

WORLD VISION AFGHANISTAN

DFID-R3 Project

World Vision

ورلد ویژن

Province: Badghis	District: Qadis	Village: Khalifah Ha	Project ID Number: A213461
Designed by: WVA Eng Team	Drawn by: WVA Eng Team	Reviewed by: WVA Eng Team	File name: Drawing.dwg

Sheet Reference
Number:

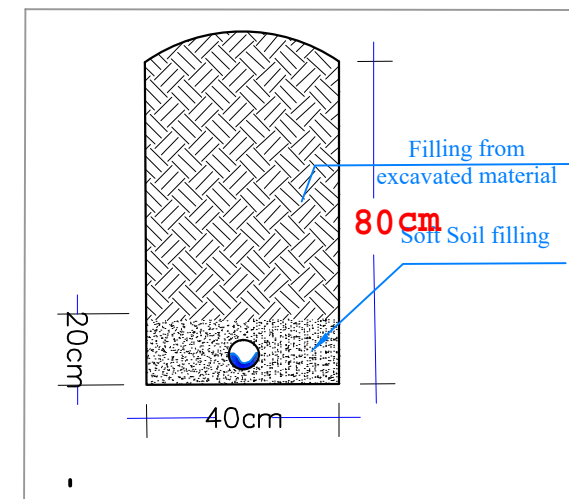
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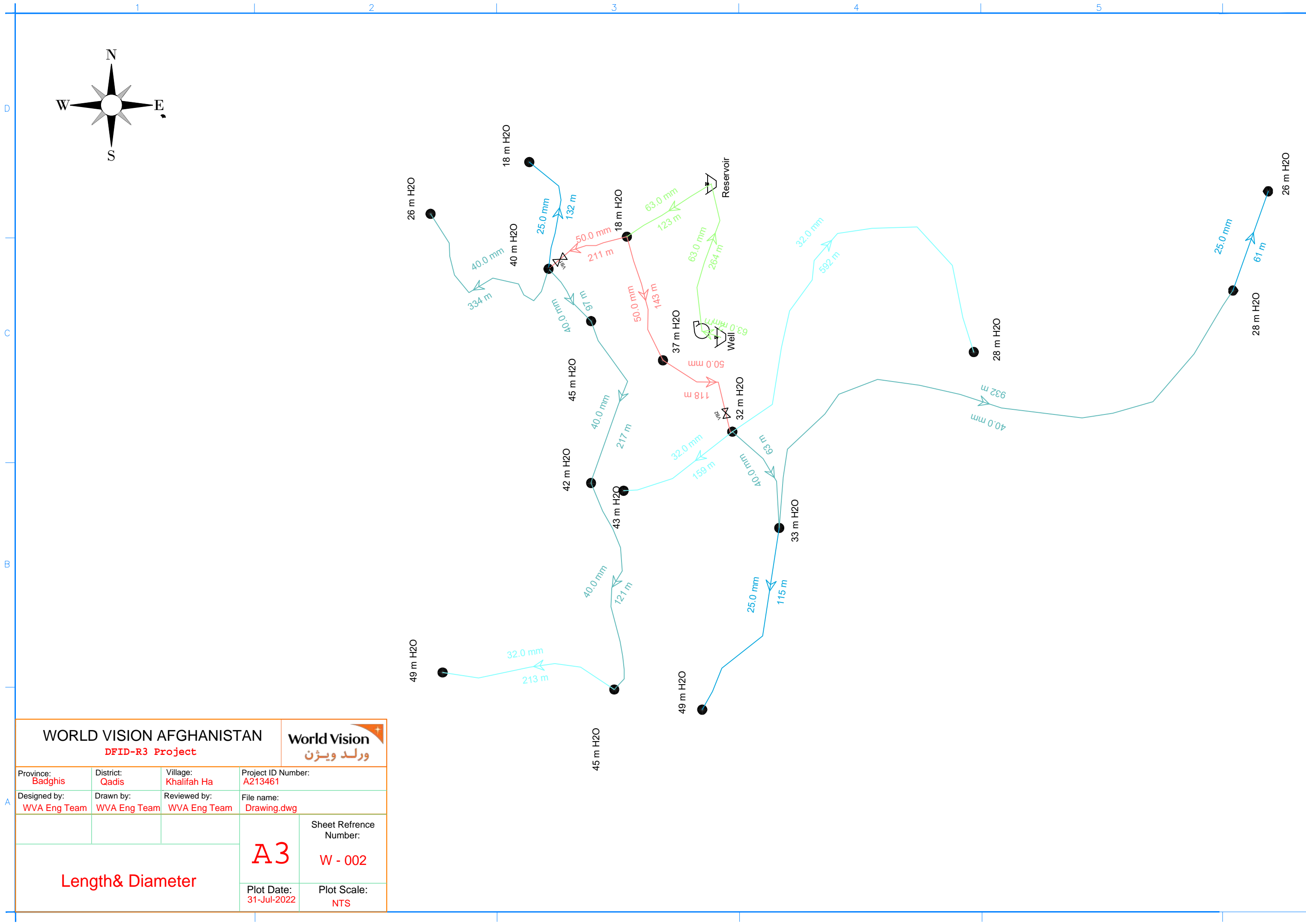
W - 001

