



MINISTRY OF PUBLIC

HEALTH

Department of Construction / Technical Services

Documents

Sukhchala CHC

Location:

Arghandab District, Kandahar City

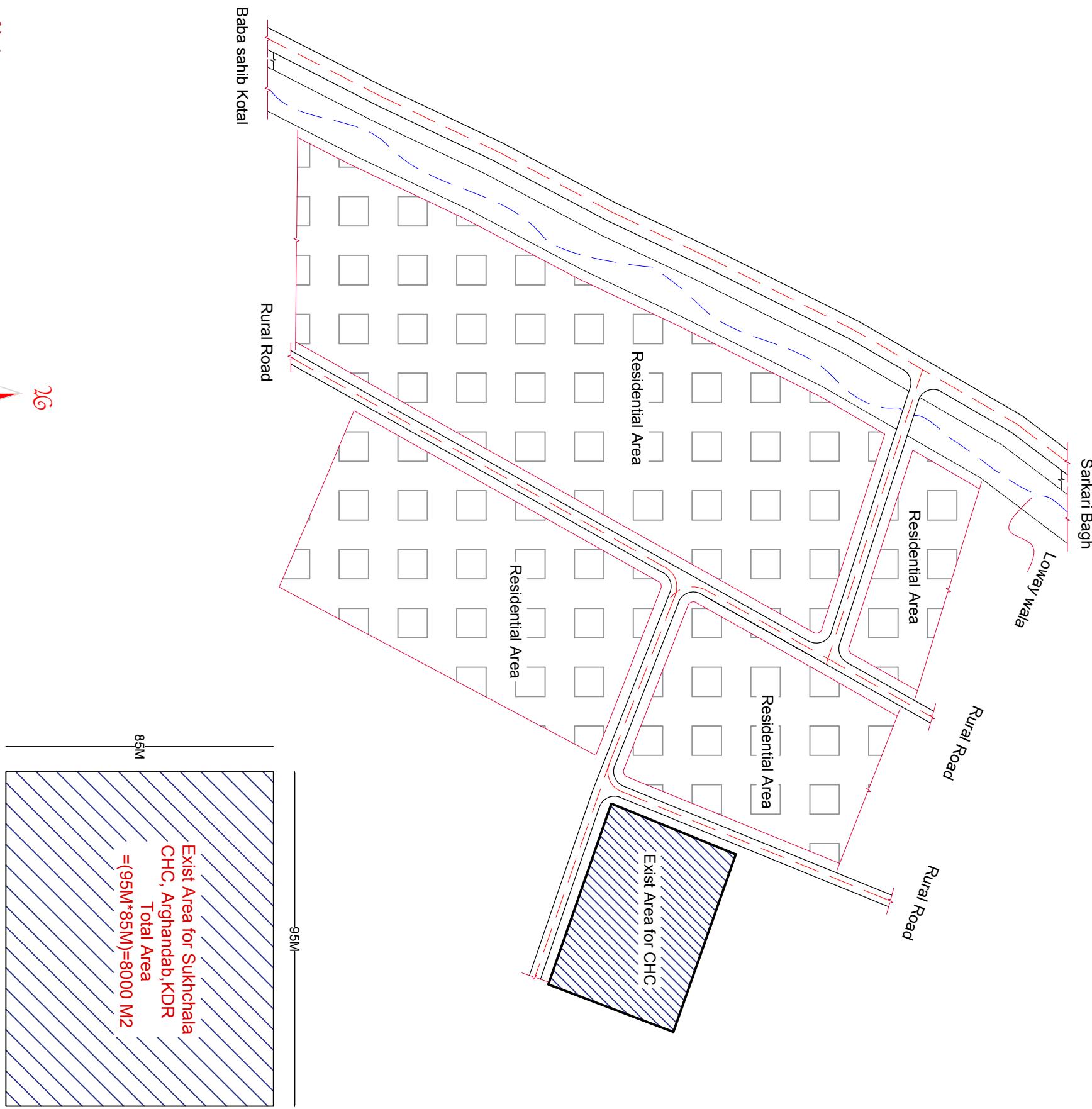
ARCHITECTURE
&
ENGINEERING
DESIGN

200ct.-2022

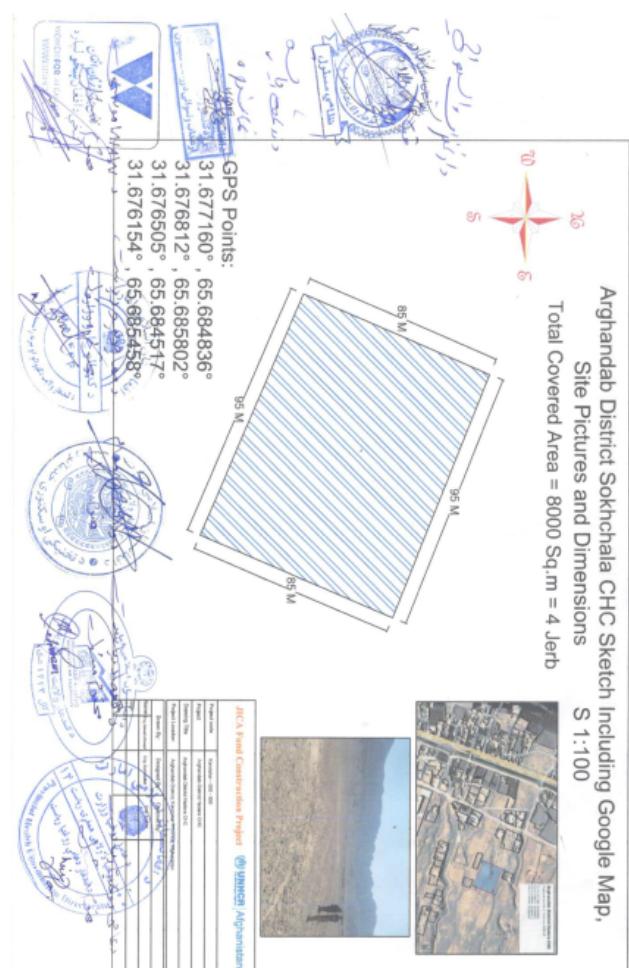


Arghandab District Sukhchala CHC Site Plan

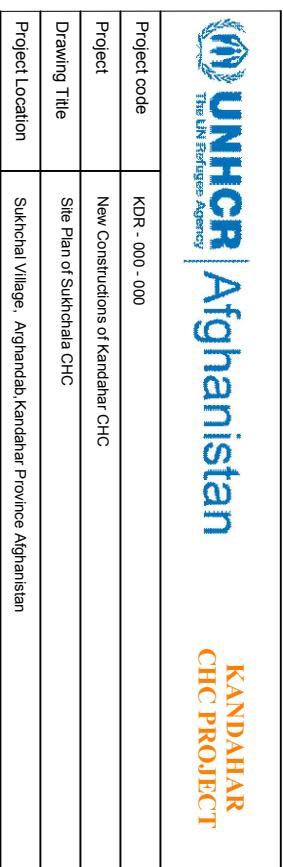
S 1:100



Signed Document of CHC



- All dimension are in (m)
- Scale:Fit to Paper



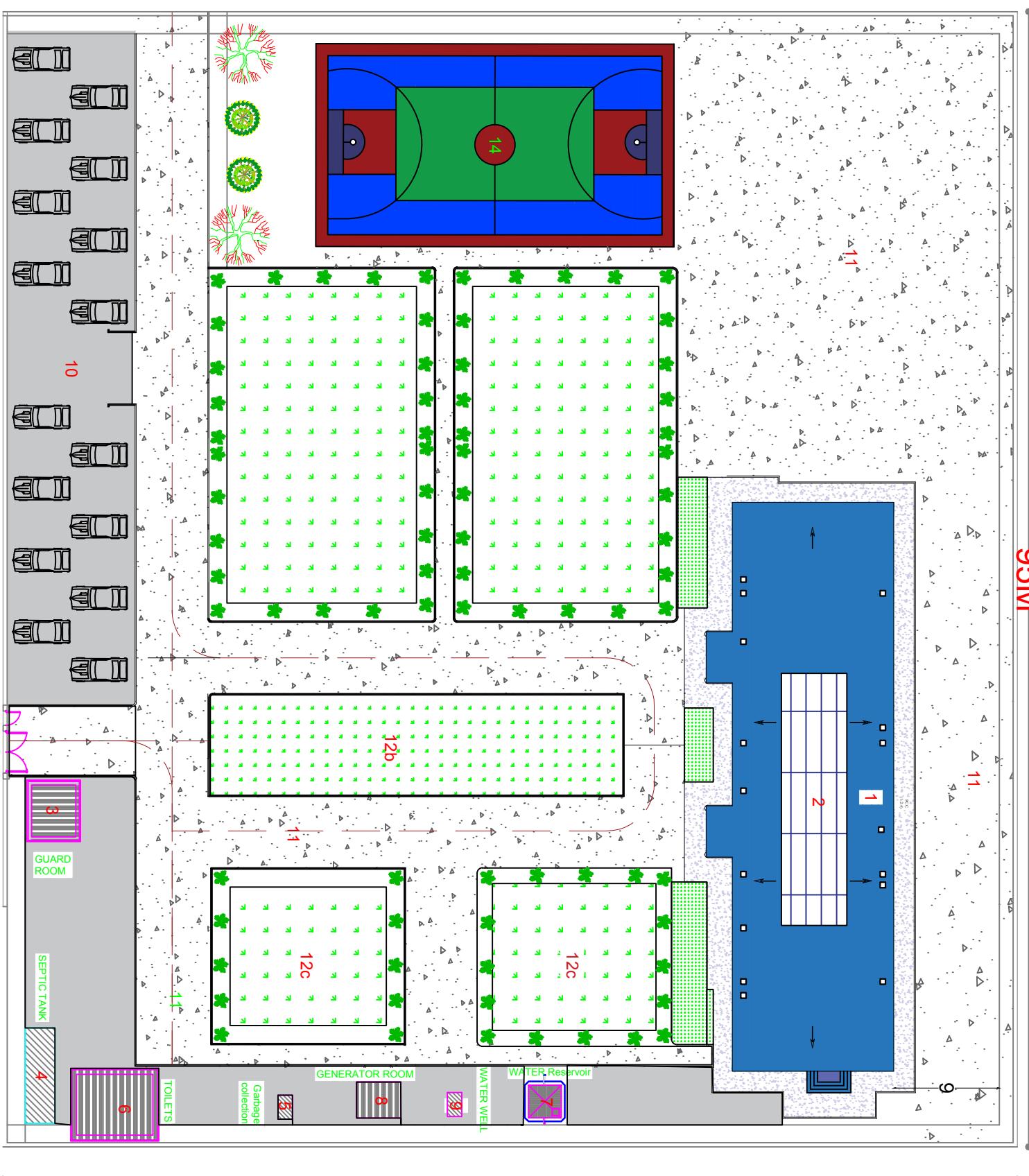
Project Location	Sukhchala Village, Arghandab, Kandahar Province, Afghanistan
Drawn By:	
Designed By:	
Checked By:	
Review By:	
Name	Eng. Masood
Sign	Eng. Danish
Date	Engr. Amir M

Note:

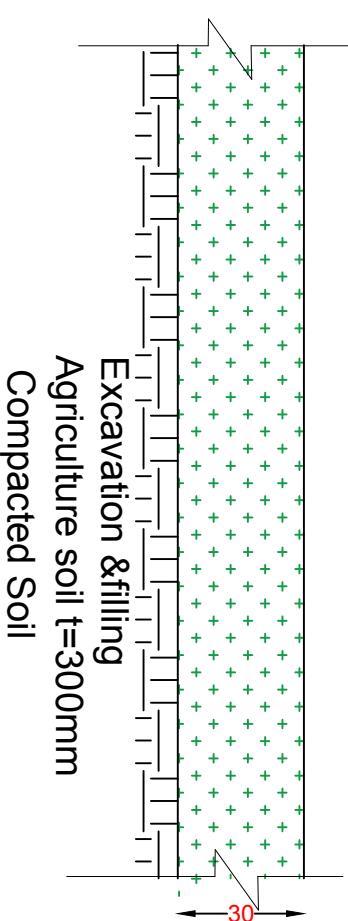
Arghandab District Sukhchala CHC Site Plan

S 1:100

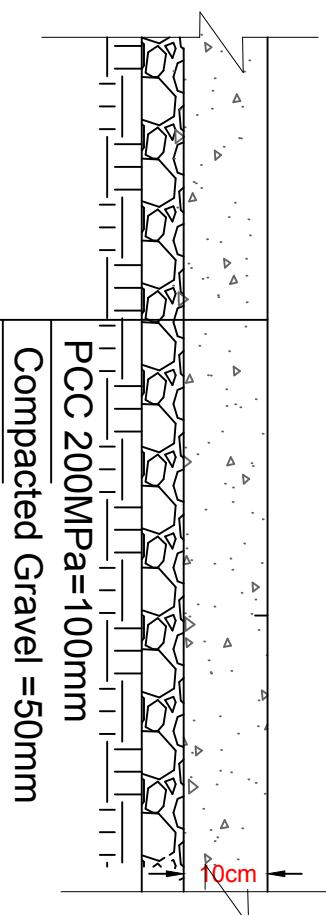
PCC Detail



Gross Detail



Total Area=3880sqm
Total site leveling=3880sqm
Total PCC=3880sqm
Total graveling=1940cum



- Note:
- All dimension ar in (m)
- Scale 1:100

UNHCR | Afghanistan CHC PROJECT
The UN Refugee Agency

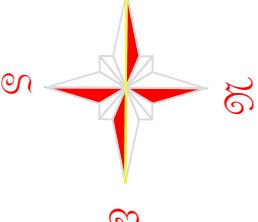
Project code	KDR 000 - 000
Project	New Constructions of Kandahar CHC
Drawing Title	Site Plan of Sukhchala CHC
Project Location	Sukhchala Village, Arghandab, Kandahar Province, Afghanistan

Drawn By: Designed By: Checked By: Review By:

Name: Eng Masood Eng. I Danish Engr. Amir M

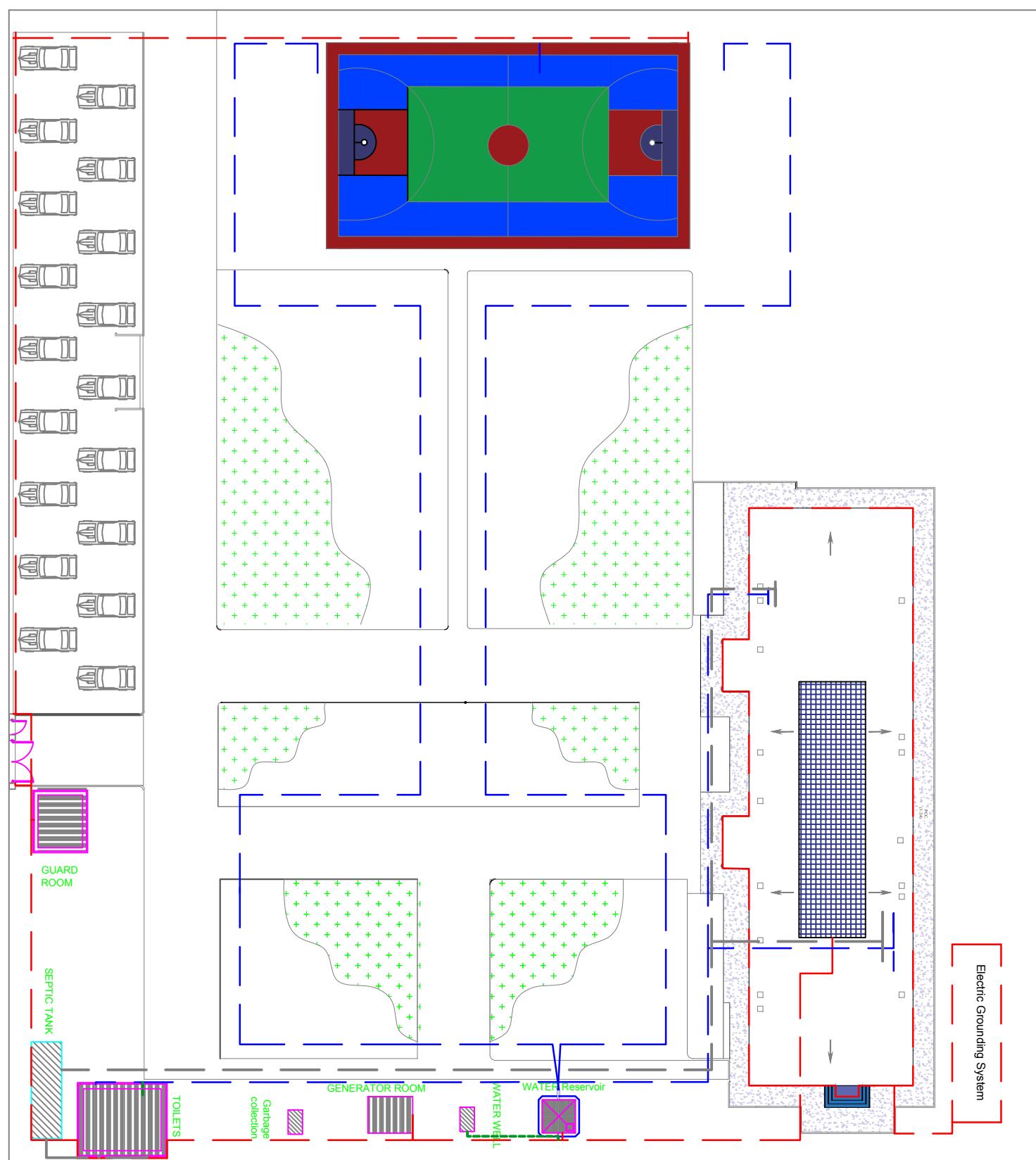
Sign: _____

Date: _____



Arghandab District Sukhchala CHC Electric and water Site Plan

S1:100

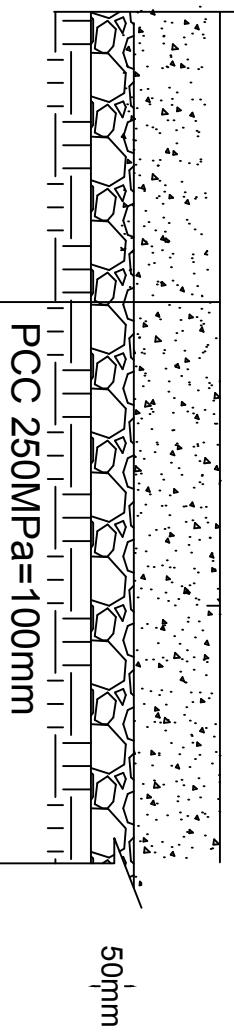


KANDAHAR CHC PROJECT			
Project code	KDR 000 - 000		
Project	New Constructions of Kandahar CHC		
Drawing Title	Site Plan of Sukhchala CHC		
Project Location	Sukhchala Village, Arghandab, Kandahar Province, Afghanistan		
Drawn By:	Designed By:	Checked By:	Review By:
Name: Eng Masood	Eng. I Danish	Engr. Amir M	
Sign			
Date			

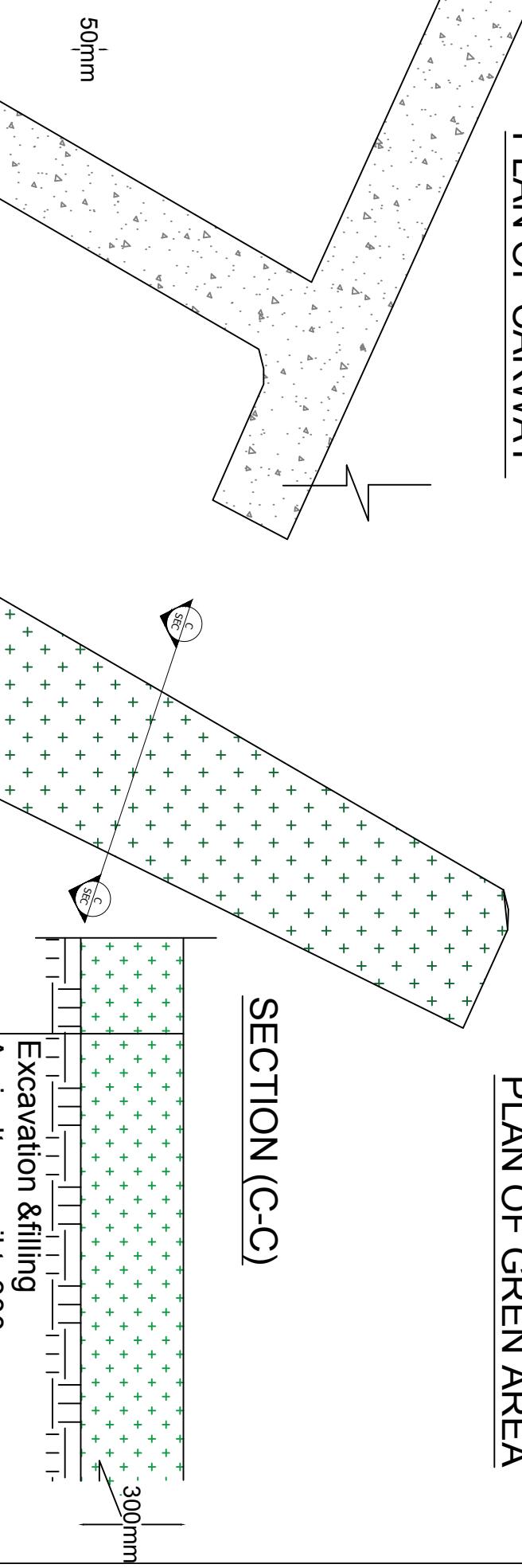
PLAN OF CARWAY

PLAN OF GREN AREA

SECTION (A-A)

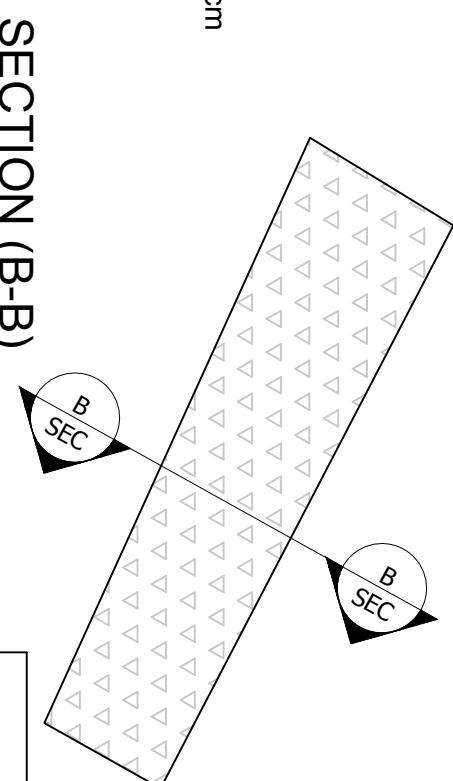


SECTION (C-C)

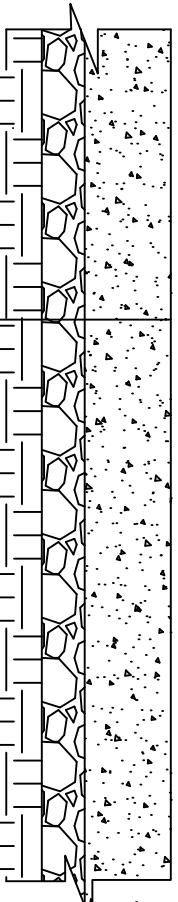


PLAN OF PARKING

100-150cm

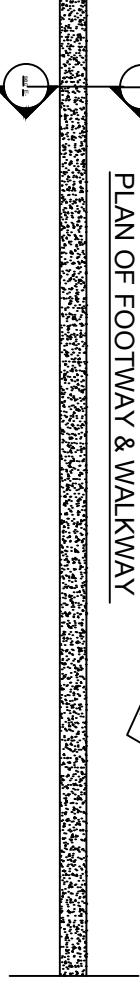


SECTION (E-E)

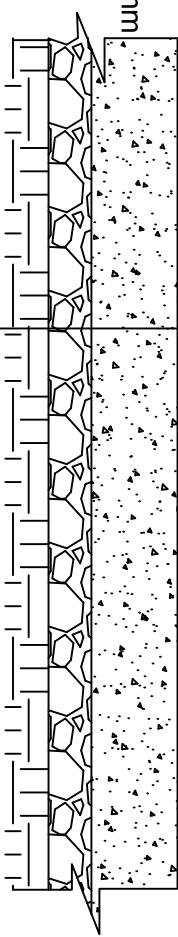


Total area of Parking =300 m²

PLAN OF FOOTWAY & WALKWAY



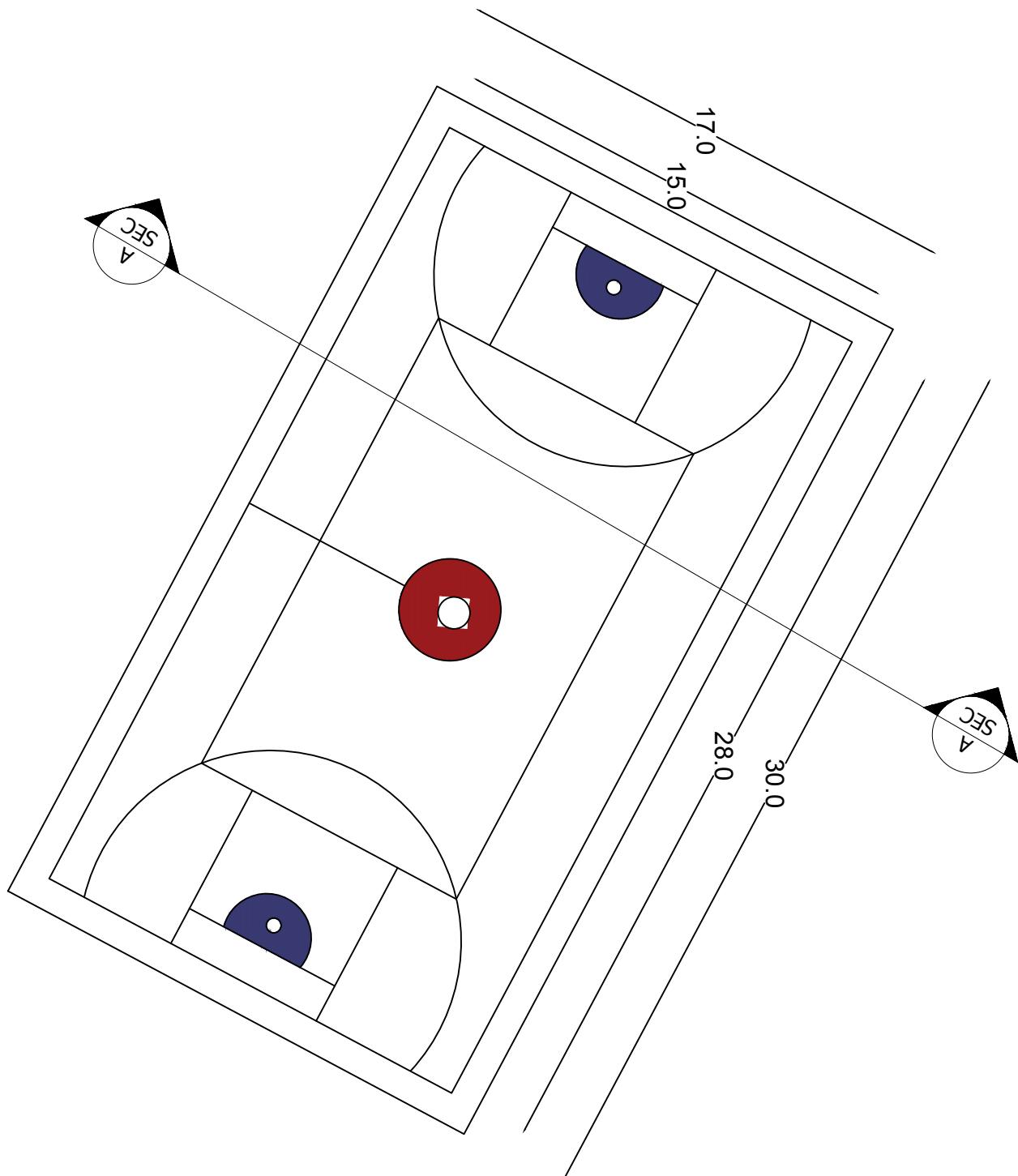
SECTION (B-B)



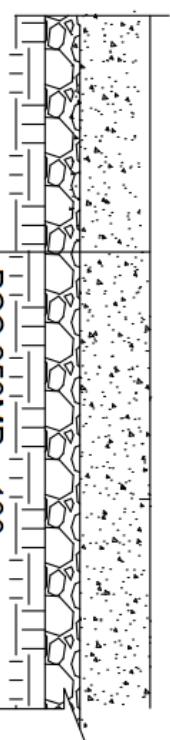
UNHCR | Afghanistan KANDAHAR CHC PROJECT

Project code	KDR - 000 - 000
Project	New Constructions of Argandab CHC
Drawing Title	Argandab District Sukhchala CHC Site Plan
Project Location	Argandab District Kandahar, Afghanistan
Drawn By:	Designed By:
Eng Masood	Eng Masood
Checked By:	Review By:
Eng.Amir M.	

BASKET BALL PLAN



SECTION (A-A)



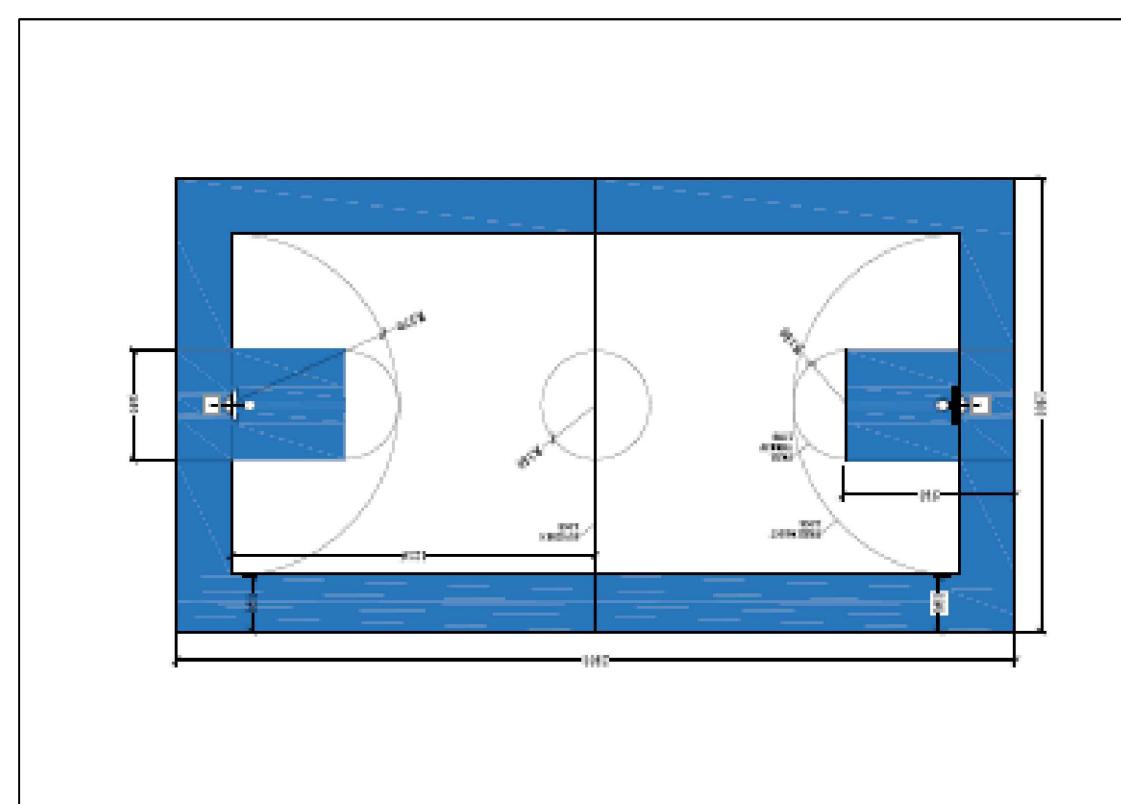
Total Area=510.0sqm
Total site levalling=510.0sqm
Total PCC=51.0cum
Total gravalng=25.5cum



UNHCR | Afghanistan

**KANDAHAR
CHC PROJECT**

Project code	KDR - 000 - 000
Project	New Constructions of Arghandab CHC
Drawing Title	Arghandab District Sukhkhala CHC Site Plan
Project Location	Arghandab District Kandahar Afghanistan
Drawn By:	Designed By:
Eng Masood	Eng I Danesh
	Eng Amir M.

