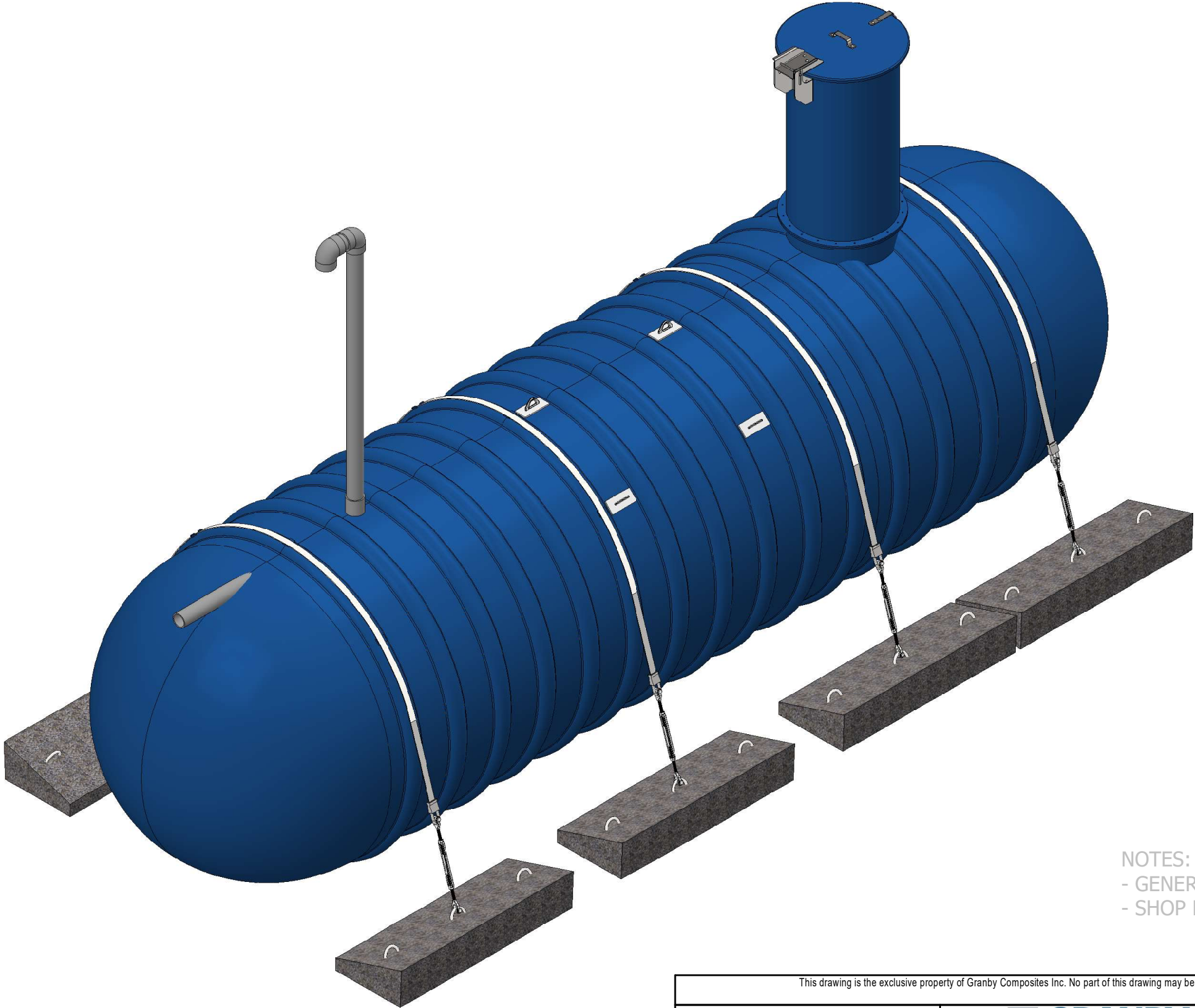


NN08150313EU
 FIBERGLASS TANK



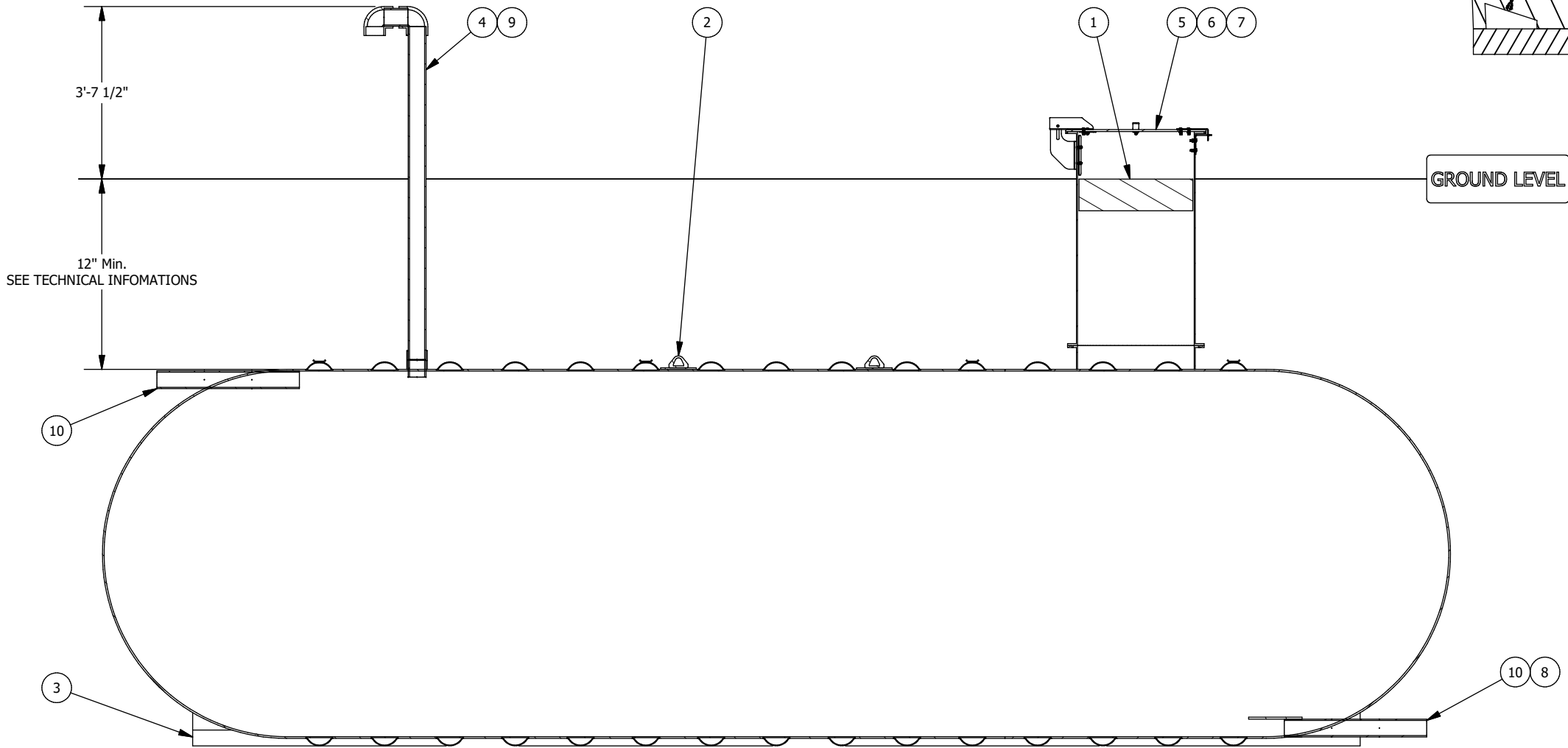
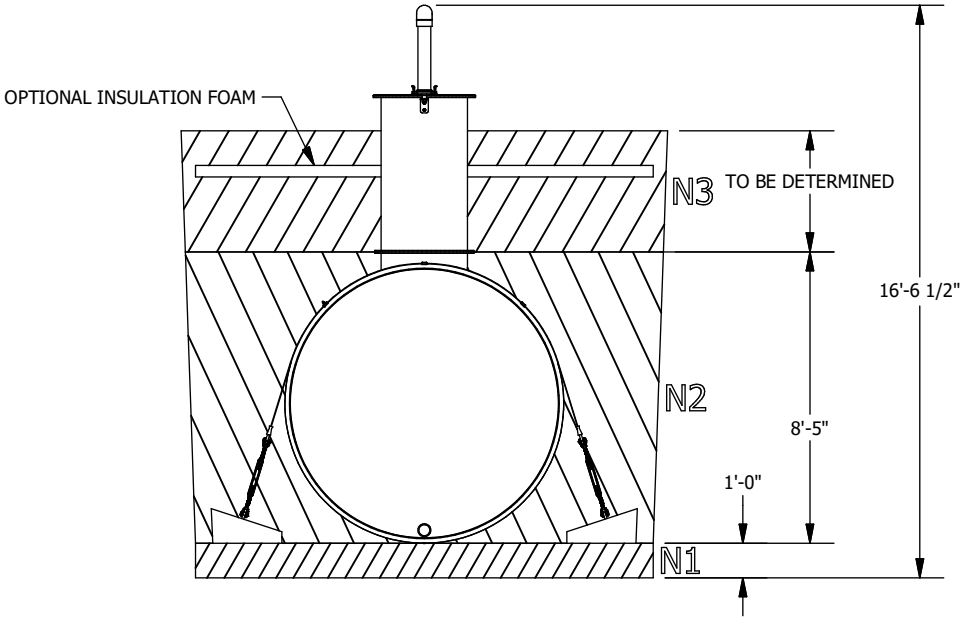
NOTES:
 - GENERIC DRAWING FOR REFERENCE ONLY
 - SHOP DRAWING AVAILABLE ON REQUEST

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TOLERANCES (LINEAR)		 GRANBY COMPOSITES		Revision description		