SITE PLAN Portion 1

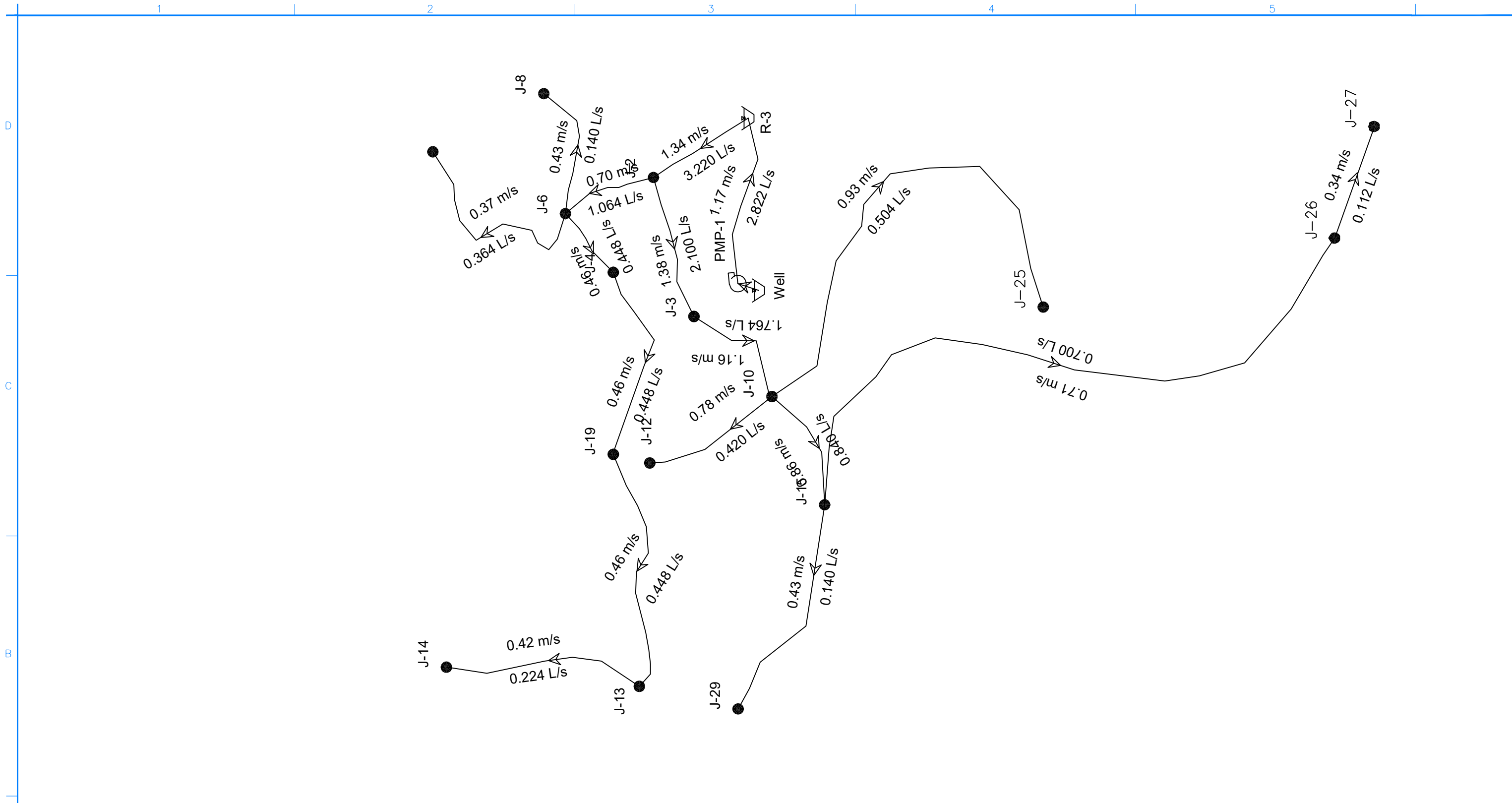
Plot Date:
31-Jul-2022

Plot Scale:
NTS

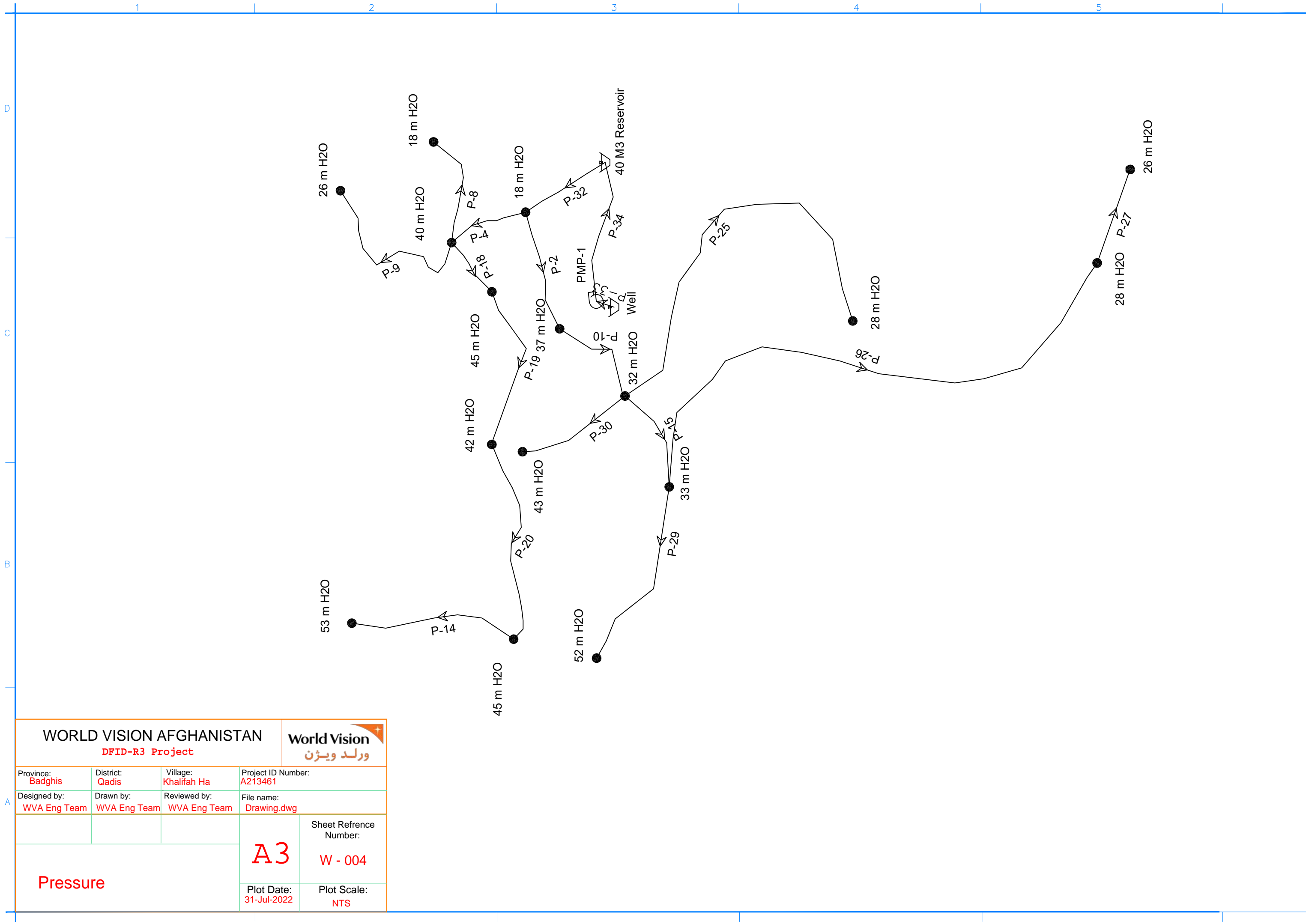





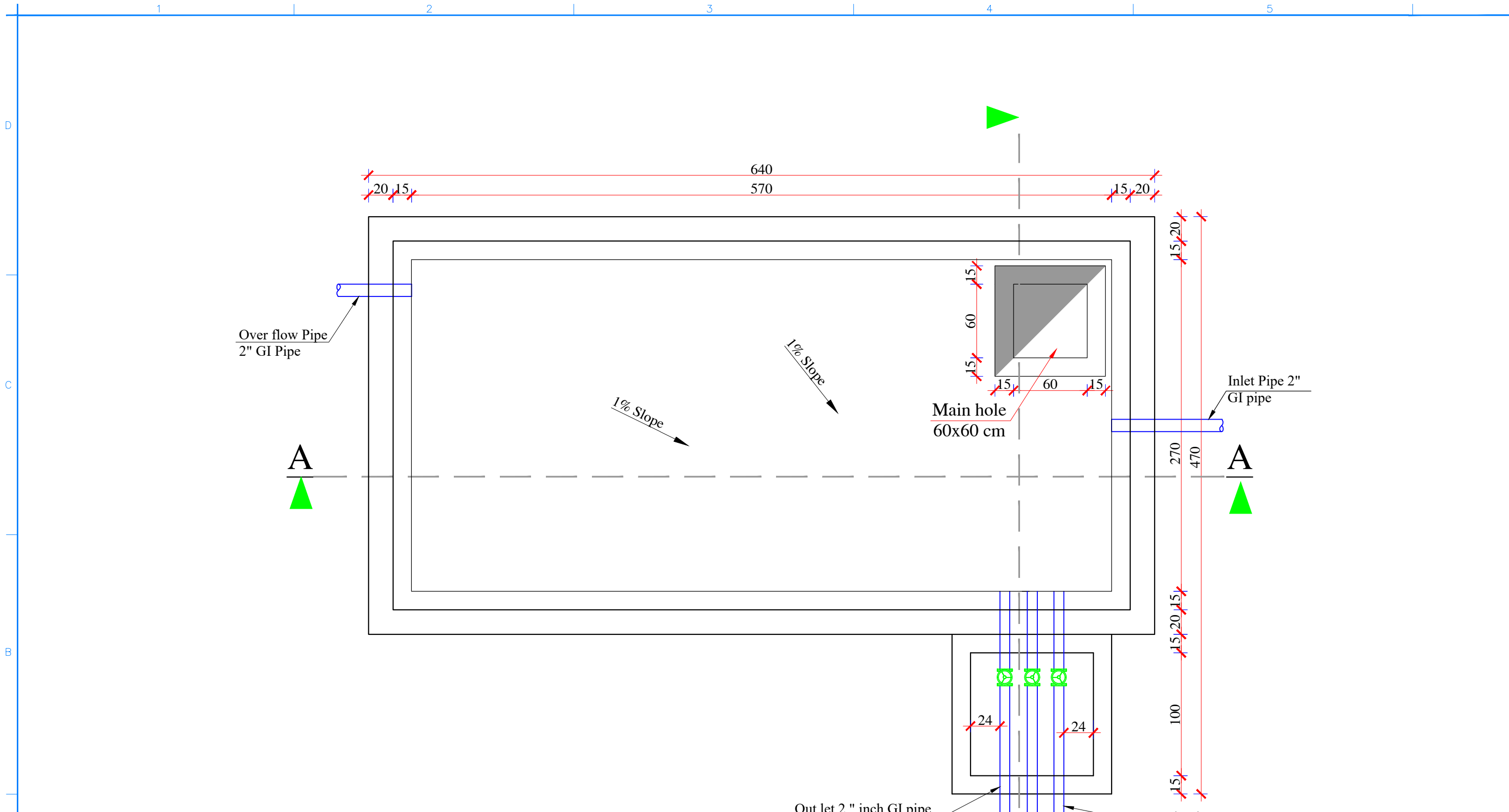
WORLD VISION AFGHANISTAN DFID-R3 Project			World Vision ورلد ویژن	
Province: Badghis	District: Qadis	Village: Khalifah Ha	Project ID Number: A213461	
Designed by: WVA Eng Team	Drawn by: WVA Eng Team	Reviewed by: WVA Eng Team	File name: Drawing.dwg	
Length& Diameter			A3	Sheet Refrence Number: W - 002
			Plot Date: 31-Jul-2022	Plot Scale: NTS



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Designed by: WVA Eng Team	Drawn by: WVA Eng Team	Reviewed by: WVA Eng Team	File name: Drawing.dwg	
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Flow& Velocity			A3	W - 003
			Plot Date: 31-Jul-2022	Plot Scale: NTS

