

**World Vision International**

**World Vision Afghanistan**

**Faryab Zonal Office**

WASH Sector

DAWAM WASH Project

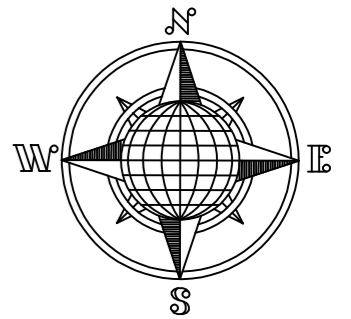
Drawing and Estimation of Qazi Bay Qala CHC WASH Infrastructures

**Project Name: Qazi Bay Qala CHC Rehabilitation**

Number of Beneficiaries: 300 OPD/Day

Number of Health Care Staff: 22 Persons

# Site Plan



Aug 29, 2024

*Ansar Kazimi*  
box SIGN 18L932W6-4W2V3238

*Qyama Hewadmal*  
box SIGN 4YWZ88SQ-4W2V3238

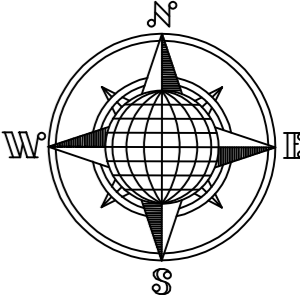
Sep 1, 2024

*Wuy*  
box SIGN 4W2V3238-18L932W6

Sep 1, 2024

SURVEYED BY	Eng. Ansar Kazimi	CHECKED BY	WASH Coordinator	SCALE		SHEET NO.	1/7	PROVINCE	Faryab	PROJECT NAME:	Qazi Bay Qala Health Center
DESIGNED BY	Eng. Ansar Kazimi	REVIEWED BY	WASH Advisor	DATE				DISTRICT	Dawlat Abad	DRAWING TITLE:	Site Plan
DRAWN BY	Eng. Ansar Kazimi	APPROVED BY	Project Director/Manager	DRAWING NO.				Health Center	Qazi Bay Qala CHC		

Site Plan



Legends:

- ①

Existing Adminisration and Nutrition Building
- ②

Existing Emergency Ward Building
- ③

Existing Conference Room and Delivery Ward Building
- ④

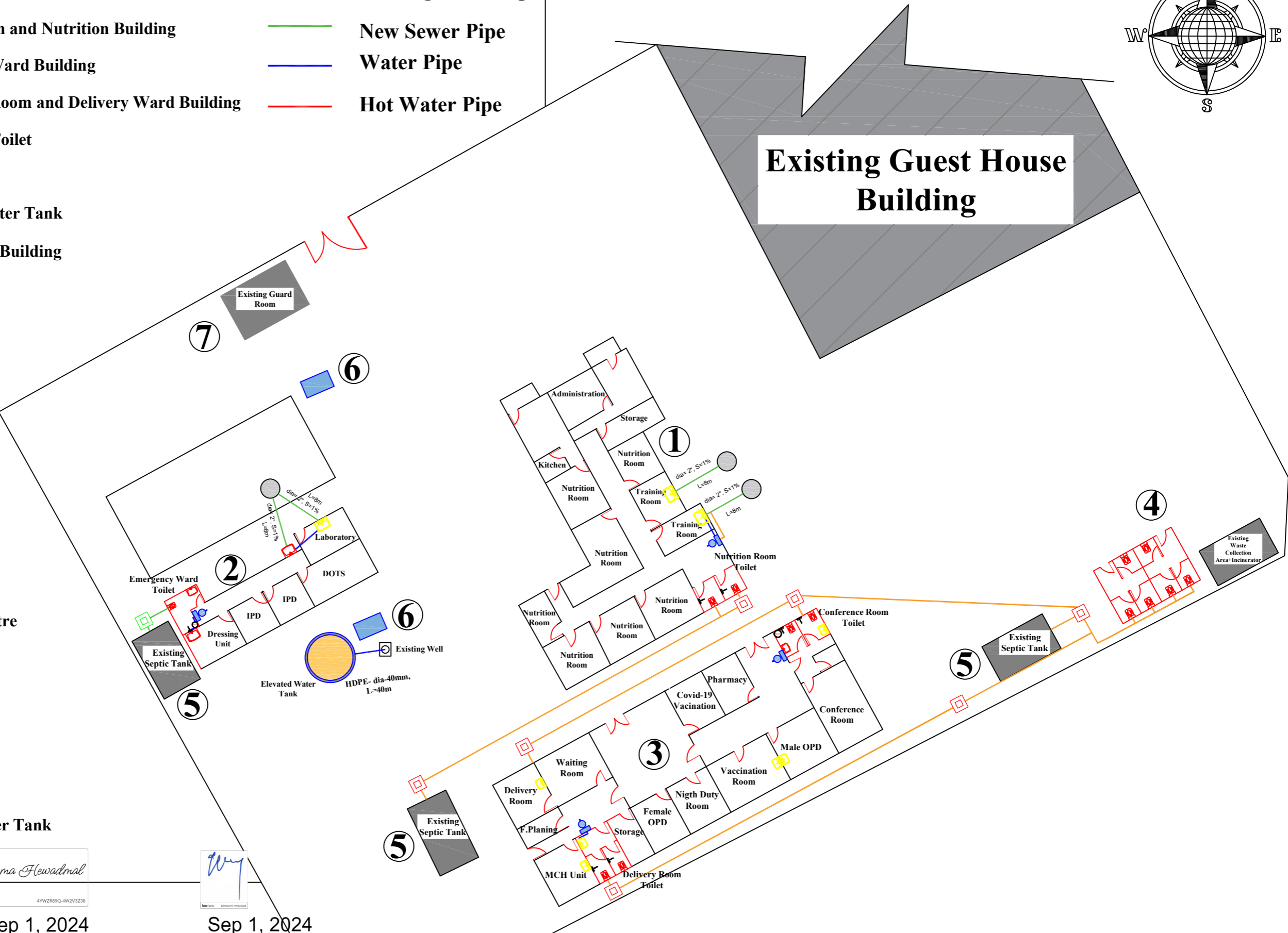
Existing BNFs Flush Toilet
- ⑤

Existing Septic Tank
- ⑥

Existing Damaged Water Tank
- ⑦

Existing Guard Room Building
- Existing Sewer Pipe
- New Sewer Pipe
- Water Pipe
- Hot Water Pipe


- New Soak Pit
- New Manhole
- Existing Manhole
- Existing Wash Basin
- New Wash Basin
- Toilet
- RO System with 80 Litre Reservior
- Shower
- Boiler
- 10 M3 Elevated Water Tank



Aug 29, 2024

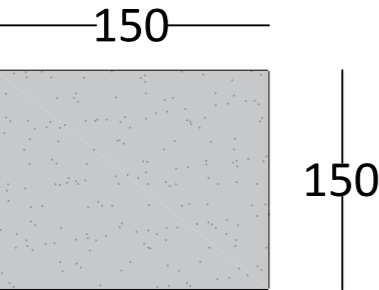
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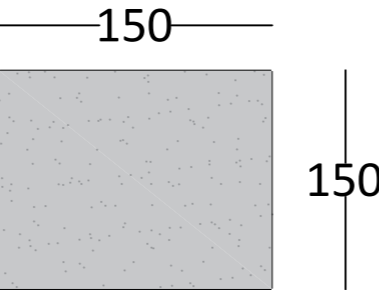
	SURVEYED BY	Eng. Ansar Kazimi	CHECKED BY	WASH Coordinator	SCALE		<div>SHEET NO.<div>27</div></div>	PROVINCE	Faryab	PROJECT NAME: <i>Qazi Bay Qala Health Center</i>
	DESIGNED BY	Eng. Ansar Kazimi	REVIEWED BY	WASH Advisor	DATE			DISTRICT	Dawlat Abad	
	DRAWN BY	Eng. Ansar Kazimi	APPROVED BY	Project Director/Manager	DRAWING NO.			Health Center	<i>Qazi Bay Qala CHC</i>	DRAWING TITLE: Site Plan

