

3" PVC Control

6" Inlet

Partition

4" Inlet

C&M WLG

Modular Steel Footing

Concrete Slab

8" Overflow

6" Overflow

4" Vortex Outlet

C&M WLG

Side Man Way

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	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	B	1	6" Connection Flange
		C	3	6" Connection Flange
		D	2	2" Connection Flange
		E	2	4" Connection Flange
		F	2	3" PVC Connection Flange
7	Water Level Indicator	C&M	2	Height : 2.5m
8	Vortex Assembly	FRP	2	4" & 6" 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

### GRP Panel Type Water Tanks

Seismic Load Kh=0.3G

<b>Tank size:</b>	11.31+0.32+3.11)x6.54x8.2 ft High. (3.45+0.1+0.95)x2x2.5 m HIGH		
<b>Volume:</b>	22.5 m <sup>3</sup>	5,940 USG	3,500+ / 1,000+ Usable USG
<b>Bolts / Nuts:</b>	S/S A4 - 316		
<b>Insulation:</b>	Non-Insulated		

### Project Name:

Rice Student Center

### Contractor:

Cougar USA

### Consultant:

-

Done By:	JC	Reviewed by:	
Verified by:			-

### Revisions

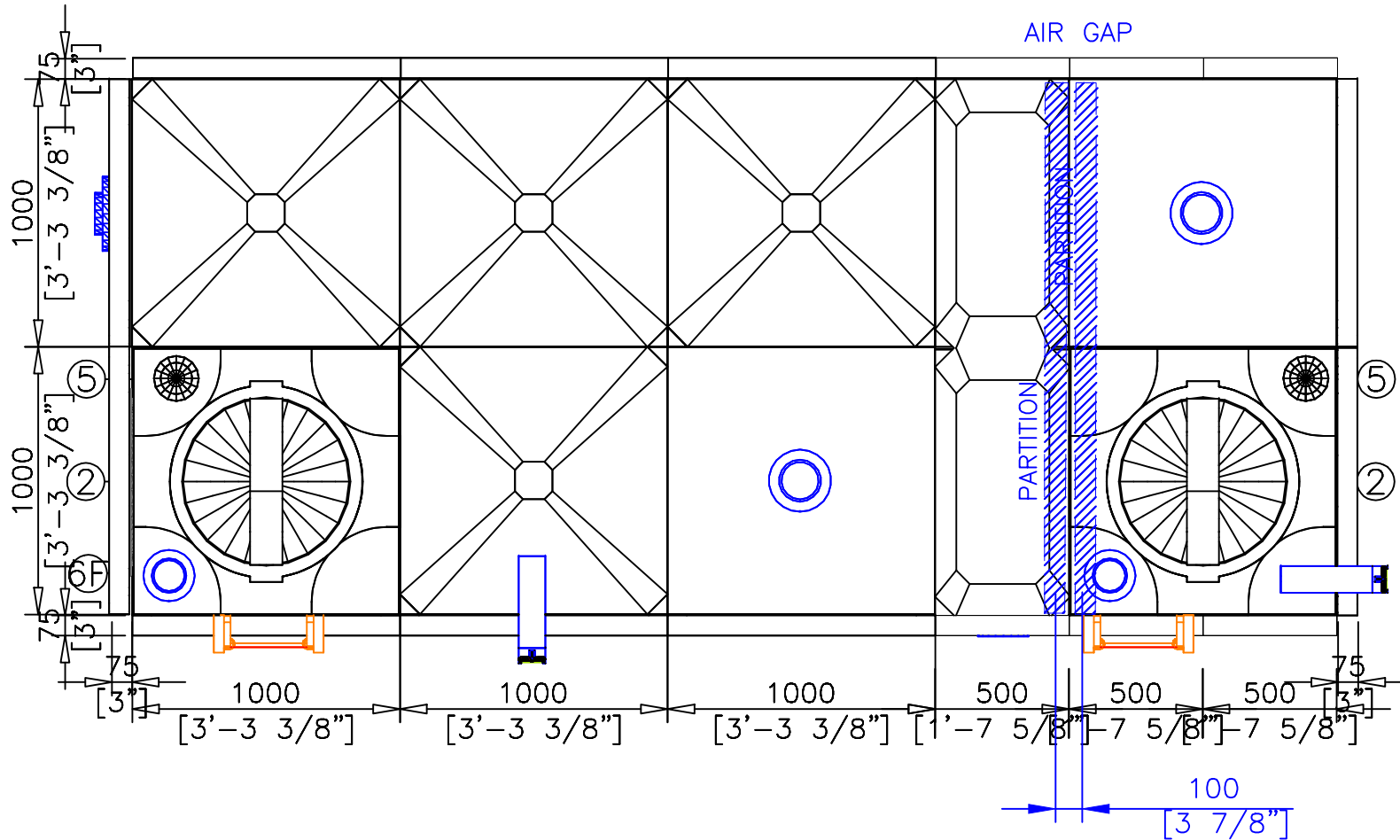
No.	Issue Date	Description
0	30July/21	NEW

**FTC** FIBER TECHNOLOGY CORPORATION

Head Office:  
Lorton, Virginia, United States of America  
Regional Office:  
Jebel Ali Free Zone, Dubai, U.A.E.