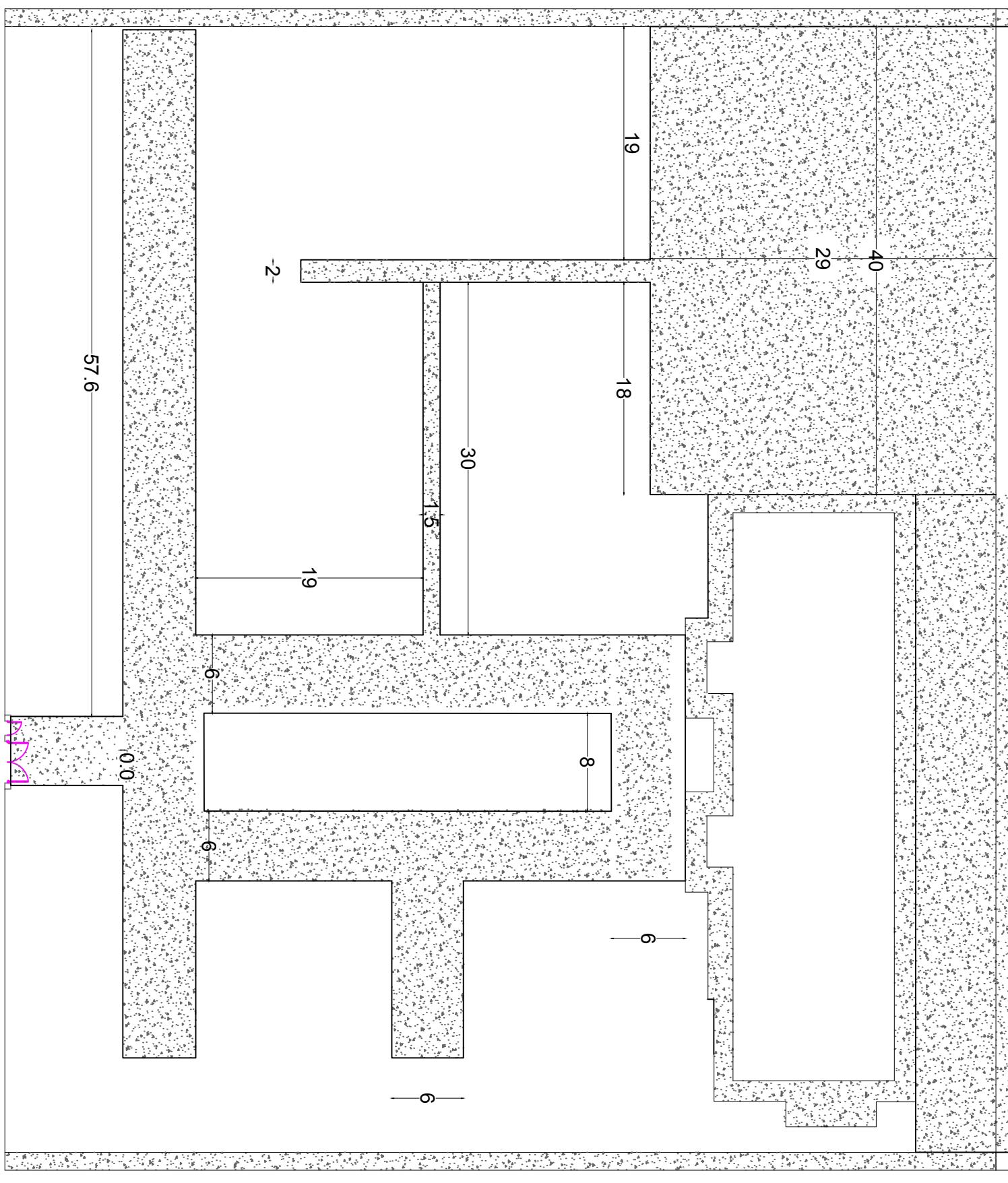


Panjwai District Sukhchala CHC Car way and Footway Site Plan with Detail

S 1:100

95

85



PCC Detail

Total Area=2000sqm

Total site levaling=2000 sqm

Total PCC=200 cum

Total gravalining=100cum



UNHCR
The UN Refugee Agency

**Afghanistan KANDAHAR
CHC PROJECT**

Project code	KOR - 000 - 000		
Project	New Constructions of Arghandab CHC		
Drawing Title	Arghandab District Sukhchala CHC Site Plan		
Project Location	Arghandab District Kandahar Afghanistan		
Drawn By:	Designed By:	Checked By:	Review By:
Eng Masood	Eng I Danesh	Eng Amir M.	

NOTES: 1

- 1 - ALL DIMENSIONS ARE IN CM.
- 2 - ALL LEVELS ARE IN CM.

3 - RCC CONCRETE

4 - PARTITION WALL

5 - BRICK WALL

6 - COMPACT SOIL

7 - PCC CONCRETE

8 - CERAMIC AND MARBLE TILES

9 - SECTION AND ELEVATION DIRECTION

10 - LEVELS

11 - CHIMNEYS LOCATION IN WALL

12 - STOVES LOCATION IN ROOM

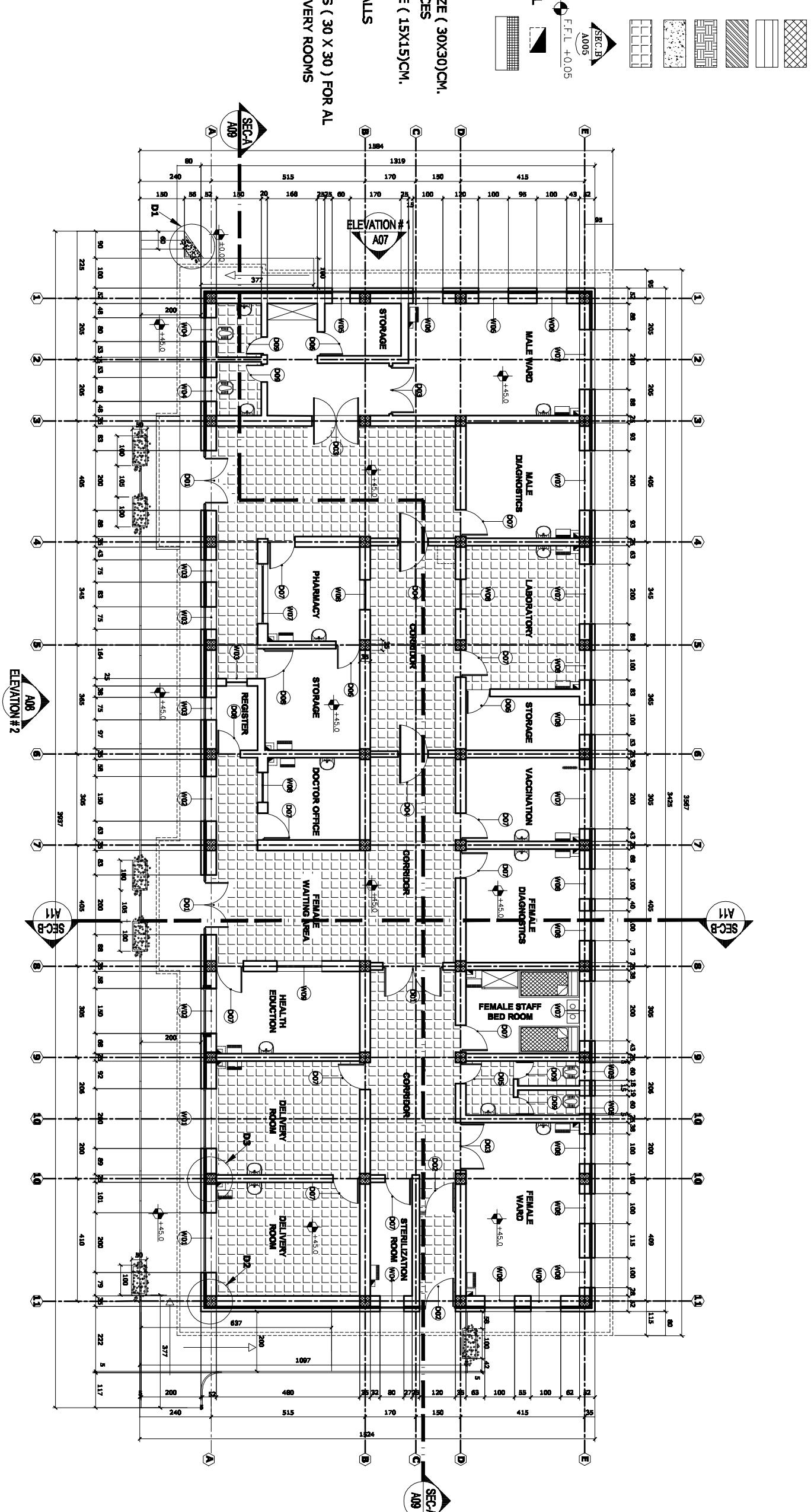
NOTES: 2

1 - USE THE TERRAZZO TILES SIZE (30X30)CM.
FOR ALL CORRIDOR AND OFFICES

2 - USE THE CERAMIC TILES SIZE (15X15)CM.
FOR DELIVER ROOMS' WALL

3 - USE OIL PAINTING FOR ALL WALLS
UP TO H = 150CM.

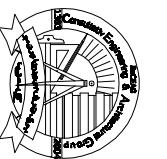
4 - USE NON SPLIT CERAMIC TILES (30 X 30) FOR AL
TOILETS , LABORATORY & DELIVERY ROOMS



GROUND FLOOR PLAN

CAD FILE	1:100	COMPREHENSIVE HEALTH CLINIC (CHC)				
SCALE		NO.	REVISION	REVISONS	INITL.	SIG.
DRAWING NUMBER	CHC.AR-002					DATE
PROJECT NUMBER		PROJEC	MANAGER	APPROVALS	ARCHITECT	

GROUND FLOOR PLAN

ARCHITECT	CLIENT	RECIPIENT
BaCEAG CONSULTATIVE ENGINEERING & ARCHITECTURAL GROUP 	MINISTRY OF PUBLIC HEALTH	
		AFGHANISTAN

BaCEAG
CONSULTATIVE
ENGINEERING
& ARCHITECTURAL
GROUP

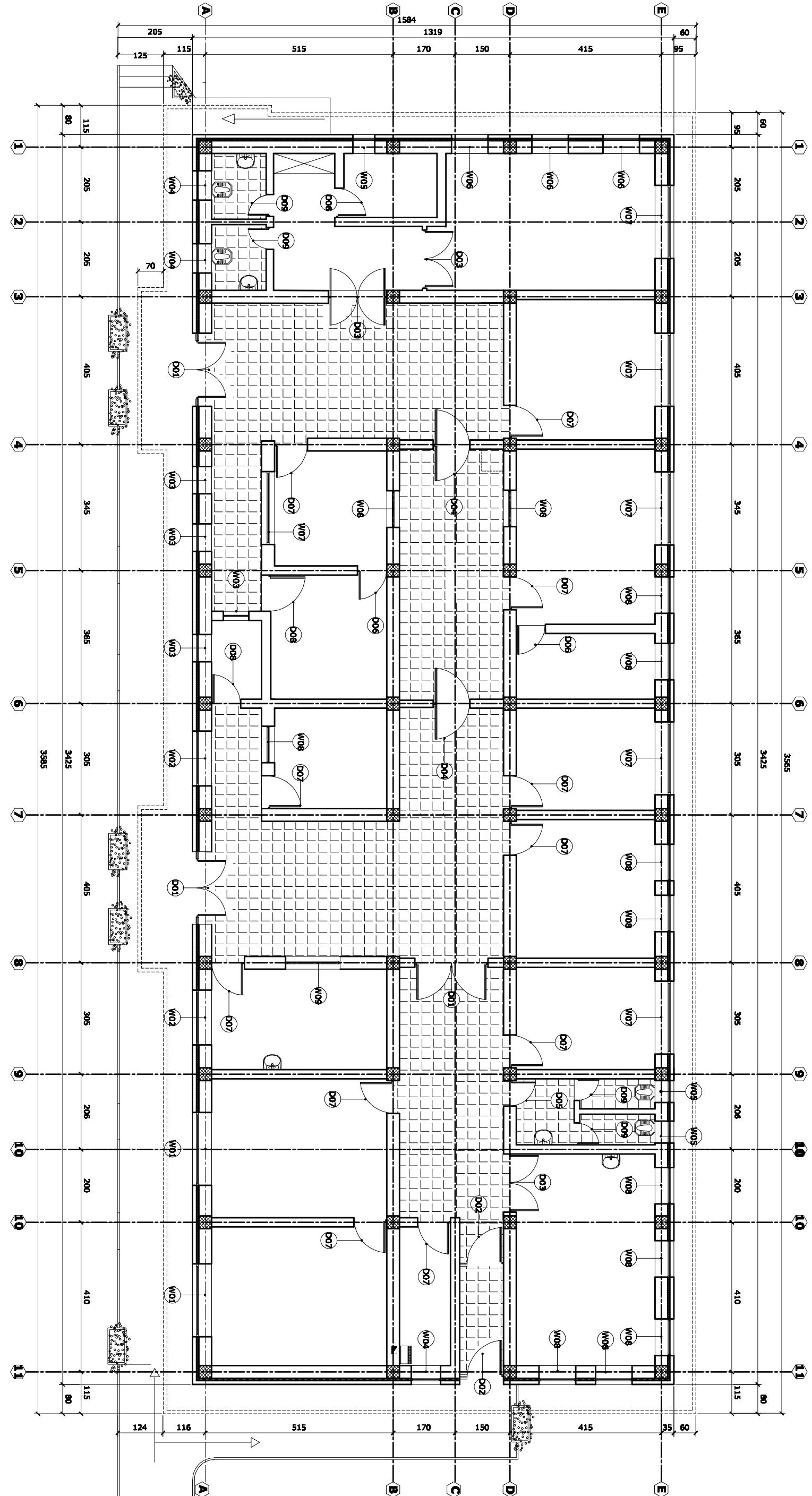


www.baceag.com

E-mail: baceag@yahoo.com

Mobile: 0799 335 888, 0799 304 478

DOOR REFERENCE PLAN



CAD FILE	1:100	COMPREHENSIVE HEALTH CLINIC (CHC)				
SCALE		NO.	REVISION	NAME	INITL.	DATE
DRAWING NUMBER	CHC.AR-003			Produced By	BaCEAG	May-2008
PROJECT NUMBER				Designed By	A.M.Saber	May-2008
				Checked By	Eng.A.Karim	May-2008
				Approvals		

BaCEAG
CONSULTATIVE
ENGINEERING
& ARCHITECTURAL
GROUP



Email: baceag@yahoo.com
Mobile: 0798 335 888, 0798 304 478

CLIENT

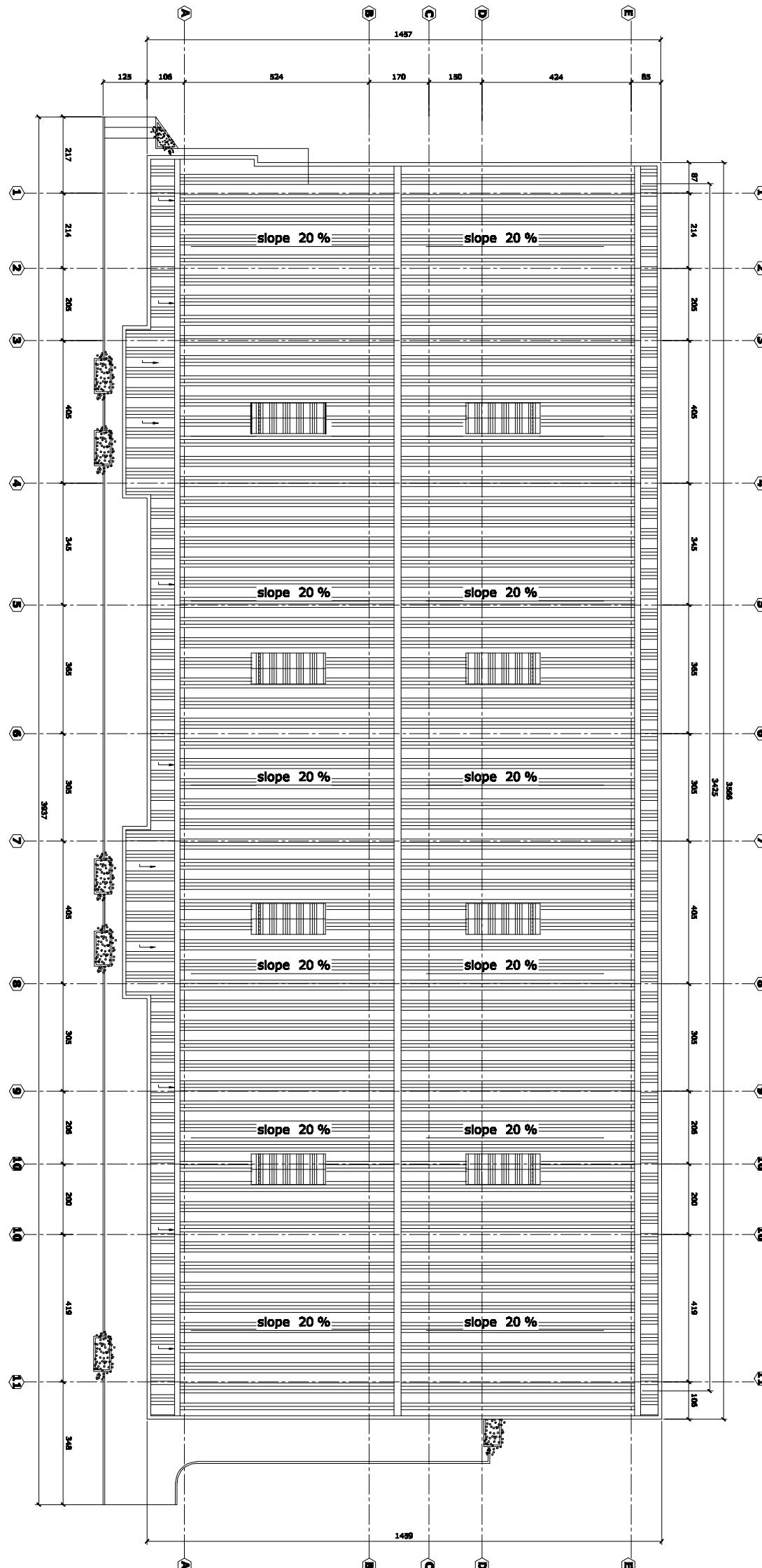
MINISTRY OF PUBLIC
HEALTH

AFGHANISTAN

RECIPIENT

ROOF PLAN

Note: Roof Truss are not included in the all portions of this project



NOTES: 1

- | | |
|--|--|
| 3 - RCC CONCRETE | |
| 4 - PARTITION WALL | |
| 5 - BRICK WALL | |
| 6 - COMPACT SOIL | |
| 7 - PCC CONCRETE | |
| 8 - CERAMIC AND MARBLE TILES | |
| 9- SECTION AND ELEVATION DIRECTION | |
| 10 - LEVELS | |
| 11 - CHIMNEY'S LOCATION IN WALL | |
| 12 - STOVES LOCATION IN ROOM | |
| NOTES: 2 | |
| 1 - USE THE TERRAZZO TILES SIZE (30X30)CM.
FOR ALL CORRIDOR AND OFFICES | |
| 2 - USE THE CERAMIC TIELES SIZE (15X15)CM.
FOR DELIVER ROOMS/WALL | |
| 3 - USE OIL PAINTING FOR ALL WALLS
UP TO H = 150CM. | |
| 4 - USE NON SPLIT CERAMIC TILES (30 X 30) FOR ALL
TOILET, LABORATORY & DELIVERY ROOMS | |

NOTES: 1

- 1 - ALL DIMENSIONS ARE IN CM.
- 2 - ALL LEVELS ARE IN CM.

3 - RCC CONCRETE

4 - PARTITION WALL

5 - BRICK WALL

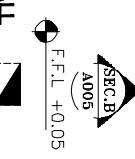
6 - COMPACT SOIL

7 - PCC CONCRETE

8 - CERAMIC AND MARBLE TILES



9- SECTION AND ELEVATION DIRECTION



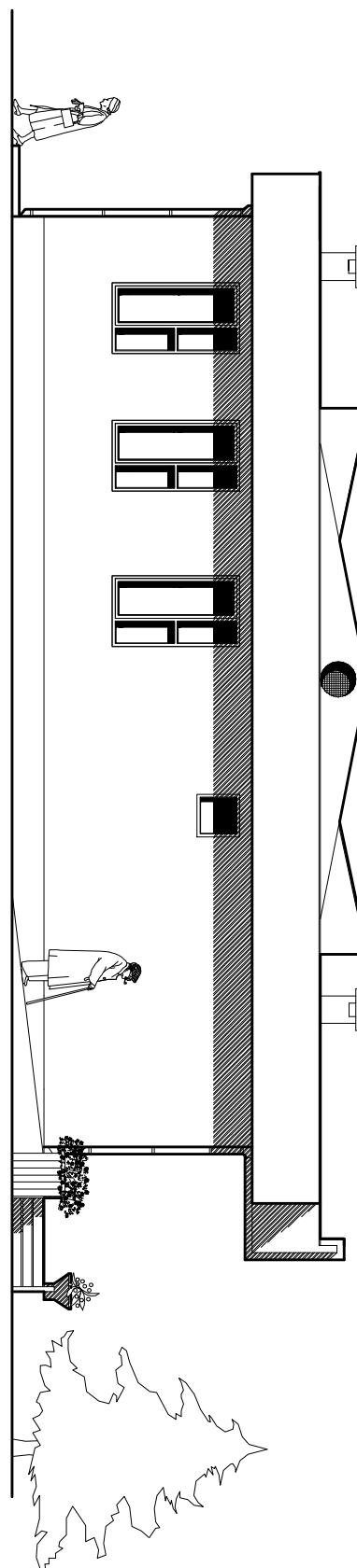
10 - LEVELS

11 - CHIMNEYS LOCATION IN WALL

12 - STOVES LOCATION IN ROOM

NOTES: 2

- 1 - USE THE TERRAZZO TIELES SIZE (30X30)CM. FOR ALL CORRIDOR AND OFFICES.
- 2 - USE THE CERAMIC TIELES SIZE (15X15)CM. FOR DELIVER ROOMS' WALL.
- 3 - USE OIL PAINTING FOR ALL WALLS UP TO H = 150CM.
- 4 - USE NON SPLIT CERAMIC TILES (30 X 30) FOR ALL TOILETS , LABORATORY & DELIVERY ROOMS



ELAVATION NO-1

CAD FILE	COMPREHENSIVE HEALTH CLINIC (CHC)	REVISIONS				INITL	SIG.	DATE	COMPREHENSIVE HEALTH CLINIC (CHC)	ARCHITECT BaCEAG CONSULTATIVE ENGINEERING & ARCHITECTURAL GROUP	CLIENT MINISTRY OF PUBLIC HEALTH	RECIPIENT	
SCALE		NO.	REVISION	NAME	INITL.	DATE	PRODUCED BY	INITL	SIG.	DATE			
DRAWING NUMBER	CHC.AR-005						BoCEAG	May-2008	May-2008	May-2008	A/ M Saber	Eng.A.Karim	
PROJECT NUMBER		ELEVATION # - 1					DESIGNED BY	May-2008	May-2008	May-2008	APPROVALS	KABUL - AFGHANISTAN	Email: bceag@yahoo.com Mobile: 0799 335 666, 0799 394 478

NOTES: 1

- 1 - ALL DIMENSIONS ARE IN CM.
- 2 - ALL LEVELS ARE IN CM.

3 - RCC CONCRETE

4 - PARTITION WALL

5 - BRICK WALL

6 - COMPACT SOIL

7 - PCC CONCRETE

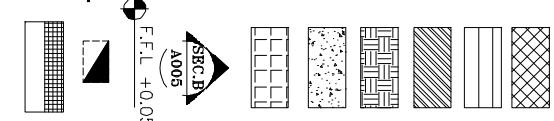
8 - CERAMIC AND MARBLE TILES

9- SECTION AND
ELEVATION DIRECTION

10 - LEVELS

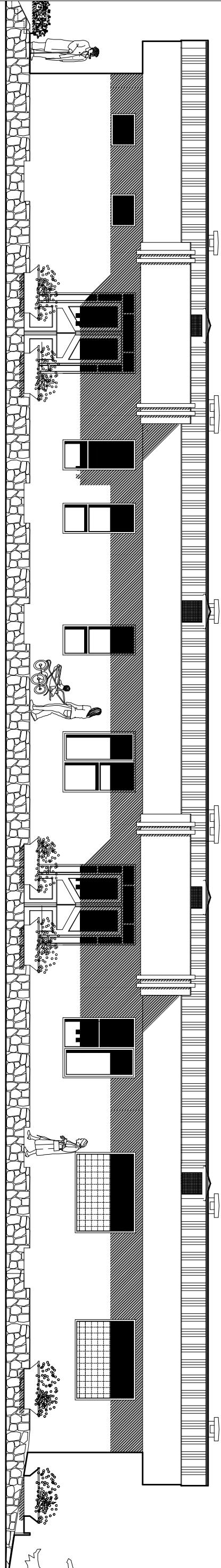
11 - CHIMNEYS LOCATION IN WALL

12 - STOVES LOCATION IN ROOM



NOTES: 2

- 1 - USE THE TERRAZZO TILES SIZE (30X30)CM. FOR ALL CORRIDOR AND OFFICES
- 2 - USE THE CERAMIC TILES SIZE (15X15)CM. FOR DELIVER ROOMS' WALL
- 3 - USE OIL PAINTING FOR ALL WALLS UP TO H = 150CM.
- 4 - USE NON SPLIT CERAMIC TILES (30 X 30) FOR ALL TOILETS , LABORATORY & DELIVERY ROOMS



ELAVATION NO-2

CAD FILE	1:100	REVISIONS				INITL.	SIG.	DATE	COMPREHENSIVE HEALTH CLINIC (CHC)		ARCHITECT
SCALE		NO. REVISION				PRODUCED BY	BoCEAG	May-2008	BoCEAG CONSULTATIVE ENGINEERING & ARCHITECTURAL GROUP		BoCEAG CONSULTATIVE ENGINEERING & ARCHITECTURAL GROUP
DRAWING NUMBER	CHC.AR-006	NAME INITL. DATE				DESIGNED BY	A.M.Saber	May-2008	CLINIC (CHC)		CLINIC (CHC)
PROJECT NUMBER		CHECKED BY				CHECKED BY	Eng.A.Karim	May-2008	APPROVALS		KABUL - AFGHANISTAN
		APPROVALS				APPROVALS			CLIENT		RECPIENT
		PROJECT MANAGER				PROJECT MANAGER			MINISTRY OF PUBLIC HEALTH		MINISTRY OF PUBLIC HEALTH
		PROJECT DIRECTOR				PROJECT DIRECTOR			AFGHANISTAN		AFGHANISTAN
		Email: boceag@yahoo.com Mobile: 0799 335 666, 0799 394 478									

NOTES: 1

1 - ALL DIMENSIONS ARE IN CM.

2 - ALL LEVELS ARE IN CM.

3 - RCC CONCRETE

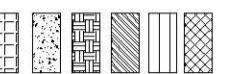
4 - PARTITION WALL

5 - BRICK WALL

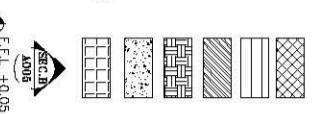
6 - COMPACT SOIL

7 - PCC CONCRETE

8 - CERAMIC AND MARBLE TILES



9 - SECTION AND ELEVATION DIRECTION



10 - LEVELS

11 - CHIMNEYS LOCATION IN WALL

12 - STOVES LOCATION IN ROOM

NOTES: 2

1 - USE THE TERRAZZO TILES SIZE (30X30)CM.
FOR ALL CORRIDOR AND OFFICES

2 - USE THE CERAMIC TILES SIZE (15X15)CM.
FOR DELIVERY ROOMS' WALL

3 - USE OIL PAINTING FOR ALL WALLS
UP TO H = 180CM.

4 - USE NON SPLIT CERAMIC TILES (30 X 30) FOR AL
TOILETS , LABORATORY & DELIVERY ROOMS

IRON SHEETS GAUGE: 24
WOODEN BOARD 4CM THICK

WOODEN BOARD 3CM THICK

WOODEN BOARD 7/16CM IN MIDDLE

HEAT INSULATION GLASS WOOL 10CM WITH ALUMINUM SHEET

POSITION OF ALUMINUM SHEET WOOL 10CM
BETWEEN GLASS WOOL AND RCC SLAB

R.C.C. SLAB 12CM

CEILING PLASTER 20CM

CEILING PLASTER WITH PAINTED

IRON SHEETS GAUGE: 24
WOODEN BOARD SIZE: 3CM. THICK.

WOODEN BOARD BACK TOP

WOODEN BOARD 7/16CM IN MIDDLE

HEAT INSULATION GLASS WOOL 10CM WITH ALUMINUM SHEET

BETWEEN GLASS WOOL AND RCC SLAB

R.C.C. SLAB 12CM

CEILING PLASTER WITH PAINTED

IRON SHEETS GAUGE: 24
WOODEN BOARD SIZE: 3CM. THICK.

WOODEN BOARD BACK TOP

WOODEN BOARD 7/16CM IN MIDDLE

HEAT INSULATION GLASS WOOL 10CM WITH ALUMINUM SHEET

BETWEEN GLASS WOOL AND RCC SLAB

R.C.C. SLAB 12CM

CEILING PLASTER WITH PAINTED

IRON SHEETS GAUGE: 24
WOODEN BOARD SIZE: 3CM. THICK.

WOODEN BOARD BACK TOP

WOODEN BOARD 7/16CM IN MIDDLE

HEAT INSULATION GLASS WOOL 10CM WITH ALUMINUM SHEET

BETWEEN GLASS WOOL AND RCC SLAB

R.C.C. SLAB 12CM

CEILING PLASTER WITH PAINTED

IRON SHEETS GAUGE: 24
WOODEN BOARD SIZE: 3CM. THICK.

WOODEN BOARD BACK TOP

WOODEN BOARD 7/16CM IN MIDDLE

HEAT INSULATION GLASS WOOL 10CM WITH ALUMINUM SHEET

BETWEEN GLASS WOOL AND RCC SLAB

R.C.C. SLAB 12CM

CEILING PLASTER WITH PAINTED

IRON SHEETS GAUGE: 24
WOODEN BOARD SIZE: 3CM. THICK.

WOODEN BOARD BACK TOP

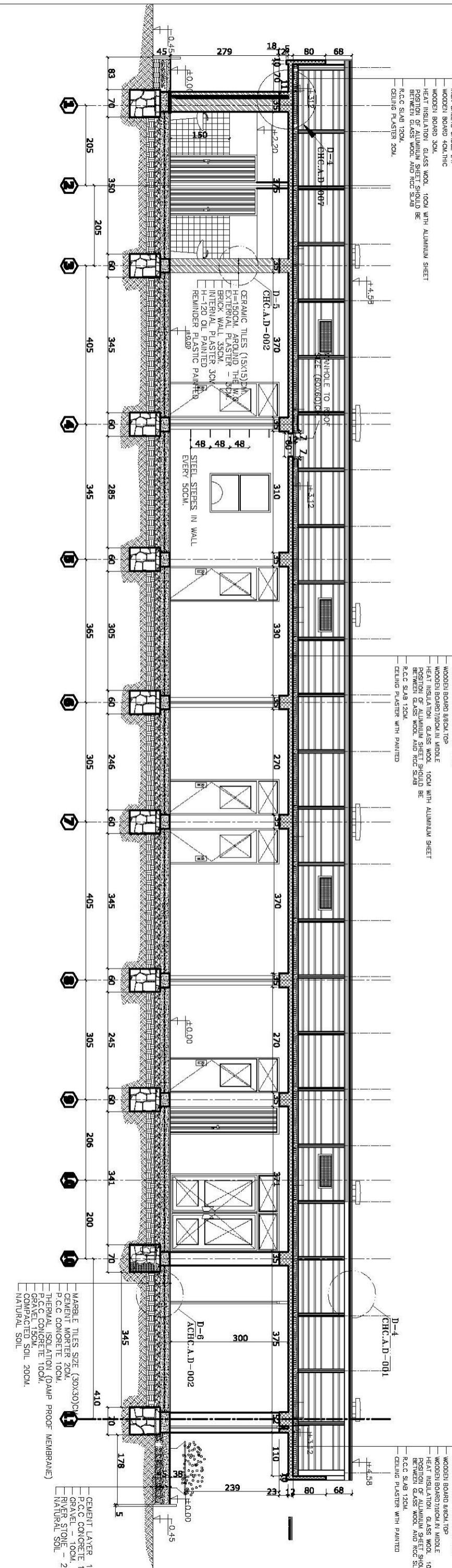
WOODEN BOARD 7/16CM IN MIDDLE

HEAT INSULATION GLASS WOOL 10CM WITH ALUMINUM SHEET

BETWEEN GLASS WOOL AND RCC SLAB

R.C.C. SLAB 12CM

CEILING PLASTER WITH PAINTED



SECTION A-A

CAD FILE	COMPREHENSIVE HEALTH CLINIC (CHC)		REVISION	REVISIONS	INITL.	SIG.	DATE	COMPREHENSIVE HEALTH	ARCHITECT	CLIENT	RECIPIENT
SCALE	1:100		NO.	NAME	INITL.	DATE	PRODUCED BY	BaCEAG		MINISTRY OF PUBLIC	
DRAWING NUMBER	CHC.AR-007						DESIGNED BY	A.-M.Sobier		HEALTH	
PROJECT NUMBER							CHECKED BY	Erg.A.Karim		AFGHANISTAN	
							APPROVALS				
							PROJECT MANAGER				
							PROJECT DIRECTOR				
							Email: baceag@yahoo.com				
							Mobile: 0798 335 666 , 0798 304 473				

NOTES: 1

1 - ALL DIMENSIONS ARE IN CM.

