

(MOE/ISD)

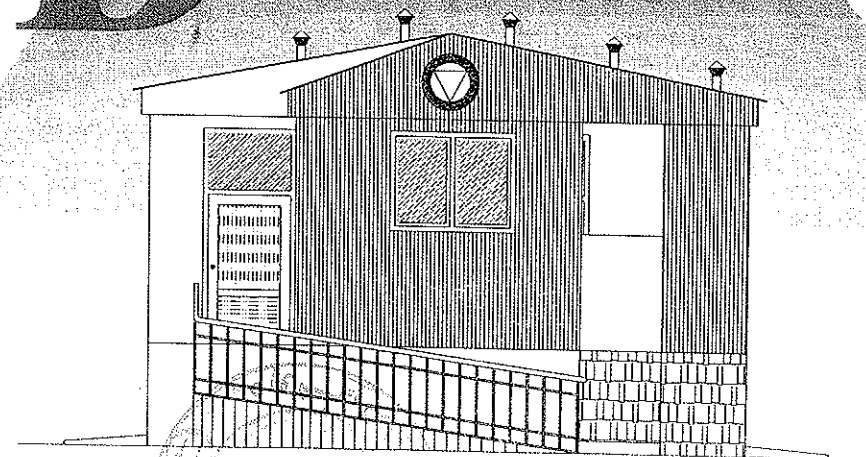
**DEPARTMENT OF CONSTRUCTION / TECHNICAL SERVICES**

**(ISD)**

# TYPICAL 5 LATRINE BRNUT BRICK I-BEAM

# ARCHITECTURE

# DESIGN

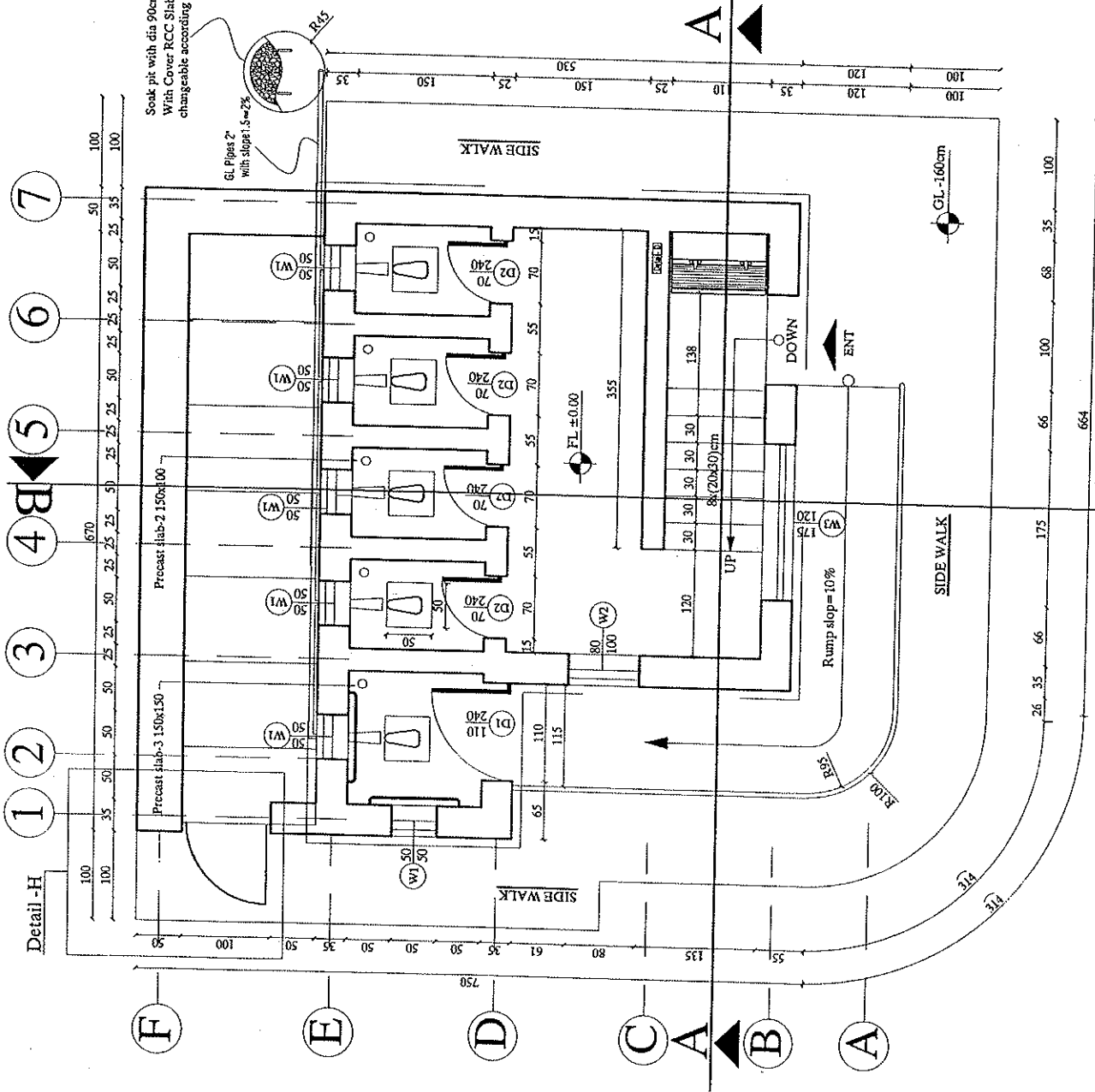


FEB 2014

درا کلمه ای بعد از مدتی  
در حال  
بجای آوردن  
۱۹۰۵۹۷

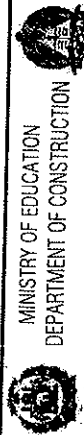
FRONT ELEVATION

Note:  
All dimensions are in cm.



Note:  
All dimensions are in cm.

GROUND FLOOR PLAN



MINISTRY OF EDUCATION  
DEPARTMENT OF CONSTRUCTION  
IN AFGHANISTAN

DESIGNED BY: ALI HANNA JAW  
CHECKED BY: ENGR. HASSAN  
APPROVED BY: DR. HANNA JAW  
SCALE: 1/50  
DATE: 15/05/2015

PROJECT NAME  
5-LATRINE FROM BUNT BRICK I BEAM ROOF

DRAWING TITLE  
GROUND FLOOR PLAN & FRONT ELEVATION.

ARCHITECTURE  
1

TYPE  
CODE

5-LATRINE FROM BUNT BRICK I BEAM ROOF

GROUND FLOOR PLAN & FRONT ELEVATION.

ARCHITECTURE  
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TYPE  
CODE

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1

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ARCHITECTURE  
1

TYPE  
CODE

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GROUND FLOOR PLAN & FRONT ELEVATION.

