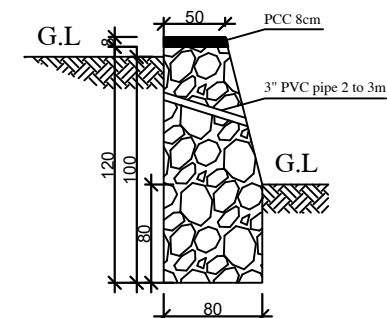
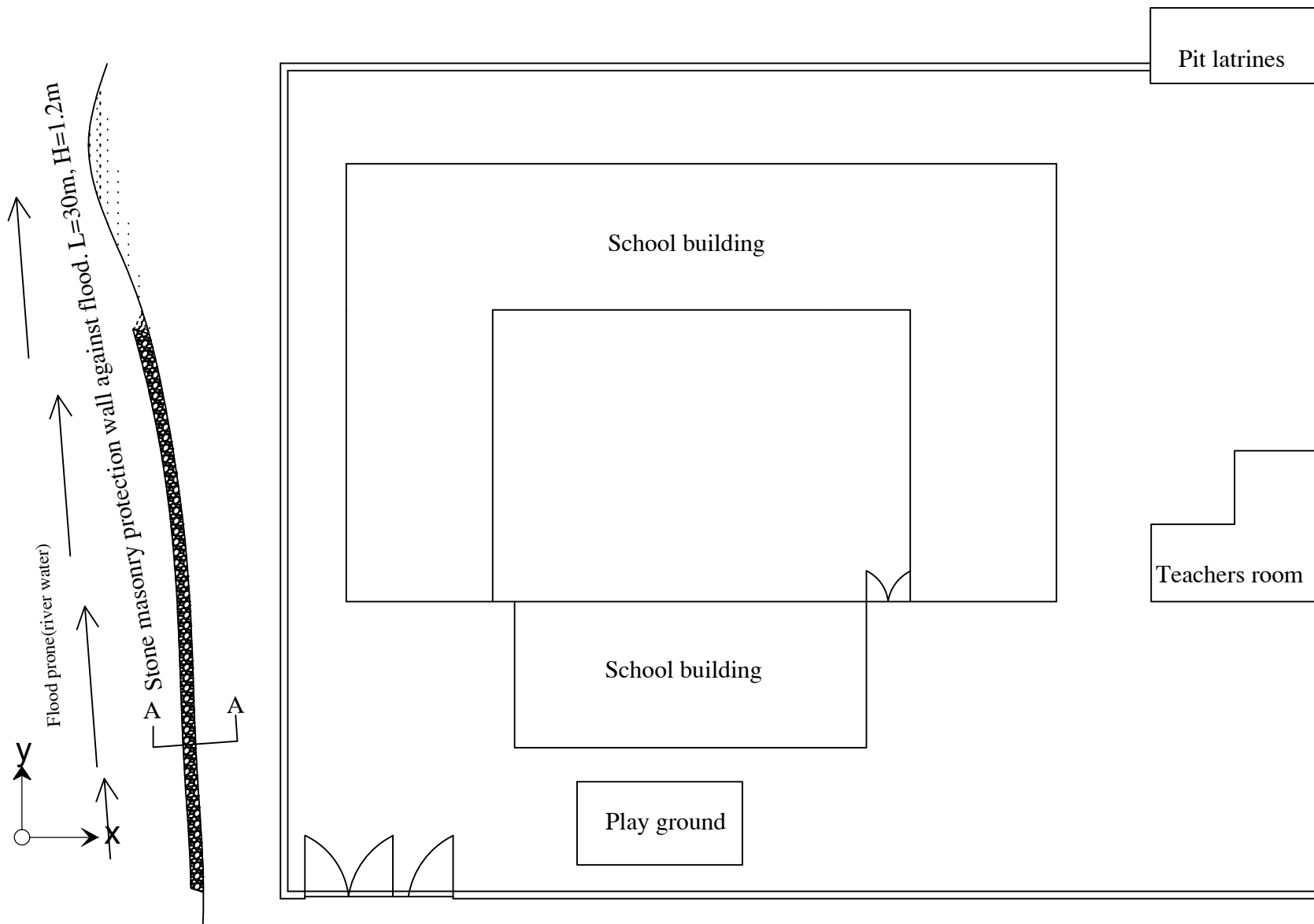
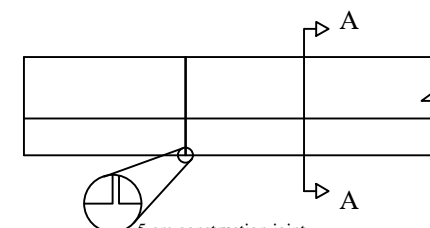




Ghar Ghara-e Kaloo High School Site Plan



Section A-A



Retaining wall plan
L = 30m

Planned Activities :

1. Stone masonry protection wall against flood, L=30m, H=1.2m

0 5 10 15 20 30 40 50M
1:100(A4)



INTERNATIONAL RESCUE COMMITTEE
ENVIRONMENTAL HEALTH DEPARTMENT
BAMYAN FIELD OFFICE
SIP SCHOOLS REPAIR/IMPROVEMETN

PROJECT LOCATION/ADDRESS
DISTRICT SHIBAR
SCHOOL NAME GHAR GHARI-E KALOO HIGH SCHOOL
VILLAGE GHAR GHARI-E KALOO

DRAWING TITLE
1- Site plan
2- New wall section

Drawn by Jawed Omar
Sheet# 01
Grant: EC533
Units Scale

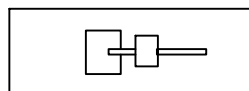
Reviewed by		
Name	Position title	Signature



Removing existing concrete and replace new concrete

Walk way

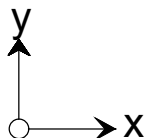
School building (wooden truss with GI sheet)
GI sheet repairing/replacement (30m²)



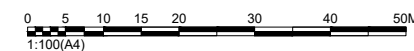
Hand pump repair

Pit latrines

Existing classroom
(4.4x5.6)m
New Mud&straw



Planned Activities :
1. Repairing of roof GI sheet lums(30m²)
2. Walk way PCC, L=31.5 W=80cm, T=10cm
3. Mud&straw of roof for C.Room7
4. Hand pump repair



INTERNATIONAL RESCUE COMMITTEE
ENVIRONMENTAL HEALTH DEPARTMENT
BAMYAN FIELD OFFICE
SIP SCHOOLS REPAIR/IMPROVEMETN

PROJECT LOCATION/ADDRESS	
DISTRICT	SHIBAR
SCHOOL NAME	Jalmish Primary School
VILLAGE	

DRAWING TITLE
1- Site plan

Drawn by Jawed Omar	
Sheet# 03	
Grant: EC533	
Units	Scale

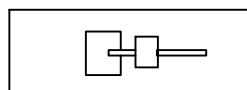
Reviewed by		
Name	Position title	Signature



Removing existing concrete and replace new concrete

Walk way

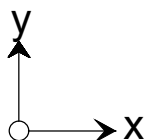
School building (wooden truss with GI sheet)
GI sheet repairing/replacement (30m²)



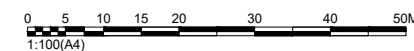
Hand pump repair

Pit latrines

Existing classroom
(4.4x5.6)m
New Mud&straw



Planned Activities :
1. Repairing of roof GI sheet lums(30m²)
2. Walk way PCC, L=31.5 W=80cm, T=10cm
3. Mud&straw of roof for C.Room7
4. Hand pump repair



INTERNATIONAL RESCUE COMMITTEE
ENVIRONMENTAL HEALTH DEPARTMENT
BAMYAN FIELD OFFICE
SIP SCHOOLS REPAIR/IMPROVEMETN

PROJECT LOCATION/ADDRESS	
DISTRICT	SHIBAR
SCHOOL NAME	Jalmish Primary School
VILLAGE	

DRAWING TITLE

1- Site plan

Drawn by Jawed Omar

Sheet# 03

Grant: EC533

Units

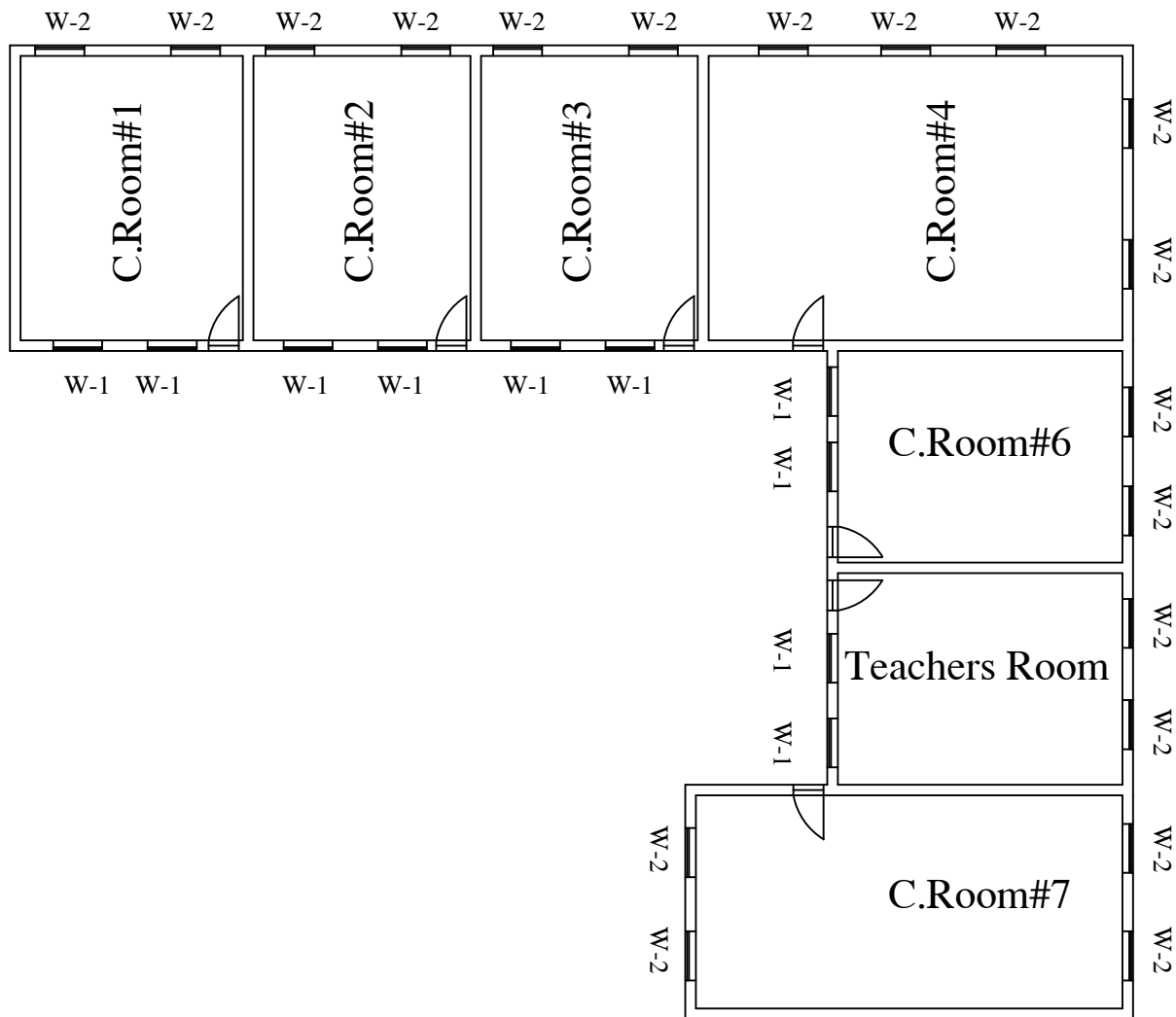
Scale

Reviewed by

Name

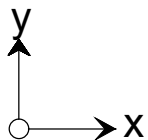
Position title

Signature



Note:

1. W1 (1x1.7)m: Provide and installation of glass 4mm with wooden trim, 2 coats oil painting.
2. W2(1.2x0.7)m: provide and installation of glass 4mm with wooden trim, 2 coats oil painting
3. D1(1x2.5)m: Wooden sheet from khar wood for panel installation of locks, 2 coats oil painting, glass 4mm



Planned Activities :

1. Repairing/adjust of doors and windows
2. Replacing of door panels
3. Installation of 4mm glasses with wooden trim
4. Installation of mesh 0.5 to 1mm
5. Oil painting of doors and windows
6. Installation of locks for doors and windows
7. Repairing of student chairs(welding, lasani board 20m)



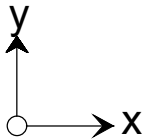
INTERNATIONAL RESCUE COMMITTEE
ENVIRONMENTAL HEALTH DEPARTMENT
BAMYAN FIELD OFFICE
SIP SCHOOLS REPAIR/IMPROVEMETN

PROJECT LOCATION/ADDRESS
DISTRICT SHIBAR
SCHOOL NAME Jalmish Primary School
VILLAGE

DRAWING TITLE
1- Site plan

Drawn by Jawed Omar
Sheet# 04
Grant: EC533
Units Scale

Reviewed by		
Name	Position title	Signature



INTERNATIONAL RESCUE COMMITTEE
ENVIRONMENTAL HEALTH DEPARTMENT
BAMYAN FIELD OFFICE
SIP SCHOOLS REPAIR/IMPROVEMETN

PROJECT LOCATION/ADDRESS	
DISTRICT	SHIBAR
SCHOOL NAME	Jalmish Primary School
VILLAGE	

DRAWING TITLE
1– Site plan

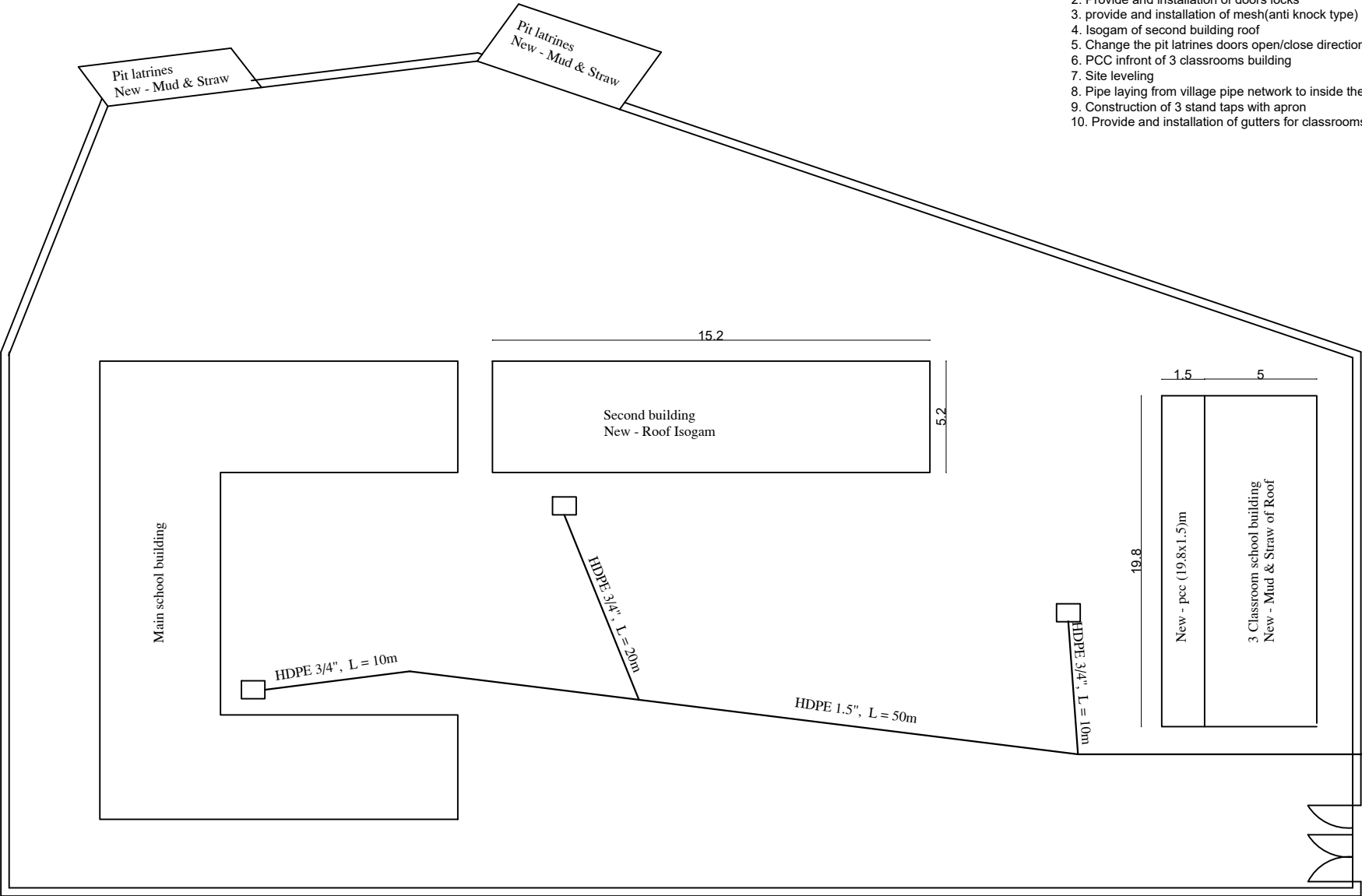
Drawn by Jawed Omar	
Sheet# 05	
Grant: EC533	
Units Centimeter	Scale

Reviewed by		
Name	Position title	Signature



Briglegh Secondary School Site Plan

- Planned Activities :**
- 1. Doors and windows panels adjustment
 - 2. Provide and installation of doors locks
 - 3. provide and installation of mesh(anti knock type)
 - 4. Isogam of second building roof
 - 5. Change the pit latrines doors open/close direction
 - 6. PCC infront of 3 classrooms building
 - 7. Site leveling
 - 8. Pipe laying from village pipe network to inside the school
 - 9. Construction of 3 stand taps with apron
 - 10. Provide and installation of gutters for classrooms, latrines roof



INTERNATIONAL RESCUE COMMITTEE
ENVIRONMENTAL HEALTH DEPARTMENT
BAMYAN FIELD OFFICE
SIP SCHOOLS REPAIR/IMPROVEMETN

PROJECT LOCATION/ADDRESS	
DISTRICT	SHIBAR
SCHOOL NAME	Briglegh Secondary School
VILLAGE	Briglegh

DRAWING TITLE
1- Site plan

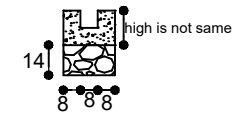
Drawn by Jawed Omar	
Sheet# 09	
Grant: EC533	
Units	Scale
Centimeter	

Reviewed by		
Name	Position title	Signature

Note:
The total no of public
stand taps are 3

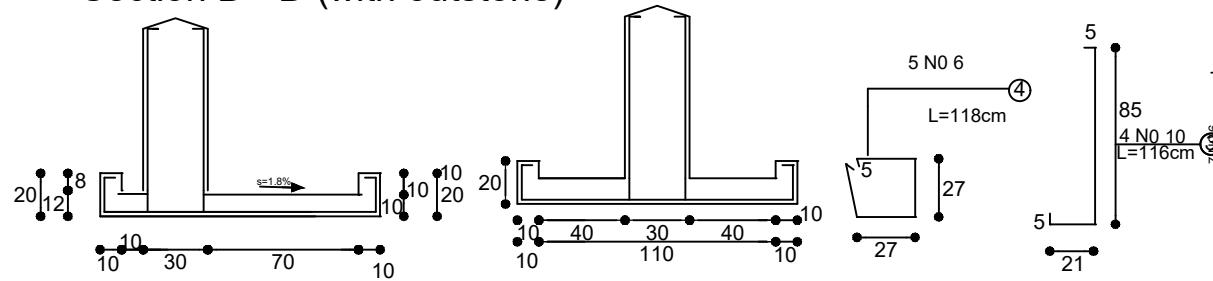
Reienformmnet Details

(Drainag section)

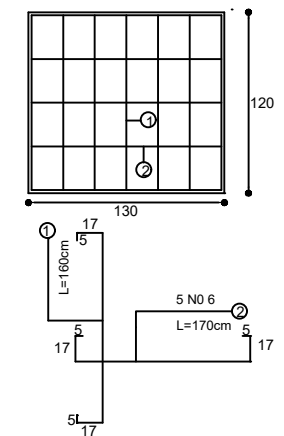


Section D - D (with outstone)

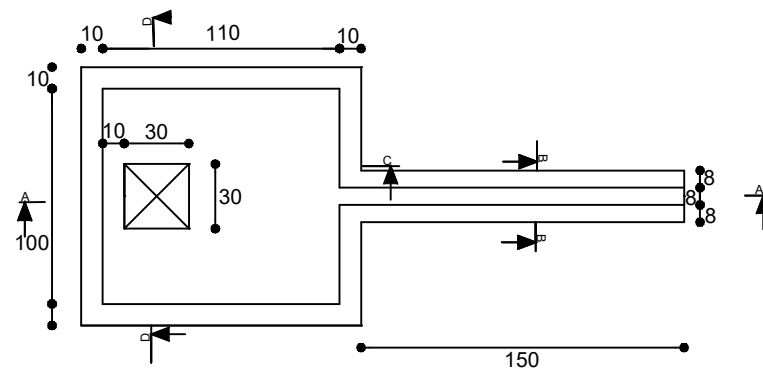
Section D - D (with outstone)



