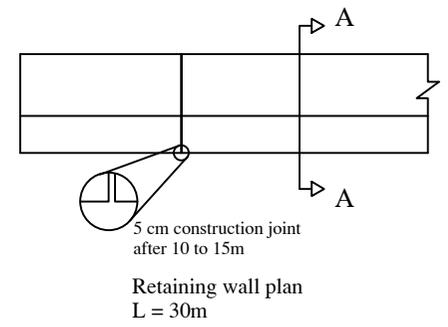
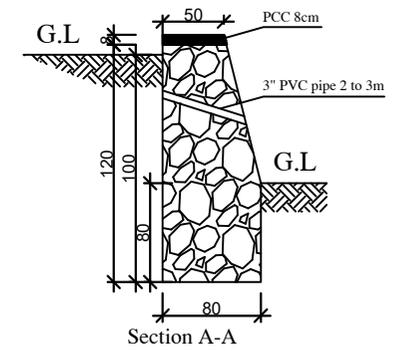
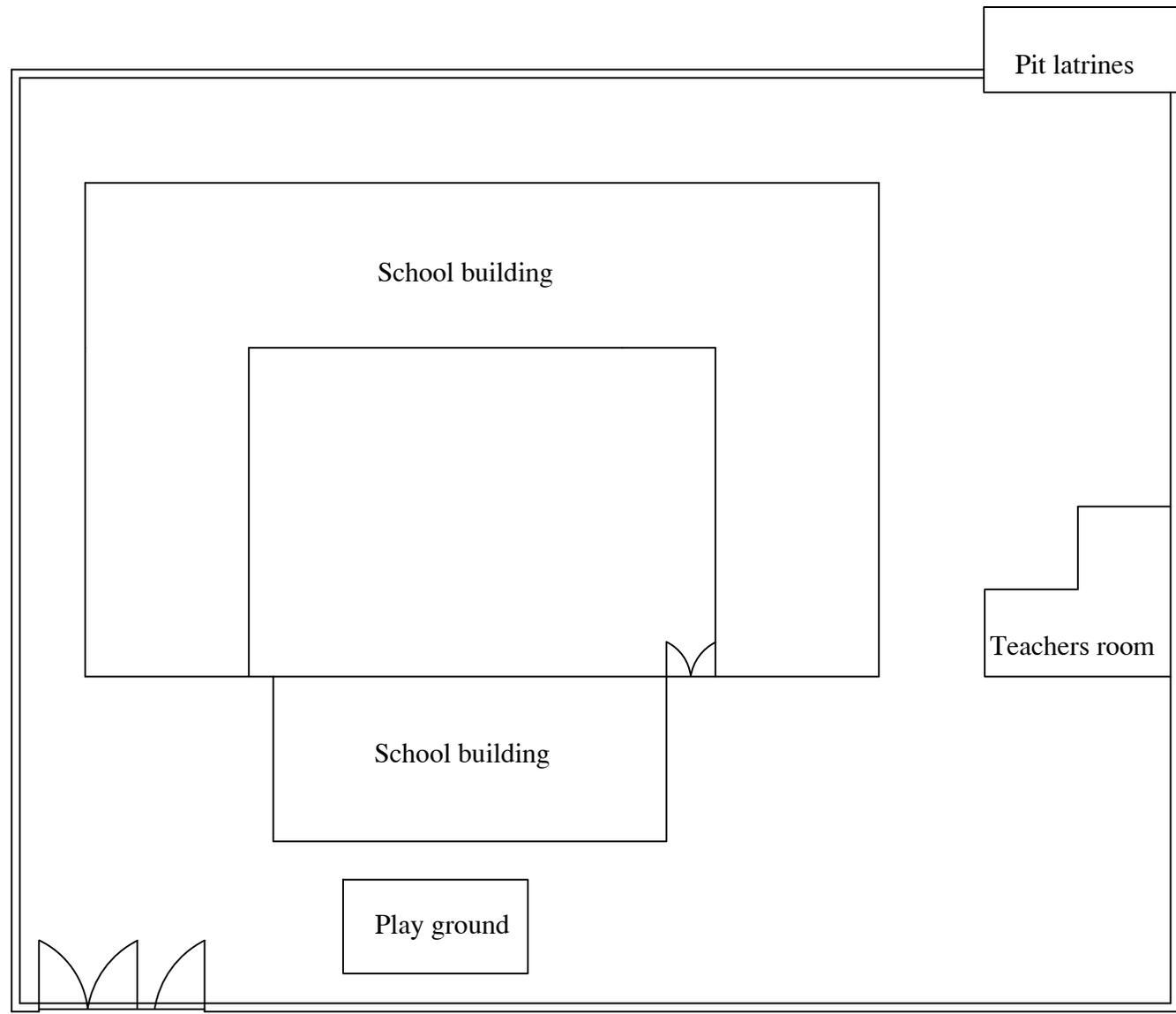




Ghar Ghara-e Kaloo High School Site Plan



- Planned Activities :**
1. Stone masonry protection wall against flood, L=30m, H=1.2m



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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

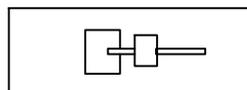
Reviewed by		
Name	Position title	Signature



Removing existing concrete and replace new concrete

Walk way

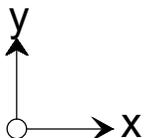
School building (wooden truss with GI sheet)
GI sheet repairing/replacement (30m²)



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



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BAMYAN FIELD OFFICE
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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

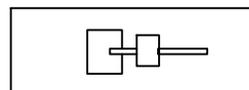
Reviewed by		
Name	Position title	Signature



Removing existing concrete and replace new concrete

Walk way

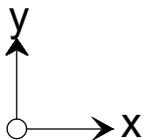
School building (wooden truss with GI sheet)
GI sheet repairing/replacement (30m²)



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



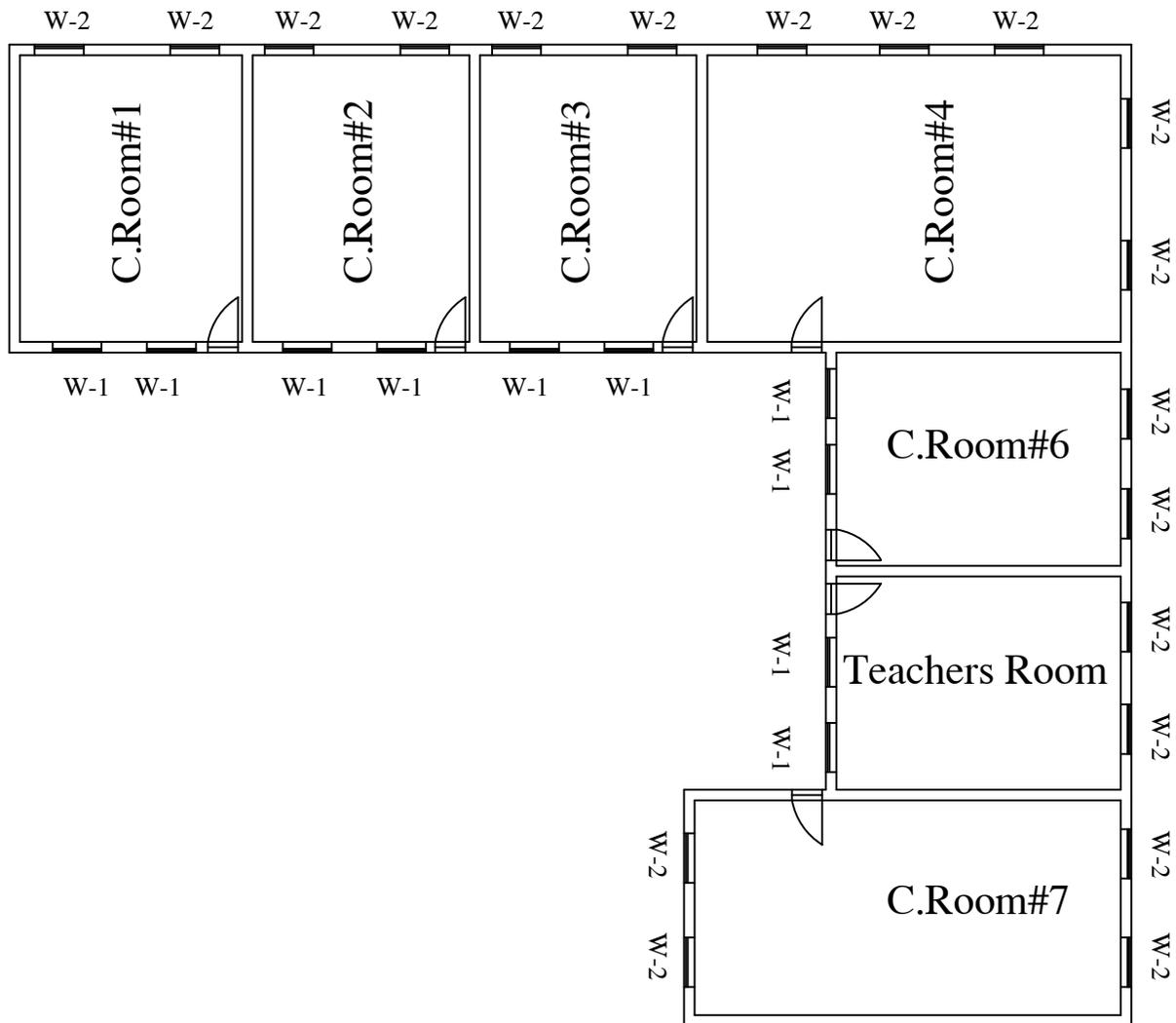
INTERNATIONAL RESCUE COMMITTEE
ENVIRONMENTAL HEALTH DEPARTMENT
BAMYAN FIELD OFFICE
SIP SCHOOLS REPAIR/IMPROVEMETN

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)



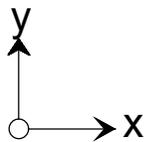
INTERNATIONAL RESCUE COMMITTEE
ENVIRONMENTAL HEALTH DEPARTMENT
BAMYAN FIELD OFFICE
SIP SCHOOLS REPAIR/IMPROVEMETN

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



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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

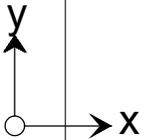
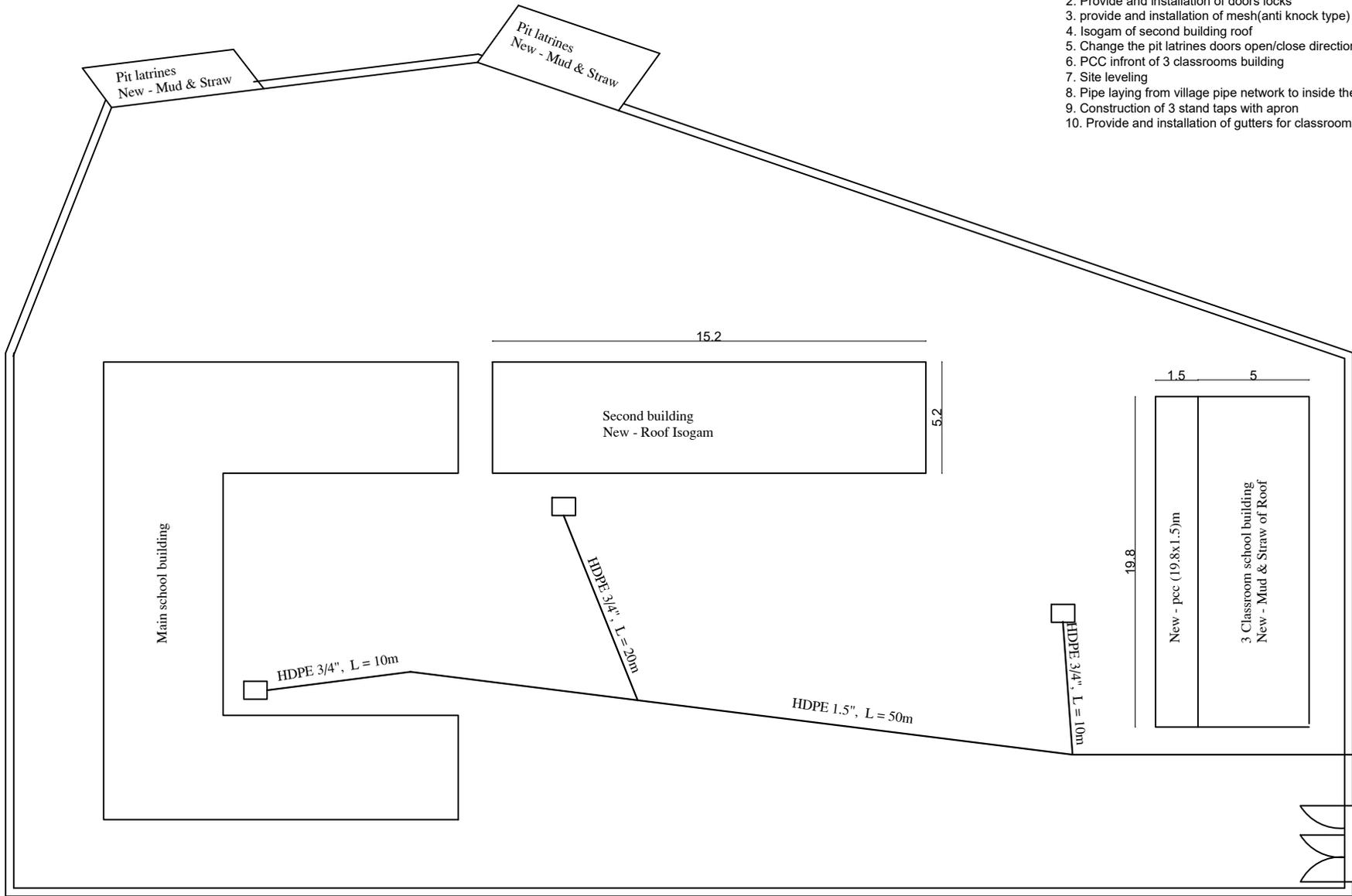
Drawn by Jawed Omar	
Sheet# 05	
Grant: EC533	
Units	Scale
Centimeter	

Reviewed by		
Name	Position title	Signature

Briglech 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



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BAMYAN FIELD OFFICE
SIP SCHOOLS REPAIR/IMPROVEMETN

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

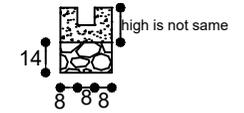
DRAWING TITLE
1- Site plan

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

Reviewed by		
Name	Position title	Signature

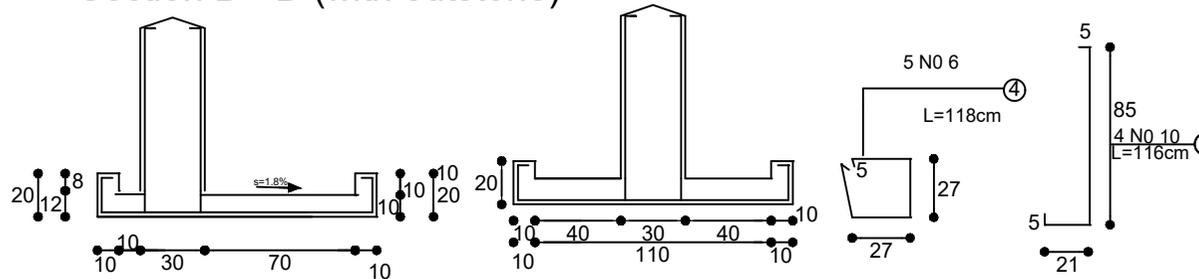
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Reinforcmnet Details

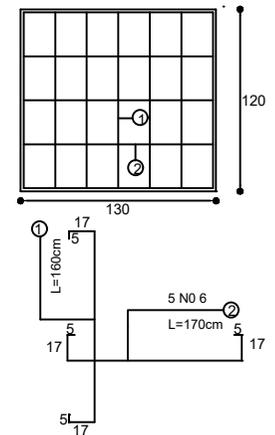


Section D - D (with outstone)

Section D - D (with outstone)

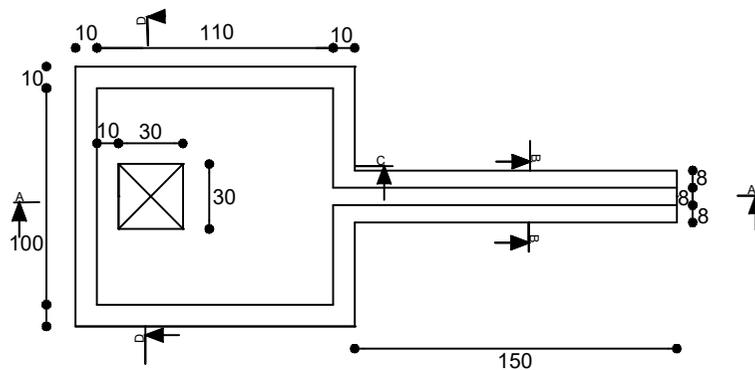


salab steel

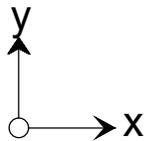
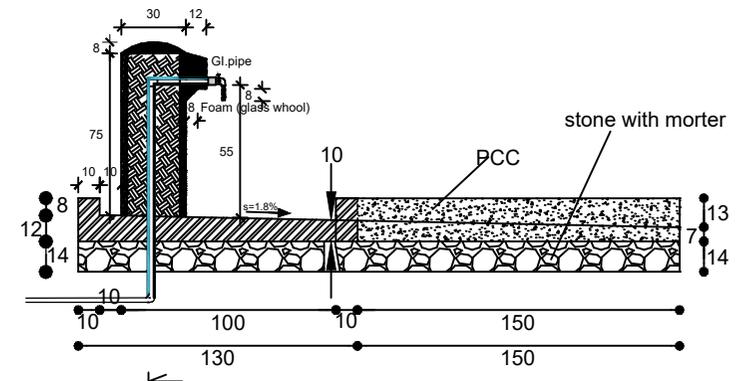