2 - ALL LEVELS ARE IN CM.

3 - RCC CONCRETE

4 - PARTITION WALL

5 - BRICK WALL

6 - CONNECT SOIL

7 - RCC CONCRETE

8 - CERAMIC AND MARBLE TILES

9 - SECTION AND ELEVATION DIRECTION

10 - LEVELS

11 - CHEMICAL LOCATION IN WALL



12 - STORE LOCATION IN ROOM



13 - Elevation

14 - Elevation

15 - Elevation

16 - Elevation

17 - Elevation

18 - Elevation

19 - Elevation

20 - Elevation

21 - Elevation

22 - Elevation

23 - Elevation

24 - Elevation

25 - Elevation

26 - Elevation

27 - Elevation

28 - Elevation

29 - Elevation

30 - Elevation

31 - Elevation

32 - Elevation

33 - Elevation

34 - Elevation

35 - Elevation

36 - Elevation

37 - Elevation

38 - Elevation

39 - Elevation

40 - Elevation

41 - Elevation

42 - Elevation

43 - Elevation

44 - Elevation

45 - Elevation

46 - Elevation

47 - Elevation

48 - Elevation

49 - Elevation

50 - Elevation

51 - Elevation

52 - Elevation

53 - Elevation

54 - Elevation

55 - Elevation

56 - Elevation

57 - Elevation

58 - Elevation

59 - Elevation

60 - Elevation

61 - Elevation

62 - Elevation

63 - Elevation

64 - Elevation

65 - Elevation

66 - Elevation

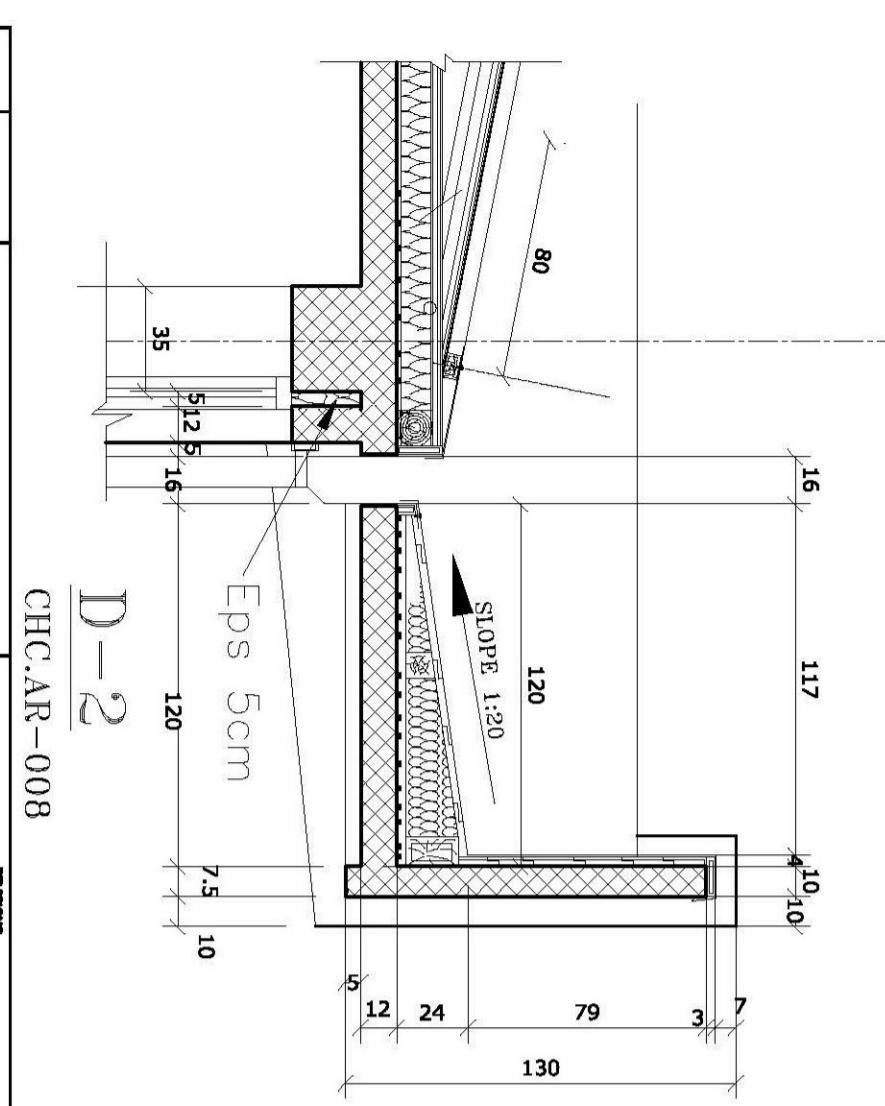
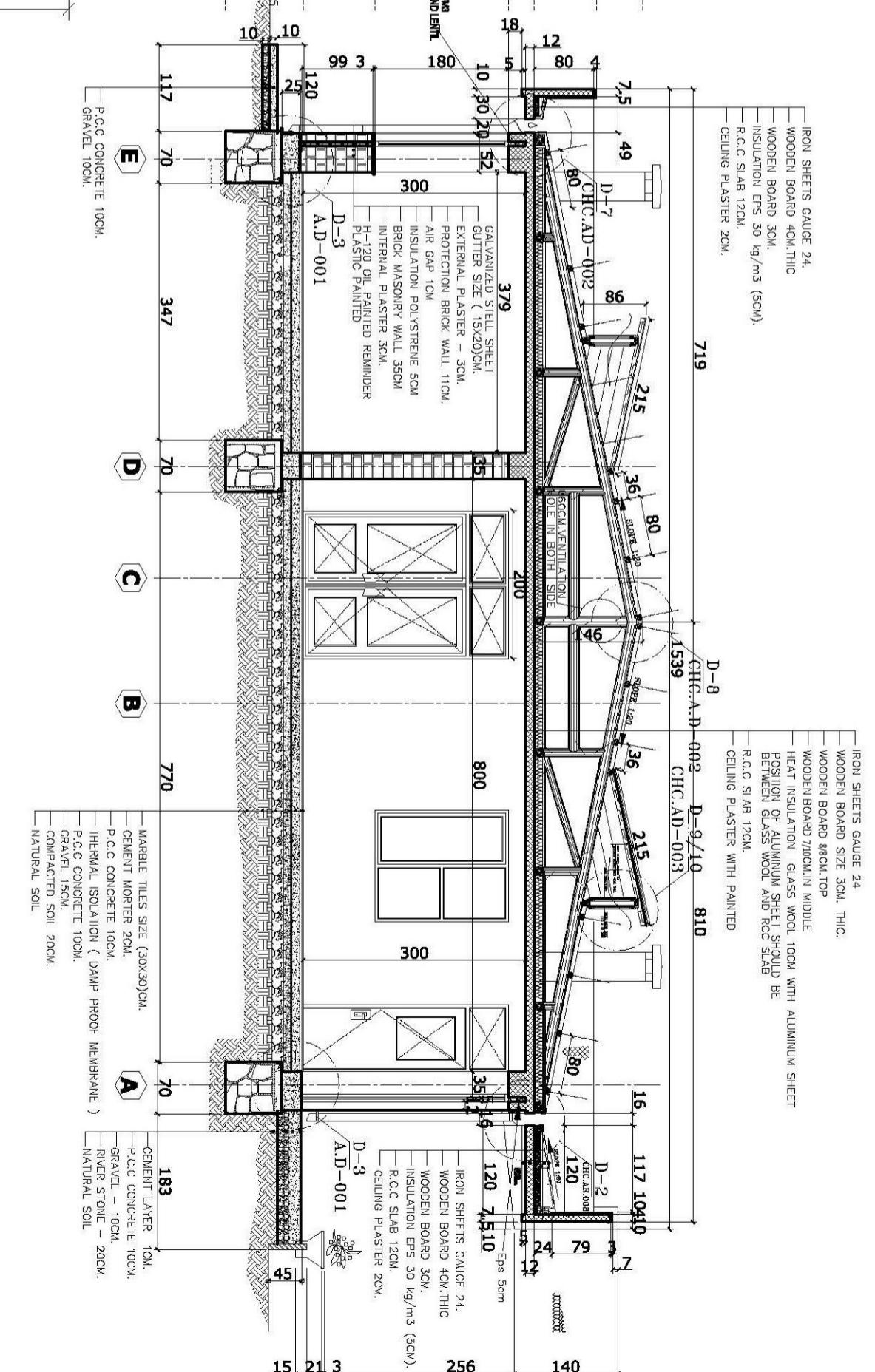
67 - Elevation

68 - Elevation

69 - Elevation

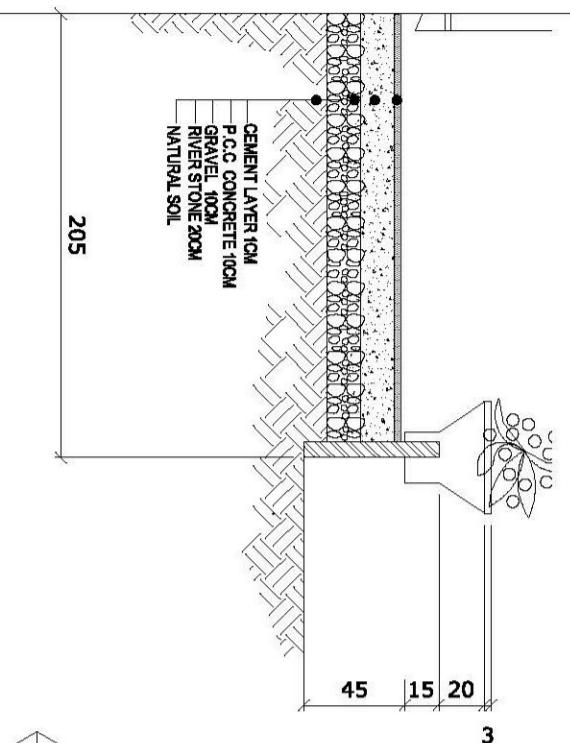
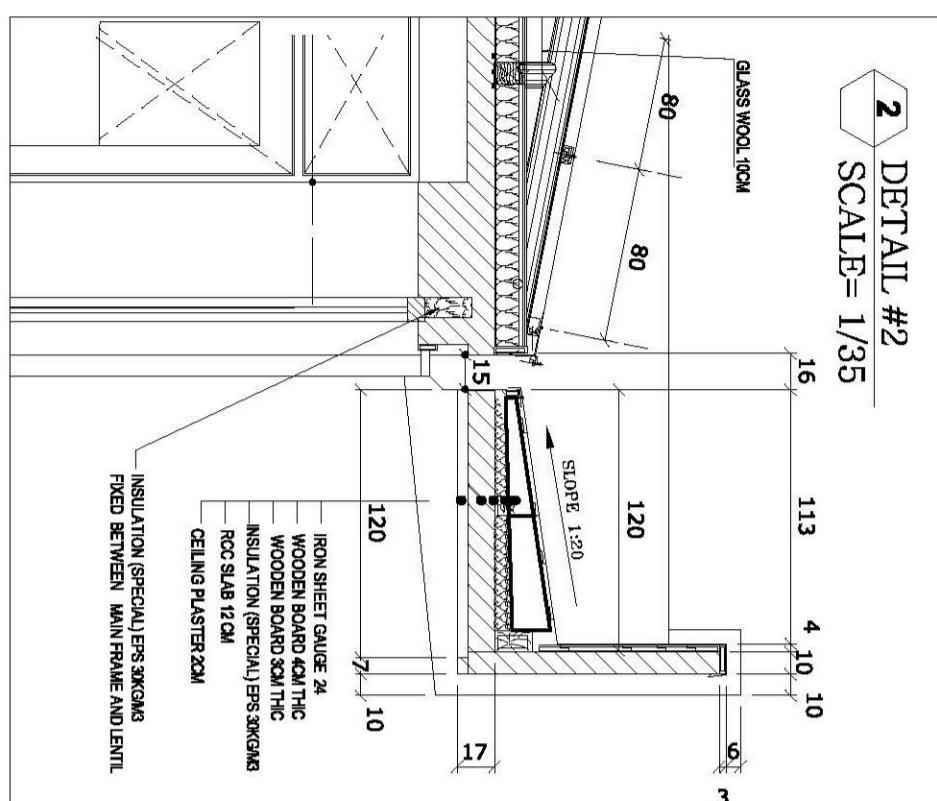
70 - Elevation

71 - Elevation



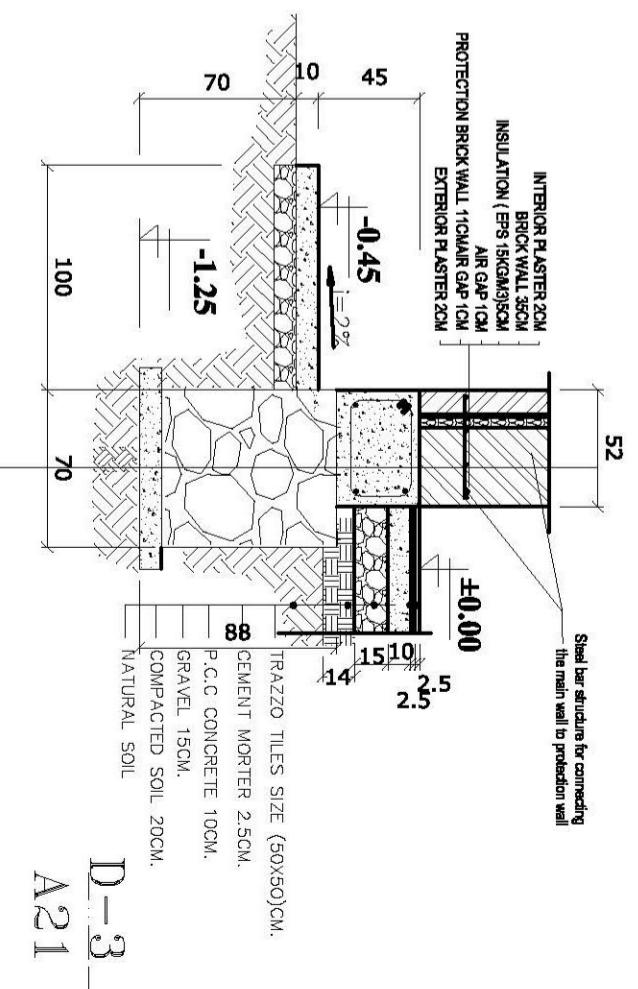
CHC.AR-008

FILE	COMPREHENSIVE HEALTH CLINIC (CHC)		ARCHITECT	CLIENT	RECIPIENT
CODE	No.	REVISION	NAME	MR.	DATE
SCALE	1:75, 1:25		PRODUCED BY	Baqiq	May-2008
DRAWING NUMBER	CHC.AR-008		DESIGNED BY	K.M.Saleem	May-2008
PROJECT NUMBER			CHECKED BY	Egab Khan	May-2008
			APPROVED	KAMIL - AFGHANISTAN GROUP	
				MARSHALI, AFGHANISTAN	

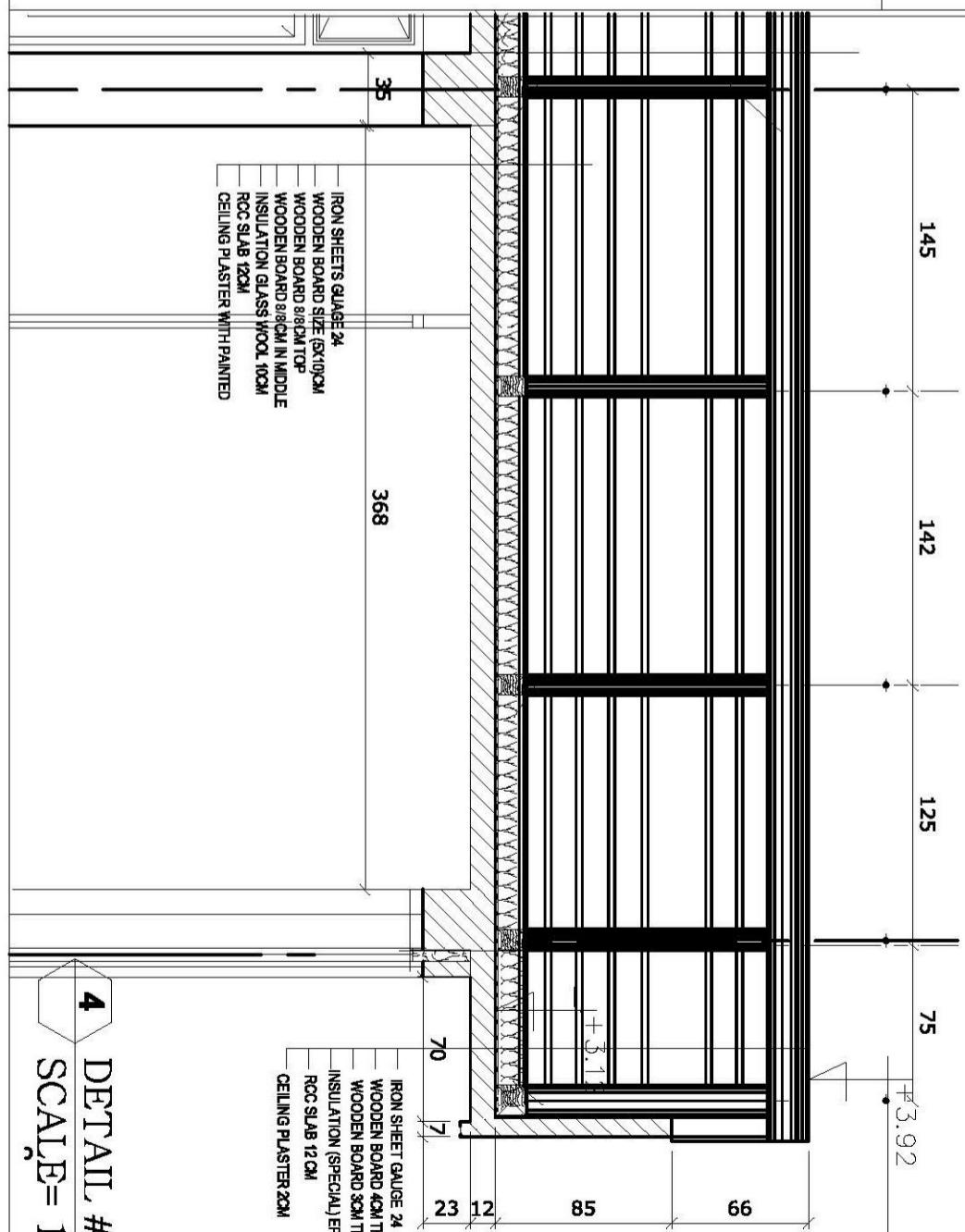


1 DETAIL #1
SCALE= 1/20

145 142 125 75 ±3.92



D-3
A21



4 DETAIL # 4
SCALE= 1/40

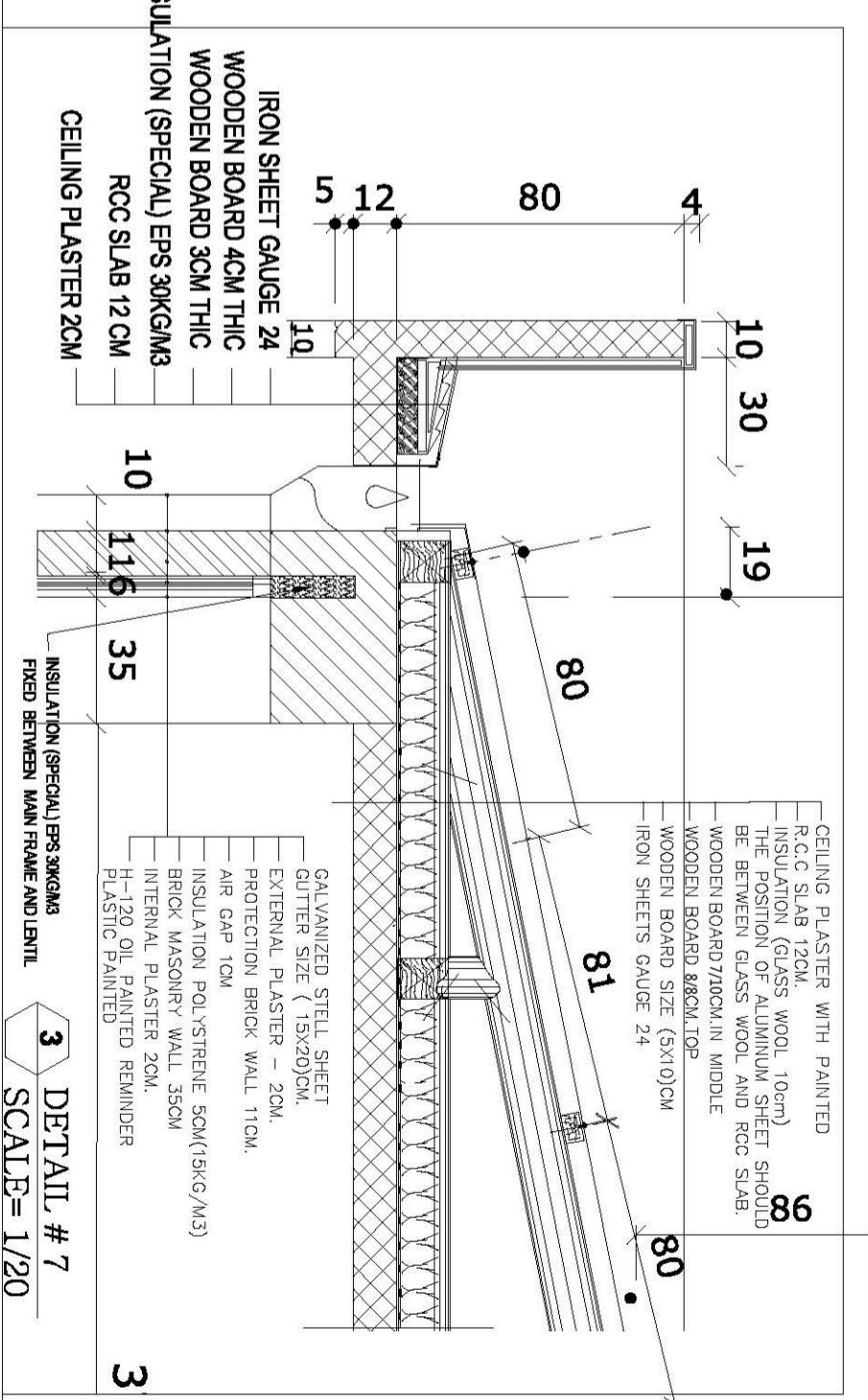
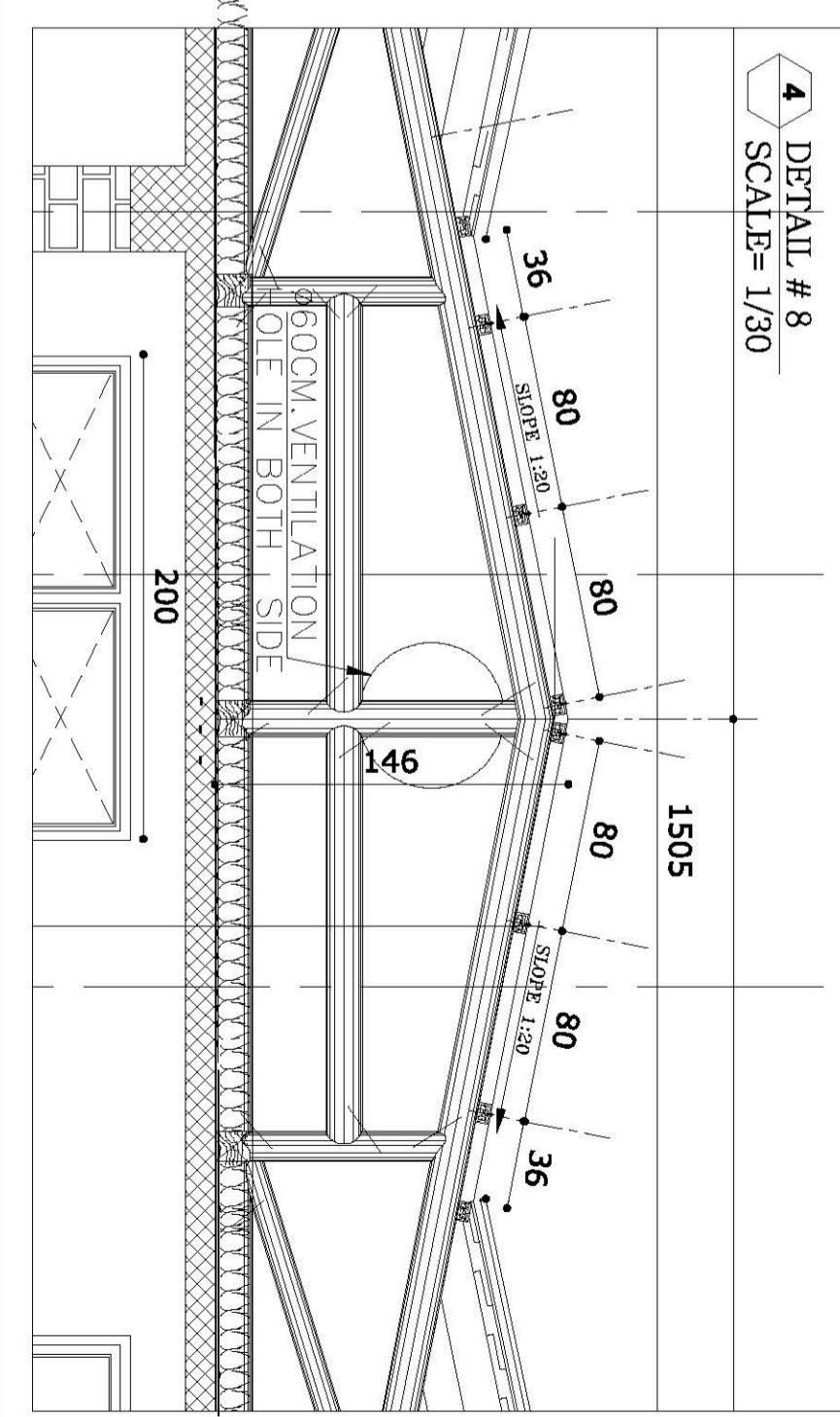
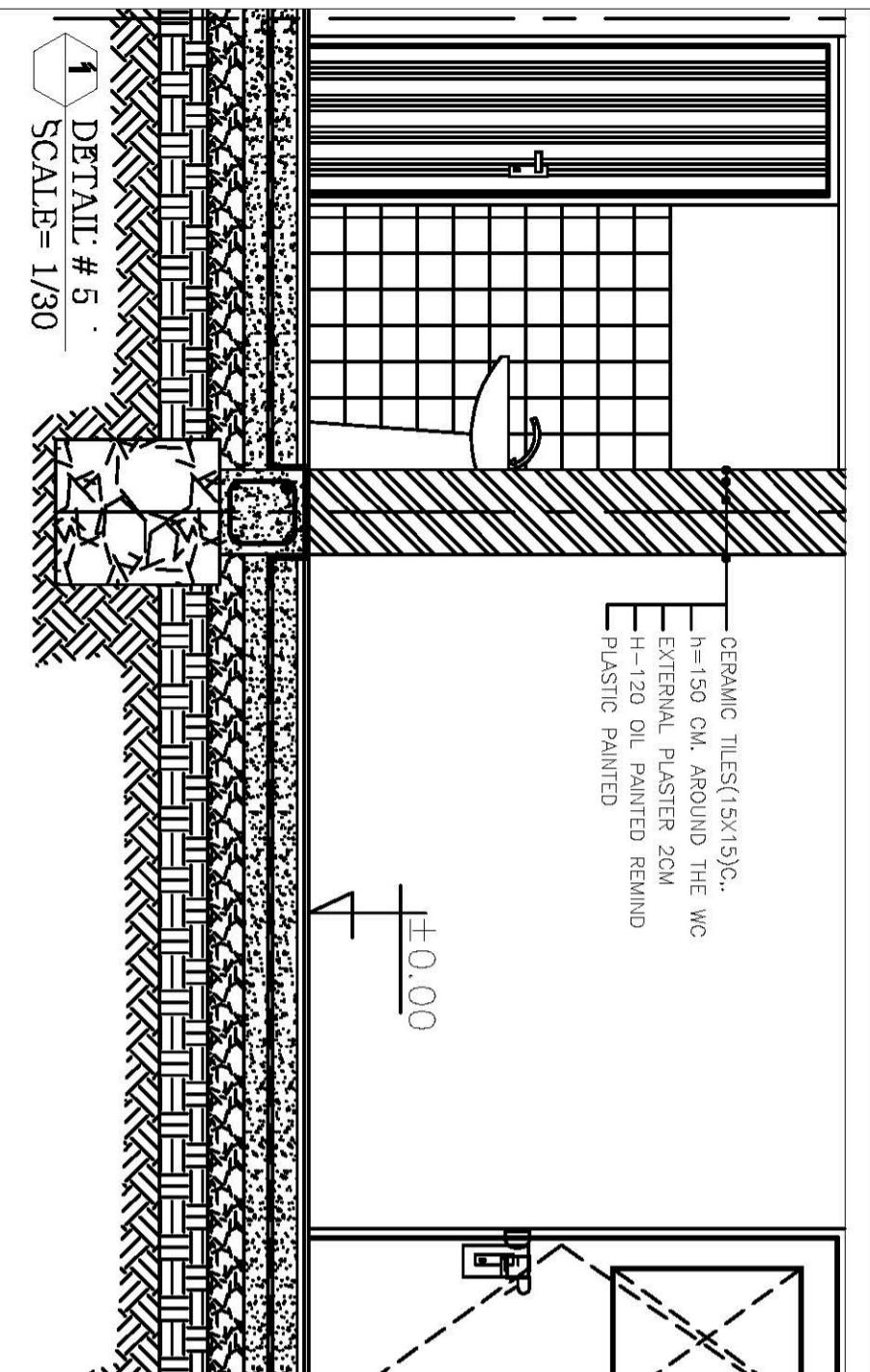
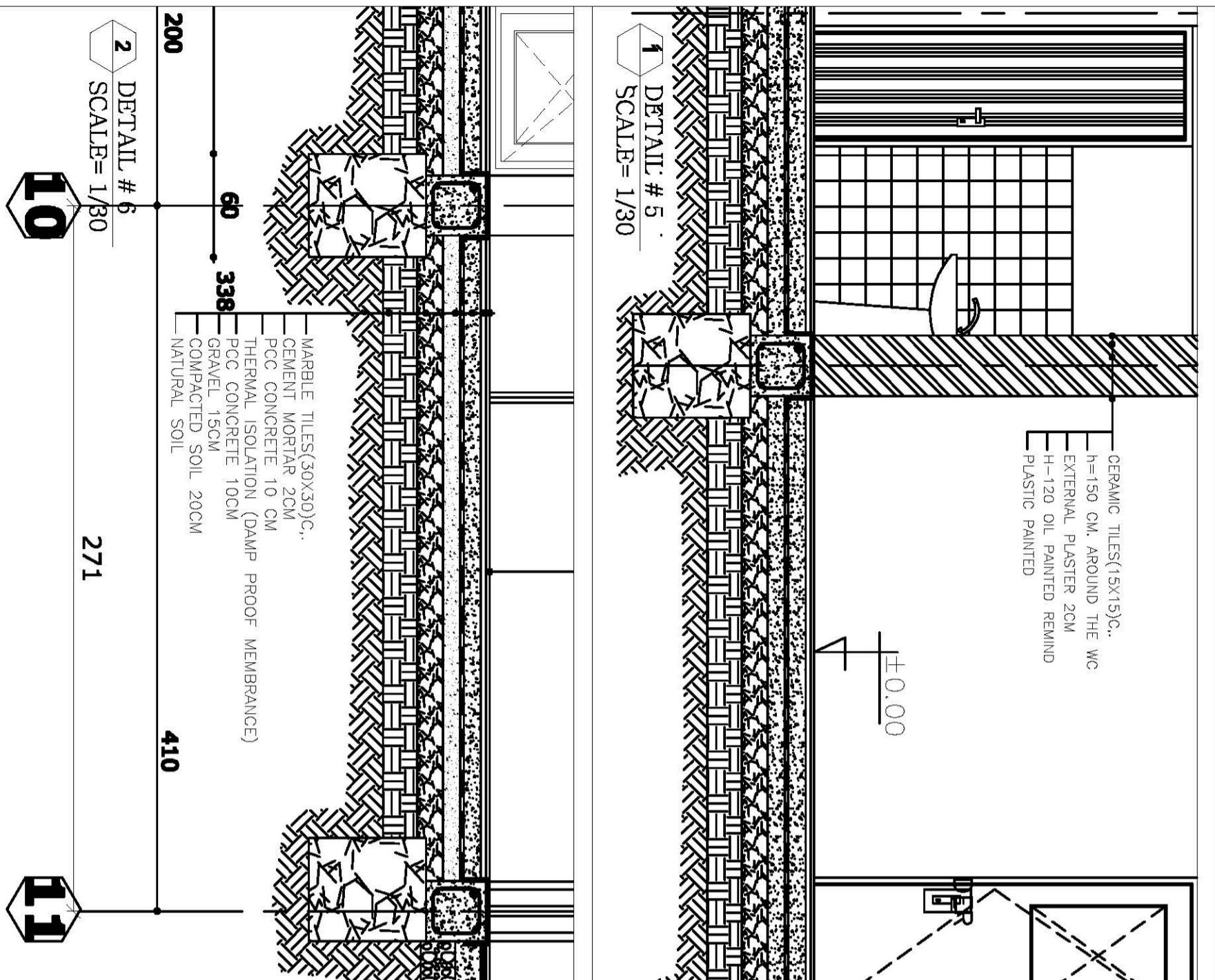
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SCALE	1:20 1:30	1:40	Produced By	BaCEAG	Architect/Engineer	May-2006			
DRAWING NUMBER	CHC.A.D-001		DESIGNED BY	Ak.M.Saber	COMPREHENSIVE HEALTH				
PROJECT NUMBER			CHECKED BY	Eng.A.Karim	CONSULTATIVE				
			APPROVALS		ENGINEERING & ARCHITECTURAL				
					KABUL - AFGHANISTAN				
					GR GROUP				
					CLIENT				
					MINISTRY OF PUBLIC				
					HEALTH				
					AFGHANISTAN				
					RECIPIENT				

