

DISCLAIMER

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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-A4	2	Height: 2m	
4	External Ladder	G.I.	2	Height: 2m	
5	Air vent	P.V.C	2	4" Cowl Type Light & Insect Proof	
6	Inlet A B	-	1	4º0 6º2	
7	Outlet A B	-	1	4'0 6'0	
8	Dralnage	-	2	210	
9	Overflow A B	-	1	8'0 6'0	
10	Level Controls	-	2	31/2	
11	Water Level Gage(C&M)		2	Height: 2m	
12	Vortex Plate Assembly	FRP	1	For 4'Ø outlet For 6'Ø outlet	
13	Side Manway	FRP	2		
12	PVC elbow up - Overflow	UPVC	1	6'0 8'0	

Galvanized modular pedestal steel footing

CAUTIONS

0,10,110,110

- Allow a minimum space of 50 cm all around the tank.
 Maximium allowable deviation in concrete slab = +/- 2mm.
- We will not be held liable if the erection of our water tanks are not made in accordance to the technical requirements of concrete slab, steel footing and water tank assembly drawings.
- 4. Overflow shall be minimum twice the volume of inlet.
- Overflow shall flow freely to the ground.

FRP Panel Type Water Tanks

Seismic Load Kh=0.0

١		[2.45+0.10+0.95]x2.5x2m				
	Tank size:	([8.04+1	64+3.12]>	(8.2x6.56')		
	Volume:	12.25+alr+4.75 m ³	3236+alr+1255 USG	2695+air+1045 Imp@		
	Bolts / Nuts:	S/S-A4/316				
	Insulation:	Non-Insulated				

Order No.:

Project Name:

HHD- HEADQUARTERS FIRE TANK REPLACEMENT

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Consultant:

Reference No.: 1036r1	Scale: NTS	Page No.		
Done By: Muhassin	Approved By: JB			
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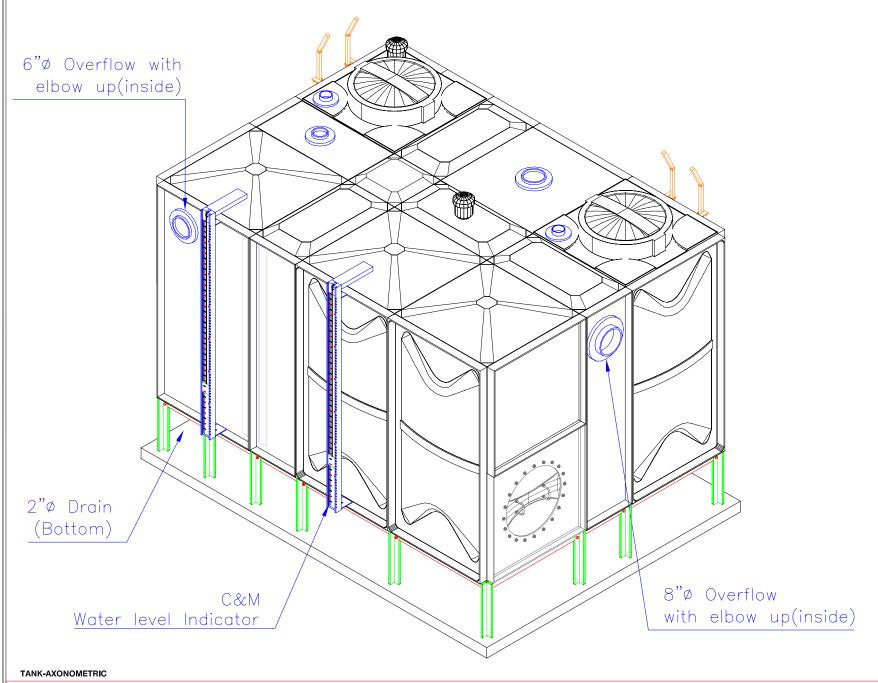
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Regional Office:

Jebel Ali Free Zone, Dubai, U.A.E.



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TANK COMPONENTS						
No.	Description	Material	Qty.	Remarks		
1	Watertank	FRP	1	Colour Gray		
2	Manhole Cover	FRP	2	S/S Hinges & Locks		
3	Internal Ladder	SS-A4	2	Height: 2m		
4	External Ladder	G.I.	2	Height: 2m		
5	Air vent	P.V.C	2	4" Cowl Type Light & Insect Proof		
6	Inlet A B	-	1	410 610		
7	Outlet A B	-	1	4°0 6°0		
8	Dralnage	-	2	210		
9	Overflow A B	-	1	6'0 8'0		
10	Level Controls	-	2	310		
11	Water Level Gage(C&M)		2	Height: 2m		
12	Vortex Plate Assembly	FRP	1	For 4"Ø outlet For 6"Ø outlet		
13	Side Manway	FRP	2			
12	PVC elbow up - Overflow	UPVC	1	6'0 8'0		
	STEE	L FRA	ME			

Galvanized modular pedestal steel footing

CAUTIONS

- Allow a minimum space of 50 cm all around the tank.
- Maximium allowable deviation in concrete slab +/- 2mm.
- We will not be held liable if the erection of our water tanks are not made in accordance to the technical requirements of concrete slab, steel footing and water tank assembly drawings.
- Overflow shall be minimum twice the volume of inlet.
- Overflow shall flow freely to the ground.

FRP Panel Type Water Tanks Seismic Load Kh=0.3G

	[2.45+0.10+0.95]x2.5x2m				
	Tank size:	([8.04+1	64+3.12]>	(8.2x6.56')	
	Volume:	12.25+alr+4.75 m ³	3236+alr+1255 USG	2695+alr+1045 ImpG	
	Bolts / Nuts:	S/S-A4/316			
	Insulation:	Non-Insula	ed		

Order No.:

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HHD-HEADQUARTERS FIRE TANK REPLACEMENT

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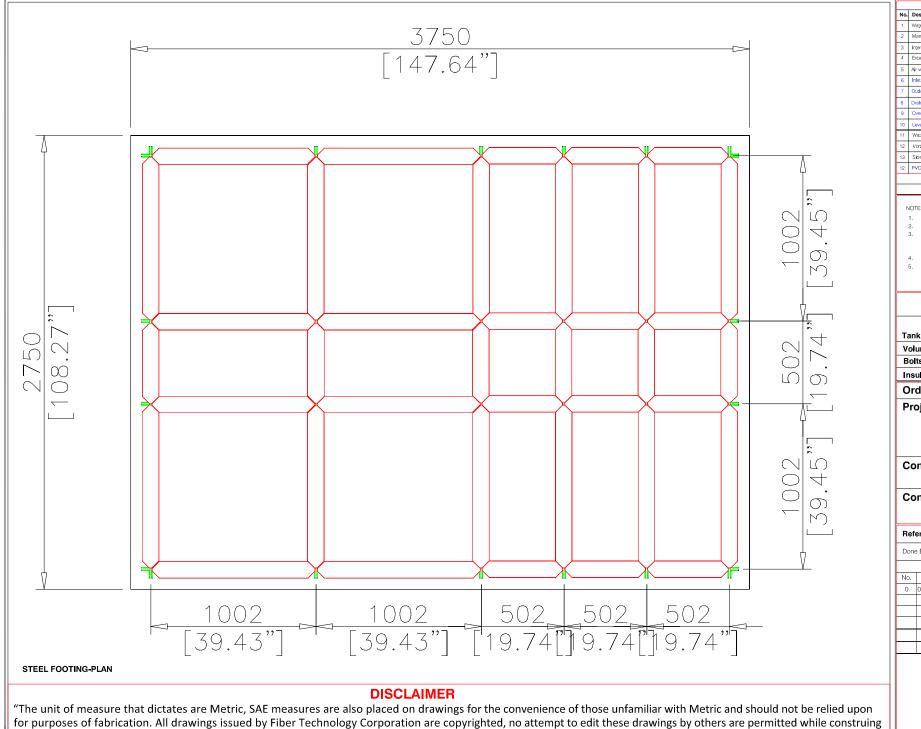
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TANK COMPONENTS No. Description Material Qty Remarks Water tank FRP 2 S/S Hinges & Locks 3 Internal Lacide SS-A4 2 Height: 2m 4 External Ladder G.I. 2 Height: 2m P.V.C 2 4" Cowl Type Light & Insect Proof Overflow PVC elbow up - Overflow STEEL FRAME

Galvanized modular pedestal steel footing

CAUTIONS

- Allow a minimum space of 50 cm all around the tank.
- Maximium allowable deviation in concrete slab +/- 2mm. We will not be held liable if the erection of our water tanks are not
- made in accordance to the technical requirements of concrete slab, steel footing and water tank assembly drawings.
- Overflow shall be minimum twice the volume of inlet.
- Overflow shall flow freely to the ground.

FRP Panel Type Water Tanks

	[2.45+0.10+0.95]x2.5x2m		
Tank size:	([8.04+1.64+3.12]x8.2x6.56')		
Volume:	12.25+alr+4.75 m ³	3236+alr+1255 USG	2695+air+1045 ImpG
Bolts / Nuts:	S/S-A4/316		
Insulation:	Non-Insulated		

Order No.:

Project Name:

HHD-HEADQUARTERS FIRE TANK REPLACEMENT

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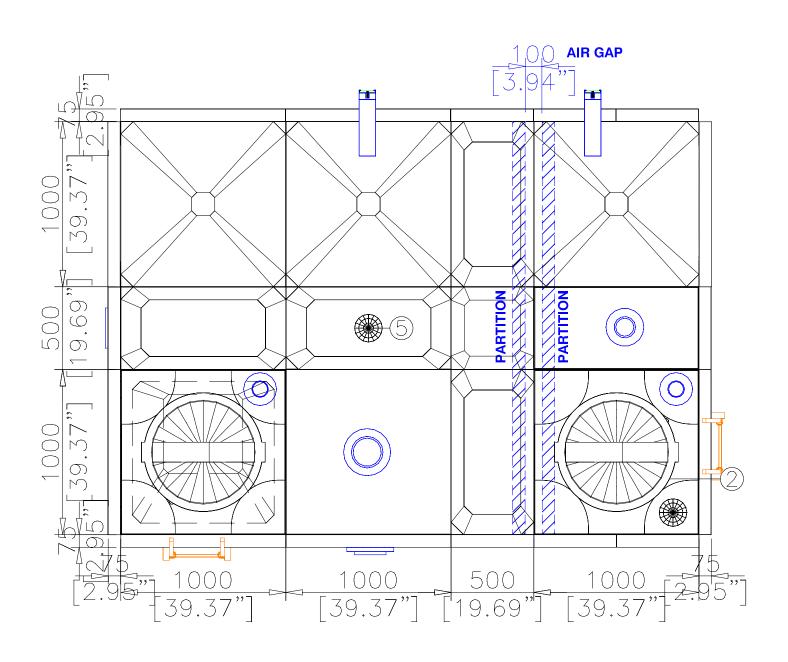
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TANK-PLAN

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	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-A4	2	Height: 2m			
4	External Ladder	G.I.	2	Height: 2m			
5	Air vent	P.V.C	2	4" Cowl Type Light & Insect Proof			
6	Inlet A B	-	1	410 610			
7	Outlet A B	-	1	4°0 6°0			
8	Dralnage	-	2	210			
9	Overflow A B	-	1	6'10 6'10			
10	Level Controls	-	2	31/0			
11	Water Level Gage(C&M)		2	Height: 2m			
12	Vortex Plate Assembly	FRP	1	For 410 outlet For 610 outlet			
13	Side Manway	FRP	2				
12	PVC elbow up - Overflow	UPVC	1	6'10 8'10			
	STEEL FRAME						

Galvanized modular pedestal steel footing

CAUTIONS

- Allow a minimum space of 50 cm all around the tank. Maximium allowable deviation in concrete slab - +/- 2mm.
- We will not be held liable if the erection of our water tanks are not
- slab, steel footing and water tank assembly drawings.
- Overflow shall be minimum twice the volume of inlet.
- Overflow shall flow freely to the ground.

FRP Panel Type Water Tanks Seismic Load Kh=0.3G

	[2.45+0.10+0.95]x2.5x2m				
	Tank size:	([8.04+1	64+3.12]>	(8.2x6.56')	
	Volume:	12.25+alr+4.75 m ³	3236+alr+1255 USG	2695+alr+1045 ImpG	
	Bolts / Nuts:	S/S-A4/316			
	Insulation:	Non-Insula	ted		

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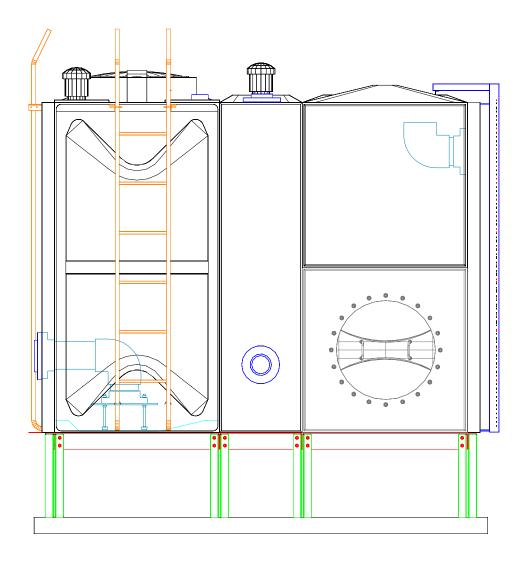
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TANK-RIGHT ELEVATION

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IANK	COMP	ON	ENTS
escription	Material	Qty.	Remarks
atertank	FRP	1	Colour Gray
anhole Cover	FRP	2	S/S Hinges & Locks
ernal Ladder	SS-A4	2	Height: 2m
ternal Ladder	G.I.	2	Height: 2m
vent	P.V.C	2	4" Cowl Type Light & Insect Proof
et A	-	1	4 ¹ Ø 6 ¹ Ø
rtlet A	-	1	4 ¹ / ₀ 6 ¹ / ₀
alnage	-	2	210
vertlow A B	-	1	6'0 8'0
wel Controls	-	2	31/0
ater Level Gage(C&M)		2	Height: 2m
ortex Plate Assembly	FRP	1	For 410 outlet For 610 outlet
de Manway	FRP	2	
/C elbow up - Overflow	UPVC	1	610 810
de	Manway elbow up - Overflow	Manway FRP elbow up - Overflow UPVC	Manway FRP 2

