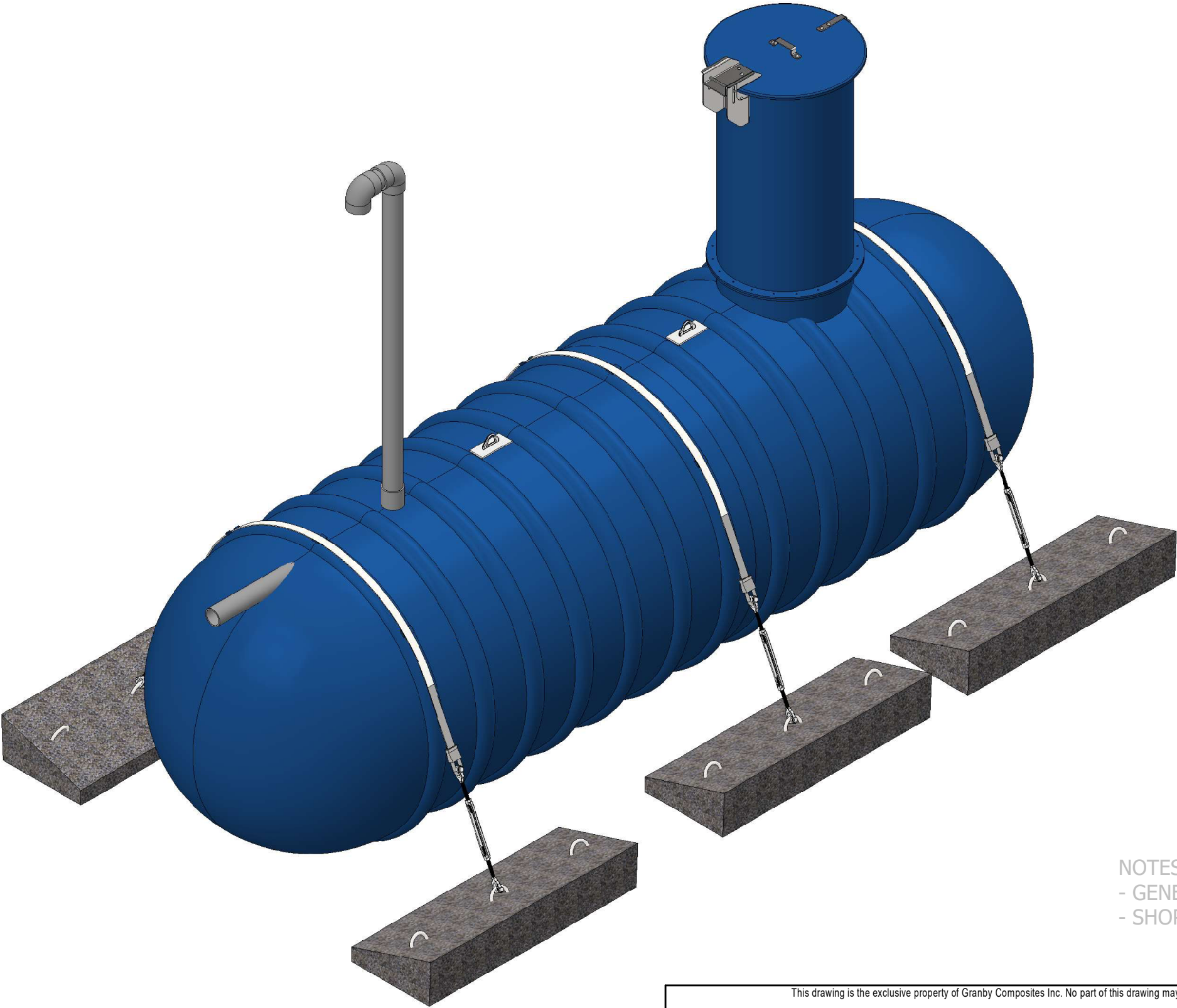


NN06120146EP
 FIBERGLASS TANK