ARCHITECTURE  
1

TYPE  
CODE

5-LATRINE FROM BUNT BRICK I BEAM ROOF

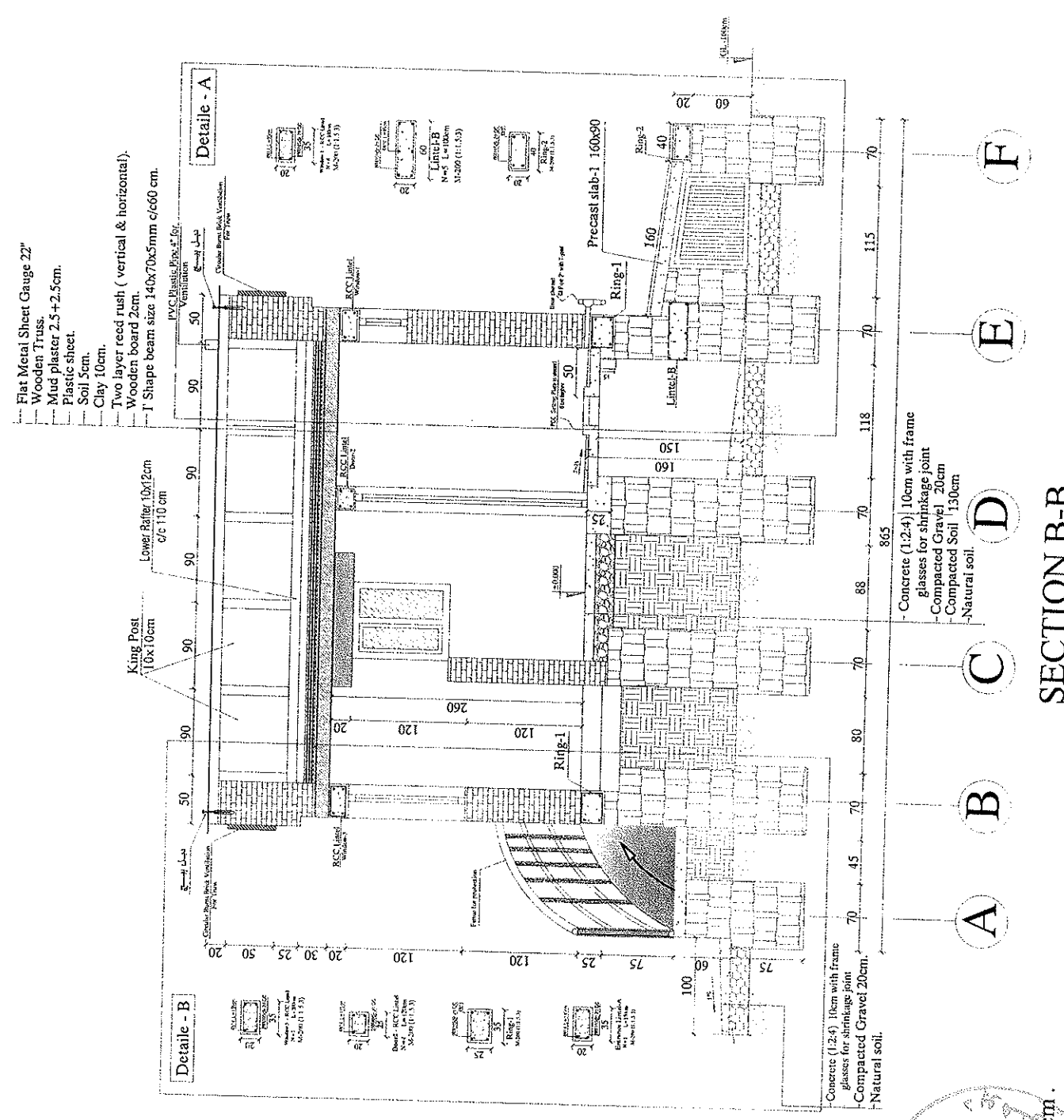
GROUND FLOOR PLAN & FRONT ELEVATION.

ARCHITECTURE  
1

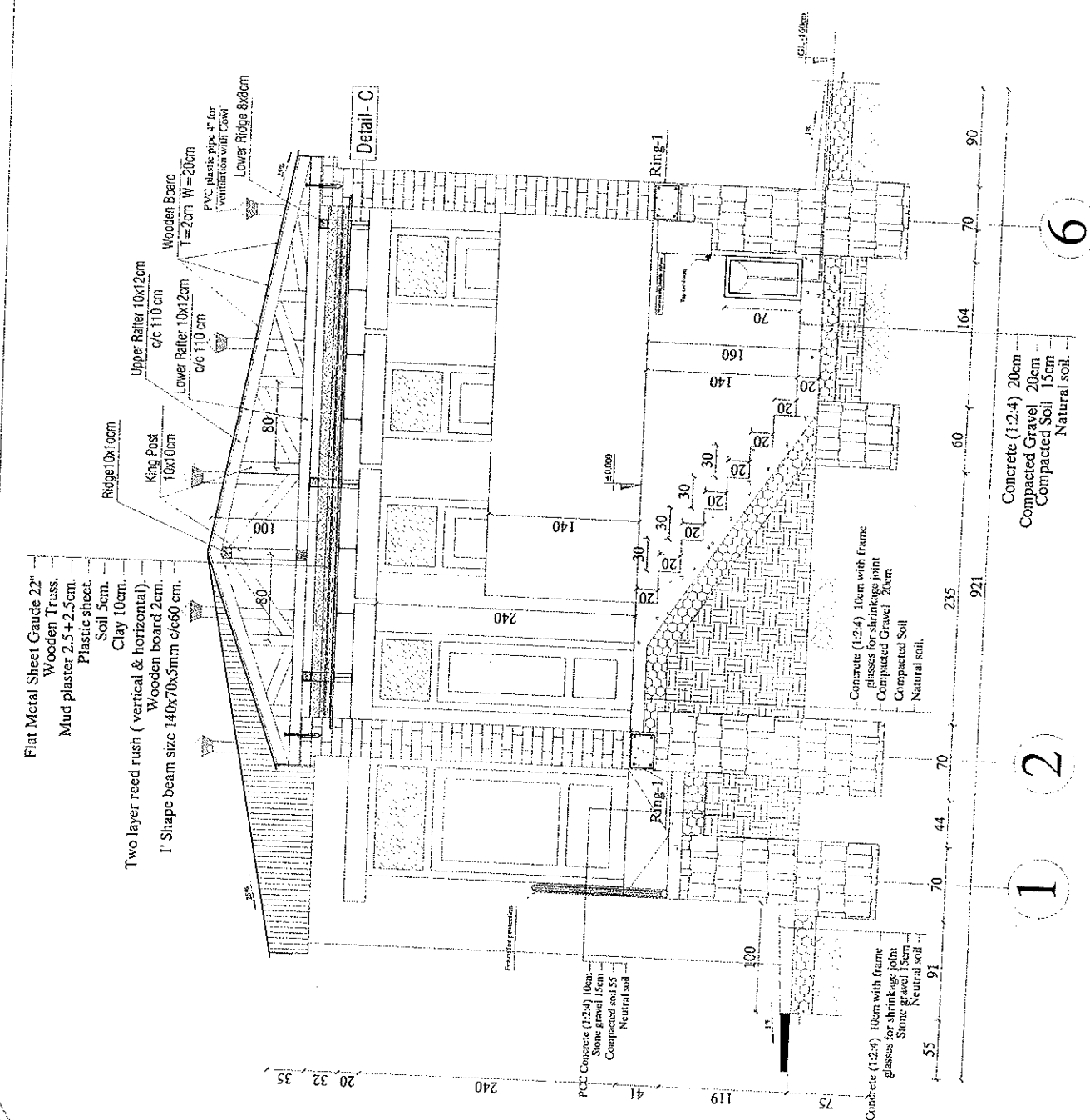
TYPE  
CODE

5-LATRINE FROM BUNT BRICK I BEAM ROOF

GROUND FLOOR PLAN & FRONT ELEVATION.



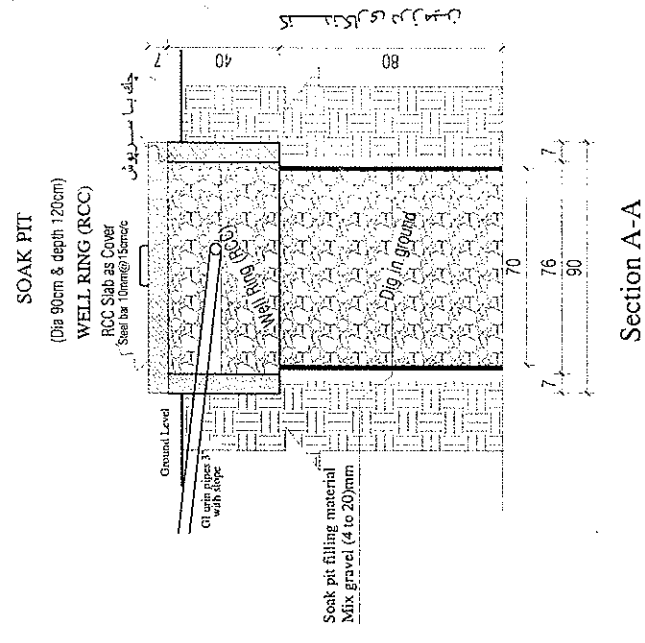
Note:  
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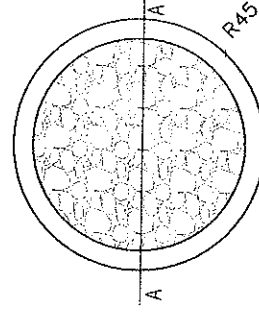
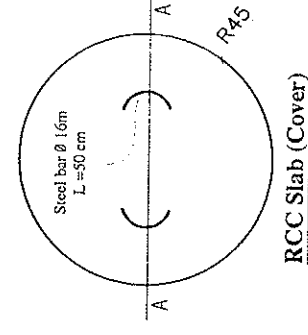
Note:  
All dimensions are in cm.

