

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



box SIGN 1BL932W6-4P7Y8LP

Aug 20, 2024

Yama Hewadmal



box SIGN 4YVZ885Q-4P7Y8LP

Aug 20, 2024

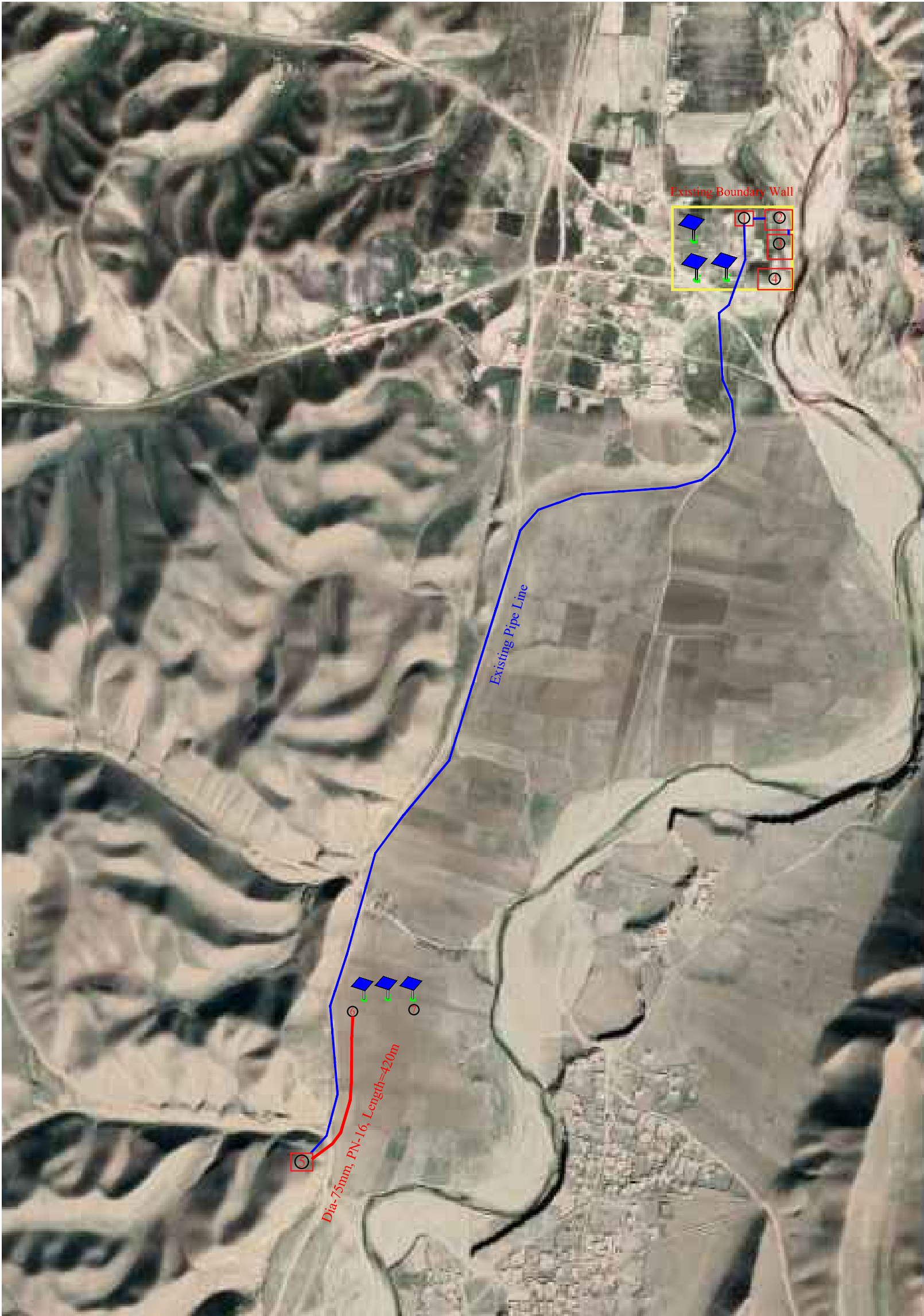
Farooq Jawid



box SIGN 1JRW5KYR-4P7Y8LP

Aug 20, 2024

Site Plan



Ansar Kazimi

Ansar Kazimi
box SIGN 1BL932W-4P7Y8LP

