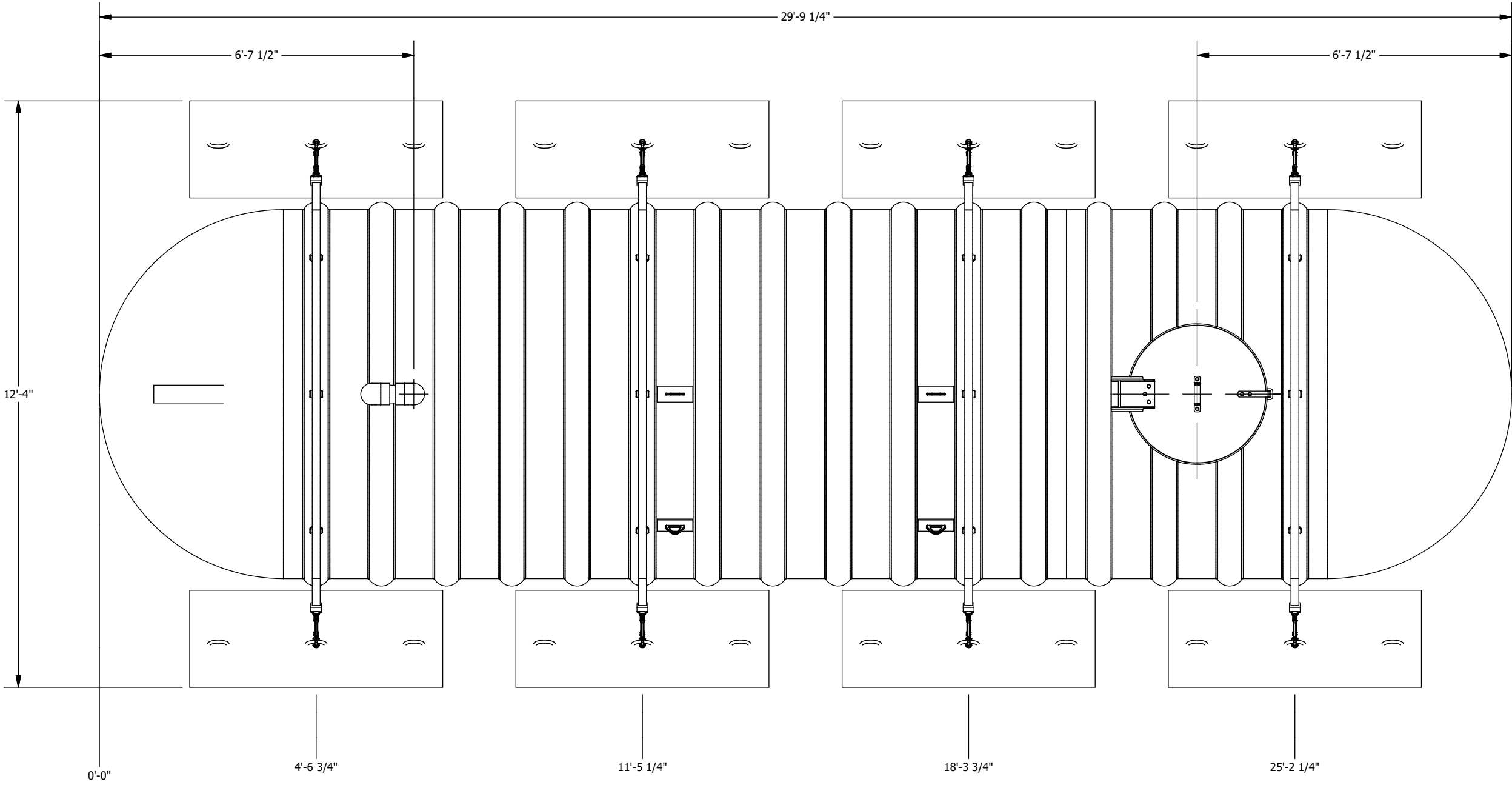
Technical informations

- 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"				Format B Part no. NN08160331EU REV 02.	
