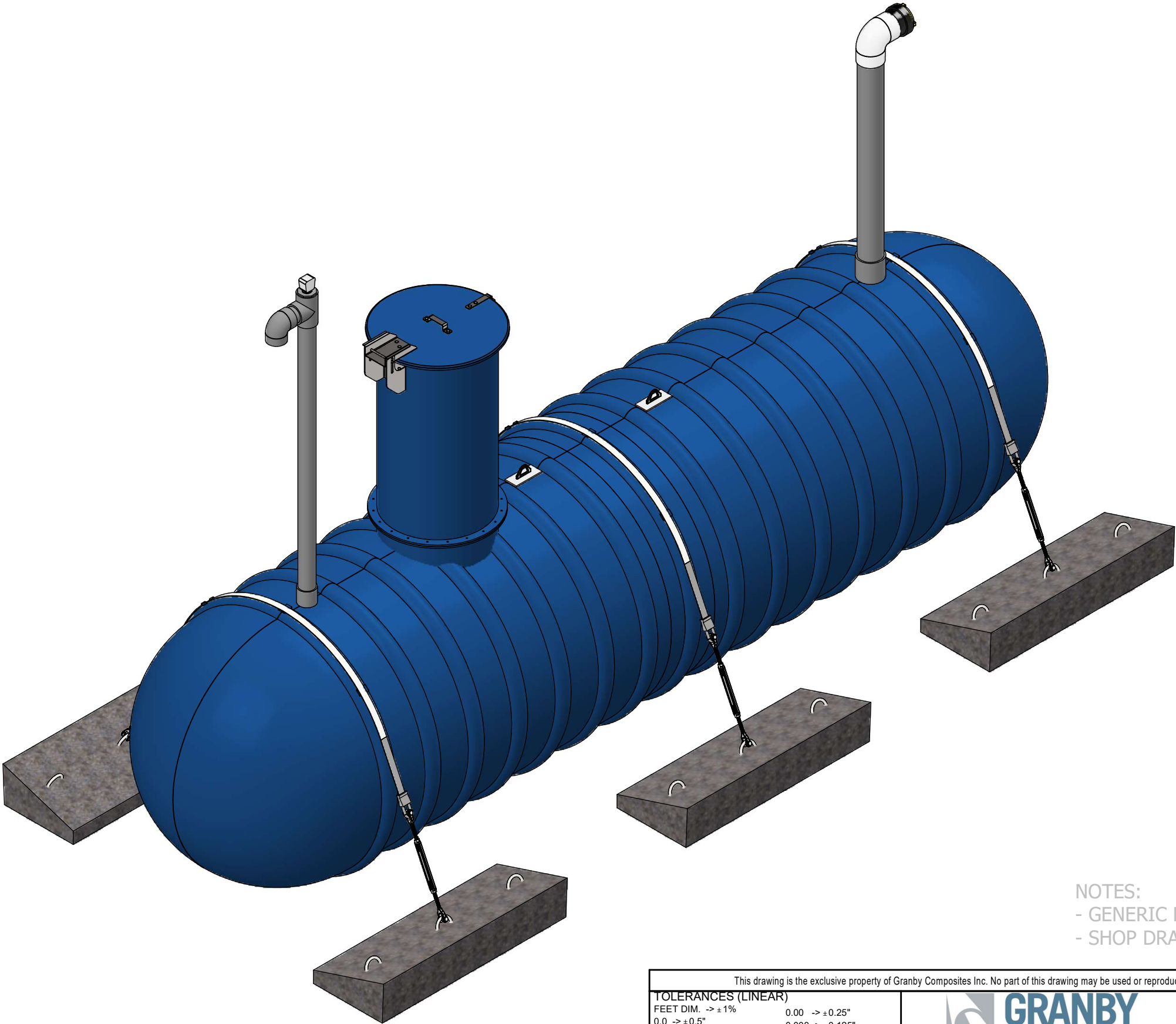


NN06150170FP

FIBERGLASS TANK
 TOTAL CAPACITY : 4675 US gal
 NET CAPACITY : 4506 US gal



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"			Format B		
0.00 -> ± 0.25" 0.000 -> ± 0.125"			Part no. NN06150170FP		
TOLERANCES (ANGULAR)		Drawn by O. Marin	15/01/2024		REV 02.
0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG.			Title		
Weight : 2079 Lb		Approved by :	6' Dia. TANK - 4675 US gal		
Client	# Project	Sheet 1 / 4			