No. 1
Mobile: 0799 335 886, 0799 304 478



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CAD FILE	COMPREHENSIVE HEALTH CLINIC
SCALE	1:20
DRAWING NUMBER	CHC.A.D-002
PROJECT NUMBER	

DETAILS

2 DETAIL # 6
SCALE = 1/30

271

10

2 DETAIL # 6
SCALE = 1/30

410

2 DETAIL # 6
SCALE = 1/30

271

10

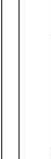
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					BACEAG			
					CONSULTATIVE			
					ENGINEERING			
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					GROUP			

KABUL - AFGHANISTAN

GATE NO: 13366 , 0799 304 476



ARCHITECT/ENGINEER



CLIENT

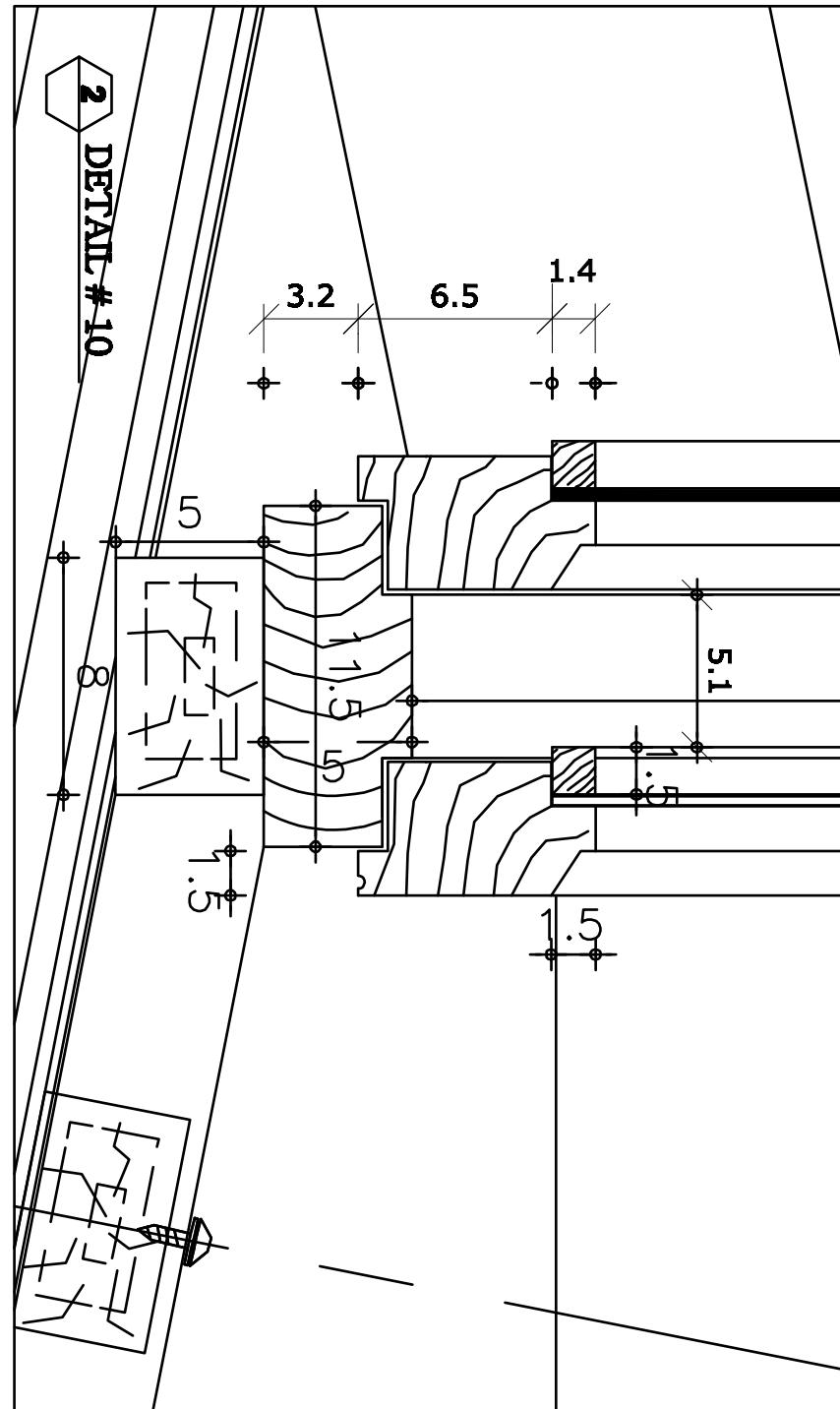
MINISTRY OF PUBLIC
HEALTH

RECIPIENT

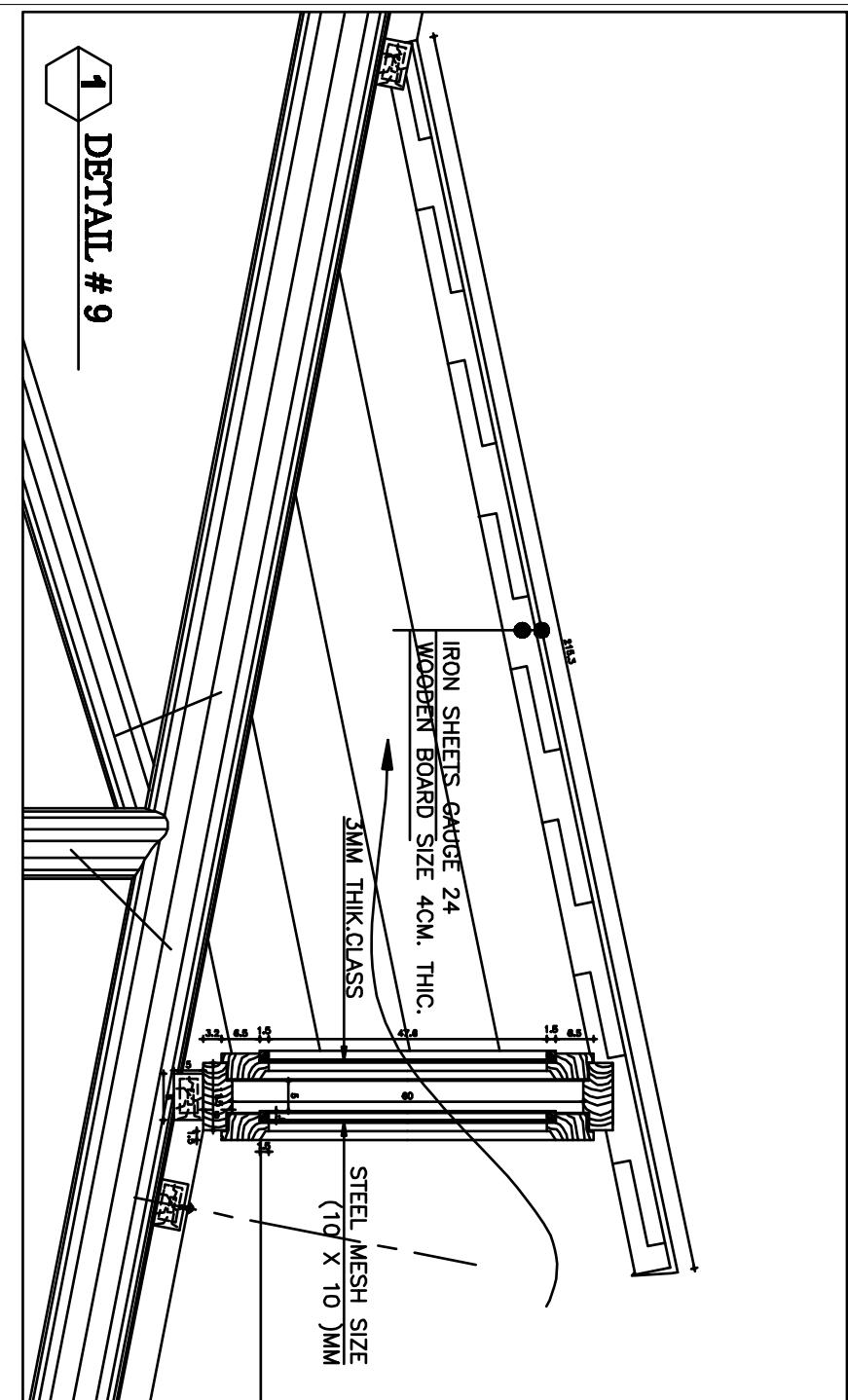
AFGHANISTAN

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SCALE		NO.	REVISION	NAME / INITL.	DATE	INITL. SIG. DATE
DRAWING NUMBER	CHC.A.D-003			Produced By Bacceag	May-2008	
PROJECT NUMBER		DESIGNED BY	Ak.M.Saber	Checked By Eng.A.Karim		

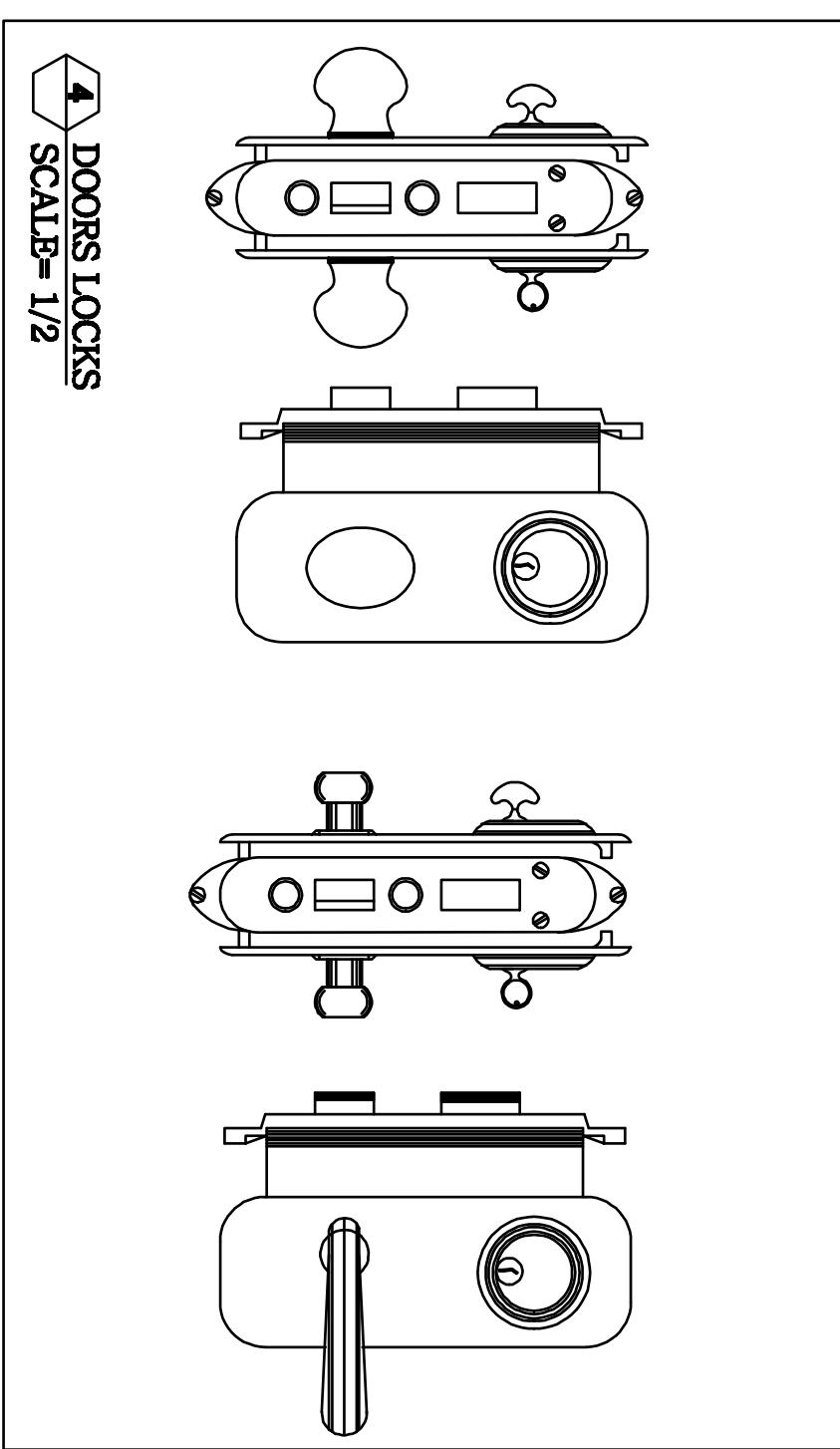
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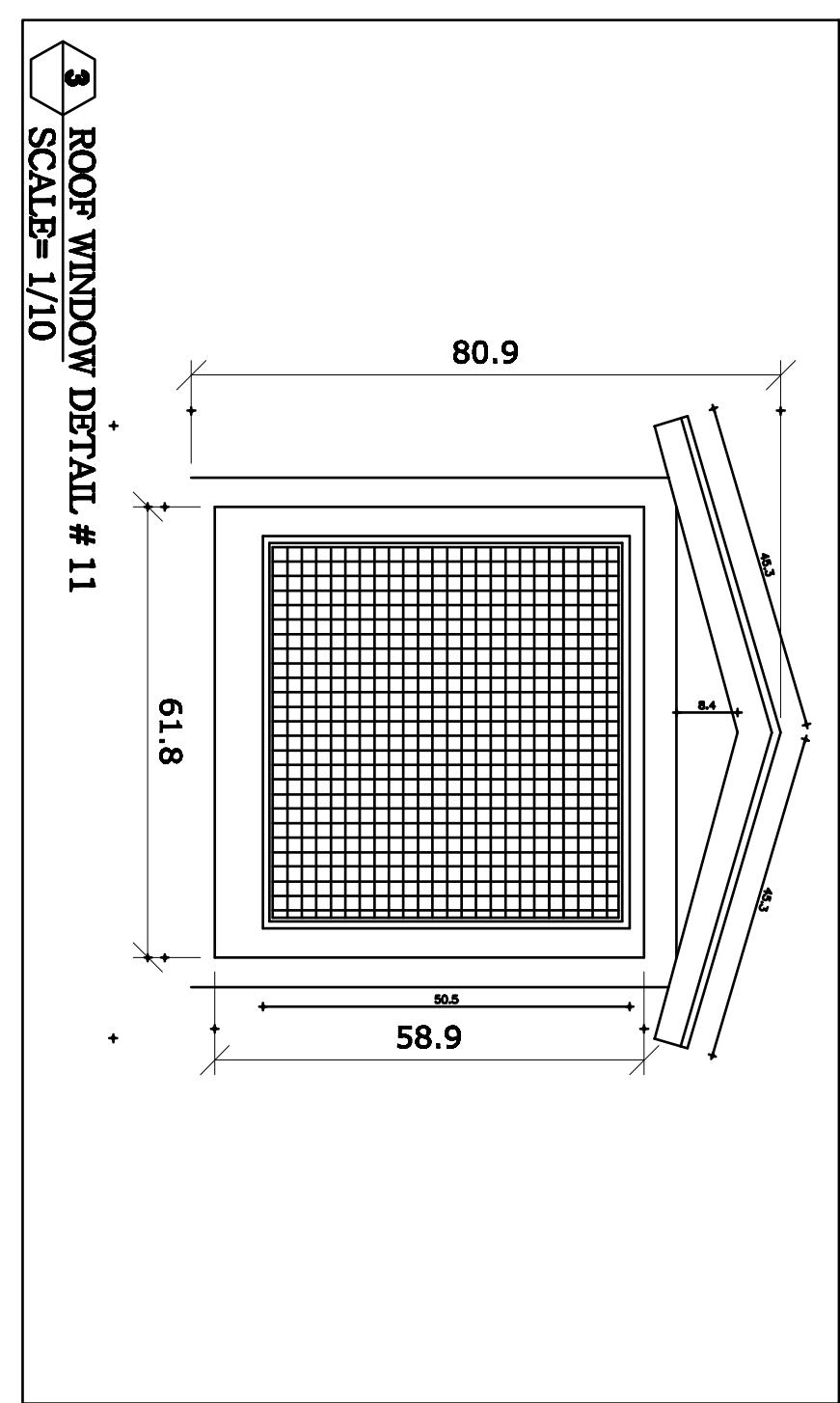
2 DETAIL #10



1 DETAIL #9



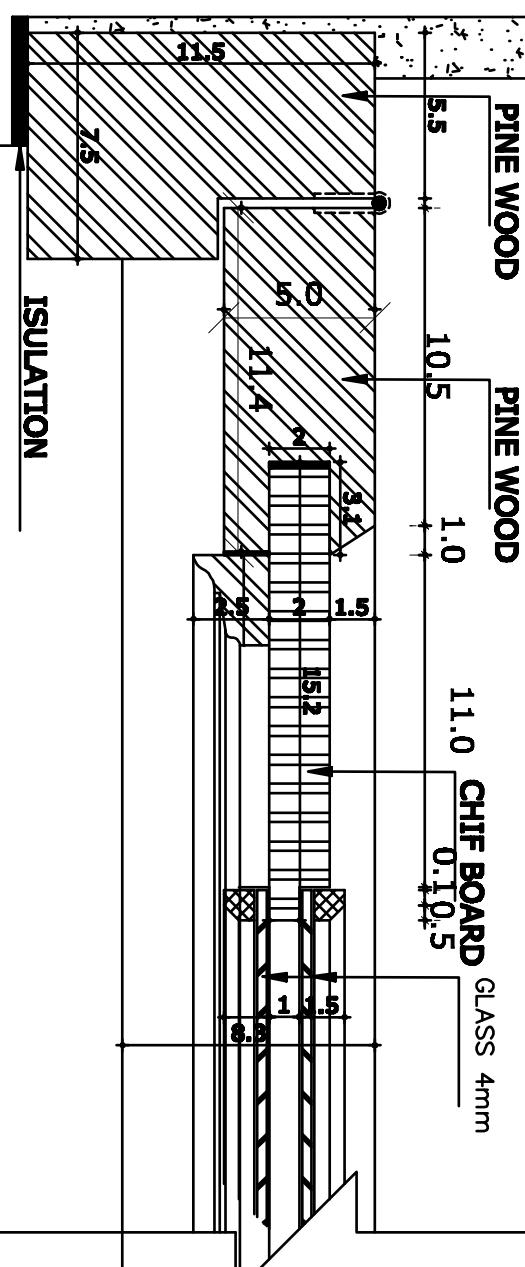
**4 DOORS LOCKS
SCALE= 1/2**



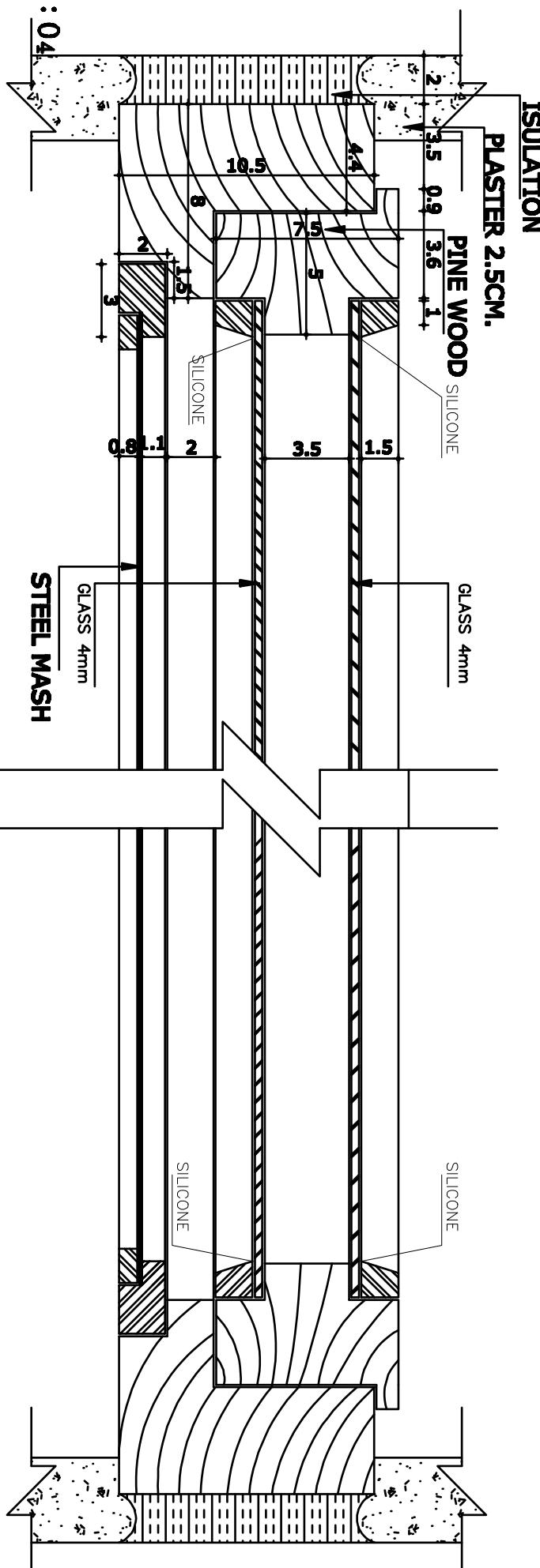
**3 ROOF WINDOW DETAIL # 11
SCALE= 1/10**

ARCHITECT/ENGINEER BaCEAG CONSULTATIVE ENGINEERING & ARCHITECTURAL GROUP	CLIENT MINISTRY OF PUBLIC HEALTH	RECIPIENT
 Email: bacceag@yahoo.com Mobile: 0799 335 666, 0799 304 478	AFGHANISTAN	

PLASTER 2.5CM.



1 SECTION - 01 : 01



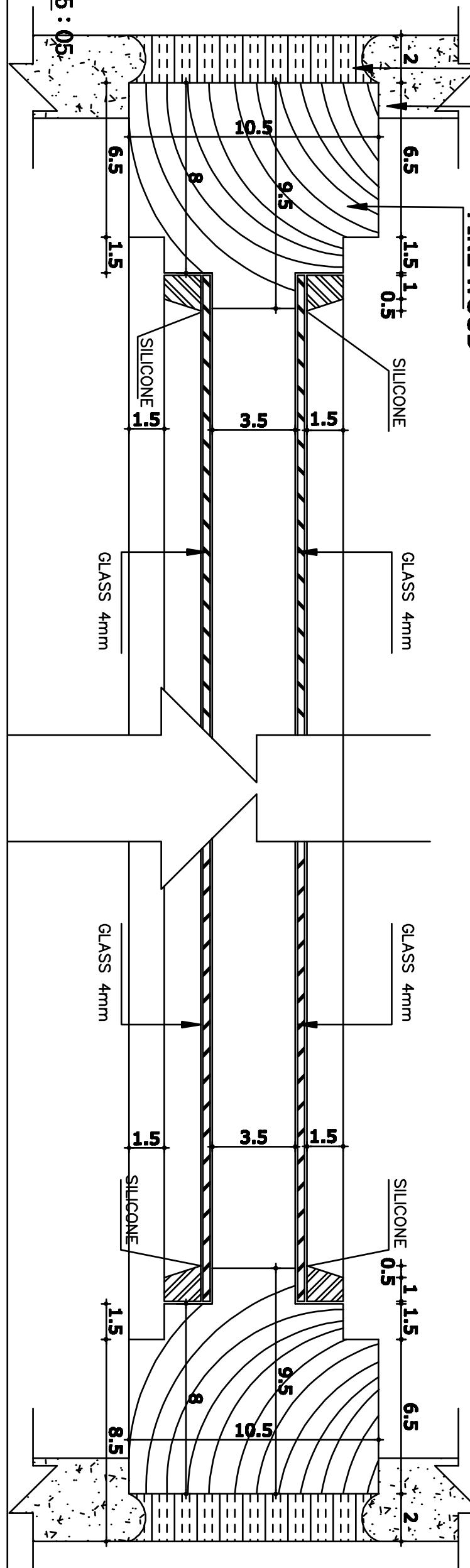
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SCALE	1:25			Produced By	BaCEAG	May-2008
DRAWING NUMBER	CHC.A.DD-004			Designed By	Ar.M.Saber	
PROJECT NUMBER				Checked By	Eng.A.Karim	

DETAILS

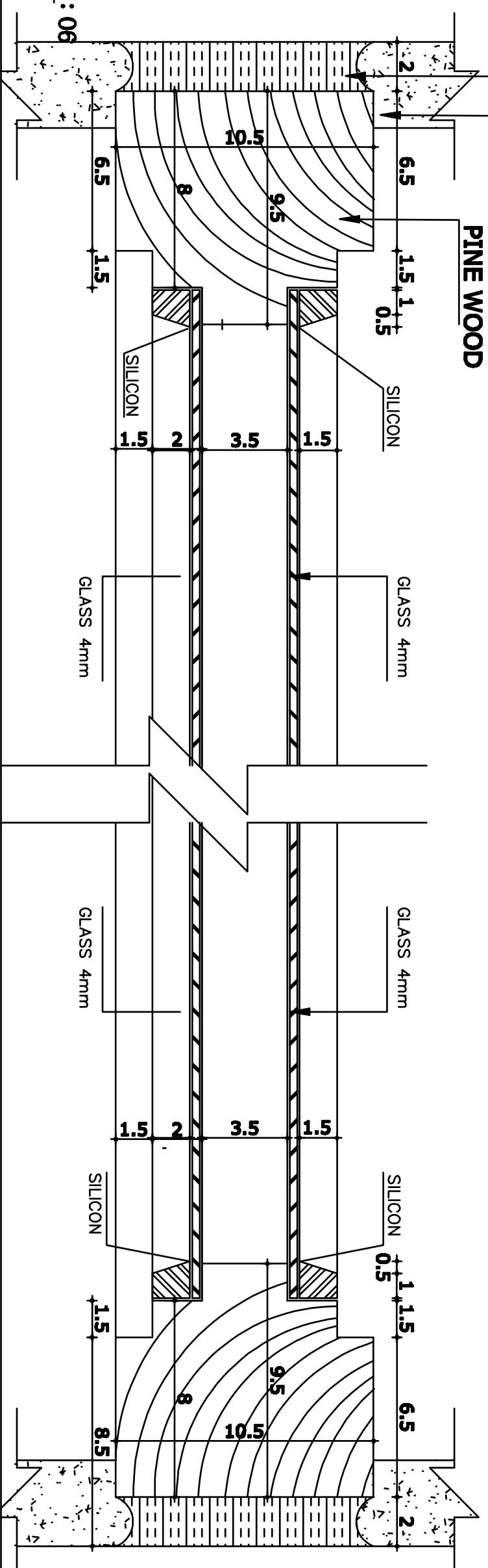
KABUL - AFGHANISTAN	ARCHITECT/ENGINEER BaCEAG CONSULTATIVE ENGINEERING & ARCHITECTURAL GROUP	CLIENT MINISTRY OF PUBLIC HEALTH AFGHANISTAN	RECIPIENT
	Engineering Consulting & Technical Services www.baceag.com Email: baceag@yahoo.com Mobile: 0799 335 666, 0799 394 478		

**ISULATION
PLASTER 2.5CM.
PINE WOOD**



1 SECTION - 05 : 05

**ISULATION
PLASTER 2.5CM.
PINE WOOD**



2 SECTION - 06 : 06

CAD FILE	COMPREHENSIVE HEALTH CLINIC (CHC)				REVISIONS	INITL.	SIG.	DATE
SCALE	1:25	NO.	REVISION	NAME	INITL.	DATE	PRODUCED BY	INITL.
DRAWING NUMBER	CHC.A.D-005						BaCEAG	May-2008
PROJECT NUMBER							DESIGNED BY	Ak.M.Saber
							CHECKED BY	Eng.A.Karim
							APPROVALS	