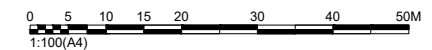
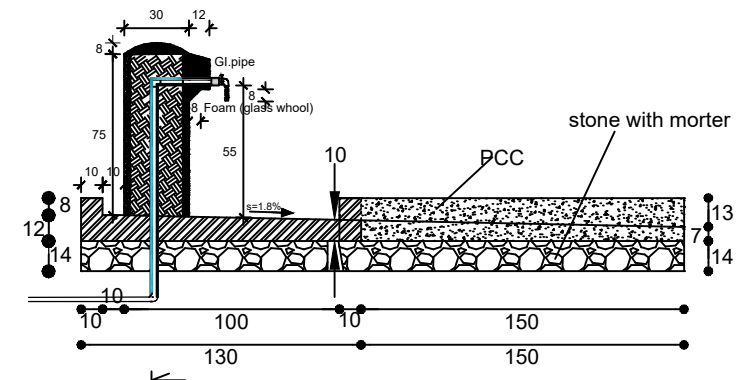
salab steel



Stand Tap Plan



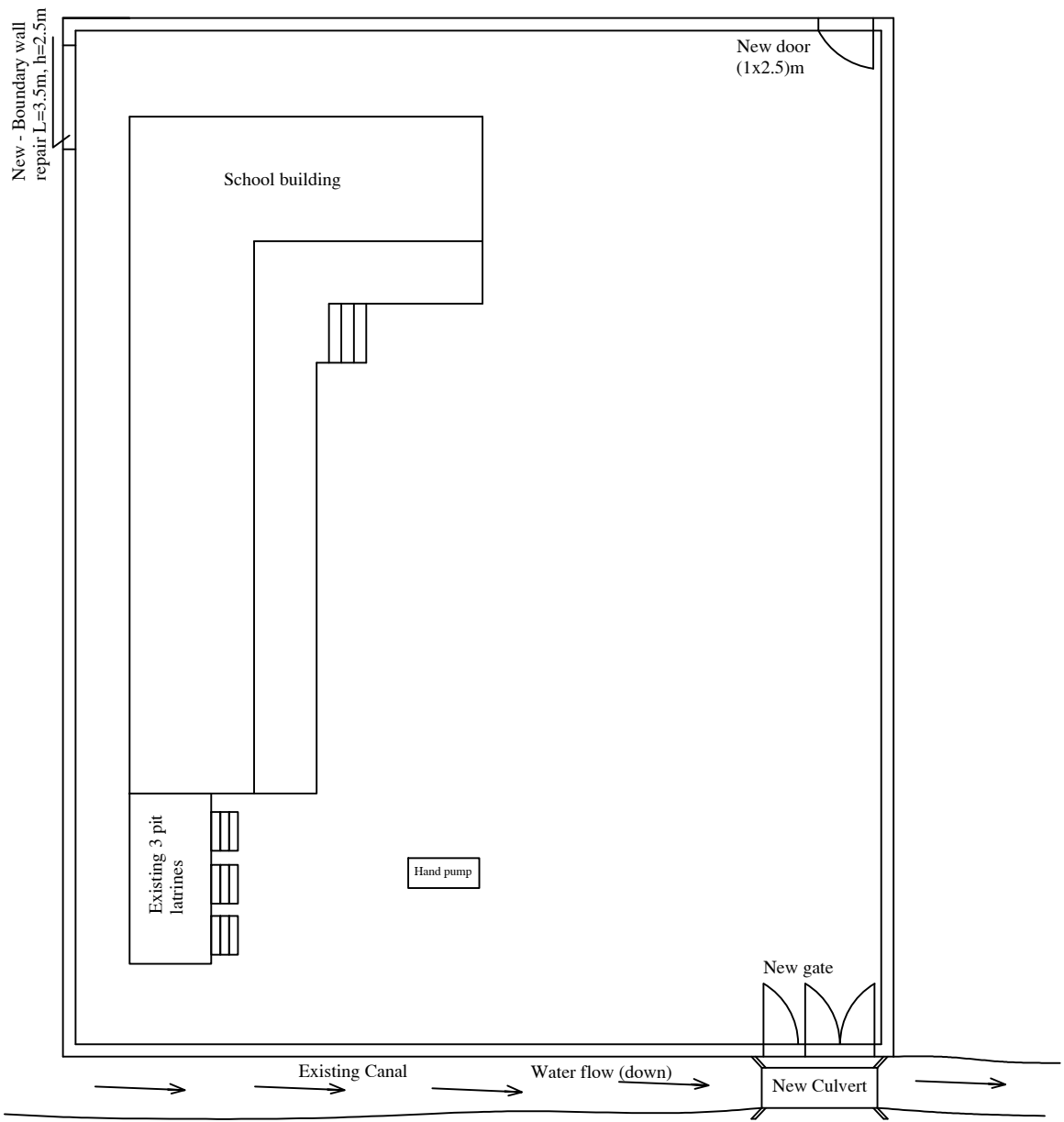
Stand Tap Section A - A



INTERNATIONAL RESCUE COMMITTEE	PROJECT LOCATION/ADDRESS		DRAWING TITLE	Drawn by Jawed Omar		Reviewed by		
ENVIRONMENTAL HEALTH DEPARTMENT	DISTRICT	SHIBAR		Sheet# 10		Name	Position title	Signature
BAMYAN FIELD OFFICE	SCHOOL NAME	Briglech Secondary School		Grant: EC533				
SIP SCHOOLS REPAIR/IMPROVEMETN	VILLAGE	Briglech		Units Centimeter	Scale			



Dwabi Secondary School Site Plan



- Planned Activities :**
1. Construction of culvert with clear span 2m
 2. Rehabilitation of boundary wall stone masonry
 3. Pointing of un-completed parts of stone masonry
 4. PCC on top of stone masonry
 5. Provide and installation of main gate of boundary wall
 6. Provide and installation of two doors for boundary wall



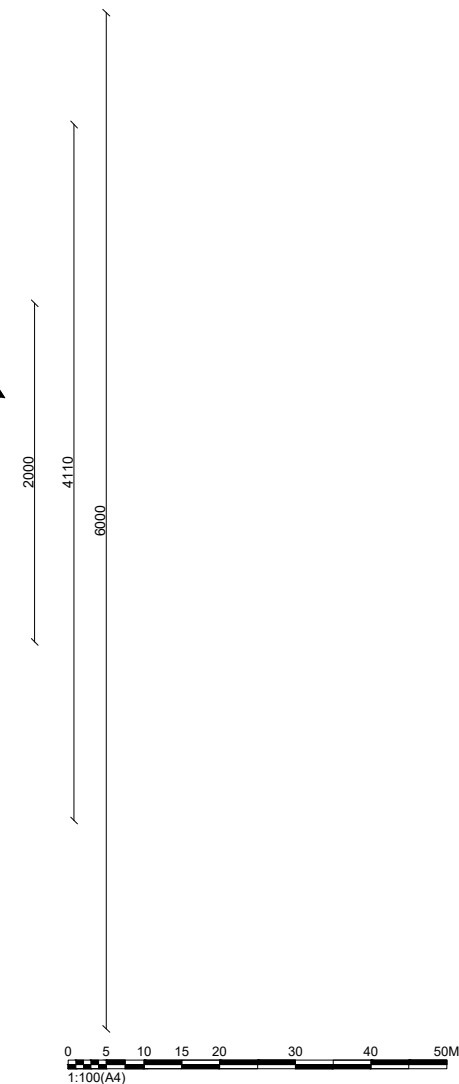
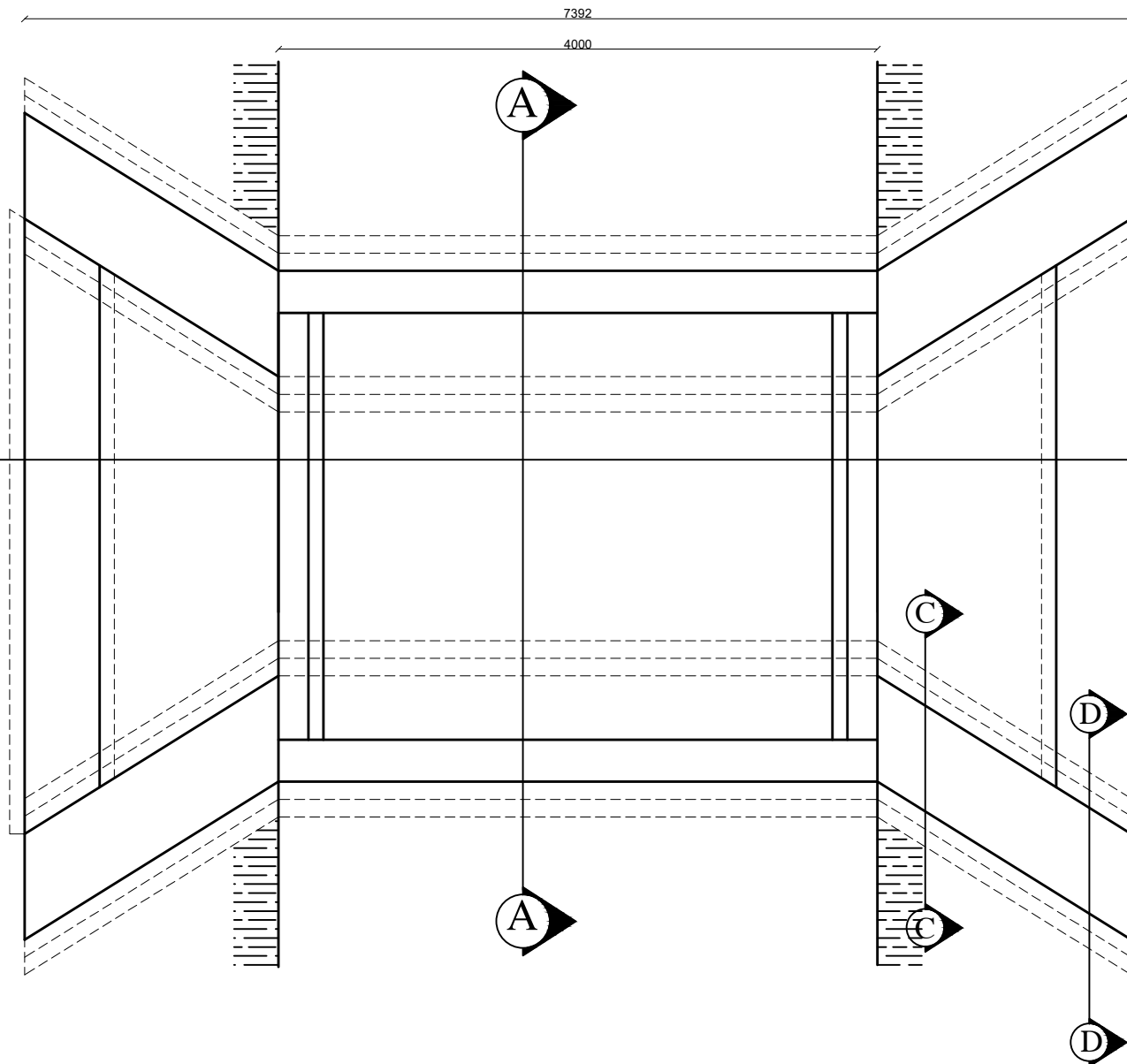
INTERNATIONAL RESCUE COMMITTEE
ENVIRONMENTAL HEALTH DEPARTMENT
BAMYAN FIELD OFFICE
SIP SCHOOLS REPAIR/IMPROVEMETN

PROJECT LOCATION/ADDRESS	
DISTRICT	SHIBAR
SCHOOL NAME	Dwabi Secondary School
VILLAGE	Dwabi

DRAWING TITLE
1- Site plan

Drawn by Jawed Omar	
Sheet# 11	
Grant: EC533	
Units	Scale
Centimeter	

Reviewed by		
Name	Position title	Signature



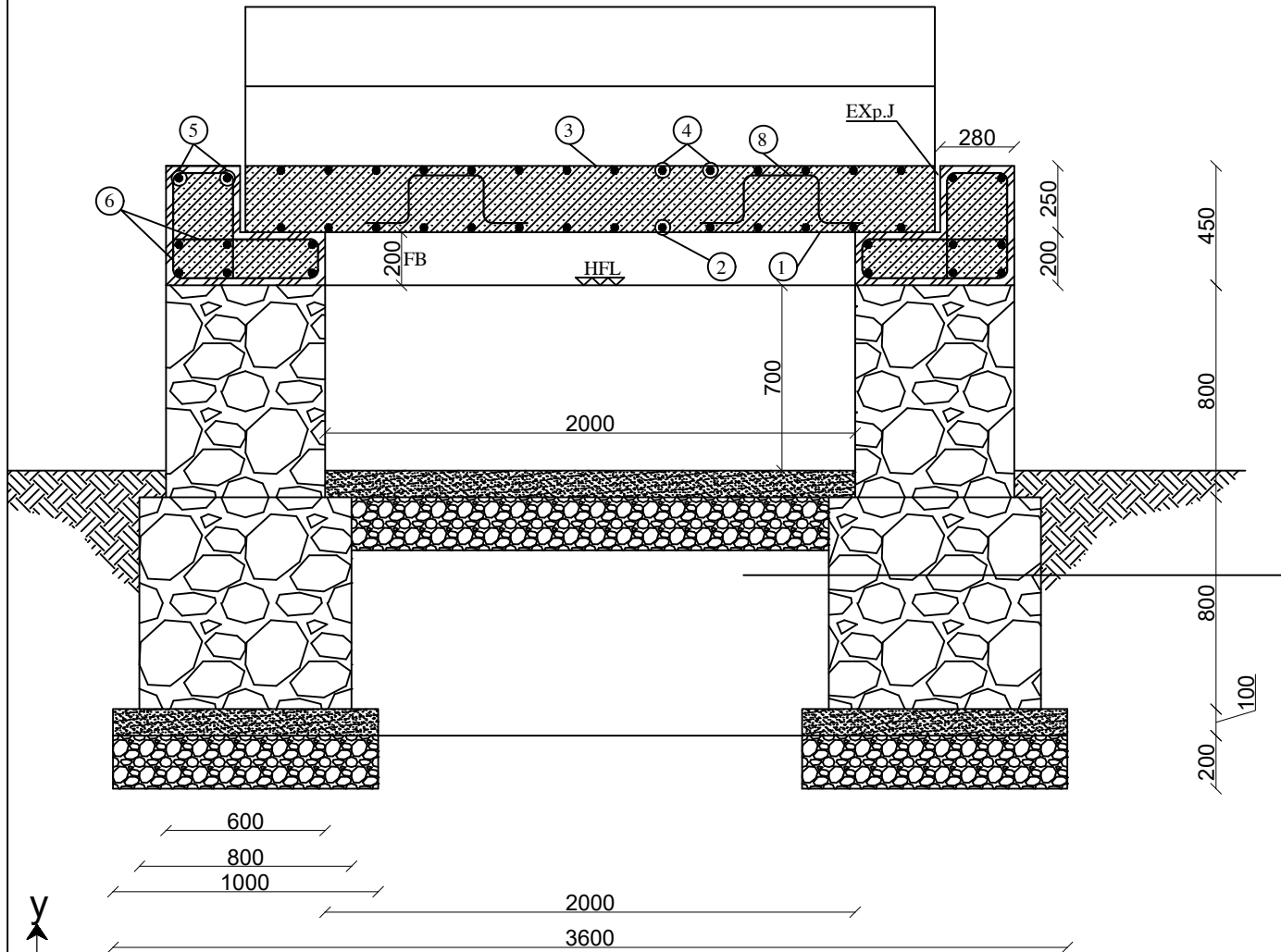
INTERNATIONAL RESCUE COMMITTEE
ENVIRONMENTAL HEALTH DEPARTMENT
BAMYAN FIELD OFFICE
SIP SCHOOLS REPAIR/IMPROVEMETN

PROJECT LOCATION/ADDRESS	
DISTRICT	SHIBAR
SCHOOL NAME	Dwabi Secondary School
VILLAGE	Dwabi

DRAWING TITLE
1- Culvert Plan

Drawn by Jawed Omar	
Sheet# 12	
Grant: EC533	
Units	Scale
mm	

Reviewed by		
Name	Position title	Signature



- ① $\phi 16\text{MM}$ @ 200MM C/C
- ② $\phi 10\text{MM}$ @ 200MM C/C
- ③ $\phi 10\text{MM}$ @ 250MM C/C
- ④ $\phi 10\text{MM}$ @ 250MM C/C
- ⑤ 10 @ 10MM C/C
- ⑥ 2 Legged Ring $\phi 6\text{mm}$ @ 200mm C/C
- ⑦ Spacers $\phi 10\text{mm}$ @ 2000mm C/C
- ⑧ 2 Legged Ring $\phi 6\text{mm}$ @ 200mm C/C
- ⑨ 4 $\phi 10\text{mm}$

Section A-A

0 5 10 15 20 30 40 50M
1:100(A4)



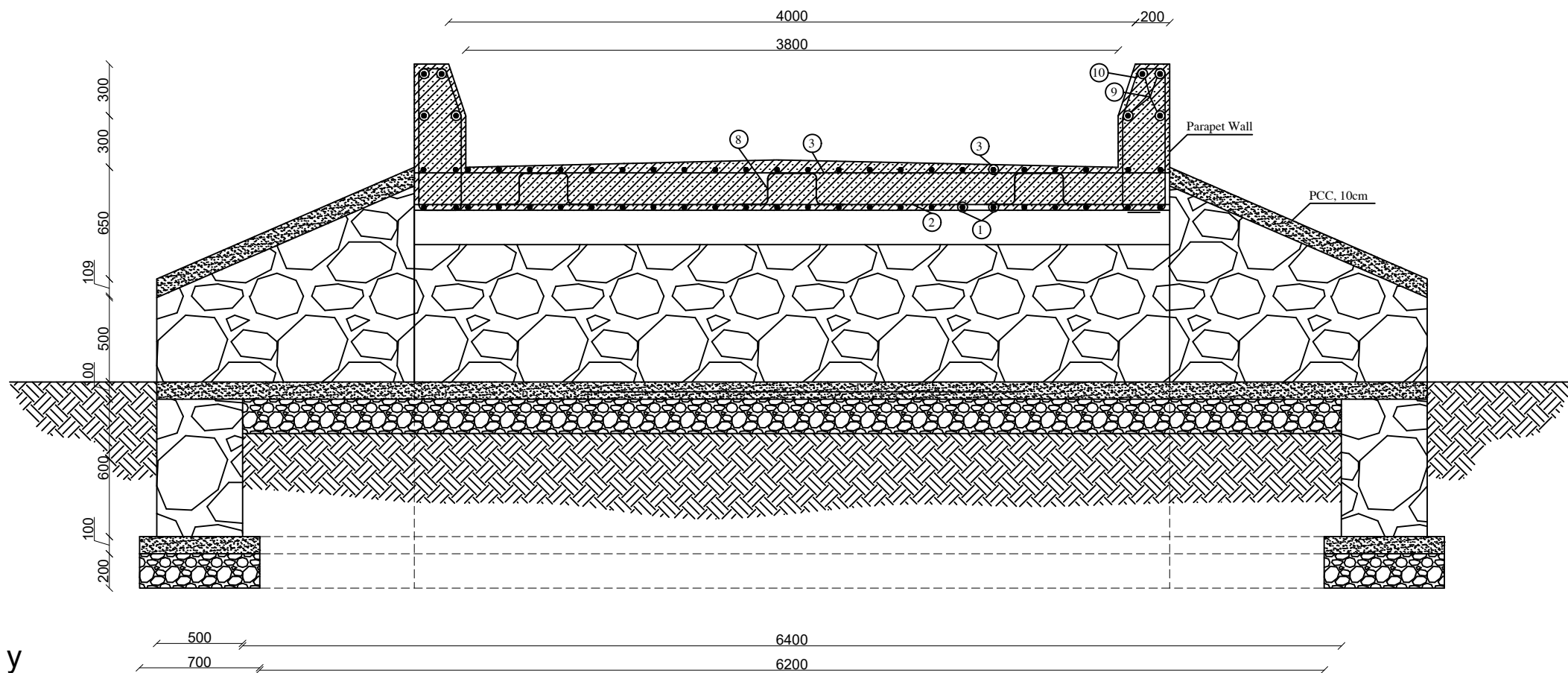
INTERNATIONAL RESCUE COMMITTEE
ENVIRONMENTAL HEALTH DEPARTMENT
BAMYAN FIELD OFFICE
SIP SCHOOLS REPAIR/IMPROVEMETN

PROJECT LOCATION/ADDRESS
DISTRICT SHIBAR
SCHOOL NAME Dwabi Secondary School
VILLAGE Dwabi

DRAWING TITLE
1- Culvert Section

Drawn by Jawed Omar
Sheet# 13
Grant: EC533
Units mm Scale

Reviewed by		
Name	Position title	Signature



Section B-B



INTERNATIONAL RESCUE COMMITTEE
ENVIRONMENTAL HEALTH DEPARTMENT
BAMYAN FIELD OFFICE
SIP SCHOOLS REPAIR/IMPROVEMETN

PROJECT LOCATION/ADDRESS
DISTRICT SHIBAR
SCHOOL NAME Dwabi Secondary School
VILLAGE Dwabi

DRAWING TITLE
1- Culvert section

Drawn by Jawed Omar
Sheet# 14
Grant: EC533
Units mm Scale 1:100

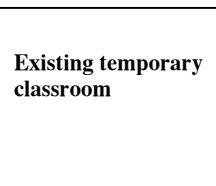
Reviewed by		
Name	Position title	Signature



