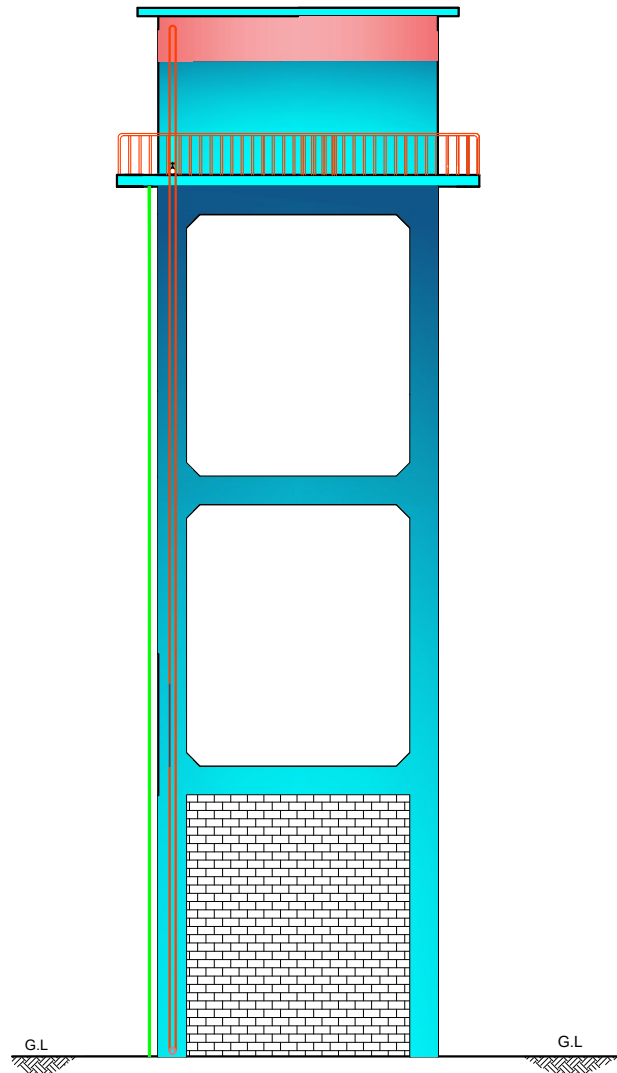
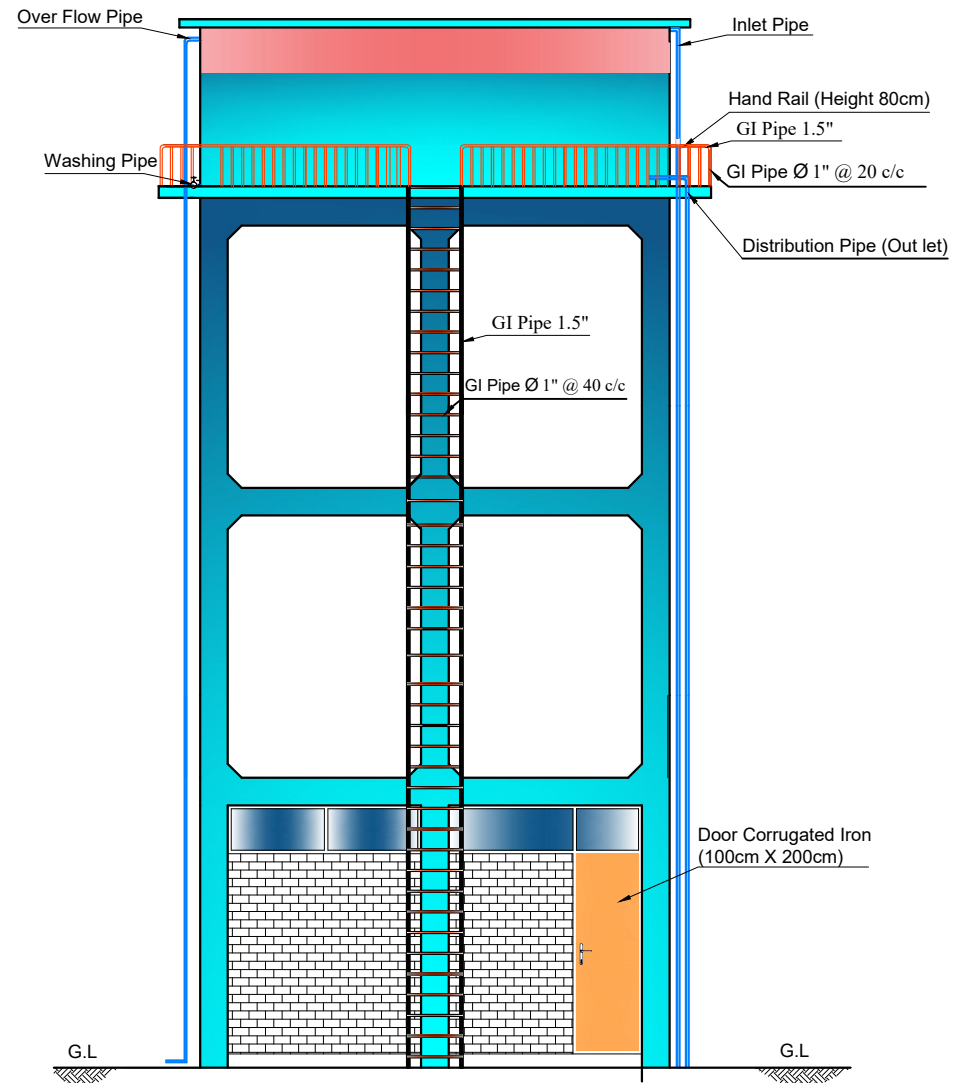





Side View

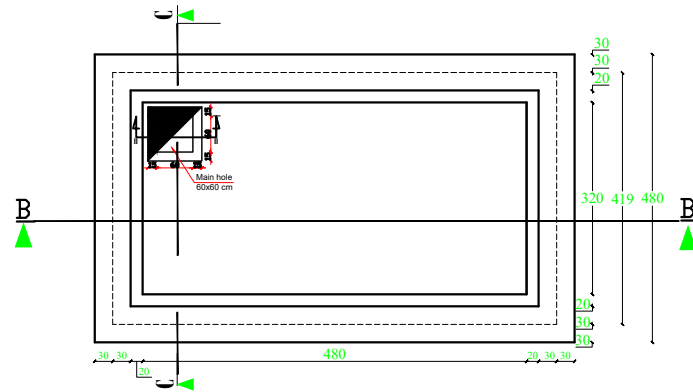


Front View

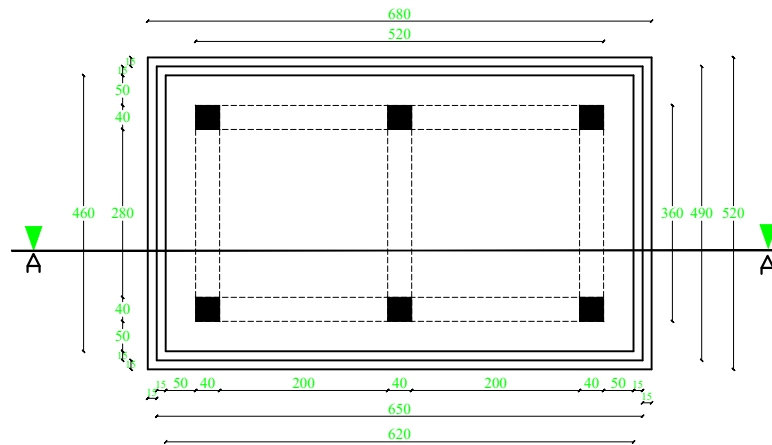


 <b>MEDAIR</b> <small>INTERNATIONAL DEVELOPMENT AGENCY</small>	<small>TIS AFGHANISTAN</small> <b>MEDAIR WASH</b> <small>Development</small>	SURVEYED BY	KHR WASH Team	CHECKED BY	Eng Samiullah Azizi	SCALE	1:XX	<small>SHEET NO.</small> 	PROVINCE	Kandahar	<small>PROJECT NAME</small> Reagwa (Dabak) Pipe scheme Project
		DESIGNED BY	KHR WASH Team	REVIEWED BY	Eng. Sayed Waheedullah Majeed	DATE			DISTRICT	Panjwai	
		DRAWN BY	KHR WASH Team	APPROVED BY	Simon Beswetherick	DRAWING NO			VILLAGE	Regwa (Dabak)	<small>DRAWING TITLE</small> Front and Side View of Water Tank