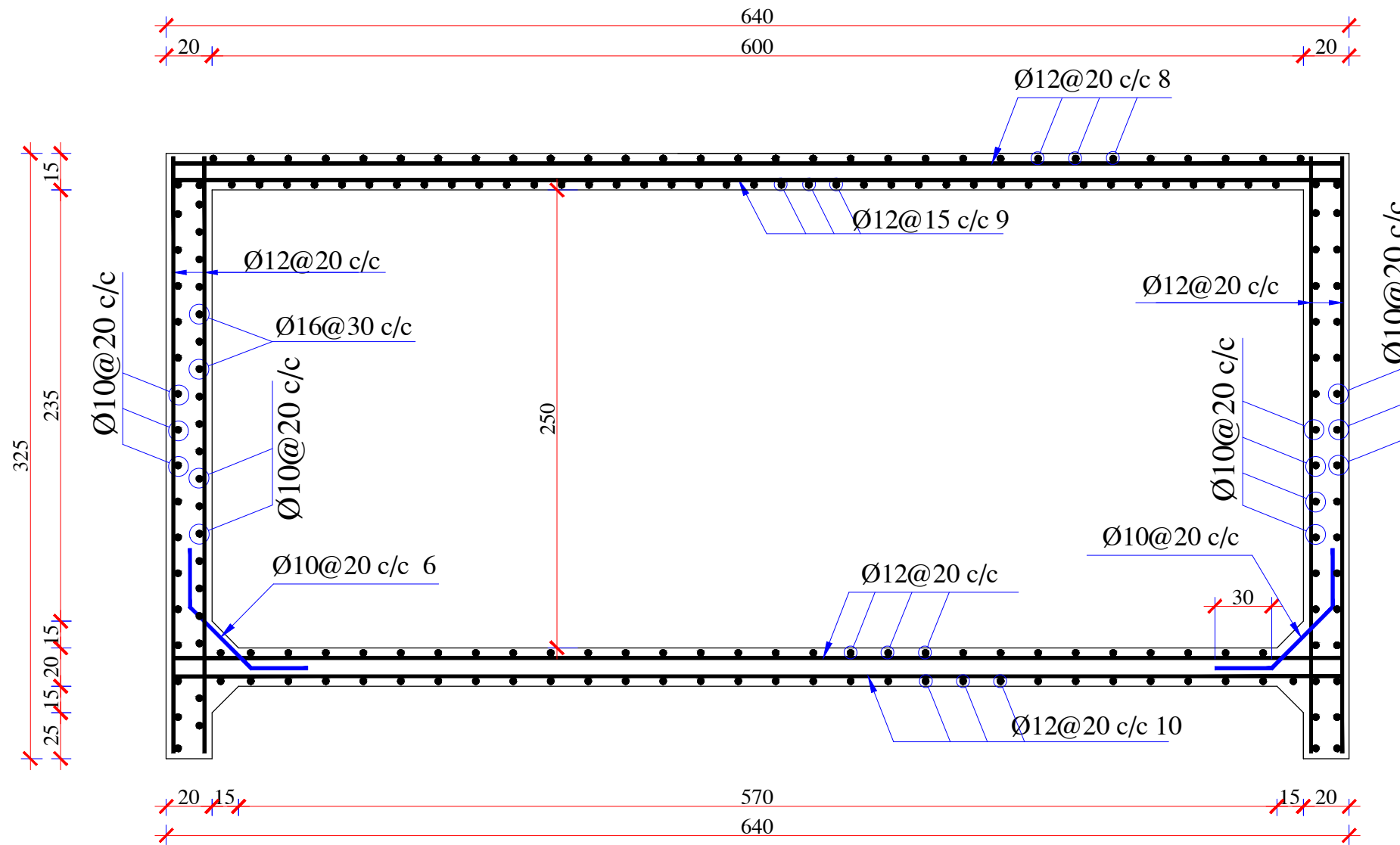


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Province: Badghis	District: Qadis	Village: Khalifah Ha	Project ID Number: A213461	
Designed by: WVA Eng Team	Drawn by: WVA Eng Team	Reviewed by: WVA Eng Team	File name: Drawing.dwg	
Pressure			A3	Sheet Refrence Number: W - 004
				Plot Date: 31-Jul-2022



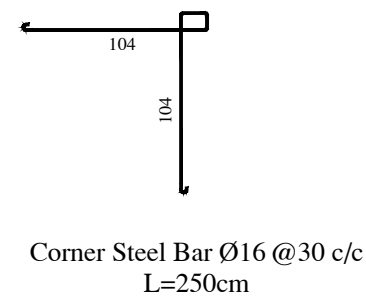
