

QARABAGH DISTRICT HOSPITAL

AS-BUILT AND NEW STRUCTURES

GULRAN, HERAT, AFGHANISTAN

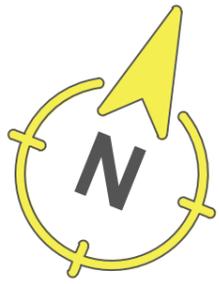
IDENTIFIED GAPS FOR EXISTING WASH SERVICES IN GULRAN DH

- The building D has no water supply network and sewerage system
- All buildings in District Hospital does not have enough access to the clean water
- There is no standard hand washing station in the clinic area
- The water supply network in delivery room needs to become upgraded
- A suitable and adequate elevated reservoir is not existing in the DH in order to provide required demand
- The existing drainage system in main building and buildings in the DH need cleaning
- In WC1 building all water supply spares and faucets are broken and destroyed and the walls and doors are partially destroyed

SOLUTIONS

- Establishment of the DH public water supply network for all buildings and infrastructures.
- Plumbing the hot and cold water network in Tuberculosis building
Installation of hand wash sinks for building D rooms
- Installation of floor drains for all rooms and corridor in Tuberculosis building
- Construction of a RCC elevated reservoir of 20 cubic meter volume
- Construction of two standard hand wash station in the clinic area and one public tap near the entrance door
- In WC1 building faucets and sinks should be replaced and fixed
- The walls and doors for WC1 should be fixed and repaired

DATE OF SURVEY	SURVEY & DESIGNED BY	REVIEWED BY	DRAWING SCALE	As Shown	SHEET NO	01	PROVINCE	HERAT	PROJECT TITLE : CLINIC WASH UPGRADING
		Engineer Omid Khairy					DISTRICT	GULRAN	
30-07-2024	Engineer Mustafa Musleh Engineer Mokhtar Rezaee	CONFIRMED BY	DATE	31.07.2024					DRAWING TITLE: NEED ASSESSMENT
		Simon Wakuru	PROJECT PURPOSE	GULRAN DISTRICT HOSPITAL UPGRADING					



