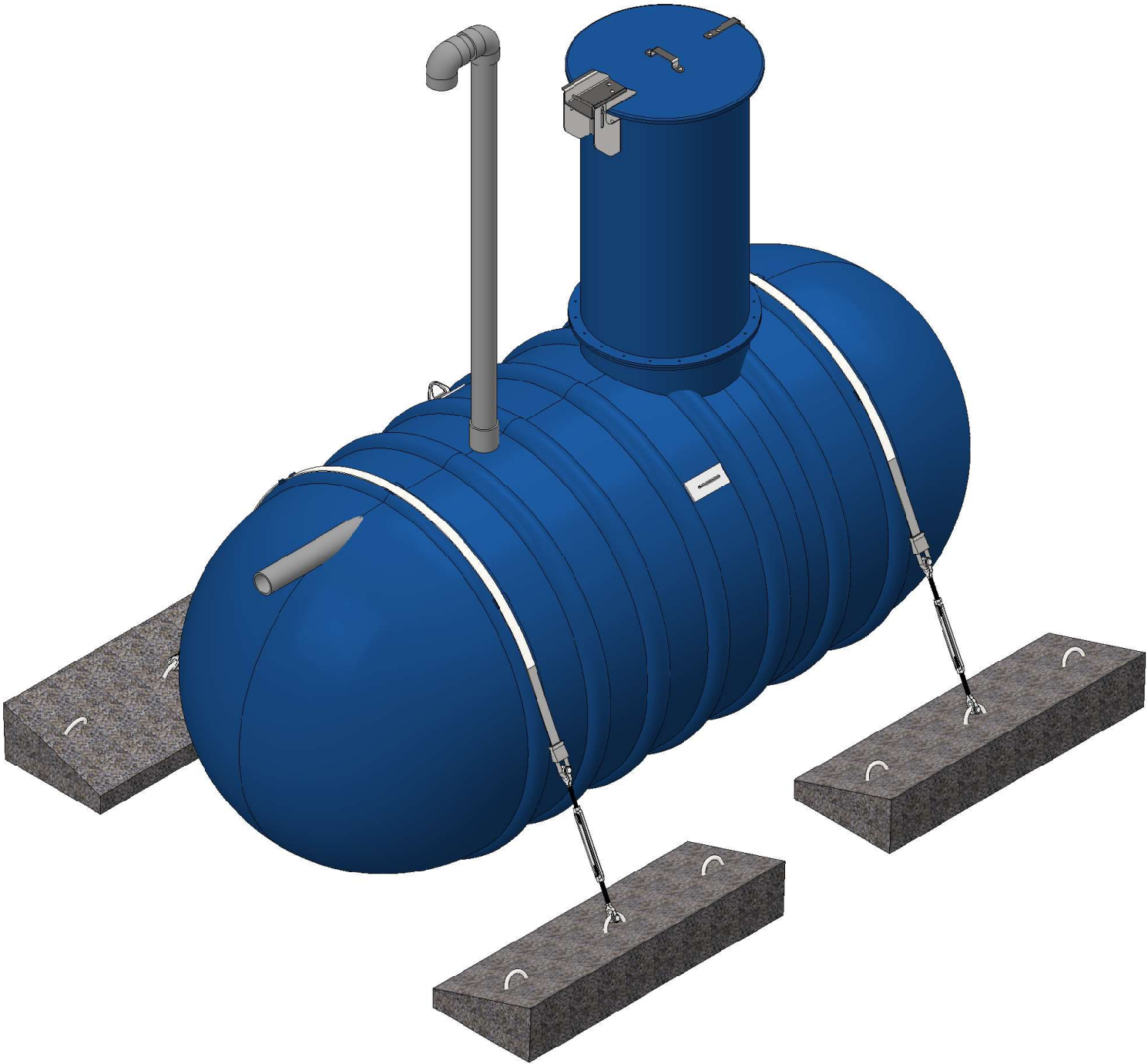


NN06070095EP

FIBERGLASS TANK

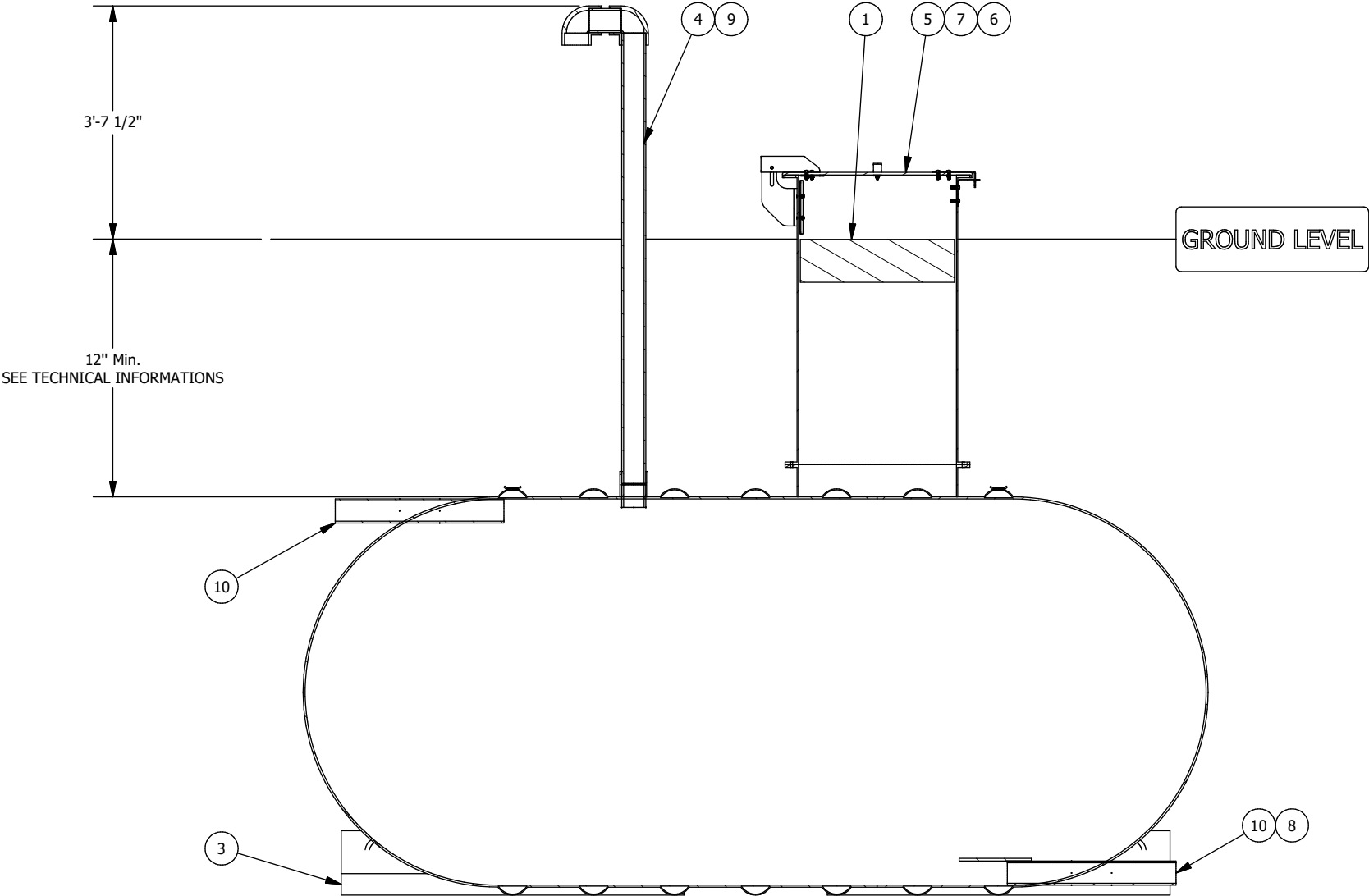
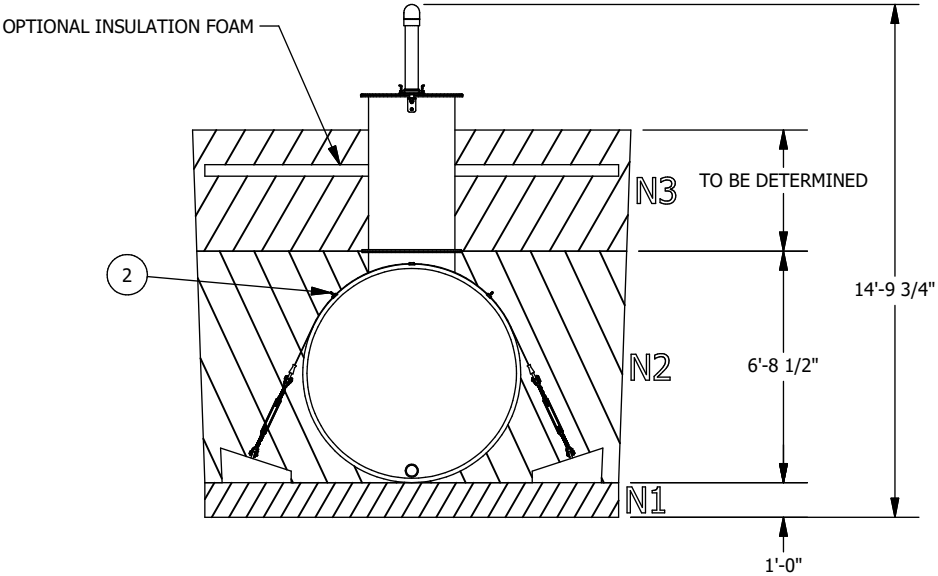


NOTES:
 - GENERIC DRAWING FOR REFERENCE ONLY
 - SHOP DRAWING AVAILABLE ON REQUEST

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TOLERANCES (LINEAR)				Revision description	
