



SAGHAR CHC+



DRAWINGS

AS- BUILT & NEW
STRUCTURES

GHOR, SAGHAR, AFGHANISTAN

Identified Gaps for Existing WASH Services in SAGHAR CHC+:

- The building water supply system and the waste water system are damaged and need to fundamental repairing
- The water supply system of the clinic is from the existing stand tap which is out site of the clinic building and did not connected with the plumbing system.
- There is no stable hand washing facility in the clinic rooms.
- There isn't enough toilets in the clinic area (for male and female) they are using from a dry pit latrine which is not protected
- The HCF rooms & corridor floors are made from PCC and does have floor drain it's problematic during washing and cleaning
- The kitchen lacks a drain well
- There is no protected waste management system in the HCF field, and they are currently using a metallic stove for burning the wastes, the waste pits are protected and do not need repairing.
- Existing septic tank need to evacuation and cleaning.

Solution:

- Establishment of the HCF plumbing system like; plumbing the hot and cold water from the water sources to the sinks and flash tanks and directing the waste water to septic tank and construction of a RCC stand for water tank, because the clinic roof made of local material (wood and clay) and it can't stand the water tank pressure
- Construction of two pair double flash toilets with all needed material in the north side of the clinic for male and female (staff and patients) and considering a ramp and two western WCs for male & female disabled people
- Installation of the sinks and Floor Drain for all rooms clinic for hand washing facility
- We considered a waste management structure for the clinic and we changed the structure palace from northern side to southern to avoid air pollution in the clinic
- Construction of one flash toilets with all needed material for delivery room.
- Evacuation and cleaning of exiting septic tank and drilling the drain pit for kitchen.
- installation of kitchen fixtures like dish washing sink and cabinet




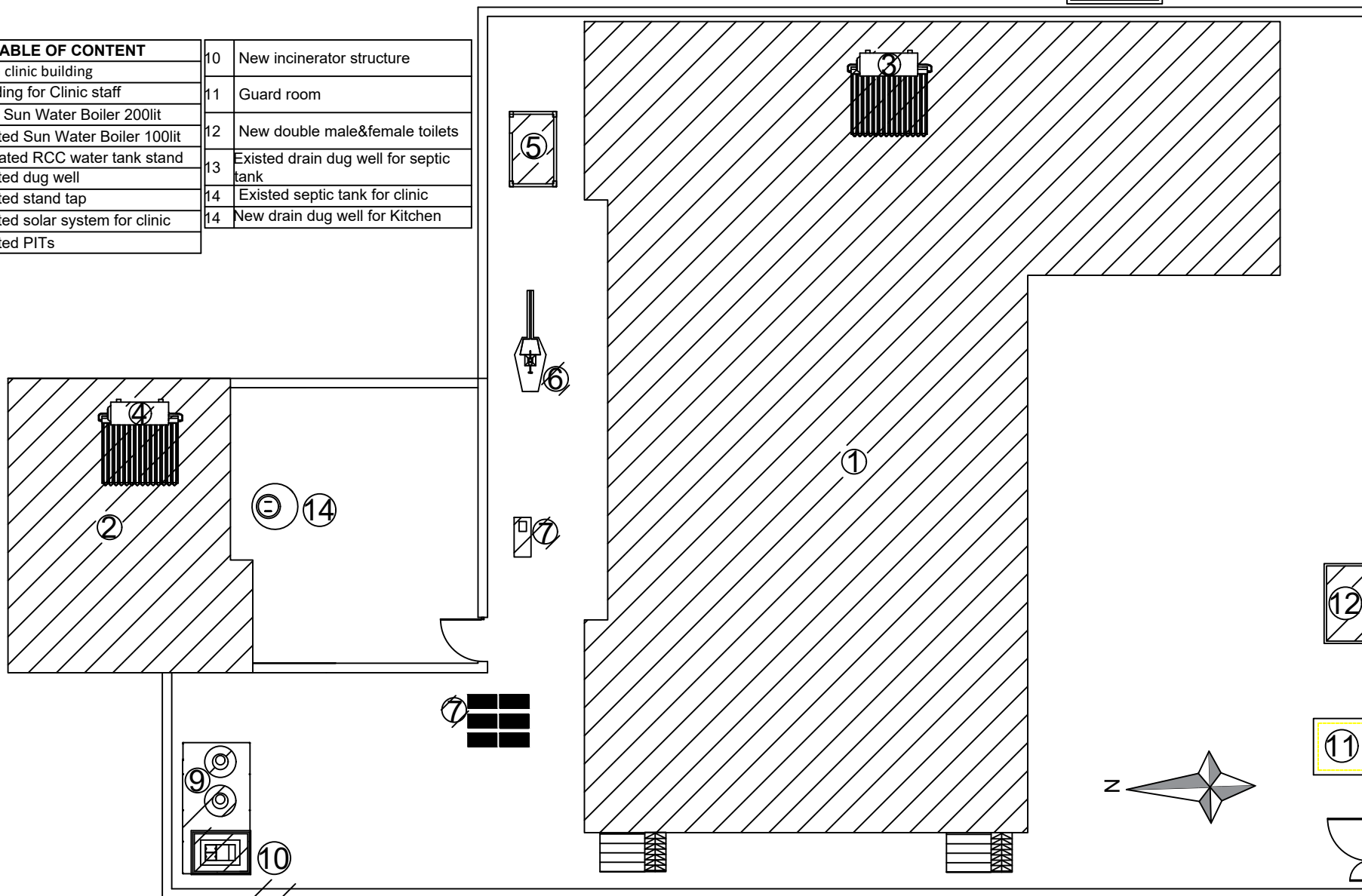
TASK & RESPONSIBILITIES		DATE	NO OF PAGES 	PROVINCE	Ghor	SCALE	-	PROJECT SUB TITLE	Major maintenace of HCF-WASH sector
SURVEYED BY	Farid Qaderi	07-06-2024		DISTRICT	Saghar	START DATE	-	DRAWING TYPE	cover page
DRAWN BY	M.Ismael	04-July-2024		HCF NAME	Saghar CHC+	END DATE	-	E	63° 51' 01.783"
REVIEWED BY	Hekmatullah Arefzai	-		HCF TYPE	CHC+	PROJECT TITLE	FCDO-DAWAM	N	33° 41' 58.670"
APPROVED BY	Simon Wankuru	-							