DETAILS

KABUL - AFGHANISTAN

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GROUP

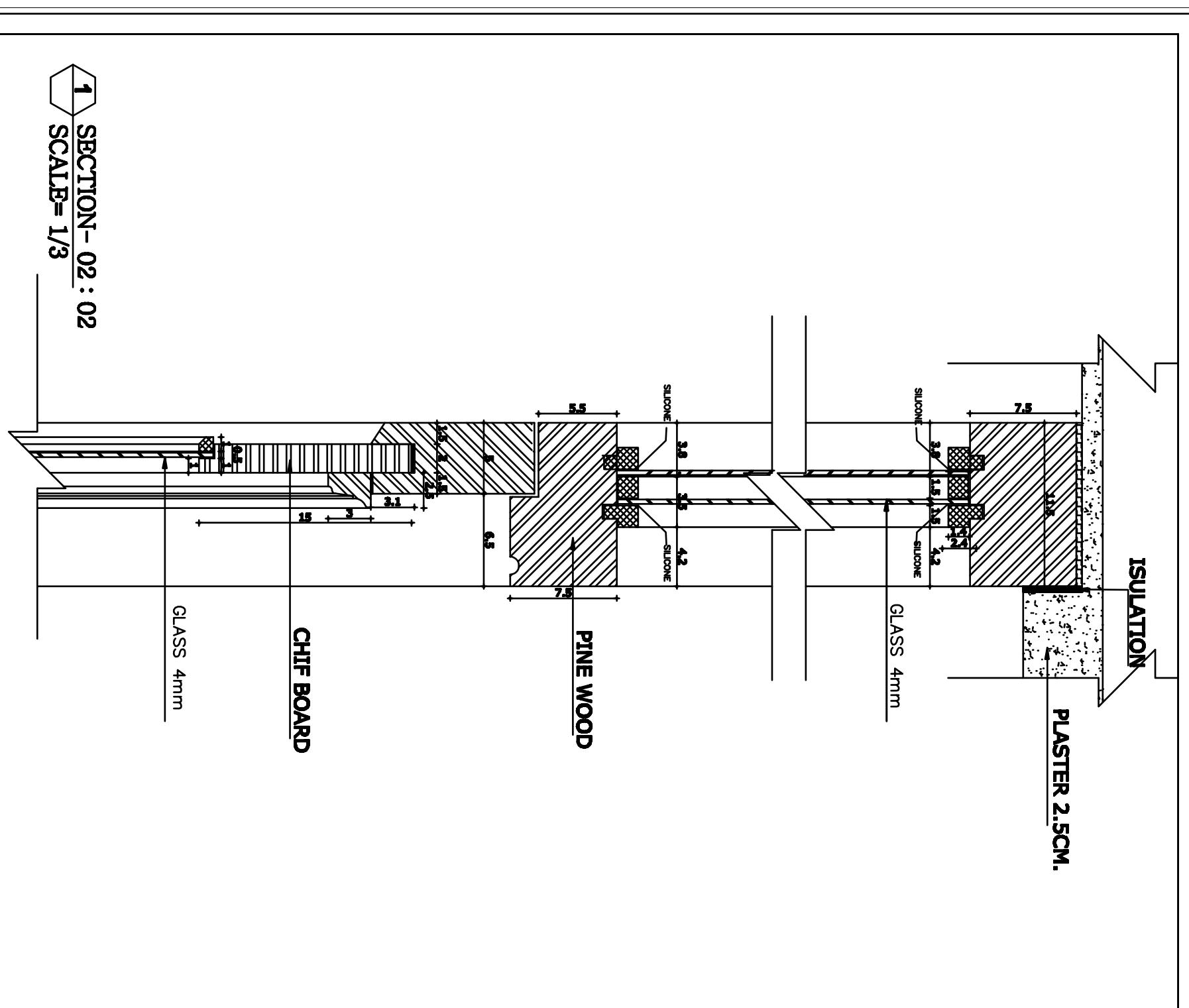


MINISTRY OF PUBLIC
HEALTH

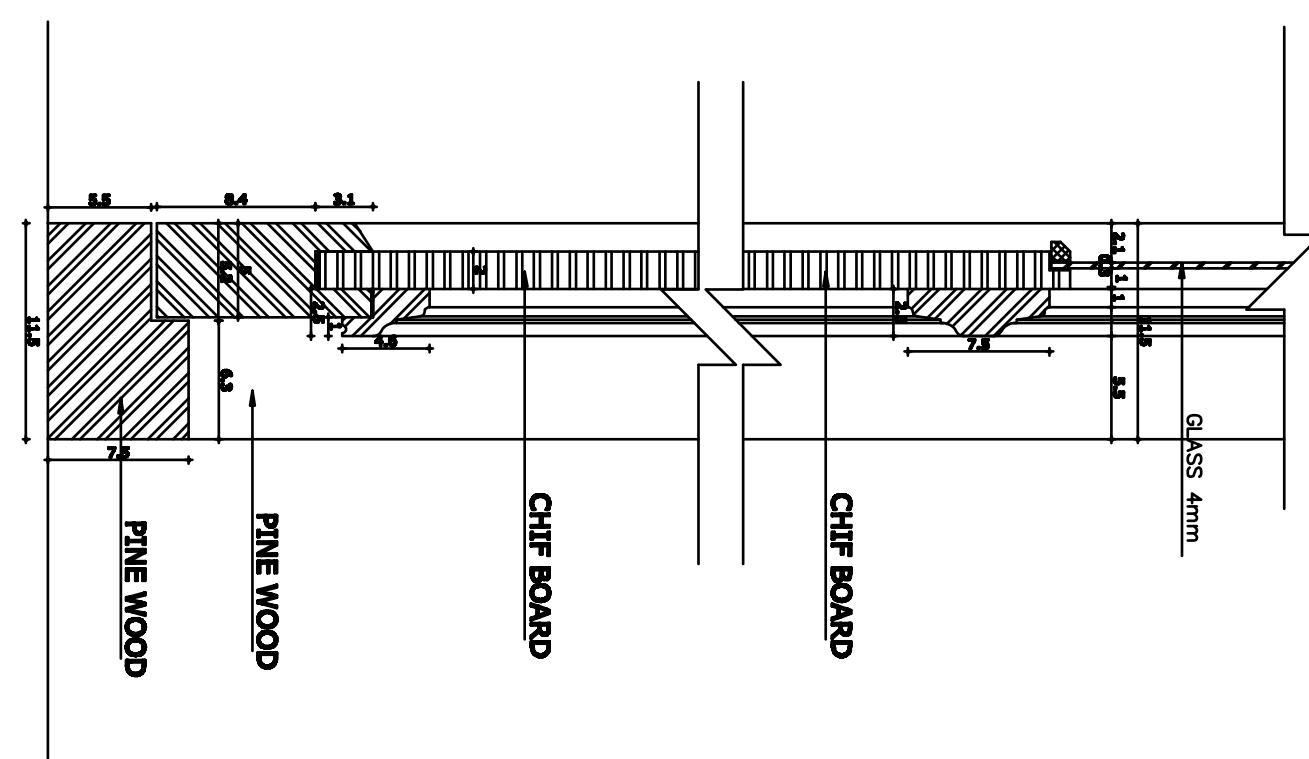
AFGHANISTAN

CAD FILE SCALE	1:30	COMPREHENSIVE HEALTH CLINIC (CHC)	
DRAWING NUMBER	CHC.A.D-006		
PROJECT NUMBER		DETAILS	

1 SECTION- 02 : 02
SCALE= 1/3



2 SECTION - 03 : 03
SCALE= 1/3



NO.	REVISION	NAME	INITL.	SIG.	DATE
			BcEAG		May-2008
			DESIGNED BY	Ak.M.Saber	
			CHECKED BY	Eng.A.Karim	
			APPROVALS		

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CONSULTATIVE
ENGINEERING
& ARCHITECTURAL
GROUP

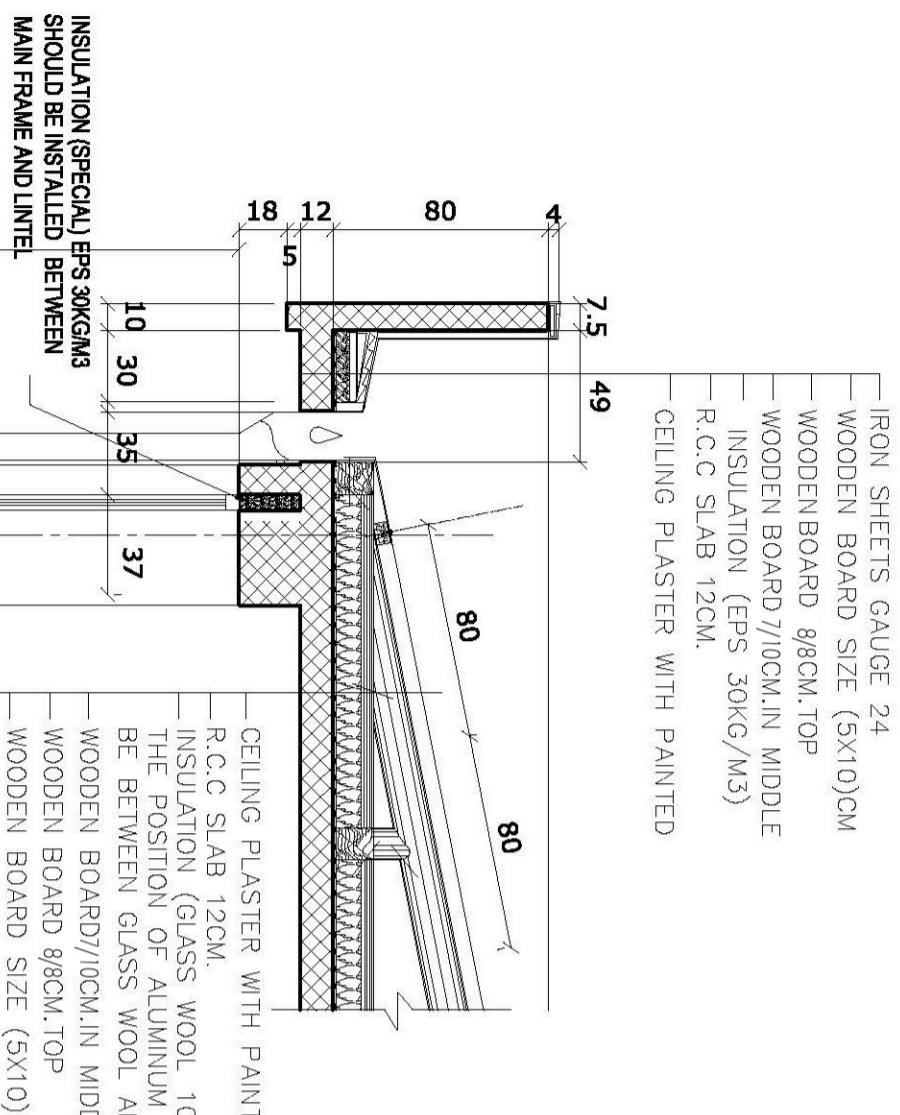
KABUL - AFGHANISTAN

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HEALTH

RECIPIENT
AFGHANISTAN

Logo: BaCEAG Consulting Engineering & Architectural Group

Email: bceag@yahoo.com
Mobile: 0799 335 666, 0799 304 478



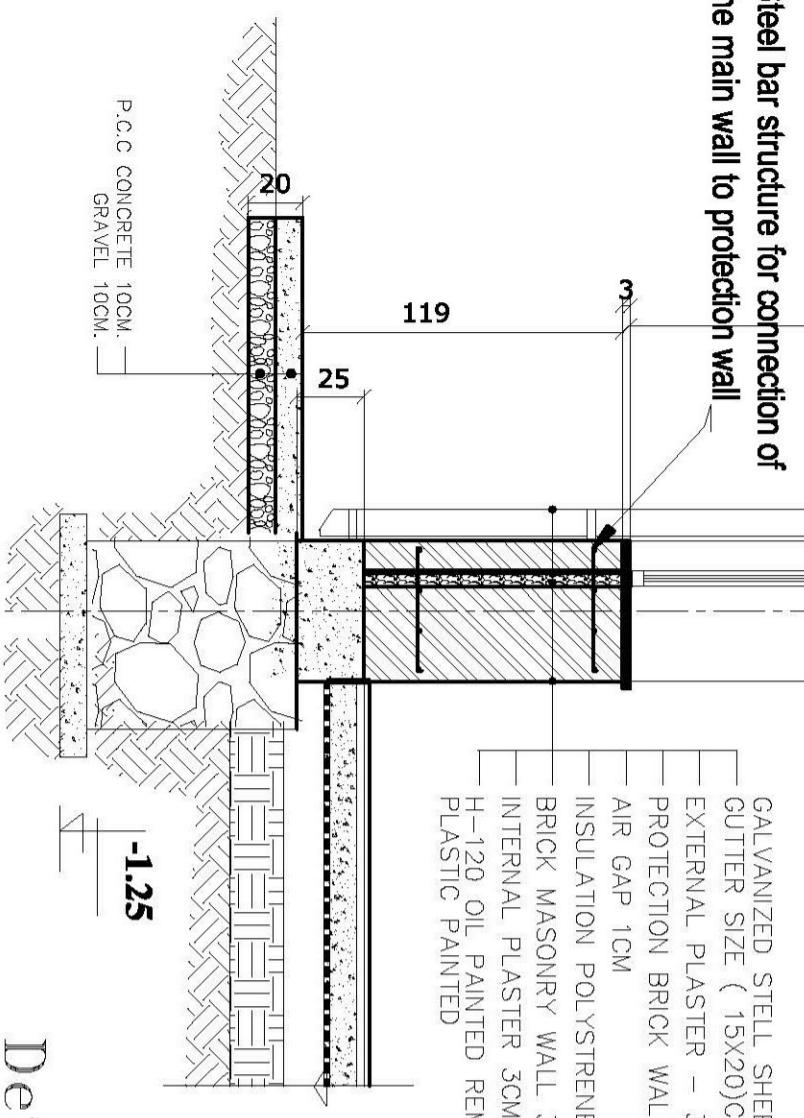
INSULATION (SPECIAL) EPS 30KG/M³
**SHOULD BE INSTALLED BETWEEN
 MAIN FRAME AND LINTEL**

CEILING PLASTER WITH PAINTED
 R.C.C. SLAB 12CM.
 INSULATION (EPS 30KG/M³)
 WOODEN BOARD 7/10CM. IN MIDDLE
 WOODEN BOARD 8/8 CM. TOP
 IRON SHEETS GAUGE 24

100 102 115 35 10 15 18 12 5 80 68 164

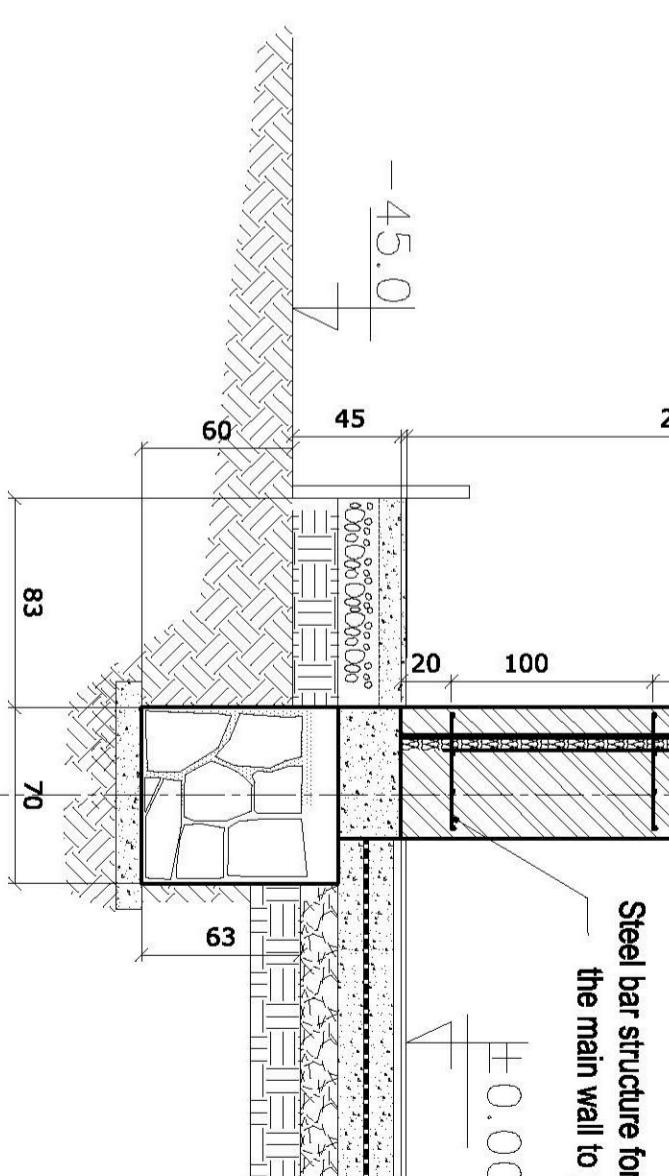
+3.12

CEILING PLASTER WITH PAINTED
 R.C.C. SLAB 12CM.
 INSULATION (GLASS WOOL 10CM)
 THE POSITION OF ALUMINUM SHEET SHOULD
 BE BETWEEN GLASS WOOL AND RCC SLAB.
 WOODEN BOARD 8/8CM. IN MIDDLE
 WOODEN BOARD 7/10CM. TOP
 WOODEN BOARD SIZE (5X10)CM
 IRON SHEETS GAUGE 24

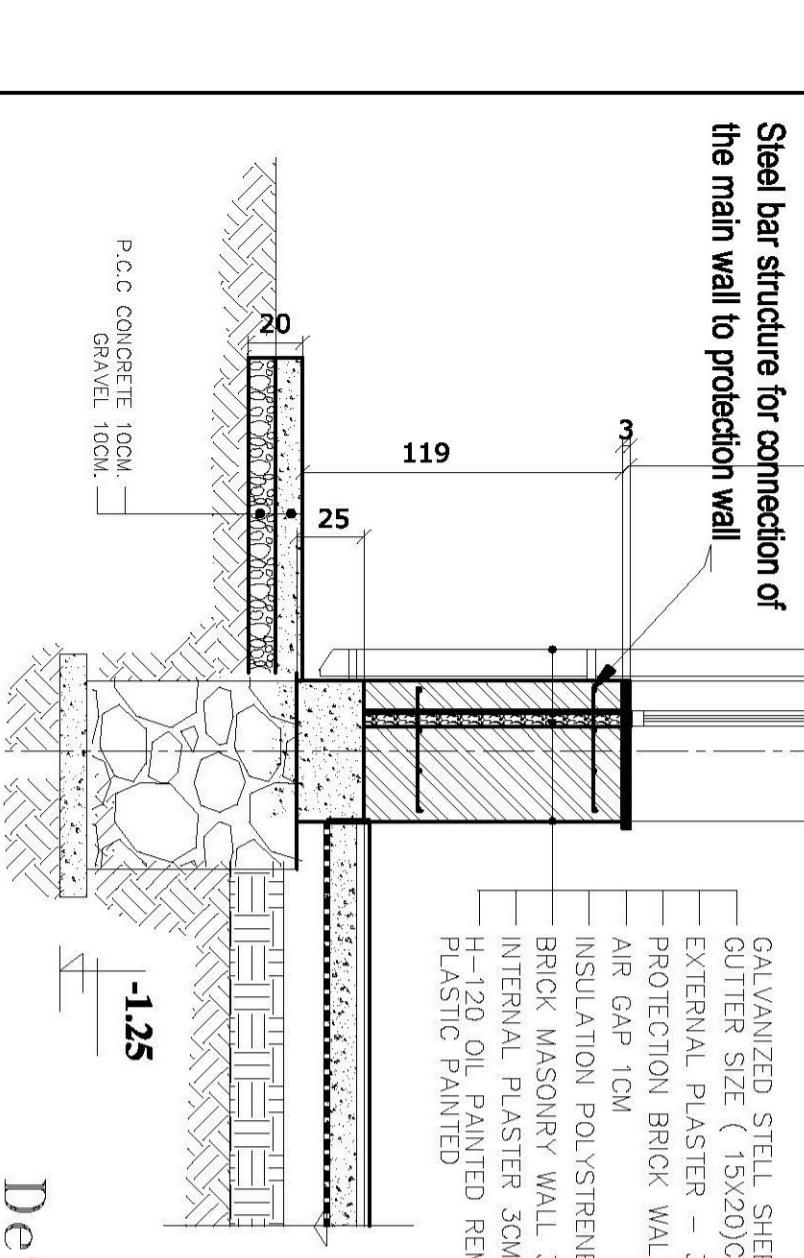


Steel bar structure for connection of the main wall to protection wall

GALVANIZED STEEL SHEET
GUTTER SIZE (15X20)CM.
INTERNAL PLASTER 3CM

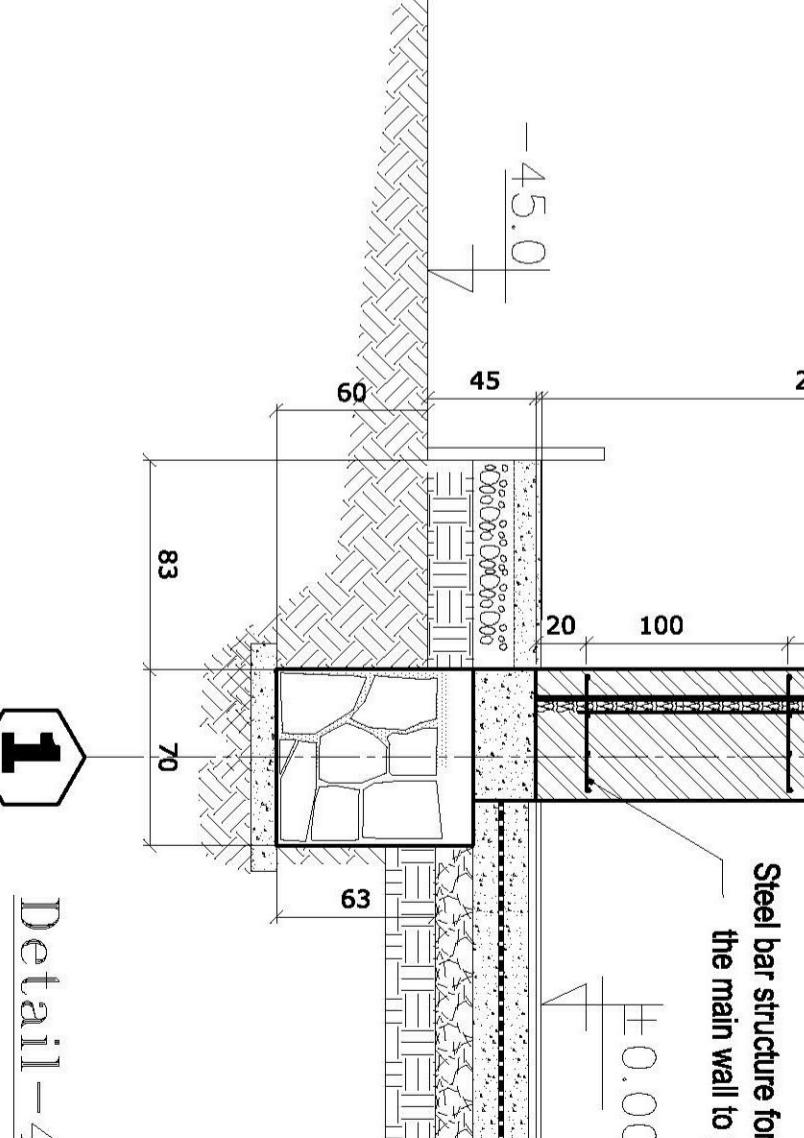


Steel bar structure for connection of the main wall to protection wall



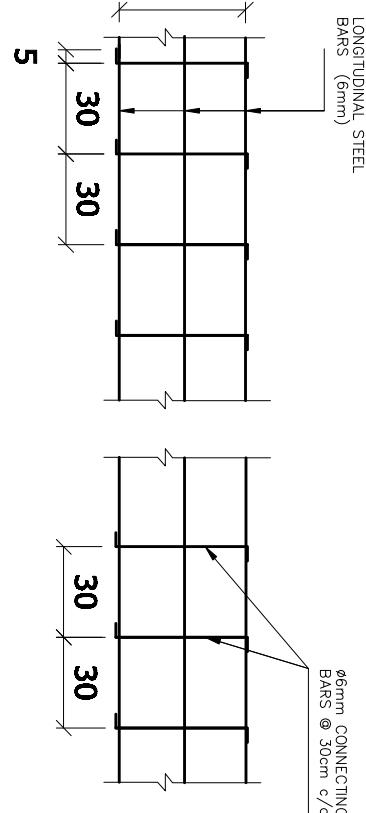
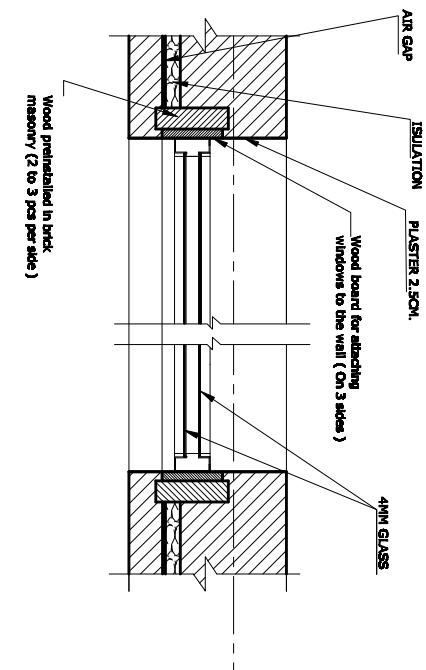
Steel bar structure for connection of the main wall to protection wall

GALVANIZED STEEL SHEET
GUTTER SIZE (15X20)CM.
INTERNAL PLASTER 3CM

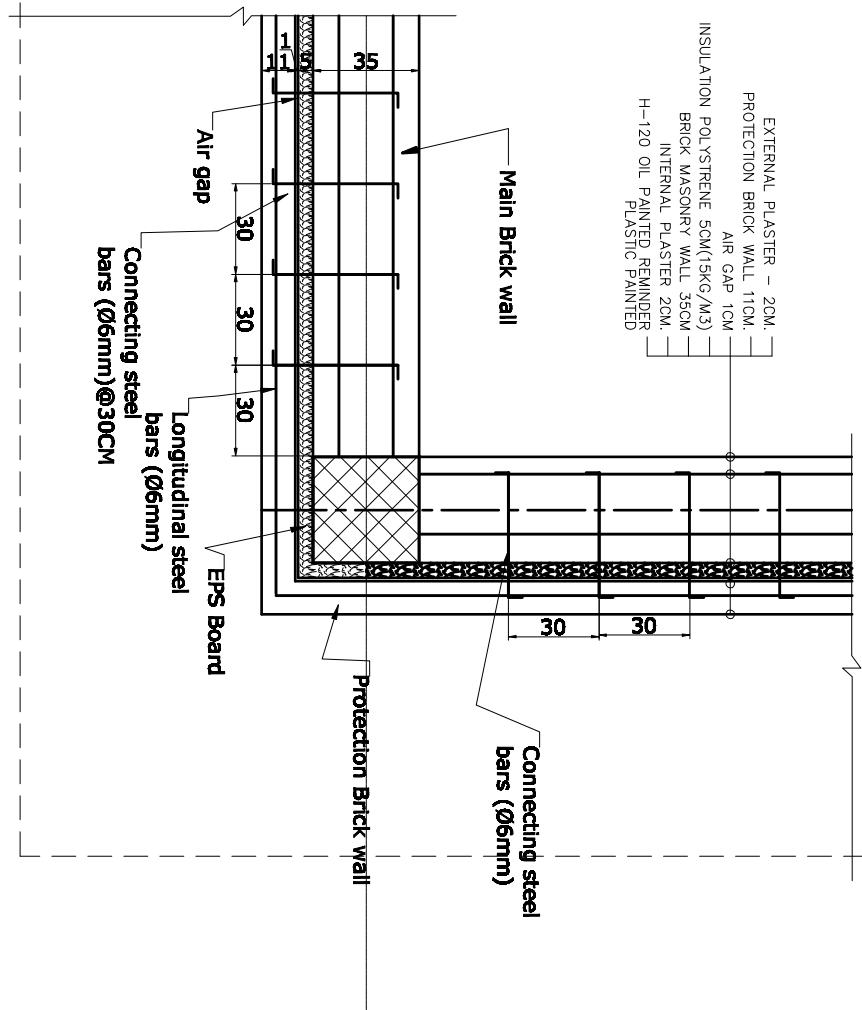


Steel bar structure for connection of the main wall to protection wall

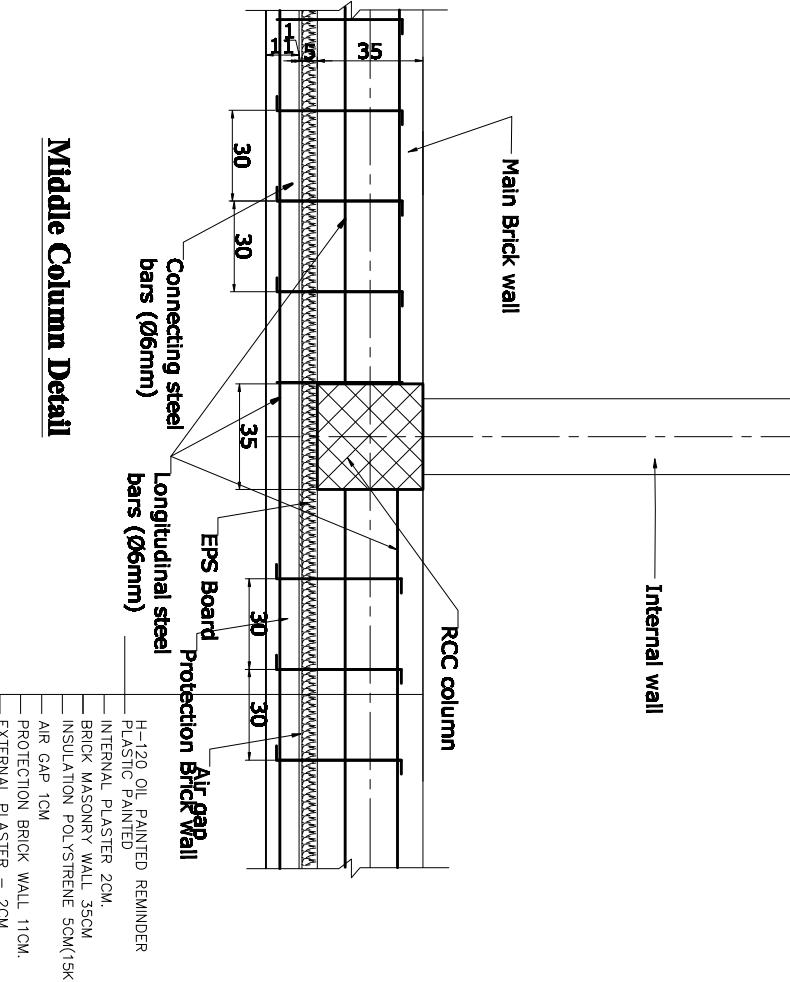
Windows Installation Details



Connection Steel Bars Structure Detail



Corner Column Detail



Middle Column Detail

H-120 OIL PAINTED REMINDER
INTERNAL PLASTER 2CM.
BRICK MASONRY WALL 35CM
INSULATION POLYSTYRENE 5CM(15KG /M3)
AIR GAP 1CM
PROTECTION BRICK WALL 11CM.
EXTERNAL PLASTER – 2CM.

CAD FILE	COMPREHENSIVE HEALTH CLINIC (CHC)					REVISION	REVISIONS	INITL.	SIG.	DATE
SCALE	1:25							May-2006		
DRAWING NUMBER	CHC.A.D-003					DESIGNED BY	A.M.Saber			
PROJECT NUMBER						CHECKED BY	Eng.A.Karim			
						APPROVALS				
						KABUL - AFGHANISTAN				
						BaCEAG CONSULTATIVE ENGINEERING & ARCHITECTURAL GROUP	ARCHITECT/ENGINEER			
						Ministry of Public Health	MINISTRY OF PUBLIC HEALTH			
						AFGHANISTAN	CLIENT			RECIPIENT
						Mobile: 0093 91 202 24 470				

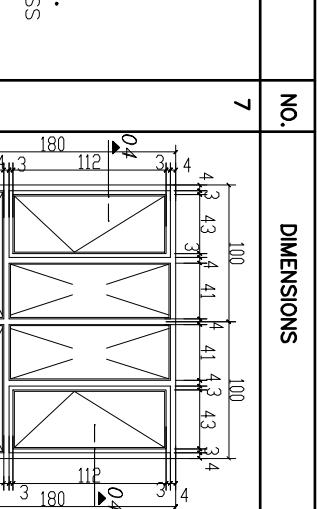
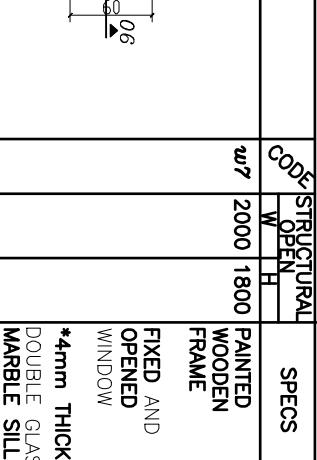
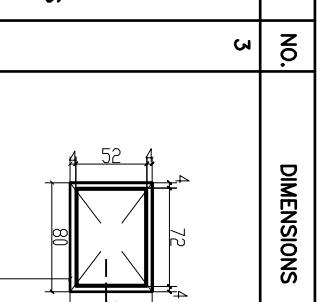
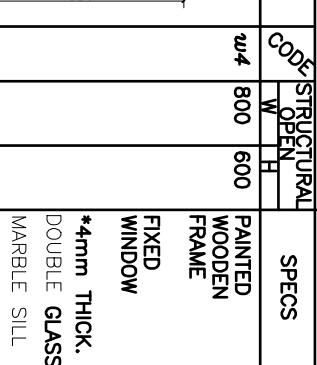
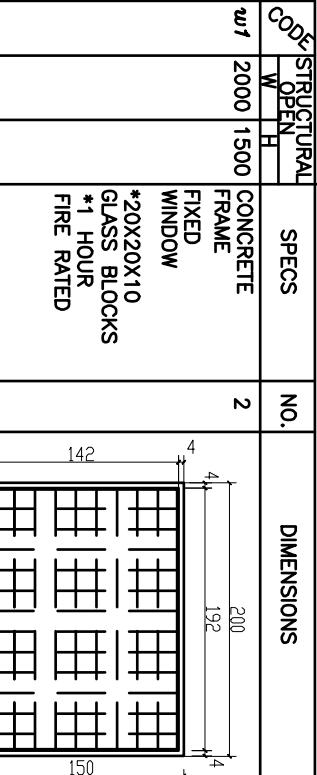
NOTE:
 1- ALL DIMENSIONS ARE IN CM.
 2- ALL DIMENSIONS ARE FROM THE FINISHED FLOOR.
 3- ALL MEASUREMENTS ARE FOR THE STRUCTURAL OPENING.
 4- ALL DOORS & WINDOWS ARE DOUBLE GLAZED.
 5- ALL INTRANCE DOORS ARE DOUBLE GLASS 5MM