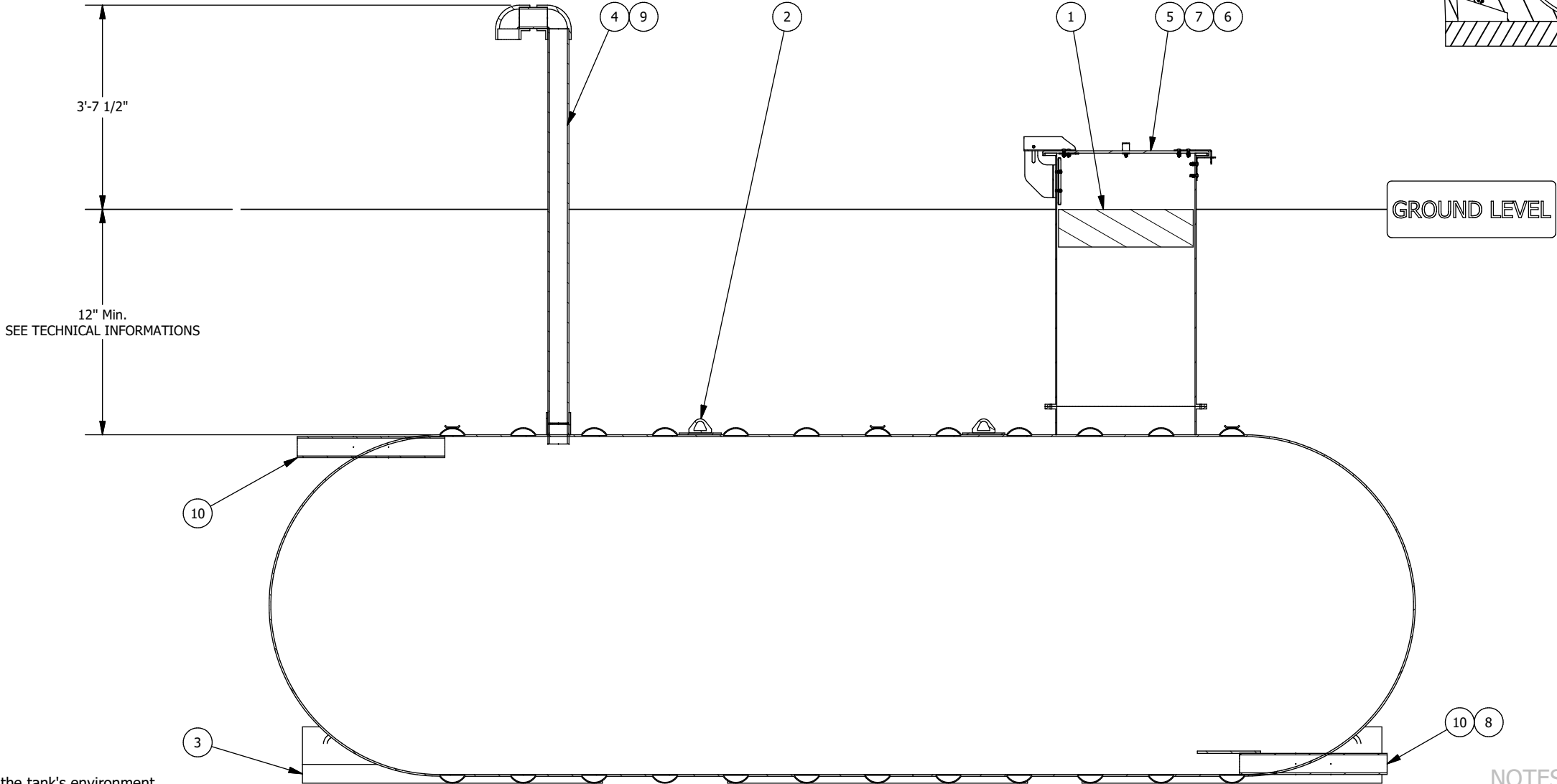
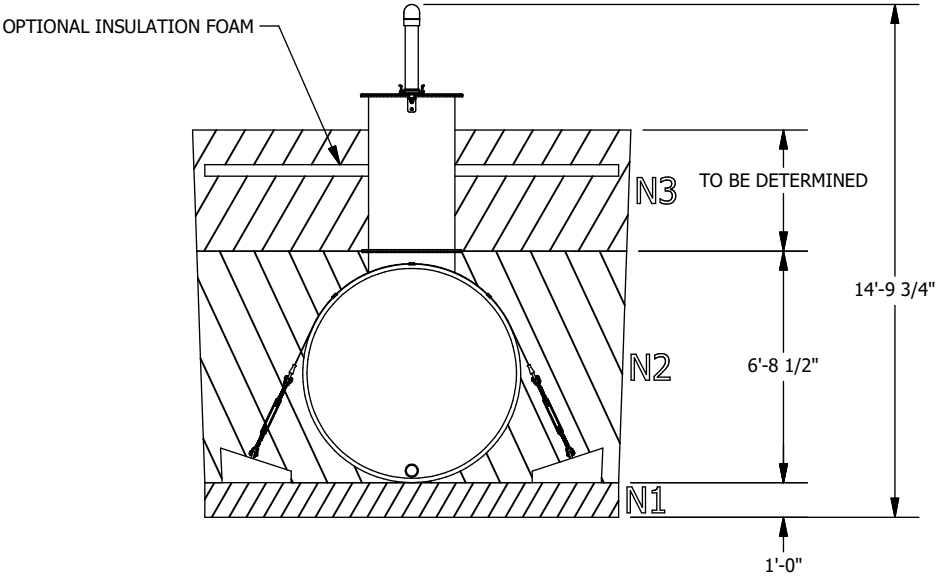