WORLD VISION AFGHANISTAN DFID-R3 Project			World Vision ورلد ویژن	
Province: Badghis	District: Qadis	Village: Khalifah Ha	Project ID Number: A213461	
Designed by: WVA Eng Team	Drawn by: WVA Eng Team	Reviewed by: WVA Eng Team	File name: Drawing.dwg	
40M3 RCC RESERVOIR			Sheet Reference Number: A3	W - 005
			Plot Date: 31-Jul-2022	Plot Scale: NTS

PLAN

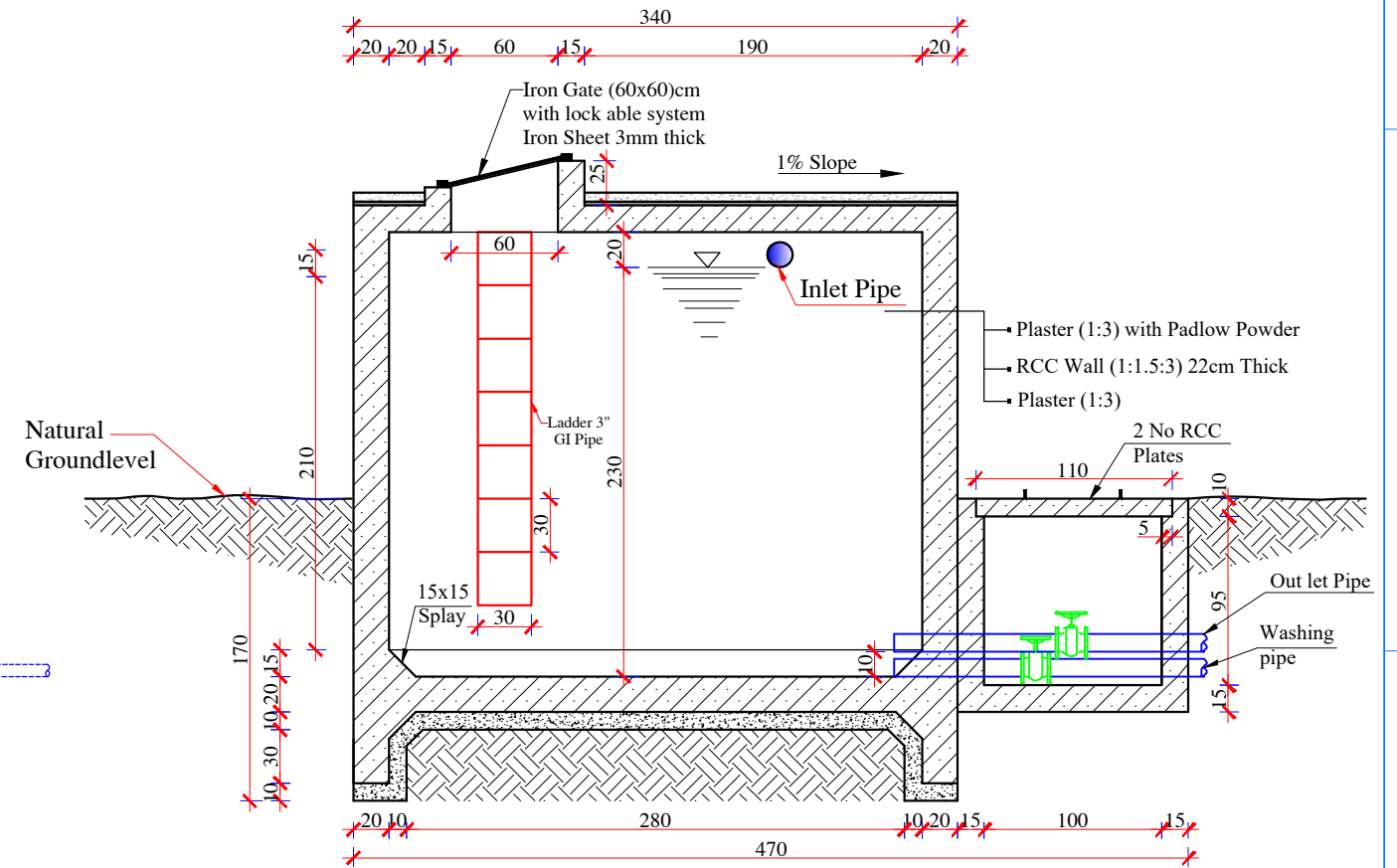
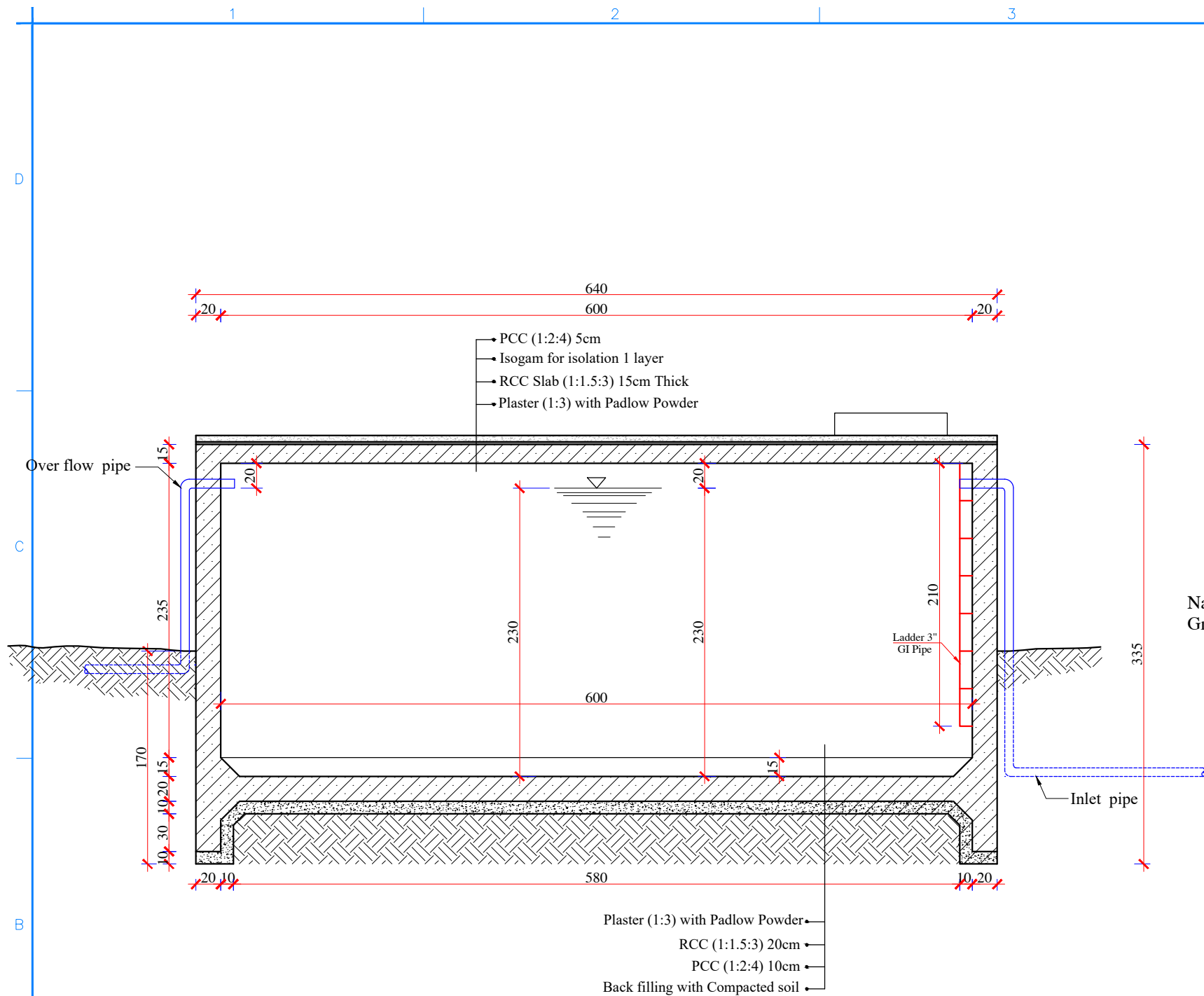


