

TANK-AXONOMETRIC

# TANK COMPONENTS

No.	Description	Material	Qty	Remarks
1	Water tank	FRP	1	Colour GRAY
2	Manhole Cover	FRP	2	S/S Hinges & Locks
3	Internal Ladder	FRP/SS	2	Height : 2.5m
4	External Ladder	G.I.	2	Height : 2.5m
5	Air vent	PVC	2	Light & Insect Proof 4" Cow Type
6	Flanges	Class 150	2	4" Connection Flange
		B	2	8" Connection Flange
		C	2	8" Connection Flange
		D	2	2" Connection Flange
		E	2	3" PVC Connection Flange
7	Water Level Indicator	C&M	2	Height : 2.5m
8	Vortex Assembly	FRP	2	4" & 8" Vortex plate Assembly
9	Side Man Way	FRP	2	-

## 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

### GFRP Panel Type Water Tanks

Seismic Load Kh=0.3G

**Tank size:** (6.39+0.32+3.11)x8.2x8.2 ft High.  
(1.95+0.1+0.95)x2.5x2.5 m HIGH

**Volume:** 18.75 m<sup>3</sup> 4953. USG

**Bolts / Nuts:** S/S A4 - 316

**Insulation:** Non-Insulated

**Project Name:**

**Brigade Fire Solutions**

**Contractor:**

**Cougar USA**

**Consultant:**

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Done By: JC

Reviewed by:

Verified by: -

## Revisions

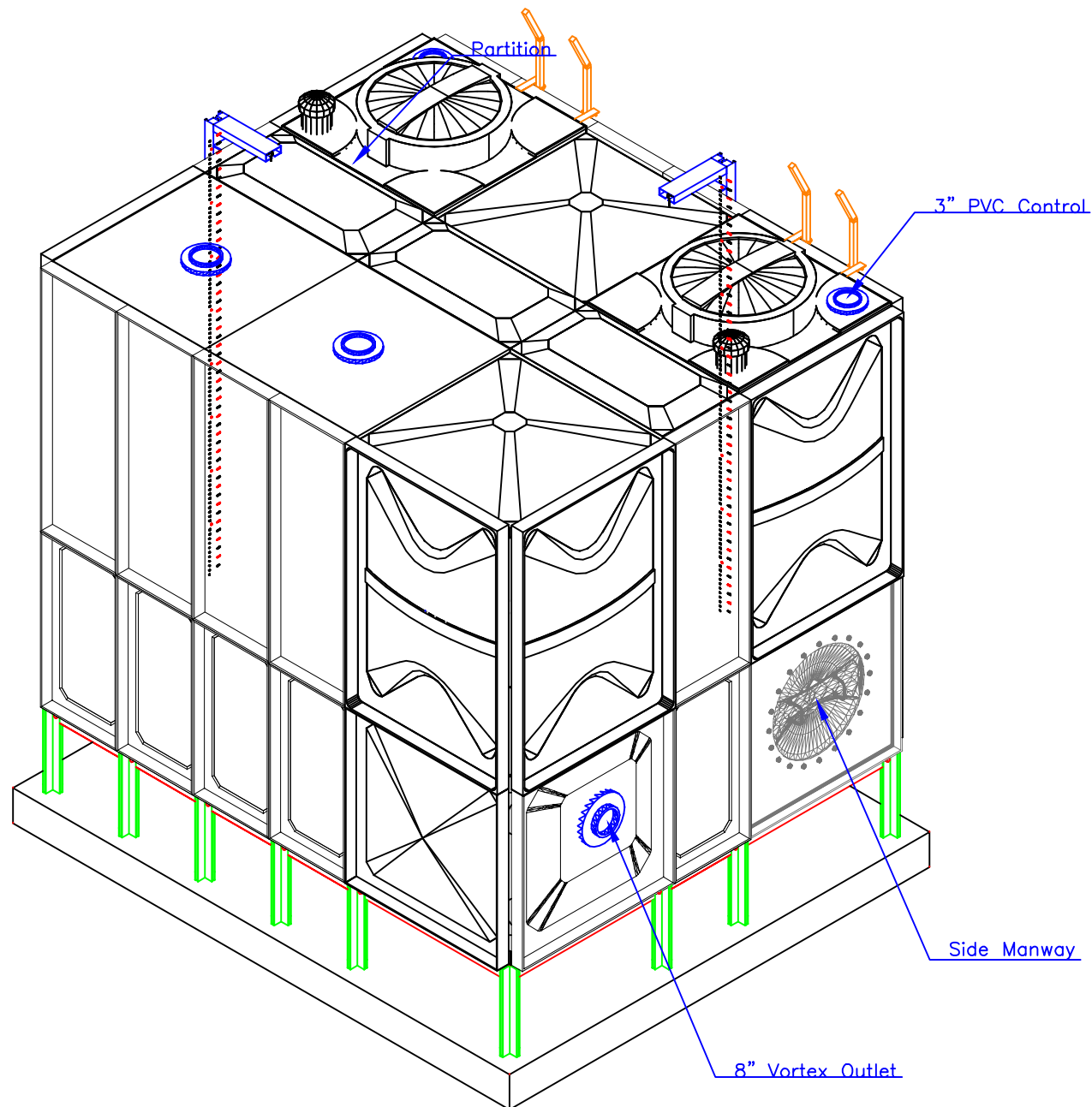
No.	Issue Date	Description
1	18June21	NEW