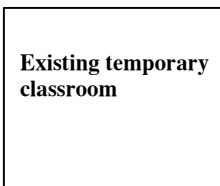
Sardeh-e Ghandak Primary School Site Plan



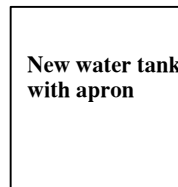
Water Source



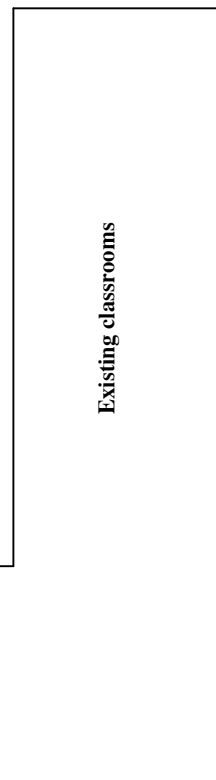
Existing temporary
classroom



Existing temporary
classroom



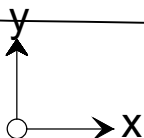
New water tank
with apron



Existing classrooms

Pipe line length from source to end point(school) = 220m

Village road



- Planned Activities :**
1. Provide and installation of water tank
 2. Construction of stone masonry apron for water tank
 3. Laying HDPE pipe from water source to water tank



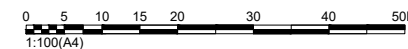
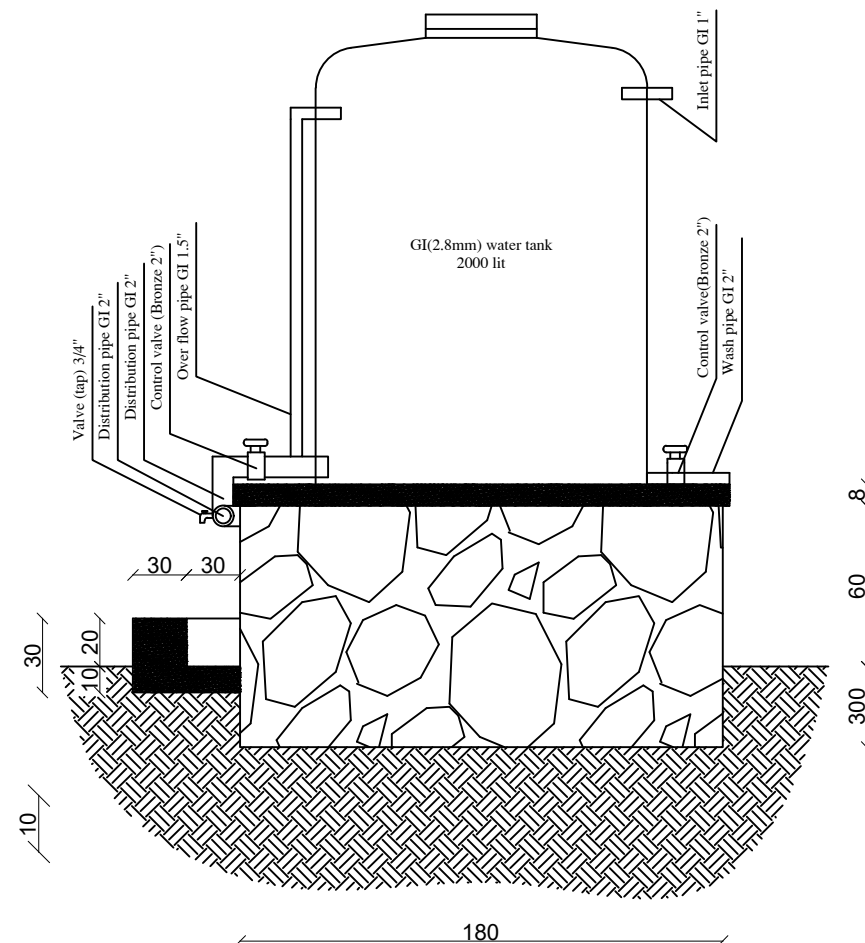
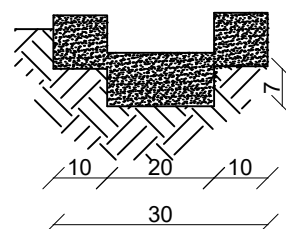
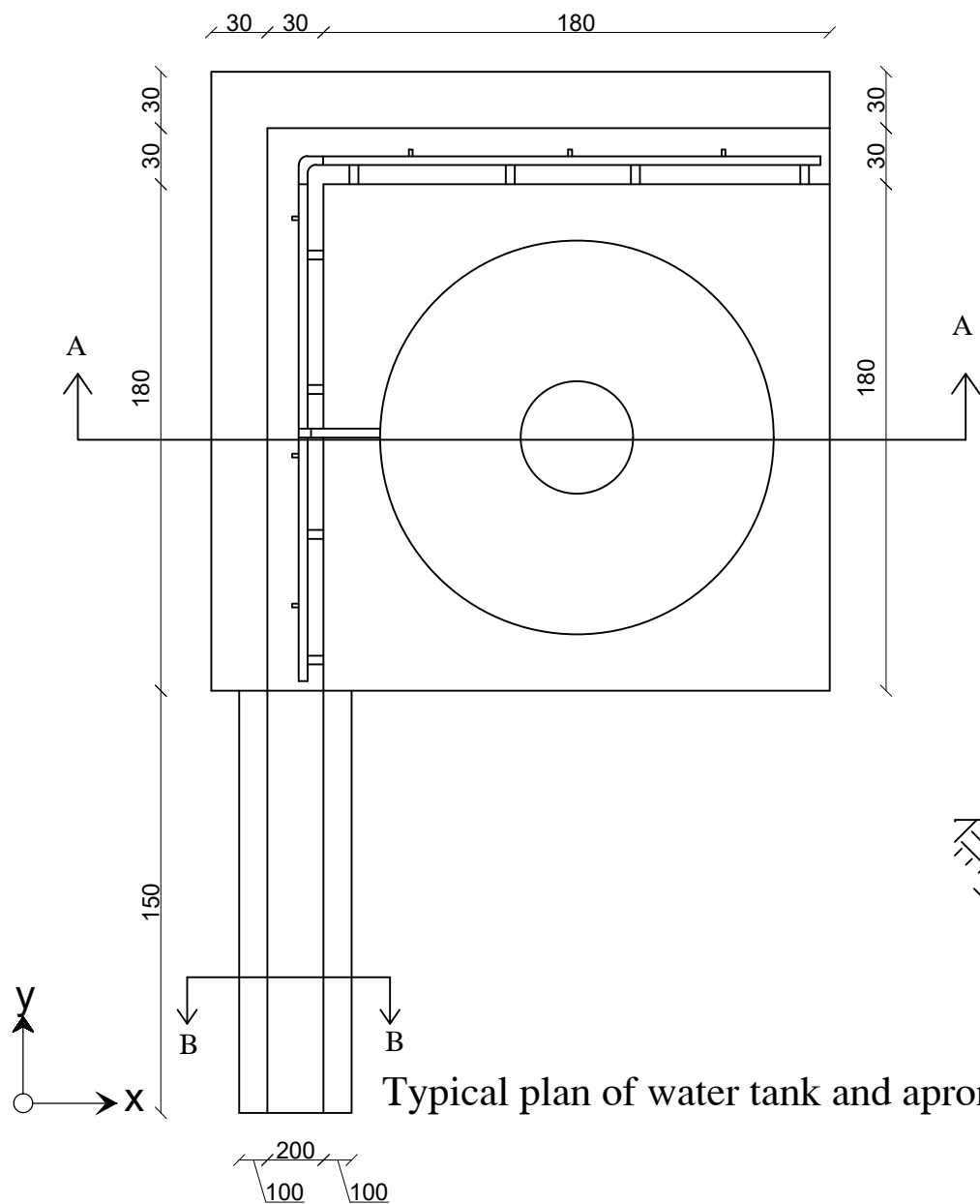
INTERNATIONAL RESCUE COMMITTEE
ENVIRONMENTAL HEALTH DEPARTMENT
BAMYAN FIELD OFFICE
SIP SCHOOLS REPAIR/IMPROVEMETN

PROJECT LOCATION/ADDRESS	
DISTRICT	SHIBAR
SCHOOL NAME	Sardeh-e Ghandak
VILLAGE	Sardeh-e Ghandak

DRAWING TITLE
1- Site plan

Drawn by Jawed Omar	
Sheet# 15	
Grant: EC533	
Units Centimeter	Scale 1:100

Reviewed by		
Name	Position title	Signature



INTERNATIONAL RESCUE COMMITTEE
ENVIRONMENTAL HEALTH DEPARTMENT
BAMYAN FIELD OFFICE
SIP SCHOOLS REPAIR/IMPROVEMETN

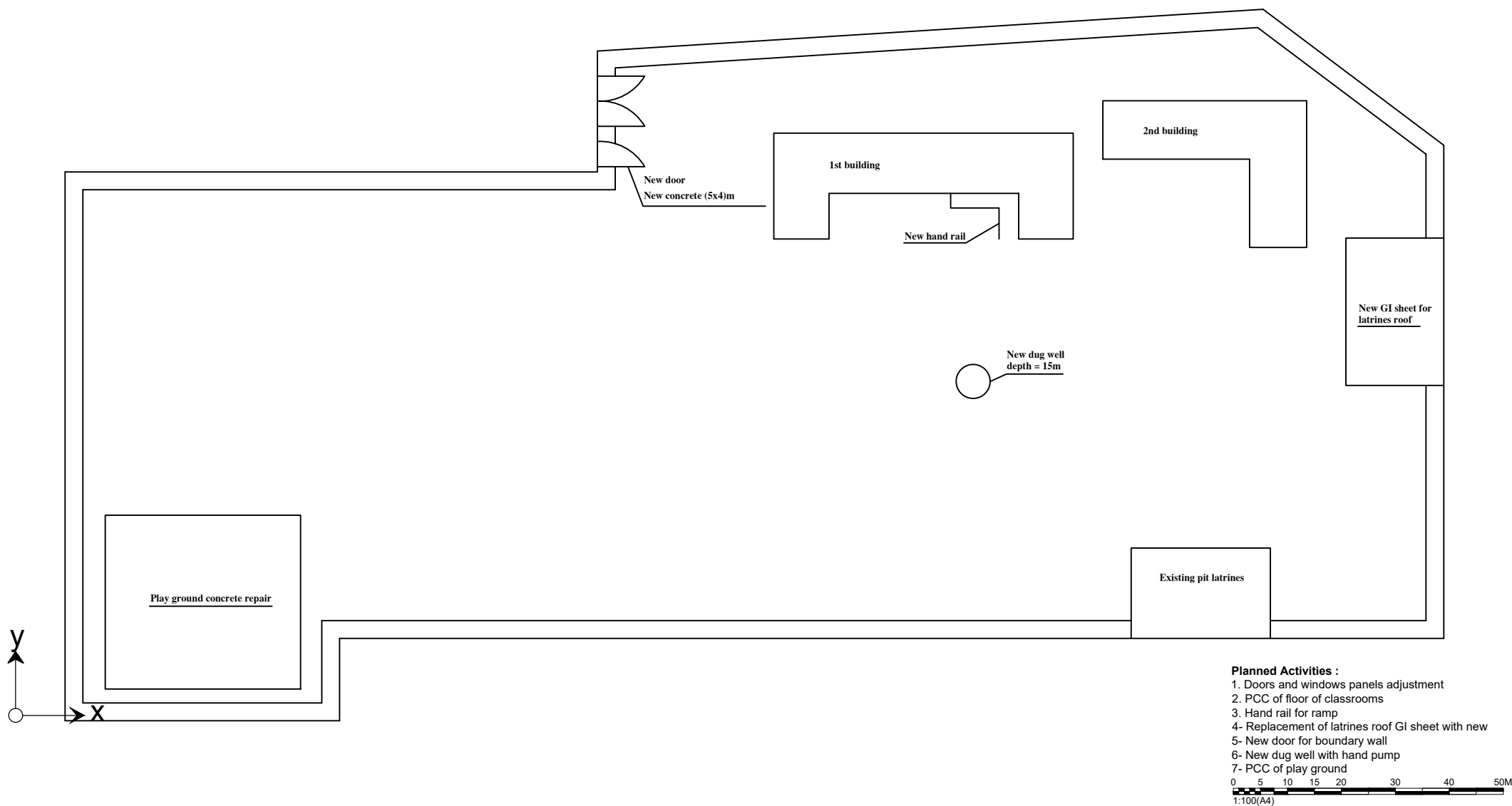
PROJECT LOCATION/ADDRESS	
DISTRICT	SHIBAR
SCHOOL NAME	Sardeh Secondary School
VILLAGE	Sardeh-e Ghandak

DRAWING TITLE	Drawn by Jawed Omar	
1- Water tank 2- Apron section	Sheet# 16	
	Grant: EC533	
	Units mm	Scale

Reviewed by		
Name	Position title	Signature



Ghorab High School Site Plan



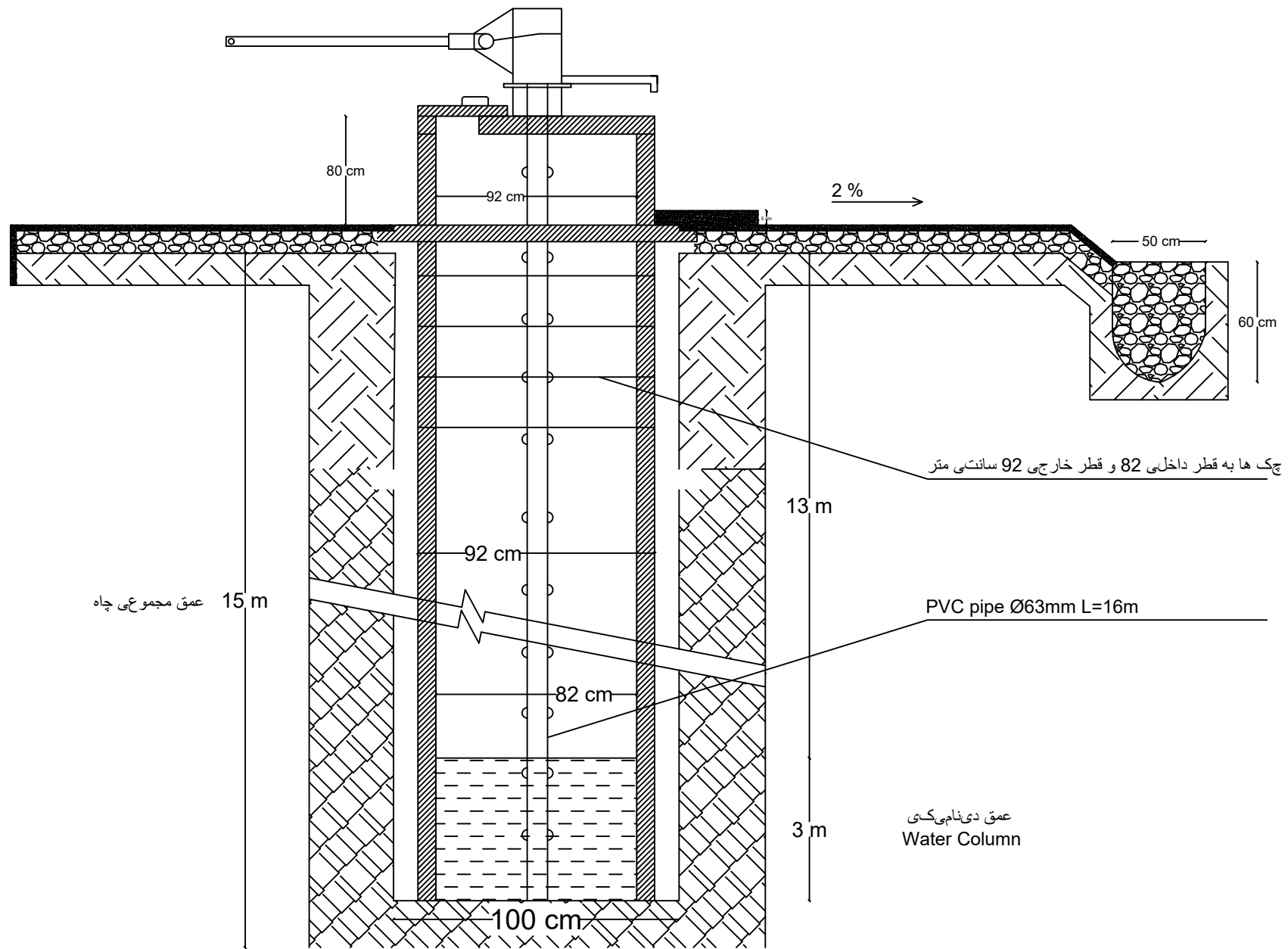
INTERNATIONAL RESCUE COMMITTEE
ENVIRONMENTAL HEALTH DEPARTMENT
BAMYAN FIELD OFFICE
SIP SCHOOLS REPAIR/IMPROVEMETN

PROJECT LOCATION/ADDRESS
DISTRICT SAIGHAN
SCHOOL NAME Ghorab High School
VILLAGE Ghorab

DRAWING TITLE
1- Site plan

Drawn by Jawed Omar
Sheet# 17
Grant: EC533
Units Scale

Reviewed by
Name Position title Signature



INTERNATIONAL RESCUE COMMITTEE
ENVIRONMENTAL HEALTH DEPARTMENT
BAMYAN FIELD OFFICE
SIP SCHOOLS REPAIR/IMPROVEMETN

PROJECT LOCATION/ADDRESS
DISTRICT SAIGHAN
SCHOOL NAME Ghorab High School
VILLAGE Ghorab

DRAWING TITLE

1- Dug well section

Drawn by Jawed Omar

Sheet# 18

Grant: EC533

Units

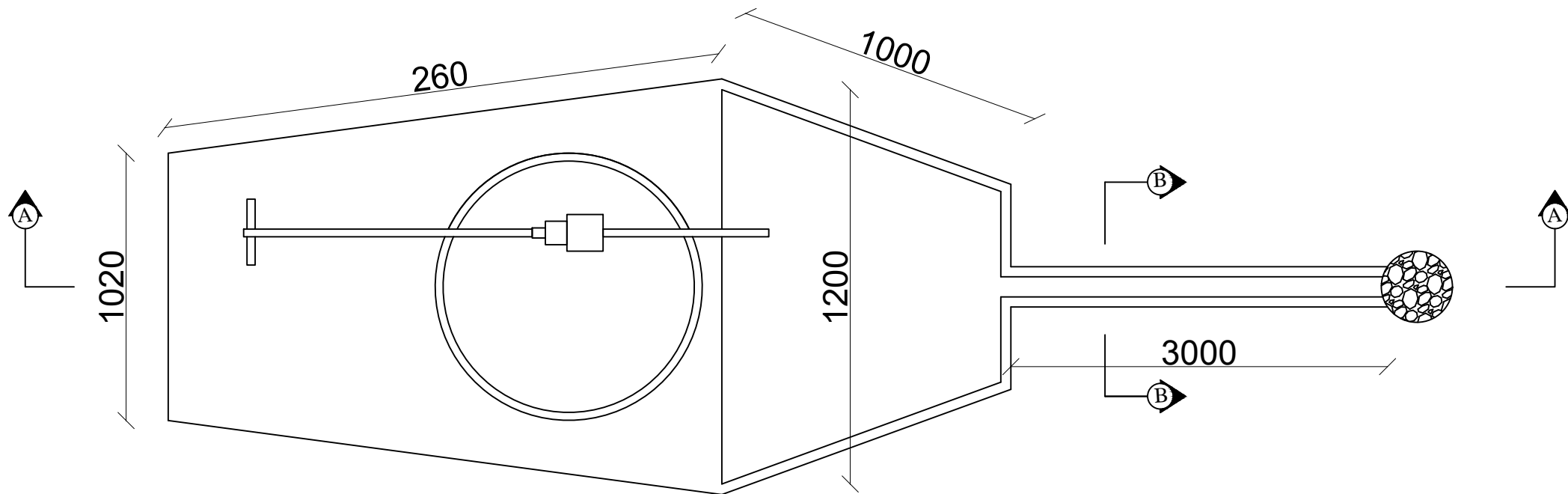
Scale

Reviewed by

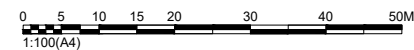
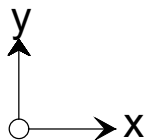
Name

Position title

Signature



Hand Pump Apron Plan



INTERNATIONAL RESCUE COMMITTEE
ENVIRONMENTAL HEALTH DEPARTMENT
BAMYAN FIELD OFFICE
SIP SCHOOLS REPAIR/IMPROVEMETN

PROJECT LOCATION/ADDRESS	
DISTRICT	SAIGHAN
SCHOOL NAME	Ghorab High School
VILLAGE	Ghorab

