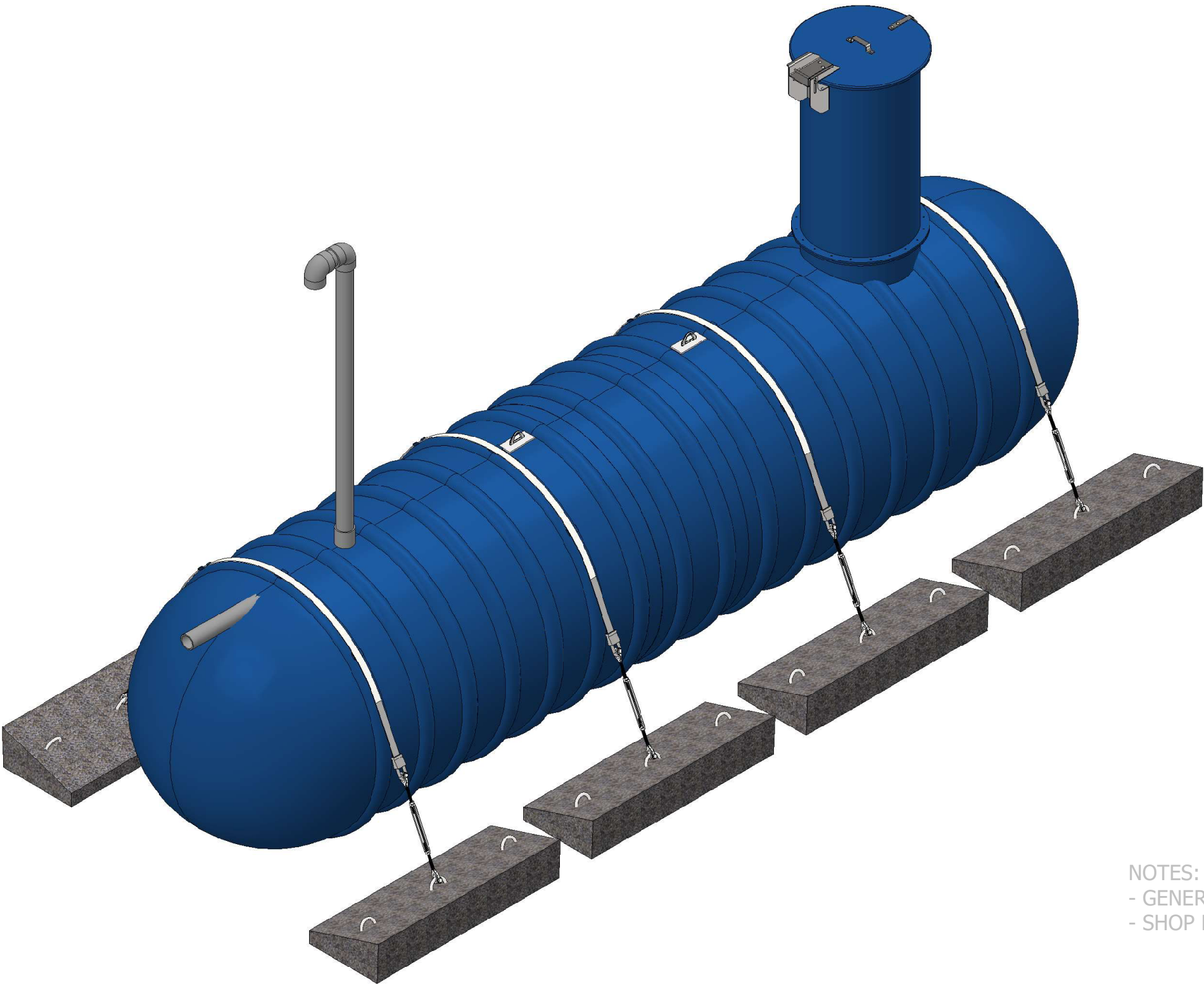


NN06160190EP
 FIBERGLASS TANK

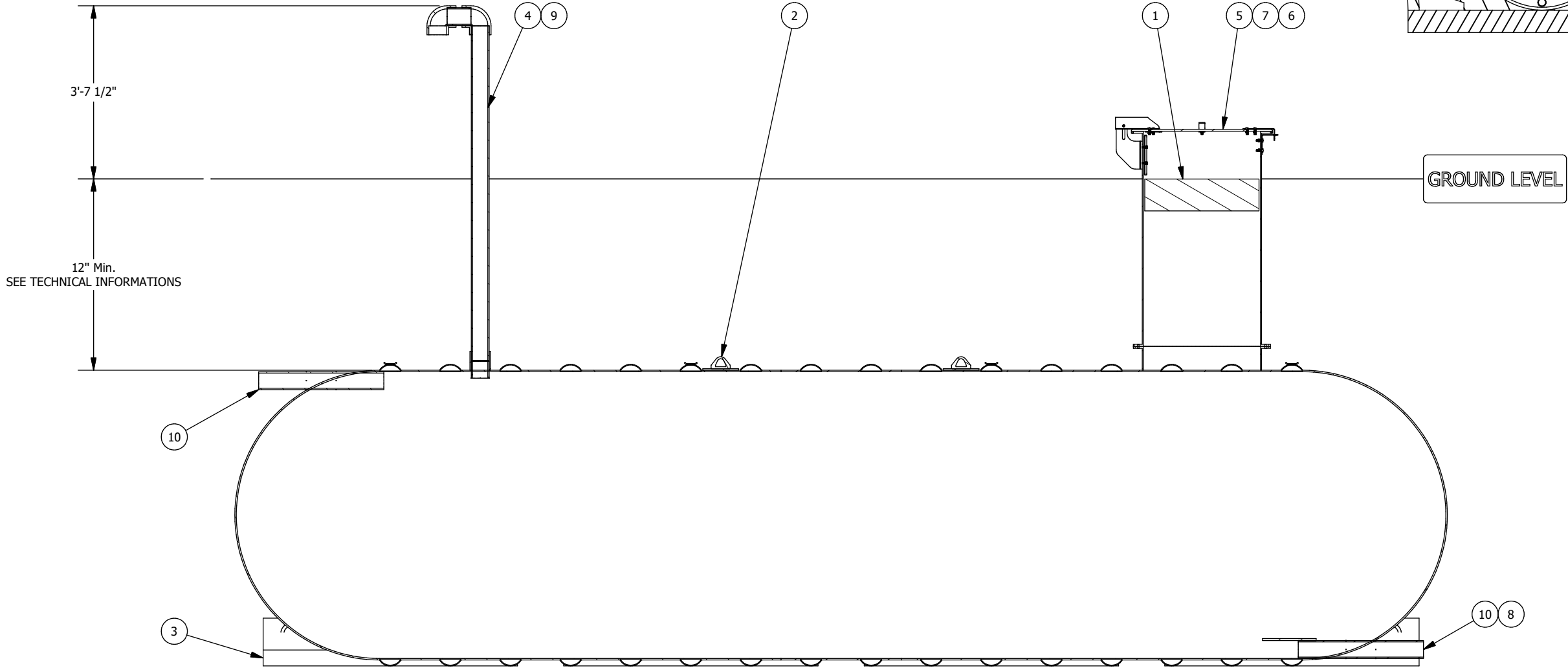
