

NN06050076EP

FIBERGLASS TANK

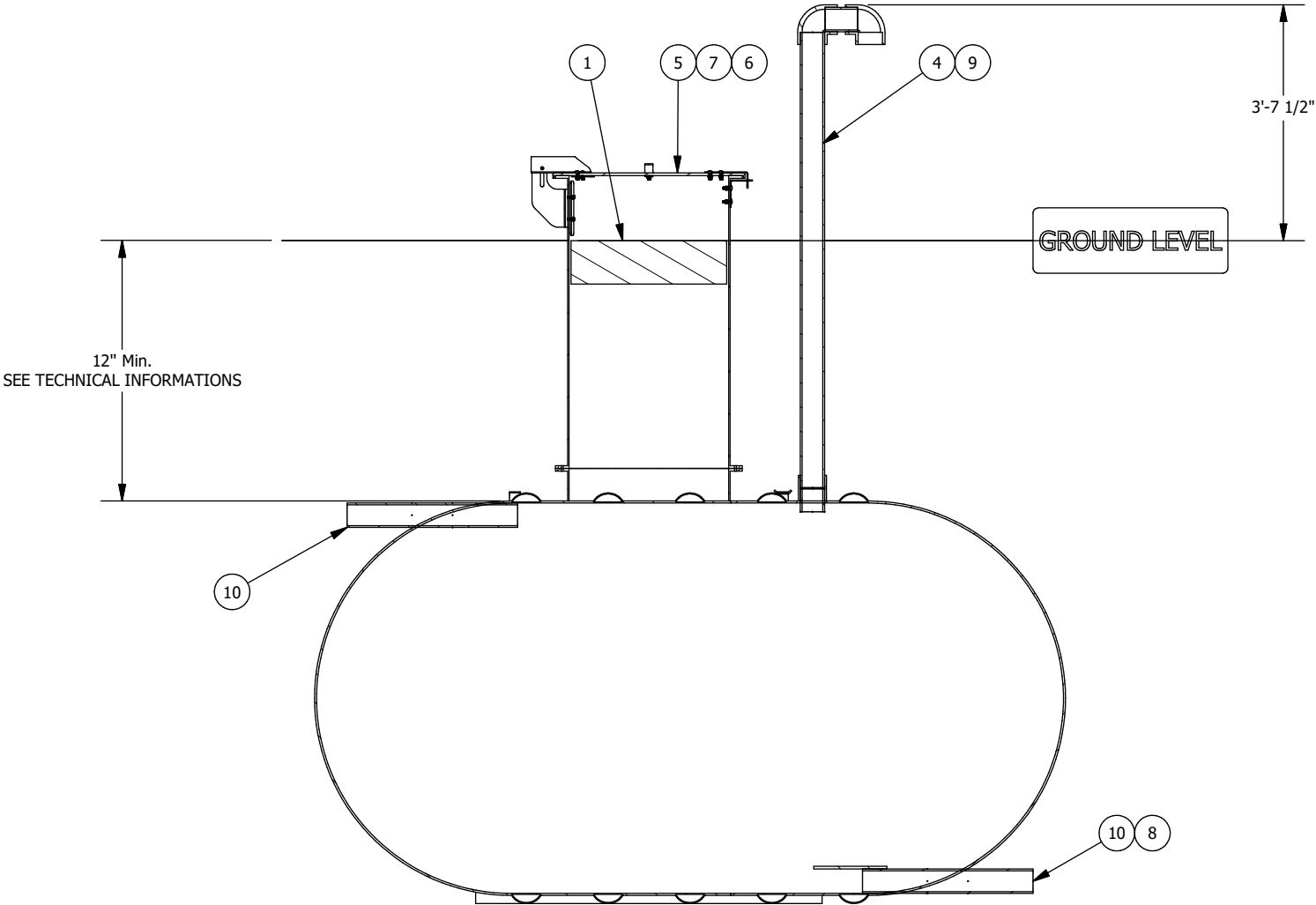
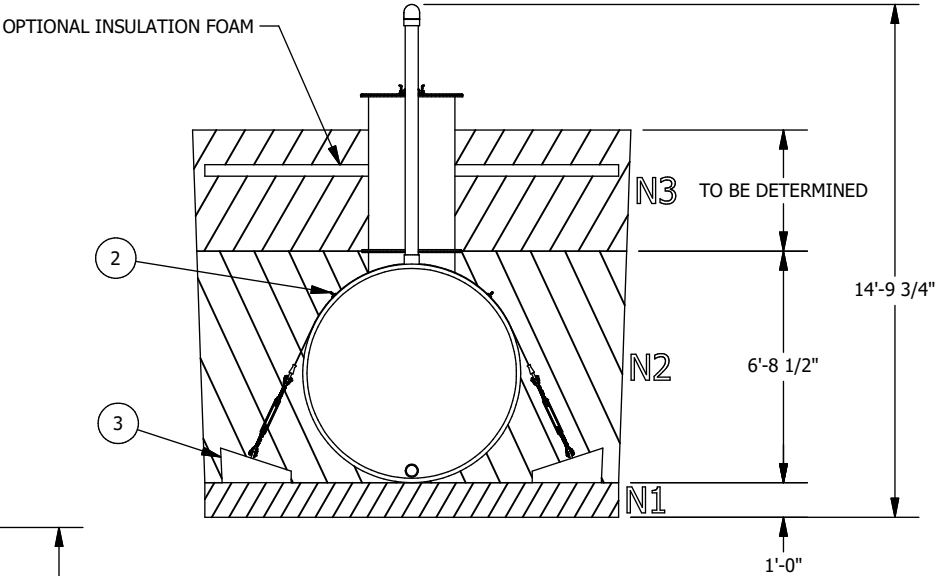


