

Islamic Relief Worldwide - SIDA		All dimension in cm otherwise stated
Food Security, WASH, and Protection support to vulnerable families in Ghor - Afghanistan		
Department	WASH	
Drawing Title	Google Earth Site Plan	

Surveyed by	Eng. Neman "Sultani"
Drawing & designed by	Abdul Majeed "Khamosh"
Review & check by	Eng. Hikmatullah "Arifzai"
Approved by	Eng. Shah Faisal

SHEET NO. 
 30-Jul-2024

PROVINCE	Ghor
DISTRICT	Center
VILLAGE	Khawajae Ghar

SIDA Project

LEGEND

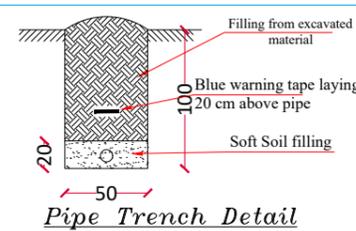
Proposed Well	
Main line	
Distribution Line	
Reservoir Area	
Tertiary Road	
Village houses	
Agricultural Land	
Mosque	
Hill	
Control Valve	

Khawajae Ghar Village Rehab-water Supply Project

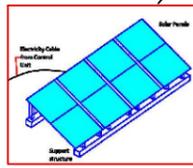
Point Table				
Point #	Elevation	Latitude	Longitude	Description
1	2549	N 3836806	E 691109	Dug Well point
2	2587	N 3836919	E 691302	Water Tank
3	2548	N 3836790	E 691162	Boundary Wall

Dug well 1.5 meter dia
 1- Cleaning of dug well from all material by skill labor
 2- cleaning of dug well by submersible until the water NTU>5 come.
 3- Installation of 1.5 kw submersible pump
 4- Pipe fitting of inlet pipe with submersible
 5- Installation of electrical wire from submersible to inverter.
 6- Covering of electrical wire

Note:
 The SPWS constructed by MRRD on 2018
 MIS Code: **MIS-348428**
 Existence well type :Dug well 1.5m Dia
 Static water level :10m
 Dynamic water level :13 m
 Total depth :18m
 Families : **75**
 House Number: **47** Houses , 1 Mosque, 1 hub School,
 House connection 50 STP
 Type of soil :#2 to #4



Covering of inlet, outlet and electricity pipe
 1-Excavation for main pipe
 2-lowering of pipe with pipe fitting
 3- Stone masonry work for covering of main pipes as per pipe trench details and technical focal point instruction.
 3- Back filling
 4- finishing work



Solar Panel Boundary Wall 12x12 meter
 1- Two wall of the boundary wall need for demolition/rehabilitation due to large cracks
 2- Stone masonry
 3- Block masonry
 4- plaster work
 5- painting work
 6-Installation of 2, 270 watts solar panels
 7-Installation of 2.2 kw inverter installation
 8-changing the wiring of solar panels

20 cubic meter water reservoir
 1- Need for clearing the existence WT 30 cm fill from rock and mud
 2- The outlet pipe, over flow pipe and its control valve need for repairing or changing.
 3- Plaster work
 4- painting work



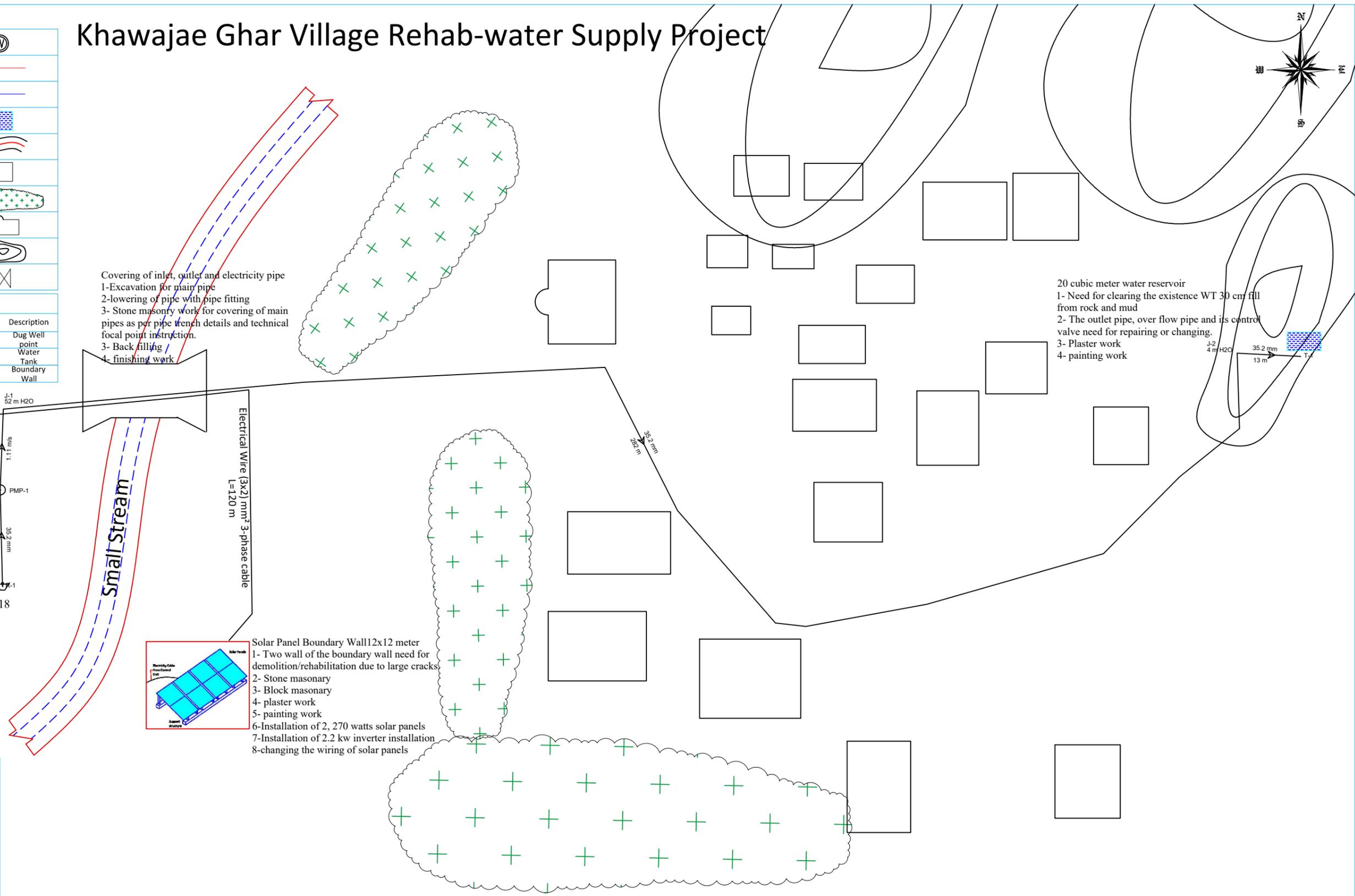
Islamic Relief Worldwide-SIDA
 Food Security, WASH, and protection support to vulnerable families in Ghor- Afghanistan
 Department WASH
 Drawing Title Final Site Plan

All dimension in (m) otherwise stated

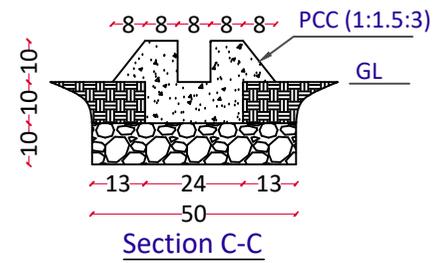
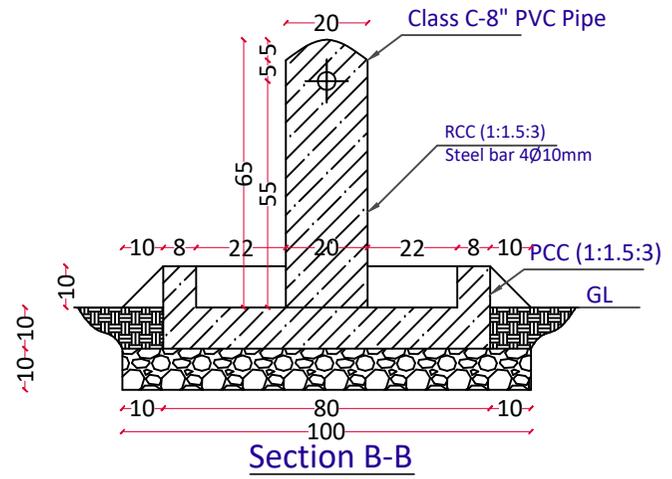
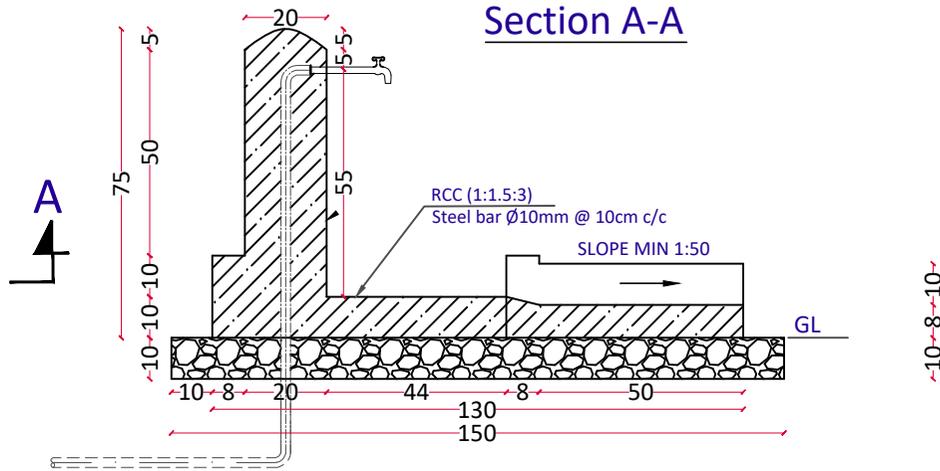
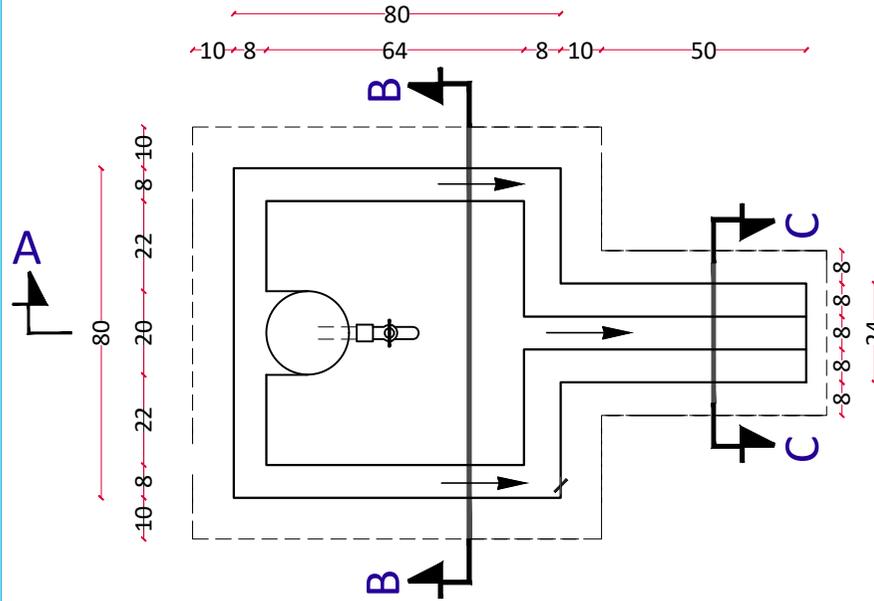
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SHEET No. 30-Jul-2024

PROVINCE	Ghor
VILLAGE	Khawajae Ghar



Stand Tap



IRW

Islamic Relief Worldwide-SIDA		All dimension in cm otherwise stated
Food Security, WASH, and protection support to vulnerable families in Ghor- Afghanistan		
Department	WASH	
Drawing Title	House connection stand tape	

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SHEET NO.	3/3
DATE	30-July-2024

PROVINCE	Ghor	SIDA Project
VILLAGE	Khawjae Ghar	