WC
2

HWS
2

D

TUBERCULOSIS
BUILDING



RCC Water
Reservoir

Bore Well

Pit

A
MAIN
BUILDING

HWS
1

C
OPD-MEN

BR

WC
1

B

SURGERY
BUILDING

GR

EMR

E
FAMILY
HOUSE

K

Gulran District Main Road

LEGEND

PIPE NETWORK



TOILET BLOCK



HAND WASHING STATION



STEEL RESERVOIR



BORE WELL



KITCHEN K
HAND WASH STATION HWS
EMERGENCY ROOM EMR
GURARD ROOM GR
BATHROOM BR

act:onaid

DATE OF SURVEY

SURVEY & DESIGNED BY

REVIEWED BY

Engineer Omid Khairy

30-07-2024

Engineer Mustafa Musleh

CONFIRMED BY

Simon Wakuru

ACTIONAID
DAWAM PROJECT
FCDO DEPARTMENT

DRAWING SCALE

As Shown

DATE

31.07.2024

PROJECT PURPOSE

GULRAN DISTRICT HOSPITAL UPGRADING

SHEET NO

02

PROVINCE

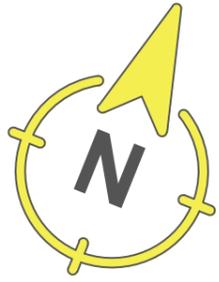
HERAT

DISTRICT

GULRAN

PROJECT TITLE : CLINIC WASH UPGRADING

DRAWING TITLE: SITE PLAN



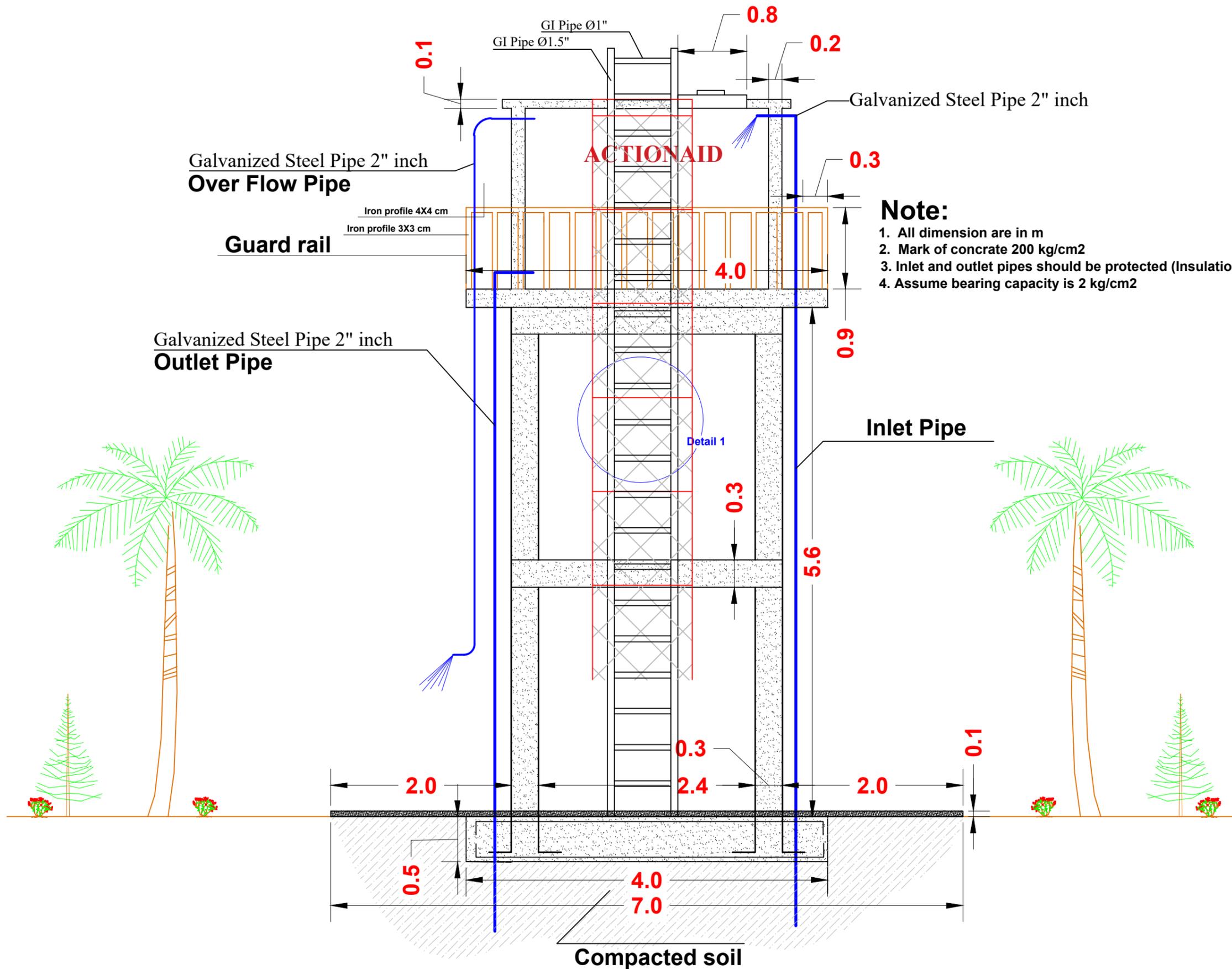
LEGEND

- Pipe Network —
- Toilet Block
- Hand Washing
- Steel Reservoir
- Bore Well
- Kitchen K
- Hand Wash Station HW
- Emergency Room EMR
- Gurur Room GR
- Bathroom BR

DATE OF SURVEY	SURVEY & DESIGNED BY	REVIEWED BY
		Engineer Omid Khairy
30-07-2024	Engineer Mustafa Musleh	CONFIRMED BY
	Engineer Mokhtar Rezaee	Simon Wakuru

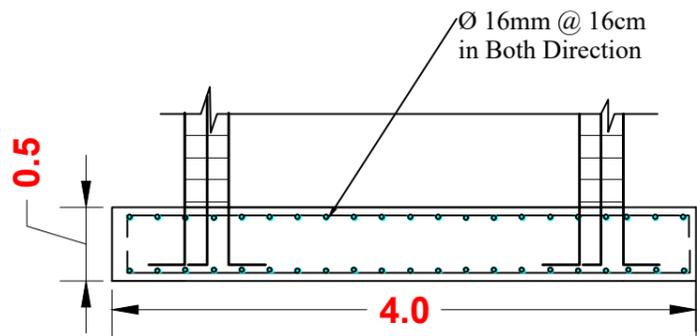
DRAWING SCALE	As Shown	SHEET NO 03	PROVINCE	HERAT
DATE	31.07.2024		DISTRICT	GULRAN
PROJECT PURPOSE	GULRAN DISTRICT HOSPITAL UPGRADING			

PROJECT TITLE : CLINIC WASH UPGRADING
DRAWING TITLE: PLUMBING

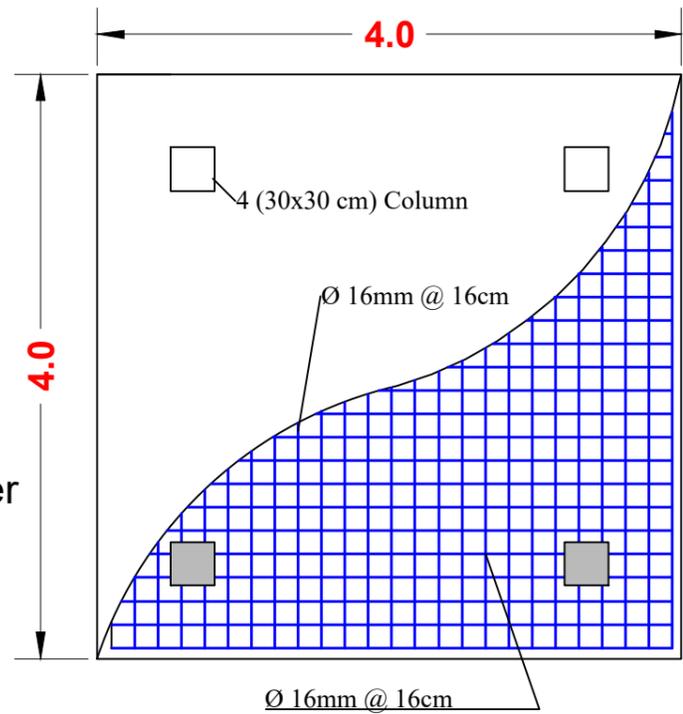


Note:
 1. All dimension are in m
 2. Mark of concrete 200 kg/cm²
 3. Inlet and outlet pipes should be protected (Insulation)
 4. Assume bearing capacity is 2 kg/cm²