FEET DIM. -> ±1% 0.0 -> ±0.5"				Format B		Part no. NN08150313EU
TOLERANCES (ANGULAR)		Drawn by O. Marin		20/12/2023		Title 8' Dia. TANK - 8941 US gal
0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG.		Approved by :				
Weight : 3327 Lb						
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

Technical informations

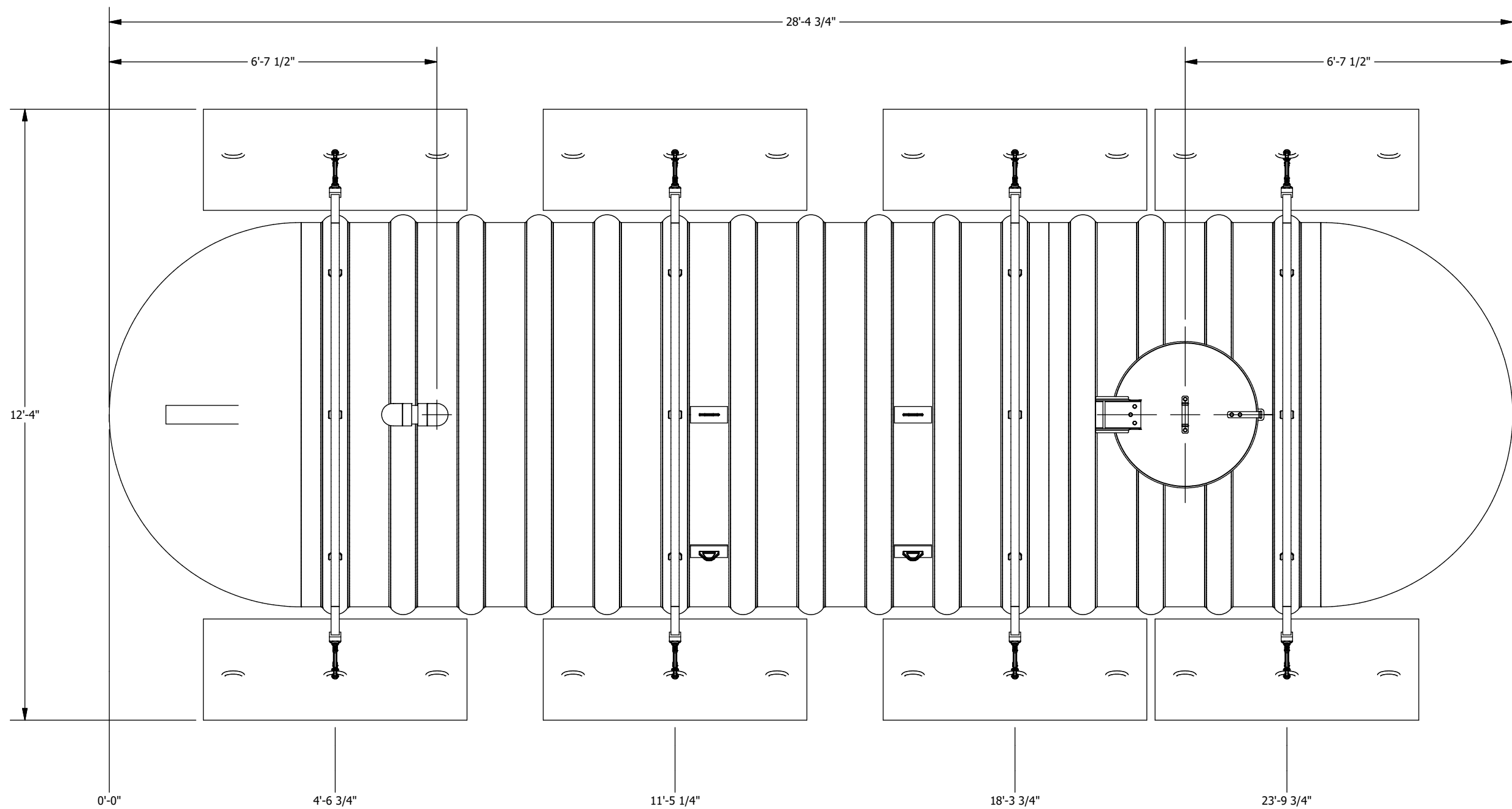
- Burrial depth: According to the geotechnical installation conditions
- Inside Diameter : 92.25"
- (If required) Quantity of fiberglass anchoring straps : 4
- (If required) Quantity of reinforced concrete deadman anchors : 8
- Simultaneous lifting by 2 lugs. The angle of the (chains or belts, etc.) 