

MINISTRY OF EDUCATION

(MOE/ISD)

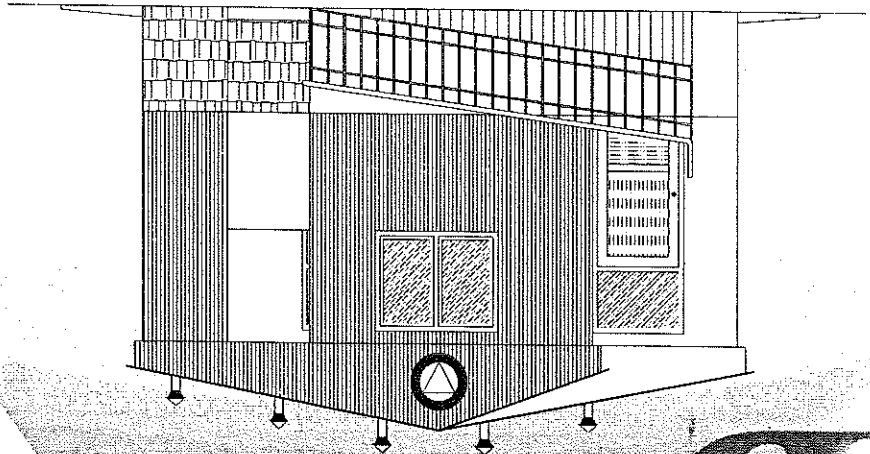
DEPARTMENT OF CONSTRUCTION / TECHNICAL SERVICES

(ISD)

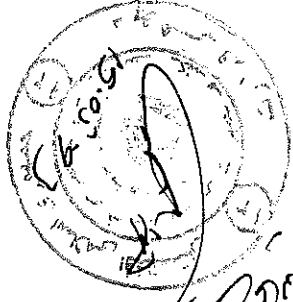
TYPICAL 5 LATRINE BRUNT BRICK I-BEAM

ARCHITECTURE

DESIGN

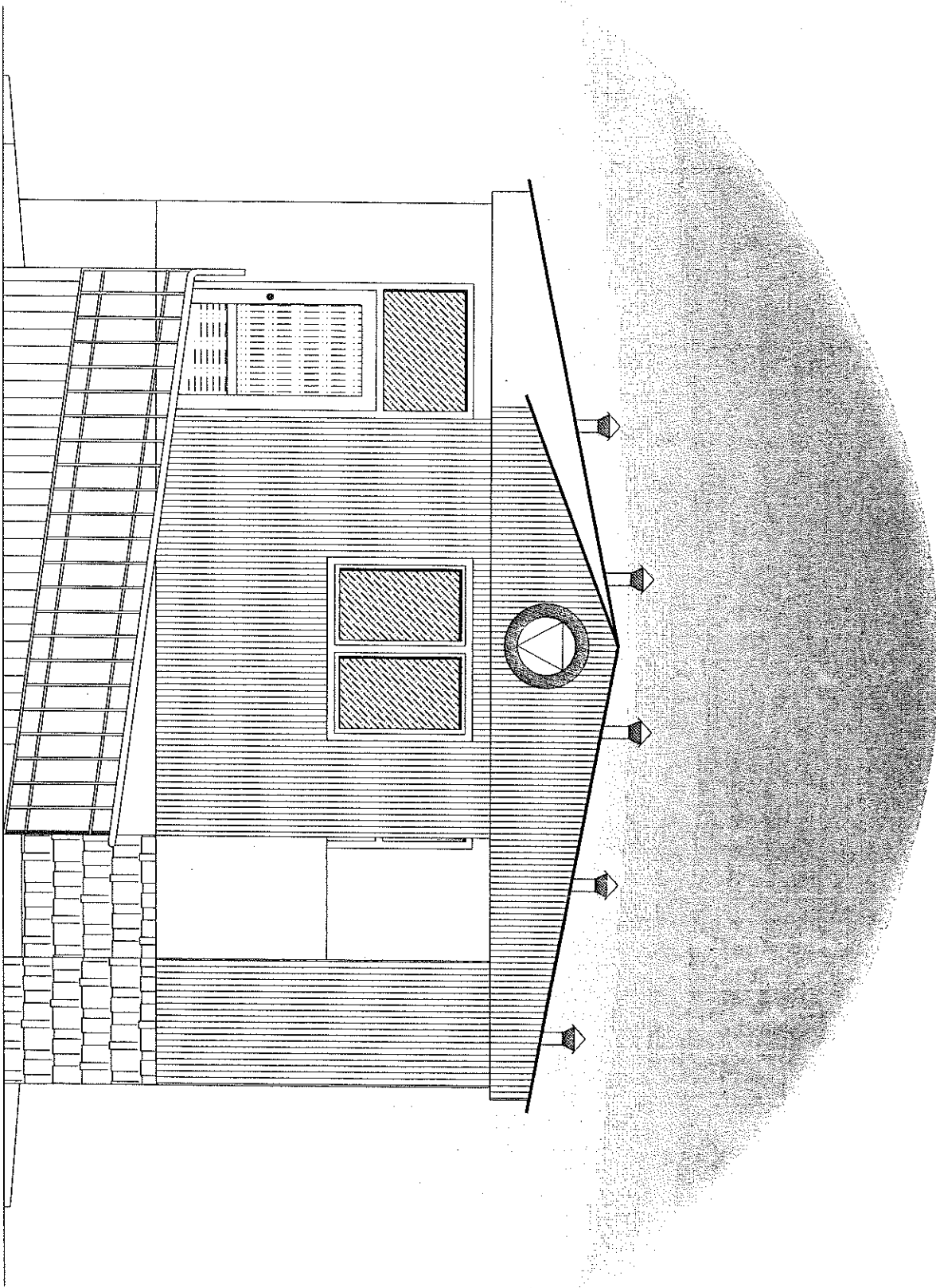


FEB 2014



Handwritten Arabic text, likely a signature or note, written diagonally across the stamp area.

