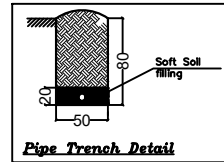
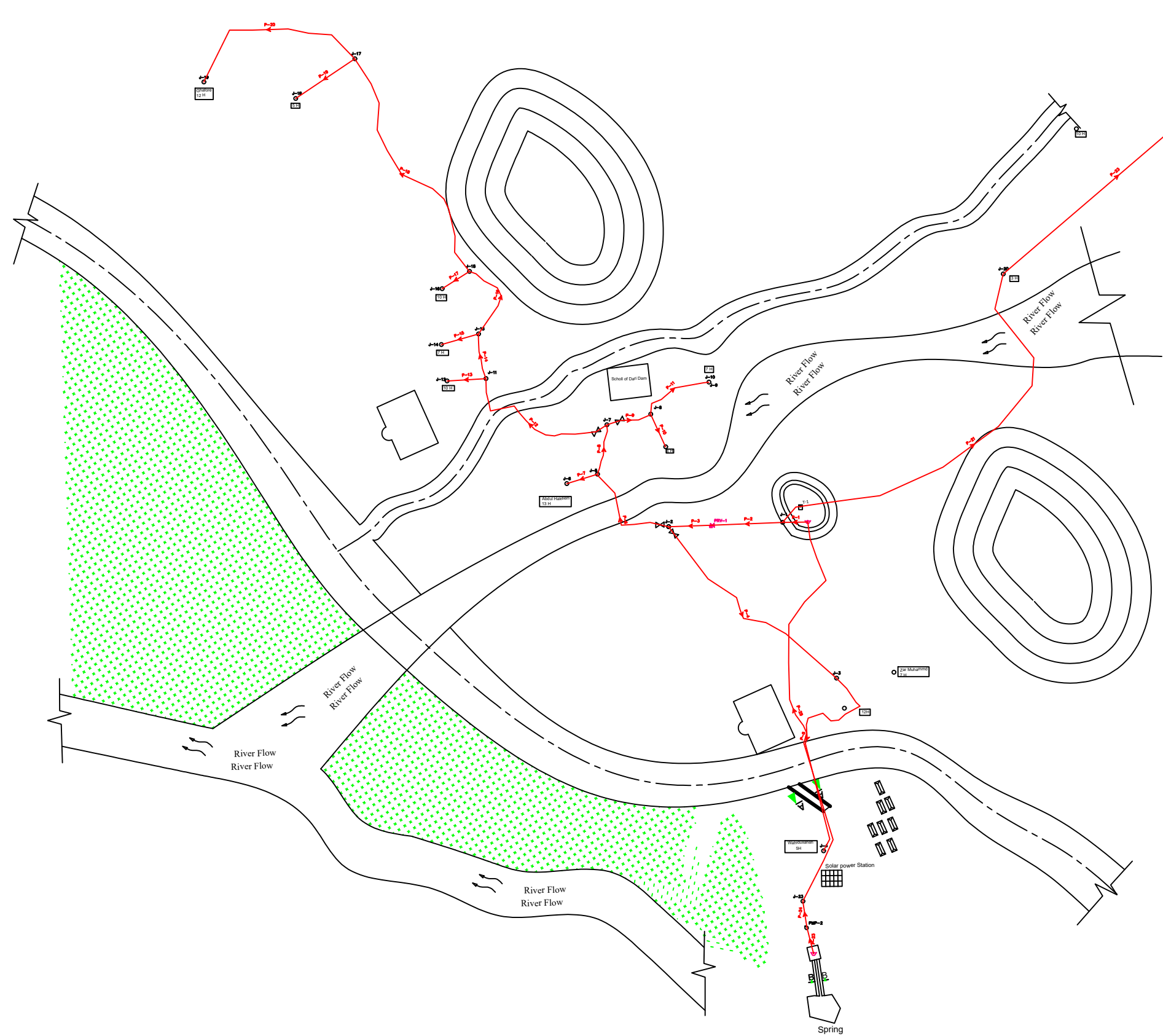
	Islamic Relief Worldwide			Surveyed by	WASH team	<div>SHEET NO.<div>117</div></div>	PROVINCE	Kunar	WISH Project
	WASH Initiative for Strengthening Health (WISH)			Drawing & designed by	Matiullah Ghafaree		DISTRICT	Marawara	
	Department	WASH	All dimension in cm otherwise stated	Review & check by	Eng. M. Tahir "Safi"		VILLAGE	Dari Dam	
	Drawing Title	Being Map Site Plan		Approved by	Eng. Shah Faisal		07-May-2024		