FEET DIM. -> ± 1% 0.0 -> ± 0.5"				Format B Part no. NN06070095EP REV 02.	
TOLERANCES (ANGULAR)		Drawn by O. Marin 19/12/2023		Title 6' Dia. TANK - 2543 US gal	
0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG.					
Weight : 1266 Lb		Approved by :			
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	2	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

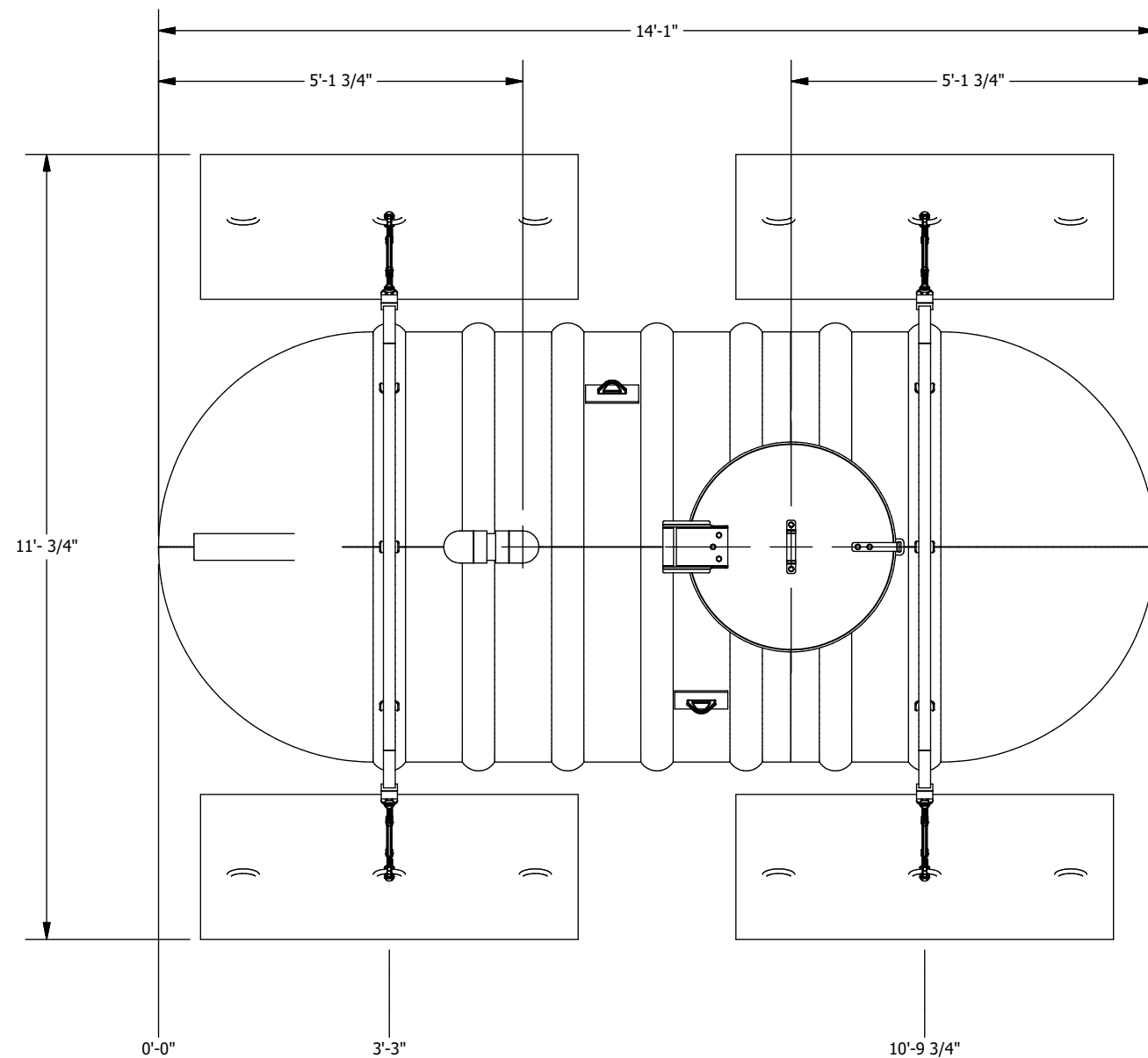