NOTES:
 - GENERIC DRAWING FOR REFERENCE ONLY
 - SHOP DRAWING AVAILABLE ON REQUEST

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TOLERANCES (LINEAR)		 GRANBY COMPOSITES		Revision description			
FEET DIM. -> ± 1% 0.0 -> ± 0.5"							
0.00 -> ± 0.25" 0.000 -> ± 0.125"							
TOLERANCES (ANGULAR)		Drawn by O. Marin		Format B		Part no. NN06120146EP	REV 02.
0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG.				19/12/2023			
Weight : 1729 Lb		Approved by :		Title			
				6' Dia. TANK - 3876 US gal			
Client		# Projet		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	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 : 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
 - Manufactured according to NSF-61 requirements for drinking water
 - Airtightness test performed at the factory at 35 kPa

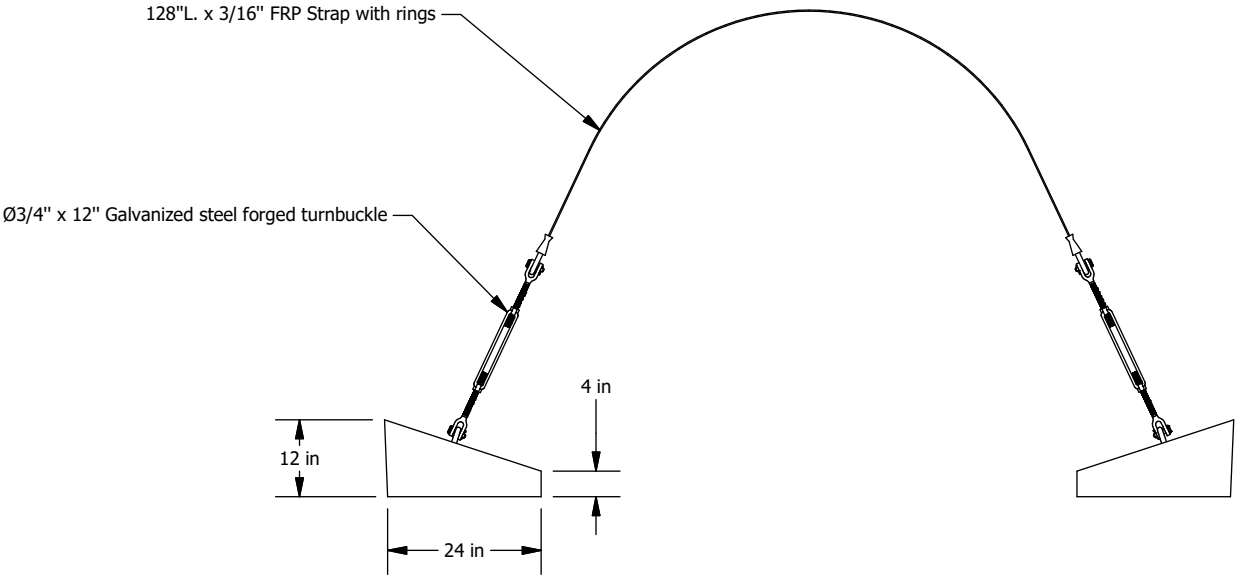
The tank must be installed in accordance with the manufacturer's instructions.

