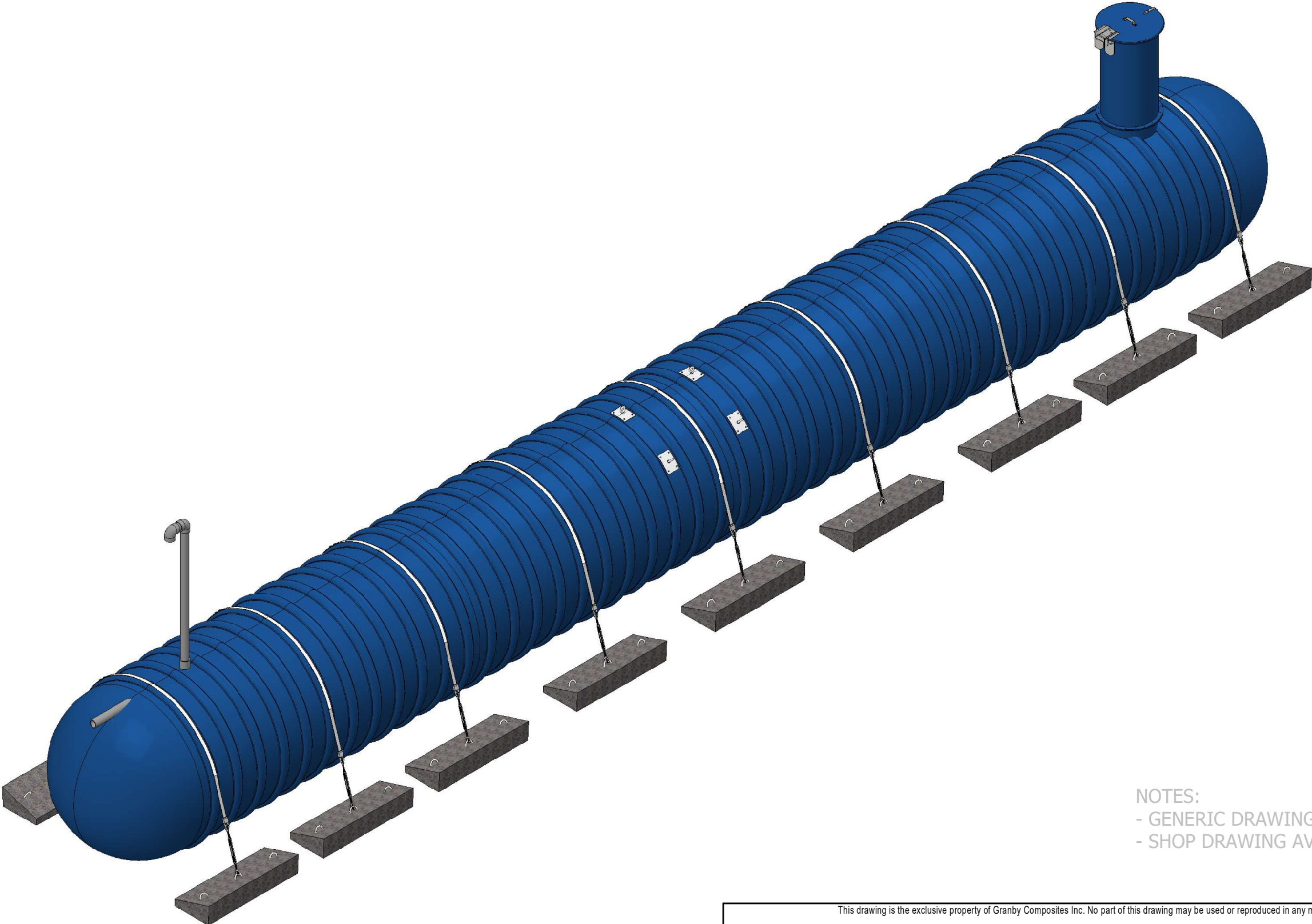


NN08450860EU
 FIBERGLASS TANK

