

APRIL, 22, 2024

# DARGIMIRKALAN PIPE SCHEME QARABAGH DISTRICT, KABUL, AFGHANISTAN



Coordinates	
Latitude	Longitude
34.8534100	69.133800

DONOR :

UNITED NATION  
HIGH COMMISSIONER  
REFUGEE

PARTNER :



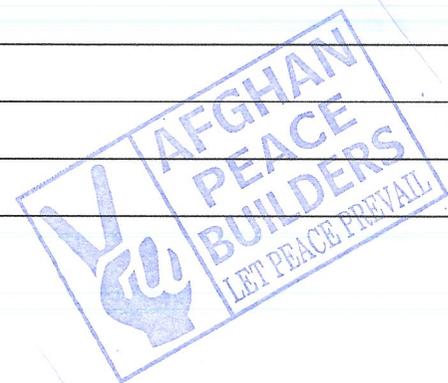
AFGHAN PEACE BUILDER  
HUMANITARIAN ORGANIZATION

PREPARED :



**SHEET INDEX**  
**DARGIMIRKALAN PIPE SCHEME**  
**QARABAGH DISTRICT , KABUL, AFGHANISTAN**

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4	NODE,LENGTH,OUTER DIA& ELEVATION	
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6	ELEVATED WATER TANK ELEVATION	
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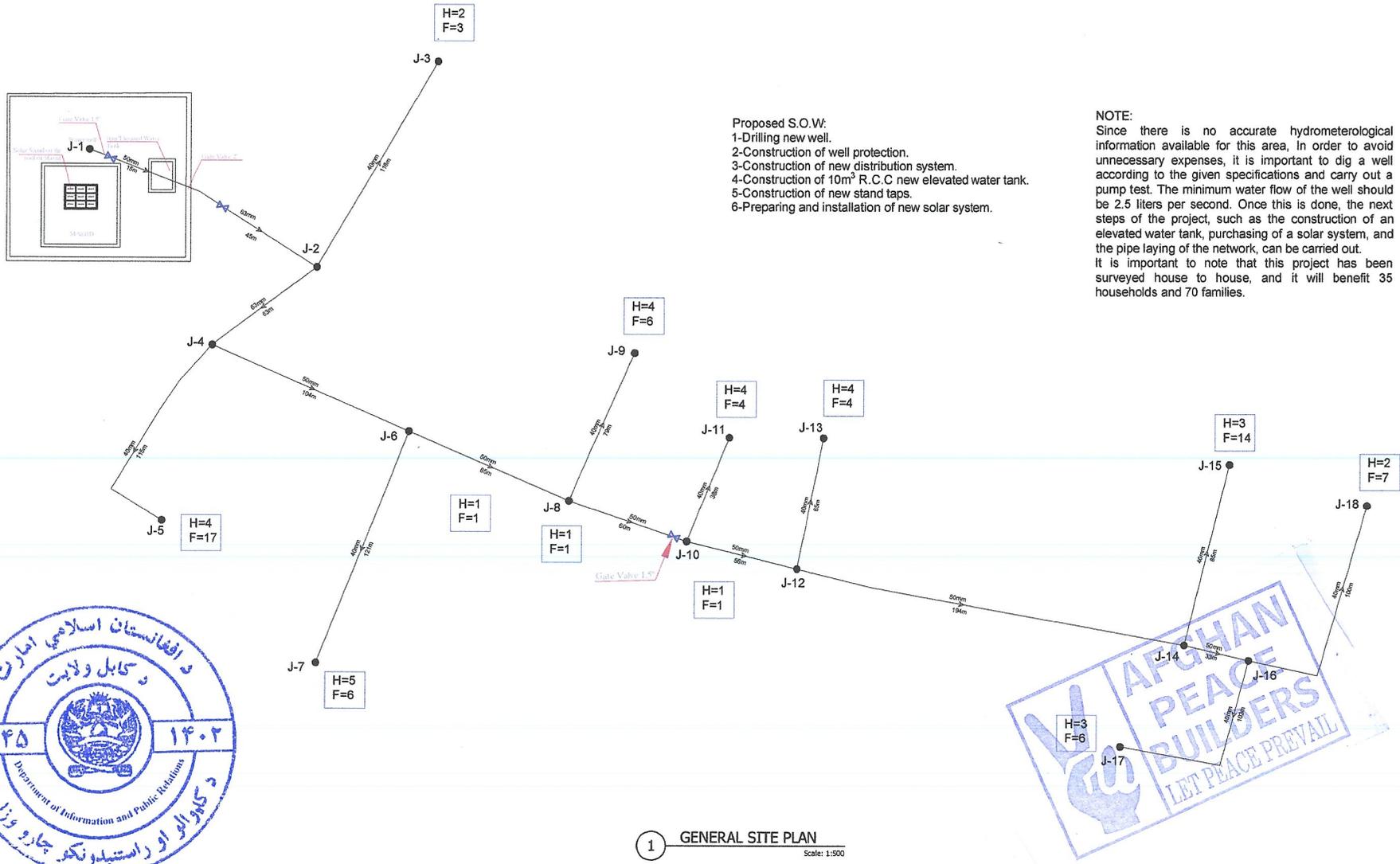


Date	22 April 2024
No.	Revision/ Issue
	Date

PROJECT NAME:  
DARGIMIRKALAN PIPE SCHEME  
LOCATION:  
QARABAGH DISTRICT, KABUL, AFGHANISTAN

At. Designed by	APBHO TECHNICAL TEAM
St. Designed by	APBHO TECHNICAL TEAM
Drawn by	APBHO TECHNICAL TEAM
Checked by	APBHO TECHNICAL TEAM
Approved by	APBHO TECHNICAL TEAM

Drawing Title	SHEET NO.	Sheet No.
		001/012
Drawing No.		
Scale		



1 GENERAL SITE PLAN  
Scale: 1:500

Date	22 April 2024
No.	Revision/Issue
Date	

PROJECT NAME:  
DARDIRKALAN PIPE SCHEME  
LOCATION:  
DARABAGH DISTRICT, KABUL, AFGHANISTAN

Ar. Designed by	APBHO TECHNICAL TEAM
El. Designed by	APBHO TECHNICAL TEAM
Drawn by	APBHO TECHNICAL TEAM
Checked by	APBHO TECHNICAL TEAM
Approved by	APBHO TECHNICAL TEAM