Note:
The total no of public stand taps are 3

Stand Tap Plan



Stand Tap Section A - A



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BAMYAN FIELD OFFICE
SIP SCHOOLS REPAIR/IMPROVEMETN

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

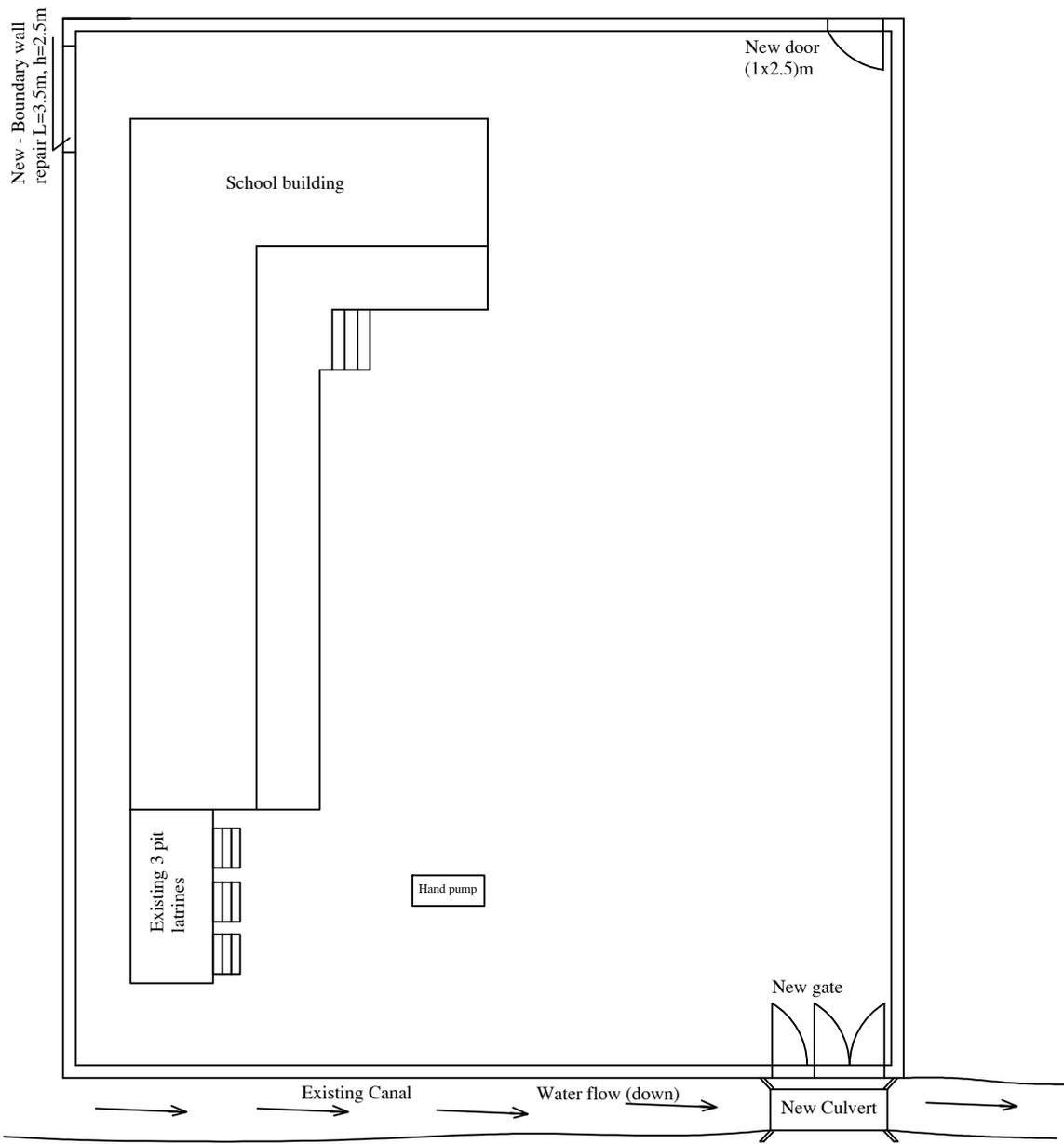
DRAWING TITLE
1- Stand tap

Drawn by Jawed Omar	
Sheet# 10	
Grant: EC533	
Units Centimeter	Scale

Reviewed by		
Name	Position title	Signature



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



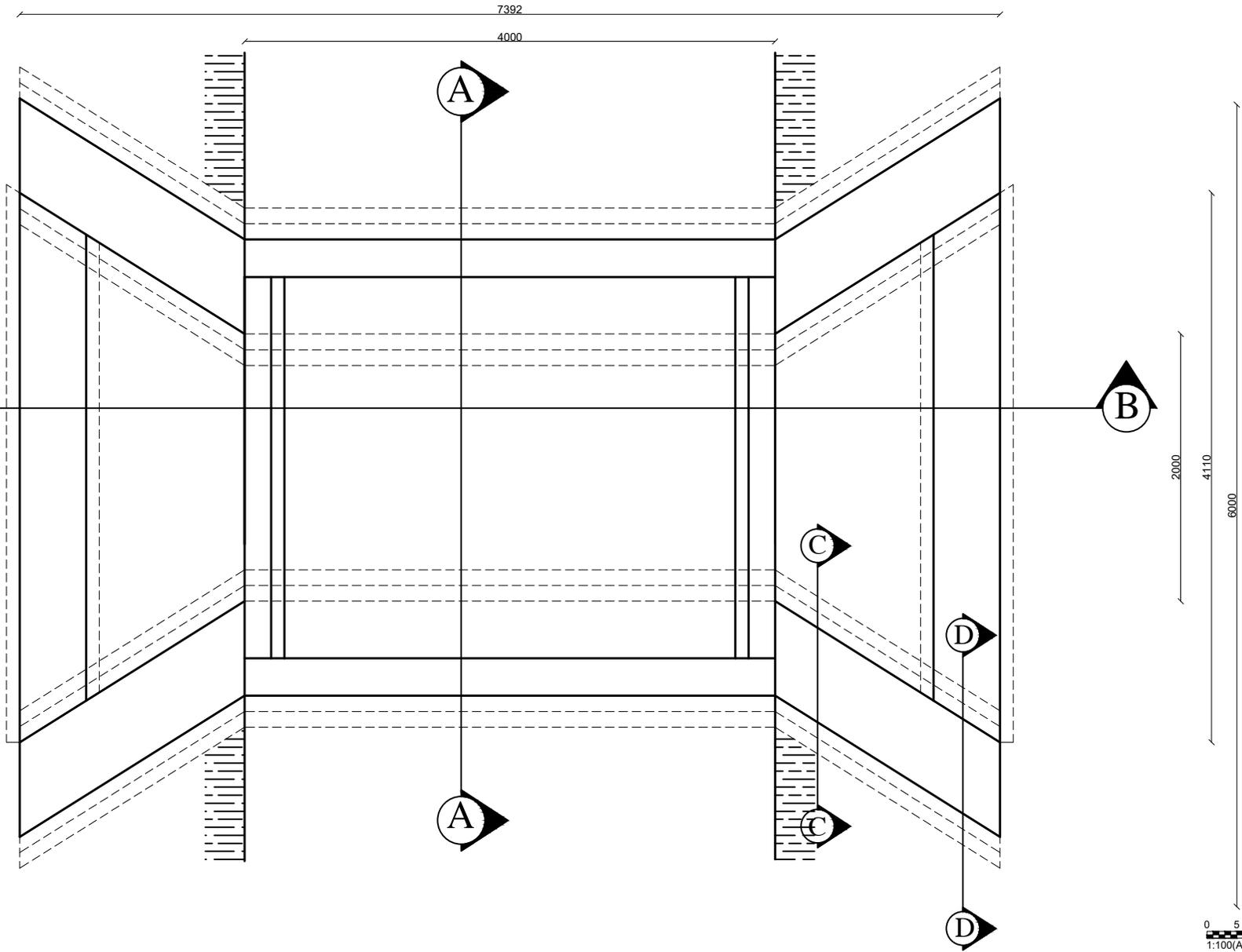
INTERNATIONAL RESCUE COMMITTEE
ENVIRONMENTAL HEALTH DEPARTMENT
BAMYAN FIELD OFFICE
SIP SCHOOLS REPAIR/IMPROVEMETN

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



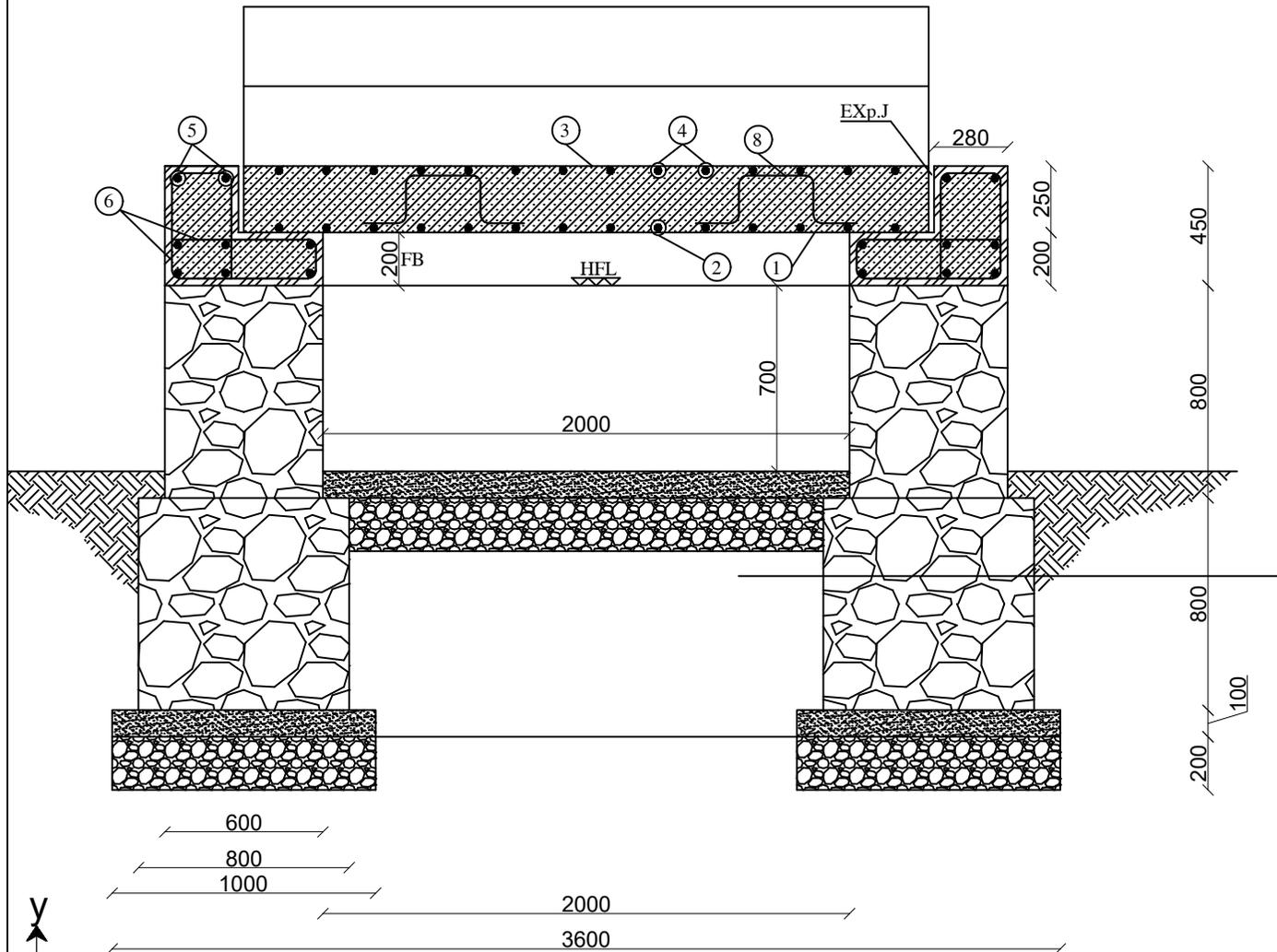
INTERNATIONAL RESCUE COMMITTEE
ENVIRONMENTAL HEALTH DEPARTMENT
BAMYAN FIELD OFFICE
SIP SCHOOLS REPAIR/IMPROVEMETN

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

Section A-A



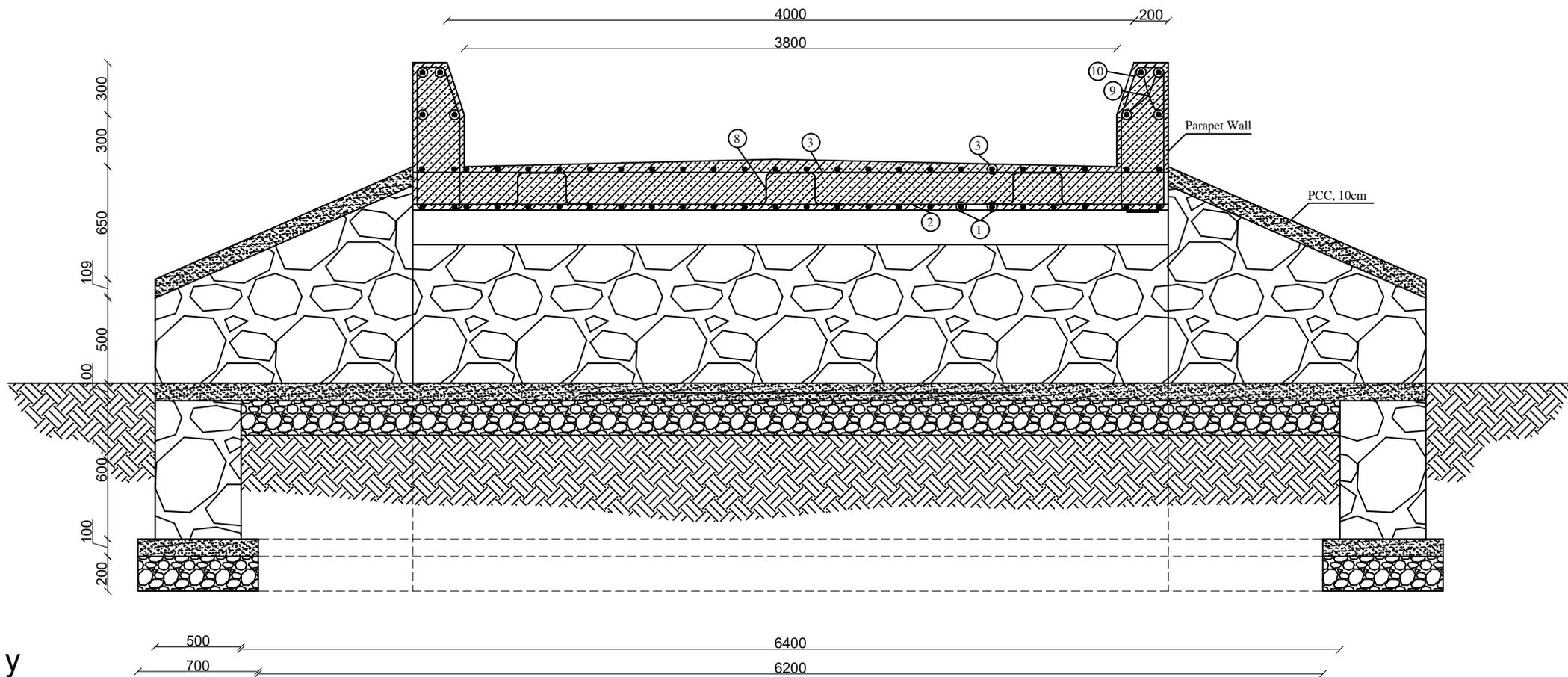
INTERNATIONAL RESCUE COMMITTEE
ENVIRONMENTAL HEALTH DEPARTMENT
BAMYAN FIELD OFFICE
SIP SCHOOLS REPAIR/IMPROVEMETN

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	Scale
mm	

Reviewed by		
Name	Position title	Signature



Section B-B



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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	Scale
mm	1:100

Reviewed by		
Name	Position title	Signature

Sardeh-e Ghandak Primary School Site Plan



Water Source

Existing temporary classroom

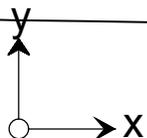
Existing temporary classroom

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



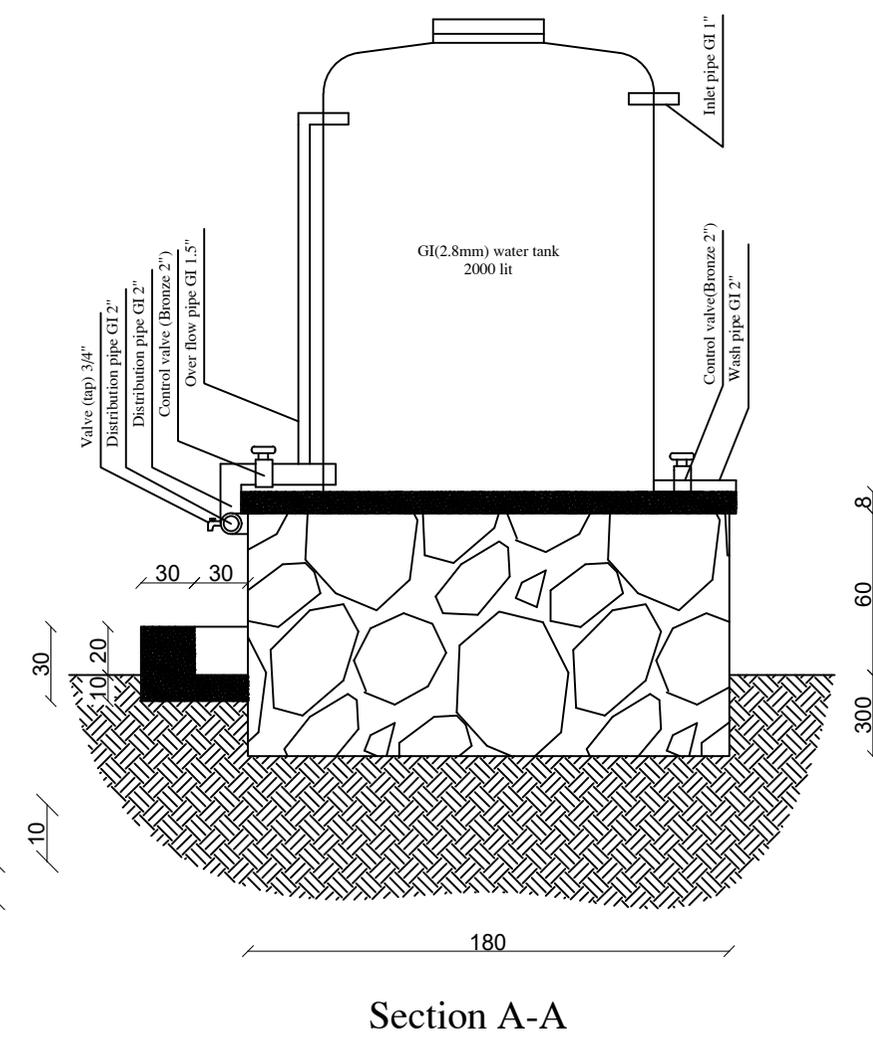
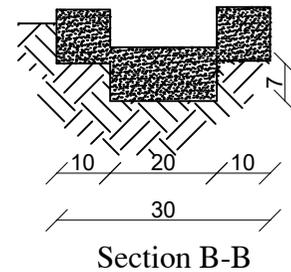
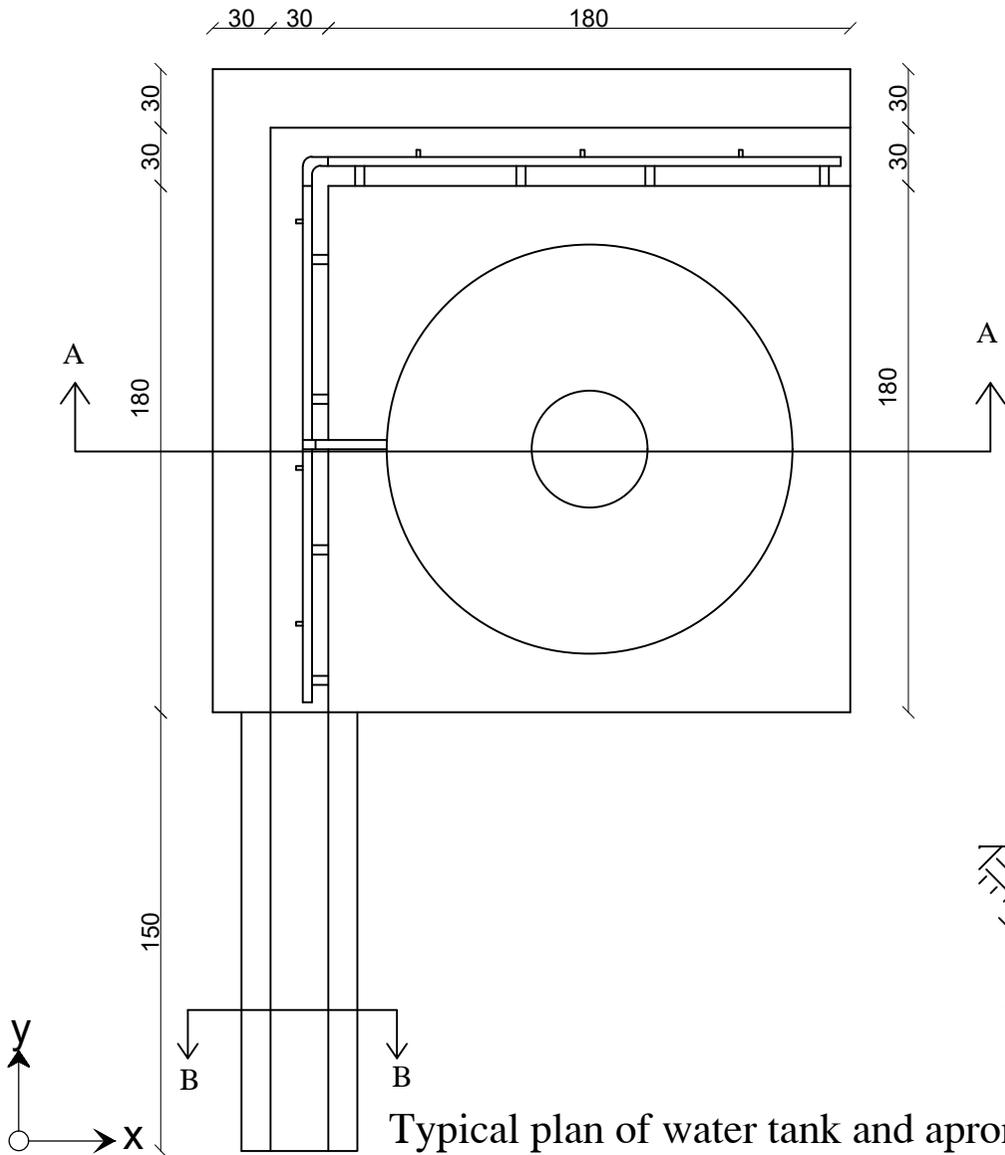
INTERNATIONAL RESCUE COMMITTEE
ENVIRONMENTAL HEALTH DEPARTMENT
BAMYAN FIELD OFFICE
SIP SCHOOLS REPAIR/IMPROVEMETN