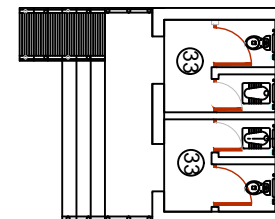
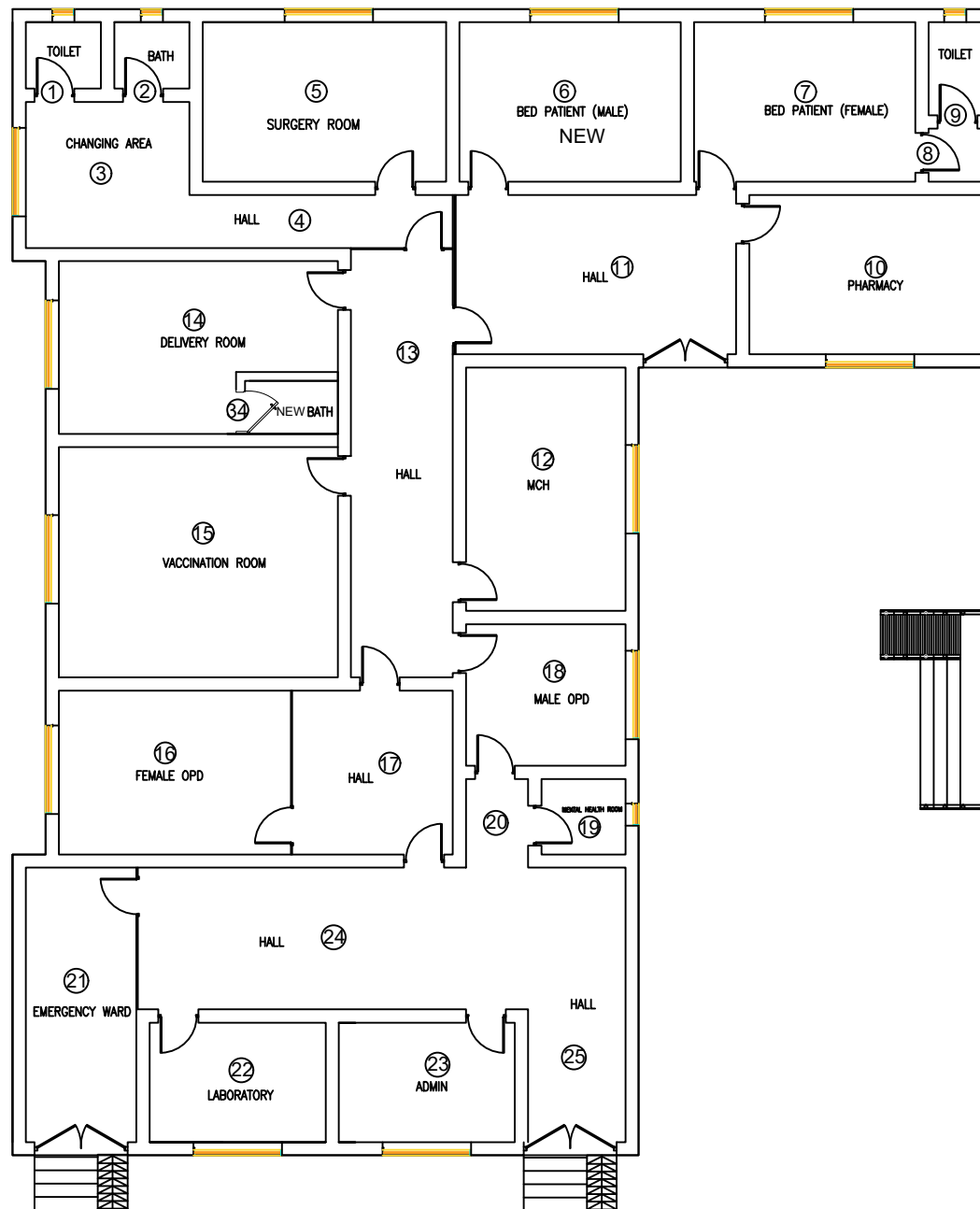
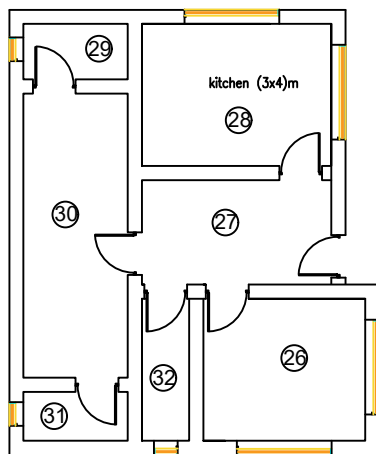
TABLE OF CONTENT	
1	Main clinic building
2	Building for Clinic staff
3	New Sun Water Boiler 200lit
4	Existed Sun Water Boiler 100lit
5	Elevated RCC water tank stand
6	Existed dug well
7	Existed stand tap
8	Existed solar system for clinic
9	Existed PITs
10	New incinerator structure
11	Guard room
12	New double male&female toilets
13	Existed drain dug well for septic tank
14	Existed septic tank for clinic
14	New drain dug well for Kitchen



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TASK & RESPOSIBILITIES		DATE	NO OF PAGES	PROVINCE	Ghor	SCALE	1:200	PROJECT SUB TITLE	Major maintenace of HCF-WASH sector
SURVEYED BY	Farid Qaderi	07-06-2024		DISTRICT	Saghar	START DATE	----	DRAWING TYPE	Site plan
DRAWN BY	M.ismael	04-July-2024	<div> <div>2</div> <div>9</div> </div>	HCF NAME	Saghar CHC+	END DATE	----	E	63° 51' 01.783"
REVIEWED BY	Hekmatullah Arefzai	-		HCF TYPE	CHC+	PROJECT TITLE	FCDO-DAWAM	N	33° 41' 58.670"
APPROVED BY	Simon Wankuru	-							