# Sewer/ Water Pipe Treanch+Manhole+Soak Pit Drawing

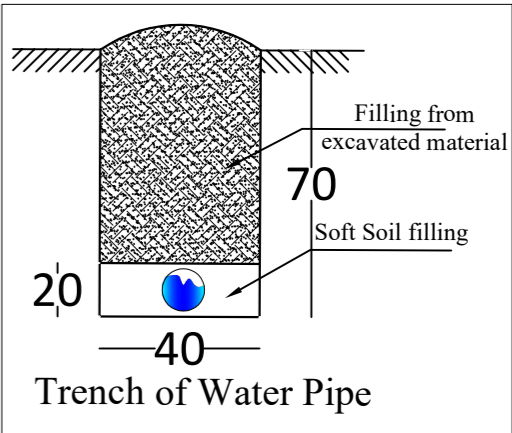
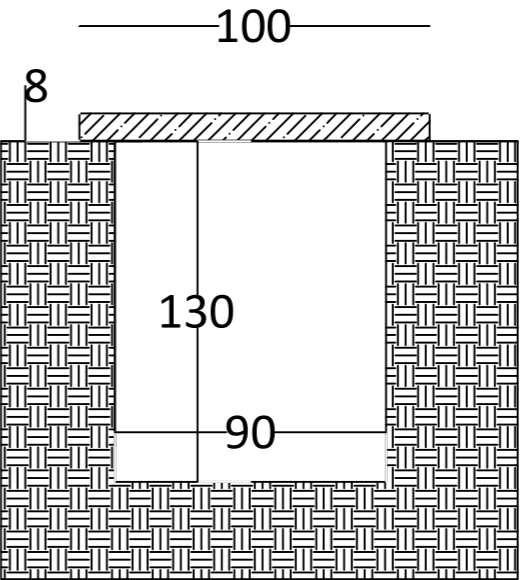
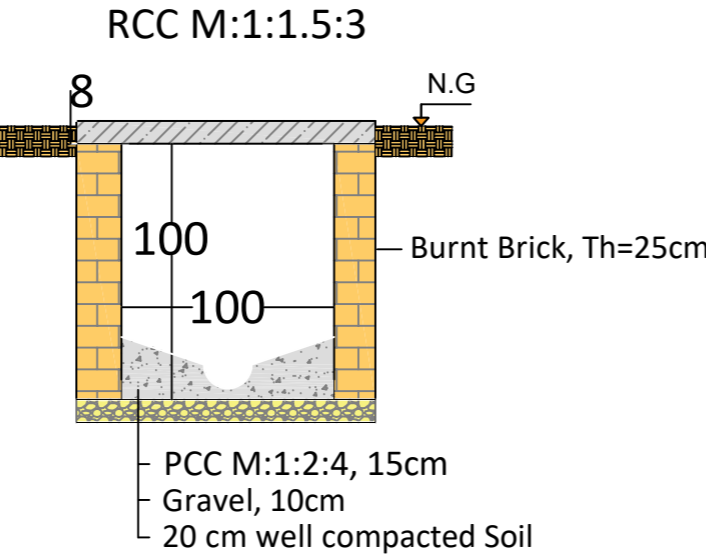
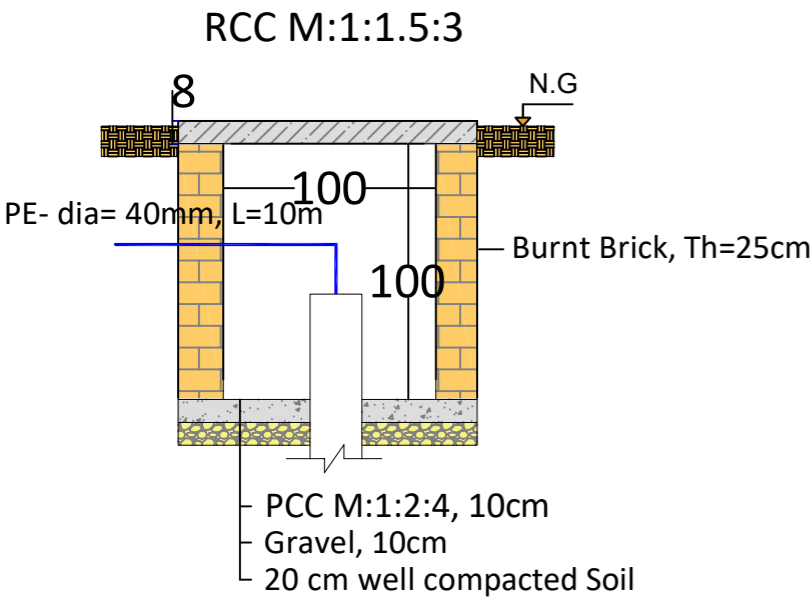
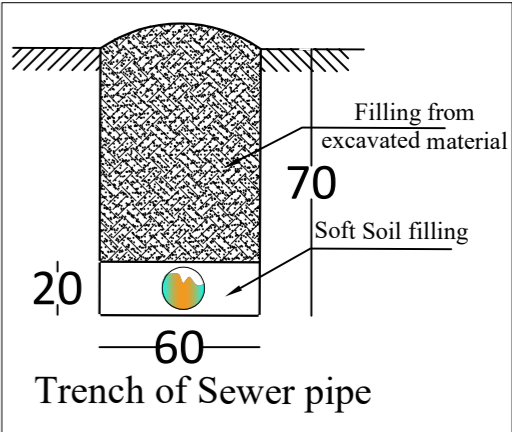
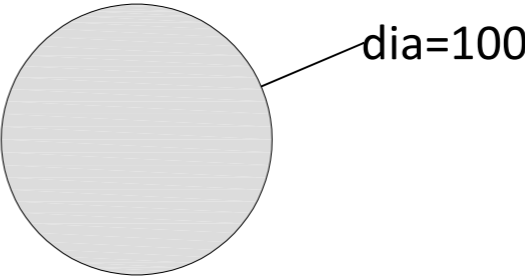
Well Protection Box



Manhole Plan



Soak Pit Plan



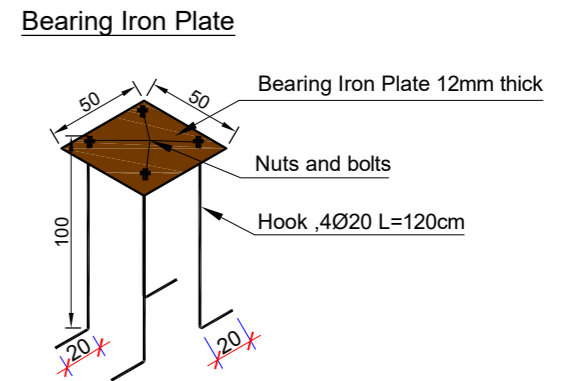
Manhole Section

Soak Pit Section

Well Protection Box Section  
Yama Hewadmal  
Aug 29, 2024

Manhole Section  
W  
Sep 1, 2024

World Vision ورلد ویژن	SURVEYED BY	Eng. Ansar Kazimi	CHECKED BY	WASH Coordinator	SCALE	SHEET NO. 3/7	PROVINCE	Faryab	PROJECT NAME:	Qazi Bay Qala CHC
	DESIGNED BY	Eng. Ansar Kazimi	REVIEWED BY	WASH Advisor	DATE		DISTRICT	Dawlat Abad	DRAWING TITLE:	Manhole+Septic+Pipe Trench
	DRAWN BY	Eng. Ansar Kazimi	APPROVED BY	Project Director/Manager	DRAWING NO.		Health Center	Qazi Bay Qala CHC		



4x25Ø8@15 c/c L=146cm

2x4Ø8@15c/c

  
box SIGN 18L933W6-4W2V3Z38

*Yama Hewadmal*

box SIGN 4YWZR85Q-4W2V3Z3B

Wing

SHEET  
NO.