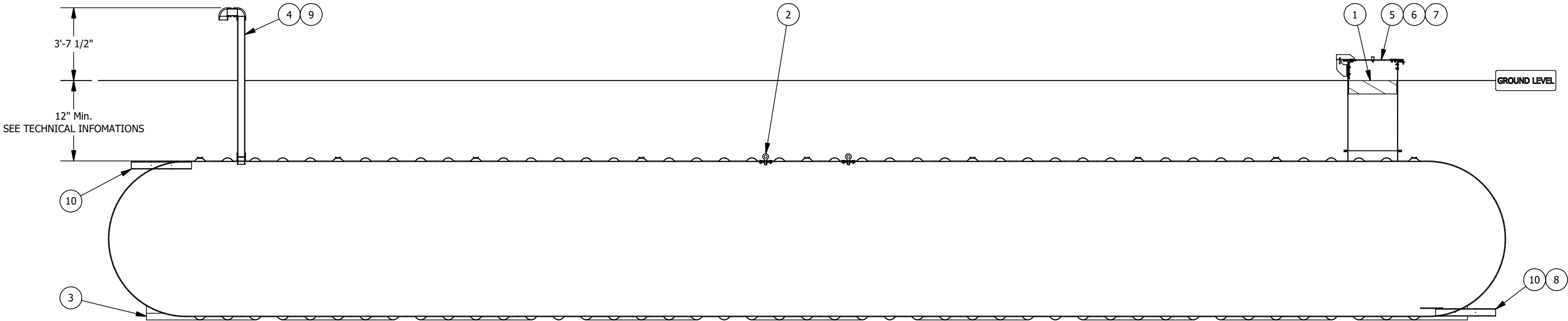
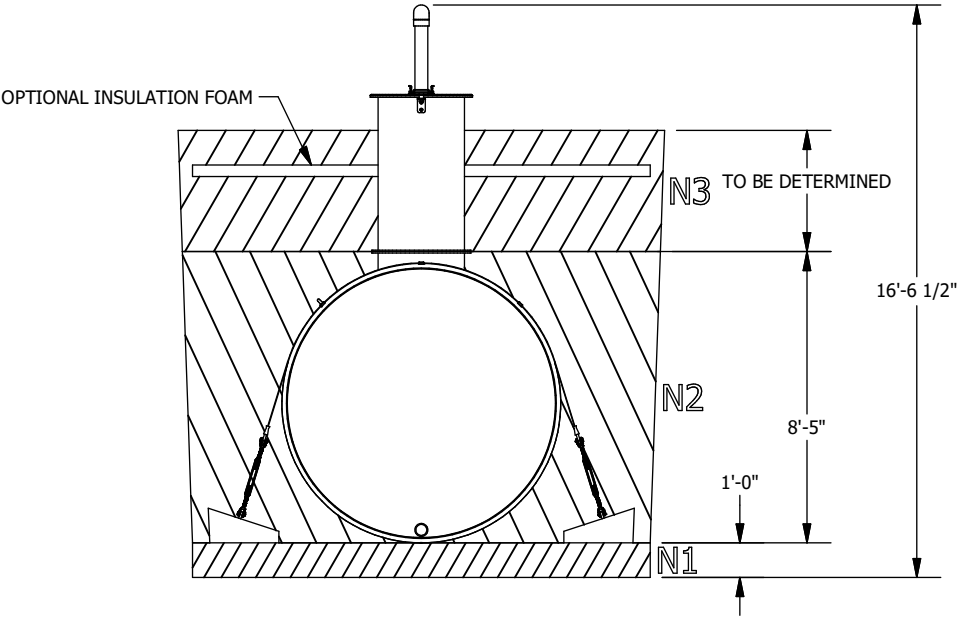


