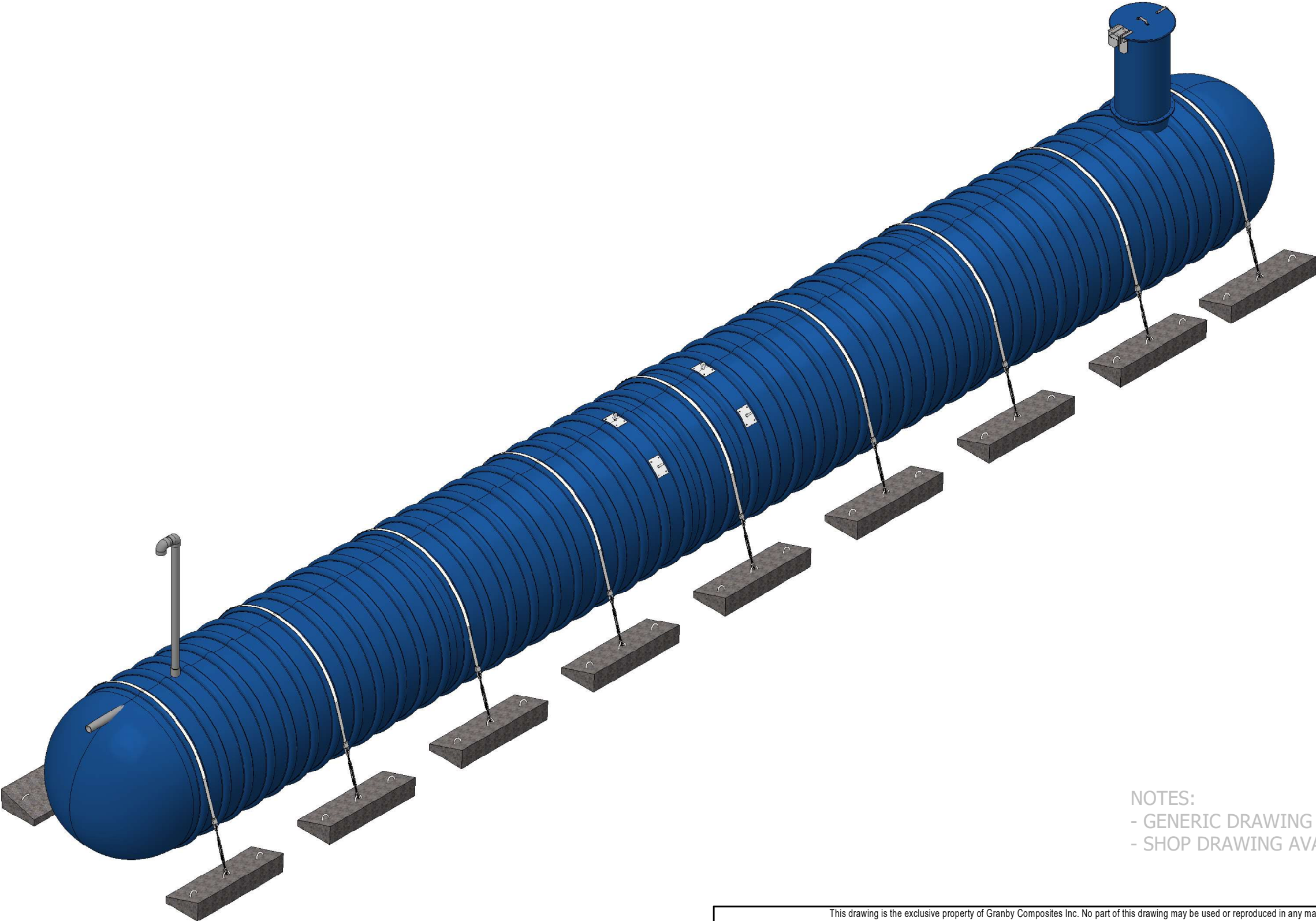


NN08480917EP

FIBERGLASS TANK

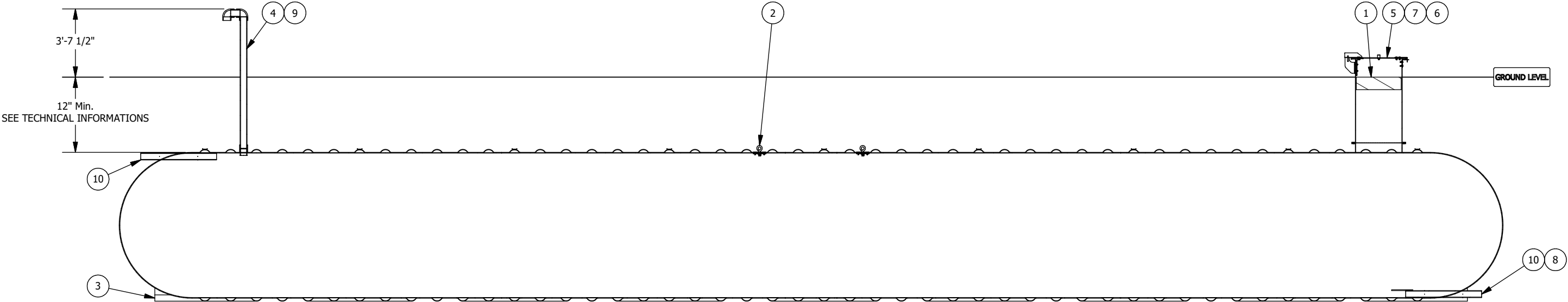
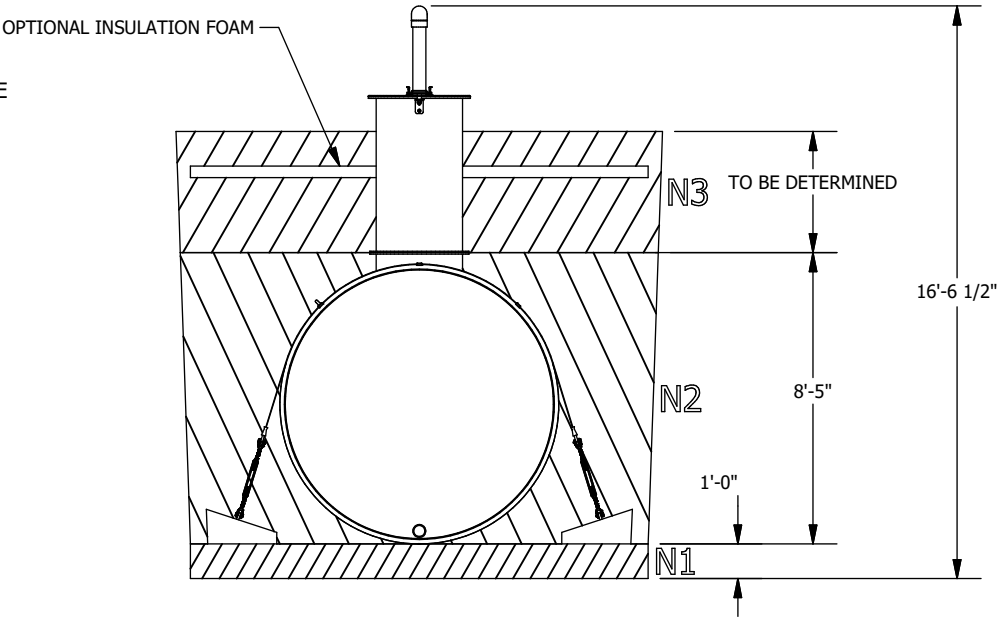


NOTES:
 - GENERIC DRAWING FOR REFERENCE ONLY
 - SHOP DRAWING AVAILABLE ON REQUEST

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TOLERANCES (LINEAR)		 GRANBY COMPOSITES		Revision description	
FEET DIM. -> ± 1% 0.0 -> ± 0.5"				Format B Part no. NN08480917EP REV 02.	