Drawing Title	GENERAL SITE PLAN	Sheet No.	002/011
Drawing No.			
Scale			

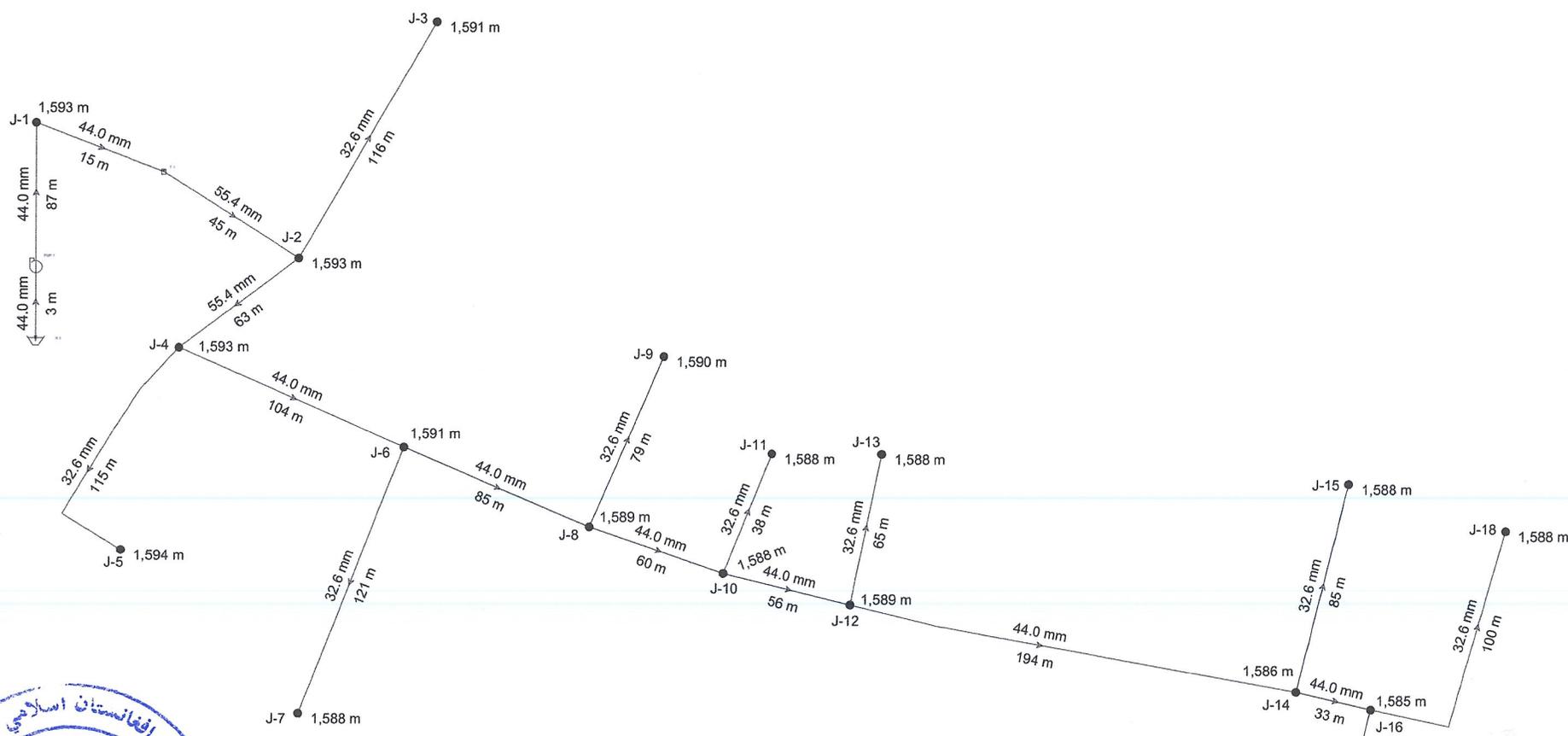


No	Revision/ Issue	Date

PROJECT NAME:  
DARGAHKALAN PPE SCHEME  
LOCATION:  
QANABAGH DISTRICT, KABUL, AFGHANISTAN

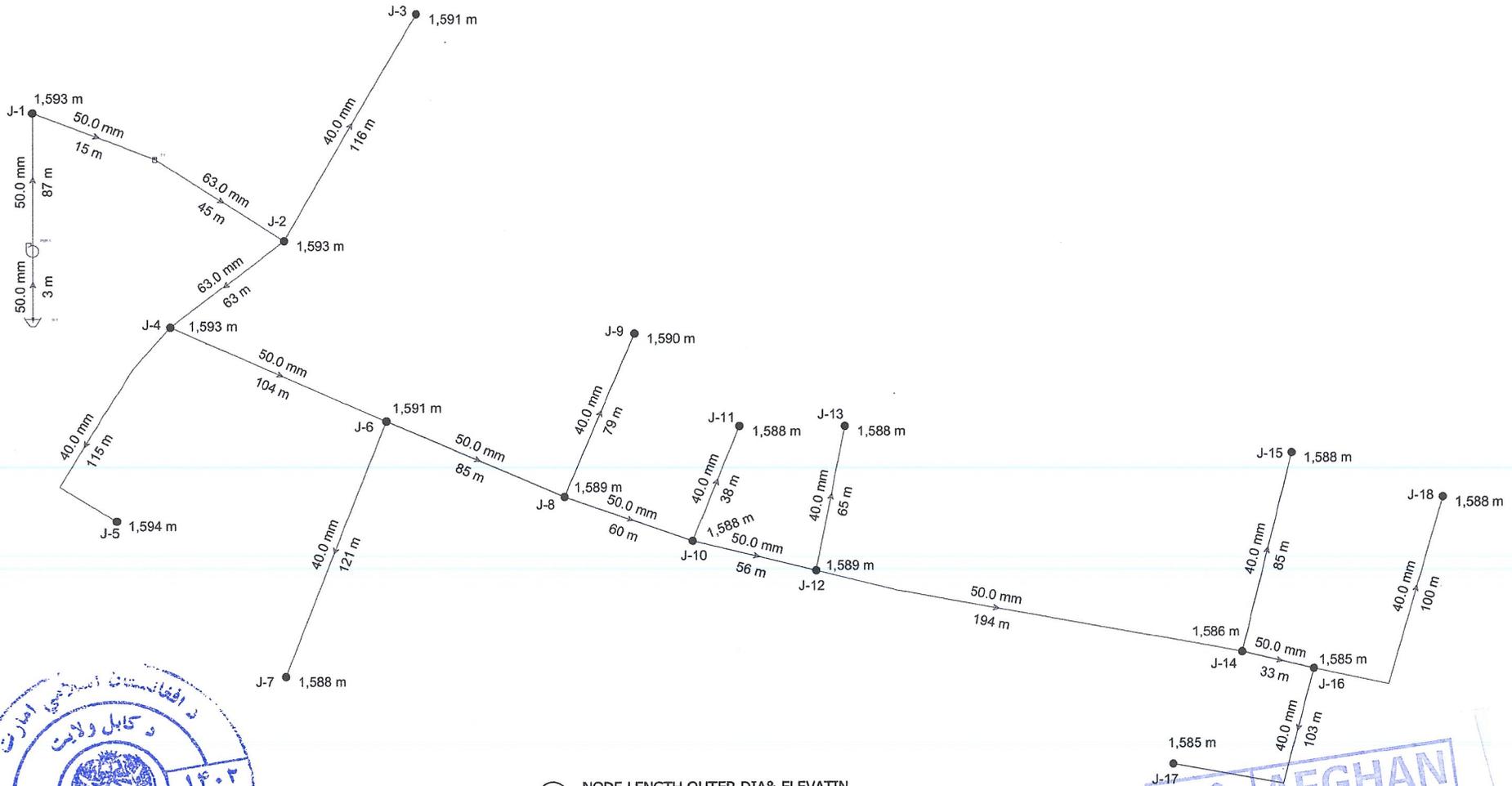
As Designed by: APBHO TECHNICAL TEAM  
 Sd. Designed by: APBHO TECHNICAL TEAM  
 Drawn by: APBHO TECHNICAL TEAM  
 Checked by: APBHO TECHNICAL TEAM  
 Approved by: APBHO TECHNICAL TEAM