- Technical informations**
- Burrial depth: According to the geotechnical installation conditions
 - Inside Diameter : 72
 - (If required) Quantity of fiberglass anchoring straps : 2
 - (If required) Quantity of reinforced concrete deadman anchors : 4
 - Simultaneous lifting by 2 lugs. The angle of the (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
 - 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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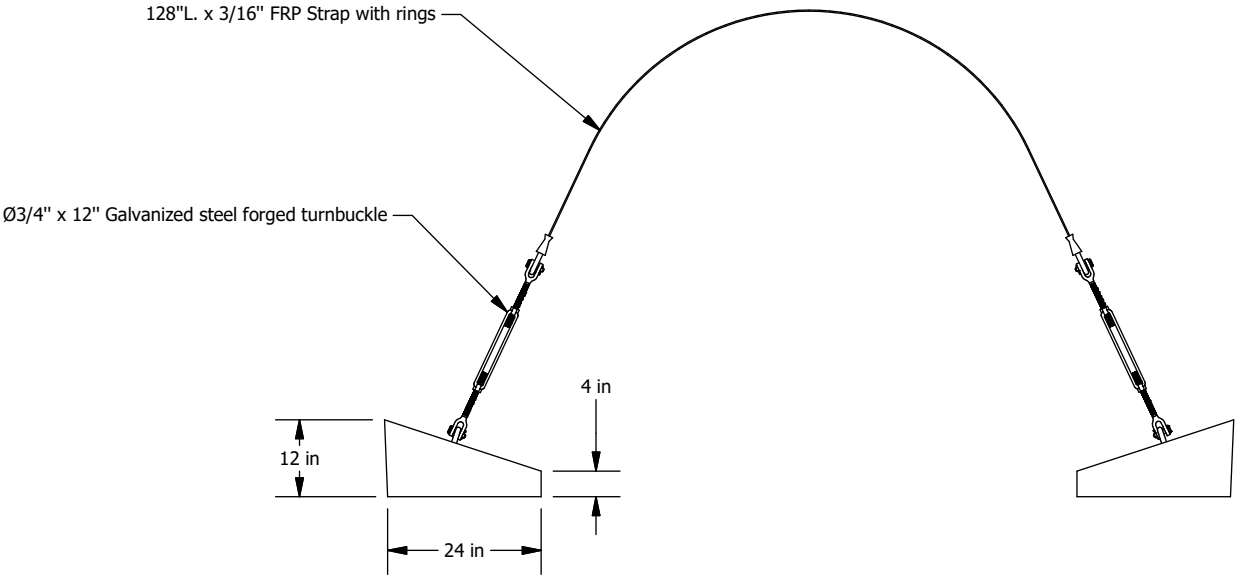
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TOLERANCES (LINEAR)		 GRANBY COMPOSITES		Revision description		
FEET DIM. -> ± 1% 0.0 -> ± 0.5"						
0.00 -> ± 0.25" 0.000 -> ± 0.125"				Format B	Part no. NN06070095EP	REV 02.