53  
61-8

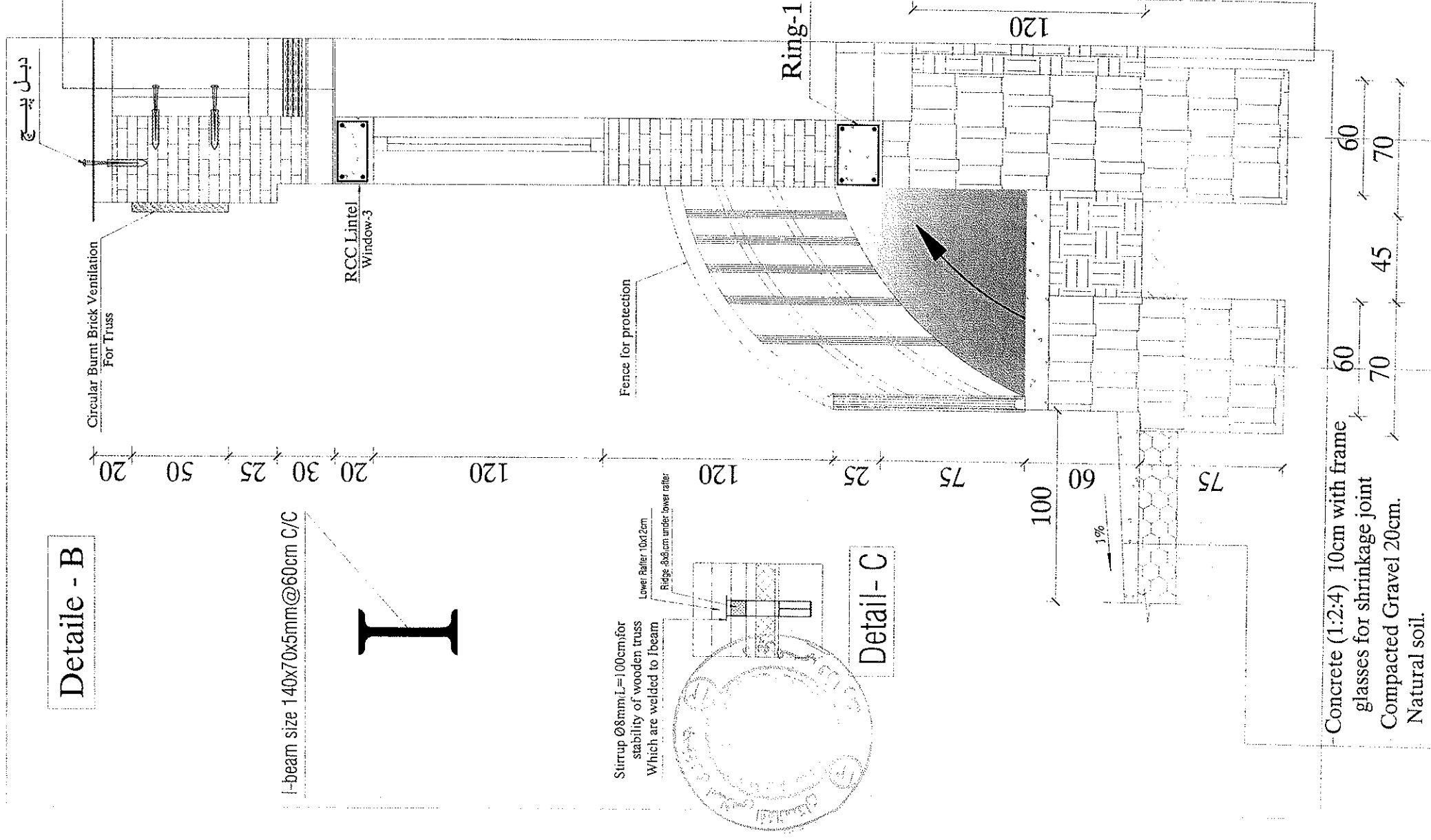
	MINISTRY OF EDUCATION DEPARTMENT OF CONSTRUCTION IN AFGHANISTAN	STANDARD SCHOOL DESIGN IN AFGHANISTAN	ARCHITECTURE TYPE CODE DATE	PROJECT NAME 5-LATRINE FROM BUNT BRICK I BEAM ROOF	DRAWING TITLE SECTIONS



- 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 j
- Compacted Gravel 20cm
- Compacted Soil
- Natural soil.






PLAN OF SOAK PIT

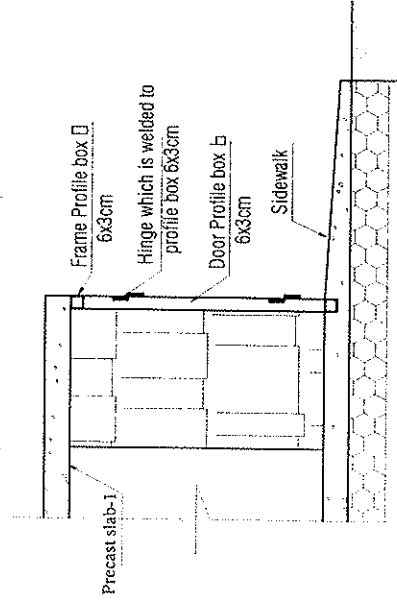
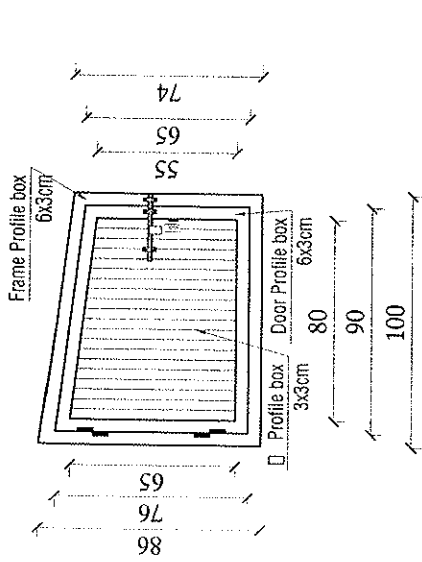


## DETAIL-B

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

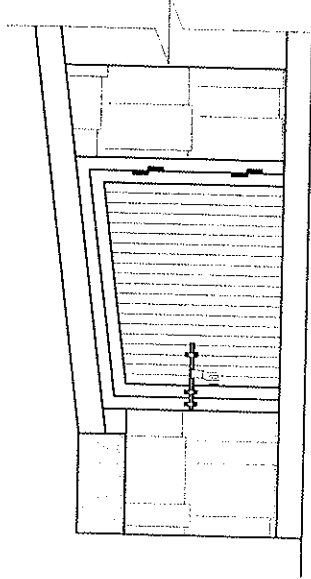
Note:  
All dimensions are in cm.

 <b>MINISTRY OF EDUCATION</b> <b>DEPARTMENT OF CONSTRUCTION</b>		 <b>STANDARD SCHOOL DESIGN</b> <b>IN AFGHANISTAN</b>		ARCHITECT/DESIGN - AH. MAHMOUD, M. W. APPROVED/DRAWING BY - MAHMOUD (MAD)		TYPE - ARCHITECTURE		PROJECT NAME - 5-LATRINE FROM BUNT BRICK / BEAM ROOF.	
CHECKED BY -		ENG. ASADULLAH AFGHAN		SCALE - AS SHOWN (M)		CODE -		SHEET No. -	
TECH. APPROVED BY - ENG. AB. MAHMOUD		DATE - 3.22.2014		31866-010				DRAWING TITLE - DETAIL.	