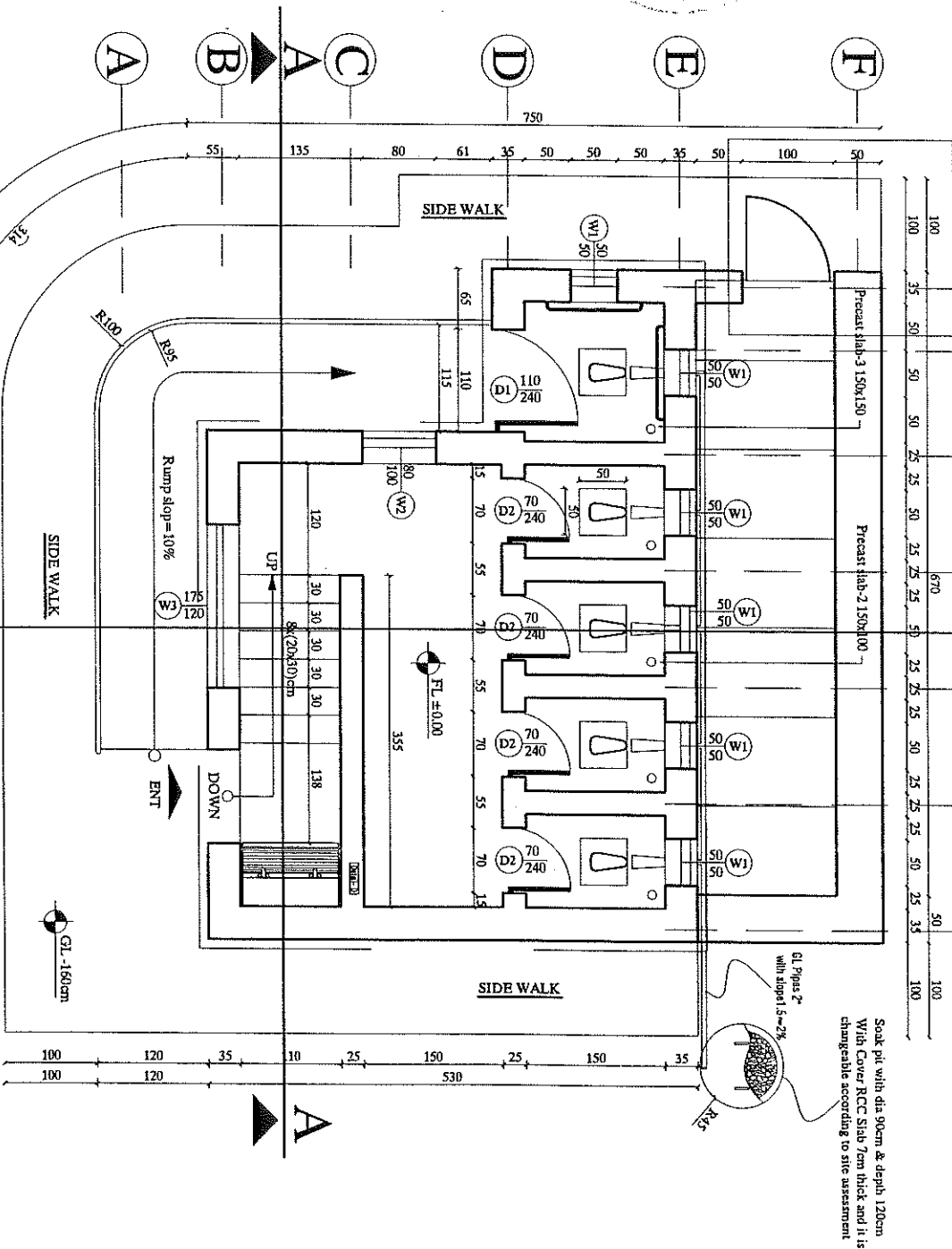
23/10/1393
22



Note:
All dimensions are in cm .

FRONT ELEVATION

Detail-H 1 2 3 4 B 5 6 7



Note:
All dimensions are in cm .

GROUND FLOOR PLAN

	MINISTRY OF EDUCATION DEPARTMENT OF CONSTRUCTION		STANDARD SCHOOL DESIGN IN AFGHANISTAN		ARCHITECTURE DESIGNED BY ENGINEER SCALE AS SHOWN		PROJECT NAME 5-LATRINE FROM BUNT BRICK / BEAM ROOF	
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Detail - B

I-beam size 140x70x5mm@60cm C/C

I

Stirrup $\phi 8\text{mm} \times L=100\text{cm}$ for stability of wooden truss which are welded to beam

Lower Rafter 10x12cm

Ridge 35x5cm under lower rafter

Fence for protection

Circular Burnt Brick Ventilation For Truss

RCC Lintel Window-3

Ring-1

Detail - C

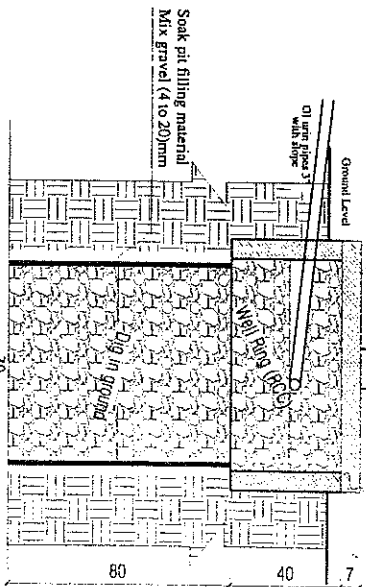
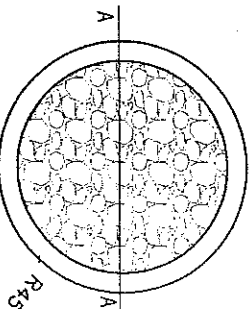
Concrete (1:2:4) 10cm with frame glasses for shrinkage joint
Compacted Gravel 20cm.
Natural soil.

A

B

DETAIL-B

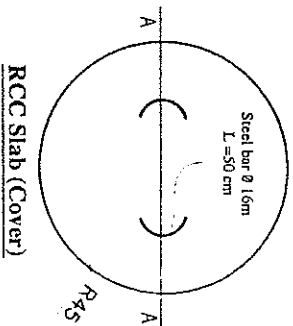
PLAN OF SOAK PIT



Section A-A

- Flat Metal Sheet Gauge 22"
- Wooden Truss.
- Mud plaster 2.5 + 2.5cm.
- Plastic sheet.
- Soil 5cm.
- Clay 10cm.
- Two layer reed rush (vertical & horizontal).
- Wooden board 2cm.
- I Shape beam size (140x70x5mm) c/c60 cm

Concrete (1:2:4) 10cm with frame glasses for shrinkage joint
Compacted Gravel 20cm
Compacted Soil
Natural soil.



RCC Slab (Cover)

Note:
Soak pit depth is related to underground water table and should be environmentally protected, meantime special attention is required for slope of pipes

Note:
All dimensions are in cm .

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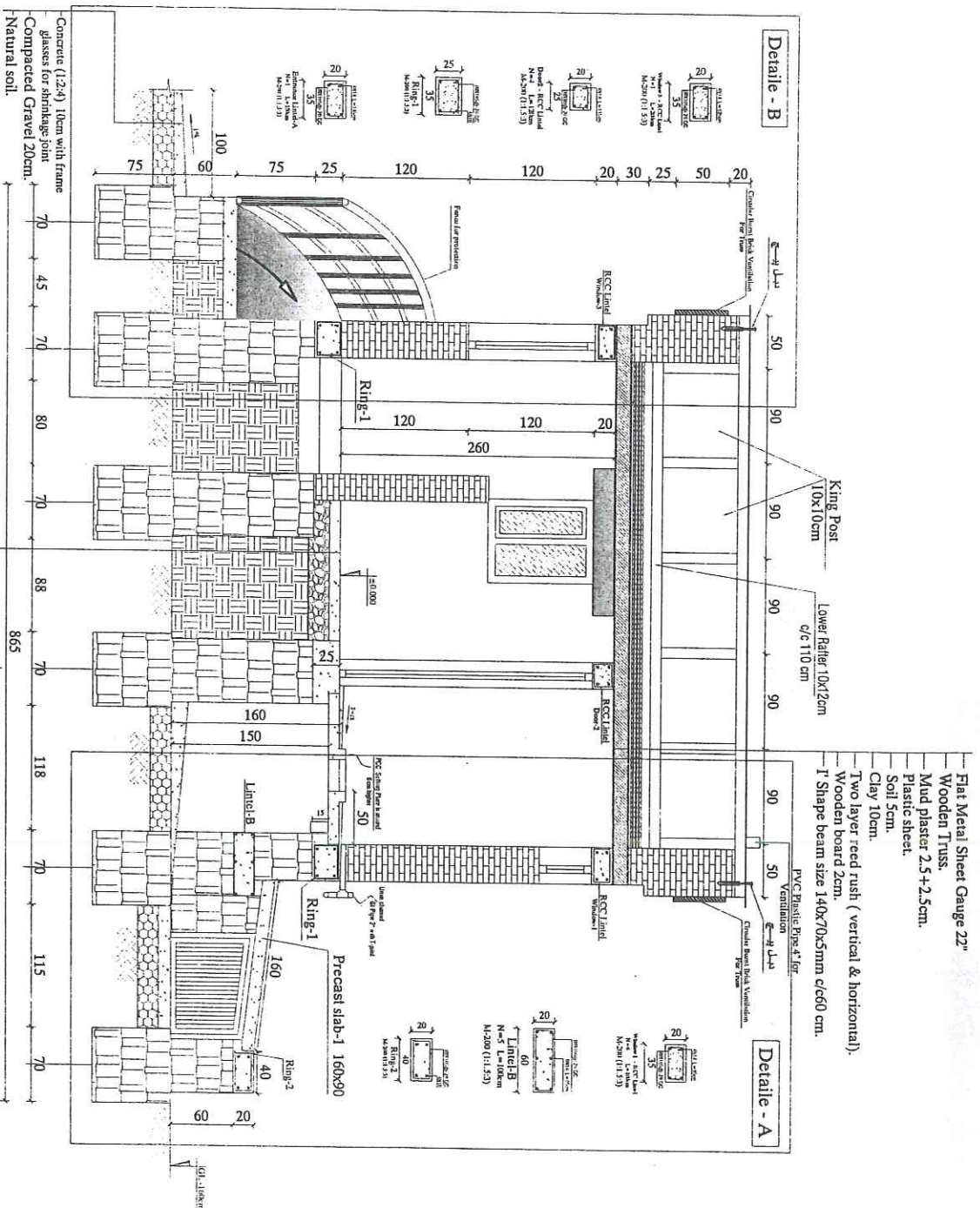