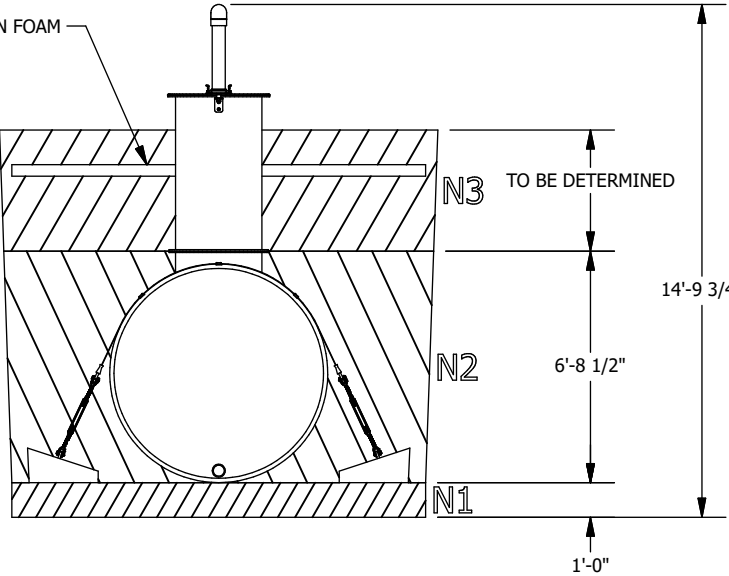


NOTES:
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 - SHOP DRAWING AVAILABLE ON REQUEST

