

TANK-AXONOMETRIC

TANK COMPONENTS

No.	Description	Material	Qty	Remarks
1	Water tank	FRP	1	Colour GRAY
2	Manhole Cover	FRP	1	S/S Hinges & Locks
3	Internal Ladder	FRP/SS	1	Height : 2.5m
4	External Ladder	G.I.	1	Height : 2.5m
5	Air vent	PVC	1	Light & Insect Proof 4" Cowl Type
6	Inlet	-	1	4" Connection Flange
7	Outlet	-	1	4" Connection Flange
8	Drain	-	1	2" Connection Flange
9	Overflow	-	1	6" Connection Flange
10	Control	PVC	1	3" Connection Flange
11	Water Level Indicator	C&M	1	Height : 2.5m
12	Side Manway	FRP	1	-

NOTES:

1. Allow a minimum space of 50 cm all around the tank's foundation.
2. Maximum allowable deflection in concrete foundation = +/- 2mm.
3. For sizes of items 6, 7, 8, 9 & 10, please refer to catalogue.
4. FTC will not be held liable if the erection of our water tanks are not made in accordance to the technical requirements of concrete foundation, steel footing and water tank assembly drawings.
5. Overflow shall be minimum twice the volume of inlet.
6. Overflow shall flow freely to the ground.
7. All tanks shall be electrically grounded.

CAUTIONS

GRP Panel Type Water Tanks

Seismic Load $K_h = 0.3G$

Tank size:	6.56x4.92x8.2 ft High.		
	2x1.5x2.5 m HIGH		
Volume:	7.5 m ³	1,980 USG	1,650 ImpG
Bolts / Nuts:	S/S A4 - 316		
Insulation:	Non-Insulated		

Project Name:

Harris County Annex

Contractor:

Cougar USA

Consultant:

-

Done By:	JC	Reviewed by:	
		Verified by:	-

Revisions

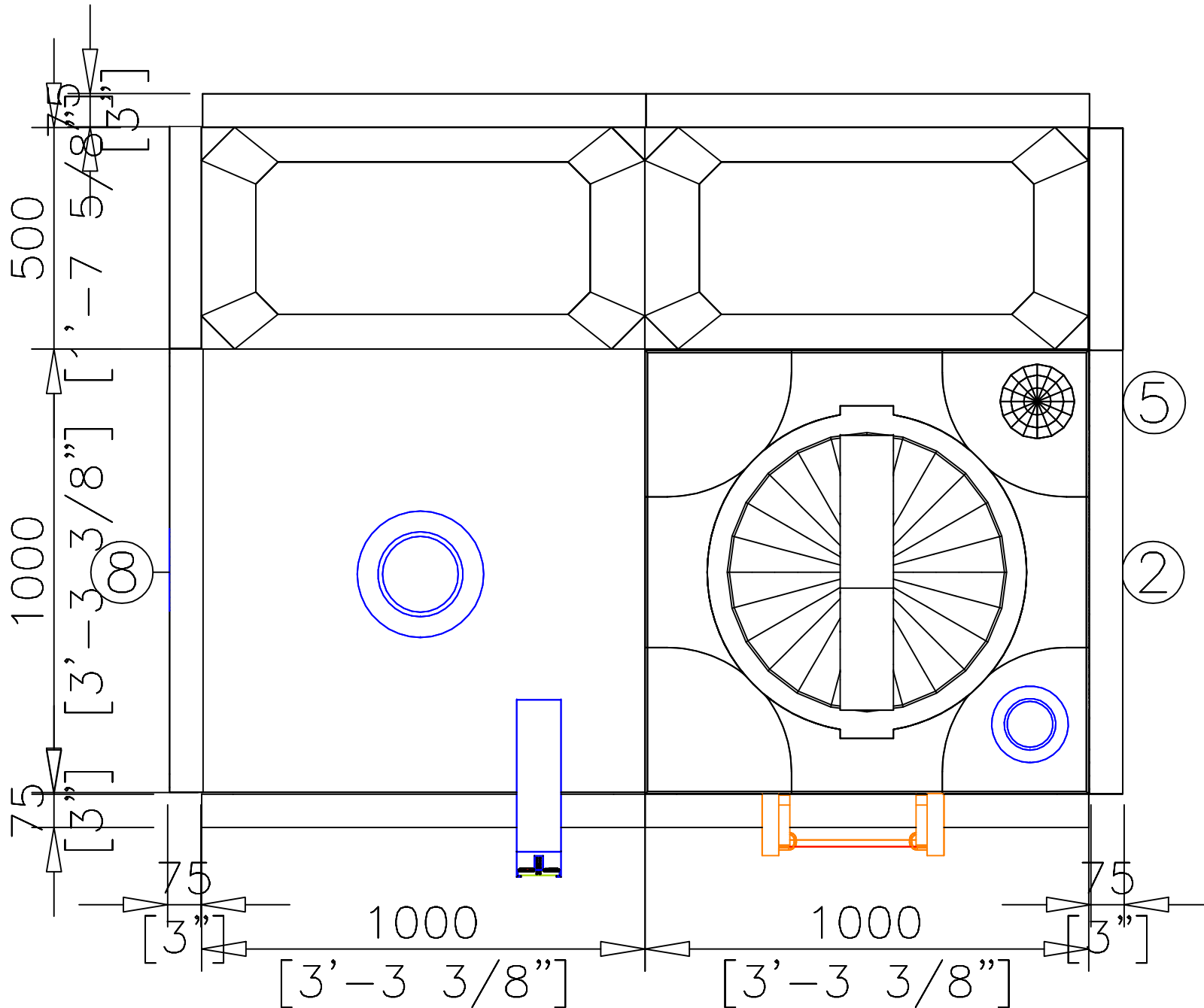
No.	Issue Date	Description
1	10Mar'21	NEW