STANDARD SCHOOL DESIGN
IN AFGHANISTAN

APPROVED BY
CHECKED BY
DESIGNED BY
DATE
SCALE
CODE
TYPE
ARCHITECTURE

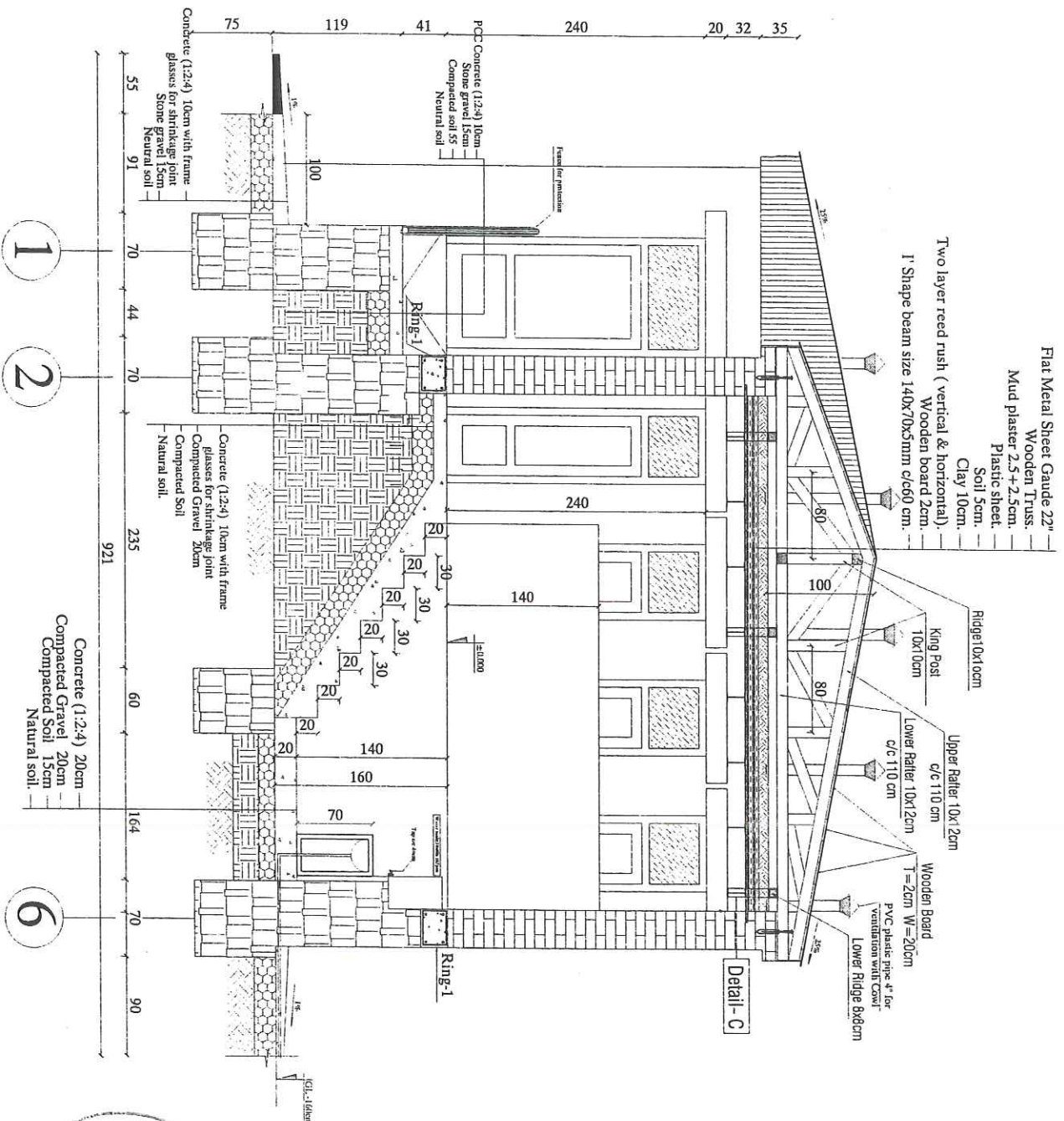
PROJECT NAME
DRAWING TITLE
DETAIL





Note:
All dimensions are in cm.

SECTION B-B



Note:
All dimensions are in cm.

SECTION A-A



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DEPARTMENT OF CONSTRUCTION



STANDARD SCHOOL DESIGN
IN AFGHANISTAN

ARCHITECT/DESIGN	APPROVED BY	DATE	TYPE	ARCHITECTURE
ARCHITECT/DESIGN	APPROVED BY	DATE	TYPE	ARCHITECTURE
ARCHITECT/DESIGN	APPROVED BY	DATE	TYPE	ARCHITECTURE

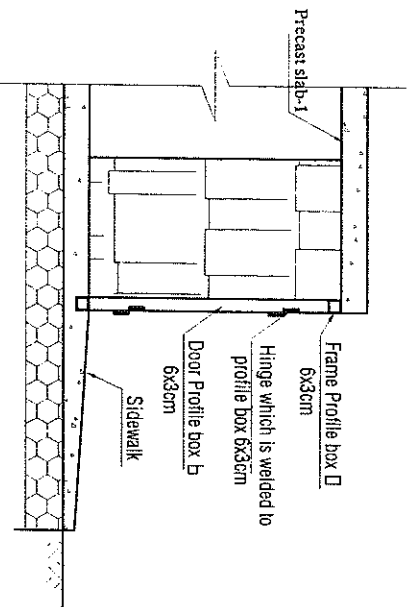
PROJECT NAME
5-LATRINE FROM BUNT BRICK / BEAM ROOF



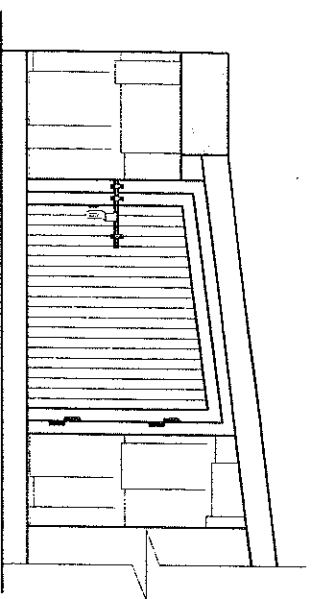
Technical drawing of a square window blind. The drawing shows the blind with its slats and a central control mechanism. Dimensions are provided for the overall size and the frame profile.

Dimensions (mm):

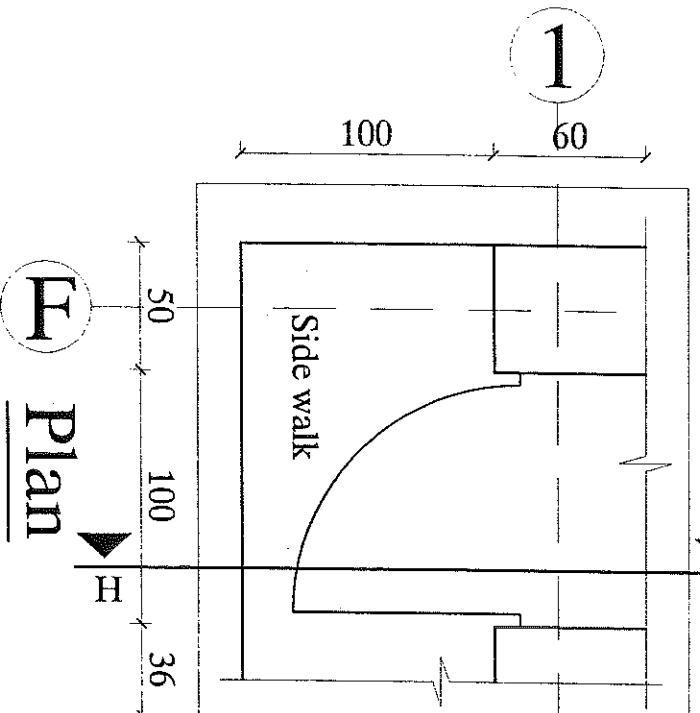
- Overall width: 86
- Overall height: 76
- Inner width: 65
- Frame profile box width: 6x3cm
- Inner height: 55
- Inner width: 65
- Overall width: 74