Plan of Reservoir

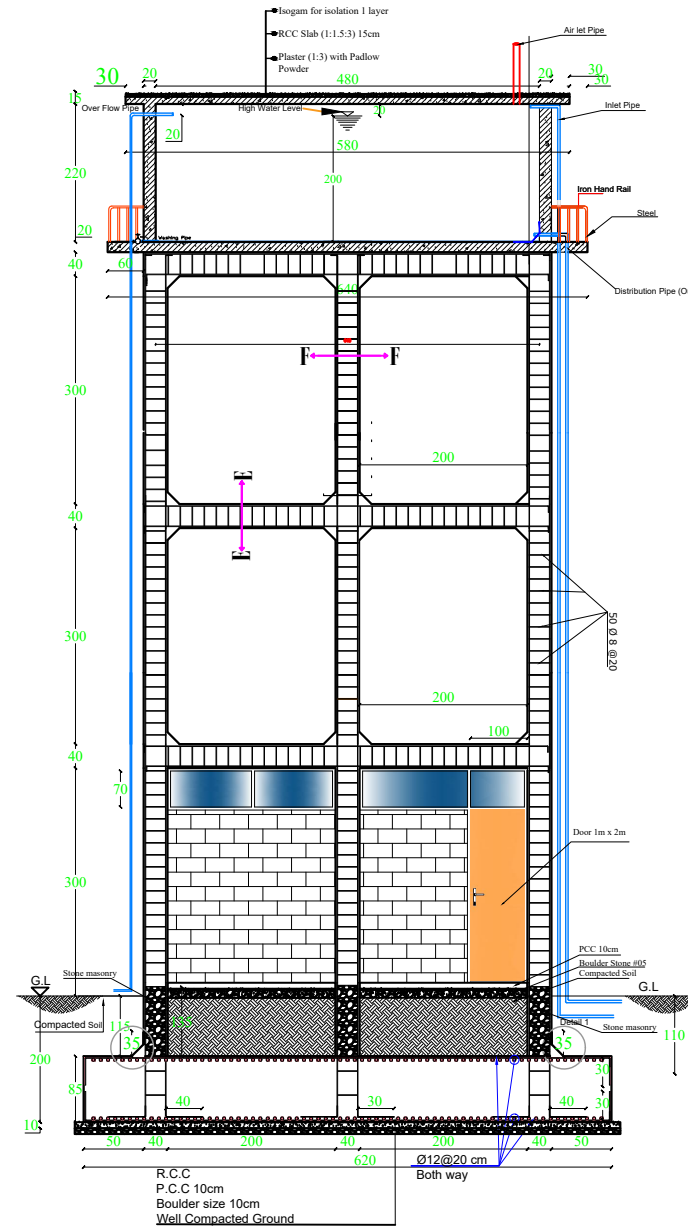


Foundation Plan



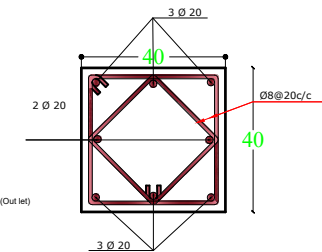
**Note:**

- 1- All dimensions are in cm unless otherwise stated.
- 2- During RCC work vibrator must be used to avoid water leakage from reservoir.
- 3- All PCC works should be with 1:2:4 mortar unless otherwise stated.
- 4- All RCC works should be with 1:1.5:3 mortar.
- 5- Isolation material is glass wool.
- 7- Curing must be continued upto 28 days.
- 8- Clear and Clean water must be used every where.
- 9- The inlet, outlet, overflow and washing pipes should be GI pipe with thickness of 3mm and adjusted according to site condition.

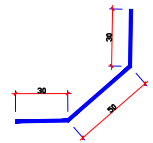


Section A-A

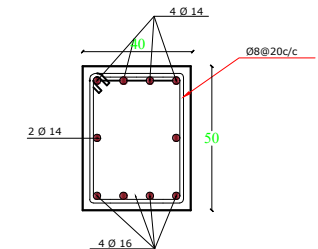
SECTION (F-F)