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TOLERANCES (LINEAR)			Revision description		
FEET DIM. -> ± 1% 0.0 -> ± 0.5"			Format	Part no.	REV
0.00 -> ± 0.25" 0.000 -> ± 0.125"			B	NN06160190EP	02.
TOLERANCES (ANGULAR)		Drawn by	19/12/2023		
0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG.		O. Marin			
Weight :		Approved by :	Title		
2100 Lb			6' Dia. TANK - 4942 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	4	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 (36"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

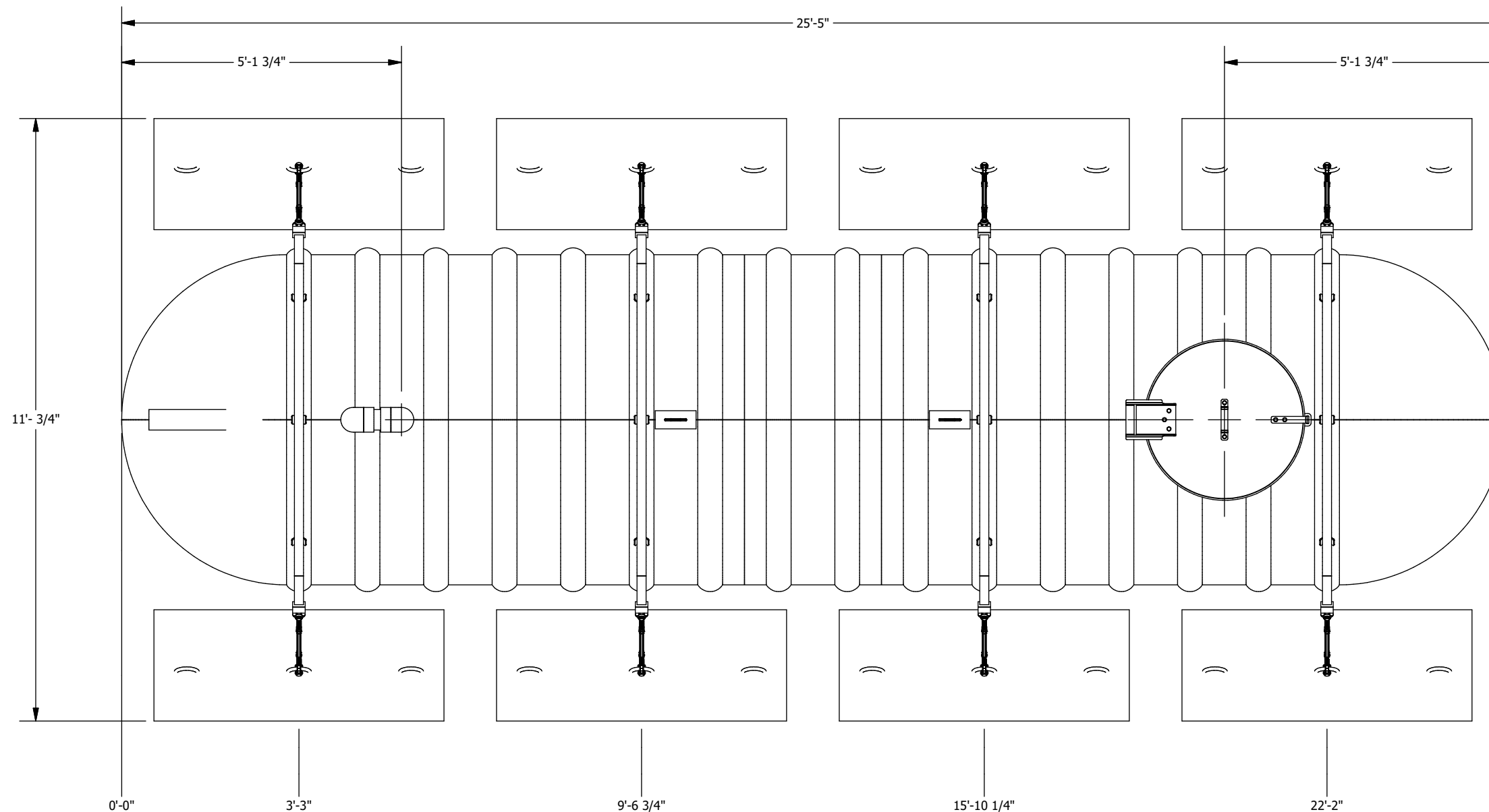
- Technical informations**
- Burrial depth: According to the geotechnical installation conditions
 - Inside Diameter : 72
 - (If required) Quantity of fiberglass anchoring straps : 4
 - (If required) Quantity of reinforced concrete deadman anchors : 8
 - Simultaneous lifting by 2 lugs. The angle of the (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.