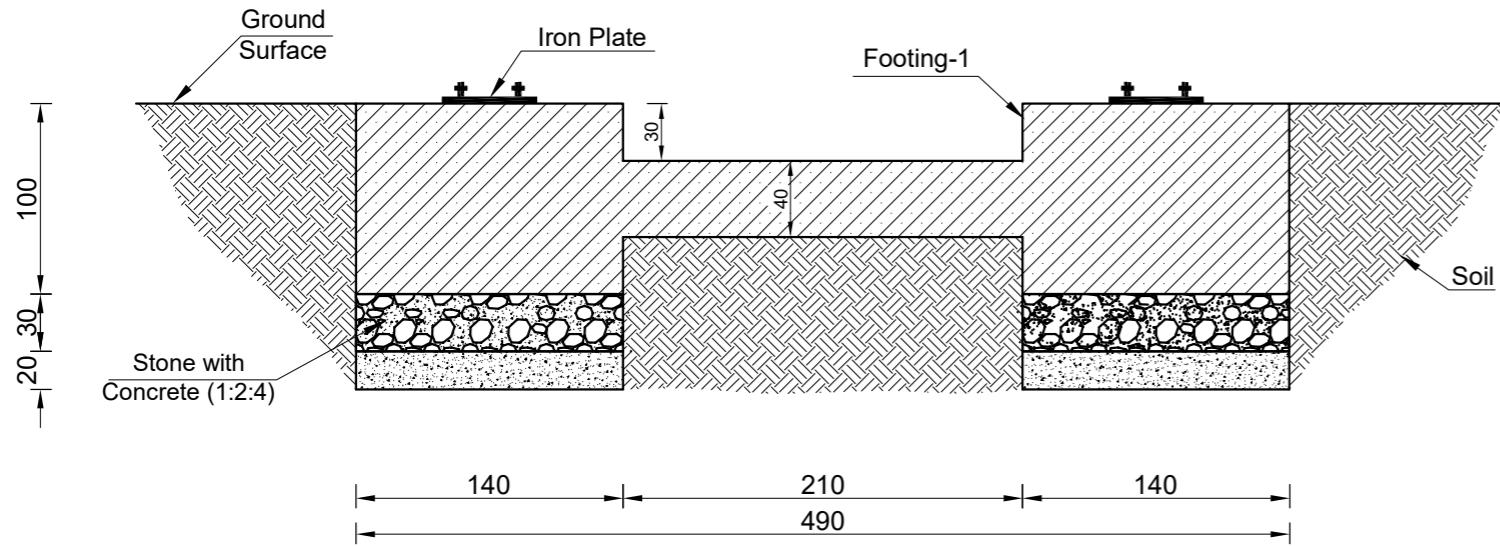
PROVINCE  
DISTRICT  
Health Center

PROJECT NAME:

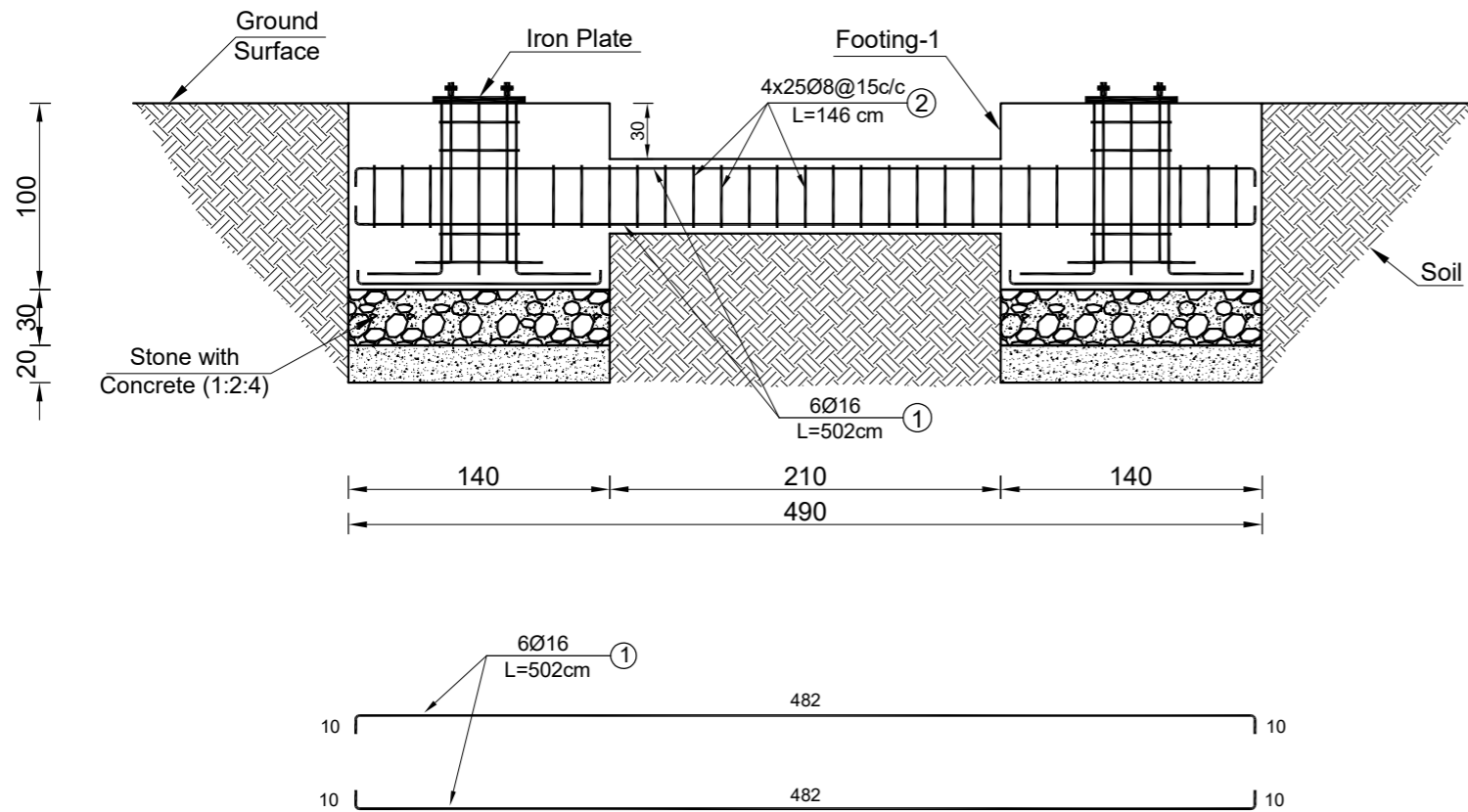
*Qazi Bay Qala Health Center*

DRAWING TITLE:

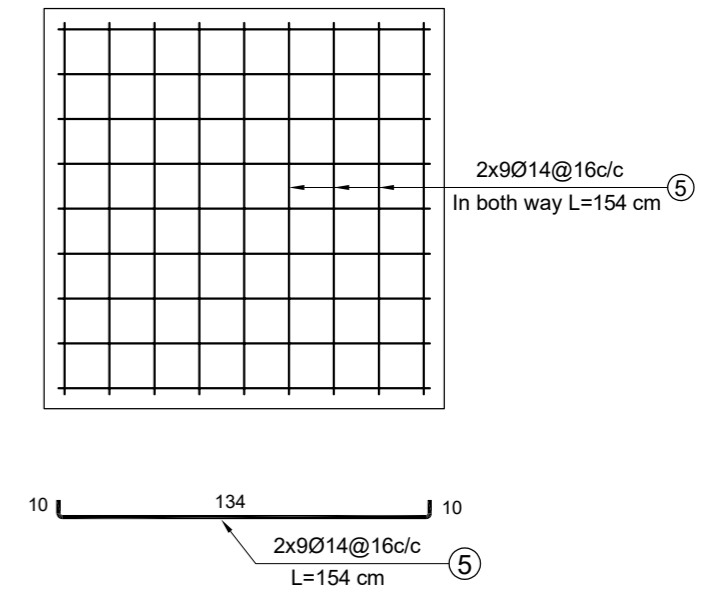
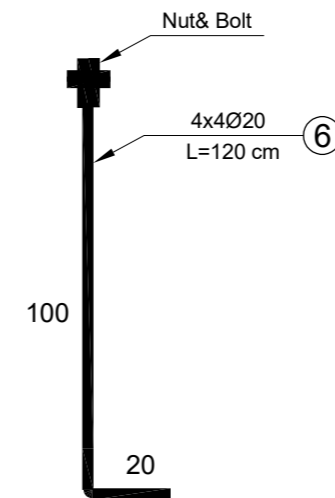
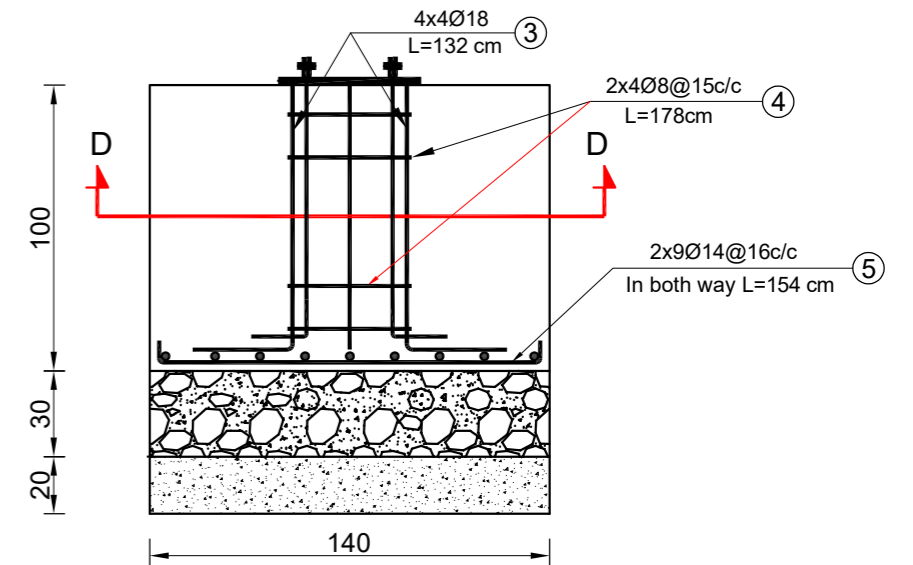
### 10 m3 Elevated Steel Water Tank



