

WORLD VISION AFGHANISTAN

Project: **DFID-R3**

World Vision
ورلد ویژن

Province: Badghis	District: Abkamari	Village: Tahte Dare Kokchail	Project ID Number: A213461
Designed by: WVA Eng Team	Drawn by: WVA Eng Team	Reviewed by: WVA Eng Team	File Name: Drawing.dwg

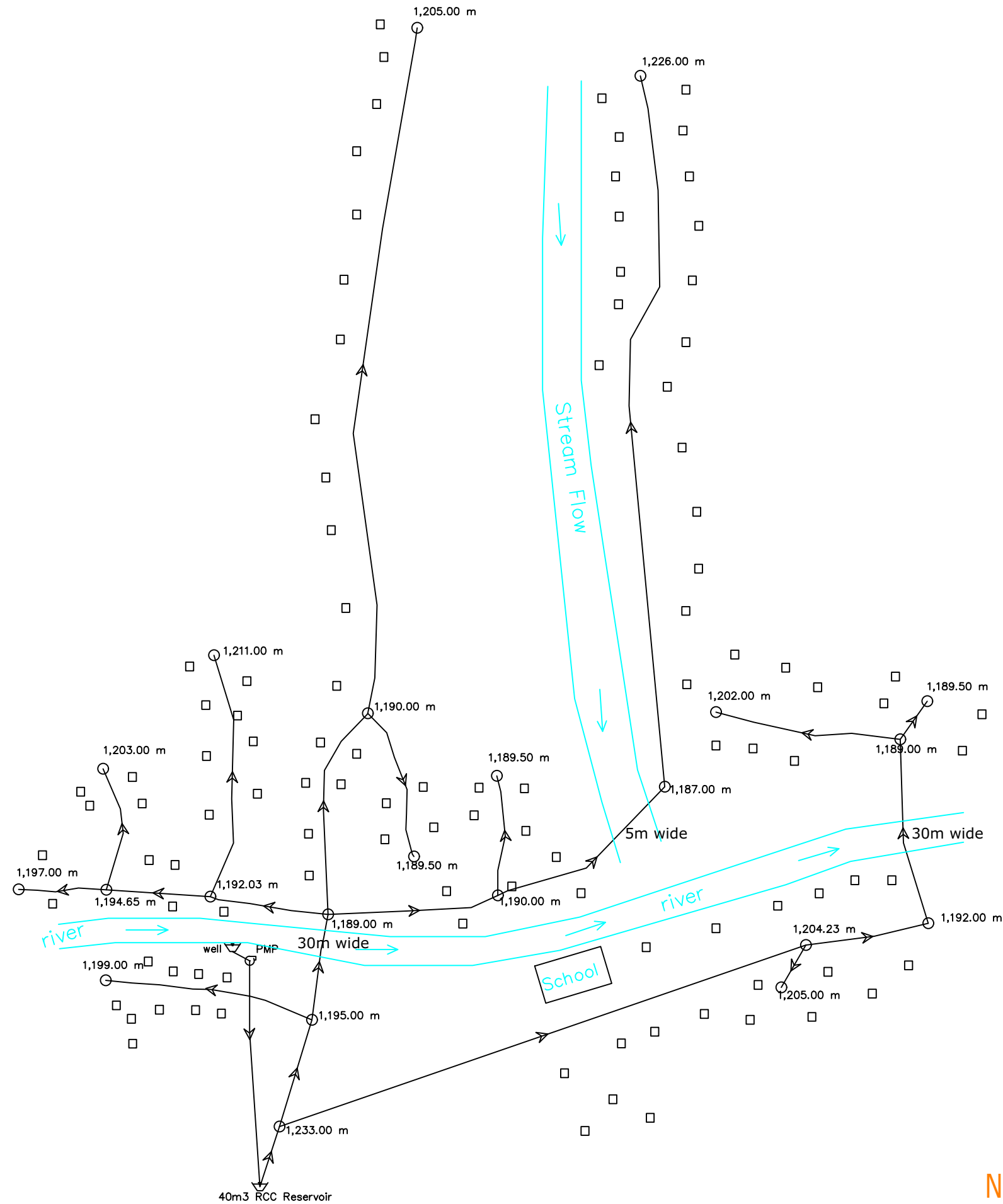
Site Plan

A3

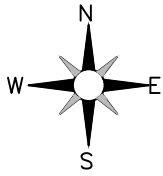
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Number:
W - 001