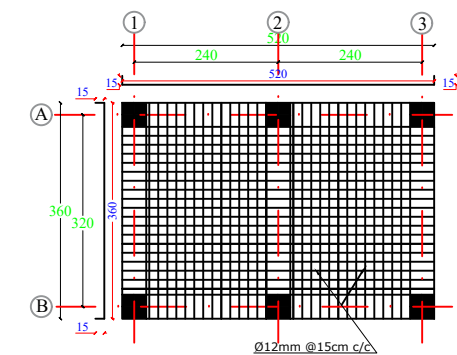
Detail 1



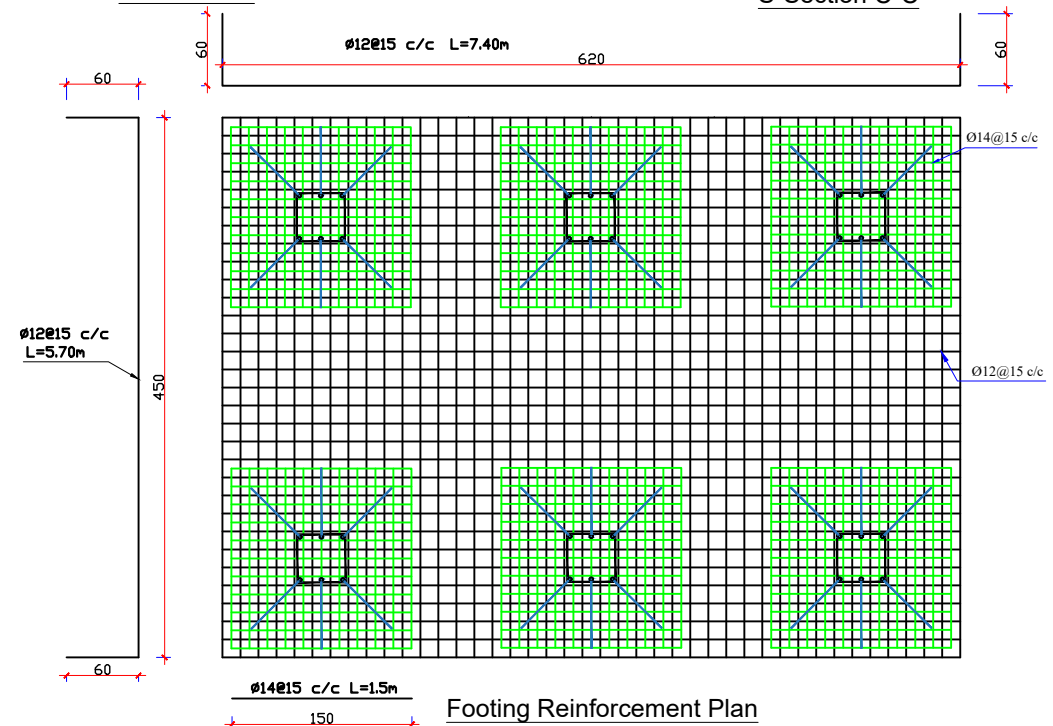
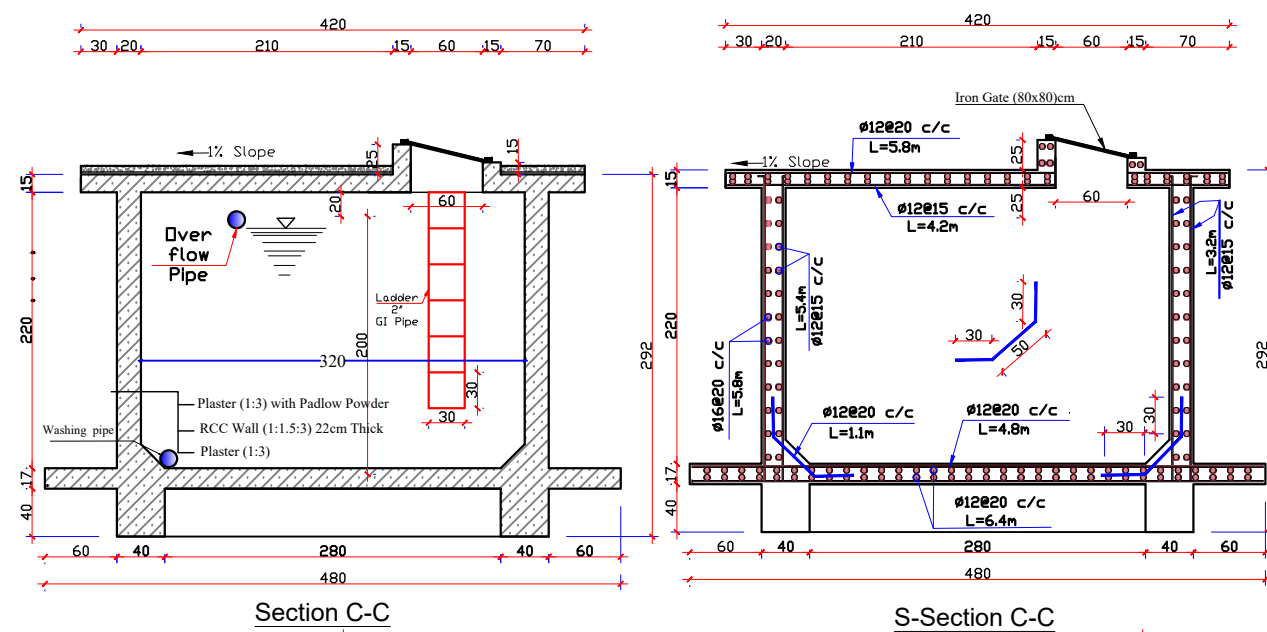
SECTION (E-E)



