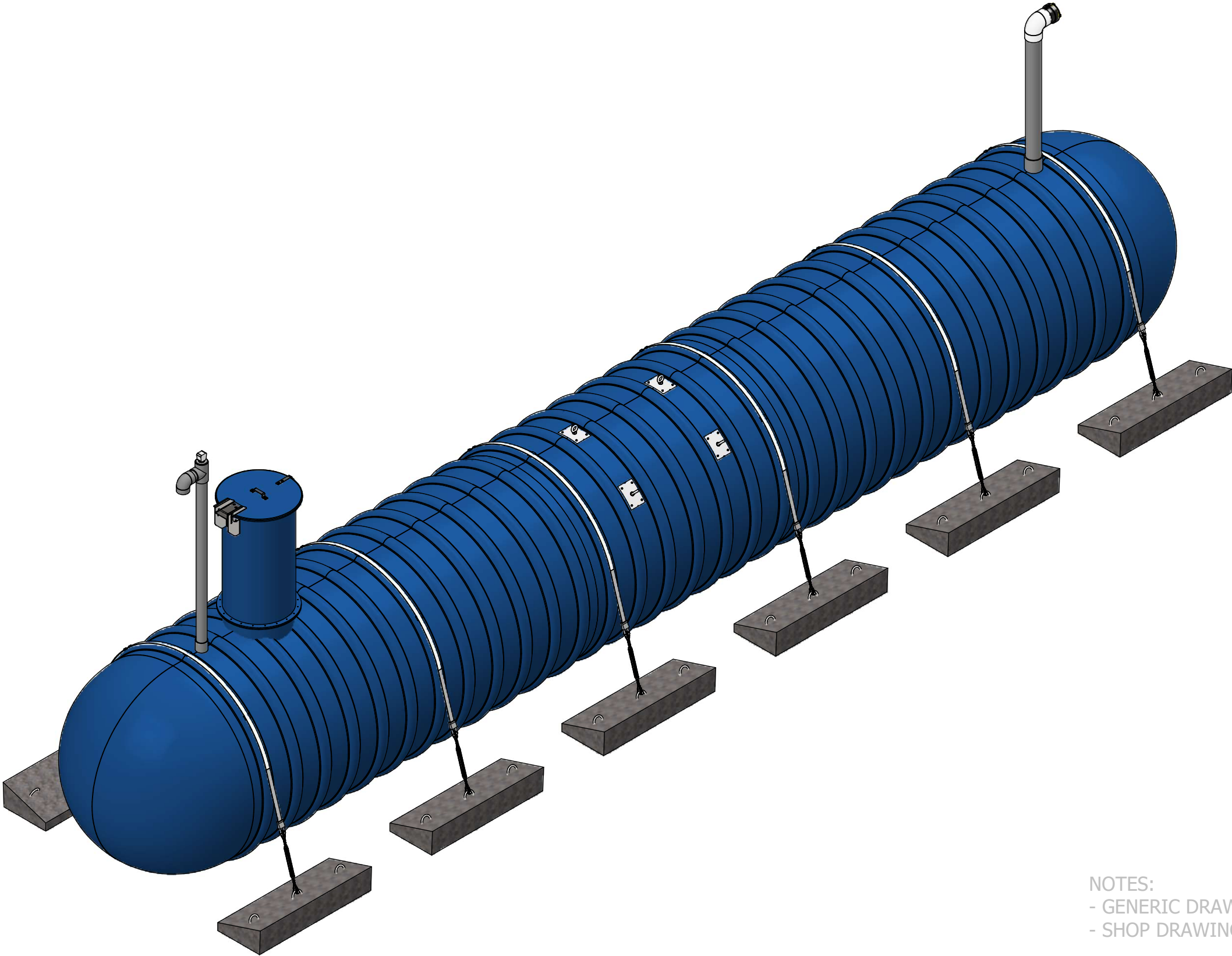


NN08310609FP

FIBERGLASS TANK
 TOTAL CAPACITY : 16580 US gal
 NET CAPACITY : 16150 US gal

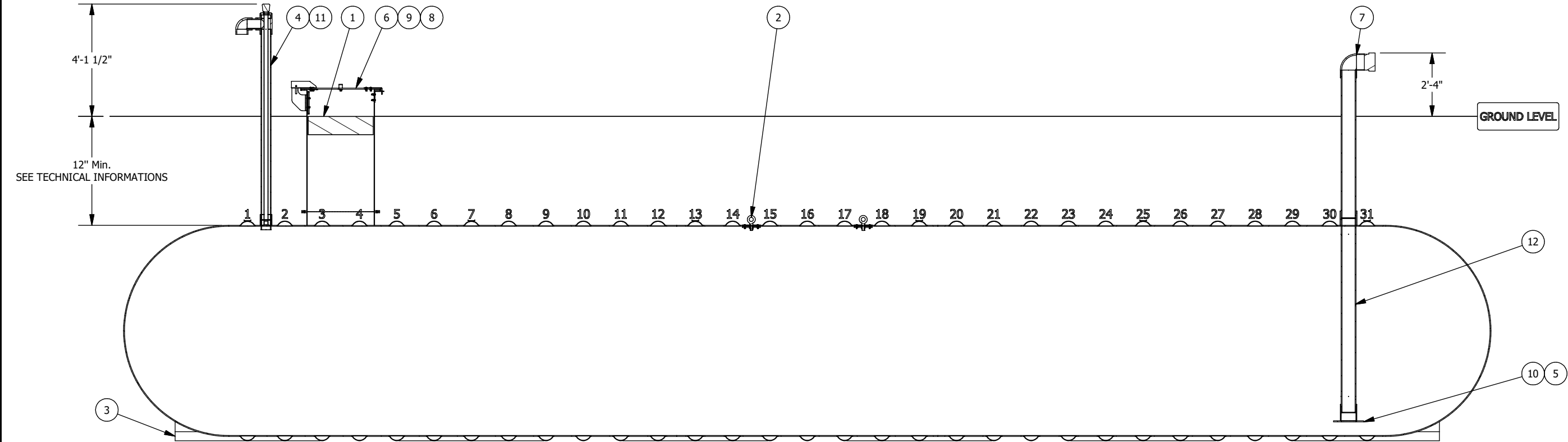
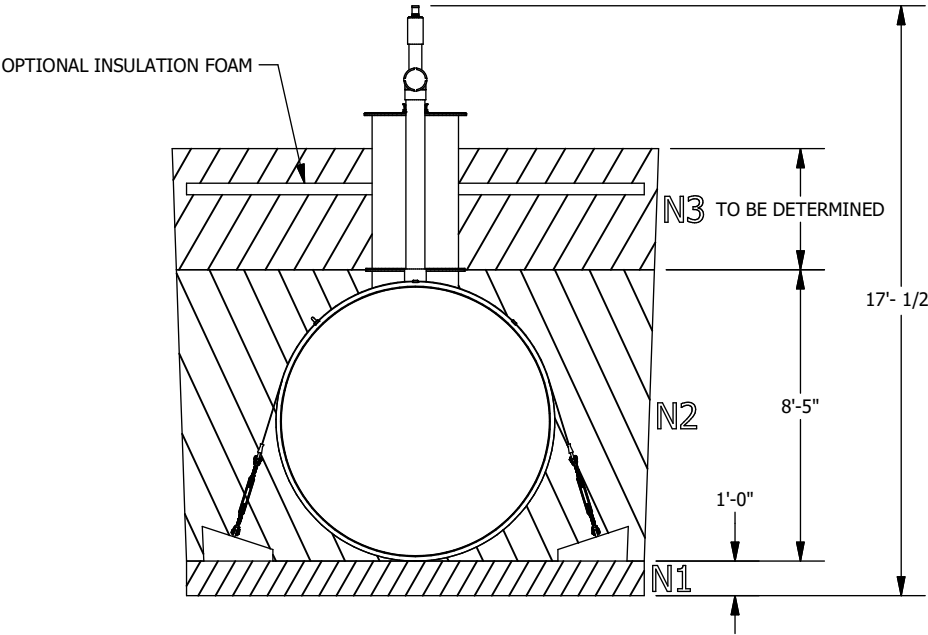


NOTES:
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 - SHOP DRAWING AVAILABLE ON REQUEST

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TOLERANCES (LINEAR)		 GRANBY COMPOSITES	Revision description		
FEET DIM. -> ± 1% 0.0 -> ± 0.5"			Format B	Part no. NN08310609FP	REV 02.
0.00 -> ± 0.25" 0.000 -> ± 0.125"					
TOLERANCES (ANGULAR)		Drawn by O. Marin	15/01/2024		
0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG.					
Weight : 5818 Lb		Approved by :	Title 8' Dia. TANK - 16580 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	6	ANCHORING KIT	
4	EV480J	1	4" SCH. 80 VENT KIT WITH GAUGE AND SST BIRD SCREEN	
5	FPU0600401	1	6" F X 6" F - SCH.40 - COUPLING GRAY	
6	GMHE30-COVER01	1	30" DIA. FRP. - LOCKABLE MAN HOLE COVER WITH HINGE	
7	KB-BNH0600090	1	6"NH 90° - FIRE HYDRANT KIT	
8	MH-30 (6"L.)	1	30" DIA. x 6" L. - MANHOLE	
9	MHE-30 (54"L.)	1	30" DIA. x 54" L. - MANHOLE EXTENSION	
10	PFV01313	1	0.5" x 13.25" x 13.25" - ANTI-VORTEX PLATE	
11	TP80400G01 (4.25"L.)	1	4" SCH.80 GREY PVC PIPE	
12	TP80600G01 (85.453"L.)	1	6" 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 : 6
 - (If required) Quantity of reinforced concrete deadman anchors : 12
 - 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 5psig

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

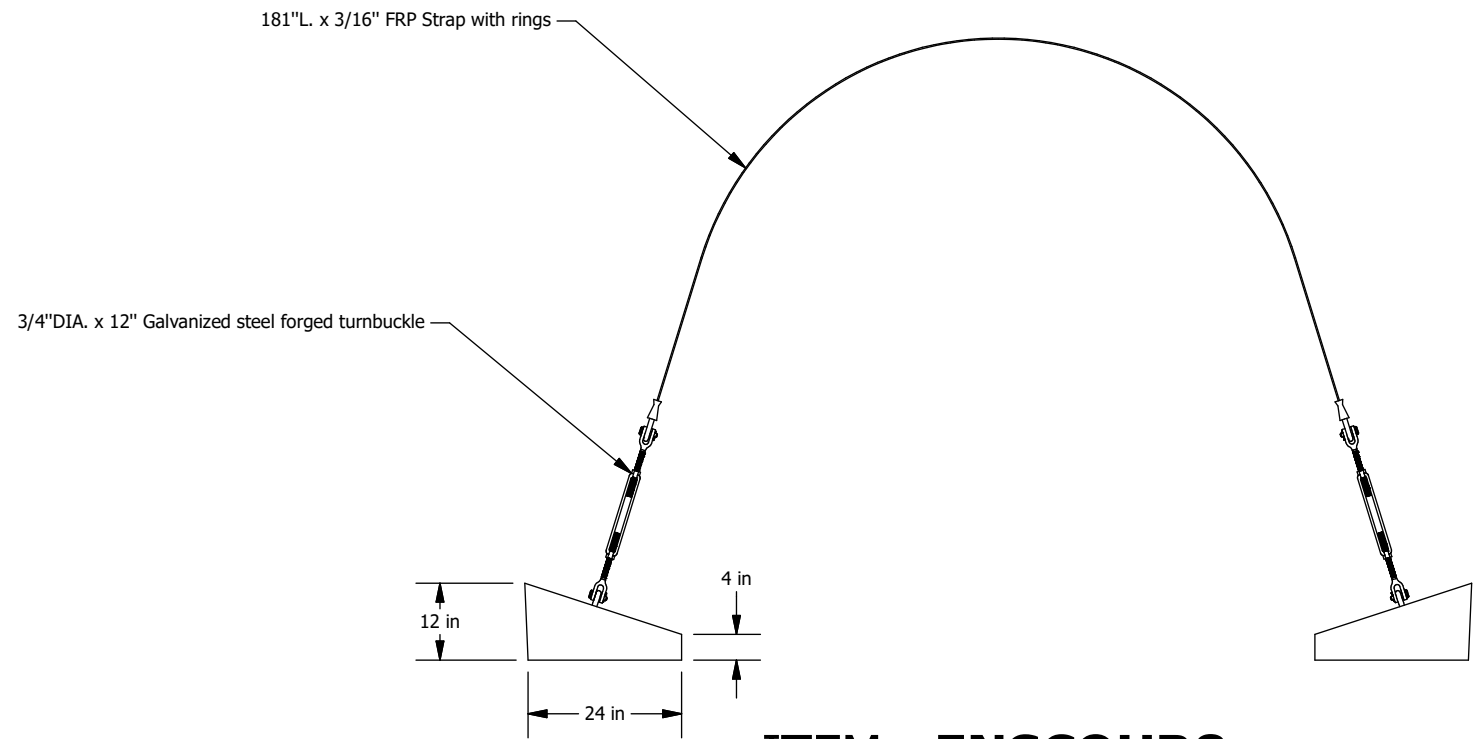
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TOLERANCES (LINEAR) FEET DIM. -> ± 1% 0.0 -> ± 0.5"		GRANBY COMPOSITES		Revision description
TOLERANCES (ANGULAR) 0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG.		Drawn by O. Marin	15/01/2024	Format B Part no. NN08310609FP REV 02.
Weight : 5818 Lb		Approved by :		Title
Client		# Project		8' Dia. TANK - 16580 US gal
		Sheet 2 / 4		



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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"				Format	Part no.	REV	
TOLERANCES (ANGULAR)		Drawn by O. Marin		B		NN08310609FP	02
0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG.							
0.00 -> ± 0.1 DEG.				15/01/2024		Title	
Weight :		Approved by :				8' Dia. TANK - 16580 US gal	
5818 Lb							
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 O. Marin				04/10/2018				Title ANCHORING KIT					
0 -> ± 2 DEG.																	
0.0 -> ± 0.5 DEG.																	
Weight :				Approved by :													
Client				# Project				Sheet				4 / 4					



CAPACITY CHART FOR NN08310609 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	431	12	1215	18	2211	24	3359	30	4617	36	5950	42	7330	48	8727	54	10117	60	11470
1/8	2	6 1/8	444	12 1/8	1233	18 1/8	2234	24 1/8	3385	30 1/8	4644	36 1/8	5979	42 1/8	7359	48 1/8	8756	54 1/8	10145	60 1/8	11498
1/4	4	6 1/4	458	12 1/4	1252	18 1/4	2256	24 1/4	3410	30 1/4	4671	36 1/4	6007	42 1/4	7388	48 1/4	8785	54 1/4	10174	60 1/4	11526
3/8	7	6 3/8	472	12 3/8	1271	18 3/8	2279	24 3/8	3435	30 3/8	4699	36 3/8	6036	42 3/8	7417	48 3/8	8815	54 3/8	10202	60 3/8	11553
1/2	11	6 1/2	486	12 1/2	1291	18 1/2	2302	24 1/2	3461	30 1/2	4726	36 1/2	6064	42 1/2	7446	48 1/2	8844	54 1/2	10231	60 1/2	11581
5/8	15	6 5/8	500	12 5/8	1310	18 5/8	2325	24 5/8	3486	30 5/8	4753	36 5/8	6092	42 5/8	7475	48 5/8	8873	54 5/8	10260	60 5/8	11608
3/4	19	6 3/4	514	12 3/4	1329	18 3/4	2348	24 3/4	3511	30 3/4	4780	36 3/4	6121	42 3/4	7504	48 3/4	8902	54 3/4	10288	60 3/4	11636
7/8	24	6 7/8	528	12 7/8	1349	18 7/8	2370	24 7/8	3537	30 7/8	4808	36 7/8	6149	42 7/8	7533	48 7/8	8931	54 7/8	10317	60 7/8	11663
1	29	7	543	13	1368	19	2393	25	3562	31	4835	37	6178	43	7562	49	8960	55	10345	61	11691
1 1/8	35	7 1/8	557	13 1/8	1388	19 1/8	2416	25 1/8	3588	31 1/8	4862	37 1/8	6206	43 1/8	7591	49 1/8	8989	55 1/8	10374	61 1/8	11718
1 1/4	41	7 1/4	572	13 1/4	1407	19 1/4	2440	25 1/4	3614	31 1/4	4890	37 1/4	6235	43 1/4	7620	49 1/4	9018	55 1/4	10402	61 1/4	11745
1 3/8	47	7 3/8	587	13 3/8	1427	19 3/8	2463	25 3/8	3639	31 3/8	4917	37 3/8	6263	43 3/8	7649	49 3/8	9047	55 3/8	10431	61 3/8	11773
1 1/2	54	7 1/2	602	13 1/2	1447	19 1/2	2486	25 1/2	3665	31 1/2	4945	37 1/2	6292	43 1/2	7678	49 1/2	9076	55 1/2	10459	61 1/2	11800
1 5/8	61	7 5/8	617	13 5/8	1467	19 5/8	2509	25 5/8	3691	31 5/8	4972	37 5/8	6321	43 5/8	7707	49 5/8	9105	55 5/8	10488	61 5/8	11827
1 3/4	68	7 3/4	632	13 3/4	1487	19 3/4	2533	25 3/4	3717	31 3/4	5000	37 3/4	6349	43 3/4	7737	49 3/4	9135	55 3/4	10516	61 3/4	11854
1 7/8	75	7 7/8	648	13 7/8	1507	19 7/8	2556	25 7/8	3742	31 7/8	5027	37 7/8	6378	43 7/8	7766	49 7/8	9164	55 7/8	10545	61 7/8	11882
2	83	8	663	14	1527	20	2579	26	3768	32	5055	38	6406	44	7795	50	9193	56	10573	62	11909
2 1/8	91	8 1/8	679	14 1/8	1547	20 1/8	2603	26 1/8	3794	32 1/8	5082	38 1/8	6435	44 1/8	7824	50 1/8	9222	56 1/8	10602	62 1/8	11936
2 1/4	99	8 1/4	694	14 1/4	1567	20 1/4	2627	26 1/4	3820	32 1/4	5110	38 1/4	6464	44 1/4	7853	50 1/4	9251	56 1/4	10630	62 1/4	11963
2 3/8	107	8 3/8	710	14 3/8	1588	20 3/8	2650	26 3/8	3846	32 3/8	5138	38 3/8	6492	44 3/8	7882	50 3/8	9280	56 3/8	10658	62 3/8	11990
2 1/2	116	8 1/2	726	14 1/2	1608	20 1/2	2674	26 1/2	3872	32 1/2	5165	38 1/2	6521	44 1/2	7911	50 1/2	9309	56 1/2	10687	62 1/2	12017
2 5/8	124	8 5/8	742	14 5/8	1629	20 5/8	2698	26 5/8	3898	32 5/8	5193	38 5/8	6550	44 5/8	7940	50 5/8	9338	56 5/8	10715	62 5/8	12044
2 3/4	133	8 3/4	758	14 3/4	1649	20 3/4	2722	26 3/4	3924	32 3/4	5221	38 3/4	6579	44 3/4	7970	50 3/4	9367	56 3/4	10743	62 3/4	12071
2 7/8	143	8 7/8	774	14 7/8	1670	20 7/8	2745	26 7/8	3951	32 7/8	5248	38 7/8	6607	44 7/8	7999	50 7/8	9396	56 7/8	10771	62 7/8	12098
3	152	9	791	15	1691	21	2769	27	3977	33	5276	39	6636	45	8028	51	9425	57	10800	63	12125
3 1/8	162	9 1/8	807	15 1/8	1712	21 1/8	2793	27 1/8	4003	33 1/8	5304	39 1/8	6665	45 1/8	8057	51 1/8	9454	57 1/8	10828	63 1/8	12152
3 1/4	171	9 1/4	824	15 1/4	1733	21 1/4	2817	27 1/4	4029	33 1/4	5332	39 1/4	6694	45 1/4	8086	51 1/4	9483	57 1/4	10856	63 1/4	12179
3 3/8	181	9 3/8	841	15 3/8	1754	21 3/8	2841	27 3/8	4056	33 3/8	5360	39 3/8	6722	45 3/8	8115	51 3/8	9511	57 3/8	10884	63 3/8	12206
3 1/2	192	9 1/2	857	15 1/2	1775	21 1/2	2866	27 1/2	4082	33 1/2	5388	39 1/2	6751	45 1/2	8144	51 1/2	9540	57 1/2	10912	63 1/2	12232
3 5/8	202	9 5/8	874	15 5/8	1796	21 5/8	2890	27 5/8	4109	33 5/8	5416	39 5/8	6780	45 5/8	8174	51 5/8	9569	57 5/8	10940	63 5/8	12259
3 3/4	212	9 3/4	891	15 3/4	1817	21 3/4	2914	27 3/4	4135	33 3/4	5444	39 3/4	6809	45 3/4	8203	51 3/4	9598	57 3/4	10969	63 3/4	12286
3 7/8	223	9 7/8	908	15 7/8	1838	21 7/8	2938	27 7/8	4161	33 7/8	5471	39 7/8	6838	45 7/8	8232	51 7/8	9627	57 7/8	10997	63 7/8	12313
4	234	10	926	16	1860	22	2963	28	4188	34	5499	40	6866	46	8261	52	9656	58	11025	64	12339
