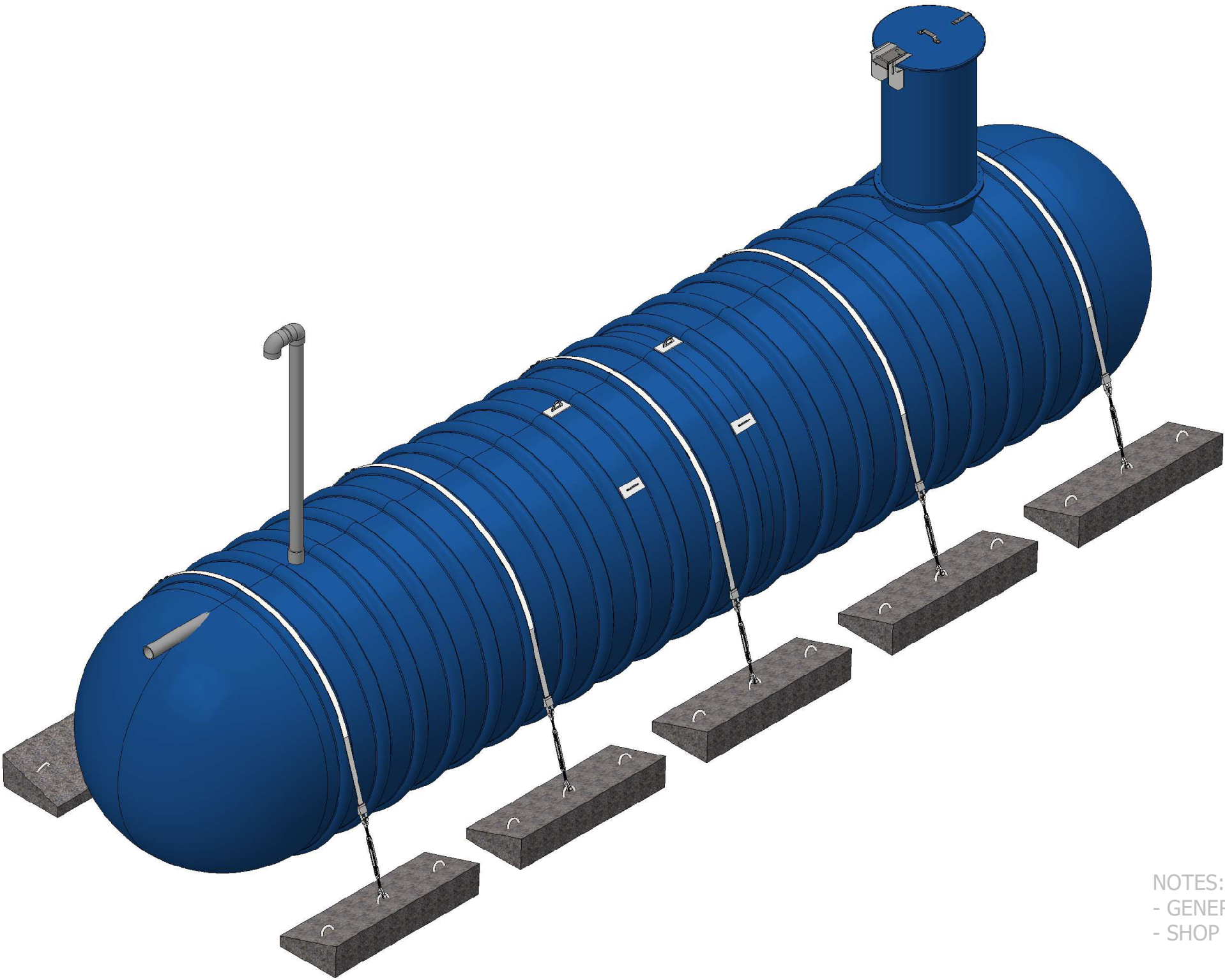


NN08210422EU

FIBERGLASS TANK



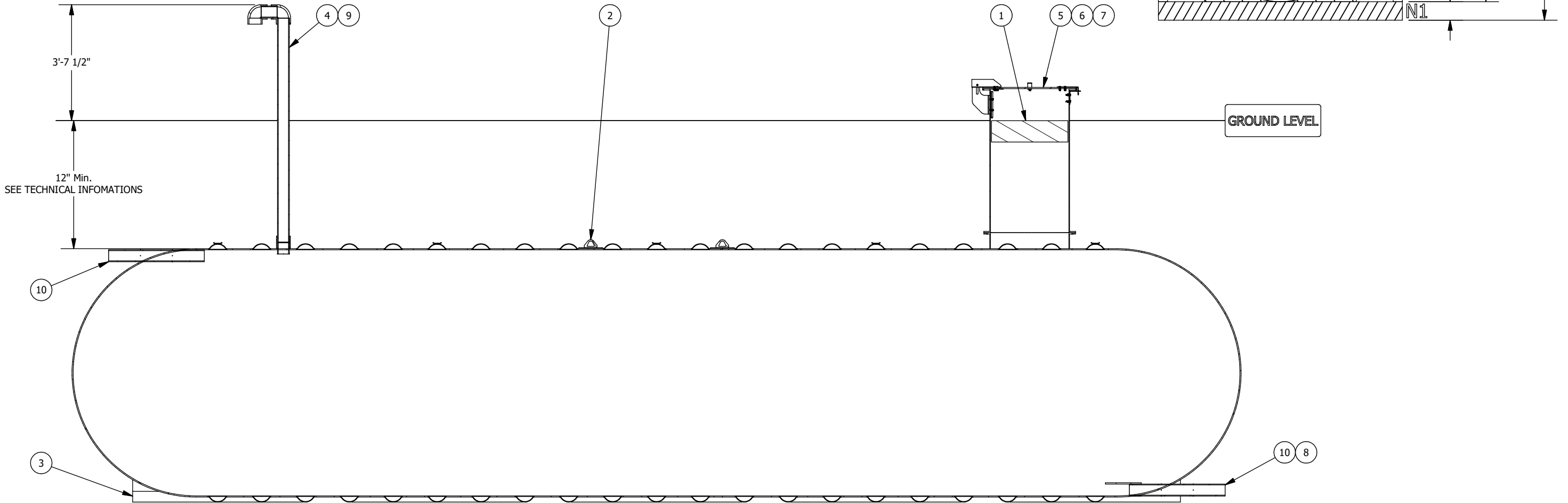
NOTES:
 - GENERIC DRAWING FOR REFERENCE ONLY
 - SHOP DRAWING AVAILABLE ON REQUEST

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TOLERANCES (LINEAR)				Revision description	
FEET DIM. -> ± 1% 0.0 -> ± 0.5"				Format B Part no. NN08210422EU REV 02.	