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	Scale
Centimeter	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

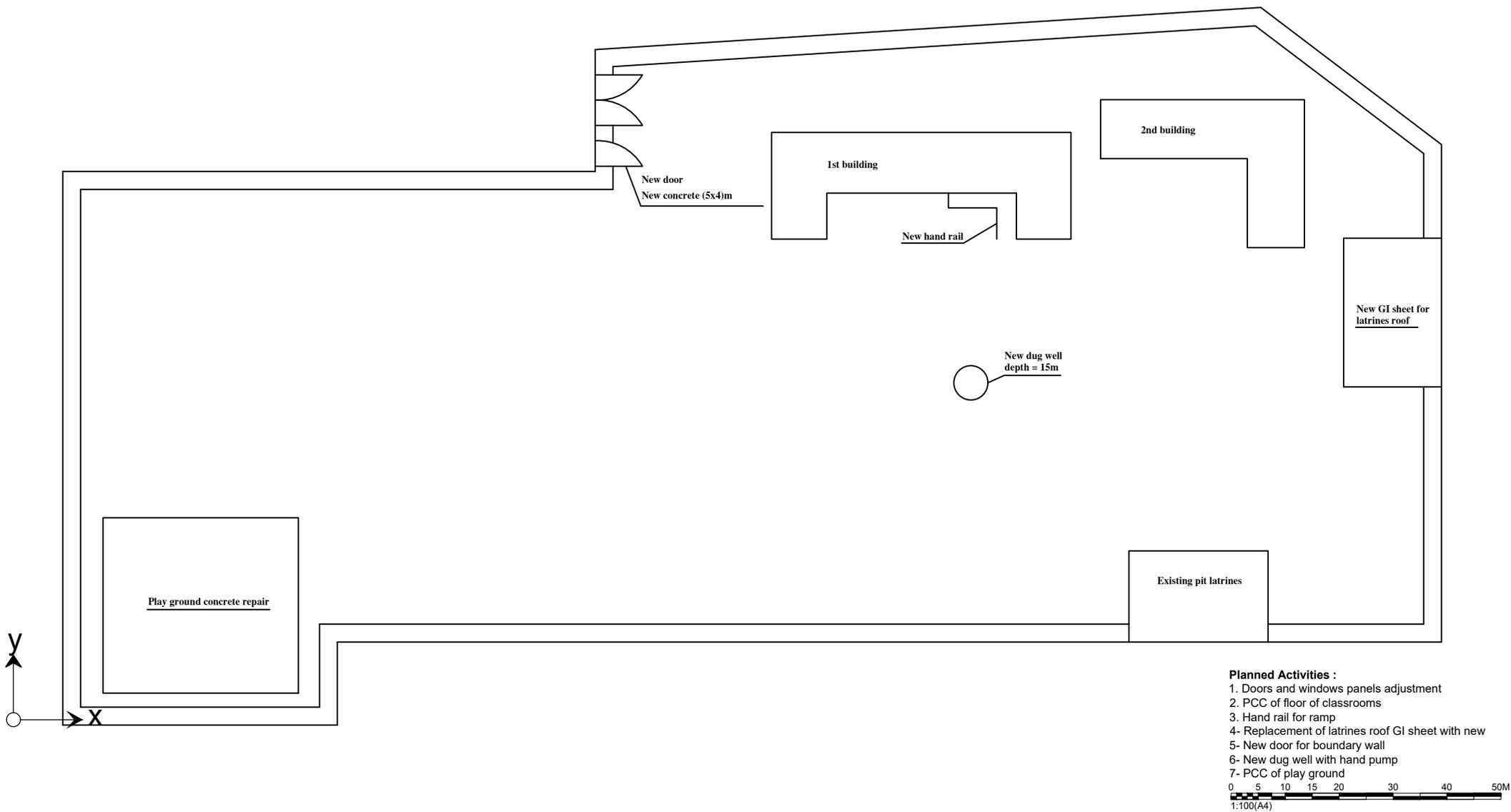
DRAWING TITLE
1- Water tank 2- Apron section

Drawn by Jawed Omar	
Sheet# 16	
Grant: EC533	
Units	Scale
mm	

Reviewed by		
Name	Position title	Signature



Ghorab High School Site Plan



- Planned Activities :**
1. Doors and windows panels adjustment
 2. PCC of floor of classrooms
 3. Hand rail for ramp
 4. Replacement of latrines roof GI sheet with new
 - 5- New door for boundary wall
 - 6- New dug well with hand pump
 - 7- PCC of play ground



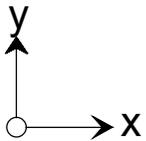
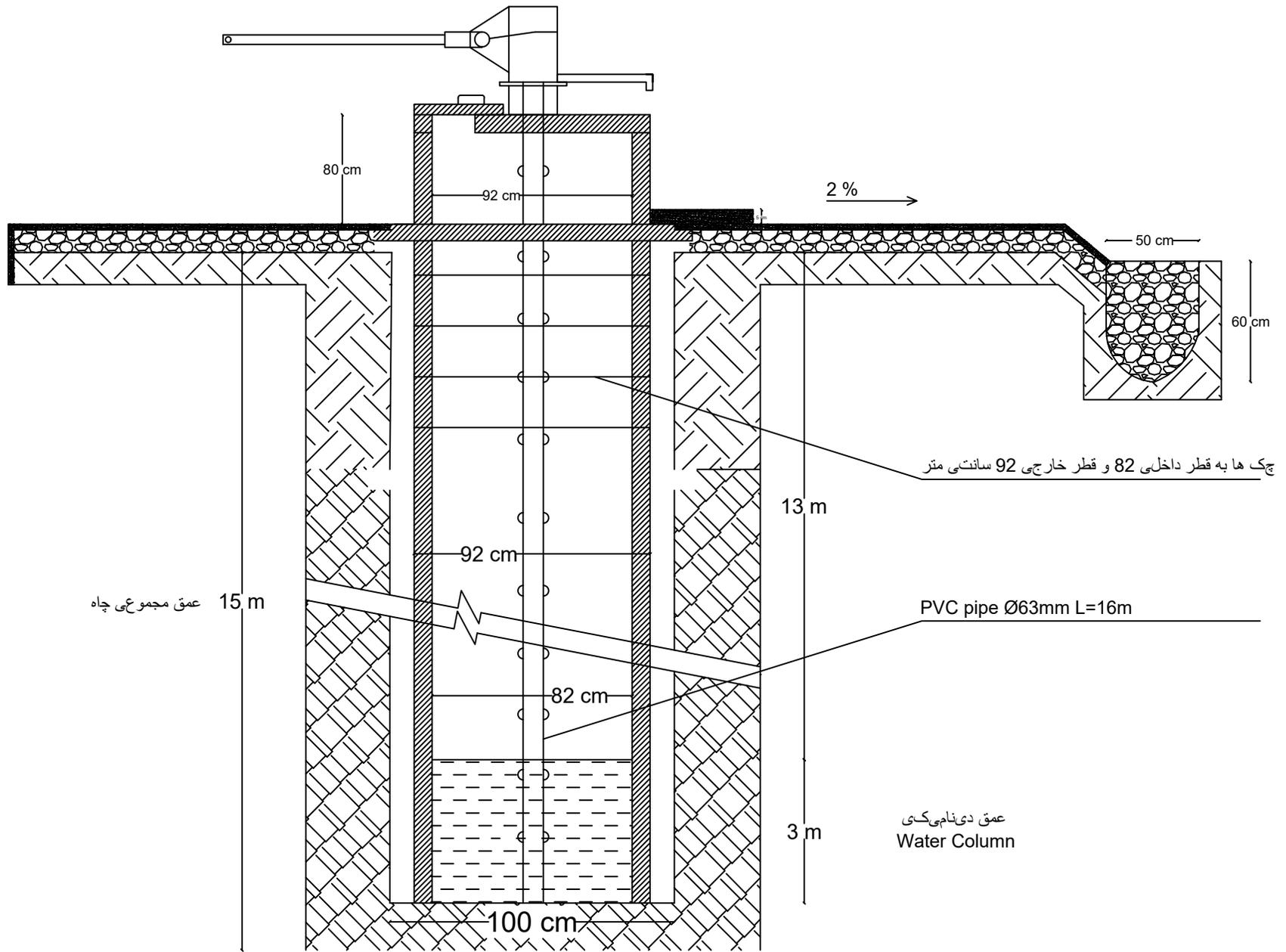
INTERNATIONAL RESCUE COMMITTEE
ENVIRONMENTAL HEALTH DEPARTMENT
BAMYAN FIELD OFFICE
SIP SCHOOLS REPAIR/IMPROVEMETN

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



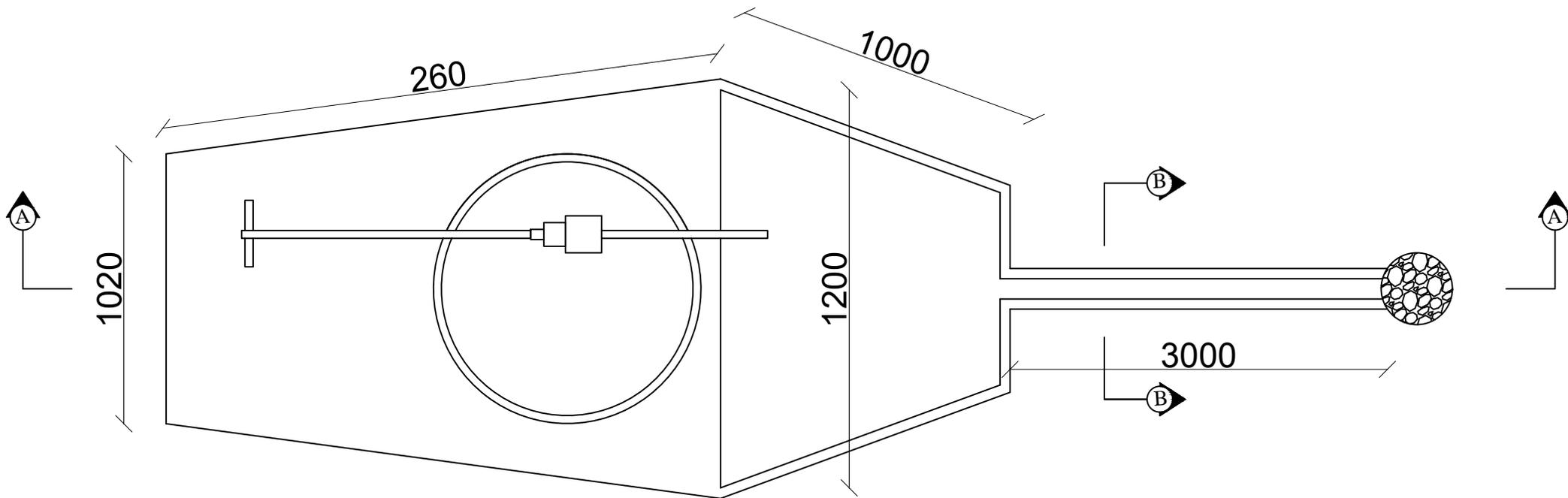
INTERNATIONAL RESCUE COMMITTEE
ENVIRONMENTAL HEALTH DEPARTMENT
BAMYAN FIELD OFFICE
SIP SCHOOLS REPAIR/IMPROVEMETN

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

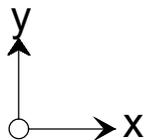
DRAWING TITLE
1- Dug well section

Drawn by Jawed Omar	
Sheet# 18	
Grant: EC533	
Units	Scale

Reviewed by		
Name	Position title	Signature



Hand Pump Apron Plan



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BAMYAN FIELD OFFICE
SIP SCHOOLS REPAIR/IMPROVEMETN

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

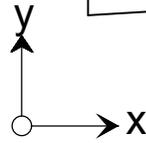
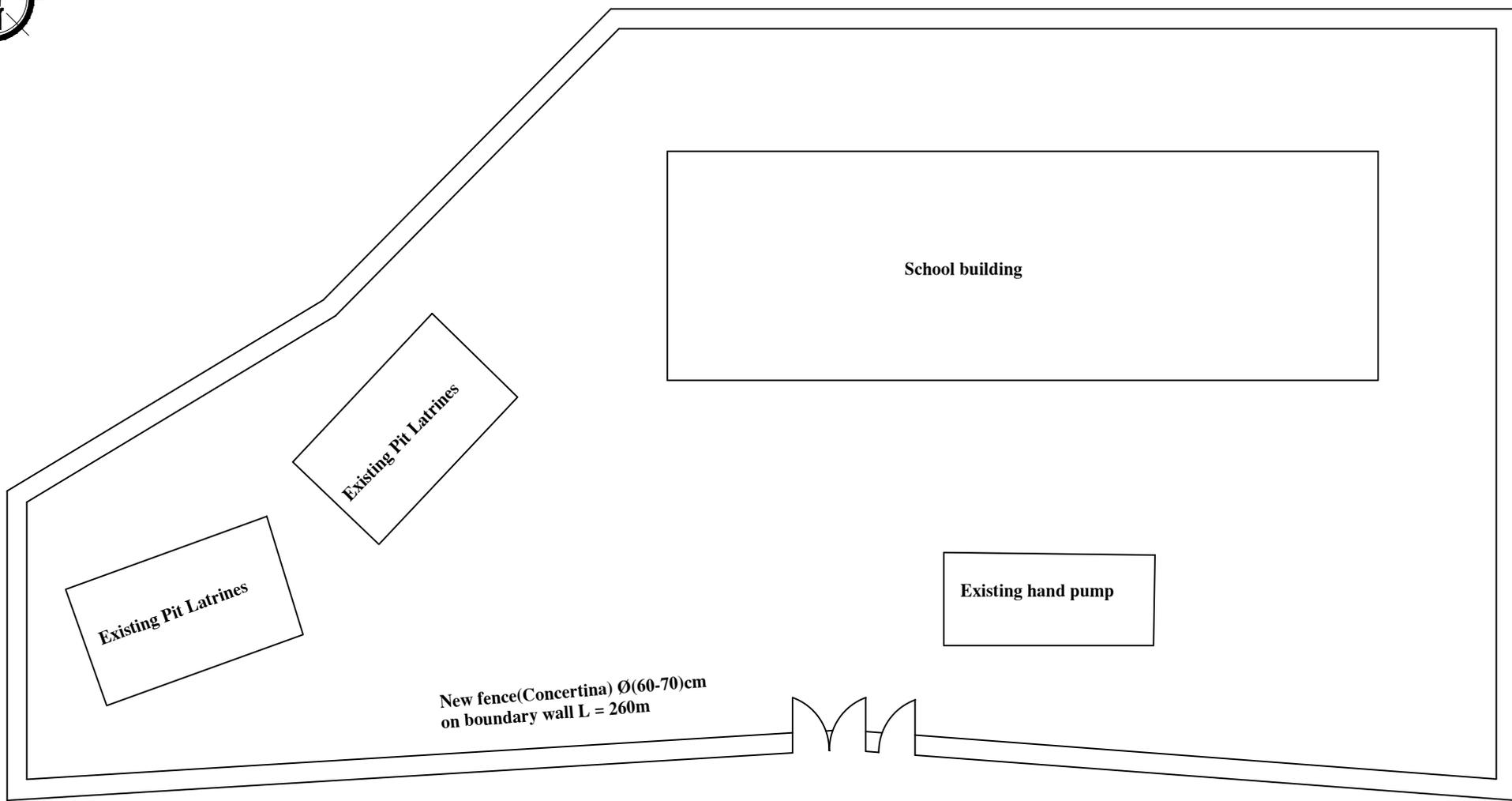
DRAWING TITLE
1- Dug well section

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



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SIP SCHOOLS REPAIR/IMPROVEMETN

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

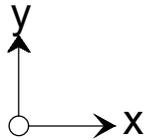
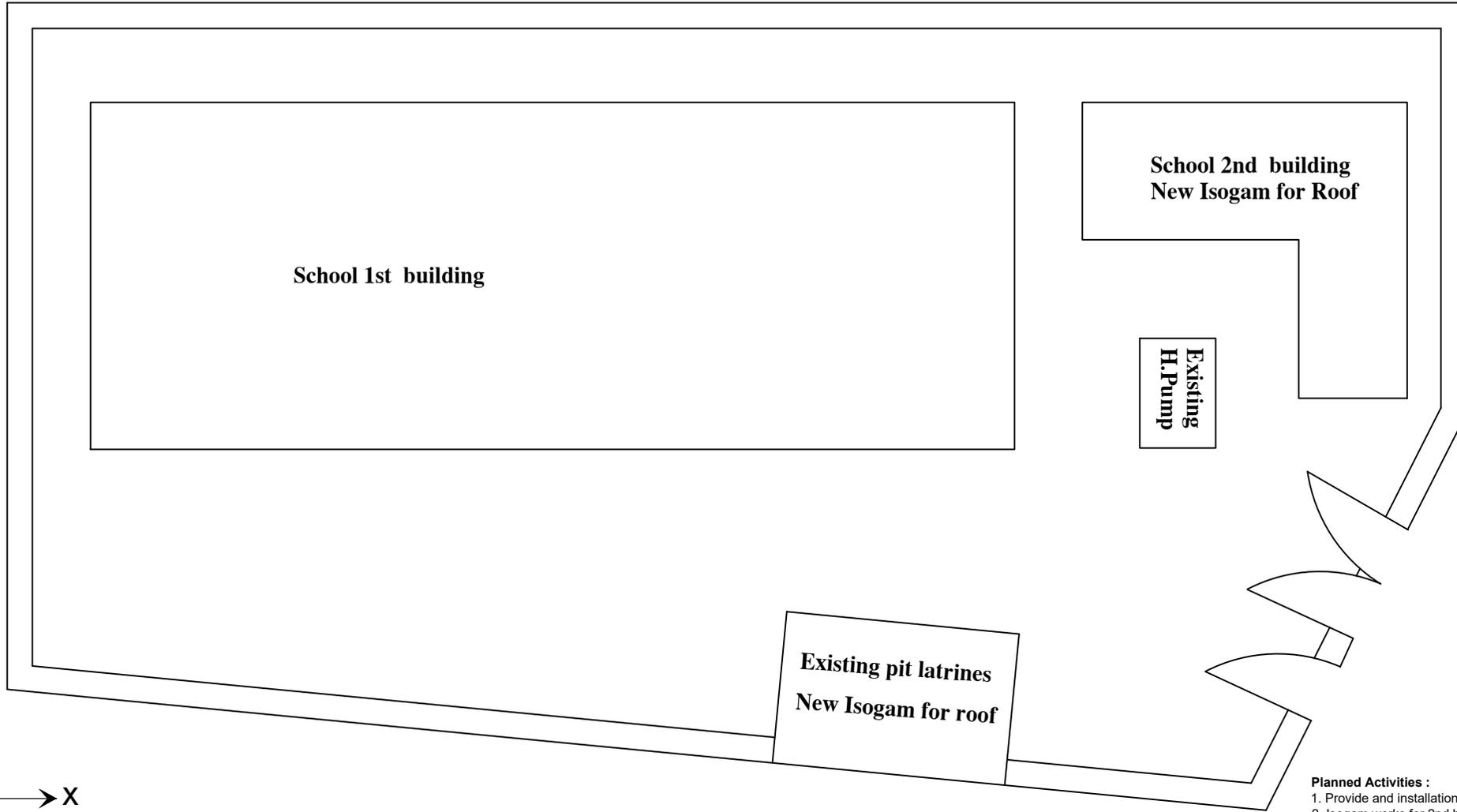
DRAWING TITLE
1- Site plan

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

Reviewed by		
Name	Position title	Signature



Ab Dara-e Begal high School Site Plan



- Planned Activities :**
1. Provide and installation of anti knock mesh for windows
 2. Isogam works for 2nd building and latrines roof
 3. Repairing the existing doors panels(replacing the wooden sheet 8mm from khar) for 4 doors of 2nd building



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SIP SCHOOLS REPAIR/IMPROVEMETN

PROJECT LOCATION/ADDRESS	
DISTRICT	SAIGHAN
SCHOOL NAME	Ab Dara-e High School
VILLAGE	Ab Dara-e Begal

