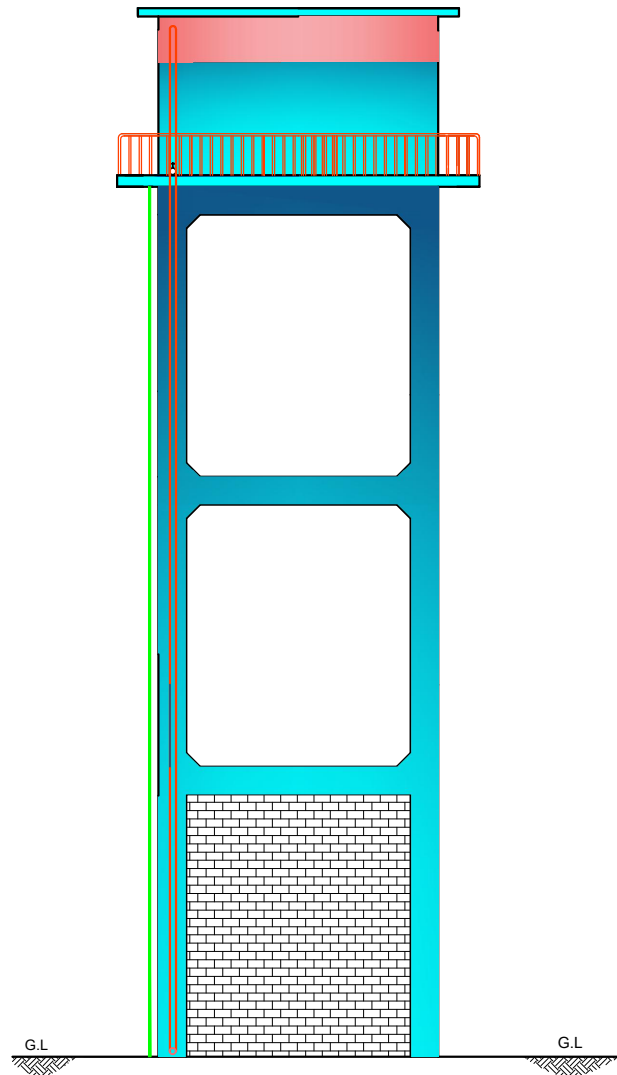
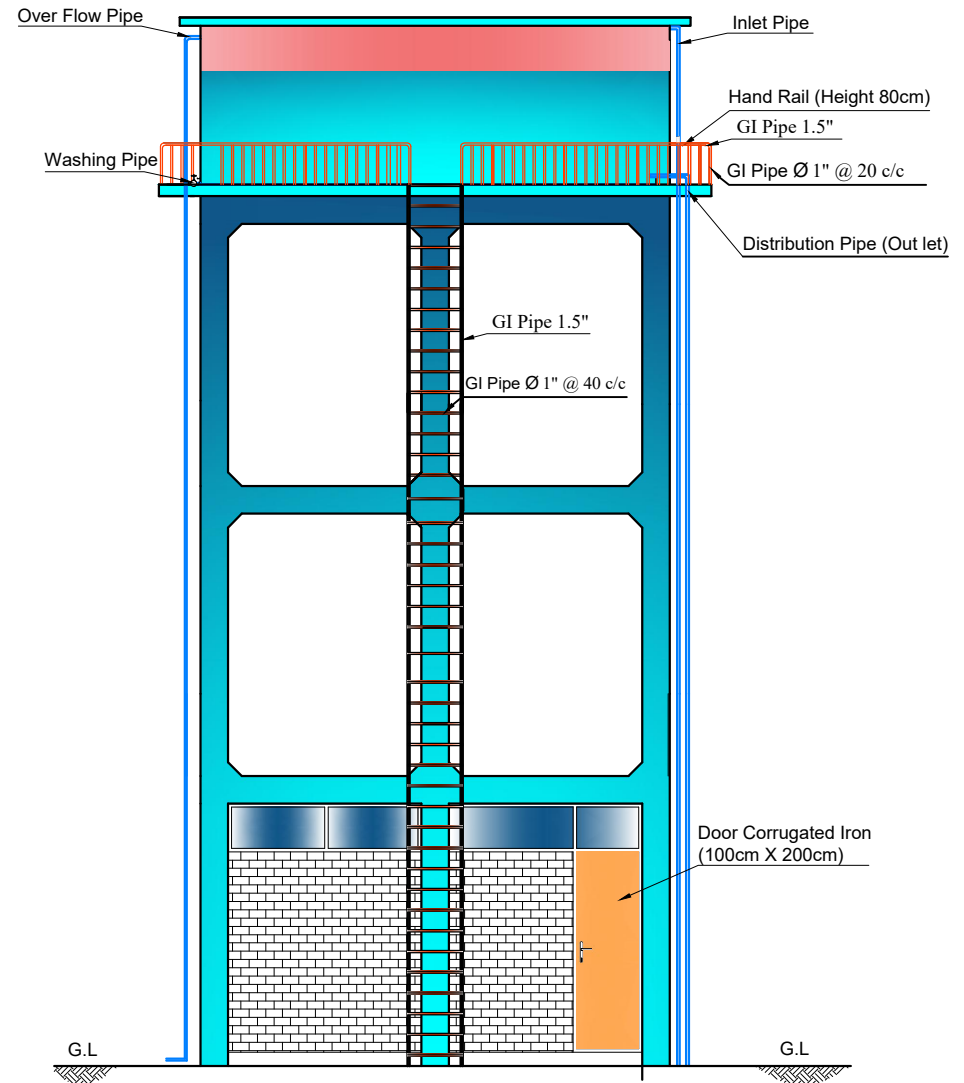



Side View

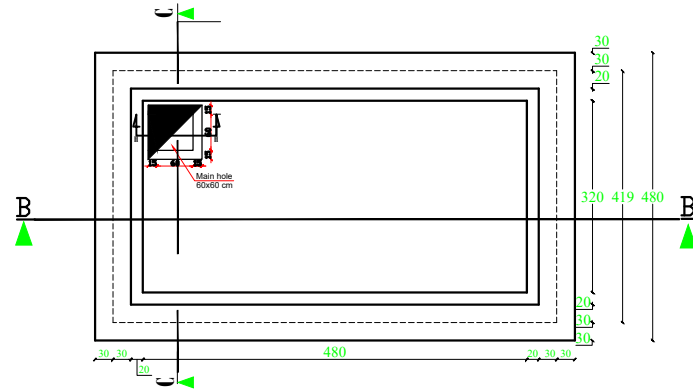


Front View

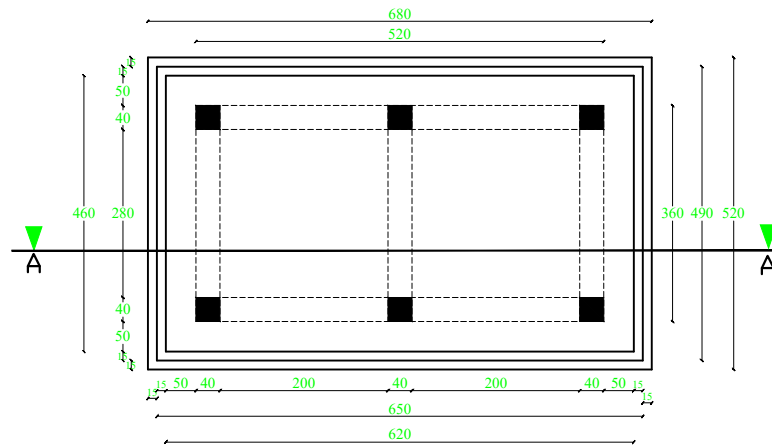


 MEDAIR <small>INTERNATIONAL DEVELOPMENT AGENCY</small>	<div>TIS AFGHANISTAN MEDAIR WASH Development</div> <div>WASH</div>	SURVEYED BY	KHR WASH Team	CHECKED BY	Eng Samiullah Azizi	SCALE	1:xx	SHEET NO. <div>1/11</div>	PROVINCE	Kandahar	PROJECT NAME Hassanzi WASH Project (AF0240)
		DESIGNED BY	KHR WASH Team	REVIEWED BY	Conner Wingerter	DATE			DISTRICT	Zehrai	
		DRAWN BY	KHR WASH Team	APPROVED BY	Conner Wingerter	DRAWING NO			VILLAGE	Hassanzi	DRAWING TITLE Front and Side View of Water Tank

