



Project: Herat Earthquake Emergency and Early Recovery Response

Scheme Name: Rehabilitation of Water Wells ,Reservoirs and Solar Pump
Scheme Code: AF020_000133_008

Client : IRUK
ISLAMIC RELIEF WORLDWIDE-AFGHANISTAN(IRW-A)
HEER Project
Area Office-West (Herat Province)



Rev	By	Chkd	Aprvd	Date	Description

Note 1: All dimensions are in centimeters, except otherwise specified

Drawing: Construction

Prepared by: WASH OFFICER

Reviewed by: Program Coordinator

verified By:Country Level Civil Engineer

Approved by: Humanitarian Program Manager

Drawing No: 01 Revision

Drawing Scale: As shown Date: July 2024

Rehabilitation of Solar Pipe Network in Chah Sawol Village

At

Zinda Jan District ,Herat ,Afghanistan

Implementer : Islamic Relief Worldwide-Afghanistan

Funded by : IRUK



GOOGLE MAP FOR REHABILITATION OF SOLAR PIPE NETWORK IN CHAH SAWOL VILLAGE

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Drawing: Construction

Prepared by: WASH OFFICER

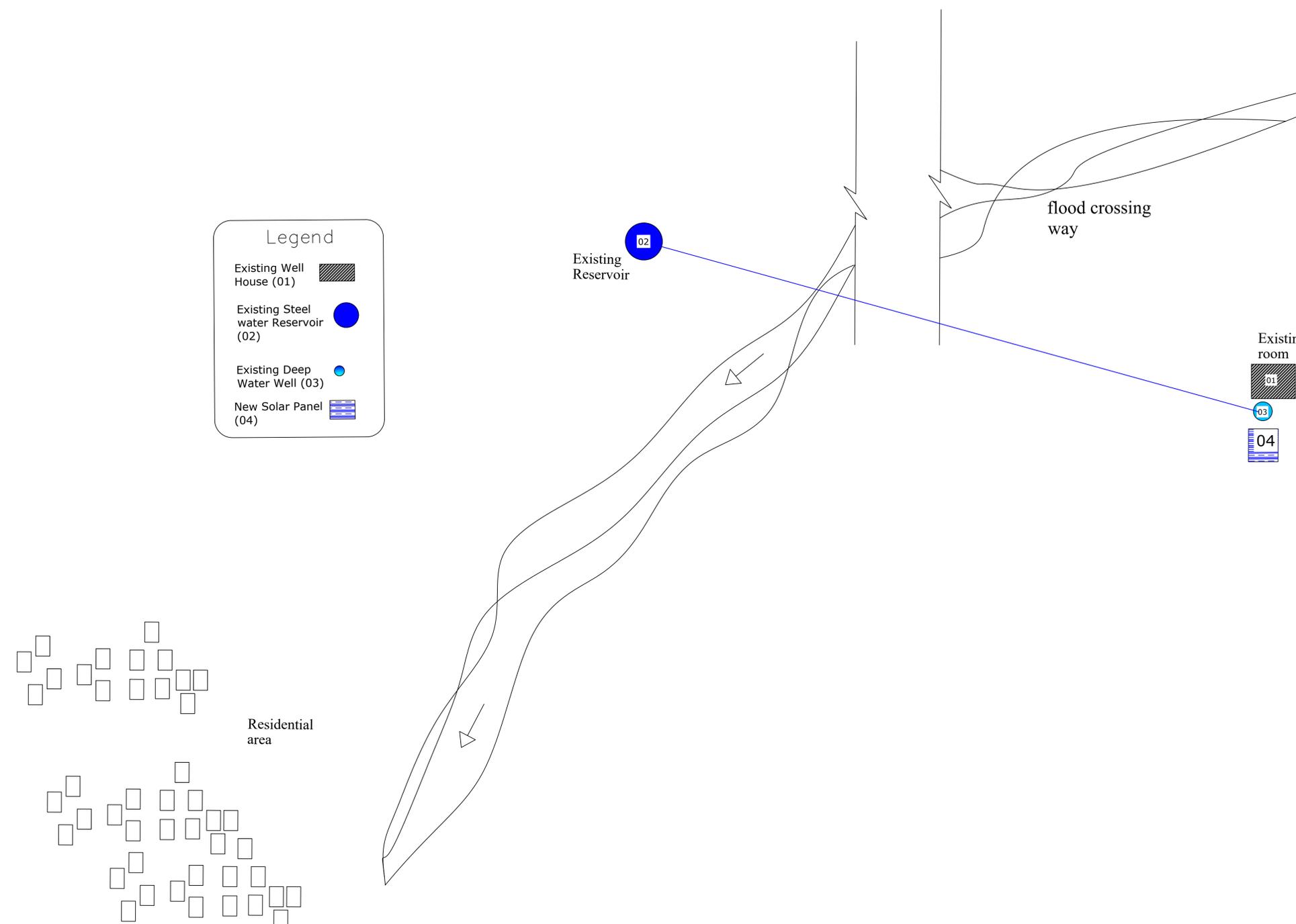
Reviewed by: Program Coordinator

verified By: Country Level Civil Engineer

Approved by: Humanitarian Program Manager

Drawing No: 03 Revision

Drawing Scale: As shown Date: July 2024



Legend

- Existing Well House (01) 
- Existing Steel water Reservoir (02) 
- Existing Deep Water Well (03) 
- New Solar Panel (04) 

