



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)  
HEEER 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 Gravity Pipe Network in Cheshma Yaqoub Village

## At

## Injil District, Herat, Afghanistan

## Implementer : Islamic Relief Worldwide- Afghanistan

## Funded by : IRUK



**Legend**  
 Water Point/Reservoir

**Rehabilitation of Community Water System**  
 Cheshma Yaqoub Village, Injil District, Herat, Afghanistan

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**GOOGLE MAP FOR REHABILITATION OF GRAVITY PIPE NETWORK IN CHASHMAH YAQOUB VILLAGE**

Drawing No: 02	Revision
Drawing Scale: As shown	Date: July 2024



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Drawing: Construction

Prepared by: WASH OFFICER

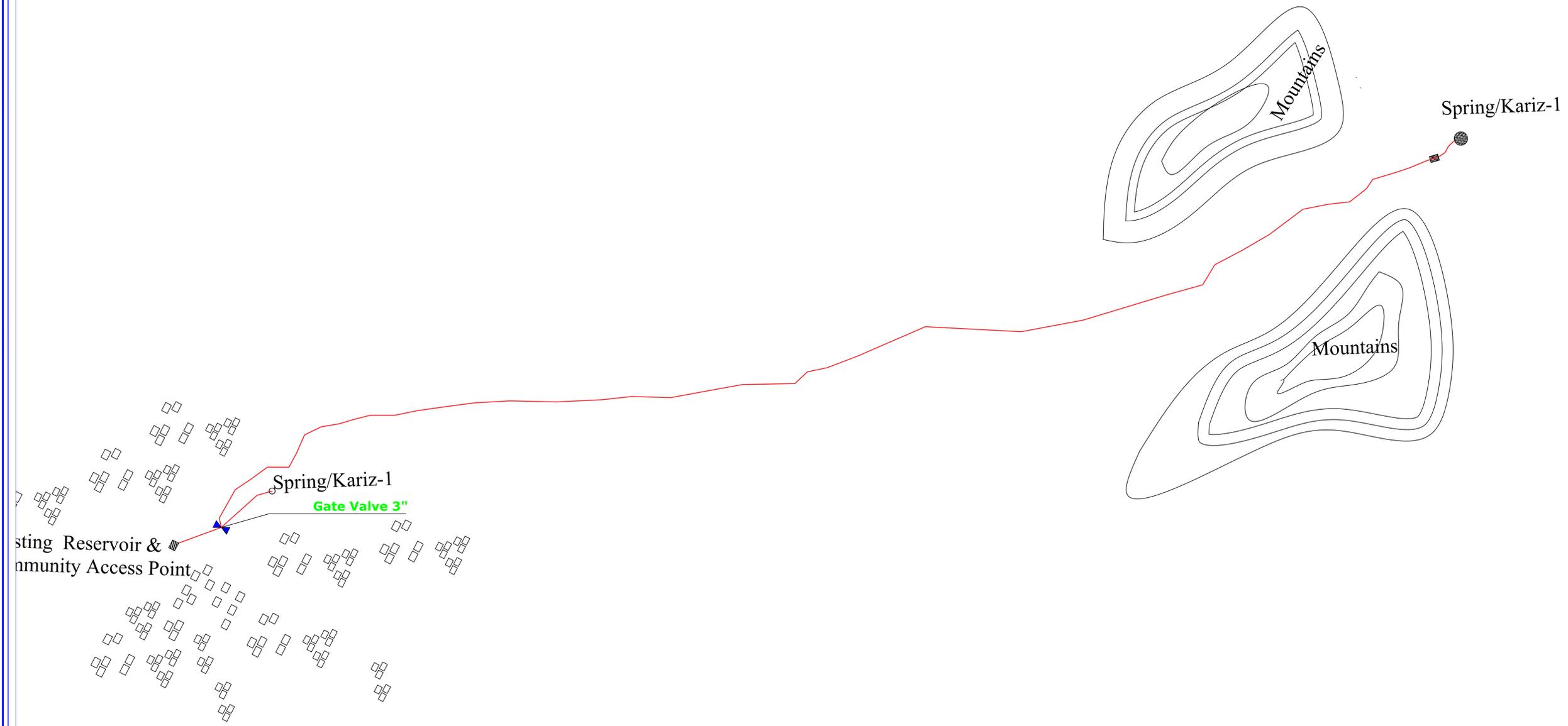
Reviewed by: Program Coordinator

verified By: Country Level Civil Engineer

Approved by: Humanitarian Program Manager

Drawing No: 03      Revision

Drawing Scale: As shown      Date: July 2024



### SITE PLAN DRAWING FOR REHABILITATION OF GRAVITY PIPE NETWORK IN CHASHMAH YAQOUB 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