TOLERANCES (ANGULAR)		Drawn by O. Marin 20/12/2023		Title	
0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG.				8' Dia. TANK - 11806 US gal	
Weight : 4232 Lb		Approved by : 			
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

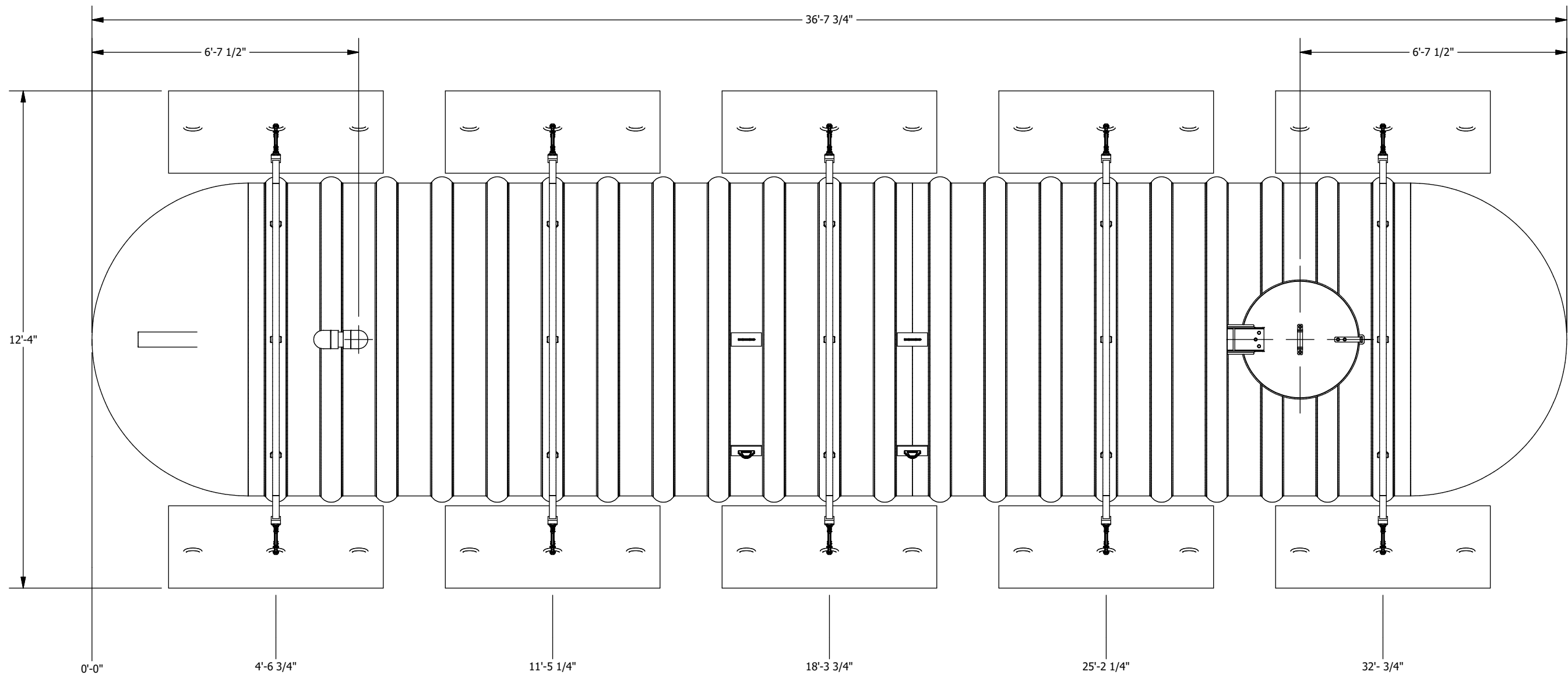
Technical informations

- 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.