Gurad Room Slab Details



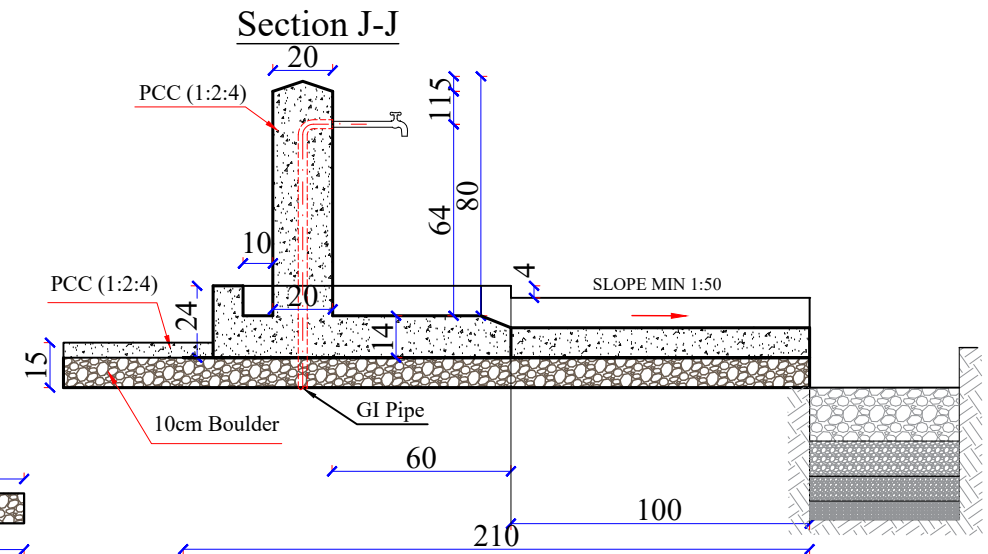
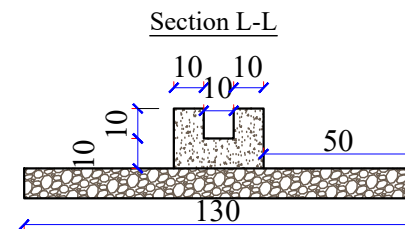
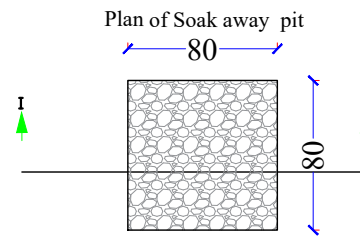
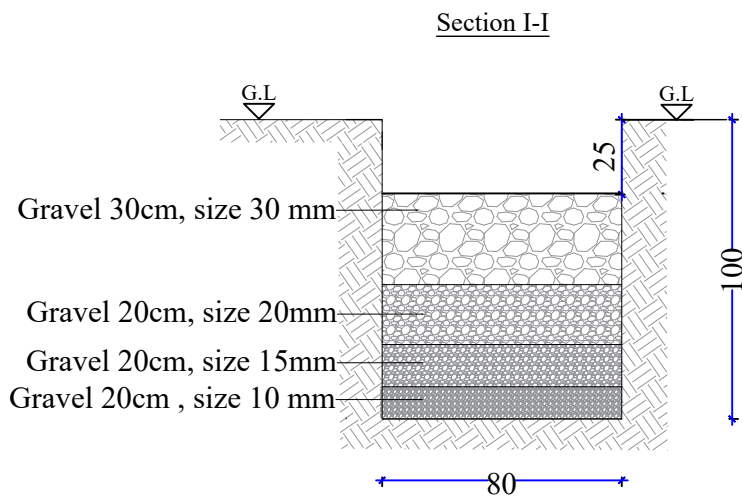
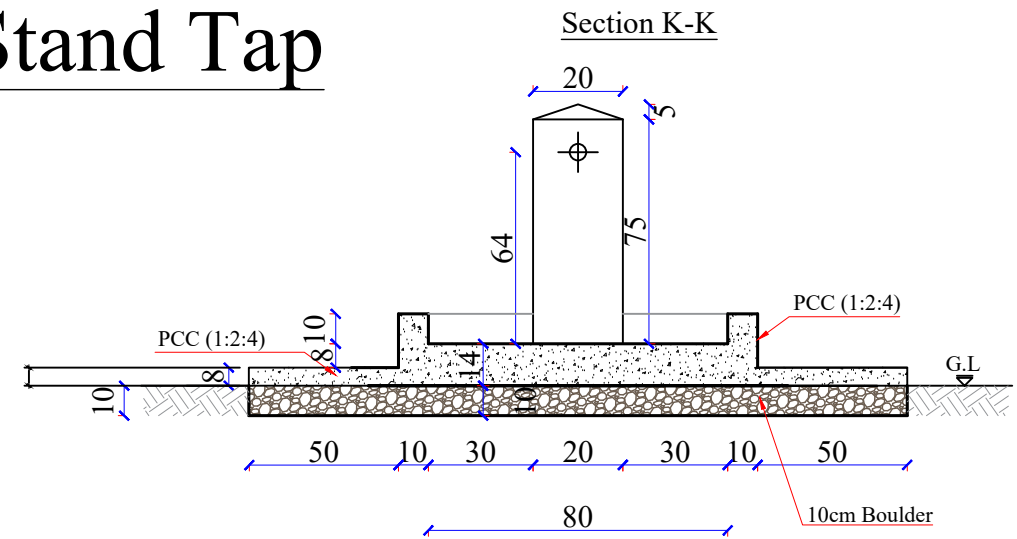
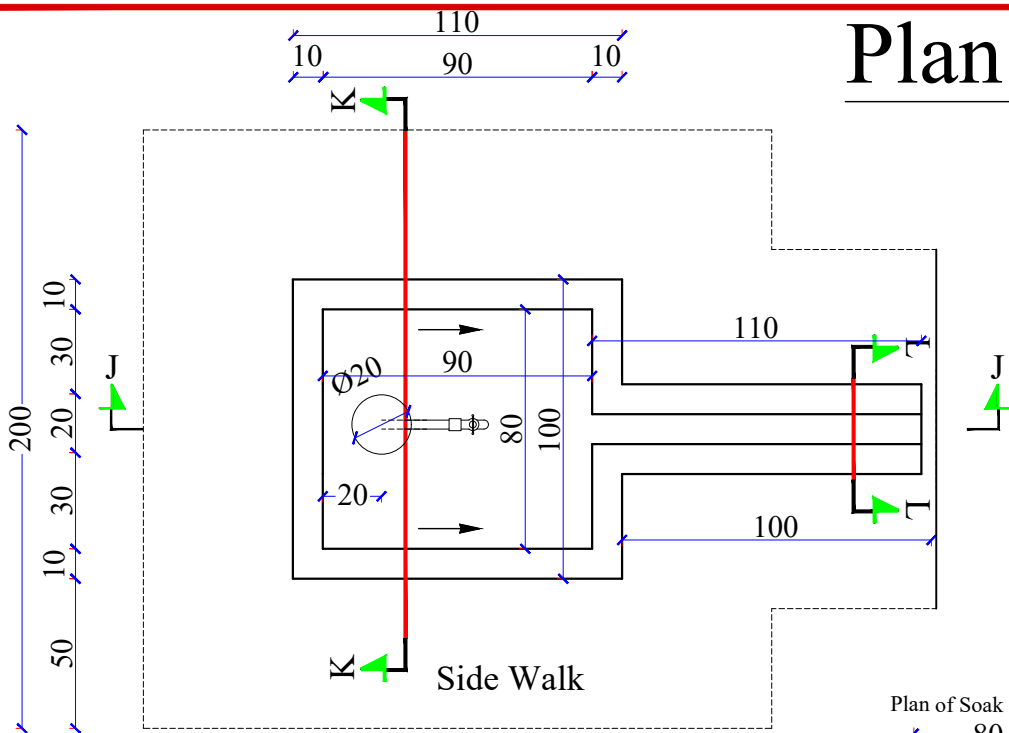
	TIS AFGHANISTAN MEDAIR WASH Development		SURVEYED BY	KHR WASH Team	CHECKED BY	Eng Samiullah Azizi	SCALE	1:xx	SHEET NO. 21	PROVINCE	Kandahar	PROJECT NAME
	WASH		DESIGNED BY	KHR WASH Team	REVIEWED BY	Eng. Sayed Waheedullah Majeed	DATE			DISTRICT	Panjwai	Reagwa (Dabak) Pipe scheme Project
			DRAWN BY	KHR WASH Team	APPROVED BY	Simon Beswetherick	DRAWING NO			VILLAGE	Regwa (Dabak)	DRAWING TITLE Elevated Water Tank Design and Drawing



**Note:**

Footing Reinforcement need installed in two layer with same specification

# Plan of Stand Tap



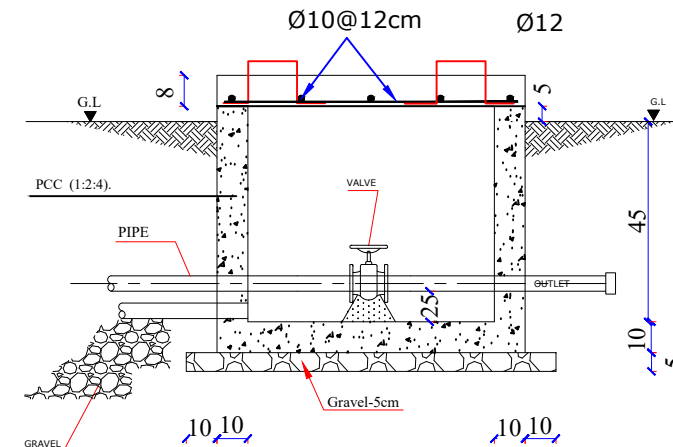
 TIS AFGHANISTAN MEDAIR WASH Development  	SURVEYED BY	KHR WASH Team	CHECKED BY	Eng Samiullah Azizi	SCALE	1:XX	SHEET NO. 	PROVINCE	Kandahar	PROJECT NAME	Reagwa (Dabak) Pipe scheme Project
	DESIGNED BY	KHR WASH Team	REVIEWED BY	Eng. Sayed Waheedullah Majeed	DATE			DISTRICT	Panjwai	DRAWING TITLE	Stand Post (STP) Design and Drawing
	DRAWN BY	KHR WASH Team	APPROVED BY	Simon Beswetherick	DRAWING NO			VILLAGE	Regwa (Dabak)		

[illegible]