Aug 20, 2024

Yama Hewadmal











Yama Hewadmal
box SIGN 4YWZ85Q-4P7Y8LP


Aug 20, 2024

Farooq Jawid

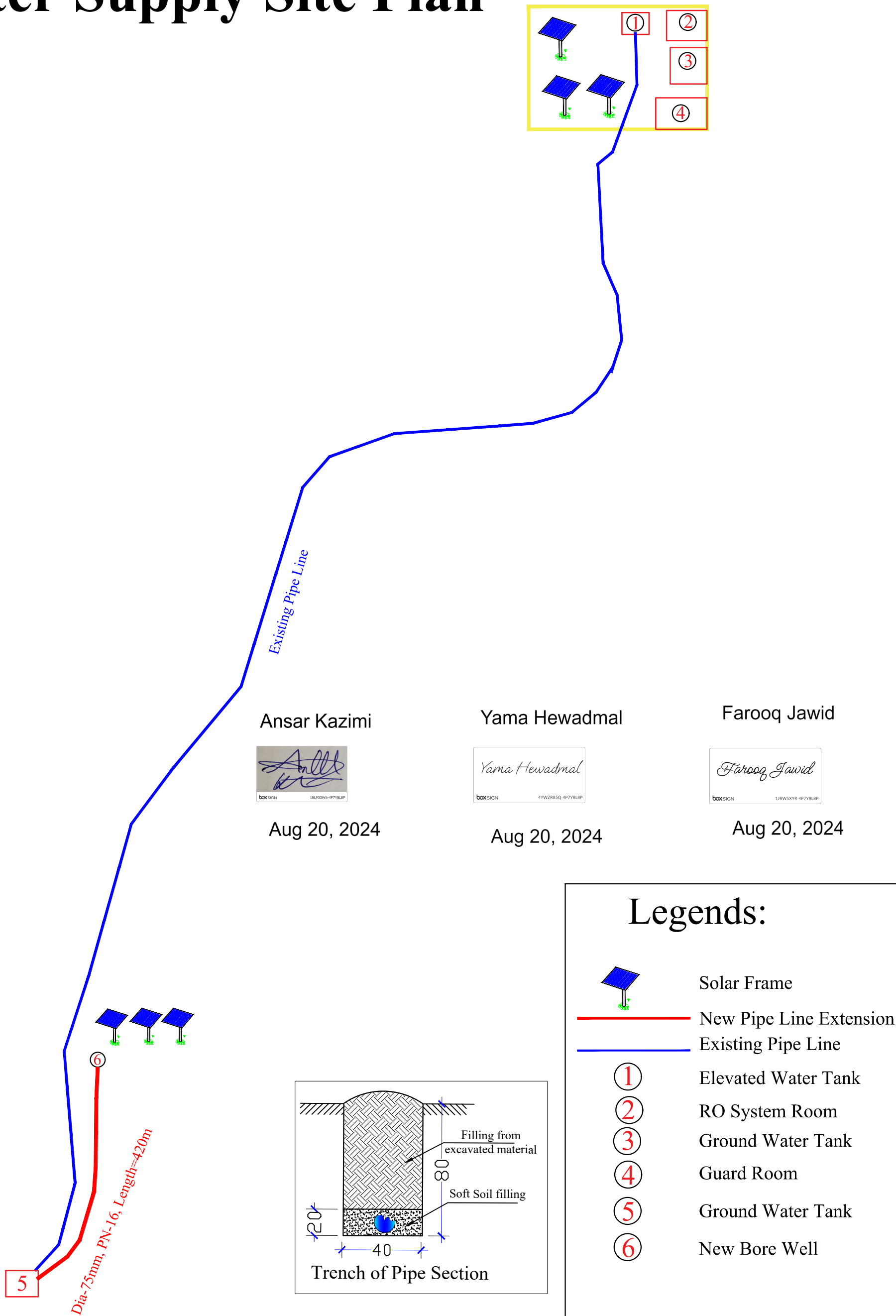
Farooq Jawid
box SIGN 1JRW5XYR-4P7Y8LP

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-  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