Section C-C



Section C-C

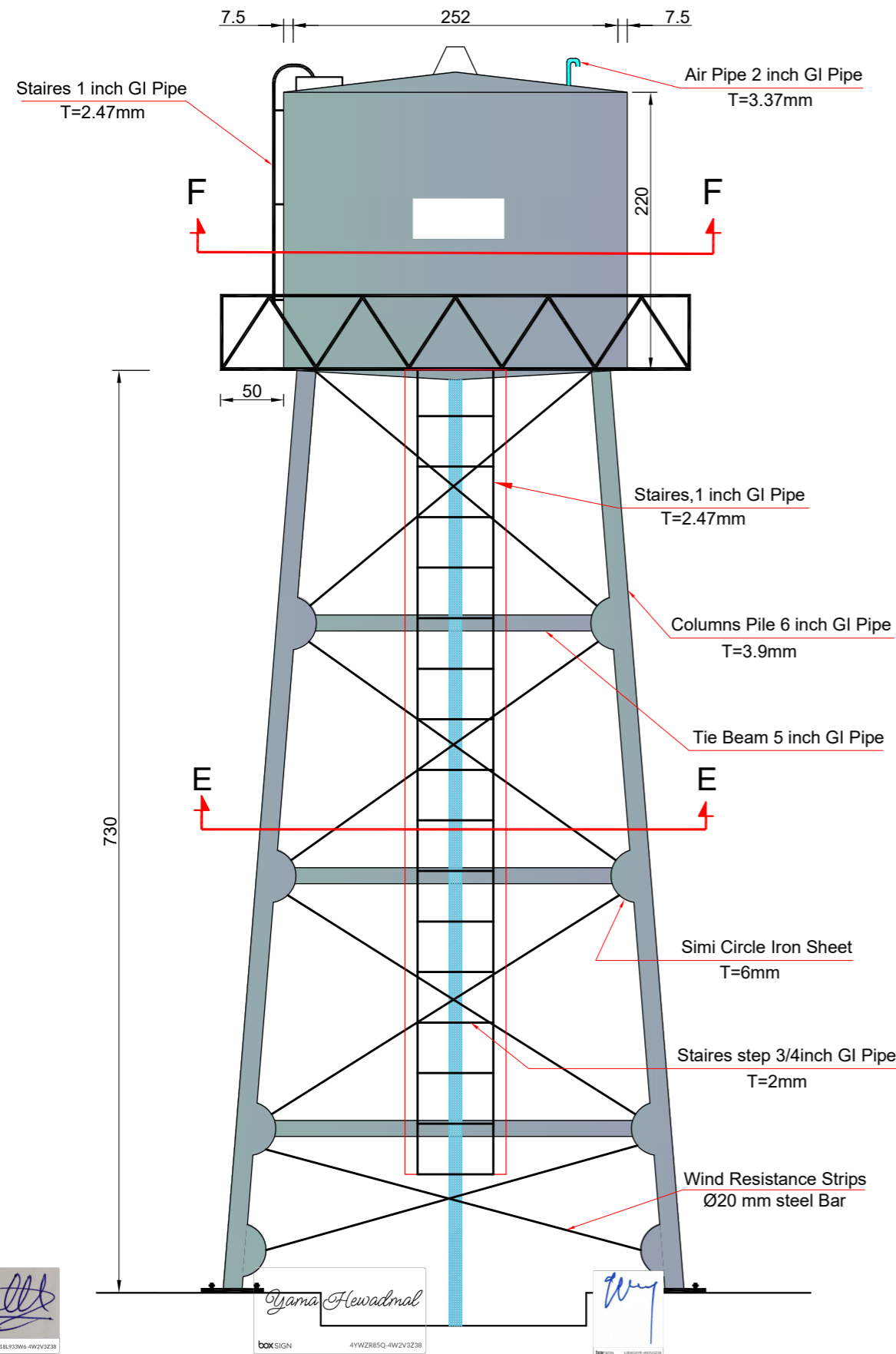


Footing-1

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### Elevated Steel Water Tank Needed Specification