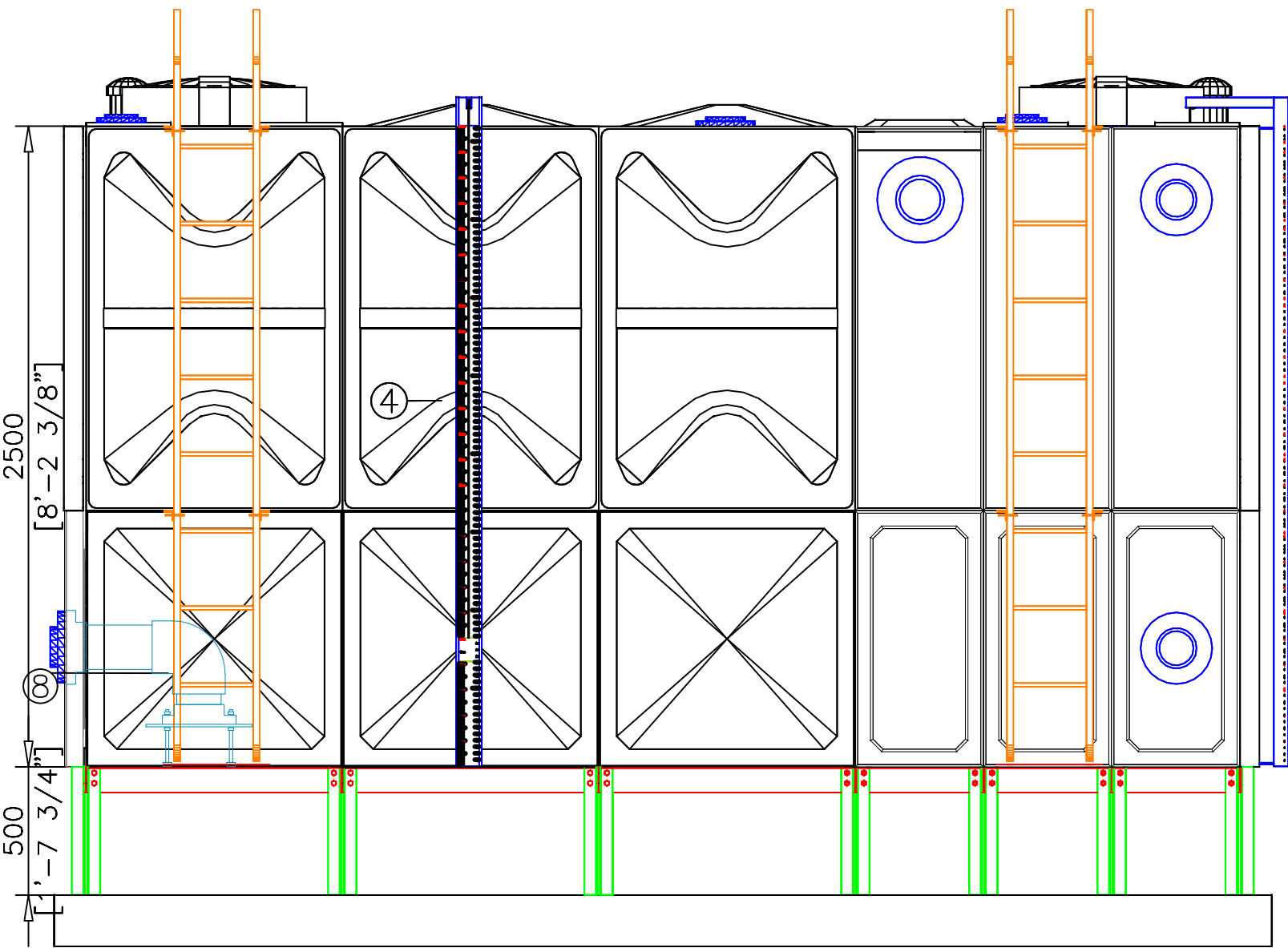






TANK-PLAN

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	SS	2	Height : 2.5m
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7	Water Level Indicator	C&M	2	Height : 2.5m
8	Vortex Assembly	FRP	2	4" & 6" Vortex plate Assembly
9	Side Man Way	FRP	2	-
NOTES:		CAUTIONS		
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GRP Panel Type Water Tanks				
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Bolts / Nuts:	S/S A4 - 316			
Insulation:	Non-Insulated			
Project Name:				
Rice Student Center				
Contractor:				
Cougar USA				
Consultant:				
-				
Done By:		JC	Reviewed by:	
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FRONT ELEVATION