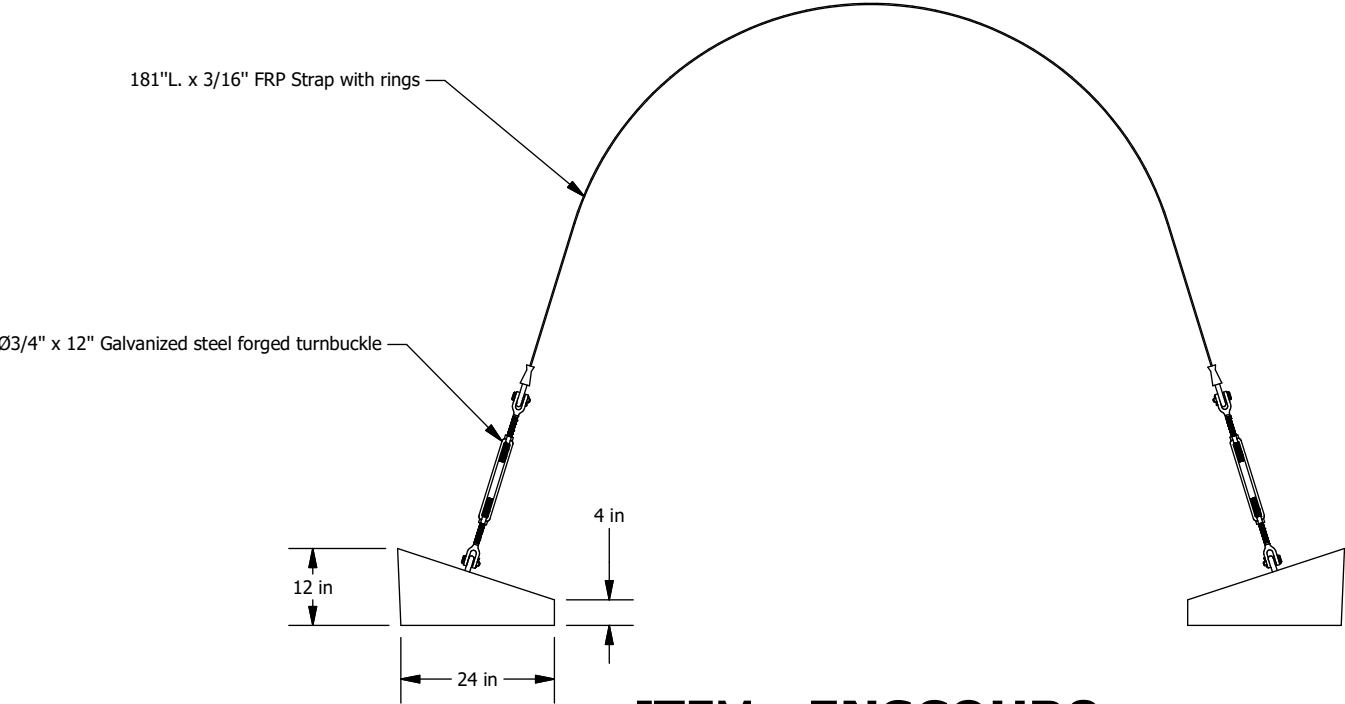
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TOLERANCES (LINEAR)		 GRANBY COMPOSITES		Revision description	
FEET DIM. -> ± 1% 0.0 -> ± 0.5"					
0.00 -> ± 0.25" 0.000 -> ± 0.125"					
TOLERANCES (ANGULAR)		Drawn by O. Marin		Format	
0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG.				Part no.	