NOTES:
 - GENERIC DRAWING FOR REFERENCE ONLY
 - SHOP DRAWING AVAILABLE ON REQUEST

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TOLERANCES (LINEAR)				Revision description	
FEET DIM. -> ± 1% 0.0 -> ± 0.5"				Format B	Part no. NN06050076EP
TOLERANCES (ANGULAR)		Drawn by O. Marin		19/12/2023	
0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG.		0.00 -> ± 0.1 DEG.		Title	
Weight : 1080 Lb		Approved by :		6' Dia. TANK - 2009 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 LUG	
3	ENSCOUR6	1	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

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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 : 1080 Lb		Approved by :		Part no. NN06050076EP
Client	# Projet	Sheet	2 / 4	REV 02 .
				Title 6' Dia. TANK - 2009 US gal



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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 Part no. NN06050076EP REV 02.
Weight : 1080 Lb		Approved by :		Title 6' Dia. TANK - 2009 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)						Revision description					
FEET DIM. -> ± 1% 0.0 -> ± 0.5"						Format B		Part no. ENSCOUR6		REV A.	
0.00 -> ± 0.25" 0.000 -> ± 0.125"											
TOLERANCES (ANGULAR)			Drawn by O. Marin			04/10/2018			Title ANCHORING KIT		
0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG.			Approved by :								
Weight :											
Client		# Projet			Sheet 4 / 4						