COD	STRUCTURAL OPEN	SPECS	NO.	DIMENSIONS	COD	STRUCTURAL OPEN	SPECS	NO.	DIMENSIONS	COD	STRUCTURAL OPEN	SPECS	NO.	DIMENSIONS
W	H			W	W	H			W	W	H			W
D1	2000	2770	3	PARTITION	D4	1000	2770	2	PARTITION	D7	900	2770	14	PARTITION
WOODEN DOOR PAINTED WOODEN FRAME	WOODEN DOOR PAINTED WOODEN FRAME	HINGED WOODEN DOOR 60 X 112 CM. GLASS FIXED PANEL INSIDE *5mm THICK.	WOODEN DOOR HINGED WOODEN DOOR *5mm THICK. DOUBLE GLASS LIGHTING PANEL	WOODEN DOOR HINGED WOODEN DOOR *5mm THICK. DOUBLE GLASS LIGHTING PANEL	WOODEN DOOR HINGED WOODEN DOOR *5mm THICK. DOUBLE GLASS LIGHTING PANEL	WOODEN DOOR HINGED WOODEN DOOR *5mm THICK. DOUBLE GLASS LIGHTING PANEL	WOODEN DOOR HINGED WOODEN DOOR *5mm THICK. DOUBLE GLASS LIGHTING PANEL	WOODEN DOOR HINGED WOODEN DOOR *5mm THICK. DOUBLE GLASS LIGHTING PANEL	WOODEN DOOR HINGED WOODEN DOOR *5mm THICK. DOUBLE GLASS LIGHTING PANEL	WOODEN DOOR HINGED WOODEN DOOR *5mm THICK. DOUBLE GLASS LIGHTING PANEL	WOODEN DOOR HINGED WOODEN DOOR *5mm THICK. DOUBLE GLASS LIGHTING PANEL	WOODEN DOOR HINGED WOODEN DOOR *5mm THICK. DOUBLE GLASS LIGHTING PANEL	WOODEN DOOR HINGED WOODEN DOOR *5mm THICK. DOUBLE GLASS LIGHTING PANEL	
D2	1200	2770	2	SINGLE HINGED WOODEN DOOR	D5	750	2770	1	SINGLE HINGED STEEL DOOR	D8	1000	2770	1	SINGLE HINGED WOODEN FRAME
WOODEN FRAME *85X42 CM. GLASS FIXED AND INDOORS METAL HANDLE METAL LUCK *5mm THICK. DOUBLE GLASS LIGHTING PANEL	WOODEN FRAME *60X100 CM. GLASS FIXED AND INDOORS METAL HANDLE METAL LUCK *20X270 CM. GLASS FIXED PANEL	STEEL FARM IRON SHEETS * 47X65 CM. GLASS FIXED PANEL METAL HANDLE METAL LUCK	WOODEN FRAME *90X45 CM. GLASS FIXED 2-PANEL *5mm THICK. DOUBLE GLASS LIGHTING PANEL	STEEL FARM IRON SHEETS * 47X65 CM. GLASS FIXED PANEL METAL HANDLE METAL LUCK	WOODEN FRAME *90X45 CM. GLASS FIXED 2-PANEL *5mm THICK. DOUBLE GLASS LIGHTING PANEL	STEEL FARM IRON SHEETS * 47X65 CM. GLASS FIXED PANEL METAL HANDLE METAL LUCK	WOODEN FRAME *90X45 CM. GLASS FIXED 2-PANEL *5mm THICK. DOUBLE GLASS LIGHTING PANEL	STEEL FARM IRON SHEETS * 47X65 CM. GLASS FIXED PANEL METAL HANDLE METAL LUCK	WOODEN FRAME *90X45 CM. GLASS FIXED 2-PANEL *5mm THICK. DOUBLE GLASS LIGHTING PANEL	STEEL FARM IRON SHEETS * 47X65 CM. GLASS FIXED PANEL METAL HANDLE METAL LUCK	WOODEN FRAME *90X45 CM. GLASS FIXED 2-PANEL *5mm THICK. DOUBLE GLASS LIGHTING PANEL	STEEL FARM IRON SHEETS * 47X65 CM. GLASS FIXED PANEL METAL HANDLE METAL LUCK	WOODEN FRAME *90X45 CM. GLASS FIXED 2-PANEL *5mm THICK. DOUBLE GLASS LIGHTING PANEL	
D3	2000	2770	3	PARTITION	D6	800	2770	5	PARTITION	D9	700	220	10	PARTITION
WOODEN FRAME HINGED WOODEN DOUBLE DOOR *DOOR HOLDER * WOODEN HANDLE METAL LUCK *50 X 80CM *74 X 49CM GLASS FIXED 2-PANEL *5mm THICK. DOUBLE GLASS LIGHTING PANEL	WOODEN FRAME HINGED WOODEN DOUBLE DOOR *DOOR HOLDER * WOODEN HANDLE METAL LUCK *90X45 CM. GLASS FIXED 2-PANEL *5mm THICK. DOUBLE GLASS LIGHTING PANEL	WOODEN FRAME HINGED WOODEN DOUBLE DOOR *DOOR HOLDER * WOODEN HANDLE METAL LUCK *50 X 80CM *74 X 49CM GLASS FIXED 2-PANEL *5mm THICK. DOUBLE GLASS LIGHTING PANEL	WOODEN FRAME HINGED WOODEN DOUBLE DOOR *DOOR HOLDER * WOODEN HANDLE METAL LUCK *50 X 80CM *74 X 49CM GLASS FIXED 2-PANEL *5mm THICK. DOUBLE GLASS LIGHTING PANEL	WOODEN FRAME HINGED WOODEN DOUBLE DOOR *DOOR HOLDER * WOODEN HANDLE METAL LUCK *50 X 80CM *74 X 49CM GLASS FIXED 2-PANEL *5mm THICK. DOUBLE GLASS LIGHTING PANEL	WOODEN FRAME HINGED WOODEN DOUBLE DOOR *DOOR HOLDER * WOODEN HANDLE METAL LUCK *50 X 80CM *74 X 49CM GLASS FIXED 2-PANEL *5mm THICK. DOUBLE GLASS LIGHTING PANEL	WOODEN FRAME HINGED WOODEN DOUBLE DOOR *DOOR HOLDER * WOODEN HANDLE METAL LUCK *50 X 80CM *74 X 49CM GLASS FIXED 2-PANEL *5mm THICK. DOUBLE GLASS LIGHTING PANEL	WOODEN FRAME HINGED WOODEN DOUBLE DOOR *DOOR HOLDER * WOODEN HANDLE METAL LUCK *50 X 80CM *74 X 49CM GLASS FIXED 2-PANEL *5mm THICK. DOUBLE GLASS LIGHTING PANEL	WOODEN FRAME HINGED WOODEN DOUBLE DOOR *DOOR HOLDER * WOODEN HANDLE METAL LUCK *50 X 80CM *74 X 49CM GLASS FIXED 2-PANEL *5mm THICK. DOUBLE GLASS LIGHTING PANEL	WOODEN FRAME HINGED WOODEN DOUBLE DOOR *DOOR HOLDER * WOODEN HANDLE METAL LUCK *50 X 80CM *74 X 49CM GLASS FIXED 2-PANEL *5mm THICK. DOUBLE GLASS LIGHTING PANEL	WOODEN FRAME HINGED WOODEN DOUBLE DOOR *DOOR HOLDER * WOODEN HANDLE METAL LUCK *50 X 80CM *74 X 49CM GLASS FIXED 2-PANEL *5mm THICK. DOUBLE GLASS LIGHTING PANEL	WOODEN FRAME HINGED WOODEN DOUBLE DOOR *DOOR HOLDER * WOODEN HANDLE METAL LUCK *50 X 80CM *74 X 49CM GLASS FIXED 2-PANEL *5mm THICK. DOUBLE GLASS LIGHTING PANEL	WOODEN FRAME HINGED WOODEN DOUBLE DOOR *DOOR HOLDER * WOODEN HANDLE METAL LUCK *50 X 80CM *74 X 49CM GLASS FIXED 2-PANEL *5mm THICK. DOUBLE GLASS LIGHTING PANEL	WOODEN FRAME HINGED WOODEN DOUBLE DOOR *DOOR HOLDER * WOODEN HANDLE METAL LUCK *50 X 80CM *74 X 49CM GLASS FIXED 2-PANEL *5mm THICK. DOUBLE GLASS LIGHTING PANEL	WOODEN FRAME HINGED WOODEN DOUBLE DOOR *DOOR HOLDER * WOODEN HANDLE METAL LUCK *50 X 80CM *74 X 49CM GLASS FIXED 2-PANEL *5mm THICK. DOUBLE GLASS LIGHTING PANEL

DOORS FINISHED SCHEDULE

CAD FILE	COMPREHENSIVE HEALTH CLINIC (CHC)			REVISIONS	ARCHITECT/ENGINEER	CLIENT	RECIPIENT
SCALE	1:50	NO.	NAME	INITL.	DATE	May-2008	
DRAWING NUMBER	CHC-A-D-W-001	DESIGNED BY	Ar. M.Saber		PROJ. APPROVALS		
PROJECT NUMBER		CHECKED BY	Eng. Karim		APPROVALS		
		PROJECT MANAGER				KABUL - AFGHANISTAN	AFGHANISTAN
		PROJECT DIRECTOR				Email: baceag@yahoo.com	Mobile: 0799 336066 , 0799 364 473

NOTE:
 1- ALL DIMENSIONS ARE IN CM.
 2- ALL DIMENSIONS ARE FROM THE FINISHED FLOOR.
 3- ALL MEASUREMENTS ARE FOR THE STRUCTURAL OPENING.
 4- ALL DOORS & WINDOWS ARE DOUBLE GLAZED.
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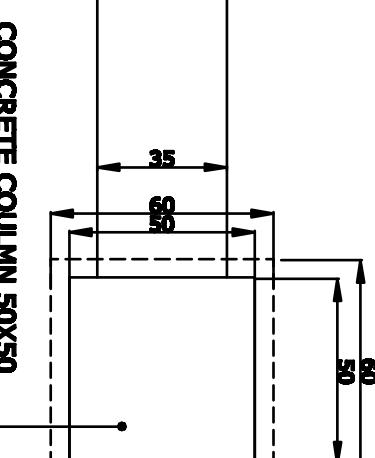


WINDOWS FINISHED SCHEDULE

CAD FILE	REVISION	REVISIONS	INITL	SIG.	DATE	COMPREHENSIVE HEALTH	ARCHITECT/ENGINEER	CLIENT	RECIPIENT
SCALE	1:50	(CHC)	NAME	INITL.	DATE	PRODUCED BY	BaCEAG	MINISTRY OF PUBLIC	
DRAWING NUMBER	CHC-Ar-D-W-002	WINDOWS FINISHED	DESIGNED BY	A. M. Saber	May-2008	CHECKED BY	Eng. Karim	HEALTH	
PROJECT NUMBER		SCHEDULE	APPROVALS	PROJECT MANAGER	PROJECT DIRECTOR	APPROVALS	KABUL - AFGHANISTAN	AFGHANISTAN	Email: baceag@yahoo.com Mobile: 0700 330000 , 0700 304 473

1

GATE PLAN
SCALE= 1/20

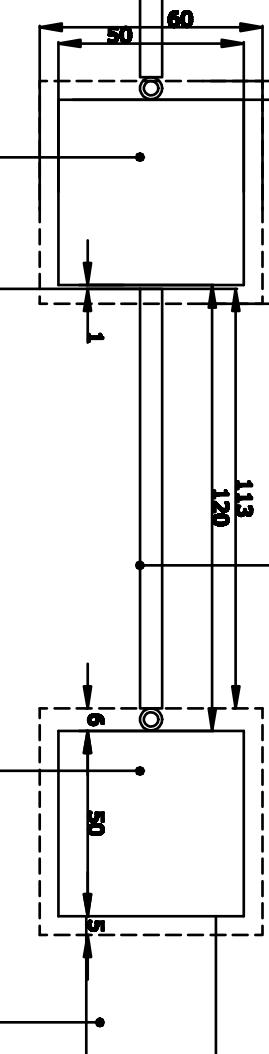


CONCRETE COLUMN 50X50

STEEL TUBE (6X6)CM.

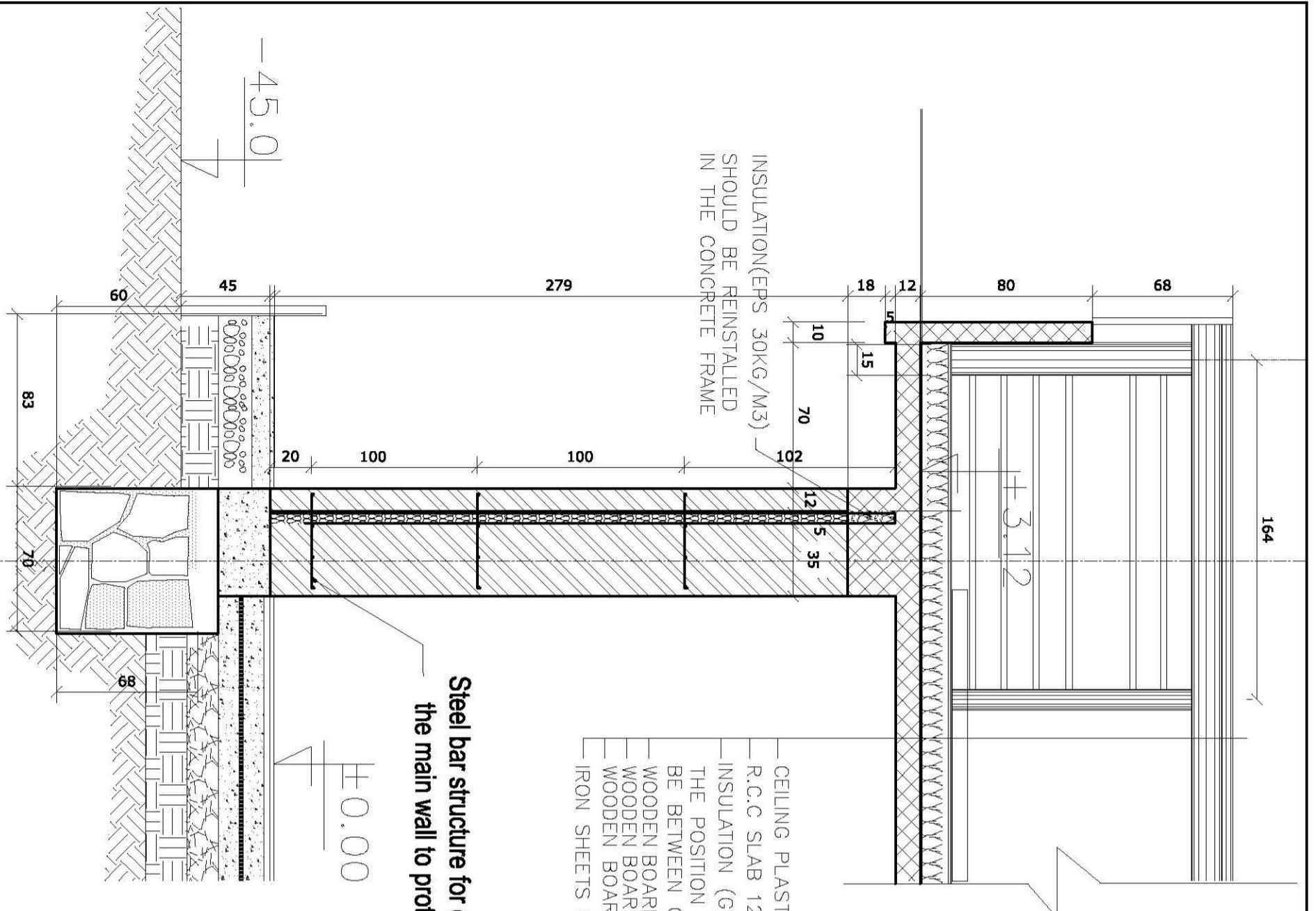
BRICK WALL 35CM.

CONCRETE COLUMN 50X50

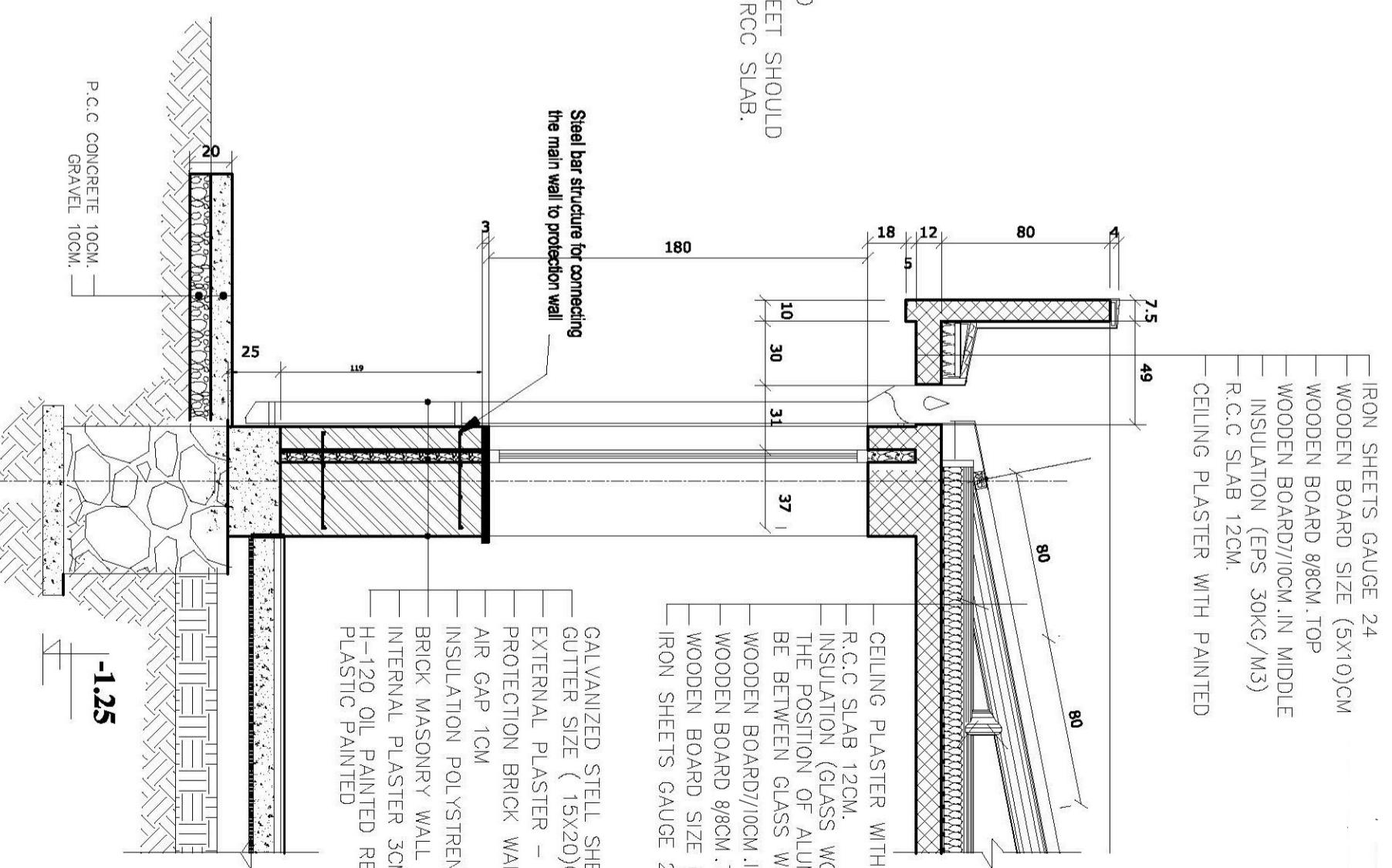


STEEL TUBE (6X6)CM.

CAD FILE		REVISIONS	NAME	INITL.	DATE	PRODUCED BY	INITL.	SIG.	DATE	COMPREHENSIVE HEALTH	ARCHITECT/ENGINEER	CLIENT	RECIPIENT
SCALE	1 :30					BaCEAG			May-2008	(CHC)			
DRAWING						CONSULTATIVE			May-2008	CLINIC			
NUMBER	CHC.Wall.002					ENGINEERING			May-2008	(CHC)			
PROJECT						& ARCHITECTURAL				GROUP			
NUMBER						GROUP				KABUL - AFGHANISTAN			
											Email: baceag@yahoo.com		
											Mobile: 0798 338 666 , 0798 364 476		



**Steel bar structure for connecting
the main wall to protection wall**



FILE NO.	COMPREHENSIVE HEALTH CLINIC (CHC)	REVISION NO.	REVISION NAME	INTL. NO.	SIG.	DATE	ARCHITECT/ENGINEER	CLIENT	RECIPIENT
SCALE NO.	1:25			BaCEAG		May-2003	BaCEAG CONSULTATIVE ENGINEERING & ARCHITECTURAL GROUP	MINISTRY OF PUBLIC HEALTH	
DRAWING NUMBER	GR-AR-003			Consultant		May-2003			
PROJECT NUMBER				Checked by	Eng. A. K. Arif	May-2003			

ELECTRICAL LEGEND:

	DOUBLE-ROD FLOURESCENT LAMP
	DOUBLE-ROD FLOURESCENT LAMP
	CONDESCENT LAMP
	CEILING FAN
	EXHAUST FAN
	FAN SWITCH
	S1 SINGLE-POLE SWITCH
	SPECIAL SOCKET
	SOCKET

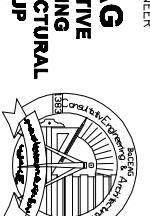
TOTAL LOAD AND PHASE BALANCE:

	MAIN SWITCH
	CIRCUIT BREAKER
	FUSE
	GROUNDING
	COPPER NAIL (PLATE)
	PANNEL BOARD
	L/C LIGHTING CIRCUIT
	P/C POWER CIRCUIT
	SP/C SPECIAL POWER CIRCUIT
	FP/C FAN POWER CIRCUIT
	SPARE LOAD IN (PB): = 6.6kVA
	PHASE BALANCE IN (PB): A= 14.3kVA B= 14.7kVA C= 14.8kVA
	TOTAL LOAD IN PB = 50.4kVA
	SPARE PHASE BALANCE A= 2.2kVA B= 2.2kVA C=2.2kVA

1 ELECTRICAL LEGEND

SCALE=NTS

CAD FILE	REVISION	NO.	REVISION	NAME	INITL.	DATE	INITL.	SIG.	DATE	COMPREHENSIVE HEALTH	ARCHITECT/ENGINEER	CLIENT	RECIPIENT
SCALE	1:100	(CHC)					BacEAG		May-2008				
DRAWING NUMBER	CHC-EL.006						DESIGNED BY	Eng-Mosconi	May-2008				
PROJECT NUMBER							CHECKED BY	Eng-Anwar	May-2008				
							APPROVALS	KABUL - AFGHANISTAN					
							PROJECT MANAGER						
							PROJECT DIRECTOR						



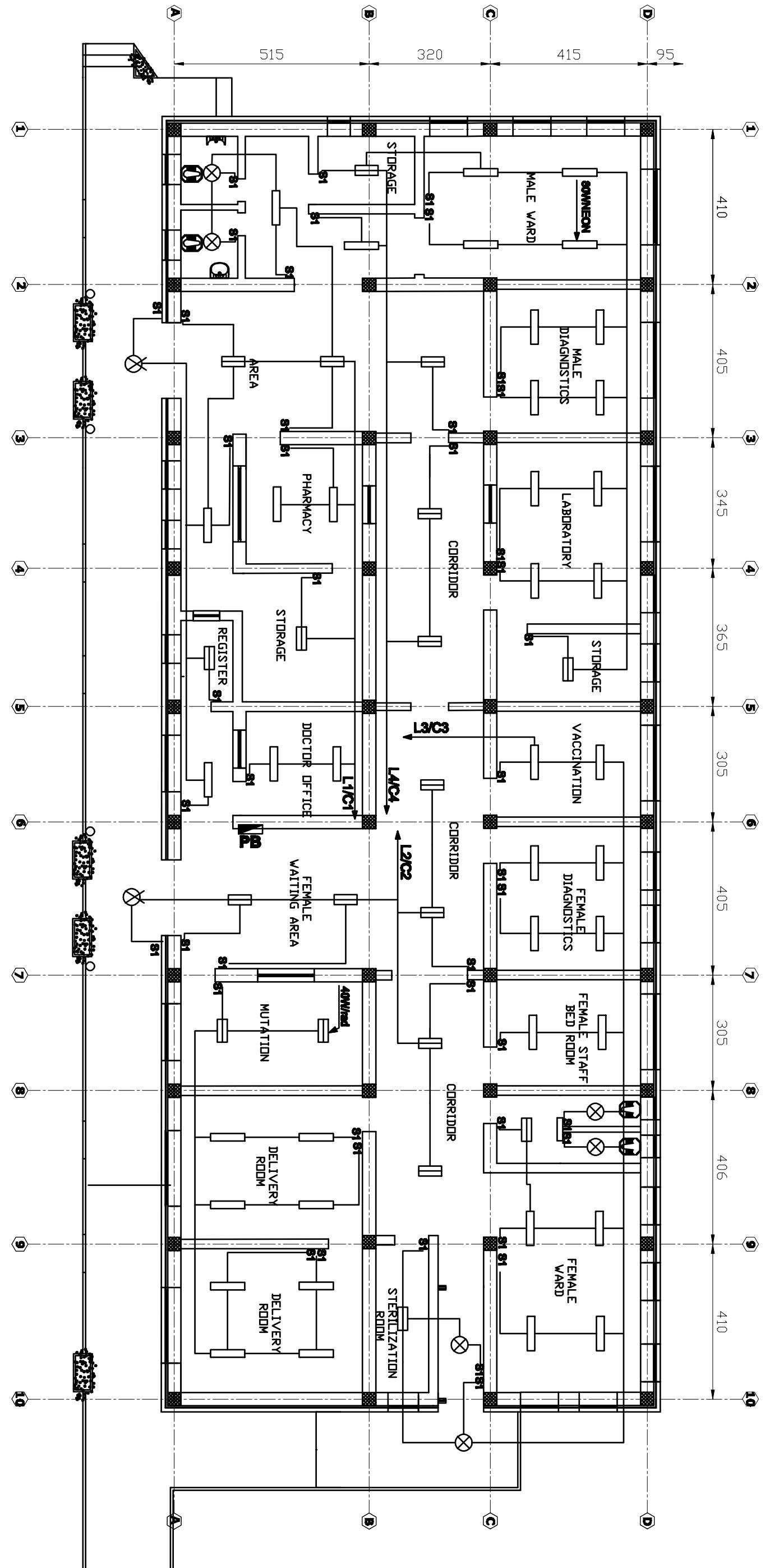
Email: baceng@yahoo.com
Mobile: 0799 333 666 , 0799 334 476

MINISTRY OF PUBLIC

HEALTH

AFGHANISTAN

1 G.F. LIGHTING PLAN
SCALE= NTS



FILE		REVISION	NAME	INITL.	DATE	PRODUCED BY	INFL.	SIG.	DATE
SCALE	1:100	NO.				BAC/EG			May-2008
DRAWING	GFC-EL-001	REVISION	(CHC)			DESIGNED BY	Eng-Masoom		May-2008
NUMBER		NAME				CHECKED BY	Eng-Ajmar		May-2008
PROJECT		INITL.				APPROVALS			
NUMBER						PROJECT MANAGER			
						PROJECT DIRECTOR			

COMPREHENSIVE HEALTH CLINIC (CHC)
G.F. LIGHTING PLAN

REVISIONS

NO.	REVISION	NAME	INITL.	DATE	PRODUCED BY	INFL.	SIG.	DATE
					BAC/EG			May-2008

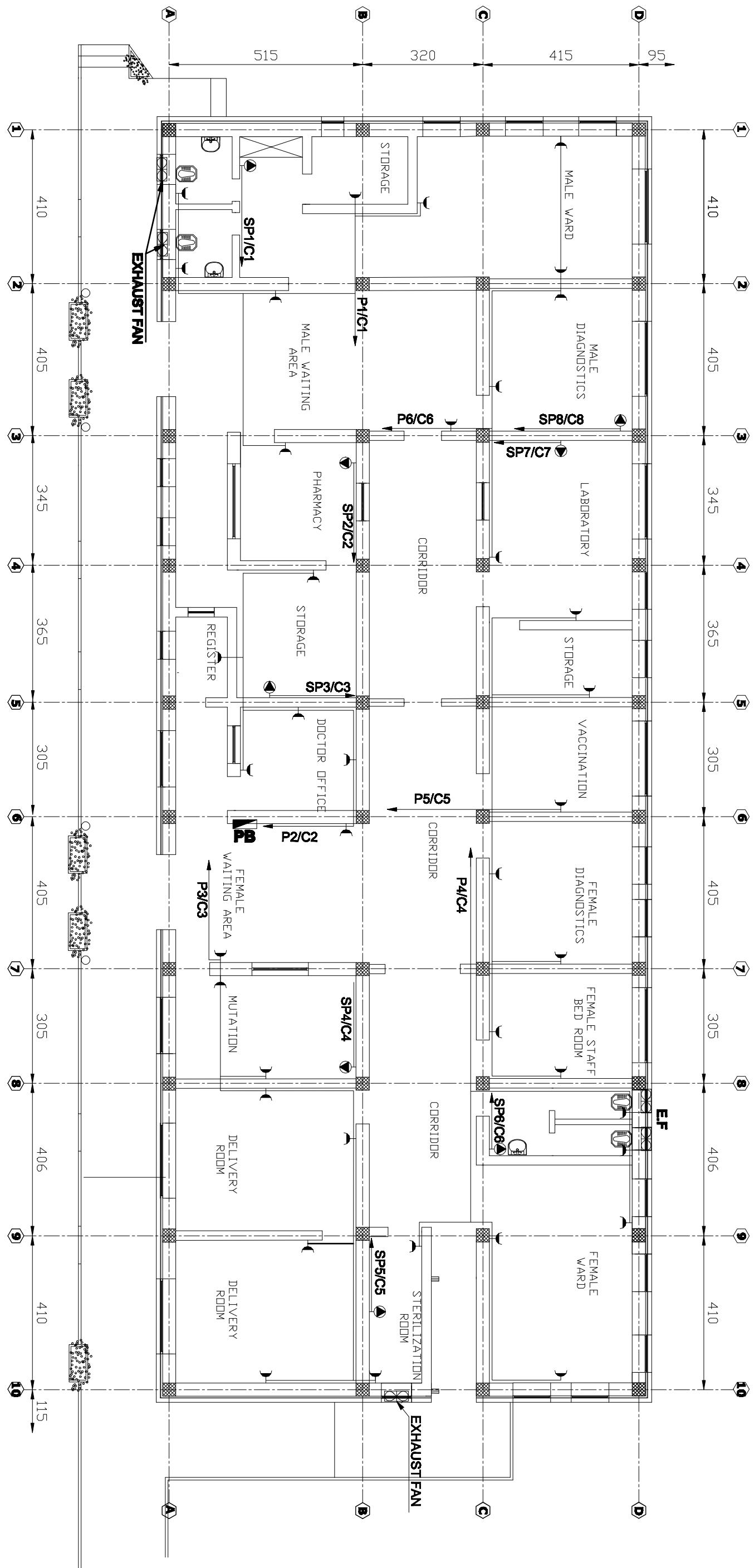
COMPREHENSIVE HEALTH CLINIC (CHC)
KABUL - AFGHANISTAN

ARCHITECT/ENGINEER
BAC/EG
CONSULTATIVE ENGINEERING & ARCHITECTURAL GROUP
With headquarters in
Kabul, Afghanistan,
and offices in
Mazar-e-Sharif, Herat
and Maimana, Ghor

CLIENT
MINISTRY OF PUBLIC HEALTH
AFGHANISTAN

RECIPIENT

1 G.F. POWER PLAN
SCALE= NTS



CAD FILE SCALE	COMPREHENSIVE HEALTH CLINIC (CHC)	REVISION NO.	NAME INITL.	DATE PRODUCED BY	INTL. SIG.	DATE PRODUCED BY
1:100				Bozag Eng. Masooma May-2008		
CHC.EL.003	G. F. POWER PLAN			Checked By Eng. Anwar May-2008		
PROJECT NUMBER				APPROVALS		
				Project Manager Project Director		

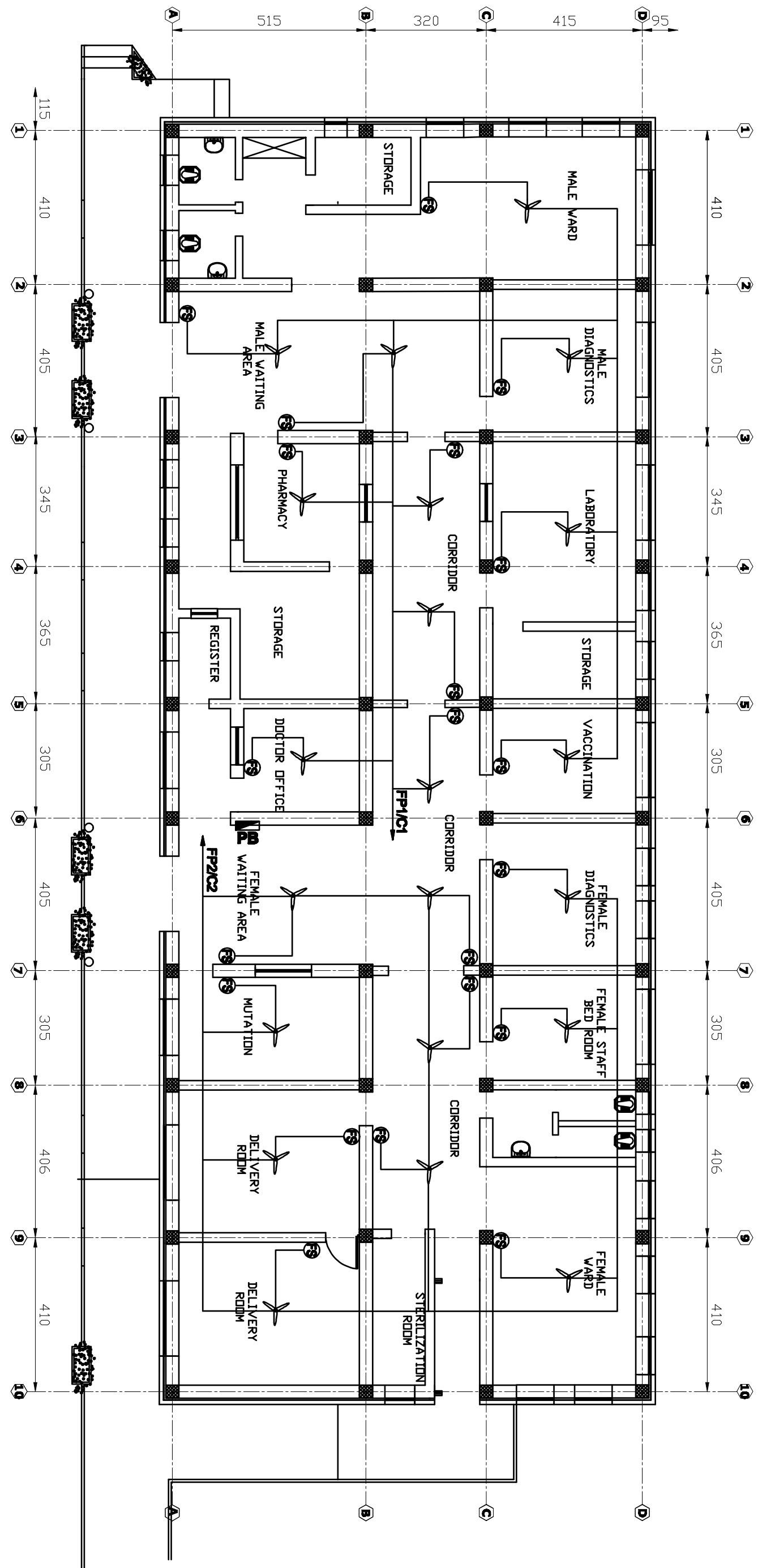
BaCEAG CONSULTATIVE ENGINEERING & ARCHITECTURAL GROUP
Email: baceag@yahoo.com
Mobile: 0798 331 666 , 0798 324 478