TANK COMPONENTS				
No.	Description	Material	Qty	Remarks
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3	Internal Ladder	SS	2	Height : 2.5m
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9	Side Man Way	FRP	2	-

- NOTES:
- Allow a minimum space of 50 cm all around the tank's foundation.
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Bolts / Nuts:	S/S A4 - 316		
Insulation:	Non-Insulated		

Project Name:

Rice Student Center

Contractor:

Cougar USA

Consultant:

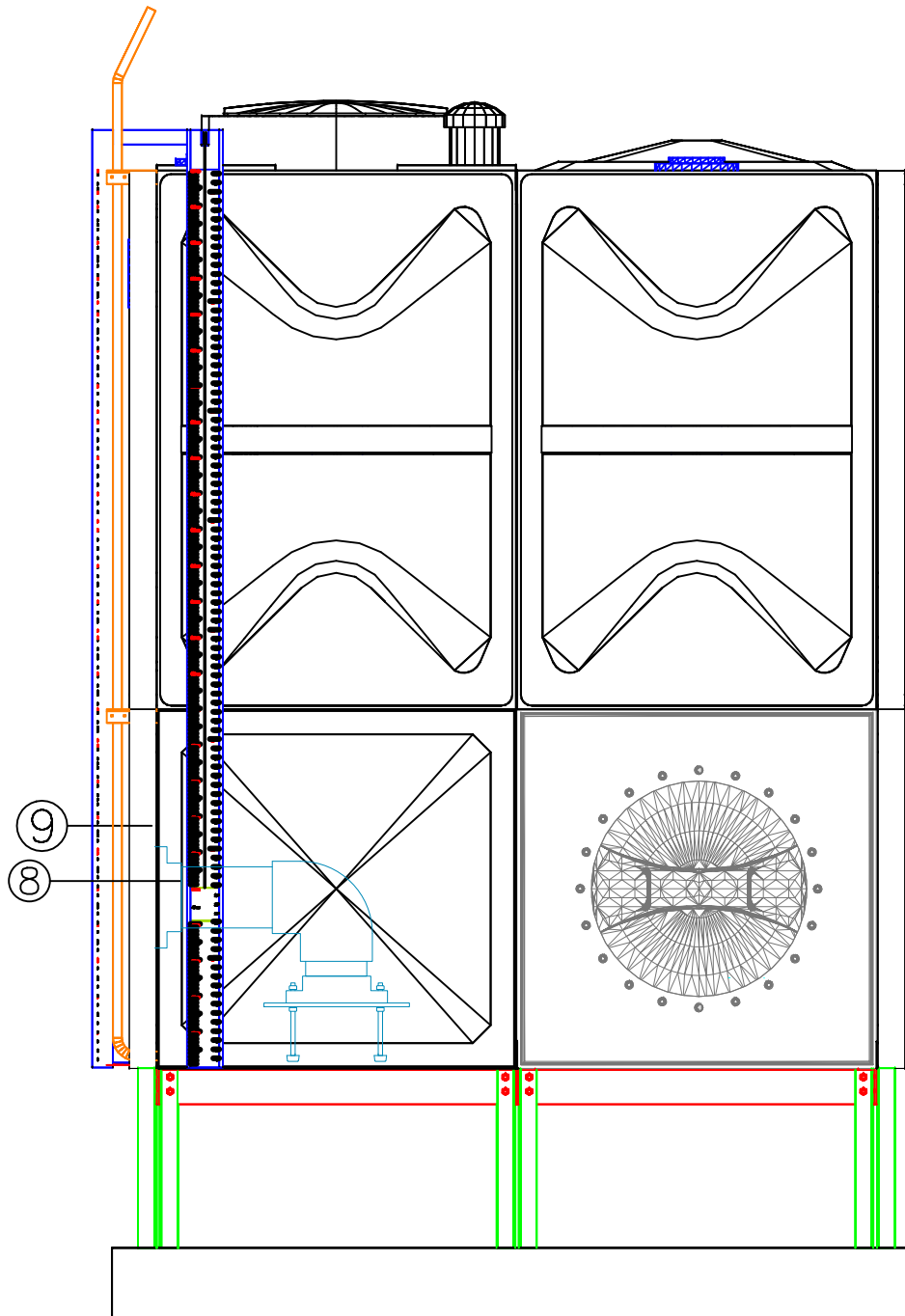
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TANK-RIGHT ELEVATION

# TANK COMPONENTS

No.	Description	Material	Qty	Remarks
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3	Internal Ladder	SS	2	Height : 2.5m
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## CAUTIONS

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(3.45+0.1+0.95)x2x2.5 m HIGH

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

**Insulation:** Non-Insulated

**Project Name:**

Rice Student Center

**Contractor:**

Cougar USA

**Consultant:**

-

Done By: JC

Reviewed by:

Verified by: -

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