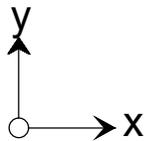
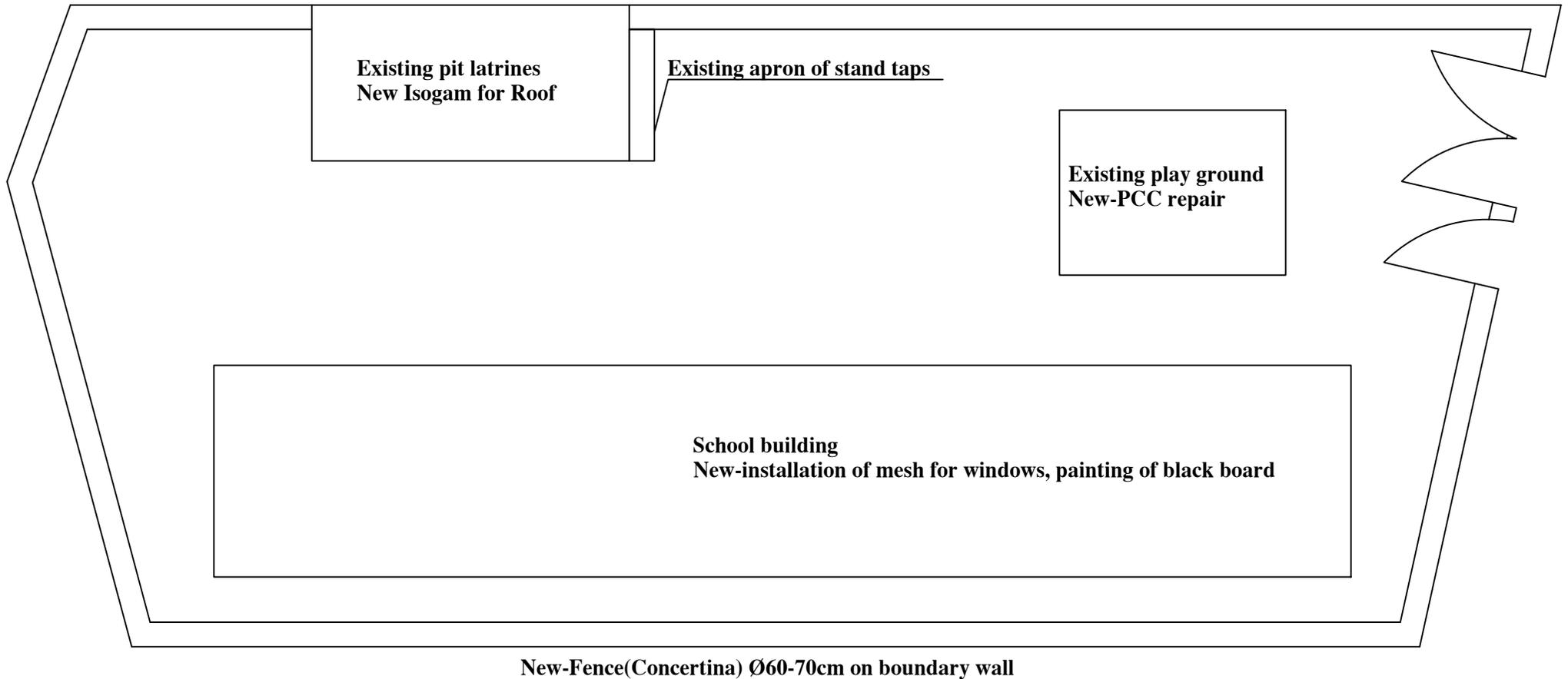
DRAWING TITLE
1- Site plan

Drawn by Jawed Omar	
Sheet# 21	
Grant: EC533	
Units	Scale

Reviewed by		
Name	Position title	Signature



Begal high School Site Plan



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

- 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



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SIP SCHOOLS REPAIR/IMPROVEMETN

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

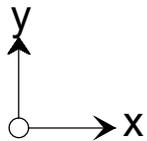
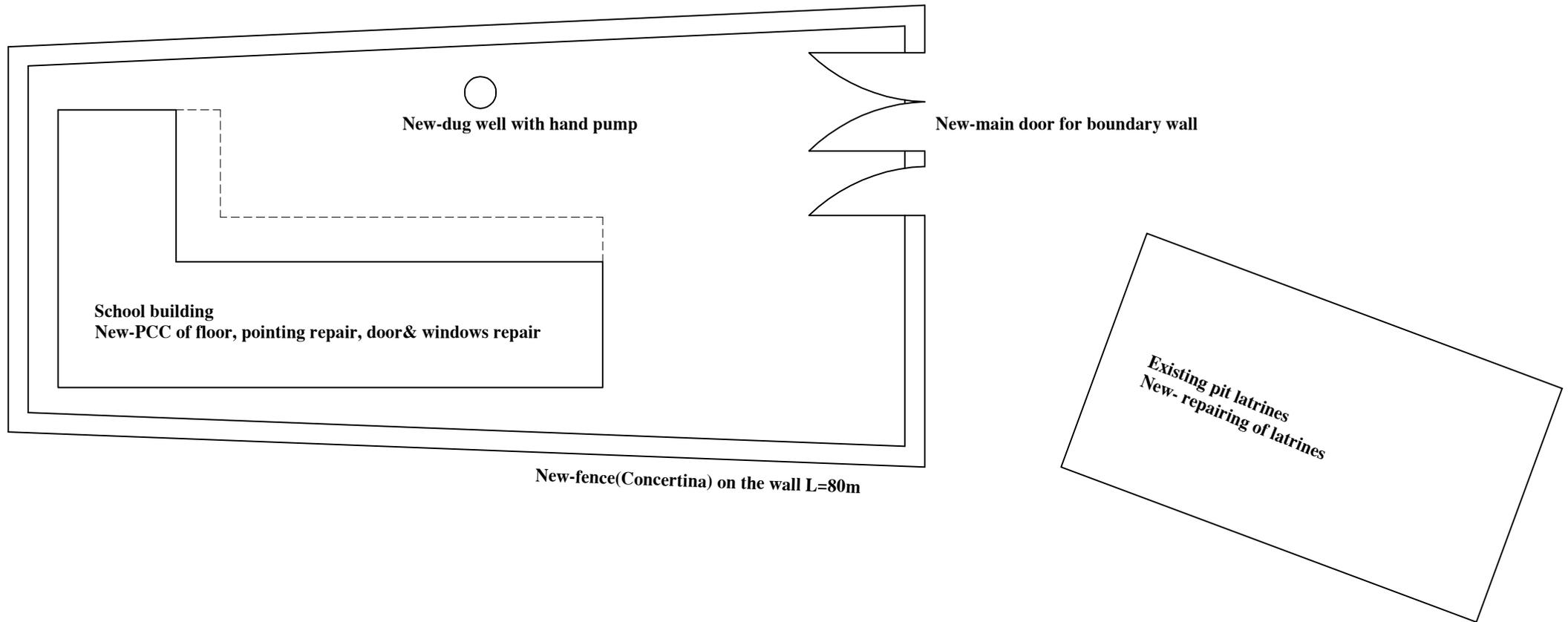
DRAWING TITLE
1- Site plan

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



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BAMYAN FIELD OFFICE
SIP SCHOOLS REPAIR/IMPROVEMETN

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

DRAWING TITLE
1- Site plan

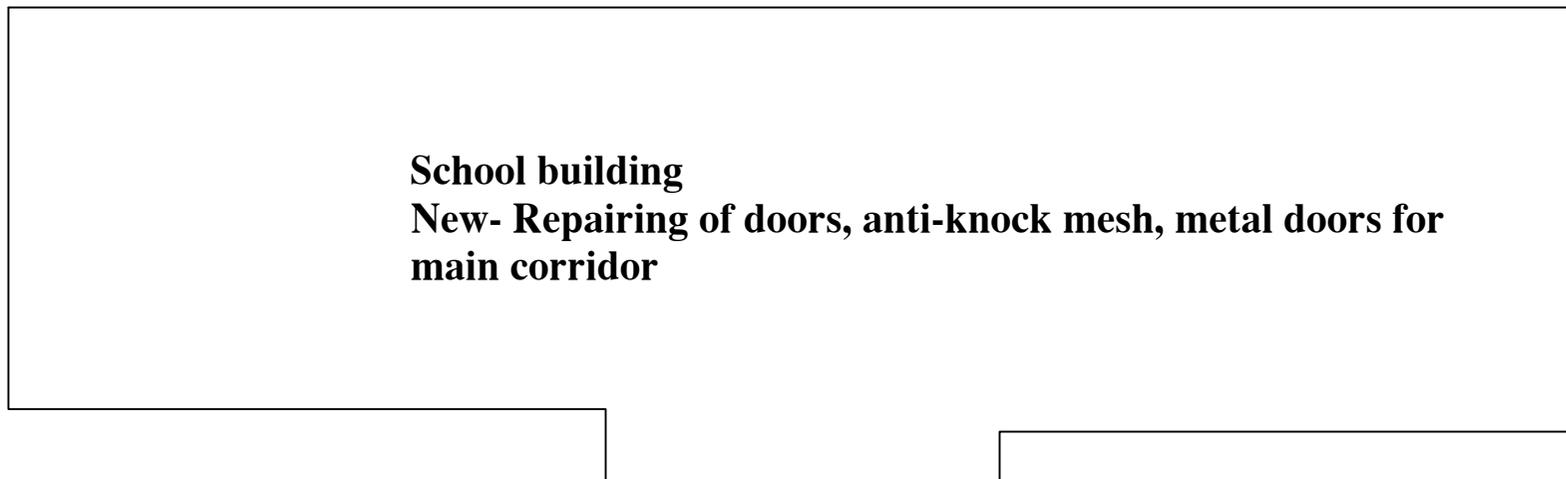
Drawn by Jawed Omar	
Sheet# 23	
Grant: EC533	
Units	Scale

Reviewed by		
Name	Position title	Signature

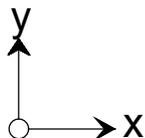


Ghorawchi Secondary School Site Plan

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



**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.



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

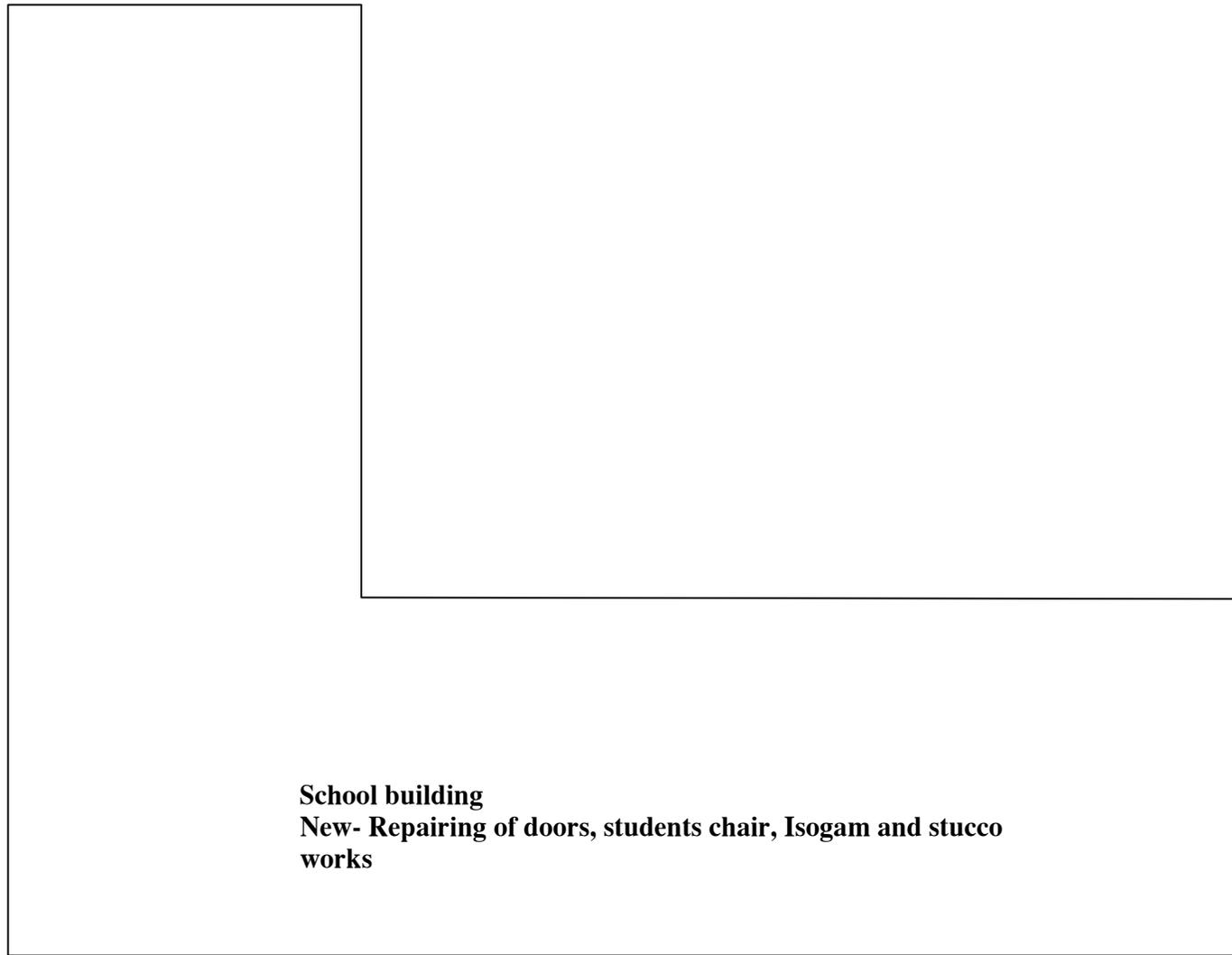
DRAWING TITLE
1- Site plan

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

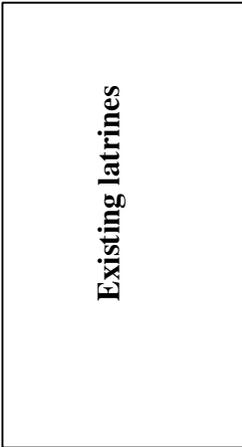
Reviewed by		
Name	Position title	Signature



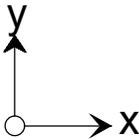
Bayani&Ashania High School Site Plan



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



Existing latrines



- 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



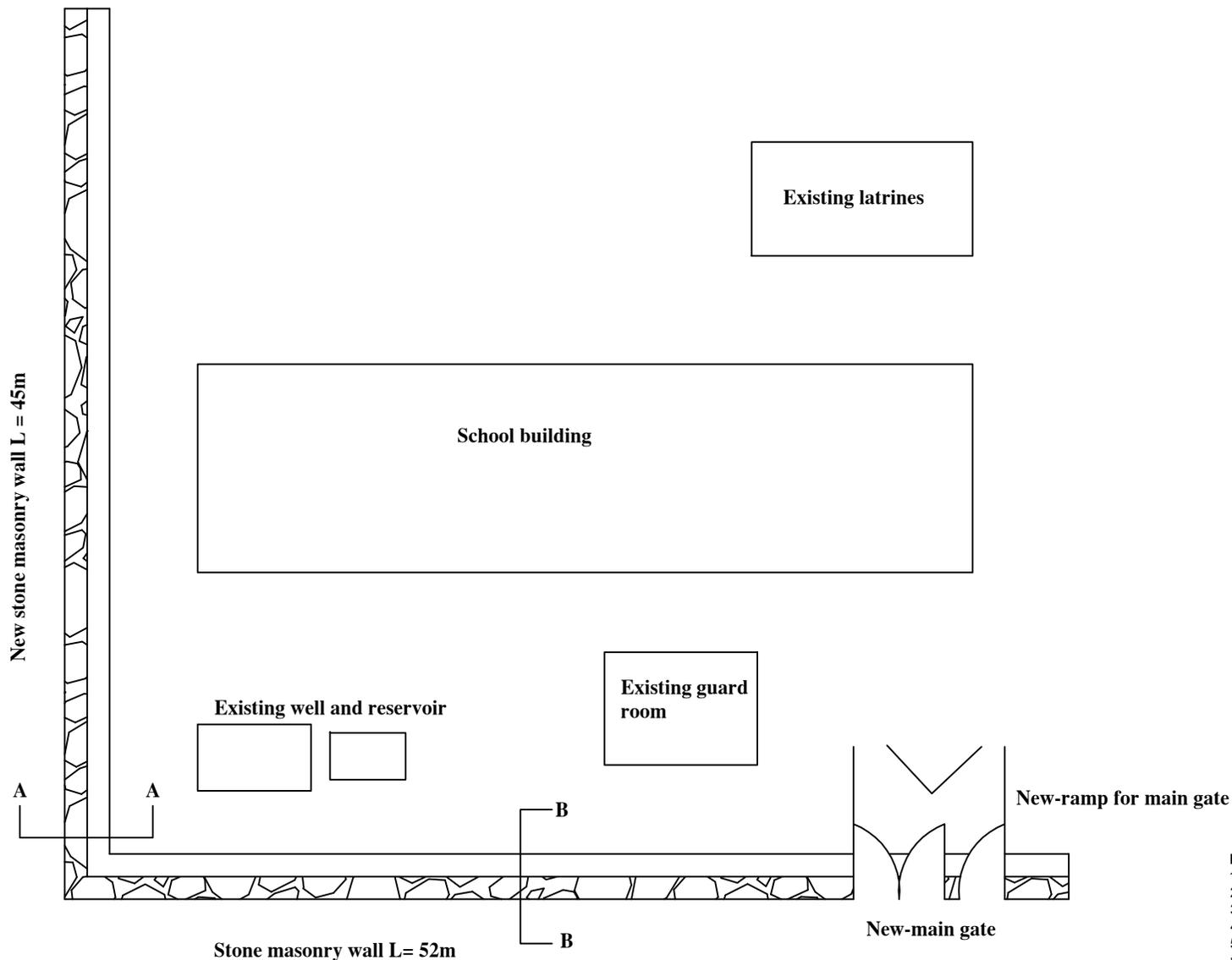
INTERNATIONAL RESCUE COMMITTEE
ENVIRONMENTAL HEALTH DEPARTMENT
BAMYAN FIELD OFFICE
SIP SCHOOLS REPAIR/IMPROVEMETN

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.