NOTES:
 - GENERIC DRAWING FOR REFERENCE ONLY
 - SHOP DRAWING AVAILABLE ON REQUEST

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TOLERANCES (LINEAR)				Revision description		
FEET DIM. -> ± 1% 0.0 -> ± 0.5"				Format	Part no.	REV
TOLERANCES (ANGULAR)		Drawn by		NN08450860EU		02.
0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG.		O. Marin		20/12/2023		
Weight :		Approved by :		Title		
7849 Lb				8' Dia. TANK - 23264 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	ADP0000001	4	LIFTING LUG	
3	ENSCOUR8	9	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 (4.25"L.)	1	4" SCH.80 GREY PVC PIPE	
10	TP80400G01 (40"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

SECTION ELEVATION VIEW

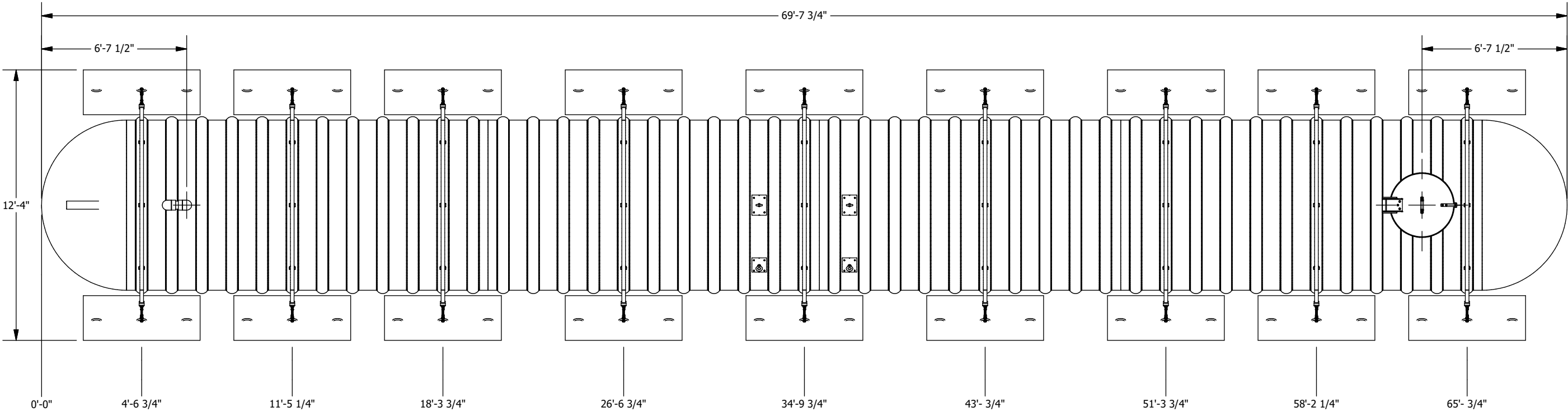
Technical informations

- Burrial depth: According to the geotechnical installation conditions
- Inside Diameter : 92.25"
- (If required) Quantity of fiberglass anchoring straps : 9
- (If required) Quantity of reinforced concrete deadman anchors : 18
- 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.

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TOLERANCES (LINEAR)			Revision description		
FEET DIM. -> ± 1% 0.0 -> ± 0.5"					
TOLERANCES (ANGULAR)		Drawn by O. Marin	20/12/2023		Format B
0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG.					
Weight : 7849 Lb		Approved by :		Title	
Client		# Project		8' Dia. TANK - 23264 US gal	
		Sheet 2 / 4			



PLAN VIEW

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TOLERANCES (LINEAR) FEET DIM. -> ± 1% 0.0 -> ± 0.5" 0.00 -> ± 0.25" 0.000 -> ± 0.125"			GRANBY COMPOSITES Drawn by O. Marin Approved by : 20/12/2023			Revision description				
						Format B	Part no. NN08450860EU		REV 02.	
TOLERANCES (ANGULAR) 0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG. 0.00 -> ± 0.1 DEG.						Title 8' Dia. TANK - 23264 US gal				
Weight : 7849 Lb										
Client		# Project			Sheet 3 / 4					