CAPACITY CHART FOR NN06050076 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	63	12	191	18	360	24	559	30	777	36	1005	42	1233	48	1451	54	1650	60	1819
1/8	1	6 1/8	66	12 1/8	194	18 1/8	364	24 1/8	564	30 1/8	782	36 1/8	1010	42 1/8	1237	48 1/8	1455	54 1/8	1654	60 1/8	1822
1/4	1	6 1/4	68	12 1/4	197	18 1/4	368	24 1/4	568	30 1/4	787	36 1/4	1015	42 1/4	1242	48 1/4	1459	54 1/4	1658	60 1/4	1826
3/8	1	6 3/8	70	12 3/8	200	18 3/8	372	24 3/8	572	30 3/8	791	36 3/8	1019	42 3/8	1247	48 3/8	1464	54 3/8	1661	60 3/8	1829
1/2	2	6 1/2	72	12 1/2	203	18 1/2	376	24 1/2	577	30 1/2	796	36 1/2	1024	42 1/2	1251	48 1/2	1468	54 1/2	1665	60 1/2	1832
5/8	2	6 5/8	74	12 5/8	206	18 5/8	380	24 5/8	581	30 5/8	801	36 5/8	1029	42 5/8	1256	48 5/8	1473	54 5/8	1669	60 5/8	1835
3/4	3	6 3/4	76	12 3/4	210	18 3/4	384	24 3/4	586	30 3/4	805	36 3/4	1034	42 3/4	1261	48 3/4	1477	54 3/4	1673	60 3/4	1838
7/8	4	6 7/8	79	12 7/8	213	18 7/8	387	24 7/8	590	30 7/8	810	36 7/8	1038	42 7/8	1265	48 7/8	1481	54 7/8	1677	60 7/8	1841
1	4	7	81	13	216	19	391	25	594	31	815	37	1043	43	1270	49	1486	55	1680	61	1844
1 1/8	5	7 1/8	83	13 1/8	220	19 1/8	395	25 1/8	599	31 1/8	820	37 1/8	1048	43 1/8	1274	49 1/8	1490	55 1/8	1684	61 1/8	1847
1 1/4	6	7 1/4	86	13 1/4	223	19 1/4	399	25 1/4	603	31 1/4	824	37 1/4	1053	43 1/4	1279	49 1/4	1494	55 1/4	1688	61 1/4	1850
1 3/8	7	7 3/8	88	13 3/8	226	19 3/8	403	25 3/8	608	31 3/8	829	37 3/8	1057	43 3/8	1284	49 3/8	1498	55 3/8	1692	61 3/8	1853
1 1/2	7	7 1/2	90	13 1/2	230	19 1/2	407	25 1/2	612	31 1/2	834	37 1/2	1062	43 1/2	1288	49 1/2	1503	55 1/2	1695	61 1/2	1856
1 5/8	8	7 5/8	93	13 5/8	233	19 5/8	412	25 5/8	617	31 5/8	838	37 5/8	1067	43 5/8	1293	49 5/8	1507	55 5/8	1699	61 5/8	1859
1 3/4	9	7 3/4	95	13 3/4	236	19 3/4	416	25 3/4	621	31 3/4	843	37 3/4	1072	43 3/4	1298	49 3/4	1511	55 3/4	1703	61 3/4	1861
1 7/8	10	7 7/8	98	13 7/8	240	19 7/8	420	25 7/8	626	31 7/8	848	37 7/8	1077	43 7/8	1302	49 7/8	1515	55 7/8	1707	61 7/8	1864
2	11	8	100	14	243	20	424	26	630	32	853	38	1081	44	1307	50	1520	56	1710	62	1867
2 1/8	13	8 1/8	103	14 1/8	246	20 1/8	428	26 1/8	635	32 1/8	857	38 1/8	1086	44 1/8	1311	50 1/8	1524	56 1/8	1714	62 1/8	1870
2 1/4	14	8 1/4	105	14 1/4	250	20 1/4	432	26 1/4	639	32 1/4	862	38 1/4	1091	44 1/4	1316	50 1/4	1528	56 1/4	1718	62 1/4	1873
2 3/8	15	8 3/8	108	14 3/8	253	20 3/8	436	26 3/8	644	32 3/8	867	38 3/8	1096	44 3/8	1321	50 3/8	1532	56 3/8	1721	62 3/8	1876
2 1/2	16	8 1/2	110	14 1/2	257	20 1/2	440	26 1/2	648	32 1/2	872	38 1/2	1100	44 1/2	1325	50 1/2	1537	56 1/2	1725	62 1/2	1878
2 5/8	17	8 5/8	113	14 5/8	260	20 5/8	444	26 5/8	653	32 5/8	876	38 5/8	1105	44 5/8	1330	50 5/8	1541	56 5/8	1728	62 5/8	1881
2 3/4	19	8 3/4	115	14 3/4	264	20 3/4	448	26 3/4	657	32 3/4	881	38 3/4	1110	44 3/4	1334	50 3/4	1545	56 3/4	1732	62 3/4	1884
2 7/8	20	8 7/8	118	14 7/8	267	20 7/8	452	26 7/8	662	32 7/8	886	38 7/8	1115	44 7/8	1339	50 7/8	1549	56 7/8	1735	62 7/8	1886
3	21	9	121	15	271	21	457	27	666	33	891	39	1119	45	1343	51	1553	57	1739	63	1889
3 1/8	23	9 1/8	123	15 1/8	274	21 1/8	461	27 1/8	671	33 1/8	895	39 1/8	1124	45 1/8	1348	51 1/8	1557	57 1/8	1743	63 1/8	1892
3 1/4	24	9 1/4	126	15 1/4	278	21 1/4	465	27 1/4	676	33 1/4	900	39 1/4	1129	45 1/4	1353	51 1/4	1562	57 1/4	1746	63 1/4	1894