TOLERANCES (ANGULAR)		Drawn by O. Marin 19/12/2023		Title 8' Dia. TANK - 24696 US gal	
0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG.		Approved by :			
Weight : 8308 Lb					
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

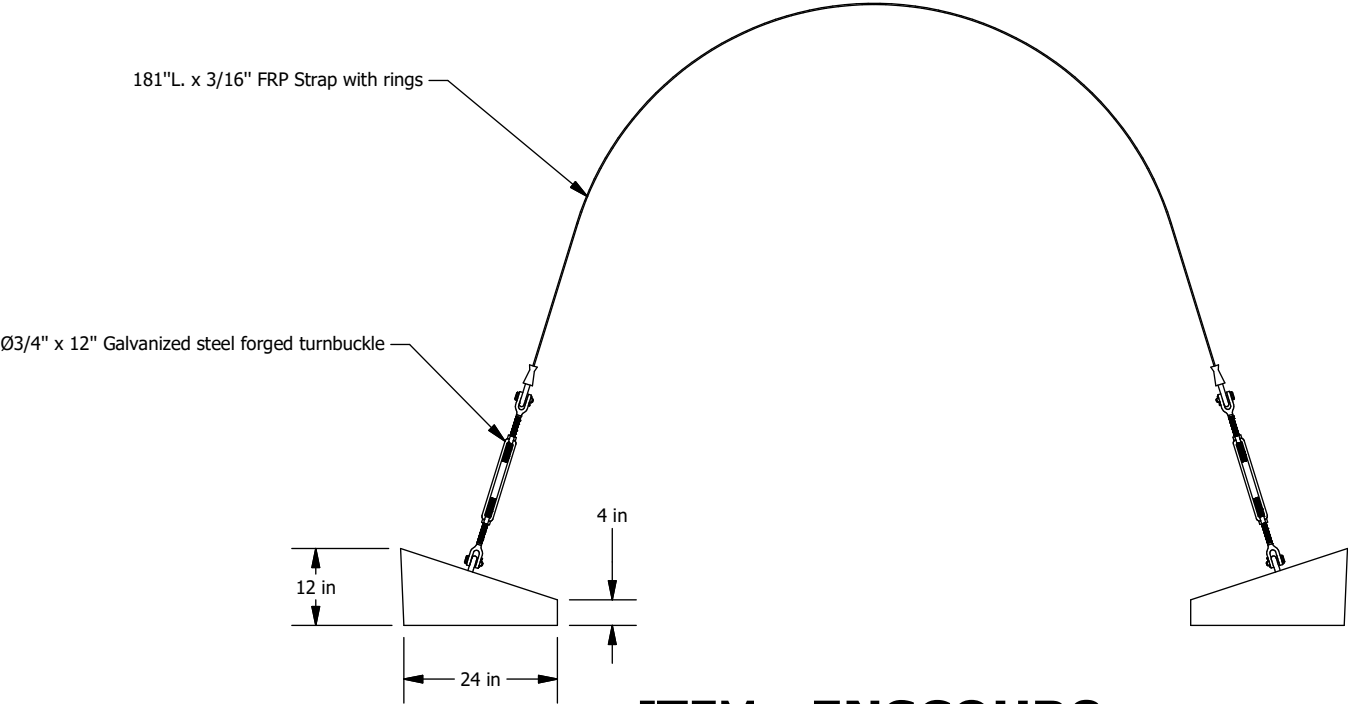
Technical informations

- 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) FEET DIM. -> ± 1% 0.0 -> ± 0.5" 0.00 -> ± 0.25" 0.000 -> ± 0.125"		 GRANBY COMPOSITES	Revision description		
			Format B	Part no. NN08480917EP	REV 02 .