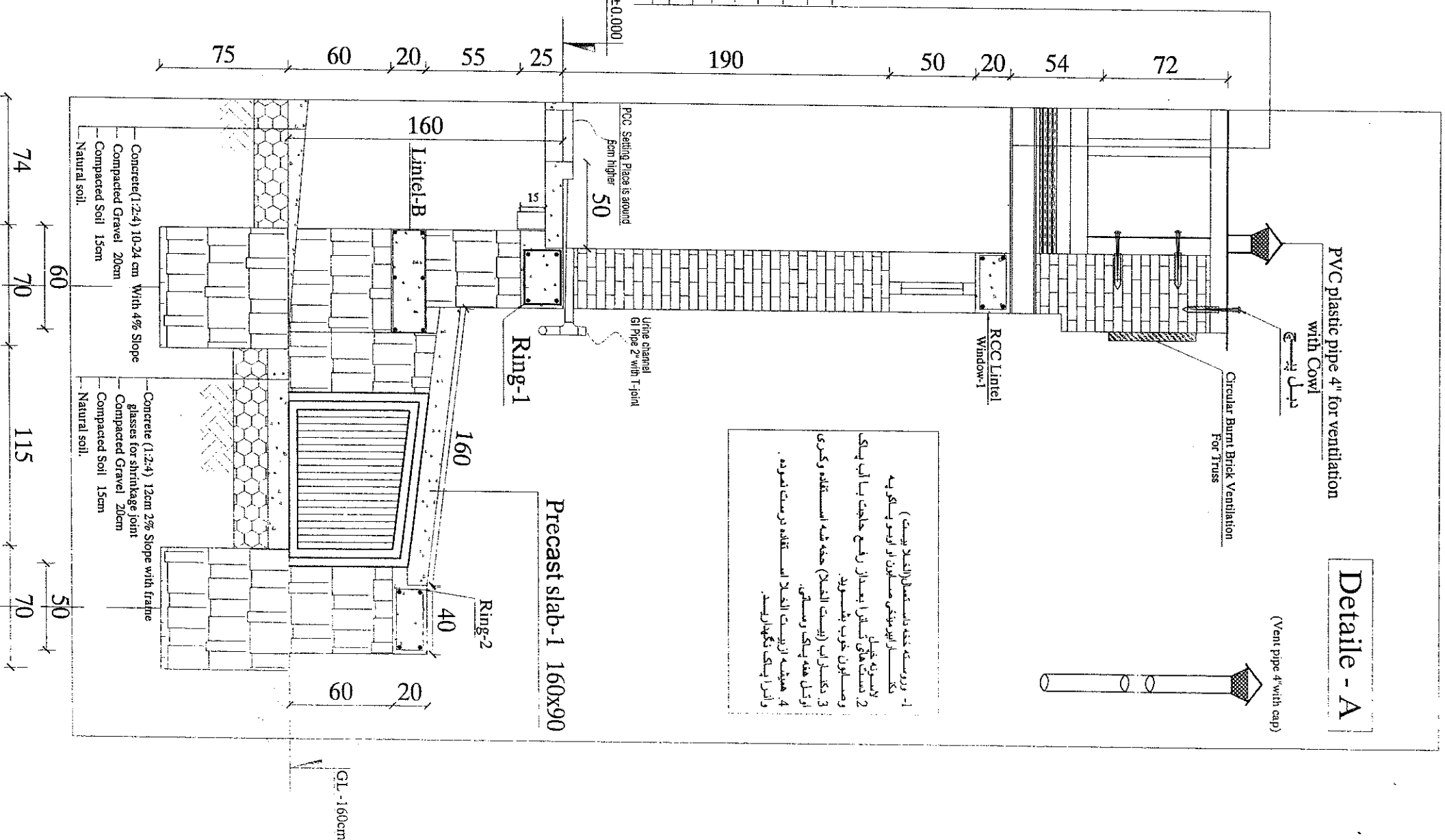
- Flat Metal Sheet Gauge 22
- Wooden Truss
- Mud plaster 2.5 + 2.5cm.
- Plastic sheet.
- Soil 5cm.
- Clay 10cm.
- Two layer reed rush (vertical & horizontal).
- Wooden board 2cm.
- I' Shape beam size 140x70x5mm c/c60 cm.



Detail-H



Note:
All dimensions are in cm .



Detail - A

PVC plastic pipe 4" for ventilation
with Cowl
دبل پپر

(Vent pipe 4" with cap)

Circular Burnt Brick Ventilation For Truse

RCC Lintel
Window-1

PCC Setting Place is around

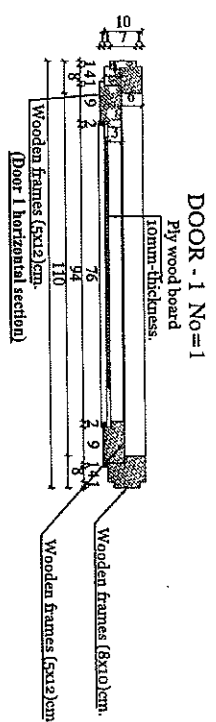
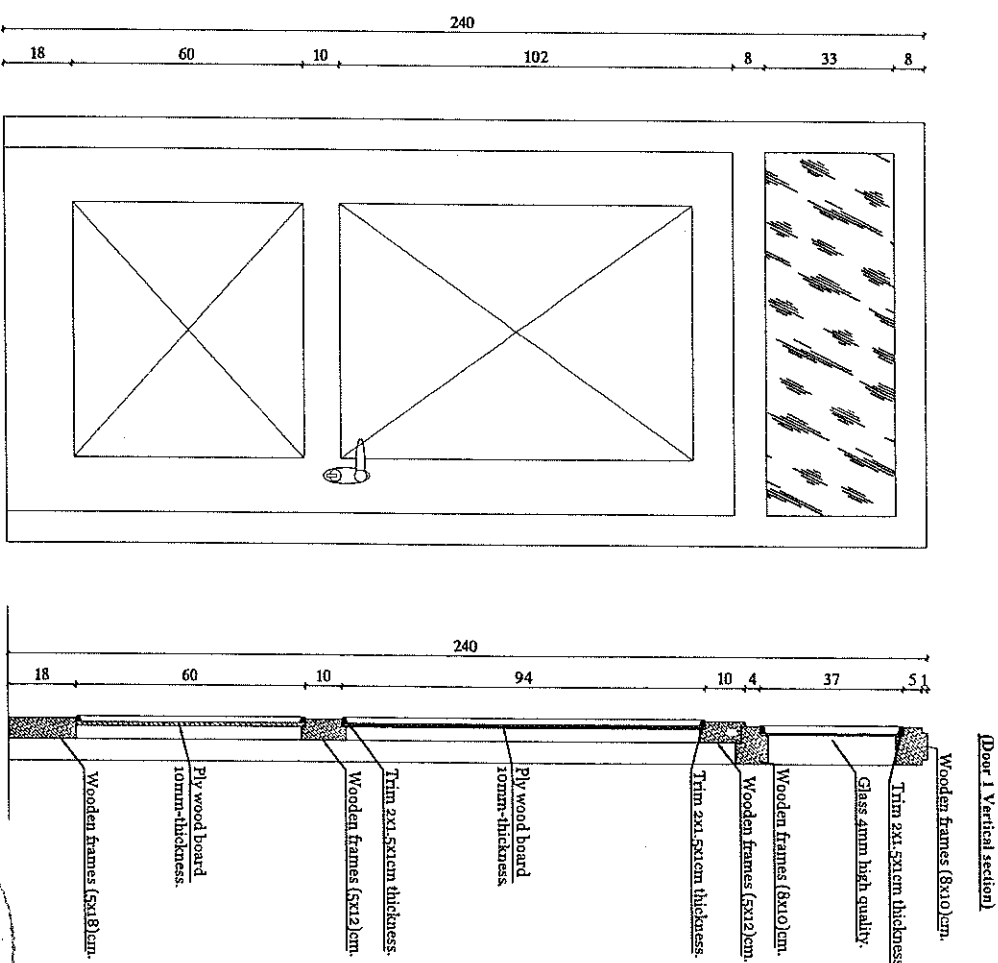
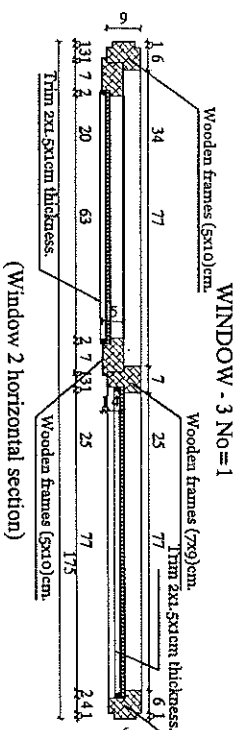
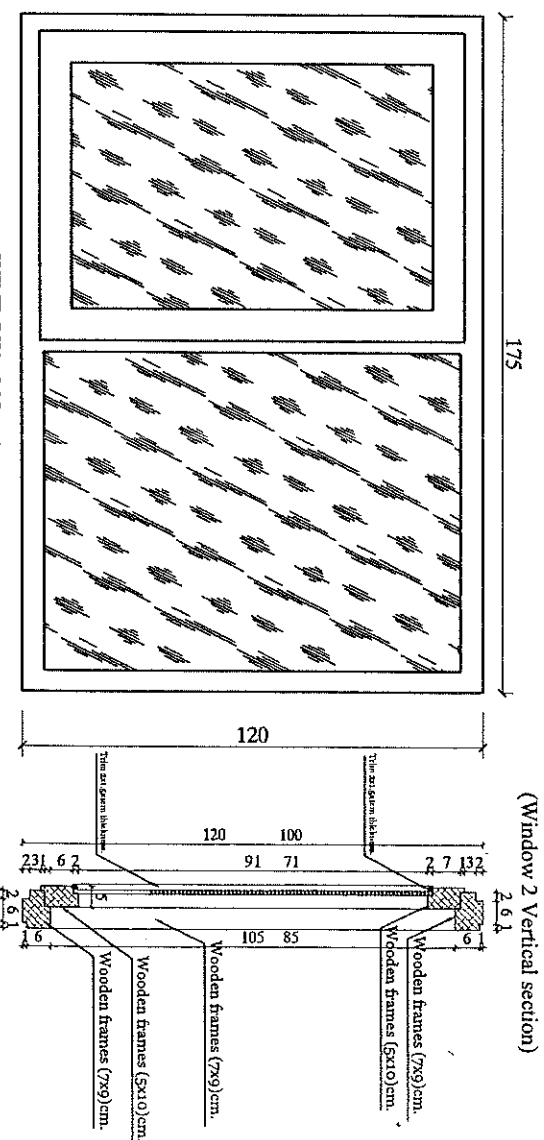
Urine channel
GI Pipe 2" with T-join

