

World Vision International
World Vision Afghanistan
Faryab Zonal Office



WASH Sector
DAWAM WASH PROJECT

Design and Estimation of Water Supply Project


Project Name: Providing WASH facilities for Comprehensive healthcare center (BHC) Dara Shakh

Village: Dara Shakh
District: Kohistan
Province: Faryab
Contents:

Brief Information

- ✓ No. of Daily OPD: 501
- ✓ Estimated well Discharge: 0.45 lit/sec
- ✓ Solar panels Power = 1080 Watts
- ✓ Work days = 60 days
- ✓ Depth of Well = 60

Sayed Masoud Tural



box SIGN 46Z55J5Q-4L68JW6K

Sep 1, 2024

Yama Hewadmal



box SIGN 4YWZ885Q-4L68JW6K

Sep 1, 2024

Farooq Jawid



box SIGN 1JRW5XYR-4L68JW6K



Sep 1, 2024

Prepared by:

Site Plan



Sayed Masoud Tural Yama Hewadmal Farooq Jawid

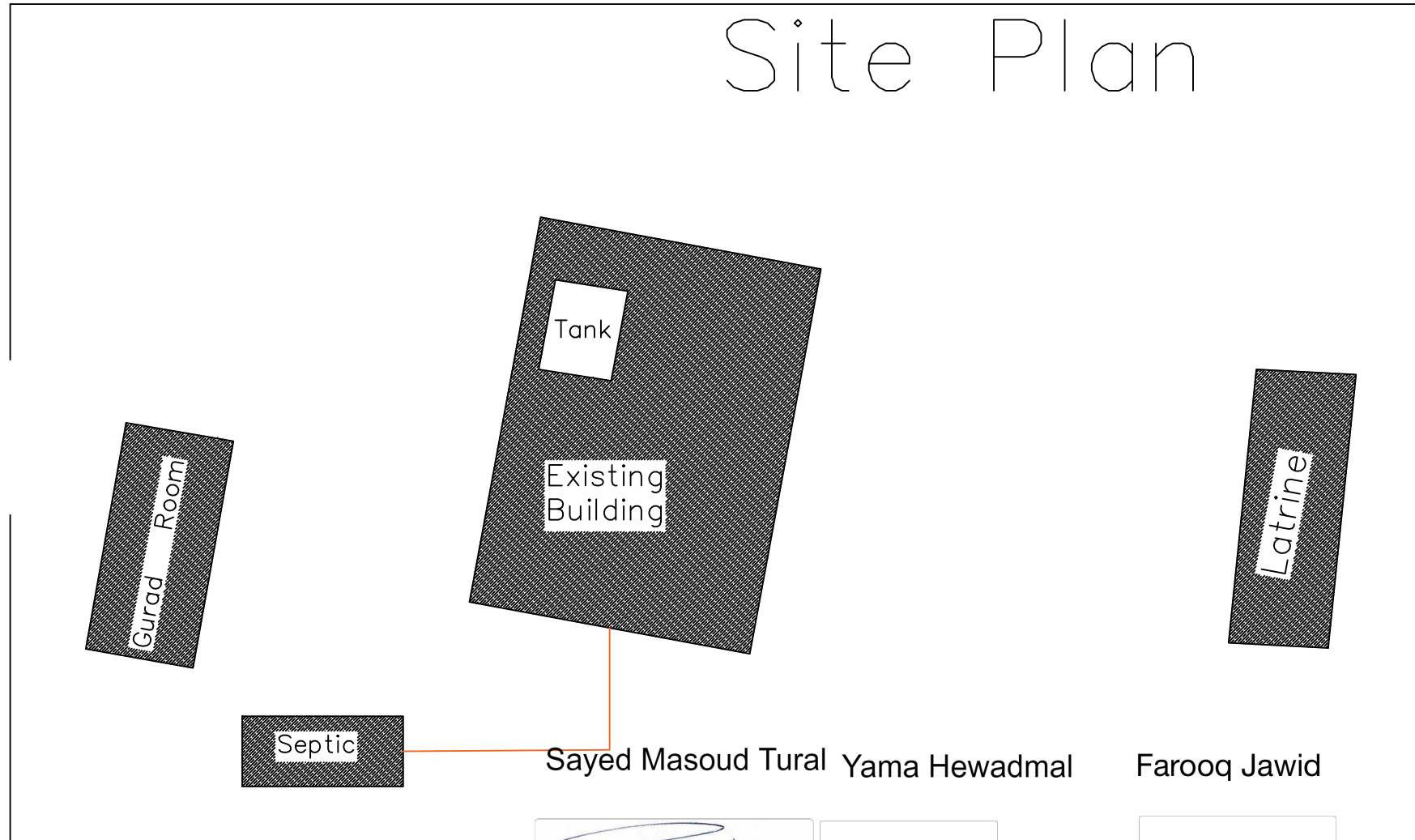
	 DRAWN BY: Masoud Tural	CHECKED BY: Yama Hewadmal REVIEWED BY: Farooq Jawid APPROVED BY: Project Director/Manager	WASH Coordinator WASH Advisor Project Director/Manager	SCALE: 1:11 DATE: Sep 1, 2024	SHEET NO. 1/11	PROVINCE: Faryab DISTRICT: Gurziwan Health Center: Darashakh CHC+	PROJECT NAME: Dara Shakh Health Center DRAWING TITLE: Site Plan
	box SIGN: 46Z55-5Q-4L08-AY-8C	DRAWN BY: Masoud Tural	CHECKED BY: Yama Hewadmal	WASH Coordinator: Farooq Jawid	SCALE: 1:11	PROVINCE: Faryab	PROJECT NAME: Dara Shakh Health Center
	DRAWN BY: Masoud Tural	CHECKED BY: Yama Hewadmal	WASH Coordinator: Farooq Jawid	SCALE: 1:11	PROVINCE: Faryab	PROJECT NAME: Dara Shakh Health Center	