Drawing Title: PROJECT TECHNICAL DRAWING  
 Drawing No: 003/012  
 Scale: 1:500



1 NODE, LENGTH, INNER DIA & ELEVATION Scale: 1:500





① NODE, LENGTH, OUTER DIA & ELEVATION Scale: 1:500



Date	22 April 2024
No	
Revised	
Issue	
Date	

PROJECT NAME:  
DAGOMIRALAN PPE SCHEME  
LOCATION:  
DARABASHI DISTRICT KABUL, AFGHANISTAN

As Designed by:	APBHO TECHNICAL TEAM
Sl. Designed by:	APBHO TECHNICAL TEAM
Drawn by:	APBHO TECHNICAL TEAM
Checked by:	APBHO TECHNICAL TEAM
Approved by:	APBHO TECHNICAL TEAM

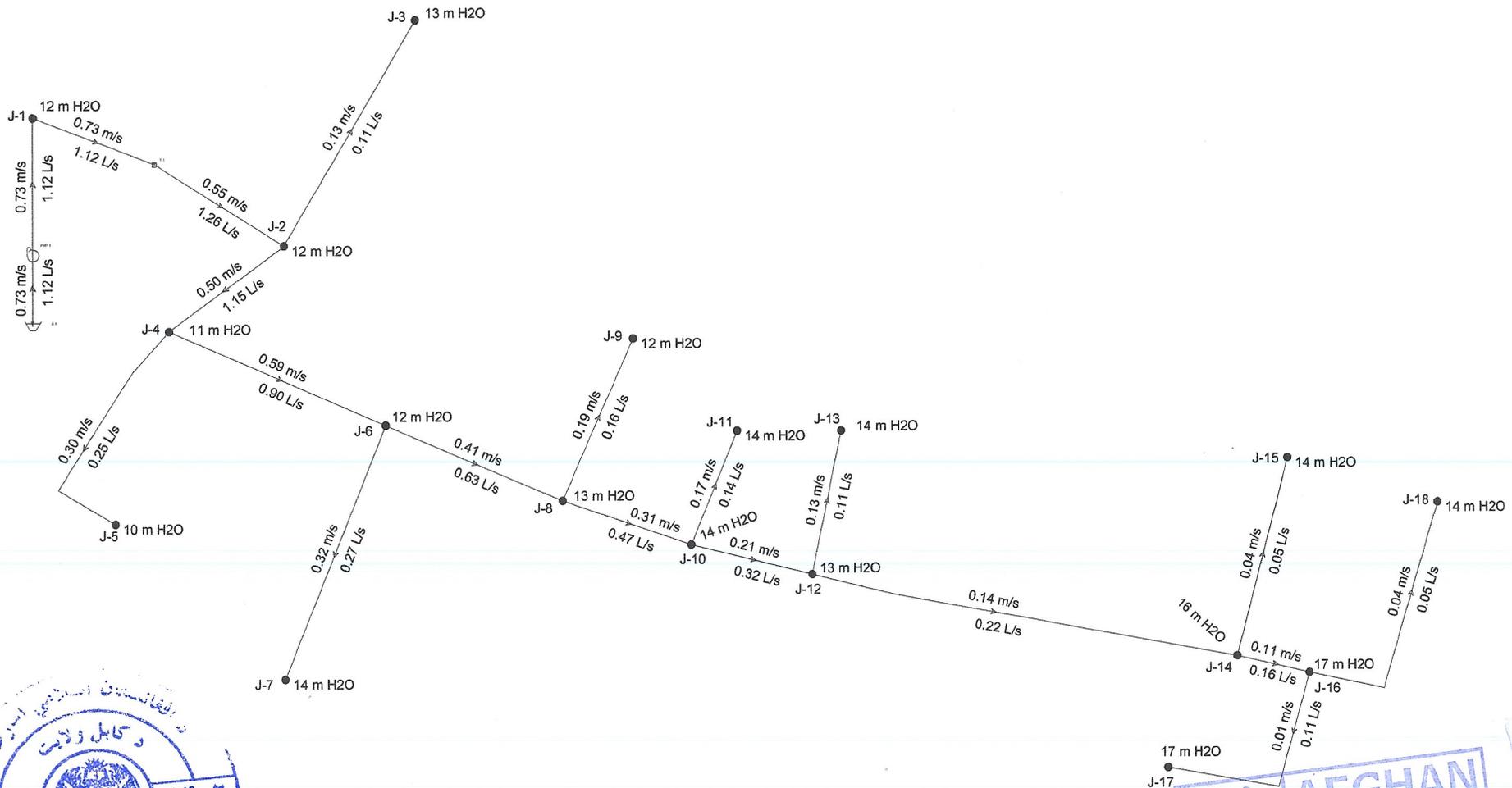
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Drawing No:		Scale:	

