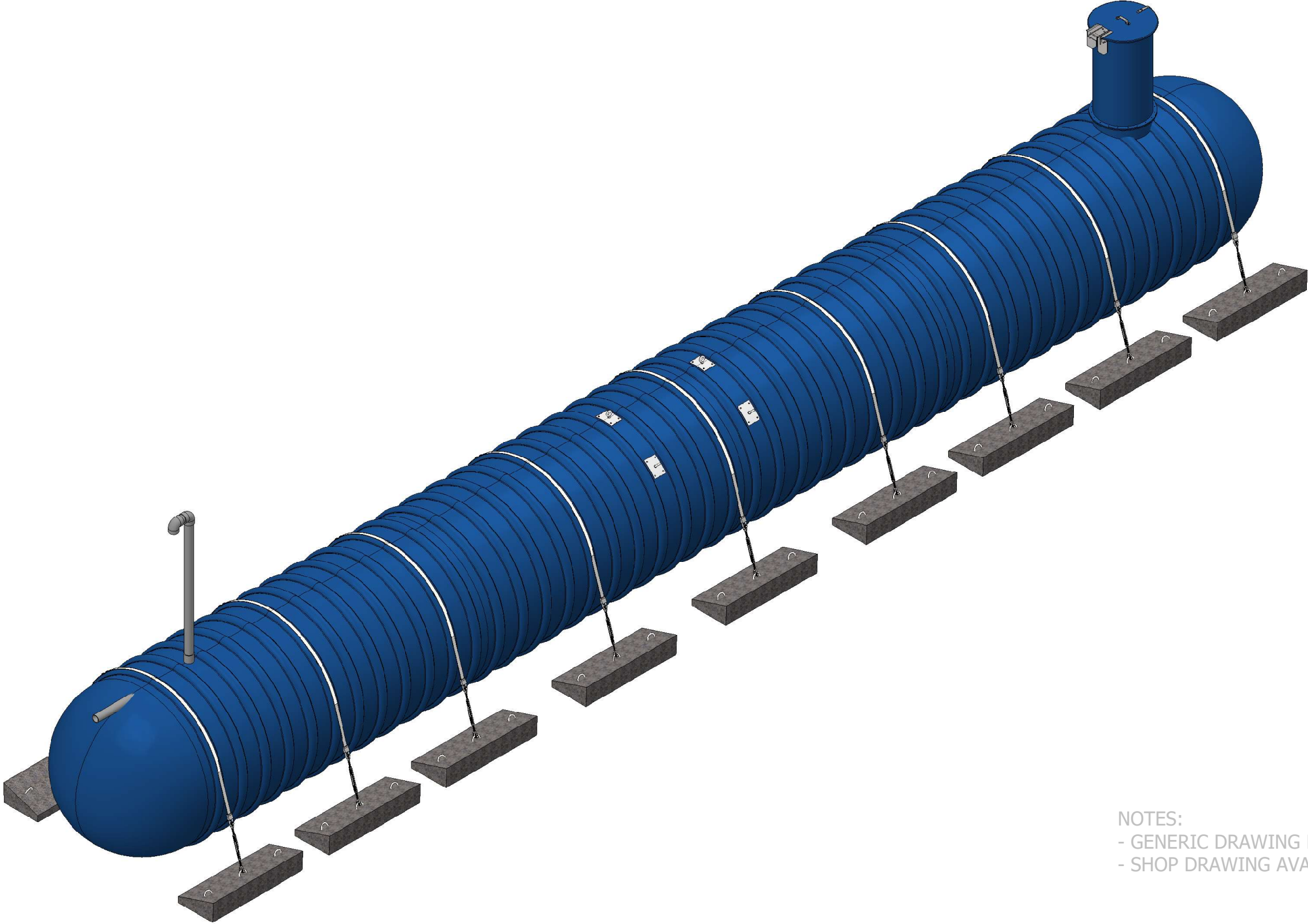


NN08440842EP
 FIBERGLASS TANK



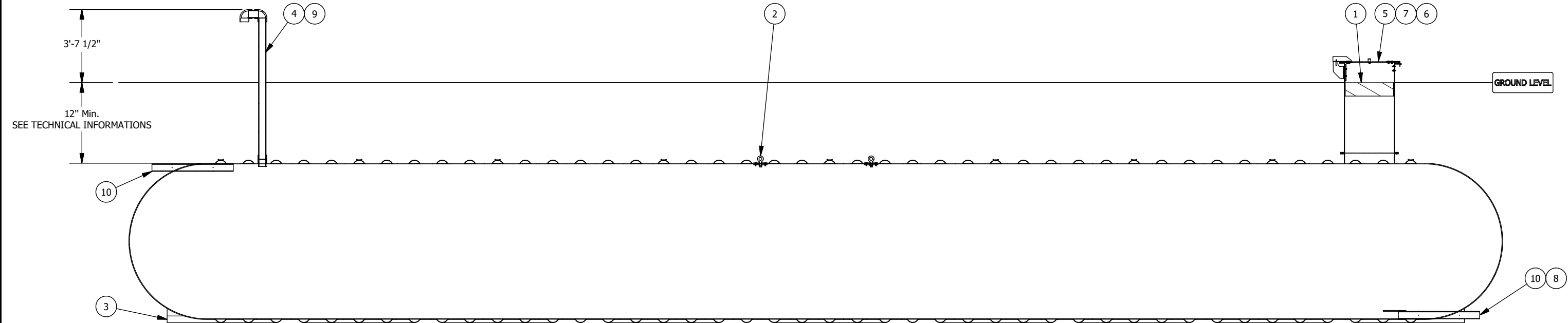
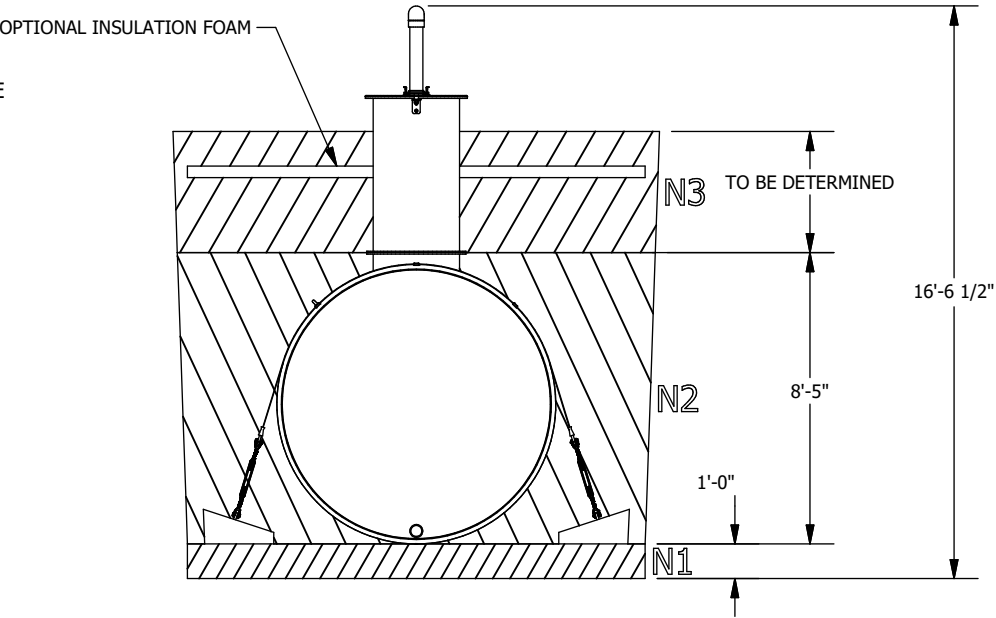
NOTES:
 - GENERIC DRAWING FOR REFERENCE ONLY
 - SHOP DRAWING AVAILABLE ON REQUEST

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TOLERANCES (LINEAR)				Revision description	
FEET DIM. -> ± 1% 0.0 -> ± 0.5"				Format B	Part no. NN08440842EP
TOLERANCES (ANGULAR)		Drawn by O. Marin		19/12/2023	
0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG.		0.00 -> ± 0.125" 0.00 -> ± 0.1 DEG.		Title	
Weight : 7705 Lb		Approved by :		8' Dia. TANK - 22786 US gal	
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	ADP0000001	4	LIFTING LUG	
3	ENSCOUR8	9	ANCHORING KIT	
4	EV480	1	4" SCH. 80 VENT KIT WITH SST BIRD SCREEN	
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