	SURVEYED BY	Eng. Ansar Kazimi	CHECKED BY	WASH Coordinator	SCALE		SHEET NO. 01/04	PROVINCE	Faryab	PROJECT NAME:	Hotamchi Solar Water Supply Pipe Scheme
	DESIGNED BY	Eng. Ansar Kazimi	REVIEWED BY	WASH Advisor	DATE			DISTRICT	Shirin Tagab	DRAWING TITLE:	Site Plan
	DRAWN BY	Eng. Ansar Kazimi	APPROVED BY	Project Director/Manager	DRAWING NO.			VILLAGE	Hotamchi village		

Water Supply Site Plan



Ansar Kazimi

Aug 20, 2024

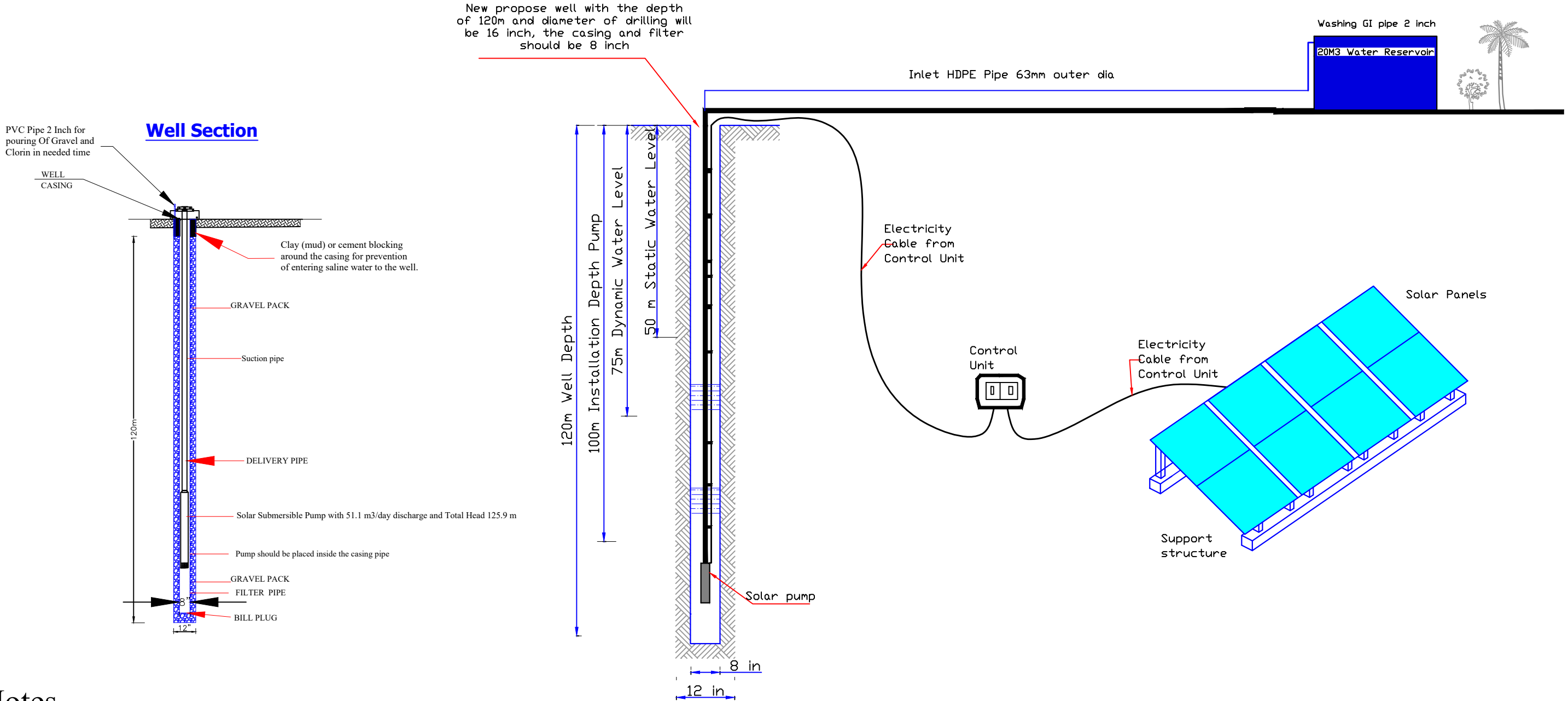
Yama Hewadmal

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Aug 20, 2024

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.