Sep 1, 2024

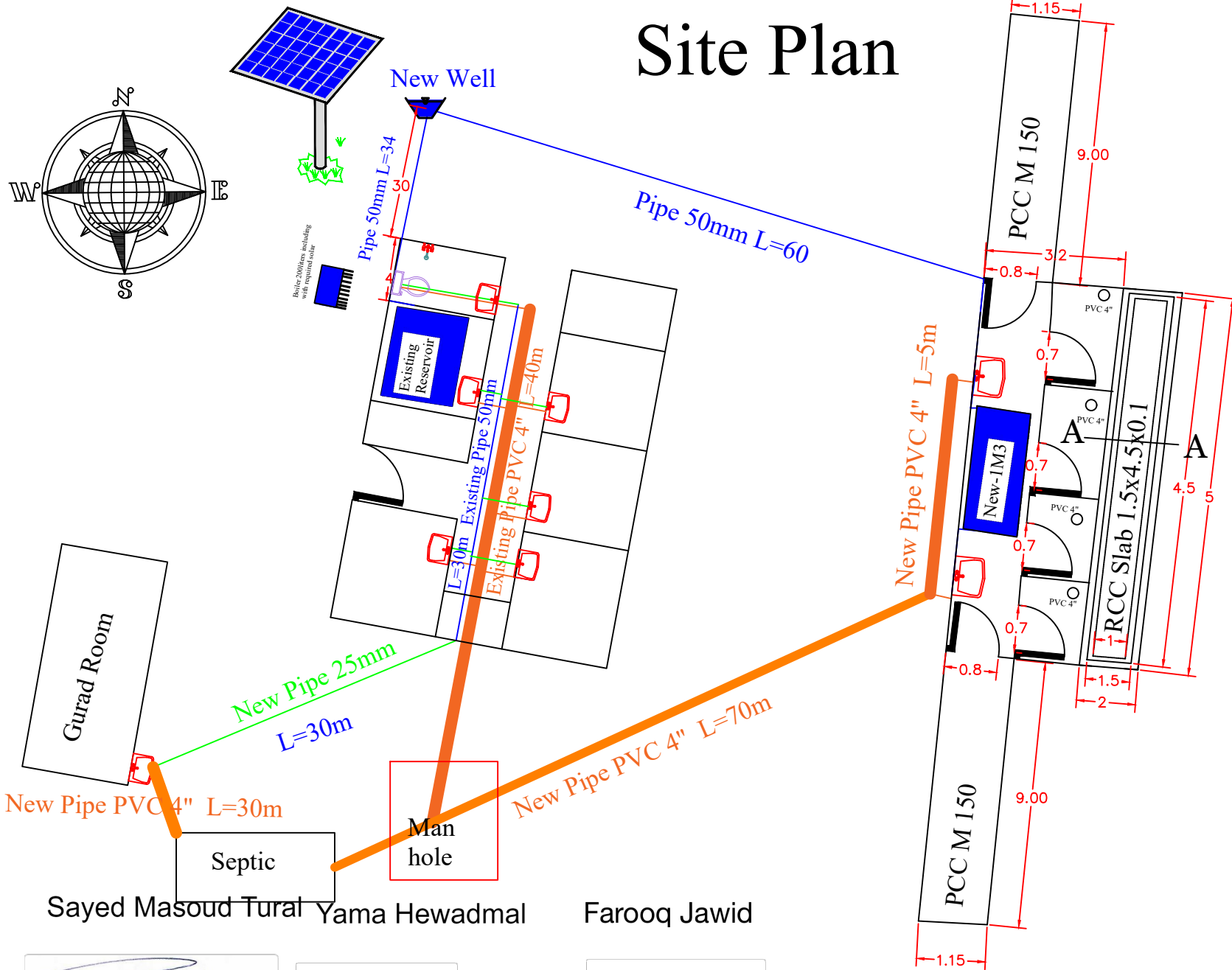
Sep 1, 2024

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Site Plan

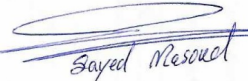

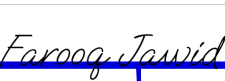


Site Plan

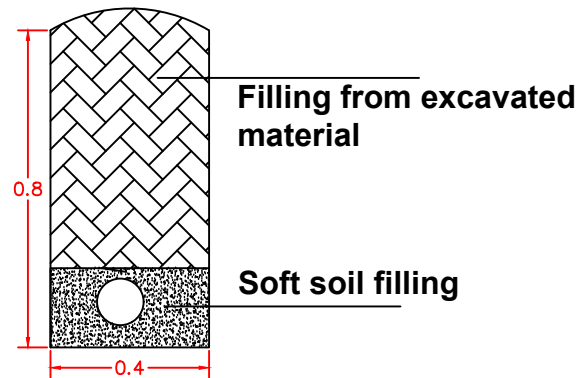


Legend

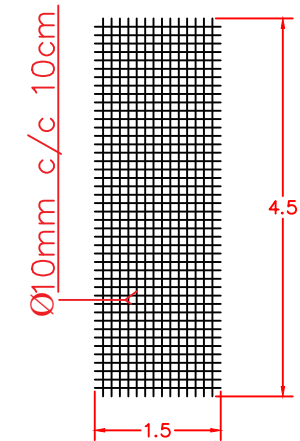
-  Tank
-  Well
-  Solar Stand
-  WASH Basin
-  Ø50mm
-  Ø20mm
-  4" PVC pipe

 Sayed Masoud Tural		 Yama Hewadmal		 Farooq Jawid		WASH Coordinator		SCALE		SHEET NO. 1/11		PROVINCE Faryab	PROJECT NAME: Dara Shakh H&C
DESIGNED BY Sayed Masoud Tural		REVIEWED BY WASH Advisor		DATE		DISTRICT Gurziwan		DRAWING TITLE: Site Plan		Health Center Dara shakh CHC+			
DRAWN BY Sayed Masoud Tural		APPROVED BY Project Director/Manager		DRAWING NO.									