TOLERANCES (ANGULAR)		Drawn by O. Marin 20/12/2023		Title 8' Dia. TANK - 9419 US gal	
0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG.					
Weight : 3478 Lb		Approved by :			
Client	# Project		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		
TOLERANCES (ANGULAR) 0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG. 0.00 -> ± 0.1 DEG.				Format B	Part no. NN08160331EU	REV 02 .
Weight : 3478 Lb		Drawn by O. Marin		20/12/2023		Title 8' Dia. TANK - 9419 US gal
Approved by :						
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							
0.0 -> ± 0.5 DEG.			04/10/2018							
Weight :			Approved by :			ANCHORING KIT				
Client		# Projet			Sheet					
					4 / 4					



CAPACITY CHART FOR NN08160331 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	233	12	667	18	1227	24	1879	30	2597	36	3362	42	4156	48	4961	54	5761	60	6539
1/8	1	6 1/8	240	12 1/8	678	18 1/8	1240	24 1/8	1893	30 1/8	2613	36 1/8	3379	42 1/8	4173	48 1/8	4978	54 1/8	5778	60 1/8	6555
1/4	2	6 1/4	248	12 1/4	688	18 1/4	1253	24 1/4	1907	30 1/4	2628	36 1/4	3395	42 1/4	4190	48 1/4	4995	54 1/4	5794	60 1/4	6571
3/8	4	6 3/8	255	12 3/8	699	18 3/8	1265	24 3/8	1922	30 3/8	2644	36 3/8	3411	42 3/8	4206	48 3/8	5012	54 3/8	5811	60 3/8	6587
1/2	6	6 1/2	263	12 1/2	710	18 1/2	1278	24 1/2	1936	30 1/2	2659	36 1/2	3428	42 1/2	4223	48 1/2	5028	54 1/2	5827	60 1/2	6603
5/8	8	6 5/8	271	12 5/8	720	18 5/8	1291	24 5/8	1951	30 5/8	2675	36 5/8	3444	42 5/8	4240	48 5/8	5045	54 5/8	5844	60 5/8	6618
3/4	10	6 3/4	279	12 3/4	731	18 3/4	1304	24 3/4	1965	30 3/4	2691	36 3/4	3460	42 3/4	4257	48 3/4	5062	54 3/4	5860	60 3/4	6634
7/8	13	6 7/8	287	12 7/8	742	18 7/8	1317	24 7/8	1980	30 7/8	2706	36 7/8	3477	42 7/8	4273	48 7/8	5079	54 7/8	5877	60 7/8	6650
1	16	7	294	13	753	19	1330	25	1994	31	2722	37	3493	43	4290	49	5096	55	5893	61	6666
1 1/8	19	7 1/8	303	13 1/8	764	19 1/8	1343	25 1/8	2009	31 1/8	2738	37 1/8	3510	43 1/8	4307	49 1/8	5112	55 1/8	5909	61 1/8	6681
1 1/4	22	7 1/4	311	13 1/4	775	19 1/4	1356	25 1/4	2024	31 1/4	2753	37 1/4	3526	43 1/4	4324	49 1/4	5129	55 1/4	5926	61 1/4	6697
1 3/8	25	7 3/8	319	13 3/8	786	19 3/8	1369	25 3/8	2038	31 3/8	2769	37 3/8	3542	43 3/8	4340	49 3/8	5146	55 3/8	5942	61 3/8	6713
1 1/2	29	7 1/2	327	13 1/2	797	19 1/2	1382	25 1/2	2053	31 1/2	2785	37 1/2	3559	43 1/2	4357	49 1/2	5163	55 1/2	5959	61 1/2	6728