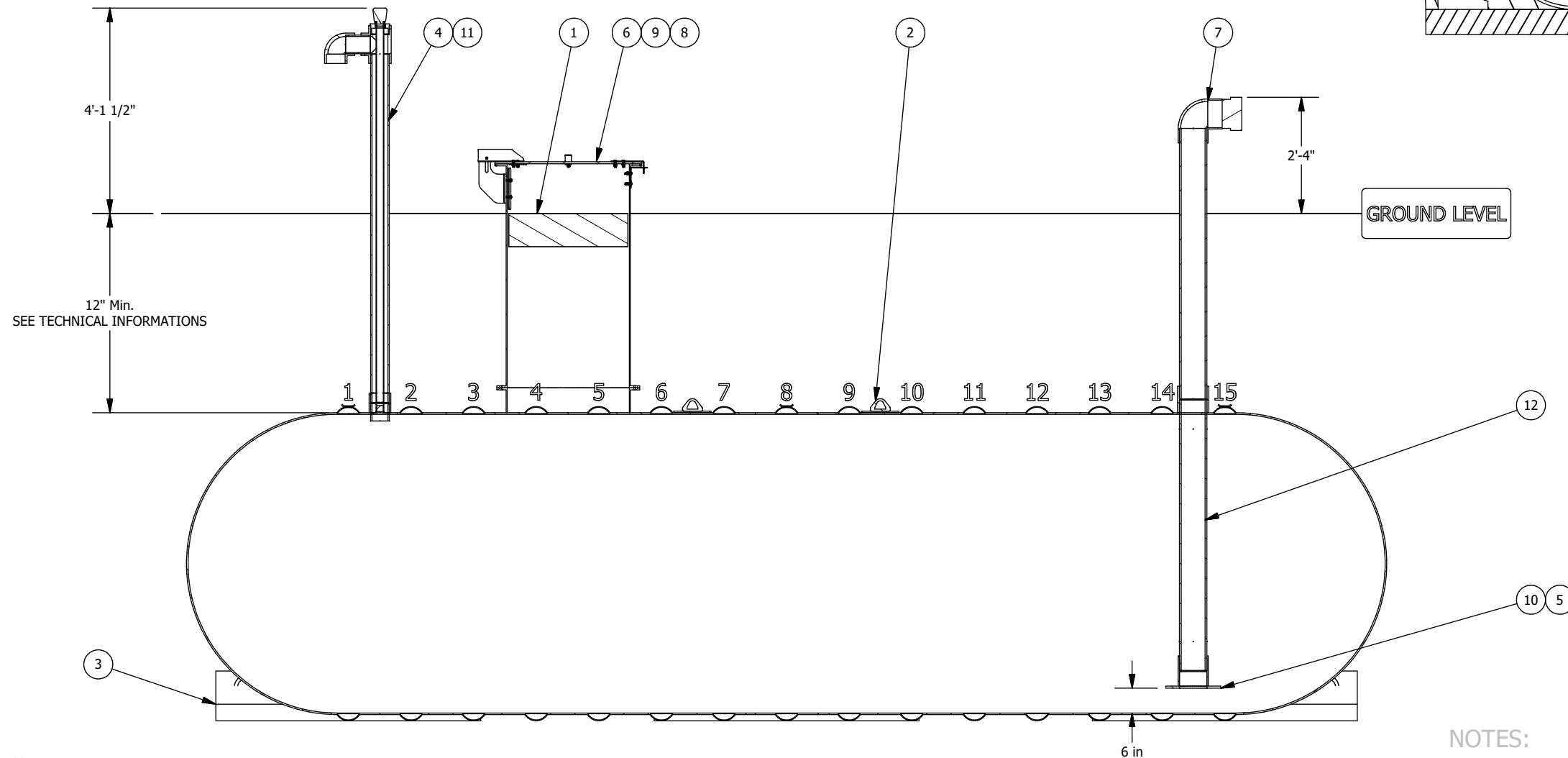
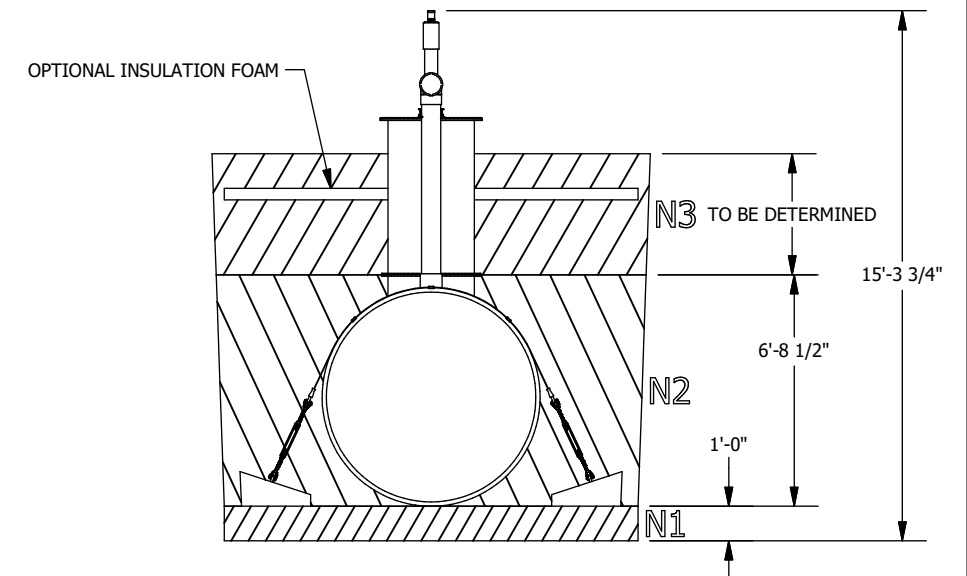
Item	Part Number	Qty	Description	Check List
1	ADF0000001	1	FOAM 28-3/4" DIA. x 8" / R-35	
2	ADPGILP001	2	LIFTING LUGS	
3	ENSCOUR6	3	ANCHORING KIT	
4	EV480J	1	4" SCH. 80 VENT KIT WITH GAUGE AND SST BIRD SCREEN	
5	FPU0600401	1	6" F X 6" F - SCH.40 - COUPLING GRAY	
6	GMHE30-COVER01	1	30" DIA. FRP. - LOCKABLE MAN HOLE COVER WITH HINGE	
7	KB-BNH0600090	1	6"NH 90° - FIRE HYDRANT KIT	
8	MH-30 (6"L.)	1	30" DIA. x 6" L. - MANHOLE	
9	MHE-30 (54"L.)	1	30" DIA. x 54" L. - MANHOLE EXTENSION	
10	PFV01313	1	0.5" x 13.25" x 13.25" - ANTI-VORTEX PLATE	
11	TP80400G01 (4.25"L.)	1	4" SCH.80 GREY PVC PIPE	
12	TP80600G01 (65.203"L.)	1	6" 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

