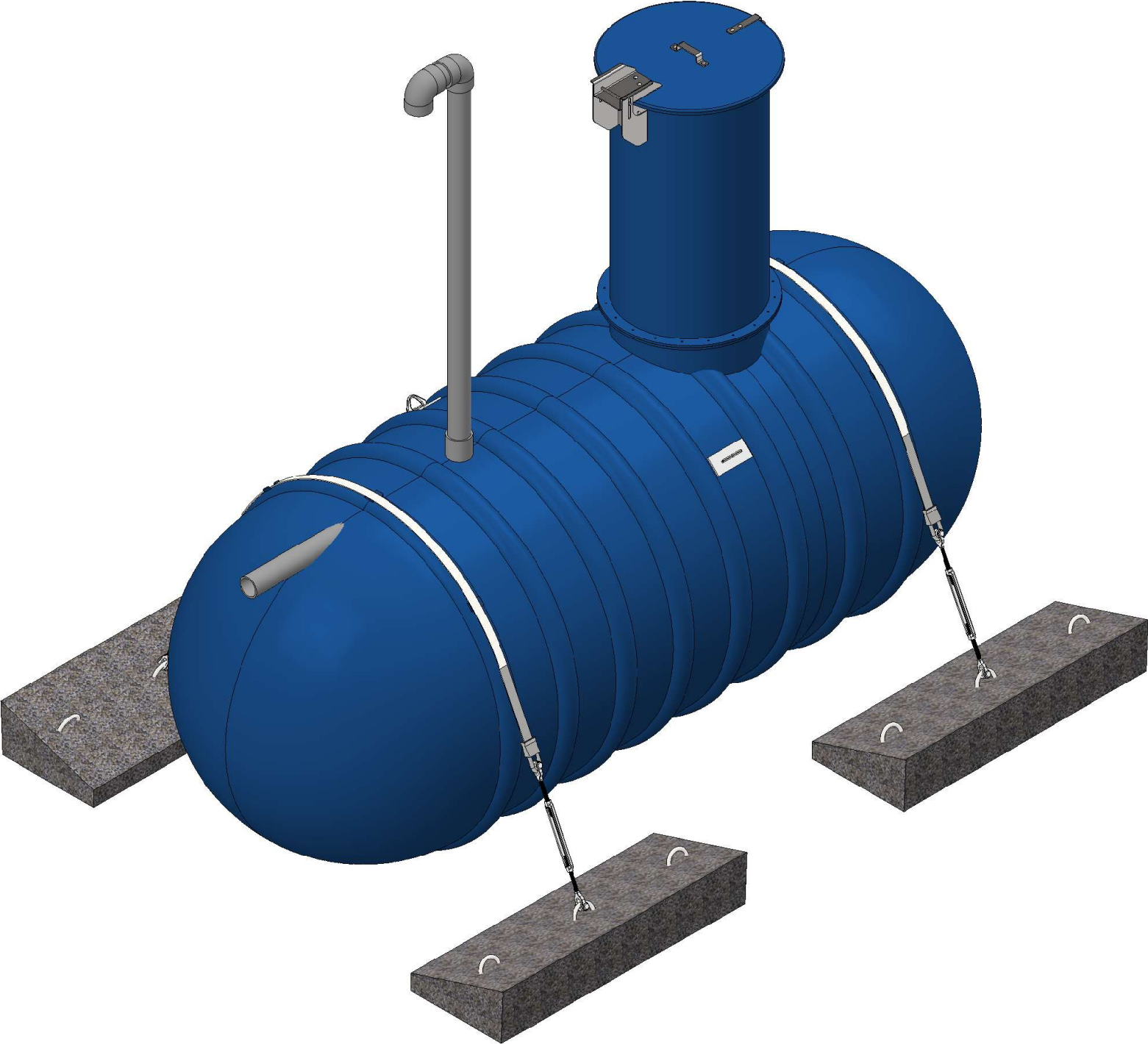


NN06080106EU