1 5/8	32	7 5/8	335	13 5/8	808	19 5/8	1396	25 5/8	2068	31 5/8	2801	37 5/8	3575	43 5/8	4374	49 5/8	5179	55 5/8	5975	61 5/8	6744
1 3/4	36	7 3/4	344	13 3/4	819	19 3/4	1409	25 3/4	2082	31 3/4	2816	37 3/4	3592	43 3/4	4391	49 3/4	5196	55 3/4	5991	61 3/4	6760
1 7/8	40	7 7/8	352	13 7/8	830	19 7/8	1422	25 7/8	2097	31 7/8	2832	37 7/8	3608	43 7/8	4407	49 7/8	5213	55 7/8	6008	61 7/8	6775
2	44	8	361	14	842	20	1435	26	2112	32	2848	38	3625	44	4424	50	5229	56	6024	62	6791
2 1/8	48	8 1/8	369	14 1/8	853	20 1/8	1449	26 1/8	2127	32 1/8	2864	38 1/8	3641	44 1/8	4441	50 1/8	5246	56 1/8	6040	62 1/8	6806
2 1/4	53	8 1/4	378	14 1/4	864	20 1/4	1462	26 1/4	2141	32 1/4	2880	38 1/4	3658	44 1/4	4458	50 1/4	5263	56 1/4	6057	62 1/4	6822
2 3/8	57	8 3/8	387	14 3/8	876	20 3/8	1476	26 3/8	2156	32 3/8	2896	38 3/8	3674	44 3/8	4474	50 3/8	5280	56 3/8	6073	62 3/8	6837
2 1/2	62	8 1/2	396	14 1/2	887	20 1/2	1489	26 1/2	2171	32 1/2	2911	38 1/2	3691	44 1/2	4491	50 1/2	5296	56 1/2	6089	62 1/2	6853
2 5/8	66	8 5/8	404	14 5/8	899	20 5/8	1502	26 5/8	2186	32 5/8	2927	38 5/8	3707	44 5/8	4508	50 5/8	5313	56 5/8	6105	62 5/8	6868
2 3/4	71	8 3/4	413	14 3/4	911	20 3/4	1516	26 3/4	2201	32 3/4	2943	38 3/4	3724	44 3/4	4525	50 3/4	5330	56 3/4	6122	62 3/4	6884
2 7/8	76	8 7/8	422	14 7/8	922	20 7/8	1530	26 7/8	2216	32 7/8	2959	38 7/8	3740	44 7/8	4542	50 7/8	5346	56 7/8	6138	62 7/8	6899
3	81	9	431	15	934	21	1543	27	2231	33	2975	39	3757	45	4558	51	5363	57	6154	63	6915
3 1/8	87	9 1/8	441	15 1/8	946	21 1/8	1557	27 1/8	2246	33 1/8	2991	39 1/8	3773	45 1/8	4575	51 1/8	5380	57 1/8	6170	63 1/8	6930
3 1/4	92	9 1/4	450	15 1/4	957	21 1/4	1570	27 1/4	2261	33 1/4	3007	39 1/4	3790	45 1/4	4592	51 1/4	5396	57 1/4	6187	63 1/4	6945
3 3/8	97	9 3/8	459	15 3/8	969	21 3/8	1584	27 3/8	2276	33 3/8	3023	39 3/8	3807	45 3/8	4609	51 3/8	5413	57 3/8	6203	63 3/8	6961
3 1/2	103	9 1/2	468	15 1/2	981	21 1/2	1598	27 1/2	2291	33 1/2	3039	39 1/2	3823	45 1/2	4626	51 1/2	5430	57 1/2	6219	63 1/2	6976
3 5/8	108	9 5/8	478	15 5/8	993	21 5/8	1612	27 5/8	2306	33 5/8	3055	39 5/8	3840	45 5/8	4642	51 5/8	5446	57 5/8	6235	63 5/8	6991
3 3/4	114	9 3/4	487	15 3/4	1005	21 3/4	1625	27 3/4	2321	33 3/4	3071	39 3/4	3856	45 3/4	4659	51 3/4	5463	57 3/4	6251	63 3/4	7007
3 7/8	120	9 7/8	497	15 7/8	1017	21 7/8	1639	27 7/8	2336	33 7/8	3087	39 7/8	3873	45 7/8	4676	51 7/8	5480	57 7/8	6267	63 7/8	7022