4 1/8	245	10 1/8	943	16 1/8	1881	22 1/8	2987	28 1/8	4215	34 1/8	5527	40 1/8	6895	46 1/8	8290	52 1/8	9685	58 1/8	11053	64 1/8	12366
4 1/4	256	10 1/4	960	16 1/4	1903	22 1/4	3012	28 1/4	4241	34 1/4	5556	40 1/4	6924	46 1/4	8319	52 1/4	9714	58 1/4	11081	64 1/4	12392
4 3/8	268	10 3/8	978	16 3/8	1924	22 3/8	3036	28 3/8	4268	34 3/8	5584	40 3/8	6953	46 3/8	8348	52 3/8	9743	58 3/8	11109	64 3/8	12419
4 1/2	279	10 1/2	996	16 1/2	1946	22 1/2	3061	28 1/2	4294	34 1/2	5612	40 1/2	6982	46 1/2	8378	52 1/2	9771	58 1/2	11137	64 1/2	12445
4 5/8	291	10 5/8	1013	16 5/8	1968	22 5/8	3085	28 5/8	4321	34 5/8	5640	40 5/8	7011	46 5/8	8407	52 5/8	9800	58 5/8	11165	64 5/8	12472
4 3/4	303	10 3/4	1031	16 3/4	1990	22 3/4	3110	28 3/4	4348	34 3/4	5668	40 3/4	7040	46 3/4	8436	52 3/4	9829	58 3/4	11193	64 3/4	12498
4 7/8	315	10 7/8	1049	16 7/8	2011	22 7/8	3135	28 7/8	4375	34 7/8	5696	40 7/8	7069	46 7/8	8465	52 7/8	9858	58 7/8	11221	64 7/8	12525
5	327	11	1067	17	2033	23	3160	29	4401	35	5724	41	7098	47	8494	53	9887	59	11248	65	12551
5 1/8	340	11 1/8	1085	17 1/8	2055	23 1/8	3184	29 1/8	4428	35 1/8	5752	41 1/8	7127	47 1/8	8523	53 1/8	9915	59 1/8	11276	65 1/8	12577
5 1/4	352	11 1/4	1103	17 1/4	2077	23 1/4	3209	29 1/4	4455	35 1/4	5781	41 1/4	7156	47 1/4	8552	53 1/4	9944	59 1/4	11304	65 1/4	12603
5 3/8	365	11 3/8	1122	17 3/8	2100	23 3/8	3234	29 3/8	4482	35 3/8	5809	41 3/8	7185	47 3/8	8582	53 3/8	9973	59 3/8	11332	65 3/8	12630
5 1/2	378	11 1/2	1140	17 1/2	2122	23 1/2	3259	29 1/2	4509	35 1/2	5837	41 1/2	7214	47 1/2	8611	53 1/2	10002	59 1/2	11360	65 1/2	12656
5 5/8	391	11 5/8	1159	17 5/8	2144	23 5/8	3284	29 5/8	4536	35 5/8	5865	41 5/8	7243	47 5/8	8640	53 5/8	10030	59 5/8	11387	65 5/8	12682
5 3/4	404	11 3/4	1177	17 3/4	2166	23 3/4	3309	29 3/4	4563	35 3/4	5894	41 3/4	7272	47 3/4	8669	53 3/4	10059	59 3/4	11415	65 3/4	12708
5 7/8	417	11 7/8	1196	17 7/8	2189	23 7/8	3334	29 7/8	4590	35 7/8	5922	41 7/8	7301	47 7/8	8698	53 7/8	10088	59 7/8	11443	65 7/8	12734

** PRECISION IS ABOUT +/- 1%



CAPACITY CHART FOR NN08310609 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	12760	69	13371	72	13954	75	14503	78	15013	81	15477	84	15886	87	16228	90	16482				
66 1/8	12786	69 1/8	13396	72 1/8	13977	75 1/8	14525	78 1/8	15033	81 1/8	15495	84 1/8	15902	87 1/8	16240	90 1/8	16490				
66 1/4	12812	69 1/4	13421	72 1/4	14001	75 1/4	14547	78 1/4	15053	81 1/4	15513	84 1/4	15917	87 1/4	16253	90 1/4	16498				