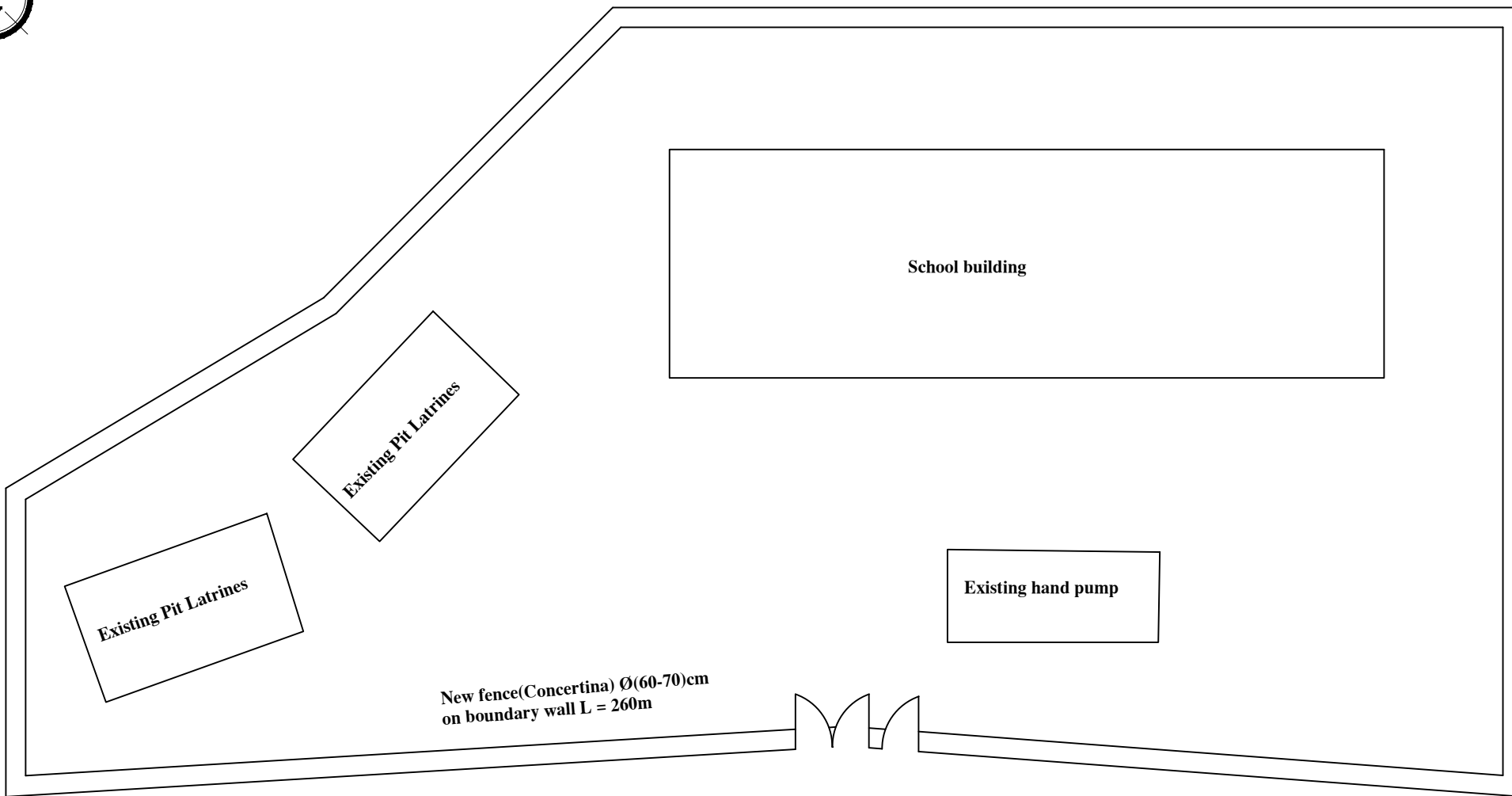
DRAWING TITLE
1- Dug well section

Drawn by Jawed Omar	
Sheet# 19	
Grant: EC533	
Units	Scale

Reviewed by		
Name	Position title	Signature



Qarawna Girls High School Site Plan



Planned Activities :

1. Repairing and adjustment of doors and windows
2. Repairing the damaged parts of PCC(walk way and ramp)
3. Re-fixing and supporting the existing hand rail of ramps
- 4- Fens(Concertina) on boundary wall
- 5- Pointing of damaged parts of existing pointing
- 6- Repairing of damaged parts of boundary wall main gate

0 5 10 15 20 30 40 50M
1:100(A4)



INTERNATIONAL RESCUE COMMITTEE
ENVIRONMENTAL HEALTH DEPARTMENT
BAMYAN FIELD OFFICE
SIP SCHOOLS REPAIR/IMPROVEMETN

PROJECT LOCATION/ADDRESS	
DISTRICT	SAIGHAN
SCHOOL NAME	Qarawna Girls High School
VILLAGE	Qarawna

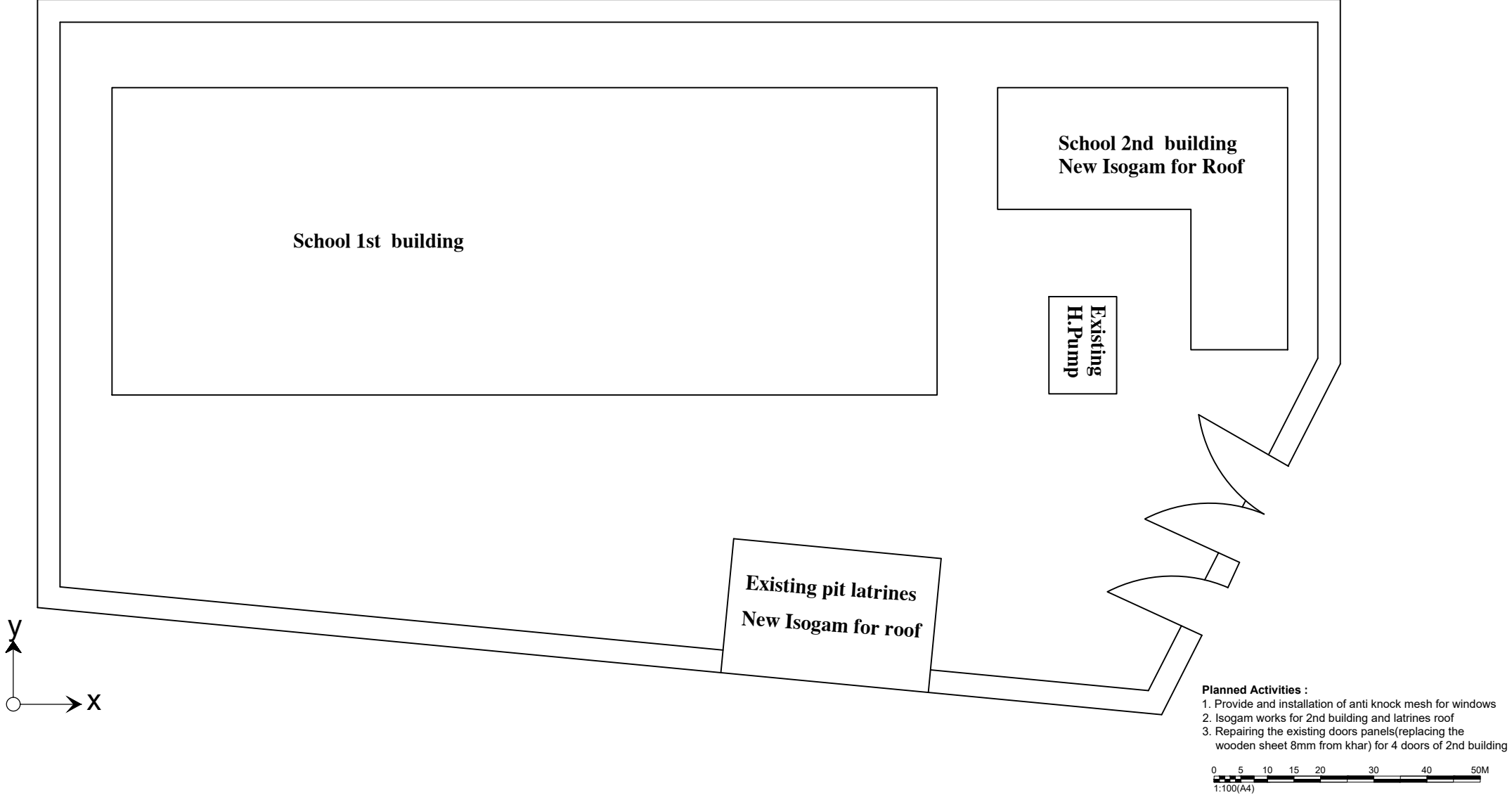
DRAWING TITLE
1- Site plan

Drawn by Jawed Omar	
Sheet# 20	
Grant: EC533	
Units	Scale

Reviewed by		
Name	Position title	Signature



Ab Dara-e Begal high School Site Plan



INTERNATIONAL RESCUE COMMITTEE		PROJECT LOCATION/ADDRESS		DRAWING TITLE		Drawn by Jawed Omar		Reviewed by		
ENVIRONMENTAL HEALTH DEPARTMENT		DISTRICT	SAIGHAN	1- Site plan		Sheet# 21		Name	Position title	Signature
BAMYAN FIELD OFFICE		SCHOOL NAME	Ab Dara-e High School			Grant: EC533				
SIP SCHOOLS REPAIR/IMPROVEMETN		VILLAGE	Ab Dara-e Begal			Units	Scale			



Begal high School Site Plan

Existing pit latrines
New Isogam for Roof

Existing apron of stand taps

Existing play ground
New-PCC repair

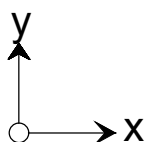
School building
New-installation of mesh for windows, painting of black board

New-Fence(Concertina) Ø60-70cm on boundary wall

Planned Activities :

1. Provide and installation of anti knock mesh for windows
2. Isogam works for latrines roof
3. Repairing of play ground and walk way PCC
- 4- Painting of black boards
- 5- Surface leveling of site by size(30x5)m with slope to prevent water entrance to building foundation
- 6- Provide and installation of concertina fence on boundary wall

0 5 10 15 20 30 40 50M
1:100(A4)



01 SITE PLAN

(ST-01-17) SCALE. 1:150



INTERNATIONAL RESCUE COMMITTEE
ENVIRONMENTAL HEALTH DEPARTMENT
BAMYAN FIELD OFFICE
SIP SCHOOLS REPAIR/IMPROVEMETN

PROJECT LOCATION/ADDRESS	
DISTRICT	SAIGHAN
SCHOOL NAME	Begal High School
VILLAGE	Begal

DRAWING TITLE

1- Site plan

Drawn by Jawed Omar

Sheet# 22

Grant: EC533

Units

Scale

Reviewed by

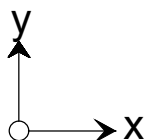
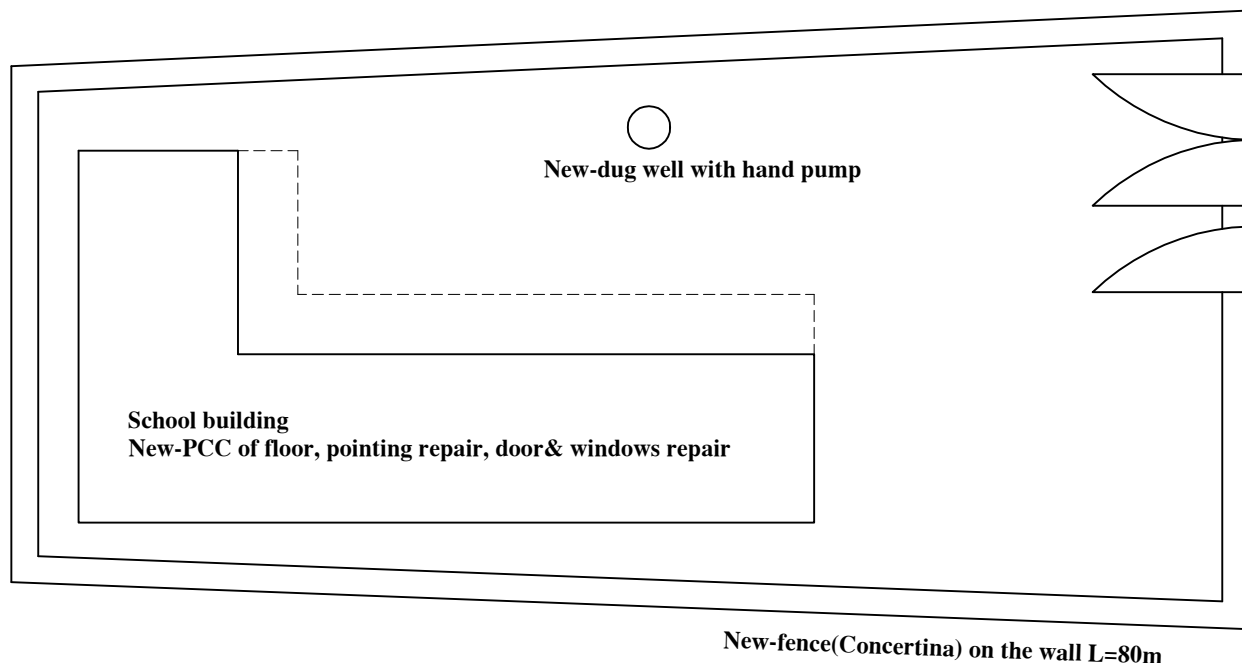
Name

Position title

Signature



Poshtawaz School Site Plan



Planned Activities :

1. Digging of new dug well with hand pump
2. Provide and installation of anti-knock mesh for windows
3. Removal and re-cast of floor PCC
- 4- Concertina fence on boundary wall L=80m
- 5- Repairing of wooden doors and windows
- 6- Provide and installation of new main gate for boundary wall
- 6- Repairing of existing latrines according to BoQ



INTERNATIONAL RESCUE COMMITTEE
ENVIRONMENTAL HEALTH DEPARTMENT
BAMYAN FIELD OFFICE
SIP SCHOOLS REPAIR/IMPROVEMETN

PROJECT LOCATION/ADDRESS	
DISTRICT	SAIGHAN
SCHOOL NAME	Poshtawaz Secondary School
VILLAGE	Poshtawaz

DRAWING TITLE

1- Site plan

Drawn by Jawed Omar

Sheet# 23

Grant: EC533

Units

Scale

Reviewed by

Name	Position title	Signature

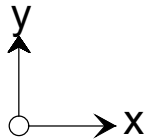


Ghorawchi Secondary School Site Plan

**Guard room
Anti-knock mesh
for windows**

**School building
New- Repairing of doors, anti-knock mesh, metal doors for
main corridor**

**Existing latrines
New- repairing of doors and
waste system**



Planned Activities :

1. Provide and installation of new metal(profile) doors for main corridor
2. Provide and installation of anti-knock mesh for windows
3. Repairing of wooden doors
- 4- Painting of existing black board
- 5- Repair of existing latrine door(replacing the wooden board with 8mm from Khar)
- 6- Repairing of existing waste system of latrines(repair of GI pipe, clearance of absorb wells that filled by flood.

0 5 10 15 20 30 40 50M
1:100(A4)



INTERNATIONAL RESCUE COMMITTEE
ENVIRONMENTAL HEALTH DEPARTMENT
BAMYAN FIELD OFFICE
SIP SCHOOLS REPAIR/IMPROVEMETN

PROJECT LOCATION/ADDRESS	
DISTRICT	SAIGHAN
SCHOOL NAME	Ghorawchi Secondary School
VILLAGE	Ghorawchi

DRAWING TITLE

1- Site plan

Drawn by Jawed Omar	
Sheet# 24	
Grant: EC533	
Units	Scale

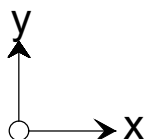
Reviewed by		
Name	Position title	Signature



Bayani&Ashania High School Site Plan

Existing latrines

School building
New- Repairing of doors, students chair, Isogam and stucco works



Planned Activities :

1. Provide and installation Isogam for damaged parts of the roof
2. Stucco works for damaged parts of the ceiling
3. Repairing of wooden doors
- 4- Repairing of students chair
- 5- Provide and installation of hand rail for remaining parts of the stairs
- 6- Provide and installation of GI sheet 24 gauge for construction joint

0 5 10 15 20 30 40 50M
1:100(A4)



INTERNATIONAL RESCUE COMMITTEE
ENVIRONMENTAL HEALTH DEPARTMENT
BAMYAN FIELD OFFICE
SIP SCHOOLS REPAIR/IMPROVEMETN

PROJECT LOCATION/ADDRESS
DISTRICT SAIGHAN
SCHOOL NAME Bayani and Ashania Secondary School
VILLAGE Bayani and Ashania

DRAWING TITLE

1- Site plan

Drawn by Jawed Omar

Sheet# 25

Grant: EC533

Units

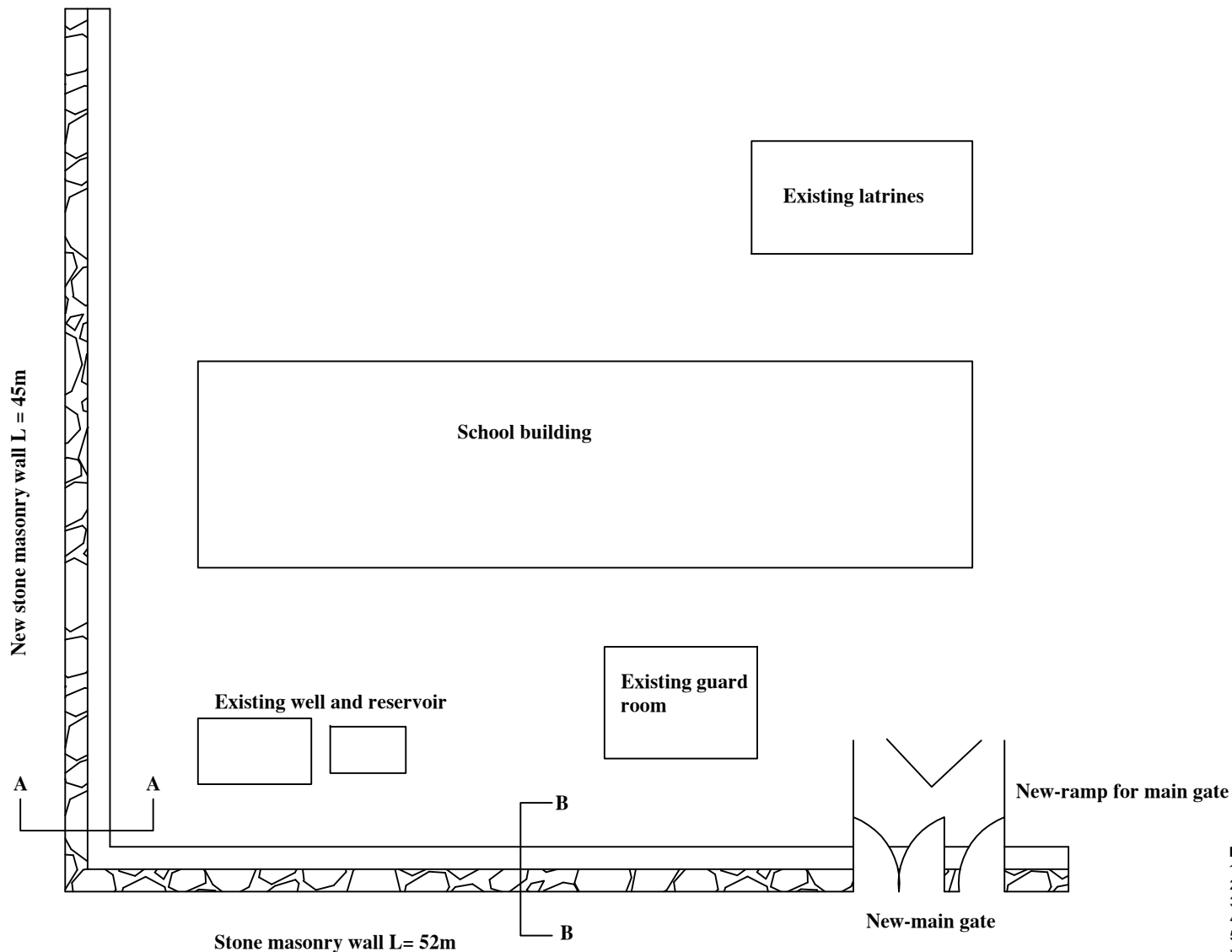
Scale

Reviewed by

Name

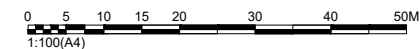
Position title

Signature



Planned Activities :

1. Provide and installation of new metal(profile) doors for main corridor
2. Provide and installation of anti-knock mesh for windows
3. Repairing of wooden doors
- 4- Painting of existing black board
- 5- Repair of existing latrine door(replacing the wooden board with 8mm from Khar)
- 6- Repairing of existing waste system of latrines(repair of GI pipe, clearance of absorb wells that filled by flood.