SECTION D-D

WORLD VISION AFGHANISTAN			World Vision ورلد ویژن	
DFID-R3 Project				
Province: Badghis	District: Qadis	Village: Khalifah Ha	Project ID Number: A213461	
Designed by: WVA Eng Team	Drawn by: WVA Eng Team	Reviewed by: WVA Eng Team	File name: Drawing.dwg	
Section D_D			A3	Sheet Reference Number: W - 006
				Plot Date: 31-Jul-2022
			Plot Scale: NTS	



Schedule of reinforcement for 40 cum Reservoir									
SNO	Name of Member	Number of bar in each member	Dia of bar (mm)	Length of Bar (m)	Total Length (m)	Weight for one piece (kg)	Total weight (kg)	cost of bar	shape
1	Reinforcement long wall	32	10	6.8	221	0.616	137.1	1	
2	Reinforcement short wall	4	10	4.05	16.2	0.376	6.16	2	
3	Reinforcement short wall	12	10	4.05	48.6	1.128	18.24	3	
4	Reinforcement short wall	84	10	3.4	287	0.616	176.2	4	
5	Reinforcement short wall	4	10	2.5	10	0.238	3.8	5	
6	Stair reinforcement	98	10	1.5	147	0.366	58.5	6	
7	Long and short wall of gate valve	36	10	1.5	54	0.376	20.5	7	
8	For top slab of reservoir	50	12	6.4	320	0.684	224	8	
9	For top slab of Reservoir	12	12	1.4	17	0.228	3.7	9	
10	For Bottom slab of Reservoir	64	12	3.4	218	0.684	148.4	10	
11	For Bottom slab of Reservoir	12	12	6.4	77	0.228	17.4	11	
12	Gate Valve Top slab	1	12	1.2	12	0.388	4.7	12	
13	Gate valve top slab	7	10	1.3	9.1	0.304	5.12	13	
14	Bottom slab of Gate Valve	14	10	1.3	18.2	0.366	5.12	14	
Total of steel Bar DIA 10mm with 5% wastage									<p>1175*1.05=1392kg</p> <p>1491*1.05=1565kg</p> <p>645*1.05=678kg</p> <p>5.12*1.05=5.37kg</p> <p>2640 kg</p>
Total of steel Bar DIA 12mm with 5% wastage									
Total of steel Bar DIA 16mm with 5% wastage									
Total of steel Bar DIA 20mm with 5% wastage									
Total of steel Bar DIA 25mm with 5% wastage									