SECTION ELEVATION VIEW

NOTES:
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TOLERANCES (LINEAR) FEET DIM. -> ± 1% 0.0 -> ± 0.5"		GRANBY COMPOSITES		Revision description
TOLERANCES (ANGULAR) 0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG.		Drawn by O. Marin	19/12/2023	Format B
Weight : 1729 Lb		Approved by :		Part no. NN06120146EP
Client		# Projet	Sheet 2 / 4	REV 02.
Title 6' Dia. TANK - 3876 US gal				

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TOLERANCES (LINEAR) FEET DIM. -> ± 1% 0.00 -> ± 0.25" 0.0 -> ± 0.5" 0.000 -> ± 0.125"		 GRANBY COMPOSITES		Revision description		
TOLERANCES (ANGULAR) 0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG. 0.00 -> ± 0.1 DEG.				Format B	Part no. NN06120146EP	REV 02 .
Weight : 1729 Lb		Drawn by O. Marin		19/12/2023		
Approved by :		Title				
Client		# Projet		6' Dia. TANK - 3876 US gal		
		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) FEET DIM. -> ± 1% 0.0 -> ± 0.5"0.00 -> ± 0.25" 0.000 -> ± 0.125"				Revision description	
				Format B	Part no. ENSCOUR6
TOLERANCES (ANGULAR) 0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG.0.00 -> ± 0.1 DEG.		Drawn by O. Marin		04/10/2018	
Weight :		Approved by :		Title ANCHORING KIT	
Client		# Projet		Sheet 4 / 4	