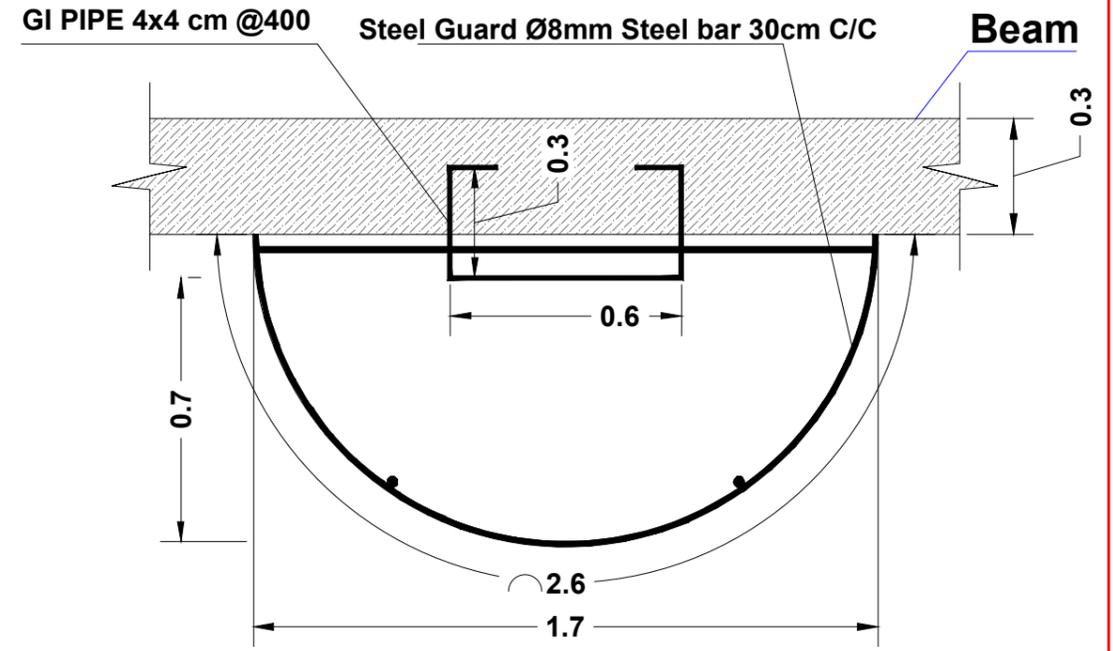
act:onaid	DATE OF SURVEY	SURVEY & DESIGNED BY	REVIEWED BY	ACTIONAID DAWAM PROJECT FCDO DEPARTMENT	DRAWING SCALE	As Shown	SHEET NO 04	PROVINCE	HERAT	PROJECT TITLE : CLINIC WASH UPGRADING
	30-07-2024	Engineer Mustafa Musleh	CONFIRMED BY		DATE	31.07.2024		DISTRICT	GULRAN	
		Engineer Mokhtar Rezaee	Simon Wakuru		PROJECT PURPOSE	GULRAN DISTRICT HOSPITAL UPGRADING		DRAWING TITLE: RCC Elevated Reservoir		



Foundation Plan with Detail

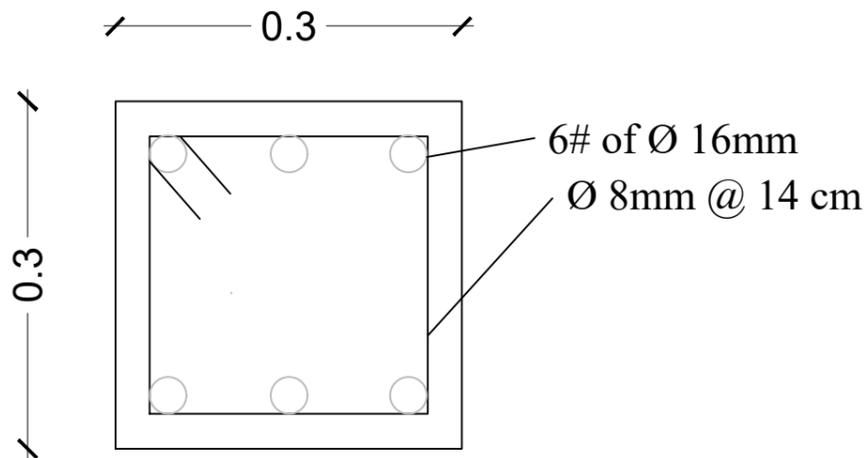


Ø 16mm @ 16cm

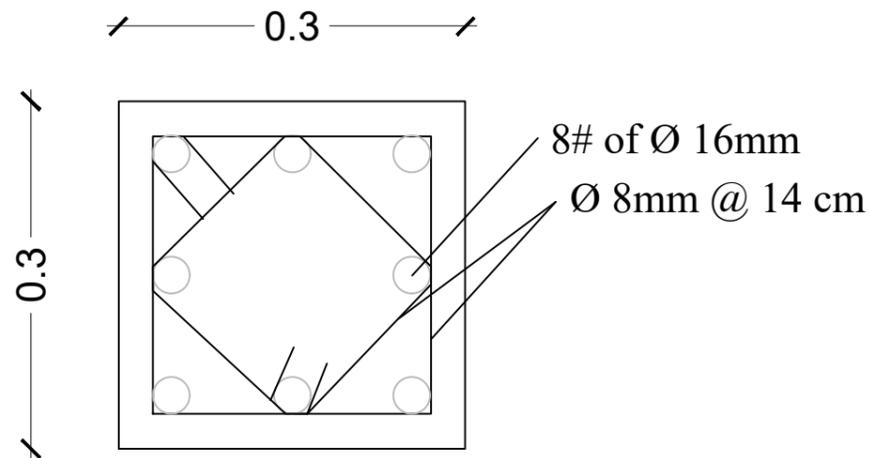


Detail -1

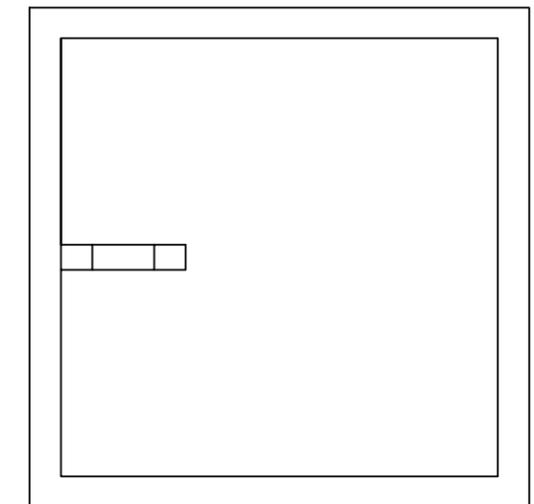
- Note:
- 1-All horizontal are GI Pipes 0.75 inch diameter
 - 2-All Vertical are GI Pipes 1 inch diameter
 - 3-Steel Cover should be #8mm steel bar