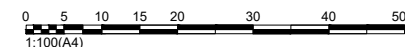
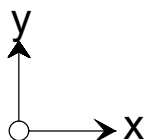
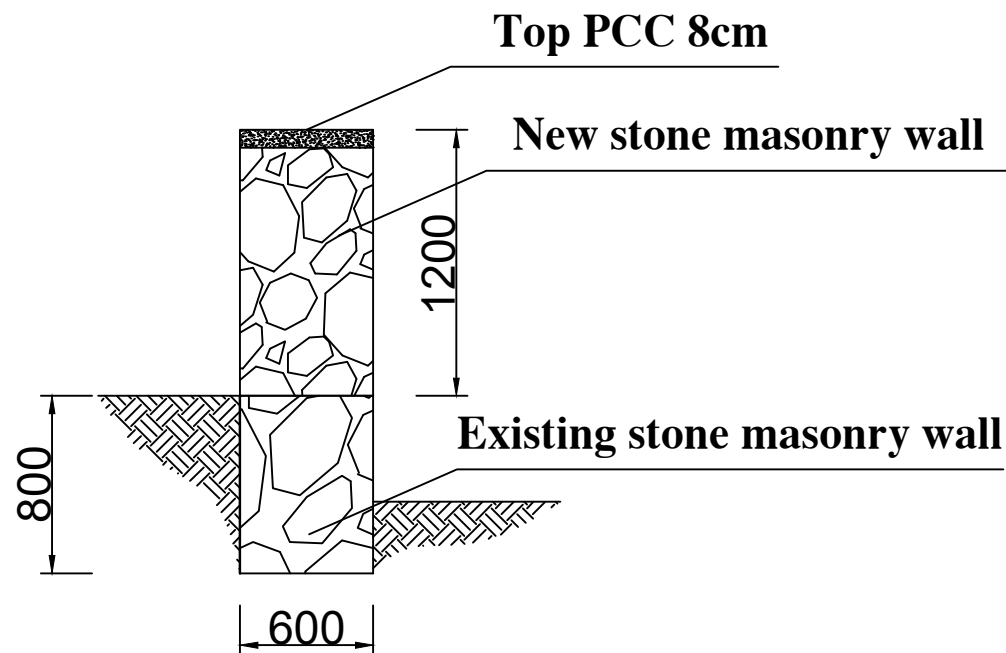
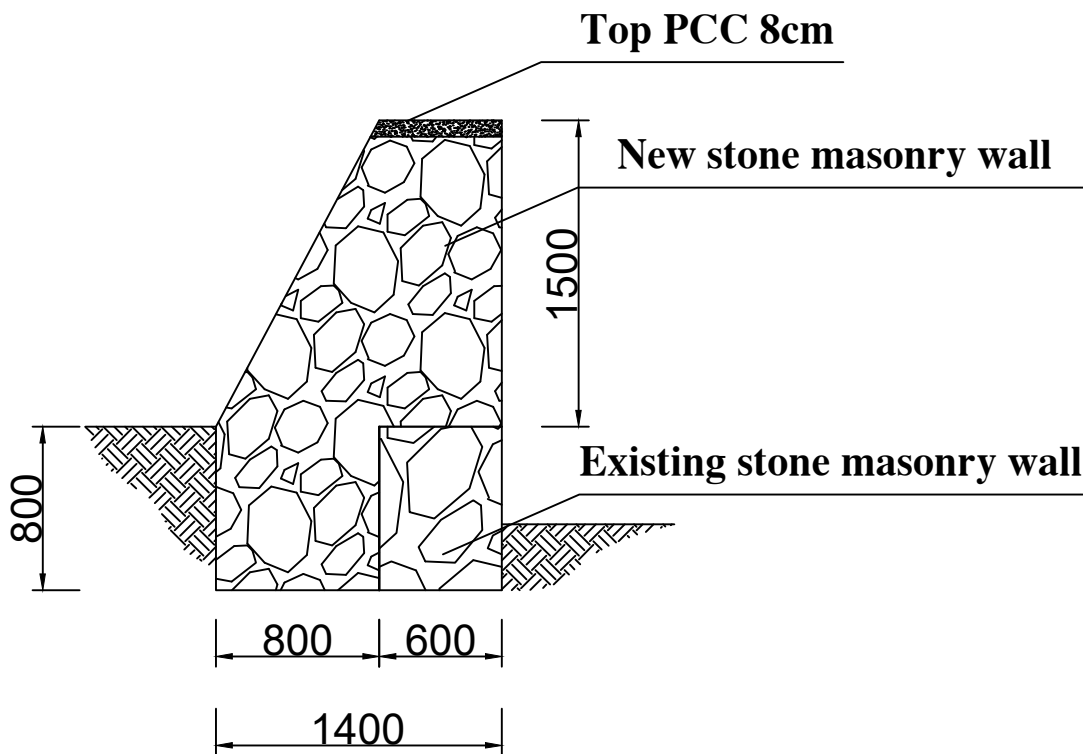
INTERNATIONAL RESCUE COMMITTEE
ENVIRONMENTAL HEALTH DEPARTMENT
BAMYAN FIELD OFFICE
SIP SCHOOLS REPAIR/IMPROVEMETN

PROJECT LOCATION/ADDRESS	
DISTRICT	SAIGHAN
SCHOOL NAME	Pishing High School
VILLAGE	Pishing

DRAWING TITLE
1- Site plan

Drawn by Jawed Omar	
Sheet# 26	
Grant: EC533	
Units	Scale

Reviewed by		
Name	Position title	Signature



INTERNATIONAL RESCUE COMMITTEE
ENVIRONMENTAL HEALTH DEPARTMENT
BAMYAN FIELD OFFICE
SIP SCHOOLS REPAIR/IMPROVEMETN

PROJECT LOCATION/ADDRESS	
DISTRICT	SAIGHAN
SCHOOL NAME	Pishing High School
VILLAGE	Pishing

DRAWING TITLE
1- New wall section

Drawn by Jawed Omar	
Sheet# 27	
Grant: EC533	
Units	Scale

Reviewed by		
Name	Position title	Signature



School building
New - PCC of floor, repairing of doors and
windows, installing glass,
installing of anti-knock mesh for windows

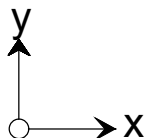
Existing latrine
Repairing of waste system

New stone masonry retaining wall
L = 35m

Flood water stream

A

A



Planned Activities :

1. Construction of new stone masonry wall against flood L=35
2. Provide and installation of anti-knock mesh for windows
3. Repairing of wooden doors
- 4- Painting of existing black board
- 5- Repairing of existing waste system of latrines(repair of GI pipe, clearance of absorb wells that filled by flood.
- 6- PCC of floors of classrooms

0 5 10 15 20 30 40 50M
1:100(A4)



INTERNATIONAL RESCUE COMMITTEE
ENVIRONMENTAL HEALTH DEPARTMENT
BAMYAN FIELD OFFICE
SIP SCHOOLS REPAIR/IMPROVEMETN

PROJECT LOCATION/ADDRESS
DISTRICT SAIGHAN
SCHOOL NAME Cheraghan Secondary School
VILLAGE cheraghan

DRAWING TITLE

1- Site plan

Drawn by Jawed Omar

Sheet# 28

Grant: EC533

Units

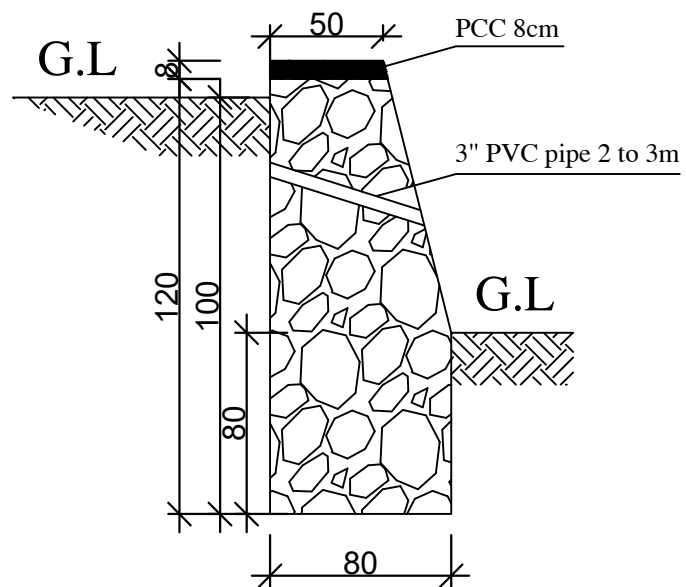
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Reviewed by

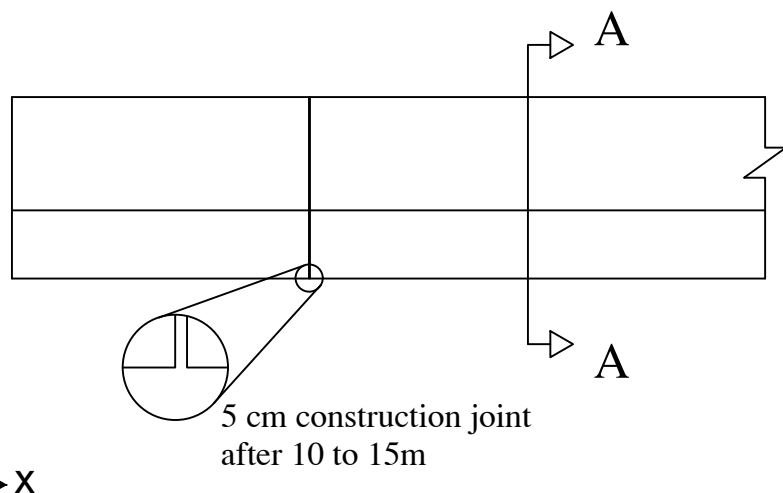
Name

Position title

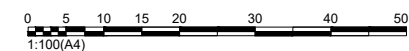
Signature



Section A-A



Retaining wall plan
L = 28m



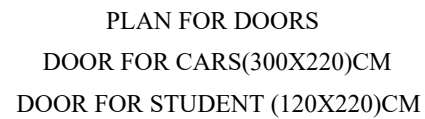
INTERNATIONAL RESCUE COMMITTEE
ENVIRONMENTAL HEALTH DEPARTMENT
BAMYAN FIELD OFFICE
SIP SCHOOLS REPAIR/IMPROVEMETN

PROJECT LOCATION/ADDRESS	
DISTRICT	SAIGHAN
SCHOOL NAME	Cheraghan Secondary School
VILLAGE	cheraghan

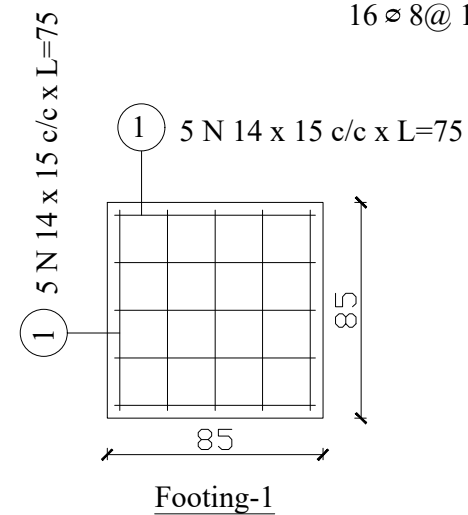
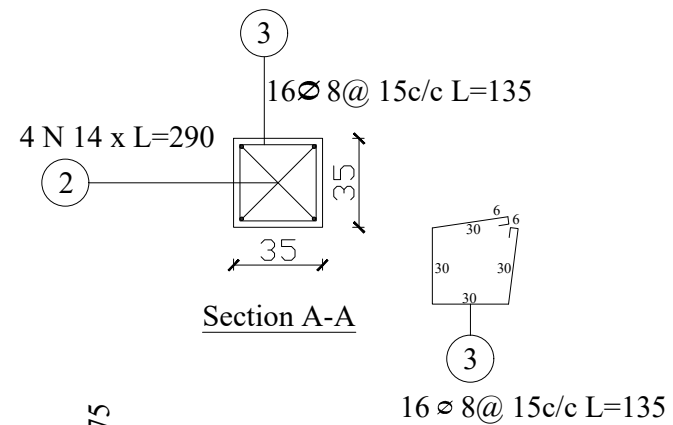
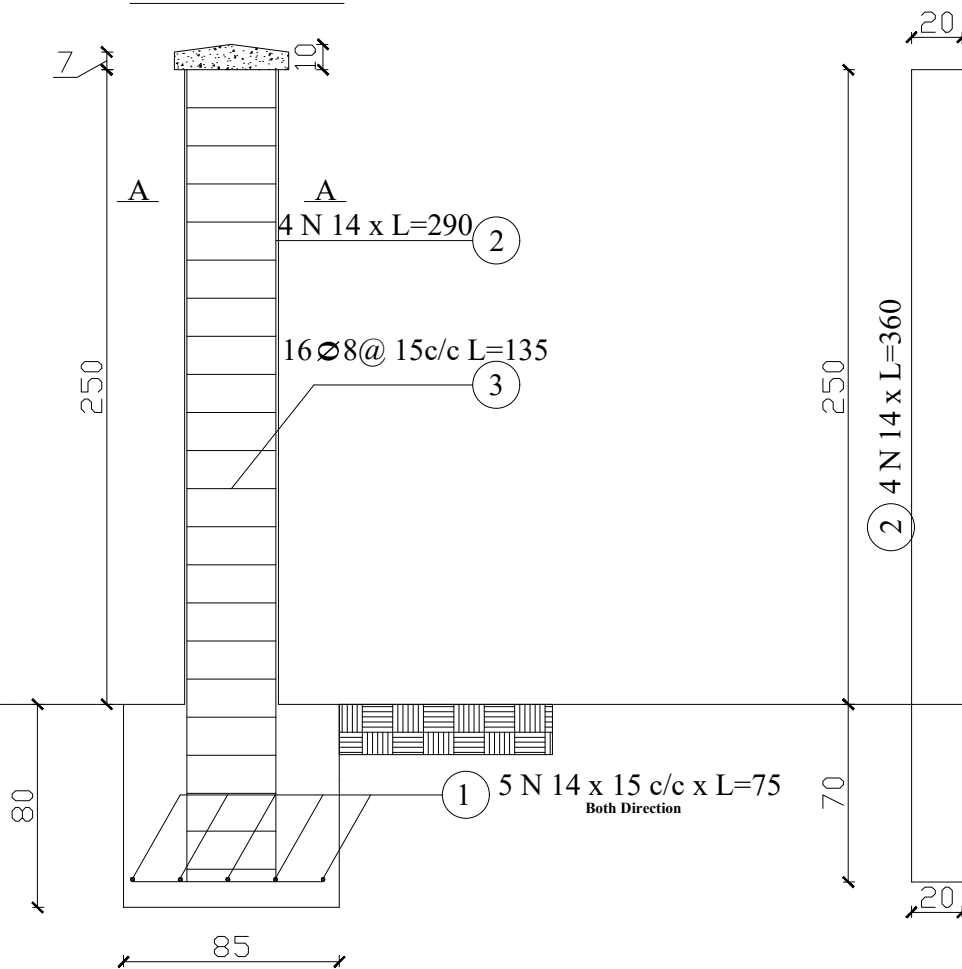
DRAWING TITLE
1- Site plan

Drawn by Jawed Omar	
Sheet# 29	
Grant: EC533	
Units	Scale

Reviewed by		
Name	Position title	Signature



Column-1 /Nos-3



MINISTRY OF EDUCATION DEPARTMENT
OF CONSTRUCTION



PROTOTYPE SCHOOL DESIGN IN
AFGHANISTAN

ARCHITECT/DESIGN
PREPLANNED &
CHECKED BY
TECH- APPROVED BY

M.DARWISH
DAARTT

Combined technical
team
SCALE

MOE/MRRD/DAARTT
AS SHOWN (A3)

PROJECT NAME
DRAWING TITLE

BRICK MASONRY BOUNDARY WALL
COLUMN FOOTING

SHEET NO.

A5
5

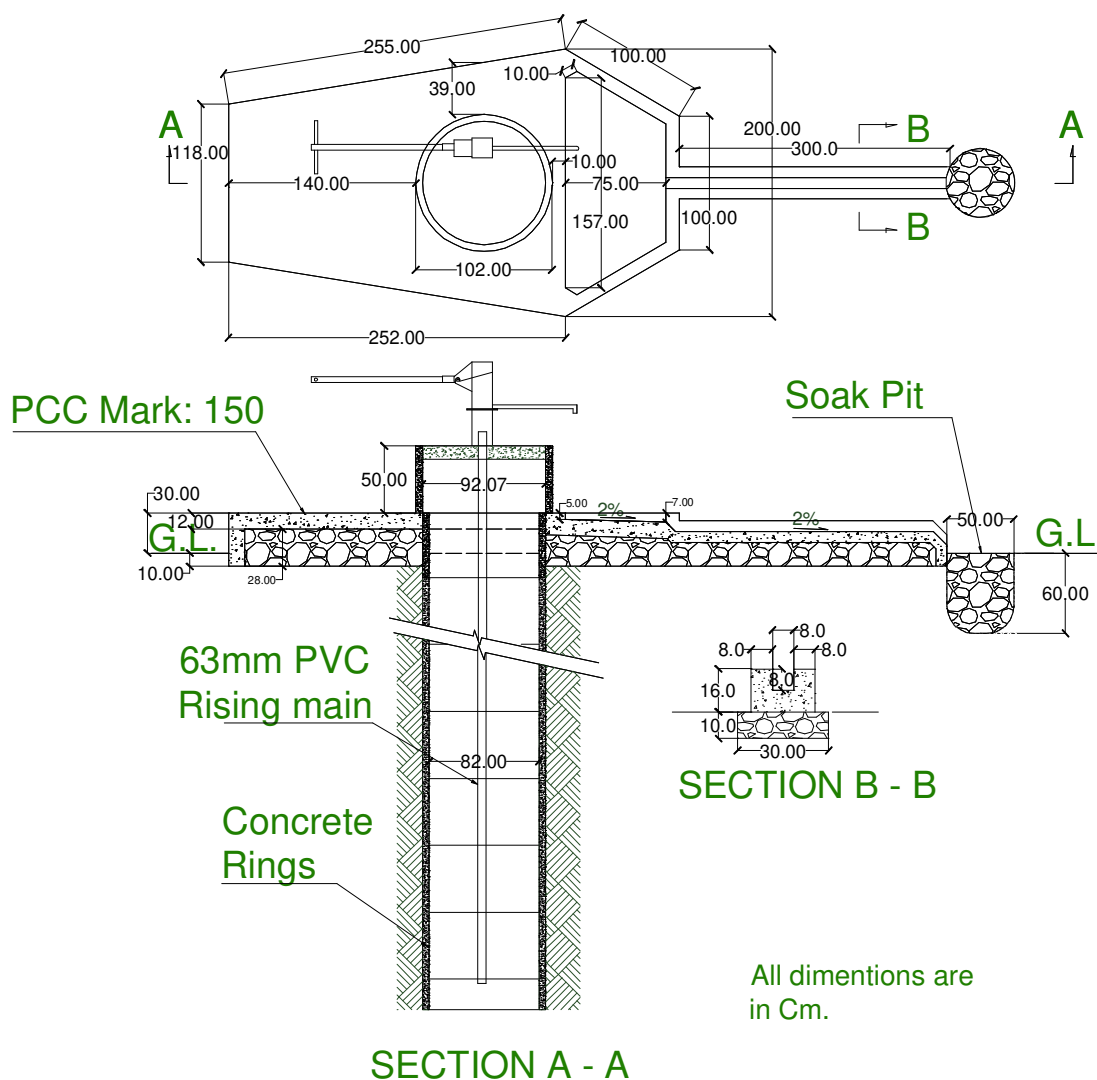


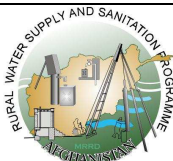
Guideline No.2 on:Dugwell Design.

DUG WELL WITH HAND PUMP:

General Description:

Guideline standard design to be used for hand dug well fitted with handpumps.
The drawing below shows the main components only.
The BoQ and work specifications are indicated on next page.





Guideline No.2 on:Dugwell Design.

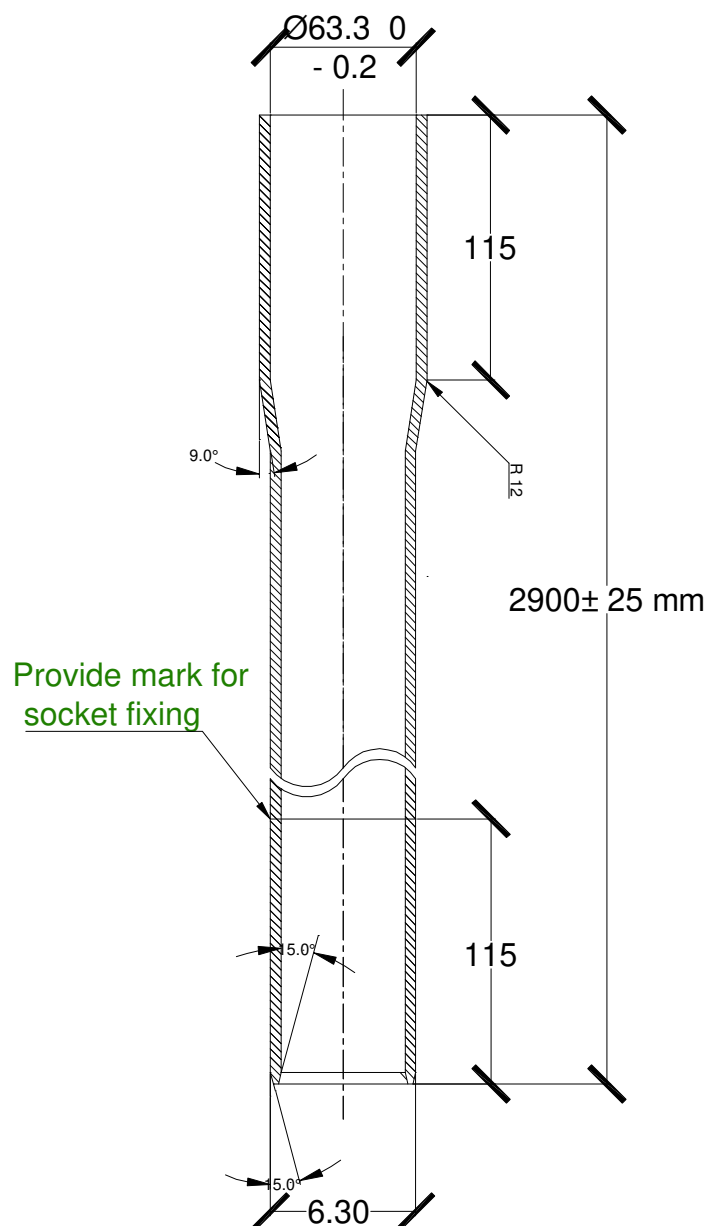
Work Specifications:

1. Concrete rings are needed for lining of unstable stratum only. Stable soil do not need lining. The concrete rings are reinforced with three loops of 3mm GI wire M:100. They should be installed with proper back filling and vertical alignment. The number of concrete rings for well lining are based on depth of unstable stratum in a well.
2. Each well should be equipped with one topring at the mouth of well.
3. Rising main, PVC 63 mm dia.(Fig.1). (Class – E) B.S.3505 – 1968. Length of PVC rising main are based on well depths.
4. The vertical alignment for rising main in wells should be supported with the iron clamps.
5. Type of handpump is depending on the depth of well.
 - Afridev / Kabul handpump for depth less than 15m.
 - Afridev / Indus handpump for depth beyond 15m.
6. The minimum water column in a dug well should be 4m in wet season and 2m in dry season.
7. The concrete for apron and drainage flum should be Plain Cement Concret (PCC) M:150 (Ref: Ministry of Public Work Standard).
8. All concrete elements should be vibrated during mould casting.