11/05/2016

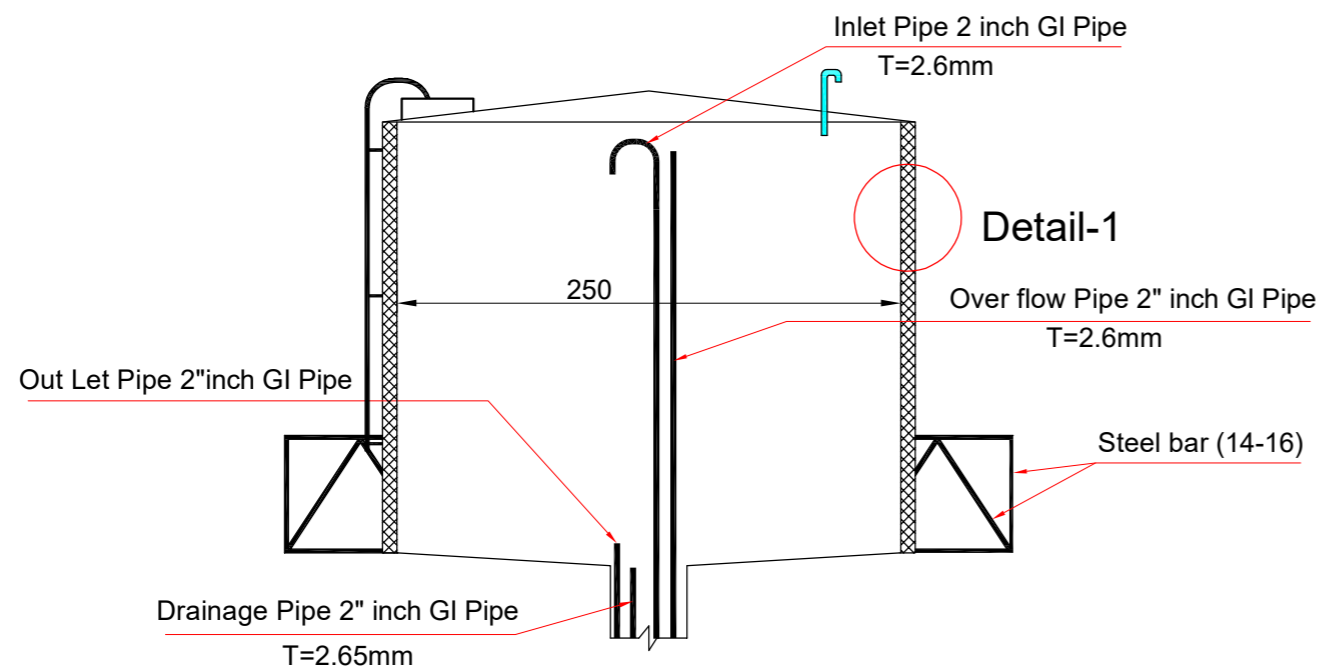
1. Capacity of Elevated Water Tank should be (10) Cub Meter.
  2. Steel Thickness of Steel Sheet used for Tank should be (14 gauge) Russian Made.
  3. Height of Water Tank Should be **7.3m** from Top of Foundation Level to Bottom Level of Water Tank.
  4. The Tank Tower Column or Pile should be from Russian Made Pipe (**6 inch**) Diameter.
  5. The Tie Beams or Belt of Tank Column should be from Russian Pipe (**4 inch**) Diameter.
  6. Wind Resistance Strip of Water Tank Tower should be from Russian Made **20mm** Steel Bar.
  7. Earth Quick Resistance Circle for WaterTankTower should be from Steel **6mm**.
  8. Simi Circle for Strength and Protection of Water Tank Tower should be from Steel Iron (**6mm**).
  9. Safety Hand real all around of WaterTankTower from pipe (**2 inch**), Steel Bar (**14-16**) mm and Angle Iron of **2 inch**.
  10. Stair from Ground to Safety Hand Real should be from Steel Bar GI Pipe (**1 inch**) and Stair Steps GI pipe (**3/4 inch**).
  11. Stair to Inside of Water Tank should be (**1 inch**).
  12. Water Tank should be welded inside and outside carefully.
  13. Manhole and Manhole Cover of Water Tank should be safely built.
  14. Painting of Inside and Outside with Anti Corrosive and Anti Stain Paint.
  15. Outlet Pipe should be used (**2 inch**) Diameter.
  16. Inlet Pipe and Over Flow should be from (**2 inch**) Diameter.
  17. Air Pipe should be installed on the Top of Water Tank.
  18. Transportation of Complete Set of Water Tank to the mentioned Field Area.
  19. Construction of Complete RCC Foundation with all needed and Responsibility and using of Mould.
  20. Installation or Setting of Elevated Water Tank in the Field.
  21. Needed Drawing Documents of Elevated Water Tank.
- Drawing and Design of Elevated Water Tank RCC Foundation and all needed Specification after Contract Agreement Documents.