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.

SECTION ELEVATION VIEW

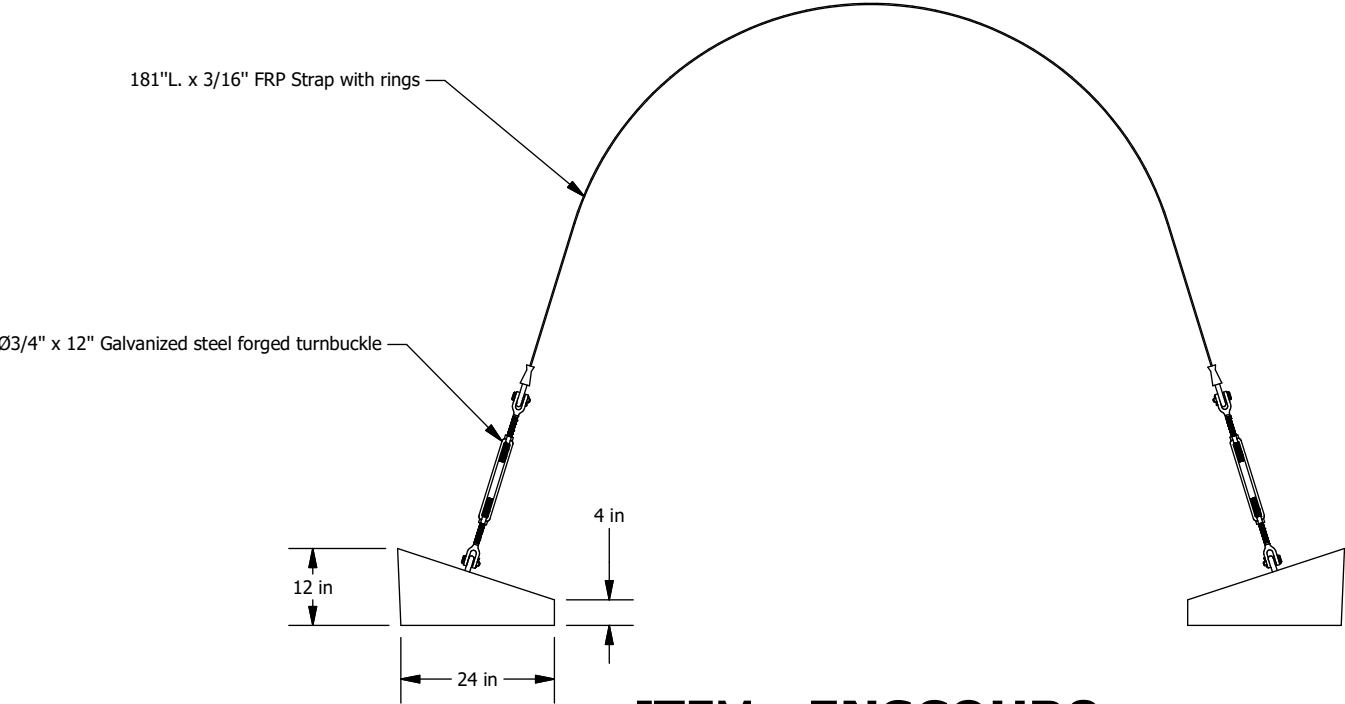
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TOLERANCES (LINEAR) FEET DIM. -> ± 1% 0.0 -> ± 0.5" 0.00 -> ± 0.25" 0.000 -> ± 0.125"			Revision description		
			Format B	Part no. NN08150313EU	REV 02.