Guideline No.2 on:Dugwell Design.

Figure (1)





Guideline No.2 on:Dugwell Design.

(FIG – 1)

***63 mm DIAMETER PVC RISING MAIN (Greater than Class – E)
(15.0 bar) ACCORDING B.S. 3505 – 1968***

Physical specifications:

Pipe Length = 2900 mm +- 25

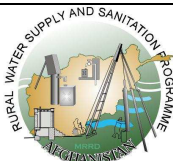
Pipe Outer Diameter = 63 mm + 0.2

Pipe Wall thickness = 4.7 mm + 0.7

Socket Length = 115 mm

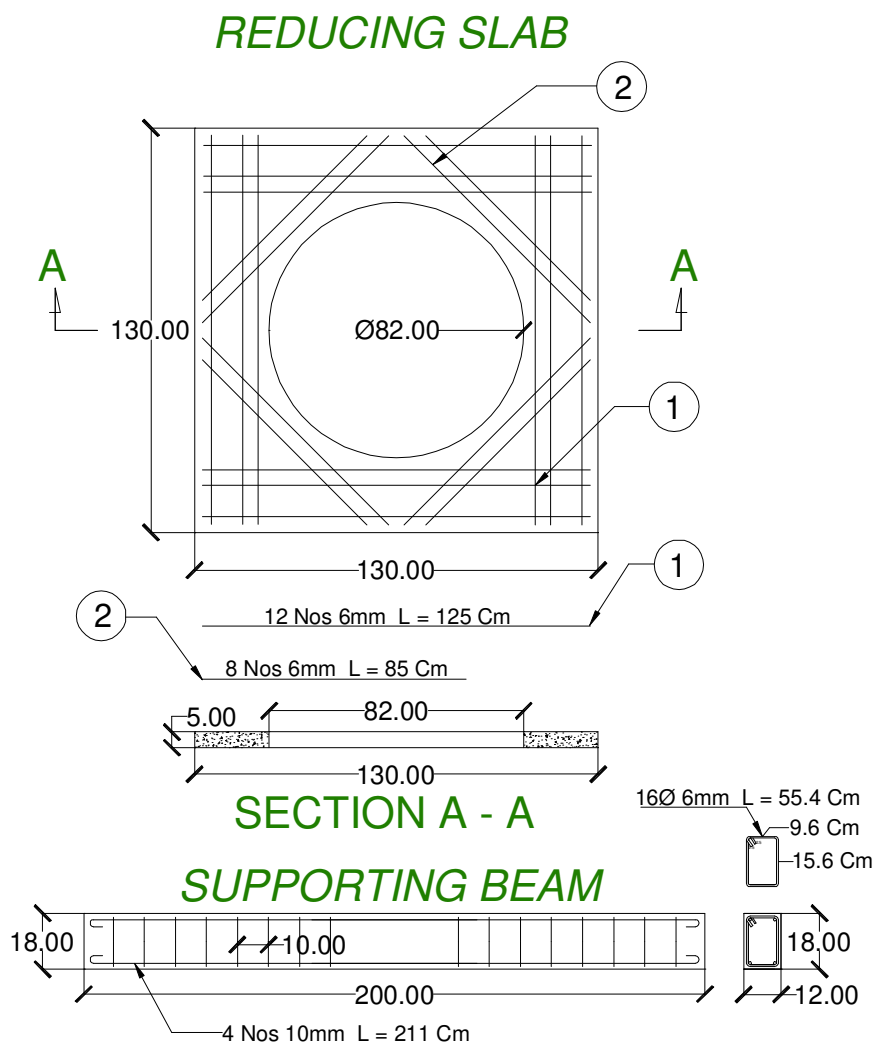
Socket Internal Diameter = 63.3 mm – 0.2

Tip end of pipe wall outside and inside, chamfering 15 degree.



Guideline No.2 on:Dugwell Design.

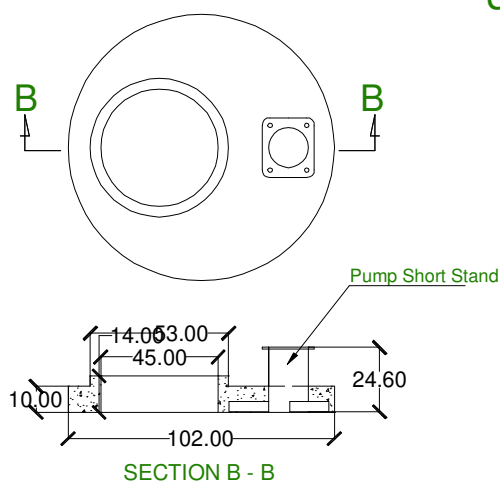
DUGWELL CONCRETE ELEMENTS:



Guideline No.2 on:Dugwell Design.

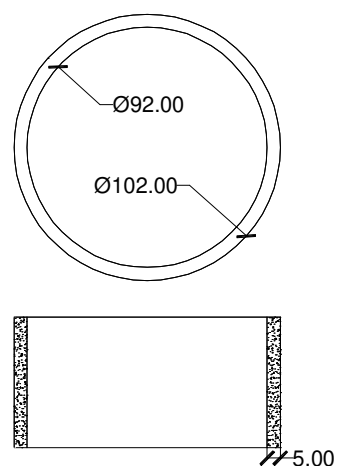
DUG WELL CONCRETE ELEMENTS:

PEDESTAL SLAB

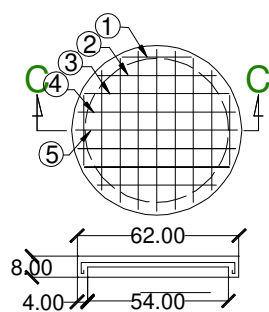


SECTION B - B

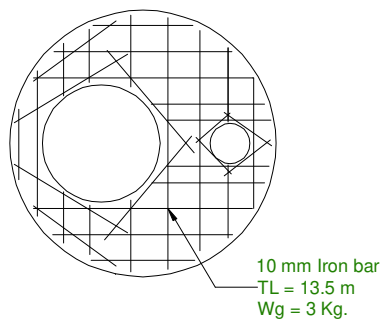
CONCRETE TOP RING



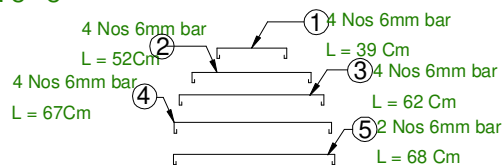
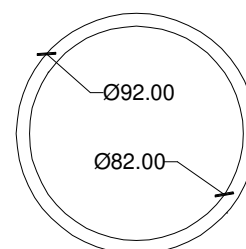
P.S. MH. COVER



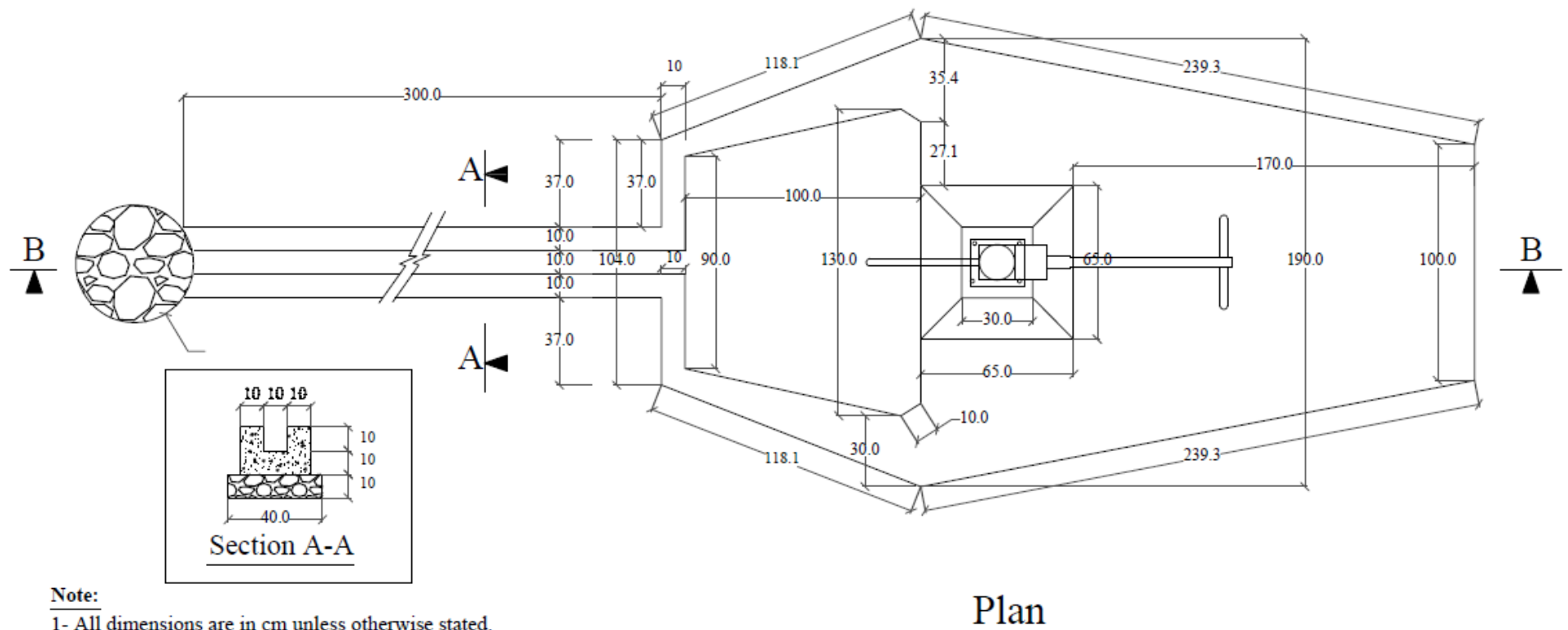
SECTION C - C



CONCRETE RING



Bore Well with Hand Pump



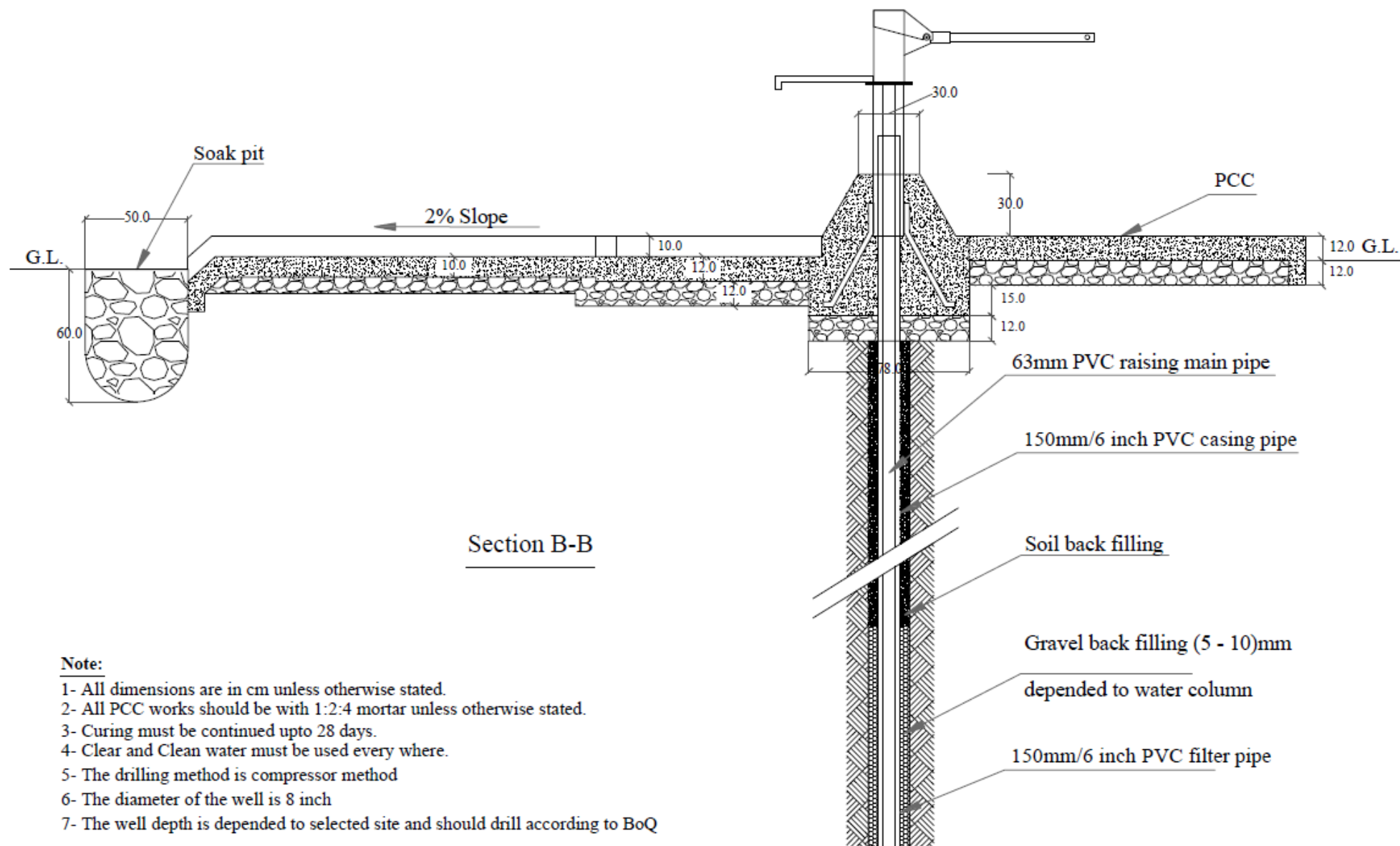
Plan

Note:

- 1- All dimensions are in cm unless otherwise stated.
- 2- All PCC works should be with 1:2:4 mortar unless otherwise stated.
- 3- Curing must be continued upto 28 days.
- 4- Clear and Clean water must be used every where.
- 5- The drilling method is compressor method
- 6- The diameter of the well is 8 inch
- 7- The well depth is depended to selected site and should drill according to BoQ



INTERNATIONAL RESCUE COMMITTEE	PROJECT LOCATION/ADDRESS		DRAWING TITLE	Drawn by Jawed Omar		Reviewed by		
ENVIRONMENTAL HEALTH DEPARTMENT	DISTRICT	SHIBAR		Sheet# 05		Name	Position title	Signature
BAMYAN FIELD OFFICE	SCHOOL NAME	Jalmish Primary School		Grant: EC533				
SIP SCHOOLS REPAIR/IMPROVEMETN	VILLAGE			Units	Scale			
				Centimeter				



Section B-B

Note:

- 1- All dimensions are in cm unless otherwise stated.
- 2- All PCC works should be with 1:2:4 mortar unless otherwise stated.
- 3- Curing must be continued upto 28 days.
- 4- Clear and Clean water must be used every where.
- 5- The drilling method is compressor method
- 6- The diameter of the well is 8 inch
- 7- The well depth is depended to selected site and should drill according to BoQ



INTERNATIONAL RESCUE COMMITTEE
ENVIRONMENTAL HEALTH DEPARTMENT
BAMYAN FIELD OFFICE
SIP SCHOOLS REPAIR/IMPROVEMETN

PROJECT LOCATION/ADDRESS
DISTRICT SHIBAR
SCHOOL NAME Jalmish Primary School
VILLAGE