Date	22 April 2024
No.	Revision/ Issue
Date	

PROJECT NAME:  
DANDARALAN PIPE SCHEME  
LOCATION:  
GAMASIGH DISTRICT, KABUL, AFGHANISTAN

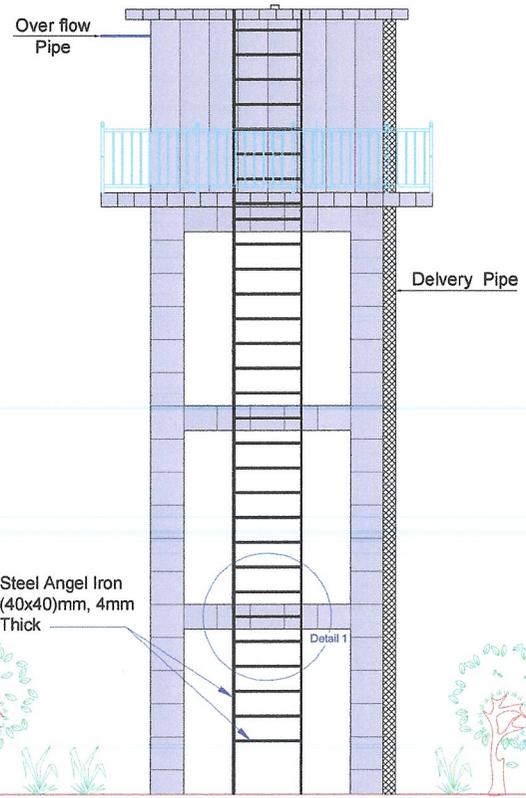
Ar. Designed by:	APBHO TECHNICAL TEAM
Et. Designed by:	APBHO TECHNICAL TEAM
Drawn by:	APBHO TECHNICAL TEAM
Checked by:	APBHO TECHNICAL TEAM
Approved by:	APBHO TECHNICAL TEAM

Drawing Title	Sheet No:
005/012	



1 Node, Flow, Velocity & Pressure Scale: 1:500





- Notes
1. All dimension are in cm
  2. Mark of concrete 200 kg/cm<sup>2</sup>
  3. Delivery and Suction pipe should be protected (Isolation)
  4. Assume bearing capacity is 2 kg/cm<sup>2</sup>

① ELEVATED WATER TANK ELEVATION  
Scale: 1:100

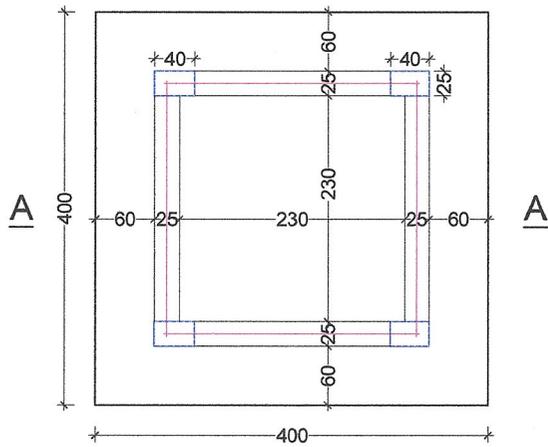
Date	22 April 2024
No.	Revision/ Issue
Date	

PROJECT NAME:  
EMERGENCY RESPONSE PROJECT

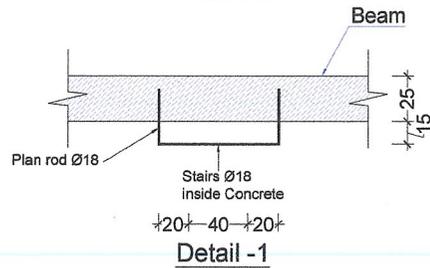
LOCATION:  
OMARSHAH DISTRICT, KABUL, AFGHANISTAN

As Designed by:	APBHO TECHNICAL TEAM
Sr. Designed by:	APBHO TECHNICAL TEAM
Drawn by:	APBHO TECHNICAL TEAM
Checked by:	APBHO TECHNICAL TEAM
Approved by:	APBHO TECHNICAL TEAM

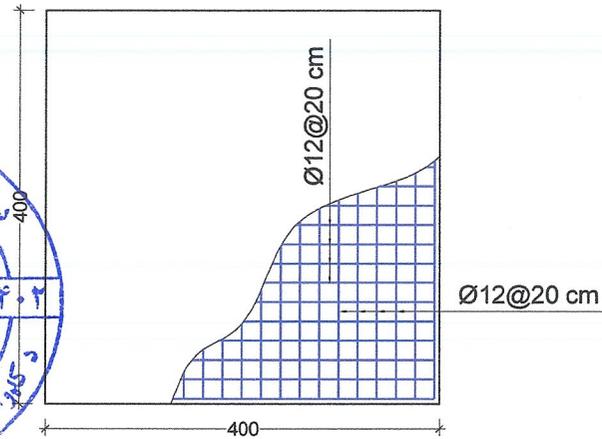
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Drawing No.:			
Scale:			