0.00 -> ± 0.1 DEG.		20/12/2023		REV	
Weight :		Approved by :		02 .	
4232 Lb				Title	
Client		# Project		8' Dia. TANK - 11806 US gal	
		Sheet			
		2 / 4			



PLAN VIEW

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TOLERANCES (LINEAR) FEET DIM. -> ± 1% 0.0 -> ± 0.5"					 GRANBY COMPOSITES			Revision description		
								Format	Part no.	REV
TOLERANCES (ANGULAR) 0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG.					Drawn by O. Marin Approved by :			B	NN08210422EU	02.
								Title		
Weight : 4232 Lb								8' Dia. TANK - 11806 US gal		
Client				# Projet			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 NN08210422 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	299	12	850	18	1555	24	2372	30	3271	36	4225	42	5214	48	6217	54	7213	60	8183
1/8	1	6 1/8	308	12 1/8	863	18 1/8	1571	24 1/8	2390	30 1/8	3290	36 1/8	4245	42 1/8	5235	48 1/8	6238	54 1/8	7234	60 1/8	8203
1/4	3	6 1/4	318	12 1/4	876	18 1/4	1587	24 1/4	2408	30 1/4	3309	36 1/4	4266	42 1/4	5256	48 1/4	6258	54 1/4	7254	60 1/4	8223
3/8	5	6 3/8	328	12 3/8	890	18 3/8	1603	24 3/8	2426	30 3/8	3329	36 3/8	4286	42 3/8	5276	48 3/8	6279	54 3/8	7275	60 3/8	8242
1/2	7	6 1/2	337	12 1/2	903	18 1/2	1619	24 1/2	2444	30 1/2	3348	36 1/2	4306	42 1/2	5297	48 1/2	6300	54 1/2	7295	60 1/2	8262
5/8	10	6 5/8	347	12 5/8	917	18 5/8	1636	24 5/8	2463	30 5/8	3368	36 5/8	4327	42 5/8	5318	48 5/8	6321	54 5/8	7316	60 5/8	8282
3/4	13	6 3/4	357	12 3/4	930	18 3/4	1652	24 3/4	2481	30 3/4	3387	36 3/4	4347	42 3/4	5339	48 3/4	6342	54 3/4	7336	60 3/4	8301
7/8	17	6 7/8	367	12 7/8	944	18 7/8	1668	24 7/8	2499	30 7/8	3407	36 7/8	4368	42 7/8	5360	48 7/8	6363	54 7/8	7357	60 7/8	8321
1	20	7	377	13	958	19	1685	25	2517	31	3426	37	4388	43	5381	49	6384	55	7377	61	8341
1 1/8	24	7 1/8	387	13 1/8	972	19 1/8	1701	25 1/8	2535	31 1/8	3446	37 1/8	4409	43 1/8	5402	49 1/8	6405	55 1/8	7398	61 1/8	8360
1 1/4	28	7 1/4	398	13 1/4	986	19 1/4	1717	25 1/4	2554	31 1/4	3466	37 1/4	4429	43 1/4	5422	49 1/4	6425	55 1/4	7418	61 1/4	8380
1 3/8	33	7 3/8	408	13 3/8	1000	19 3/8	1734	25 3/8	2572	31 3/8	3485	37 3/8	4449	43 3/8	5443	49 3/8	6446	55 3/8	7438	61 3/8	8399
1 1/2	37	7 1/2	419	13 1/2	1014	19 1/2	1750	25 1/2	2590	31 1/2	3505	37 1/2	4470	43 1/2	5464	49 1/2	6467	55 1/2	7459	61 1/2	8419
1 5/8	42	7 5/8	429	13 5/8	1028	19 5/8	1767	25 5/8	2609	31 5/8	3524	37 5/8	4490	43 5/8	5485	49 5/8	6488	55 5/8	7479	61 5/8	8438