- Burial 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
- Airtightness test performed at the factory at 5psig

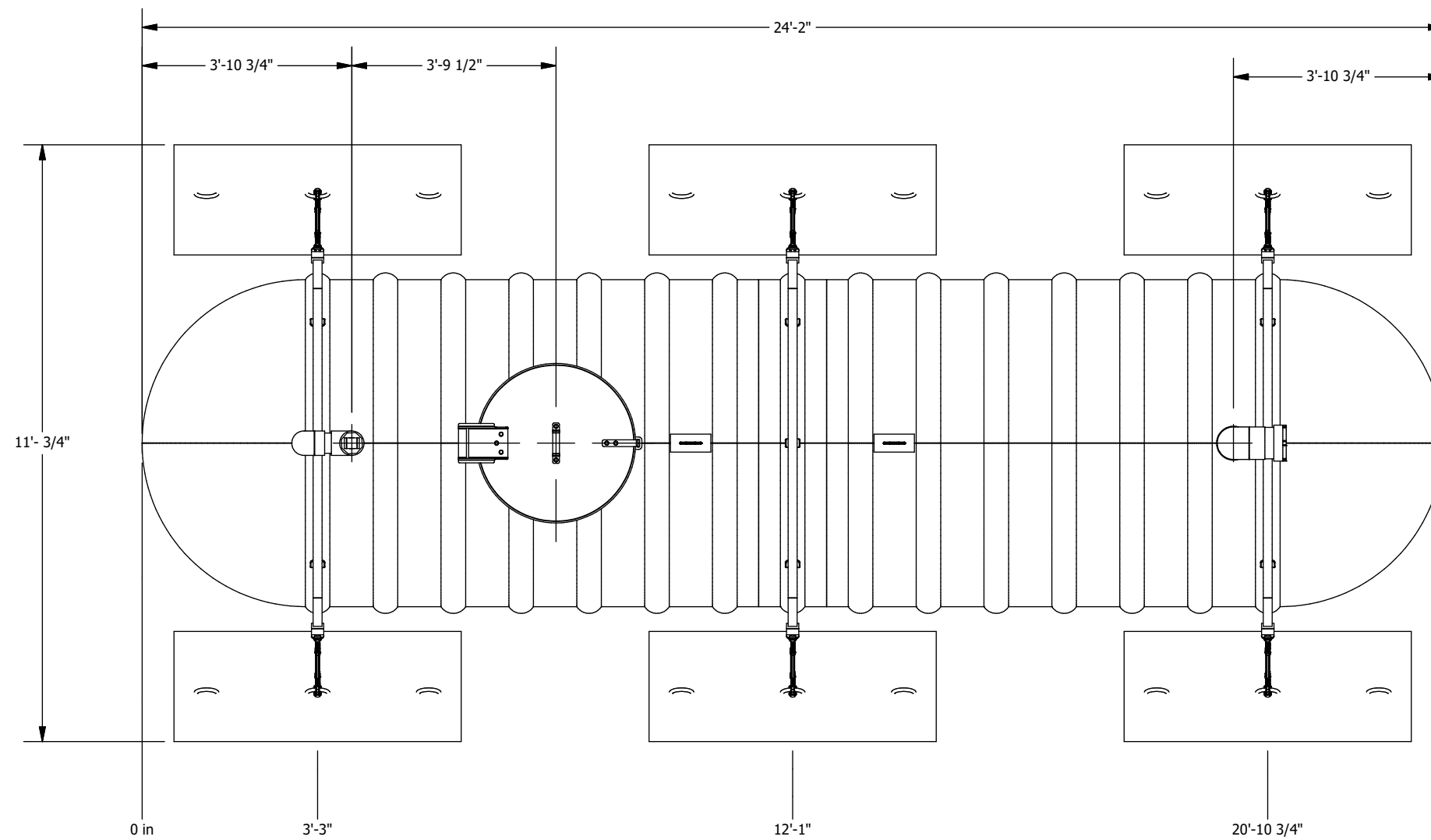
The tank must be installed in accordance with the manufacturer's instructions.