TOLERANCES (ANGULAR) 0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG. 0.00 -> ± 0.1 DEG.		Drawn by O. Marin	20/12/2023		
Weight : 3327 Lb		Approved by :	8' Dia. TANK - 8941 US gal		
Client	# Project	Sheet 2 / 4			



PLAN VIEW

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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.				Format B	Part no. NN08150313EU
Weight : 3327 Lb		Drawn by O. Marin		20/12/2023	
Client		Approved by :		Title	
# Projet		Sheet 3 / 4		8' Dia. TANK - 8941 US gal	



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			REV A.	
TOLERANCES (ANGULAR) 0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG. 0.00 -> ± 0.1 DEG.			Drawn by O. Marin		04/10/2018		Title			
Weight :			Approved by :		ANCHORING KIT					
Client		# Projet			Sheet 4 / 4					



CAPACITY CHART FOR NN08150313 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	220	12	631	18	1161	24	1780	30	2463	36	3190	42	3945	48	4710	54	5471	60	6211
1/8	1	6 1/8	227	12 1/8	641	18 1/8	1174	24 1/8	1794	30 1/8	2477	36 1/8	3205	42 1/8	3961	48 1/8	4726	54 1/8	5487	60 1/8	6226
1/4	2	6 1/4	234	12 1/4	651	18 1/4	1186	24 1/4	1807	30 1/4	2492	36 1/4	3221	42 1/4	3976	48 1/4	4742	54 1/4	5502	60 1/4	6241
3/8	4	6 3/8	241	12 3/8	661	18 3/8	1198	24 3/8	1821	30 3/8	2507	36 3/8	3236	42 3/8	3992	48 3/8	4758	54 3/8	5518	60 3/8	6256
1/2	5	6 1/2	248	12 1/2	671	18 1/2	1210	24 1/2	1835	30 1/2	2522	36 1/2	3252	42 1/2	4008	48 1/2	4774	54 1/2	5534	60 1/2	6271
5/8	8	6 5/8	256	12 5/8	681	18 5/8	1222	24 5/8	1848	30 5/8	2537	36 5/8	3268	42 5/8	4024	48 5/8	4790	54 5/8	5549	60 5/8	6286
3/4	10	6 3/4	263	12 3/4	691	18 3/4	1235	24 3/4	1862	30 3/4	2551	36 3/4	3283	42 3/4	4040	48 3/4	4806	54 3/4	5565	60 3/4	6301
7/8	12	6 7/8	270	12 7/8	701	18 7/8	1247	24 7/8	1876	30 7/8	2566	36 7/8	3299	42 7/8	4056	48 7/8	4822	54 7/8	5581	60 7/8	6316
1	15	7	278	13	712	19	1259	25	1890	31	2581	37	3314	43	4072	49	4838	55	5596	61	6331
1 1/8	18	7 1/8	286	13 1/8	722	19 1/8	1272	25 1/8	1904	31 1/8	2596	37 1/8	3330	43 1/8	4088	49 1/8	4854	55 1/8	5612	61 1/8	6346
1 1/4	21	7 1/4	293	13 1/4	733	19 1/4	1284	25 1/4	1918	31 1/4	2611	37 1/4	3345	43 1/4	4104	49 1/4	4870	55 1/4	5627	61 1/4	6360
1 3/8	24	7 3/8	301	13 3/8	743	19 3/8	1296	25 3/8	1931	31 3/8	2626	37 3/8	3361	43 3/8	4120	49 3/8	4886	55 3/8	5643	61 3/8	6375