1 3/4	47	7 3/4	440	13 3/4	1042	19 3/4	1783	25 3/4	2627	31 3/4	3544	37 3/4	4511	43 3/4	5506	49 3/4	6509	55 3/4	7500	61 3/4	8458
1 7/8	52	7 7/8	451	13 7/8	1056	19 7/8	1800	25 7/8	2646	31 7/8	3564	37 7/8	4531	43 7/8	5527	49 7/8	6530	55 7/8	7520	61 7/8	8477
2	57	8	461	14	1070	20	1817	26	2664	32	3584	38	4552	44	5548	50	6550	56	7540	62	8497
2 1/8	62	8 1/8	472	14 1/8	1084	20 1/8	1834	26 1/8	2682	32 1/8	3603	38 1/8	4572	44 1/8	5569	50 1/8	6571	56 1/8	7561	62 1/8	8516
2 1/4	68	8 1/4	483	14 1/4	1099	20 1/4	1850	26 1/4	2701	32 1/4	3623	38 1/4	4593	44 1/4	5589	50 1/4	6592	56 1/4	7581	62 1/4	8536
2 3/8	74	8 3/8	495	14 3/8	1113	20 3/8	1867	26 3/8	2720	32 3/8	3643	38 3/8	4614	44 3/8	5610	50 3/8	6613	56 3/8	7601	62 3/8	8555
2 1/2	80	8 1/2	506	14 1/2	1128	20 1/2	1884	26 1/2	2738	32 1/2	3663	38 1/2	4634	44 1/2	5631	50 1/2	6634	56 1/2	7622	62 1/2	8574
2 5/8	86	8 5/8	517	14 5/8	1142	20 5/8	1901	26 5/8	2757	32 5/8	3683	38 5/8	4655	44 5/8	5652	50 5/8	6655	56 5/8	7642	62 5/8	8594
2 3/4	92	8 3/4	528	14 3/4	1157	20 3/4	1918	26 3/4	2775	32 3/4	3702	38 3/4	4675	44 3/4	5673	50 3/4	6675	56 3/4	7662	62 3/4	8613
2 7/8	98	8 7/8	540	14 7/8	1171	20 7/8	1935	26 7/8	2794	32 7/8	3722	38 7/8	4696	44 7/8	5694	50 7/8	6696	56 7/8	7682	62 7/8	8632
3	105	9	551	15	1186	21	1952	27	2813	33	3742	39	4717	45	5715	51	6717	57	7703	63	8651
3 1/8	112	9 1/8	563	15 1/8	1201	21 1/8	1969	27 1/8	2832	33 1/8	3762	39 1/8	4737	45 1/8	5736	51 1/8	6738	57 1/8	7723	63 1/8	8671
3 1/4	118	9 1/4	574	15 1/4	1216	21 1/4	1986	27 1/4	2850	33 1/4	3782	39 1/4	4758	45 1/4	5757	51 1/4	6758	57 1/4	7743	63 1/4	8690
3 3/8	125	9 3/8	586	15 3/8	1231	21 3/8	2003	27 3/8	2869	33 3/8	3802	39 3/8	4778	45 3/8	5778	51 3/8	6779	57 3/8	7763	63 3/8	8709
3 1/2	132	9 1/2	598	15 1/2	1246	21 1/2	2020	27 1/2	2888	33 1/2	3822	39 1/2	4799	45 1/2	5799	51 1/2	6800	57 1/2	7783	63 1/2	8728
3 5/8	140	9 5/8	610	15 5/8	1261	21 5/8	2038	27 5/8	2907	33 5/8	3842	39 5/8	4820	45 5/8	5819	51 5/8	6821	57 5/8	7804	63 5/8	8747
3 3/4	147	9 3/4	622	15 3/4	1276	21 3/4	2055	27 3/4	2926	33 3/4	3862	39 3/4	4840	45 3/4	5840	51 3/4	6841	57 3/4	7824	63 3/4	8766
3 7/8	154	9 7/8	634	15 7/8	1291	21 7/8	2072	27 7/8	2945	33 7/8	3882	39 7/8	4861	45 7/8	5861	51 7/8	6862	57 7/8	7844	63 7/8	8785
4	162	10	646	16	1306	22	2090	28	2964	34	3902	40	4882	46	5882	52	6883	58	7864	64	8804