Plan of Reservoir

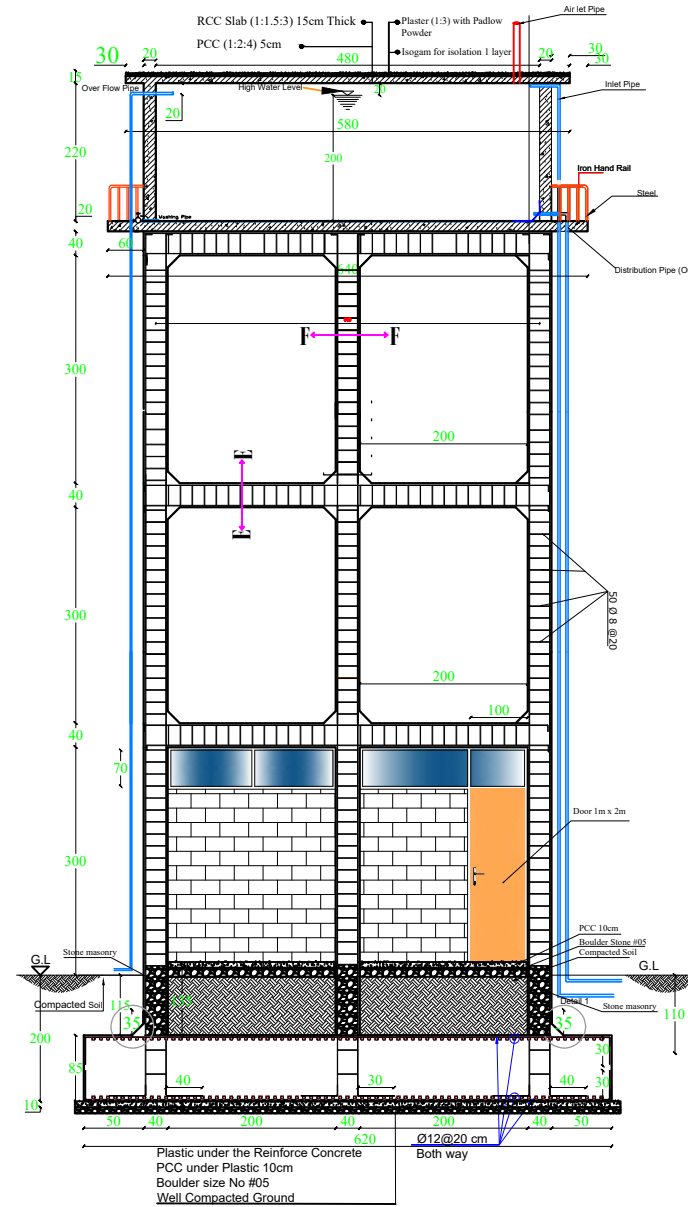


Foundation Plan



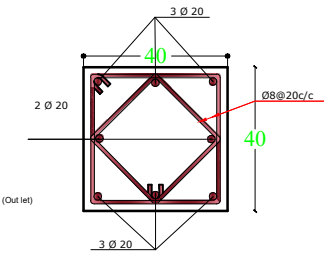
Note:

- 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.

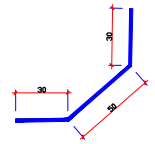


Section A-A

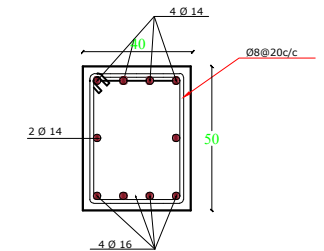
SECTION (F-F)



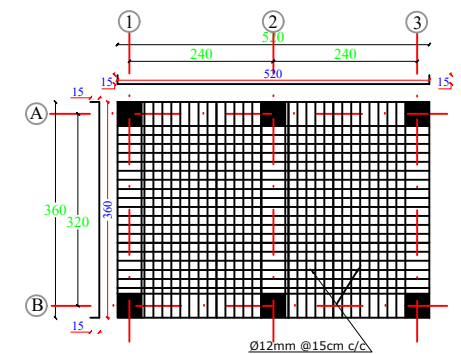
Detail 1

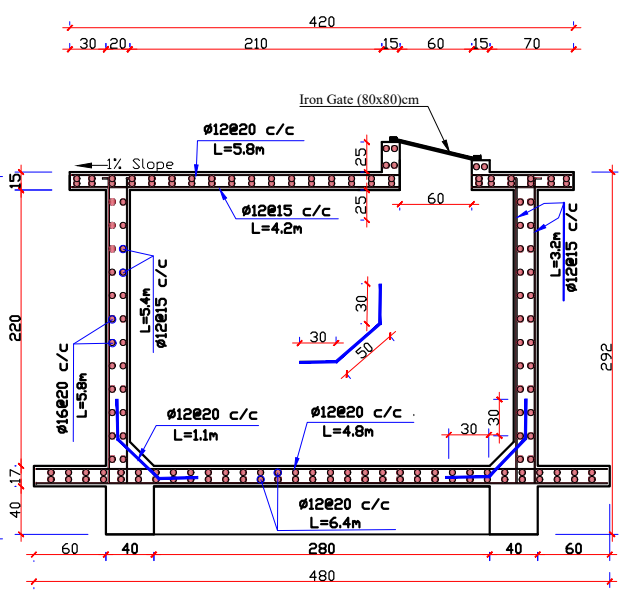
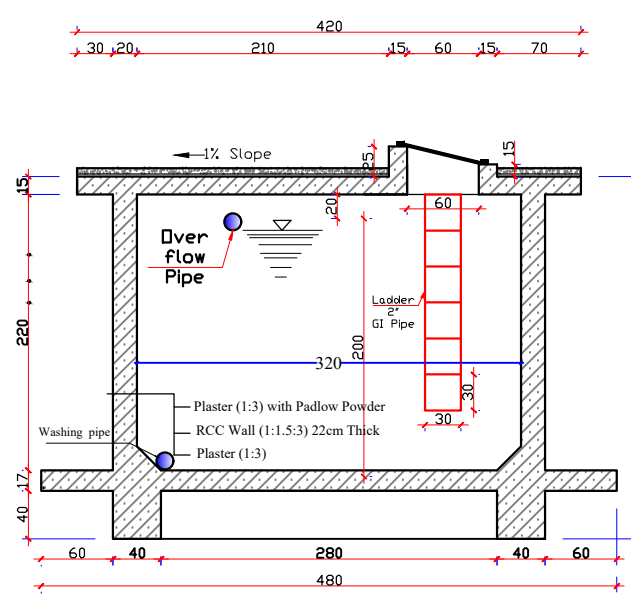
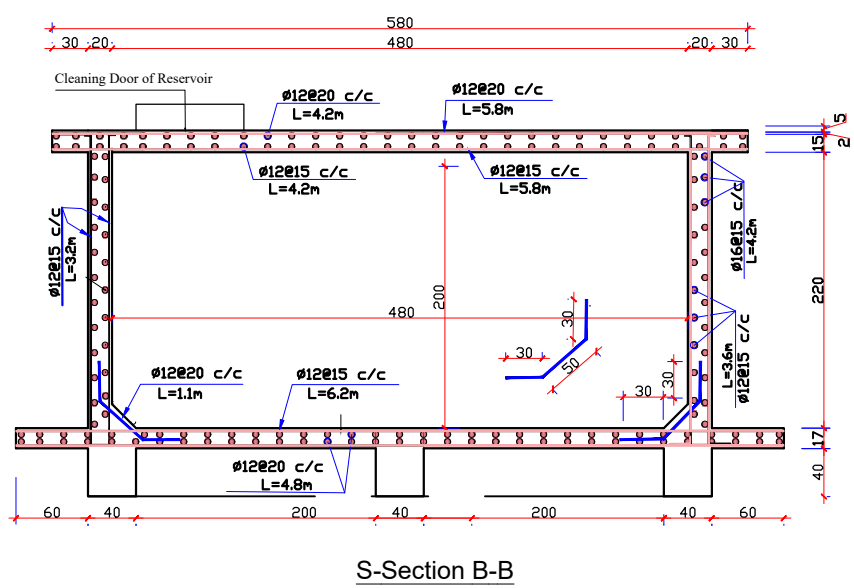
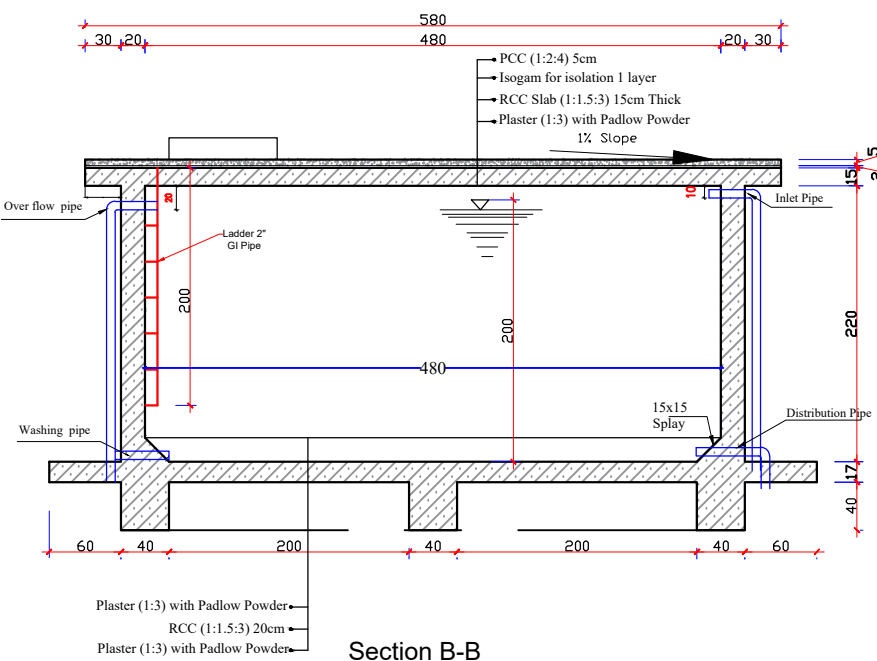