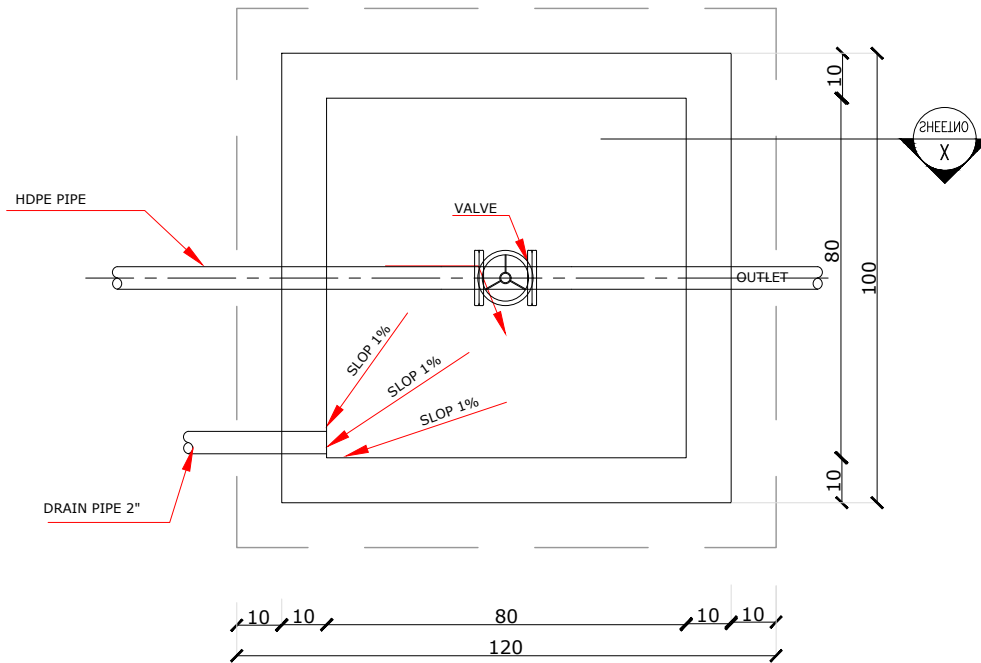
Technical drawing of a drainage system layout. The drawing shows a plan view of a rectangular area defined by a dashed line. Inside this area, there are three concentric rectangles. A horizontal line represents a pipe system. On the left, it is labeled "HDPE PIPE". On the right, it is labeled "DRAIN PIPE 2\"". A "VALVE" is located in the center of the horizontal line. To the right of the valve, the line is labeled "OUTLET". Dimensions are provided for the layout:

- Horizontal dimensions (from left to right): 10, 10, 50, 10, 10. The total length is 95.
- Vertical dimensions (from top to bottom): 12.5, 75, 12.5. The total width is 100.
- Additional dimensions: 75 (width of the central rectangle), 55 (width of the middle rectangle), and 10 (width of the innermost rectangle).

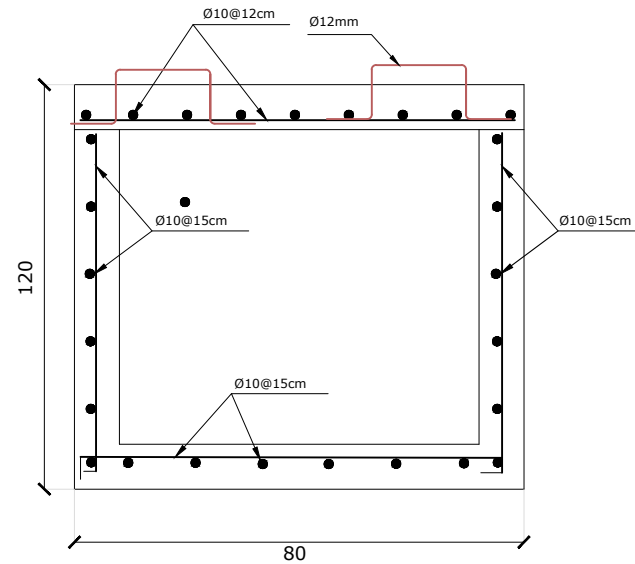
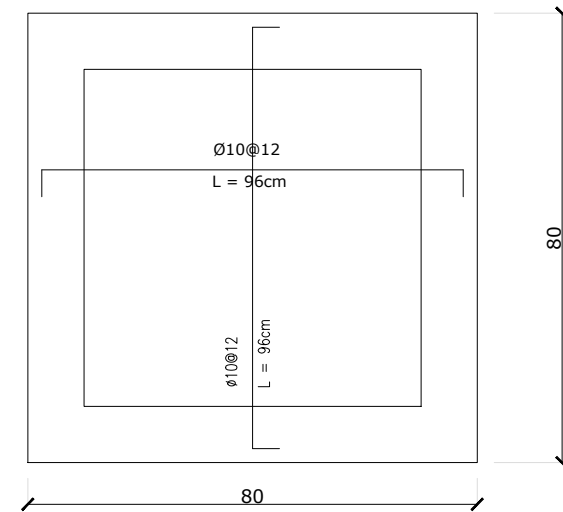
The drawing also includes a north arrow pointing towards the top right, labeled "SHEELING X". Slopes are indicated by red lines and text: "SLOP 1%" for the three inner rectangles.



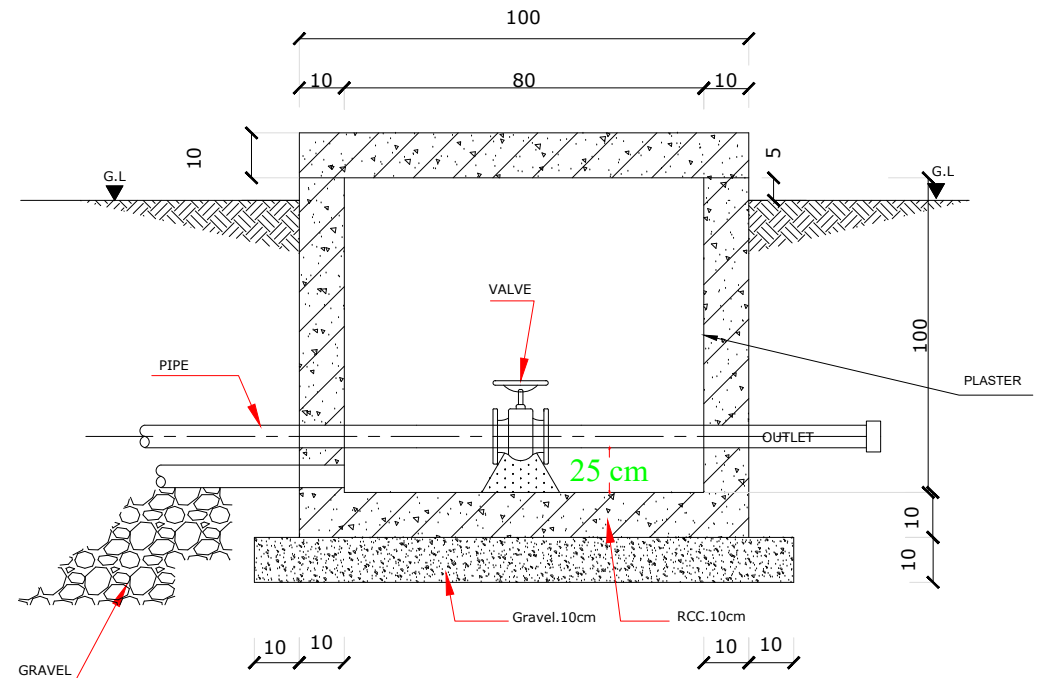
# PLAN OF VALVE BOX



SLAB REINFORCEMENT

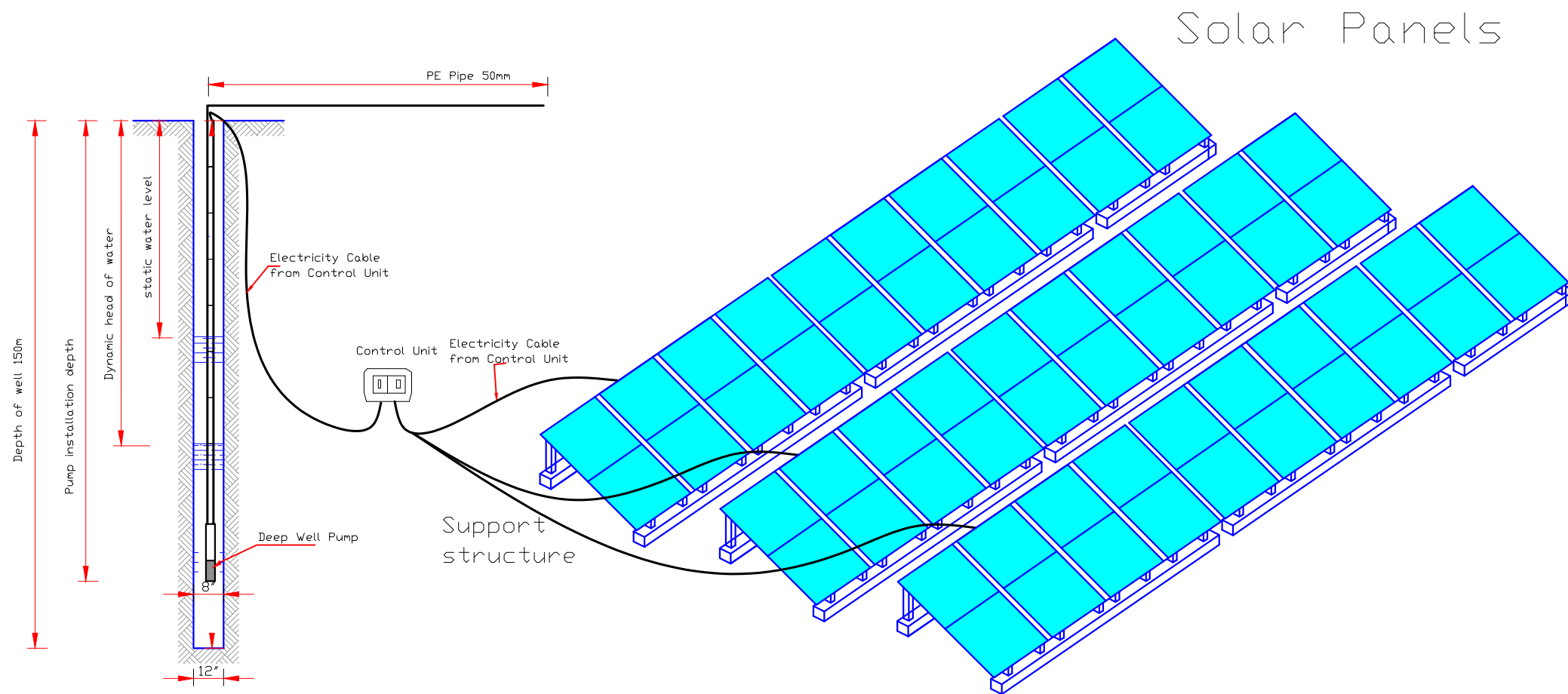


REINFORCEMENT DETAIL



 TIS AFGHANISTAN MEDAIR WASH Development <b>WASH</b>	SURVEYED BY	KHR WASH Team	CHECKED BY	Eng Samiullah Azizi	SCALE	1:XX	SHEET NO. <b>6/11</b>	PROVINCE	Kandahar	PROJECT NAME	Regwa (Dabak) Pipe scheme Project
	DESIGNED BY	KHR WASH Team	REVIEWED BY	Eng. Sayed Waheedullah Majeed	DATE			DISTRICT	Panjwai	DRAWING TITLE	Valve Box Design and Drawing
	DRAWN BY	KHR WASH Team	APPROVED BY	Simon Beswetherick	DRAWING NO.			VILLAGE	Regwa (Dabak)		

## Typical Site plan of Solar pump system



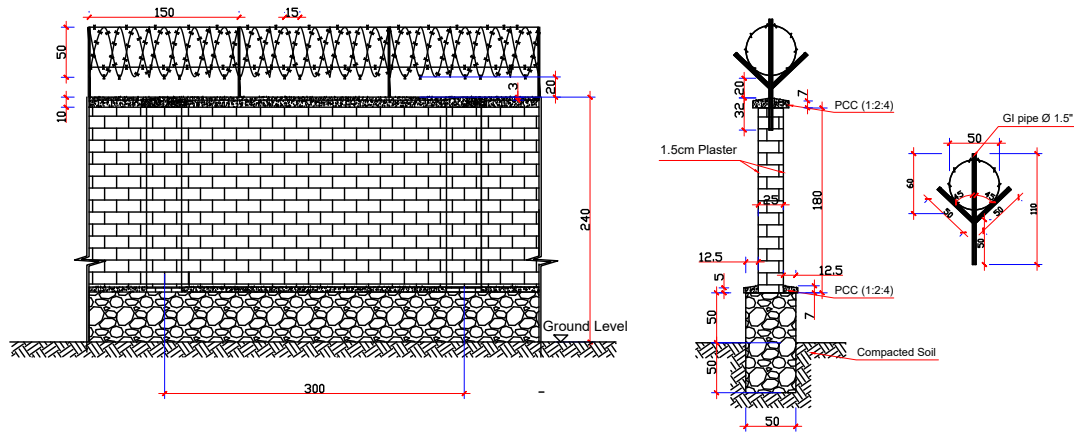
**Note:**

Drilling of well with solar pump for Drinking

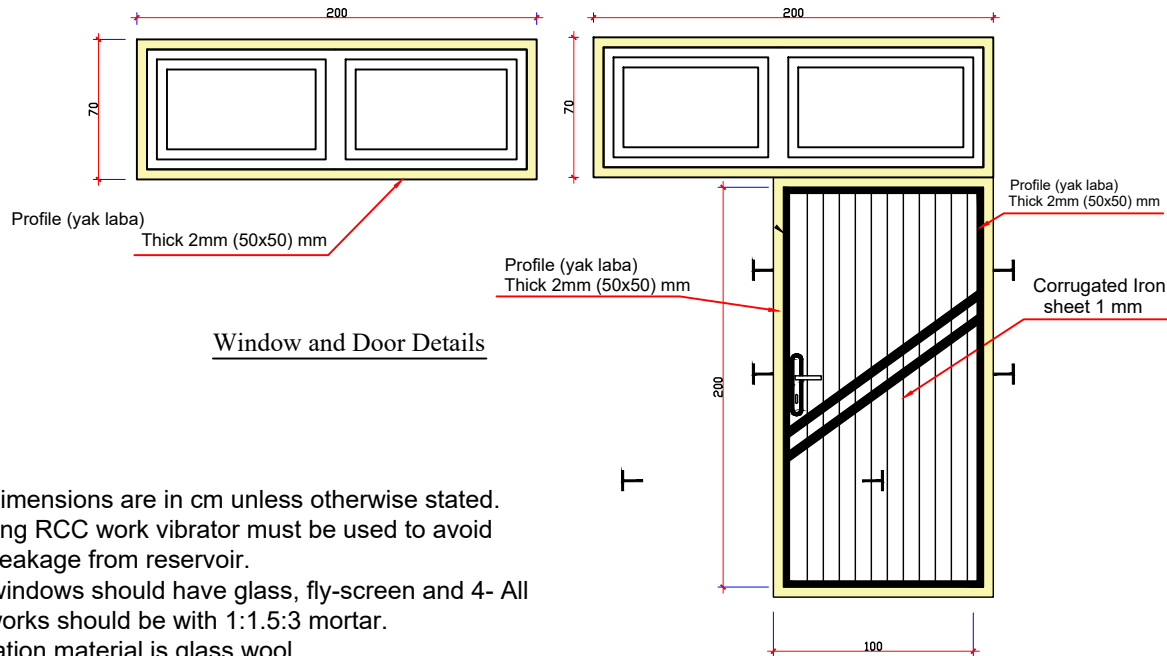
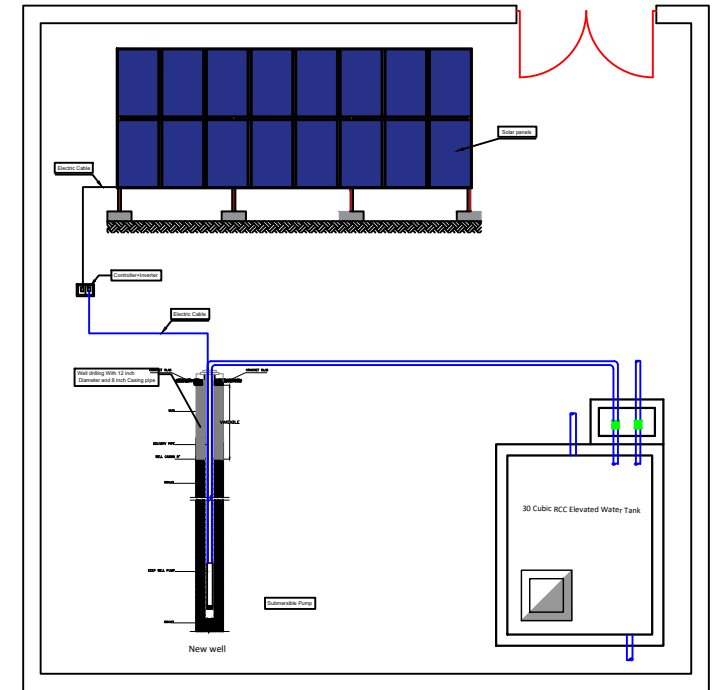
 TIS AFGHANISTAN MEDAIR WASH Development <b>WASH</b>	SURVEYED BY	KHR WASH Team	CHECKED BY	Eng Samiullah Azizi	SCALE	1:XX	SHEET NO.	PROVINCE	Kandahar	PROJECT NAME	
	DESIGNED BY	KHR WASH Team	REVIEWED BY	Eng. Sayed Waheedullah Majeed	DATE			DISTRICT	Panjwai	Reagwa (Dabak) Pipe scheme Project	
	DRAWN BY	KHR WASH Team	APPROVED BY	Simon Beswetherick	DRAWING NO.			VILLAGE	Regwa (Dabak)	DRAWING TITLE Solar Panels and Deep Well Design	