4 1/8	170	10 1/8	658	16 1/8	1321	22 1/8	2107	28 1/8	2983	34 1/8	3922	40 1/8	4903	46 1/8	5903	52 1/8	6904	58 1/8	7884	64 1/8	8823
4 1/4	177	10 1/4	670	16 1/4	1336	22 1/4	2124	28 1/4	3002	34 1/4	3942	40 1/4	4923	46 1/4	5924	52 1/4	6924	58 1/4	7904	64 1/4	8842
4 3/8	185	10 3/8	683	16 3/8	1352	22 3/8	2142	28 3/8	3021	34 3/8	3962	40 3/8	4944	46 3/8	5945	52 3/8	6945	58 3/8	7924	64 3/8	8861
4 1/2	193	10 1/2	695	16 1/2	1367	22 1/2	2159	28 1/2	3040	34 1/2	3982	40 1/2	4965	46 1/2	5966	52 1/2	6966	58 1/2	7944	64 1/2	8880
4 5/8	202	10 5/8	708	16 5/8	1382	22 5/8	2177	28 5/8	3059	34 5/8	4003	40 5/8	4985	46 5/8	5987	52 5/8	6986	58 5/8	7964	64 5/8	8899
4 3/4	210	10 3/4	720	16 3/4	1398	22 3/4	2194	28 3/4	3078	34 3/4	4023	40 3/4	5006	46 3/4	6008	52 3/4	7007	58 3/4	7984	64 3/4	8918
4 7/8	218	10 7/8	733	16 7/8	1413	22 7/8	2212	28 7/8	3097	34 7/8	4043	40 7/8	5027	46 7/8	6029	52 7/8	7028	58 7/8	8004	64 7/8	8937
5	227	11	746	17	1429	23	2230	29	3116	35	4063	41	5048	47	6049	53	7048	59	8024	65	8956
5 1/8	235	11 1/8	758	17 1/8	1444	23 1/8	2247	29 1/8	3135	35 1/8	4083	41 1/8	5068	47 1/8	6070	53 1/8	7069	59 1/8	8044	65 1/8	8974
5 1/4	244	11 1/4	771	17 1/4	1460	23 1/4	2265	29 1/4	3155	35 1/4	4103	41 1/4	5089	47 1/4	6091	53 1/4	7090	59 1/4	8064	65 1/4	8993
5 3/8	253	11 3/8	784	17 3/8	1476	23 3/8	2283	29 3/8	3174	35 3/8	4124	41 3/8	5110	47 3/8	6112	53 3/8	7110	59 3/8	8084	65 3/8	9012
5 1/2	262	11 1/2	797	17 1/2	1492	23 1/2	2301	29 1/2	3193	35 1/2	4144	41 1/2	5131	47 1/2	6133	53 1/2	7131	59 1/2	8104	65 1/2	9031
5 5/8	271	11 5/8	810	17 5/8	1507	23 5/8	2319	29 5/8	3213	35 5/8	4164	41 5/8	5152	47 5/8	6154	53 5/8	7151	59 5/8	8124	65 5/8	9049
5 3/4	280	11 3/4	823	17 3/4	1523	23 3/4	2336	29 3/4	3232	35 3/4	4184	41 3/4	5172	47 3/4	6175	53 3/4	7172	59 3/4	8143	65 3/4	9068
5 7/8	289	11 7/8	836	17 7/8	1539	23 7/8	2354	29 7/8	3251	35 7/8	4205	41 7/8	5193	47 7/8	6196	53 7/8	7193	59 7/8	8163	65 7/8	9087

** PRECISION IS ABOUT +/- 1%



CAPACITY CHART FOR NN08210422 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	9105	69	9541	72	9956	75	10346	78	10707	81	11035	84	11323	87	11562	90	11738				
66 1/8	9124	69 1/8	9559	72 1/8	9973	75 1/8	10362	78 1/8	10722	81 1/8	11048	84 1/8	11334	87 1/8	11571	90 1/8	11744				
66 1/4	9142	69 1/4	9576	72 1/4	9989	75 1/4	10377	78 1/4	10736	81 1/4	11061	84 1/4	11345	87 1/4	11579	90 1/4	11749				
66 3/8	9161	69 3/8	9594	72 3/8	10006	75 3/8	10393	78 3/8	10750	81 3/8	11073	84 3/8	11355	87 3/8	11588	90 3/8	11754				