Plot Date:
28.July.2022

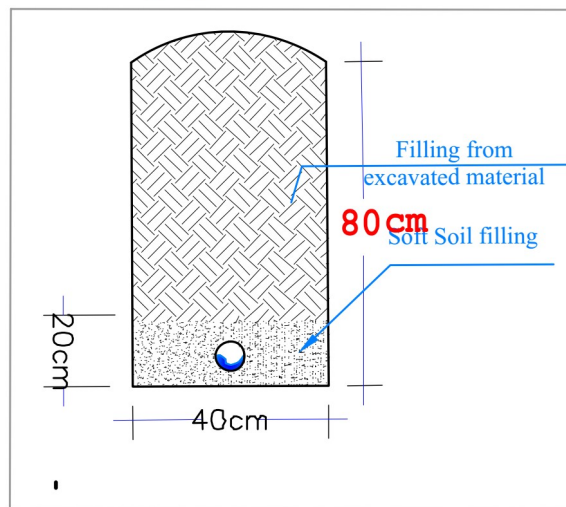
Plot Scale:
NTS



Number of Families: 230



pipe trench



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Lenght and Dia

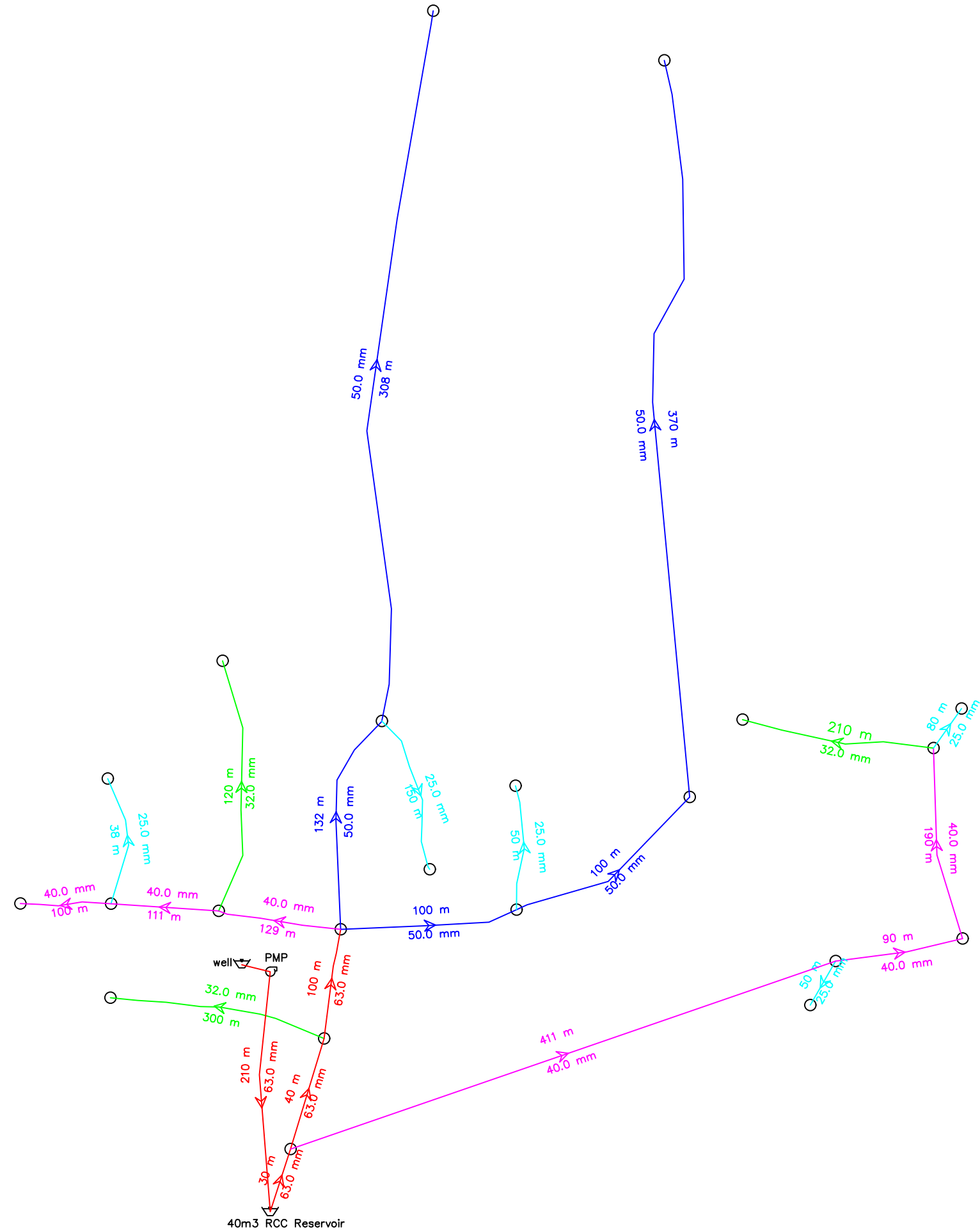
A3

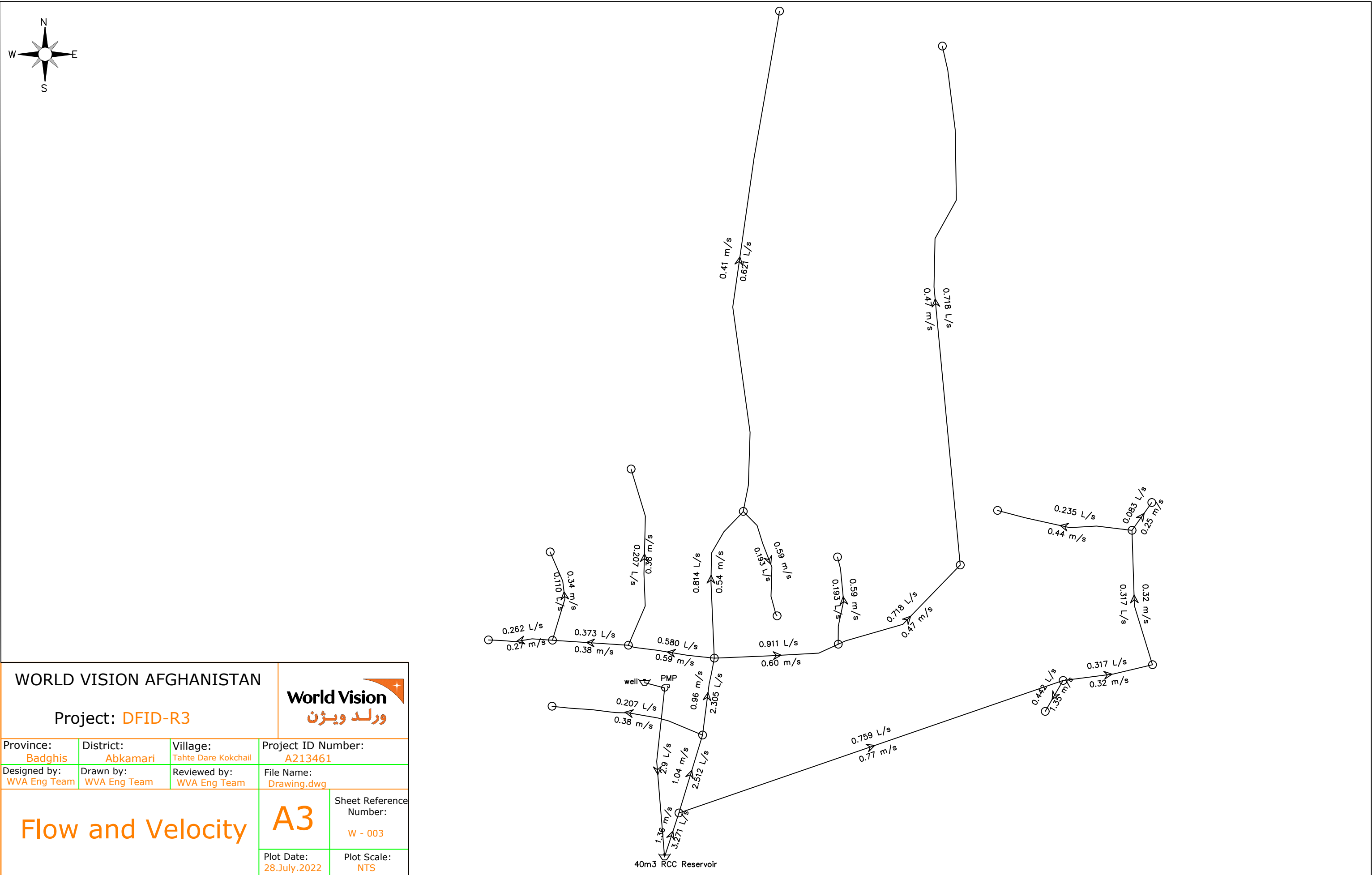
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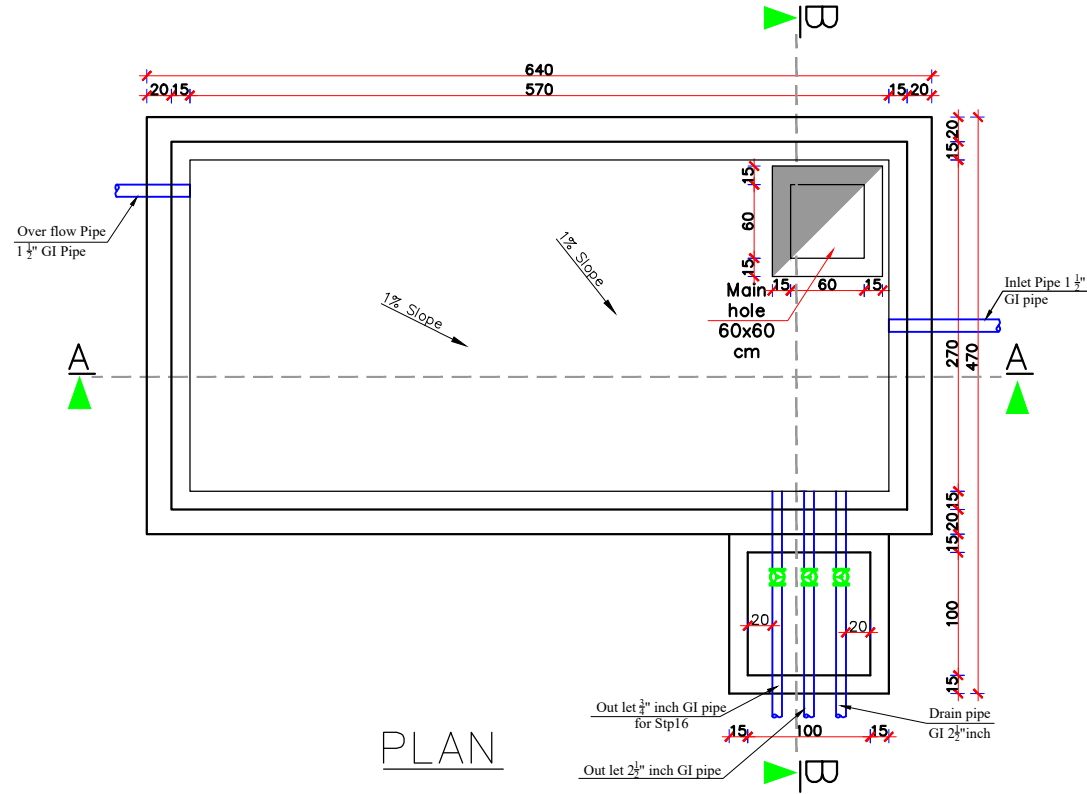
W - 002

