

Modular Steel
Footings

Concrete Slab

Vortex Outlet

Overflow

Side Man Way

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 : 2m |
| 4 | External Ladder | G.I. | 1 | Height : 2m |
| 5 | Air vent | PVC | 1 | Light & Insect Proof 4" Cow Type |
| 6 | Inlet | | 1 | PVC or FF Steel Threaded Flange |
| 7 | Outlet | | 1 | PVC or FF Steel Threaded Flange |
| 8 | Drainage | | 1 | PVC or FF Steel Threaded Flange |
| 9 | Overflow | | 1 | PVC or FF Steel Threaded Flange |
| 10 | Control | | 1 | PVC or FF Steel Threaded Flange |
| 11 | Water Level Indicator | GRP/ACRYLIC | 1 | Height : 2m |
| 12 | Vortex Assembly | FRP | 1 | - |
| 13 | Side Man Way | 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 Kh=0.3G

| | | | |
|---------------|--------------------------|-----------|-------------|
| Tank size: | 6.56x 8.2x 6.56 ft High. | | |
| | 2x2.5x2 m HIGH | | |
| Volume: | 10 m ³ | 2641. USG | Usable 2037 |
| Bolts / Nuts: | S/S A4 - 316 | | |
| Insulation: | Non-Insulated | | |

Project Name:

Contractor:

Cougar USA

Consultant:

| | | | |
|----------|----|--------------|---|
| Done By: | JC | Reviewed by: | |
| | | Verified by: | - |