SECTION ELEVATION VIEW

Optional anchoring depending on the tank's environment

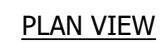
Technical informations

- Burrial depth: According to the geotechnical installation conditions
- Inside Diameter : 92.25
- (If required) Quantity of fiberglass anchoring straps : 9
- (If required) Quantity of reinforced concrete deadman anchors : 18
- 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
- Manufactured according to NSF-61 requirements for drinking water
- Airtightness test performed at the factory at 35 kPa

The tank must be installed in accordance with the manufacturer's instructions.

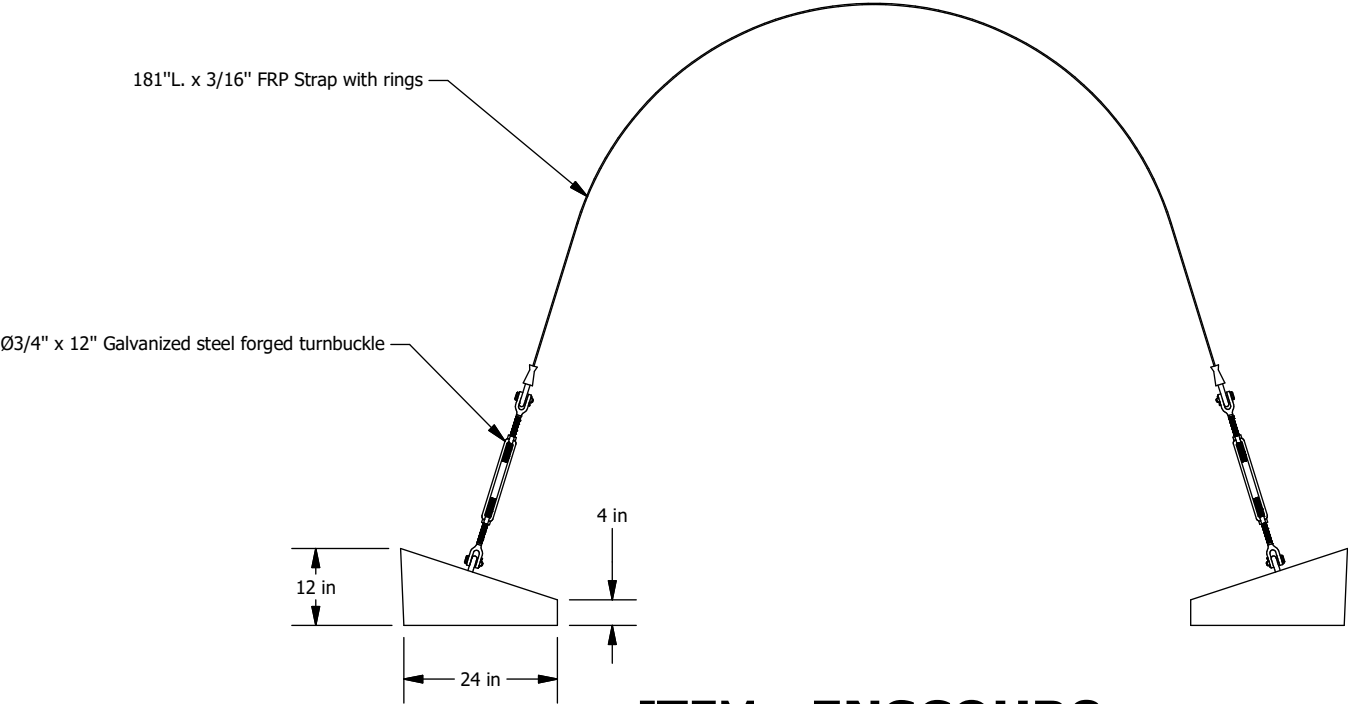
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TOLERANCES (LINEAR)			 GRANBY COMPOSITES			Revision description				
FEET DIM. -> ± 1% 0.0 -> ± 0.5"						0.00 -> ± 0.25" 0.000 -> ± 0.125"				
TOLERANCES (ANGULAR)			Drawn by O. Marin			Format B			Part no. NN08440842EP	REV 02.
0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG.						19/12/2023				
Weight : 7705 Lb			Approved by :			Title				
Client			# Project			Sheet			8' Dia. TANK - 22786 US gal	
						2 / 4				