DRAWING TITLE

1- Site plan

Drawn by Jawed Omar

Sheet# 05

Grant: EC533

Units
Centimeter

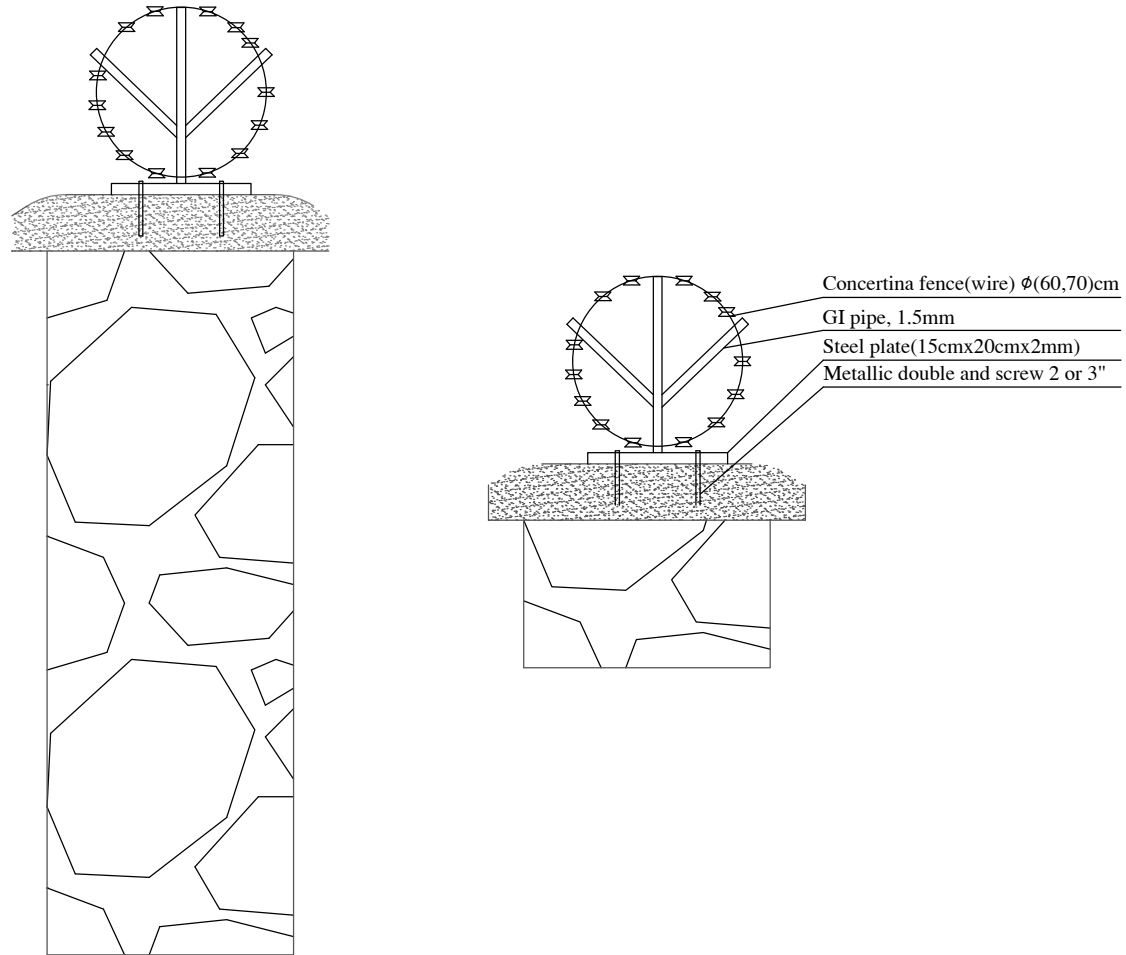
Scale

Reviewed by

Name

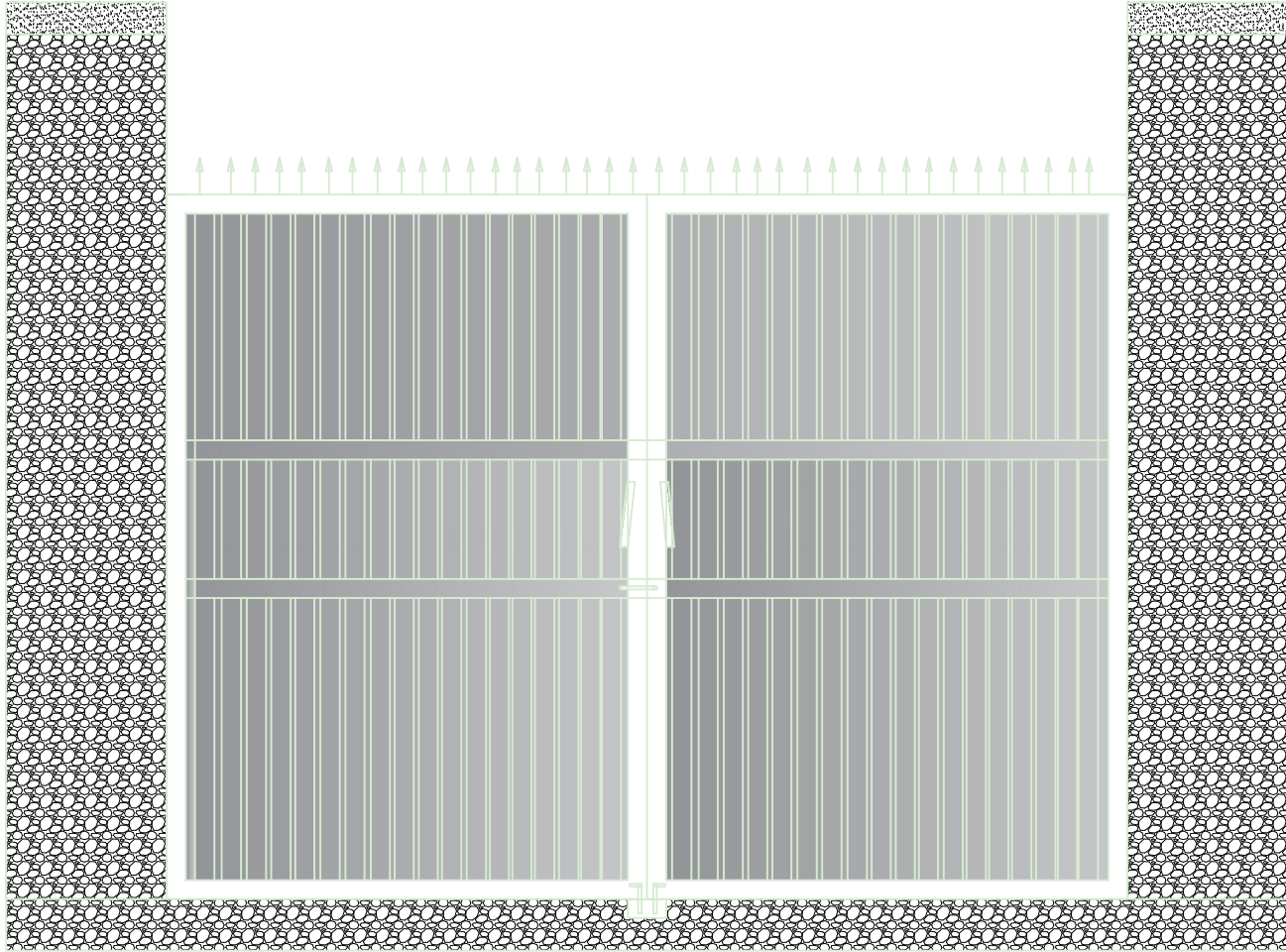
Position title

Signature

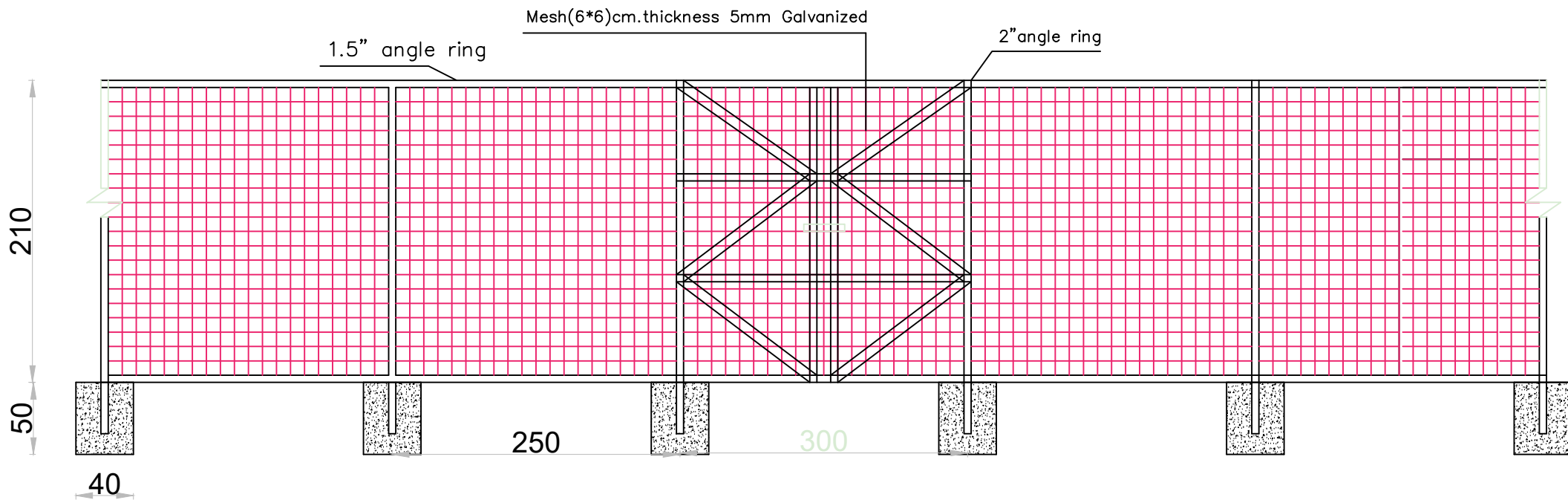


Typical section

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	Design	Eng. Amanullah Ibrahim	Province: Bamyaa	Scale: 1:150 Measuring Scale: cm (Otherwise mentioned)
	Drawing	Eng. Amanullah Ibrahim	District : Shibar	Sheet: 1/1

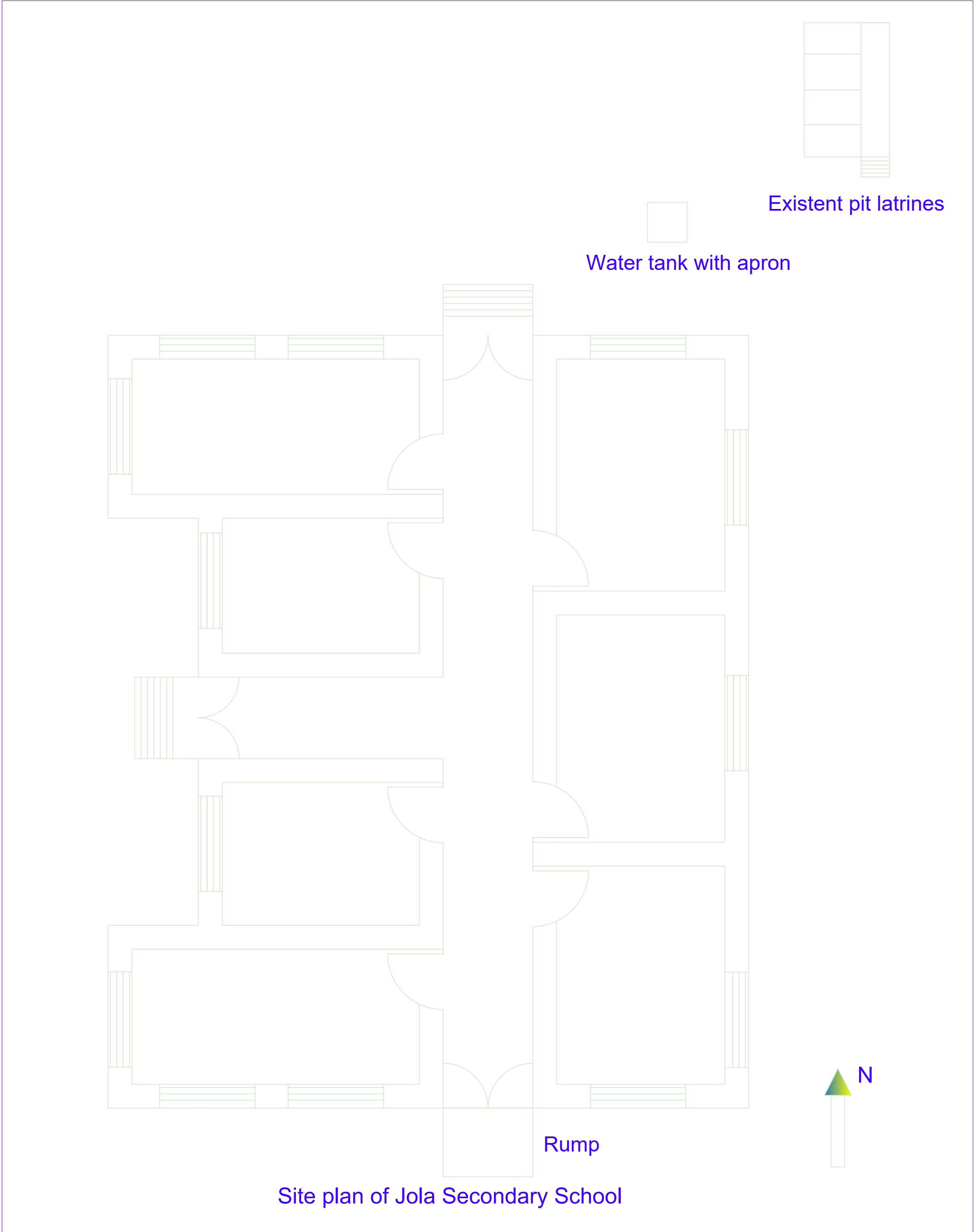


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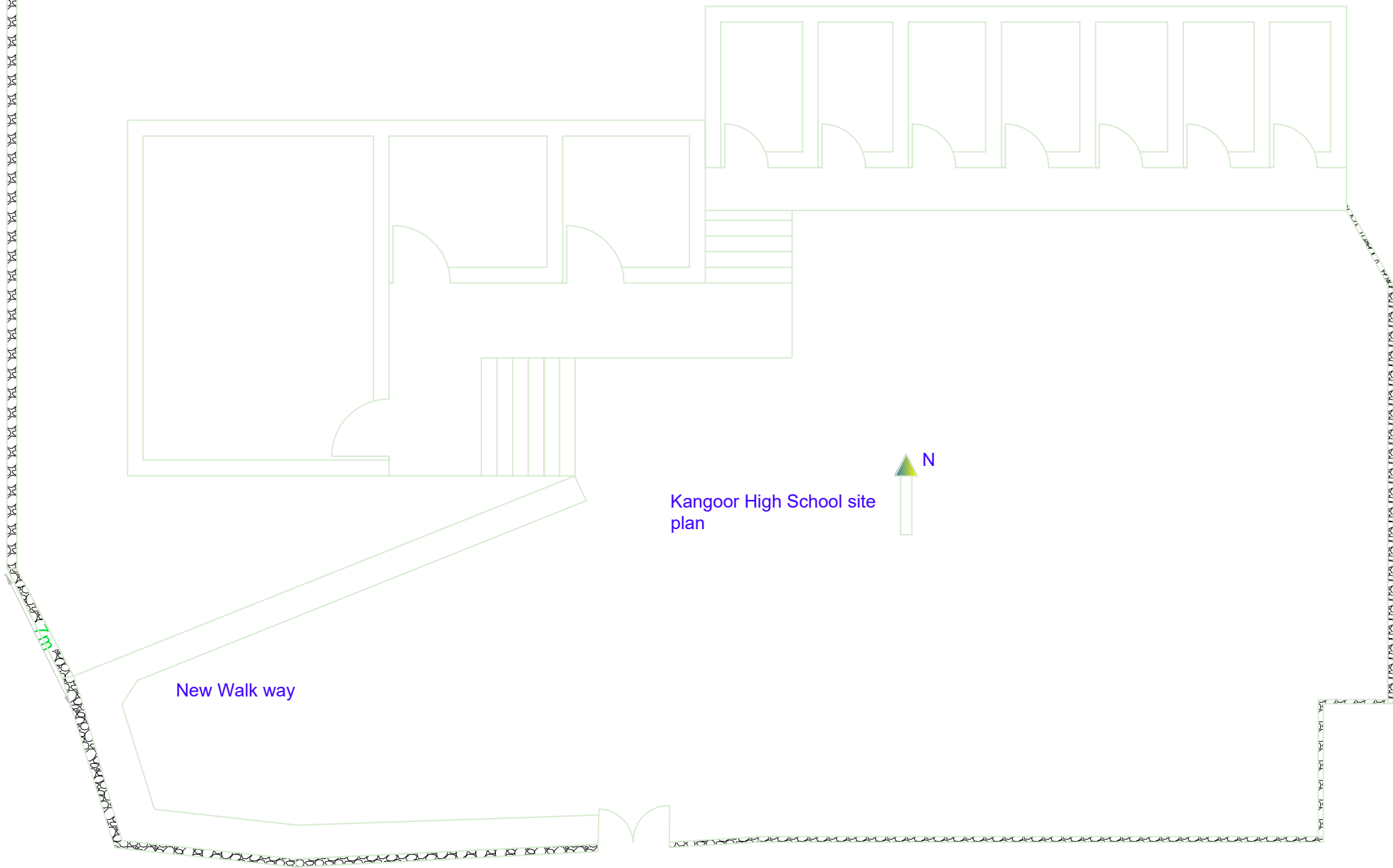


Boundry wall Fence Elevation M 1:100

.VIRC logo.jpg	International Rescue Committee		Department: Environmental Health	Drawing Title: fence Elevation
	Design	Eng. Amanullah Ibrahim	Province: Bamyaa	Scale: 1:150 Measuring Scale: cm (Otherwise mentioned)
	Drawing	Eng. Amanullah Ibrahim	District:Saighan Qara Khawal School	Sheet: 1/1

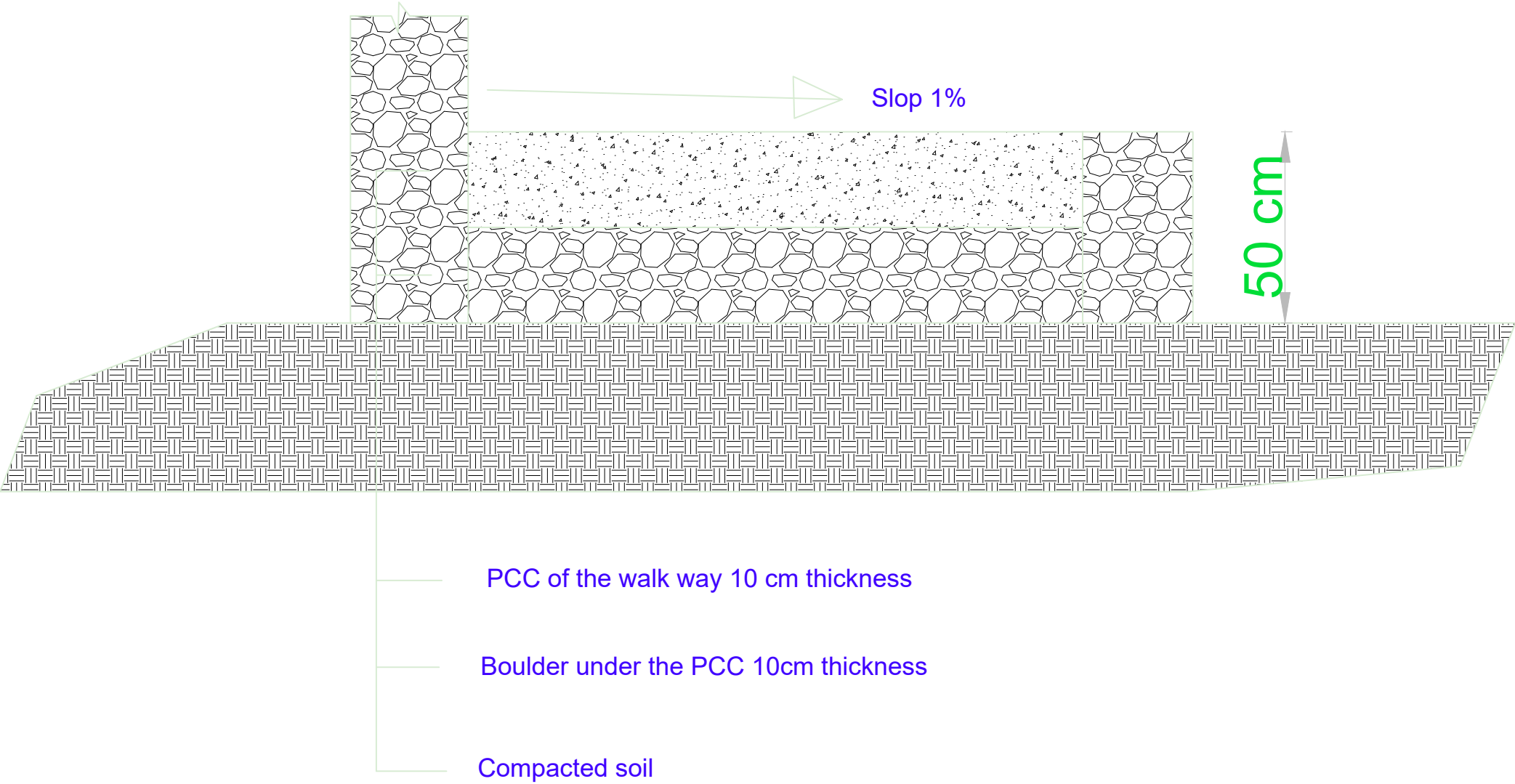


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	Drawing	Eng. Amanullah Ibrahim	District :Shibar	Sheet: 1/1