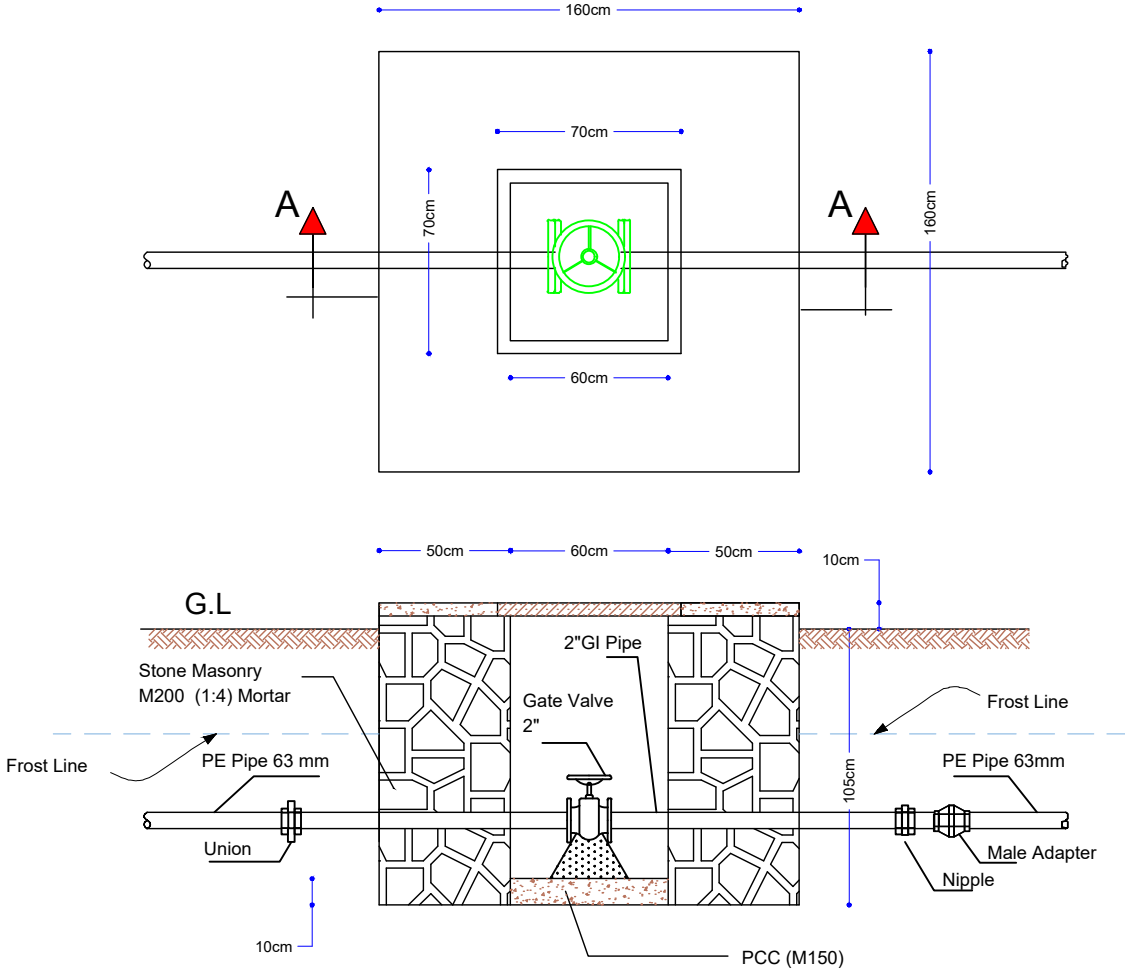


SECTION A-A

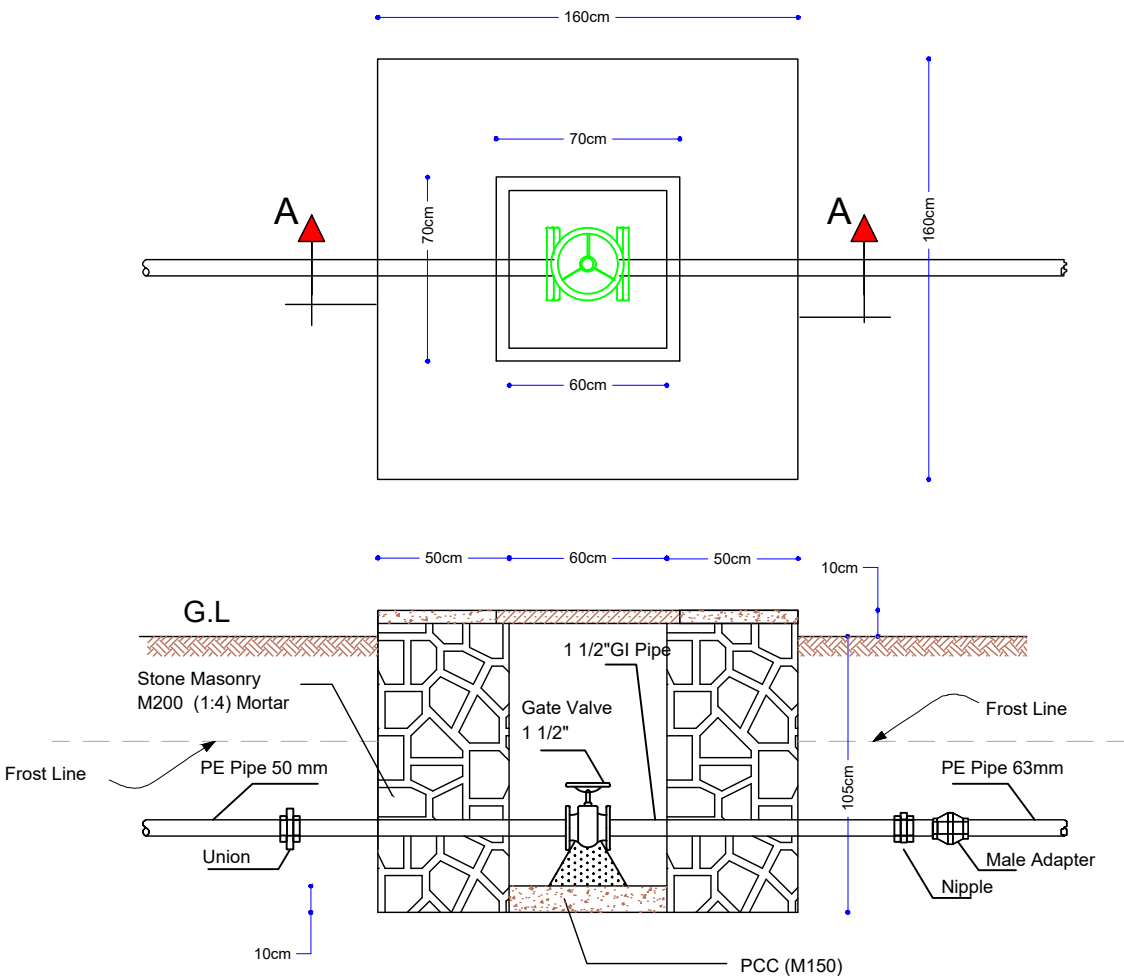
SECTION B-B

WORLD VISION AFGHANISTAN		World Vision ورلد ویژن	
DFID-R3 Project			
Province: Badghis	District: Qadis	Village: Khalifah Ha	Project ID Number: A213461
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SECTION A-A		Sheet Reference Number: A3	W - 008
		Plot Date: 31-Jul-2022	Plot Scale: NTS