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TOLERANCES (LINEAR) FEET DIM. -> $\pm 1\%$ 0.00 -> $\pm 0.25"$ 0.0 -> $\pm 0.5"$ 0.000 -> $\pm 0.125"$		GRANBY COMPOSITES Drawn by O. Marin 19/12/2023 Approved by :
TOLERANCES (ANGULAR) 0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG. 0.00 -> ± 0.1 DEG.		
Weight : 7705 Lb		
Client	# Projct	
Revision description Format B Part no. NN08440842EP REV 02		Title 8' Dia. TANK - 22786 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)						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 NN08440842 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	602	12	1689	18	3064	24	4643	30	6368	36	8193	42	10080	48	11991	54	13891	60	15744
1/8	2	6 1/8	621	12 1/8	1715	18 1/8	3095	24 1/8	4677	30 1/8	6405	36 1/8	8232	42 1/8	10120	48 1/8	12031	54 1/8	13930	60 1/8	15782
1/4	6	6 1/4	640	12 1/4	1741	18 1/4	3126	24 1/4	4712	30 1/4	6442	36 1/4	8271	42 1/4	10159	48 1/4	12071	54 1/4	13969	60 1/4	15820
3/8	10	6 3/8	659	12 3/8	1768	18 3/8	3158	24 3/8	4747	30 3/8	6479	36 3/8	8310	42 3/8	10199	48 3/8	12110	54 3/8	14009	60 3/8	15857
1/2	15	6 1/2	678	12 1/2	1794	18 1/2	3189	24 1/2	4782	30 1/2	6517	36 1/2	8349	42 1/2	10239	48 1/2	12150	54 1/2	14048	60 1/2	15895
5/8	21	6 5/8	698	12 5/8	1821	18 5/8	3220	24 5/8	4817	30 5/8	6554	36 5/8	8388	42 5/8	10278	48 5/8	12190	54 5/8	14087	60 5/8	15933
3/4	27	6 3/4	718	12 3/4	1847	18 3/4	3252	24 3/4	4851	30 3/4	6591	36 3/4	8427	42 3/4	10318	48 3/4	12230	54 3/4	14126	60 3/4	15970
7/8	34	6 7/8	738	12 7/8	1874	18 7/8	3283	24 7/8	4886	30 7/8	6629	36 7/8	8466	42 7/8	10358	48 7/8	12270	54 7/8	14165	60 7/8	16008
1	41	7	758	13	1901	19	3315	25	4922	31	6666	37	8505	43	10398	49	12309	55	14204	61	16046
1 1/8	49	7 1/8	778	13 1/8	1928	19 1/8	3347	25 1/8	4957	31 1/8	6704	37 1/8	8544	43 1/8	10437	49 1/8	12349	55 1/8	14243	61 1/8	16083
1 1/4	57	7 1/4	799	13 1/4	1955	19 1/4	3378	25 1/4	4992	31 1/4	6741	37 1/4	8583	43 1/4	10477	49 1/4	12389	55 1/4	14282	61 1/4	16121
1 3/8	66	7 3/8	819	13 3/8	1983	19 3/8	3410	25 3/8	5027	31 3/8	6779	37 3/8	8622	43 3/8	10517	49 3/8	12429	55 3/8	14321	61 3/8	16158
1 1/2	75	7 1/2	840	13 1/2	2010	19 1/2	3442	25 1/2	5062	31 1/2	6816	37 1/2	8661	43 1/2	10557	49 1/2	12468	55 1/2	14360	61 1/2	16195