FTC FIBER TECHNOLOGY CORPORATION

Head Office:
Lorton, Virginia, United States of America

Regional Office:
Jebel Ali Free Zone, Dubai, U.A.E.

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TANK-PLAN

TANK COMPONENTS

No.	Description	Material	Qty	Remarks
1	Water tank	FRP	1	Colour GRAY
2	Manhole Cover	FRP	1	S/S Hinges & Locks
3	Internal Ladder	FRP/SS	1	Height : 2.5m
4	External Ladder	G.I.	1	Height : 2.5m
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8	Drain	-	1	2" Connection Flange
9	Overflow	-	1	6" Connection Flange
10	Control	PVC	1	3" Connection Flange
11	Water Level Indicator	C&M	1	Height : 2.5m
12	Side Manway	FRP	1	-

NOTES:

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CAUTIONS

GRP Panel Type Water Tanks

Seismic Load Kh=0.3G

Tank size: 6.56x4.92x8.2 ft High.
2x1.5x2.5 m HIGH

Volume: 7.5 m³ 1,980 USG 1,650 ImpG

Bolts / Nuts: S/S A4 - 316

Insulation: Non-Insulated

Project Name:

Harris County Annex

Contractor:

Cougar USA

Consultant:

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Done By: JC Reviewed by:
Verified by: -

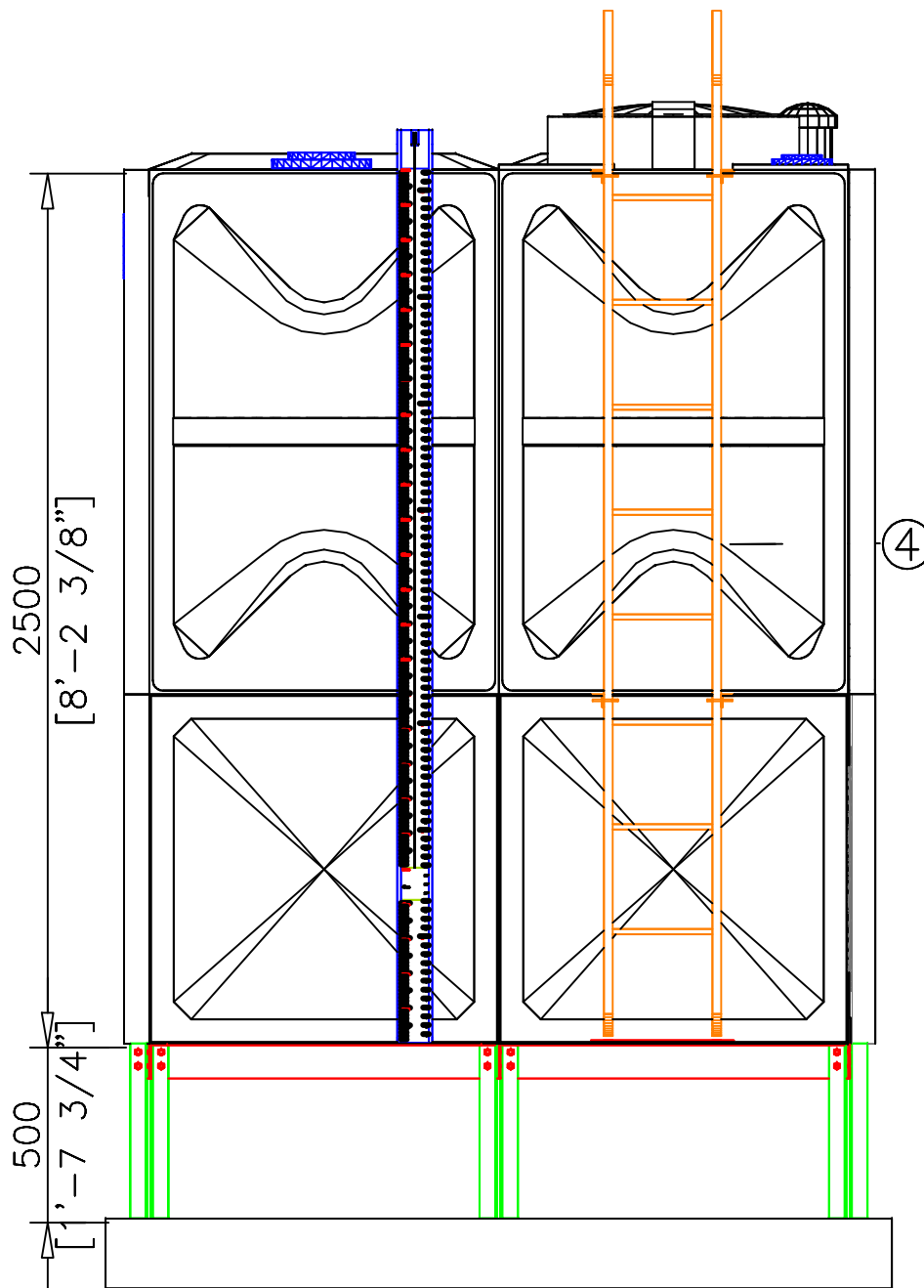
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FRONT ELEVATION

TANK COMPONENTS

No.	Description	Material	Qty	Remarks
1	Water tank	FRP	1	Colour GRAY
2	Manhole Cover	FRP	1	S/S Hinges & Locks
3	Internal Ladder	FRP/SS	1	Height : 2.5m
4	External Ladder	G.I.	1	Height : 2.5m
5	Air vent	PVC	1	Light & Insect Proof 4" Cow Type
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9	Overflow	-	1	6" Connection Flange
10	Control	PVC	1	3" Connection Flange
11	Water Level Indicator	C&M	1	Height : 2.5m
12	Side Manway	FRP	1	-

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CAUTIONS

GFRP Panel Type Water Tanks

Seismic Load Kh=0.3G

Tank size:	6.56x4.92x8.2 ft High. 2x1.5x2.5 m HIGH		
Volume:	7.5 m ³	1,980 USG	1,650 ImpG
Bolts / Nuts:	S/S A4 - 316		
Insulation:	Non-Insulated		

Project Name:

Harris County Annex

Contractor:

Cougar USA

Consultant:

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Done By:	JC	Reviewed by:	
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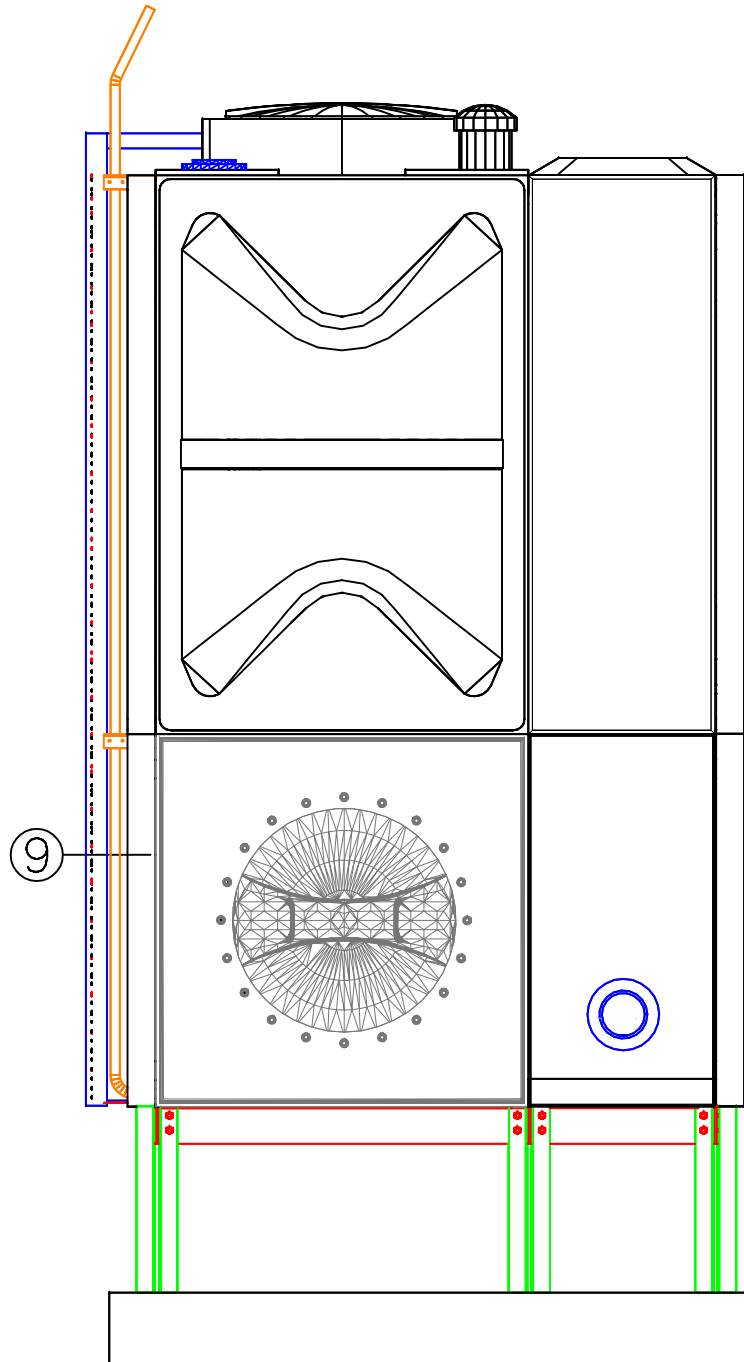
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TANK-RIGHT ELEVATION

TANK COMPONENTS

No.	Description	Material	Qty	Remarks
1	Water tank	FRP	1	Colour GRAY
2	Manhole Cover	FRP	1	S/S Hinges & Locks
3	Internal Ladder	FRP/SS	1	Height : 2.5m
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10	Control	PVC	1	3" Connection Flange
11	Water Level Indicator	C&M	1	Height : 2.5m
12	Side Manway	FRP	1	-

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Bolts / Nuts:	S/S A4 - 316		
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