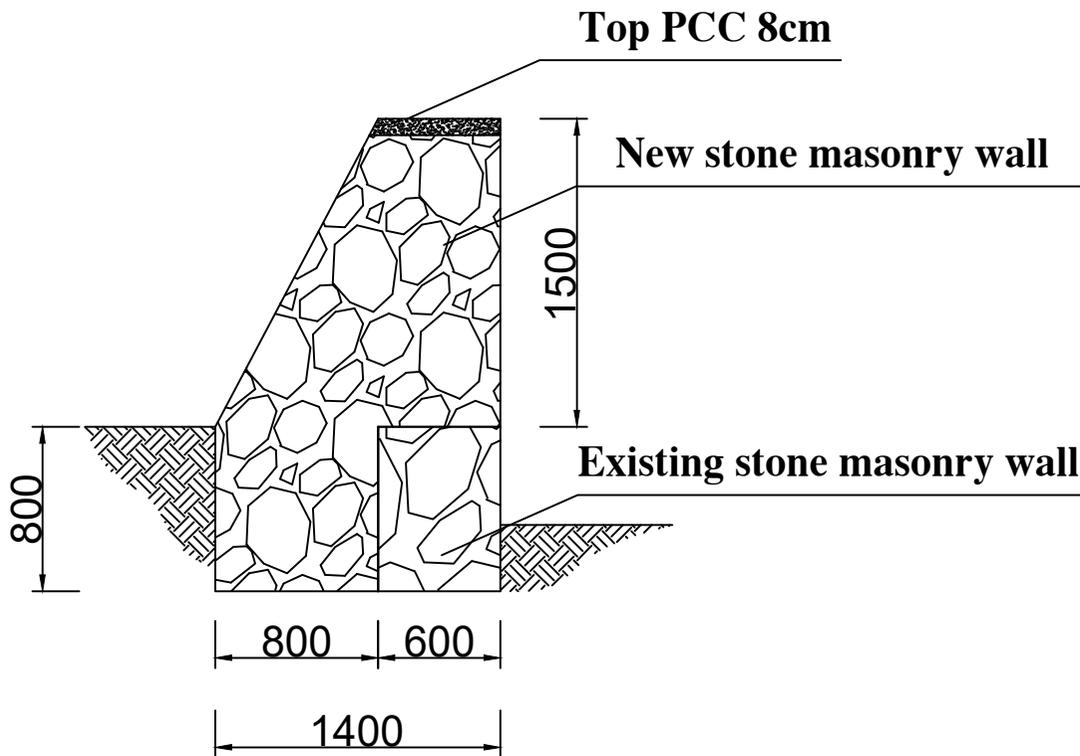
INTERNATIONAL RESCUE COMMITTEE
ENVIRONMENTAL HEALTH DEPARTMENT
BAMYAN FIELD OFFICE
SIP SCHOOLS REPAIR/IMPROVEMETN

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

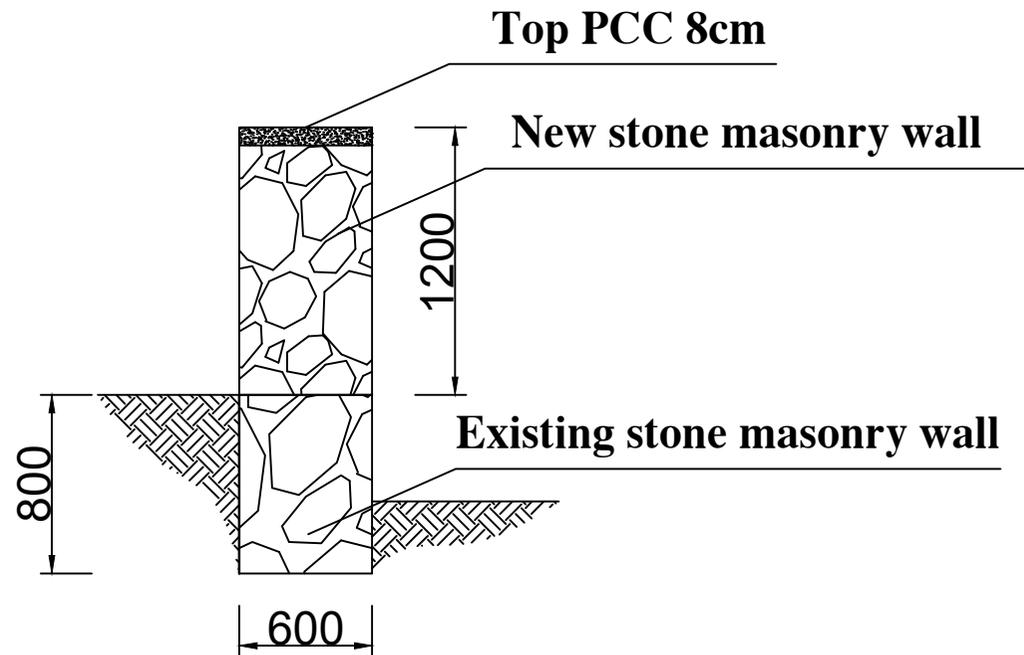
DRAWING TITLE
1- Site plan

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

Reviewed by		
Name	Position title	Signature



Section A-A



Section B-B



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

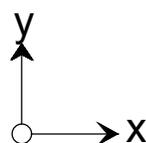
L = 35m

New stone masonry retaining wall

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



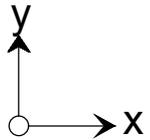
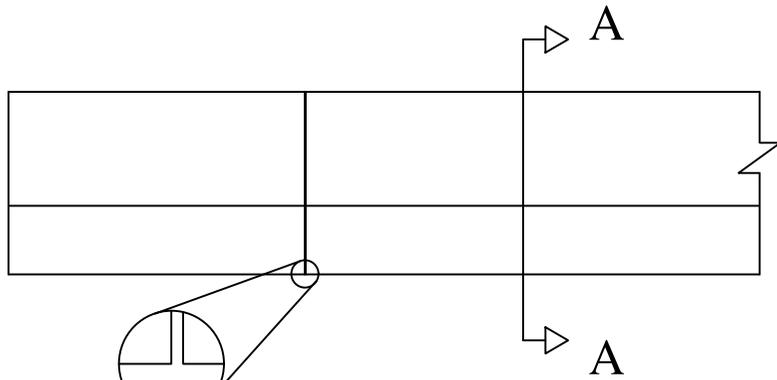
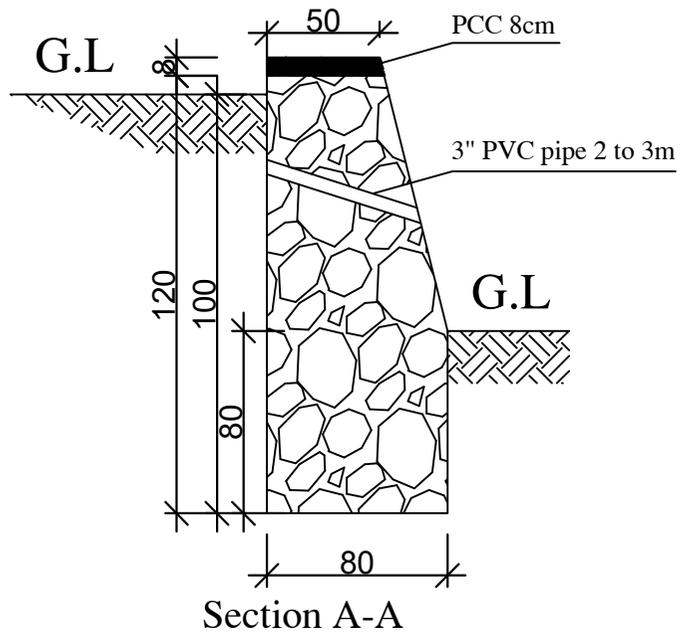
INTERNATIONAL RESCUE COMMITTEE
ENVIRONMENTAL HEALTH DEPARTMENT
BAMYAN FIELD OFFICE
SIP SCHOOLS REPAIR/IMPROVEMETN

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	Scale

Reviewed by		
Name	Position title	Signature



5 cm construction joint
after 10 to 15m



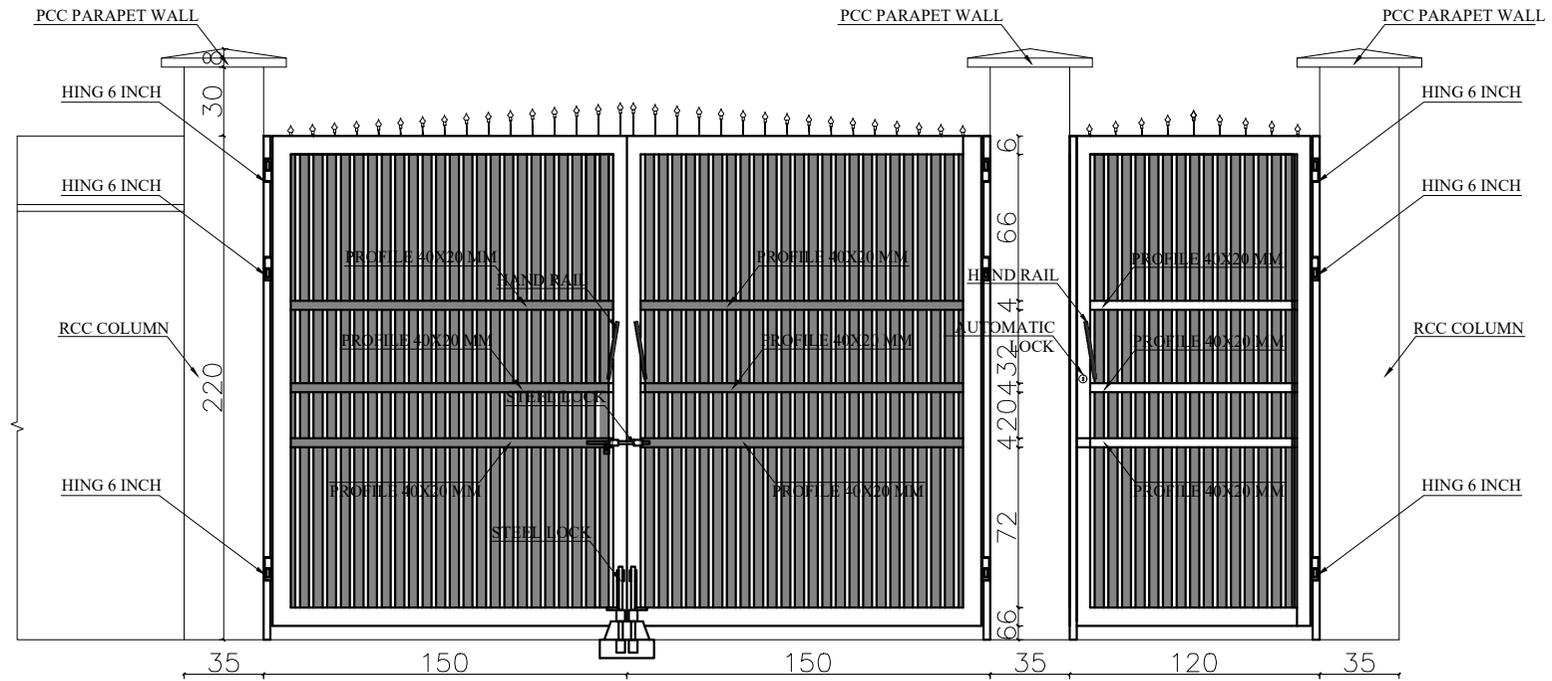
INTERNATIONAL RESCUE COMMITTEE
ENVIRONMENTAL HEALTH DEPARTMENT
BAMYAN FIELD OFFICE
SIP SCHOOLS REPAIR/IMPROVEMETN

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

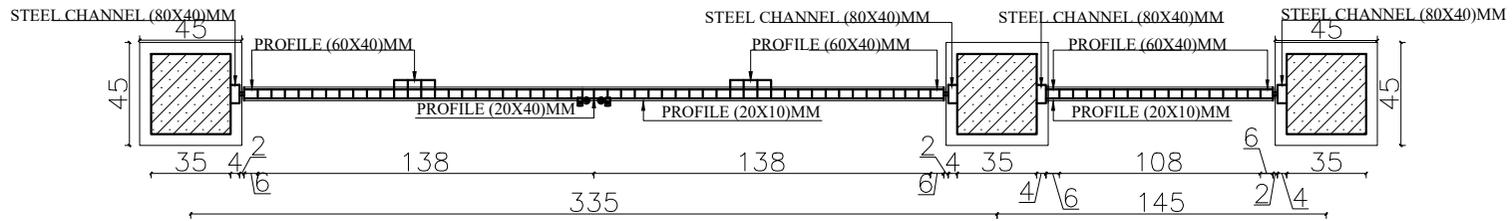
DRAWING TITLE
1- Site plan

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

Reviewed by		
Name	Position title	Signature



BACK ELEVATION



PLAN FOR DOORS
 DOOR FOR CARS(300X220)CM
 DOOR FOR STUDENT (120X220)CM



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
 DATE

MOE/MRRD/DAARTT
 AS SHOWN (A3)
 07/08/2018

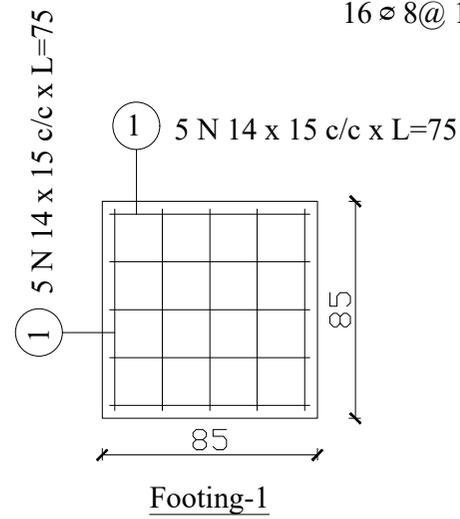
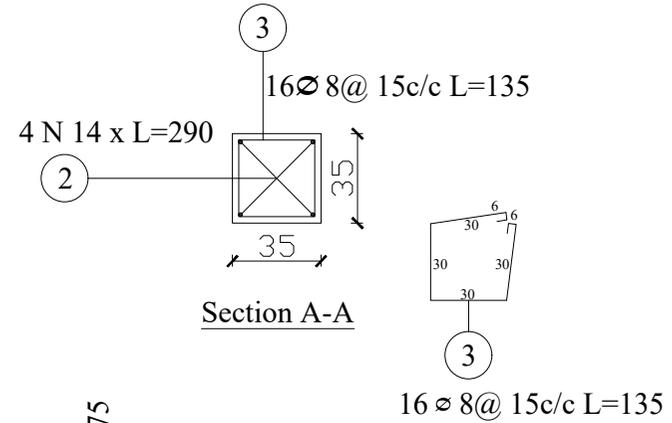
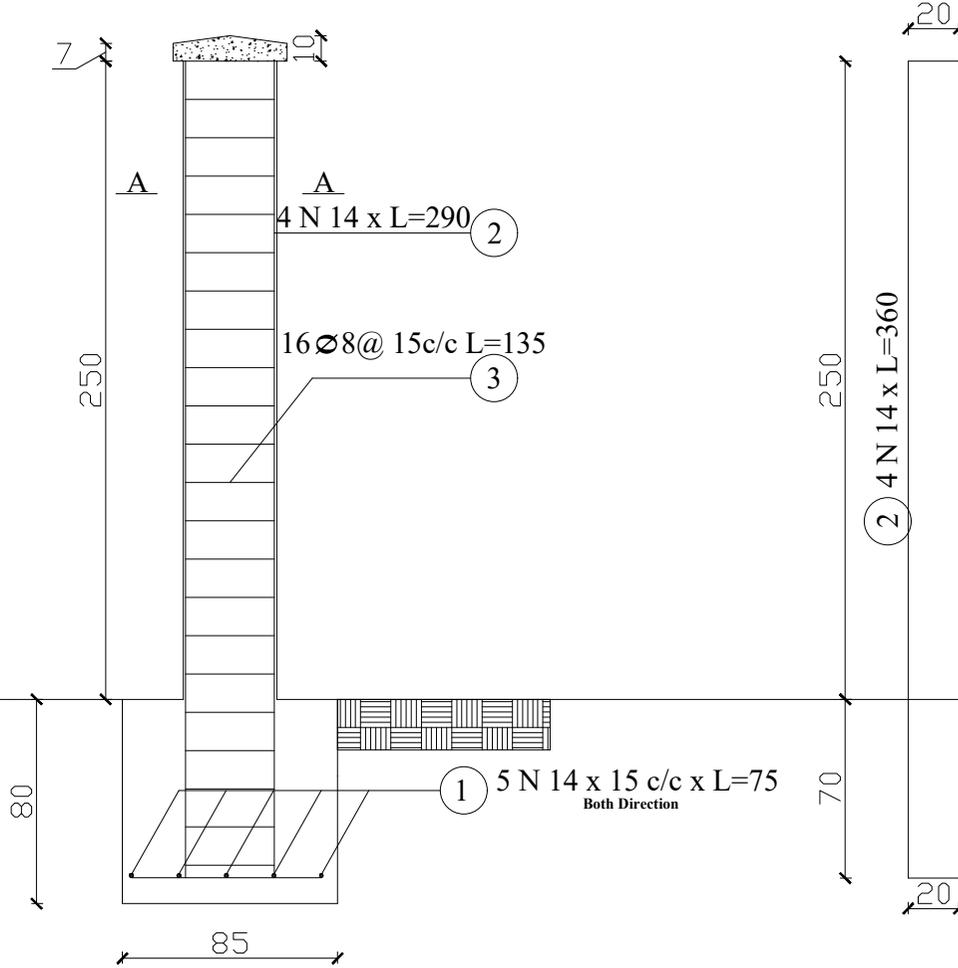
PROJECT NAME
 DRAWING TITLE

BRICK MASONRY BOUNDARY WALL
 MAIN GATE

SHEET NO.



Column-1 /Nos-3



MINISTRY OF EDUCATION DEPARTMENT OF CONSTRUCTION



PROTOTYPE SCHOOL DESIGN IN AFGHANISTAN

ARCHITECT/DESIGN	M.DARWISH	Combined technical team	MOE/MRRD/DAARTT
PREPLANNED & CHECKED BY	DAARTT	SCALE	AS SHOWN (A3)
TECH- APPROVED BY		DATE	07/08/2018

PROJECT NAME	BRICK MASONRY BOUNDARY WALL
DRAWING TITLE	COLUMN FOOTING

SHEET NO.



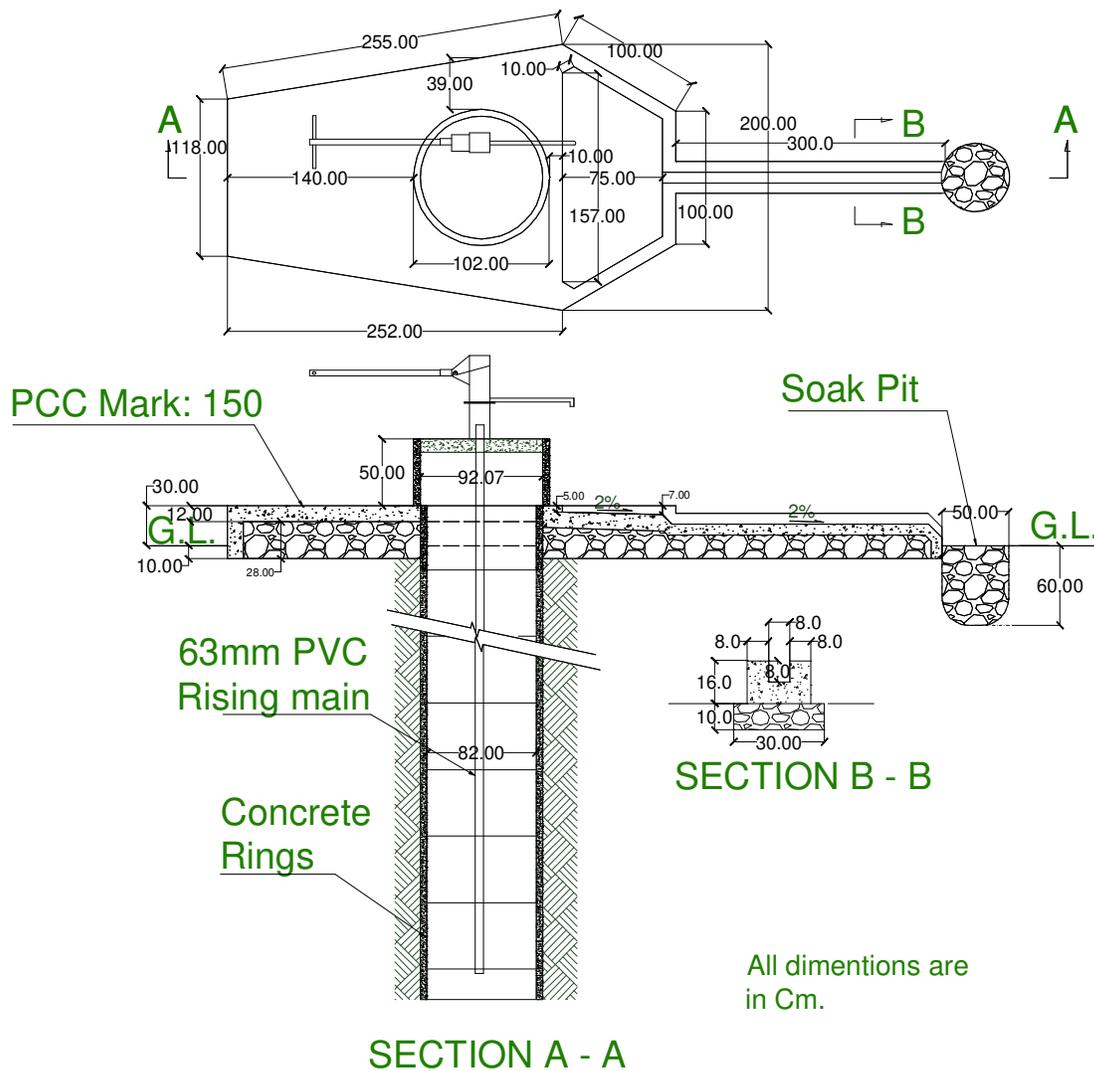


Guideline No.2 on: Dugwell Design.

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.