SITE PLAN DRAWING FOR REHABILITATION OF SOLAR PIPE NETWORK IN CHAH SAWOL VILLAGE

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Drawing: Construction

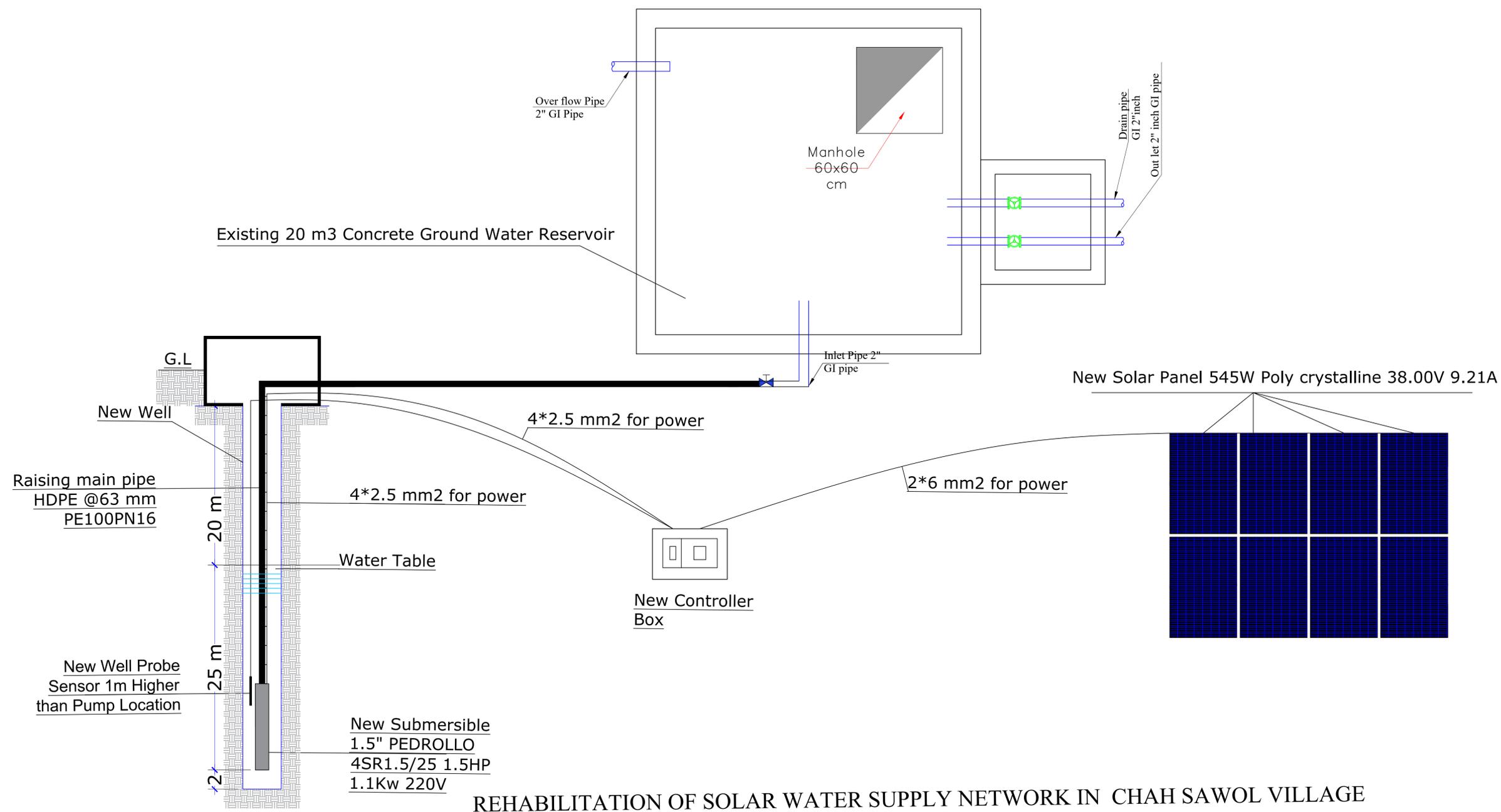
Prepared by: WASH OFFICER

Reviewed by: Program Coordinator

verified By: Country Level Civil Engineer

Approved by: Humanitarian Program Manager

Drawing No: 04	Revision
Drawing Scale: As shown	Date: July 2024



