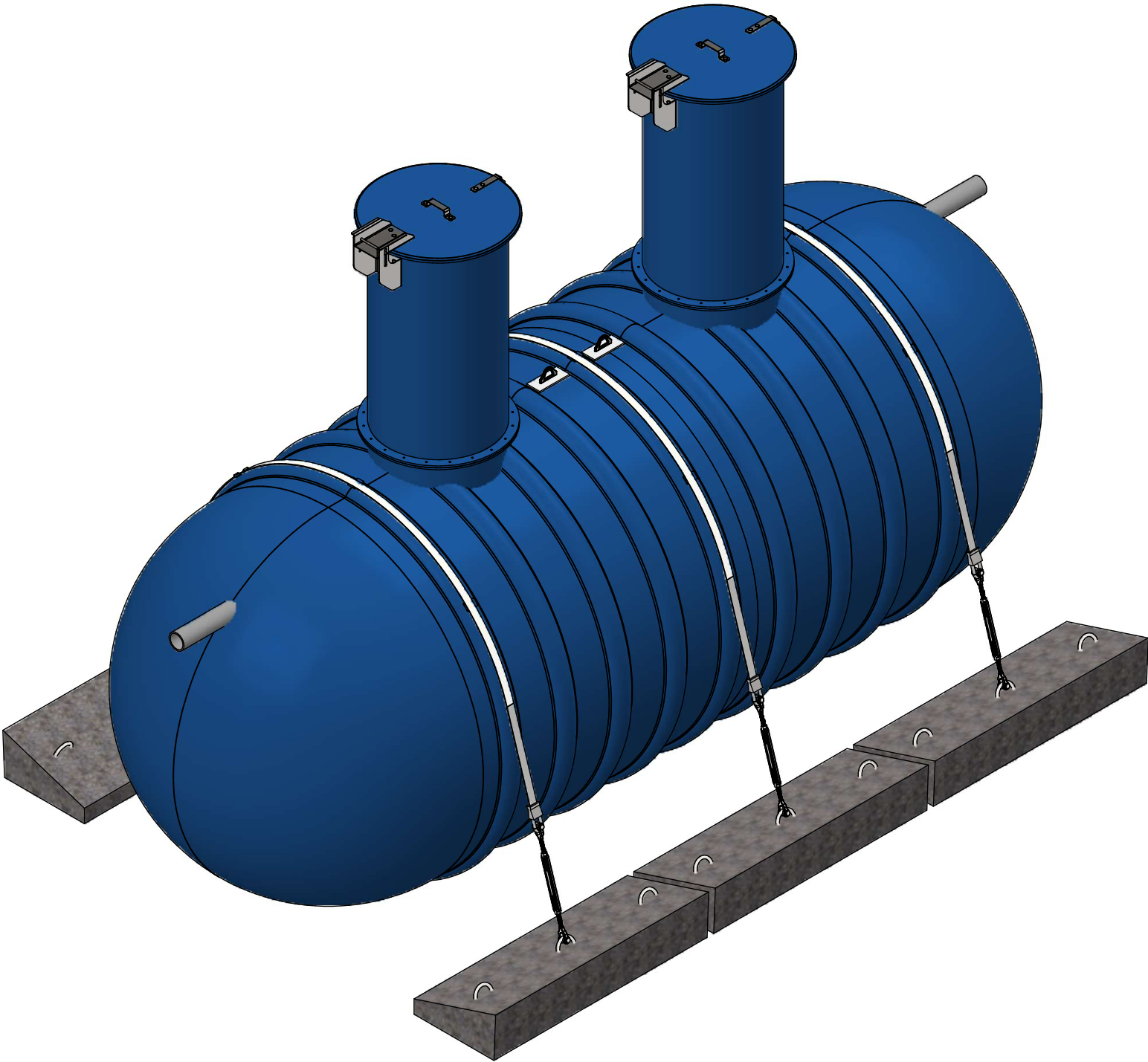


NN08090205FS

FIBERGLASS TANK
 TOTAL CAPACITY : 6077 US gal