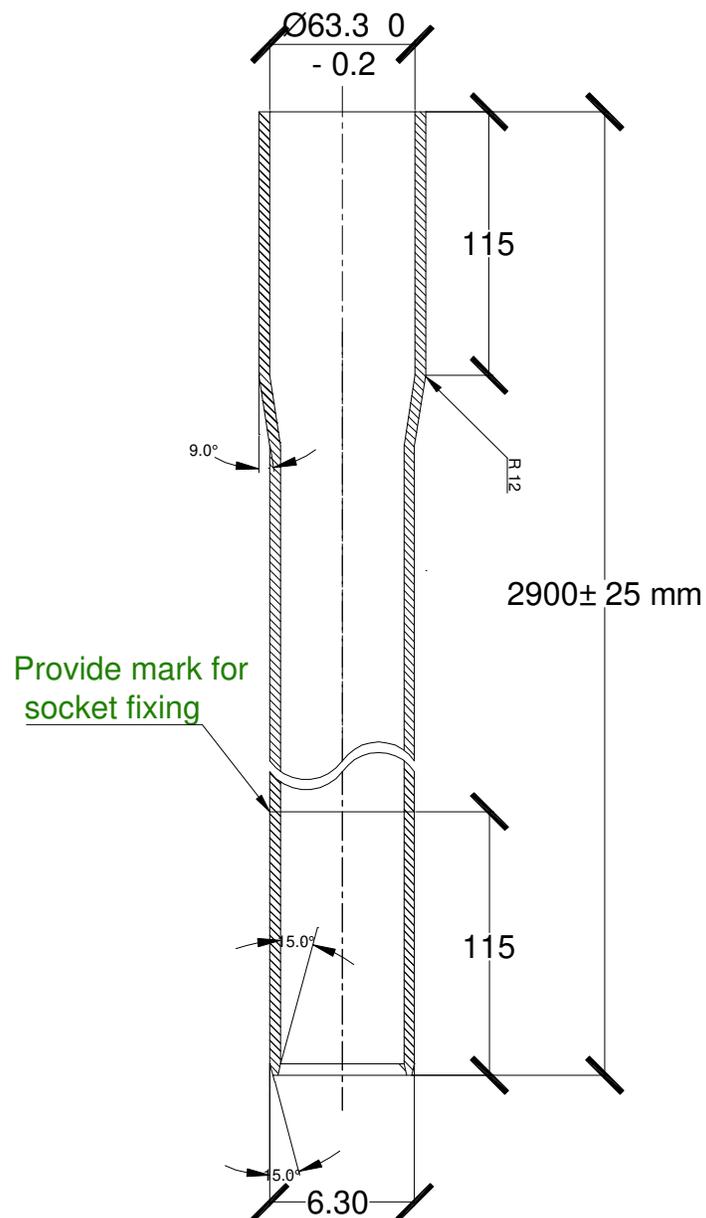
Work Specifications:

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

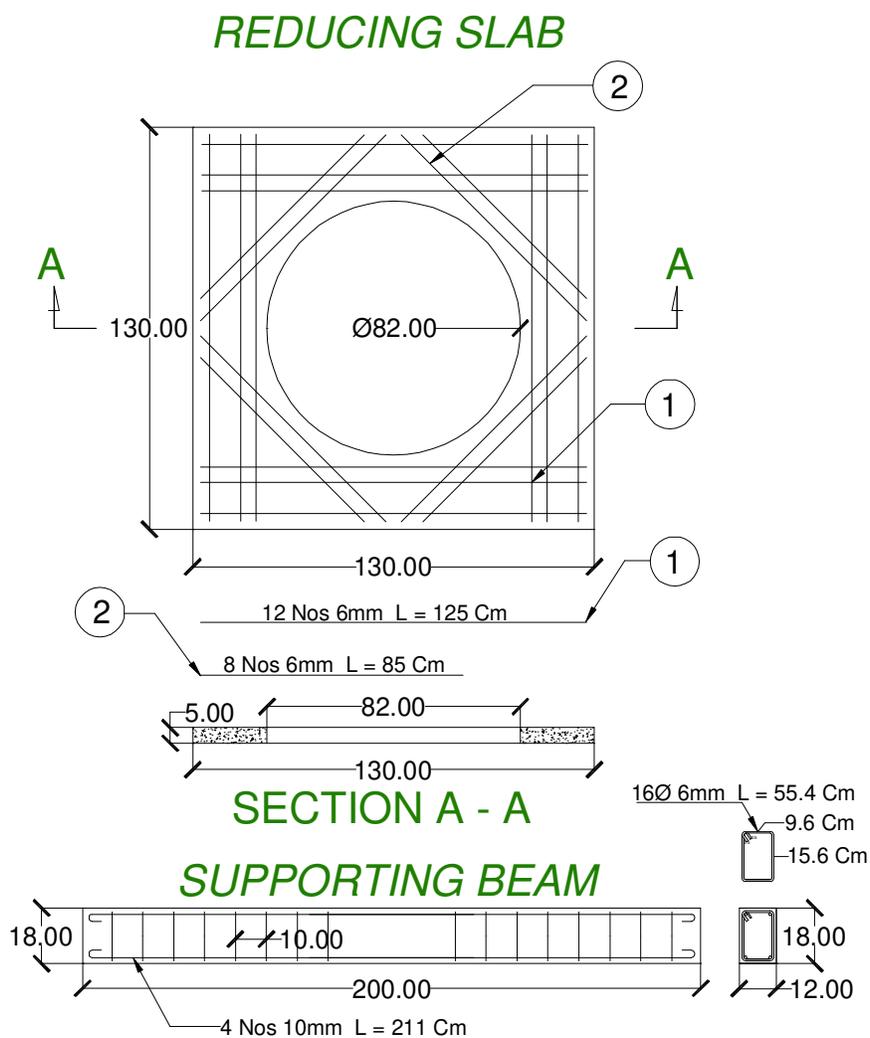
Socket Internal Diameter = 63.3 mm - 0.2

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



Guideline No.2 on: Dugwell Design.

DUGWELL CONCRETE ELEMENTS:

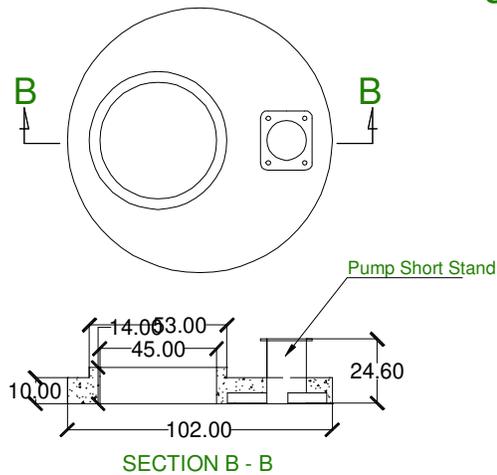




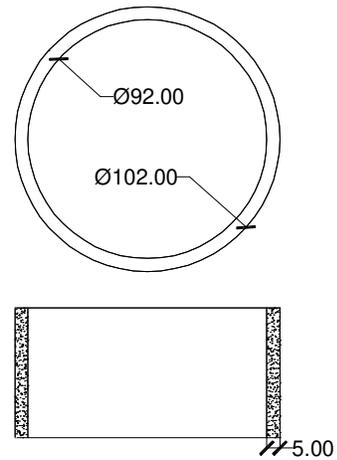
Guideline No.2 on: Dugwell Design.

DUG WELL CONCRETE ELEMENTS:

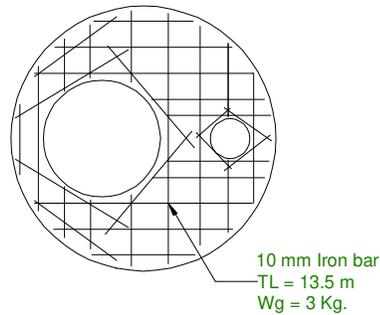
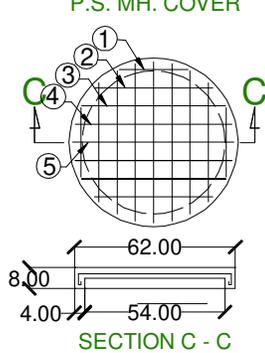
PEDESTAL SLAB



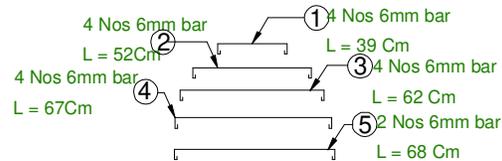
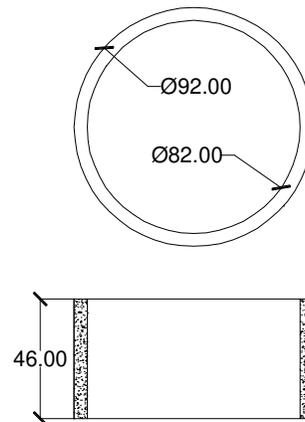
CONCRETE TOP RING



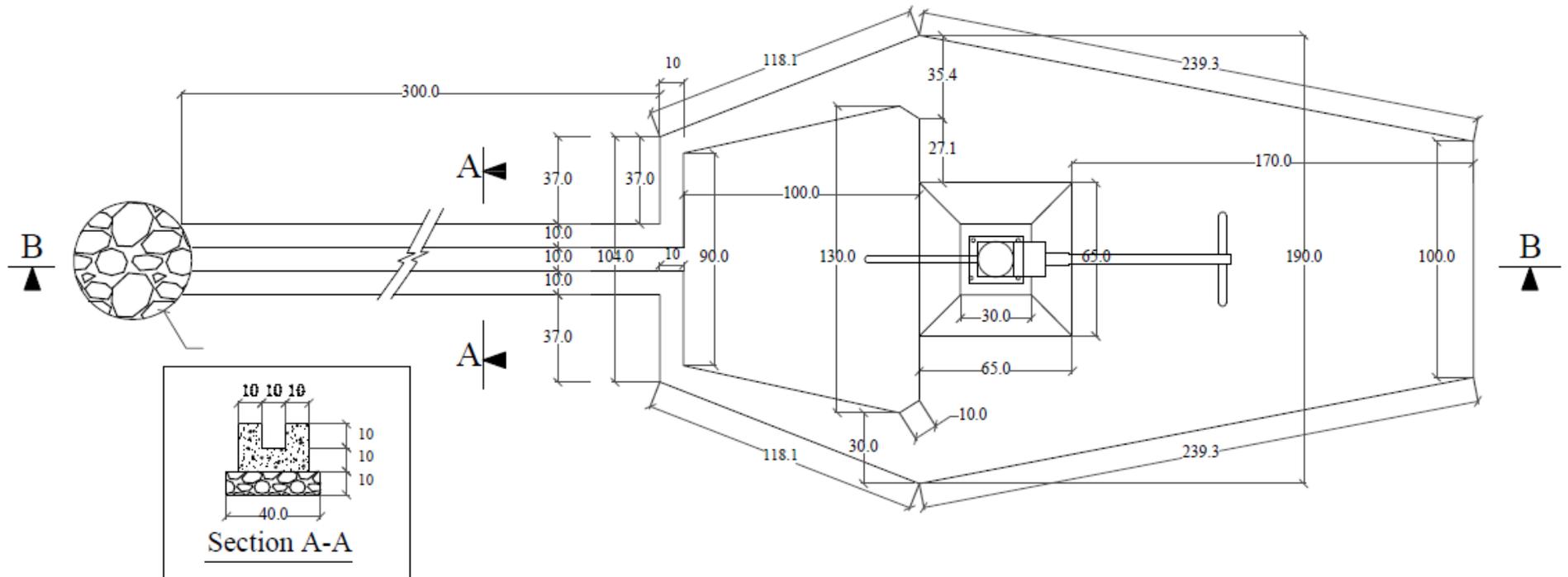
P.S. MH. COVER



CONCRETE RING



Bore Well with Hand Pump



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

Plan



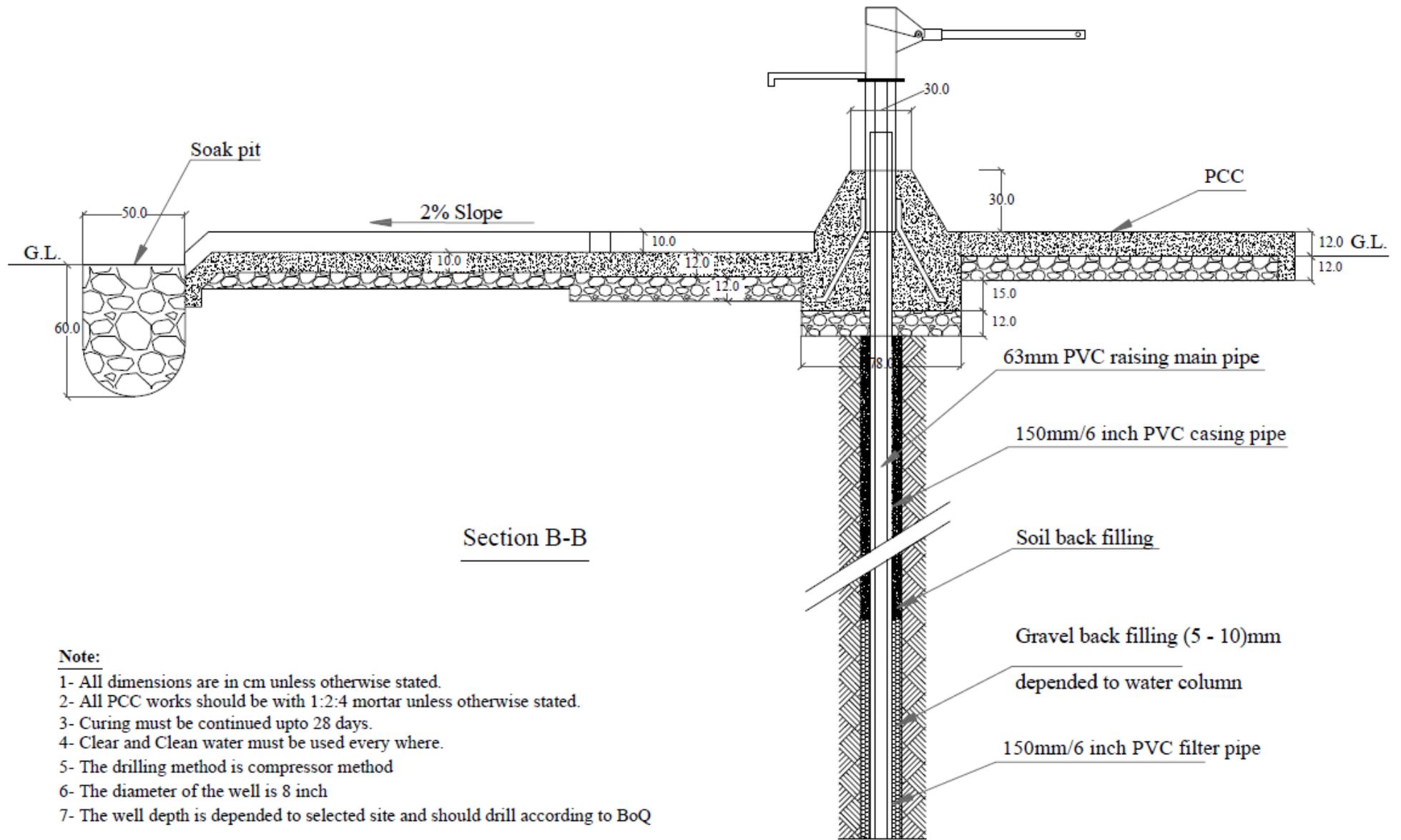
INTERNATIONAL RESCUE COMMITTEE
ENVIRONMENTAL HEALTH DEPARTMENT
BAMYAN FIELD OFFICE
SIP SCHOOLS REPAIR/IMPROVEMETN

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	Scale
Centimeter	

Reviewed by		
Name	Position title	Signature



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



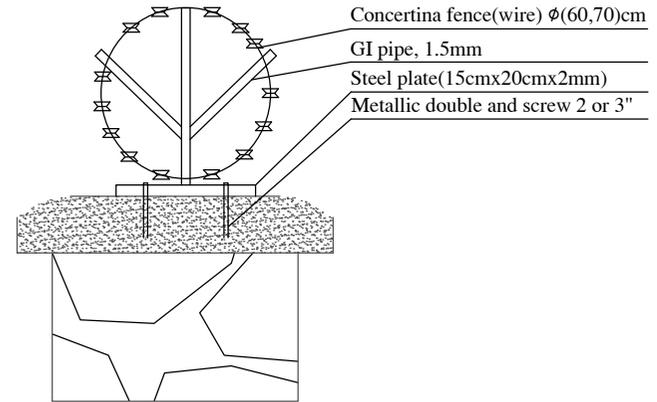
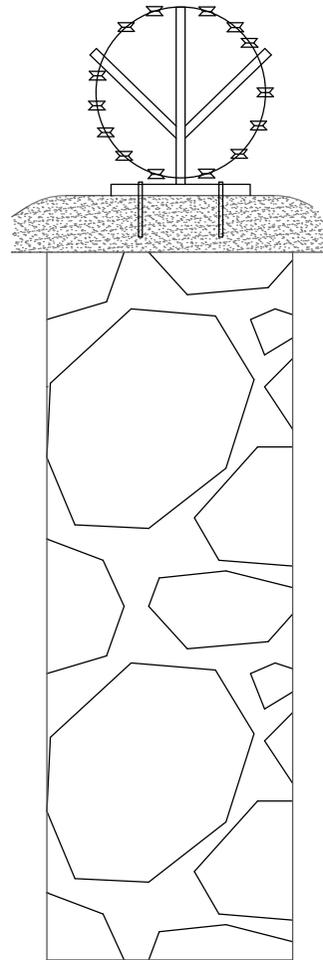
INTERNATIONAL RESCUE COMMITTEE
ENVIRONMENTAL HEALTH DEPARTMENT
BAMYAN FIELD OFFICE
SIP SCHOOLS REPAIR/IMPROVEMETN

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

DRAWING TITLE
1- Site plan

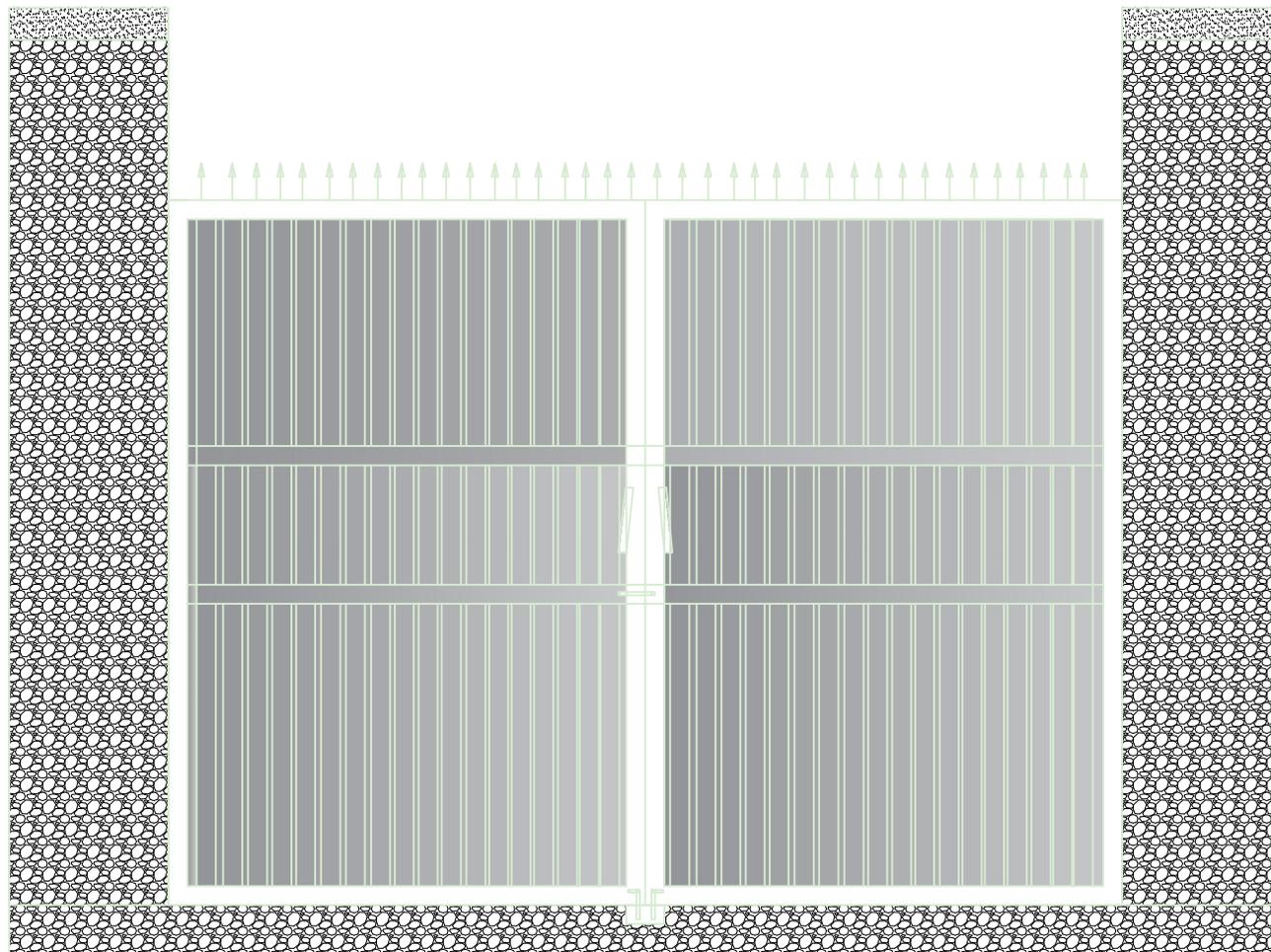
Drawn by Jawed Omar	
Sheet# 05	
Grant: EC533	
Units	Scale
Centimeter	