TABLE OF CONTENT FOR BUILDING PLAN		18	Male OPD room(3.2x3.6)m
1	Toilet(1.7X1.5)m	19	mental Health(1.7x1.9)m
2	Bath(1.7X1.5)m	20	Corridor(2x1.4)m
3	Changing area(3.7X3.3)m	21	Emergency ward(6.2x2.6)m
4	Hall(6x1.2)m	22	Laboratory(4x2.7)m
5	Surgery(5.5x3.6m)	23	Admin(4x2.7)m
6	Bed patient-male(5x3.6m)	24	Hall(11x3.2)m
7	Bed patient-female(5x3.6m)	25	Hall(2.2x3.1)m
8	Corridor (1.2x1.2)m	26	Clinic Staff room(3x3.3)m
9	Toilet (2.1x1.2)m	27	Corridor(2.x4)m
10	Pharmacy room (5.2x3.6)m	28	Kitchen (3x4)m
11	Hall (6.3X3.6)m	29	Toilet (2.1x1.1)m
12	MCH room (3.6x5.5)m	30	Hall(2.1x6)m
13	Hall (9.7x2.3)m	31	Toilet (2.1x1.1)m
14	Delivery room(6.3x3.9)m	32	Bath for clinic staff (3x1)m
15	Vaccination room(5.2x6.3)m	33	New double male&female toilet 4(1.2x1)m
16	Female OPD room(5.2x3.6)m	34	New bath&toilet for delivery room(2x1.2)m
17	Hall(3.6x6.3)m		



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TASK & RESPOSIBILITIES		DATE	NO OF PAGES 3 9	PROVINCE	Ghor	SCALE	1:100	PROJECT SUB TITLE	Major maintenace of HCF-WASH sector
SURVEYED BY	Farid Qaderi	07-06-2024		DISTRICT	Saghar	START DATE	----	DRAWING TYPE	Main plan
DRAWN BY	M.ismael	04-July-2024		HCF NAME	Saghar CHC+	END DATE	----	E	63° 51' 01.783"
REVIEWED BY	Hekmatullah Arefzai	-		HCF TYPE	CHC+	PROJECT TITLE	FCDO-DAWAM	N	33° 41' 58.670"
APPROVED BY	Simon Wankuru	-							