**FTC** FIBER TECHNOLOGY CORPORATION

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		B -	2	8" Connection Flange
		C Class 150	2	8" Connection Flange
		D Class 150	2	2" Connection Flange
		E PVC	2	3" PVC Connection Flange
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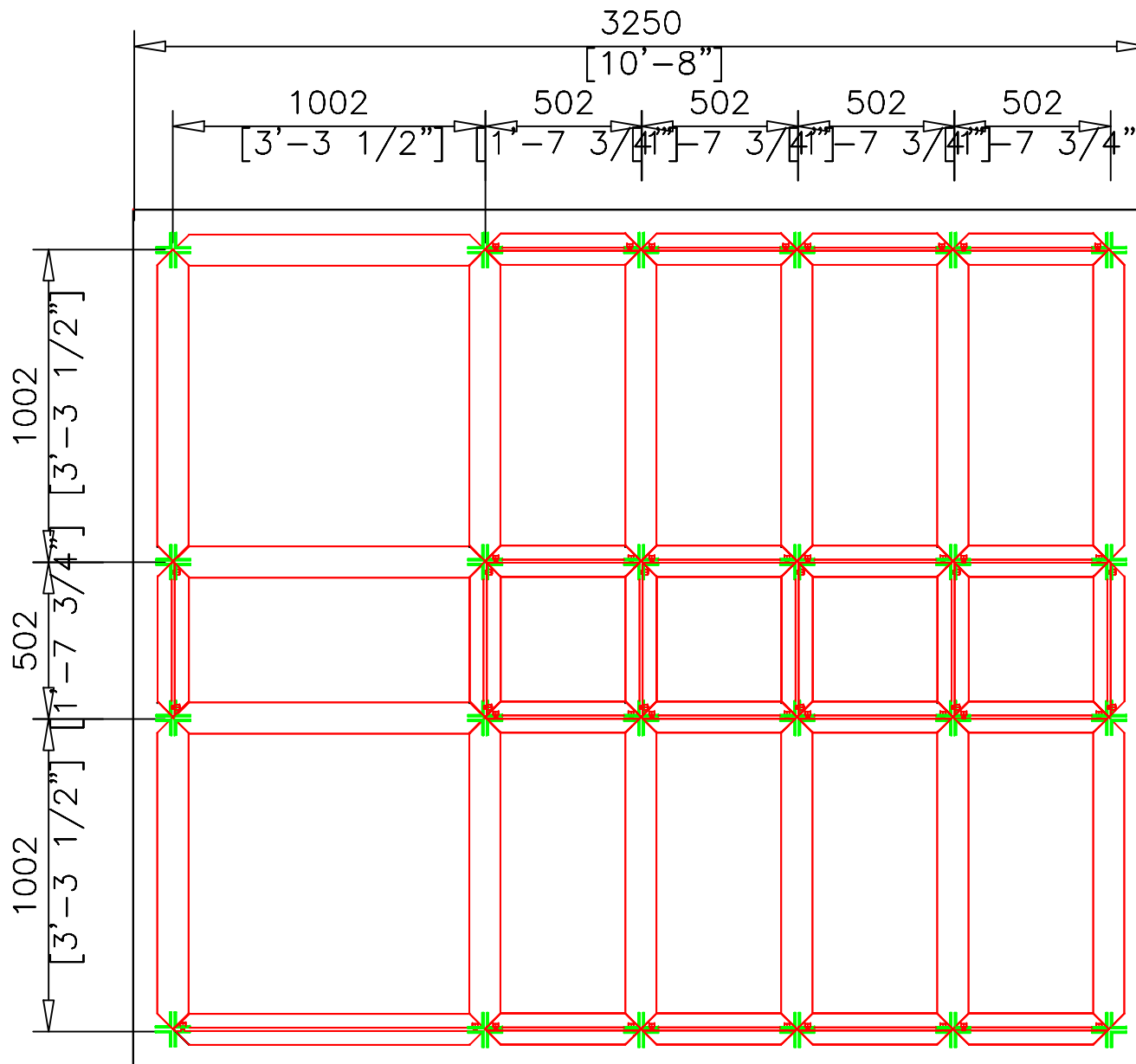
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STEEL FOOTING-PLAN

