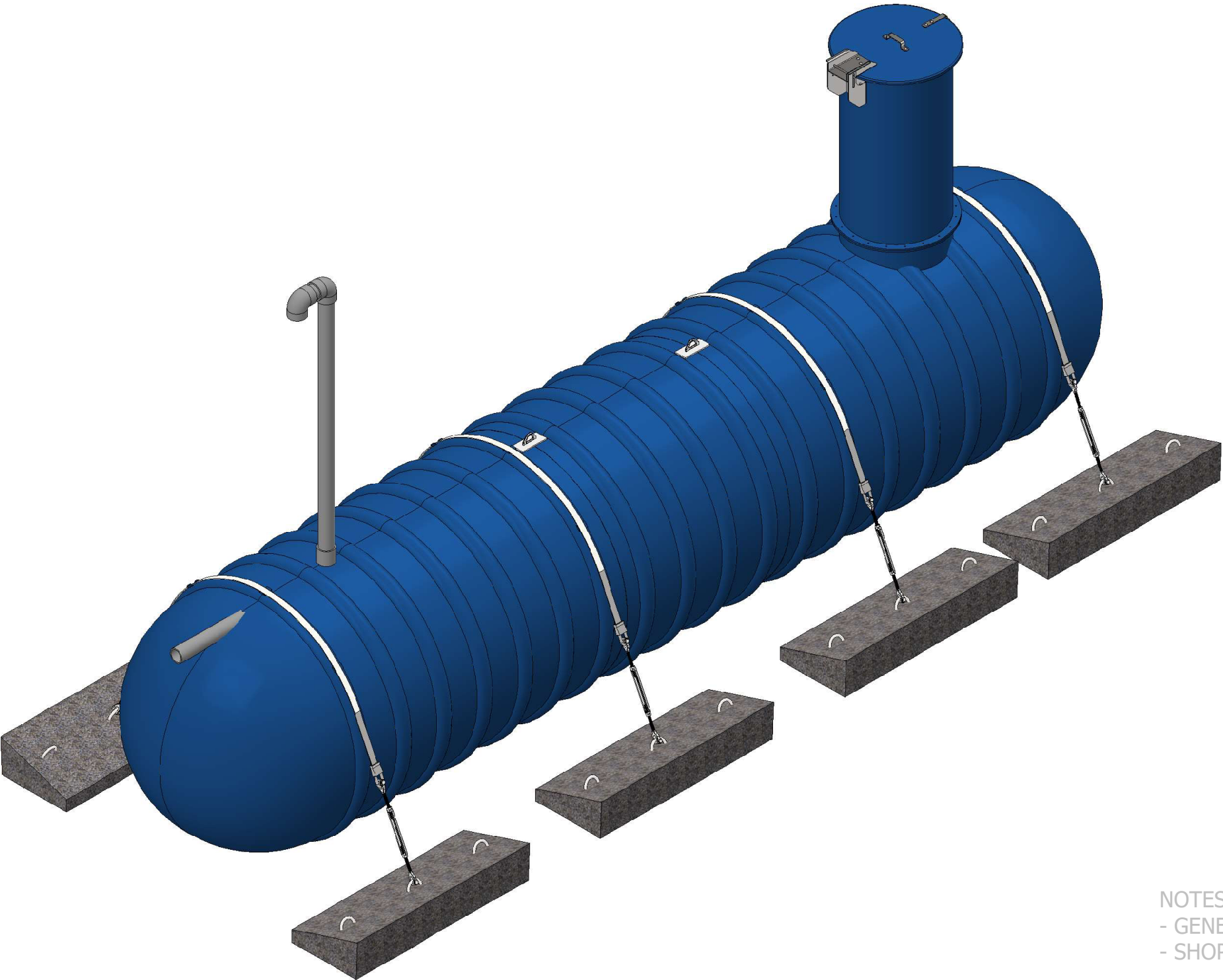


NN06180210EP
 FIBERGLASS TANK



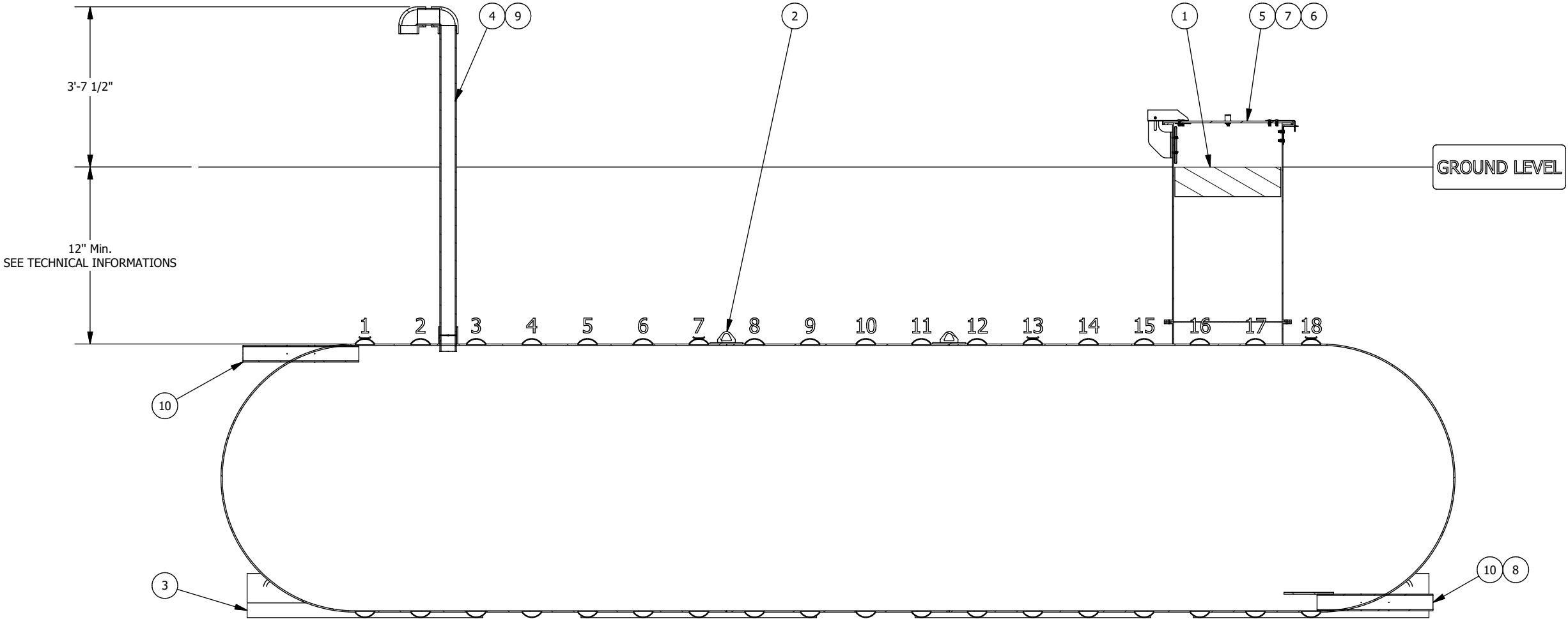