ITEM : ENSCOUR8



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	ENSCOUR8	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 NN08450860 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	615	12	1726	18	3130	24	4742	30	6502	36	8366	42	10291	48	12242	54	14181	60	16073
1/8	2	6 1/8	634	12 1/8	1752	18 1/8	3162	24 1/8	4777	30 1/8	6540	36 1/8	8405	42 1/8	10332	48 1/8	12283	54 1/8	14221	60 1/8	16111
1/4	6	6 1/4	654	12 1/4	1779	18 1/4	3193	24 1/4	4812	30 1/4	6578	36 1/4	8445	42 1/4	10373	48 1/4	12323	54 1/4	14261	60 1/4	16150
3/8	10	6 3/8	673	12 3/8	1806	18 3/8	3225	24 3/8	4848	30 3/8	6616	36 3/8	8485	42 3/8	10413	48 3/8	12364	54 3/8	14301	60 3/8	16188
1/2	15	6 1/2	693	12 1/2	1833	18 1/2	3257	24 1/2	4883	30 1/2	6654	36 1/2	8524	42 1/2	10454	48 1/2	12405	54 1/2	14341	60 1/2	16227
5/8	21	6 5/8	713	12 5/8	1860	18 5/8	3289	24 5/8	4919	30 5/8	6692	36 5/8	8564	42 5/8	10494	48 5/8	12445	54 5/8	14381	60 5/8	16265
3/4	28	6 3/4	734	12 3/4	1887	18 3/4	3321	24 3/4	4955	30 3/4	6731	36 3/4	8604	42 3/4	10535	48 3/4	12486	54 3/4	14421	60 3/4	16304
7/8	35	6 7/8	754	12 7/8	1915	18 7/8	3354	24 7/8	4990	30 7/8	6769	36 7/8	8644	42 7/8	10575	48 7/8	12526	54 7/8	14461	60 7/8	16342
1	42	7	774	13	1942	19	3386	25	5026	31	6807	37	8683	43	10616	49	12567	55	14501	61	16381
1 1/8	50	7 1/8	795	13 1/8	1970	19 1/8	3418	25 1/8	5062	31 1/8	6845	37 1/8	8723	43 1/8	10656	49 1/8	12608	55 1/8	14541	61 1/8	16419
1 1/4	59	7 1/4	816	13 1/4	1998	19 1/4	3451	25 1/4	5098	31 1/4	6884	37 1/4	8763	43 1/4	10697	49 1/4	12648	55 1/4	14581	61 1/4	16457
1 3/8	68	7 3/8	837	13 3/8	2025	19 3/8	3483	25 3/8	5134	31 3/8	6922	37 3/8	8803	43 3/8	10738	49 3/8	12689	55 3/8	14620	61 3/8	16495
1 1/2	77	7 1/2	858	13 1/2	2053	19 1/2	3516	25 1/2	5170	31 1/2	6960	37 1/2	8843	43 1/2	10778	49 1/2	12729	55 1/2	14660	61 1/2	16533
1 5/8	87	7 5/8	880	13 5/8	2081	19 5/8	3549	25 5/8	5206	31 5/8	6999	37 5/8	8883	43 5/8	10819	49 5/8	12770	55 5/8	14700	61 5/8	16572
1 3/4	97	7 3/4	901	13 3/4	2110	19 3/4	3581	25 3/4	5242	31 3/4	7037	37 3/4	8923	43 3/4	10859	49 3/4	12810	55 3/4	14740	61 3/4	16610