3 3/8	26	9 3/8	129	15 3/8	282	21 3/8	469	27 3/8	680	33 3/8	905	39 3/8	1134	45 3/8	1357	51 3/8	1566	57 3/8	1750	63 3/8	1897
3 1/2	27	9 1/2	132	15 1/2	285	21 1/2	473	27 1/2	685	33 1/2	910	39 1/2	1138	45 1/2	1362	51 1/2	1570	57 1/2	1753	63 1/2	1900
3 5/8	29	9 5/8	134	15 5/8	289	21 5/8	477	27 5/8	689	33 5/8	914	39 5/8	1143	45 5/8	1366	51 5/8	1574	57 5/8	1757	63 5/8	1902
3 3/4	30	9 3/4	137	15 3/4	292	21 3/4	482	27 3/4	694	33 3/4	919	39 3/4	1148	45 3/4	1371	51 3/4	1578	57 3/4	1760	63 3/4	1905
3 7/8	32	9 7/8	140	15 7/8	296	21 7/8	486	27 7/8	699	33 7/8	924	39 7/8	1153	45 7/8	1375	51 7/8	1582	57 7/8	1763	63 7/8	1907
4	33	10	143	16	300	22	490	28	703	34	929	40	1157	46	1380	52	1586	58	1767	64	1910
4 1/8	35	10 1/8	146	16 1/8	303	22 1/8	494	28 1/8	708	34 1/8	933	40 1/8	1162	46 1/8	1384	52 1/8	1590	58 1/8	1770	64 1/8	1912
4 1/4	37	10 1/4	148	16 1/4	307	22 1/4	499	28 1/4	712	34 1/4	938	40 1/4	1167	46 1/4	1389	52 1/4	1594	58 1/4	1774	64 1/4	1915
4 3/8	39	10 3/8	151	16 3/8	311	22 3/8	503	28 3/8	717	34 3/8	943	40 3/8	1171	46 3/8	1393	52 3/8	1598	58 3/8	1777	64 3/8	1917
4 1/2	40	10 1/2	154	16 1/2	314	22 1/2	507	28 1/2	722	34 1/2	948	40 1/2	1176	46 1/2	1398	52 1/2	1602	58 1/2	1780	64 1/2	1920
4 5/8	42	10 5/8	157	16 5/8	318	22 5/8	511	28 5/8	726	34 5/8	952	40 5/8	1181	46 5/8	1402	52 5/8	1606	58 5/8	1784	64 5/8	1922
4 3/4	44	10 3/4	160	16 3/4	322	22 3/4	516	28 3/4	731	34 3/4	957	40 3/4	1186	46 3/4	1407	52 3/4	1610	58 3/4	1787	64 3/4	1924
4 7/8	46	10 7/8	163	16 7/8	326	22 7/8	520	28 7/8	735	34 7/8	962	40 7/8	1190	46 7/8	1411	52 7/8	1614	58 7/8	1790	64 7/8	1927
5	48	11	166	17	329	23	524	29	740	35	967	41	1195	47	1415	53	1618	59	1794	65	1929
5 1/8	49	11 1/8	169	17 1/8	333	23 1/8	529	29 1/8	745	35 1/8	972	41 1/8	1200	47 1/8	1420	53 1/8	1622	59 1/8	1797	65 1/8	1931
5 1/4	51	11 1/4	172	17 1/4	337	23 1/4	533	29 1/4	749	35 1/4	976	41 1/4	1204	47 1/4	1424	53 1/4	1626	59 1/4	1800	65 1/4	1933
5 3/8	53	11 3/8	175	17 3/8	341	23 3/8	537	29 3/8	754	35 3/8	981	41 3/8	1209	47 3/8	1429	53 3/8	1630	59 3/8	1803	65 3/8	1936
5 1/2	55	11 1/2	178	17 1/2	345	23 1/2	542	29 1/2	759	35 1/2	986	41 1/2	1214	47 1/2	1433	53 1/2	1634	59 1/2	1807	65 1/2	1938
5 5/8	57	11 5/8	181	17 5/8	348	23 5/8	546	29 5/8	763	35 5/8	991	41 5/8	1218	47 5/8	1438	53 5/8	1638	59 5/8	1810	65 5/8	1940
5 3/4	59	11 3/4	184	17 3/4	352	23 3/4	550	29 3/4	768	35 3/4	995	41 3/4	1223	47 3/4	1442	53 3/4	1642	59 3/4	1813	65 3/4	1942
5 7/8	61	11 7/8	187	17 7/8	356	23 7/8	555	29 7/8	773	35 7/8	1000	41 7/8	1228	47 7/8	1446	53 7/8	1646	59 7/8	1816	65 7/8	1944

** PRECISION IS ABOUT +/- 1%



CAPACITY CHART FOR NN06050076 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	1946	67	1962	68	1976	69	1989	70	1998	71	2006										
66 1/8	1949	67 1/8	1964	68 1/8	1978	69 1/8	1990	70 1/8	1999	71 1/8	2006										
66 1/4	1951	67 1/4	1966	68 1/4	1980	69 1/4	1991	70 1/4	2001	71 1/4	2007										
66 3/8	1953	67 3/8	1968	68 3/8	1981	69 3/8	1993	70 3/8	2001	71 3/8	2008										
66 1/2	1955	67 1/2	1970	68 1/2	1983	69 1/2	1994	70 1/2	2002	71 1/2	2008										
66 5/8	1957	67 5/8	1971	68 5/8	1984	69 5/8	1995	70 5/8	2003	71 5/8	2009										
66 3/4	1959	67 3/4	1973	68 3/4	1986	69 3/4	1996	70 3/4	2004	71 3/4	2009										
66 7/8	1960	67 7/8	1975	68 7/8	1987	69 7/8	1997	70 7/8	2005	71 7/8	2009										

** PRECISION IS ABOUT +/- 1%