SECTION (E-E)



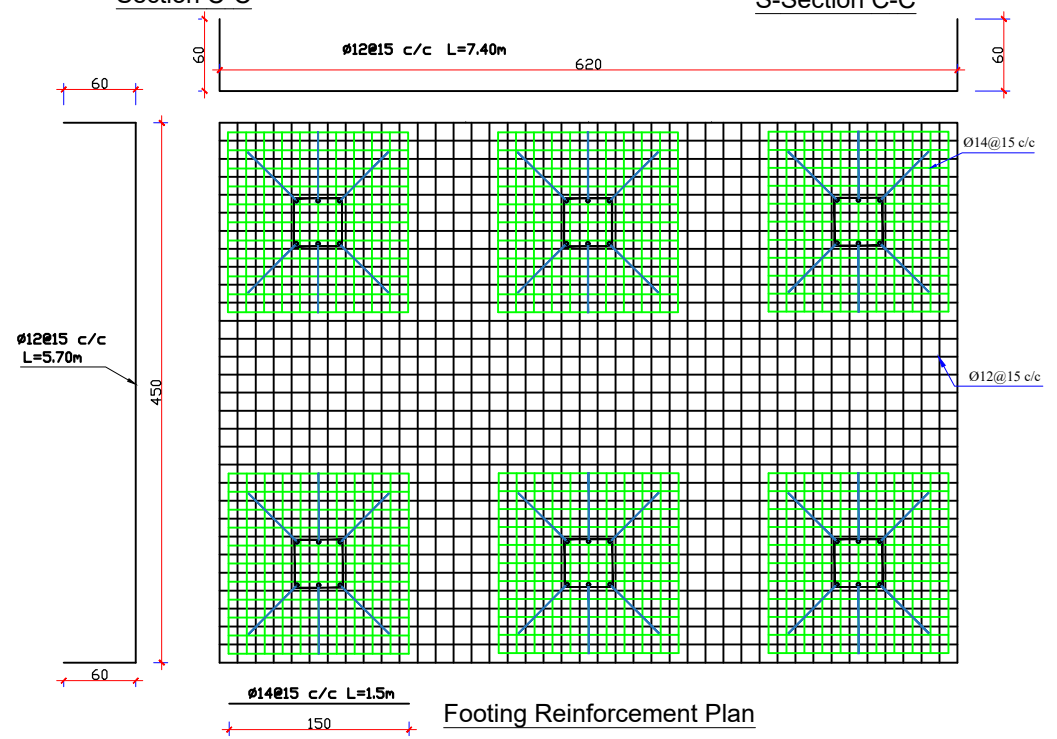
Gurad Room Slab Details





Section C-C

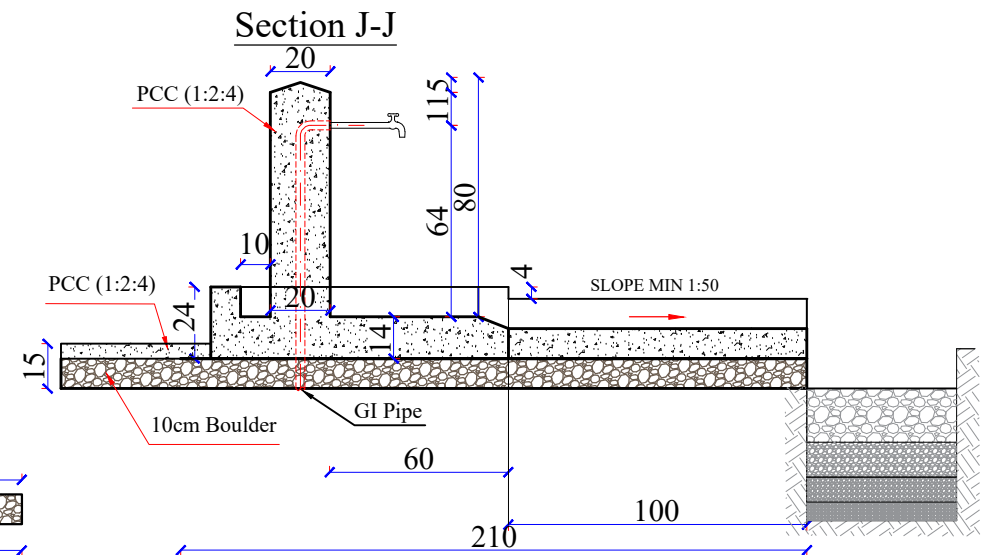
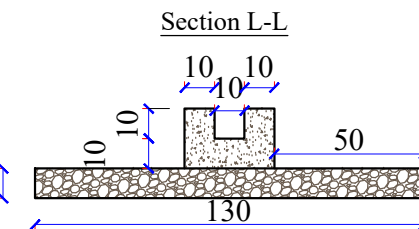
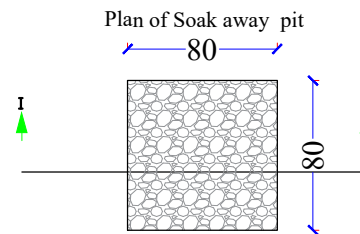
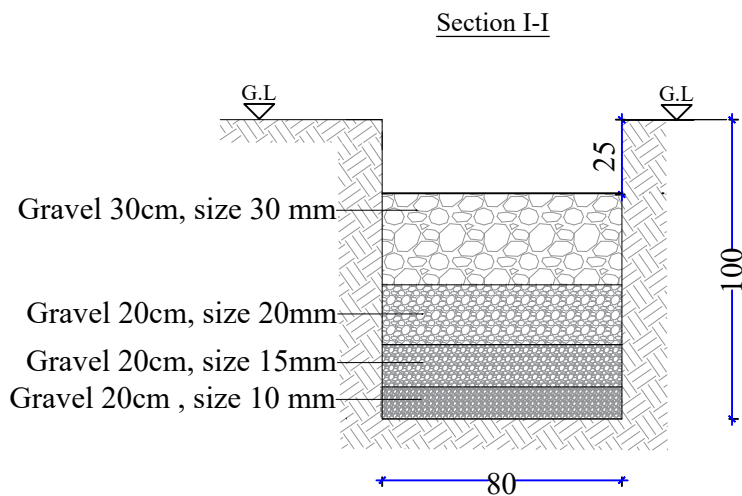
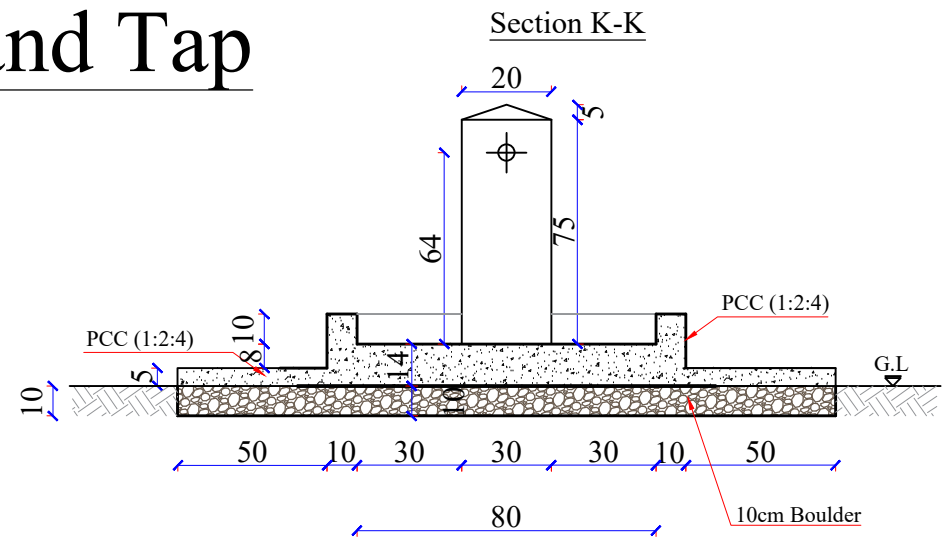
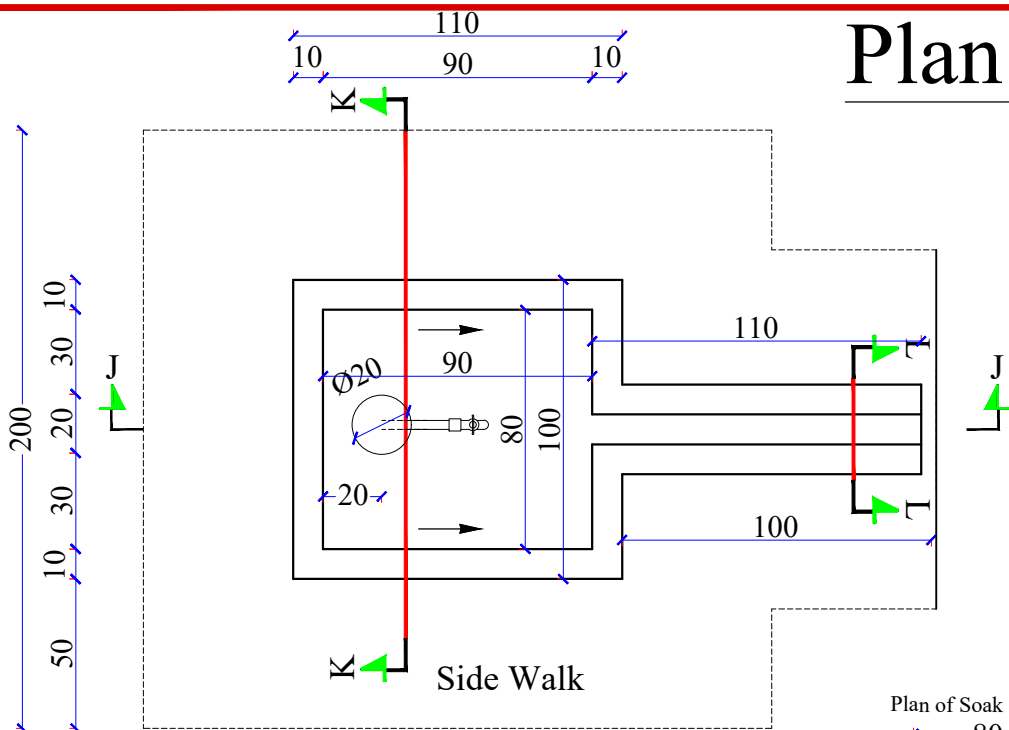
S-Section C-C