Valve Box 1 Details

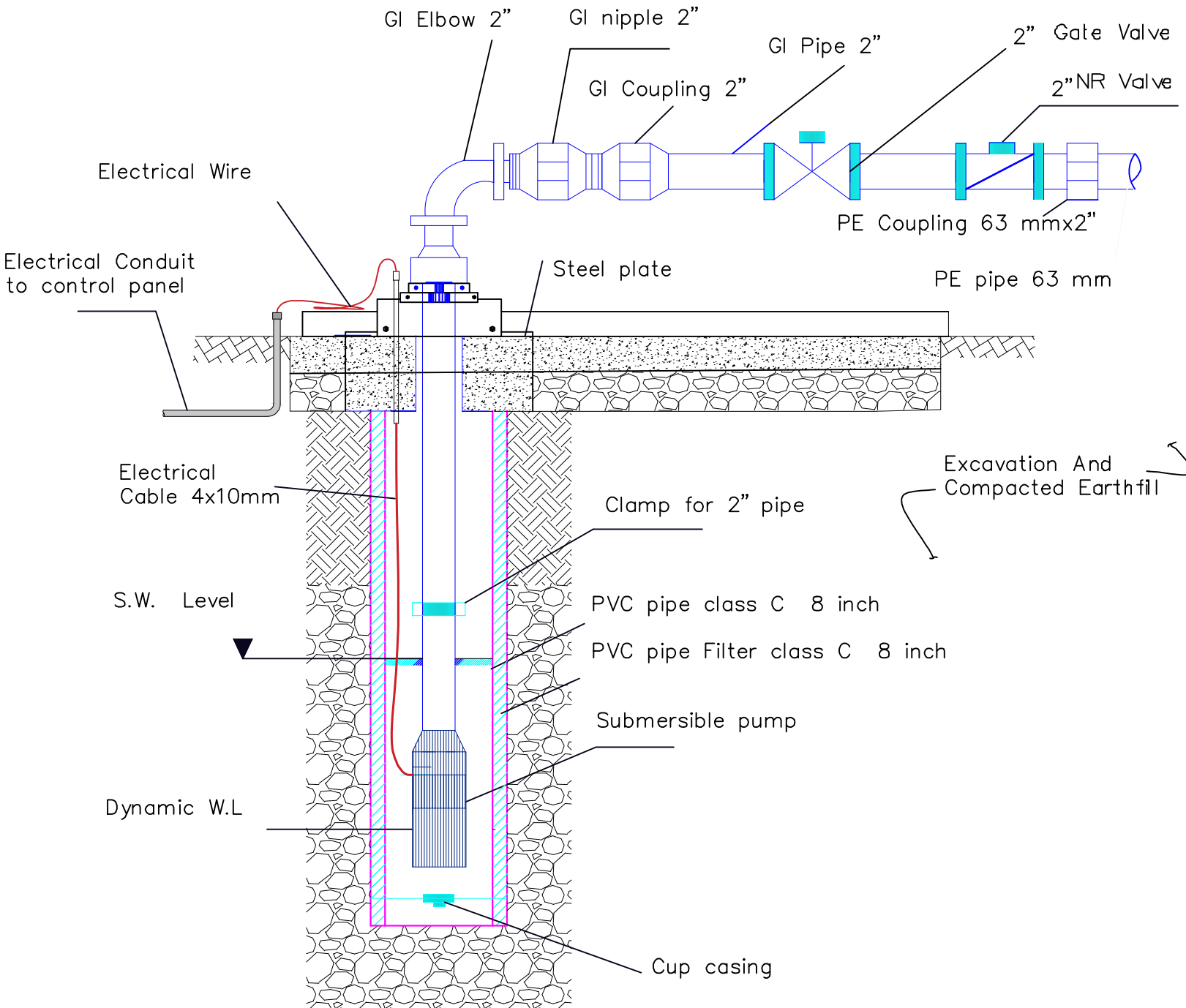


Valve Box 1&2&3 Details

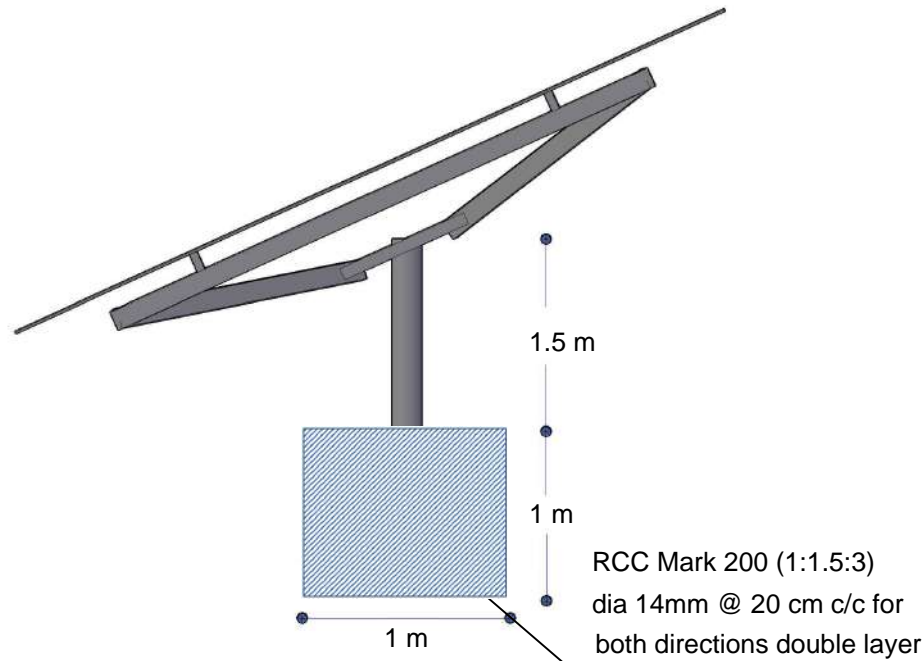


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VALVE BOX DETAILS			Sheet Reference Number: A3	W - 009
			Plot Date: 31-Jul-2022	Plot Scale: NTS