Precast slab-1 160x90

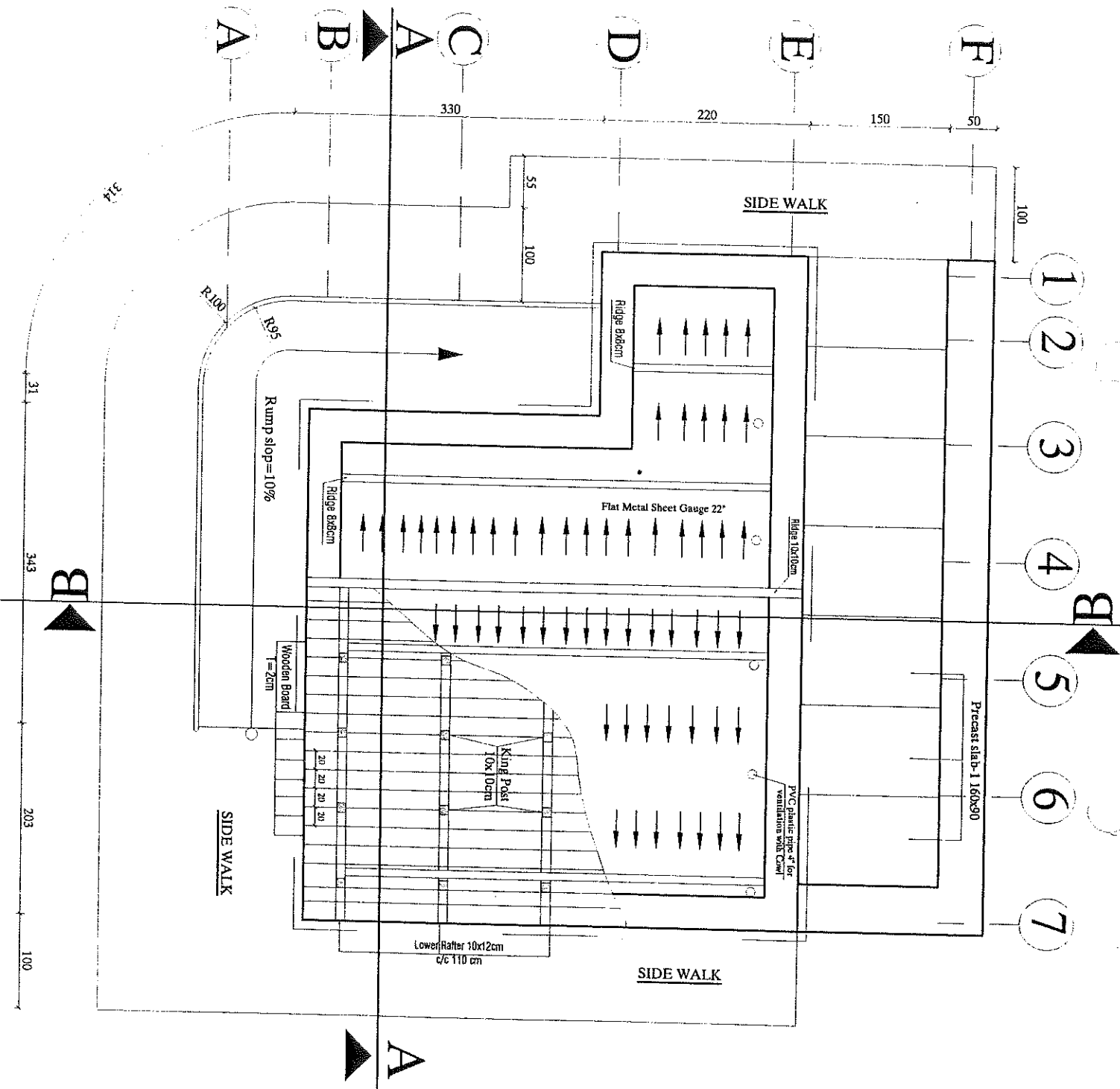
160
Linte

GL - 160cm

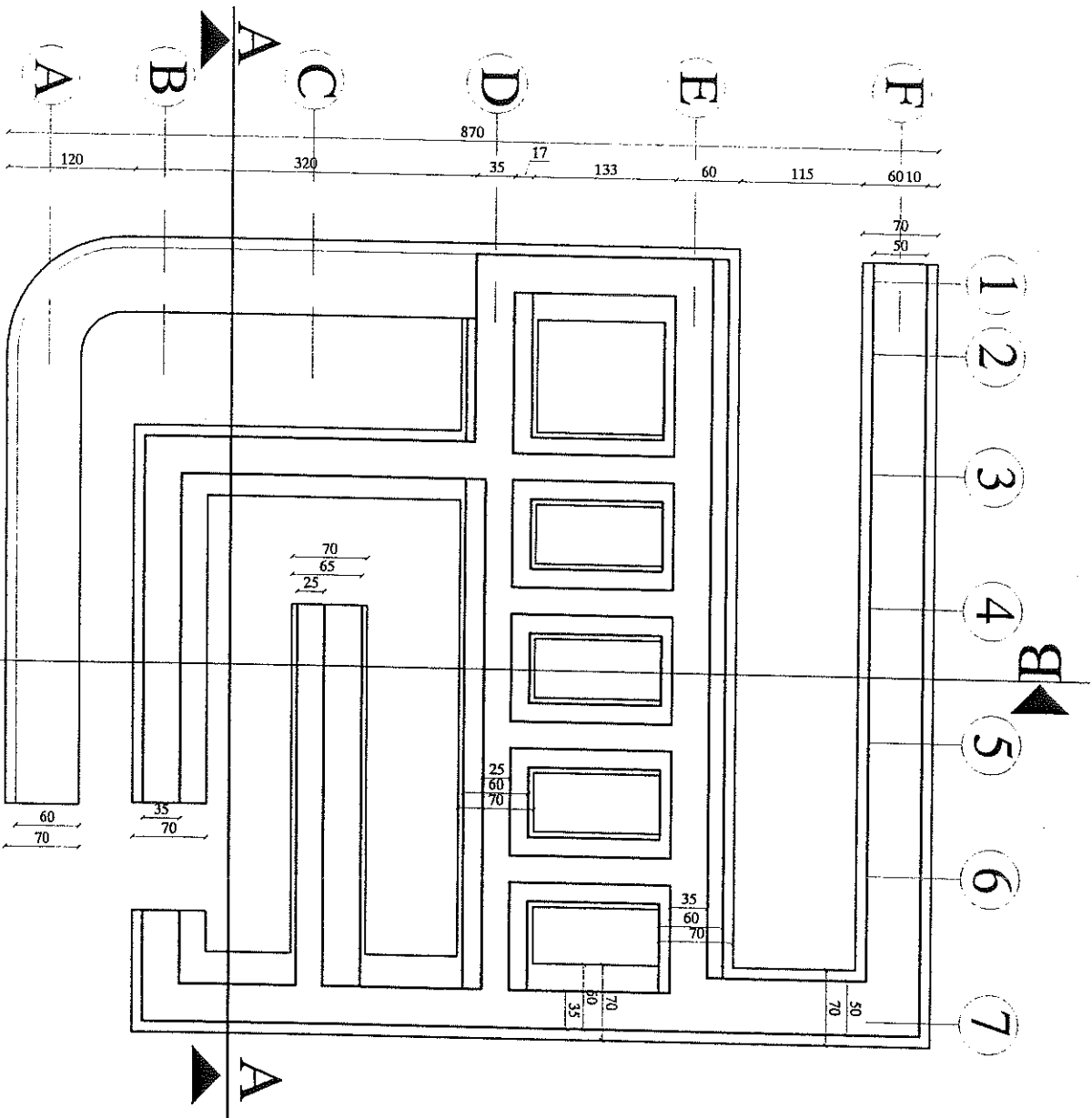
[illegible]



Note:
All dimensions are in cm .

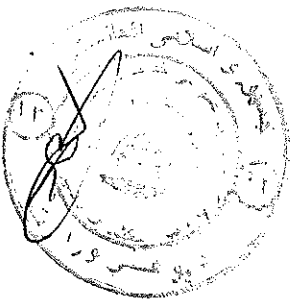


ROOF PLAN



FUNDATION PLAN

Note:
All dimensions are in cm.



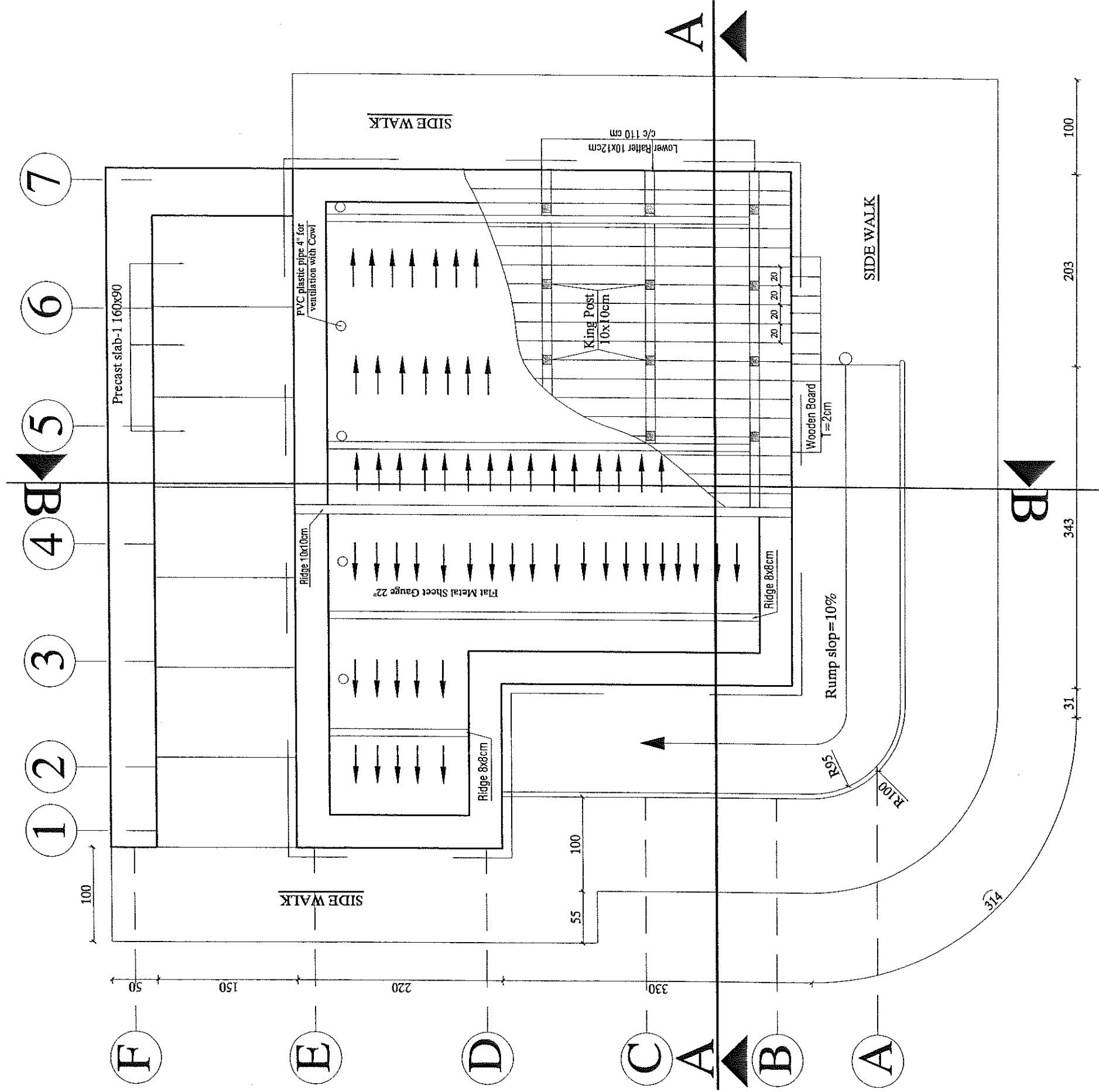
MINISTRY OF EDUCATION
DEPARTMENT OF CONSTRUCTION



STANDARD SCHOOL DESIGN
IN AFGHANISTAN

CHECKED BY	DESIGNED BY	SCALE	TYPE	ARCHITECTURE
ARCHITECT/DESIGNER	ENGINEER	AS SHOWN (1:50)	CODE	SHEET No.

PROJECT NAME: 5-LATRINE FROM BUILT BRICK I BEAM ROOF
DRAWING TITLE: ROOF PLAN AND FUNDATION PLAN



ROOF PLAN

Note:
All dimensions are in cm .

MINISTRY OF EDUCATION
DEPARTMENT OF CONSTRUCTION



STANDARD SCHOOL DESIGN
IN AFGHANISTAN

CHECKED BY
DESIGNED BY

APPROVED BY
SCALE

AS SHOWN (AS)

TYPE

ARCHITECTURE

PROJECT NAME

DRAWING TITLE

5-LATRINE FROM BUNT BRICK I BEAM ROOF.

ROOF PLAN.

PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT

PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT

PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT

ARCHITECT/DESIGN	ALIMAMAND M.W	APPROVED: Doc/Moe	ENG.AB.MOMIN/RAO	TYPE	ARCHITECTURE
CHECKED BY	ENG.S. RAZOOOL	SCALE	AS SHOWN (A3)	CODE	
TECH- APPROVED BY	ENG.AB.MATIN MAOOL	DATE	3.23.2014	DATE- 010	
				SHEET No	
					8 7

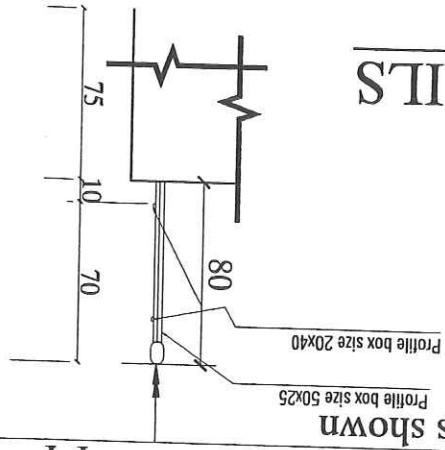
5-LATRINE FROM BUNT BRICK I BEAM-ROOF.
DETAILS FOR WATER TANK AND FANCE.



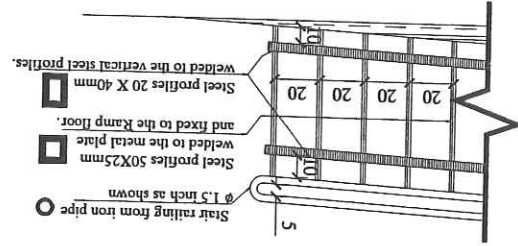
PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT

Note: All dimensions are in cm.