 NOMINAL CAPACITY (EFFECTIVE) : 5467 US gal

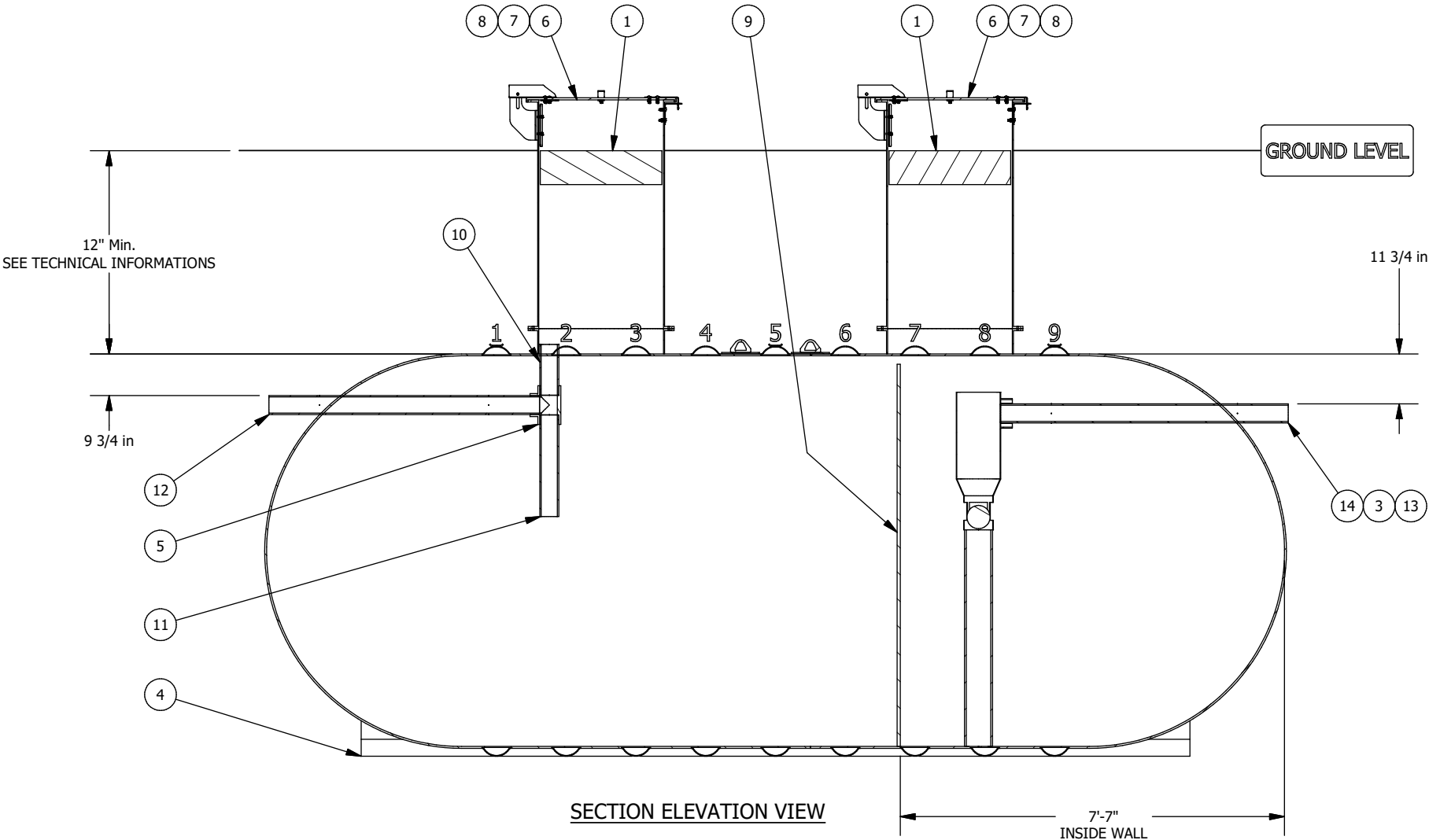
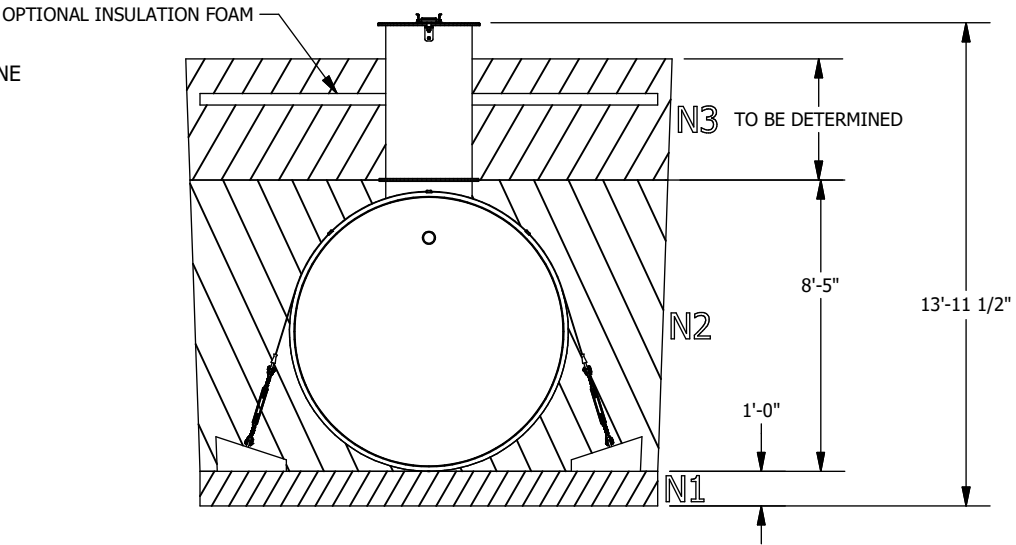


NOTES:
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 - SHOP DRAWING AVAILABLE ON REQUEST

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TOLERANCES (LINEAR)				Revision description	
FEET DIM. -> ± 1% 0.0 -> ± 0.5"				Format B	Part no. NN08090205FS
TOLERANCES (ANGULAR)		Drawn by O. Marin		19/01/2024	
0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG.		Approved by :		Title	
Weight : 2978 Lb				8' Dia. TANK - 6077 US gal	
Client	# Projet	Sheet 1 / 4			

Item	Part Number	Qty	Description	Check List
1	ADF0000001	2	FOAM 28-3/4" DIA. x 8" / R-35	
2	ADPGILP001	2	LIFTING LUGS	
3	AEDPL52500	1	Polylok PL-525 PREFILTER	
4	ENSCOUR8	3	ANCHORING KIT	
5	FPT0400801	1	4" SCH.80 - UNTHREADED T GREY	
6	GMHE30-COVER01	2	30" DIA. FRP. - LOCKABLE MAN HOLE COVER WITH HINGE	
7	MH-30 (6"L.)	2	30" DIA. x 6" L. - MANHOLE	
8	MHE-30 (54"L.)	2	30" DIA. x 54" L. - MANHOLE EXTENSION	
9	MUR08	1	08' DIA. - WALL	
10	TP80400G01 (12"L.)	1	4" SCH.80 - GREY PVC PIPE	
11	TP80400G01 (24"L.)	1	4" SCH.80 - GREY PVC PIPE	
12	TP80400G01 (64"L.)	1	4" SCH.80 - GREY PVC PIPE	
13	TP80600G01 (51.125"L.)	1	6" SCH.80 - GREY PVC PIPE	
14	TP80400G01 (68"L.)	1	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

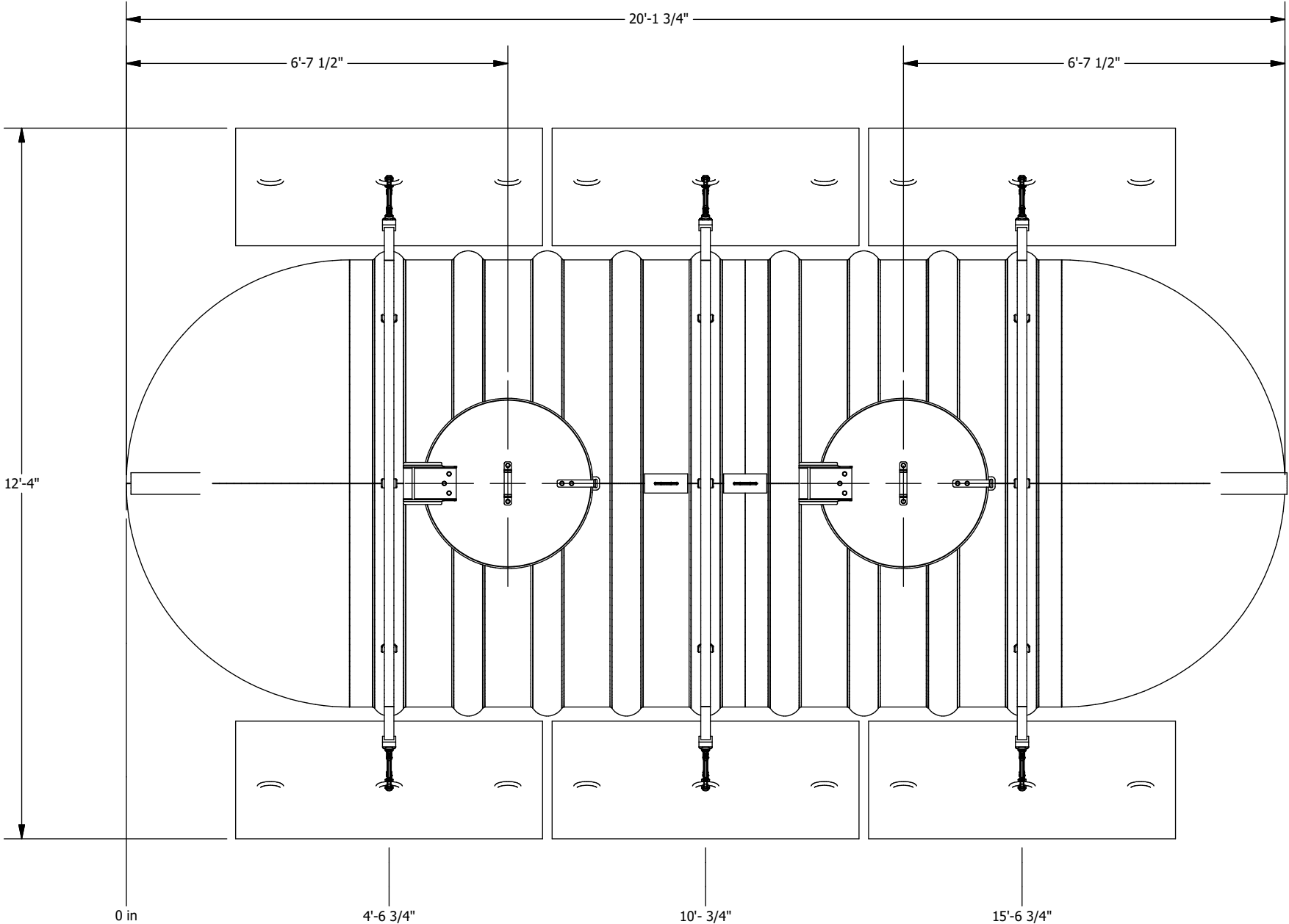
Technical informations

- Burrial depth: According to the geotechnical installation conditions
- Inside Diameter : 92.25"
- (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 35 kPa

The tank must be installed in accordance with the manufacturer's instructions.
Optional effluent filter PL-525.

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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	
TOLERANCES (ANGULAR) 0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG. 0.00 -> ± 0.1 DEG.		Drawn by O. Marin		19/01/2024	
Weight : 2978 Lb		Approved by :		Title 8' Dia. TANK - 6077 US gal	
Client		# Project			
		Sheet		2 / 4	



PLAN VIEW

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TOLERANCES (LINEAR)			Revision description				
FEET DIM. -> ± 1% 0.0 -> ± 0.5"							
0.00 -> ± 0.25" 0.000 -> ± 0.125"							
TOLERANCES (ANGULAR)		Drawn by O. Marin	19/01/2024		Format B	Part no. NN08090205FS	REV 02.
0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG.							
Weight : 2978 Lb		Approved by :		8' Dia. TANK - 6077 US gal			
Client		# Project					
		Sheet 3 / 4					



-

Fiberglass Strap Guide

Directly installed on the tank



CAPACITY CHART FOR NN08090205 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	141	12	412	18	768	24	1188	30	1655	36	2155	42	2675	48	3204	54	3729	60	4238
1/8	1	6 1/8	145	12 1/8	418	18 1/8	776	24 1/8	1197	30 1/8	1665	36 1/8	2165	42 1/8	2686	48 1/8	3215	54 1/8	3740	60 1/8	4249
1/4	2	6 1/4	150	12 1/4	425	18 1/4	784	24 1/4	1206	30 1/4	1675	36 1/4	2176	42 1/4	2697	48 1/4	3226	54 1/4	3751	60 1/4	4259
3/8	2	6 3/8	155	12 3/8	432	18 3/8	792	24 3/8	1216	30 3/8	1685	36 3/8	2187	42 3/8	2708	48 3/8	3237	54 3/8	3761	60 3/8	4269
1/2	4	6 1/2	159	12 1/2	438	18 1/2	801	24 1/2	1225	30 1/2	1695	36 1/2	2198	42 1/2	2719	48 1/2	3248	54 1/2	3772	60 1/2	4280
5/8	5	6 5/8	164	12 5/8	445	18 5/8	809	24 5/8	1234	30 5/8	1705	36 5/8	2208	42 5/8	2730	48 5/8	3259	54 5/8	3783	60 5/8	4290
3/4	6	6 3/4	169	12 3/4	452	18 3/4	817	24 3/4	1244	30 3/4	1716	36 3/4	2219	42 3/4	2741	48 3/4	3270	54 3/4	3794	60 3/4	4300
7/8	8	6 7/8	174	12 7/8	459	18 7/8	826	24 7/8	1253	30 7/8	1726	36 7/8	2230	42 7/8	2752	48 7/8	3281	54 7/8	3804	60 7/8	4310
1	9	7	179	13	466	19	834	25	1263	31	1736	37	2240	43	2763	49	3292	55	3815	61	4321
1 1/8	11	7 1/8	184	13 1/8	473	19 1/8	842	25 1/8	1272	31 1/8	1746	37 1/8	2251	43 1/8	2774	49 1/8	3303	55 1/8	3826	61 1/8	4331
1 1/4	13	7 1/4	189	13 1/4	480	19 1/4	851	25 1/4	1282	31 1/4	1757	37 1/4	2262	43 1/4	2785	49 1/4	3314	55 1/4	3837	61 1/4	4341
1 3/8	15	7 3/8	194	13 3/8	487	19 3/8	859	25 3/8	1291	31 3/8	1767	37 3/8	2273	43 3/8	2796	49 3/8	3325	55 3/8	3847	61 3/8	4351
1 1/2	17	7 1/2	199	13 1/2	494	19 1/2	868	25 1/2	1301	31 1/2	1777	37 1/2	2283	43 1/2	2807	49 1/2	3336	55 1/2	3858	61 1/2	4362
1 5/8	19	7 5/8	204	13 5/8	501	19 5/8	876	25 5/8	1310	31 5/8	1787	37 5/8	2294	43 5/8	2818	49 5/8	3347	55 5/8	3869	61 5/8	4372
1 3/4	21	7 3/4	209	13 3/4	508	19 3/4	884	25 3/4	1320	31 3/4	1798	37 3/4	2305	43 3/4	2829	49 3/4	3358	55 3/4	3880	61 3/4	4382
1 7/8	24	7 7/8	214	13 7/8	515	19 7/8	893	25 7/8	1329	31 7/8	1808	37 7/8	2316	43 7/8	2840	49 7/8	3369	55 7/8	3890	61 7/8	4392
2	26	8	220	14	522	20	902	26	1339	32	1818	38	2327	44	2851	50	3380	56	3901	62	4402
2 1/8	29	8 1/8	225	14 1/8	529	20 1/8	910	26 1/8	1348	32 1/8	1829	38 1/8	2337	44 1/8	2862	50 1/8	3391	56 1/8	3912	62 1/8	4412
2 1/4	31	8 1/4	230	14 1/4	536	20 1/4	919	26 1/4	1358	32 1/4	1839	38 1/4	2348	44 1/4	2873	50 1/4	3402	56 1/4	3922	62 1/4	4423
2 3/8	34	8 3/8	236	14 3/8	544	20 3/8	927	26 3/8	1368	32 3/8	1849	38 3/8	2359	44 3/8	2884	50 3/8	3413	56 3/8	3933	62 3/8	4433
2 1/2	37	8 1/2	241	14 1/2	551	20 1/2	936	26 1/2	1377	32 1/2	1860	38 1/2	2370	44 1/2	2895	50 1/2	3424	56 1/2	3944	62 1/2	4443
2 5/8	39	8 5/8	247	14 5/8	558	20 5/8	945	26 5/8	1387	32 5/8	1870	38 5/8	2381	44 5/8	2906	50 5/8	3435	56 5/8	3954	62 5/8	4453
2 3/4	42	8 3/4	252	14 3/4	566	20 3/4	953	26 3/4	1397	32 3/4	1881	38 3/4	2392	44 3/4	2917	50 3/4	3446	56 3/4	3965	62 3/4	4463
2 7/8	45	8 7/8	258	14 7/8	573	20 7/8	962	26 7/8	1406	32 7/8	1891	38 7/8	2402	44 7/8	2928	50 7/8	3457	56 7/8	3976	62 7/8	4473
3	48	9	264	15	581	21	971	27	1416	33	1901	39	2413	45	2939	51	3468	57	3986	63	4483
3 1/8	52	9 1/8	269	15 1/8	588	21 1/8	980	27 1/8	1426	33 1/8	1912	39 1/8	2424	45 1/8	2950	51 1/8	3479	57 1/8	3997	63 1/8	4493
3 1/4	55	9 1/4	275	15 1/4	596	21 1/4	988	27 1/4	1436	33 1/4	1922	39 1/4	2435	45 1/4	2961	51 1/4	3490	57 1/4	4008	63 1/4	4503
3 3/8	58	9 3/8	281	15 3/8	603	21 3/8	997	27 3/8	1445	33 3/8	1933	39 3/8	2446	45 3/8	2972	51 3/8	3501	57 3/8	4018	63 3/8	4513
3 1/2	61	9 1/2	287	15 1/2	611	21 1/2	1006	27 1/2	1455	33 1/2	1943	39 1/2	2457	45 1/2	2983	51 1/2	3511	57 1/2	4029	63 1/2	4523
3 5/8	65	9 5/8	293	15 5/8	618	21 5/8	1015	27 5/8	1465	33 5/8	1954	39 5/8	2468	45 5/8	2994	51 5/8	3522	57 5/8	4039	63 5/8	4533
3 3/4	68	9 3/4	298	15 3/4	626	21 3/4	1024	27 3/4	1475	33 3/4	1964	39 3/4	2478	45 3/4	3005	51 3/4	3533	57 3/4	4050	63 3/4	4543
3 7/8	72	9 7/8	304	15 7/8	633	21 7/8	1033	27 7/8	1485	33 7/8	1975	39 7/8	2489	45 7/8	3017	51 7/8	3544	57 7/8	4060	63 7/8	4553
4	75	10	310	16	641	22	1042	28	1495	34	1985	40	2500	46	3028	52	3555	58	4071	64	4563
4 1/8	79	10 1/8	316	16 1/8	649	22 1/8	1051	28 1/8	1504	34 1/8	1996	40 1/8	2511	46 1/8	3039	52 1/8	3566	58 1/8	4081	64 1/8	4573
4 1/4	83	10 1/4	322	16 1/4	657	22 1/4	1060	28 1/4	1514	34 1/4	2006	40 1/4	2522	46 1/4	3050	52 1/4	3577	58 1/4	4092	64 1/4	4583
4 3/8	86	10 3/8	329	16 3/8	664	22 3/8	1069	28 3/8	1524	34 3/8	2017	40 3/8	2533	46 3/8	3061	52 3/8	3588	58 3/8	4103	64 3/8	4592
4 1/2	90	10 1/2	335	16 1/2	672	22 1/2	1078	28 1/2	1534	34 1/2	2027	40 1/2	2544	46 1/2	3072	52 1/2	3599	58 1/2	4113	64 1/2	4602
4 5/8	94	10 5/8	341	16 5/8	680	22 5/8	1087	28 5/8	1544	34 5/8	2038	40 5/8	2555	46 5/8	3083	52 5/8	3610	58 5/8	4124	64 5/8	4612
4 3/4	98	10 3/4	347	16 3/4	688	22 3/4	1096	28 3/4	1554	34 3/4	2048	40 3/4	2566	46 3/4	3094	52 3/4	3620	58 3/4	4134	64 3/4	4622
4 7/8	102	10 7/8	353	16 7/8	696	22 7/8	1105	28 7/8	1564	34 7/8	2059	40 7/8	2577	46 7/8	3105	52 7/8	3631	58 7/8	4144	64 7/8	4632
5	106	11	360	17	704	23	1114	29	1574	35	2070	41	2588	47	3116	53	3642	59	4155	65	4642
5 1/8	110	11 1/8	366	17 1/8	711	23 1/8	1123	29 1/8	1584	35 1/8	2080	41 1/8	2599	47 1/8	3127	53 1/8	3653	59 1/8	4165	65 1/8	4651
5 1/4	114	11 1/4	372	17 1/4	719	23 1/4	1132	29 1/4	1594	35 1/4	2091	41 1/4	2609	47 1/4	3138	53 1/4	3664	59 1/4	4176	65 1/4	4661
5 3/8	119	11 3/8	379	17 3/8	727	23 3/8	1141	29 3/8	1604	35 3/8	2101	41 3/8	2620	47 3/8	3149	53 3/8	3675	59 3/8	4186	65 3/8	4671
5 1/2	123	11 1/2	385	17 1/2	735	23 1/2	1151	29 1/2	1614	35 1/2	2112	41 1/2	2631	47 1/2	3160	53 1/2	3686	59 1/2	4197	65 1/2	4680
5 5/8	127	11 5/8	392	17 5/8	743	23 5/8	1160	29 5/8	1624	35 5/8	2123	41 5/8	2642	47 5/8	3171	53 5/8	3696	59 5/8	4207	65 5/8	4690
5 3/4	132	11 3/4	398	17 3/4	752	23 3/4	1169	29 3/4	1634	35 3/4	2133	41 3/4	2653	47 3/4	3182	53 3/4	3707	59 3/4	4217	65 3/4	4700
5 7/8	136	11 7/8	405	17 7/8	760	23 7/8	1178	29 7/8	1644	35 7/8	2144	41 7/8	2664	47 7/8	3193	53 7/8	3718	59 7/8	4228	65 7/8	4710

** PRECISION IS ABOUT +/- 1%



CAPACITY CHART FOR NN08090205 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	4719	69	4945	72	5158	75	5358	78	5541	81	5705	84	5847	87	5963	90	6046				
66 1/8	4729	69 1/8	4954	72 1/8	5167	75 1/8	5366	78 1/8	5548	81 1/8	5711	84 1/8	5852	87 1/8	5967	90 1/8	6049				
66 1/4	4738	69 1/4	4963	72 1/4	5176	75 1/4	5374	78 1/4	5555	81 1/4	5717	84 1/4	5857	87 1/4	5971	90 1/4	6051				
66 3/8	4748	69 3/8	4972	72 3/8	5184	75 3/8	5382	78 3/8	5562	81 3/8	5724	84 3/8	5863	87 3/8	5975	90 3/8	6053				
66 1/2	4758	69 1/2	4981	72 1/2	5193	75 1/2	5389	78 1/2	5569	81 1/2	5730	84 1/2	5868	87 1/2	5979	90 1/2	6056				
66 5/8	4767	69 5/8	4990	72 5/8	5201	75 5/8	5397	78 5/8	5577	81 5/8	5736	84 5/8	5873	87 5/8	5983	90 5/8	6058				
66 3/4	4777	69 3/4	4999	72 3/4	5210	75 3/4	5405	78 3/4	5584	81 3/4	5742	84 3/4	5878	87 3/4	5987	90 3/4	6060				
66 7/8	4786	69 7/8	5009	72 7/8	5218	75 7/8	5413	78 7/8	5591	81 7/8	5749	84 7/8	5883	87 7/8	5991	90 7/8	6062				
67	4796	70	5018	73	5227	76	5421	79	5598	82	5755	85	5889	88	5995	91	6064				
67 1/8	4805	70 1/8	5026	73 1/8	5235	76 1/8	5428	79 1/8	5605	82 1/8	5761	85 1/8	5894	88 1/8	5998	91 1/8	6066				
67 1/4	4815	70 1/4	5035	73 1/4	5243	76 1/4	5436	79 1/4	5611	82 1/4	5767	85 1/4	5899	88 1/4	6002	91 1/4	6068				
67 3/8	4824	70 3/8	5044	73 3/8	5252	76 3/8	5444	79 3/8	5618	82 3/8	5773	85 3/8	5903	88 3/8	6006	91 3/8	6069				
67 1/2	4833	70 1/2	5053	73 1/2	5260	76 1/2	5451	79 1/2	5625	82 1/2	5779	85 1/2	5908	88 1/2	6009	91 1/2	6071				
67 5/8	4843	70 5/8	5062	73 5/8	5268	76 5/8	5459	79 5/8	5632	82 5/8	5785	85 5/8	5913	88 5/8	6012	91 5/8	6072				
67 3/4	4852	70 3/4	5071	73 3/4	5277	76 3/4	5467	79 3/4	5639	82 3/4	5790	85 3/4	5918	88 3/4	6016	91 3/4	6074				
67 7/8	4862	70 7/8	5080	73 7/8	5285	76 7/8	5474	79 7/8	5646	82 7/8	5796	85 7/8	5923	88 7/8	6019	91 7/8	6075				
68	4871	71	5089	74	5293	77	5482	80	5652	83	5802	86	5927	89	6022	92	6076				
68 1/8	4880	71 1/8	5098	74 1/8	5301	77 1/8	5489	80 1/8	5659	83 1/8	5808	86 1/8	5932	89 1/8	6026	92 1/8	6076				
68 1/4	4890	71 1/4	5106	74 1/4	5309	77 1/4	5497	80 1/4	5666	83 1/4	5814	86 1/4	5936	89 1/4	6029	92 1/4	6077				
68 3/8	4899	71 3/8	5115	74 3/8	5317	77 3/8	5504	80 3/8	5672	83 3/8	5819	86 3/8	5941	89 3/8	6032	92 3/8	6077				
68 1/2	4908	71 1/2	5124	74 1/2	5326	77 1/2	5511	80 1/2	5679	83 1/2	5825	86 1/2	5945	89 1/2	6035						
68 5/8	4917	71 5/8	5132	74 5/8	5334	77 5/8	5519	80 5/8	5685	83 5/8	5830	86 5/8	5950	89 5/8	6038						
68 3/4	4927	71 3/4	5141	74 3/4	5342	77 3/4	5526	80 3/4	5692	83 3/4	5836	86 3/4	5954	89 3/4	6041						
68 7/8	4936	71 7/8	5150	74 7/8	5350	77 7/8	5533	80 7/8	5698	83 7/8	5841	86 7/8	5958	89 7/8	6043						

** PRECISION IS ABOUT +/- 1%