1 1/2	27	7 1/2	309	13 1/2	754	19 1/2	1309	25 1/2	1945	31 1/2	2641	37 1/2	3377	43 1/2	4136	49 1/2	4902	55 1/2	5659	61 1/2	6390
1 5/8	30	7 5/8	317	13 5/8	764	19 5/8	1321	25 5/8	1959	31 5/8	2656	37 5/8	3392	43 5/8	4152	49 5/8	4918	55 5/8	5674	61 5/8	6405
1 3/4	34	7 3/4	325	13 3/4	775	19 3/4	1334	25 3/4	1973	31 3/4	2671	37 3/4	3408	43 3/4	4168	49 3/4	4933	55 3/4	5690	61 3/4	6420
1 7/8	38	7 7/8	333	13 7/8	785	19 7/8	1347	25 7/8	1987	31 7/8	2686	37 7/8	3424	43 7/8	4183	49 7/8	4949	55 7/8	5705	61 7/8	6435
2	42	8	341	14	796	20	1359	26	2001	32	2701	38	3439	44	4199	50	4965	56	5721	62	6450
2 1/8	45	8 1/8	349	14 1/8	807	20 1/8	1372	26 1/8	2015	32 1/8	2716	38 1/8	3455	44 1/8	4215	50 1/8	4981	56 1/8	5736	62 1/8	6464
2 1/4	50	8 1/4	357	14 1/4	818	20 1/4	1385	26 1/4	2030	32 1/4	2731	38 1/4	3471	44 1/4	4231	50 1/4	4997	56 1/4	5752	62 1/4	6479
2 3/8	54	8 3/8	365	14 3/8	828	20 3/8	1397	26 3/8	2044	32 3/8	2746	38 3/8	3486	44 3/8	4247	50 3/8	5013	56 3/8	5767	62 3/8	6494
2 1/2	58	8 1/2	374	14 1/2	839	20 1/2	1410	26 1/2	2058	32 1/2	2761	38 1/2	3502	44 1/2	4263	50 1/2	5029	56 1/2	5783	62 1/2	6509
2 5/8	63	8 5/8	382	14 5/8	850	20 5/8	1423	26 5/8	2072	32 5/8	2776	38 5/8	3518	44 5/8	4279	50 5/8	5045	56 5/8	5798	62 5/8	6523
2 3/4	67	8 3/4	390	14 3/4	861	20 3/4	1436	26 3/4	2086	32 3/4	2791	38 3/4	3533	44 3/4	4295	50 3/4	5061	56 3/4	5814	62 3/4	6538
2 7/8	72	8 7/8	399	14 7/8	872	20 7/8	1448	26 7/8	2100	32 7/8	2807	38 7/8	3549	44 7/8	4311	50 7/8	5076	56 7/8	5829	62 7/8	6553
3	77	9	407	15	883	21	1461	27	2115	33	2822	39	3565	45	4327	51	5092	57	5844	63	6567
3 1/8	82	9 1/8	416	15 1/8	894	21 1/8	1474	27 1/8	2129	33 1/8	2837	39 1/8	3581	45 1/8	4343	51 1/8	5108	57 1/8	5860	63 1/8	6582
3 1/4	87	9 1/4	425	15 1/4	906	21 1/4	1487	27 1/4	2143	33 1/4	2852	39 1/4	3596	45 1/4	4359	51 1/4	5124	57 1/4	5875	63 1/4	6596
3 3/8	92	9 3/8	434	15 3/8	917	21 3/8	1500	27 3/8	2157	33 3/8	2867	39 3/8	3612	45 3/8	4375	51 3/8	5140	57 3/8	5891	63 3/8	6611
3 1/2	97	9 1/2	442	15 1/2	928	21 1/2	1513	27 1/2	2172	33 1/2	2883	39 1/2	3628	45 1/2	4391	51 1/2	5156	57 1/2	5906	63 1/2	6626
3 5/8	102	9 5/8	451	15 5/8	939	21 5/8	1526	27 5/8	2186	33 5/8	2898	39 5/8	3644	45 5/8	4407	51 5/8	5172	57 5/8	5921	63 5/8	6640
3 3/4	107	9 3/4	460	15 3/4	951	21 3/4	1539	27 3/4	2200	33 3/4	2913	39 3/4	3659	45 3/4	4423	51 3/4	5187	57 3/4	5937	63 3/4	6655
3 7/8	113	9 7/8	469	15 7/8	962	21 7/8	1552	27 7/8	2215	33 7/8	2928	39 7/8	3675	45 7/8	4439	51 7/8	5203	57 7/8	5952	63 7/8	6669