SECTION ELEVATION VIEW

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019

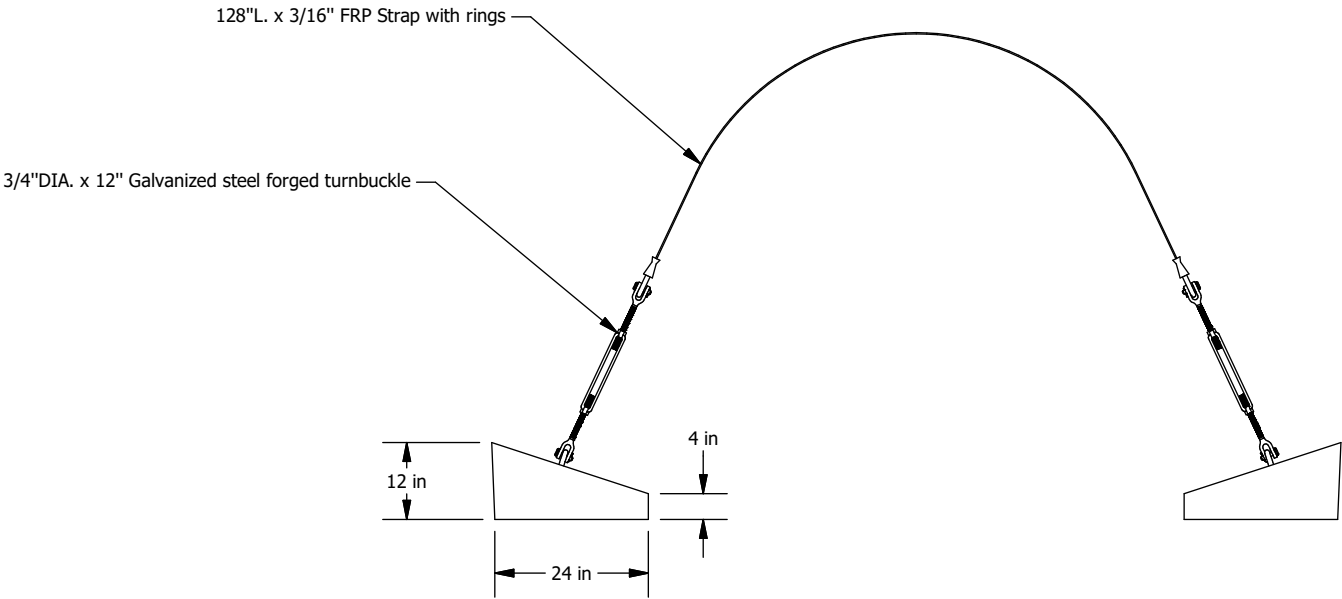
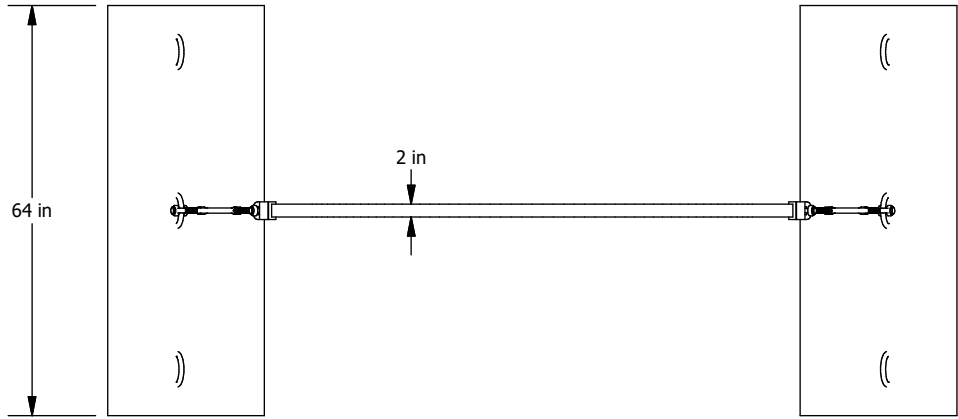
TOLERANCES (LINEAR)			Revision description			
FEET DIM. -> ±1% 0.0 -> ±0.5"						
0.00 -> ±0.25" 0.000 -> ±0.125"						
TOLERANCES (ANGULAR)		Drawn by O. Marin	15/01/2024	Format B	Part no. NN06150170FP	REV 02.
0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG.						
Weight : 2079 Lb		Approved by :		Title		
				6' Dia. TANK - 4675 US gal		
Client	# Project	Sheet 2 / 4				



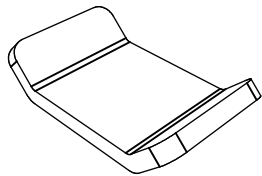
PLAN VIEW

NOTES:
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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		15/01/2024		Format B	Part no. NN06150170FP	REV 02.
0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG.								
0.00 -> ± 0.1 DEG.								
Weight :		Approved by :		Title 6' Dia. TANK - 4675 US gal				
2079 Lb								
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)			 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		04/10/2018		Format	Part no.		REV
0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG.							B	ENSCOUR6		A.
Weight :			Approved by :				Title			
							ANCHORING KIT			
Client		# Project			Sheet		4 / 4			