### SITE PLAN DRAWING FOR REHABILITATION OF GRAVITY PIPE NETWORK IN CHASHMAH YAQOUB VILLAGE



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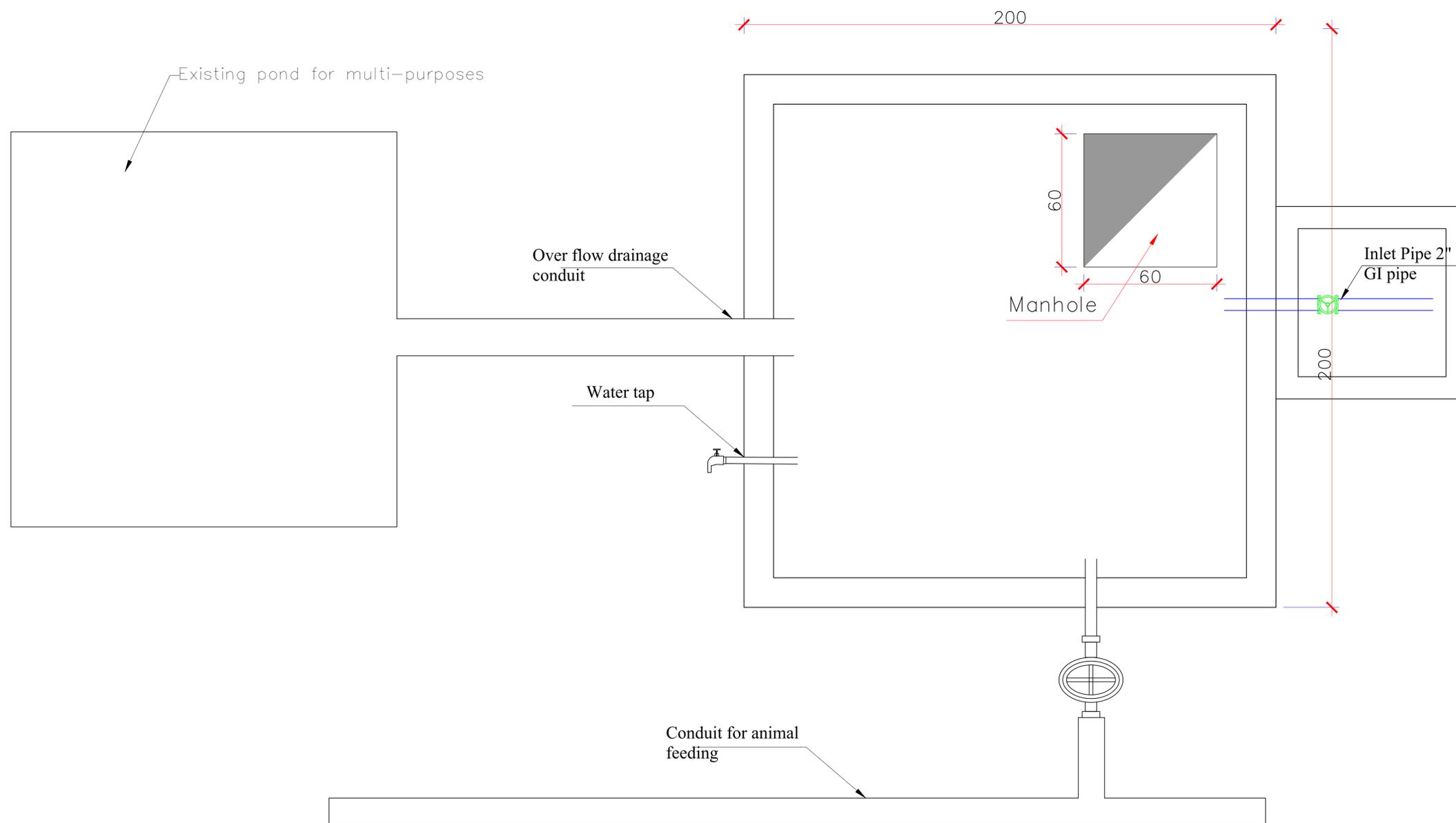
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Drawing: Construction

Prepared by: WASH OFFICER

Reviewed by: Program Coordinator

verified By: Country Level Civil Engineer

Approved by: Humanitarian Program Manager

## PLAN OF EXISTING WATER RESERVOIR & COMMUNITY ACCESS POINT

Drawing No: 05

Revision

Drawing Scale: As shown

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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