1 7/8	108	7 7/8	923	13 7/8	2138	19 7/8	3614	25 7/8	5278	31 7/8	7076	37 7/8	8963	43 7/8	10900	49 7/8	12851	55 7/8	14779	61 7/8	16648
2	119	8	945	14	2166	20	3647	26	5314	32	7114	38	9003	44	10941	50	12892	56	14819	62	16686
2 1/8	130	8 1/8	967	14 1/8	2195	20 1/8	3680	26 1/8	5351	32 1/8	7153	38 1/8	9043	44 1/8	10981	50 1/8	12932	56 1/8	14859	62 1/8	16724
2 1/4	142	8 1/4	989	14 1/4	2223	20 1/4	3713	26 1/4	5387	32 1/4	7191	38 1/4	9083	44 1/4	11022	50 1/4	12973	56 1/4	14898	62 1/4	16762
2 3/8	153	8 3/8	1012	14 3/8	2252	20 3/8	3747	26 3/8	5423	32 3/8	7230	38 3/8	9123	44 3/8	11063	50 3/8	13013	56 3/8	14938	62 3/8	16800
2 1/2	166	8 1/2	1034	14 1/2	2281	20 1/2	3780	26 1/2	5460	32 1/2	7269	38 1/2	9163	44 1/2	11103	50 1/2	13054	56 1/2	14977	62 1/2	16837
2 5/8	178	8 5/8	1057	14 5/8	2310	20 5/8	3813	26 5/8	5497	32 5/8	7307	38 5/8	9203	44 5/8	11144	50 5/8	13094	56 5/8	15017	62 5/8	16875
2 3/4	191	8 3/4	1080	14 3/4	2339	20 3/4	3847	26 3/4	5533	32 3/4	7346	38 3/4	9243	44 3/4	11185	50 3/4	13134	56 3/4	15056	62 3/4	16913
2 7/8	204	8 7/8	1103	14 7/8	2368	20 7/8	3880	26 7/8	5570	32 7/8	7385	38 7/8	9283	44 7/8	11225	50 7/8	13175	56 7/8	15096	62 7/8	16951
3	218	9	1126	15	2397	21	3914	27	5606	33	7424	39	9323	45	11266	51	13215	57	15135	63	16988
3 1/8	232	9 1/8	1150	15 1/8	2427	21 1/8	3947	27 1/8	5643	33 1/8	7463	39 1/8	9363	45 1/8	11307	51 1/8	13256	57 1/8	15175	63 1/8	17026
3 1/4	246	9 1/4	1173	15 1/4	2456	21 1/4	3981	27 1/4	5680	33 1/4	7502	39 1/4	9404	45 1/4	11347	51 1/4	13296	57 1/4	15214	63 1/4	17063
3 3/8	260	9 3/8	1197	15 3/8	2486	21 3/8	4015	27 3/8	5717	33 3/8	7541	39 3/8	9444	45 3/8	11388	51 3/8	13337	57 3/8	15254	63 3/8	17101
3 1/2	274	9 1/2	1221	15 1/2	2516	21 1/2	4049	27 1/2	5754	33 1/2	7580	39 1/2	9484	45 1/2	11429	51 1/2	13377	57 1/2	15293	63 1/2	17138
3 5/8	289	9 5/8	1245	15 5/8	2545	21 5/8	4083	27 5/8	5791	33 5/8	7619	39 5/8	9524	45 5/8	11469	51 5/8	13417	57 5/8	15332	63 5/8	17176
3 3/4	304	9 3/4	1269	15 3/4	2575	21 3/4	4117	27 3/4	5828	33 3/4	7658	39 3/4	9564	45 3/4	11510	51 3/4	13458	57 3/4	15371	63 3/4	17213
3 7/8	320	9 7/8	1293	15 7/8	2605	21 7/8	4151	27 7/8	5865	33 7/8	7697	39 7/8	9605	45 7/8	11551	51 7/8	13498	57 7/8	15411	63 7/8	17250