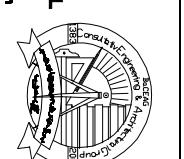
CLIENT
**MINISTRY OF PUBLIC
HEALTH**
AFGHANISTAN

1 G.F. FAN INSTALLATION PLAN

SCALE= NTS



CAD FILE	COMPREHENSIVE HEALTH CLINIC (CHC)	REVISION	NAME	INITL.	DATE	PRODUCED BY	INITL. SIG.	DATE	RECIPIENT
SCALE	(CHC)	NO.				DESIGNED BY	BaCEAG	May-2008	
1:100						CHECKED BY	Eng. Anwar	May-2008	
DRAWING NUMBER	CHC.EL.002					APPROVALS			
PROJECT NUMBER	G.F. FAN INSTALLATION PLAN	PROJECT MANAGER				PROJECT DIRECTOR			



Email: bceag@juno.com

Mobile: 0798 333 666 , 0798 304 478

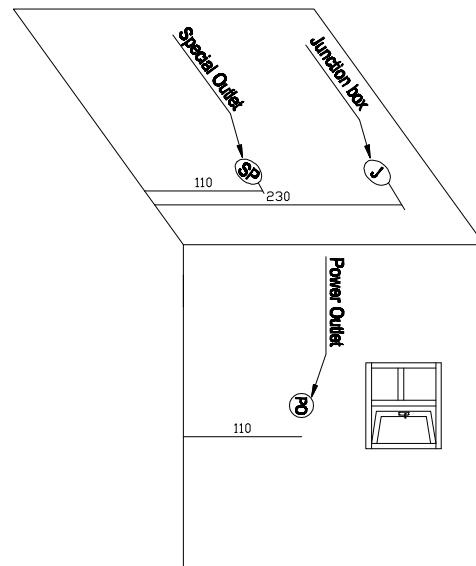
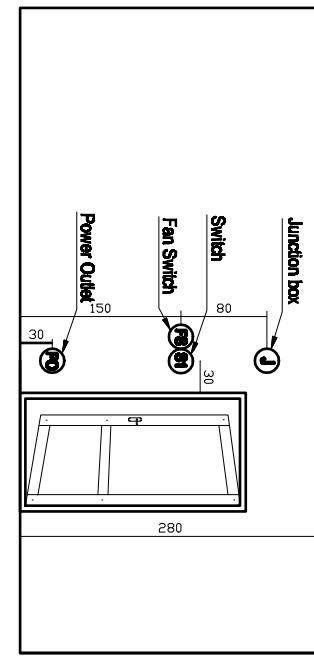
**MINISTRY OF PUBLIC
HEALTH
AFGHANISTAN**

ARCHITECT/ENGINEER
BaCEAG
CONSULTATIVE
ENGINEERING
& ARCHITECTURAL
GROUP

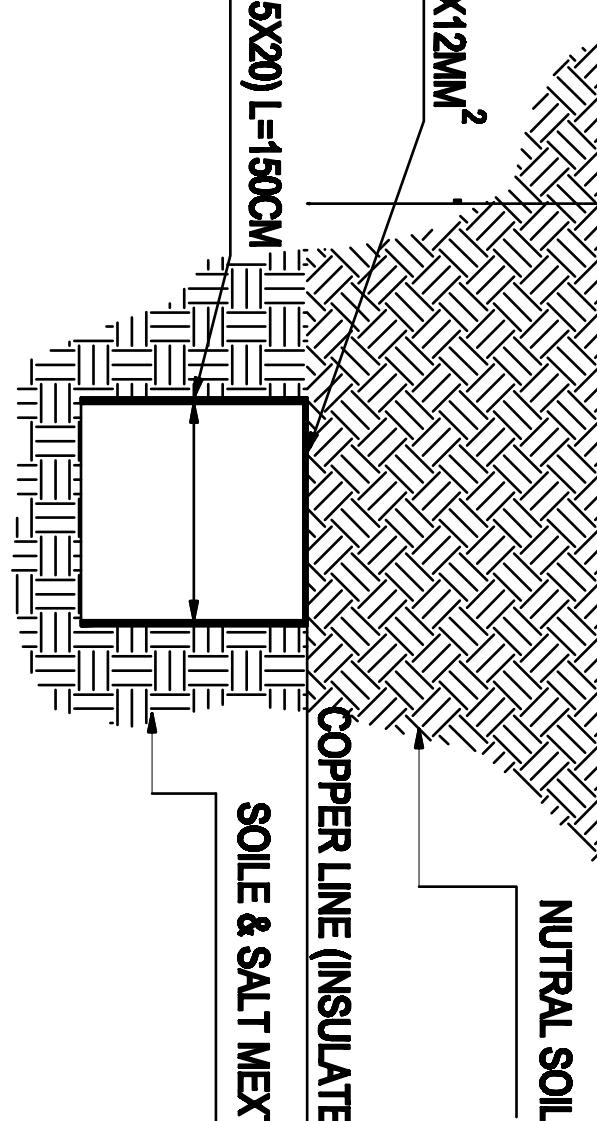
CLIENT

RECIPIENT

GROUNDING AND OUTLET INSTALLATION DETAIL:



COPPER LINE (BARE)X12MM²
COPPER PLATE (Sec.A= 5X20) L=150CM
SOILE & SALT MEXTURE
NUTRAL SOIL



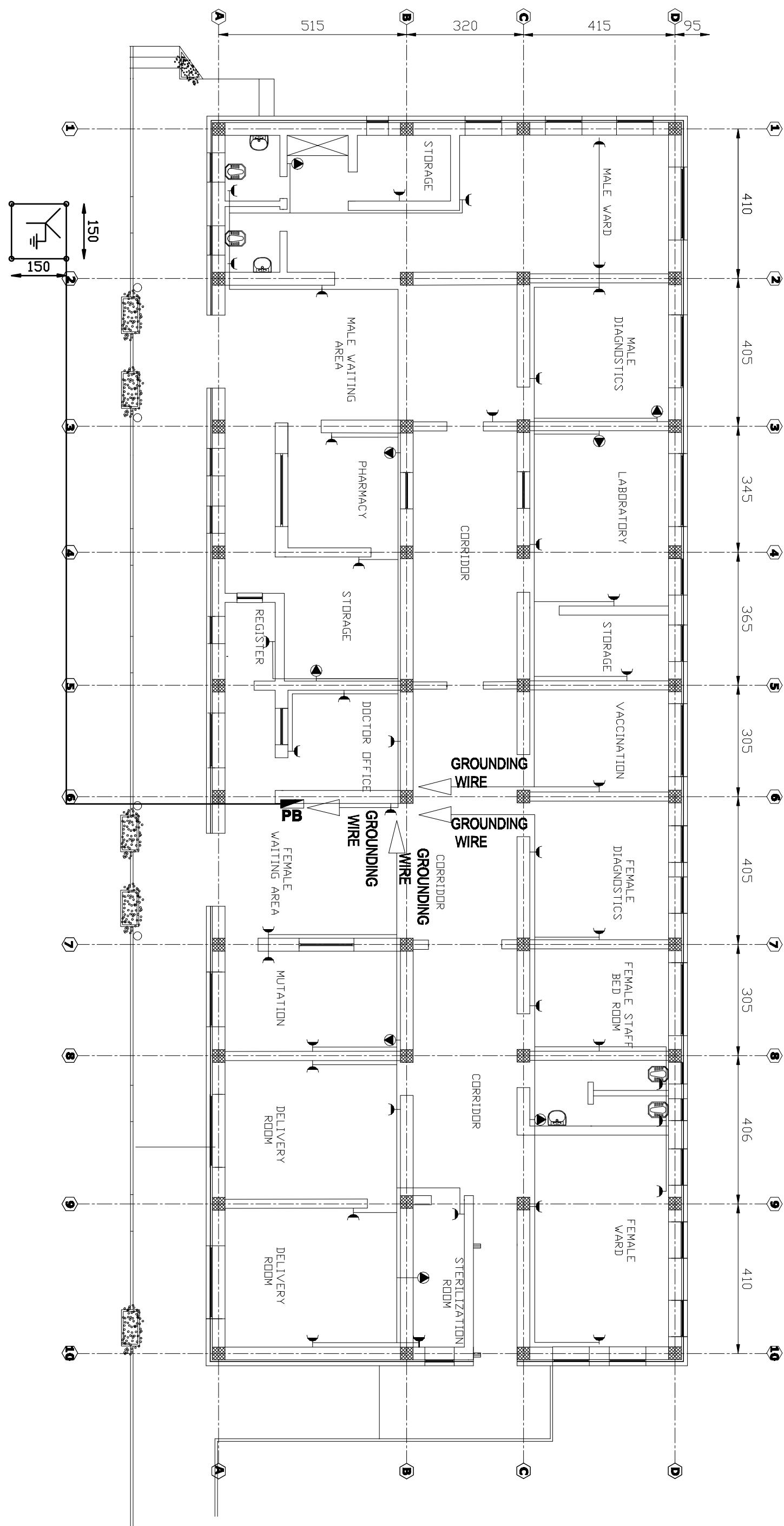
1 GROUNDING DETAIL

SCALE=NTS

CAD FILE		REVISIONS	INITL.	SIG.	DATE	COMPREHENSIVE HEALTH	ARCHITECT/ENGINEER	CLIENT	RECIPIENT
SCALE	1:100	NO.	REVISION	NAME	INITL.	DATE	BaCEAG	MINISTRY OF PUBLIC	
DRAWING NUMBER	CHC.EL.009						Eng.Masooma	HEALTH	
PROJECT NUMBER							May-2008	AFGHANISTAN	
							Designed By Eng.Anwar		
							Checked By Eng.Anwar		
							APPROVALS		
							Project Manager		
							Product Director		
							Mobile: 0798 333 000, 0798 304 476		
							Email: baceag@afghan.com		

1 GROUNDING PLAN

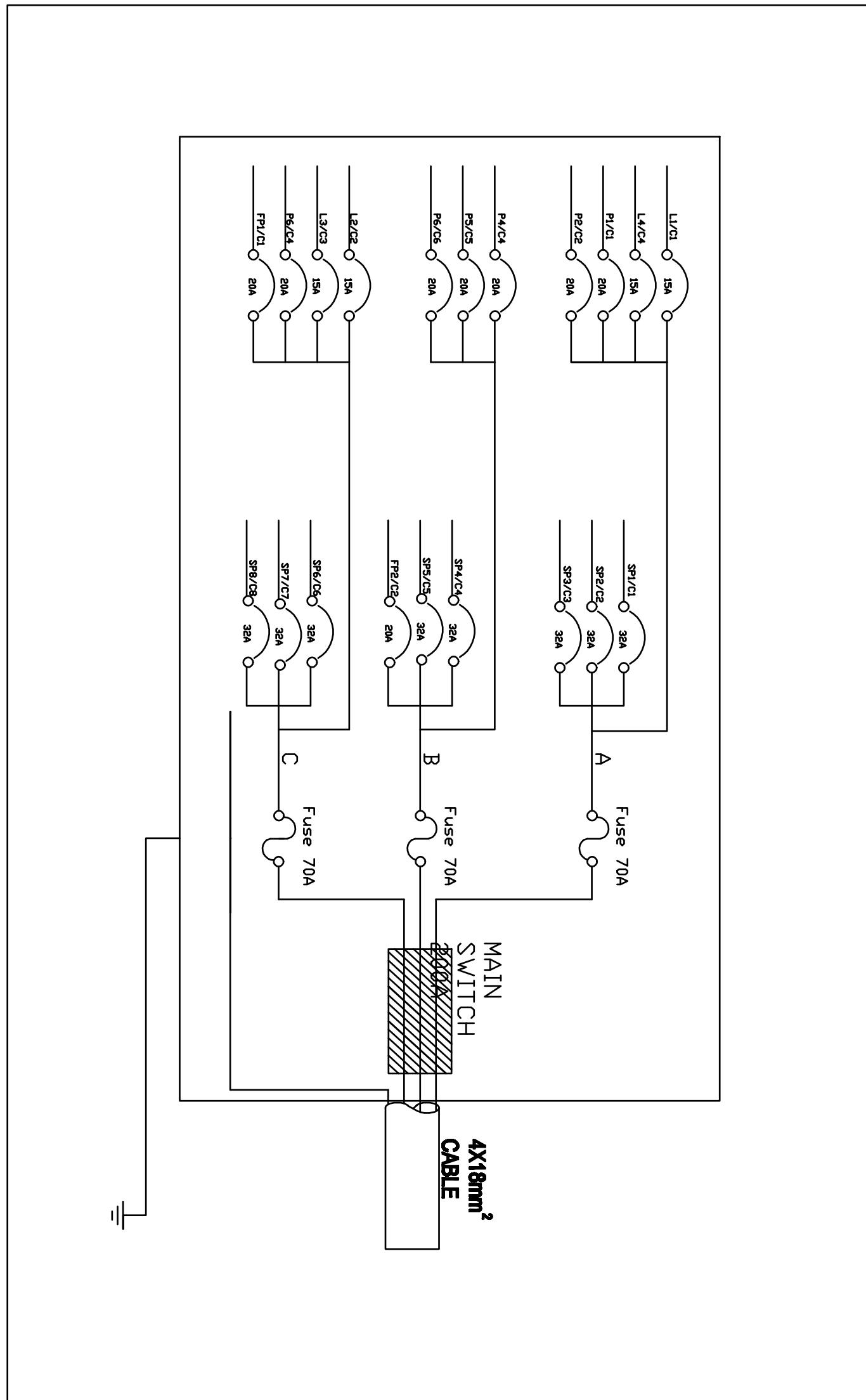
SCALE=NTS



CAD FILE		COMPREHENSIVE HEALTH CLINIC (CHC)				INITL.	SIG.	DATE	COMPREHENSIVE HEALTH	ARCHITECT/ENGINEER	CLIENT	RECIPIENT
SCALE	1:100	CHC.EL..004				Produced By: BaCEAG	May-2008	May-2008	CLINIC (CHC)	BaCEAG CONSULTATIVE ENGINEERING & ARCHITECTURAL GROUP	MINISTRY OF PUBLIC HEALTH	AFGHANISTAN
DRAWING NUMBER		DESIGNED BY	Eng. Masooma	Checked By	Eng. Amvor	APPROVALS						
PROJECT NUMBER		Project Manager		Project Director								
		Email: baceag@afghan.com		Mobile: 0700 335 003, 0700 304 478								

1 LOAD DISTRIBUTION PLAN

SCALE = NTS



CAD FILE	COMPREHENSIVE HEALTH CLINIC (CHC)			REVISION	NAME	INITL.	SIG.	DATE	COMPREHENSIVE HEALTH CLINIC (CHC)	ARCHITECT/ENGINEER	CLIENT	RECIPIENT
SCALE	1:100			NO.					BaCEAG CONSULTATIVE ENGINEERING & ARCHITECTURAL GROUP			
DRAWING NUMBER	CHC-EL.007			DESIGNED BY	Eng. Masooma							
PROJECT NUMBER	LOAD DISTRIBUTION PLAN			CHECKED BY	Eng. Ammar							
	APPROVALS	PROJECT MANAGER	PROJECT DIRECTOR						KABUL - AFGHANISTAN		MINISTRY OF PUBLIC HEALTH AFGHANISTAN	
									Email: bceag@afghan.com Mobile: 0700 335 000, 0700 200 470			

PANEL BOARD NAME PB
 PANEL BOARD TYPE MAIN SWITCH
 PANEL BOARD LOCATION -CORRIDOR

C.B. NO.	TRIP AMP.	CONDUCE SIZE	WIRE SIZE	LOCATION	LOAD SERVED	LOAD V.A		LOAD SERVED	LOCATION	WIRE SIZE	CONDUCE SIZE	TRIP AMP.	C.B. NO.	
						V.A	PHASE							
L1/C1	7.73	Ø20mm	2(1C_1.5mm ²)	Director office & Male waiting area	LAMPS	1700	A	2000	SOCKET	Toilet (Bioler)	3(1C_6mm ²)	Ø20mm	9.1	SP1/C1
L4/C4	7.6	Ø20mm	2(1C_1.5mm ²)	Male ward & Laboratory	LAMPS	1600	A	2000	SOCKET	Pharmacy	3(1C_4mm ²)	Ø20mm	9.1	SP2/C2
P1/C1	11.5	Ø20mm	3(1C_2.5mm ²)	Male waiting area & Toilets	SOCKET	2500	A	2000	SOCKET	Storage	3(1C_4mm ²)	Ø20mm	9.1	SP3/C3
P2/C2	11.5	Ø20mm	3(1C_2.5mm ²)	Director office & Storage	SOCKET	2500	A	2200	-	-	SPARE		10	SPARE
P3/C3	13.6	Ø20mm	3(1C_2.5mm ²)	Mutation & Delivary room	SOCKET	3000	B	2000	SOCKET	Mutation(bolier)	3(1C_6mm ²)	Ø20mm	9.1	SP4/C4
P4/C4	13.6	Ø20mm	3(1C_2.5mm ²)	Female ward & Toilets	SOCKET	2500	B	2000	SOCKET	Sterilization room	3(1C_4mm ²)	Ø20mm	9.1	SP5/C5
P5/C5	5.73	Ø20mm	3(1C_2.5mm ²)	Female staff room & Storage	SOCKET	3000	B	2200	FANS	Female ward & Corridor	3(1C_2.5mm ²)	Ø20mm	10	FP2/C2
-	-	-	-	-	B	2200	-	-	SPARE				10	SPARE
L2/C2	8	Ø20mm	2(1C_1.5mm ²)	Delivery Room & Corridoor	LAMPS	1760	C	2000	SOCKET	Laboratory(bolier)	3(1C_6mm ²)	Ø20mm	9.1	SP7/C7
L3/C3	7.3	Ø20mm	2(1C_1.5mm ²)	Female ward & Vaccination	LAMPS	1600	C	2000	SOCKET	Male Diagnostics	3(1C_4mm ²)	Ø20mm	9.1	SP8/C8
P6/C6	11.5	Ø20mm	3(1C_2.5mm ²)	Laboratory & Male ward	SOCKET	2530	C	2000	FANS	Male ward & Corridor	3(1C_2.5mm ²)	Ø20mm	9.1	FP1/C1
SP6/C6	9.1	Ø20mm	3(1C_6mm ²)	Toilet (Bioler)	SOCKET	2000	C	2200	-	-	SPARE		10	SPARE

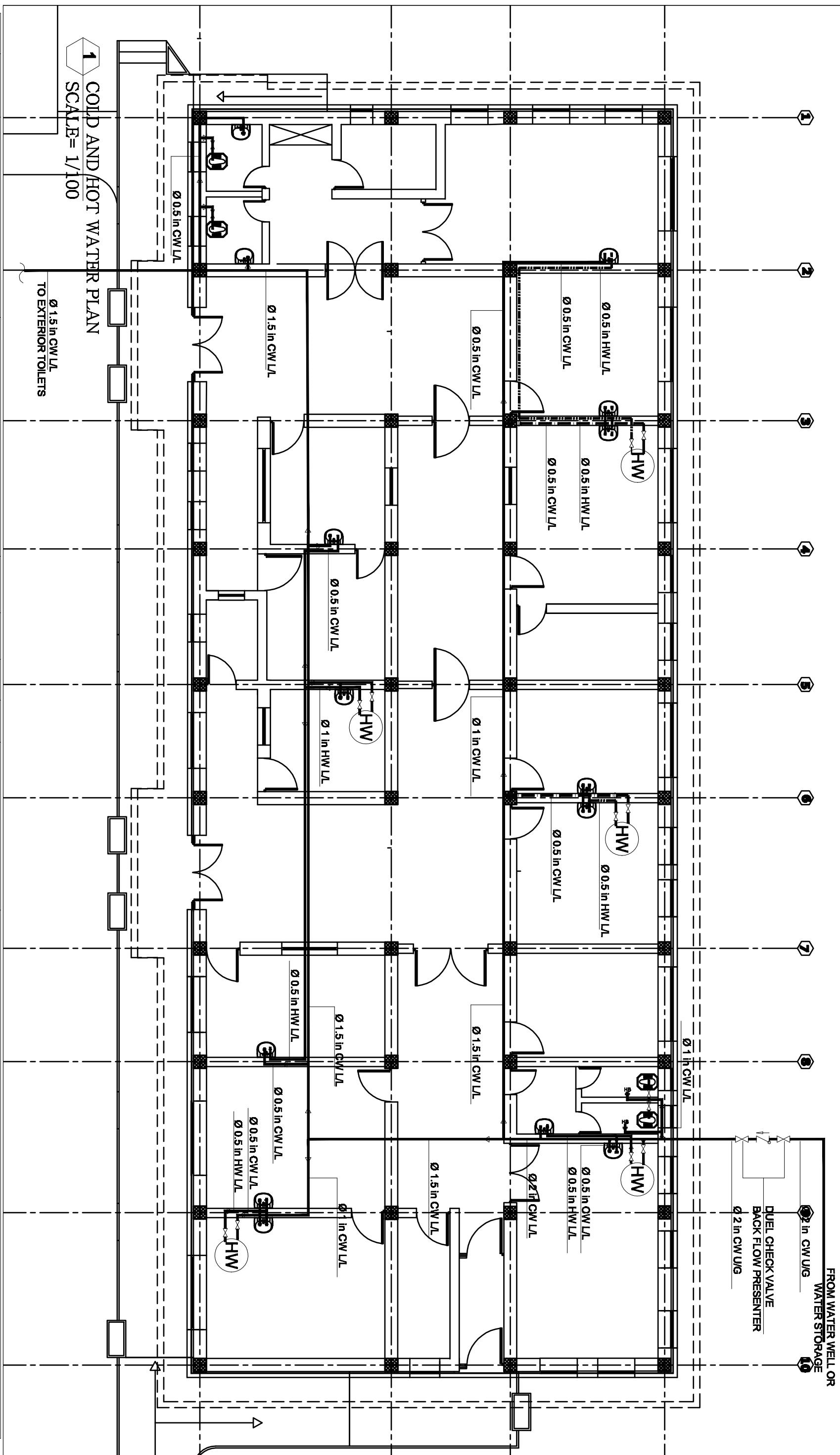
TOTAL LOAD IN (PB) = 43.8kVA
 PHASE BALANCE A=14300VA B=14700VA C=14800VA

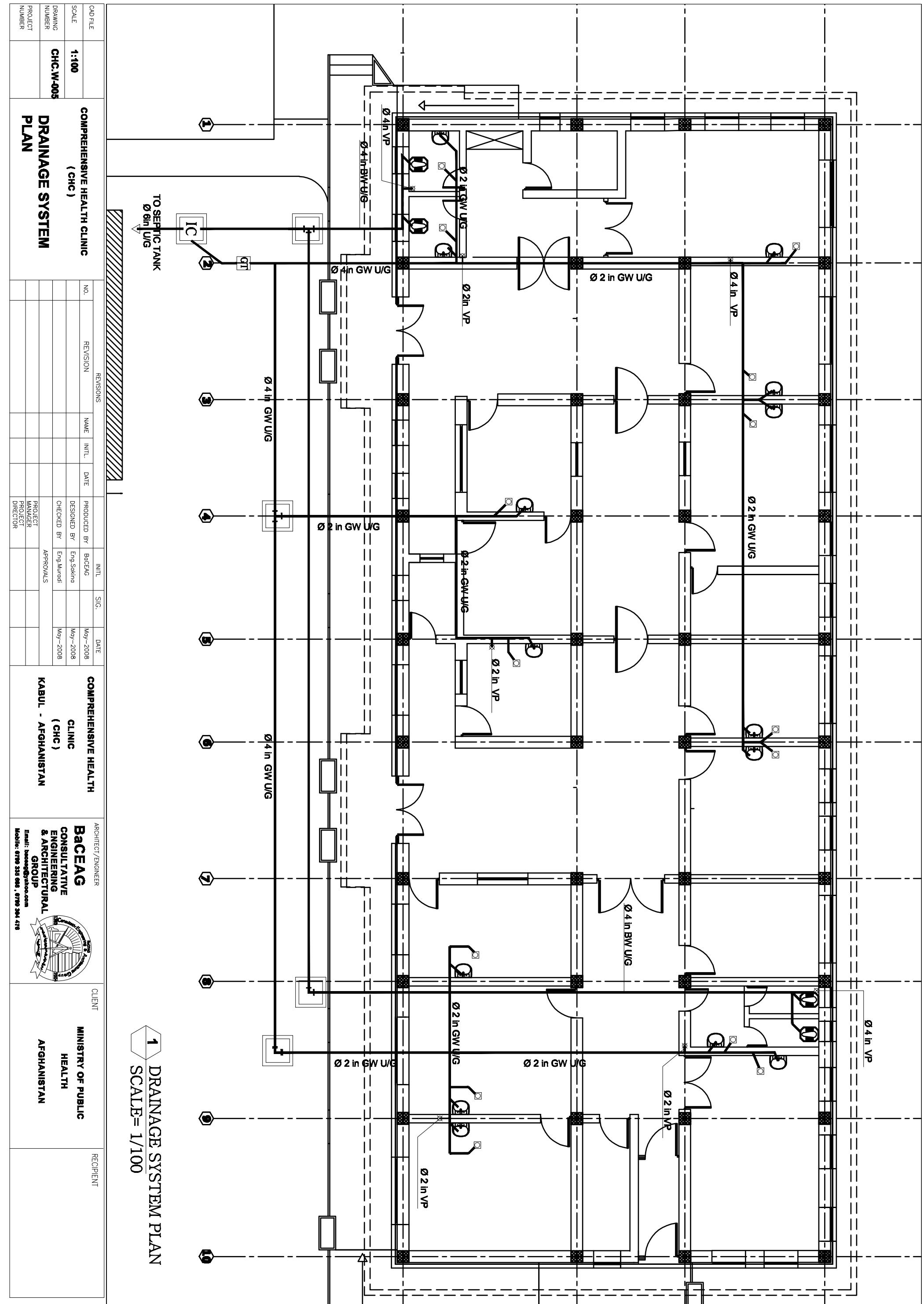
SPARE LOAD IN (PB) = 6.6kVA
 PHASE BALANCE A=2200VA B=2200VA C=2200VA

1 MDB CHART

SCALE=NTS

CAD FILE	COMPREHENSIVE HEALTH CLINIC (CHC)	REVISIONS	INITL.	SIG.	DATE	ARCHITECT/ENGINEER BAC EAG CONSULTATIVE ENGINEERING & ARCHITECTURAL GROUP	CLIENT MINISTRY OF PUBLIC HEALTH	RECIPIENT
SCALE NTS	DRAWING NUMBER CHC-EL-008	NO.	NAME	INITL.	DATE	DESIGNED BY Eng. Masooma CHECKED BY Eng. Anwar APPROVALS	HEALTH AFGHANISTAN	Email: baceng@ymail.com Mobile: 0799 333 666 , 0799 304 476





SYMBOLS AND ABBREVIATIONS

	GV	GATE VALVE
	CHK	CHECK VALVE
	HB	HOSE BIBB
	REDUCER - INCREASER	
	PIPE TURNING UP	
	FD	FLOOR DRAIN
	600X 600 X1000 MM INSPECTION CHAMBER	
	GT	GALITRAP
	VP	VENT PIPE GOING UP TO THE ROOF
	WH	WATER HEATER 80L CAPACITY
	1	PLUMBING LEGEND
	NTS	SCALE= NTS
	HW	HOT WATER GS PIPE
	CW	COLD WATER GS PIPE
	GW	GRAY WATER UPVs PIPE
	BW	BLACK WATER UPVs LINE
	H/L	HIGH LEVEL
	L/L	LOW LEVEL
	U/G	UNDER GROUND
	FT	FLASH TANK
		EUROPEAN CLOSET
		ASIAN WATER CLOSET
		SHOWER TRAY
		SINK

CAD FILE	COMPREHENSIVE HEALTH CLINIC (CHC)	REVISIONS	INITL	SIG.	DATE	COMPREHENSIVE HEALTH CLINIC (CHC)	ARCHITECT/ENGINEER	CLIENT	RECIPIENT
SCALE	NTS	NO.	REVISION	NAME	INITL.	DATE	PRODUCED BY	MINISTRY OF PUBLIC HEALTH	
DRAWING NUMBER	CHC.W-006						Eng.Sakina		
PROJECT NUMBER	PLUMBING LEGEND						Eng.Muradi		

BaCEAG CONSULTATIVE ENGINEERING & ARCHITECTURAL GROUP
 KABUL - AFGHANISTAN
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GENERAL NOTES

5. AGGREGATE SIZE

MAXIMUM AGGREGATE SIZE SHALL BE AS FOLLOW UNLESS OTHERWISE APPROVED BY THE ENGINEER.

- ALL DIMENSIONS, SPACING ETC. ARE IN CENTIMETER
- ALL ELEVATIONS ARE IN CENTIMETER

2. CONCRETE

a- MINIMUM COMPRESSIVE CUBE STRENGTH AT 28 DAYS OF ALL REINFORCED CONCRETE SHALL M250 FOR COLUMNS & FOUNDATION UNLESS OTHERWISE NOTED ON THE DRAWING,M200 FOR ALL OTHER MEMBERS OF STRUCTURE.

b- MINIMUM COMPRESSIVE CUBE STRENGTH AT 28 DAYS OF ALL BLINDING CONCRETE SHALL BE M100.

B- MINIMUM COMPRESSIVE CUBE STRENGTH AT 28 DAYS OF ALL UNLESS OTHERWISE NOTED ON THE DRAWING.

3. REINFORCING STEEL

a- ALL REINFORCING STEEL FOR REINFORCED CONCRETE SHALL BE EITHER HOT ROLLED CONFORMING TO ASTM A1 GRADE OR COLD WORKED STEEL CONFORMING TO A1 WITH A MINIMUM PROOF STRESS OF 2700kg/cm².

b- ALL LAP LENGTHS AND DEVELOPMENT LENGTHS OF REINFORCING BARS SHALL BE ACCORDING TO BS CODE.

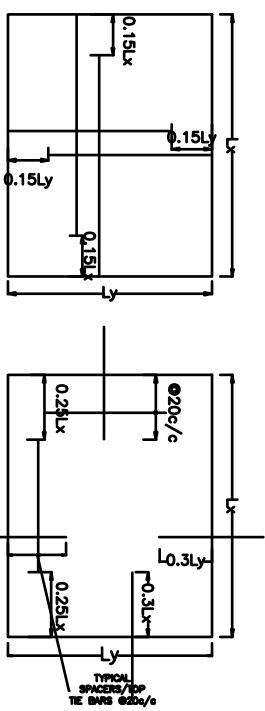
c- MOLDING SHALL BE TIED TO EXTERNAL MASONRY WALLS WITH 1CM² TIES EVERY 60cm HORIZONTALLY AND VERTICALLY.(2700kg/cm²)

d- THE SHEAR REINFORCEMENT) IN ALL BEAMS/COLUMNS SHALL BE 2700kg/6cm

4. CONCRETE PROTECTION TO REINFORCEMENT

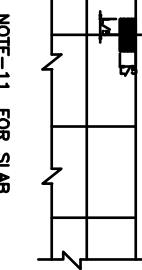
MINIMUM CLEAR CONCRETE COVER TO REINFORCEMENT SHALL BE AS FOLLOW UNLESS OTHERWISE SPECIFIED ON THE DRAWING.

STRUCTURAL ELEMENT	COVER
FOOTING SLABS,WALLS	7cm 2cm
COLUMNS & BEAMS	3cm



TYPICAL BOTTOM BAR ARRANGEMENT DETAILS FOR SLAB

TYPICAL TOP BAR ARRANGEMENT DETAILS FOR SLAB (BOTH WAYS)



NOTE-11 FOR SLAB

DETAILING OF REINFORCEMENT

THERMAL INSULATION WORKS-

ROOF-

BEBFORE TO FIXED THE GLASS WOOL ON SLAB. TGE SLAB SHOULD BE CLEANED . THE GLASS WOOL SHOULD BE 10CM THICK WITH ALUMINUM SHEET. THE ALUMINUM LAYER SHOULD BE FACED ON CONCRETE SURFACE. FOR THE CONSOLE AROUND THE BUILDING SHOULD BE USE EPS 30KG/M³ UNDER THE STEEL TRUSS ACCORDING TO THE DETAILS AND TECHNICAL SPECIFICATION. THE EPS SHOULD BE PRE INSTALLED IN THE CONCRETE FRAME ACCORDING TO THE DETAILS.