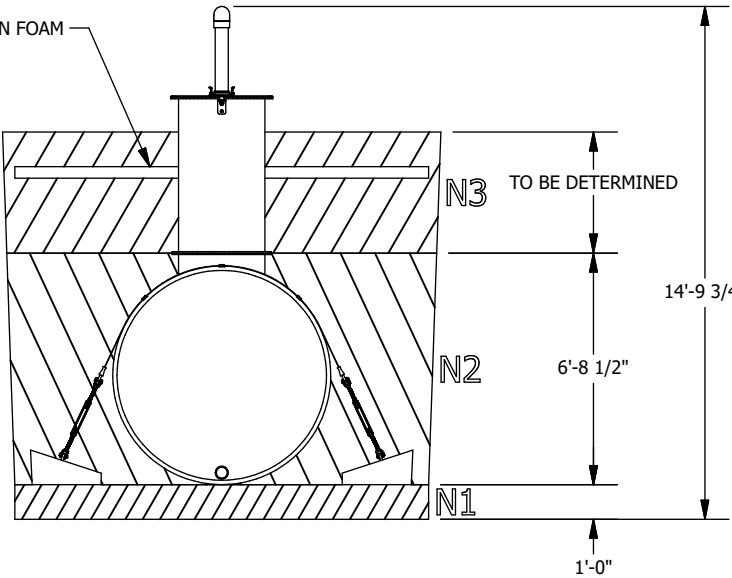
NOTES:
 - GENERIC DRAWING FOR REFERENCE ONLY
 - SHOP DRAWING AVAILABLE ON REQUEST

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TOLERANCES (LINEAR)				Revision description	
FEET DIM. -> ± 1% 0.0 -> ± 0.5"				Format B	Part no. NN06180210EP
TOLERANCES (ANGULAR)		Drawn by O. Marin		19/12/2023	
0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG.					
Weight : 2286 Lb		Approved by :		Title 6' Dia. TANK - 5475 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

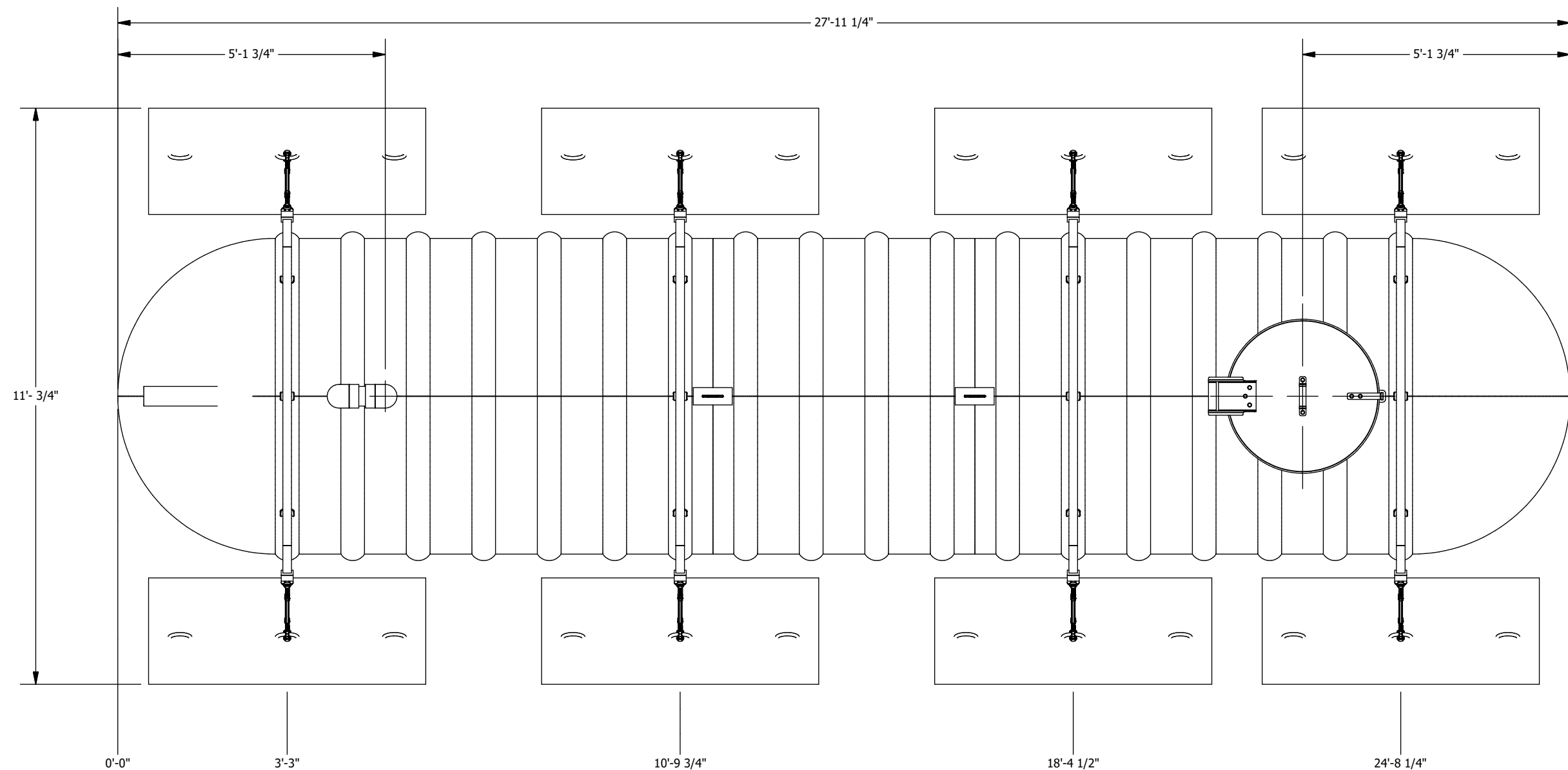
- Burrial depth: According to the geotechnical installation conditions
- Inside Diameter : 72
- (If required) Quantity of fiberglass anchoring straps : 4
- (If required) Quantity of reinforced concrete deadman anchors : 8
- Simultaneous lifting by 2 lugs. The angle of the (chains or belts, etc.) must 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)				Revision description	
FEET DIM. -> ± 1%				Format B Part no. NN06180210EP REV 02	
0.0 -> ± 0.5"					
TOLERANCES (ANGULAR)		Drawn by		Title	
0 -> ± 2 DEG.		O. Marin			
0.0 -> ± 0.5 DEG.		19/12/2023			
Weight :		Approved by :		6' Dia. TANK - 5475 US gal	
2286 Lb					
Client		# Project		Sheet 2 / 4	



PLAN VIEW

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" 0.00 -> ± 0.25" 					



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.
TOLERANCES (ANGULAR)			Drawn by O. Marin			Title				
0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG.			04/10/2018			ANCHORING KIT				
Weight :			Approved by :							
Client		# Projet			Sheet 4 / 4					



CAPACITY CHART FOR NN06180210 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	201	12	570	18	1038	24	1570	30	2144	36	2738	42	3331	48	3905	54	4438	60	4905
1/8	1	6 1/8	208	12 1/8	579	18 1/8	1048	24 1/8	1582	30 1/8	2156	36 1/8	2750	42 1/8	3344	48 1/8	3917	54 1/8	4448	60 1/8	4914
1/4	2	6 1/4	214	12 1/4	588	18 1/4	1059	24 1/4	1594	30 1/4	2169	36 1/4	2763	42 1/4	3356	48 1/4	3928	54 1/4	4459	60 1/4	4923
3/8	4	6 3/8	221	12 3/8	597	18 3/8	1069	24 3/8	1605	30 3/8	2181	36 3/8	2775	42 3/8	3368	48 3/8	3940	54 3/8	4469	60 3/8	4932
1/2	5	6 1/2	227	12 1/2	606	18 1/2	1080	24 1/2	1617	30 1/2	2193	36 1/2	2788	42 1/2	3380	48 1/2	3951	54 1/2	4480	60 1/2	4940
5/8	7	6 5/8	234	12 5/8	615	18 5/8	1090	24 5/8	1629	30 5/8	2205	36 5/8	2800	42 5/8	3392	48 5/8	3963	54 5/8	4490	60 5/8	4949
3/4	9	6 3/4	241	12 3/4	624	18 3/4	1101	24 3/4	1640	30 3/4	2218	36 3/4	2812	42 3/4	3405	48 3/4	3974	54 3/4	4501	60 3/4	4958
7/8	11	6 7/8	247	12 7/8	633	18 7/8	1112	24 7/8	1652	30 7/8	2230	36 7/8	2825	42 7/8	3417	48 7/8	3986	54 7/8	4511	60 7/8	4966
1	14	7	254	13	642	19	1123	25	1664	31	2242	37	2837	43	3429	49	3997	55	4521	61	4975
1 1/8	16	7 1/8	261	13 1/8	652	19 1/8	1133	25 1/8	1676	31 1/8	2255	37 1/8	2850	43 1/8	3441	49 1/8	4009	55 1/8	4531	61 1/8	4983
1 1/4	19	7 1/4	268	13 1/4	661	19 1/4	1144	25 1/4	1687	31 1/4	2267	37 1/4	2862	43 1/4	3453	49 1/4	4020	55 1/4	4542	61 1/4	4992
1 3/8	22	7 3/8	275	13 3/8	670	19 3/8	1155	25 3/8	1699	31 3/8	2279	37 3/8	2875	43 3/8	3465	49 3/8	4032	55 3/8	4552	61 3/8	5000
1 1/2	25	7 1/2	282	13 1/2	679	19 1/2	1166	25 1/2	1711	31 1/2	2292	37 1/2	2887	43 1/2	3477	49 1/2	4043	55 1/2	4562	61 1/2	5008
1 5/8	28	7 5/8	289	13 5/8	689	19 5/8	1177	25 5/8	1723	31 5/8	2304	37 5/8	2899	43 5/8	3490	49 5/8	4054	55 5/8	4572	61 5/8	5017
1 3/4	32	7 3/4	296	13 3/4	698	19 3/4	1187	25 3/4	1735	31 3/4	2316	37 3/4	2912	43 3/4	3502	49 3/4	4066	55 3/4	4582	61 3/4	5025
1 7/8	35	7 7/8	303	13 7/8	708	19 7/8	1198	25 7/8	1746	31 7/8	2328	37 7/8	2924	43 7/8	3514	49 7/8	4077	55 7/8	4592	61 7/8	5033
2	38	8	311	14	717	20	1209	26	1758	32	2341	38	2937	44	3526	50	4088	56	4602	62	5041
2 1/8	42	8 1/8	318	14 1/8	726	20 1/8	1220	26 1/8	1770	32 1/8	2353	38 1/8	2949	44 1/8	3538	50 1/8	4100	56 1/8	4612	62 1/8	5049
2 1/4	46	8 1/4	325	14 1/4	736	20 1/4	1231	26 1/4	1782	32 1/4	2366	38 1/4	2961	44 1/4	3550	50 1/4	4111	56 1/4	4622	62 1/4	5057
2 3/8	50	8 3/8	333	14 3/8	746	20 3/8	1242	26 3/8	1794	32 3/8	2378	38 3/8	2974	44 3/8	3562	50 3/8	4122	56 3/8	4632	62 3/8	5065
2 1/2	54	8 1/2	340	14 1/2	755	20 1/2	1253	26 1/2	1806	32 1/2	2390	38 1/2	2986	44 1/2	3574	50 1/2	4133	56 1/2	4642	62 1/2	5073
2 5/8	58	8 5/8	348	14 5/8	765	20 5/8	1264	26 5/8	1818	32 5/8	2403	38 5/8	2999	44 5/8	3586	50 5/8	4145	56 5/8	4652	62 5/8	5081
2 3/4	62	8 3/4	355	14 3/4	774	20 3/4	1275	26 3/4	1830	32 3/4	2415	38 3/4	3011	44 3/4	3598	50 3/4	4156	56 3/4	4662	62 3/4	5089
2 7/8	66	8 7/8	363	14 7/8	784	20 7/8	1286	26 7/8	1842	32 7/8	2427	38 7/8	3023	44 7/8	3610	50 7/8	4167	56 7/8	4672	62 7/8	5097
3	71	9	371	15	794	21	1297	27	1854	33	2440	39	3036	45	3622	51	4178	57	4682	63	5105
3 1/8	75	9 1/8	379	15 1/8	804	21 1/8	1309	27 1/8	1866	33 1/8	2452	39 1/8	3048	45 1/8	3634	51 1/8	4189	57 1/8	4691	63 1/8	5112
3 1/4	80	9 1/4	386	15 1/4	814	21 1/4	1320	27 1/4	1878	33 1/4	2465	39 1/4	3061	45 1/4	3646	51 1/4	4200	57 1/4	4701	63 1/4	5120
3 3/8	85	9 3/8	394	15 3/8	823	21 3/8	1331	27 3/8	1890	33 3/8	2477	39 3/8	3073	45 3/8	3658	51 3/8	4211	57 3/8	4711	63 3/8	5128
3 1/2	89	9 1/2	402	15 1/2	833	21 1/2	1342	27 1/2	1902	33 1/2	2489	39 1/2	3085	45 1/2	3670	51 1/2	4222	57 1/2	4720	63 1/2	5135
3 5/8	94	9 5/8	410	15 5/8	843	21 5/8	1353	27 5/8	1914	33 5/8	2502	39 5/8	3098	45 5/8	3682	51 5/8	4233	57 5/8	4730	63 5/8	5143
3 3/4	99	9 3/4	418	15 3/4	853	21 3/4	1365	27 3/4	1926	33 3/4	2514	39 3/4	3110	45 3/4	3694	51 3/4	4244	57 3/4	4740	63 3/4	5150
3 7/8	104	9 7/8	426	15 7/8	863	21 7/8	1376	27 7/8	1938	33 7/8	2527	39 7/8	3122	45 7/8	3705	51 7/8	4255	57 7/8	4749	63 7/8	5158
4	109	10	434	16	873	22	1387	28	1950	34	2539	40	3135	46	3717	52	4266	58	4759	64	5165
4 1/8	114	10 1/8	442	16 1/8	883	22 1/8	1398	28 1/8	1962	34 1/8	2551	40 1/8	3147	46 1/8	3729	52 1/8	4277	58 1/8	4768	64 1/8	5172
4 1/4	120	10 1/4	451	16 1/4	893	22 1/4	1410	28 1/4	1974	34 1/4	2564	40 1/4	3159	46 1/4	3741	52 1/4	4288	58 1/4	4777	64 1/4	5179