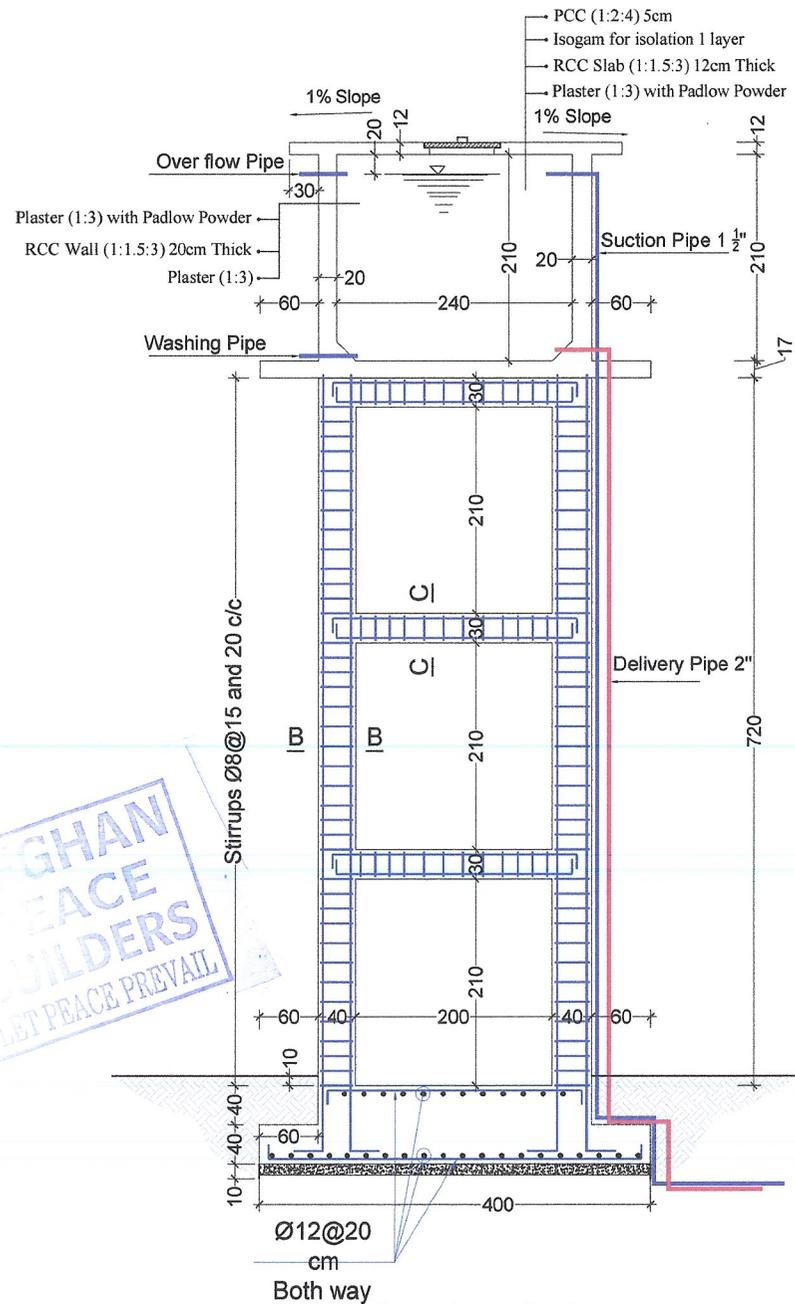
Plan



Detail -1



Reinforcement Plan of Footing



Section A-A

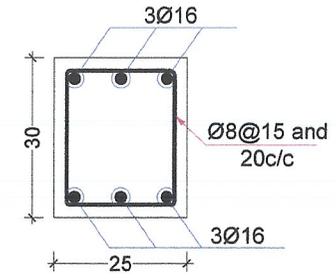
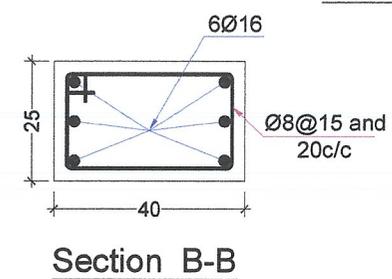
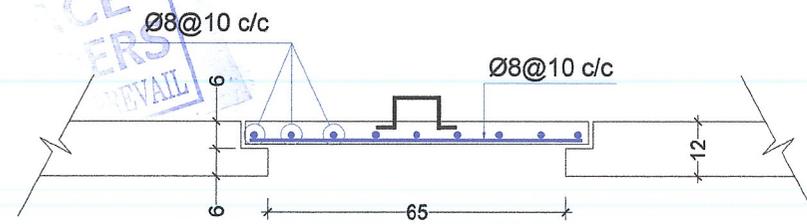
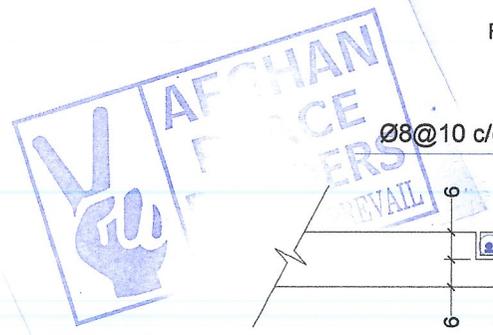
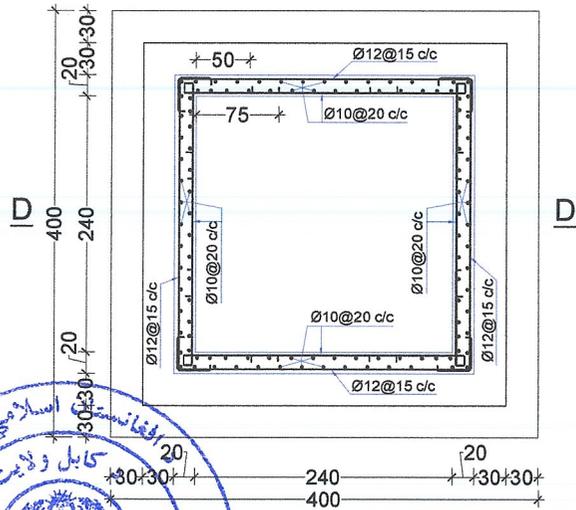
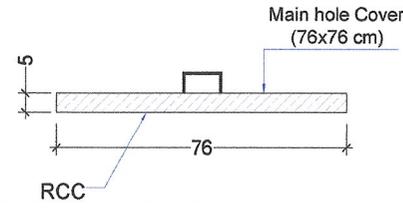
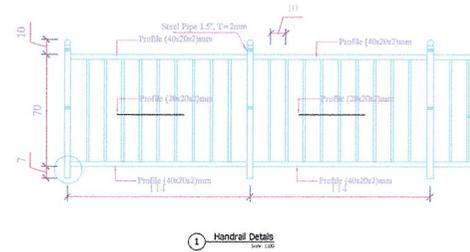
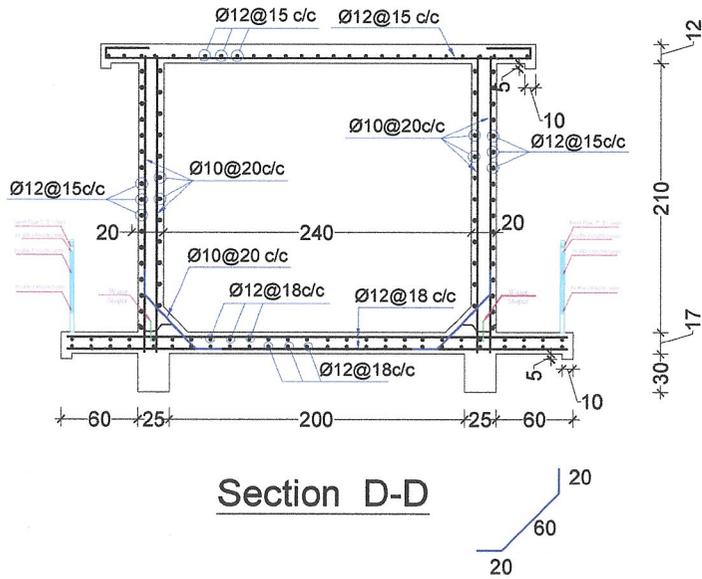