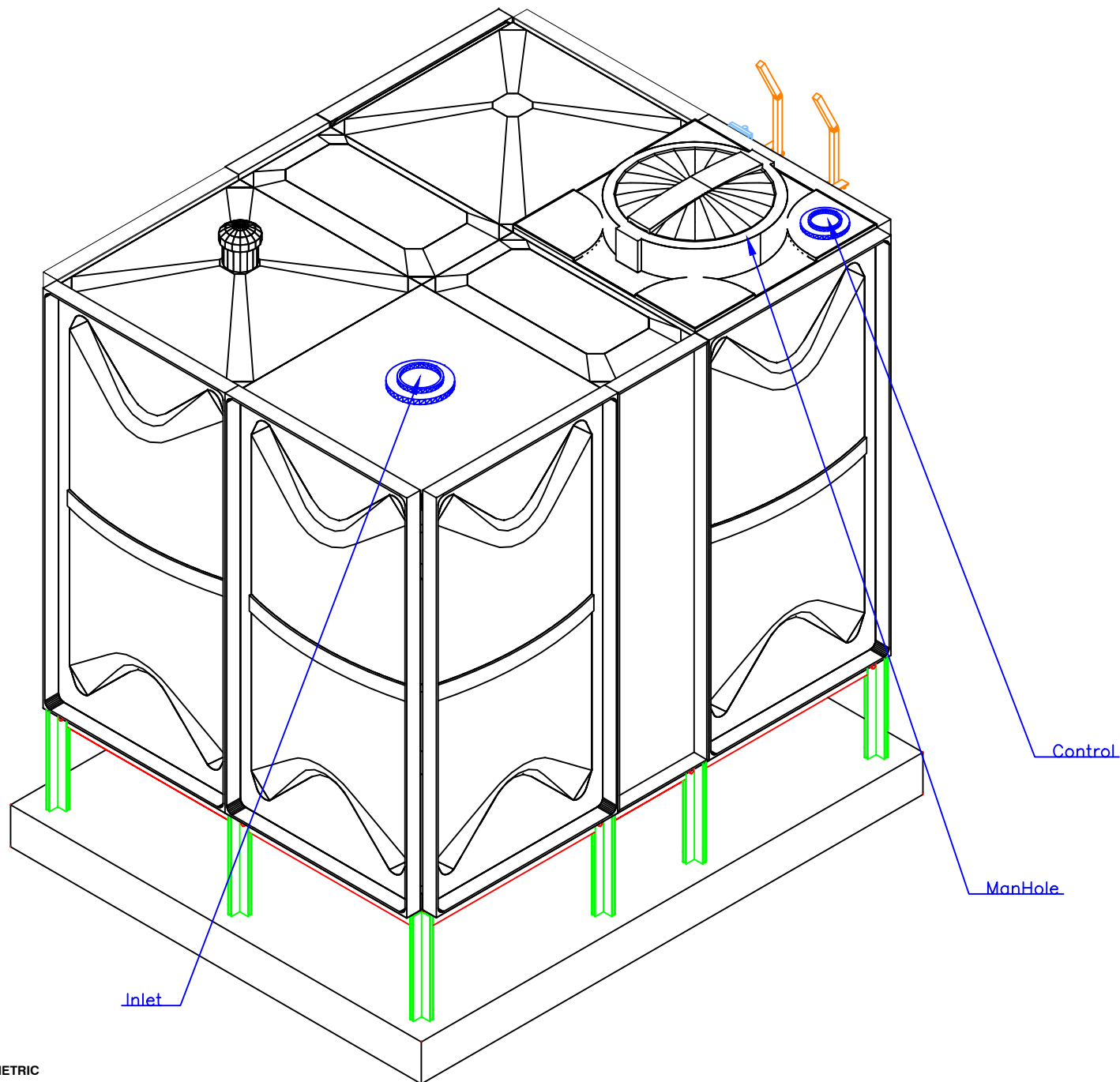
Revisions

| No. | Issue Date | Description |
|-----|------------|-------------|
| 0 | - | 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



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 : 2m |
| 4 | External Ladder | G.I. | 1 | Height : 2m |
| 5 | Air vent | PVC | 1 | Light & Insect Proof 4" Cowl Type |
| 6 | Inlet | | 1 | PVC or FF Steel Threaded Flange |
| 7 | Outlet | | 1 | PVC or FF Steel Threaded Flange |
| 8 | Drainage | | 1 | PVC or FF Steel Threaded Flange |
| 9 | Overflow | | 1 | PVC or FF Steel Threaded Flange |
| 10 | Control | | 1 | PVC or FF Steel Threaded Flange |
| 11 | Water Level Indicator | GRP/ALUMINUM | 1 | Height : 2m |
| 12 | Vortex Assembly | FRP | 1 | - |
| 13 | Side Man Way | FRP | 1 | - |

CAUTIONS

NOTES:

1. Allow a minimum space of 50 cm all around the tank's foundation.
2. Maximum allowable deflection in concrete foundation = ± 2 mm.
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.

GRP Panel Type Water Tanks

Seismic Load $K_h=0.3G$

| | | | |
|----------------------|--|--------------|---------------|
| Tank size: | 6.56x 8.2x 6.56 ft High. 2x2.5x2 m HIGH | | |
| Volume: | 10 m ³ | 2641. USG | Usable 203 |
| Bolts / Nuts: | S/S A4 - 316 | | |
| Insulation: | Non-Insulated | | |

Project Name:

—

Contractor:

Cougar USA

Consultant:

| | | | |
|----------|----|--------------|---|
| Done By: | JC | Reviewed by: | |
| | | Verified by: | - |