#### TANK COMPONENTS

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6	Flanges	Class 150	2	4" Connection Flange
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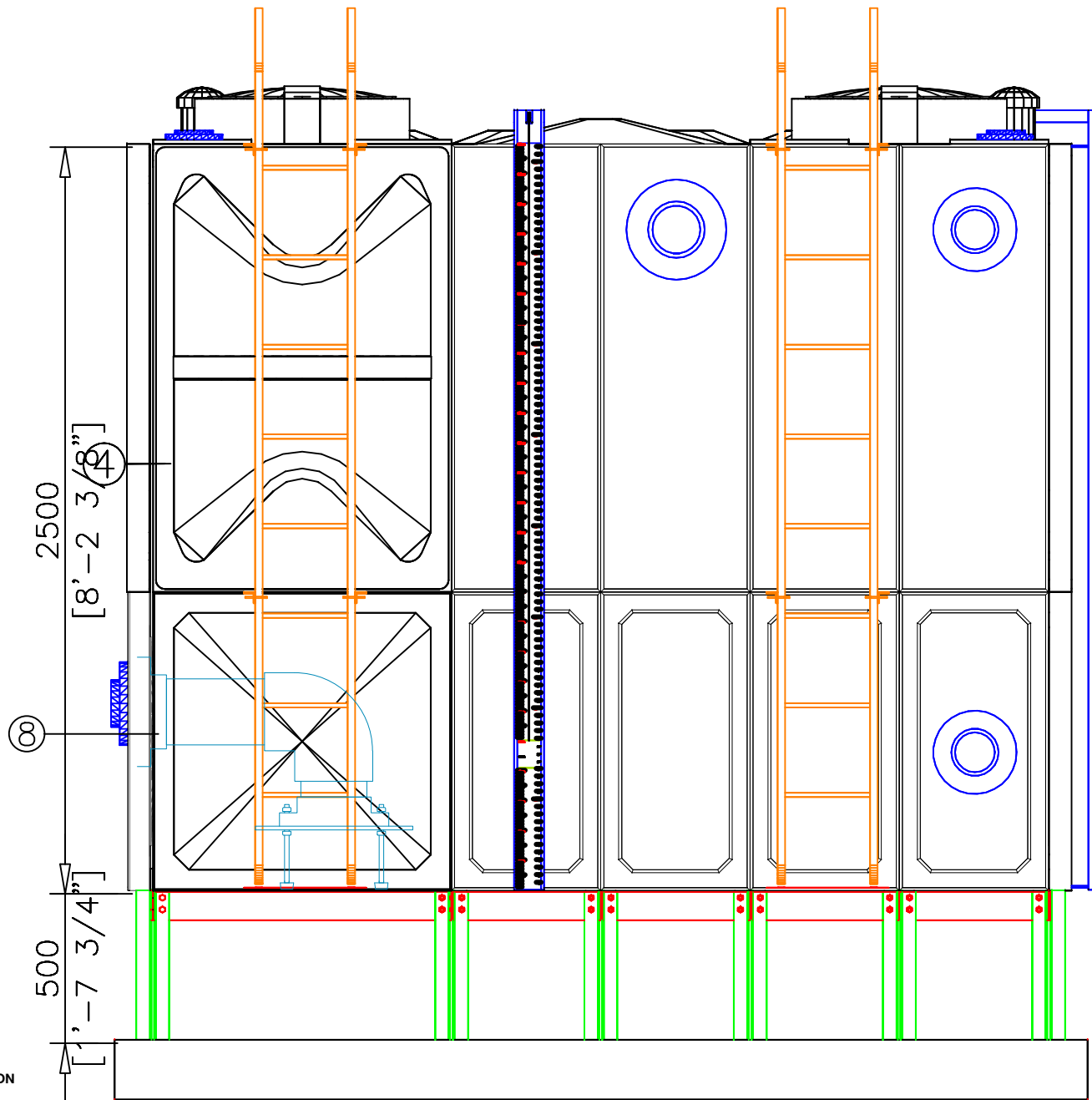
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FRONT ELEVATION