SECTION ELEVATION VIEW

NOTES:
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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. NN06160190EP	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 : 2100 Lb		Approved by :	Title		
Client		# Project	Sheet 2 / 4		6' Dia. TANK - 4942 US gal



PLAN VIEW

NOTES:
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TOLERANCES (LINEAR) FEET DIM. -> ± 1% 0.0 -> ± 0.5" 0.00 -> ± 0.25" 0.000 -> ± 0.125"				Revision description				
TOLERANCES (ANGULAR) 0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG. 0.00 -> ± 0.1 DEG.								
Weight : 2100 Lb		Drawn by O. Marin		19/12/2023		Format B	Part no. NN06160190EP	REV 02.
Client		# Projet		Sheet 3 / 4		Title 6' Dia. TANK - 4942 US gal		



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)						Revision description					
FEET DIM. -> ± 1% 0.0 -> ± 0.5"						Format B		Part no. ENSCOUR6		REV A.	
0.000 -> ± 0.125"											
TOLERANCES (ANGULAR)			Drawn by O. Marin			04/10/2018			Title ANCHORING KIT		
0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG.			Approved by :								
Weight :											
Client		# Projet			Sheet 4 / 4						



CAPACITY CHART FOR NN06160190 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	180	12	512	18	933	24	1415	30	1934	36	2471	42	3008	48	3528	54	4009	60	4431
1/8	1	6 1/8	186	12 1/8	520	18 1/8	943	24 1/8	1425	30 1/8	1945	36 1/8	2482	42 1/8	3020	48 1/8	3538	54 1/8	4019	60 1/8	4438
1/4	2	6 1/4	192	12 1/4	528	18 1/4	952	24 1/4	1436	30 1/4	1956	36 1/4	2494	42 1/4	3031	48 1/4	3548	54 1/4	4028	60 1/4	4446
3/8	3	6 3/8	197	12 3/8	536	18 3/8	962	24 3/8	1446	30 3/8	1967	36 3/8	2505	42 3/8	3042	48 3/8	3559	54 3/8	4037	60 3/8	4454
1/2	5	6 1/2	203	12 1/2	544	18 1/2	972	24 1/2	1457	30 1/2	1978	36 1/2	2516	42 1/2	3053	48 1/2	3569	54 1/2	4047	60 1/2	4462
5/8	6	6 5/8	209	12 5/8	552	18 5/8	981	24 5/8	1467	30 5/8	1989	36 5/8	2527	42 5/8	3064	48 5/8	3580	54 5/8	4056	60 5/8	4470
3/4	8	6 3/4	215	12 3/4	560	18 3/4	991	24 3/4	1478	30 3/4	2000	36 3/4	2539	42 3/4	3075	48 3/4	3590	54 3/4	4066	60 3/4	4478
7/8	10	6 7/8	221	12 7/8	569	18 7/8	1000	24 7/8	1489	30 7/8	2012	36 7/8	2550	42 7/8	3086	48 7/8	3601	54 7/8	4075	60 7/8	4485
1	12	7	227	13	577	19	1010	25	1499	31	2023	37	2561	43	3097	49	3611	55	4084	61	4493
1 1/8	15	7 1/8	234	13 1/8	585	19 1/8	1020	25 1/8	1510	31 1/8	2034	37 1/8	2572	43 1/8	3108	49 1/8	3621	55 1/8	4093	61 1/8	4501
1 1/4	17	7 1/4	240	13 1/4	593	19 1/4	1030	25 1/4	1521	31 1/4	2045	37 1/4	2584	43 1/4	3119	49 1/4	3632	55 1/4	4103	61 1/4	4508
1 3/8	20	7 3/8	246	13 3/8	602	19 3/8	1039	25 3/8	1531	31 3/8	2056	37 3/8	2595	43 3/8	3130	49 3/8	3642	55 3/8	4112	61 3/8	4516