REHABILITATION OF SOLAR WATER SUPPLY NETWORK IN CHAH SAWOL VILLAGE



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Rev	By	Chkd	Aprvd	Date	Description

Note 1: All dimensions are in centimeters, except otherwise specified

Drawing: Construction

Prepared by: WASH OFFICER

Reviewed by: Program Coordinator

verified By: Country Level Civil Engineer

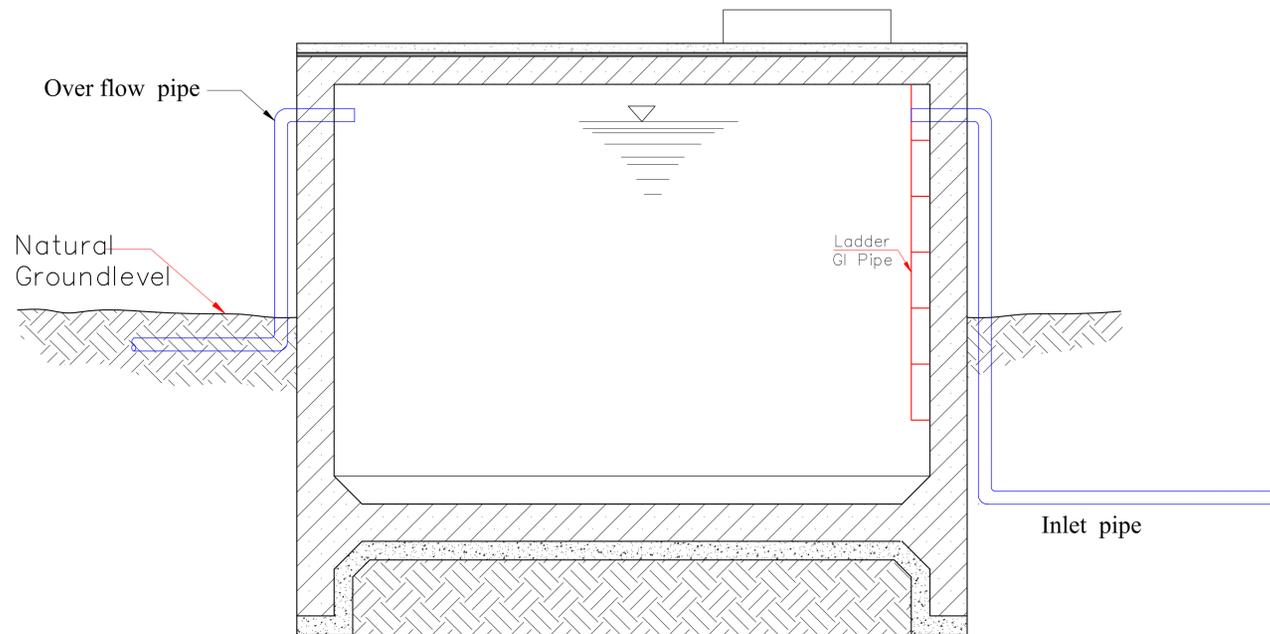
Approved by: Humanitarian Program Manager