FIBERGLASS TANK

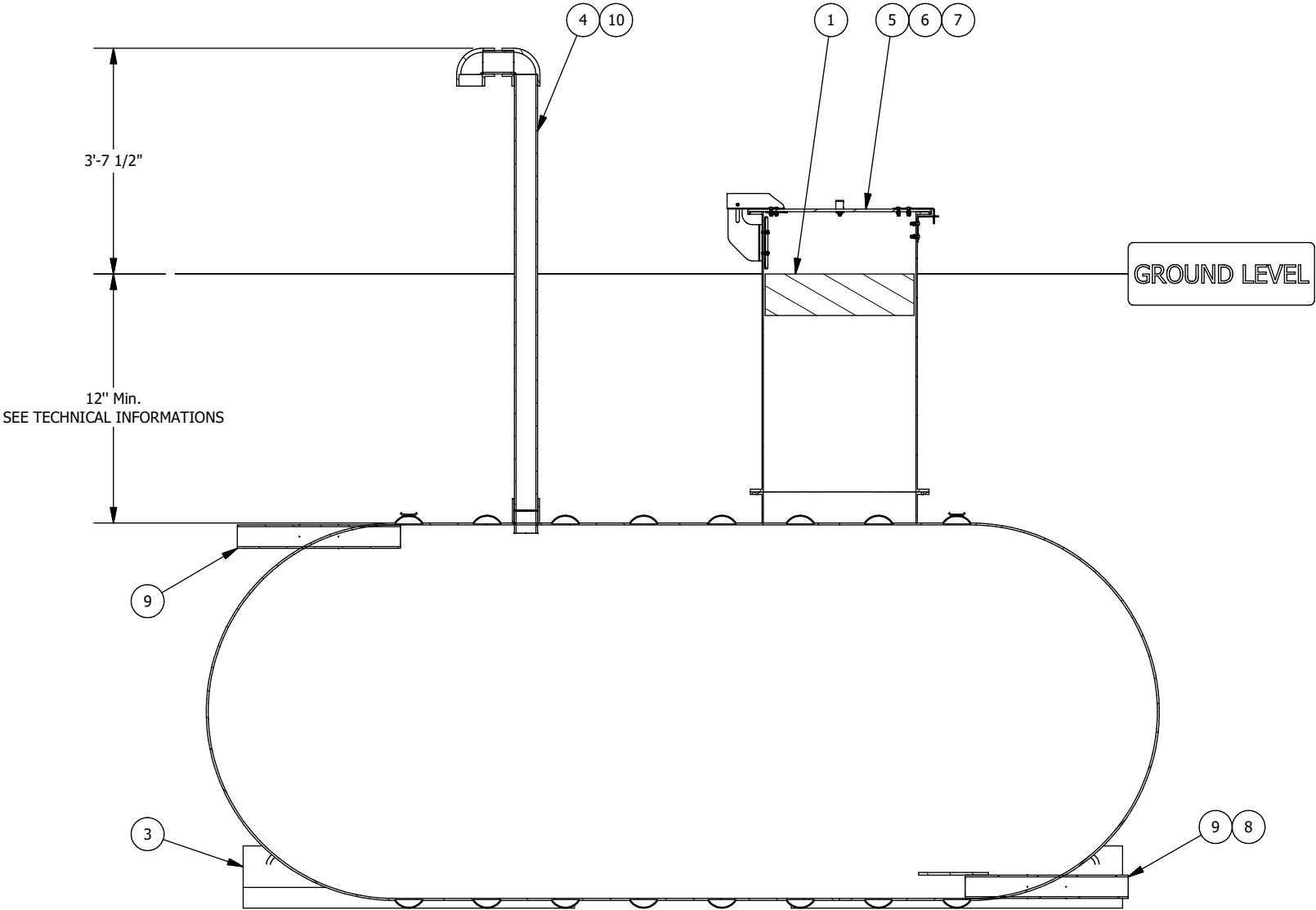
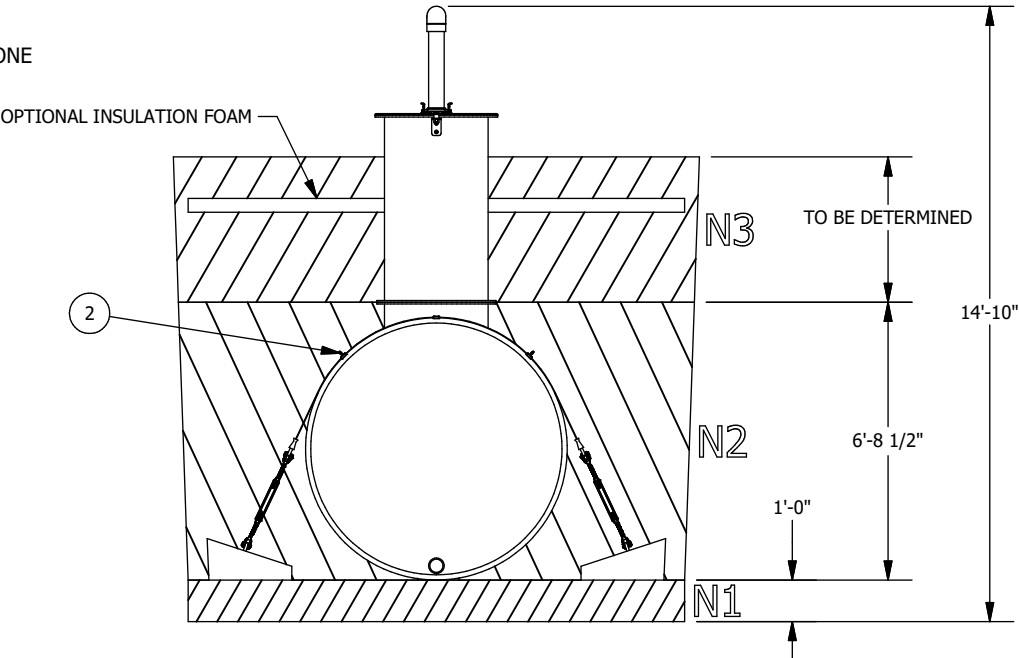


NOTES:
 - GENERIC DRAWING FOR REFERENCE ONLY
 - SHOP DRAWING AVAILABLE ON REQUEST

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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	20/12/2023		Format B	Part no. NN06080106EU	REV 02.
0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG.			0.00 -> ± 0.1 DEG.				
Weight : 1358 Lb			Approved by :				
Client		# Projct	Sheet 1 / 4		Title 6' Dia. TANK - 2809 US gal		

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	2	ANCHORING KIT	
4	EV480	1	4" SCH. 80 VENT KIT	
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 (36"L.)	2	4" SCH.80 GREY PVC PIPE	
10	TP80400G01 (4.25"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

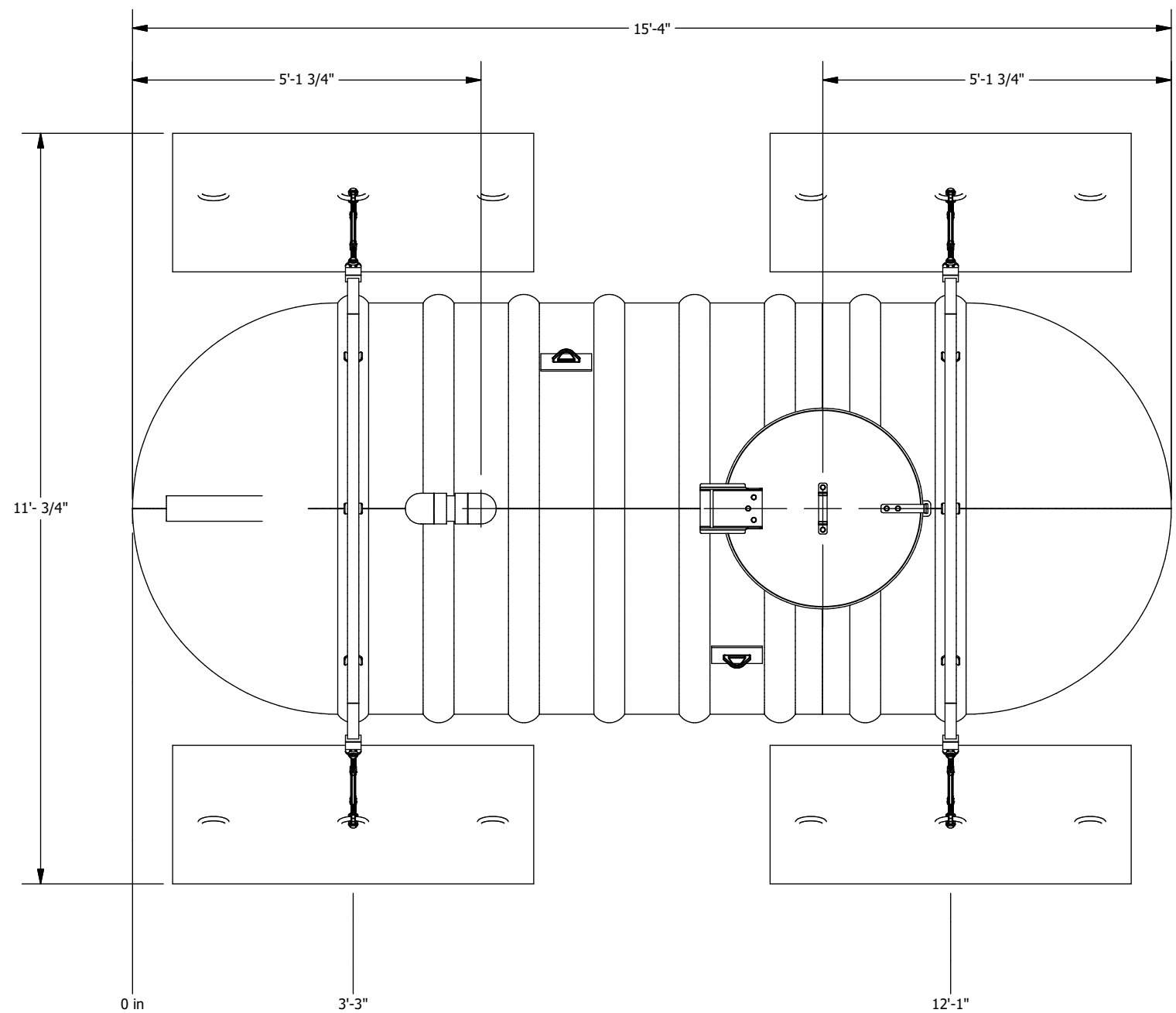
- Burrial depth: According to the geotechnical installation conditions
- Inside Diameter : 72"
- (If required) Quantity of fiberglass anchoring straps : 2
- (If required) Quantity of reinforced concrete deadman anchors : 4
- Simultaneous lifting by 2 lugs. The angle of the (chains or belts, etc.) must 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.

SECTION ELEVATION VIEW

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TOLERANCES (LINEAR)				Revision description	
FEET DIM. -> ± 1% 0.0 -> ± 0.5"				Format B Part no. NN06080106EU REV 02.	
TOLERANCES (ANGULAR)		Drawn by O. Marin 20/12/2023		Title	
0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG.					
Weight : 1358 Lb		Approved by :		6' Dia. TANK - 2809 US gal	
Client		# Project			
		Sheet 2 / 4			



PLAN VIEW

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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			20/12/2023		Format B	Part no. NN06080106EU	REV 02.
Weight : 1358 Lb			Approved by :			Title 6' Dia. TANK - 2809 US gal				
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) 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	
				REV A.	



CAPACITY CHART FOR NN06080106 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	95	12	278	18	516	24	793	30	1093	36	1405	42	1717	48	2017	54	2293	60	2531
1/8	1	6 1/8	98	12 1/8	283	18 1/8	522	24 1/8	799	30 1/8	1099	36 1/8	1411	42 1/8	1723	48 1/8	2023	54 1/8	2299	60 1/8	2536
1/4	1	6 1/4	101	12 1/4	287	18 1/4	527	24 1/4	805	30 1/4	1106	36 1/4	1418	42 1/4	1730	48 1/4	2029	54 1/4	2304	60 1/4	2540
3/8	2	6 3/8	105	12 3/8	292	18 3/8	533	24 3/8	811	30 3/8	1112	36 3/8	1424	42 3/8	1736	48 3/8	2035	54 3/8	2309	60 3/8	2545
1/2	3	6 1/2	108	12 1/2	296	18 1/2	538	24 1/2	817	30 1/2	1119	36 1/2	1431	42 1/2	1743	48 1/2	2041	54 1/2	2315	60 1/2	2549
5/8	3	6 5/8	111	12 5/8	301	18 5/8	544	24 5/8	823	30 5/8	1125	36 5/8	1438	42 5/8	1749	48 5/8	2047	54 5/8	2320	60 5/8	2553
3/4	4	6 3/4	114	12 3/4	305	18 3/4	549	24 3/4	829	30 3/4	1131	36 3/4	1444	42 3/4	1755	48 3/4	2053	54 3/4	2325	60 3/4	2558
7/8	5	6 7/8	118	12 7/8	310	18 7/8	555	24 7/8	835	30 7/8	1138	36 7/8	1451	42 7/8	1762	48 7/8	2059	54 7/8	2331	60 7/8	2562
1	6	7	121	13	315	19	560	25	841	31	1144	37	1457	43	1768	49	2065	55	2336	61	2566
1 1/8	8	7 1/8	124	13 1/8	319	19 1/8	566	25 1/8	847	31 1/8	1151	37 1/8	1464	43 1/8	1774	49 1/8	2071	55 1/8	2341	61 1/8	2571
1 1/4	9	7 1/4	128	13 1/4	324	19 1/4	571	25 1/4	854	31 1/4	1157	37 1/4	1470	43 1/4	1781	49 1/4	2077	55 1/4	2347	61 1/4	2575
1 3/8	10	7 3/8	131	13 3/8	329	19 3/8	577	25 3/8	860	31 3/8	1164	37 3/8	1477	43 3/8	1787	49 3/8	2083	55 3/8	2352	61 3/8	2579
1 1/2	12	7 1/2	135	13 1/2	333	19 1/2	582	25 1/2	866	31 1/2	1170	37 1/2	1483	43 1/2	1794	49 1/2	2089	55 1/2	2357	61 1/2	2583
1 5/8	13	7 5/8	138	13 5/8	338	19 5/8	588	25 5/8	872	31 5/8	1177	37 5/8	1490	43 5/8	1800	49 5/8	2095	55 5/8	2362	61 5/8	2587
1 3/4	15	7 3/4	142	13 3/4	343	19 3/4	594	25 3/4	878	31 3/4	1183	37 3/4	1496	43 3/4	1806	49 3/4	2101	55 3/4	2367	61 3/4	2591
1 7/8	16	7 7/8	145	13 7/8	348	19 7/8	599	25 7/8	884	31 7/8	1190	37 7/8	1503	43 7/8	1813	49 7/8	2107	55 7/8	2373	61 7/8	2596
2	18	8	149	14	352	20	605	26	891	32	1196	38	1509	44	1819	50	2113	56	2378	62	2600
2 1/8	19	8 1/8	152	14 1/8	357	20 1/8	611	26 1/8	897	32 1/8	1203	38 1/8	1516	44 1/8	1825	50 1/8	2118	56 1/8	2383	62 1/8	2604
2 1/4	21	8 1/4	156	14 1/4	362	20 1/4	616	26 1/4	903	32 1/4	1209	38 1/4	1522	44 1/4	1832	50 1/4	2124	56 1/4	2388	62 1/4	2608
2 3/8	23	8 3/8	160	14 3/8	367	20 3/8	622	26 3/8	909	32 3/8	1216	38 3/8	1529	44 3/8	1838	50 3/8	2130	56 3/8	2393	62 3/8	2612
2 1/2	25	8 1/2	163	14 1/2	372	20 1/2	628	26 1/2	915	32 1/2	1222	38 1/2	1536	44 1/2	1844	50 1/2	2136	56 1/2	2398	62 1/2	2616
2 5/8	27	8 5/8	167	14 5/8	377	20 5/8	633	26 5/8	922	32 5/8	1229	38 5/8	1542	44 5/8	1850	50 5/8	2142	56 5/8	2403	62 5/8	2620
2 3/4	29	8 3/4	171	14 3/4	382	20 3/4	639	26 3/4	928	32 3/4	1235	38 3/4	1549	44 3/4	1857	50 3/4	2147	56 3/4	2408	62 3/4	2623
2 7/8	31	8 7/8	175	14 7/8	387	20 7/8	645	26 7/8	934	32 7/8	1242	38 7/8	1555	44 7/8	1863	50 7/8	2153	56 7/8	2413	62 7/8	2627
3	33	9	178	15	392	21	651	27	940	33	1248	39	1562	45	1869	51	2159	57	2418	63	2631
3 1/8	35	9 1/8	182	15 1/8	397	21 1/8	656	27 1/8	947	33 1/8	1255	39 1/8	1568	45 1/8	1876	51 1/8	2165	57 1/8	2423	63 1/8	2635
3 1/4	37	9 1/4	186	15 1/4	402	21 1/4	662	27 1/4	953	33 1/4	1261	39 1/4	1575	45 1/4	1882	51 1/4	2171	57 1/4	2428	63 1/4	2639
3 3/8	39	9 3/8	190	15 3/8	407	21 3/8	668	27 3/8	959	33 3/8	1268	39 3/8	1581	45 3/8	1888	51 3/8	2176	57 3/8	2433	63 3/8	2643
3 1/2	41	9 1/2	194	15 1/2	412	21 1/2	674	27 1/2	966	33 1/2	1274	39 1/2	1588	45 1/2	1894	51 1/2	2182	57 1/2	2438	63 1/2	2646
3 5/8	44	9 5/8	198	15 5/8	417	21 5/8	680	27 5/8	972	33 5/8	1281	39 5/8	1594	45 5/8	1900	51 5/8	2188	57 5/8	2443	63 5/8	2650
3 3/4	46	9 3/4	202	15 3/4	422	21 3/4	685	27 3/4	978	33 3/4	1287	39 3/4	1601	45 3/4	1907	51 3/4	2193	57 3/4	2448	63 3/4	2654
3 7/8	49	9 7/8	206	15 7/8	427	21 7/8	691	27 7/8	984	33 7/8	1294	39 7/8	1607	45 7/8	1913	51 7/8	2199	57 7/8	2452	63 7/8	2657
4	51	10	210	16	432	22	697	28	991	34	1300	40	1614	46	1919	52	2205	58	2457	64	2661
4 1/8	53	10 1/8	214	16 1/8	437	22 1/8	703	28 1/8	997	34 1/8	1307	40 1/8	1620	46 1/8	1925	52 1/8	2210	58 1/8	2462	64 1/8	2665
4 1/4	56	10 1/4	218	16 1/4	442	22 1/4	709	28 1/4	1003	34 1/4	1313	40 1/4	1627	46 1/4	1931	52 1/4	2216	58 1/4	2467	64 1/4	2668
4 3/8	58	10 3/8	222	16 3/8	447	22 3/8	715	28 3/8	1010	34 3/8	1320	40 3/8	1633	46 3/8	1938	52 3/8	2222	58 3/8	2472	64 3/8	2672
4 1/2	61	10 1/2	226	16 1/2	453	22 1/2	721	28 1/2	1016	34 1/2	1326	40 1/2	1640	46 1/2	1944	52 1/2	2227	58 1/2	2476	64 1/2	2675
4 5/8	64	10 5/8	231	16 5/8	458	22 5/8	727	28 5/8	1023	34 5/8	1333	40 5/8	1646	46 5/8	1950	52 5/8	2233	58 5/8	2481	64 5/8	2679
4 3/4	66	10 3/4	235	16 3/4	463	22 3/4	733	28 3/4	1029	34 3/4	1339	40 3/4	1652	46 3/4	1956	52 3/4	2238	58 3/4	2486	64 3/4	2682
4 7/8	69	10 7/8	239	16 7/8	468	22 7/8	739	28 7/8	1035	34 7/8	1346	40 7/8	1659	46 7/8	1962	52 7/8	2244	58 7/8	2490	64 7/8	2685
5	72	11	243	17	474	23	744	29	1042	35	1353	41	1665	47	1968	53	2249	59	2495	65	2689
5 1/8	75	11 1/8	248	17 1/8	479	23 1/8	750	29 1/8	1048	35 1/8	1359	41 1/8	1672	47 1/8	1975	53 1/8	2255	59 1/8	2500	65 1/8	2692
5 1/4	77	11 1/4	252	17 1/4	484	23 1/4	756	29 1/4	1054	35 1/4	1366	41 1/4	1678	47 1/4	1981	53 1/4	2261	59 1/4	2504	65 1/4	2695
5 3/8	80	11 3/8	256	17 3/8	490	23 3/8	762	29 3/8	1061	35 3/8	1372	41 3/8	1685	47 3/8	1987	53 3/8	2266	59 3/8	2509	65 3/8	2699
5 1/2	83	11 1/2	261	17 1/2	495	23 1/2	768	29 1/2	1067	35 1/2	1379	41 1/2	1691	47 1/2	1993	53 1/2	2272	59 1/2	2513	65 1/2	2702
5 5/8	86	11 5/8	265	17 5/8	500	23 5/8	774	29 5/8	1074	35 5/8	1385	41 5/8	1698	47 5/8	1999	53 5/8	2277	59 5/8	2518	65 5/8	2705
5 3/4	89	11 3/4	269	17 3/4	506	23 3/4	780	29 3/4	1080	35 3/4	1392	41 3/4	1704	47 3/4	2005	53 3/4	2282	59 3/4	2523	65 3/4	2708
5 7/8	92	11 7/8	274	17 7/8	511	23 7/8	786	29 7/8	1086	35 7/8	1398	41 7/8	1710	47 7/8	2011	53 7/8	2288	59 7/8	2527	65 7/8	2711

** PRECISION IS ABOUT +/- 1%



CAPACITY CHART FOR NN06080106 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	2714	67	2738	68	2759	69	2777	70	2792	71	2803										
66 1/8	2717	67 1/8	2741	68 1/8	2761	69 1/8	2779	70 1/8	2794	71 1/8	2804										
66 1/4	2720	67 1/4	2743	68 1/4	2764	69 1/4	2781	70 1/4	2795	71 1/4	2805										
66 3/8	2723	67 3/8	2746	68 3/8	2766	69 3/8	2783	70 3/8	2797	71 3/8	2806										
66 1/2	2726	67 1/2	2749	68 1/2	2768	69 1/2	2785	70 1/2	2798	71 1/2	2807										
66 5/8	2729	67 5/8	2751	68 5/8	2770	69 5/8	2787	70 5/8	2800	71 5/8	2808										
66 3/4	2732	67 3/4	2754	68 3/4	2773	69 3/4	2789	70 3/4	2801	71 3/4	2808										
66 7/8	2735	67 7/8	2756	68 7/8	2775	69 7/8	2790	70 7/8	2802	71 7/8	2809										

** PRECISION IS ABOUT +/- 1%