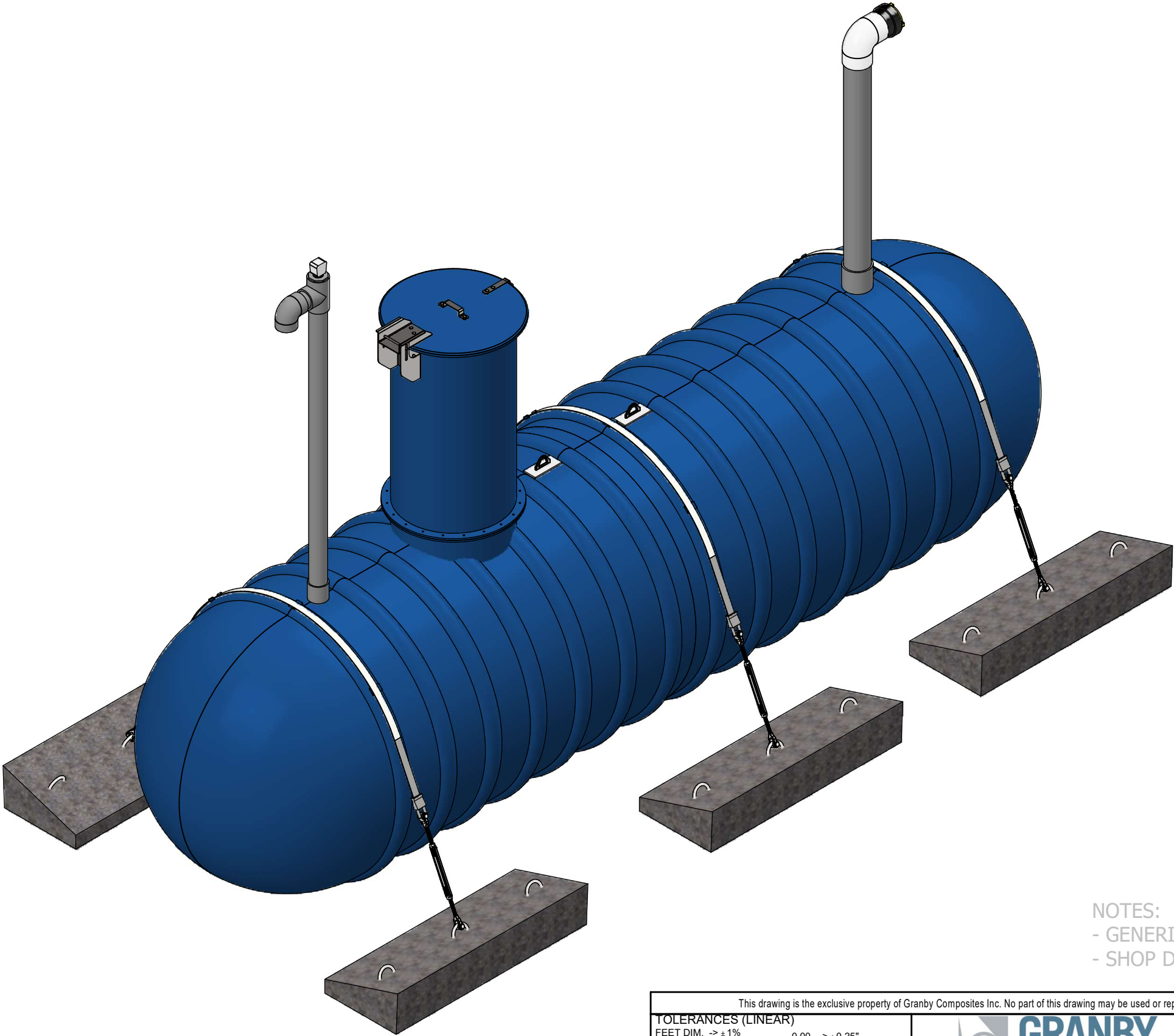


NN06140165FP

FIBERGLASS TANK
 TOTAL CAPACITY : 4409 US gal