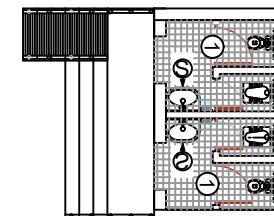
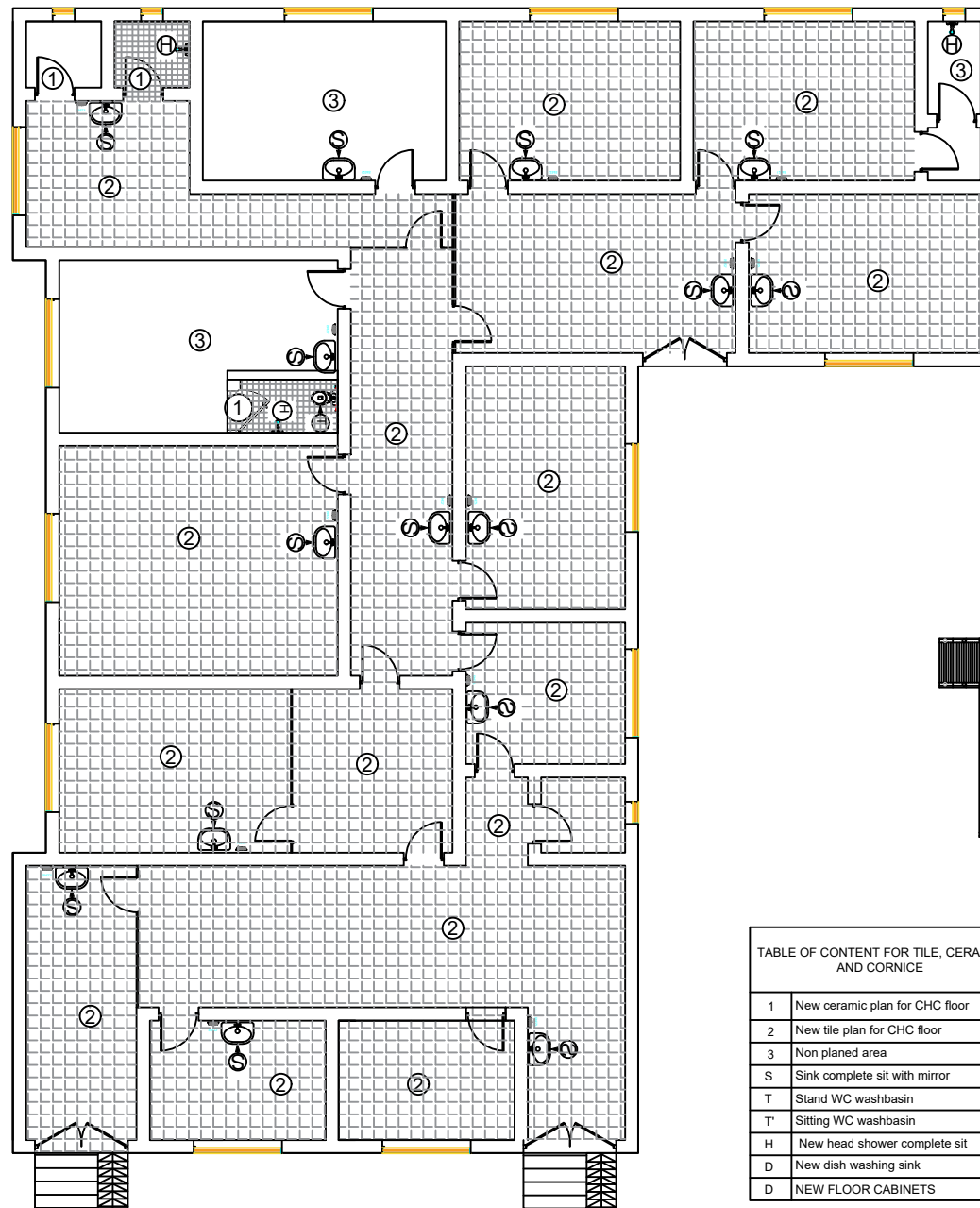
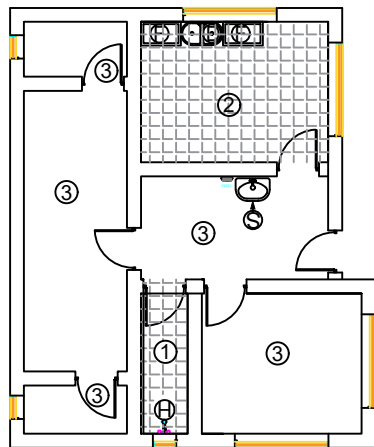
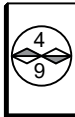
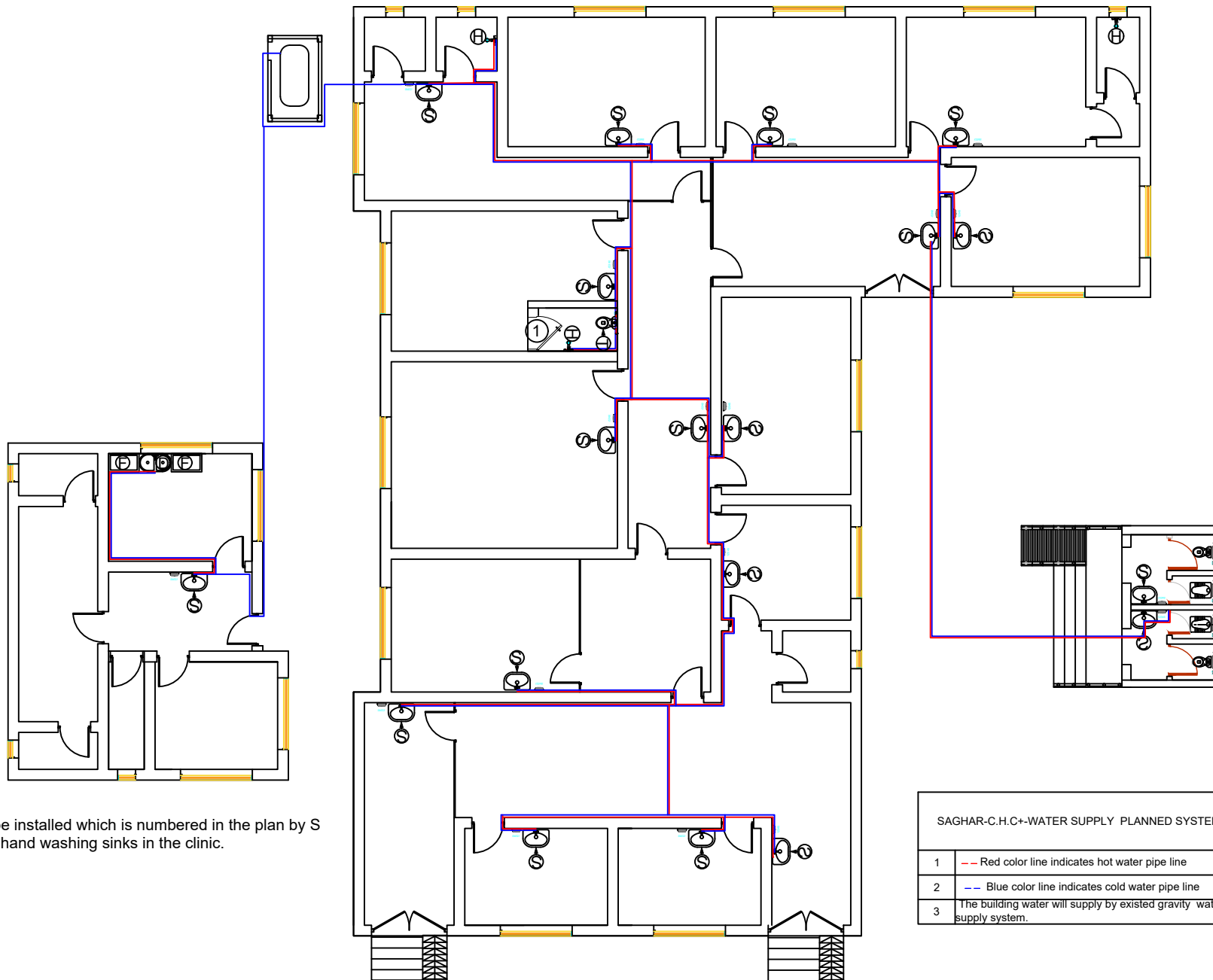


TABLE OF CONTENT FOR TILE, CERAMIC AND CORNICE	
1	New ceramic plan for CHC floor
2	New tile plan for CHC floor
3	Non planed area
S	Sink complete sit with mirror
T	Stand WC washbasin
T'	Sitting WC washbasin
H	New head shower complete sit
D	New dish washing sink
D	NEW FLOOR CABINETS

-All dimension are in centimeter, otherwise noted
 -The ceramic and tile hatched areas are under plan to be install ceramic and tile

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SURVEYED BY	Farid Qaderi	07-06-2024		DISTRICT	Saghar	START DATE	----	DRAWING TYPE	Tile& Ceramic plan
DRAWN BY	M.ismael	04-July-2024		HCF NAME	Saghar CHC+	END DATE	----	E	63° 51' 01.783"
REVIEWED BY	Hekmatullah Arefzai	-		HCF TYPE	CHC+	PROJECT TITLE	FCDO-DAWAM	N	33° 41' 58.670"
APPROVED BY	Simon Wankuru	-							