Ansar Kazimi

Ansar Kazimi
box SIGN 1BL932W6-4P7Y8LBP

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box SIGN 4YWZRB5Q-4P7Y8LBP

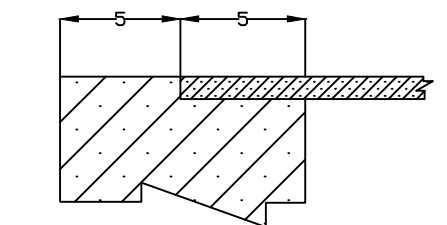
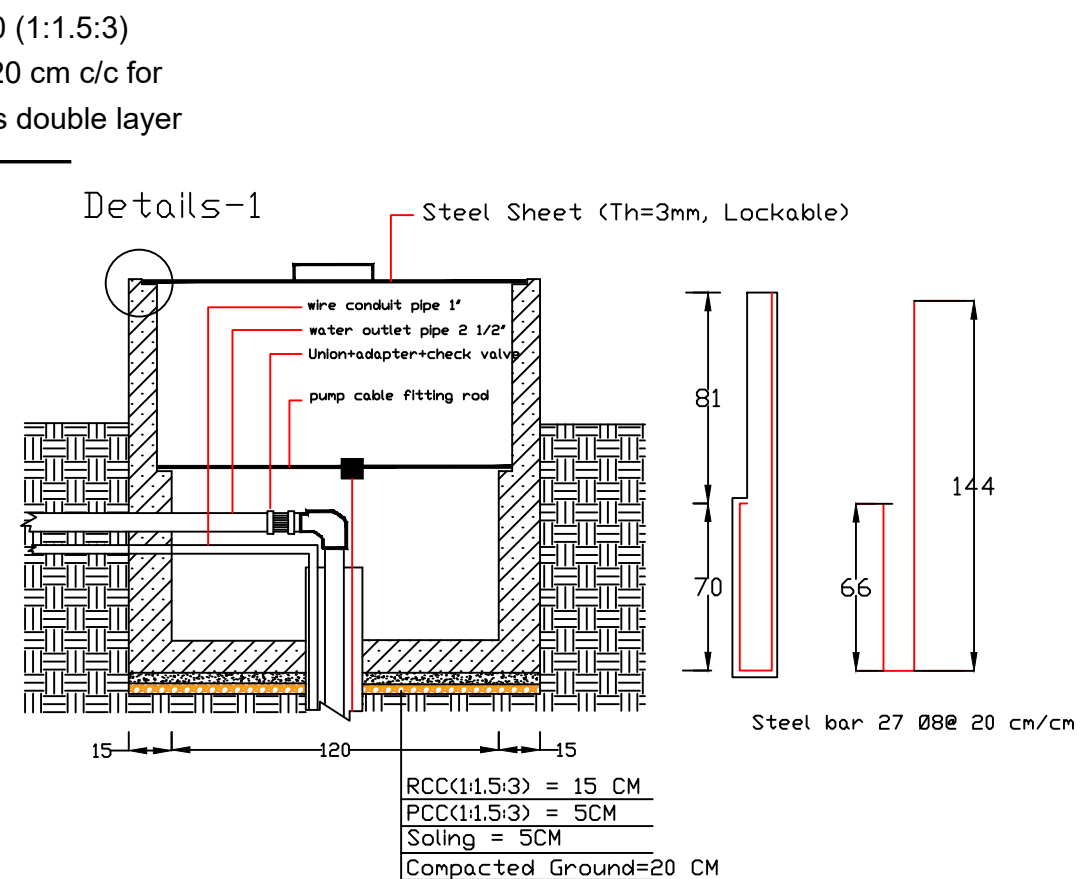
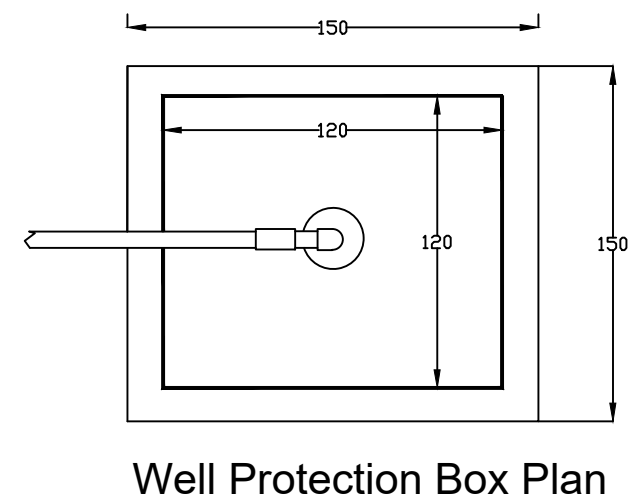
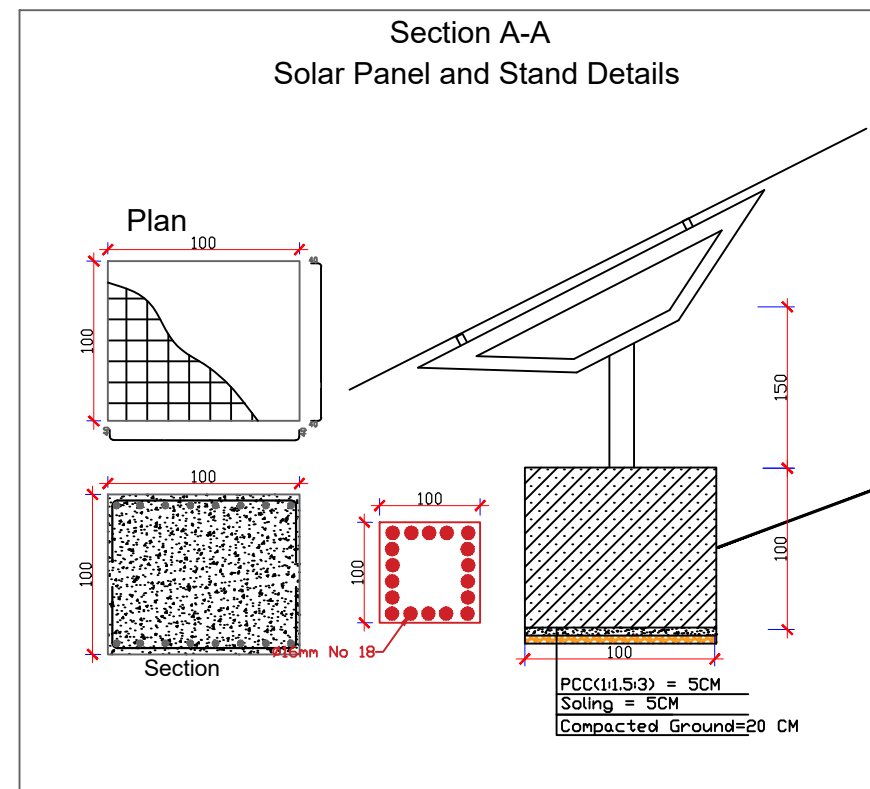
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Farooq Jawid

