

World Vision International

World Vision Afghanistan

Faryab Zonal Office

WASH Sector

DAWAM WASH Project

Drawing and Estimation of Solar Powered Water Supply with RO System

Project Name: Hotamchi Village Rehabilitation Water Supply System

Ansar Kazimi



Aug 20, 2024

Yama Hewadmal



Aug 20, 2024

Farooq Jawid



Aug 20, 2024

Site Plan



	Solar Frame
	New Pipe Line Extension
	Existing Pipe Line
①	Elevated Water Tank
②	RO System Room
③	Ground Water Tank
④	Guard Room
⑤	Ground Water Tank
⑥	New Bore Well
⑦	Boundary Fencing

Ansar Kazimi

Ansar Kazimi
boxSIGN 18LX3296-4P7Y8LBP

Aug 20, 2024

Yama Hewadmal

Yama Hewadmal
boxSIGN 4YWZ885Q-4P7Y8LBP

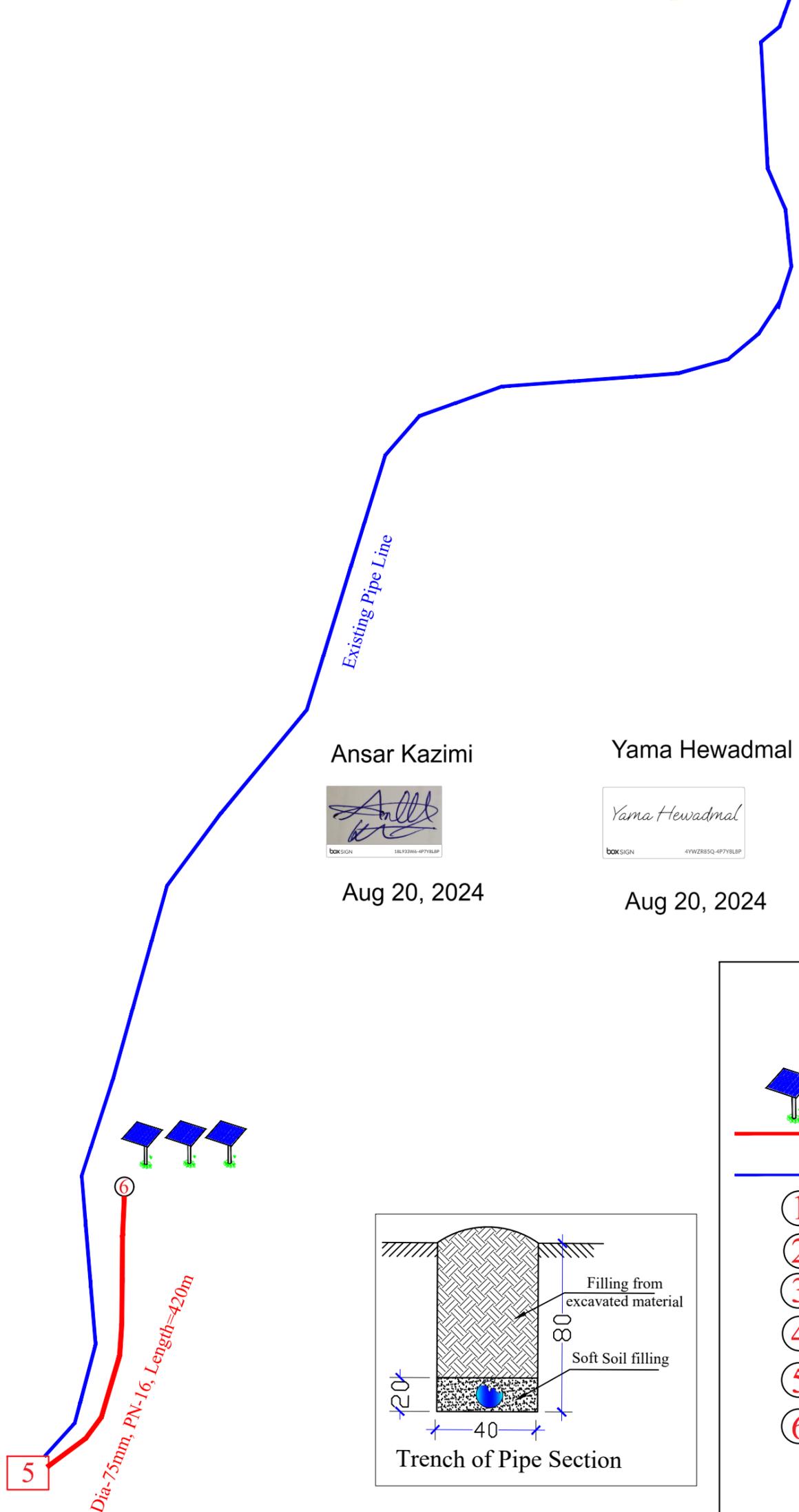
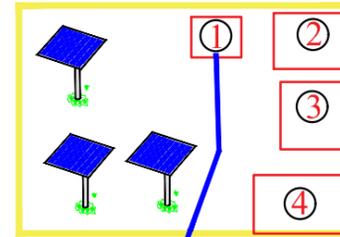
Aug 20, 2024

Farooq Jawid

Farooq Jawid
boxSIGN 1JRW5KYR-4P7Y8LBP

Aug 20, 2024

Water Supply Site Plan



Ansar Kazimi

Aug 20, 2024

Yama Hewadmal

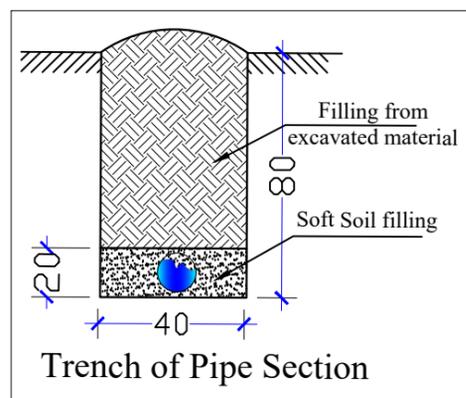
Aug 20, 2024

Farooq Jawid

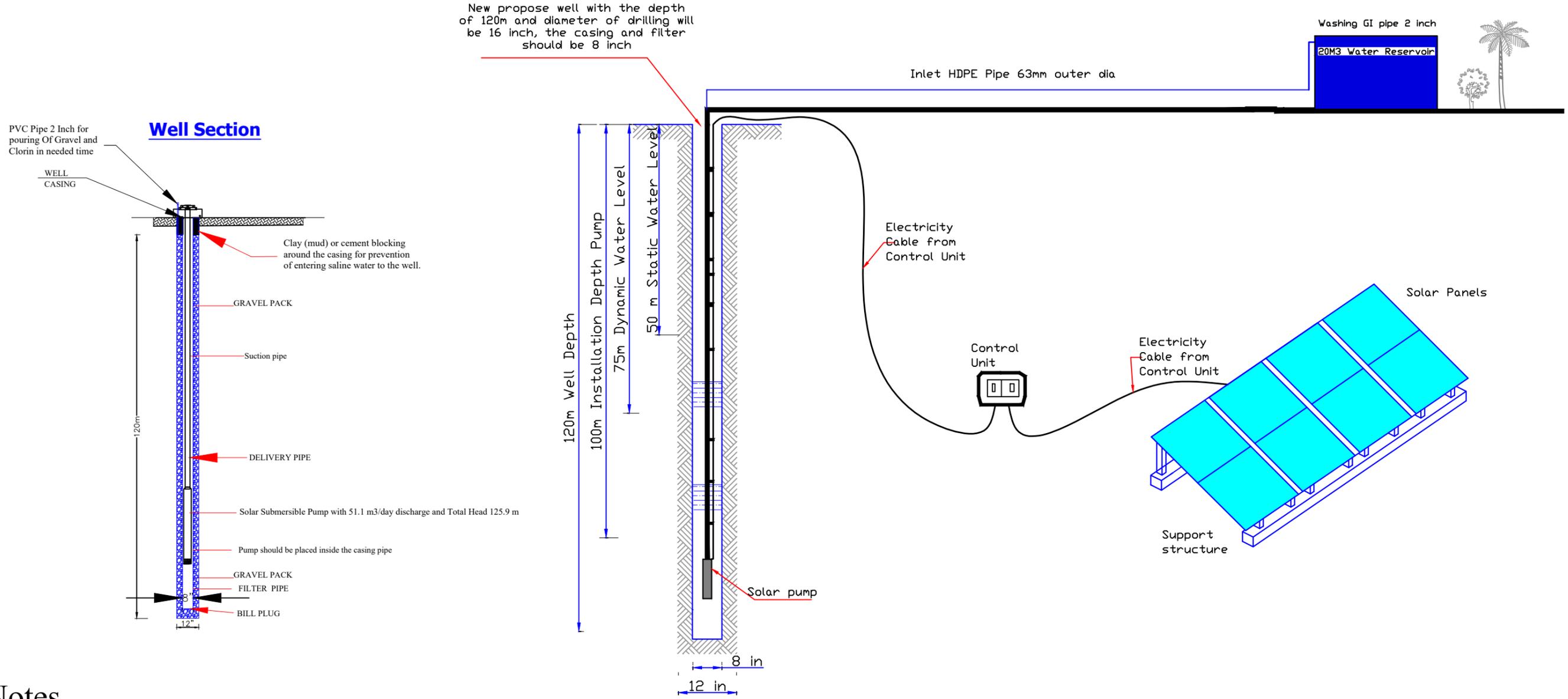
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Legends:

- Solar Frame
- New Pipe Line Extension
- Existing Pipe Line
- Elevated Water Tank
- RO System Room
- Ground Water Tank
- Guard Room
- Ground Water Tank
- New Bore Well



Water Well Section



Notes

- Each drilled strata depth should be noted and soil sample should be kept in a sample box separately .
- Pump test for 8 hours.
- the depth of filter pipe has considered based on the previous experience . the true depth will be determined after well practical drilling.

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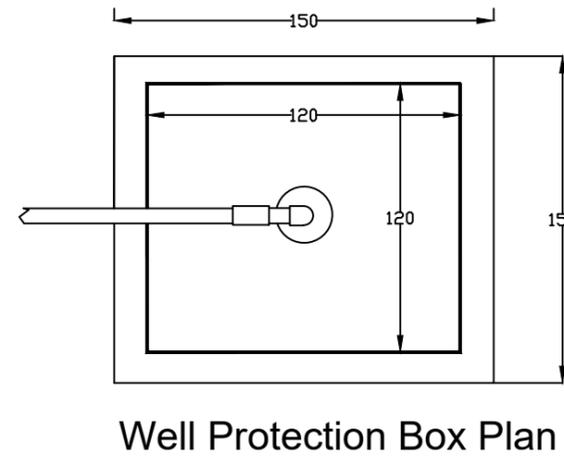
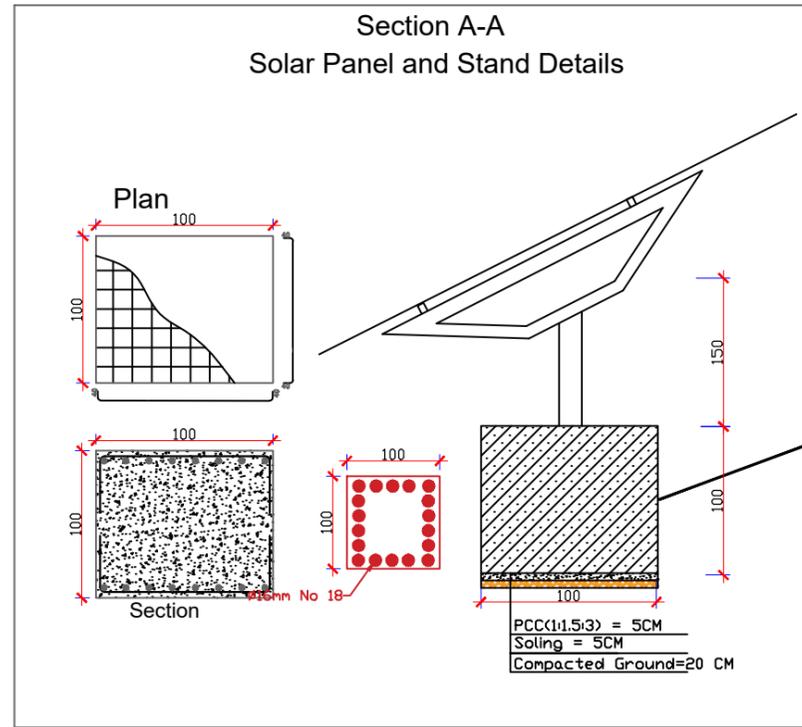
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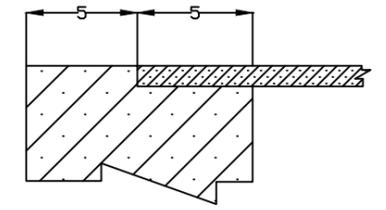
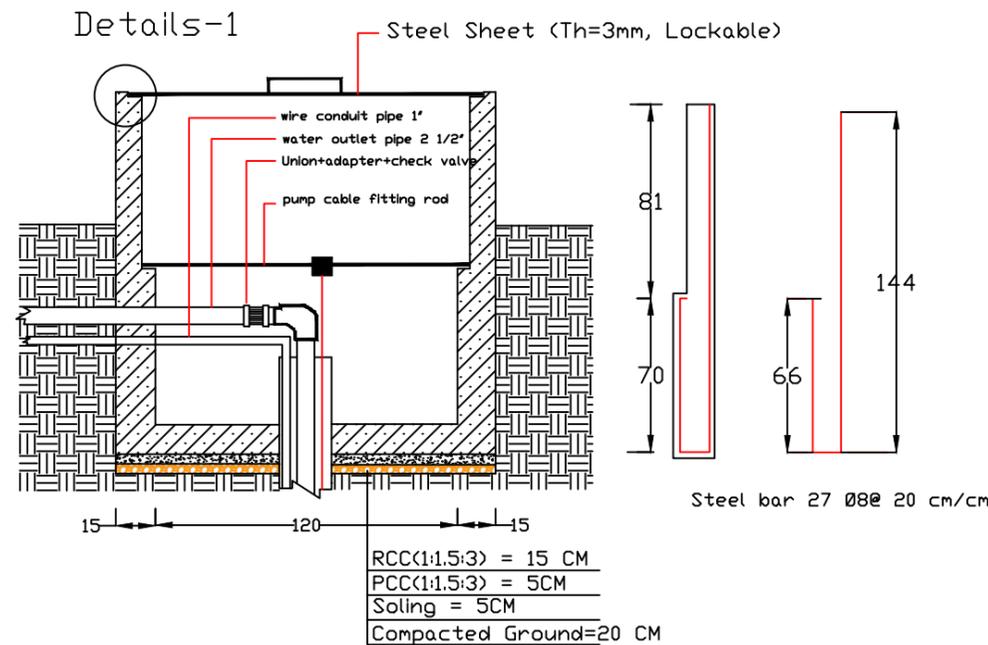
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SURVEYED BY	Eng. Ansar Kazimi	CHECKED BY	WASH Coordinator	SCALE		SHEET NO.	03/04	PROVINCE	Faryab	PROJECT NAME:	Hotamchi village Solar Water Supply System
DESIGNED BY	Eng. Ansar Kazimi	REVIEWED BY	WASH Advisor	DATE				DISTRICT	Shirin Tagab	DRAWING TITLE:	Bore Well Section
DRAWN BY	Eng. Ansar Kazimi	APPROVED BY	Project Director/Manager	DRAWING NO.				VILLAGE	Hotamchi village		

Well Protection Box and Solar Stand Details

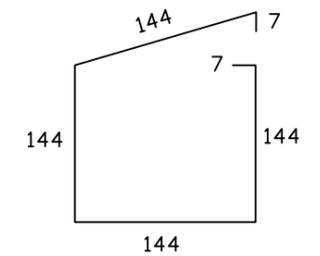


RCC Mark 200 (1:1.5:3)
dia 14mm @ 20 cm c/c for
both directions double layer



Details-1

Strips 8Ø8@20 cm/cm



Steel bar 8Ø8@20 cm/cm

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Well Protection Box Section View

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DESIGNED BY	Eng. Ansar Kazimi	REVIEWED BY	WASH Advisor	DATE		DISTRICT	Shirin Tagab	DRAWING TITLE:	Boundary Fencing Plan & Details
DRAWN BY	Eng. Ansar Kazimi	APPROVED BY	Project Director/Manager	DRAWING NO.		VILLAGE	Hotamchi village		