CAPACITY CHART FOR NN06150170 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	170	12	483	18	881	24	1337	30	1829	36	2338	42	2847	48	3339	54	3795	60	4193
1/8	1	6 1/8	175	12 1/8	490	18 1/8	890	24 1/8	1347	30 1/8	1839	36 1/8	2349	42 1/8	2857	48 1/8	3349	54 1/8	3804	60 1/8	4201
1/4	2	6 1/4	180	12 1/4	498	18 1/4	899	24 1/4	1357	30 1/4	1850	36 1/4	2359	42 1/4	2868	48 1/4	3359	54 1/4	3812	60 1/4	4208
3/8	3	6 3/8	186	12 3/8	505	18 3/8	908	24 3/8	1367	30 3/8	1860	36 3/8	2370	42 3/8	2878	48 3/8	3368	54 3/8	3821	60 3/8	4216
1/2	4	6 1/2	191	12 1/2	513	18 1/2	917	24 1/2	1377	30 1/2	1871	36 1/2	2381	42 1/2	2889	48 1/2	3378	54 1/2	3830	60 1/2	4223
5/8	6	6 5/8	197	12 5/8	521	18 5/8	926	24 5/8	1387	30 5/8	1881	36 5/8	2391	42 5/8	2899	48 5/8	3388	54 5/8	3839	60 5/8	4230
3/4	8	6 3/4	203	12 3/4	528	18 3/4	936	24 3/4	1397	30 3/4	1892	36 3/4	2402	42 3/4	2910	48 3/4	3398	54 3/4	3848	60 3/4	4238
7/8	10	6 7/8	208	12 7/8	536	18 7/8	945	24 7/8	1407	30 7/8	1902	36 7/8	2413	42 7/8	2920	48 7/8	3408	54 7/8	3857	60 7/8	4245
1	12	7	214	13	544	19	954	25	1417	31	1913	37	2423	43	2931	49	3418	55	3866	61	4252
1 1/8	14	7 1/8	220	13 1/8	552	19 1/8	963	25 1/8	1427	31 1/8	1923	37 1/8	2434	43 1/8	2941	49 1/8	3428	55 1/8	3874	61 1/8	4259
1 1/4	16	7 1/4	226	13 1/4	560	19 1/4	972	25 1/4	1437	31 1/4	1934	37 1/4	2445	43 1/4	2951	49 1/4	3437	55 1/4	3883	61 1/4	4267
1 3/8	18	7 3/8	232	13 3/8	568	19 3/8	981	25 3/8	1447	31 3/8	1945	37 3/8	2455	43 3/8	2962	49 3/8	3447	55 3/8	3892	61 3/8	4274
1 1/2	21	7 1/2	238	13 1/2	576	19 1/2	991	25 1/2	1457	31 1/2	1955	37 1/2	2466	43 1/2	2972	49 1/2	3457	55 1/2	3901	61 1/2	4281
1 5/8	24	7 5/8	244	13 5/8	584	19 5/8	1000	25 5/8	1467	31 5/8	1966	37 5/8	2476	43 5/8	2983	49 5/8	3467	55 5/8	3909	61 5/8	4288
1 3/4	26	7 3/4	250	13 3/4	592	19 3/4	1009	25 3/4	1478	31 3/4	1976	37 3/4	2487	43 3/4	2993	49 3/4	3476	55 3/4	3918	61 3/4	4295
1 7/8	29	7 7/8	256	13 7/8	600	19 7/8	1019	25 7/8	1488	31 7/8	1987	37 7/8	2498	43 7/8	3003	49 7/8	3486	55 7/8	3926	61 7/8	4302
2	32	8	262	14	608	20	1028	26	1498	32	1997	38	2508	44	3014	50	3496	56	3935	62	4309
2 1/8	35	8 1/8	268	14 1/8	616	20 1/8	1037	26 1/8	1508	32 1/8	2008	38 1/8	2519	44 1/8	3024	50 1/8	3505	56 1/8	3944	62 1/8	4316