Date	22 April 2024
No	
Revision/ Issue	Date

PROJECT NAME:  
QASABAGH KALAN PIPE SCHEME  
LOCATION:  
QASABAGH DISTRICT, KABUL AFGHANISTAN

Ar. Designed by:	APBHO TECHNICAL TEAM
St. Designed by:	APBHO TECHNICAL TEAM
Drawn by:	APBHO TECHNICAL TEAM
Checked by:	APBHO TECHNICAL TEAM
Approved by:	APBHO TECHNICAL TEAM

Drawing Title:	REINFORCEMENT PLAN OF FOOTING	Sheet No.:	007/013
Drawing No.:		Scale:	



Cover Steel bar Ø12@10 c/c  
L=224cm



Date	21 April 2024
No.	
Revised/ Issue	
Date	

PROJECT NAME:  
DUCOMBAKAW FIRE SCHEME  
LOCATION:  
QANABAGH DISTRICT, KABUL, AFGHANISTAN

Ar. Designed by	APBHO TECHNICAL TEAM
Dr. Designed by	APBHO TECHNICAL TEAM
Drawn by	APBHO TECHNICAL TEAM
Checked by	APBHO TECHNICAL TEAM
Approved by	APBHO TECHNICAL TEAM

Drawing Title	REINFORCEMENT PLAN OF WATER TANK	Sheet No.	008/012
Drawing No.			
Scale			

Date	22 April 2024
No.	
Revised Issue	
Date	

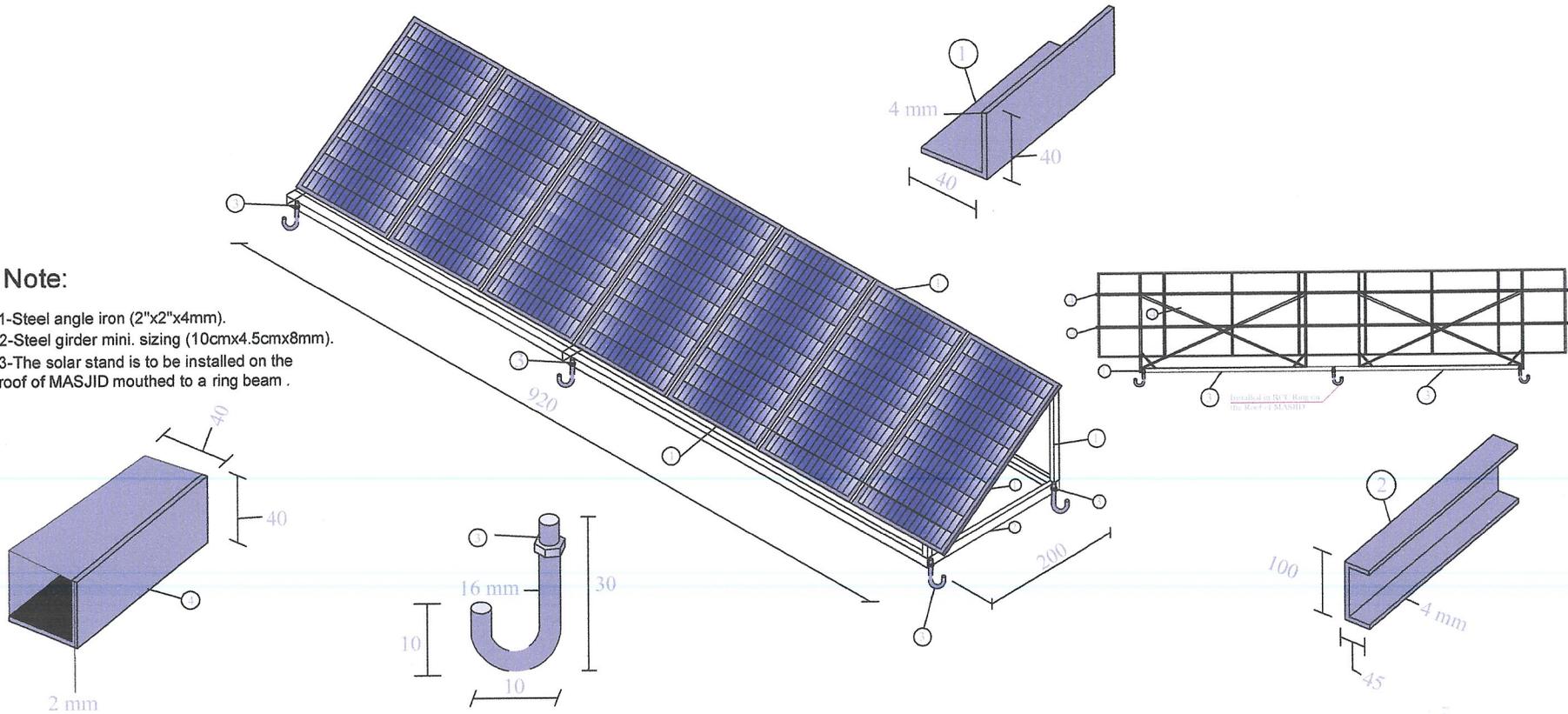
PROJECT NAME:  
DARGABRAN PIPE SCHEME  
LOCATION:  
GARABAGH DISTRICT, KABUL, AFGHANISTAN

At. Designed by	APBHO TECHNICAL TEAM
St. Designed by	APBHO TECHNICAL TEAM
Drawn by	APBHO TECHNICAL TEAM
Checked by	APBHO TECHNICAL TEAM
Approved by	APBHO TECHNICAL TEAM