CAPACITY CHART FOR NN06120146 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	138	12	395	18	725	24	1104	30	1513	36	1938	42	2363	48	2772	54	3151	60	3481
1/8	1	6 1/8	142	12 1/8	401	18 1/8	732	24 1/8	1112	30 1/8	1522	36 1/8	1947	42 1/8	2371	48 1/8	2781	54 1/8	3159	60 1/8	3487
1/4	2	6 1/4	147	12 1/4	407	18 1/4	740	24 1/4	1120	30 1/4	1531	36 1/4	1956	42 1/4	2380	48 1/4	2789	54 1/4	3166	60 1/4	3493
3/8	2	6 3/8	151	12 3/8	414	18 3/8	747	24 3/8	1129	30 3/8	1540	36 3/8	1965	42 3/8	2389	48 3/8	2797	54 3/8	3173	60 3/8	3500
1/2	4	6 1/2	156	12 1/2	420	18 1/2	755	24 1/2	1137	30 1/2	1548	36 1/2	1974	42 1/2	2398	48 1/2	2805	54 1/2	3181	60 1/2	3506
5/8	5	6 5/8	160	12 5/8	426	18 5/8	762	24 5/8	1145	30 5/8	1557	36 5/8	1982	42 5/8	2406	48 5/8	2814	54 5/8	3188	60 5/8	3512
3/4	6	6 3/4	165	12 3/4	433	18 3/4	770	24 3/4	1154	30 3/4	1566	36 3/4	1991	42 3/4	2415	48 3/4	2822	54 3/4	3195	60 3/4	3518
7/8	8	6 7/8	169	12 7/8	439	18 7/8	778	24 7/8	1162	30 7/8	1575	36 7/8	2000	42 7/8	2424	48 7/8	2830	54 7/8	3203	60 7/8	3524
1	9	7	174	13	446	19	785	25	1170	31	1583	37	2009	43	2432	49	2838	55	3210	61	3530
1 1/8	11	7 1/8	179	13 1/8	452	19 1/8	793	25 1/8	1179	31 1/8	1592	37 1/8	2018	43 1/8	2441	49 1/8	2846	55 1/8	3217	61 1/8	3536
1 1/4	13	7 1/4	184	13 1/4	459	19 1/4	800	25 1/4	1187	31 1/4	1601	37 1/4	2027	43 1/4	2450	49 1/4	2854	55 1/4	3225	61 1/4	3542
1 3/8	15	7 3/8	189	13 3/8	465	19 3/8	808	25 3/8	1195	31 3/8	1610	37 3/8	2036	43 3/8	2458	49 3/8	2862	55 3/8	3232	61 3/8	3547
1 1/2	17	7 1/2	193	13 1/2	472	19 1/2	816	25 1/2	1204	31 1/2	1619	37 1/2	2045	43 1/2	2467	49 1/2	2871	55 1/2	3239	61 1/2	3553
1 5/8	19	7 5/8	198	13 5/8	478	19 5/8	823	25 5/8	1212	31 5/8	1628	37 5/8	2054	43 5/8	2476	49 5/8	2879	55 5/8	3246	61 5/8	3559
1 3/4	21	7 3/4	203	13 3/4	485	19 3/4	831	25 3/4	1221	31 3/4	1636	37 3/4	2063	43 3/4	2484	49 3/4	2887	55 3/4	3253	61 3/4	3565
1 7/8	24	7 7/8	208	13 7/8	492	19 7/8	839	25 7/8	1229	31 7/8	1645	37 7/8	2071	43 7/8	2493	49 7/8	2895	55 7/8	3260	61 7/8	3571
2	26	8	213	14	498	20	847	26	1238	32	1654	38	2080	44	2502	50	2903	56	3268	62	3576
2 1/8	29	8 1/8	219	14 1/8	505	20 1/8	854	26 1/8	1246	32 1/8	1663	38 1/8	2089	44 1/8	2510	50 1/8	2911	56 1/8	3275	62 1/8	3582
2 1/4	31	8 1/4	224	14 1/4	512	20 1/4	862	26 1/4	1255	32 1/4	1672	38 1/4	2098	44 1/4	2519	50 1/4	2919	56 1/4	3282	62 1/4	3588
2 3/8	34	8 3/8	229	14 3/8	518	20 3/8	870	26 3/8	1263	32 3/8	1680	38 3/8	2107	44 3/8	2527	50 3/8	2927	56 3/8	3289	62 3/8	3593
2 1/2	36	8 1/2	234	14 1/2	525	20 1/2	878	26 1/2	1272	32 1/2	1689	38 1/2	2116	44 1/2	2536	50 1/2	2935	56 1/2	3296	62 1/2	3599
2 5/8	39	8 5/8	239	14 5/8	532	20 5/8	886	26 5/8	1280	32 5/8	1698	38 5/8	2125	44 5/8	2545	50 5/8	2943	56 5/8	3303	62 5/8	3604
2 3/4	42	8 3/4	245	14 3/4	539	20 3/4	894	26 3/4	1289	32 3/4	1707	38 3/4	2134	44 3/4	2553	50 3/4	2951	56 3/4	3310	62 3/4	3610
2 7/8	45	8 7/8	250	14 7/8	546	20 7/8	901	26 7/8	1297	32 7/8	1716	38 7/8	2142	44 7/8	2562	50 7/8	2959	56 7/8	3317	62 7/8	3615
3	48	9	255	15	553	21	909	27	1306	33	1725	39	2151	45	2570	51	2967	57	3323	63	3621
3 1/8	51	9 1/8	261	15 1/8	559	21 1/8	917	27 1/8	1314	33 1/8	1734	39 1/8	2160	45 1/8	2579	51 1/8	2975	57 1/8	3330	63 1/8	3626
3 1/4	54	9 1/4	266	15 1/4	566	21 1/4	925	27 1/4	1323	33 1/4	1742	39 1/4	2169	45 1/4	2587	51 1/4	2982	57 1/4	3337	63 1/4	3631