Farooq Jawid
box SIGN 1RW5XY8-4P7Y8LBP

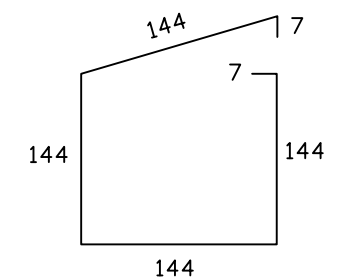
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Well Protection Box and Solar Stand Details



Details-1

Strips 808@20 cm/cm



Steel bar 8Ø8@20 cm/cm

Ansar Kazimi



box SIGN 18L933W6-4P7Y8L8P

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Yama Hewadmal

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Farooq Jawid

Farooq Jawid

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Well Protection Box Section View

	SURVEYED BY	Eng. Ansar Kazimi	CHECKED BY	WASH Coordinator	SCALE	<div>SHEET NO.<div>0404</div></div>	PROVINCE	Faryab	PROJECT NAME:	Hotamchi village <i>Solar Water Supply System</i>
	DESIGNED BY	Eng. Ansar Kazimi	REVIEWED BY	WASH Advisor	DATE		DISTRICT	Shirin Tagab		
	DRAWN BY	Eng. Ansar Kazimi	APPROVED BY	Project Director/Manager	DRAWING NO.			VILLAGE	Hotamchi village	DRAWING TITLE: