

6"Ø Overflow with
elbow up(inside)

2"Ø Drain
(Bottom)

C&M
Water level Indicator

8"Ø Overflow
with elbow up(inside)

TANK-AXONOMETRIC

DISCLAIMER

"The unit of measure that dictates are Metric, SAE measures are also placed on drawings for the convenience of those unfamiliar with Metric and should not be relied upon for purposes of fabrication. All drawings issued by Fiber Technology Corporation are copyrighted, no attempt to edit these drawings by others are permitted while construing it was the original as issued by Fiber Technology Corporation"

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 #10
7	Outlet	A/B	-	1 #10
8	Drainage	-	2	#10
9	Overflow	A/B	-	1 #10
10	Level Controls	-	2	#10
11	Water Level Gage(C&M)	-	2	Height : 2m
12	Vortex Plate Assembly	FRP	1	For #10 outlet
13	Site Manway	FRP	2	For #10 outlet
12	PVC elbow up - Overflow	UPVC	1	#10

STEEL FRAME

Galvanized modular pedestal steel footing

NOTES:

1. Allow a minimum space of 50 cm all around the tank.
2. Maximum allowable deviation in concrete slab = ± 2 mm.
3. 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.
5. Overflow shall flow freely to the ground.

CAUTIONS

FRP Panel Type Water Tanks

Seismic Load $K_1=0.3G$

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

Order No.:

Project Name:

HHD- HEADQUARTERS
FIRE TANK REPLACEMENT

Contractor:

-

Consultant:

Reference No.: 1036r1

Scale: NTS

Page No.

Done By: Muhasin

Approved By: JB

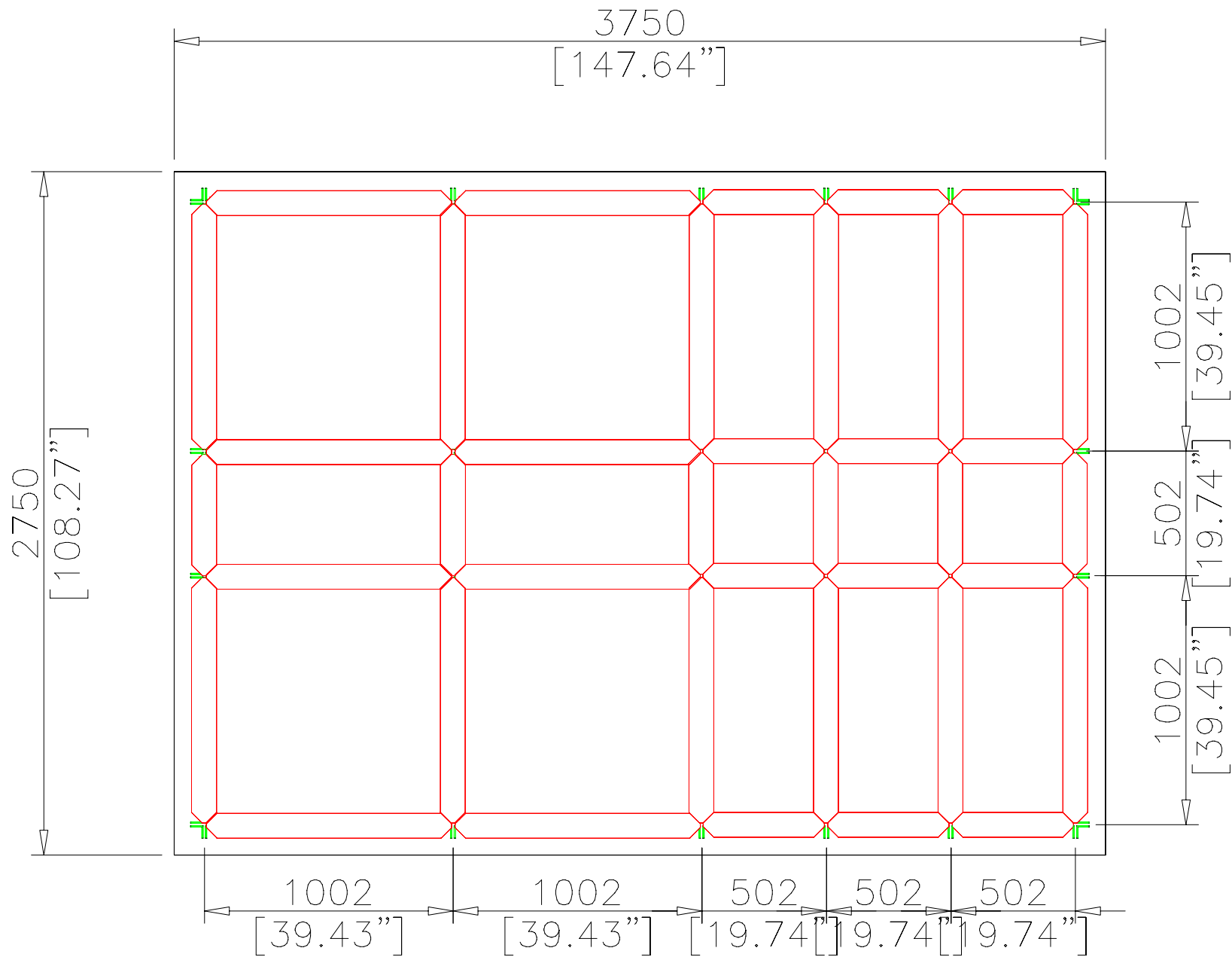
Revisions

No.	Date	Description
0	06 Dec'20	New

FTC | FIBER TECHNOLOGY CORPORATION

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

Copyright Fiber Technology Corporation



STEEL FOOTING-PLAN

DISCLAIMER

“The unit of measure that dictates are Metric, SAE measures are also placed on drawings for the convenience of those unfamiliar with Metric and should not be relied upon for purposes of fabrication. All drawings issued by Fiber Technology Corporation are copyrighted, no attempt to edit these drawings by others are permitted while construing it was the original as issued by Fiber Technology Corporation”

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-M4	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 4"Ø
7	Outlet	A B	- 1 4"Ø
8	Drainage	-	2 2"Ø
9	Overflow	A B	- 1 4"Ø
10	Level Controls	-	2 3"Ø
11	Water Level Gage(C&M)		2 Height : 2m
12	Vortex Plate Assembly	FRP	1 For 4"Ø outlet
13	Site Manway	FRP	2 For 6"Ø outlet
14	PVC elbow up - Overflow	UPVC	1 4"Ø

STEEL FRAME	
Galvanized modular pedestal steel footing	

CAUTIONS	
NOTES:	
1. Allow a minimum space of 50 cm all around the tank.	
2. Maximum allowable deviation in concrete slab = +/- 2mm.	
3. 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.	
5. Overflow shall flow freely to the ground.	

FRP Panel Type Water Tanks	
Seismic Load Kh=0.3G	
Tank size:	[2.45+0.10+0.95]x2.5x2m ([8.04+1.64+3.12]x8.2x6.56')
Volume:	12.25+alr+4.753236+alr+12552695+alr+1045 m ³ USG ImpG
Bolts / Nuts:	S/S-A4/316
Insulation:	Non-Insulated

Order No.:	
Project Name:	
	HHD- HEADQUARTERS FIRE TANK REPLACEMENT
Contractor:	-
Consultant:	

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

Revisions		
No.	Date	Description
0	06 Dec'20	New

FTC

FIBER TECHNOLOGY CORPORATION

Head Office:
Lorton, Virginia, United States of America

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

Copyright Fiber Technology Corporation