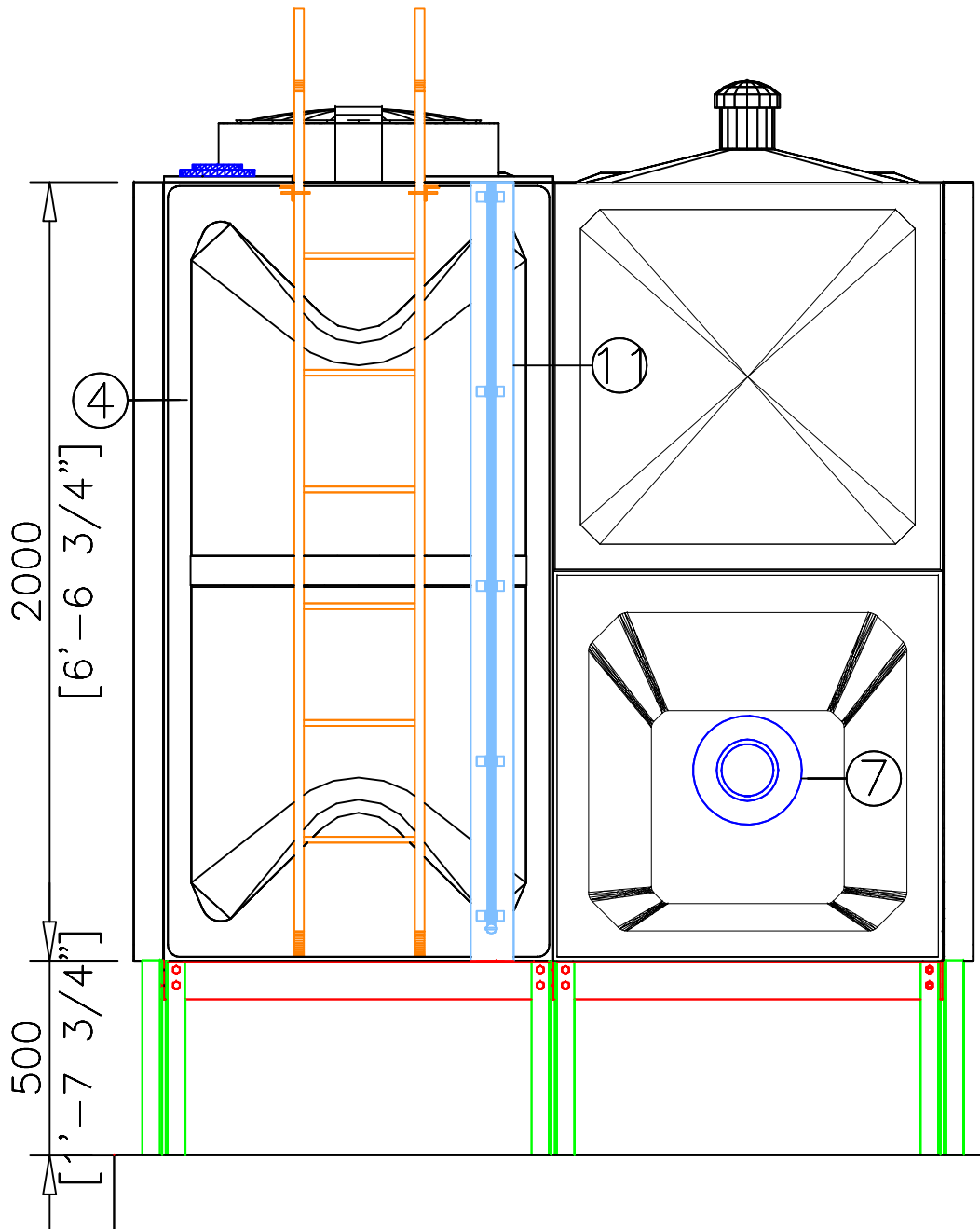
Revisions

| No. | Issue Date | Description |
|-----|------------|-------------|
| 0 | - | NEW |
| | | |
| | | |
| | | |
| | | |
| | | |

FTC | **FIBER TECHNOLOGY CORPORATION**

Head Office:
Lorton, Virginia, United States of America

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



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 : 2m |
| 4 | External Ladder | G.I. | 1 | Height : 2m |
| 5 | Air vent | PVC | 1 | Light & Insect Proof 4" Cow Type |
| 6 | Inlet | | 1 | PVC or FF Steel Threaded Flange |
| 7 | Outlet | | 1 | PVC or FF Steel Threaded Flange |
| 8 | Drainage | | 1 | PVC or FF Steel Threaded Flange |
| 9 | Overflow | | 1 | PVC or FF Steel Threaded Flange |
| 10 | Control | | 1 | PVC or FF Steel Threaded Flange |
| 11 | Water Level Indicator | GRP/ACRYLIC | 1 | Height : 2m |
| 12 | Vortex Assembly | FRP | 1 | - |
| 13 | Side Man Way | FRP | 1 | - |

NOTES:

- Allow a minimum space of 50 cm all around the tank's foundation.
- Maximum allowable deflection in concrete foundation = +/- 2mm.
- For sizes of items 6, 7, 8, 9 & 10, please refer to catalogue.
- 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.
- Overflow shall be minimum twice the volume of inlet.
- Overflow shall flow freely to the ground.
- All tanks shall be electrically grounded.

CAUTIONS

GRP Panel Type Water Tanks

Seismic Load Kh=0.3G

| | | | |
|----------------------|--|-----------|-------------|
| Tank size: | 6.56x 8.2x 6.56 ft High. 2x2.5x2 m HIGH | | |
| Volume: | 10 m ³ | 2641. USG | Usable 2037 |
| Bolts / Nuts: | S/S A4 - 316 | | |
| Insulation: | Non-Insulated | | |

Project Name:

Contractor:

Cougar USA

Consultant:

| | | | |
|--------------|----|--------------|---|
| Done By: | JC | Reviewed by: | |
| Verified by: | | | - |