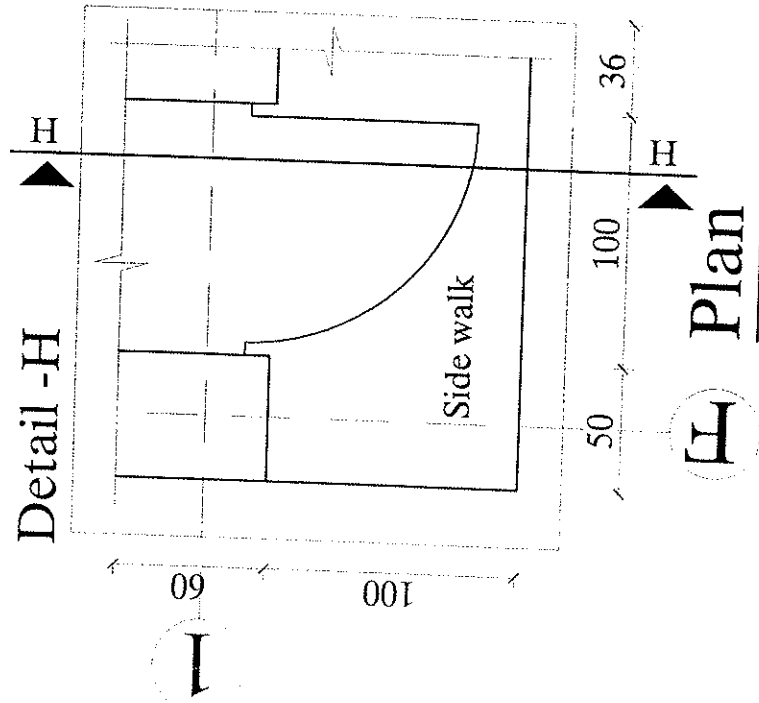


Section H-H

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



View



Note:  
All dimensions are in cm.

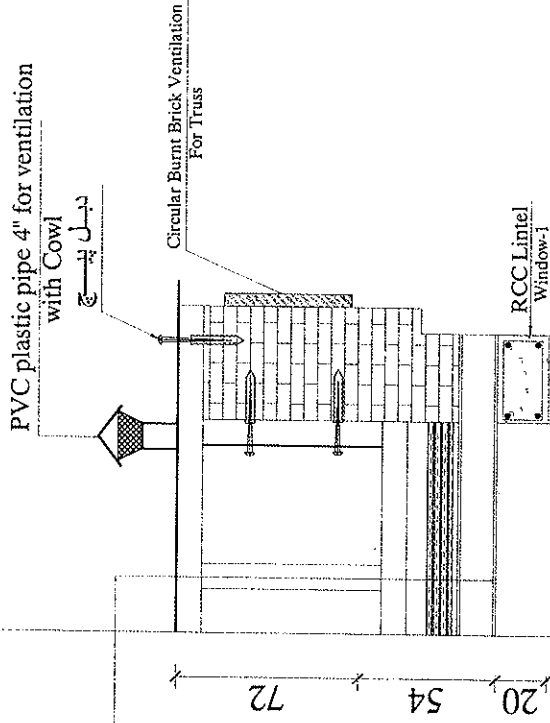
MINISTRY OF EDUCATION  
DEPARTMENT OF CONSTRUCTION



STANDARD SCHOOL DESIGN  
IN AFGHANISTAN

DETAIL-A

Detaile - A



1. دروسته څخه داستعمال (اللا بیت) دکتار ایزو مینی مسالون او اړوند پساګو په لاسونه ځیل.
2. دست څو ګاټرا بعداز رفع حاجت یا آب پاک وصالون خوب بشوړید.
3. دکتار آب (بیت الخلا) څخه شه استفاده وکړی او تل هغه پاک وسای.
4. همیشه از بیت استفاده درست نموده، وایرا پاک وګذارید.

Precast slab-1 160x90

Urine channel  
6" Pipe 2" with T-joint

PCC Setting Place is around  
5cm higher

Ring-1