Section B-B , Column Plan



Section A-A , Column Plan

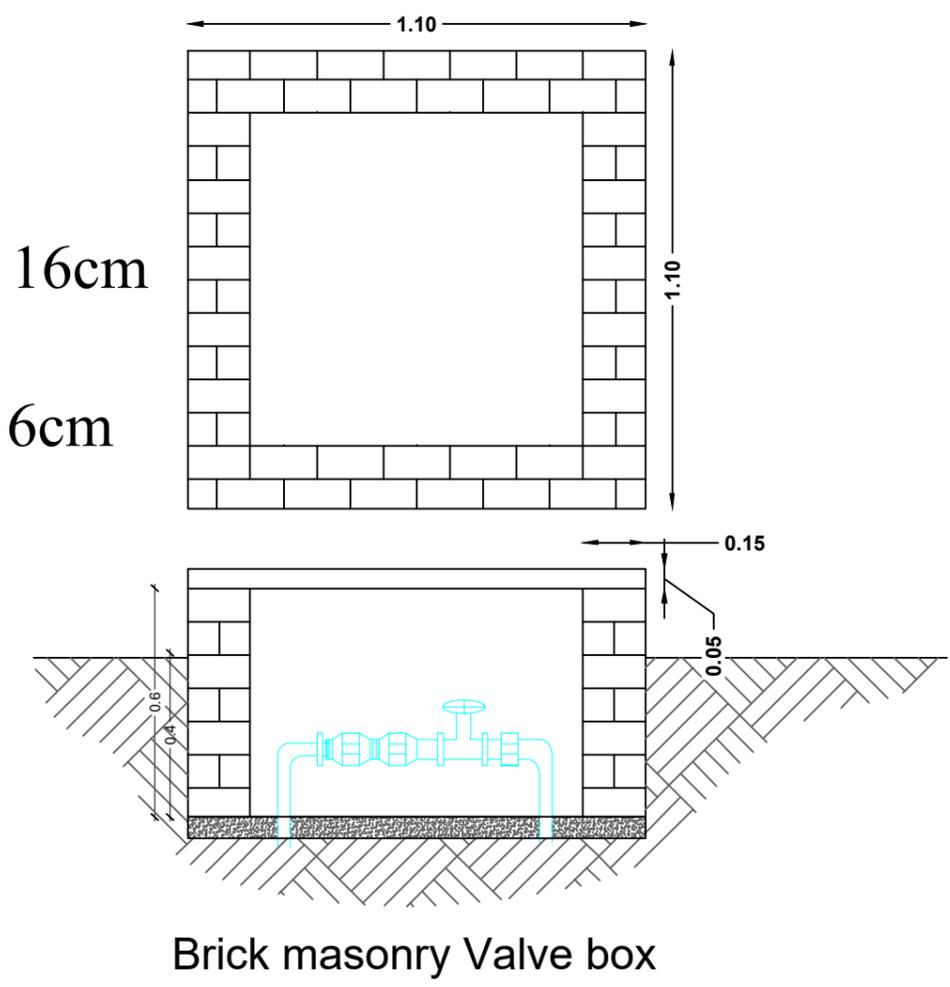
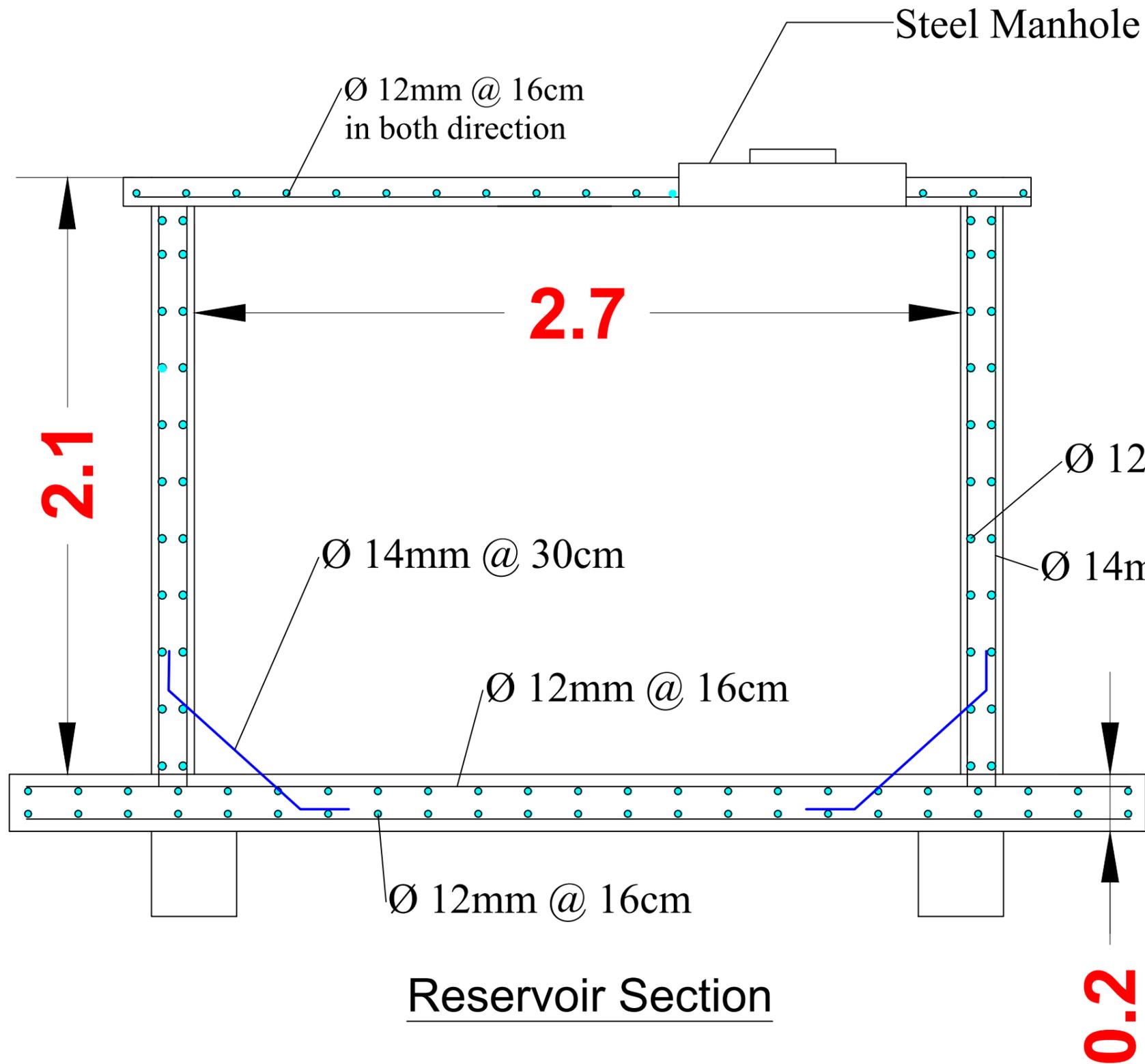