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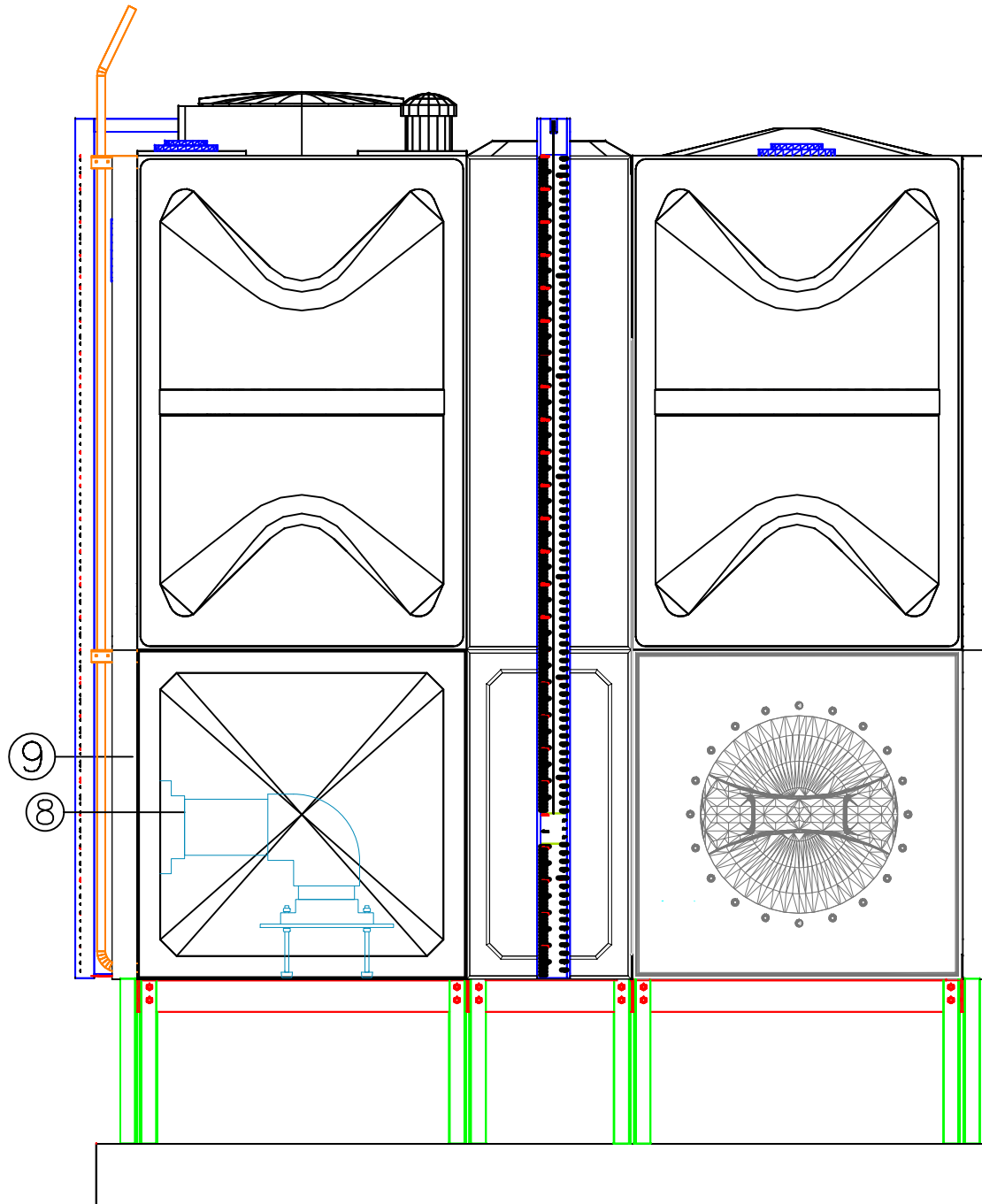
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TANK-RIGHT ELEVATION

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