Ring-2

Lintel-B

160

40

160

20

60

GL - 160cm

Concrete (1:2:4) 10-24 cm With 4% Slope  
Compacted Gravel 20cm  
Compacted Soil 15cm  
Natural soil.

Concrete (1:2:4) 12cm 2% Slope with frame  
glasses for shrinkage joint  
Compacted Gravel 20cm  
Compacted Soil 15cm  
Natural soil.

60

70

115

50

70

E

F

(5/3/78)  
K. T. 78

PROJECT NAME 15-LATRINE FROM BUNT BRICK BEAM ROOF.

DRAWING TITLE DETAILS.

ARCHITECTURE

TYPE

AS SHOWN (AS)

SCALE

DATE 3.22.2014

TECH. APPROVED BY

FILE NO.

APPROVED BY

APPROVED BY

APPROVED BY

APPROVED BY

APPROVED BY

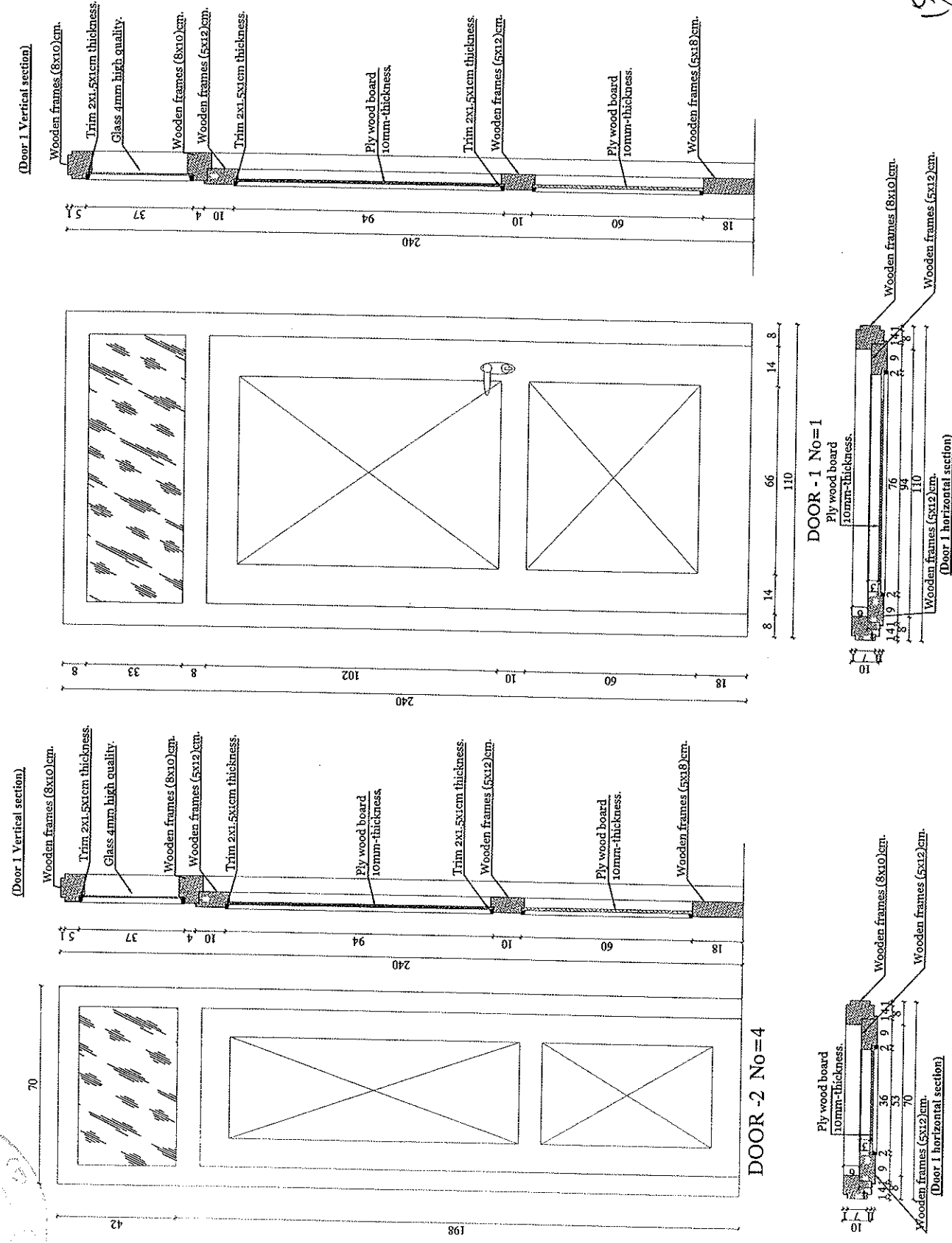
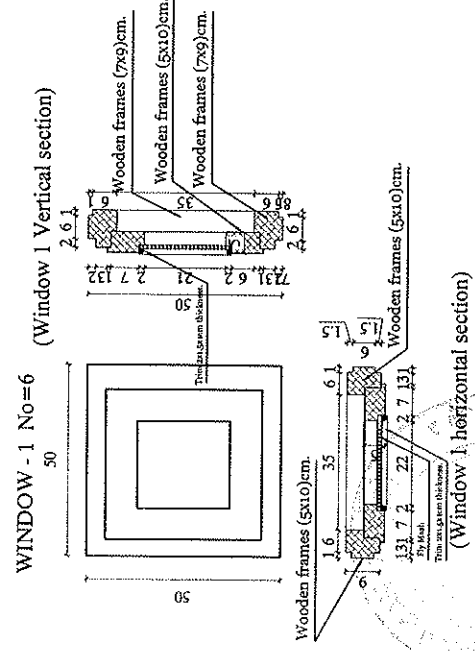
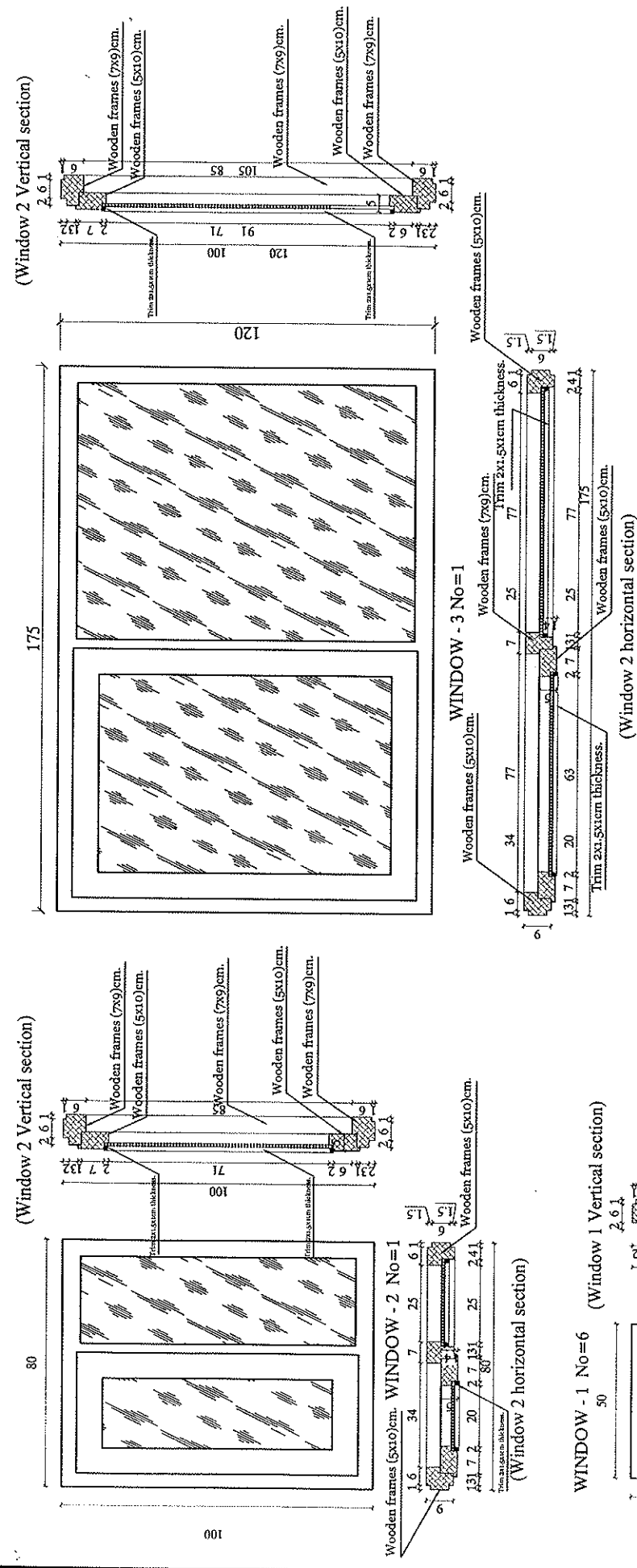
APPROVED BY