Steel Manhole

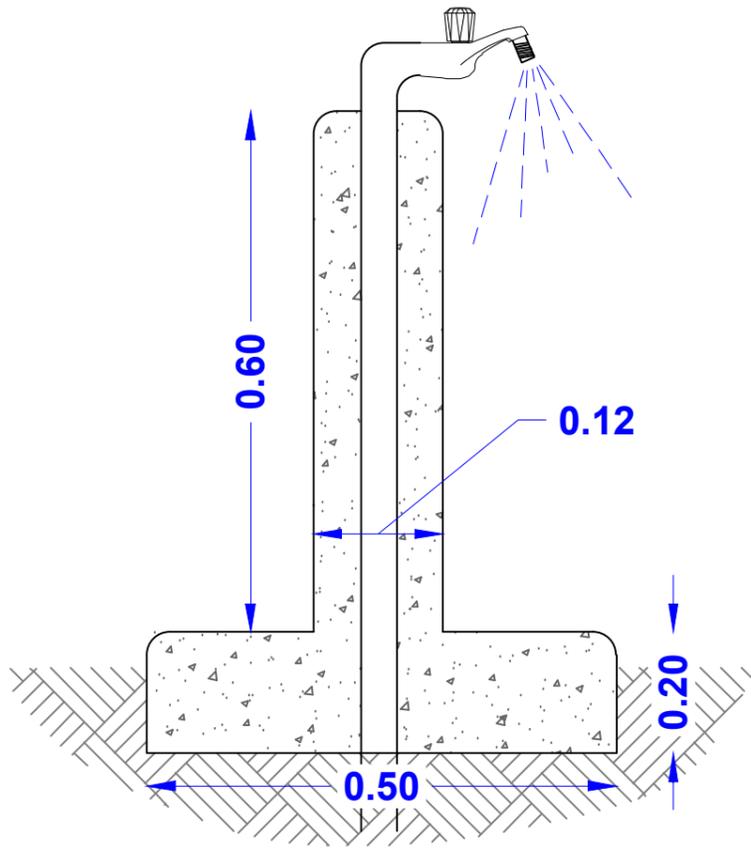
DATE OF SURVEY	SURVEY & DESIGNED BY	REVIEWED BY
	Engineer Mustafa Musleh	Engineer Omid Khairy
	Engineer Mokhtar Rezaee	CONFIRMED BY
30-07-2024		Simon Wakuru

DRAWING SCALE	As Shown	SHEET NO 05	PROVINCE	HERAT
DATE	31.07.2024		DISTRICT	GULRAN
PROJECT PURPOSE	GULRAN DISTRICT HOSPITAL UPGRADING			