66 3/8	12838	69 3/8	13446	72 3/8	14024	75 3/8	14569	78 3/8	15074	81 3/8	15531	84 3/8	15933	87 3/8	16265	90 3/8	16505				
66 1/2	12864	69 1/2	13470	72 1/2	14048	75 1/2	14591	78 1/2	15094	81 1/2	15549	84 1/2	15948	87 1/2	16277	90 1/2	16513				
66 5/8	12889	69 5/8	13495	72 5/8	14071	75 5/8	14613	78 5/8	15114	81 5/8	15567	84 5/8	15963	87 5/8	16289	90 5/8	16520				
66 3/4	12915	69 3/4	13520	72 3/4	14094	75 3/4	14634	78 3/4	15134	81 3/4	15585	84 3/4	15978	87 3/4	16301	90 3/4	16527				
66 7/8	12941	69 7/8	13544	72 7/8	14118	75 7/8	14656	78 7/8	15153	81 7/8	15602	84 7/8	15993	87 7/8	16312	90 7/8	16533				
67	12967	70	13569	73	14141	76	14678	79	15173	82	15620	85	16008	88	16324	91	16539				
67 1/8	12992	70 1/8	13593	73 1/8	14164	76 1/8	14699	79 1/8	15193	82 1/8	15637	85 1/8	16023	88 1/8	16335	91 1/8	16545				
67 1/4	13018	70 1/4	13618	73 1/4	14187	76 1/4	14720	79 1/4	15212	82 1/4	15655	85 1/4	16038	88 1/4	16346	91 1/4	16551				
67 3/8	13043	70 3/8	13642	73 3/8	14210	76 3/8	14742	79 3/8	15232	82 3/8	15672	85 3/8	16052	88 3/8	16357	91 3/8	16556				
67 1/2	13069	70 1/2	13666	73 1/2	14233	76 1/2	14763	79 1/2	15251	82 1/2	15689	85 1/2	16066	88 1/2	16368	91 1/2	16561				
67 5/8	13094	70 5/8	13690	73 5/8	14256	76 5/8	14784	79 5/8	15270	82 5/8	15706	85 5/8	16081	88 5/8	16378	91 5/8	16566				
67 3/4	13120	70 3/4	13715	73 3/4	14278	76 3/4	14806	79 3/4	15290	82 3/4	15723	85 3/4	16095	88 3/4	16389	91 3/4	16570				
67 7/8	13145	70 7/8	13739	73 7/8	14301	76 7/8	14827	79 7/8	15309	82 7/8	15740	85 7/8	16109	88 7/8	16399	91 7/8	16573				
68	13170	71	13763	74	14324	77	14848	80	15328	83	15756	86	16122	89	16409	92	16576				
68 1/8	13196	71 1/8	13787	74 1/8	14346	77 1/8	14869	80 1/8	15347	83 1/8	15773	86 1/8	16136	89 1/8	16419	92 1/8	16579				
68 1/4	13221	71 1/4	13811	74 1/4	14369	77 1/4	14889	80 1/4	15366	83 1/4	15789	86 1/4	16150	89 1/4	16428	92 1/4	16580				
68 3/8	13246	71 3/8	13835	74 3/8	14391	77 3/8	14910	80 3/8	15384	83 3/8	15806	86 3/8	16163	89 3/8	16438	92 3/8	16580				
68 1/2	13271	71 1/2	13859	74 1/2	14414	77 1/2	14931	80 1/2	15403	83 1/2	15822	86 1/2	16176	89 1/2	16447						
68 5/8	13296	71 5/8	13883	74 5/8	14436	77 5/8	14951	80 5/8	15422	83 5/8	15838	86 5/8	16189	89 5/8	16456						
68 3/4	13321	71 3/4	13906	74 3/4	14458	77 3/4	14972	80 3/4	15440	83 3/4	15854	86 3/4	16202	89 3/4	16465						
68 7/8	13346	71 7/8	13930	74 7/8	14481	77 7/8	14993	80 7/8	15459	83 7/8	15870	86 7/8	16215	89 7/8	16473						

** PRECISION IS ABOUT +/- 1%