Plot Date:
28.July.2022

Plot Scale:
NTS







PLAN

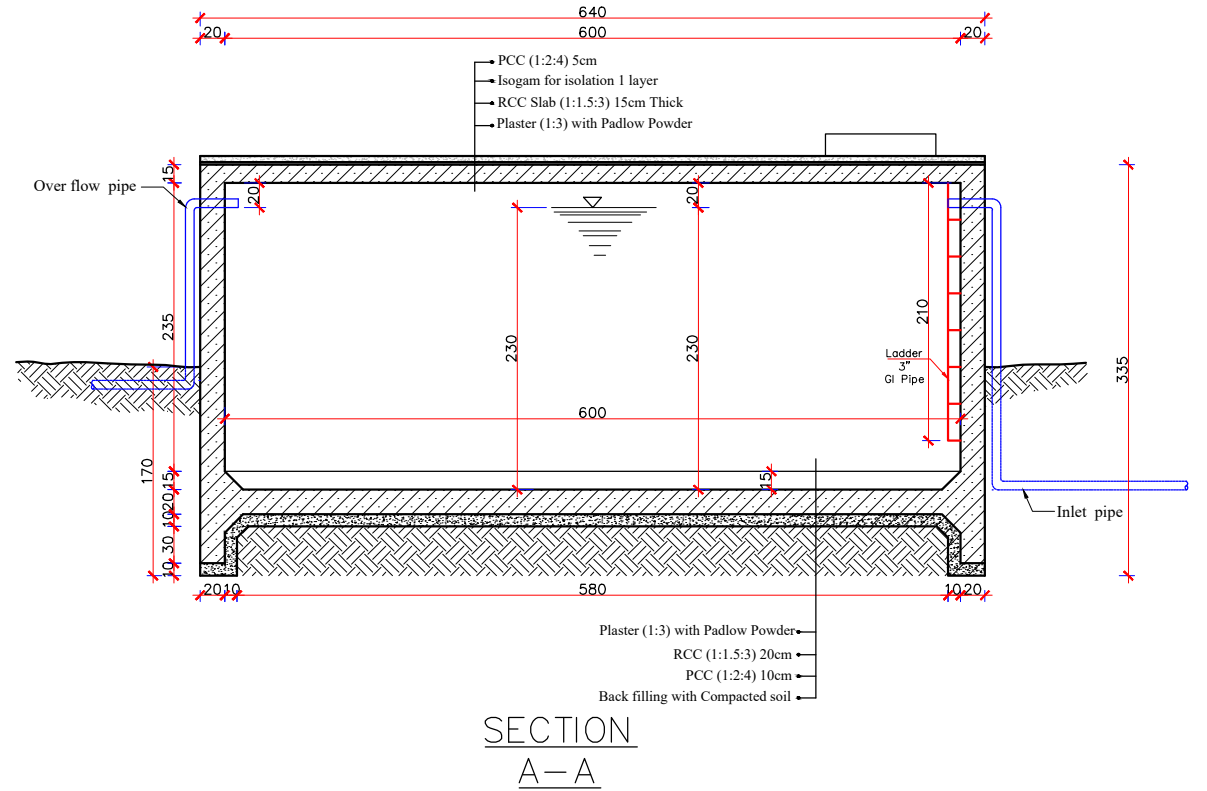
- Note:**
- 1- All dimensions are in cm unless otherwise stated.
 - 2- During RCC work vibrator must be used to avoid water leakage from reservoir.
 - 3- All PCC works should be with 1:2:4 mortar unless otherwise stated.
 - 4- All RCC works should be with 1:1.5:3 mortar.
 - 5- Isolation material is glass wool.
 - 7- Curing must be continued upto 28 days.
 - 8- Clear and Clean water must be used every where.
 - 9- The inlet, outlet, overflow and washing pipes should be adjusted according to site condition.