APPROVED BY

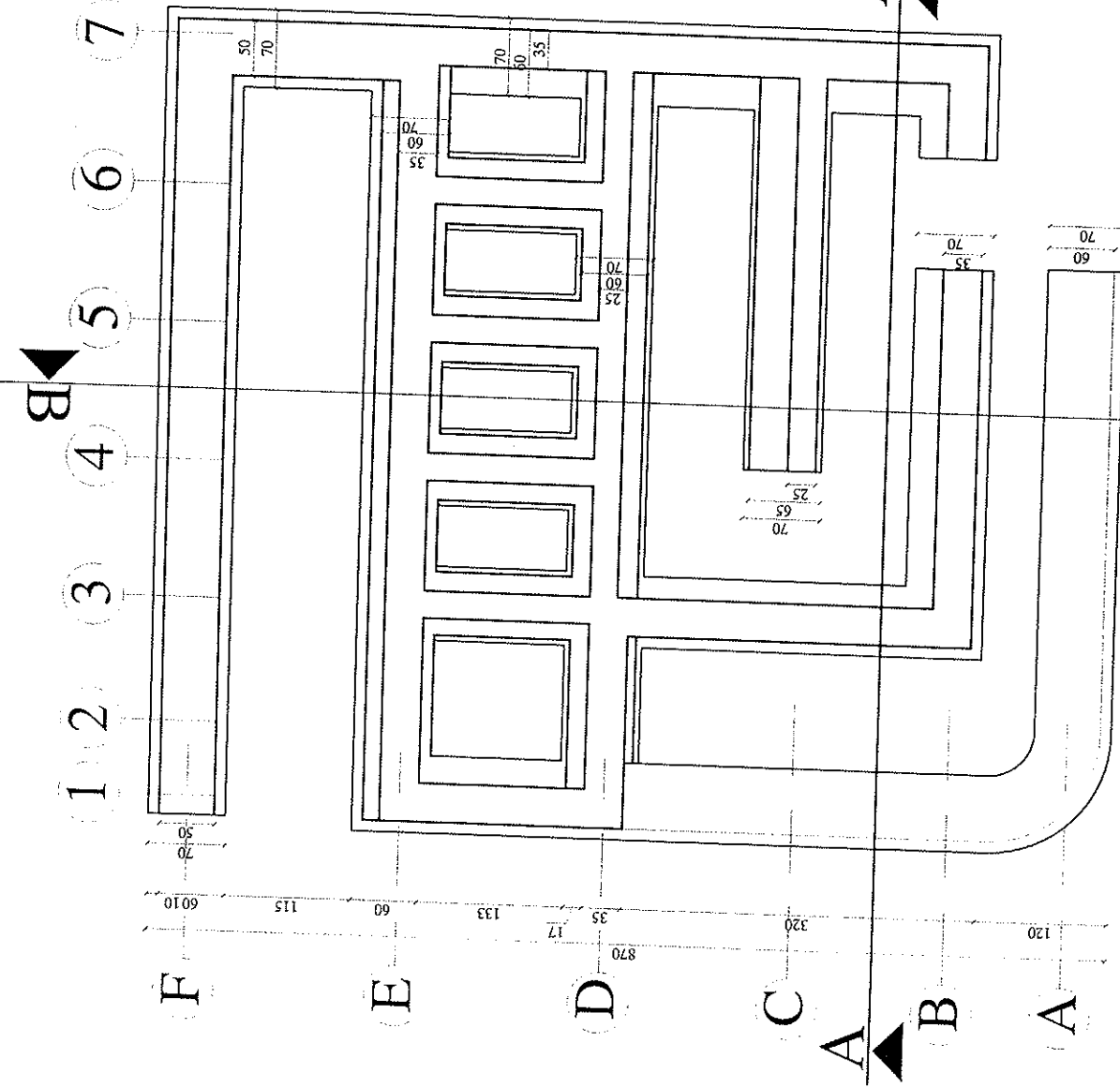
APPROVED BY

APPROVED BY





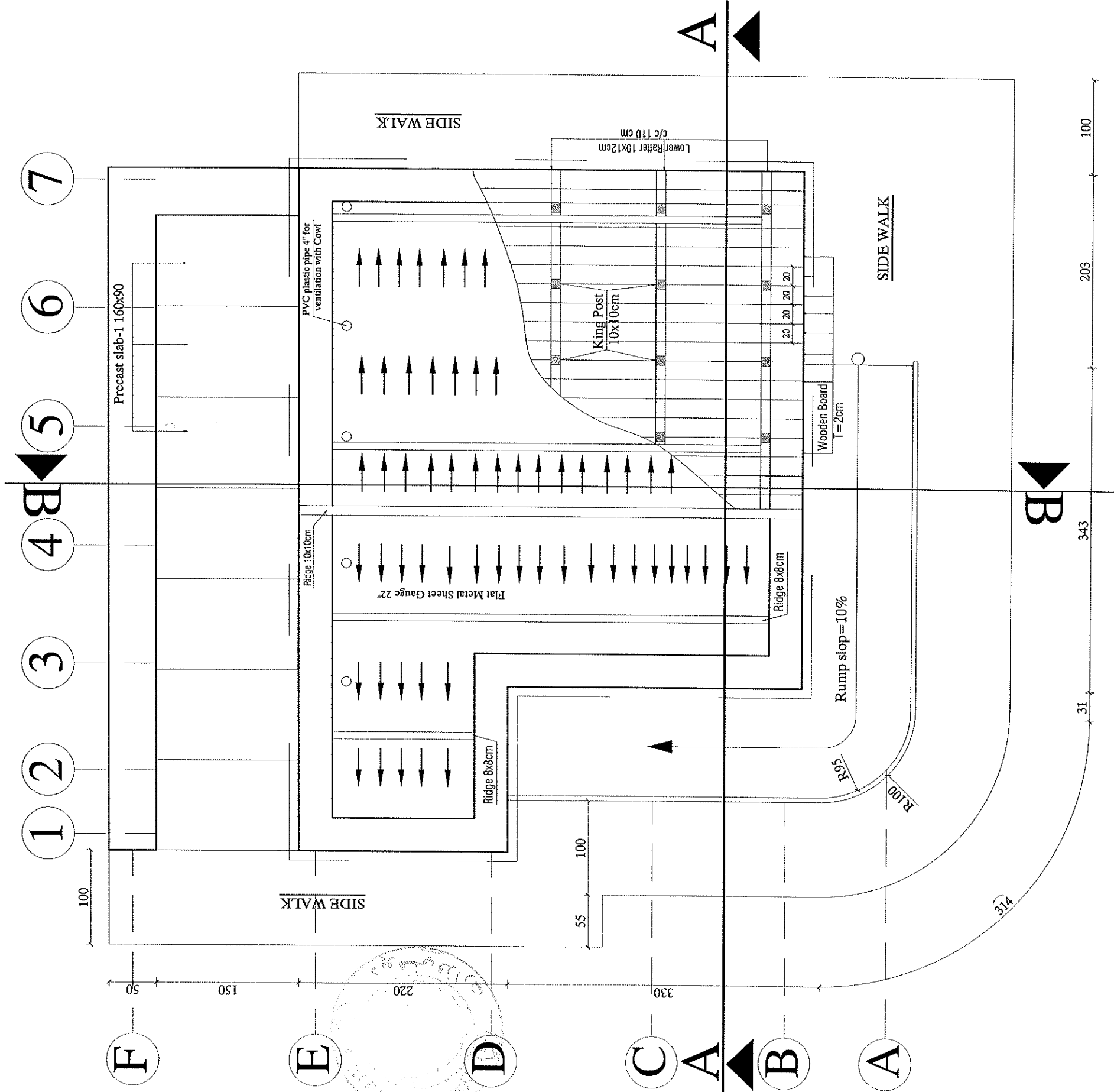
**Note:**  
All dimensions are in cm.



Note:  
All dimensions are in cm.

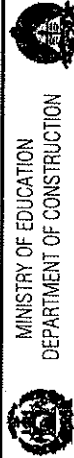
# STANDARD SCHOOL DESIGN IN AFGHANISTAN

PROJECT NAME	5-LATRINE FROM BUNT BRICK I BEAM ROOF.
DRAWING TITLE	ROOF PLAN AND FOUNDATION PLAN



ROOF PLAN

Note:  
All dimensions are in cm .