Drawing Title	SOLAR STAND DETAILS	Sheet No.	
Drawing No.			009/013
Scale			

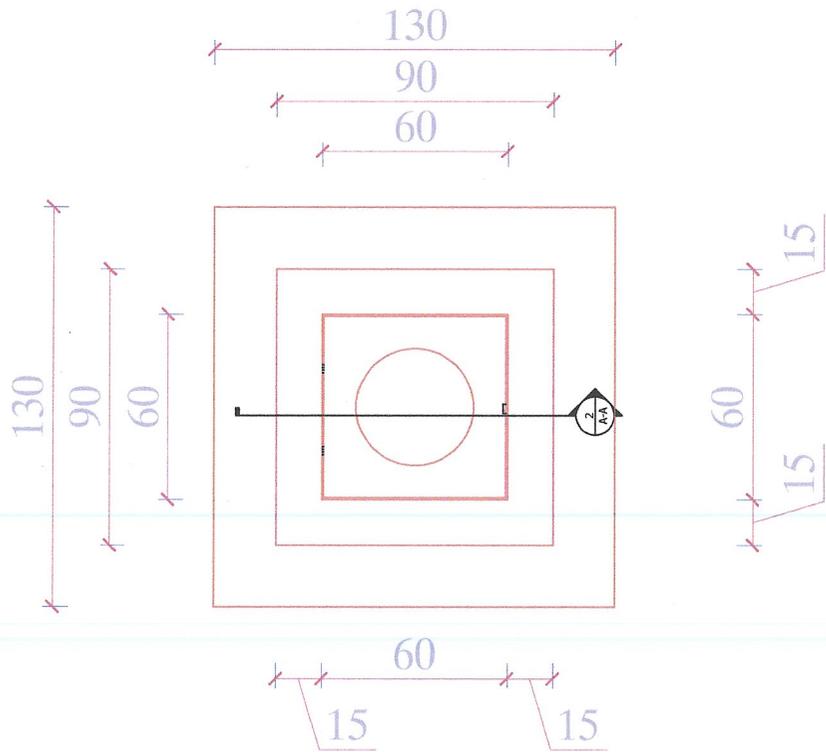
**Note:**

- 1-Steel angle iron (2"x2"x4mm).
- 2-Steel girder mini. sizing (10cmx4.5cmx8mm).
- 3-The solar stand is to be installed on the roof of MASJID mouthed to a ring beam .