Drawing No: 05

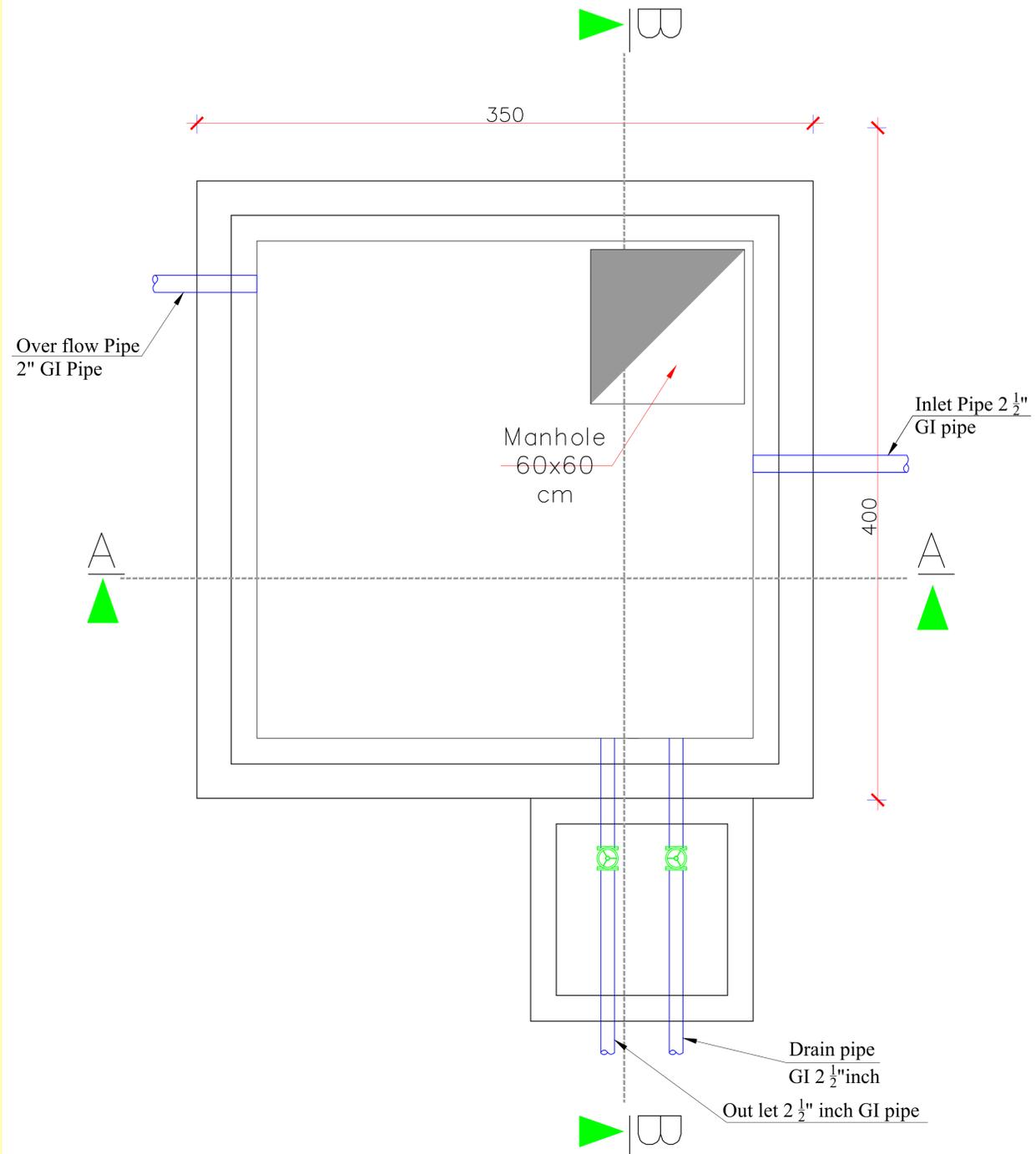
Revision

Drawing Scale: As shown

Date: July 2024



SECTION A-A OF WATER RESERVOIR



PLAN OF EXISTING WATER RESERVOIR



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Rev	By	Chkd	Aprvd	Date	Description