 NET CAPACITY : 4250 US gal



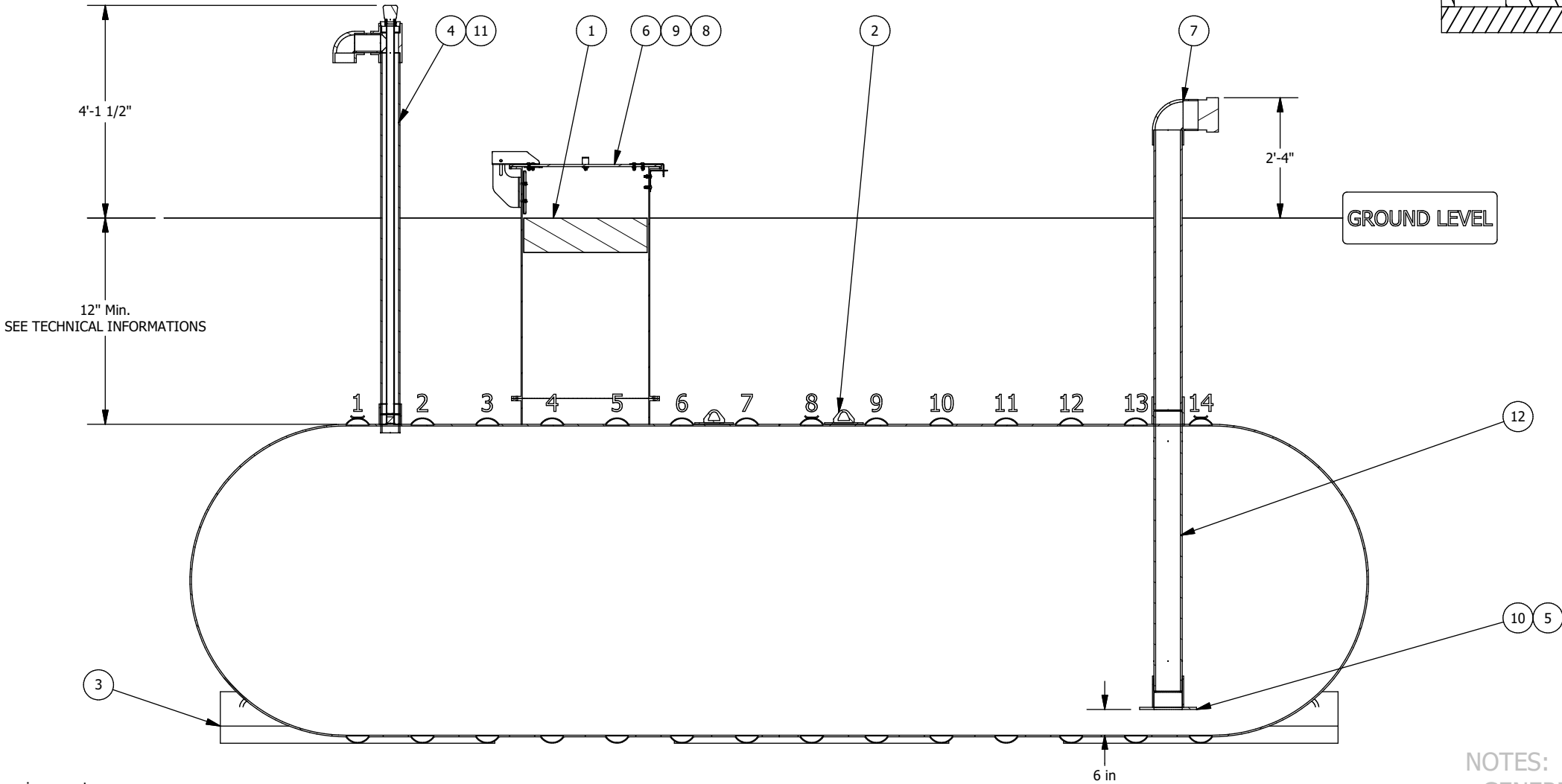
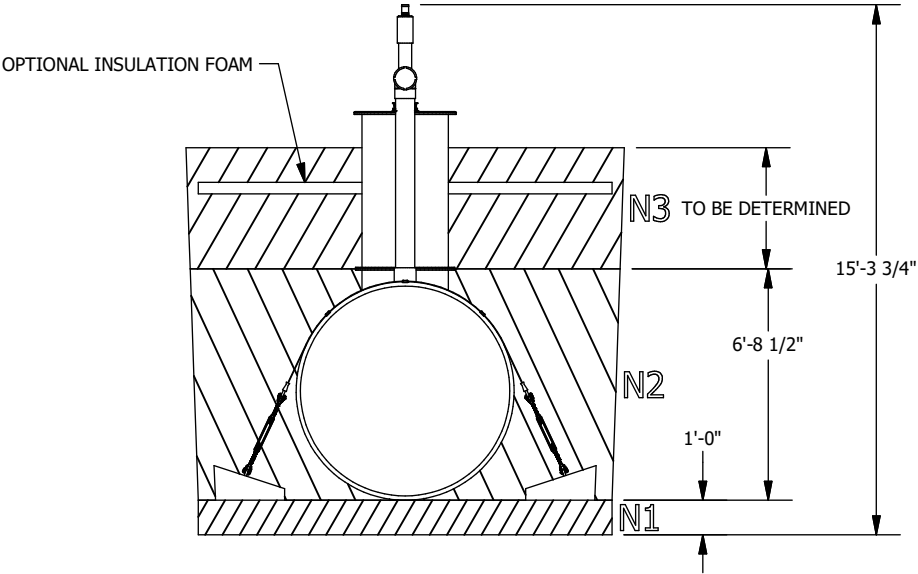
NOTES:
 - GENERIC DRAWING FOR REFERENCE ONLY
 - SHOP DRAWING AVAILABLE ON REQUEST