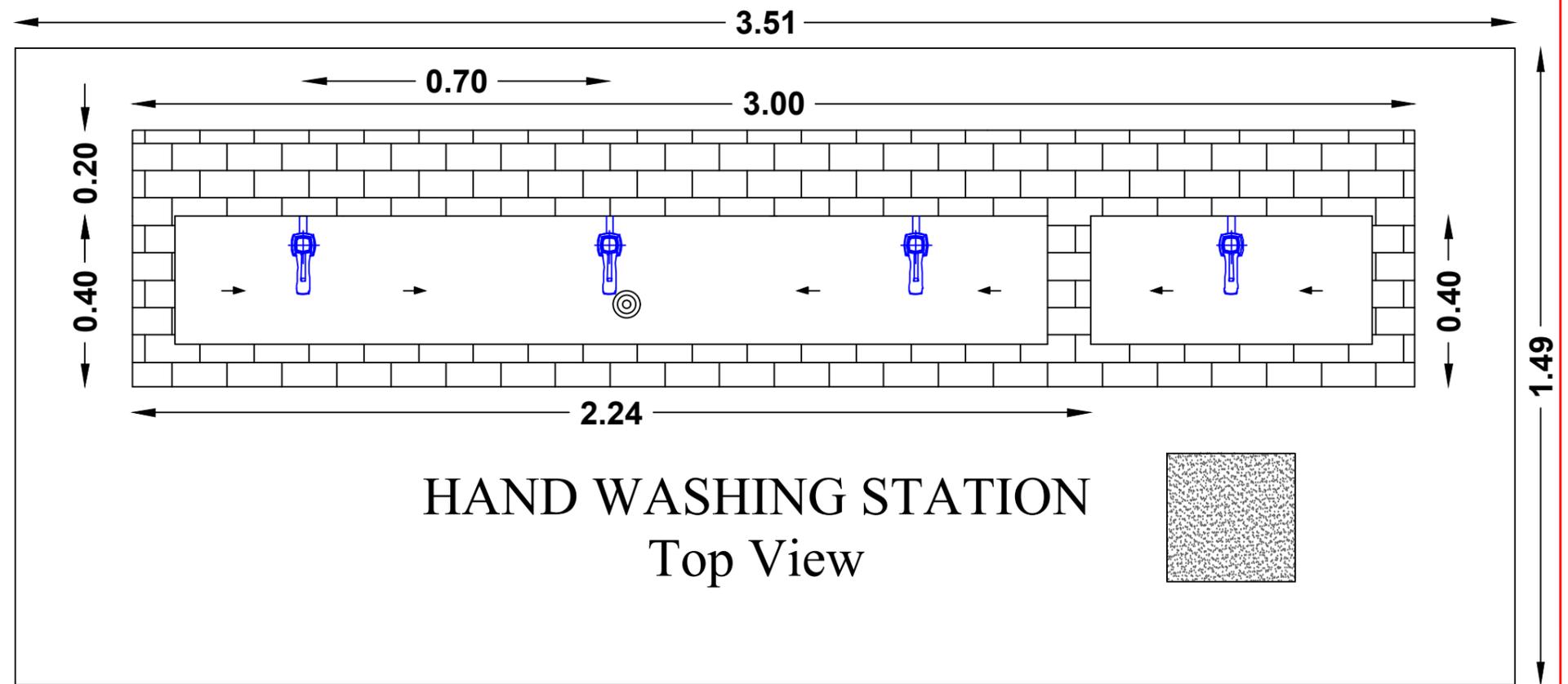
PROJECT TITLE : CLINIC WASH UPGRADING
DRAWING TITLE: RCC DETAILS



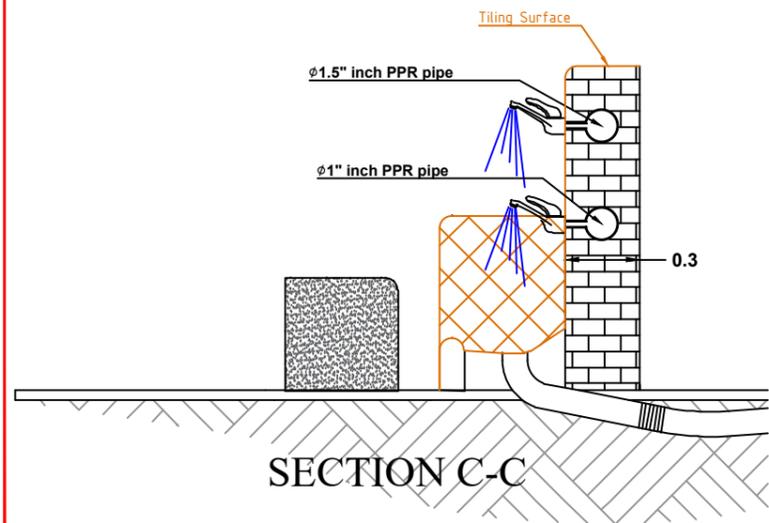
	DATE OF SURVEY	SURVEY & DESIGNED BY	REVIEWED BY	ACTIONAID DAWAM PROJECT FCDO DEPARTMENT	DRAWING SCALE	As Shown	SHEET NO 06	PROVINCE	HERAT	PROJECT TITLE : CLINIC WASH UPGRADING
	30-07-2024	Engineer Mustafa Musleh	CONFIRMED BY		DATE	31.07.2024		DISTRICT	GULRAN	
		Engineer Mokhtar Rezaee	Simon Wakuru		PROJECT PURPOSE	GULRAN DISTRICT HOSPITAL UPGRADING		DRAWING TITLE:	RCC DETAILS	