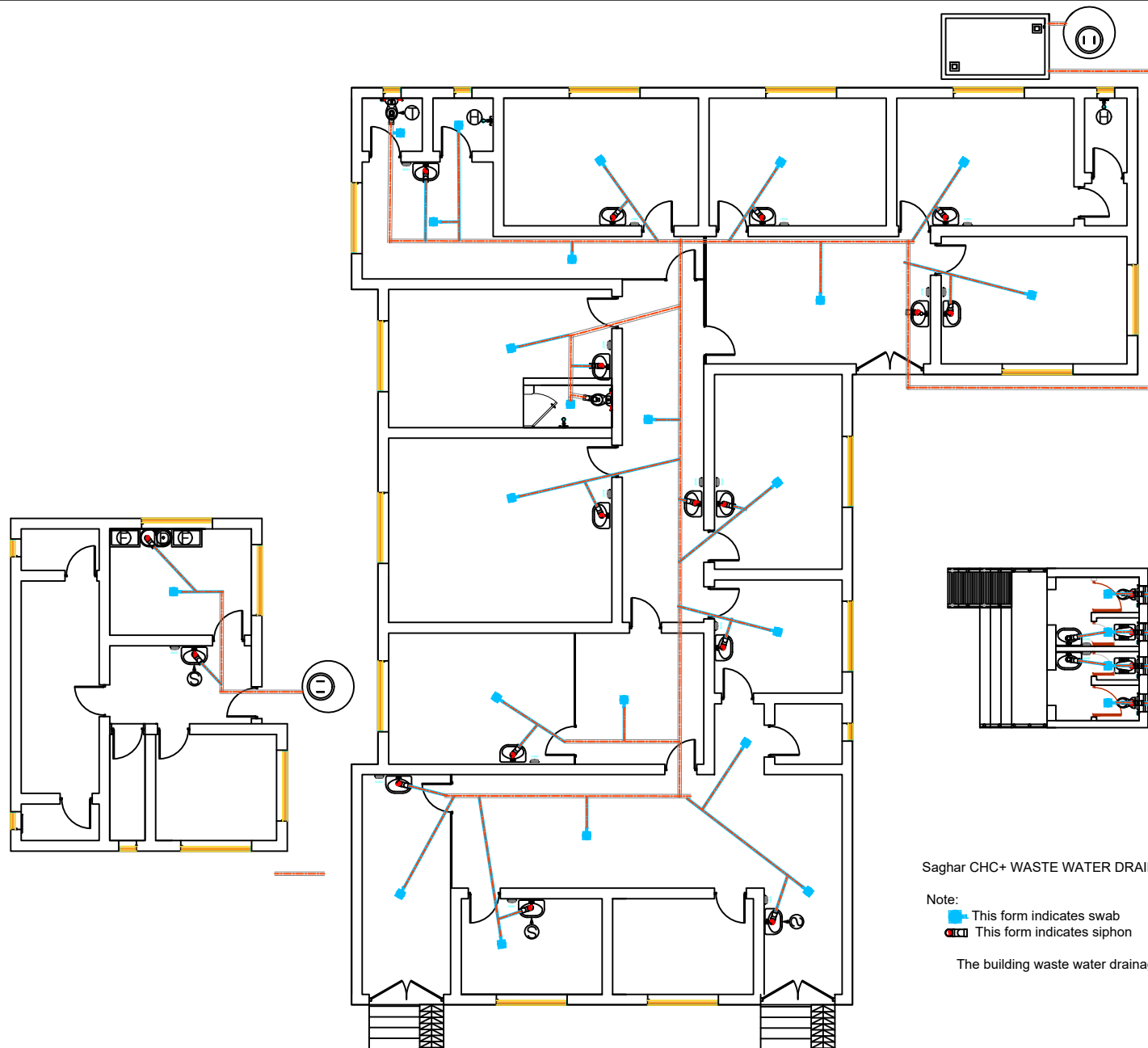


- The sinks must be installed which is numbered in the plan by S in total there is 18 hand washing sinks in the clinic.

SAGHAR-C.H.C+-WATER SUPPLY PLANNED SYSTEM	
1	-- Red color line indicates hot water pipe line
2	-- Blue color line indicates cold water pipe line
3	The building water will supply by existed gravity water supply system.

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SURVEYED BY	Farid Qaderi	07-06-2024		DISTRICT	Saghar	START DATE	----	DRAWING TYPE	Water supply plan
DRAWN BY	M.ismael	04-July-2024		HCF NAME	Saghar CHC+	END DATE	----	E	63° 51' 01.783"
REVIEWED BY	Hekmatullah Arefzai	-		HCF TYPE	CHC+	PROJECT TITLE	FCDO-DAWAM	N	33° 41' 58.670"
APPROVED BY	Simon Wankuru	-							



Saghar CHC+ WASTE WATER DRAINAGE PLANNED SYSTEM

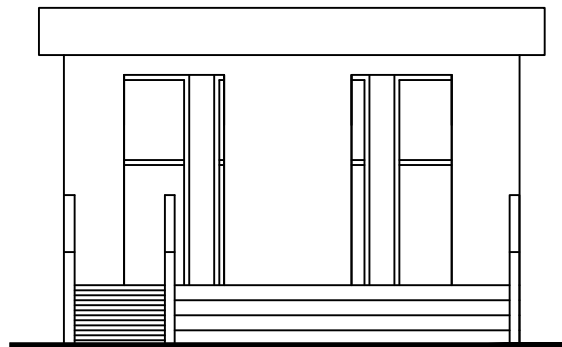
Note:

- This form indicates swab
- This form indicates siphon

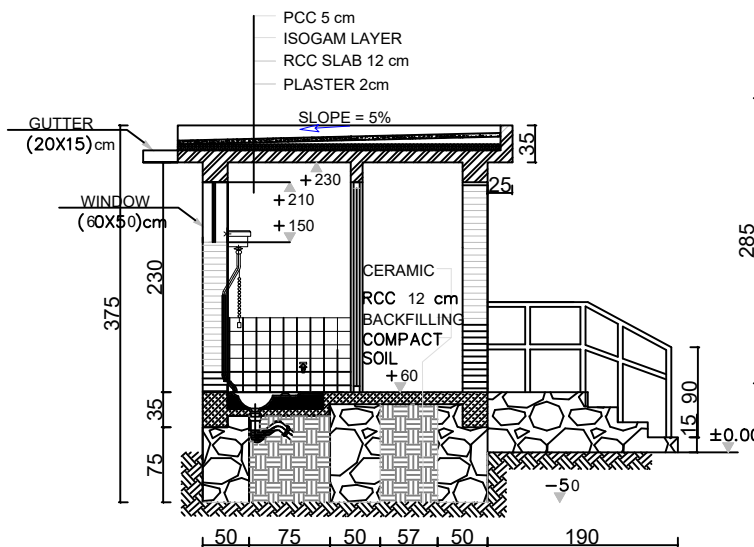
The building waste water drainage system is new

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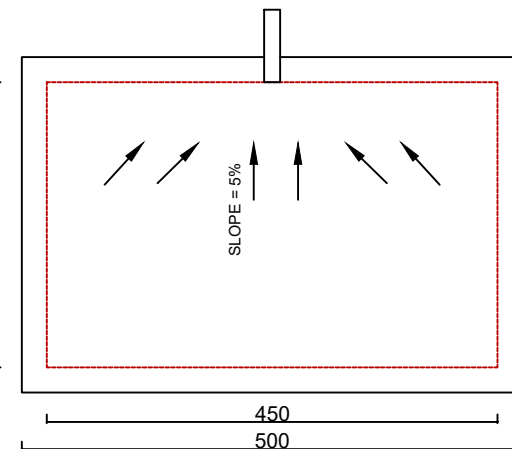
TASK & RESPOSIBILITIES		DATE	<div>NO OF PAGES</div> <div>6/9</div>	PROVINCE	Ghor	SCALE	1:100	PROJECT SUB TITLE	Major maintenace of HCF-WASH sector
SURVEYED BY	Farid Qaderi	07-06-2024		DISTRICT	Saghar	START DATE	----	DRAWING TYPE	Waste water Drainage plan
DRAWN BY	M.ismael	04-July-2024		HCF NAME	Saghar CHC+	END DATE	----	E	63° 51' 01.783"
REVIEWED BY	Hekmatullah Arefzai	-		HCF TYPE	CHC+	PROJECT TITLE	FCDO-DAWAM	N	33° 41' 58.670"
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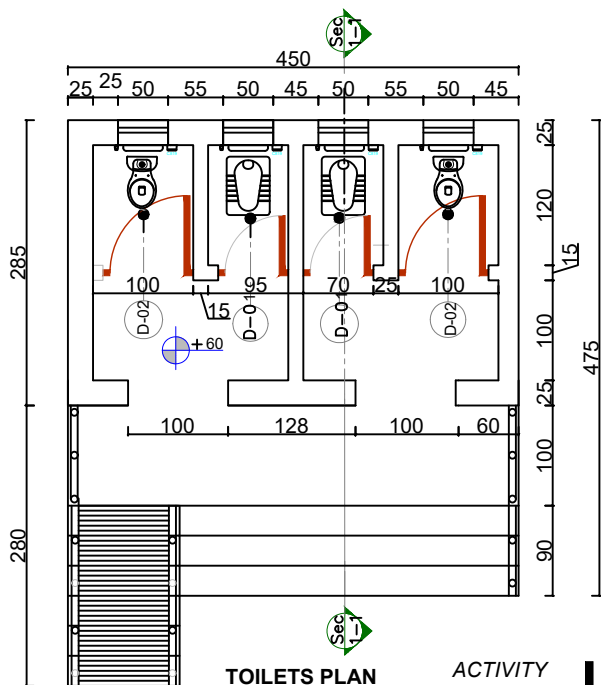
TOILETS ELEVATION