3 3/8	57	9 3/8	272	15 3/8	573	21 3/8	933	27 3/8	1331	33 3/8	1751	39 3/8	2178	45 3/8	2596	51 3/8	2990	57 3/8	3344	63 3/8	3637
3 1/2	61	9 1/2	277	15 1/2	580	21 1/2	941	27 1/2	1340	33 1/2	1760	39 1/2	2187	45 1/2	2604	51 1/2	2998	57 1/2	3351	63 1/2	3642
3 5/8	64	9 5/8	283	15 5/8	587	21 5/8	949	27 5/8	1349	33 5/8	1769	39 5/8	2196	45 5/8	2613	51 5/8	3006	57 5/8	3358	63 5/8	3647
3 3/4	67	9 3/4	288	15 3/4	594	21 3/4	957	27 3/4	1357	33 3/4	1778	39 3/4	2204	45 3/4	2621	51 3/4	3014	57 3/4	3364	63 3/4	3652
3 7/8	71	9 7/8	294	15 7/8	601	21 7/8	965	27 7/8	1366	33 7/8	1787	39 7/8	2213	45 7/8	2630	51 7/8	3022	57 7/8	3371	63 7/8	3657
4	74	10	300	16	608	22	973	28	1374	34	1796	40	2222	46	2638	52	3029	58	3378	64	3663
4 1/8	78	10 1/8	305	16 1/8	616	22 1/8	981	28 1/8	1383	34 1/8	1805	40 1/8	2231	46 1/8	2647	52 1/8	3037	58 1/8	3384	64 1/8	3668
4 1/4	81	10 1/4	311	16 1/4	623	22 1/4	989	28 1/4	1392	34 1/4	1813	40 1/4	2240	46 1/4	2655	52 1/4	3045	58 1/4	3391	64 1/4	3673
4 3/8	85	10 3/8	317	16 3/8	630	22 3/8	997	28 3/8	1400	34 3/8	1822	40 3/8	2249	46 3/8	2664	52 3/8	3053	58 3/8	3398	64 3/8	3678
4 1/2	89	10 1/2	323	16 1/2	637	22 1/2	1005	28 1/2	1409	34 1/2	1831	40 1/2	2257	46 1/2	2672	52 1/2	3060	58 1/2	3404	64 1/2	3683
4 5/8	93	10 5/8	329	16 5/8	644	22 5/8	1014	28 5/8	1418	34 5/8	1840	40 5/8	2266	46 5/8	2681	52 5/8	3068	58 5/8	3411	64 5/8	3687
4 3/4	96	10 3/4	334	16 3/4	651	22 3/4	1022	28 3/4	1426	34 3/4	1849	40 3/4	2275	46 3/4	2689	52 3/4	3076	58 3/4	3417	64 3/4	3692
4 7/8	100	10 7/8	340	16 7/8	659	22 7/8	1030	28 7/8	1435	34 7/8	1858	40 7/8	2284	46 7/8	2697	52 7/8	3083	58 7/8	3424	64 7/8	3697
5	104	11	346	17	666	23	1038	29	1444	35	1867	41	2293	47	2706	53	3091	59	3430	65	3702
5 1/8	108	11 1/8	352	17 1/8	673	23 1/8	1046	29 1/8	1452	35 1/8	1876	41 1/8	2301	47 1/8	2714	53 1/8	3098	59 1/8	3437	65 1/8	3707
5 1/4	112	11 1/4	358	17 1/4	681	23 1/4	1054	29 1/4	1461	35 1/4	1885	41 1/4	2310	47 1/4	2722	53 1/4	3106	59 1/4	3443	65 1/4	3711
5 3/8	116	11 3/8	364	17 3/8	688	23 3/8	1062	29 3/8	1470	35 3/8	1894	41 3/8	2319	47 3/8	2731	53 3/8	3114	59 3/8	3450	65 3/8	3716
5 1/2	121	11 1/2	370	17 1/2	695	23 1/2	1071	29 1/2	1478	35 1/2	1902	41 1/2	2328	47 1/2	2739	53 1/2	3121	59 1/2	3456	65 1/2	3720
5 5/8	125	11 5/8	376	17 5/8	703	23 5/8	1079	29 5/8	1487	35 5/8	1911	41 5/8	2336	47 5/8	2747	53 5/8	3129	59 5/8	3462	65 5/8	3725
5 3/4	129	11 3/4	383	17 3/4	710	23 3/4	1087	29 3/4	1496	35 3/4	1920	41 3/4	2345	47 3/4	2756	53 3/4	3136	59 3/4	3469	65 3/4	3729
5 7/8	133	11 7/8	389	17 7/8	717	23 7/8	1095	29 7/8	1505	35 7/8	1929	41 7/8	2354	47 7/8	2764	53 7/8	3144	59 7/8	3475	65 7/8	3734

** PRECISION IS ABOUT +/- 1%



CAPACITY CHART FOR NN06120146 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	3738	67	3772	68	3802	69	3828	70	3850	71	3867										
66 1/8	3743	67 1/8	3776	68 1/8	3805	69 1/8	3831	70 1/8	3852	71 1/8	3868										
66 1/4	3747	67 1/4	3780	68 1/4	3809	69 1/4	3834	70 1/4	3855	71 1/4	3870										
66 3/8	3751	67 3/8	3783	68 3/8	3812	69 3/8	3837	70 3/8	3857	71 3/8	3871										
66 1/2	3755	67 1/2	3787	68 1/2	3815	69 1/2	3840	70 1/2	3859	71 1/2	3872										
66 5/8	3760	67 5/8	3791	68 5/8	3819	69 5/8	3842	70 5/8	3861	71 5/8	3874										
66 3/4	3764	67 3/4	3795	68 3/4	3822	69 3/4	3845	70 3/4	3863	71 3/4	3874										
66 7/8	3768	67 7/8	3798	68 7/8	3825	69 7/8	3848	70 7/8	3865	71 7/8	3875										

** PRECISION IS ABOUT +/- 1%