Note:
Footing Reinforcement need installed in two layer with same specification

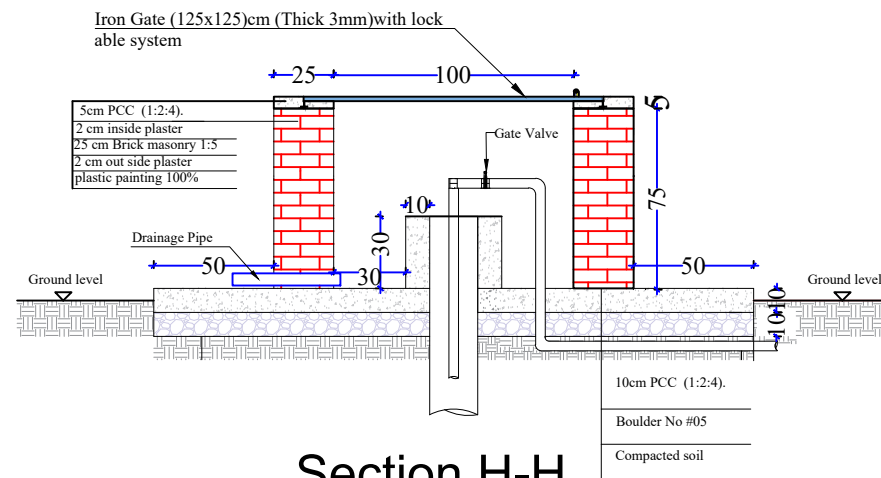
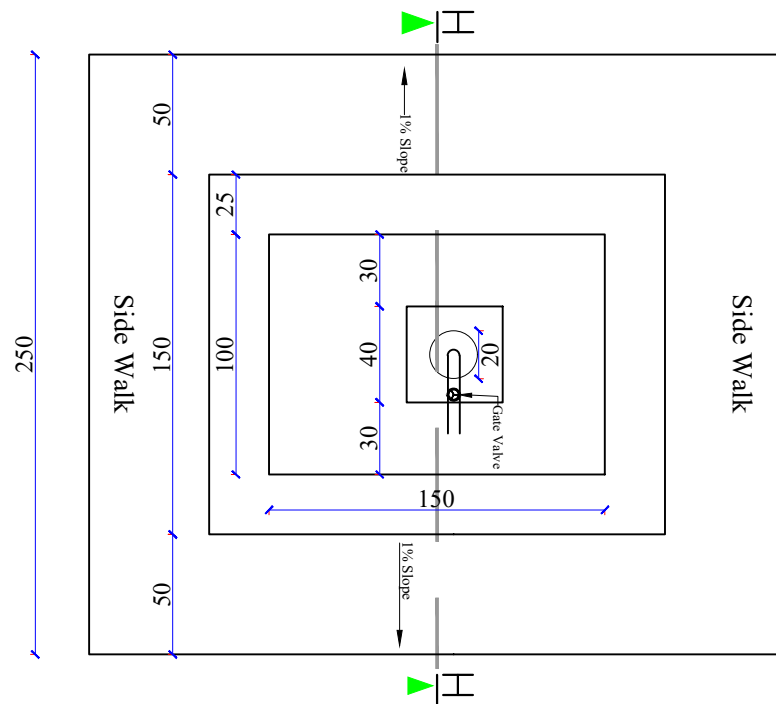
 TIS AFGHANISTAN MEDAIR WASH Development WASH	SURVEYED BY	KHR WASH Team	CHECKED BY	Eng Samiullah Azizi	SCALE	1:XX	SHEET NO. 	PROVINCE	Kandahar	PROJECT NAME Hassanzi WASH Project (AF0240) DRAWING TITLE RCC Structure Design and Drawing
	DESIGNED BY	KHR WASH Team	REVIEWED BY	Conner Wingerter	DATE			DISTRICT	Zehrai	
	DRAWN BY	KHR WASH Team	APPROVED BY	Conner Wingerter	DRAWING NO			VILLAGE	Hassanzi	

Plan of Stand Tap



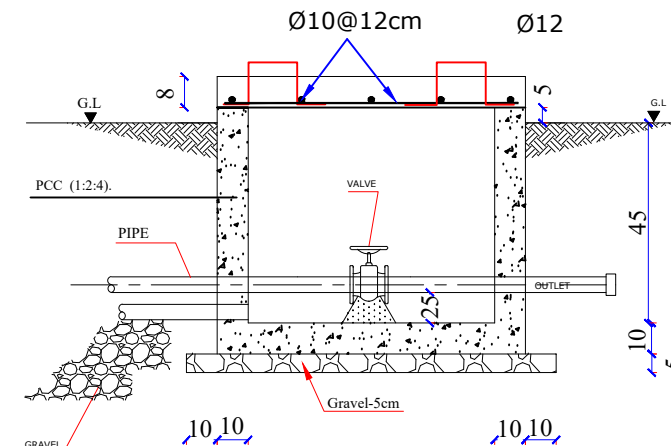
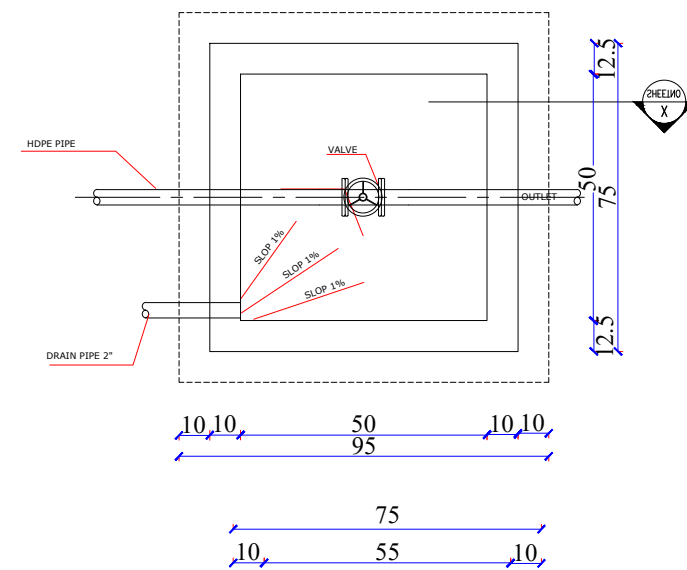
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	WASH		DESIGNED BY	KHR WASH Team	REVIEWED BY	Conner Wingerter	DATE			DISTRICT	Zehrai	
			DRAWN BY	KHR WASH Team	APPROVED BY	Conner Wingerter	DRAWING NO.			VILLAGE	Hassanzi	