MINISTRY OF EDUCATION  
DEPARTMENT OF CONSTRUCTION

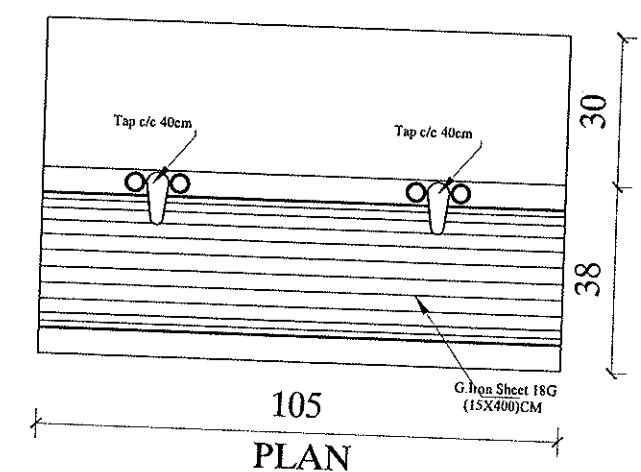
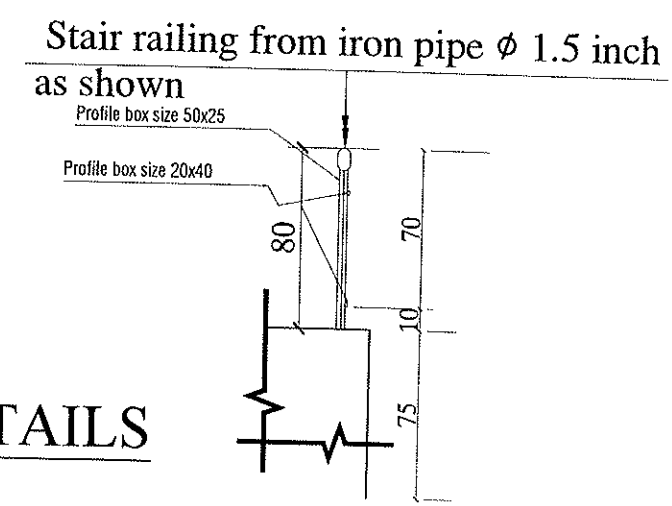
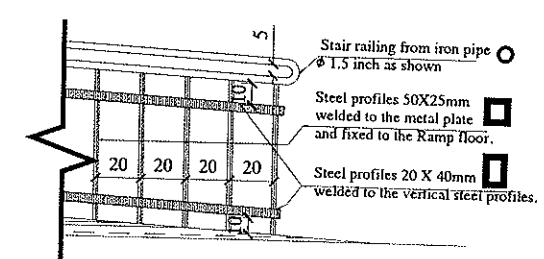
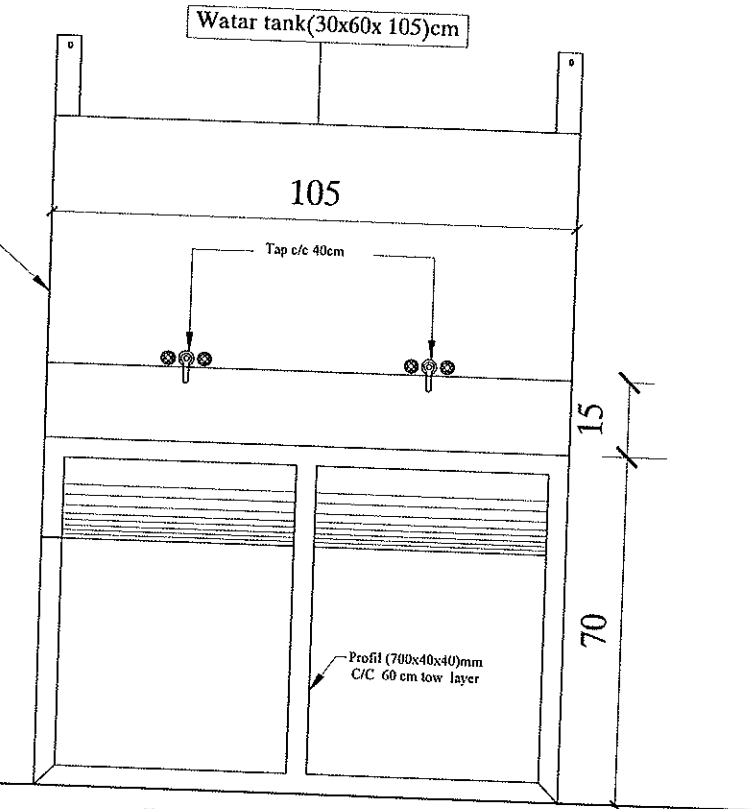
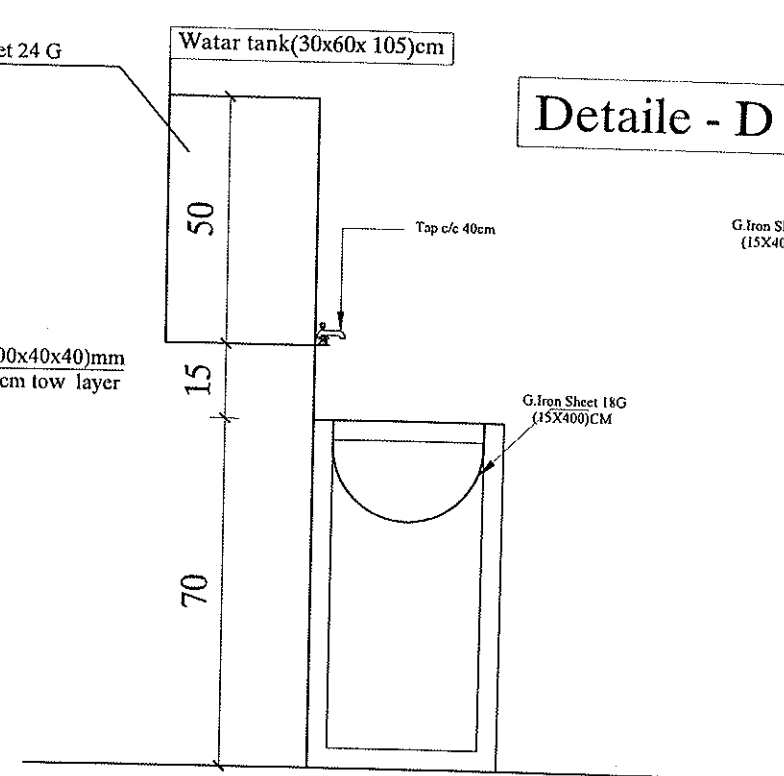
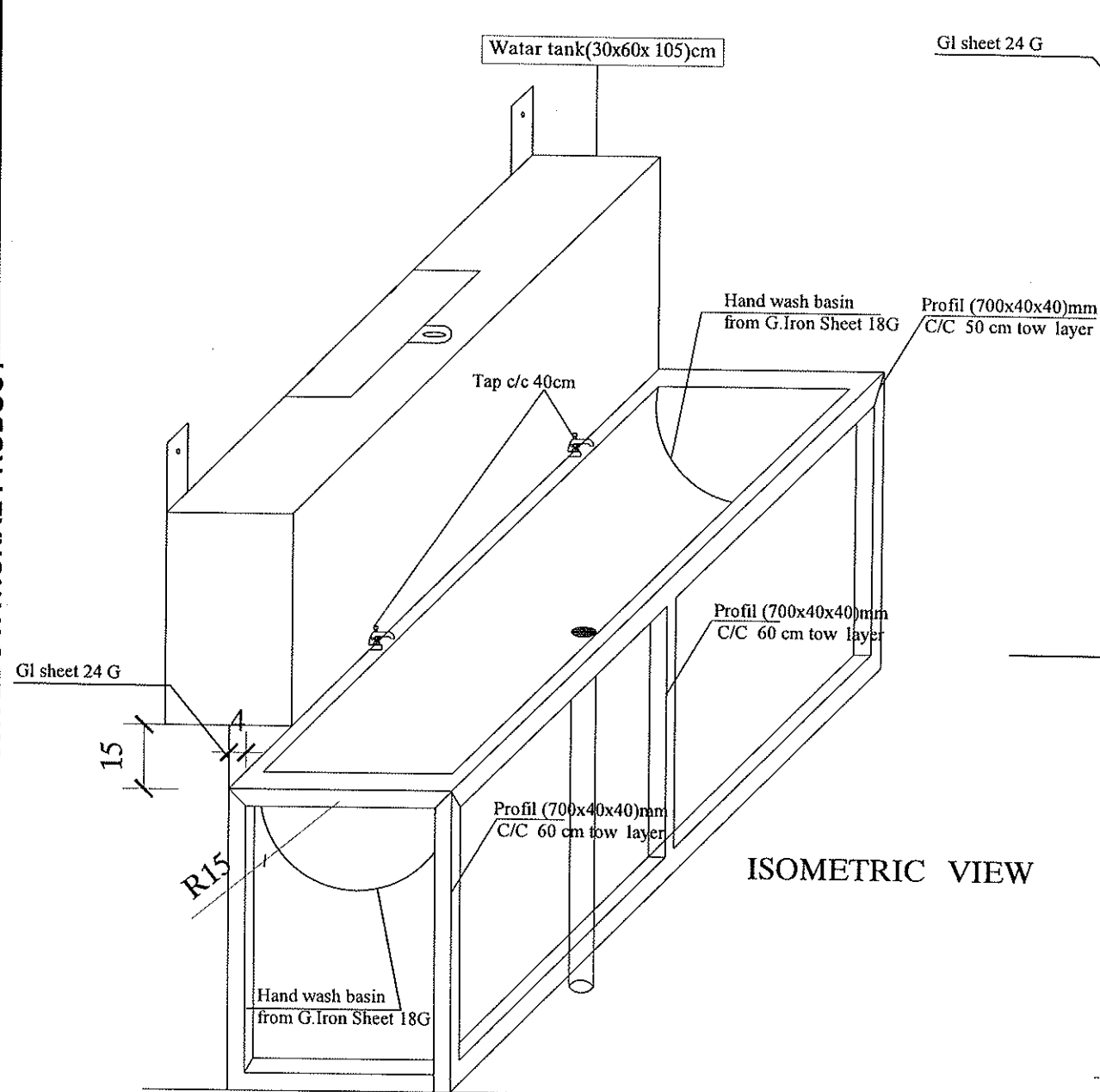
ARCHITECT/DESIGN	APPROVED/DESIGNED	SCALE	AS SHOWN (AS)	TYPE	ARCHITECTURE
CHECKED BY	APPROVED/DESIGNED	SCALE	AS SHOWN (AS)	TYPE	ARCHITECTURE
PROJECT NAME	5-LATRINE FROM BUNT BRICK I BEAM ROOF.	SCALE	AS SHOWN (AS)	TYPE	ARCHITECTURE

DRAWING TITLE  
ROOF PLAN.



PROJECT NAME  
5-LATRINE FROM BUNT BRICK I BEAM ROOF.





## DETAILS

Note:  
All dimensions are in cm.