2 1/4	38	8 1/4	275	14 1/4	624	20 1/4	1047	26 1/4	1518	32 1/4	2019	38 1/4	2530	44 1/4	3034	50 1/4	3515	56 1/4	3952	62 1/4	4323
2 3/8	42	8 3/8	281	14 3/8	632	20 3/8	1056	26 3/8	1528	32 3/8	2029	38 3/8	2540	44 3/8	3045	50 3/8	3525	56 3/8	3961	62 3/8	4329
2 1/2	45	8 1/2	287	14 1/2	640	20 1/2	1066	26 1/2	1539	32 1/2	2040	38 1/2	2551	44 1/2	3055	50 1/2	3534	56 1/2	3969	62 1/2	4336
2 5/8	49	8 5/8	294	14 5/8	648	20 5/8	1075	26 5/8	1549	32 5/8	2050	38 5/8	2562	44 5/8	3065	50 5/8	3544	56 5/8	3977	62 5/8	4343
2 3/4	52	8 3/4	300	14 3/4	657	20 3/4	1084	26 3/4	1559	32 3/4	2061	38 3/4	2572	44 3/4	3076	50 3/4	3553	56 3/4	3986	62 3/4	4349
2 7/8	56	8 7/8	307	14 7/8	665	20 7/8	1094	26 7/8	1569	32 7/8	2072	38 7/8	2583	44 7/8	3086	50 7/8	3563	56 7/8	3994	62 7/8	4356
3	59	9	313	15	673	21	1103	27	1580	33	2082	39	2594	45	3096	51	3572	57	4003	63	4363
3 1/8	63	9 1/8	320	15 1/8	682	21 1/8	1113	27 1/8	1590	33 1/8	2093	39 1/8	2604	45 1/8	3106	51 1/8	3582	57 1/8	4011	63 1/8	4369
3 1/4	67	9 1/4	326	15 1/4	690	21 1/4	1122	27 1/4	1600	33 1/4	2103	39 1/4	2615	45 1/4	3117	51 1/4	3591	57 1/4	4019	63 1/4	4376
3 3/8	71	9 3/8	333	15 3/8	698	21 3/8	1132	27 3/8	1610	33 3/8	2114	39 3/8	2625	45 3/8	3127	51 3/8	3601	57 3/8	4027	63 3/8	4382
3 1/2	75	9 1/2	340	15 1/2	707	21 1/2	1142	27 1/2	1621	33 1/2	2125	39 1/2	2636	45 1/2	3137	51 1/2	3610	57 1/2	4036	63 1/2	4389
3 5/8	79	9 5/8	346	15 5/8	715	21 5/8	1151	27 5/8	1631	33 5/8	2135	39 5/8	2647	45 5/8	3147	51 5/8	3620	57 5/8	4044	63 5/8	4395
3 3/4	83	9 3/4	353	15 3/4	724	21 3/4	1161	27 3/4	1641	33 3/4	2146	39 3/4	2657	45 3/4	3158	51 3/4	3629	57 3/4	4052	63 3/4	4401
3 7/8	87	9 7/8	360	15 7/8	732	21 7/8	1170	27 7/8	1652	33 7/8	2157	39 7/8	2668	45 7/8	3168	51 7/8	3638	57 7/8	4060	63 7/8	4408
4	92	10	367	16	741	22	1180	28	1662	34	2167	40	2678	46	3178	52	3648	58	4068	64	4414
4 1/8	96	10 1/8	374	16 1/8	749	22 1/8	1190	28 1/8	1672	34 1/8	2178	40 1/8	2689	46 1/8	3188	52 1/8	3657	58 1/8	4076	64 1/8	4420
4 1/4	101	10 1/4	381	16 1/4	758	22 1/4	1200	28 1/4	1683	34 1/4	2189	40 1/4	2700	46 1/4	3198	52 1/4	3666	58 1/4	4084	64 1/4	4426
4 3/8	105	10 3/8	388	16 3/8	767	22 3/8	1209	28 3/8	1693	34 3/8	2199	40 3/8	2710	46 3/8	3208	52 3/8	3676	58 3/8	4092	64 3/8	4432