4	126	10	506	16	1029	22	1653	28	2352	34	3103	40	3890	46	4693	52	5496	58	6284	64	7037
4 1/8	132	10 1/8	516	16 1/8	1041	22 1/8	1667	28 1/8	2367	34 1/8	3119	40 1/8	3906	46 1/8	4710	52 1/8	5513	58 1/8	6300	64 1/8	7052
4 1/4	138	10 1/4	525	16 1/4	1053	22 1/4	1681	28 1/4	2382	34 1/4	3136	40 1/4	3923	46 1/4	4726	52 1/4	5530	58 1/4	6316	64 1/4	7067
4 3/8	144	10 3/8	535	16 3/8	1065	22 3/8	1695	28 3/8	2397	34 3/8	3152	40 3/8	3939	46 3/8	4743	52 3/8	5546	58 3/8	6332	64 3/8	7083
4 1/2	150	10 1/2	545	16 1/2	1077	22 1/2	1709	28 1/2	2412	34 1/2	3168	40 1/2	3956	46 1/2	4760	52 1/2	5563	58 1/2	6348	64 1/2	7098
4 5/8	157	10 5/8	555	16 5/8	1090	22 5/8	1723	28 5/8	2428	34 5/8	3184	40 5/8	3973	46 5/8	4777	52 5/8	5579	58 5/8	6364	64 5/8	7113
4 3/4	163	10 3/4	565	16 3/4	1102	22 3/4	1737	28 3/4	2443	34 3/4	3200	40 3/4	3989	46 3/4	4794	52 3/4	5596	58 3/4	6380	64 3/4	7128
4 7/8	170	10 7/8	575	16 7/8	1114	22 7/8	1751	28 7/8	2458	34 7/8	3216	40 7/8	4006	46 7/8	4810	52 7/8	5613	58 7/8	6396	64 7/8	7143
5	177	11	585	17	1127	23	1765	29	2474	35	3232	41	4023	47	4827	53	5629	59	6412	65	7158
5 1/8	183	11 1/8	595	17 1/8	1139	23 1/8	1779	29 1/8	2489	35 1/8	3249	41 1/8	4039	47 1/8	4844	53 1/8	5646	59 1/8	6428	65 1/8	7173
5 1/4	190	11 1/4	605	17 1/4	1152	23 1/4	1793	29 1/4	2504	35 1/4	3265	41 1/4	4056	47 1/4	4861	53 1/4	5662	59 1/4	6444	65 1/4	7188
5 3/8	197	11 3/8	615	17 3/8	1164	23 3/8	1807	29 3/8	2520	35 3/8	3281	41 3/8	4073	47 3/8	4877	53 3/8	5679	59 3/8	6460	65 3/8	7203
5 1/2	204	11 1/2	625	17 1/2	1177	23 1/2	1822	29 1/2	2535	35 1/2	3297	41 1/2	4089	47 1/2	4894	53 1/2	5695	59 1/2	6476	65 1/2	7218
5 5/8	211	11 5/8	636	17 5/8	1189	23 5/8	1836	29 5/8	2551	35 5/8	3314	41 5/8	4106	47 5/8	4911	53 5/8	5712	59 5/8	6492	65 5/8	7233
5 3/4	218	11 3/4	646	17 3/4	1202	23 3/4	1850	29 3/4	2566	35 3/4	3330	41 3/4	4123	47 3/4	4928	53 3/4	5728	59 3/4	6508	65 3/4	7248
5 7/8	226	11 7/8	657	17 7/8	1214	23 7/8	1864	29 7/8	2582	35 7/8	3346	41 7/8	4139	47 7/8	4945	53 7/8	5745	59 7/8	6523	65 7/8	7263

** PRECISION IS ABOUT +/- 1%



CAPACITY CHART FOR NN08160331 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	7278	69	7626	72	7957	75	8268	78	8555	81	8814	84	9041	87	9229	90	9366				
66 1/8	7292	69 1/8	7640	72 1/8	7970	75 1/8	8280	78 1/8	8566	81 1/8	8824	84 1/8	9050	87 1/8	9236	90 1/8	9371				
66 1/4	7307	69 1/4	7654	72 1/4	7984	75 1/4	8292	78 1/4	8577	81 1/4	8834	84 1/4	9058	87 1/4	9243	90 1/4	9375				