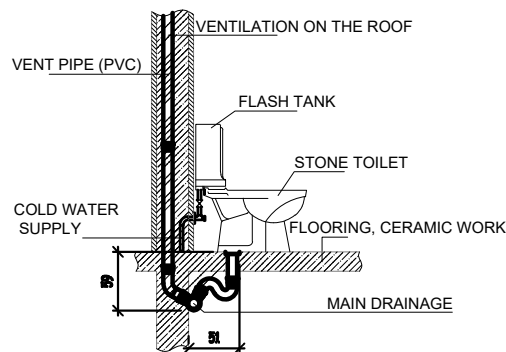
SECTION 1-1



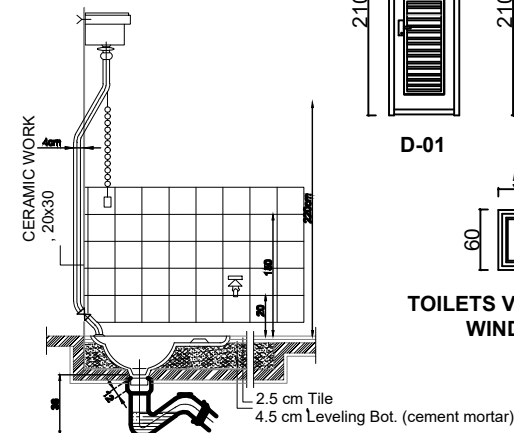
ROOF PLAN



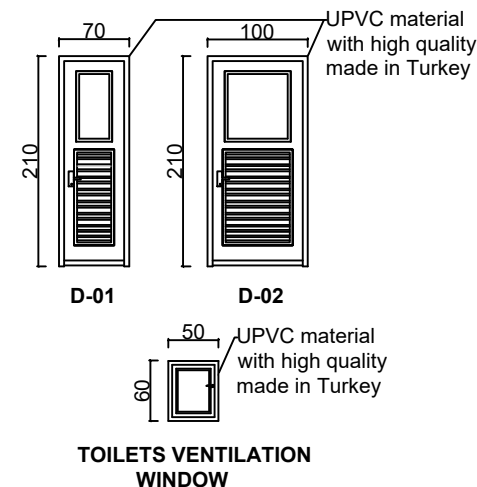
TOILETS PLAN



TYPICAL TOILET INSTALLATION



DIMENSION AND CONNECTION DETAILS
PLACEMENT OF EASTERN TOILETS




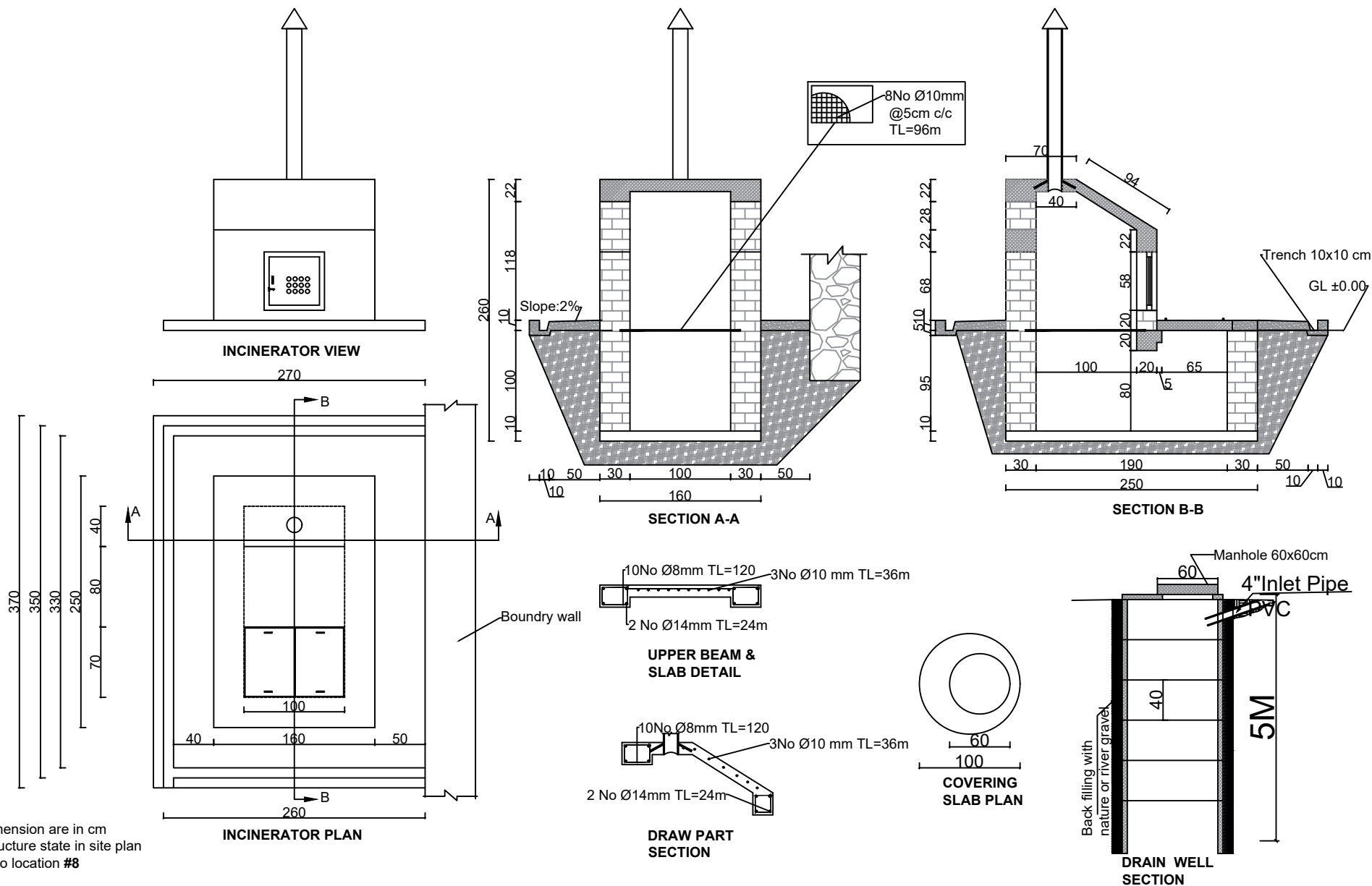
TOILETS VENTILATION WINDOW

Note:
All dimension are in cm,
unless otherwise noted

ACTIVITY TYPE	NEW PLANNED ACTIVITY
ACTIVITY REFERENCE	,Site Plan #9

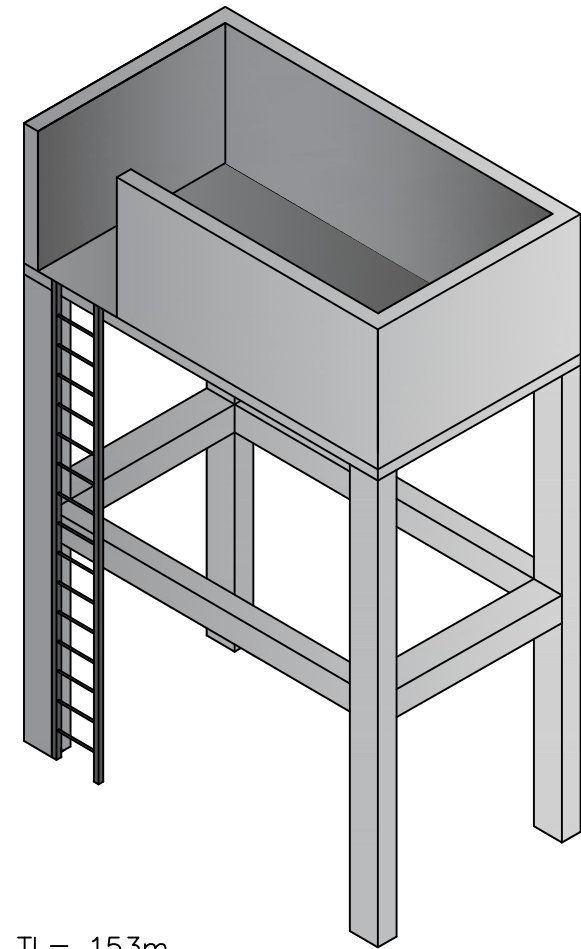
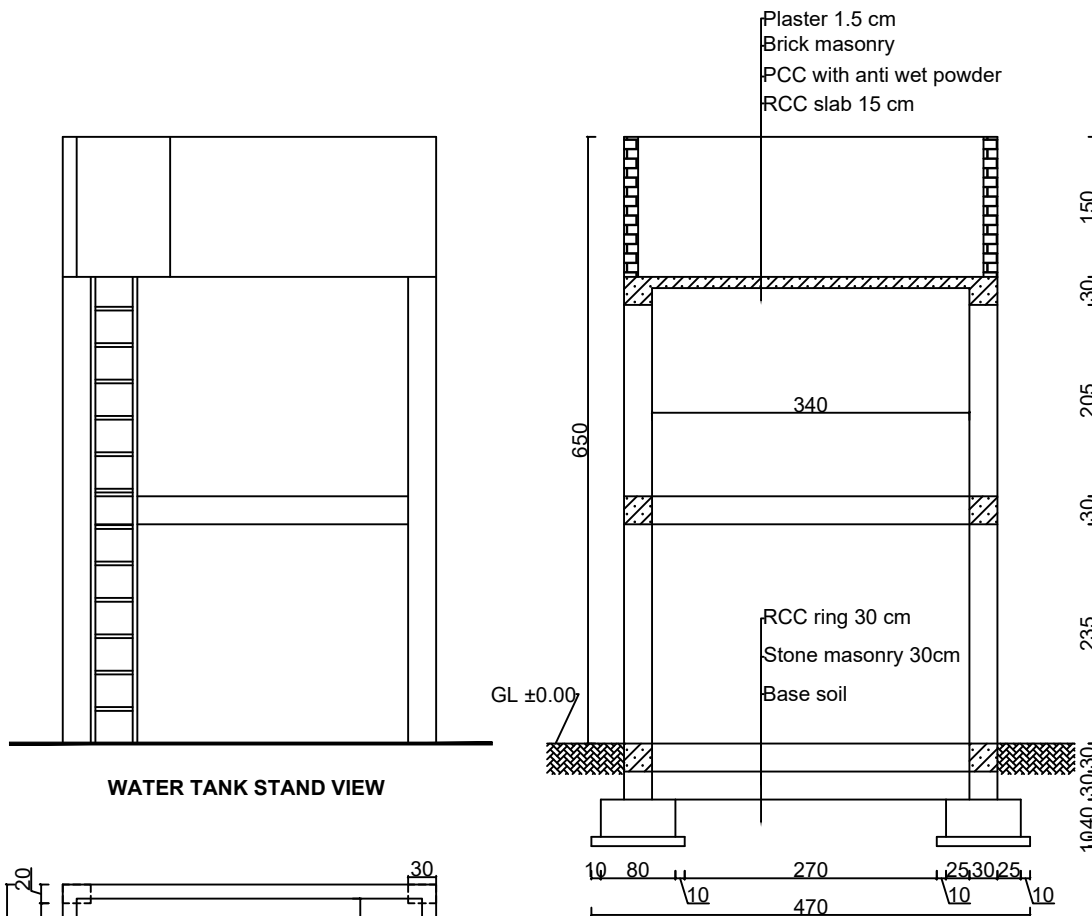
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SURVEYED BY	Farid Qaderi	07-06-2024		DISTRICT	Saghar	START DATE	----	DRAWING TYPE	Toilets & sink insralation
DRAWN BY	M.ismael	04-July-2024		HCF NAME	Saghar CHC+	END DATE	----	E	63° 51' 01.783"
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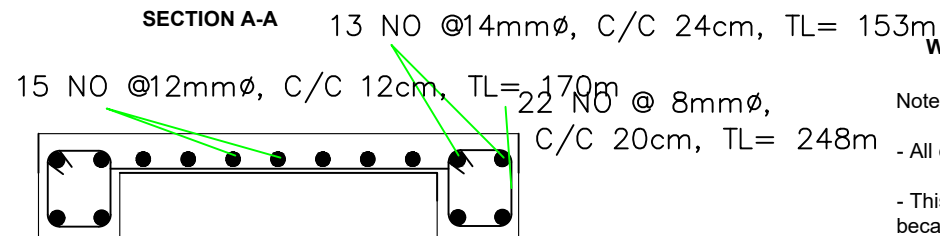


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TASK & RESPOSIBILITIES		DATE	NO OF PAGES <div>8 9</div>	PROVINCE	Ghor	SCALE	1:100	PROJECT SUB TITLE	Major maintenace of HCF-WASH sector