4	335	10	1317	16	2635	22	4185	28	5902	34	7736	40	9645	46	11591	52	13538	58	15450	64	17288
4 1/8	351	10 1/8	1342	16 1/8	2666	22 1/8	4219	28 1/8	5939	34 1/8	7775	40 1/8	9685	46 1/8	11632	52 1/8	13579	58 1/8	15489	64 1/8	17325
4 1/4	367	10 1/4	1366	16 1/4	2696	22 1/4	4254	28 1/4	5976	34 1/4	7814	40 1/4	9726	46 1/4	11673	52 1/4	13619	58 1/4	15528	64 1/4	17362
4 3/8	383	10 3/8	1391	16 3/8	2726	22 3/8	4288	28 3/8	6014	34 3/8	7853	40 3/8	9766	46 3/8	11713	52 3/8	13659	58 3/8	15567	64 3/8	17399
4 1/2	400	10 1/2	1416	16 1/2	2757	22 1/2	4323	28 1/2	6051	34 1/2	7893	40 1/2	9806	46 1/2	11754	52 1/2	13700	58 1/2	15606	64 1/2	17436
4 5/8	417	10 5/8	1441	16 5/8	2787	22 5/8	4357	28 5/8	6088	34 5/8	7932	40 5/8	9847	46 5/8	11795	52 5/8	13740	58 5/8	15645	64 5/8	17473
4 3/4	434	10 3/4	1466	16 3/4	2818	22 3/4	4392	28 3/4	6126	34 3/4	7971	40 3/4	9887	46 3/4	11835	52 3/4	13780	58 3/4	15684	64 3/4	17510
4 7/8	451	10 7/8	1492	16 7/8	2849	22 7/8	4426	28 7/8	6163	34 7/8	8011	40 7/8	9927	46 7/8	11876	52 7/8	13820	58 7/8	15723	64 7/8	17547
5	468	11	1517	17	2880	23	4461	29	6201	35	8050	41	9968	47	11917	53	13860	59	15762	65	17584
5 1/8	486	11 1/8	1543	17 1/8	2911	23 1/8	4496	29 1/8	6238	35 1/8	8089	41 1/8	10008	47 1/8	11957	53 1/8	13901	59 1/8	15801	65 1/8	17621
5 1/4	504	11 1/4	1569	17 1/4	2942	23 1/4	4531	29 1/4	6276	35 1/4	8129	41 1/4	10049	47 1/4	11998	53 1/4	13941	59 1/4	15840	65 1/4	17658
5 3/8	522	11 3/8	1594	17 3/8	2973	23 3/8	4566	29 3/8	6313	35 3/8	8168	41 3/8	10089	47 3/8	12039	53 3/8	13981	59 3/8	15879	65 3/8	17694
5 1/2	540	11 1/2	1620	17 1/2	3004	23 1/2	4601	29 1/2	6351	35 1/2	8208	41 1/2	10130	47 1/2	12079	53 1/2	14021	59 1/2	15918	65 1/2	17731
5 5/8	559	11 5/8	1647	17 5/8	3035	23 5/8	4636	29 5/8	6389	35 5/8	8247	41 5/8	10170	47 5/8	12120	53 5/8	14061	59 5/8	15957	65 5/8	17768
5 3/4	577	11 3/4	1673	17 3/4	3067	23 3/4	4671	29 3/4	6427	35 3/4	8287	41 3/4	10211	47 3/4	12161	53 3/4	14101	59 3/4	15995	65 3/4	17804
5 7/8	596	11 7/8	1699	17 7/8	3098	23 7/8	4706	29 7/8	6465	35 7/8	8326	41 7/8	10251	47 7/8	12201	53 7/8	14141	59 7/8	16034	65 7/8	17841