Reviewed by		
Name	Position title	Signature

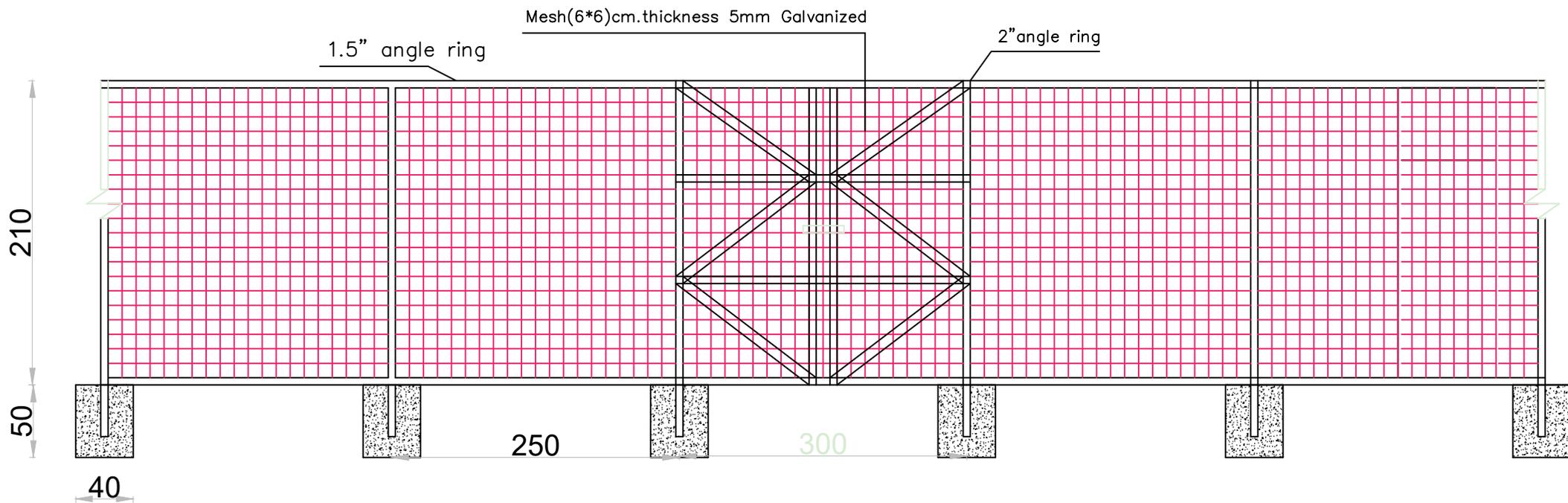


Typical section

.NRC logo.jpg	International Rescue Committee		Department: Environmental Health	Drawing Title: Boundry wall Section
	Design	Eng. Amanullah Ibrahim	Province: Bamyaaan	Scale: 1:150 Measuring Scale: cm (Otherwise mentioned)
	Drawing	Eng. Amanullah Ibrahim	District : Shibar	Sheet: 1/1



.IRC logo.jpg	International Rescue Committee		Department: Environmental Health	Drawing Title: Main Door section(Kangoor)
	Design	Eng. Amanullah Ibrahim	Province: Bamyaaan	Scale: 1:150 Measuring Scale: cm (Otherwise mentioned)
	Drawing	Eng. Amanullah Ibrahim	District : Shibar	Sheet: 1/1



Boundry wall Fence Elevation M 1:100



International Rescue Committee

Department: Environmental Health

Drawing Title: fence Elevation

Design

Eng. Amanullah Ibrahim

Province: Bamyaa

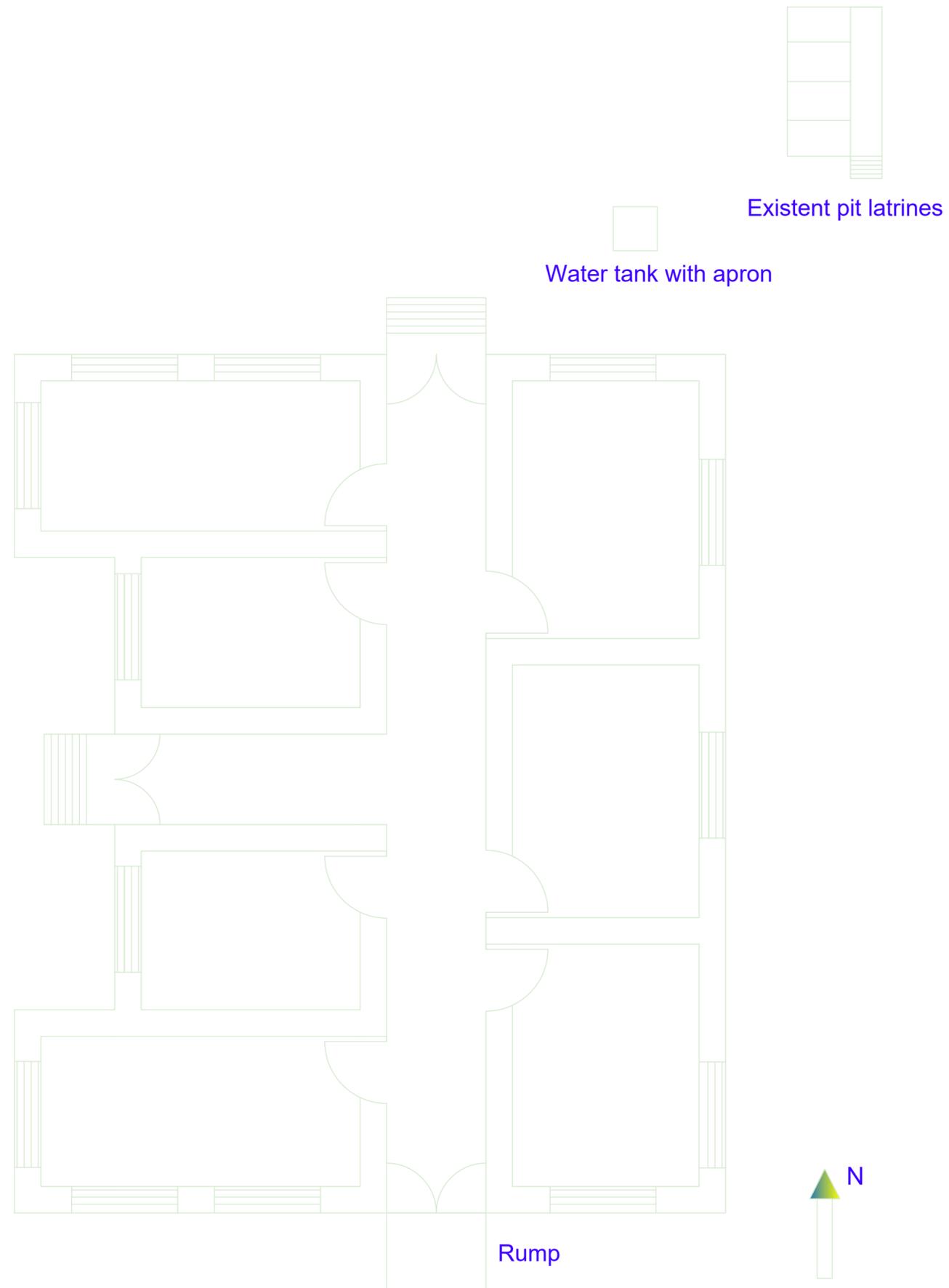
Scale: 1:150
Measuring Scale: cm (Otherwise mentioned)

Drawing

Eng. Amanullah Ibrahim

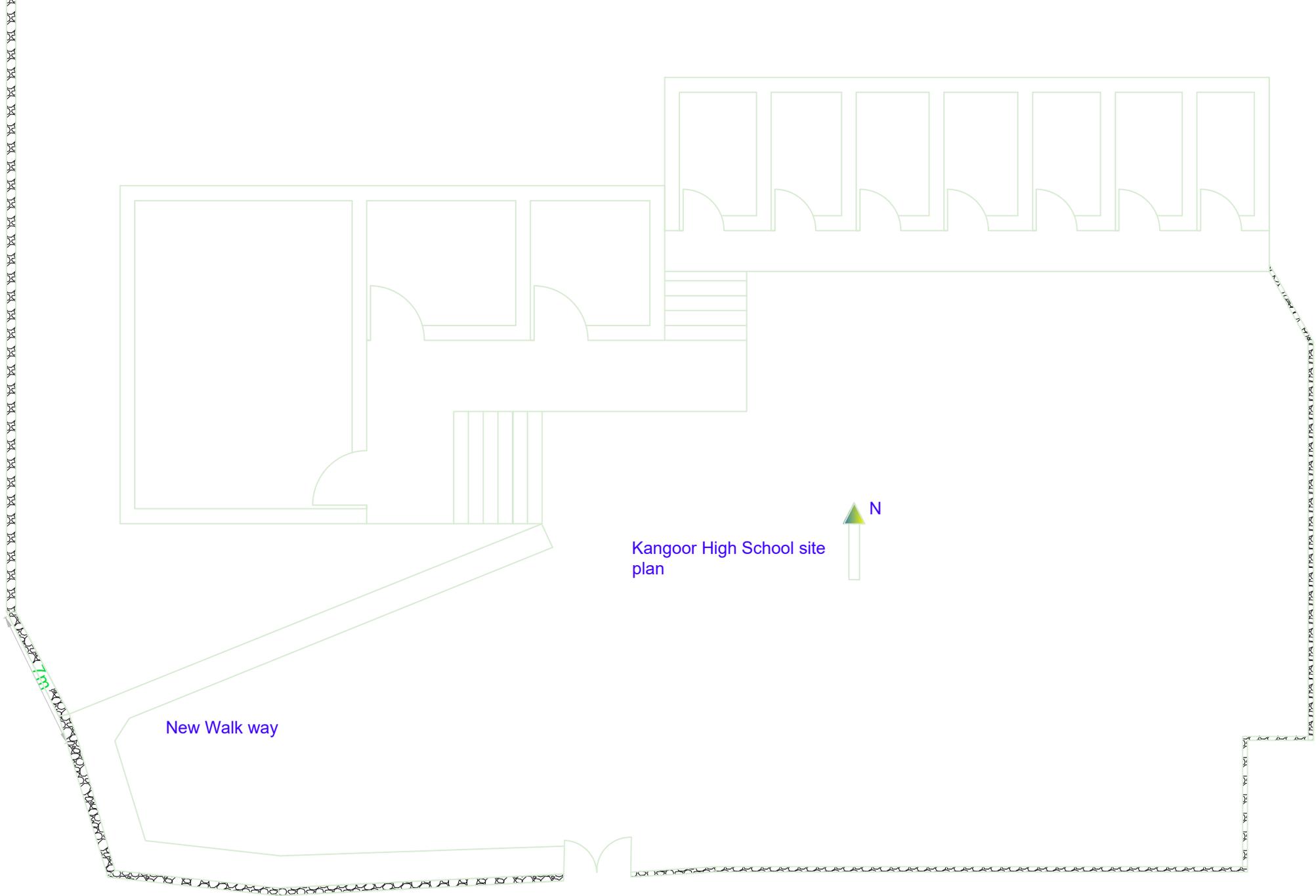
District: Saighan Qara Khawal School

Sheet: 1/1



Site plan of Jola Secondary School

.IRC logo.jpg	International Rescue Committee		Department: Environmental Health	Drawing Title: Site plan Drawing
	Design	Eng. Amanullah Ibrahim	Province: Bamyaa	Scale: 1:100 Measuring Scale: cm (Otherwise mentioned)
	Drawing	Eng. Amanullah Ibrahim	District :Shibar	Sheet: 1/1



Kangoor High School site plan

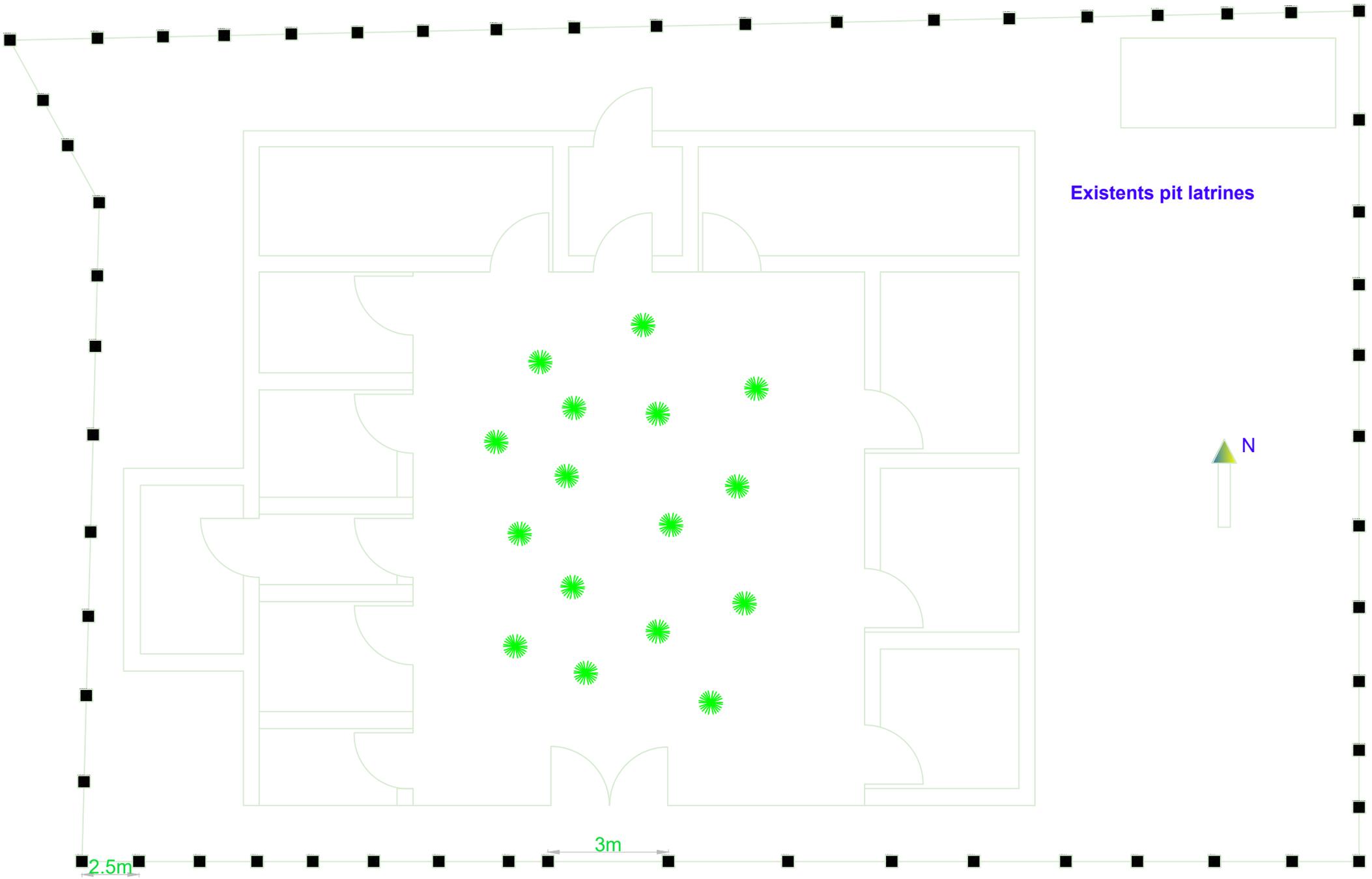
New Walk way



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



.IRC logo.jpg	International Rescue Committee		Department: Environmental Health	Drawing Title: Walk way Plan
	Design	Eng. Amanullah Ibrahim	Province: Bamyaaan	Scale: 1:150 Measuring Scale: cm (Otherwise mentioned)
	Drawing	Eng. Amanullah Ibrahim	District: Shibar	Sheet: 1/1