66 3/8	7322	69 3/8	7668	72 3/8	7997	75 3/8	8305	78 3/8	8589	81 3/8	8844	84 3/8	9067	87 3/8	9249	90 3/8	9379				
66 1/2	7337	69 1/2	7682	72 1/2	8010	75 1/2	8317	78 1/2	8600	81 1/2	8854	84 1/2	9075	87 1/2	9256	90 1/2	9383				
66 5/8	7351	69 5/8	7696	72 5/8	8023	75 5/8	8329	78 5/8	8611	81 5/8	8864	84 5/8	9084	87 5/8	9262	90 5/8	9387				
66 3/4	7366	69 3/4	7710	72 3/4	8037	75 3/4	8342	78 3/4	8622	81 3/4	8874	84 3/4	9092	87 3/4	9269	90 3/4	9390				
66 7/8	7381	69 7/8	7724	72 7/8	8050	75 7/8	8354	78 7/8	8633	81 7/8	8884	84 7/8	9100	87 7/8	9275	90 7/8	9394				
67	7395	70	7738	73	8063	76	8366	79	8644	82	8894	85	9108	88	9281	91	9397				
67 1/8	7410	70 1/8	7752	73 1/8	8076	76 1/8	8378	79 1/8	8655	82 1/8	8903	85 1/8	9117	88 1/8	9287	91 1/8	9400				
67 1/4	7425	70 1/4	7766	73 1/4	8089	76 1/4	8390	79 1/4	8666	82 1/4	8913	85 1/4	9125	88 1/4	9293	91 1/4	9403				
67 3/8	7439	70 3/8	7780	73 3/8	8102	76 3/8	8402	79 3/8	8677	82 3/8	8922	85 3/8	9133	88 3/8	9299	91 3/8	9406				
67 1/2	7454	70 1/2	7794	73 1/2	8115	76 1/2	8414	79 1/2	8688	82 1/2	8932	85 1/2	9140	88 1/2	9305	91 1/2	9409				
67 5/8	7468	70 5/8	7808	73 5/8	8128	76 5/8	8426	79 5/8	8699	82 5/8	8941	85 5/8	9148	88 5/8	9311	91 5/8	9411				
67 3/4	7483	70 3/4	7821	73 3/4	8141	76 3/4	8438	79 3/4	8710	82 3/4	8951	85 3/4	9156	88 3/4	9316	91 3/4	9413				
67 7/8	7497	70 7/8	7835	73 7/8	8154	76 7/8	8450	79 7/8	8720	82 7/8	8960	85 7/8	9164	88 7/8	9322	91 7/8	9415				
68	7512	71	7849	74	8166	77	8462	80	8731	83	8969	86	9171	89	9327	92	9417				
68 1/8	7526	71 1/8	7862	74 1/8	8179	77 1/8	8474	80 1/8	8741	83 1/8	8979	86 1/8	9179	89 1/8	9333	92 1/8	9418				
68 1/4	7540	71 1/4	7876	74 1/4	8192	77 1/4	8485	80 1/4	8752	83 1/4	8988	86 1/4	9186	89 1/4	9338	92 1/4	9419				
68 3/8	7555	71 3/8	7890	74 3/8	8205	77 3/8	8497	80 3/8	8762	83 3/8	8997	86 3/8	9193	89 3/8	9343	92 3/8	9419				
68 1/2	7569	71 1/2	7903	74 1/2	8217	77 1/2	8509	80 1/2	8773	83 1/2	9006	86 1/2	9201	89 1/2	9348						
68 5/8	7583	71 5/8	7917	74 5/8	8230	77 5/8	8520	80 5/8	8783	83 5/8	9015	86 5/8	9208	89 5/8	9353						
68 3/4	7598	71 3/4	7930	74 3/4	8243	77 3/4	8532	80 3/4	8794	83 3/4	9024	86 3/4	9215	89 3/4	9357						
68 7/8	7612	71 7/8	7943	74 7/8	8255	77 7/8	8543	80 7/8	8804	83 7/8	9032	86 7/8	9222	89 7/8	9362						

** PRECISION IS ABOUT +/- 1%