4 1/2	110	10 1/2	395	16 1/2	775	22 1/2	1219	28 1/2	1704	34 1/2	2210	40 1/2	2721	46 1/2	3218	52 1/2	3685	58 1/2	4100	64 1/2	4438
4 5/8	114	10 5/8	402	16 5/8	784	22 5/8	1229	28 5/8	1714	34 5/8	2221	40 5/8	2731	46 5/8	3229	52 5/8	3694	58 5/8	4108	64 5/8	4444
4 3/4	119	10 3/4	409	16 3/4	793	22 3/4	1238	28 3/4	1724	34 3/4	2231	40 3/4	2742	46 3/4	3239	52 3/4	3704	58 3/4	4116	64 3/4	4450
4 7/8	124	10 7/8	416	16 7/8	801	22 7/8	1248	28 7/8	1735	34 7/8	2242	40 7/8	2752	46 7/8	3249	52 7/8	3713	58 7/8	4124	64 7/8	4456
5	129	11	424	17	810	23	1258	29	1745	35	2253	41	2763	47	3259	53	3722	59	4132	65	4462
5 1/8	134	11 1/8	431	17 1/8	819	23 1/8	1268	29 1/8	1756	35 1/8	2263	41 1/8	2773	47 1/8	3269	53 1/8	3731	59 1/8	4140	65 1/8	4467
5 1/4	138	11 1/4	438	17 1/4	828	23 1/4	1278	29 1/4	1766	35 1/4	2274	41 1/4	2784	47 1/4	3279	53 1/4	3740	59 1/4	4147	65 1/4	4473
5 3/8	144	11 3/8	445	17 3/8	837	23 3/8	1288	29 3/8	1776	35 3/8	2285	41 3/8	2794	47 3/8	3289	53 3/8	3749	59 3/8	4155	65 3/8	4479
5 1/2	149	11 1/2	453	17 1/2	845	23 1/2	1297	29 1/2	1787	35 1/2	2295	41 1/2	2805	47 1/2	3299	53 1/2	3758	59 1/2	4163	65 1/2	4484
5 5/8	154	11 5/8	460	17 5/8	854	23 5/8	1307	29 5/8	1797	35 5/8	2306	41 5/8	2816	47 5/8	3309	53 5/8	3768	59 5/8	4170	65 5/8	4490
5 3/4	159	11 3/4	468	17 3/4	863	23 3/4	1317	29 3/4	1808	35 3/4	2317	41 3/4	2826	47 3/4	3319	53 3/4	3777	59 3/4	4178	65 3/4	4495
5 7/8	164	11 7/8	475	17 7/8	872	23 7/8	1327	29 7/8	1818	35 7/8	2327	41 7/8	2837	47 7/8	3329	53 7/8	3786	59 7/8	4186	65 7/8	4501

** PRECISION IS ABOUT +/- 1%



CAPACITY CHART FOR NN06150170 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	4506	67	4547	68	4584	69	4616	70	4644	71	4664										
66 1/8	4512	67 1/8	4552	68 1/8	4588	69 1/8	4620	70 1/8	4646	71 1/8	4666										
66 1/4	4517	67 1/4	4557	68 1/4	4593	69 1/4	4624	70 1/4	4649	71 1/4	4668										
66 3/8	4522	67 3/8	4561	68 3/8	4597	69 3/8	4627	70 3/8	4652	71 3/8	4670										
66 1/2	4527	67 1/2	4566	68 1/2	4601	69 1/2	4631	70 1/2	4655	71 1/2	4671										
66 5/8	4532	67 5/8	4571	68 5/8	4605	69 5/8	4634	70 5/8	4657	71 5/8	4673										
66 3/4	4537	67 3/4	4575	68 3/4	4609	69 3/4	4637	70 3/4	4660	71 3/4	4674										
66 7/8	4542	67 7/8	4580	68 7/8	4613	69 7/8	4640	70 7/8	4662	71 7/8	4675										

** PRECISION IS ABOUT +/- 1%