1 5/8	85	7 5/8	861	13 5/8	2037	19 5/8	3474	25 5/8	5098	31 5/8	6854	37 5/8	8700	43 5/8	10597	49 5/8	12508	55 5/8	14399	61 5/8	16233
1 3/4	95	7 3/4	882	13 3/4	2065	19 3/4	3507	25 3/4	5133	31 3/4	6892	37 3/4	8739	43 3/4	10636	49 3/4	12548	55 3/4	14438	61 3/4	16270
1 7/8	105	7 7/8	904	13 7/8	2093	19 7/8	3539	25 7/8	5168	31 7/8	6929	37 7/8	8778	43 7/8	10676	49 7/8	12588	55 7/8	14477	61 7/8	16307
2	116	8	925	14	2121	20	3571	26	5204	32	6967	38	8817	44	10716	50	12627	56	14516	62	16345
2 1/8	127	8 1/8	947	14 1/8	2149	20 1/8	3603	26 1/8	5240	32 1/8	7005	38 1/8	8856	44 1/8	10756	50 1/8	12667	56 1/8	14555	62 1/8	16382
2 1/4	138	8 1/4	968	14 1/4	2177	20 1/4	3636	26 1/4	5275	32 1/4	7043	38 1/4	8896	44 1/4	10796	50 1/4	12707	56 1/4	14593	62 1/4	16419
2 3/8	150	8 3/8	990	14 3/8	2205	20 3/8	3668	26 3/8	5311	32 3/8	7081	38 3/8	8935	44 3/8	10835	50 3/8	12746	56 3/8	14632	62 3/8	16456
2 1/2	162	8 1/2	1012	14 1/2	2233	20 1/2	3701	26 1/2	5347	32 1/2	7119	38 1/2	8974	44 1/2	10875	50 1/2	12786	56 1/2	14671	62 1/2	16493
2 5/8	174	8 5/8	1035	14 5/8	2261	20 5/8	3734	26 5/8	5382	32 5/8	7156	38 5/8	9013	44 5/8	10915	50 5/8	12826	56 5/8	14710	62 5/8	16530
2 3/4	187	8 3/4	1057	14 3/4	2290	20 3/4	3766	26 3/4	5418	32 3/4	7194	38 3/4	9053	44 3/4	10955	50 3/4	12865	56 3/4	14748	62 3/4	16567
2 7/8	200	8 7/8	1080	14 7/8	2318	20 7/8	3799	26 7/8	5454	32 7/8	7232	38 7/8	9092	44 7/8	10995	50 7/8	12905	56 7/8	14787	62 7/8	16604
3	213	9	1102	15	2347	21	3832	27	5490	33	7270	39	9131	45	11035	51	12945	57	14826	63	16641
3 1/8	227	9 1/8	1125	15 1/8	2376	21 1/8	3865	27 1/8	5526	33 1/8	7309	39 1/8	9171	45 1/8	11074	51 1/8	12984	57 1/8	14864	63 1/8	16678
3 1/4	240	9 1/4	1148	15 1/4	2405	21 1/4	3898	27 1/4	5562	33 1/4	7347	39 1/4	9210	45 1/4	11114	51 1/4	13024	57 1/4	14903	63 1/4	16715
3 3/8	254	9 3/8	1171	15 3/8	2434	21 3/8	3931	27 3/8	5598	33 3/8	7385	39 3/8	9249	45 3/8	11154	51 3/8	13063	57 3/8	14941	63 3/8	16751
3 1/2	269	9 1/2	1195	15 1/2	2463	21 1/2	3964	27 1/2	5634	33 1/2	7423	39 1/2	9289	45 1/2	11194	51 1/2	13103	57 1/2	14980	63 1/2	16788
3 5/8	283	9 5/8	1218	15 5/8	2492	21 5/8	3998	27 5/8	5671	33 5/8	7461	39 5/8	9328	45 5/8	11234	51 5/8	13143	57 5/8	15018	63 5/8	16825
3 3/4	298	9 3/4	1242	15 3/4	2521	21 3/4	4031	27 3/4	5707	33 3/4	7500	39 3/4	9368	45 3/4	11274	51 3/4	13182	57 3/4	15057	63 3/4	16861