4	119	10	478	16	973	22	1566	28	2229	34	2944	40	3691	46	4455	52	5219	58	5967	64	6684
4 1/8	124	10 1/8	487	16 1/8	985	22 1/8	1579	28 1/8	2244	34 1/8	2959	40 1/8	3707	46 1/8	4471	52 1/8	5235	58 1/8	5983	64 1/8	6698
4 1/4	130	10 1/4	496	16 1/4	996	22 1/4	1592	28 1/4	2258	34 1/4	2974	40 1/4	3723	46 1/4	4487	52 1/4	5251	58 1/4	5998	64 1/4	6712
4 3/8	136	10 3/8	506	16 3/8	1008	22 3/8	1605	28 3/8	2273	34 3/8	2990	40 3/8	3738	46 3/8	4503	52 3/8	5266	58 3/8	6013	64 3/8	6727
4 1/2	142	10 1/2	515	16 1/2	1020	22 1/2	1619	28 1/2	2287	34 1/2	3005	40 1/2	3754	46 1/2	4519	52 1/2	5282	58 1/2	6029	64 1/2	6741
4 5/8	148	10 5/8	524	16 5/8	1031	22 5/8	1632	28 5/8	2302	34 5/8	3020	40 5/8	3770	46 5/8	4535	52 5/8	5298	58 5/8	6044	64 5/8	6756
4 3/4	154	10 3/4	534	16 3/4	1043	22 3/4	1645	28 3/4	2316	34 3/4	3036	40 3/4	3786	46 3/4	4551	52 3/4	5314	58 3/4	6059	64 3/4	6770
4 7/8	160	10 7/8	543	16 7/8	1054	22 7/8	1658	28 7/8	2331	34 7/8	3051	40 7/8	3802	46 7/8	4567	52 7/8	5330	58 7/8	6074	64 7/8	6784
5	167	11	553	17	1066	23	1672	29	2345	35	3066	41	3818	47	4583	53	5345	59	6090	65	6799
5 1/8	173	11 1/8	562	17 1/8	1078	23 1/8	1685	29 1/8	2360	35 1/8	3082	41 1/8	3833	47 1/8	4599	53 1/8	5361	59 1/8	6105	65 1/8	6813
5 1/4	179	11 1/4	572	17 1/4	1090	23 1/4	1699	29 1/4	2374	35 1/4	3097	41 1/4	3849	47 1/4	4615	53 1/4	5377	59 1/4	6120	65 1/4	6827
5 3/8	186	11 3/8	581	17 3/8	1102	23 3/8	1712	29 3/8	2389	35 3/8	3113	41 3/8	3865	47 3/8	4631	53 3/8	5392	59 3/8	6135	65 3/8	6841
5 1/2	193	11 1/2	591	17 1/2	1114	23 1/2	1726	29 1/2	2404	35 1/2	3128	41 1/2	3881	47 1/2	4646	53 1/2	5408	59 1/2	6150	65 1/2	6856
5 5/8	199	11 5/8	601	17 5/8	1125	23 5/8	1739	29 5/8	2418	35 5/8	3143	41 5/8	3897	47 5/8	4662	53 5/8	5424	59 5/8	6165	65 5/8	6870
5 3/4	206	11 3/4	611	17 3/4	1137	23 3/4	1753	29 3/4	2433	35 3/4	3159	41 3/4	3913	47 3/4	4678	53 3/4	5440	59 3/4	6180	65 3/4	6884
5 7/8	213	11 7/8	621	17 7/8	1149	23 7/8	1766	29 7/8	2448	35 7/8	3174	41 7/8	3929	47 7/8	4694	53 7/8	5455	59 7/8	6196	65 7/8	6898

** PRECISION IS ABOUT +/- 1%



CAPACITY CHART FOR NN08150313 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	6912	69	7243	72	7557	75	7852	78	8124	81	8370	84	8585	87	8762	90	8892				
66 1/8	6926	69 1/8	7256	72 1/8	7570	75 1/8	7864	78 1/8	8135	81 1/8	8379	84 1/8	8593	87 1/8	8769	90 1/8	8896				