WORLD VISION AFGHANISTAN

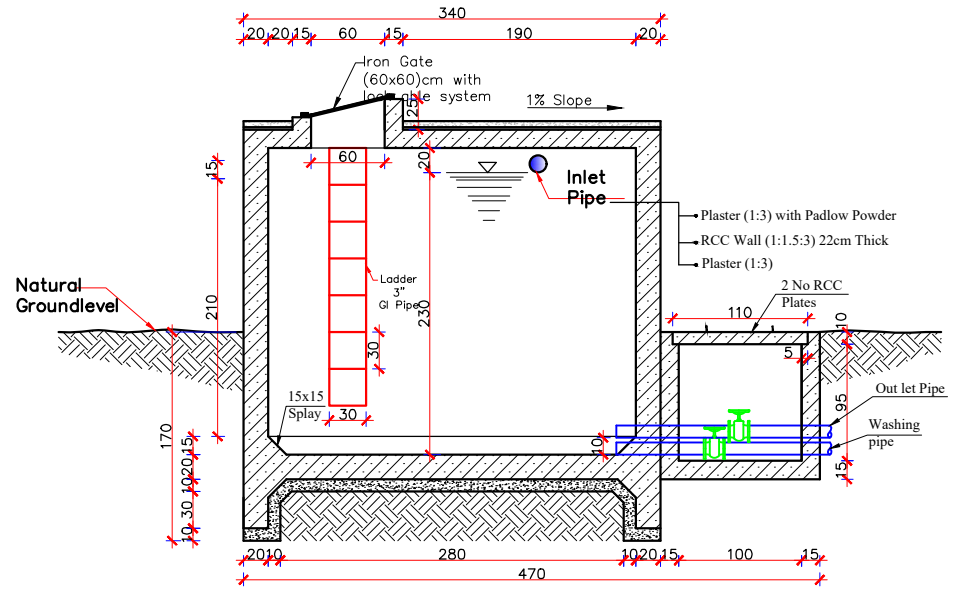
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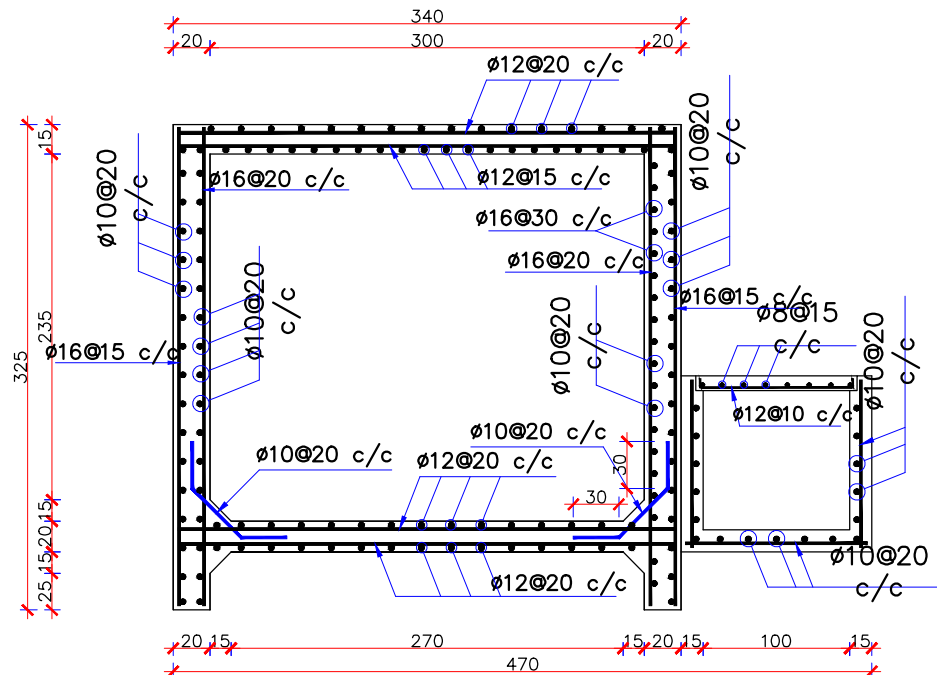
Province: Badghis	District: Abkamari	Village: Tahte Dare Kokchail	Project ID Number: A213461
Designed by: WVA Eng Team	Drawn by: WVA Eng Team	Reviewed by: WVA Eng Team	File Name: Drawing.dwg
40M3 RCC Reservoir			Sheet Reference Number: A3 W - 004
			Plot Date: 28.July.2022 Plot Scale: NTS



SECTION
A-A



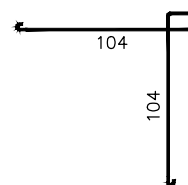
SECTION
B-B



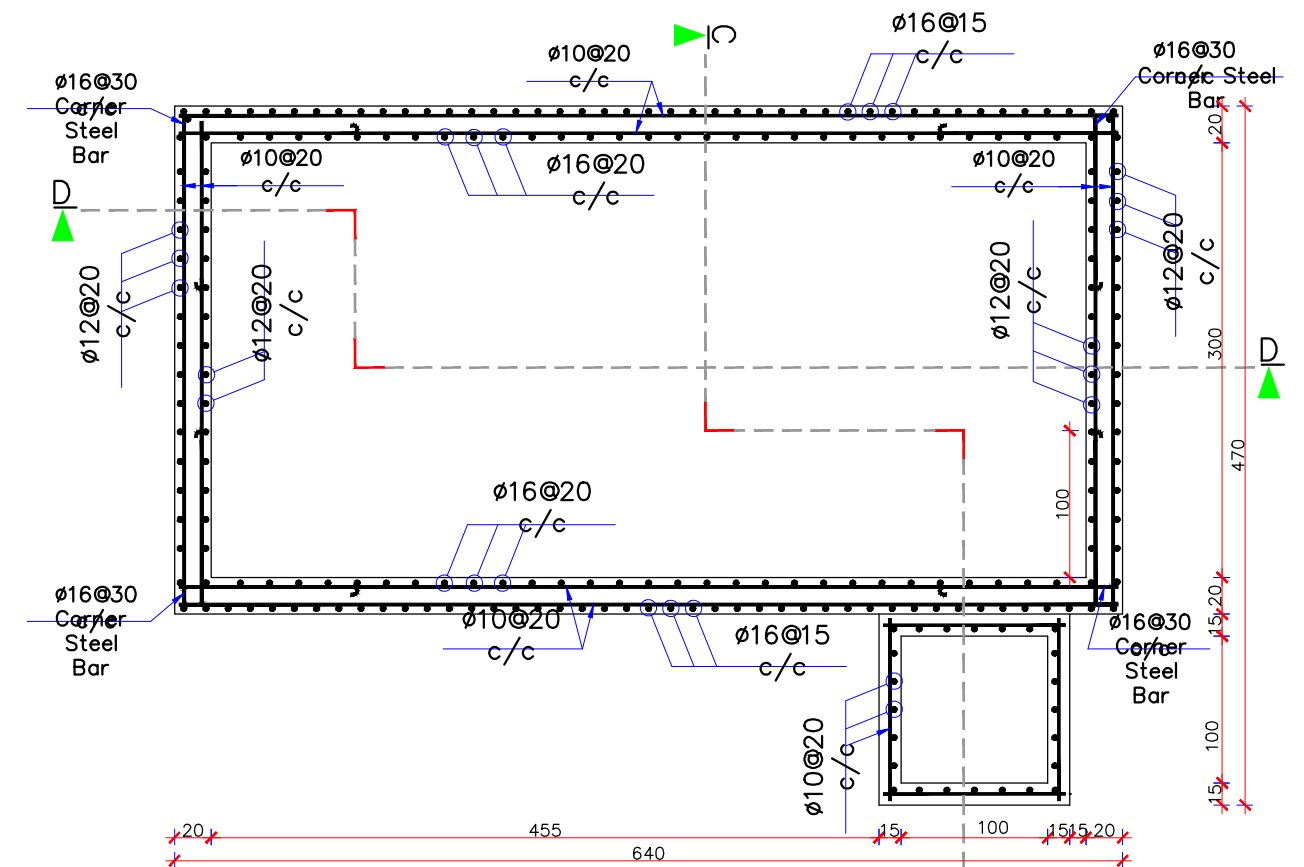
SECTION
C-C

Note:

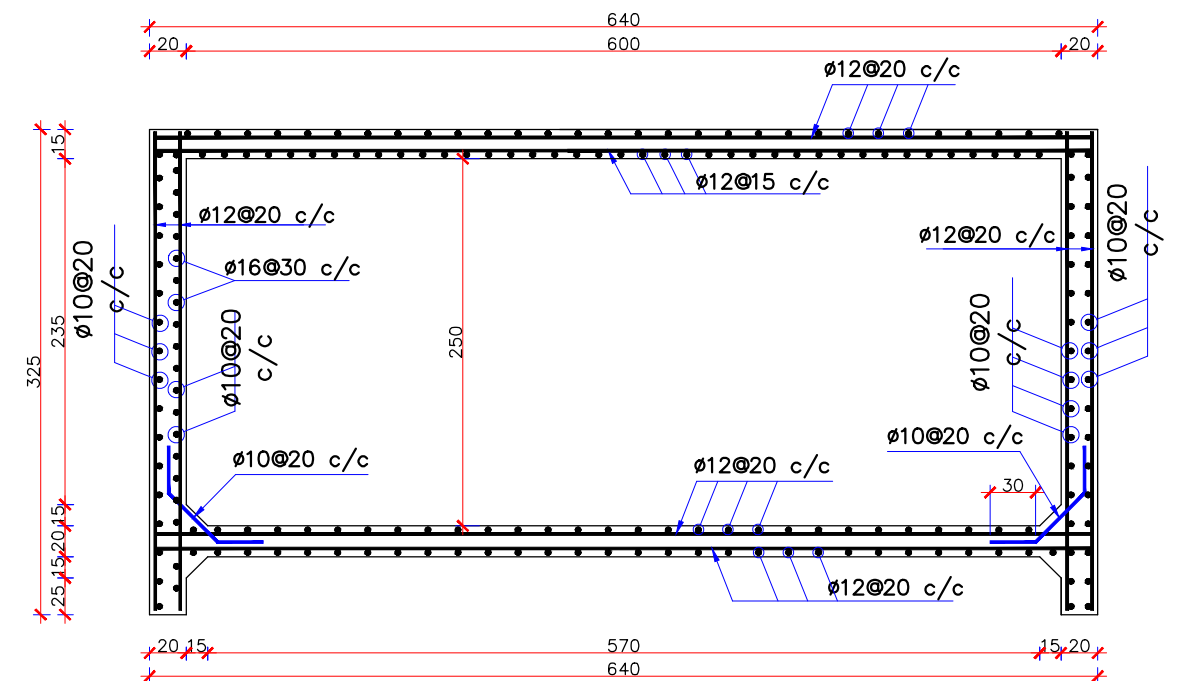
- 1- All dimensions are in cm unless otherwise stated.
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- 4- All RCC works should be with 1:1.5:3 mortar.
- 5- Isolation material is glass wool.
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- 8- Clear and Clean water must be used every where.
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Corner Steel Bar $\phi 16$
@30 c/c
L=250cm



REINFORCEMENT PLAN



SECTION
D-D

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40M3 RCC Reservoir

A3

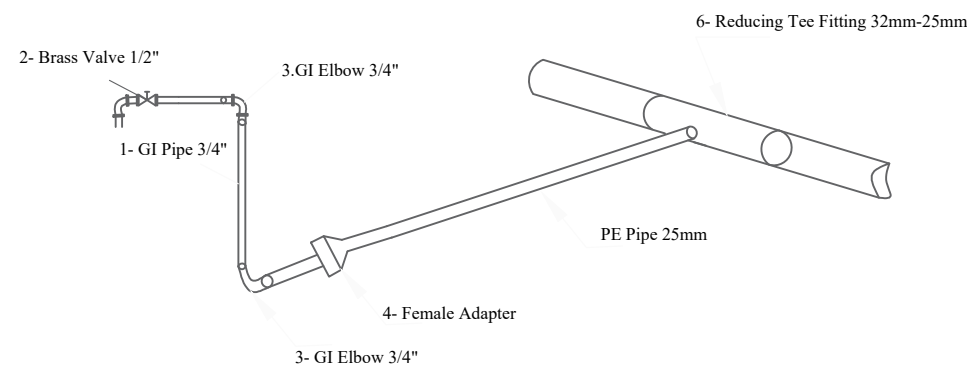
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W - 005

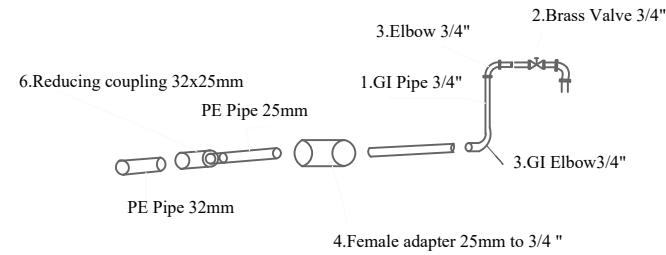
Plot Date:
28.July.2022

Plot Scale:
NTS

STP Detail-01



STP Detail-02



STP Detail-03

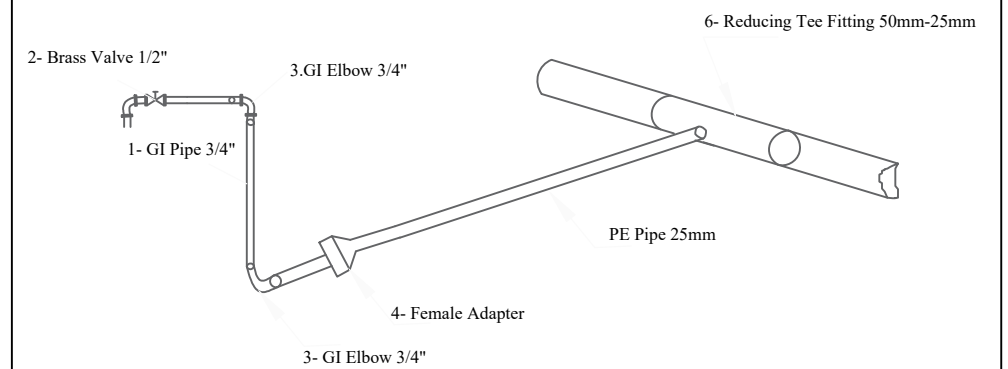


TABLE-1 (STP FITTINGS DETAILS for STP 1 & 2)

No	Description	Unit	Quantity/tap	Total	Remarks
1	GI Pipes 3/4"	LM	3	6	
2	Brass Valve 3/4"	No	1	2	
3	GI Elbow 3/4"	No	2	4	
4	PE Female Adapter 25mm to 3/4"	No	1	2	
5	Nipple 3/4"	No	1	2	
6	PE Reducing T Fitting 32mm to 25mm	No	1	2	