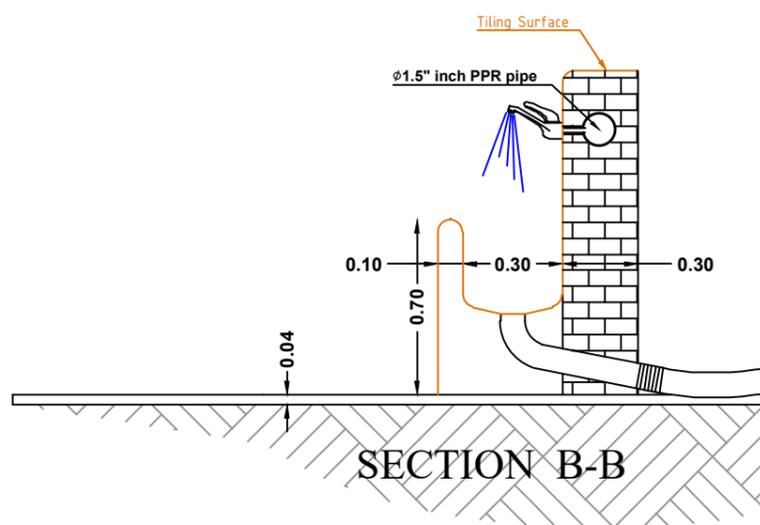
WATER TAP



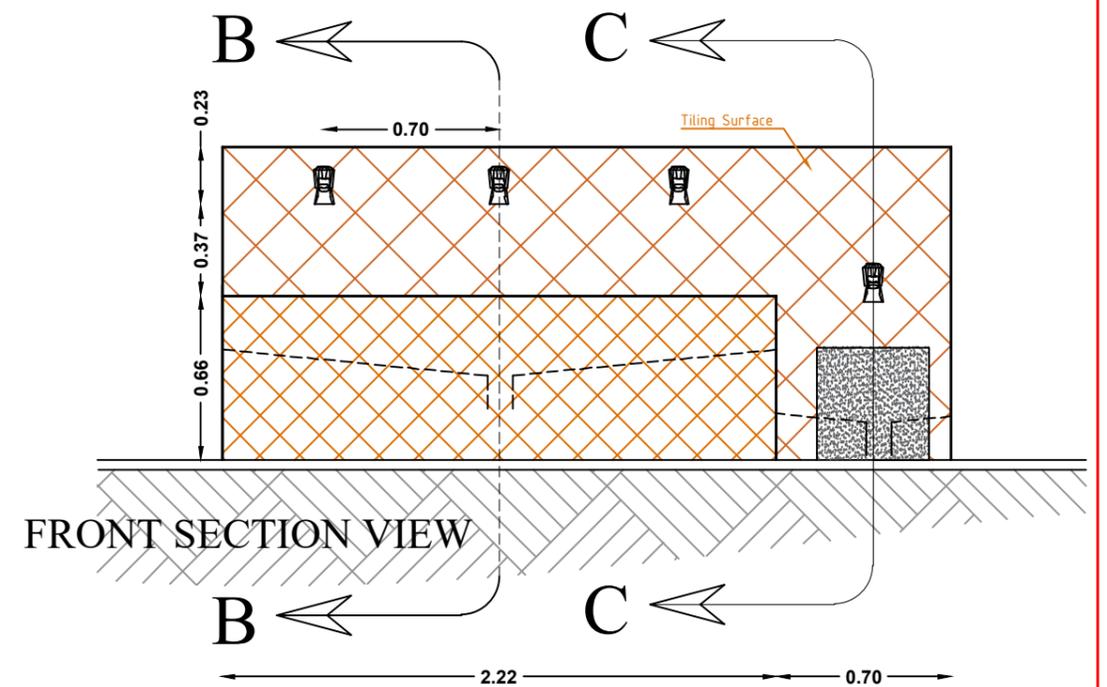
**HAND WASHING STATION
Top View**



SECTION C-C



SECTION B-B

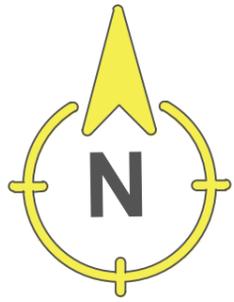


FRONT SECTION VIEW

DATE OF SURVEY	SURVEY & DESIGNED BY	REVIEWED BY
	30-07-2024	Engineer Mustafa Musleh Engineer Mokhtar Rezaee

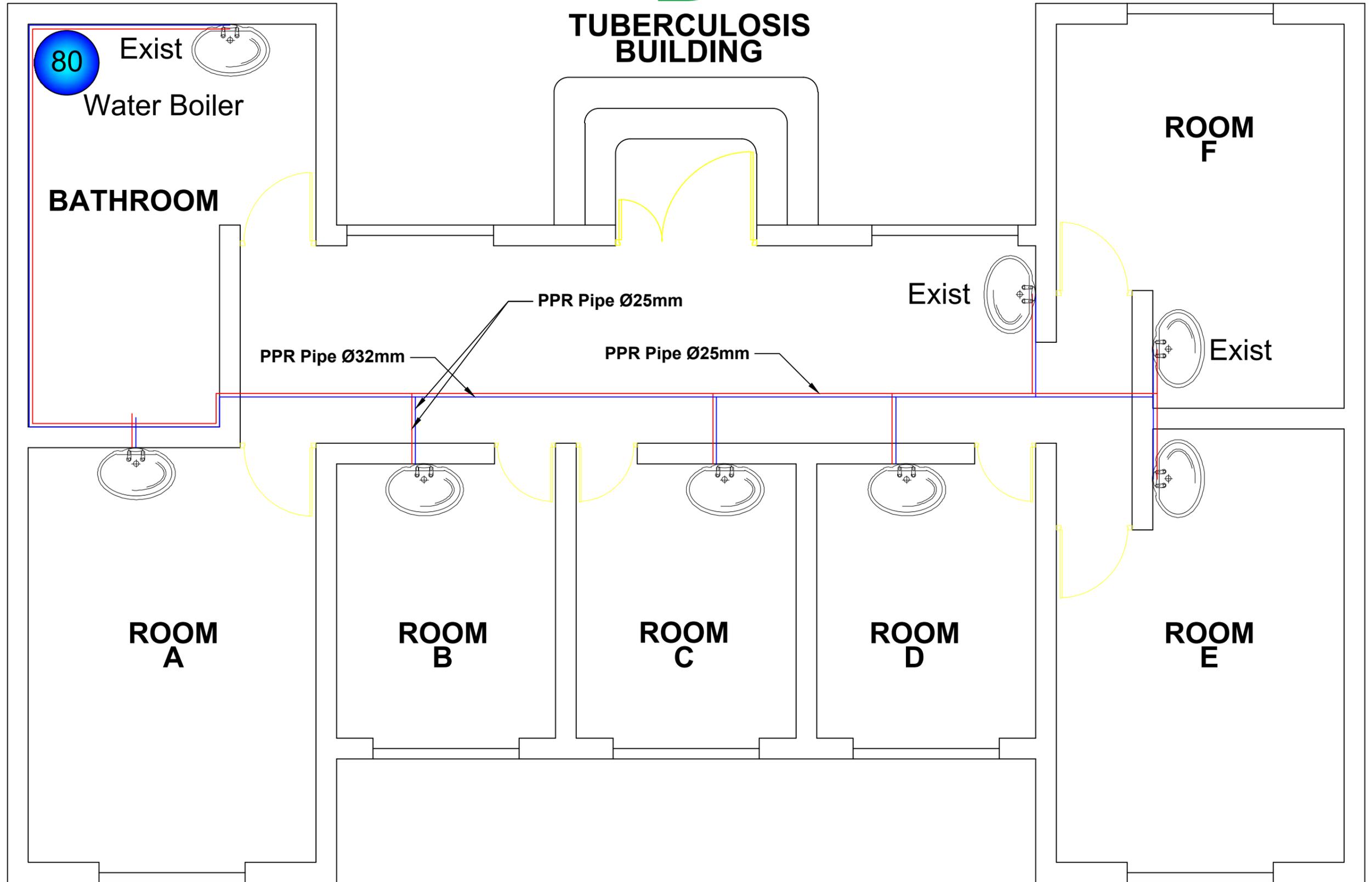
DRAWING SCALE	As Shown	SHEET NO 05	PROVINCE	HERAT
DATE	31.07.2024		DISTRICT	GULRAN
PROJECT PURPOSE	GULRAN DISTRICT HOSPITAL UPGRADING			