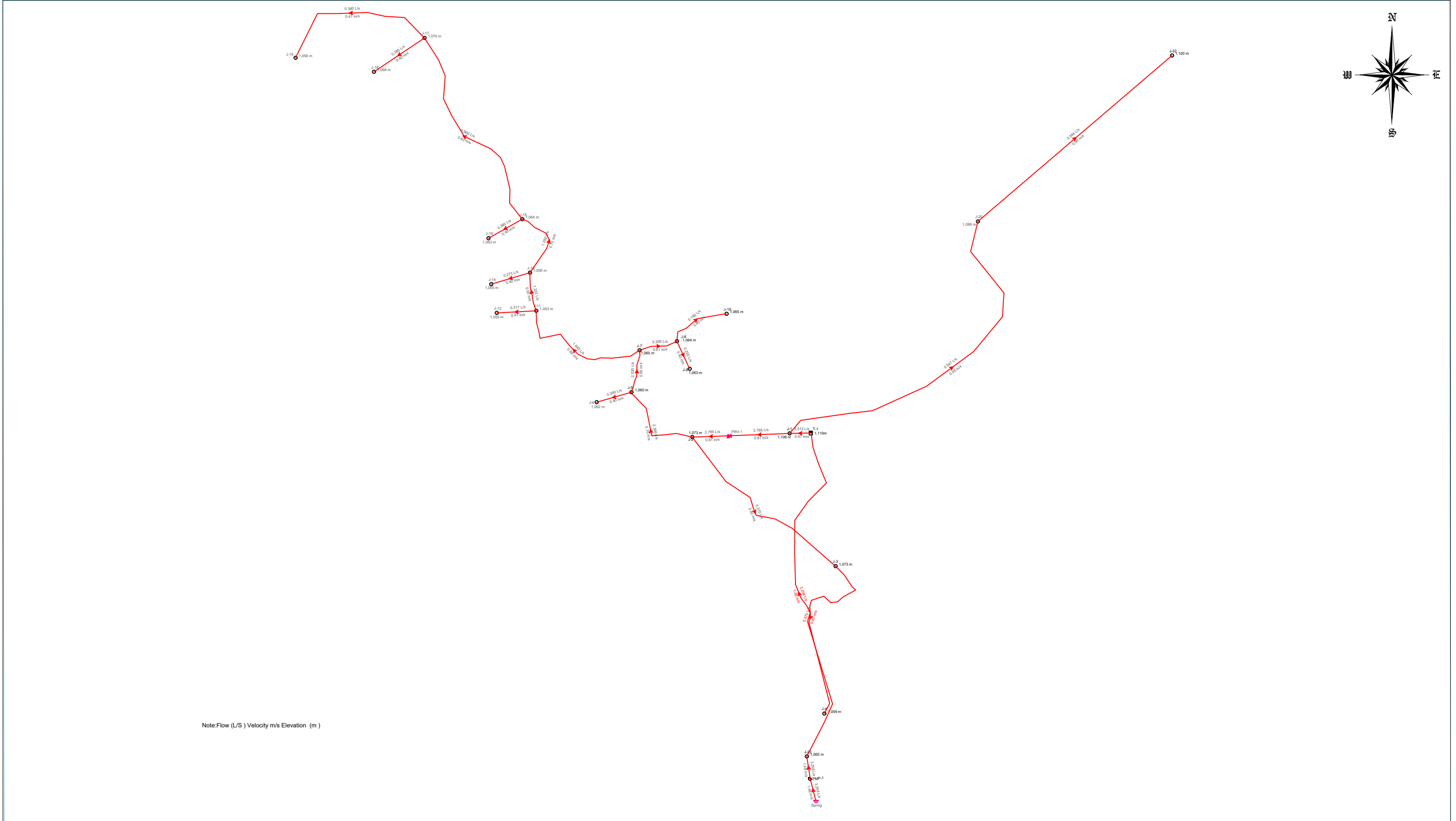
Point Table				
Point#	Elevation	Latitude	Longitude	Description
1	1100	34.86965303	71.21946501	Reservoir
2	1062	34.86605602	71.21958302	Spring collection

Main pipe	
Tap	
Joint	
PRV	
School	
Solar Panal	
Control valve	
Cemetery	
Hill	
Agricultural Land	


Note
Type of Soil #3 to #5
population 1750
House Number 94 House 2 Mosque
High School 1
Spring