66 1/4	6940	69 1/4	7270	72 1/4	7582	75 1/4	7875	78 1/4	8146	81 1/4	8389	84 1/4	8601	87 1/4	8775	90 1/4	8900				
66 3/8	6954	69 3/8	7283	72 3/8	7595	75 3/8	7887	78 3/8	8156	81 3/8	8399	84 3/8	8609	87 3/8	8781	90 3/8	8904				
66 1/2	6968	69 1/2	7297	72 1/2	7608	75 1/2	7899	78 1/2	8167	81 1/2	8408	84 1/2	8617	87 1/2	8788	90 1/2	8908				
66 5/8	6982	69 5/8	7310	72 5/8	7620	75 5/8	7911	78 5/8	8178	81 5/8	8417	84 5/8	8625	87 5/8	8794	90 5/8	8911				
66 3/4	6996	69 3/4	7323	72 3/4	7633	75 3/4	7922	78 3/4	8188	81 3/4	8427	84 3/4	8633	87 3/4	8800	90 3/4	8915				
66 7/8	7010	69 7/8	7336	72 7/8	7645	75 7/8	7934	78 7/8	8199	81 7/8	8436	84 7/8	8641	87 7/8	8806	90 7/8	8918				
67	7024	70	7350	73	7658	76	7945	79	8209	82	8445	85	8648	88	8812	91	8921				
67 1/8	7038	70 1/8	7363	73 1/8	7670	76 1/8	7957	79 1/8	8220	82 1/8	8454	85 1/8	8656	88 1/8	8817	91 1/8	8924				
67 1/4	7052	70 1/4	7376	73 1/4	7682	76 1/4	7968	79 1/4	8230	82 1/4	8463	85 1/4	8664	88 1/4	8823	91 1/4	8927				
67 3/8	7066	70 3/8	7389	73 3/8	7695	76 3/8	7980	79 3/8	8240	82 3/8	8473	85 3/8	8671	88 3/8	8829	91 3/8	8929				
67 1/2	7079	70 1/2	7402	73 1/2	7707	76 1/2	7991	79 1/2	8250	82 1/2	8481	85 1/2	8679	88 1/2	8834	91 1/2	8932				
67 5/8	7093	70 5/8	7415	73 5/8	7719	76 5/8	8002	79 5/8	8261	82 5/8	8490	85 5/8	8686	88 5/8	8840	91 5/8	8934				
67 3/4	7107	70 3/4	7428	73 3/4	7732	76 3/4	8014	79 3/4	8271	82 3/4	8499	85 3/4	8693	88 3/4	8845	91 3/4	8936				
67 7/8	7121	70 7/8	7441	73 7/8	7744	76 7/8	8025	79 7/8	8281	82 7/8	8508	85 7/8	8701	88 7/8	8850	91 7/8	8938				
68	7134	71	7454	74	7756	77	8036	80	8291	83	8517	86	8708	89	8855	92	8939				
68 1/8	7148	71 1/8	7467	74 1/8	7768	77 1/8	8047	80 1/8	8301	83 1/8	8526	86 1/8	8715	89 1/8	8860	92 1/8	8941				
68 1/4	7162	71 1/4	7480	74 1/4	7780	77 1/4	8058	80 1/4	8311	83 1/4	8534	86 1/4	8722	89 1/4	8865	92 1/4	8941				
68 3/8	7175	71 3/8	7493	74 3/8	7792	77 3/8	8069	80 3/8	8321	83 3/8	8543	86 3/8	8729	89 3/8	8870	92 3/8	8941				
68 1/2	7189	71 1/2	7506	74 1/2	7804	77 1/2	8080	80 1/2	8331	83 1/2	8551	86 1/2	8736	89 1/2	8874						
68 5/8	7202	71 5/8	7519	74 5/8	7816	77 5/8	8091	80 5/8	8341	83 5/8	8560	86 5/8	8742	89 5/8	8879						
68 3/4	7216	71 3/4	7532	74 3/4	7828	77 3/4	8102	80 3/4	8350	83 3/4	8568	86 3/4	8749	89 3/4	8884						
68 7/8	7229	71 7/8	7544	74 7/8	7840	77 7/8	8113	80 7/8	8360	83 7/8	8576	86 7/8	8756	89 7/8	8888						

** PRECISION IS ABOUT +/- 1%