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TOLERANCES (LINEAR)		 GRANBY COMPOSITES		Revision description	
FEET DIM. -> ± 1% 0.0 -> ± 0.5"				Format B Part no. NN06140165FP REV 02.	
TOLERANCES (ANGULAR)		Drawn by O. Marin		15/01/2024	
0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG.		0.00 -> ± 0.125" 0.00 -> ± 0.1 DEG.		Title	
Weight : 1986 Lb		Approved by :		6' Dia. TANK - 4409 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	ADPGILP001	2	LIFTING LUGS	
3	ENSCOUR6	3	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 (65.203"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



Optional anchoring depending on the tank's environment

Technical informations

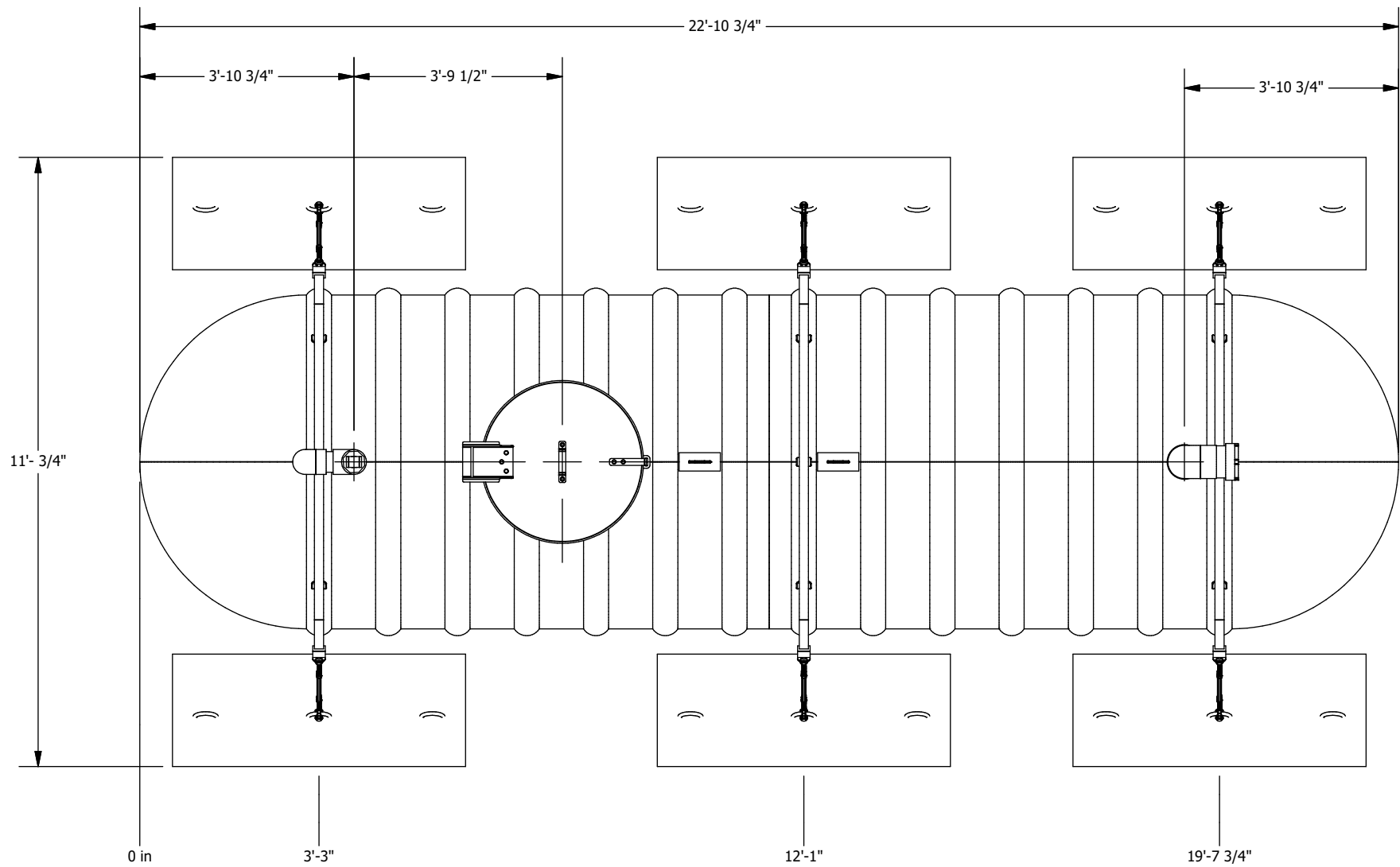
- Burrial depth: According to the geotechnical installation conditions
- Inside Diameter : 72
- (If required) Quantity of fiberglass anchoring straps : 3
- (If required) Quantity of reinforced concrete deadman anchors : 6
- Simultaneous lifting by 2 lugs. The angle of the (chains or belts, etc.) must 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.

SECTION ELEVATION VIEW

NOTES:
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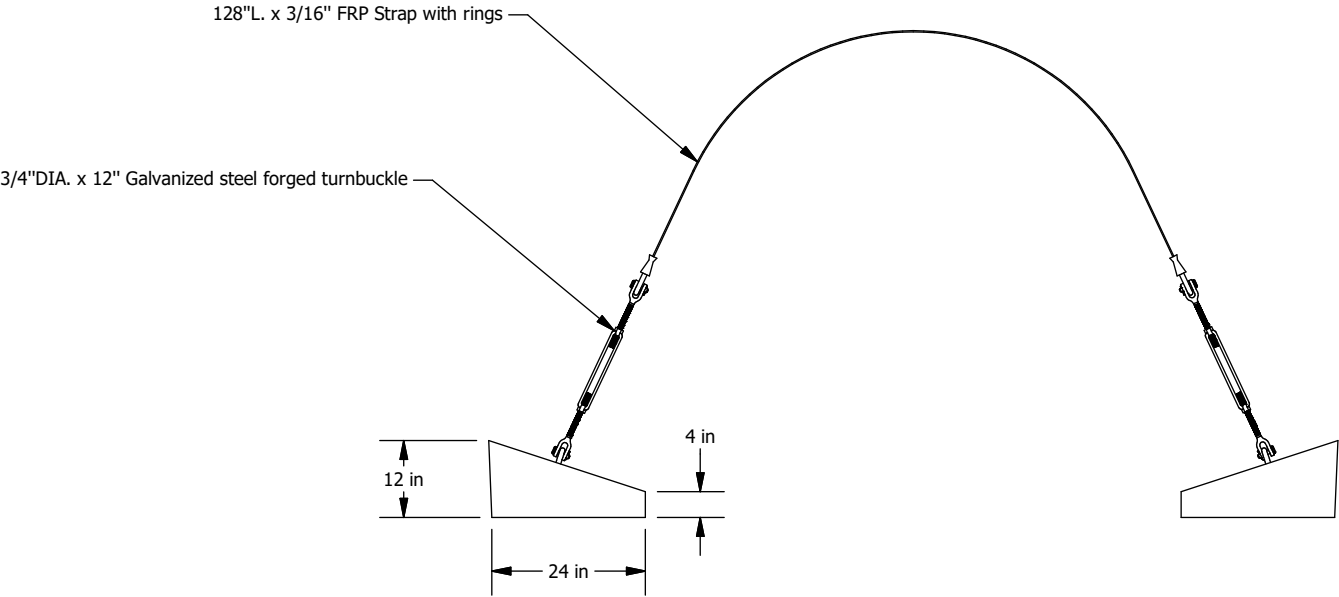
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TOLERANCES (LINEAR)		 GRANBY COMPOSITES		Revision description		
FEET DIM. -> ± 1% 0.0 -> ± 0.5"						
0.00 -> ± 0.25" 0.000 -> ± 0.125"				Format B	Part no. NN06140165FP	REV 02.
TOLERANCES (ANGULAR)		Drawn by O. Marin		15/01/2024		Title 6' Dia. TANK - 4409 US gal
0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG.						
0.00 -> ± 0.1 DEG.		Approved by :				
Weight : 1986 Lb						
Client		# Project		Sheet 2 / 4		



PLAN VIEW

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

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TOLERANCES (LINEAR)			Revision description		
FEET DIM. -> ± 1%			Format B	Part no. NN06140165FP	REV 02.
0.0 -> ± 0.5"					
TOLERANCES (ANGULAR)		Drawn by O. Marin	15/01/2024		
0 -> ± 2 DEG.					
0.0 -> ± 0.5 DEG.		Approved by :		Title 6' Dia. TANK - 4409 US gal	
Weight :					
1986 Lb					
Client	# Project	Sheet 3 / 4			



ITEM : ENSCOUR6



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)			 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		04/10/2018		Format	Part no.		REV
0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG.							B	ENSCOUR6		A.
Weight :			Approved by :				Title			
							ANCHORING KIT			
Client		# Project			Sheet					
					4 / 4					



CAPACITY CHART FOR NN06140165 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	159	12	453	18	829	24	1259	30	1724	36	2205	42	2686	48	3150	54	3580	60	3956
1/8	1	6 1/8	164	12 1/8	461	18 1/8	838	24 1/8	1269	30 1/8	1734	36 1/8	2215	42 1/8	2695	48 1/8	3159	54 1/8	3589	60 1/8	3963
1/4	2	6 1/4	169	12 1/4	468	18 1/4	846	24 1/4	1278	30 1/4	1743	36 1/4	2225	42 1/4	2705	48 1/4	3169	54 1/4	3597	60 1/4	3970
3/8	3	6 3/8	174	12 3/8	475	18 3/8	855	24 3/8	1287	30 3/8	1753	36 3/8	2235	42 3/8	2715	48 3/8	3178	54 3/8	3605	60 3/8	3977
1/2	4	6 1/2	179	12 1/2	482	18 1/2	863	24 1/2	1297	30 1/2	1763	36 1/2	2245	42 1/2	2725	48 1/2	3187	54 1/2	3614	60 1/2	3984
5/8	6	6 5/8	185	12 5/8	489	18 5/8	872	24 5/8	1306	30 5/8	1773	36 5/8	2255	42 5/8	2735	48 5/8	3197	54 5/8	3622	60 5/8	3991
3/4	7	6 3/4	190	12 3/4	497	18 3/4	880	24 3/4	1316	30 3/4	1783	36 3/4	2265	42 3/4	2745	48 3/4	3206	54 3/4	3630	60 3/4	3998
7/8	9	6 7/8	195	12 7/8	504	18 7/8	889	24 7/8	1325	30 7/8	1793	36 7/8	2275	42 7/8	2755	48 7/8	3215	54 7/8	3639	60 7/8	4005
1	11	7	201	13	511	19	898	25	1335	31	1803	37	2285	43	2765	49	3225	55	3647	61	4011
1 1/8	13	7 1/8	206	13 1/8	519	19 1/8	906	25 1/8	1344	31 1/8	1813	37 1/8	2295	43 1/8	2774	49 1/8	3234	55 1/8	3655	61 1/8	4018
1 1/4	15	7 1/4	212	13 1/4	526	19 1/4	915	25 1/4	1354	31 1/4	1823	37 1/4	2305	43 1/4	2784	49 1/4	3243	55 1/4	3664	61 1/4	4025
1 3/8	17	7 3/8	217	13 3/8	533	19 3/8	924	25 3/8	1363	31 3/8	1833	37 3/8	2315	43 3/8	2794	49 3/8	3252	55 3/8	3672	61 3/8	4032
1 1/2	20	7 1/2	223	13 1/2	541	19 1/2	932	25 1/2	1373	31 1/2	1843	37 1/2	2325	43 1/2	2804	49 1/2	3261	55 1/2	3680	61 1/2	4038
1 5/8	22	7 5/8	229	13 5/8	548	19 5/8	941	25 5/8	1382	31 5/8	1853	37 5/8	2336	43 5/8	2814	49 5/8	3271	55 5/8	3688	61 5/8	4045
1 3/4	25	7 3/4	234	13 3/4	556	19 3/4	950	25 3/4	1392	31 3/4	1863	37 3/4	2346	43 3/4	2823	49 3/4	3280	55 3/4	3696	61 3/4	4052
1 7/8	27	7 7/8	240	13 7/8	564	19 7/8	959	25 7/8	1402	31 7/8	1873	37 7/8	2356	43 7/8	2833	49 7/8	3289	55 7/8	3704	61 7/8	4058
2	30	8	246	14	571	20	968	26	1411	32	1883	38	2366	44	2843	50	3298	56	3712	62	4065
2 1/8	33	8 1/8	252	14 1/8	579	20 1/8	976	26 1/8	1421	32 1/8	1893	38 1/8	2376	44 1/8	2853	50 1/8	3307	56 1/8	3721	62 1/8	4071
2 1/4	36	8 1/4	258	14 1/4	586	20 1/4	985	26 1/4	1430	32 1/4	1903	38 1/4	2386	44 1/4	2863	50 1/4	3316	56 1/4	3729	62 1/4	4078
2 3/8	39	8 3/8	264	14 3/8	594	20 3/8	994	26 3/8	1440	32 3/8	1913	38 3/8	2396	44 3/8	2872	50 3/8	3325	56 3/8	3737	62 3/8	4084
2 1/2	42	8 1/2	270	14 1/2	602	20 1/2	1003	26 1/2	1450	32 1/2	1923	38 1/2	2406	44 1/2	2882	50 1/2	3334	56 1/2	3745	62 1/2	4090
2 5/8	45	8 5/8	276	14 5/8	610	20 5/8	1012	26 5/8	1459	32 5/8	1933	38 5/8	2416	44 5/8	2892	50 5/8	3343	56 5/8	3753	62 5/8	4097
2 3/4	49	8 3/4	282	14 3/4	617	20 3/4	1021	26 3/4	1469	32 3/4	1943	38 3/4	2426	44 3/4	2901	50 3/4	3352	56 3/4	3760	62 3/4	4103
2 7/8	52	8 7/8	288	14 7/8	625	20 7/8	1030	26 7/8	1479	32 7/8	1953	38 7/8	2436	44 7/8	2911	50 7/8	3361	56 7/8	3768	62 7/8	4109
3	56	9	294	15	633	21	1039	27	1488	33	1963	39	2446	45	2921	51	3370	57	3776	63	4115
3 1/8	59	9 1/8	300	15 1/8	641	21 1/8	1048	27 1/8	1498	33 1/8	1973	39 1/8	2456	45 1/8	2931	51 1/8	3379	57 1/8	3784	63 1/8	4121
3 1/4	63	9 1/4	306	15 1/4	649	21 1/4	1057	27 1/4	1508	33 1/4	1983	39 1/4	2466	45 1/4	2940	51 1/4	3388	57 1/4	3792	63 1/4	4128
3 3/8	66	9 3/8	313	15 3/8	657	21 3/8	1066	27 3/8	1517	33 3/8	1993	39 3/8	2476	45 3/8	2950	51 3/8	3397	57 3/8	3800	63 3/8	4134
3 1/2	70	9 1/2	319	15 1/2	665	21 1/2	1075	27 1/2	1527	33 1/2	2003	39 1/2	2486	45 1/2	2960	51 1/2	3406	57 1/2	3807	63 1/2	4140
3 5/8	74	9 5/8	325	15 5/8	673	21 5/8	1084	27 5/8	1537	33 5/8	2013	39 5/8	2496	45 5/8	2969	51 5/8	3415	57 5/8	3815	63 5/8	4146
3 3/4	78	9 3/4	332	15 3/4	681	21 3/4	1093	27 3/4	1547	33 3/4	2023	39 3/4	2506	45 3/4	2979	51 3/4	3424	57 3/4	3823	63 3/4	4152
3 7/8	82	9 7/8	338	15 7/8	689	21 7/8	1102	27 7/8	1556	33 7/8	2033	39 7/8	2516	45 7/8	2988	51 7/8	3433	57 7/8	3830	63 7/8	4157
4	86	10	345	16	697	22	1111	28	1566	34	2043	40	2526	46	2998	52	3442	58	3838	64	4163
4 1/8	90	10 1/8	351	16 1/8	705	22 1/8	1120	28 1/8	1576	34 1/8	2054	40 1/8	2536	46 1/8	3008	52 1/8	3450	58 1/8	3846	64 1/8	4169
4 1/4	94	10 1/4	358	16 1/4	713	22 1/4	1129	28 1/4	1586	34 1/4	2064	40 1/4	2546	46 1/4	3017	52 1/4	3459	58 1/4	3853	64 1/4	4175
4 3/8	98	10 3/8	364	16 3/8	721	22 3/8	1139	28 3/8	1596	34 3/8	2074	40 3/8	2556	46 3/8	3027	52 3/8	3468	58 3/8	3861	64 3/8	4181
4 1/2	103	10 1/2	371	16 1/2	729	22 1/2	1148	28 1/2	1605	34 1/2	2084	40 1/2	2566	46 1/2	3036	52 1/2	3477	58 1/2	3868	64 1/2	4186
4 5/8	107	10 5/8	378	16 5/8	737	22 5/8	1157	28 5/8	1615	34 5/8	2094	40 5/8	2576	46 5/8	3046	52 5/8	3486	58 5/8	3876	64 5/8	4192
4 3/4	111	10 3/4	384	16 3/4	746	22 3/4	1166	28 3/4	1625	34 3/4	2104	40 3/4	2586	46 3/4	3055	52 3/4	3494	58 3/4	3883	64 3/4	4197
4 7/8	116	10 7/8	391	16 7/8	754	22 7/8	1175	28 7/8	1635	34 7/8	2114	40 7/8	2596	46 7/8	3065	52 7/8	3503	58 7/8	3891	64 7/8	4203
5	121	11	398	17	762	23	1185	29	1645	35	2124	41	2606	47	3074	53	3512	59	3898	65	4208
5 1/8	125	11 1/8	405	17 1/8	770	23 1/8	1194	29 1/8	1654	35 1/8	2134	41 1/8	2616	47 1/8	3084	53 1/8	3520	59 1/8	3905	65 1/8	4214
5 1/4	130	11 1/4	411	17 1/4	779	23 1/4	1203	29 1/4	1664	35 1/4	2144	41 1/4	2626	47 1/4	3093	53 1/4	3529	59 1/4	3913	65 1/4	4219
5 3/8	134	11 3/8	418	17 3/8	787	23 3/8	1213	29 3/8	1674	35 3/8	2154	41 3/8	2636	47 3/8	3103	53 3/8	3537	59 3/8	3920	65 3/8	4224
5 1/2	139	11 1/2	425	17 1/2	795	23 1/2	1222	29 1/2	1684	35 1/2	2164	41 1/2	2646	47 1/2	3112	53 1/2	3546	59 1/2	3927	65 1/2	4230
5 5/8	144	11 5/8	432	17 5/8	804	23 5/8	1231	29 5/8	1694	35 5/8	2174	41 5/8	2656	47 5/8	3122	53 5/8	3555	59 5/8	3934	65 5/8	4235
5 3/4	149	11 3/4	439	17 3/4	812	23 3/4	1241	29 3/4	1704	35 3/4	2184	41 3/4	2666	47 3/4	3131	53 3/4	3563	59 3/4	3942	65 3/4	4240
5 7/8	154	11 7/8	446	17 7/8	821	23 7/8	1250	29 7/8	1714	35 7/8	2195	41 7/8	2676	47 7/8	3141	53 7/8	3572	59 7/8	3949	65 7/8	4245

** PRECISION IS ABOUT +/- 1%



CAPACITY CHART FOR NN06140165 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	4250	67	4289	68	4323	69	4354	70	4379	71	4398										
66 1/8	4255	67 1/8	4293	68 1/8	4327	69 1/8	4357	70 1/8	4382	71 1/8	4400										
66 1/4	4260	67 1/4	4298	68 1/4	4331	69 1/4	4360	70 1/4	4384	71 1/4	4402										
66 3/8	4265	67 3/8	4302	68 3/8	4335	69 3/8	4364	70 3/8	4387	71 3/8	4404										
66 1/2	4270	67 1/2	4306	68 1/2	4339	69 1/2	4367	70 1/2	4390	71 1/2	4405										
66 5/8	4275	67 5/8	4311	68 5/8	4343	69 5/8	4370	70 5/8	4392	71 5/8	4406										
66 3/4	4279	67 3/4	4315	68 3/4	4346	69 3/4	4373	70 3/4	4394	71 3/4	4407										
66 7/8	4284	67 7/8	4319	68 7/8	4350	69 7/8	4376	70 7/8	4396	71 7/8	4408										

** PRECISION IS ABOUT +/- 1%