TABLE-1 (STP FITTINGS DETAILS for STP 3)

No	Description	Unit	Quantity/tap	Total	Remarks
1	GI Pipes 3/4"	LM	3	3	
2	Brass Valve 3/4"	No	1	1	
3	GI Elbow 3/4"	No	2	2	
4	PE Female Adapter 25mm to 3/4"	No	1	1	
5	Nipple 3/4"	No	1	1	
6	PE Reducing Couplings 32mm to 25mm	No	1	1	

TABLE-1 (STP FITTINGS DETAILS for STP 4)

No	Description	Unit	Quantity/tap	Total	Remarks
1	GI Pipes 3/4"	LM	3	3	
2	Brass Valve 3/4"	No	1	1	
3	GI Elbow 3/4"	No	2	2	
4	PE Female Adapter 25mm to 3/4"	No	1	1	
5	Nipple 3/4"	No	1	1	
6	PE Reducing T Fitting 40mm to 25mm	No	1	1	

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Badghis	Abkamari	Tante Dare Koxchail	A213461
Designed by:	Drawn by:	Reviewed by:	File name:
WVA Eng Team	WVA Eng Team	WVA Eng Team	Drawing.dwg

Sheet Reference Number:

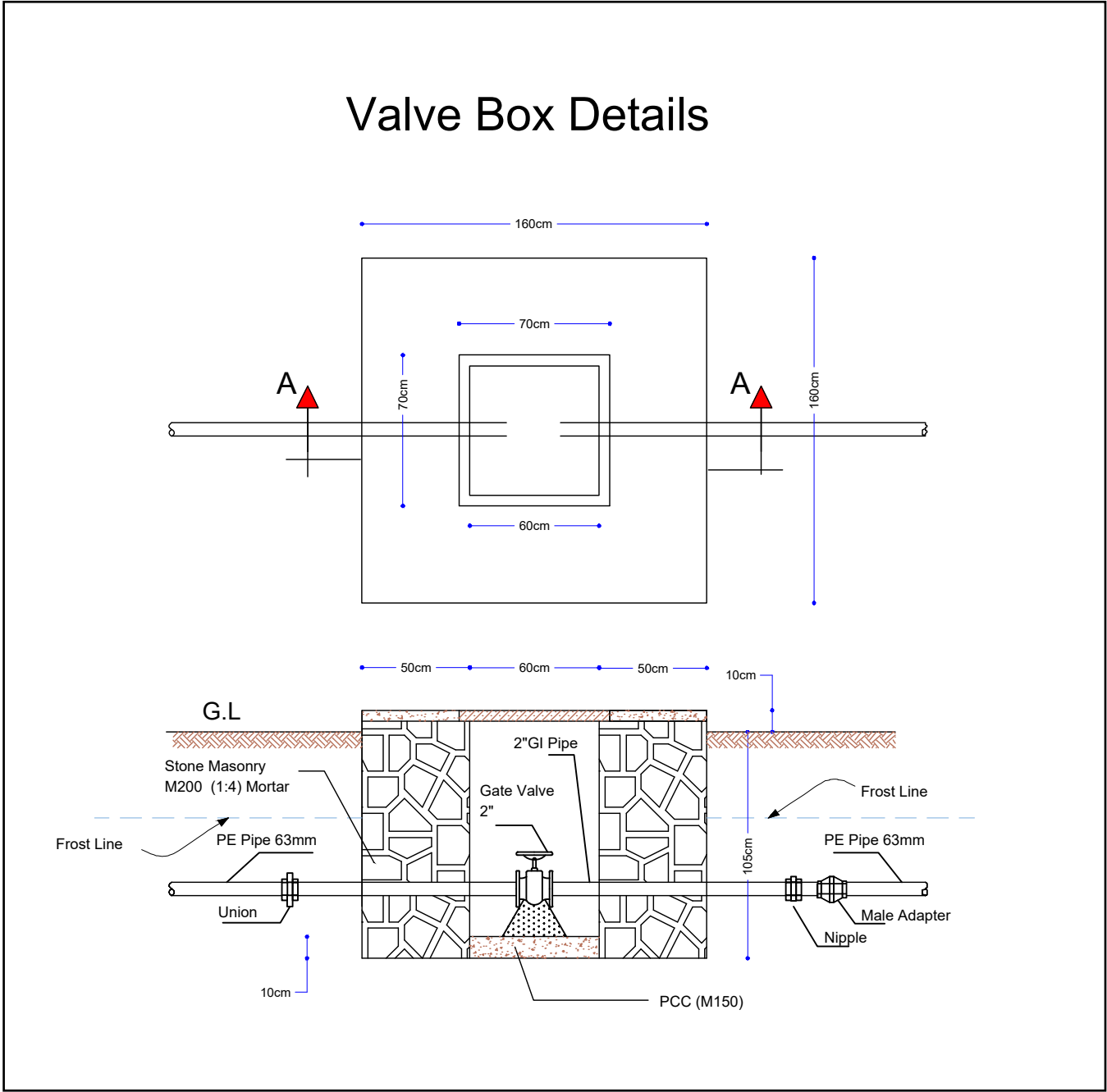
A3

W-006

STP & Apron DETAILS

Plot Date:
28 July 2022

Plot Scale:
NTS



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IFID-R3			
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Designed by: WVA Eng Team	Drawn by: WVA Eng Team	Reviewed by: WVA Eng Team	File name: Drawing.dwg
VALVE BOX DETAILS			Sheet Reference Number: W - 007
			Plot Date: 28 July 2022
			Plot Scale: NTS

Point table for well and Reservoir

Discriptions	Elevation	Latitude	Longtitude
well	1186 m	34.8721	62.8485
R-1	1243 m	34.8707	62.8495

water pump

Discriptions	Head	Type	Name	Discharge
Pump	70-230 M	4SR10/35 7.5KW 10HP	Pedrolio	10.08 M3/hr

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Sheet Reference
Number:

A3

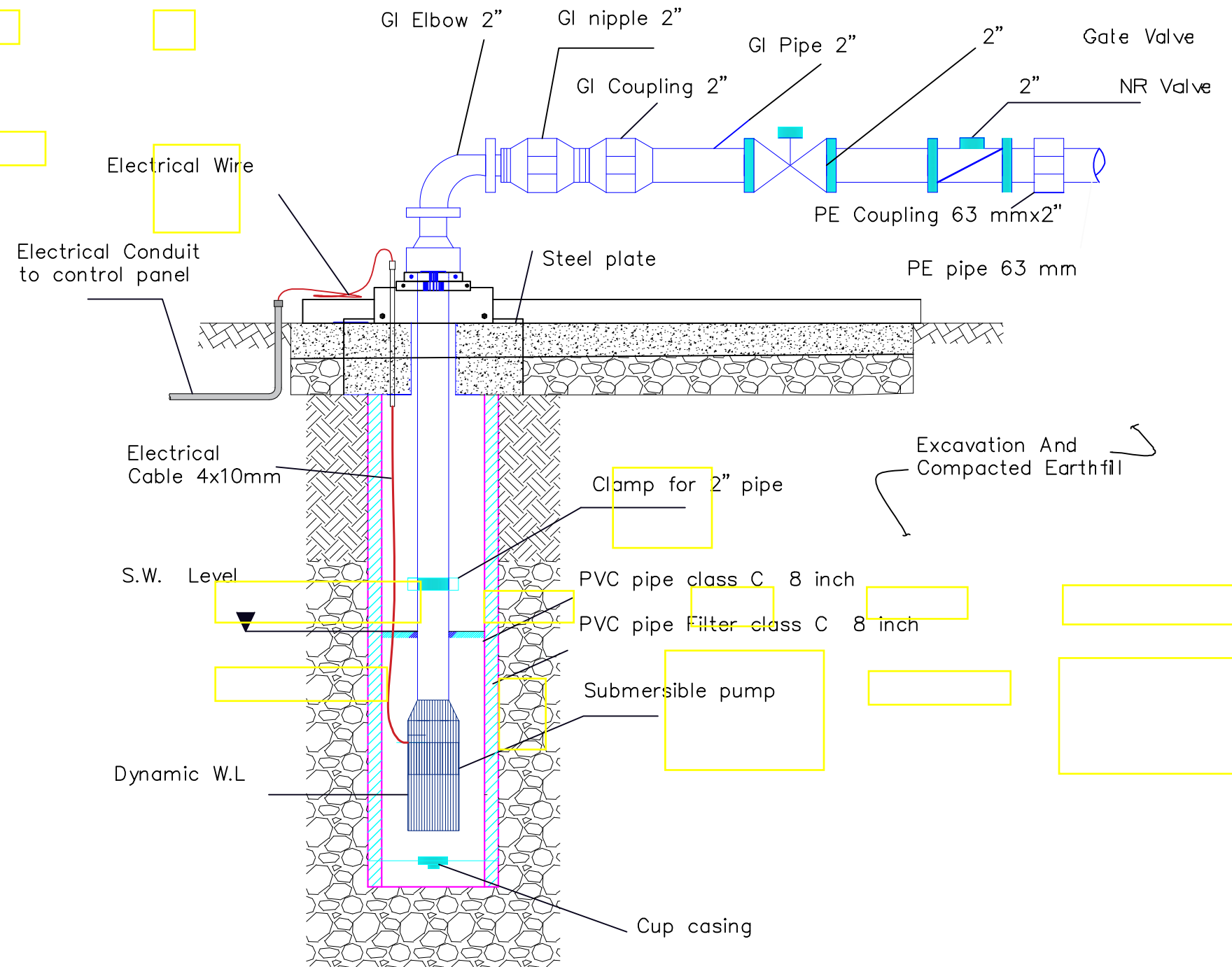
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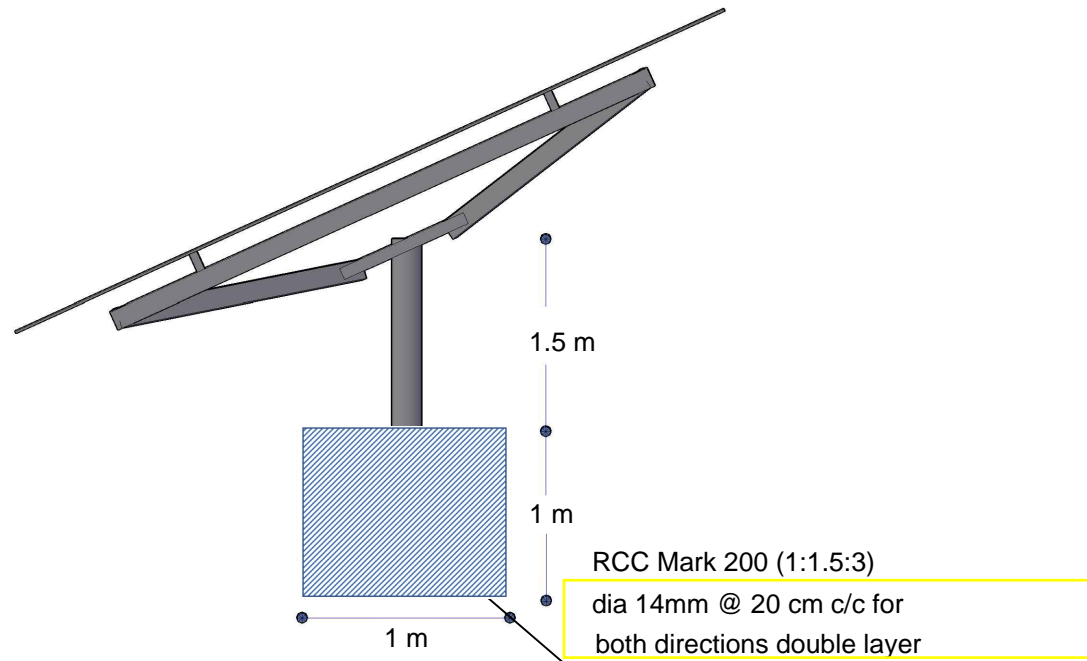
WELL DETAILS