Galvanized modular pedestal steel footing

CAUTIONS

- 1. Allow a minimum space of 50 cm all around the tank.
- Maximium allowable deviation in concrete slab +/- 2mm.
- We will not be held liable if the erection of our water tanks are not made in accordance to the technical requirements of concrete slab, steel footing and water tank assembly drawings.
- Overflow shall be minimum twice the volume of inlet.
- Overflow shall flow freely to the ground.

FRP Panel Type Water Tanks Seismic Load Kh=0.3G

	[2.45+0.10+0.95]x2.5x2m					
	Tank size:	([8.04+1	64+3.12]>	(8.2x6.56')		
	Volume:	12.25+alr+4.75 m ³	3236+alr+1255 USG	2695+alr+1045 ImpG		
	Bolts / Nuts:	S/S-A4/316				
	Insulation:	Non-Insula	ed			

Order No.:

Project Name:

HHD- HEADQUARTERS FIRE TANK REPLACEMENT

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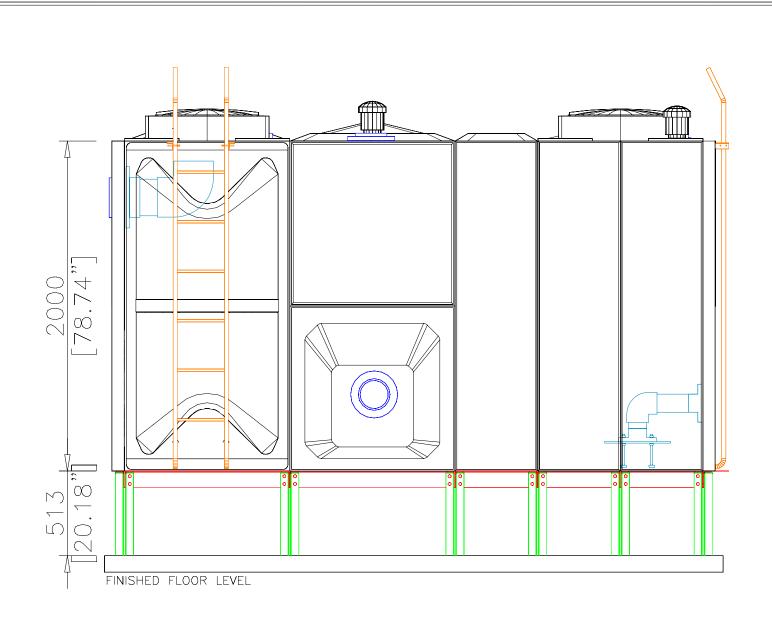
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FRONT ELEVATION

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I	TANK COMPONENTS							
ľ	No.	Description	Material	Qty.	Remarks			
ľ	1	Watertank	FRP	1	Colour Gray			
ľ	2	Manhole Cover	FRP	2	S/S HInges & Locks			
ľ	3	Internal Ladder	SS-A4	2	Height: 2m			
ľ	4	External Ladder	G.I.	2	Height: 2m			
ľ	5	Air vent	P.V.C	2	4" Cowl Type Light & Insect Proof			
ľ	6	Inlet A B	-	1	4"Ø 6"Ø			
ľ	7	Outlet A B	-	1	4"Ø 6°Ø			
ľ	8	Dralnage	-	2	210			
	9	Overflow A B	-	1	610 810			
ľ	10	Level Controls	-	2	31/0			
ľ	11	Water Level Gage(C&M)		2	Height: 2m			
ľ	12	Vortex Plate Assembly	FRP	1	For 410 outlet For 610 outlet			
ľ	13	Side Manway	FRP	2				
ľ	12	PVC elbow up - Overflow	UPVC	1	6'10 8'10			
ľ	STEEL FRAME							

Galvanized modular pedestal steel footing

CAUTIONS

- Allow a minimum space of 50 cm all around the tank. Maximium allowable deviation in concrete slab - +/- 2mm.
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- Overflow shall be minimum twice the volume of inlet.
- Overflow shall flow freely to the ground.

FRP Panel Type Water Tanks Seismic Load Kh=0.3G

		[2.45+0.10+0.95]x2.5x2m				
	Tank size:	([8.04+1	64+3.12]>	(8.2x6.56)		
	Volume:	12.25+alr+4.75 m ³	3236+alr+1255 USG	2695+alr+1045 ImpG		
	Bolts / Nuts:	S/S-A4/316				
	Insulation:	Non-Insulat	ed			

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