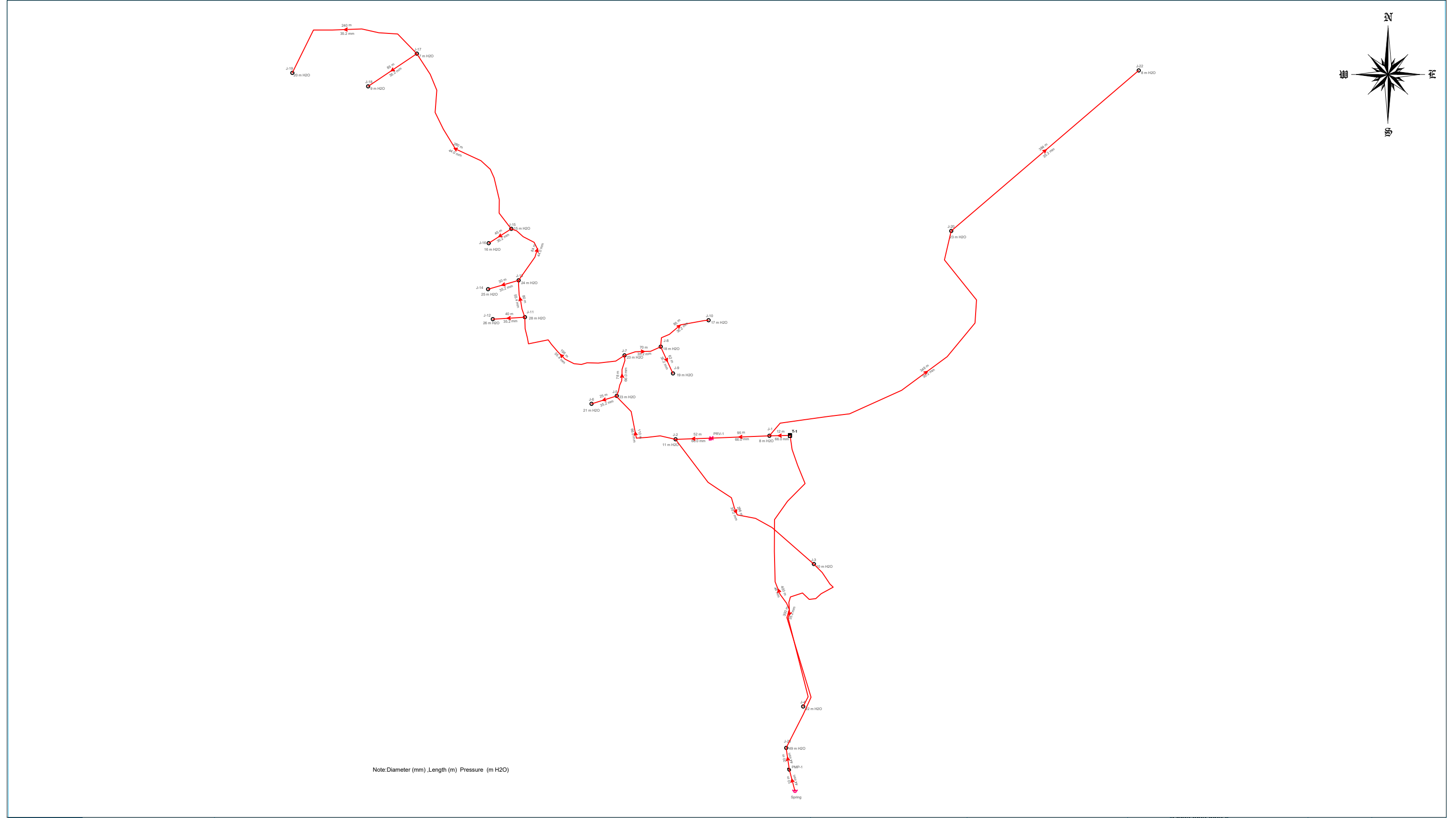



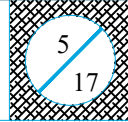
	IRW	Islamic Relief Worldwide			Surveyed by	WASH team	SHEET NO. 	PROVINCE	Kunar	WISH Project
		WASH Initiative for Strengthening Health (WISH)			Drawing & designed by	Matiullah Ghafaree		DISTRICT	Marawara	
		Department	WASH	All dimension in cm otherwise stated	Review & check by	Eng. M. Tahir "Safi"		VILLAGE	Dari Dam	
		Drawing Title	Site Plan		Approved by	Eng. Shah Faisal		07-May-2024		



Note:Flow (L/S) Velocity m/s Elevation (m)

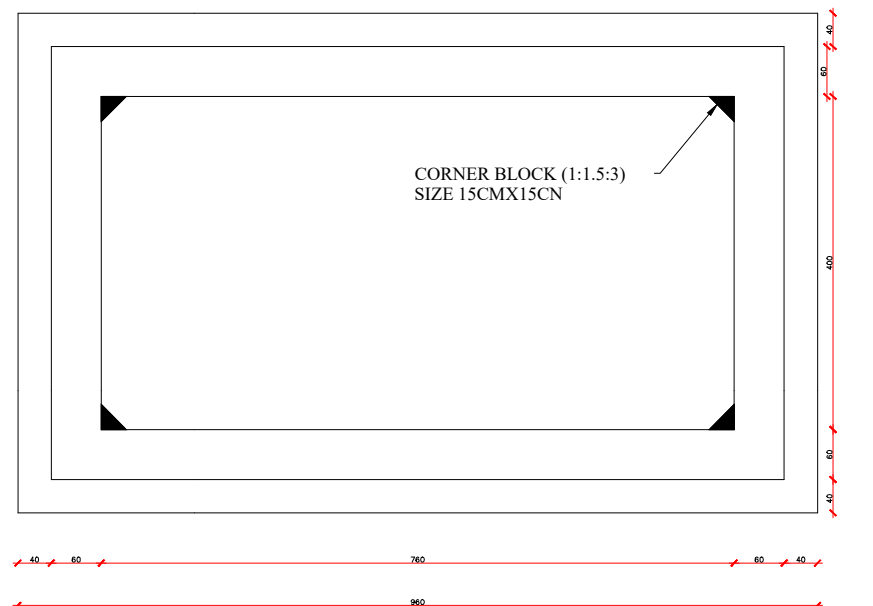
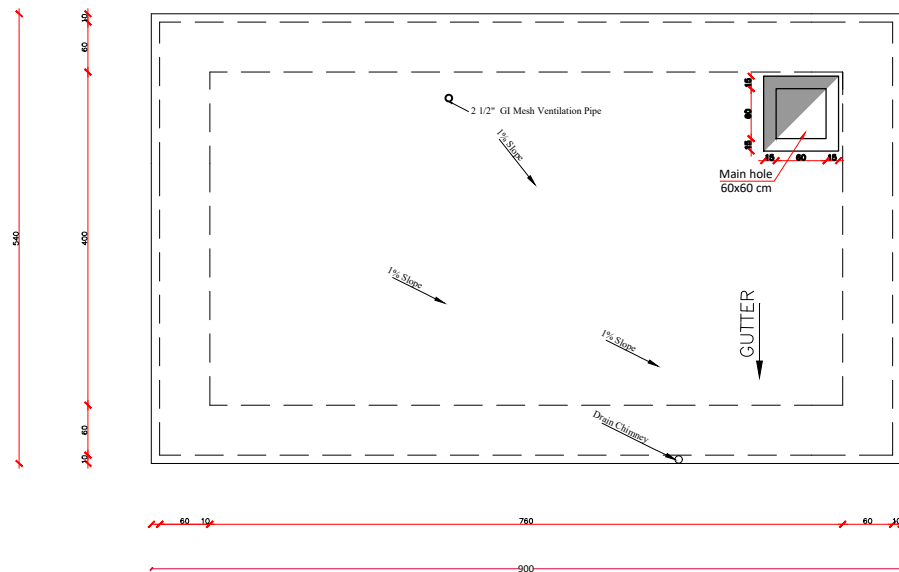
	IRW		Islamic Relief Worldwide			Surveyed by	WASH team	<div>SHEET NO.</div> <div><div>3</div><div>17</div></div>	PROVINCE	Kunar	WISH Project
			WASH Initiative for Strengthening Health (WISH)			Drawing & designed by	Matiullah Ghafaree		DISTRICT	Marawara	
	Department	WASH	All dimension in cm otherwise stated	Review & check by	Eng. M. Tahir "Safi"	07-May-2024	VILLAGE		Dari Dam		
	Drawing Title	Flow, Velocity and Pressure Elevation		Approved by	Eng. Shah Faisal						



 <div>IRW</div>	Islamic Relief Worldwide WASH Initiative for Strengthening Health (WISH)			Surveyed by	WASH team	SHEET NO.  07-May-2024	PROVINCE	Kunar	WISH Project
	Department	WASH		Drawing & designed by	Matiullah Ghafaree		DISTRICT	Marawara	
	Drawing Title	Length, in diameter and Pressure		Review & check by	Eng. M. Tahir "Safi"		VILLAGE	Dari Dam	
	All dimension in mm, m, otherwise stated			Approved by	Eng. Shah Faisal				