SURVEYED BY	Farid Qaderi	07-06-2024		DISTRICT	Saghar	START DATE	----	DRAWING TYPE	Incinerator plan & section
DRAWN BY	M.ismael	04-July-2024		HCF NAME	Saghar CHC+	END DATE	----	E	63° 51' 01.783"
REVIEWED BY	Hekmatullah Arefzai	-		HCF TYPE	CHC+	PROJECT TITLE	FCDO-DAWAM	N	33° 41' 58.670"
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WATER TANK STAND 3D VIEW

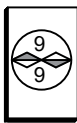


Note:

- All dimension are in cm, unless otherwise noted

- This stand made for water tank with 2000 liters capacity because we can't install the water tank on the clinic roof, the clinic roof made of local material and it can't stand this load and maybe during leakage it may destroy the clinic roof
- For location of the stand in clinic area refers to site plan #5

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SURVEYED BY	Farid Qaderi	07-06-2024		DISTRICT	Saghar	START DATE	----	DRAWING TYPE	RCC-water tank stand
DRAWN BY	M.ismael	04-July-2024		HCF NAME	Saghar CHC+	END DATE	----	E	63° 51' 01.783"
REVIEWED BY	Hekmatullah Arefzai	-		HCF TYPE	CHC+	PROJECT TITLE	FCDO-DAWAM	N	33° 41' 58.670"
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