** PRECISION IS ABOUT +/- 1%



CAPACITY CHART FOR NN08450860 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	17877	69	18733	72	19551	75	20322	78	21041	81	21696	84	22275	87	22760	90	23123				
66 1/8	17913	69 1/8	18768	72 1/8	19584	75 1/8	20354	78 1/8	21069	81 1/8	21721	84 1/8	22297	87 1/8	22778	90 1/8	23134				
66 1/4	17950	69 1/4	18803	72 1/4	19617	75 1/4	20384	78 1/4	21098	81 1/4	21747	84 1/4	22319	87 1/4	22796	90 1/4	23145				
66 3/8	17986	69 3/8	18838	72 3/8	19650	75 3/8	20415	78 3/8	21126	81 3/8	21772	84 3/8	22341	87 3/8	22813	90 3/8	23156				
66 1/2	18022	69 1/2	18872	72 1/2	19683	75 1/2	20446	78 1/2	21154	81 1/2	21798	84 1/2	22363	87 1/2	22830	90 1/2	23167				
66 5/8	18058	69 5/8	18907	72 5/8	19715	75 5/8	20477	78 5/8	21183	81 5/8	21823	84 5/8	22384	87 5/8	22847	90 5/8	23177				
66 3/4	18094	69 3/4	18941	72 3/4	19748	75 3/4	20507	78 3/4	21211	81 3/4	21848	84 3/4	22406	87 3/4	22864	90 3/4	23187				
66 7/8	18130	69 7/8	18976	72 7/8	19781	75 7/8	20538	78 7/8	21239	81 7/8	21873	84 7/8	22427	87 7/8	22881	90 7/8	23196				
67	18166	70	19010	73	19813	76	20568	79	21267	82	21898	85	22448	88	22897	91	23205				
67 1/8	18202	70 1/8	19045	73 1/8	19846	76 1/8	20599	79 1/8	21294	82 1/8	21922	85 1/8	22469	88 1/8	22913	91 1/8	23214				
67 1/4	18238	70 1/4	19079	73 1/4	19878	76 1/4	20629	79 1/4	21322	82 1/4	21947	85 1/4	22490	88 1/4	22929	91 1/4	23222				
67 3/8	18274	70 3/8	19113	73 3/8	19911	76 3/8	20659	79 3/8	21349	82 3/8	21971	85 3/8	22510	88 3/8	22944	91 3/8	23229				
67 1/2	18310	70 1/2	19147	73 1/2	19943	76 1/2	20689	79 1/2	21377	82 1/2	21995	85 1/2	22531	88 1/2	22960	91 1/2	23237				
67 5/8	18345	70 5/8	19181	73 5/8	19975	76 5/8	20719	79 5/8	21404	82 5/8	22020	85 5/8	22551	88 5/8	22975	91 5/8	23243				
67 3/4	18381	70 3/4	19215	73 3/4	20007	76 3/4	20749	79 3/4	21431	82 3/4	22043	85 3/4	22571	88 3/4	22990	91 3/4	23249				
67 7/8	18416	70 7/8	19249	73 7/8	20039	76 7/8	20778	79 7/8	21458	82 7/8	22067	85 7/8	22591	88 7/8	23004	91 7/8	23254				
68	18452	71	19283	74	20071	77	20808	80	21485	83	22091	86	22610	89	23018	92	23258				
68 1/8	18487	71 1/8	19317	74 1/8	20103	77 1/8	20837	80 1/8	21512	83 1/8	22114	86 1/8	22630	89 1/8	23032	92 1/8	23262				
68 1/4	18522	71 1/4	19350	74 1/4	20134	77 1/4	20867	80 1/4	21538	83 1/4	22138	86 1/4	22649	89 1/4	23046	92 1/4	23264				
68 3/8	18558	71 3/8	19384	74 3/8	20166	77 3/8	20896	80 3/8	21565	83 3/8	22161	86 3/8	22668	89 3/8	23060	92 3/8	23264				
68 1/2	18593	71 1/2	19417	74 1/2	20197	77 1/2	20925	80 1/2	21591	83 1/2	22184	86 1/2	22687	89 1/2	23073						
68 5/8	18628	71 5/8	19451	74 5/8	20229	77 5/8	20954	80 5/8	21618	83 5/8	22207	86 5/8	22706	89 5/8	23086						
68 3/4	18663	71 3/4	19484	74 3/4	20260	77 3/4	20983	80 3/4	21644	83 3/4	22230	86 3/4	22724	89 3/4	23098						
68 7/8	18698	71 7/8	19517	74 7/8	20291	77 7/8	21012	80 7/8	21670	83 7/8	22252	86 7/8	22742	89 7/8	23111						

** PRECISION IS ABOUT +/- 1%