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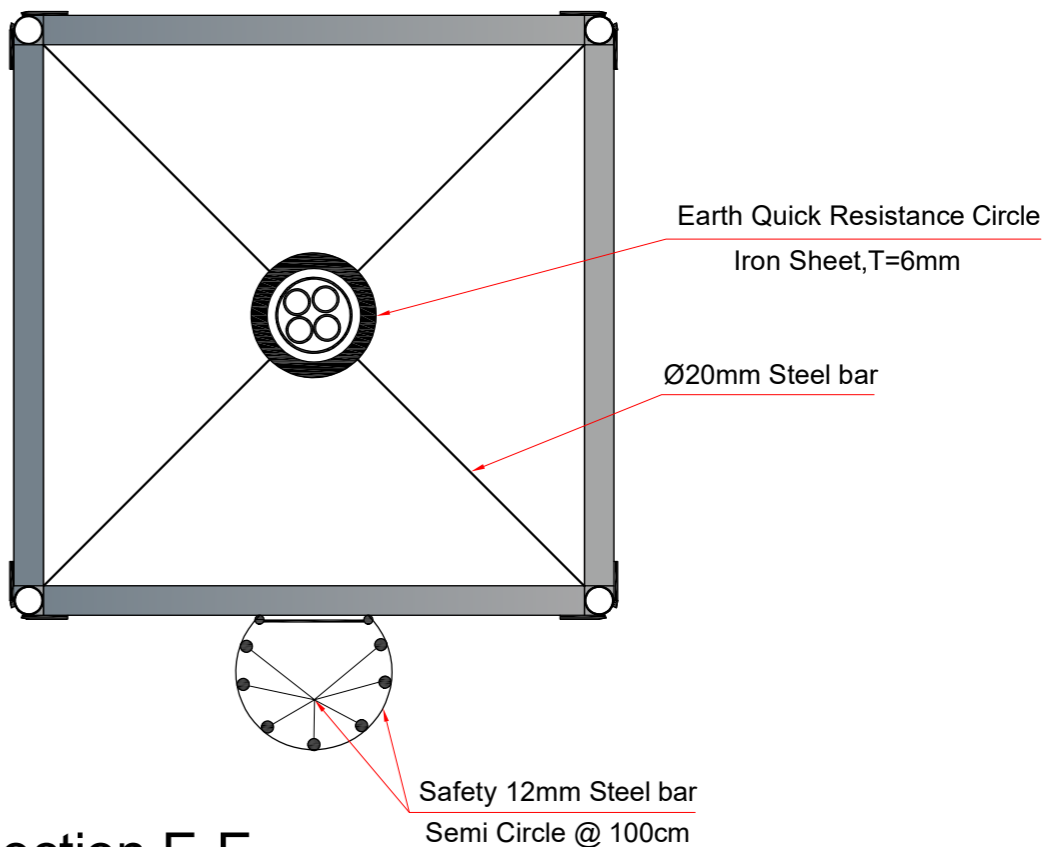
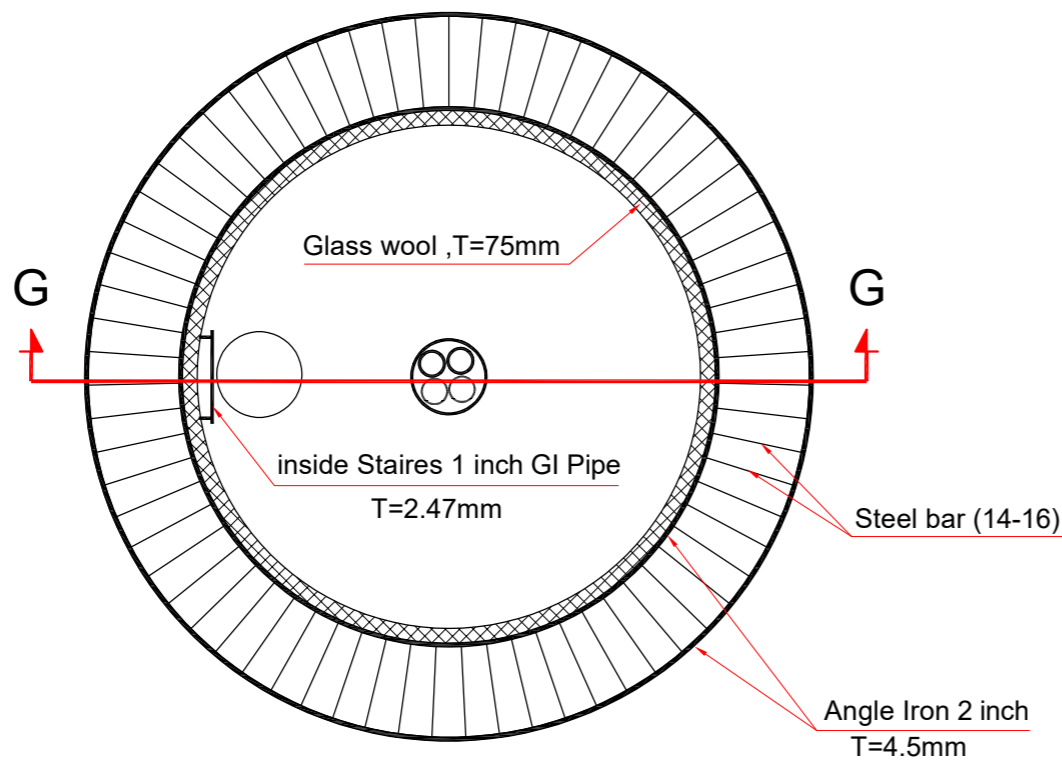
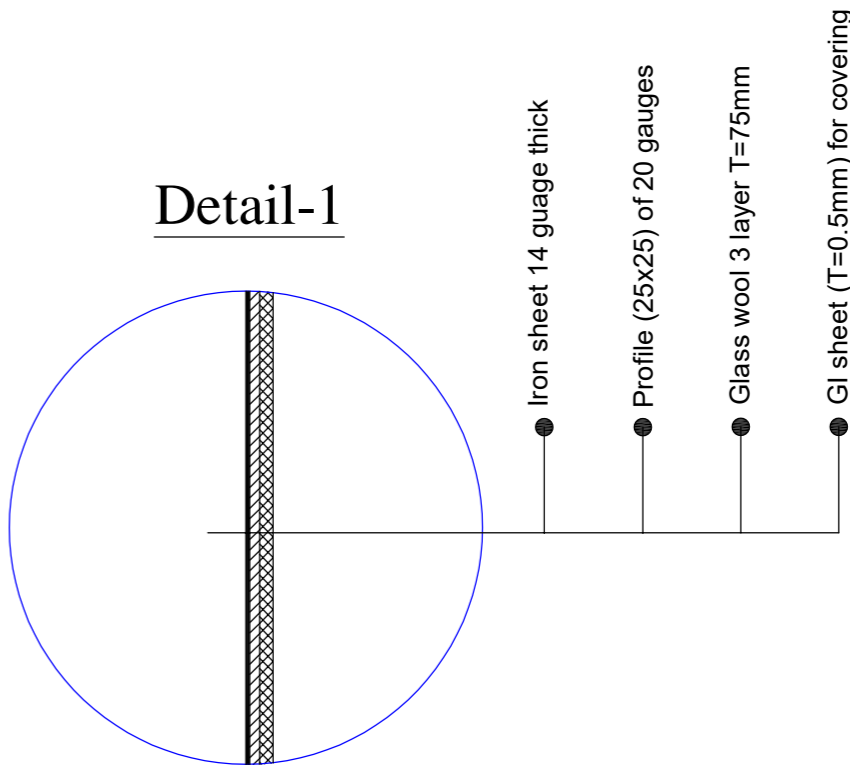
Sep 1, 2024

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Section G-G



Detail-1



Section F-F

Section E-E

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	DESIGNED BY	Eng. Ansar Kazimi	REVIEWED BY	WASH Advisor	DATE		DISTRICT	Dawlat Abad	DRAWING TITLE: 10 m3 Elevated Steel Water Tank	
	DRAWN BY	Eng. Ansar Kazimi	APPROVED BY	Project Director/Manager	DRAWING NO.		Health Center	Qazi Bay Qala CHC		