Plot Date:
28 July 2022

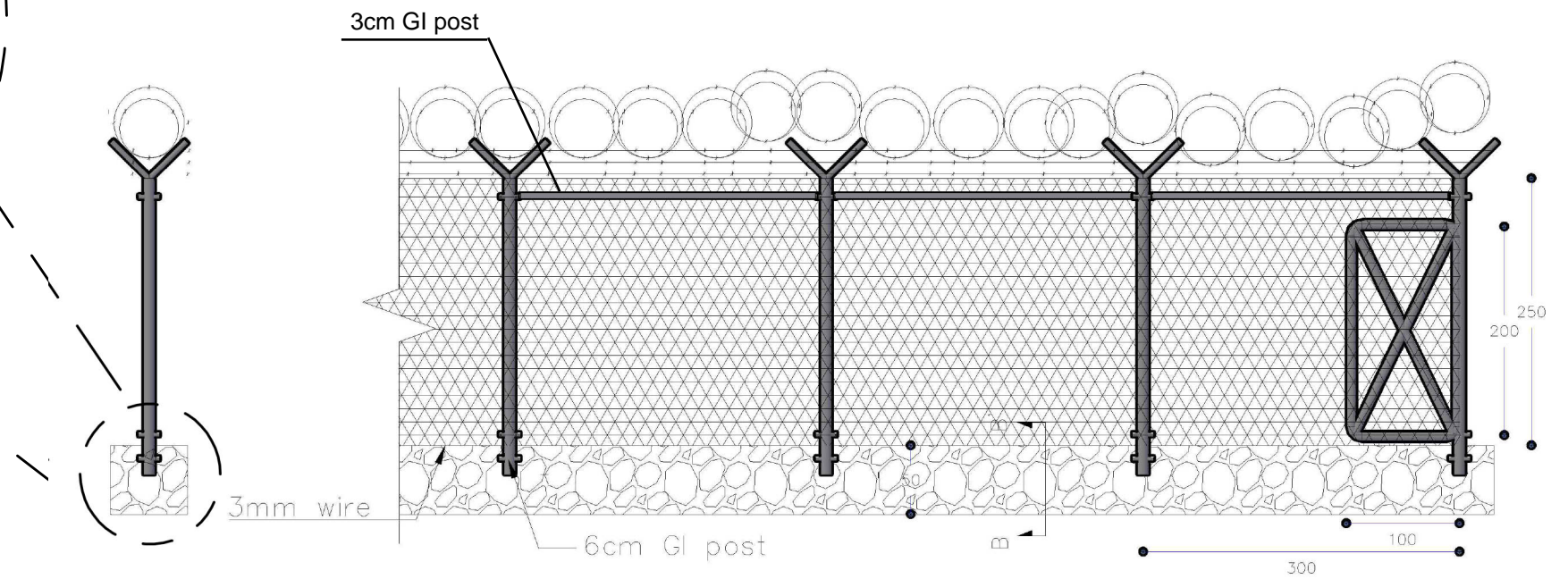
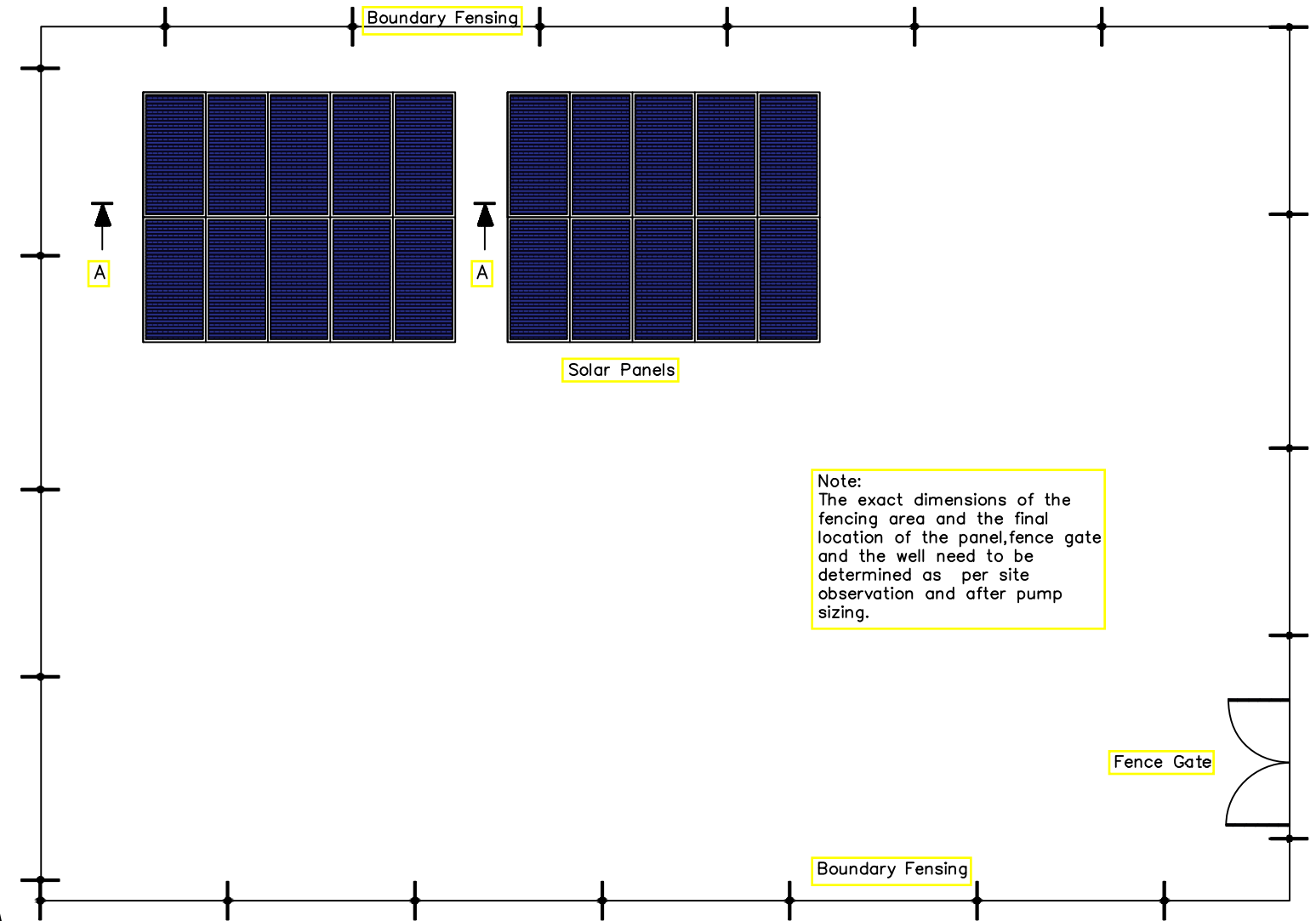
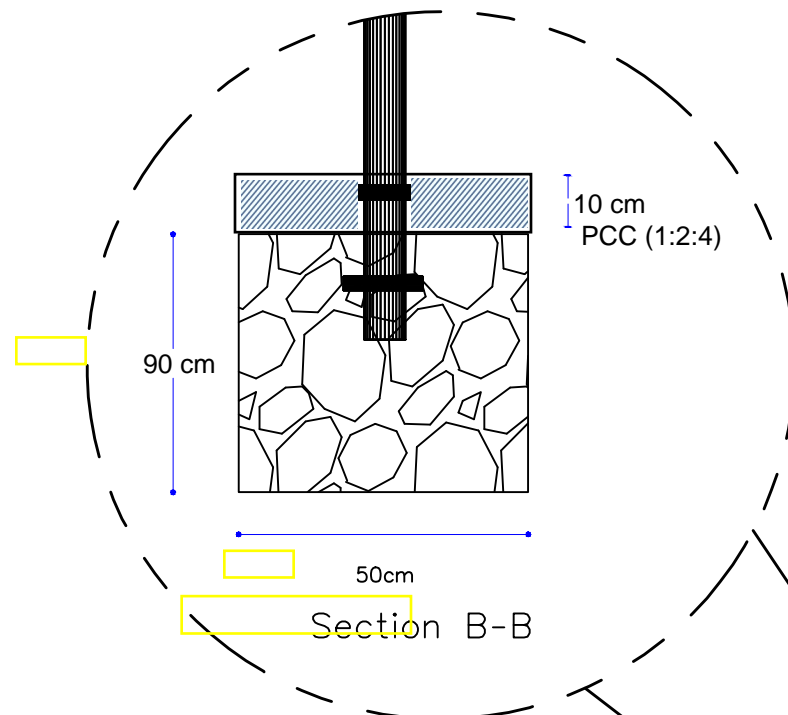
Plot Scale:
NTS

Well Details





Section A-A
Solar Panel and Stand Details



Fencing Details

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Sheet Reference
Number:

A3

W-009

FENCE AND SOLAR

Plot Date:
28 July 2022

Plot Scale:
NTS