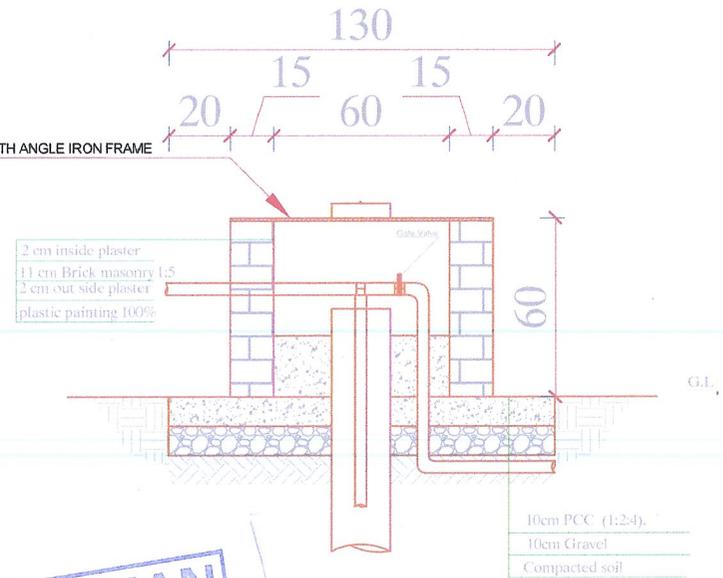
1 SOLAR STAND DETAILS  
Scale: 1:100





1 WELL PROTECTION  
Scale: 1:25

STEEL COVER(60x60)CM, 4MM THICK WITH ANGLE IRON FRAME  
LOCKABLE



2 SECTION A-A  
Scale: 1:25



Date: 22 April 2024

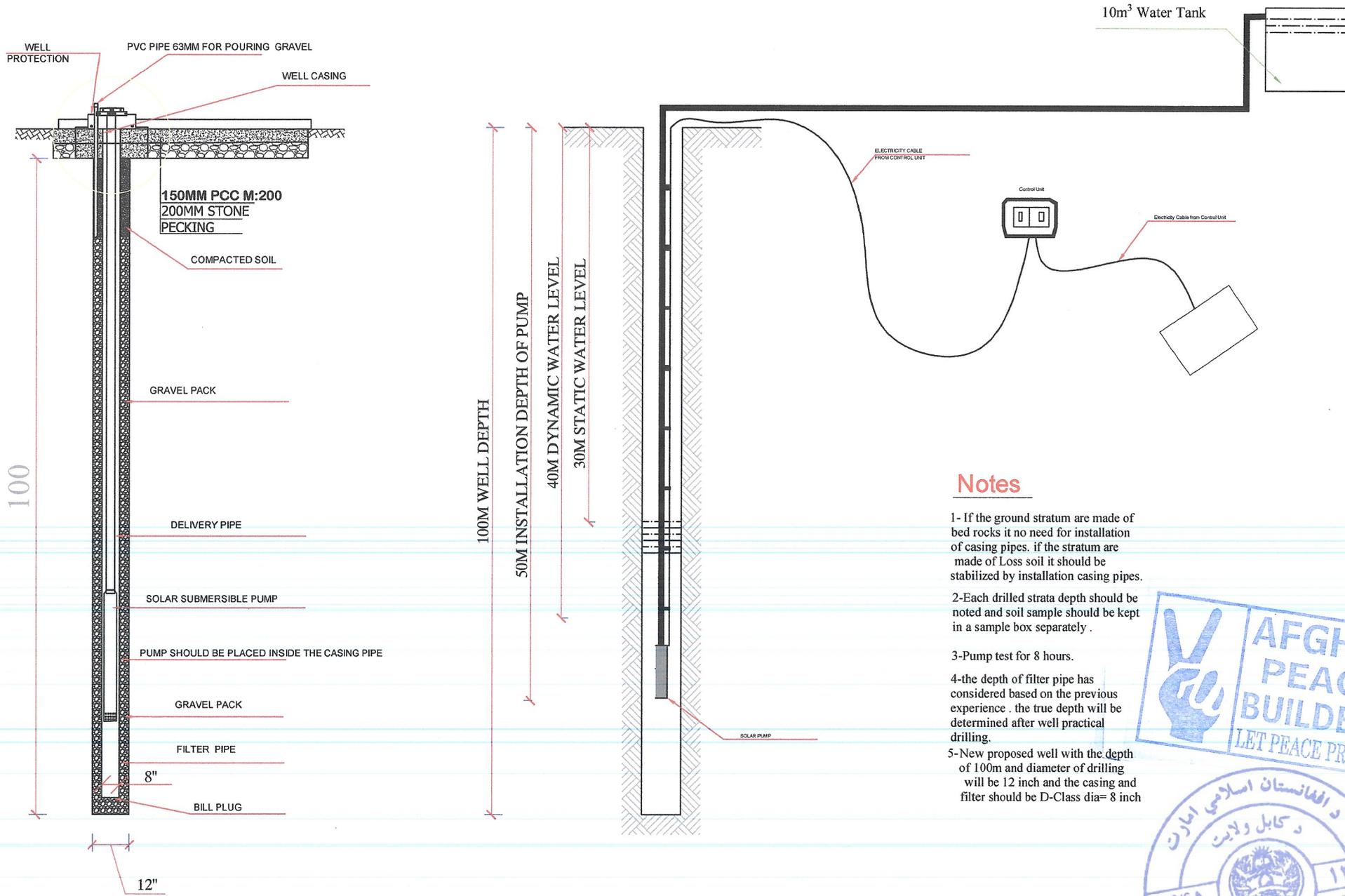
No. Revision Issue Date

PROJECT NAME: DRAINAGE OF PIPE SCHEME

LOCATION: GARDASHIKH DISTRICT, KABUL, AFGHANISTAN

Ar. Designed by	APBHO TECHNICAL TEAM
Sr. Designed by	APBHO TECHNICAL TEAM
Drawn by	APBHO TECHNICAL TEAM
Checked by	APBHO TECHNICAL TEAM
Approved by	APBHO TECHNICAL TEAM

Drawing Title:	WELL PROTECTION DETAILS	Sheet No:	010/012
Drawing No:			
Scale:			



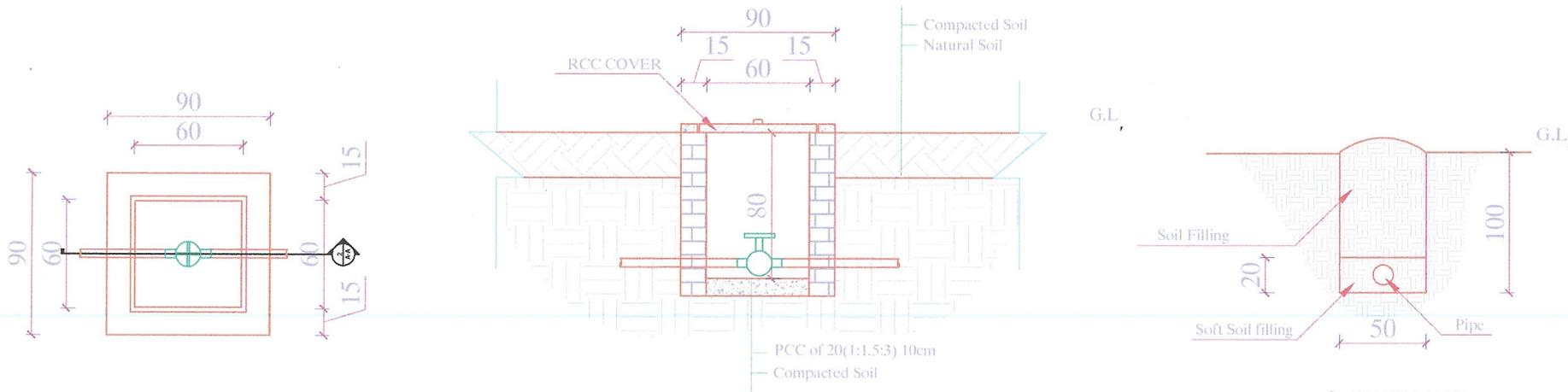
### Notes

- 1- If the ground stratum are made of bed rocks it no need for installation of casing pipes. if the stratum are made of Loss soil it should be stabilized by installation casing pipes.
- 2-Each drilled strata depth should be noted and soil sample should be kept in a sample box separately .
- 3-Pump test for 8 hours.
- 4-the depth of filter pipe has considered based on the previous experience . the true depth will be determined after well practical drilling.
- 5-New proposed well with the depth of 100m and diameter of drilling will be 12 inch and the casing and filter should be D-Class dia= 8 inch

1 WELL SECTION& DETAILS  
Scale: 1:200



Date	22 April 2024
Issue	Revisory Issue
PROJECT NAME:	DARGAMKALAN PIPE SCHEME
LOCATION:	CHURAH GHORJESTRAE KABUL, AFGHANISTAN
Designed By	APBHO TECHNICAL TEAM
Checked By	APBHO TECHNICAL TEAM
Drawn By	APBHO TECHNICAL TEAM
Approved By	APBHO TECHNICAL TEAM
Sheet No.	013/013



① GATE VALVE BOX PLAN  
Scale: 1:25

② SECTION A-A  
Scale: 1:25

① PIPE TRENCH DETAILS  
Scale: 1:25



Date	22 April 2024
No	
Revised/ Issue	
Date	

PROJECT NAME:  
DISBURSAL PIPE SCHEME  
LOCATION:  
GMSABGH DISTRICT, KABUL, AFGHANISTAN

Ar. Designed by	APBHO TECHNICAL TEAM
Et. Designed by	APBHO TECHNICAL TEAM
Drawn by	APBHO TECHNICAL TEAM
Checked by	APBHO TECHNICAL TEAM
Approved by	APBHO TECHNICAL TEAM

Drawing Title	PIPE TRENCH DETAILS	Sheet No.	
Drawing No.			011/012
Scale			

Date	22 April 2024
No.	
Revision/ Issue	
Date	

PROJECT NAME:  
SARAWALPUR FIRE SHELTER  
LOCATION:  
SARAWALPUR DISTRICT, KABUL, AFGHANISTAN

Ar. Designed by	APBHO TECHNICAL TEAM
St. Designed by	APBHO TECHNICAL TEAM
Drawn by	APBHO TECHNICAL TEAM
Checked by	APBHO TECHNICAL TEAM
Approved by	APBHO TECHNICAL TEAM

Drawing Title:	STANDTAP PLAN	Sheet No.:	
Drawing No.:		012	013
Scale:			