TOLERANCES (ANGULAR) 0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG. 0.00 -> ± 0.1 DEG.		Drawn by O. Marin	19/12/2023		
Weight : 8308 Lb		Approved by :	Title		
Client		# Project	8' Dia. TANK - 24696 US gal		
			Sheet 2 / 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) 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 ANCHORING KIT		
Weight :				Approved by :						
Client			# Projet			Sheet 4 / 4				



CAPACITY CHART FOR NN08480917 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	655	12	1835	18	3327	24	5038	30	6906	36	8883	42	10926	48	12995	54	15052	60	17059
1/8	2	6 1/8	675	12 1/8	1864	18 1/8	3360	24 1/8	5075	30 1/8	6947	36 1/8	8925	42 1/8	10969	48 1/8	13038	54 1/8	15095	60 1/8	17100
1/4	6	6 1/4	696	12 1/4	1892	18 1/4	3394	24 1/4	5113	30 1/4	6987	36 1/4	8967	42 1/4	11012	48 1/4	13081	54 1/4	15137	60 1/4	17141
3/8	11	6 3/8	717	12 3/8	1921	18 3/8	3428	24 3/8	5150	30 3/8	7027	36 3/8	9010	42 3/8	11055	48 3/8	13125	54 3/8	15180	60 3/8	17182
1/2	16	6 1/2	738	12 1/2	1949	18 1/2	3462	24 1/2	5188	30 1/2	7068	36 1/2	9052	42 1/2	11098	48 1/2	13168	54 1/2	15222	60 1/2	17223
5/8	22	6 5/8	759	12 5/8	1978	18 5/8	3496	24 5/8	5226	30 5/8	7108	36 5/8	9094	42 5/8	11141	48 5/8	13211	54 5/8	15264	60 5/8	17263
3/4	29	6 3/4	781	12 3/4	2007	18 3/4	3530	24 3/4	5264	30 3/4	7148	36 3/4	9136	42 3/4	11184	48 3/4	13254	54 3/4	15307	60 3/4	17304
7/8	37	6 7/8	802	12 7/8	2036	18 7/8	3564	24 7/8	5302	30 7/8	7189	36 7/8	9178	42 7/8	11227	48 7/8	13297	54 7/8	15349	60 7/8	17345
1	45	7	824	13	2065	19	3599	25	5340	31	7230	37	9220	43	11270	49	13340	55	15391	61	17385
1 1/8	53	7 1/8	846	13 1/8	2095	19 1/8	3633	25 1/8	5378	31 1/8	7270	37 1/8	9263	43 1/8	11313	49 1/8	13383	55 1/8	15434	61 1/8	17426
1 1/4	63	7 1/4	868	13 1/4	2124	19 1/4	3667	25 1/4	5416	31 1/4	7311	37 1/4	9305	43 1/4	11356	49 1/4	13426	55 1/4	15476	61 1/4	17467
1 3/8	72	7 3/8	891	13 3/8	2154	19 3/8	3702	25 3/8	5454	31 3/8	7351	37 3/8	9347	43 3/8	11399	49 3/8	13469	55 3/8	15518	61 3/8	17507
1 1/2	82	7 1/2	913	13 1/2	2183	19 1/2	3737	25 1/2	5492	31 1/2	7392	37 1/2	9390	43 1/2	11442	49 1/2	13512	55 1/2	15560	61 1/2	17548
1 5/8	93	7 5/8	936	13 5/8	2213	19 5/8	3771	25 5/8	5530	31 5/8	7433	37 5/8	9432	43 5/8	11486	49 5/8	13555	55 5/8	15602	61 5/8	17588
1 3/4	103	7 3/4	959	13 3/4	2243	19 3/4	3806	25 3/4	5569	31 3/4	7474	37 3/4	9474	43 3/4	11529	49 3/4	13598	55 3/4	15645	61 3/4	17629
1 7/8	115	7 7/8	982	13 7/8	2273	19 7/8	3841	25 7/8	5607	31 7/8	7515	37 7/8	9517	43 7/8	11572	49 7/8	13641	55 7/8	15687	61 7/8	17669
2	126	8	1006	14	2303	20	3876	26	5646	32	7556	38	9559	44	11615	50	13684	56	15729	62	17709
2 1/8	138	8 1/8	1029	14 1/8	2334	20 1/8	3911	26 1/8	5684	32 1/8	7596	38 1/8	9601	44 1/8	11658	50 1/8	13727	56 1/8	15771	62 1/8	17750
2 1/4	151	8 1/4	1053	14 1/4	2364	20 1/4	3946	26 1/4	5723	32 1/4	7637	38 1/4	9644	44 1/4	11701	50 1/4	13770	56 1/4	15813	62 1/4	17790
2 3/8	163	8 3/8	1077	14 3/8	2394	20 3/8	3982	26 3/8	5761	32 3/8	7678	38 3/8	9686	44 3/8	11744	50 3/8	13813	56 3/8	15855	62 3/8	17830
2 1/2	176	8 1/2	1101	14 1/2	2425	20 1/2	4017	26 1/2	5800	32 1/2	7720	38 1/2	9729	44 1/2	11787	50 1/2	13856	56 1/2	15897	62 1/2	17870
2 5/8	190	8 5/8	1125	14 5/8	2456	20 5/8	4052	26 5/8	5839	32 5/8	7761	38 5/8	9771	44 5/8	11830	50 5/8	13899	56 5/8	15939	62 5/8	17910
2 3/4	204	8 3/4	1149	14 3/4	2487	20 3/4	4088	26 3/4	5878	32 3/4	7802	38 3/4	9814	44 3/4	11874	50 3/4	13942	56 3/4	15981	62 3/4	17950
2 7/8	218	8 7/8	1174	14 7/8	2518	20 7/8	4123	26 7/8	5917	32 7/8	7843	38 7/8	9857	44 7/8	11917	50 7/8	13985	56 7/8	16023	62 7/8	17990
3	232	9	1198	15	2549	21	4159	27	5956	33	7884	39	9899	45	11960	51	14028	57	16064	63	18030
3 1/8	247	9 1/8	1223	15 1/8	2580	21 1/8	4195	27 1/8	5995	33 1/8	7925	39 1/8	9942	45 1/8	12003	51 1/8	14071	57 1/8	16106	63 1/8	18070
3 1/4	261	9 1/4	1248	15 1/4	2611	21 1/4	4231	27 1/4	6034	33 1/4	7967	39 1/4	9984	45 1/4	12046	51 1/4	14113	57 1/4	16148	63 1/4	18110
3 3/8	277	9 3/8	1273	15 3/8	2643	21 3/8	4267	27 3/8	6073	33 3/8	8008	39 3/8	10027	45 3/8	12089	51 3/8	14156	57 3/8	16190	63 3/8	18150
3 1/2	292	9 1/2	1298	15 1/2	2674	21 1/2	4302	27 1/2	6112	33 1/2	8049	39 1/2	10070	45 1/2	12132	51 1/2	14199	57 1/2	16232	63 1/2	18190
3 5/8	308	9 5/8	1324	15 5/8	2706	21 5/8	4339	27 5/8	6151	33 5/8	8091	39 5/8	10112	45 5/8	12176	51 5/8	14242	57 5/8	16273	63 5/8	18229
3 3/4	324	9 3/4	1349	15 3/4	2738	21 3/4	4375	27 3/4	6190	33 3/4	8132	39 3/4	10155	45 3/4	12219	51 3/4	14285	57 3/4	16315	63 3/4	18269
3 7/8	340	9 7/8	1375	15 7/8	2770	21 7/8	4411	27 7/8	6230	33 7/8	8174	39 7/8	10198	45 7/8	12262	51 7/8	14328	57 7/8	16357	63 7/8	18309
4	357	10	1401	16	2801	22	4447	28	6269	34	8215	40	10240	46	12305	52	14370	58	16398	64	18348
4 1/8	374	10 1/8	1427	16 1/8	2834	22 1/8	4484	28 1/8	6309	34 1/8	8257	40 1/8	10283	46 1/8	12348	52 1/8	14413	58 1/8	16440	64 1/8	18388
4 1/4	391	10 1/4	1453	16 1/4	2866	22 1/4	4520	28 1/4	6348	34 1/4	8298	40 1/4	10326	46 1/4	12391	52 1/4	14456	58 1/4	16481	64 1/4	18427
4 3/8	408	10 3/8	1480	16 3/8	2898	22 3/8	4556	28 3/8	6388	34 3/8	8340	40 3/8	10369	46 3/8	12434	52 3/8	14499	58 3/8	16523	64 3/8	18466
4 1/2	426	10 1/2	1506	16 1/2	2930	22 1/2	4593	28 1/2	6427	34 1/2	8381	40 1/2	10412	46 1/2	12478	52 1/2	14541	58 1/2	16564	64 1/2	18506
4 5/8	444	10 5/8	1533	16 5/8	2963	22 5/8	4630	28 5/8	6467	34 5/8	8423	40 5/8	10454	46 5/8	12521	52 5/8	14584	58 5/8	16606	64 5/8	18545
4 3/4	462	10 3/4	1560	16 3/4	2995	22 3/4	4666	28 3/4	6507	34 3/4	8465	40 3/4	10497	46 3/4	12564	52 3/4	14627	58 3/4	16647	64 3/4	18584
4 7/8	480	10 7/8	1587	16 7/8	3028	22 7/8	4703	28 7/8	6546	34 7/8	8506	40 7/8	10540	46 7/8	12607	52 7/8	14669	58 7/8	16688	64 7/8	18623
5	498	11	1614	17	3061	23	4740	29	6586	35	8548	41	10583	47	12650	53	14712	59	16730	65	18663
5 1/8	517	11 1/8	1641	17 1/8	3094	23 1/8	4777	29 1/8	6626	35 1/8	8590	41 1/8	10626	47 1/8	12693	53 1/8	14755	59 1/8	16771	65 1/8	18702
5 1/4	536	11 1/4	1668	17 1/4	3127	23 1/4	4814	29 1/4	6666	35 1/4	8632	41 1/4	10669	47 1/4	12736	53 1/4	14797	59 1/4	16812	65 1/4	18741
5 3/8	555	11 3/8	1696	17 3/8	3160	23 3/8	4851	29 3/8	6706	35 3/8	8674	41 3/8	10711	47 3/8	12780	53 3/8	14840	59 3/8	16853	65 3/8	18780
5 1/2	575	11 1/2	1723	17 1/2	3193	23 1/2	4888	29 1/2	6746	35 1/2	8716	41 1/2	10754	47 1/2	12823	53 1/2	14882	59 1/2	16895	65 1/2	18818
5 5/8	594	11 5/8	1751	17 5/8	3226	23 5/8	4926	29 5/8	6786	35 5/8	8757	41 5/8	10797	47 5/8	12866	53 5/8	14925	59 5/8	16936	65 5/8	18857
5 3/4	614	11 3/4	1779	17 3/4	3260	23 3/4	4963	29 3/4	6826	35 3/4	8799	41 3/4	10840	47 3/4	12909	53 3/4	14967	59 3/4	16977	65 3/4	18896
5 7/8	634	11 7/8	1807	17 7/8	3293	23 7/8	5000	29 7/8	6866	35 7/8	8841	41 7/8	10883	47 7/8	12952	53 7/8	15010	59 7/8	17018	65 7/8	18935

** PRECISION IS ABOUT +/- 1%



CAPACITY CHART FOR NN08480917 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	18973	69	19882	72	20750	75	21570	78	22332	81	23028	84	23644	87	24160	90	24546				
66 1/8	19012	69 1/8	19919	72 1/8	20785	75 1/8	21603	78 1/8	22363	81 1/8	23055	84 1/8	23667	87 1/8	24179	90 1/8	24558				
66 1/4	19051	69 1/4	19956	72 1/4	20820	75 1/4	21635	78 1/4	22393	81 1/4	23083	84 1/4	23691	87 1/4	24198	90 1/4	24570				
66 3/8	19089	69 3/8	19993	72 3/8	20855	75 3/8	21668	78 3/8	22423	81 3/8	23110	84 3/8	23714	87 3/8	24216	90 3/8	24582				
66 1/2	19127	69 1/2	20030	72 1/2	20890	75 1/2	21701	78 1/2	22453	81 1/2	23137	84 1/2	23737	87 1/2	24235	90 1/2	24593				
66 5/8	19166	69 5/8	20067	72 5/8	20925	75 5/8	21733	78 5/8	22483	81 5/8	23163	84 5/8	23760	87 5/8	24253	90 5/8	24604				
66 3/4	19204	69 3/4	20103	72 3/4	20960	75 3/4	21766	78 3/4	22513	81 3/4	23190	84 3/4	23783	87 3/4	24271	90 3/4	24614				
66 7/8	19242	69 7/8	20140	72 7/8	20994	75 7/8	21798	78 7/8	22543	81 7/8	23217	84 7/8	23806	87 7/8	24288	90 7/8	24624				
67	19280	70	20176	73	21029	76	21831	79	22572	82	23243	85	23828	88	24305	91	24634				
67 1/8	19319	70 1/8	20213	73 1/8	21063	76 1/8	21863	79 1/8	22602	82 1/8	23269	85 1/8	23850	88 1/8	24323	91 1/8	24643				
67 1/4	19357	70 1/4	20249	73 1/4	21098	76 1/4	21895	79 1/4	22631	82 1/4	23295	85 1/4	23872	88 1/4	24339	91 1/4	24651				
67 3/8	19395	70 3/8	20285	73 3/8	21132	76 3/8	21927	79 3/8	22660	82 3/8	23321	85 3/8	23894	88 3/8	24356	91 3/8	24659				
67 1/2	19433	70 1/2	20322	73 1/2	21166	76 1/2	21959	79 1/2	22689	82 1/2	23347	85 1/2	23916	88 1/2	24372	91 1/2	24667				
67 5/8	19470	70 5/8	20358	73 5/8	21200	76 5/8	21990	79 5/8	22718	82 5/8	23372	85 5/8	23937	88 5/8	24388	91 5/8	24674				
67 3/4	19508	70 3/4	20394	73 3/4	21234	76 3/4	22022	79 3/4	22747	82 3/4	23398	85 3/4	23958	88 3/4	24404	91 3/4	24680				
67 7/8	19546	70 7/8	20430	73 7/8	21268	76 7/8	22054	79 7/8	22776	82 7/8	23423	85 7/8	23980	88 7/8	24420	91 7/8	24686				
68	19583	71	20466	74	21302	77	22085	80	22804	83	23448	86	24000	89	24435	92	24690				
68 1/8	19621	71 1/8	20502	74 1/8	21336	77 1/8	22116	80 1/8	22833	83 1/8	23473	86 1/8	24021	89 1/8	24450	92 1/8	24694				
68 1/4	19659	71 1/4	20537	74 1/4	21370	77 1/4	22147	80 1/4	22861	83 1/4	23498	86 1/4	24042	89 1/4	24464	92 1/4	24696				
68 3/8	19696	71 3/8	20573	74 3/8	21403	77 3/8	22179	80 3/8	22889	83 3/8	23523	86 3/8	24062	89 3/8	24479	92 3/8	24696				
68 1/2	19733	71 1/2	20608	74 1/2	21437	77 1/2	22210	80 1/2	22917	83 1/2	23547	86 1/2	24082	89 1/2	24493						
68 5/8	19771	71 5/8	20644	74 5/8	21470	77 5/8	22240	80 5/8	22945	83 5/8	23572	86 5/8	24102	89 5/8	24506						
68 3/4	19808	71 3/4	20679	74 3/4	21503	77 3/4	22271	80 3/4	22973	83 3/4	23596	86 3/4	24121	89 3/4	24520						
68 7/8	19845	71 7/8	20715	74 7/8	21536	77 7/8	22302	80 7/8	23001	83 7/8	23620	86 7/8	24141	89 7/8	24533						

** PRECISION IS ABOUT +/- 1%