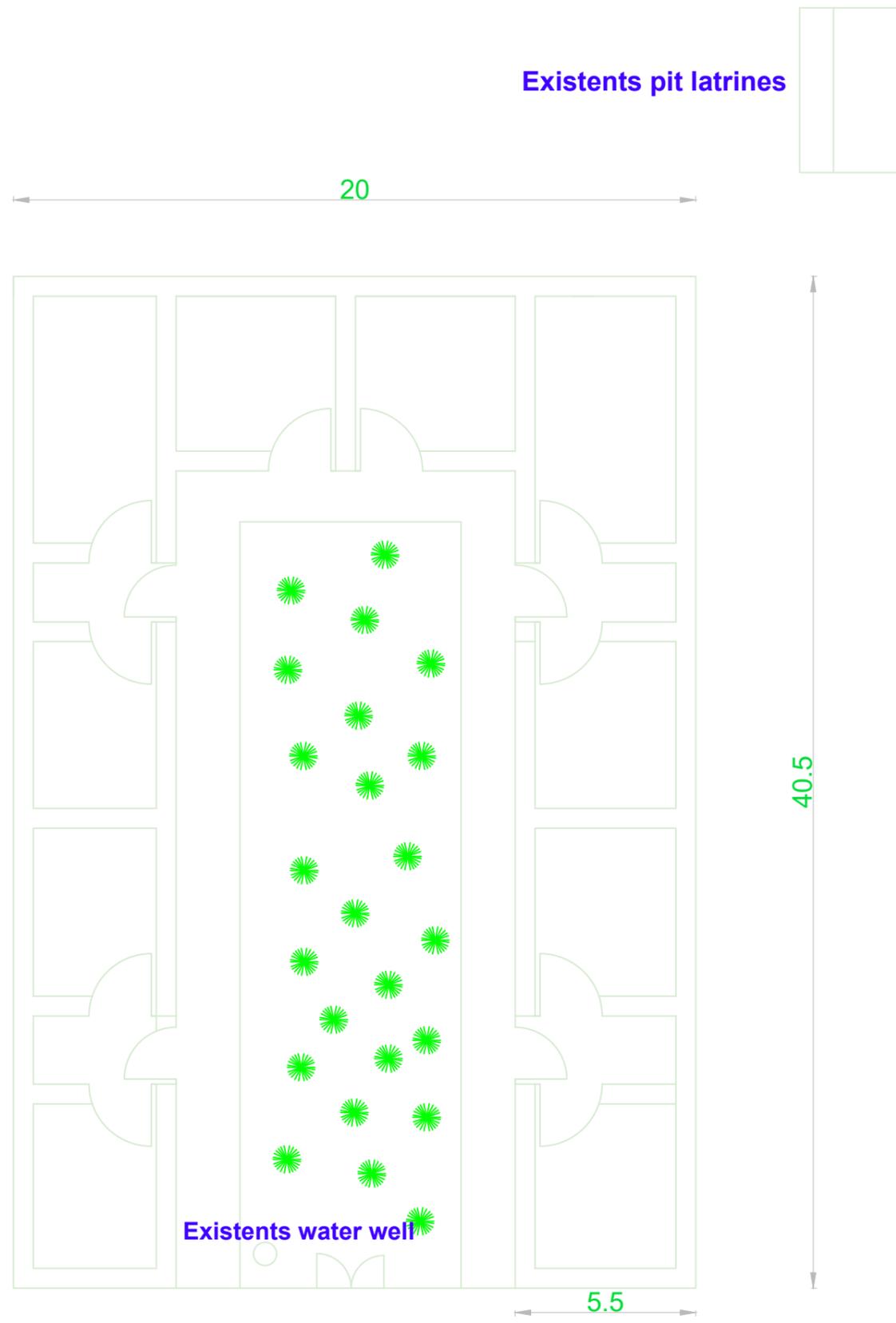


Existents pit latrines



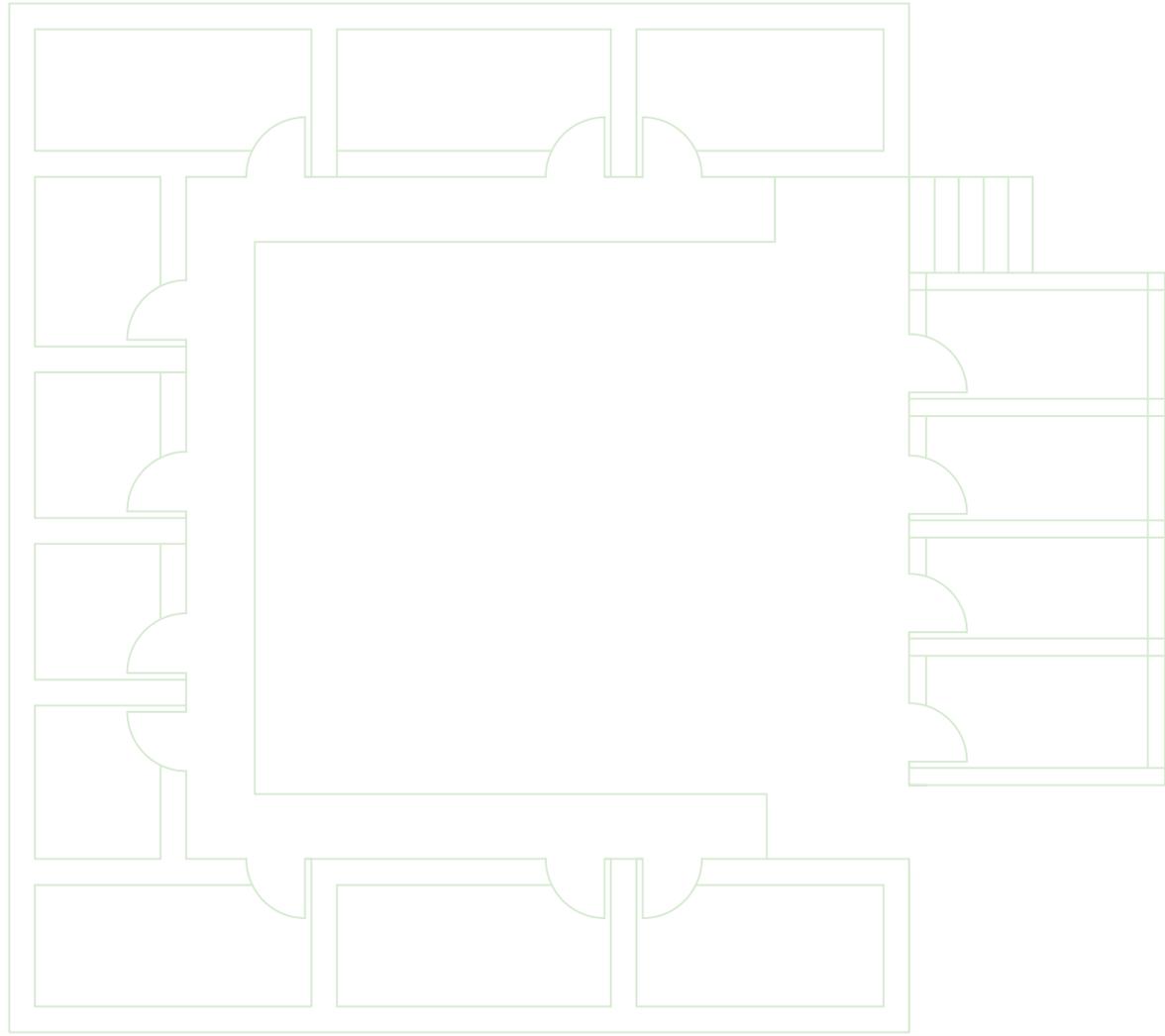
Qara Khawal High School

.IRRC logo.jpg	International Rescue Committee		Department: Environmental Health	Drawing Title: Fence Front view
	Design	Eng. Amanullah Ibrahim	Province: Bamyaaan	Scale: 1:150 Measuring Scale: cm (Otherwise mentioned)
	Drawing	Eng. Amanullah Ibrahim	District : Saighan	Sheet: 1/1



Site plan of Mukhtalat Najmudin Secondary School

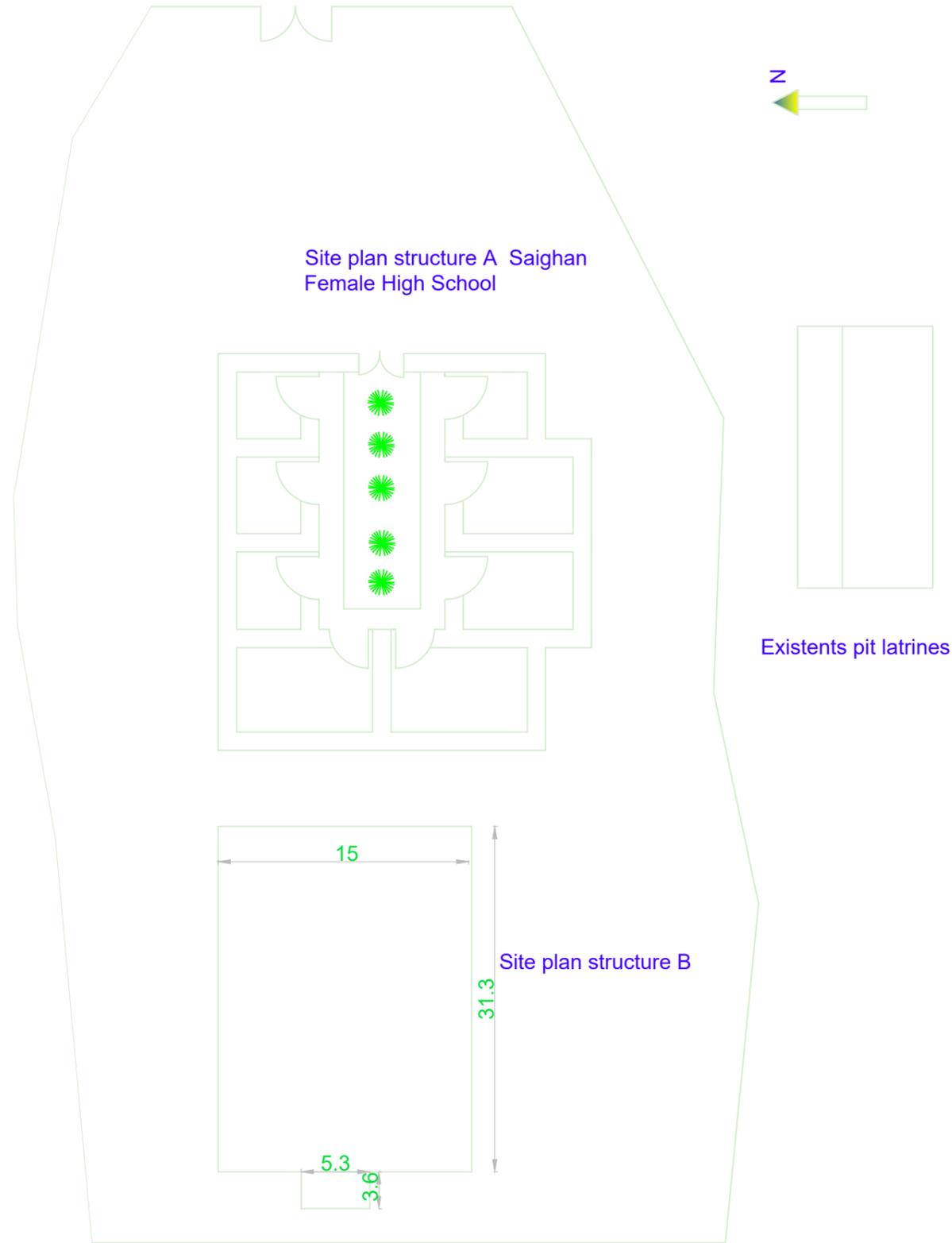
.IRC logo.jpg	International Rescue Committee		Department: Environmental Health	Drawing Title: Site plan Drawing
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	Drawing	Eng. Amanullah Ibrahim	District :Shibar	Sheet: 1/1



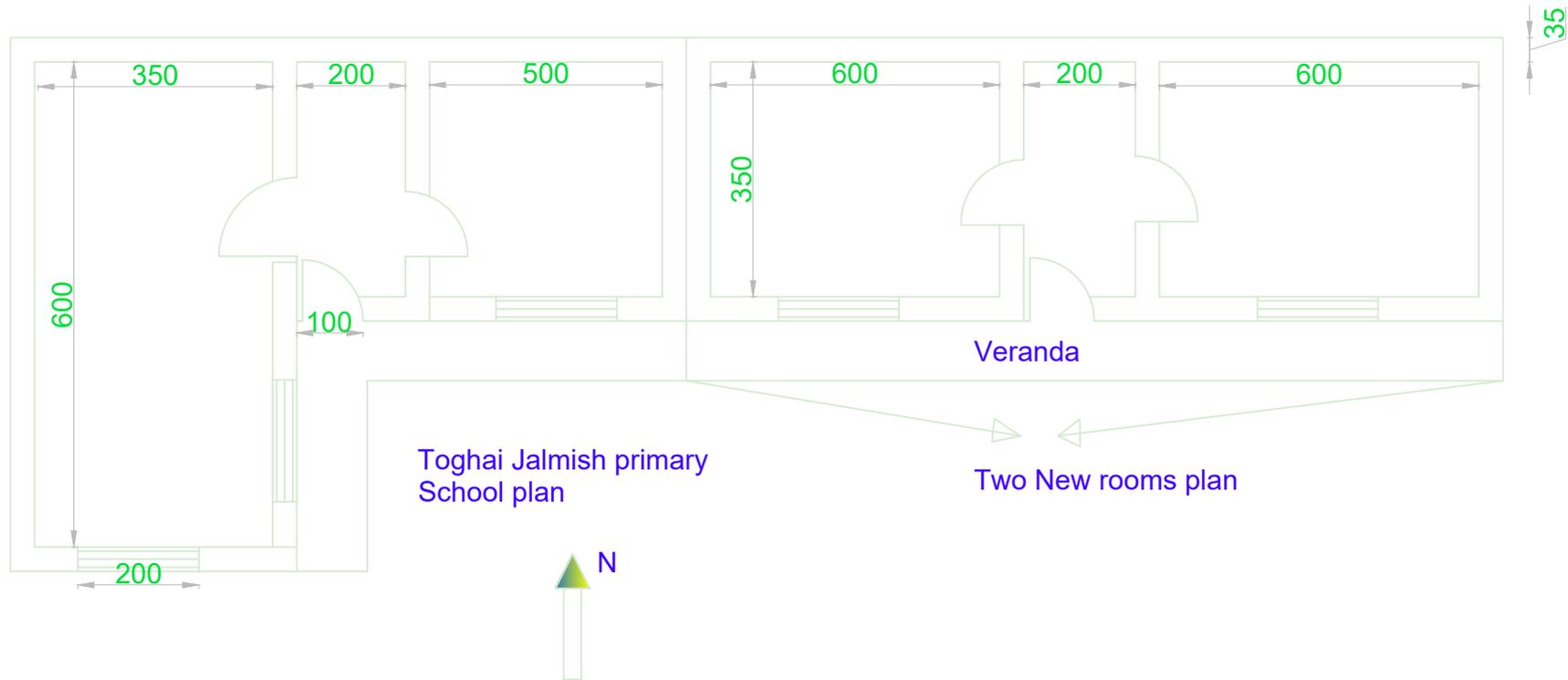
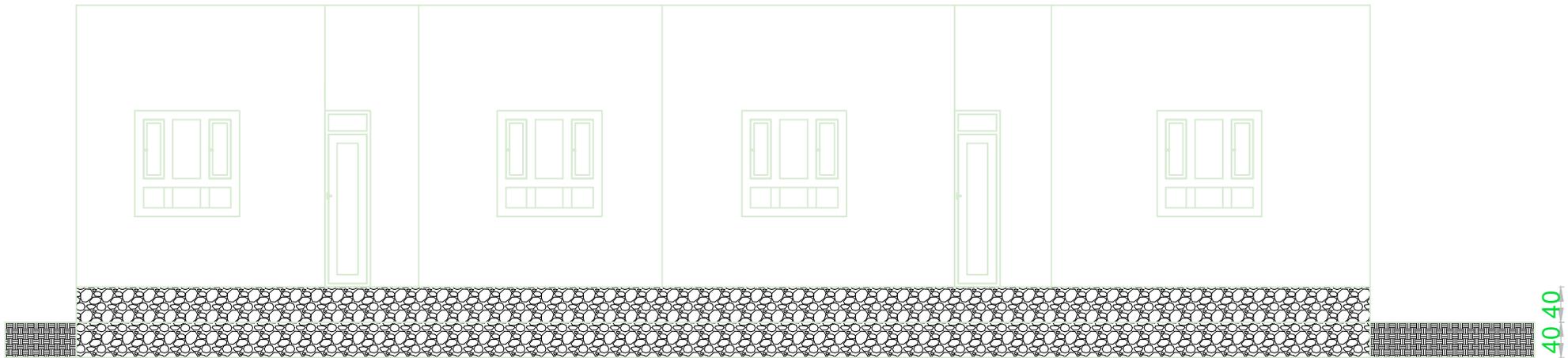
Existents pit latrines

Site plan Said Baba Female High School

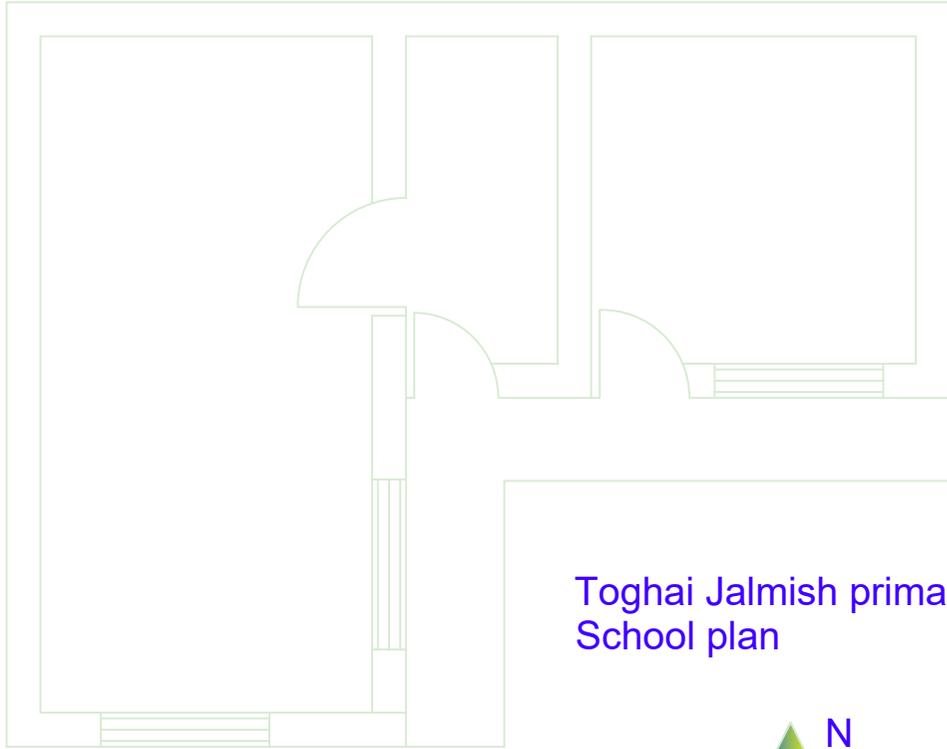
.NRC logo.jpg	International Rescue Committee		Department: Environmental Health	Drawing Title: Fence Front view
	Design	Eng. Amanullah Ibrahim	Province: Bamyaaan	Scale: 1:150 Measuring Scale: cm (Otherwise mentioned)
	Drawing	Eng. Amanullah Ibrahim	District : Saighan	Sheet: 1/1



.IRC logo.jpg	International Rescue Committee		Department: Environmental Health	Drawing Title: Site plan Drawing
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	Drawing	Eng. Amanullah Ibrahim	District :Shibar	Sheet: 1/1



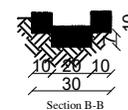
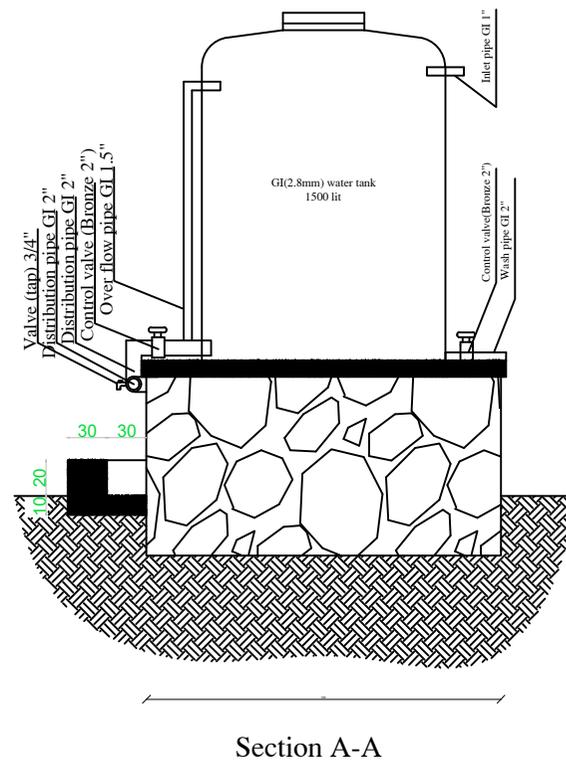
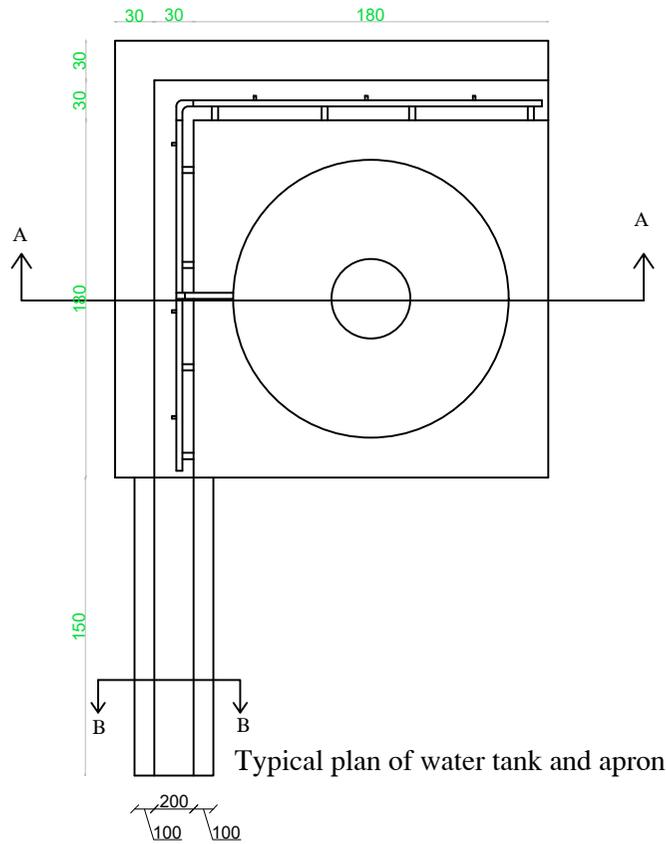
.IRC logo.jpg	International Rescue Committee		Department: Environmental Health	Drawing Title: Sit plan
	Design	Eng. Amanullah Ibrahim	Province: Bamyaa	Scale: 1:150 Measuring Scale: cm (Otherwise mentioned)
	Drawing	Eng. Amanullah Ibrahim	District : Shibar	Sheet: 1/1



Toghai Jalmish primary
School plan



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



.IRRC logo.jpg	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