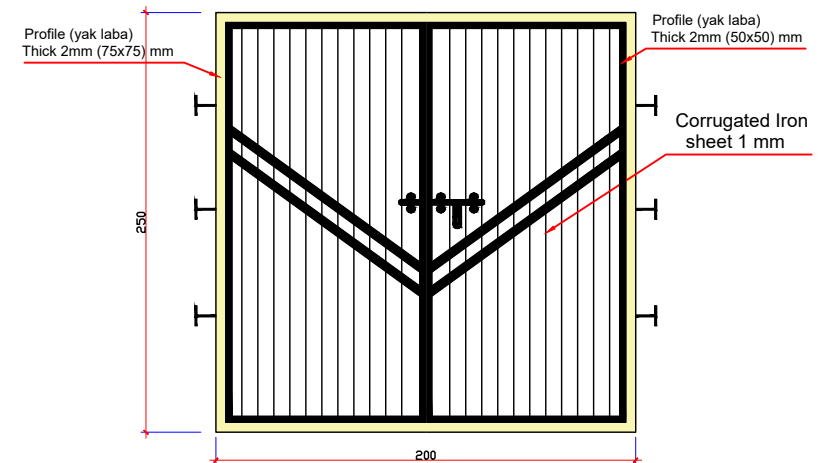
## Boundary Wall Details



## Site Sketch



## Window and Door Details



## Main Gets of Boundry Wall Details

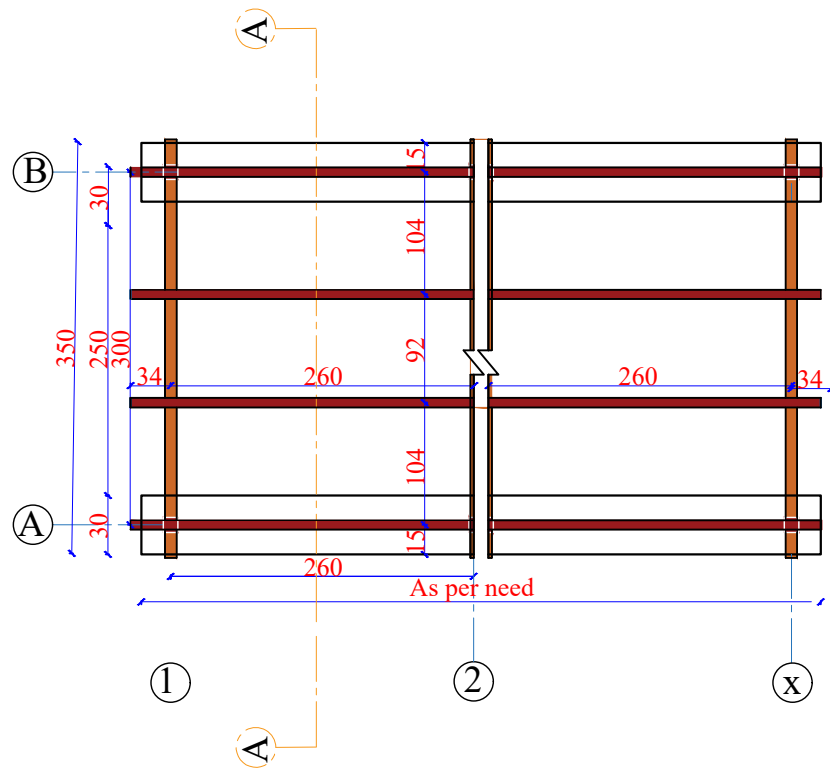
### Note:

- 1- All dimensions are in cm unless otherwise stated.
- 2- During RCC work vibrator must be used to avoid water leakage from reservoir.
- 3- All windows should have glass, fly-screen and 4- All RCC works should be with 1:1.5:3 mortar.
- 5- Isolation material is glass wool.
- 7- Curing must be continued upto 28 days.
- 8- Clear and Clean water must be used every where.

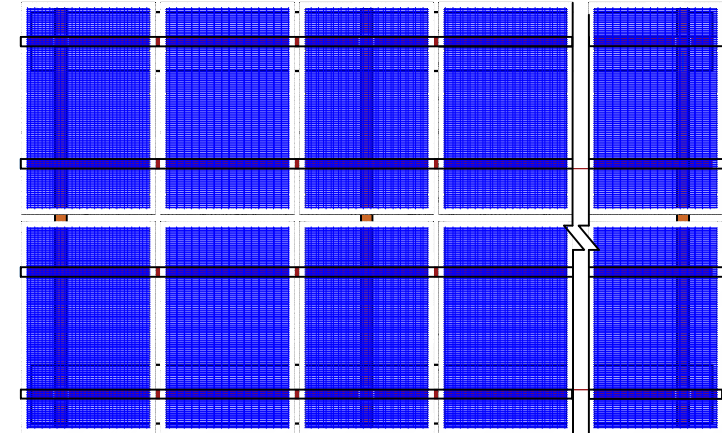
 TIS AFGHANISTAN MEDAIR WASH Development <b>WASH</b>	SURVEYED BY	KHR WASH Team	CHECKED BY	Eng Samiullah Azizi	SCALE	1:XX	SHEET NO. 	PROVINCE	Kandahar	PROJECT NAME	
	DESIGNED BY	KHR WASH Team	REVIEWED BY	Eng. Sayed Waheedullah Majeed	DATE			DISTRICT	Panjwai	Reagwa (Dabak) Pipe scheme Project	
	DRAWN BY	KHR WASH Team	APPROVED BY	Simon Beswetherick	DRAWING NO			VILLAGE	Regwa (Dabak)	DRAWING TITLE Boundary Wall (Site Plan and Details)	