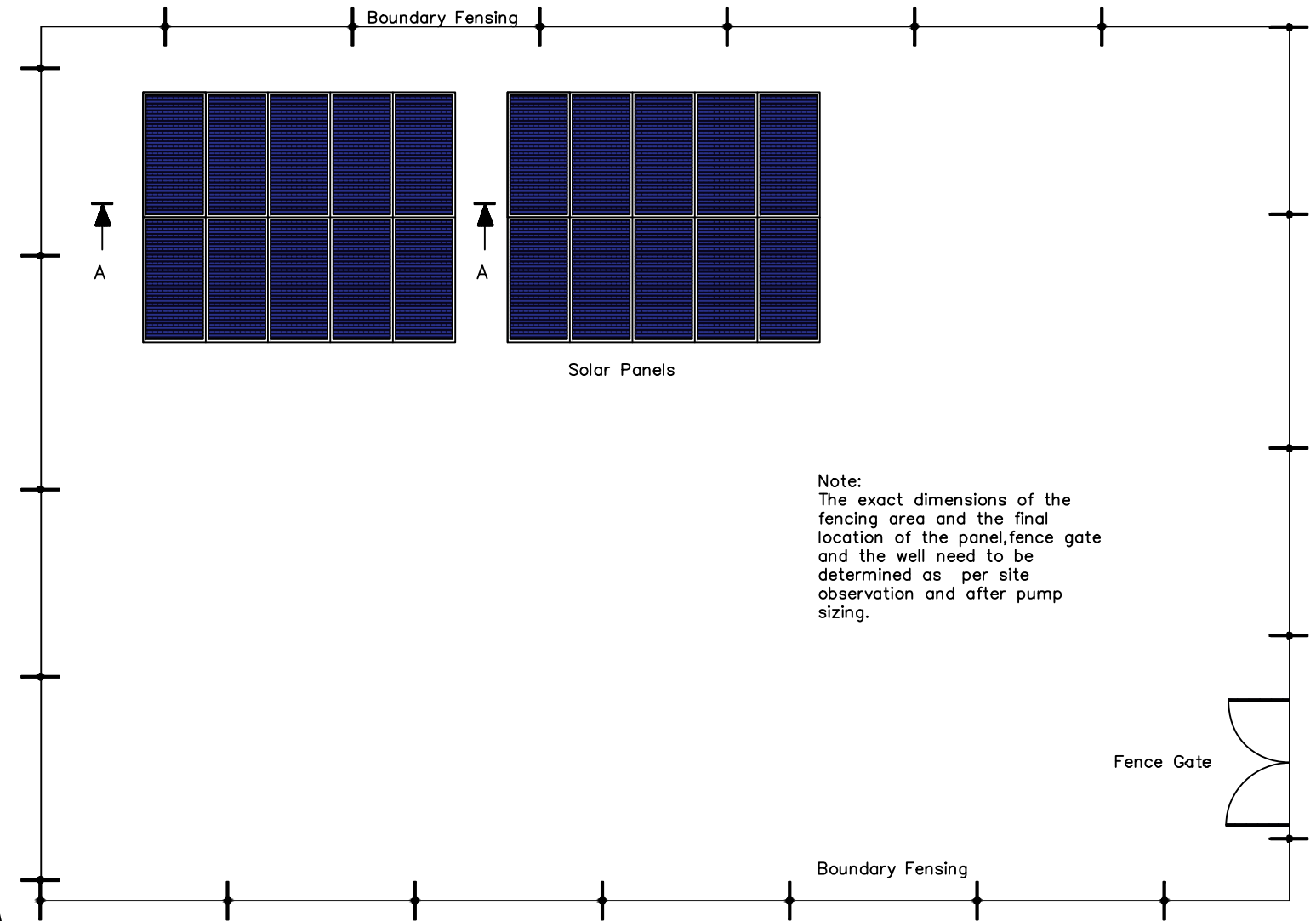
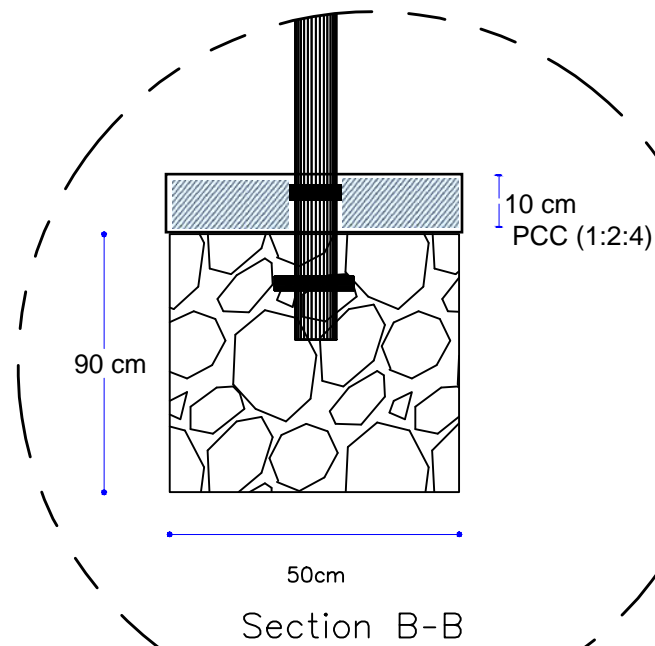
Well Details



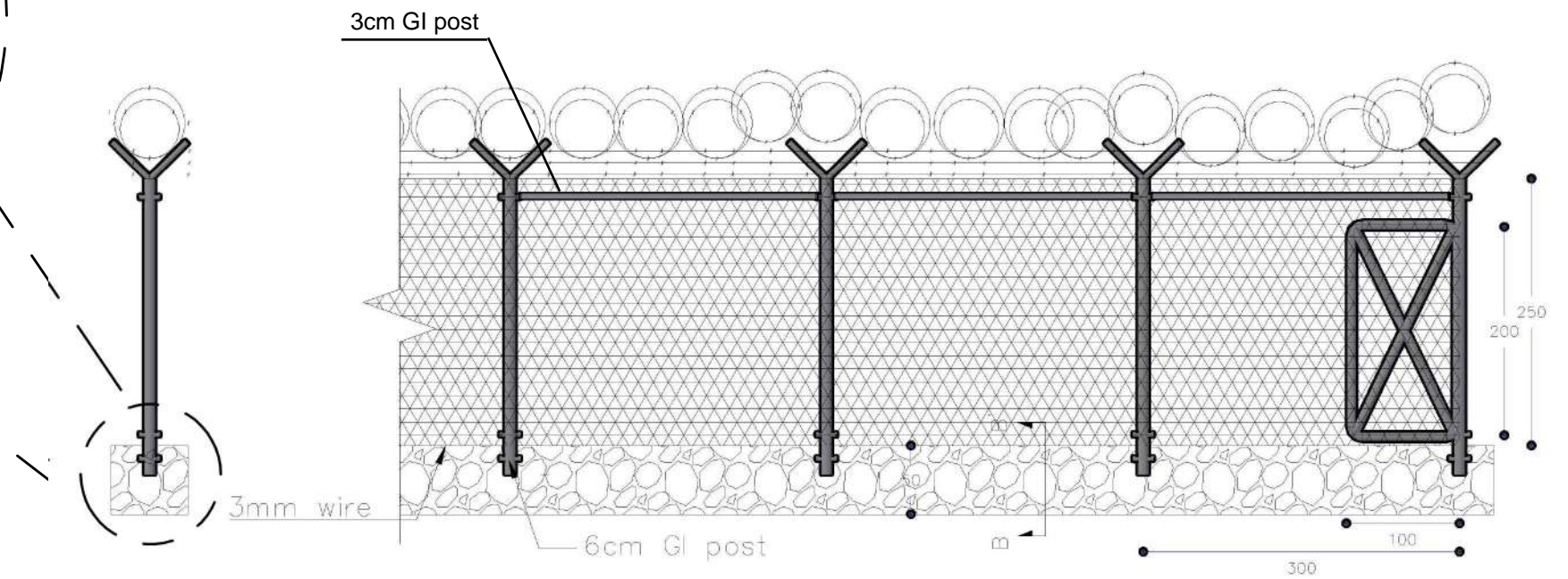
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			Sheet Reference Number:	
WELL DETAILS			A3	W - 010
			Plot Date: 31-Jul-2022	Plot Scale: NTS



Section A-A
Solar Panel and Stand Details



Note:
The exact dimensions of the
fencing area and the final
location of the panel, fence gate
and the well need to be
determined as per site
observation and after pump
sizing.



Fencing Details

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A3			Sheet Reference Number: W - 011
			Plot Date: 31-Jul-2022
FENCE AND SOLAR			Plot Scale: NTS