Branch pipe section

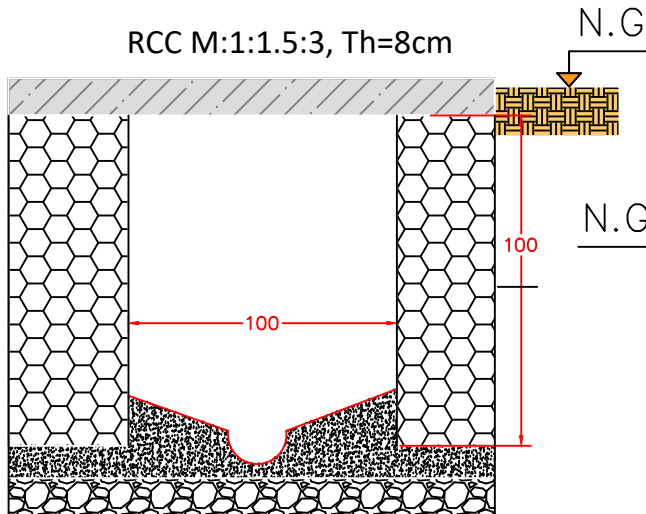


Slab steel bending



Man Hole

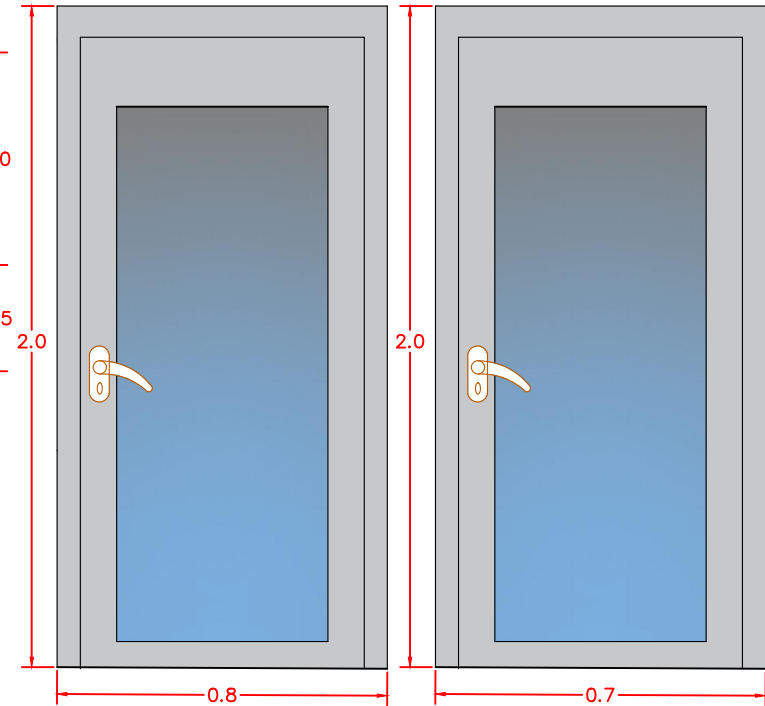
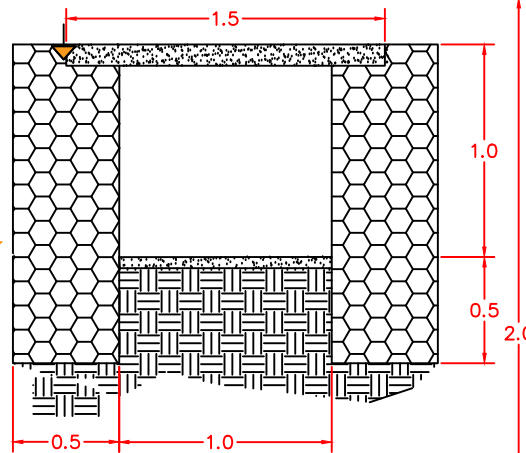
RCC M:1:1.5:3, Th=8cm



— PCC M:1:2:4, 10cm

— Gravel, 5cm

A—A



Sayed Masoud Tural Yama Hewadmal

Farooq Jawid

Sayed Masoud
Sayed Masoud Tural

Yama Hewadmal
Yama Hewadmal

Farooq Jawid
Farooq Jawid

DESIGNED BY
Sayed Masoud Tural

DESIGNED BY
Sayed Masoud Tural

CHECKED BY
WASH Coordinator

CHECKED BY
WASH Coordinator

SCALE

DATE

SHEET NO.
1/11

PROVINCE
Faryab

DISTRICT
Gurziwan

Health Center
Dara shakh CHC+

PROJECT NAME:
Dara Shakh H&C

DRAWN BY
Sayed Masoud Tural

DRAWN BY
Sayed Masoud Tural

APPROVED BY
Project Director/Manager

APPROVED BY
Project Director/Manager

DRAWING NO.