Plan of Well Protection



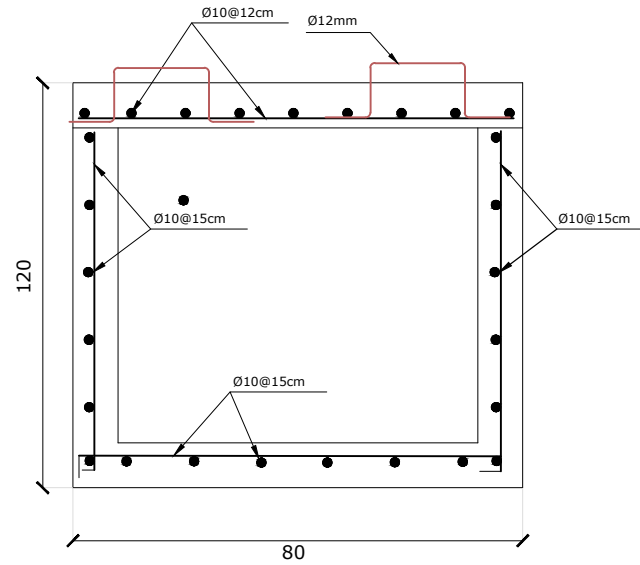
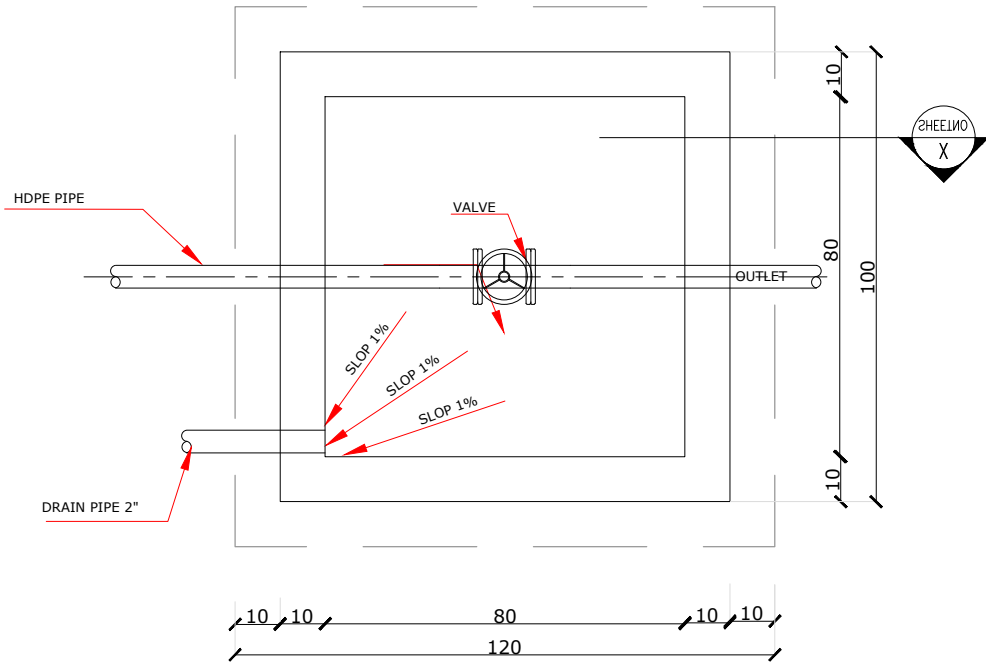
Section H-H

Plan of Stand tap Value Box

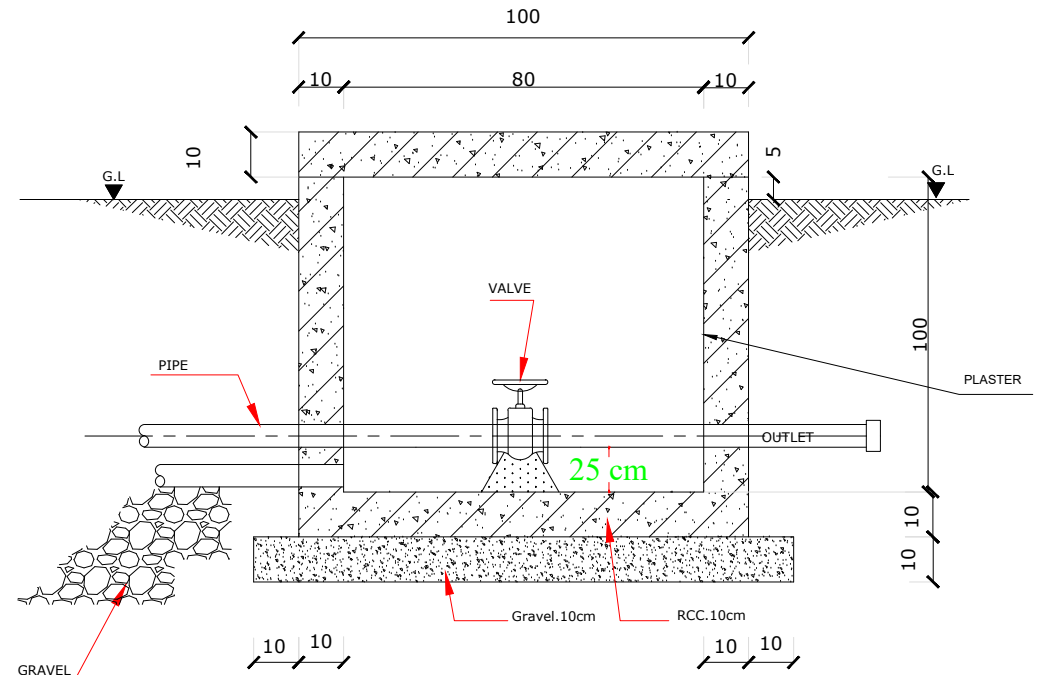
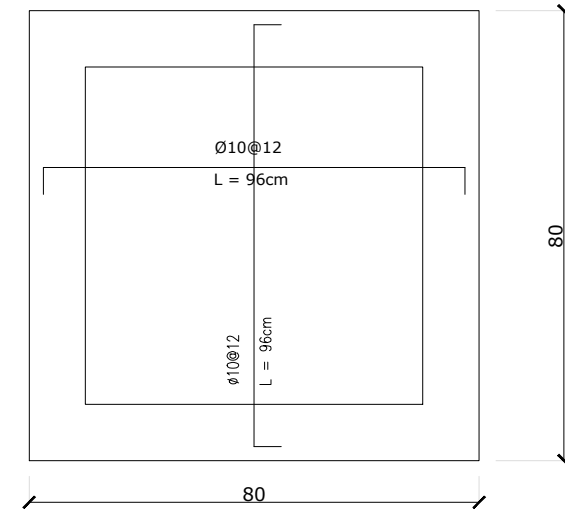


 TIS AFGHANISTAN MEDAIR WASH Development WASH	SURVEYED BY	KHR WASH Team	CHECKED BY	Eng Samiullah Azizi	SCALE	1:XX	SHEET NO. 	PROVINCE	Kandahar	PROJECT NAME Hassanzi WASH Project (AF0240) DRAWING TITLE Well Protection Box Design and Drawing
	DESIGNED BY	KHR WASH Team	REVIEWED BY	Conner Wingerter	DATE			DISTRICT	Zehrai	
	DRAWN BY	KHR WASH Team	APPROVED BY	Conner Wingerter	DRAWING NO			VILLAGE	Hassanzi	