3 7/8	313	9 7/8	1265	15 7/8	2550	21 7/8	4064	27 7/8	5743	33 7/8	7538	39 7/8	9407	45 7/8	11314	51 7/8	13222	57 7/8	15095	63 7/8	16898
4	328	10	1289	16	2580	22	4098	28	5779	34	7576	40	9447	46	11353	52	13261	58	15134	64	16934
4 1/8	343	10 1/8	1313	16 1/8	2609	22 1/8	4131	28 1/8	5816	34 1/8	7614	40 1/8	9486	46 1/8	11393	52 1/8	13301	58 1/8	15172	64 1/8	16971
4 1/4	359	10 1/4	1337	16 1/4	2639	22 1/4	4165	28 1/4	5852	34 1/4	7653	40 1/4	9526	46 1/4	11433	52 1/4	13340	58 1/4	15211	64 1/4	17007
4 3/8	375	10 3/8	1362	16 3/8	2669	22 3/8	4199	28 3/8	5889	34 3/8	7691	40 3/8	9565	46 3/8	11473	52 3/8	13380	58 3/8	15249	64 3/8	17044
4 1/2	391	10 1/2	1386	16 1/2	2699	22 1/2	4233	28 1/2	5925	34 1/2	7730	40 1/2	9605	46 1/2	11513	52 1/2	13419	58 1/2	15287	64 1/2	17080
4 5/8	408	10 5/8	1411	16 5/8	2729	22 5/8	4266	28 5/8	5962	34 5/8	7768	40 5/8	9644	46 5/8	11553	52 5/8	13458	58 5/8	15325	64 5/8	17116
4 3/4	424	10 3/4	1435	16 3/4	2759	22 3/4	4300	28 3/4	5999	34 3/4	7807	40 3/4	9684	46 3/4	11593	52 3/4	13498	58 3/4	15364	64 3/4	17152
4 7/8	441	10 7/8	1460	16 7/8	2789	22 7/8	4334	28 7/8	6035	34 7/8	7845	40 7/8	9723	46 7/8	11632	52 7/8	13537	58 7/8	15402	64 7/8	17188
5	458	11	1485	17	2819	23	4368	29	6072	35	7884	41	9763	47	11672	53	13577	59	15440	65	17225
5 1/8	475	11 1/8	1510	17 1/8	2849	23 1/8	4402	29 1/8	6109	35 1/8	7922	41 1/8	9802	47 1/8	11712	53 1/8	13616	59 1/8	15478	65 1/8	17261
5 1/4	493	11 1/4	1535	17 1/4	2880	23 1/4	4436	29 1/4	6146	35 1/4	7961	41 1/4	9842	47 1/4	11752	53 1/4	13655	59 1/4	15516	65 1/4	17297
5 3/8	511	11 3/8	1561	17 3/8	2910	23 3/8	4471	29 3/8	6183	35 3/8	8000	41 3/8	9882	47 3/8	11792	53 3/8	13695	59 3/8	15554	65 3/8	17333
5 1/2	528	11 1/2	1586	17 1/2	2941	23 1/2	4505	29 1/2	6220	35 1/2	8038	41 1/2	9921	47 1/2	11832	53 1/2	13734	59 1/2	15592	65 1/2	17368
5 5/8	547	11 5/8	1612	17 5/8	2972	23 5/8	4539	29 5/8	6257	35 5/8	8077	41 5/8	9961	47 5/8	11872	53 5/8	13773	59 5/8	15630	65 5/8	17404
5 3/4	565	11 3/4	1637	17 3/4	3002	23 3/4	4574	29 3/4	6294	35 3/4	8116	41 3/4	10001	47 3/4	11911	53 3/4	13813	59 3/4	15668	65 3/4	17440
5 7/8	583	11 7/8	1663	17 7/8	3033	23 7/8	4608	29 7/8	6331	35 7/8	8155	41 7/8	10040	47 7/8	11951	53 7/8	13852	59 7/8	15706	65 7/8	17476