MINISTRY OF EDUCATION  
DEPARTMENT OF CONSTRUCTION

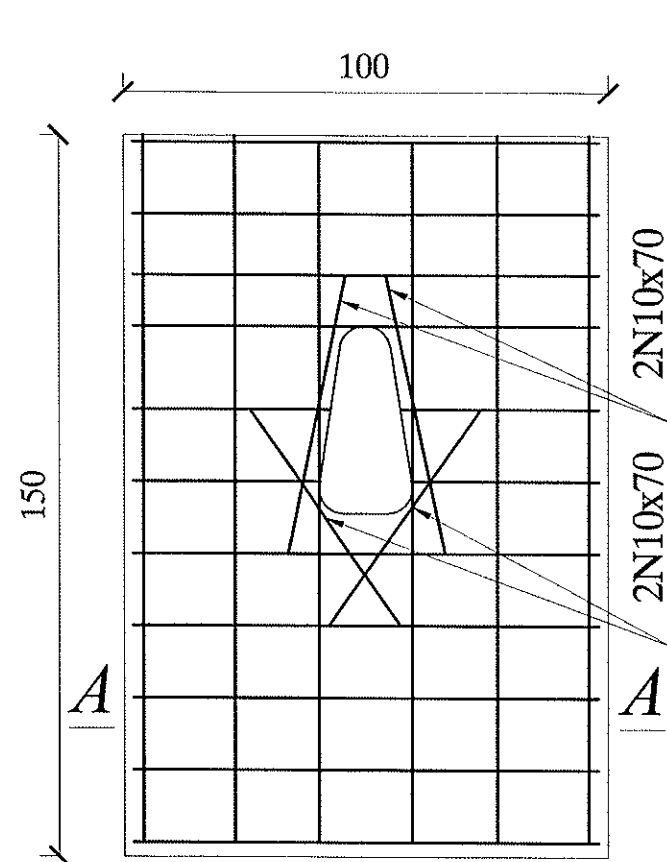


STANDARD SCHOOL DESIGN  
IN AFGHANISTAN

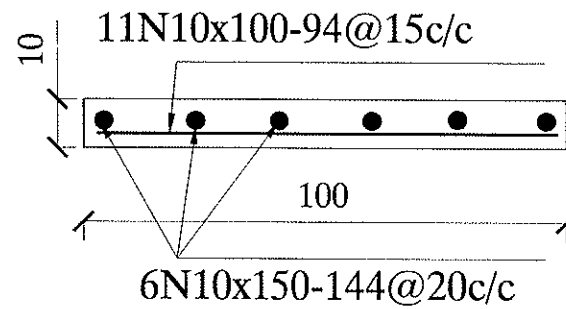
ARCHITECT/DESIGN	AM.MANWAND J.M.W	APPROVED Doc/Mos	ENG.AB.MOMIN.RAAD	TYPE	ARCHITECTURE
CHECKED BY	ENG.S.RASOOL AFGHANI	SCALE	AS SHOWN (A3)	CODE	
TECH-APPROVED BY	ENG.AB.MATIN.MAQOOL	DATE	3.23.2014	Labine-010	SHEET No

PROJECT NAME	5-LATRINE FROM BUNT BRICK I BEAM ROOF.
DRAWING TITLE	DETAILS FOR WATER TANK AND FENCE.



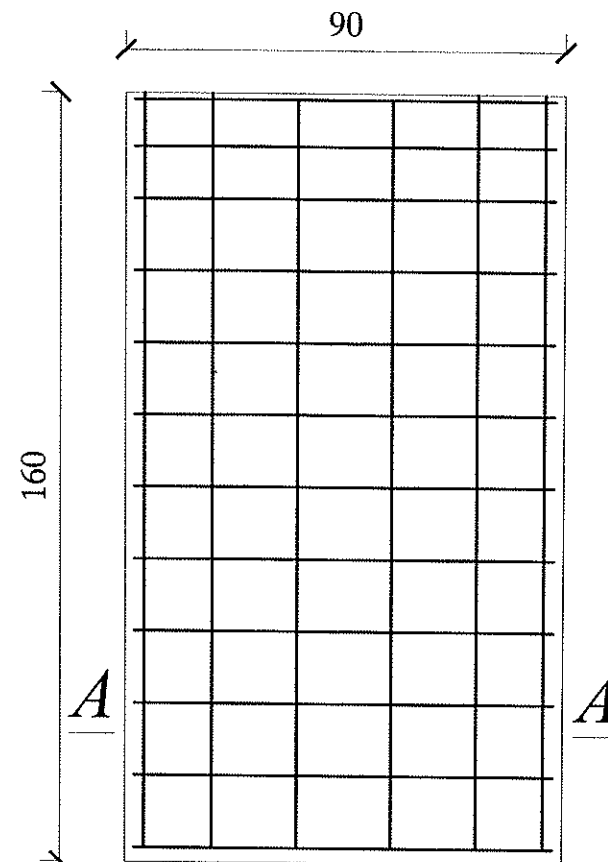


11N10x100-94@15c/c

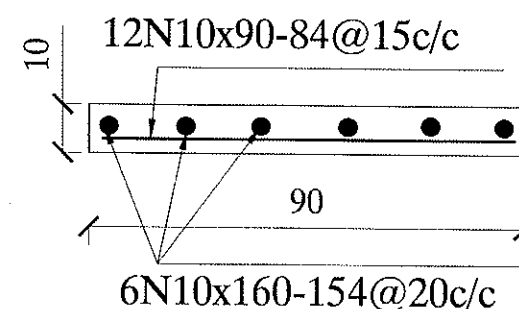


SEC A-A

Precast slab-2 150x100

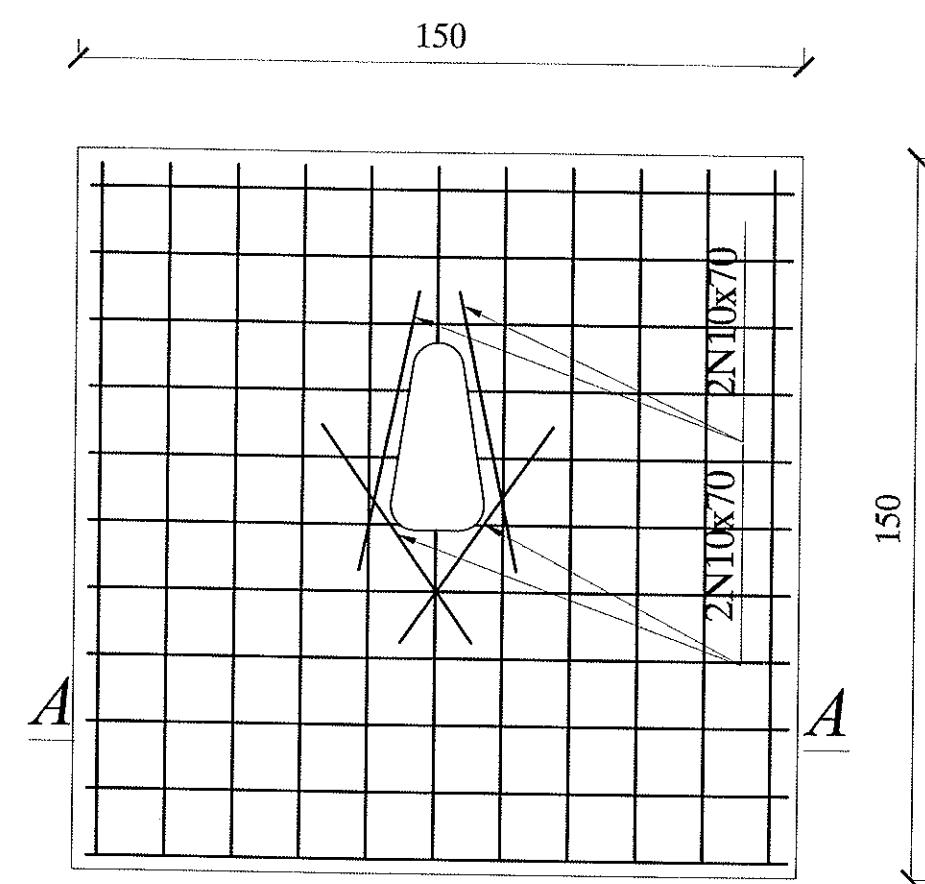


12N10x90-84@15c/c

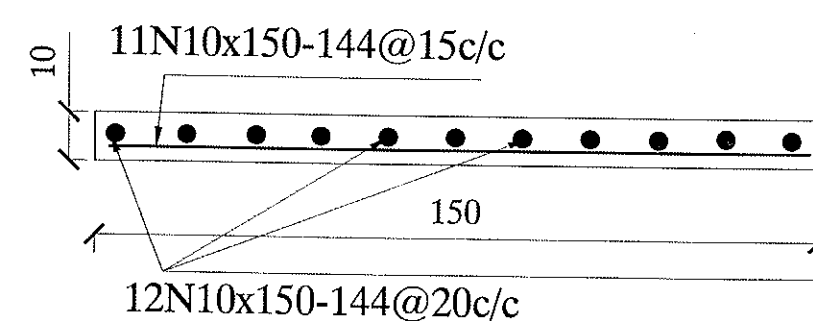


SEC A-A

Precast slab-1 160x90



11N10x150-144@15c/c



SEC A-A

Precast slab-3 150x150

# DETAILS

Note:  
All dimensions are in cm.



MINISTRY OF EDUCATION  
DEPARTMENT OF CONSTRUCTION



STANDARD SCHOOL DESIGN  
IN AFGHANISTAN

ARCHITECT/DESIGN	AH.MAIWAND, M.W	APPROVED/Doc/Mod	ENG.AB.MOMIN, RAAD	TYPE	ARCHITECTURE
CHECKED BY	ENG.S.RASOOL AFGHANI	SCALE	AS SHOWN (A3)	CODE	
TECH. APPROVED BY	ENG.AB.MATIN MAGOL	DATE	3.23.2014	SHEET No	8 8

PROJECT NAME	5-LATRINE FROM BUNT BRICK I BEAM ROOF
DRAWING TITLE	DETAILS FOR SALBS.