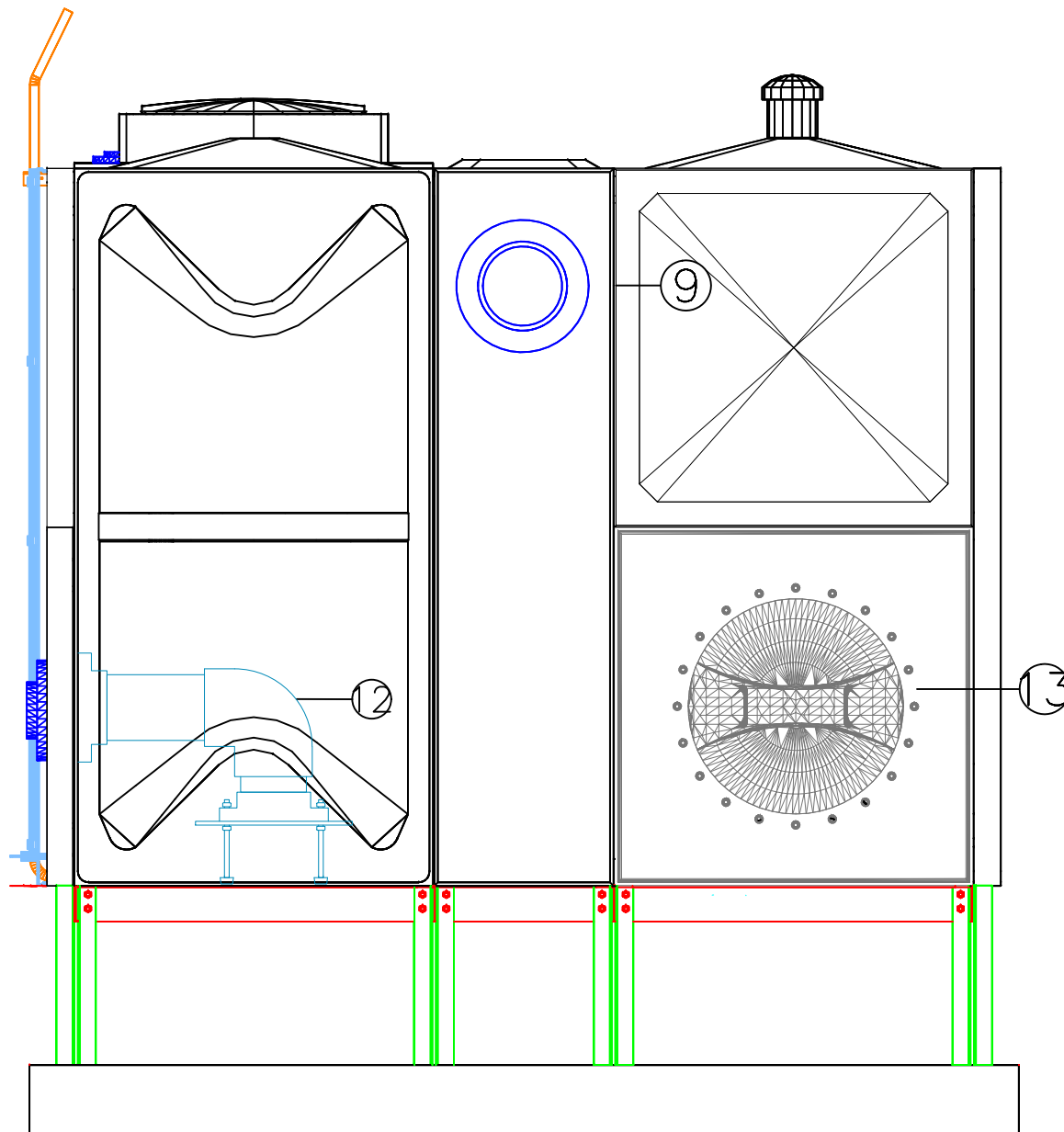
Revisions

| No. | Issue Date | Description |
|-----|------------|-------------|
| 0 | - | NEW |
| | | |
| | | |
| | | |
| | | |

FTC FIBER TECHNOLOGY CORPORATION

Head Office:
Lorton, Virginia, United States of America

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



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 : 2m |
| 4 | External Ladder | G.I. | 1 | Height : 2m |
| 5 | Air vent | PVC | 1 | Light & Insect Proof 4" Cow Type |
| 6 | Inlet | | 1 | PVC or FF Steel Threaded Flange |
| 7 | Outlet | | 1 | PVC or FF Steel Threaded Flange |
| 8 | Drainage | | 1 | PVC or FF Steel Threaded Flange |
| 9 | Overflow | | 1 | PVC or FF Steel Threaded Flange |
| 10 | Control | | 1 | PVC or FF Steel Threaded Flange |
| 11 | Water Level Indicator | GRP/ACRYLIC | 1 | Height : 2m |
| 12 | Vortex Assembly | FRP | 1 | - |
| 13 | Side Man Way | 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 Kh=0.3G

| | | | |
|----------------------|--|-----------|-------------|
| Tank size: | 6.56x 8.2x 6.56 ft High. 2x2.5x2 m HIGH | | |
| Volume: | 10 m ³ | 2641. USG | Usable 2637 |
| Bolts / Nuts: | S/S A4 - 316 | | |
| Insulation: | Non-Insulated | | |

Project Name:

-

Contractor:

Cougar USA

Consultant:

-

| | | | |
|----------|----|--------------|---|
| Done By: | JC | Reviewed by: | |
| | | Verified by: | - |

Revisions

| No. | Issue Date | Description |
|-----|------------|-------------|
| 0 | - | NEW |
| | | |
| | | |
| | | |
| | | |

FTC FIBER TECHNOLOGY CORPORATION

Head Office:
Lorton, Virginia, United States of America

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