66 1/2	9179	69 1/2	9612	72 1/2	10023	75 1/2	10408	78 1/2	10764	81 1/2	11086	84 1/2	11366	87 1/2	11596	90 1/2	11760				
66 5/8	9197	69 5/8	9629	72 5/8	10039	75 5/8	10424	78 5/8	10779	81 5/8	11098	84 5/8	11377	87 5/8	11604	90 5/8	11764				
66 3/4	9216	69 3/4	9647	72 3/4	10056	75 3/4	10439	78 3/4	10793	81 3/4	11111	84 3/4	11387	87 3/4	11613	90 3/4	11769				
66 7/8	9234	69 7/8	9664	72 7/8	10072	75 7/8	10455	78 7/8	10807	81 7/8	11123	84 7/8	11398	87 7/8	11621	90 7/8	11774				
67	9253	70	9682	73	10089	76	10470	79	10821	82	11136	85	11408	88	11629	91	11778				
67 1/8	9271	70 1/8	9699	73 1/8	10105	76 1/8	10485	79 1/8	10834	82 1/8	11148	85 1/8	11419	88 1/8	11637	91 1/8	11782				
67 1/4	9289	70 1/4	9717	73 1/4	10122	76 1/4	10500	79 1/4	10848	82 1/4	11160	85 1/4	11429	88 1/4	11644	91 1/4	11786				
67 3/8	9307	70 3/8	9734	73 3/8	10138	76 3/8	10515	79 3/8	10862	82 3/8	11172	85 3/8	11439	88 3/8	11652	91 3/8	11789				
67 1/2	9325	70 1/2	9751	73 1/2	10154	76 1/2	10531	79 1/2	10876	82 1/2	11184	85 1/2	11449	88 1/2	11659	91 1/2	11793				
67 5/8	9344	70 5/8	9769	73 5/8	10170	76 5/8	10546	79 5/8	10889	82 5/8	11196	85 5/8	11459	88 5/8	11667	91 5/8	11796				
67 3/4	9362	70 3/4	9786	73 3/4	10187	76 3/4	10561	79 3/4	10903	82 3/4	11208	85 3/4	11469	88 3/4	11674	91 3/4	11799				
67 7/8	9380	70 7/8	9803	73 7/8	10203	76 7/8	10575	79 7/8	10916	82 7/8	11220	85 7/8	11479	88 7/8	11681	91 7/8	11801				
68	9398	71	9820	74	10219	77	10590	80	10930	83	11232	86	11488	89	11688	92	11803				
68 1/8	9416	71 1/8	9837	74 1/8	10235	77 1/8	10605	80 1/8	10943	83 1/8	11243	86 1/8	11498	89 1/8	11695	92 1/8	11805				
68 1/4	9434	71 1/4	9854	74 1/4	10251	77 1/4	10620	80 1/4	10957	83 1/4	11255	86 1/4	11507	89 1/4	11701	92 1/4	11806				
68 3/8	9452	71 3/8	9871	74 3/8	10267	77 3/8	10635	80 3/8	10970	83 3/8	11266	86 3/8	11517	89 3/8	11708	92 3/8	11806				
68 1/2	9470	71 1/2	9888	74 1/2	10283	77 1/2	10649	80 1/2	10983	83 1/2	11278	86 1/2	11526	89 1/2	11714						
68 5/8	9488	71 5/8	9905	74 5/8	10299	77 5/8	10664	80 5/8	10996	83 5/8	11289	86 5/8	11535	89 5/8	11720						
68 3/4	9505	71 3/4	9922	74 3/4	10315	77 3/4	10678	80 3/4	11009	83 3/4	11300	86 3/4	11544	89 3/4	11726						
68 7/8	9523	71 7/8	9939	74 7/8	10330	77 7/8	10693	80 7/8	11022	83 7/8	11312	86 7/8	11553	89 7/8	11732						

** PRECISION IS ABOUT +/- 1%