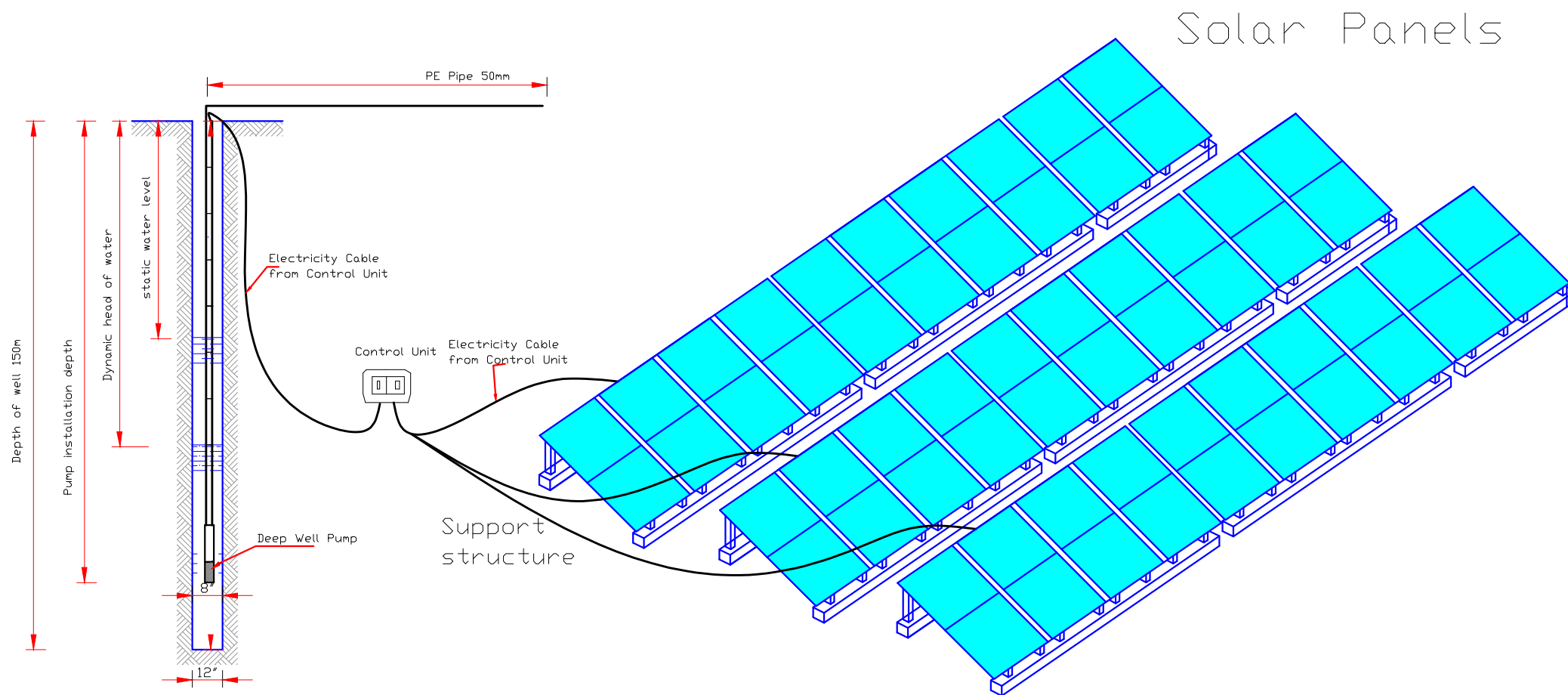
PLAN OF VALVE BOX



REINFORCEMENT DETAIL






Typical Site plan of Solar pump system

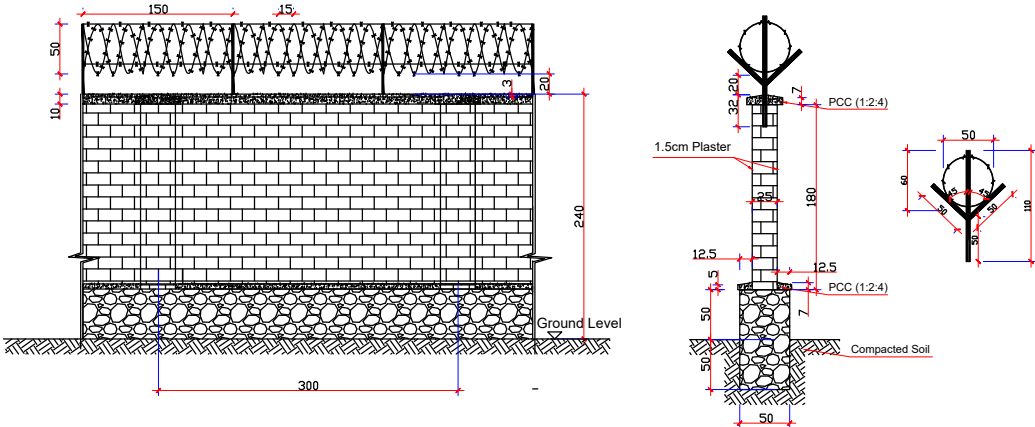


Note:

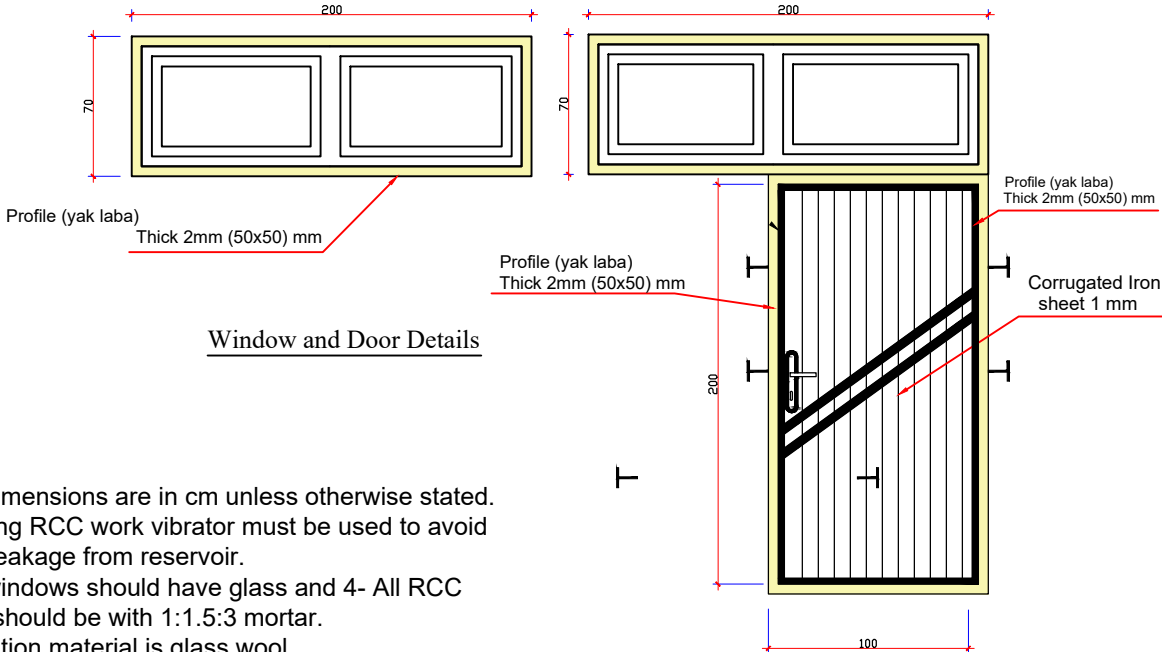
Drilling of well with solar pump for Drinking

 TIS AFGHANISTAN MEDAIR WASH Development 	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	Conner Wingerter	DATE			DISTRICT	Zehrai	Hassanzi WASH Project (AF0240)	
	DRAWN BY	KHR WASH Team	APPROVED BY	Conner Wingerter	DRAWING NO			VILLAGE	Hassanzi	DRAWING TITLE Solar Panels and Deep Well Design	

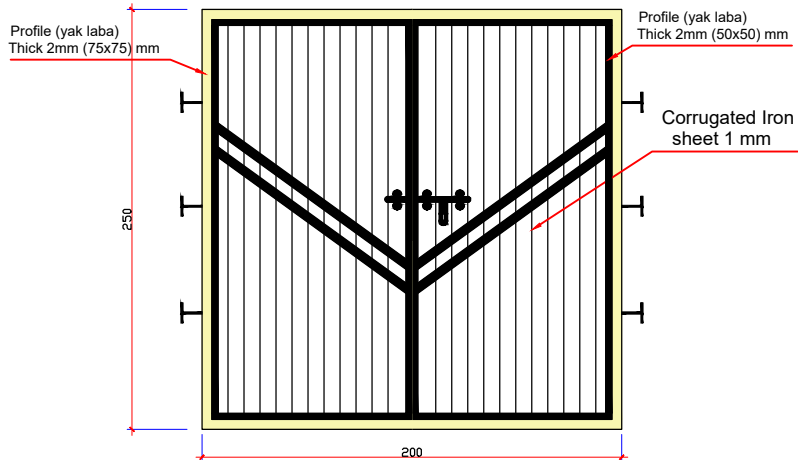
Site Sketch



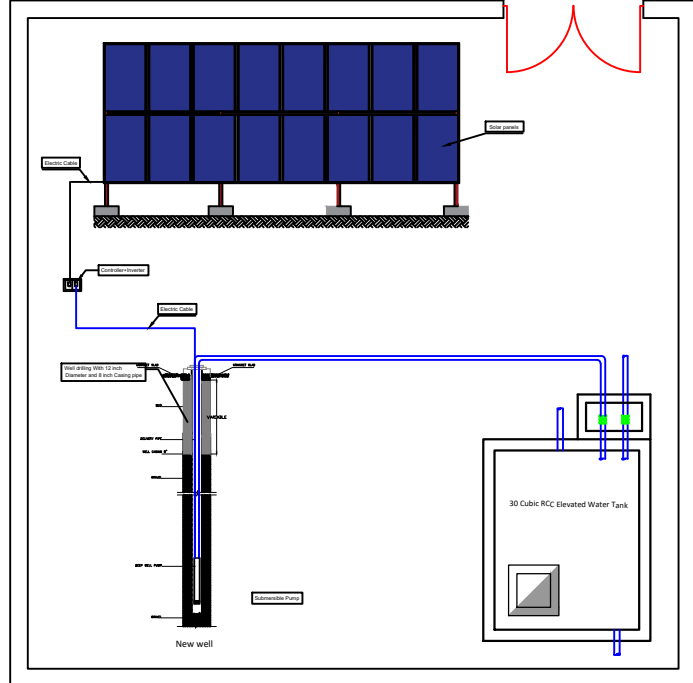
Boundary Wall Details



Window and Door Details



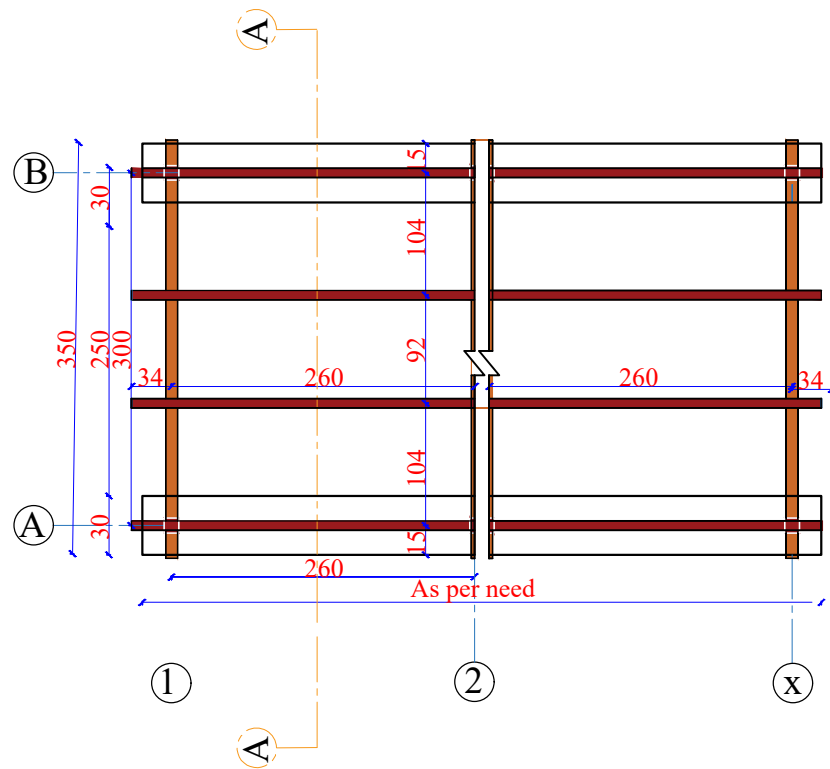
Main Gets of Boundry Wall Details



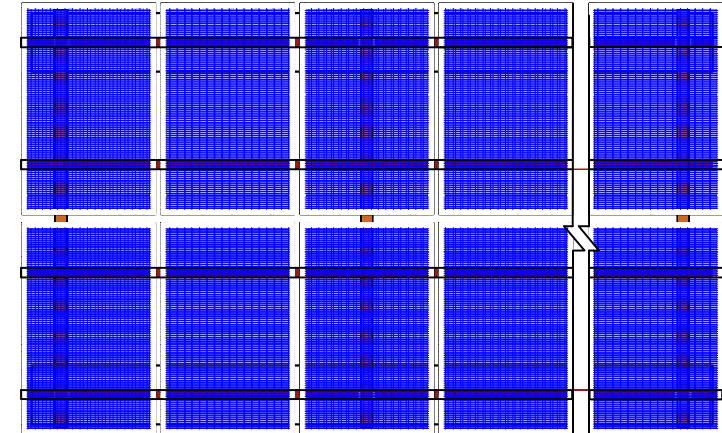
Note:

- 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 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

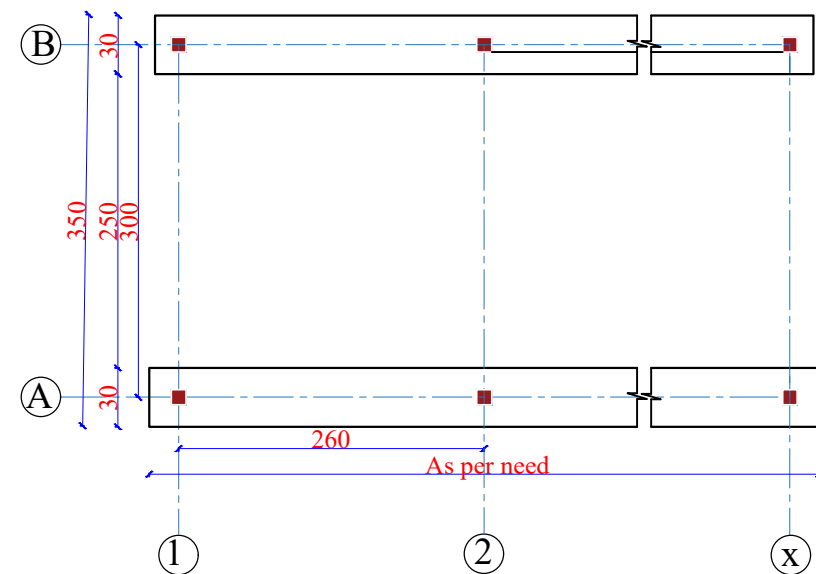
Top View of Frame & Foundation



Top View of 5KW Solar Array





P.C.C Foundation of Solar Panel

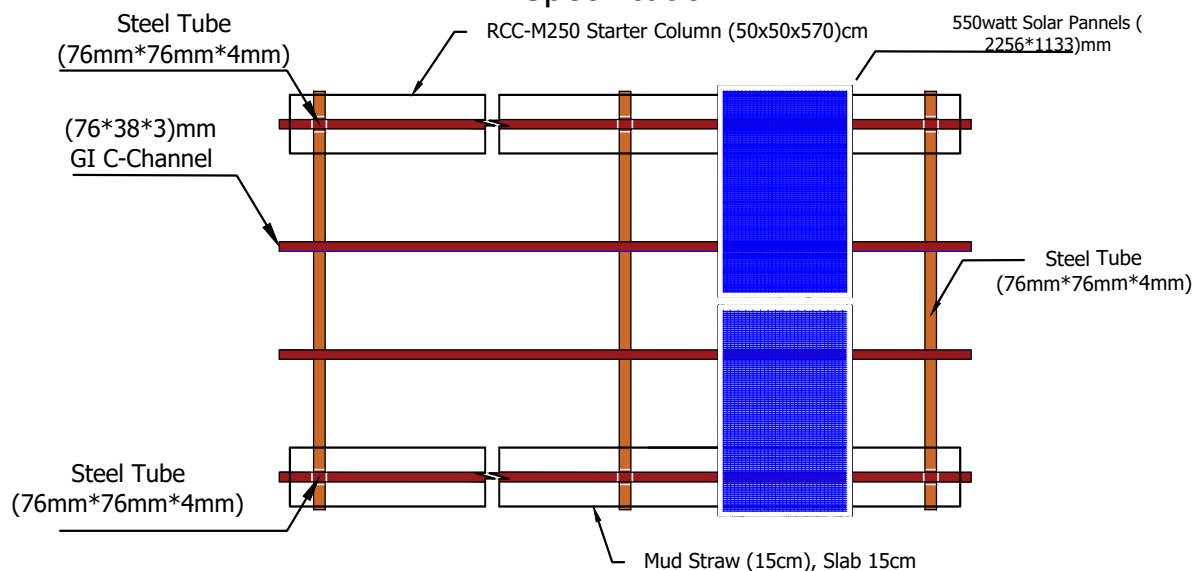


Note:

- 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.

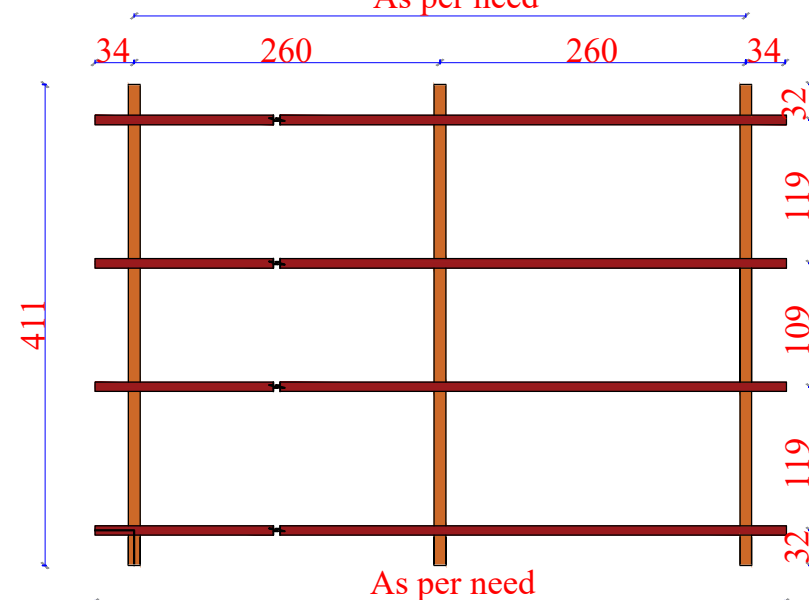
 MEDAIR <small>INDEPENDENT AND HONORABLE</small>	TIS AFGHANISTAN MEDAIR WASH Development WASH	SURVEYED BY	KHR WASH Team	CHECKED BY	Eng Samiullah Azizi	SCALE	1:xx	SHEET NO. 	PROVINCE	Kandahar	PROJECT NAME	Hassanzi WASH Project (AF0240)
		DESIGNED BY	KHR WASH Team	REVIEWED BY	Conner Wingerter	DATE			DISTRICT	Zehrai	DRAWING TITLE	Solar Panels Stand or Support Structure
		DRAWN BY	KHR WASH Team	APPROVED BY	Conner Wingerter	DRAWING NO			VILLAGE	Hassanzi		