Roof Drain Plan



IRW

Islamic Relief Worldwide
WASH Initiative for Strengthening Health (WISH)

Department WASH
Drawing Title Water reservoir Darin plan

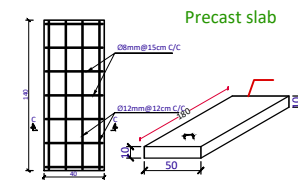
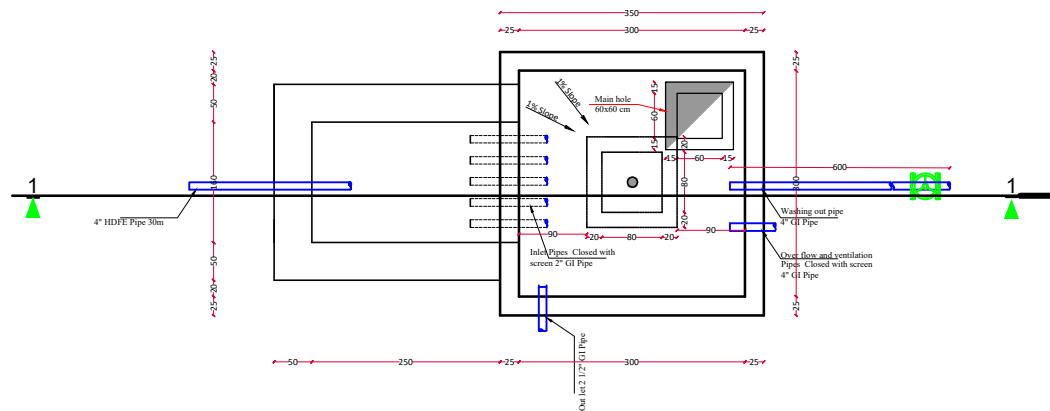
All dimension in cm
otherwise stated

Surveyed by WASH team
Drawing & designed by Matiullah Ghafaree
Review & check by Eng. M. Tahir "Safi"
Approved by Eng. Shah Faisal

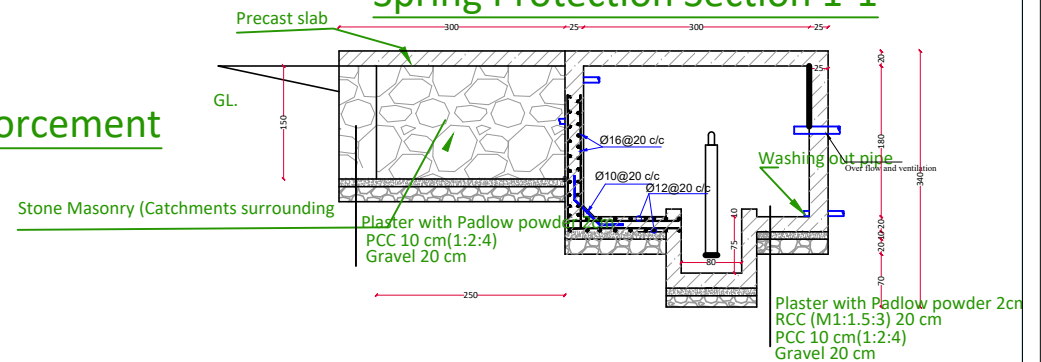
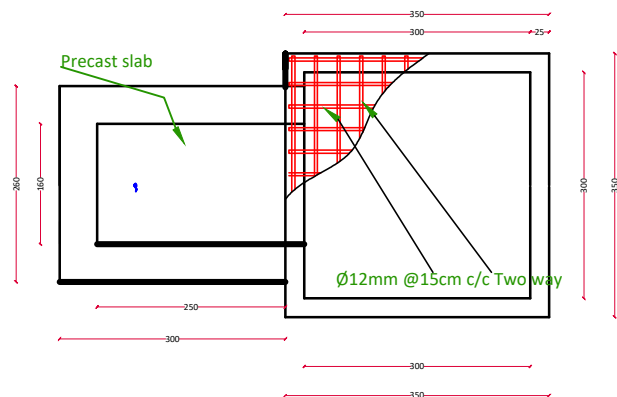
SHEET NO. 8/17
7-May-2024

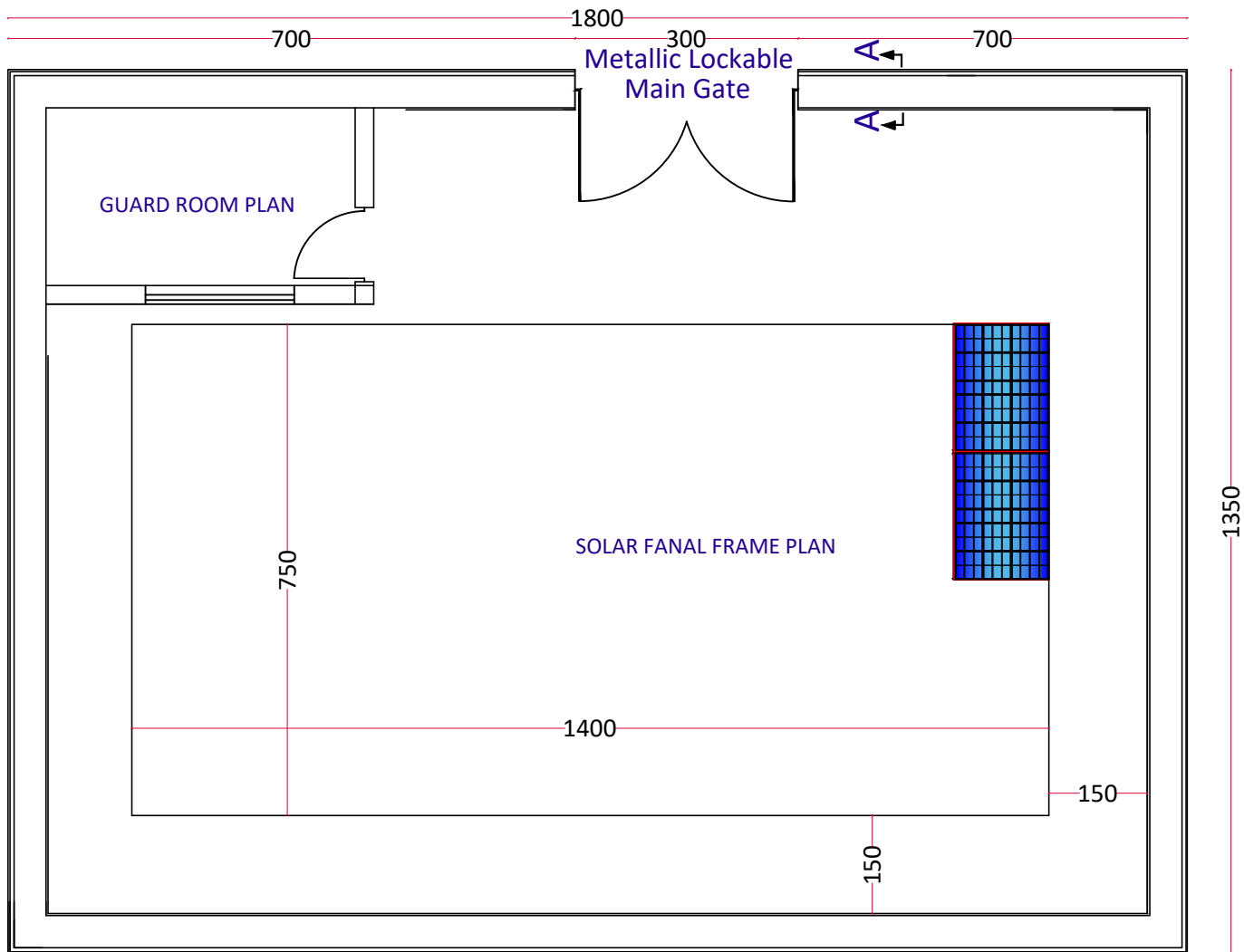
PROVINCE Kunar
DISTRICT Marawara
VILLAGE Dari Dam

WISH
Project



Spring Protection Section 1-1





IRW

Islamic Relief Worldwide
WASH Initiative for Strengthening Health (WISH)

Department	WASH
Drawing Title	Boundary wall and Guard room plan

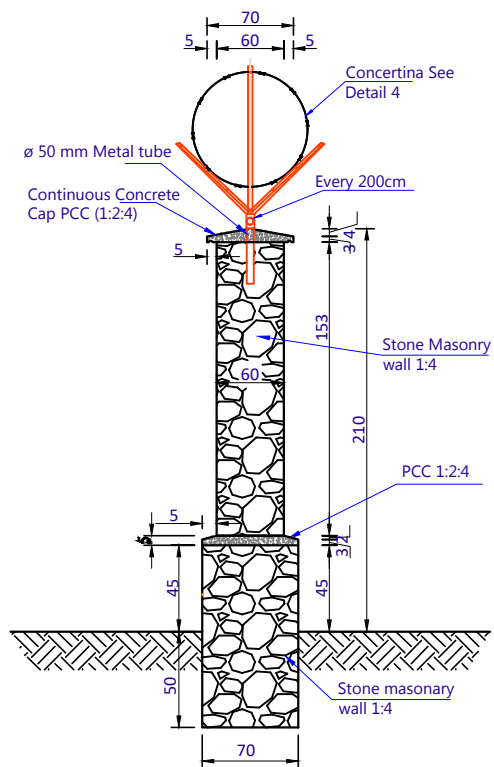
All dimension in cm
otherwise stated

Surveyed by	WASH team
Drawing & designed by	Matiullah Ghafaree
Review & check by	Eng. M. Tahir "Safi"
Approved by	Eng. Shah Faisal

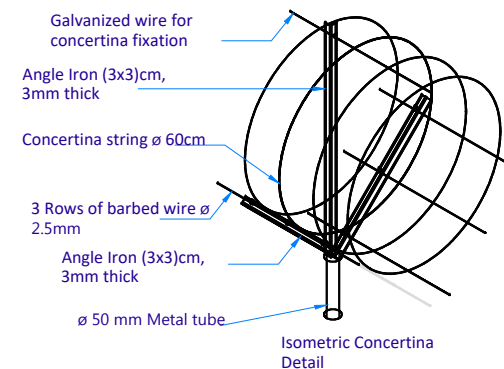
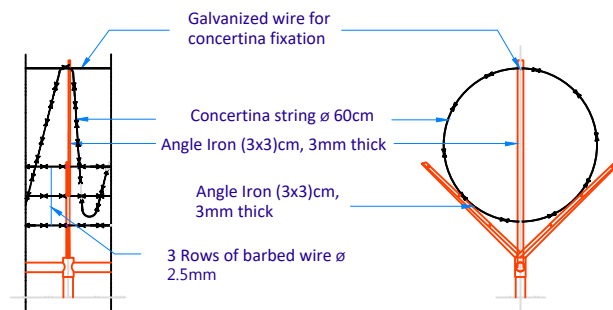
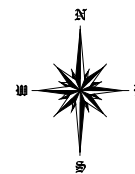
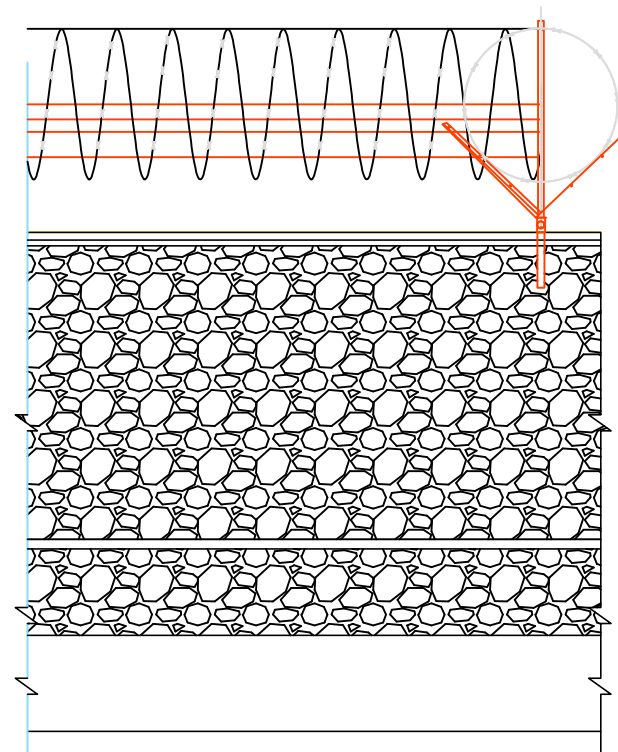
SHEET NO.	11/18
05-May-2024	

PROVINCE	Kunar
DISTRICT	Marawara
VILLAGE	Lahor Dag

WISH
Project



Section A-A



IRW

Islamic Relief Worldwide
WASH Initiative for Strengthening Health (WISH)

Department WASH
Drawing Title boundary section and barbed wire plan

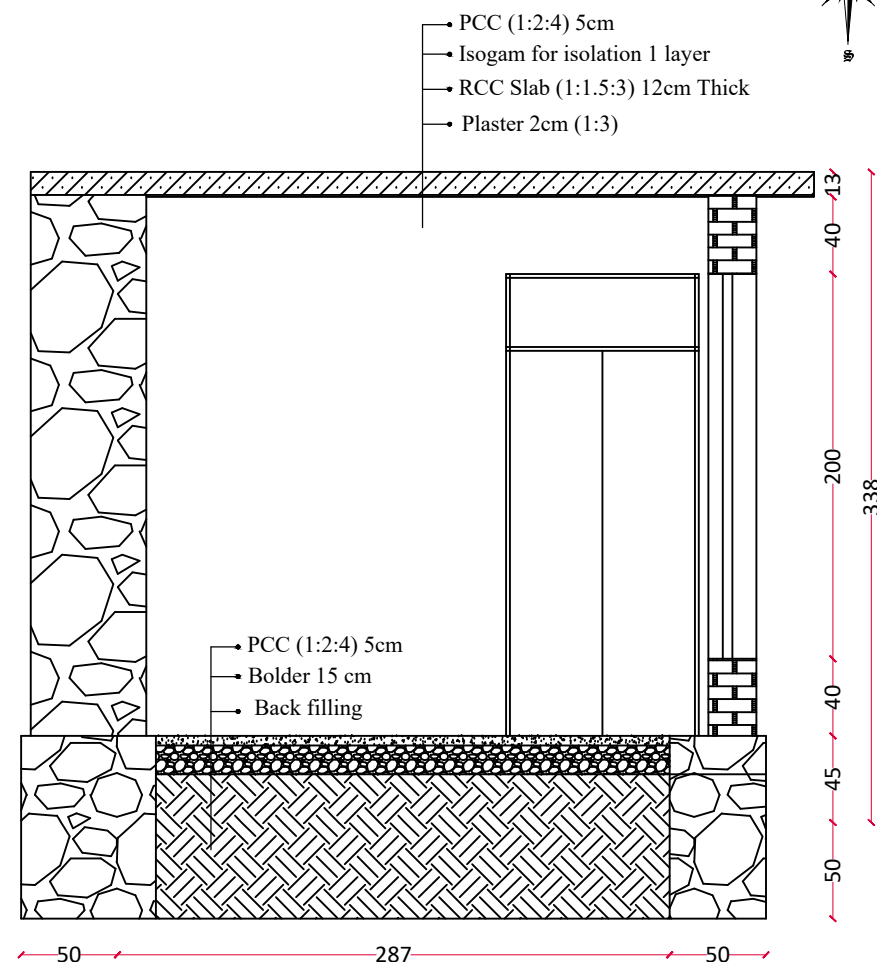
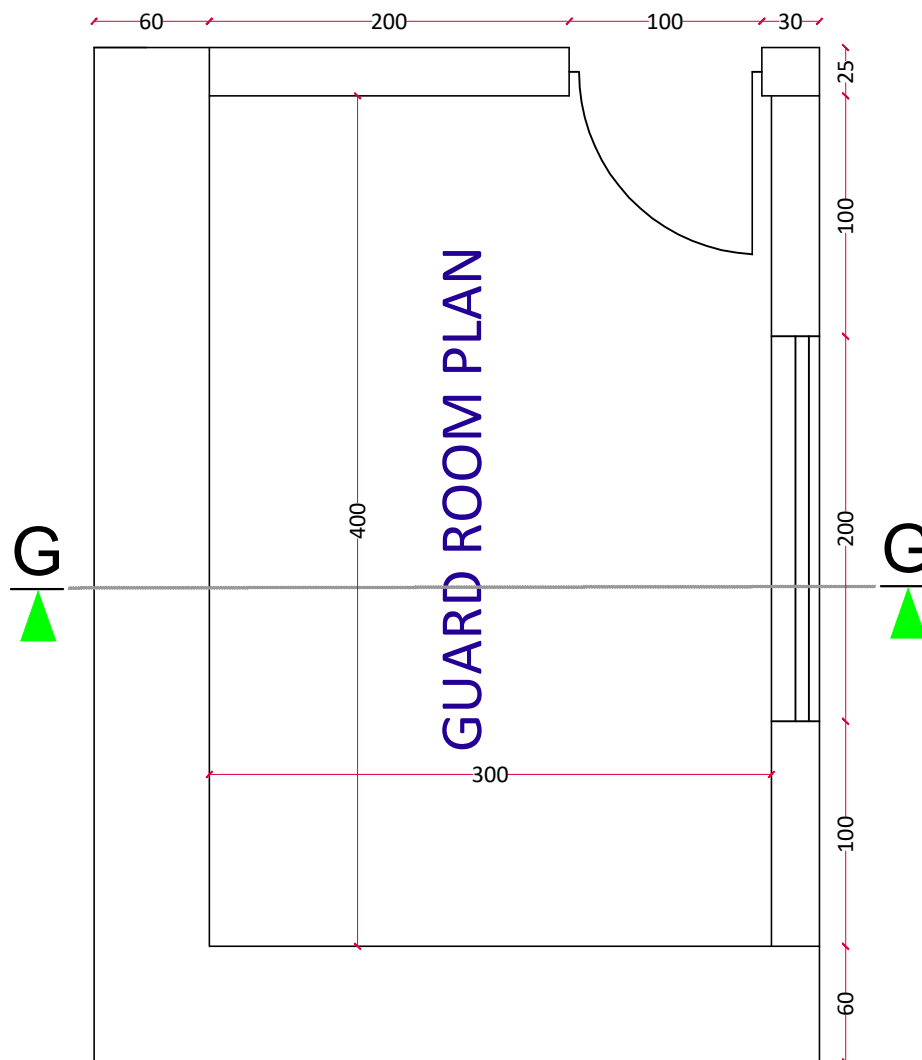
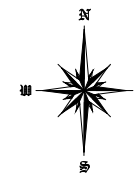
All dimension in cm
otherwise stated

Surveyed by WASH team
Drawing & designed by WASH team
Review & check by Eng. M. Tahir "Safi"
Approved by Eng. Shah Faisal

SHEET NO. 12/17
7-May-2024

PROVINCE Kunar
DISTRICT Marawara
VILLAGE Dari Dam

WISH
Project



IRW

Islamic Relief Worldwide
WASH Initiative for Strengthening Health (WISH)

Department WASH
Drawing Title Guard room

All dimension in cm
otherwise stated

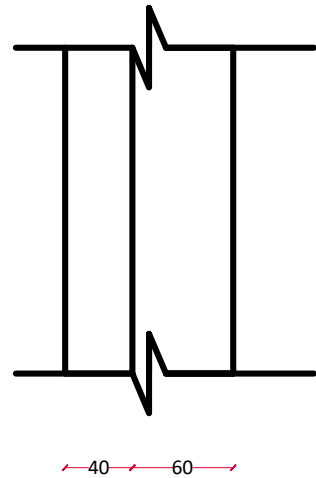
Surveyed by WASH team
Drawing & designed by Matiullah Ghafaree
Review & check by Eng. M. Tahir "Safi"
Approved by Eng. Shah Faisal

SHEET NO. 15/17
7-May-2024

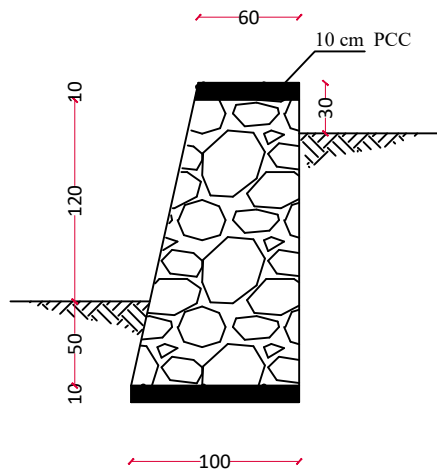
PROVINCE Kunar
DISTRICT Marawara
VILLAGE Dari Dam

**WISH
Project**

Protection Wall Plan

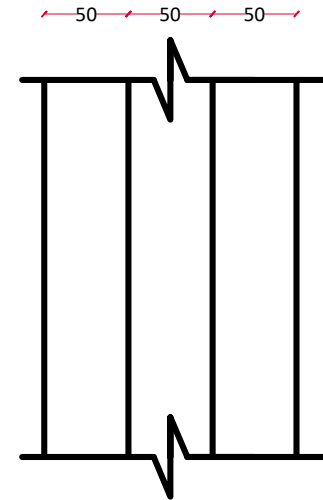


Section A-A

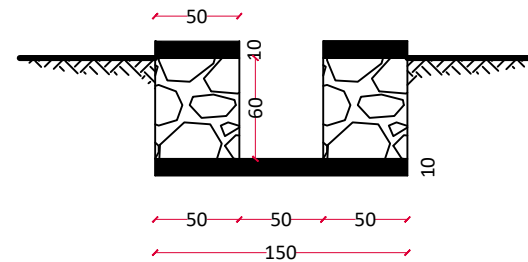


L=7M

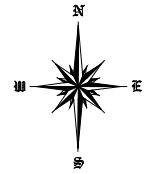
Plan of canal for Spring



Section B-B



L=15M



IRW

Islamic Relief Worldwide
WASH Initiative for Strengthening Health (WISH)

Department WASH
Drawing Title Protection wall

All dimension in cm
otherwise stated

Surveyed by WASH team
Drawing & designed by Matiullah Ghafaree
Review & check by Eng. M. Tahir "Safi"
Approved by Eng. Shah Faisal

SHEET NO. 16/17
7-May-2024

PROVINCE Kunar
DISTRICT Marawara
VILLAGE Dari Dam

WISH
Project

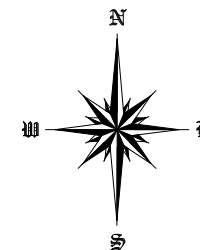
Dari Dam Village water Supply Project

between two solar panel vertical array frame should have 10 cm space for air vent to protect the solar frame from sliding and overturning.

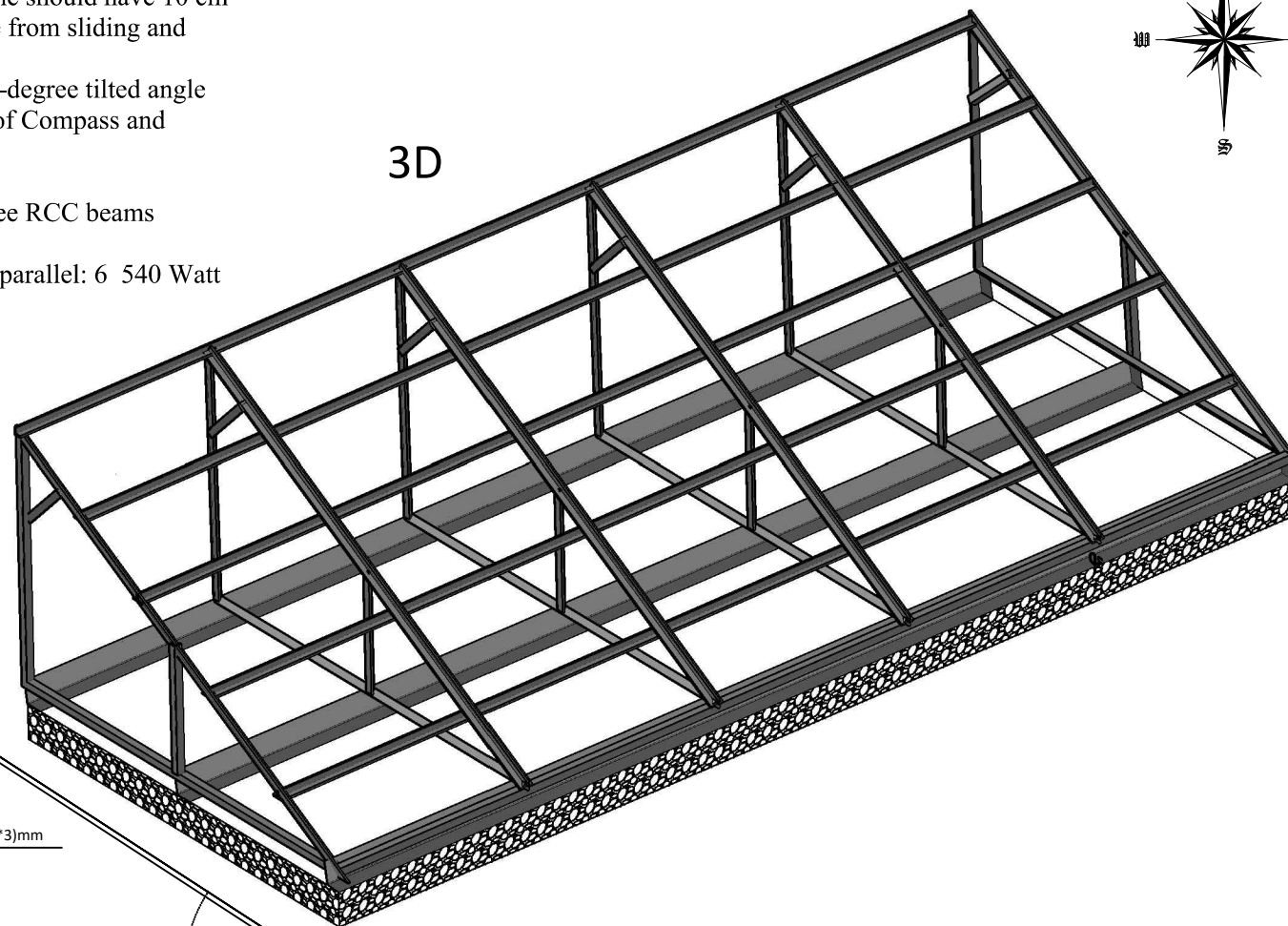
4- the solar panel's frame should have a 35-degree tilted angle with the surface of the yard as instruction of Compass and Groundfos software's and product.

5- under the frame we have (30*30)cm three RCC beams according to the drawing

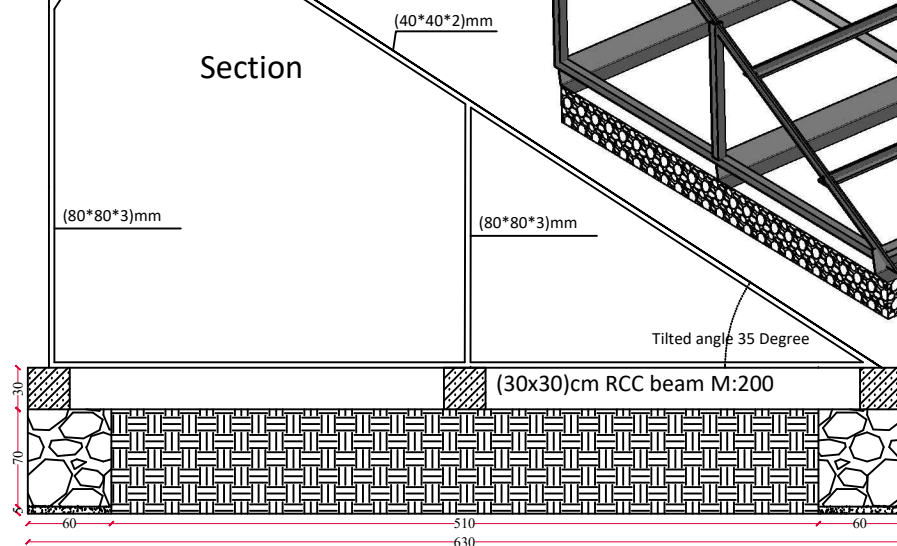
6- Number of solar modules in series: 3 in parallel: 6 540 Watt or 3 in Parallel: 12 270Watt



3D



Section



IRW

Islamic Relief Worldwide
WASH Initiative for Strengthening Health (WISH)

Department WASH
Drawing Title Solar Panel Plan Details

All dimension in cm
otherwise stated

Surveyed by	WASH team
Drawing & designed by	WASH team
Review & check by	Eng. M. Tahir "Safi"
Approved by	Eng. Shah Faisal

SHEET NO. 17/17
7-May-2024

PROVINCE	Kunar
DISTRICT	Marawara
VILLAGE	Dari Dam

WISH
Project