1 1/2	22	7 1/2	252	13 1/2	610	19 1/2	1049	25 1/2	1542	31 1/2	2067	37 1/2	2606	43 1/2	3141	49 1/2	3652	55 1/2	4121	61 1/2	4523
1 5/8	25	7 5/8	259	13 5/8	619	19 5/8	1059	25 5/8	1553	31 5/8	2078	37 5/8	2617	43 5/8	3152	49 5/8	3663	55 5/8	4130	61 5/8	4531
1 3/4	28	7 3/4	265	13 3/4	627	19 3/4	1069	25 3/4	1563	31 3/4	2090	37 3/4	2629	43 3/4	3163	49 3/4	3673	55 3/4	4139	61 3/4	4538
1 7/8	31	7 7/8	272	13 7/8	636	19 7/8	1078	25 7/8	1574	31 7/8	2101	37 7/8	2640	43 7/8	3174	49 7/8	3683	55 7/8	4148	61 7/8	4546
2	34	8	278	14	644	20	1088	26	1585	32	2112	38	2651	44	3184	50	3693	56	4157	62	4553
2 1/8	38	8 1/8	285	14 1/8	653	20 1/8	1098	26 1/8	1595	32 1/8	2123	38 1/8	2662	44 1/8	3195	50 1/8	3703	56 1/8	4166	62 1/8	4560
2 1/4	41	8 1/4	291	14 1/4	661	20 1/4	1108	26 1/4	1606	32 1/4	2134	38 1/4	2674	44 1/4	3206	50 1/4	3714	56 1/4	4175	62 1/4	4567
2 3/8	44	8 3/8	298	14 3/8	670	20 3/8	1118	26 3/8	1617	32 3/8	2145	38 3/8	2685	44 3/8	3217	50 3/8	3724	56 3/8	4184	62 3/8	4575
2 1/2	48	8 1/2	305	14 1/2	679	20 1/2	1128	26 1/2	1628	32 1/2	2157	38 1/2	2696	44 1/2	3228	50 1/2	3734	56 1/2	4193	62 1/2	4582
2 5/8	52	8 5/8	312	14 5/8	687	20 5/8	1138	26 5/8	1638	32 5/8	2168	38 5/8	2707	44 5/8	3239	50 5/8	3744	56 5/8	4202	62 5/8	4589
2 3/4	55	8 3/4	319	14 3/4	696	20 3/4	1148	26 3/4	1649	32 3/4	2179	38 3/4	2719	44 3/4	3250	50 3/4	3754	56 3/4	4211	62 3/4	4596
2 7/8	59	8 7/8	325	14 7/8	705	20 7/8	1158	26 7/8	1660	32 7/8	2190	38 7/8	2730	44 7/8	3261	50 7/8	3764	56 7/8	4220	62 7/8	4603
3	63	9	332	15	713	21	1168	27	1671	33	2201	39	2741	45	3271	51	3774	57	4229	63	4610
3 1/8	67	9 1/8	339	15 1/8	722	21 1/8	1178	27 1/8	1682	33 1/8	2213	39 1/8	2752	45 1/8	3282	51 1/8	3784	57 1/8	4238	63 1/8	4617
3 1/4	71	9 1/4	346	15 1/4	731	21 1/4	1188	27 1/4	1693	33 1/4	2224	39 1/4	2763	45 1/4	3293	51 1/4	3794	57 1/4	4246	63 1/4	4624
3 3/8	75	9 3/8	353	15 3/8	740	21 3/8	1198	27 3/8	1703	33 3/8	2235	39 3/8	2775	45 3/8	3304	51 3/8	3804	57 3/8	4255	63 3/8	4631
3 1/2	80	9 1/2	360	15 1/2	749	21 1/2	1208	27 1/2	1714	33 1/2	2246	39 1/2	2786	45 1/2	3315	51 1/2	3814	57 1/2	4264	63 1/2	4637
3 5/8	84	9 5/8	368	15 5/8	758	21 5/8	1219	27 5/8	1725	33 5/8	2258	39 5/8	2797	45 5/8	3325	51 5/8	3824	57 5/8	4273	63 5/8	4644
3 3/4	88	9 3/4	375	15 3/4	767	21 3/4	1229	27 3/4	1736	33 3/4	2269	39 3/4	2808	45 3/4	3336	51 3/4	3834	57 3/4	4281	63 3/4	4651
3 7/8	93	9 7/8	382	15 7/8	776	21 7/8	1239	27 7/8	1747	33 7/8	2280	39 7/8	2819	45 7/8	3347	51 7/8	3844	57 7/8	4290	63 7/8	4658
4	98	10	389	16	785	22	1249	28	1758	34	2291	40	2830	46	3358	52	3854	58	4298	64	4664
4 1/8	102	10 1/8	397	16 1/8	794	22 1/8	1259	28 1/8	1769	34 1/8	2302	40 1/8	2842	46 1/8	3368	52 1/8	3864	58 1/8	4307	64 1/8	4671
4 1/4	107	10 1/4	404	16 1/4	803	22 1/4	1270	28 1/4	1780	34 1/4	2314	40 1/4	2853	46 1/4	3379	52 1/4	3874	58 1/4	4315	64 1/4	4677
4 3/8	112	10 3/8	412	16 3/8	812	22 3/8	1280	28 3/8	1791	34 3/8	2325	40 3/8	2864	46 3/8	3390	52 3/8	3884	58 3/8	4324	64 3/8	4684
4 1/2	117	10 1/2	419	16 1/2	821	22 1/2	1290	28 1/2	1802	34 1/2	2336	40 1/2	2875	46 1/2	3401	52 1/2	3893	58 1/2	4332	64 1/2	4690
4 5/8	122	10 5/8	427	16 5/8	831	22 5/8	1300	28 5/8	1813	34 5/8	2347	40 5/8	2886	46 5/8	3411	52 5/8	3903	58 5/8	4341	64 5/8	4696
4 3/4	127	10 3/4	434	16 3/4	840	22 3/4	1311	28 3/4	1824	34 3/4	2359	40 3/4	2897	46 3/4	3422	52 3/4	3913	58 3/4	4349	64 3/4	4703
4 7/8	132	10 7/8	442	16 7/8	849	22 7/8	1321	28 7/8	1835	34 7/8	2370	40 7/8	2909	46 7/8	3432	52 7/8	3923	58 7/8	4357	64 7/8	4709
5	137	11	449	17	858	23	1331	29	1846	35	2381	41	2920	47	3443	53	3932	59	4366	65	4715
5 1/8	142	11 1/8	457	17 1/8	868	23 1/8	1342	29 1/8	1857	35 1/8	2392	41 1/8	2931	47 1/8	3454	53 1/8	3942	59 1/8	4374	65 1/8	4721
5 1/4	147	11 1/4	465	17 1/4	877	23 1/4	1352	29 1/4	1868	35 1/4	2404	41 1/4	2942	47 1/4	3464	53 1/4	3952	59 1/4	4382	65 1/4	4727
5 3/8	153	11 3/8	472	17 3/8	886	23 3/8	1363	29 3/8	1879	35 3/8	2415	41 3/8	2953	47 3/8	3475	53 3/8	3961	59 3/8	4390	65 3/8	4733
5 1/2	158	11 1/2	480	17 1/2	896	23 1/2	1373	29 1/2	1890	35 1/2	2426	41 1/2	2964	47 1/2	3485	53 1/2	3971	59 1/2	4398	65 1/2	4739
5 5/8	163	11 5/8	488	17 5/8	905	23 5/8	1383	29 5/8	1901	35 5/8	2437	41 5/8	2975	47 5/8	3496	53 5/8	3980	59 5/8	4406	65 5/8	4745
5 3/4	169	11 3/4	496	17 3/4	914	23 3/4	1394	29 3/4	1912	35 3/4	2449	41 3/4	2986	47 3/4	3507	53 3/4	3990	59 3/4	4415	65 3/4	4751
5 7/8	175	11 7/8	504	17 7/8	924	23 7/8	1404	29 7/8	1923	35 7/8	2460	41 7/8	2997	47 7/8	3517	53 7/8	4000	59 7/8	4423	65 7/8	4757

** PRECISION IS ABOUT +/- 1%



CAPACITY CHART FOR NN06160190 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	4762	67	4806	68	4845	69	4879	70	4908	71	4930										
66 1/8	4768	67 1/8	4811	68 1/8	4849	69 1/8	4883	70 1/8	4911	71 1/8	4932										
66 1/4	4773	67 1/4	4816	68 1/4	4854	69 1/4	4887	70 1/4	4914	71 1/4	4934										
66 3/8	4779	67 3/8	4821	68 3/8	4858	69 3/8	4891	70 3/8	4917	71 3/8	4936										
66 1/2	4784	67 1/2	4826	68 1/2	4863	69 1/2	4894	70 1/2	4920	71 1/2	4938										
66 5/8	4790	67 5/8	4831	68 5/8	4867	69 5/8	4898	70 5/8	4923	71 5/8	4939										
66 3/4	4795	67 3/4	4835	68 3/4	4871	69 3/4	4901	70 3/4	4925	71 3/4	4940										
66 7/8	4800	67 7/8	4840	68 7/8	4875	69 7/8	4905	70 7/8	4928	71 7/8	4941										

** PRECISION IS ABOUT +/- 1%