PROJECT TITLE : CLINIC WASH UPGRADING
DRAWING TITLE: Hand Washing Station



D

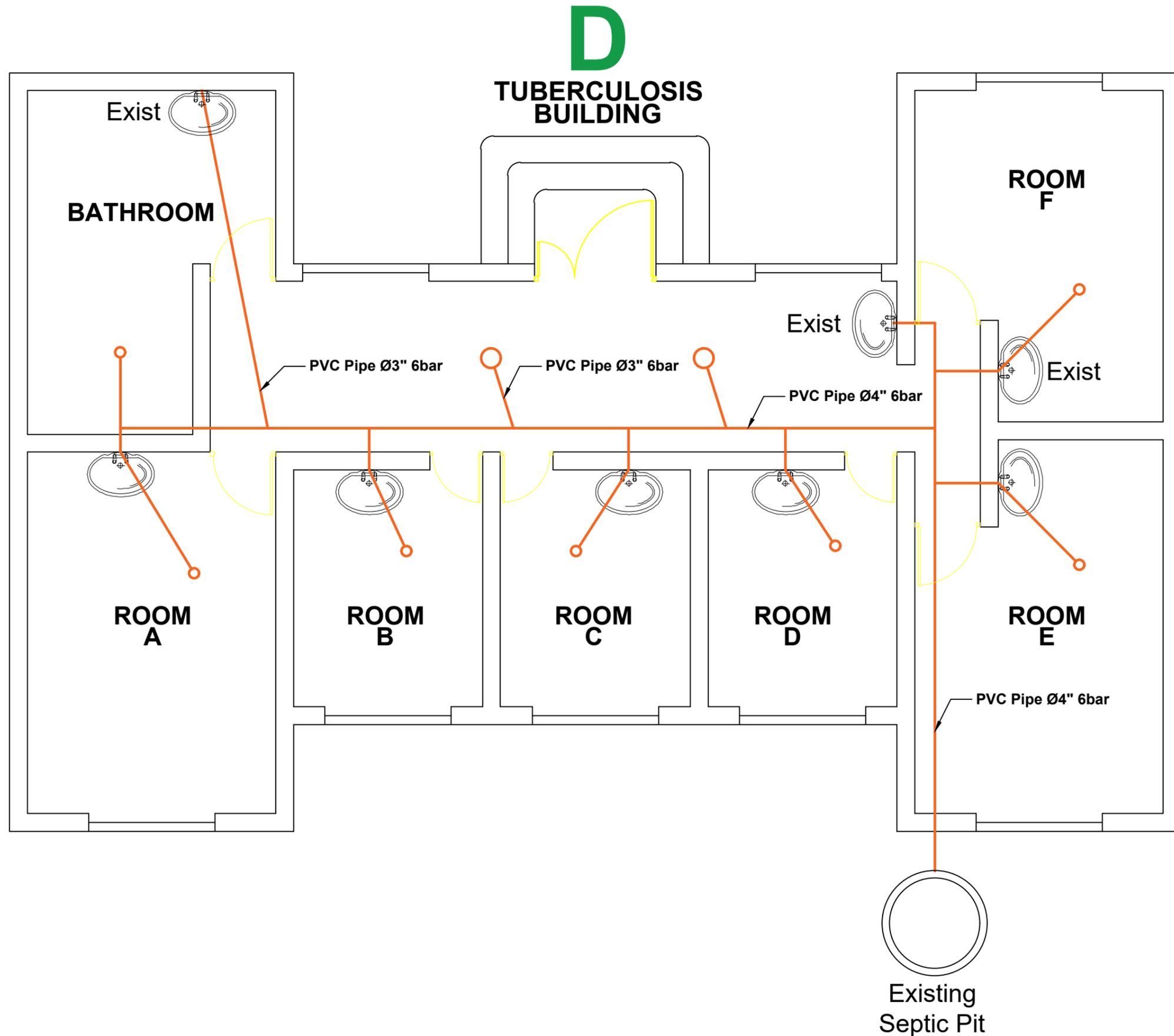
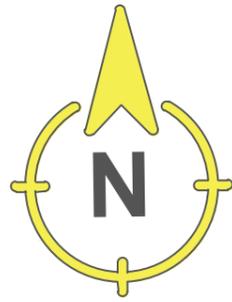
TUBERCULOSIS BUILDING



DATE OF SURVEY	SURVEY & DESIGNED BY	REVIEWED BY
	30-07-2024	Engineer Mustafa Musleh Engineer Mokhtar Rezaee

DRAWING SCALE	As Shown	SHEET NO 06	PROVINCE	HERAT
DATE	31.07.2024		DISTRICT	GULRAN
PROJECT PURPOSE	GULRAN DISTRICT HOSPITAL UPGRADING			

PROJECT TITLE : CLINIC WASH UPGRADING
DRAWING TITLE: Water Pipe network



DATE OF SURVEY	SURVEY & DESIGNED BY	REVIEWED BY
	30-07-2024	Engineer Mustafa Musleh Engineer Mokhtar Rezaee

ACTIONAID
DAWAM PROJECT
FCDO DEPARTMENT

DRAWING SCALE	As Shown	SHEET NO 07	PROVINCE	HERAT
DATE	31.07.2024		DISTRICT	GULRAN
PROJECT PURPOSE	GULRAN DISTRICT HOSPITAL UPGRADING			

PROJECT TITLE : CLINIC WASH UPGRADING
DRAWING TITLE: Sewage Pipe network