TOLERANCES (ANGULAR)		Drawn by O. Marin		19/12/2023		Title 6' Dia. TANK - 2543 US gal
0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG.						
0.00 -> ± 0.1 DEG.		Approved by :				
Weight : 1266 Lb						
Client		# Project		Sheet 2 / 4		



PLAN VIEW

NOTES:
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TOLERANCES (LINEAR) 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%						Format		Part no.		REV	
0.0 -> ± 0.5"						B		ENSCOUR6		A.	
TOLERANCES (ANGULAR)			Drawn by			Title					
0 -> ± 2 DEG.			O. Marin			ANCHORING KIT					
0.0 -> ± 0.5 DEG.			Approved by :								
Weight :											
Client		# Projet			Sheet						
					4 / 4						



CAPACITY CHART FOR NN06070095 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	85	12	249	18	464	24	715	30	988	36	1272	42	1555	48	1828	54	2079	60	2294
1/8	1	6 1/8	87	12 1/8	253	18 1/8	469	24 1/8	720	30 1/8	993	36 1/8	1277	42 1/8	1561	48 1/8	1834	54 1/8	2084	60 1/8	2298
1/4	1	6 1/4	90	12 1/4	257	18 1/4	474	24 1/4	726	30 1/4	999	36 1/4	1283	42 1/4	1567	48 1/4	1839	54 1/4	2089	60 1/4	2302
3/8	2	6 3/8	93	12 3/8	261	18 3/8	479	24 3/8	731	30 3/8	1005	36 3/8	1289	42 3/8	1573	48 3/8	1845	54 3/8	2093	60 3/8	2306
1/2	2	6 1/2	96	12 1/2	265	18 1/2	484	24 1/2	737	30 1/2	1011	36 1/2	1295	42 1/2	1579	48 1/2	1850	54 1/2	2098	60 1/2	2310
5/8	3	6 5/8	99	12 5/8	269	18 5/8	489	24 5/8	742	30 5/8	1017	36 5/8	1301	42 5/8	1585	48 5/8	1856	54 5/8	2103	60 5/8	2314
3/4	4	6 3/4	102	12 3/4	273	18 3/4	494	24 3/4	748	30 3/4	1023	36 3/4	1307	42 3/4	1590	48 3/4	1861	54 3/4	2108	60 3/4	2318
7/8	5	6 7/8	105	12 7/8	278	18 7/8	499	24 7/8	753	30 7/8	1029	36 7/8	1313	42 7/8	1596	48 7/8	1867	54 7/8	2113	60 7/8	2322
1	6	7	108	13	282	19	504	25	759	31	1034	37	1319	43	1602	49	1872	55	2118	61	2326
1 1/8	7	7 1/8	111	13 1/8	286	19 1/8	509	25 1/8	765	31 1/8	1040	37 1/8	1325	43 1/8	1608	49 1/8	1877	55 1/8	2122	61 1/8	2329
1 1/4	8	7 1/4	114	13 1/4	290	19 1/4	514	25 1/4	770	31 1/4	1046	37 1/4	1331	43 1/4	1614	49 1/4	1883	55 1/4	2127	61 1/4	2333
1 3/8	9	7 3/8	117	13 3/8	294	19 3/8	519	25 3/8	776	31 3/8	1052	37 3/8	1337	43 3/8	1619	49 3/8	1888	55 3/8	2132	61 3/8	2337
1 1/2	10	7 1/2	120	13 1/2	299	19 1/2	524	25 1/2	781	31 1/2	1058	37 1/2	1343	43 1/2	1625	49 1/2	1894	55 1/2	2136	61 1/2	2341
1 5/8	11	7 5/8	123	13 5/8	303	19 5/8	529	25 5/8	787	31 5/8	1064	37 5/8	1349	43 5/8	1631	49 5/8	1899	55 5/8	2141	61 5/8	2344