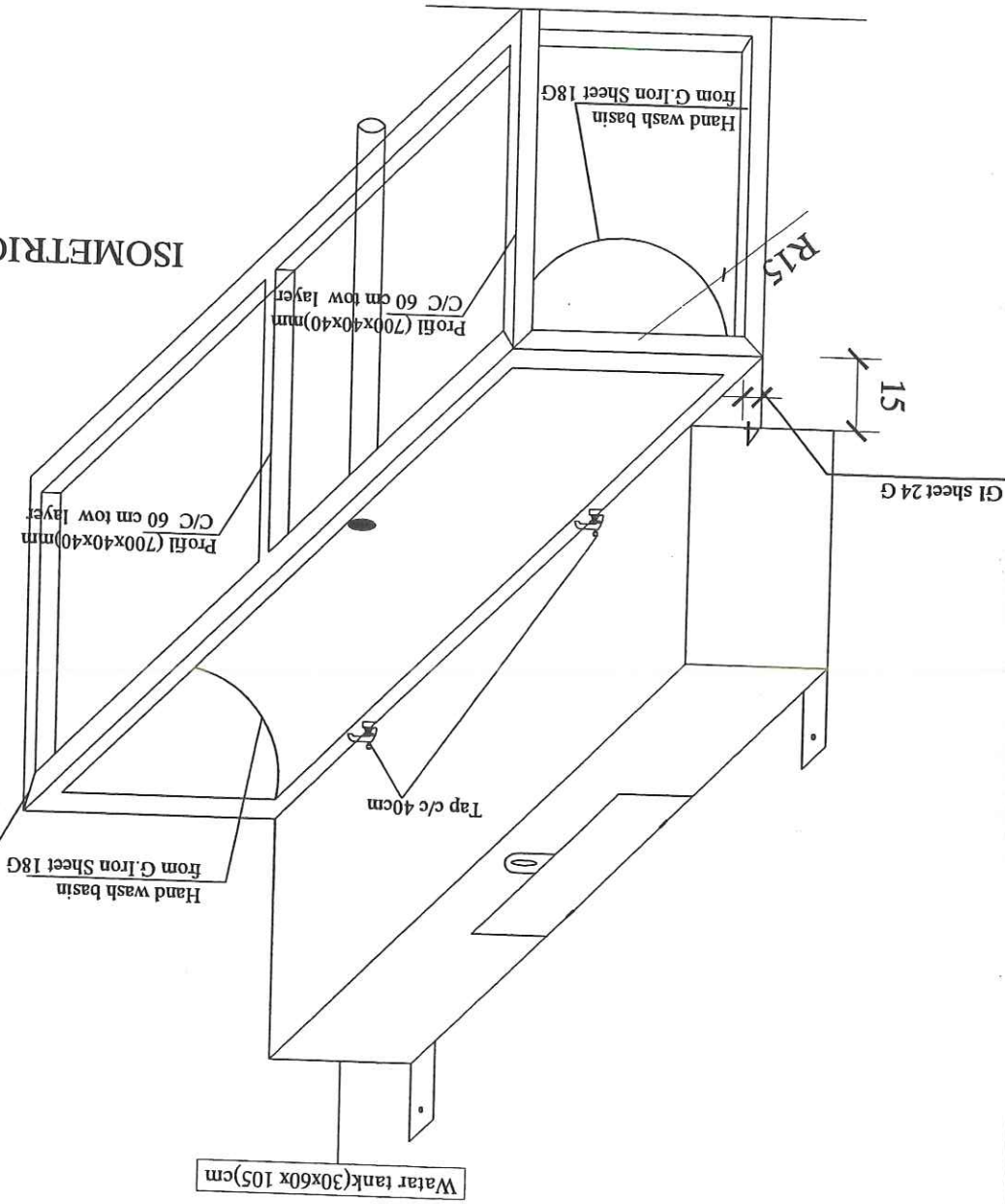
DETAILS



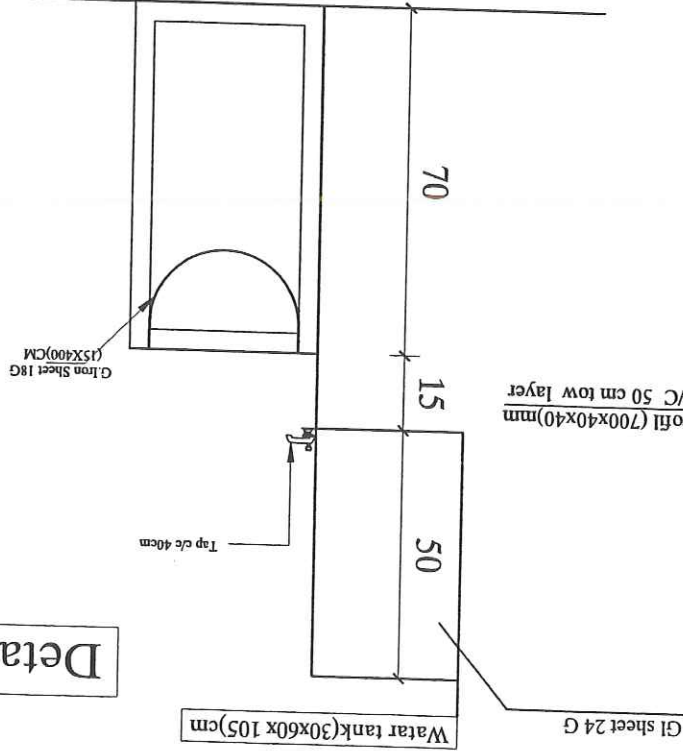
Stair railing from iron pipe ϕ 1.5 inch



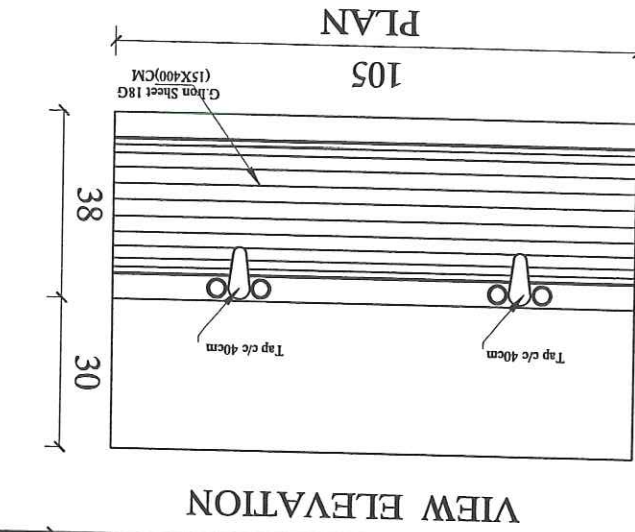
ISOMETRIC VIEW



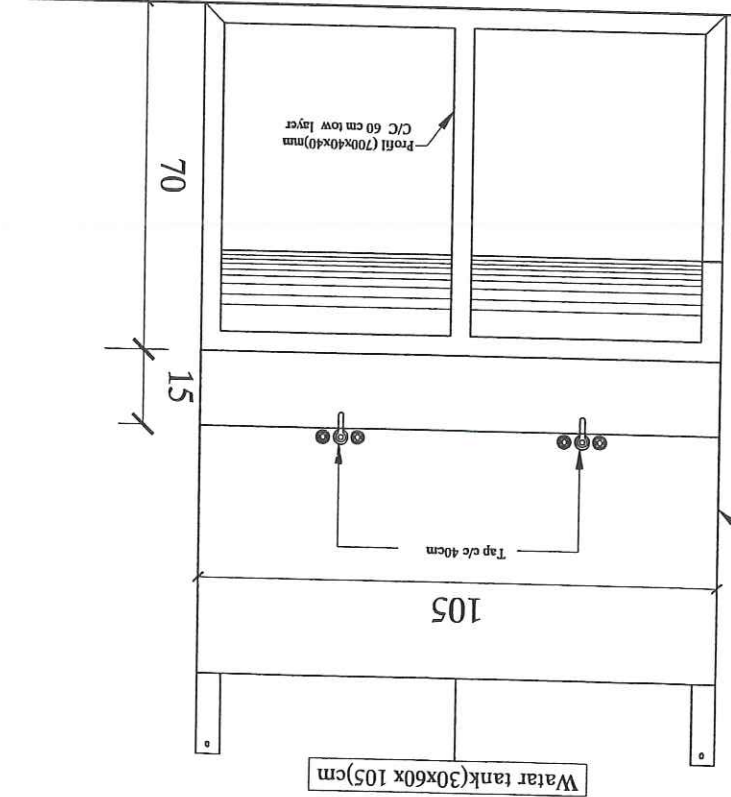
SAID ELEVATION



Detaille - D