Top View Solar Panel with Frame Specification



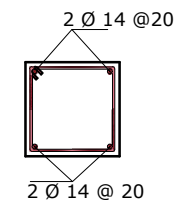
Length of Each Top Support Beams from Steel

As per need

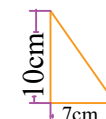


Steel Required for Solar Mounting Structure

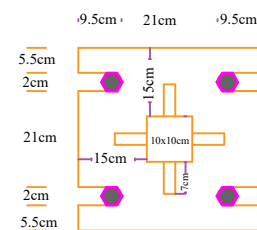
Materials	Item	Description	Shape
Iron Steel	Tube (Box)	TUB30303	
Iron Steel	Tube (Box)	TUB30203	
Iron Steel	Tube (Box)	TUB20203	
G.I. Steel	Channel	C3X6	
Iron Steel	L. Irone	L20208	



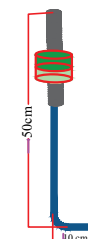
SECTION (O-O)



Column Fixing Side Iron Sheet

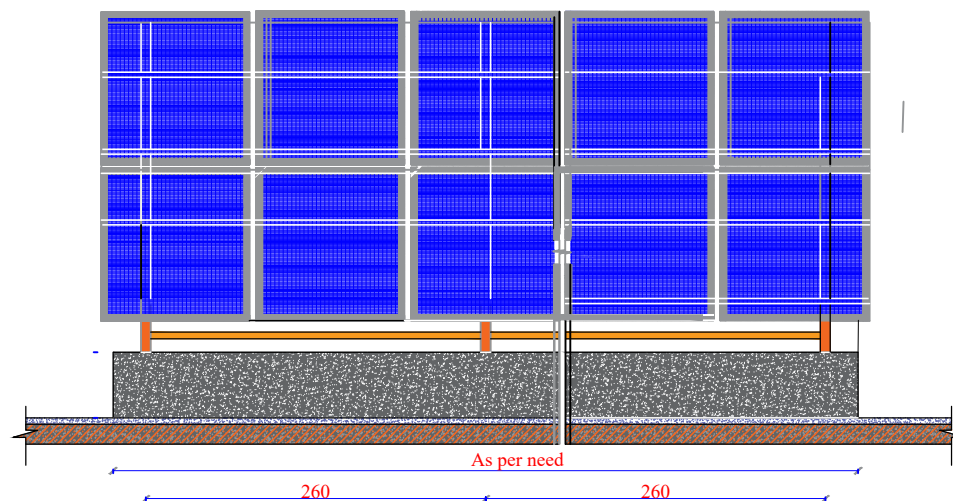


Column Fixing Iron Sheet

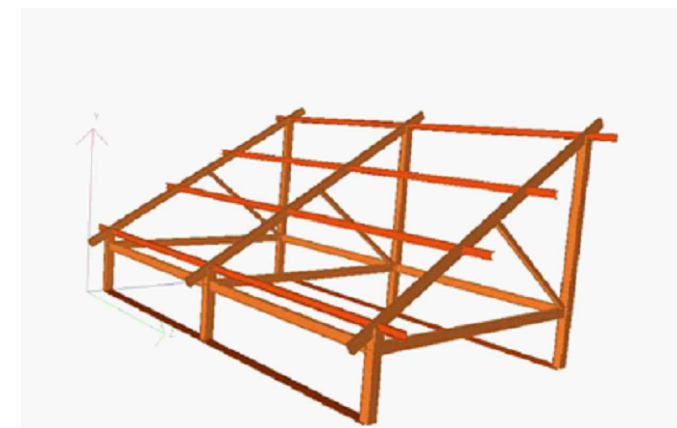


Anchore Bolt Details

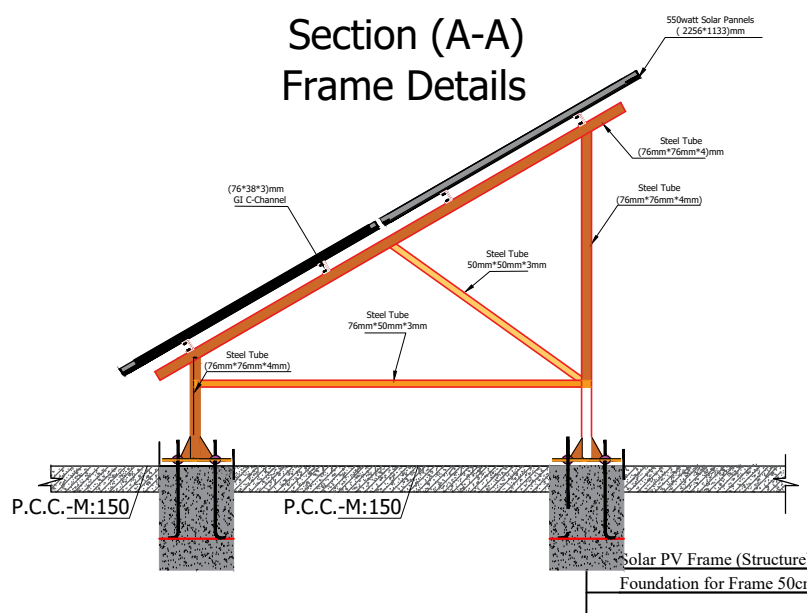
Front View 5KW Solar Array



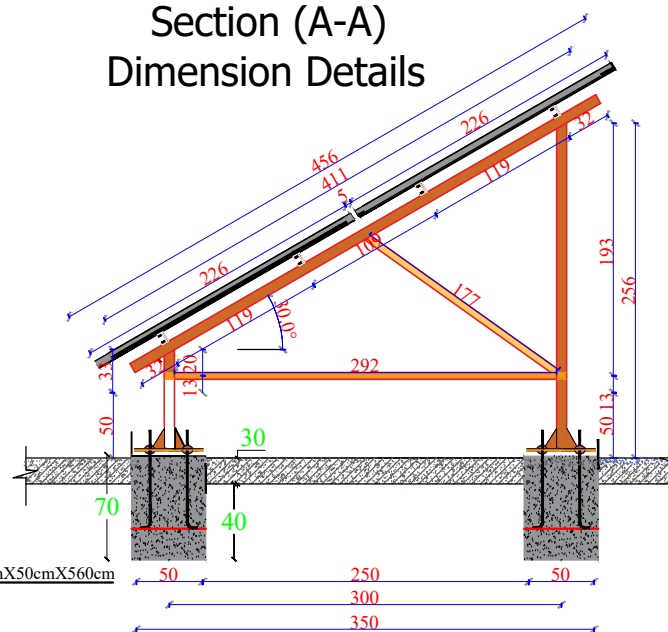
3D Model From Design File



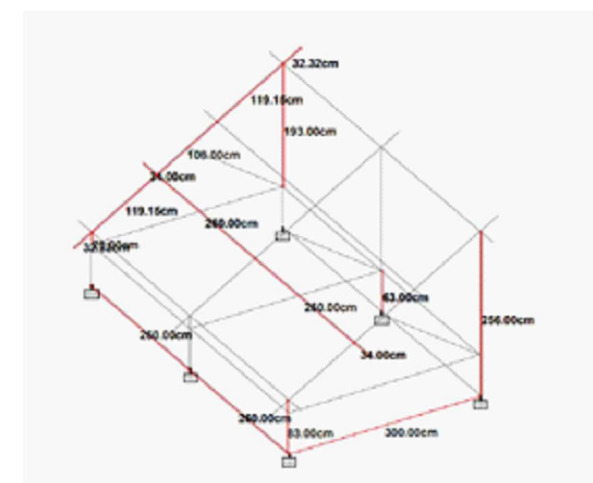
Section (A-A) Frame Details


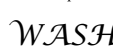


Section (A-A) Dimension Details



3D Model Dimension From Design File



 MEDAIR <small>EMERGENCY RELIEF AND DEVELOPMENT</small>	TIS AFGHANISTAN MEDAIR WASH Development		SURVEYED BY	KHR WASH Team	CHECKED BY	Eng Samiullah Azizi	SCALE	1:xx	<div style="border: 1px solid black; padding: 5px; text-align: center;"> SHEET NO. 11/11 </div>	PROVINCE	Kandahar	PROJECT NAME
	 WASH		DESIGNED BY	KHR WASH Team	REVIEWED BY	Conner Wingerter	DATE			DISTRICT	Zehrai	Hassanzi WASH Project (AF0240)
			DRAWN BY	KHR WASH Team	APPROVED BY	Conner Wingerter	DRAWING NO			VILLAGE	Hassanzi	DRAWING TITLE
												Solar Panels Stand or Support Structure