** PRECISION IS ABOUT +/- 1%



CAPACITY CHART FOR NN08440842 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	17511	69	18350	72	19151	75	19907	78	20610	81	21251	84	21818	87	22294	90	22648				
66 1/8	17547	69 1/8	18384	72 1/8	19183	75 1/8	19937	78 1/8	20638	81 1/8	21277	84 1/8	21840	87 1/8	22311	90 1/8	22660				
66 1/4	17583	69 1/4	18418	72 1/4	19216	75 1/4	19968	78 1/4	20666	81 1/4	21302	84 1/4	21862	87 1/4	22328	90 1/4	22671				
66 3/8	17618	69 3/8	18452	72 3/8	19248	75 3/8	19998	78 3/8	20694	81 3/8	21327	84 3/8	21883	87 3/8	22345	90 3/8	22681				
66 1/2	17654	69 1/2	18486	72 1/2	19280	75 1/2	20028	78 1/2	20722	81 1/2	21351	84 1/2	21904	87 1/2	22362	90 1/2	22692				
66 5/8	17689	69 5/8	18520	72 5/8	19312	75 5/8	20058	78 5/8	20749	81 5/8	21376	84 5/8	21926	87 5/8	22379	90 5/8	22702				
66 3/4	17724	69 3/4	18554	72 3/4	19344	75 3/4	20088	78 3/4	20777	81 3/4	21401	84 3/4	21947	87 3/4	22395	90 3/4	22711				
66 7/8	17760	69 7/8	18588	72 7/8	19376	75 7/8	20118	78 7/8	20804	81 7/8	21425	84 7/8	21967	87 7/8	22411	90 7/8	22720				
67	17795	70	18622	73	19408	76	20147	79	20831	82	21449	85	21988	88	22427	91	22729				
67 1/8	17830	70 1/8	18655	73 1/8	19440	76 1/8	20177	79 1/8	20858	82 1/8	21473	85 1/8	22008	88 1/8	22443	91 1/8	22738				
67 1/4	17865	70 1/4	18689	73 1/4	19472	76 1/4	20207	79 1/4	20885	82 1/4	21497	85 1/4	22029	88 1/4	22459	91 1/4	22745				
67 3/8	17900	70 3/8	18722	73 3/8	19503	76 3/8	20236	79 3/8	20912	82 3/8	21521	85 3/8	22049	88 3/8	22474	91 3/8	22753				
67 1/2	17935	70 1/2	18756	73 1/2	19535	76 1/2	20266	79 1/2	20939	82 1/2	21545	85 1/2	22069	88 1/2	22489	91 1/2	22760				
67 5/8	17970	70 5/8	18789	73 5/8	19566	76 5/8	20295	79 5/8	20966	82 5/8	21569	85 5/8	22089	88 5/8	22504	91 5/8	22766				
67 3/4	18005	70 3/4	18822	73 3/4	19598	76 3/4	20324	79 3/4	20992	82 3/4	21592	85 3/4	22108	88 3/4	22518	91 3/4	22772				
67 7/8	18040	70 7/8	18855	73 7/8	19629	76 7/8	20353	79 7/8	21019	82 7/8	21615	85 7/8	22128	88 7/8	22532	91 7/8	22777				
68	18074	71	18889	74	19660	77	20382	80	21045	83	21638	86	22147	89	22546	92	22781				
68 1/8	18109	71 1/8	18922	74 1/8	19691	77 1/8	20411	80 1/8	21071	83 1/8	21661	86 1/8	22166	89 1/8	22560	92 1/8	22784				
68 1/4	18144	71 1/4	18955	74 1/4	19722	77 1/4	20440	80 1/4	21097	83 1/4	21684	86 1/4	22185	89 1/4	22574	92 1/4	22786				
68 3/8	18178	71 3/8	18987	74 3/8	19753	77 3/8	20468	80 3/8	21123	83 3/8	21707	86 3/8	22203	89 3/8	22587	92 3/8	22786				
68 1/2	18213	71 1/2	19020	74 1/2	19784	77 1/2	20497	80 1/2	21149	83 1/2	21730	86 1/2	22222	89 1/2	22600						
68 5/8	18247	71 5/8	19053	74 5/8	19815	77 5/8	20525	80 5/8	21175	83 5/8	21752	86 5/8	22240	89 5/8	22612						
68 3/4	18282	71 3/4	19086	74 3/4	19846	77 3/4	20554	80 3/4	21201	83 3/4	21774	86 3/4	22258	89 3/4	22624						
68 7/8	18316	71 7/8	19118	74 7/8	19876	77 7/8	20582	80 7/8	21226	83 7/8	21796	86 7/8	22276	89 7/8	22636						

** PRECISION IS ABOUT +/- 1%