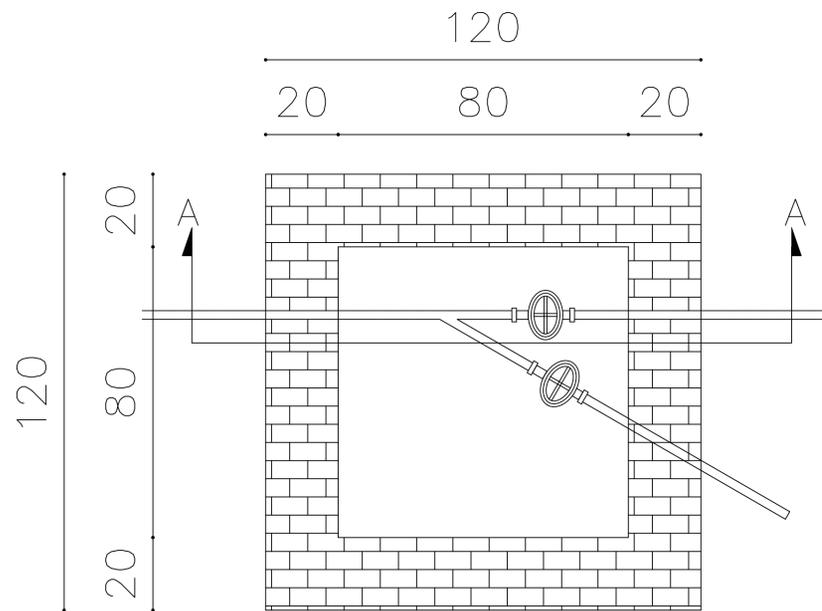
Approved by: Humanitarian Program Manager

Drawing No: 06

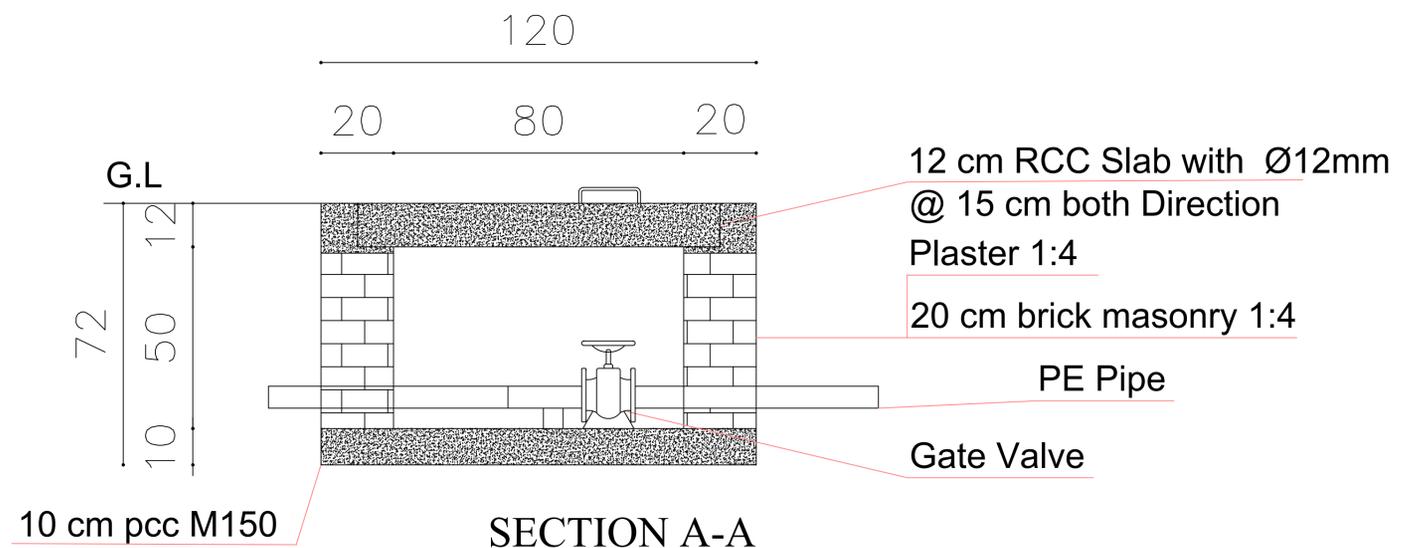
Revision

Drawing Scale: As shown

Date: July 2024



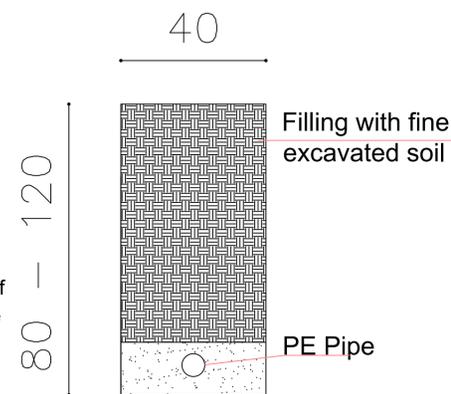
GATE VALVE BOX



SECTION A-A

Note:

- Hand tamping the soft soil fully backfilled at the side of the pipe
- Hand tamping continues with a minimum thickness of 200mm over the pipe



HDPE Pipe Lying



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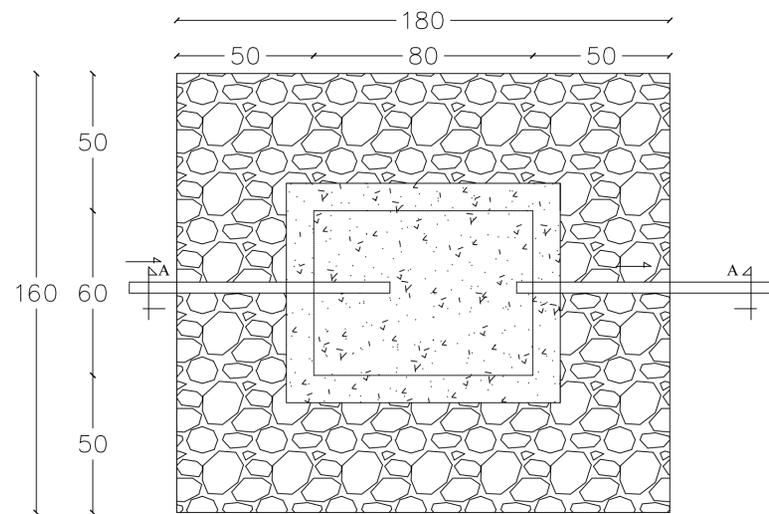
Approved by: Humanitarian Program Manager

Drawing No: 07

Revision

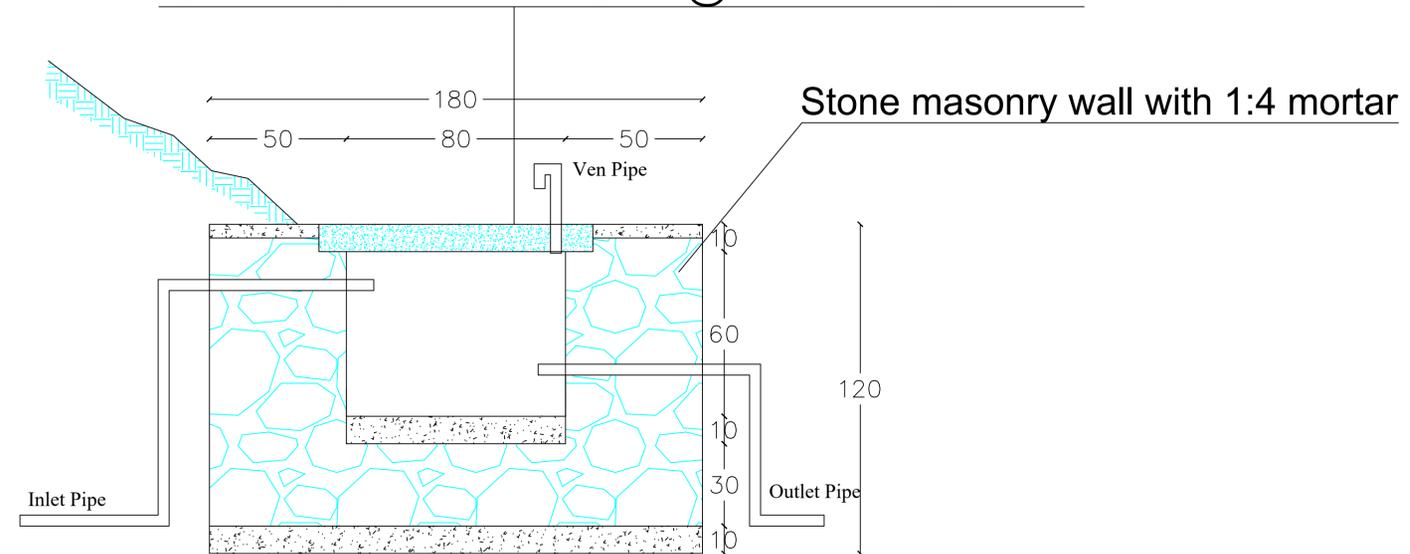
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PLAN OF BREAK PRESSURE TANK AND THREE JOINT BOX

12 cm RCC Slab with Ø12mm @ 15 cm both Direction



SECTION A-A OF BREAK PRESSURE TANK AND THREE JOINT BOX