1 3/4	13	7 3/4	126	13 3/4	307	19 3/4	534	25 3/4	793	31 3/4	1070	37 3/4	1355	43 3/4	1637	49 3/4	1904	55 3/4	2146	61 3/4	2348
1 7/8	14	7 7/8	129	13 7/8	312	19 7/8	539	25 7/8	798	31 7/8	1076	37 7/8	1361	43 7/8	1642	49 7/8	1910	55 7/8	2151	61 7/8	2352
2	16	8	133	14	316	20	545	26	804	32	1082	38	1367	44	1648	50	1915	56	2155	62	2355
2 1/8	17	8 1/8	136	14 1/8	320	20 1/8	550	26 1/8	809	32 1/8	1088	38 1/8	1373	44 1/8	1654	50 1/8	1920	56 1/8	2160	62 1/8	2359
2 1/4	19	8 1/4	139	14 1/4	325	20 1/4	555	26 1/4	815	32 1/4	1093	38 1/4	1379	44 1/4	1660	50 1/4	1926	56 1/4	2164	62 1/4	2363
2 3/8	20	8 3/8	142	14 3/8	329	20 3/8	560	26 3/8	821	32 3/8	1099	38 3/8	1385	44 3/8	1665	50 3/8	1931	56 3/8	2169	62 3/8	2366
2 1/2	22	8 1/2	146	14 1/2	334	20 1/2	565	26 1/2	826	32 1/2	1105	38 1/2	1390	44 1/2	1671	50 1/2	1936	56 1/2	2174	62 1/2	2370
2 5/8	24	8 5/8	149	14 5/8	338	20 5/8	570	26 5/8	832	32 5/8	1111	38 5/8	1396	44 5/8	1677	50 5/8	1941	56 5/8	2178	62 5/8	2373
2 3/4	25	8 3/4	152	14 3/4	342	20 3/4	576	26 3/4	838	32 3/4	1117	38 3/4	1402	44 3/4	1683	50 3/4	1947	56 3/4	2183	62 3/4	2377
2 7/8	27	8 7/8	156	14 7/8	347	20 7/8	581	26 7/8	843	32 7/8	1123	38 7/8	1408	44 7/8	1688	50 7/8	1952	56 7/8	2187	62 7/8	2380
3	29	9	159	15	351	21	586	27	849	33	1129	39	1414	45	1694	51	1957	57	2192	63	2384
3 1/8	31	9 1/8	163	15 1/8	356	21 1/8	591	27 1/8	855	33 1/8	1135	39 1/8	1420	45 1/8	1700	51 1/8	1962	57 1/8	2196	63 1/8	2387
3 1/4	33	9 1/4	166	15 1/4	360	21 1/4	596	27 1/4	861	33 1/4	1141	39 1/4	1426	45 1/4	1705	51 1/4	1968	57 1/4	2201	63 1/4	2391
3 3/8	35	9 3/8	170	15 3/8	365	21 3/8	602	27 3/8	866	33 3/8	1147	39 3/8	1432	45 3/8	1711	51 3/8	1973	57 3/8	2205	63 3/8	2394
3 1/2	37	9 1/2	173	15 1/2	369	21 1/2	607	27 1/2	872	33 1/2	1153	39 1/2	1438	45 1/2	1717	51 1/2	1978	57 1/2	2210	63 1/2	2397
3 5/8	39	9 5/8	177	15 5/8	374	21 5/8	612	27 5/8	878	33 5/8	1159	39 5/8	1444	45 5/8	1722	51 5/8	1983	57 5/8	2214	63 5/8	2401
3 3/4	41	9 3/4	180	15 3/4	379	21 3/4	618	27 3/4	883	33 3/4	1164	39 3/4	1450	45 3/4	1728	51 3/4	1988	57 3/4	2218	63 3/4	2404
3 7/8	43	9 7/8	184	15 7/8	383	21 7/8	623	27 7/8	889	33 7/8	1170	39 7/8	1456	45 7/8	1734	51 7/8	1993	57 7/8	2223	63 7/8	2407
4	45	10	188	16	388	22	628	28	895	34	1176	40	1461	46	1739	52	1999	58	2227	64	2411
4 1/8	47	10 1/8	191	16 1/8	393	22 1/8	633	28 1/8	901	34 1/8	1182	40 1/8	1467	46 1/8	1745	52 1/8	2004	58 1/8	2231	64 1/8	2414
4 1/4	50	10 1/4	195	16 1/4	397	22 1/4	639	28 1/4	906	34 1/4	1188	40 1/4	1473	46 1/4	1751	52 1/4	2009	58 1/4	2236	64 1/4	2417