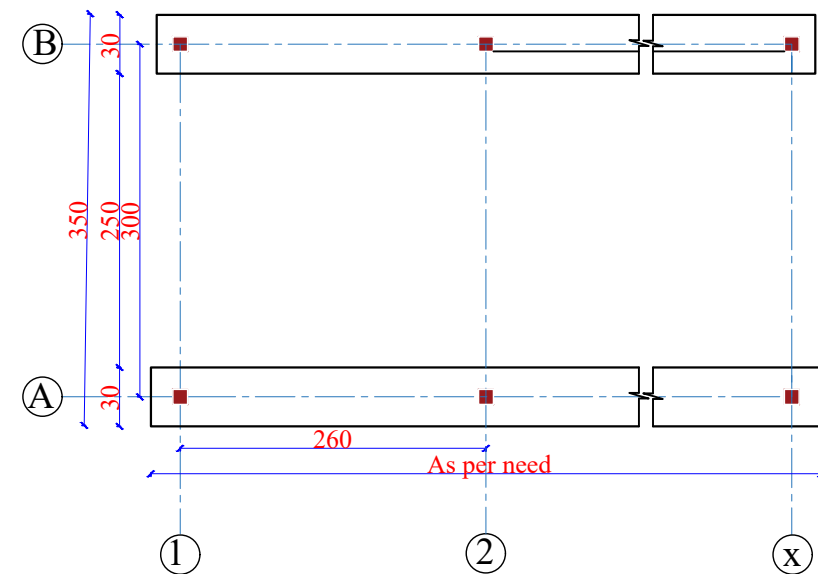
### Top View of Frame & Foundation



### Top View of 5KW Solar Array



### P.C.C Foundation of Solar Panel

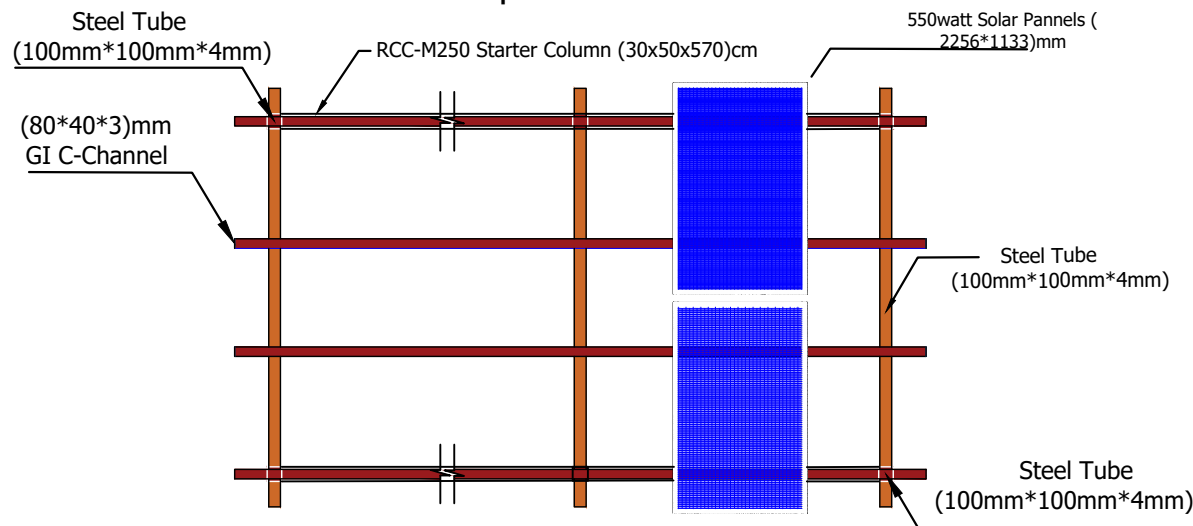


#### Note:

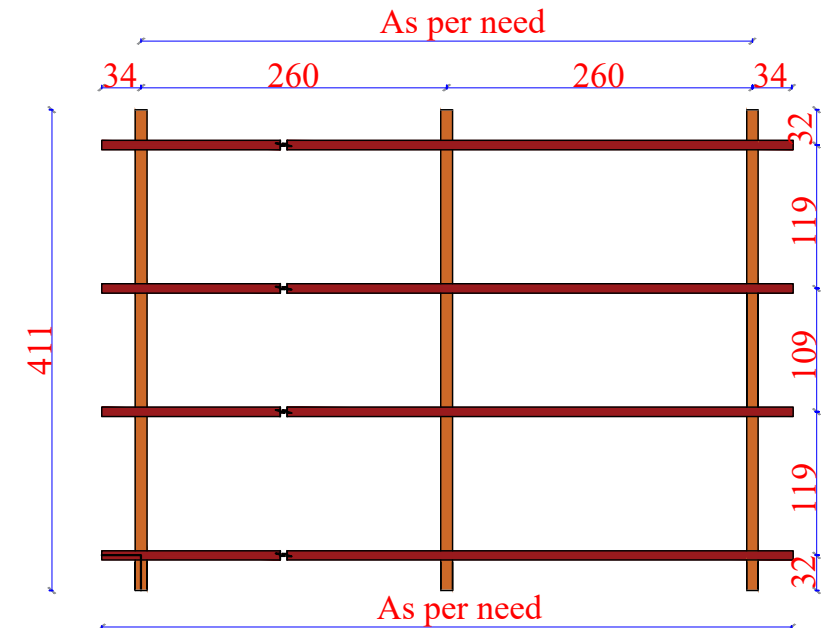
- 1- All dimensions are in cm unless otherwise stated.
- 2- During RCC work vibrator must be used to avoid.
- 3- Solar supporting structure's dimensions are variable with respect to actual work.
- 4- All RCC works should be with 1:1.5:3 mortar.
- 5- Isolation material is glass wool.
- 6- Curing must be continued upto 28 days.
- 7- Clear and Clean water must be used every where.
- 8- Distance between columns of Solar panel stand will be 270-300cm

 TIS AFGHANISTAN MEDAIR WASH Development <b>WASH</b>	SURVEYED BY	KHR WASH Team	CHECKED BY	Eng Samiullah Azizi	SCALE	1:xx	SHEET NO. <b>9/11</b>	PROVINCE	Kandahar	PROJECT NAME	
	DESIGNED BY	KHR WASH Team	REVIEWED BY	Eng. Sayed Waheedullah Majeed	DATE			DISTRICT	Panjwai	Reagwa (Dabak) Pipe scheme Project	
	DRAWN BY	KHR WASH Team	APPROVED BY	Simon Beswetherick	DRAWING NO.			VILLAGE	Regwa (Dabak)	DRAWING TITLE Solar Panels Stand or Support Structure	

## Top View Solar Panel with Frame Specification



## Length of Each Top Support Beams from Steel



## Steel Required for Solar Mounting Structure

Materials	Item	Description	Shape
Iron Steel	Tube (Box)	TUB30303	
Iron Steel	Tube (Box)	TUB30203	
G.I. Steel	Channel	C3X6	
Iron Sheet	Iron, 3mm	L20208	
Anchore Bolt		It will be of factory	