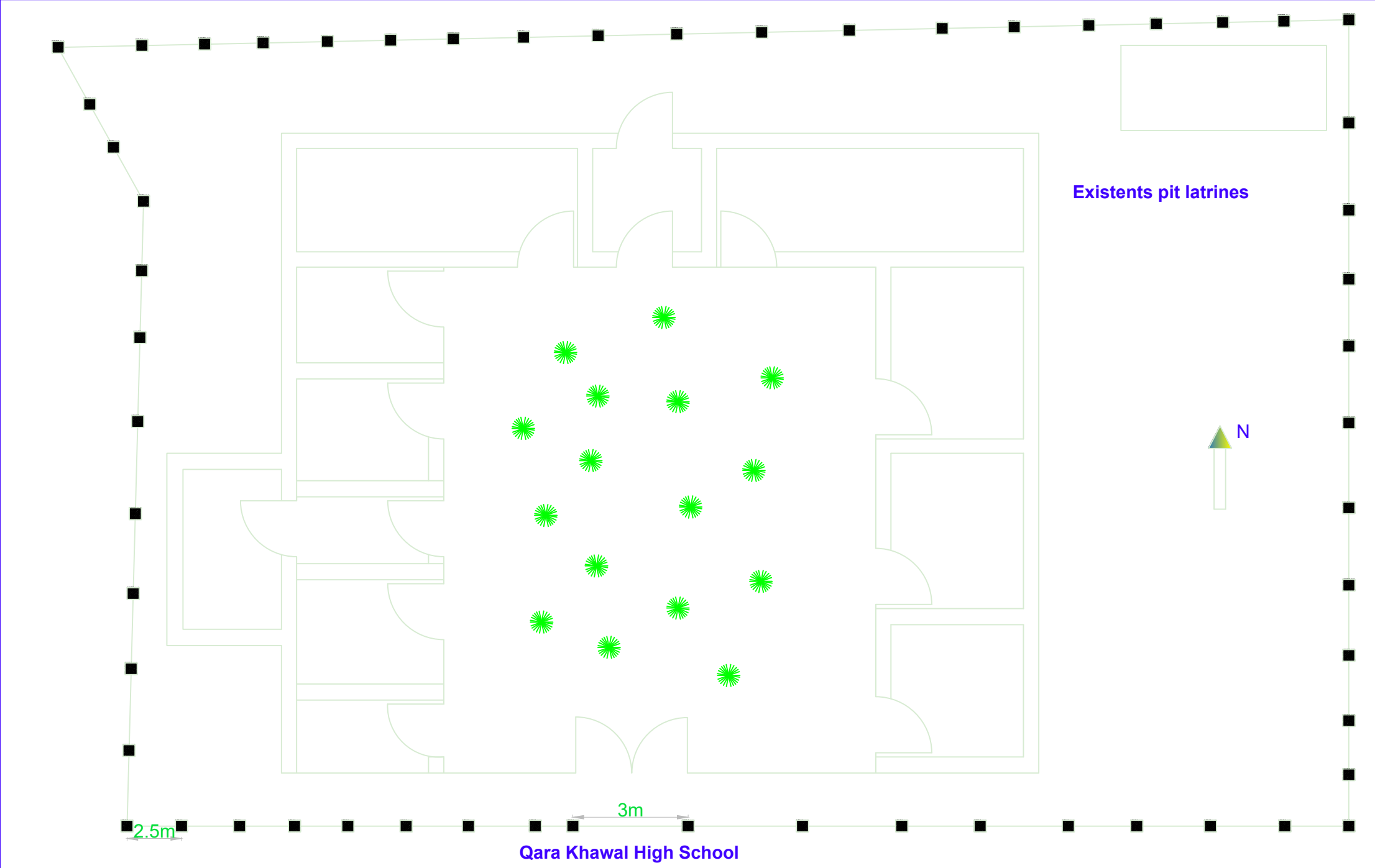


Kangoor High School site plan

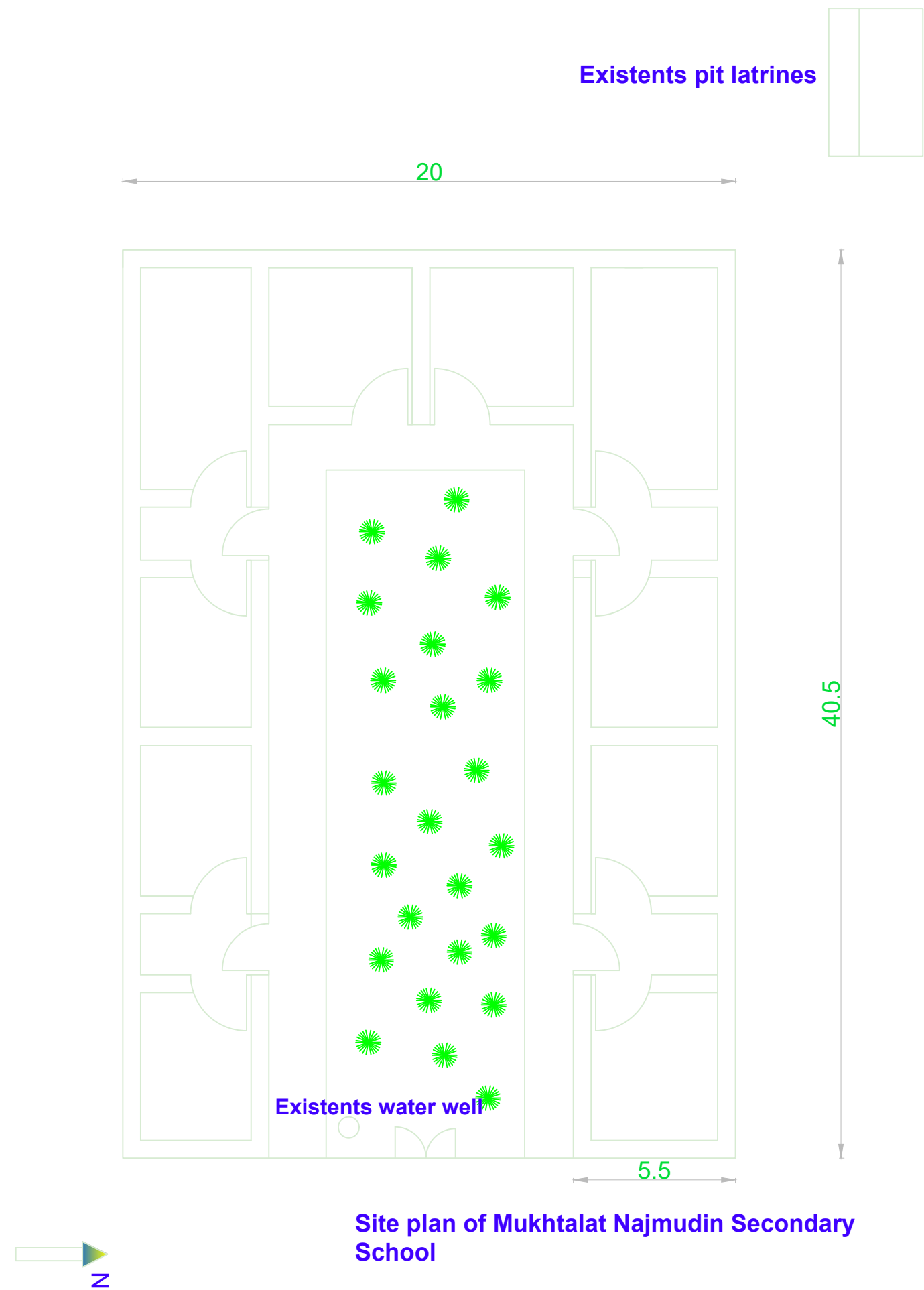
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	Drawing	Eng. Amanullah Ibrahim	District : Shibar	Sheet: 1/1



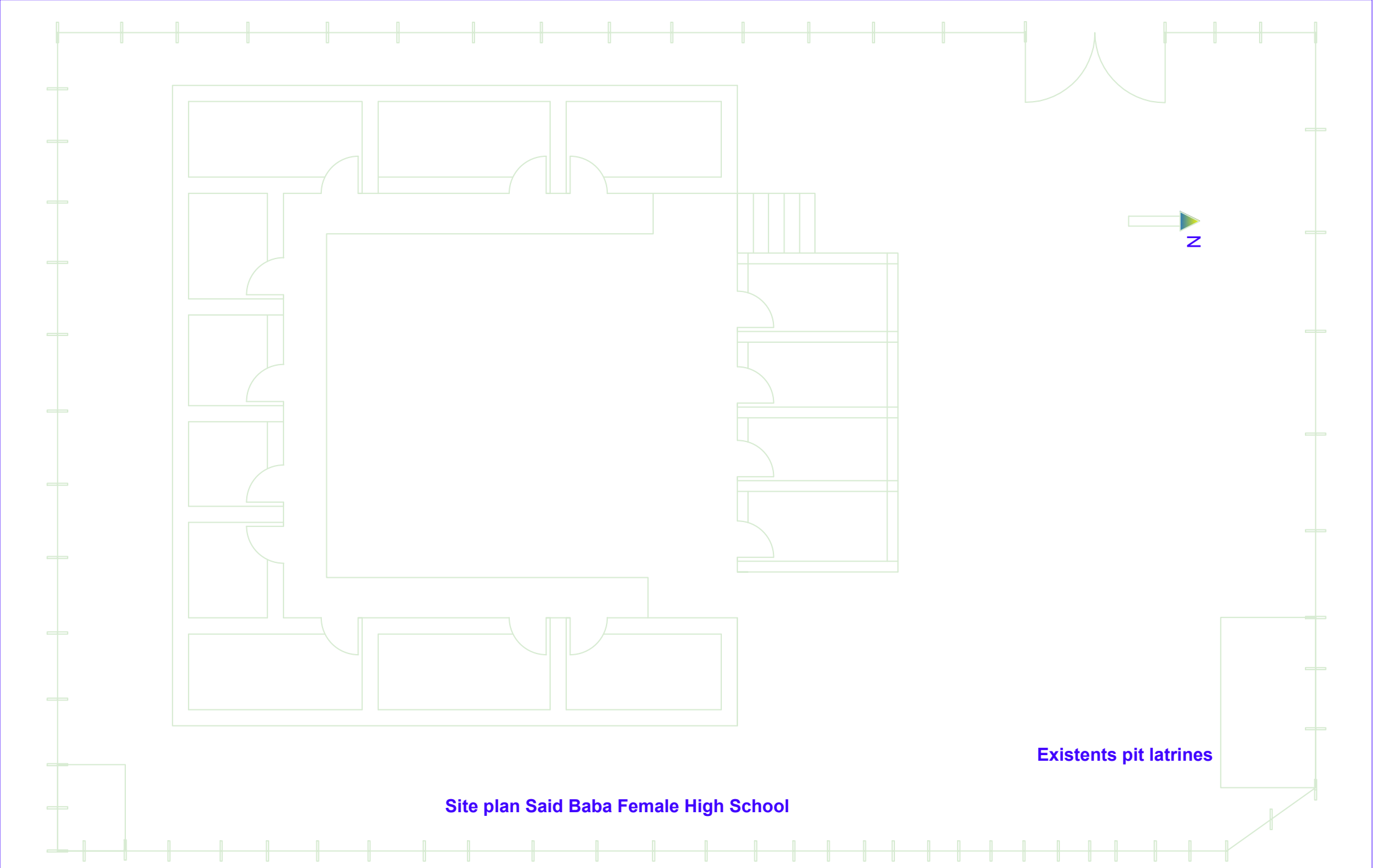
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	Drawing	Eng. Amanullah Ibrahimi	District: Shibar	Sheet: 1/1



.IIRC logo.jpg	International Rescue Committee		Department: Environmental Health	Drawing Title: Fence Front view
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	Drawing	Eng. Amanullah Ibrahim	District : Saighan	Sheet: 1/1



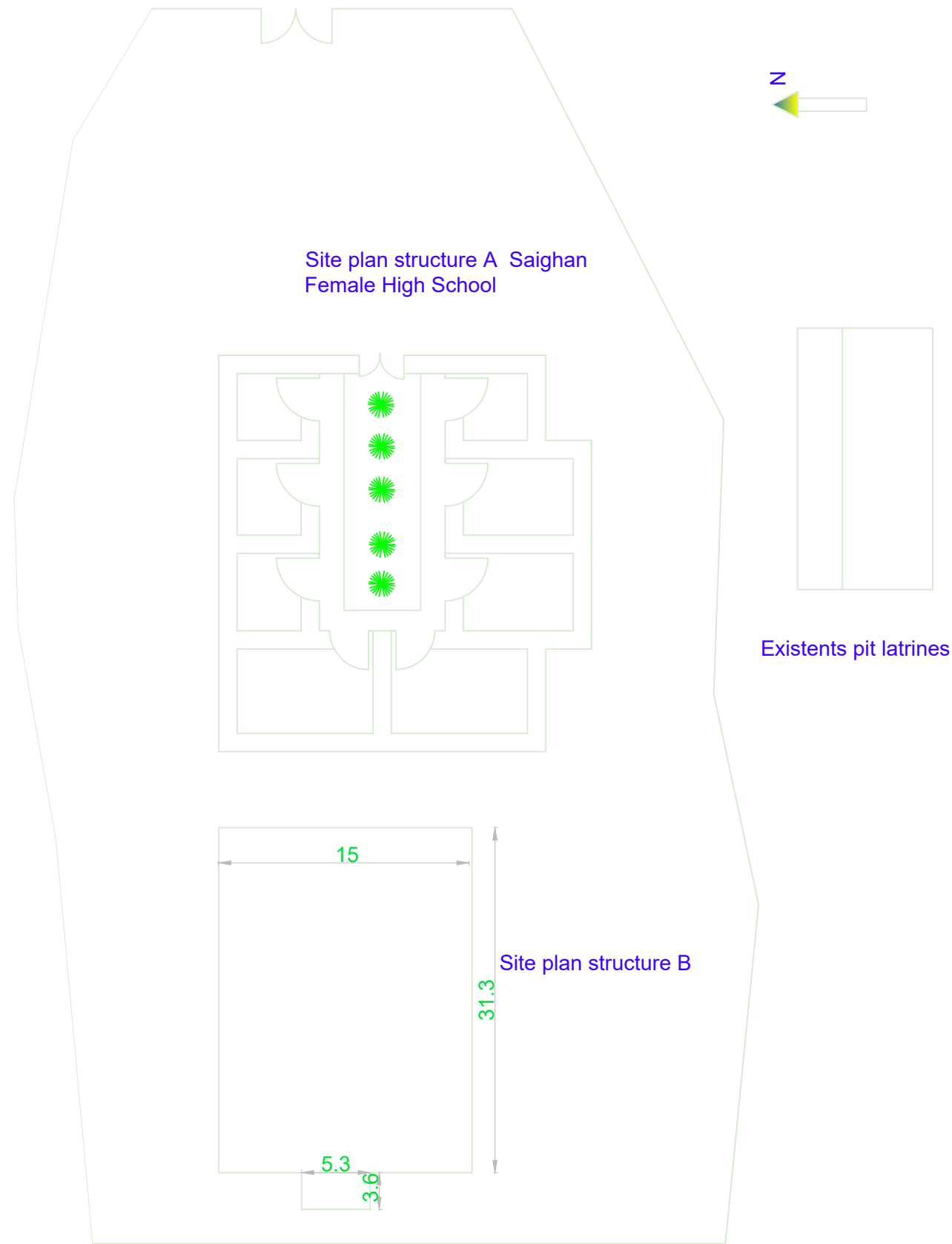
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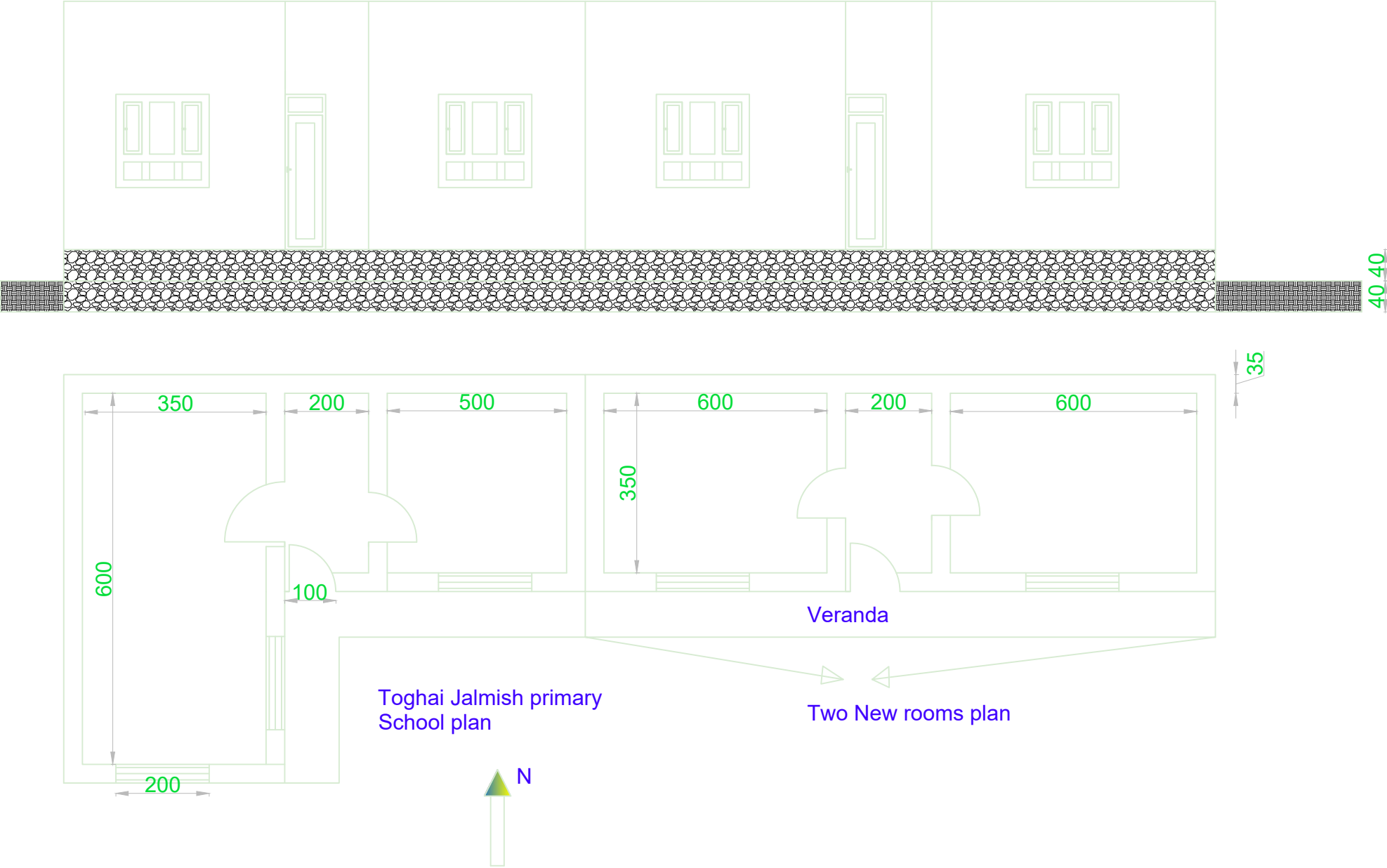
Site plan Said Baba Female High School

Existents pit latrines

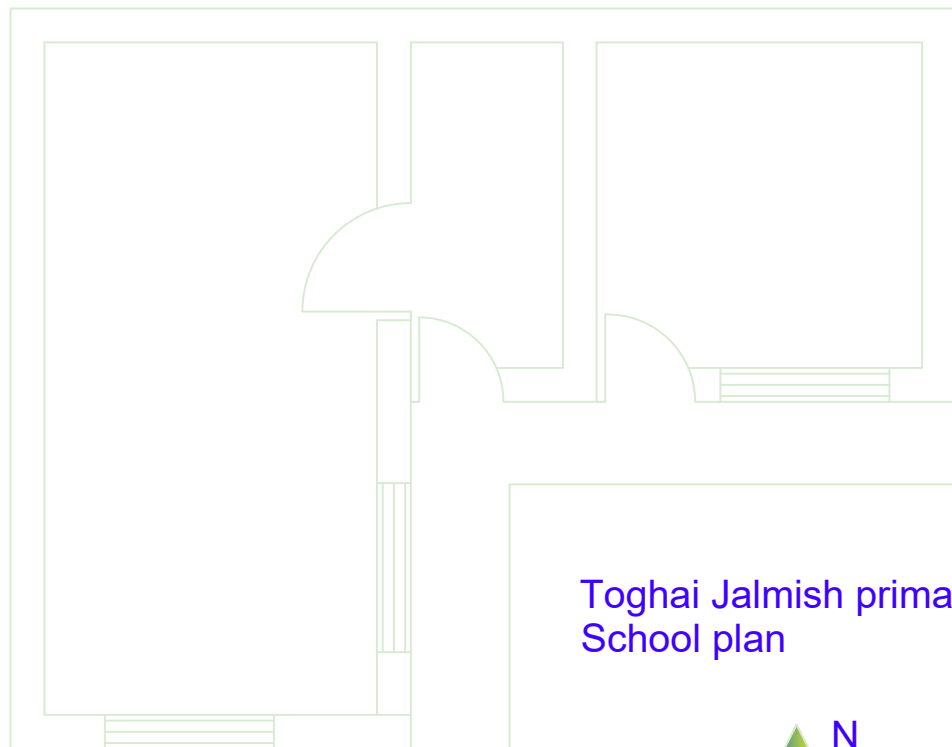
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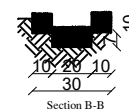
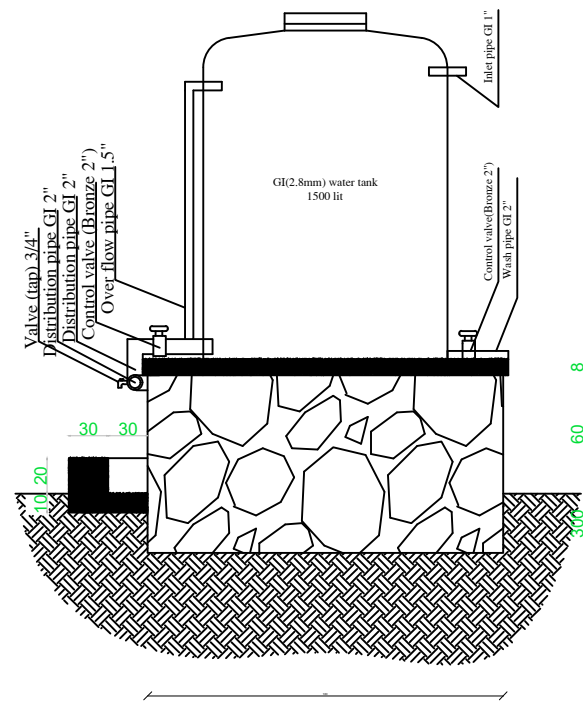
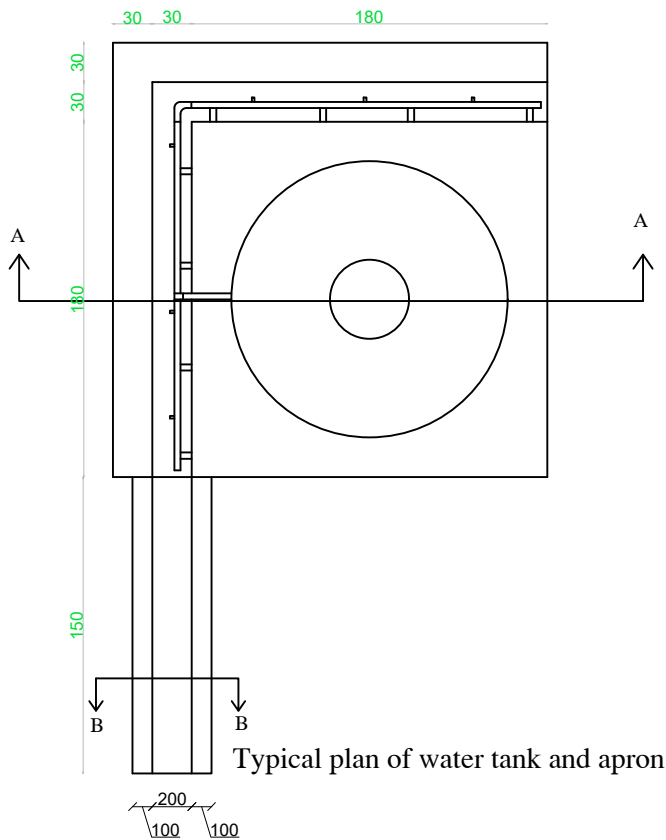
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	Design	Eng. Amanullah Ibrahim	Province: Bamyaa	Scale: 1:150 Measuring Scale: cm (Otherwise mentioned)
	Drawing	Eng. Amanullah Ibrahim	District : Shibar	Sheet: 1/1



Toghai Jalmish primary
School plan



.VIRC logo.jpg	International Rescue Committee		Department: Environmental Health	Drawing Title: Sit plan
	Design	Eng. Amanullah Ibrahim	Province: Bamyaan	Scale: 1:150 Measuring Scale: cm (Otherwise mentioned)
	Drawing	Eng. Amanullah Ibrahim	District : Shibar	Sheet: 1/1



	International Rescue Committee		Department: Environmental Health	Drawing Title: Water tank and apron
	Design	Eng. Amanullah Ibrahim	Province: Bamyaaan	Scale: 1:150 Measuring Scale: cm (Otherwise mentioned)
	Drawing	Eng. Amanullah Ibrahim	District/Village :Panjab- Kharqul	Sheet: 1/1