Note 1: All dimensions are in centimeters, except otherwise specified

Drawing: Construction

Prepared by: WASH OFFICER

Reviewed by: Program Coordinator

verified By: Country Level Civil Engineer

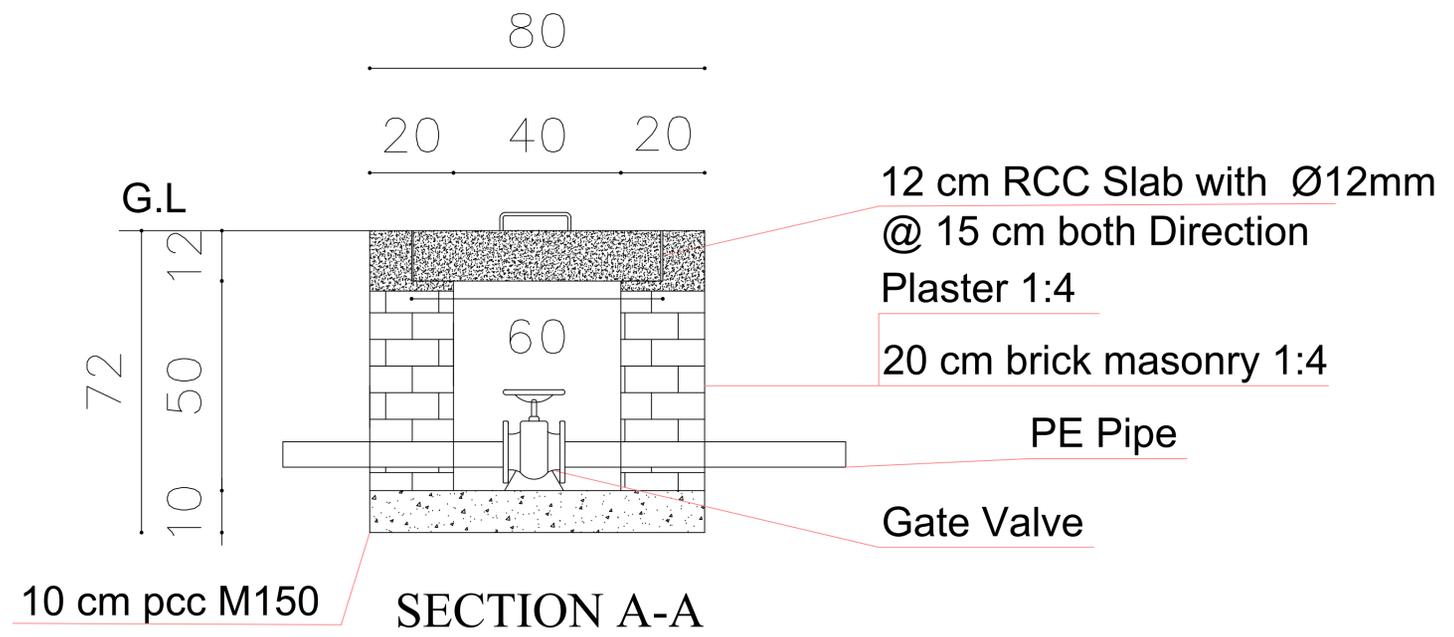
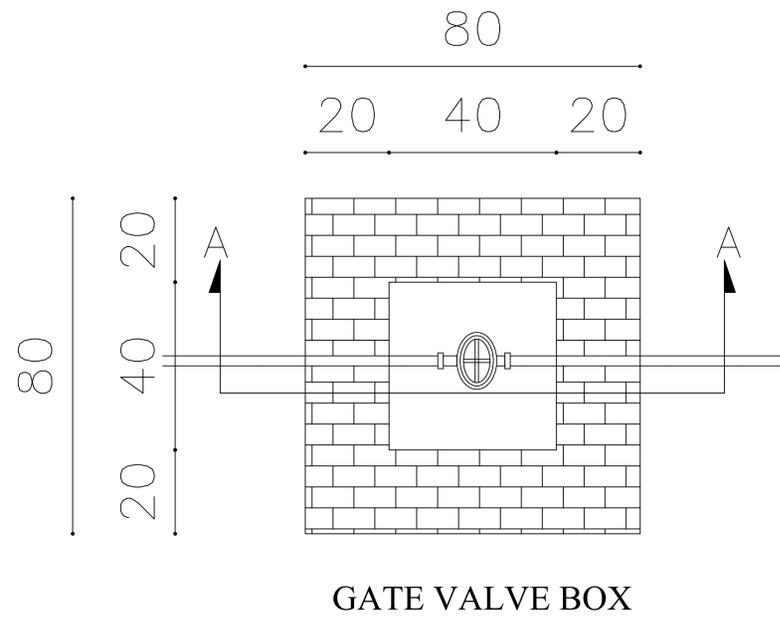
Approved by: Humanitarian Program Manager

Drawing No: 06

Revision

Drawing Scale: As shown

Date: July 2024



Note:

- Hand tamp the soft soil backfill fully at the side of the pipe
- Hand tamping should continue until a minimum Thickness of 200mm has been placed over the pipe