4 3/8	125	10 3/8	459	16 3/8	903	22 3/8	1421	28 3/8	1986	34 3/8	2576	40 3/8	3172	46 3/8	3753	52 3/8	4299	58 3/8	4787	64 3/8	5187
4 1/2	130	10 1/2	467	16 1/2	914	22 1/2	1432	28 1/2	1998	34 1/2	2589	40 1/2	3184	46 1/2	3765	52 1/2	4310	58 1/2	4796	64 1/2	5194
4 5/8	136	10 5/8	475	16 5/8	924	22 5/8	1444	28 5/8	2010	34 5/8	2601	40 5/8	3196	46 5/8	3776	52 5/8	4321	58 5/8	4805	64 5/8	5201
4 3/4	142	10 3/4	484	16 3/4	934	22 3/4	1455	28 3/4	2022	34 3/4	2613	40 3/4	3209	46 3/4	3788	52 3/4	4331	58 3/4	4815	64 3/4	5208
4 7/8	147	10 7/8	492	16 7/8	944	22 7/8	1467	28 7/8	2034	34 7/8	2626	40 7/8	3221	46 7/8	3800	52 7/8	4342	58 7/8	4824	64 7/8	5215
5	153	11	501	17	954	23	1478	29	2047	35	2638	41	3233	47	3812	53	4353	59	4833	65	5221
5 1/8	159	11 1/8	509	17 1/8	965	23 1/8	1490	29 1/8	2059	35 1/8	2651	41 1/8	3246	47 1/8	3823	53 1/8	4364	59 1/8	4842	65 1/8	5228
5 1/4	165	11 1/4	518	17 1/4	975	23 1/4	1501	29 1/4	2071	35 1/4	2663	41 1/4	3258	47 1/4	3835	53 1/4	4374	59 1/4	4851	65 1/4	5235
5 3/8	171	11 3/8	527	17 3/8	985	23 3/8	1513	29 3/8	2083	35 3/8	2676	41 3/8	3270	47 3/8	3847	53 3/8	4385	59 3/8	4861	65 3/8	5242
5 1/2	177	11 1/2	535	17 1/2	996	23 1/2	1524	29 1/2	2095	35 1/2	2688	41 1/2	3282	47 1/2	3859	53 1/2	4396	59 1/2	4870	65 1/2	5248
5 5/8	183	11 5/8	544	17 5/8	1006	23 5/8	1536	29 5/8	2108	35 5/8	2700	41 5/8	3295	47 5/8	3870	53 5/8	4406	59 5/8	4879	65 5/8	5255
5 3/4	189	11 3/4	553	17 3/4	1017	23 3/4	1547	29 3/4	2120	35 3/4	2713	41 3/4	3307	47 3/4	3882	53 3/4	4417	59 3/4	4888	65 3/4	5261
5 7/8	195	11 7/8	561	17 7/8	1027	23 7/8	1559	29 7/8	2132	35 7/8	2725	41 7/8	3319	47 7/8	3894	53 7/8	4427	59 7/8	4896	65 7/8	5268

** PRECISION IS ABOUT +/- 1%



CAPACITY CHART FOR NN06180210 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	5274	67	5323	68	5366	69	5405	70	5437	71	5462										
66 1/8	5280	67 1/8	5328	68 1/8	5371	69 1/8	5409	70 1/8	5441	71 1/8	5464										
66 1/4	5287	67 1/4	5334	68 1/4	5376	69 1/4	5413	70 1/4	5444	71 1/4	5466										
66 3/8	5293	67 3/8	5340	68 3/8	5381	69 3/8	5418	70 3/8	5447	71 3/8	5469										
66 1/2	5299	67 1/2	5345	68 1/2	5386	69 1/2	5422	70 1/2	5450	71 1/2	5470										
66 5/8	5305	67 5/8	5351	68 5/8	5391	69 5/8	5426	70 5/8	5454	71 5/8	5472										
66 3/4	5311	67 3/4	5356	68 3/4	5396	69 3/4	5430	70 3/4	5456	71 3/4	5473										
66 7/8	5317	67 7/8	5361	68 7/8	5400	69 7/8	5433	70 7/8	5459	71 7/8	5474										

** PRECISION IS ABOUT +/- 1%