VIEW ELEVATION

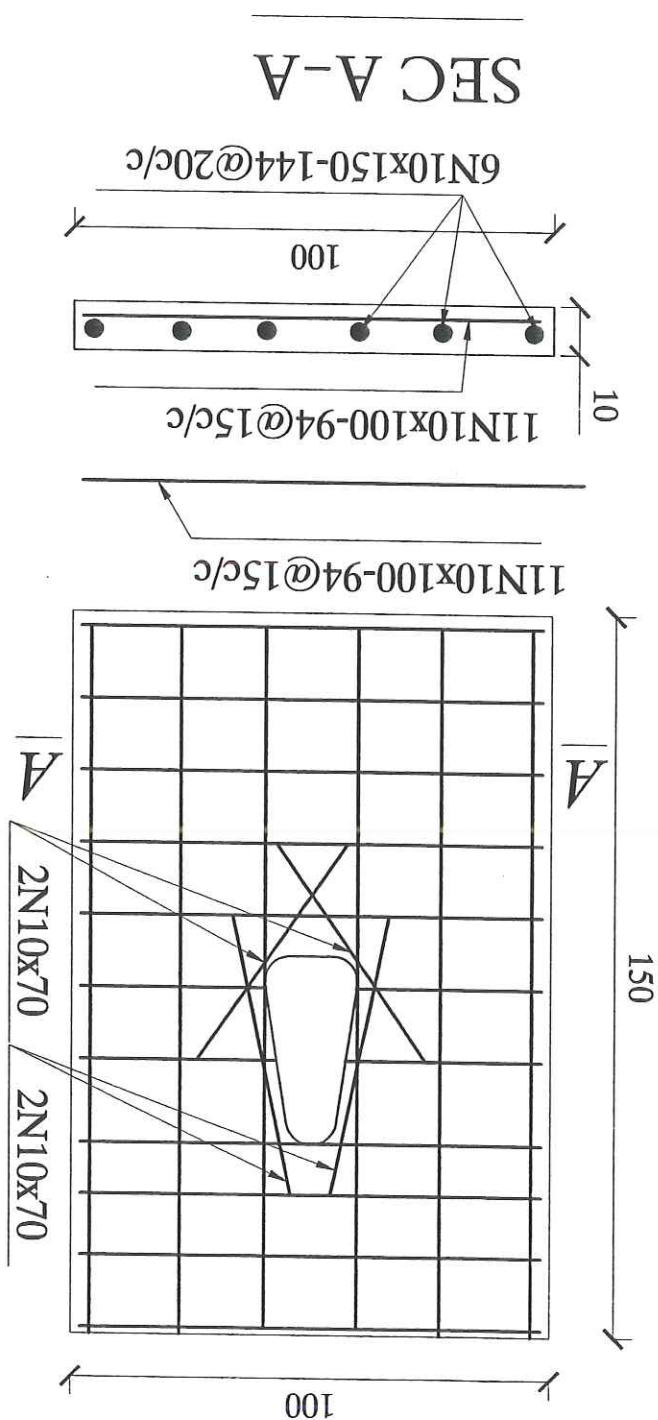


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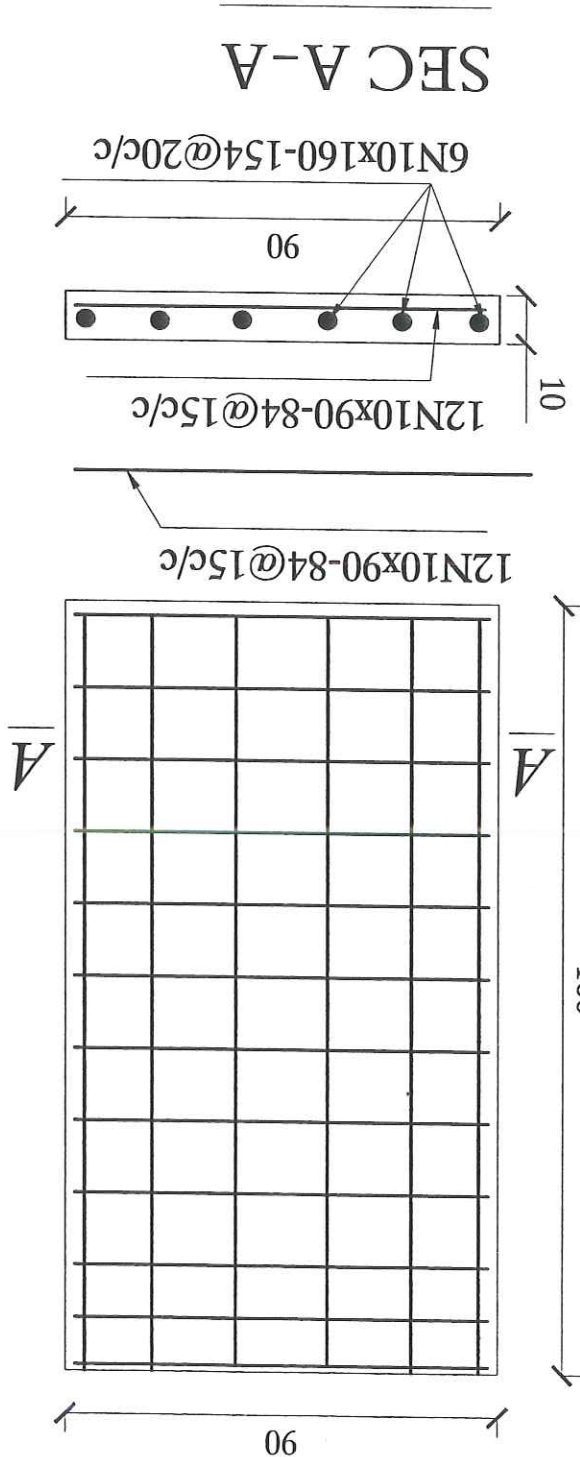
Note: All dimensions are in cm.

DETAILS

Precast slab-2 150x100



Precast slab-1 160x90



Precast slab-3 150x150