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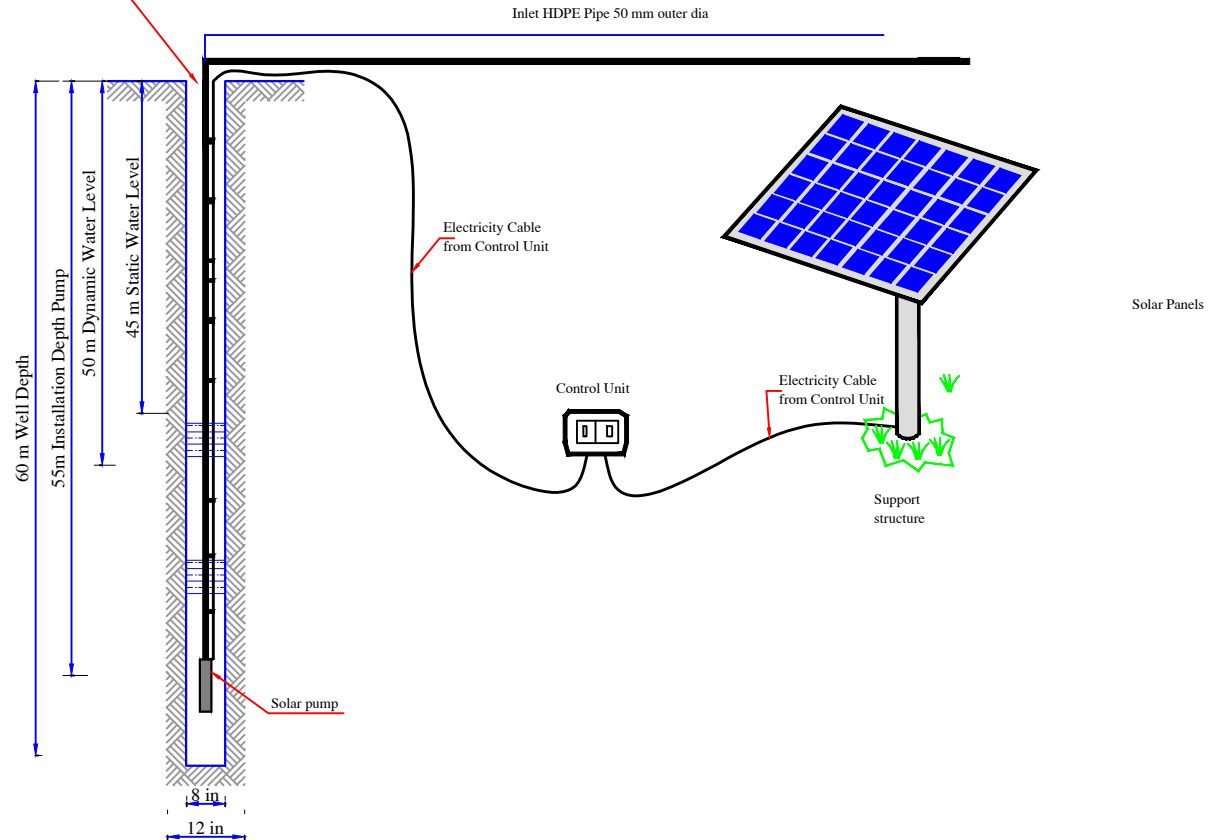
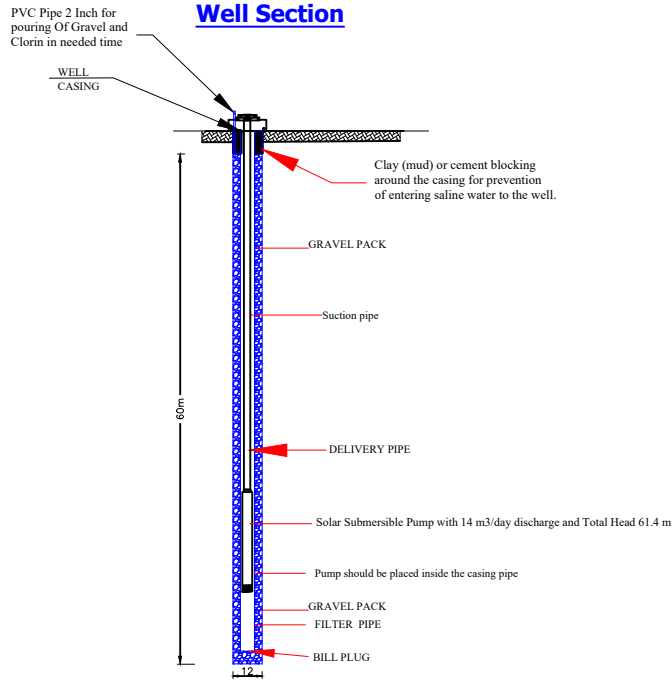
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Water Well Section

New propose well with the depth of 60 m and diameter of drilling will be 12 inch, the casing and filter should be 8 inch



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.

Sayed Masoud Tural Yama Hewadmal

Farooq Jawid

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SURVEYED BY	Sayed Masoud Tural	DATE	Sep 1, 2024	SCALE		PROVINCE	Faryab	PROJECT NAME:	Dara Shakh H&C
DESIGNED BY	Sayed Masoud Tural	REVIEWED BY	WASH Advisor	DATE	Sep 1, 2024	DISTRICT	Gurziwan	DRAWING TITLE:	Well Design
DRAWN BY	Sayed Masoud Tural	APPROVED BY	Project Director/Manager	DRAWING NO.		Health Center	Darashakh CHC+		