4 3/8	52	10 3/8	199	16 3/8	402	22 3/8	644	28 3/8	912	34 3/8	1194	40 3/8	1479	46 3/8	1756	52 3/8	2014	58 3/8	2240	64 3/8	2420
4 1/2	54	10 1/2	202	16 1/2	407	22 1/2	650	28 1/2	918	34 1/2	1200	40 1/2	1485	46 1/2	1762	52 1/2	2019	58 1/2	2244	64 1/2	2423
4 5/8	56	10 5/8	206	16 5/8	411	22 5/8	655	28 5/8	924	34 5/8	1206	40 5/8	1491	46 5/8	1767	52 5/8	2024	58 5/8	2249	64 5/8	2426
4 3/4	59	10 3/4	210	16 3/4	416	22 3/4	660	28 3/4	930	34 3/4	1212	40 3/4	1497	46 3/4	1773	52 3/4	2029	58 3/4	2253	64 3/4	2429
4 7/8	61	10 7/8	214	16 7/8	421	22 7/8	666	28 7/8	935	34 7/8	1218	40 7/8	1503	46 7/8	1779	52 7/8	2034	58 7/8	2257	64 7/8	2432
5	64	11	218	17	426	23	671	29	941	35	1224	41	1509	47	1784	53	2039	59	2261	65	2435
5 1/8	66	11 1/8	221	17 1/8	430	23 1/8	677	29 1/8	947	35 1/8	1230	41 1/8	1514	47 1/8	1790	53 1/8	2044	59 1/8	2265	65 1/8	2438
5 1/4	69	11 1/4	225	17 1/4	435	23 1/4	682	29 1/4	953	35 1/4	1236	41 1/4	1520	47 1/4	1795	53 1/4	2049	59 1/4	2270	65 1/4	2441
5 3/8	71	11 3/8	229	17 3/8	440	23 3/8	687	29 3/8	959	35 3/8	1242	41 3/8	1526	47 3/8	1801	53 3/8	2054	59 3/8	2274	65 3/8	2444
5 1/2	74	11 1/2	233	17 1/2	445	23 1/2	693	29 1/2	964	35 1/2	1248	41 1/2	1532	47 1/2	1806	53 1/2	2059	59 1/2	2278	65 1/2	2447
5 5/8	77	11 5/8	237	17 5/8	450	23 5/8	698	29 5/8	970	35 5/8	1254	41 5/8	1538	47 5/8	1812	53 5/8	2064	59 5/8	2282	65 5/8	2450
5 3/4	79	11 3/4	241	17 3/4	455	23 3/4	704	29 3/4	976	35 3/4	1260	41 3/4	1544	47 3/4	1817	53 3/4	2069	59 3/4	2286	65 3/4	2453
5 7/8	82	11 7/8	245	17 7/8	459	23 7/8	709	29 7/8	982	35 7/8	1266	41 7/8	1550	47 7/8	1823	53 7/8	2074	59 7/8	2290	65 7/8	2456

** PRECISION IS ABOUT +/- 1%



CAPACITY CHART FOR NN06070095 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	2458	67	2479	68	2498	69	2514	70	2527	71	2537										
66 1/8	2461	67 1/8	2482	68 1/8	2500	69 1/8	2516	70 1/8	2529	71 1/8	2538										
66 1/4	2464	67 1/4	2484	68 1/4	2502	69 1/4	2518	70 1/4	2530	71 1/4	2539										
66 3/8	2467	67 3/8	2487	68 3/8	2504	69 3/8	2519	70 3/8	2532	71 3/8	2540										
66 1/2	2469	67 1/2	2489	68 1/2	2506	69 1/2	2521	70 1/2	2533	71 1/2	2541										
66 5/8	2472	67 5/8	2491	68 5/8	2508	69 5/8	2523	70 5/8	2534	71 5/8	2541										
66 3/4	2474	67 3/4	2494	68 3/4	2510	69 3/4	2524	70 3/4	2535	71 3/4	2542										
66 7/8	2477	67 7/8	2496	68 7/8	2512	69 7/8	2526	70 7/8	2536	71 7/8	2542										

** PRECISION IS ABOUT +/- 1%