WALL-

THE EXTERIOR WALLS CONTAIN AS BELOW:
MAIN BRICK WALL 35CM
POLYSTYRENE SHEET 5CM THICK

AIR GAP 10M

JUNCTION OF THE WALL SHOULD BE AT EVERY EACH 1M HEIGHT BETWEEN PROTECTION WALL AND MAIN 35CM BRICK WALL (SEE DETAILS)

OPENING-

THE OPENING OR GAP SHOULD AT LAST 1CM BETWEEN THE POLYSTYRENE SHEET (EPS)

BAR SUPPORTS,SPACERS AND OTHER ACCESSORIES ARE NOT SHOWN ON THE DRAWING, THE RECOMMENDATION OF

ACIBS OR OTHER SUPPORTING SYSTEM AS APPROVED BY THE

ENGINEER MAY BE USED(SPACERS TO BE #30cm c/c & NOT TO BE PROVIDED IN THE AREA WHERE NEGATIVE REINFORCEMENT EXISTS).

WINDOWS AND DOORS:-

ALL GLASS OF EXTERNAL WINDOWS AND EXTERNAL DOORS SHOULD BE DOUBLE GLASS

AND PROPERLY SEALED WITH SILICON.

NOTE-

THE POLYSTYRENE SHEET FOR THE WALL IS WITH 5CM THICK AND 15KG/M³ DENSITY.

IN TWO OVERLAP LAYERS WITH (30-40) kg/m³.

GLASS WOOL ON THE TOP OF RCC SLAB UNDER GI SHEET SHOULD BE 10CM THICK

VAPOR BARRIER (ALUMINUM SHEET) WILL TAKE PLACE ON RCC SLAB.

LINTEL ON EXTERNAL WALLS SHOULD BE ACCORDING TO ENGINEERING DRAWING BUT LINTEL'S DIFFERENT LENGTH.

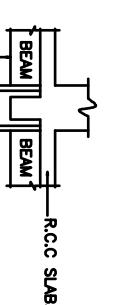
NOTE-

EXCEPT WHEN OTHERWISE SHOWN ON THE DRAWING,
WHENEVER REINFORCING BARS OF DIFFERENT SIZES
ARE TO BE SPLICED,LAP LENGTH SHALL BE GOVERNED
BY THE SMALLER TO THE TWO BARS.

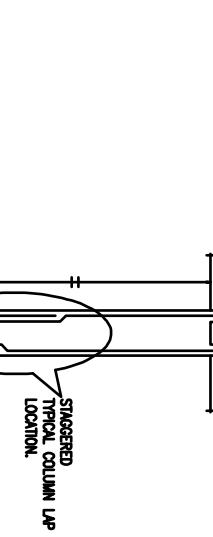
THE BEARING CAPACITY OF SOIL AS PER SOIL INVESTIGATION
REPORT IS TAKEN AS (1.35) kg/sq-centimeter

THE BEARING CAPACITY OF SOIL AS PER SOIL INVESTIGATION
REPORT IS TAKEN AS (1.35) kg/sq-centimeter

STIRRUP.----
NOTE--8 FOR BEAM / RAFT
TYPICAL SPACES FOR STIRRUP



STAGGERED COLUMN LAP
LOCATION.



H=CLEAR HEIGHT
OF COLUMN.

0.5 H
0.25 H
TYPICAL COLUMN
SHEAR REINFORCEMENT
JUMPS.

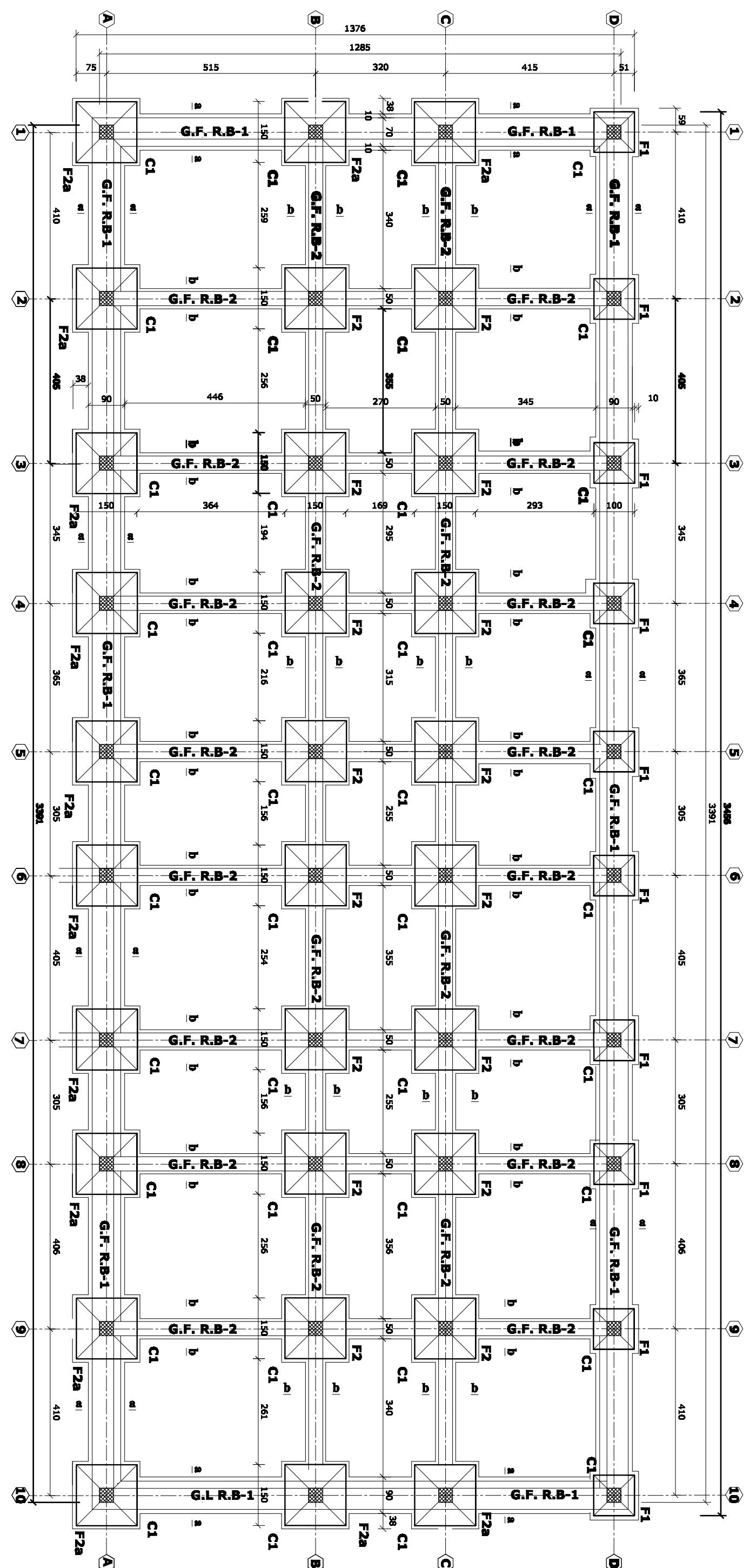


TYPICAL COLUMN REINFORCEMENT DETAIL

CAD FILE		COMPREHENSIVE HEALTH CLINIC	REVISIONS	INITL	SIG.	DATE	COMPREHENSIVE HEALTH CONSULTATIVE ENGINEERING & ARCHITECTURAL GROUP	ARCHITECT/ENGINEER	CLIENT	RECIPIENT
SCALE	NTS	(CHC)	NO.	REVISION	NAME	INITL. DATE	PRODUCED BY	May-2008	MINISTRY OF PUBLIC	
DRAWING NUMBER	CHC-ST-000	SPECIFICATION	DESIGNED BY	Eng.A.Karim			CHECKED BY	Eng.Muradi	HEALTH	
PROJECT NUMBER			APPROVALS				APPROVALS		KABUL - AFGHANISTAN	AFGHANISTAN
			PROJECT MANAGER				PROJECT DIRECTOR		Email: baceag@yahoo.com	Mobile: 0709 336066 , 0709 364470

1 FOUNDATION PLAN

SCALE = 1/100



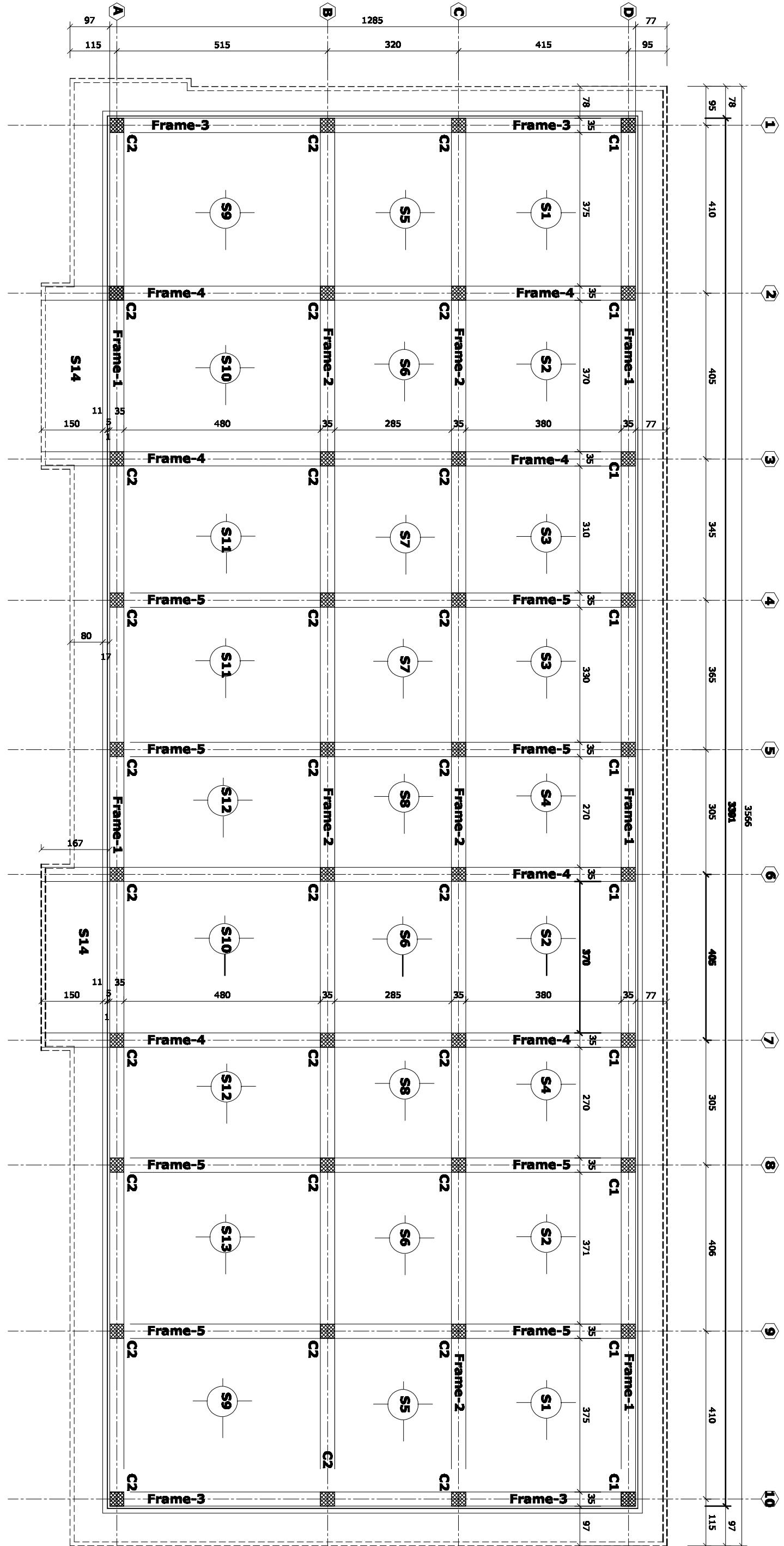
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1:100 CHC-ST-001 PROJECT NUMBER				

Email: baceag@yahoo.com
Mobile: 0700 330 000 , 0700 304 473



**NUMBERING OF FRAMES SLABS & COLUMNS
SCALE =1/100**

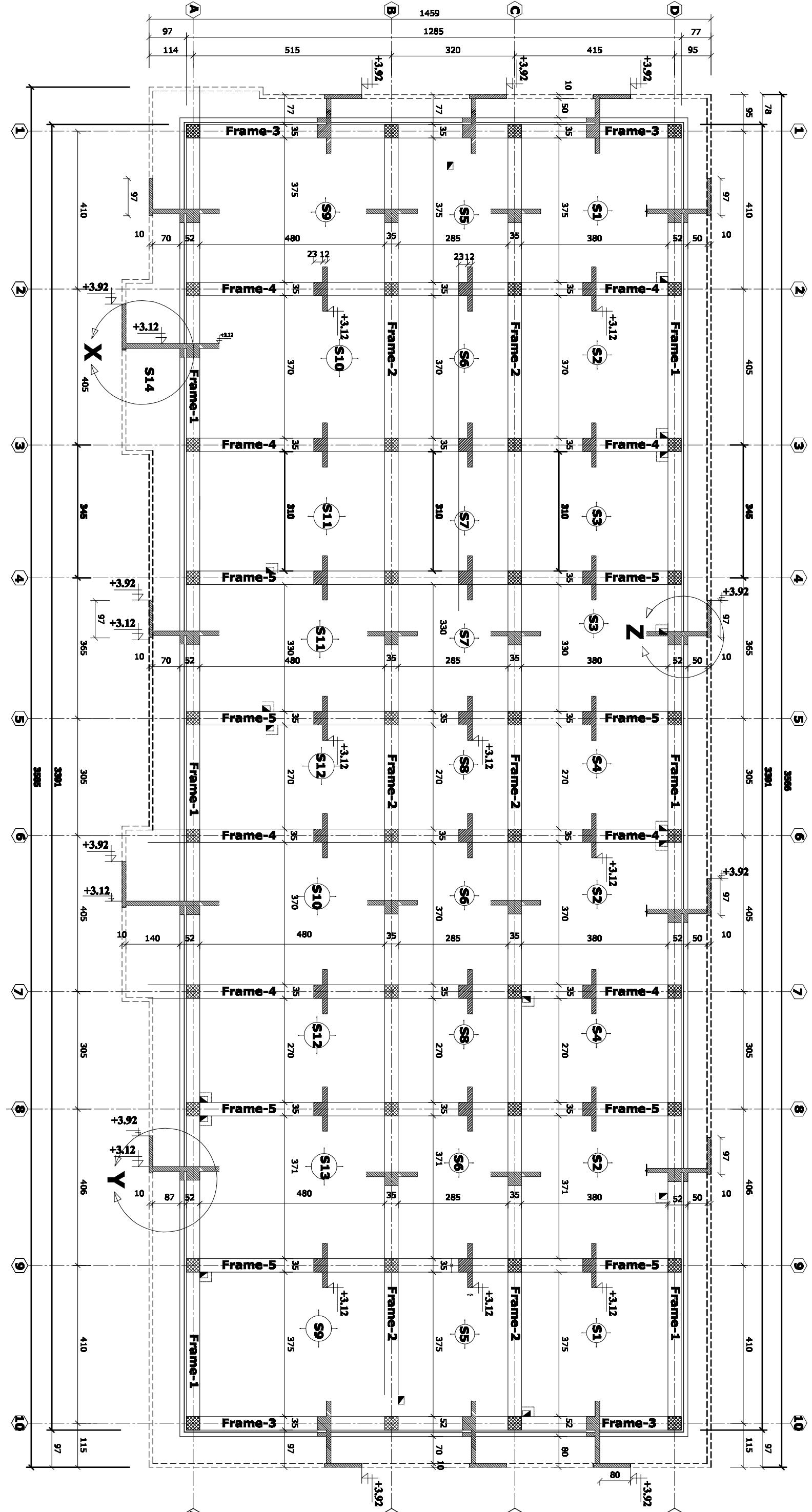
SLAB NUMBERING PLAN



CAD FILE	1:100	REVISION	NAME	INITL.	DATE	PRODUCED BY	DESIGNED BY	CHECKED BY	APPROVALS	PROJECT MANAGER	PROJECT DIRECTOR
SCALE	CHC-ST-004	NO.				BacEAG	Eng A. Karim	Eng Mursel			
DRAWING NUMBER						CLINIC CONSULTATIVE ENGINEERING & ARCHITECTURAL					
PROJECT NUMBER						KABUL - AFGHANISTAN					

1 FORM WORK PLAN

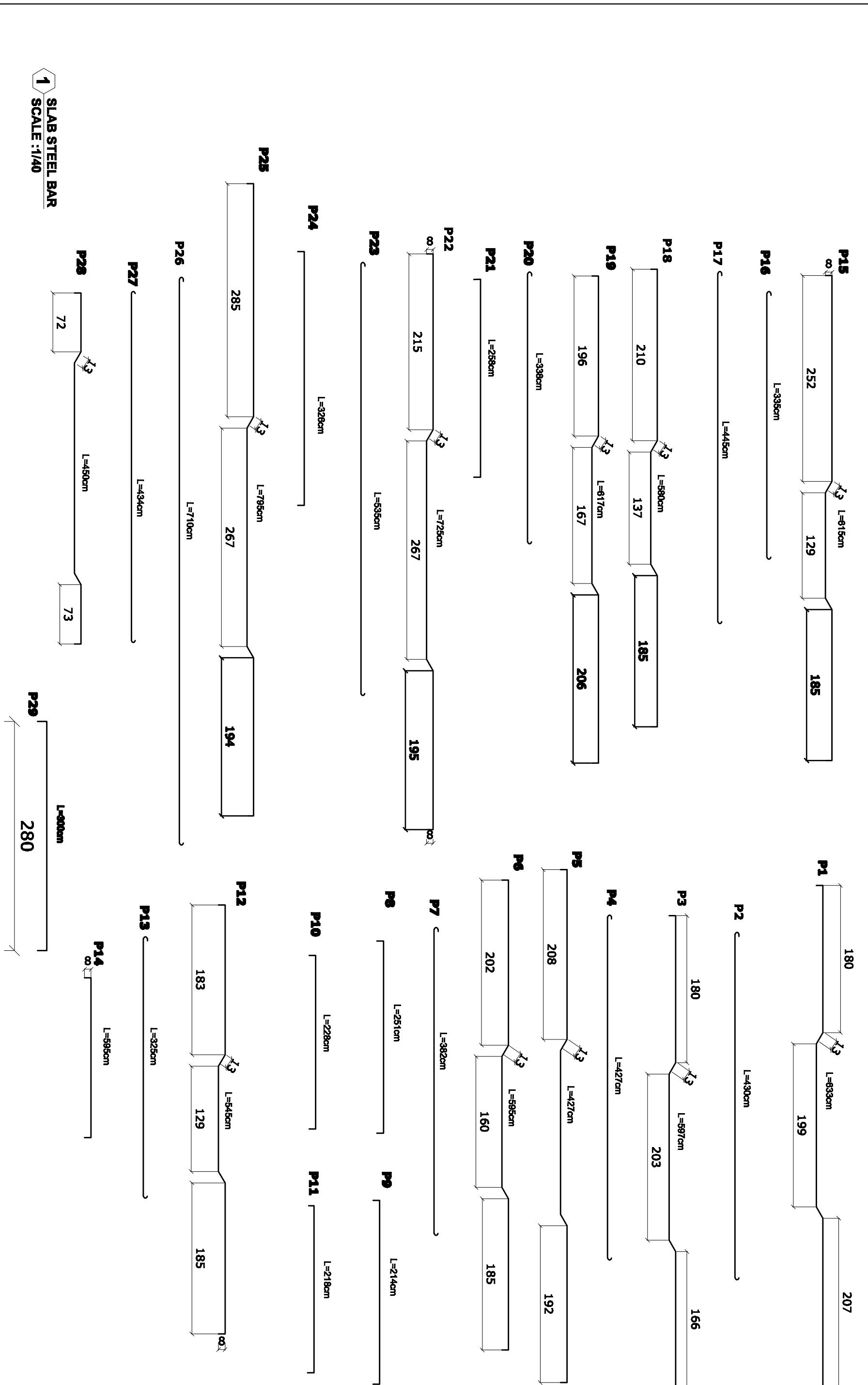
SCALE = 1/100



**1 SLAB REINFORCEMENT PLAN
SCALE :1/100**

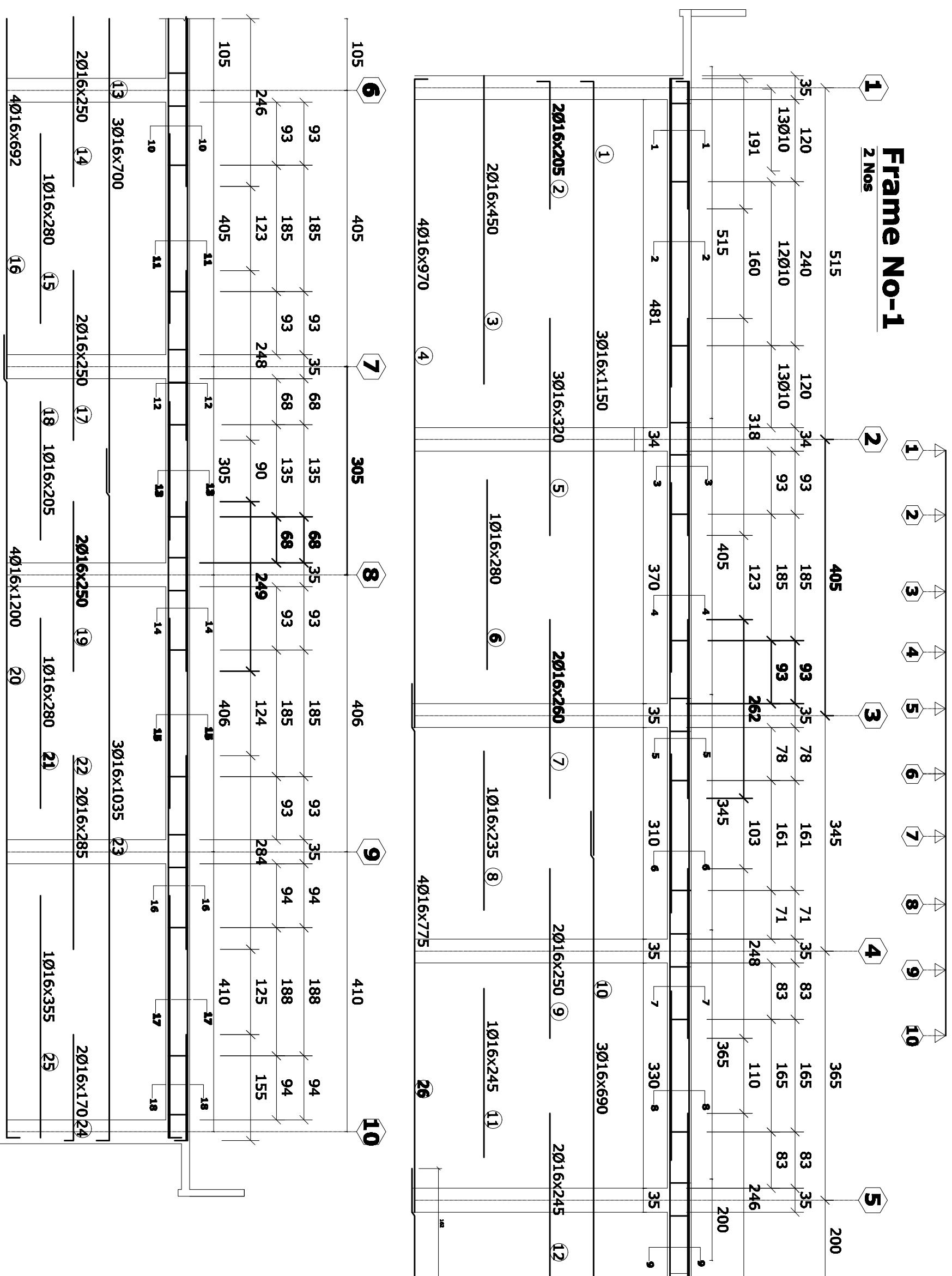
CAD FILE	COMPREHENSIVE HEALTH CLINIC (CHC)					
SCALE	1:100					
DRAWING NUMBER	CHC-ST-005					
PROJECT NUMBER						
REVISIONS						
NO.	REVISION	NAME INITL.	DATE	PRODUCED BY	BaCEAG	May-2008
				DESIGNED BY	Eng.A.Korim	May-2008
				CHECKED BY	Eng.Muradi	May-2008
APPROVALS						
PROJECT MANAGER						
PROJECT DIRECTOR						
SLAB REINFORCEMENT PLAN SCALE 1/100						
COMPREHENSIVE HEALTH CLINIC (CHC)						
KABUL - AFGHANISTAN						
ARCHITECT/ENGINEER BaCEAG CONSULTATIVE ENGINEERING & ARCHITECTURAL GROUP Email: baceag@afghan.com Mobile: 0700 300 000, 0700 304 479						
CLIENT MINISTRY OF PUBLIC HEALTH AFGHANISTAN						
RECIPIENT						

1 SLAB STEEL BAR
SCALE :1/40

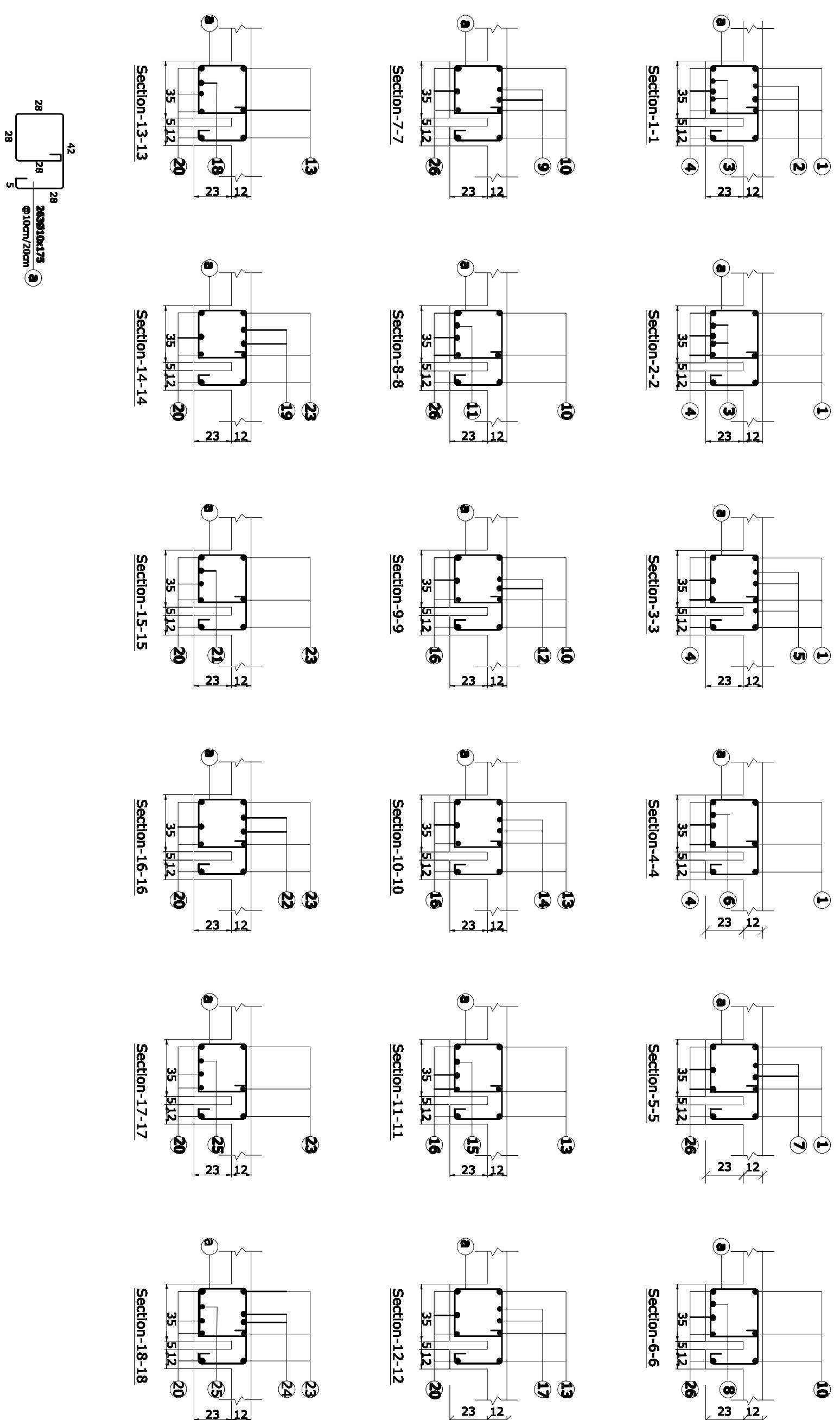


CAD FILE 1:25 DRAWING NUMBER PROJECT NUMBER	COMPREHENSIVE HEALTH CLINIC (CHC) SLAB STEEL BARS	REVISION NO. NAME PRODUCED BY DESIGNED BY CHECKED BY APPROVALS	INITL. DATE INITL. DATE May-2008 May-2008 May-2008	SIG. DATE BaCEAG CLINIC (CHC)	REVISION NO. NAME PRODUCED BY DESIGNED BY CHECKED BY APPROVALS	INITL. DATE INITL. DATE May-2008 May-2008 May-2008	SIG. DATE KABUL - AFGHANISTAN

Frame No-1



CAD FILE	COMPREHENSIVE HEALTH CLINIC (CHC)		REVISIONS		INTL.	SIG.	DATE	COMPREHENSIVE HEALTH		ARCHITECT/ENGINEER	CLIENT	RECIPIENT
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DRAWING NUMBER	CHC-ST-007						Designed By	Eng.A.Karim	CONSULTATIVE	CONSULTATIVE	HEALTH	
PROJECT NUMBER	FRAME-No-1						Checked By	Eng.Murad	ENGINEERING	ENGINEERING	AFGHANISTAN	
							APPROVALS		& ARCHITECTURAL	GROUP	AFGHANISTAN	
								KABUL - AFGHANISTAN				
								Phone: 0093 201 000 0000, 0093 201 000 0001				

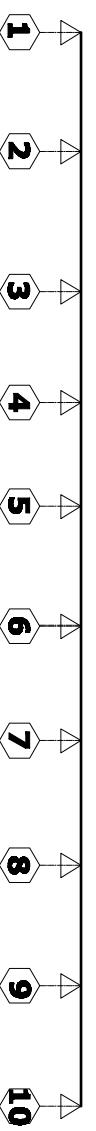


28
28
28
5
① 10cm/20cm

CAD FILE	COMPREHENSIVE HEALTH CLINIC (CHC)					RECIPIENT
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DRAWING NUMBER	CHC-ST-003	PRODUCED BY	BaCEAG	DESIGNED BY	Eng.A.Karm	May-2008
PROJECT NUMBER		CHECKED BY	Eng.Murad	APPROVALS		May-2008
		KABUL - AFGHANISTAN	BaCEAG CONSULTATIVE ENGINEERING & ARCHITECTURAL GROUP	MINISTRY OF PUBLIC HEALTH AFGHANISTAN		Ministry of Public Health, Kabul, Afghanistan, tel: +93 20 220 000, fax: +93 20 470

Frame No-2

2 Nos



515

405

345

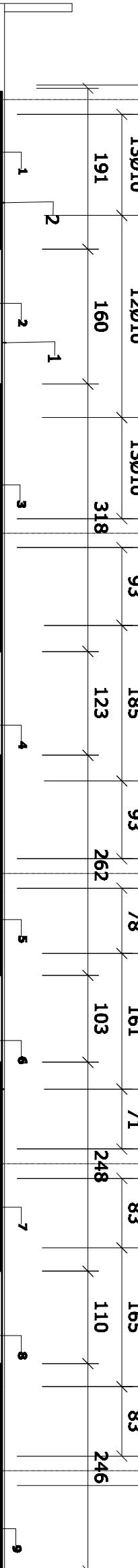
365

200

165

83

35



①

2016x1150

2016x205 ②

2016x320 ⑤

2016x260 ⑦

2016x250 ⑨

2016x245 ⑪

2016x450 ③

2016x280 ⑥

2016x235 ⑧

2016x245 ⑩

2016x970 ④

2016x690 ⑩

2016x700 ⑬

2016x250 ⑯

2016x280 ⑮

2016x1035 ⑳

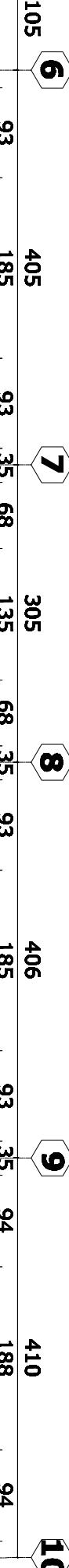
2016x355 ㉕

3016x970

④

3016x775 ㉔

㉔



105 405 305 406 410

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246 123 248 90 249 124 284 125 155

246 123 248 90 249 124 284 125 155

10 11 12 13 14 15 16 17 18 19 20 21

10 11 12 13 14 15 16 17 18 19 20 21

10 11 12 13 14 15 16 17 18 19 20 21

10 11 12 13 14 15 16 17 18 19 20 21

10 11 12 13 14 15 16 17 18 19 20 21

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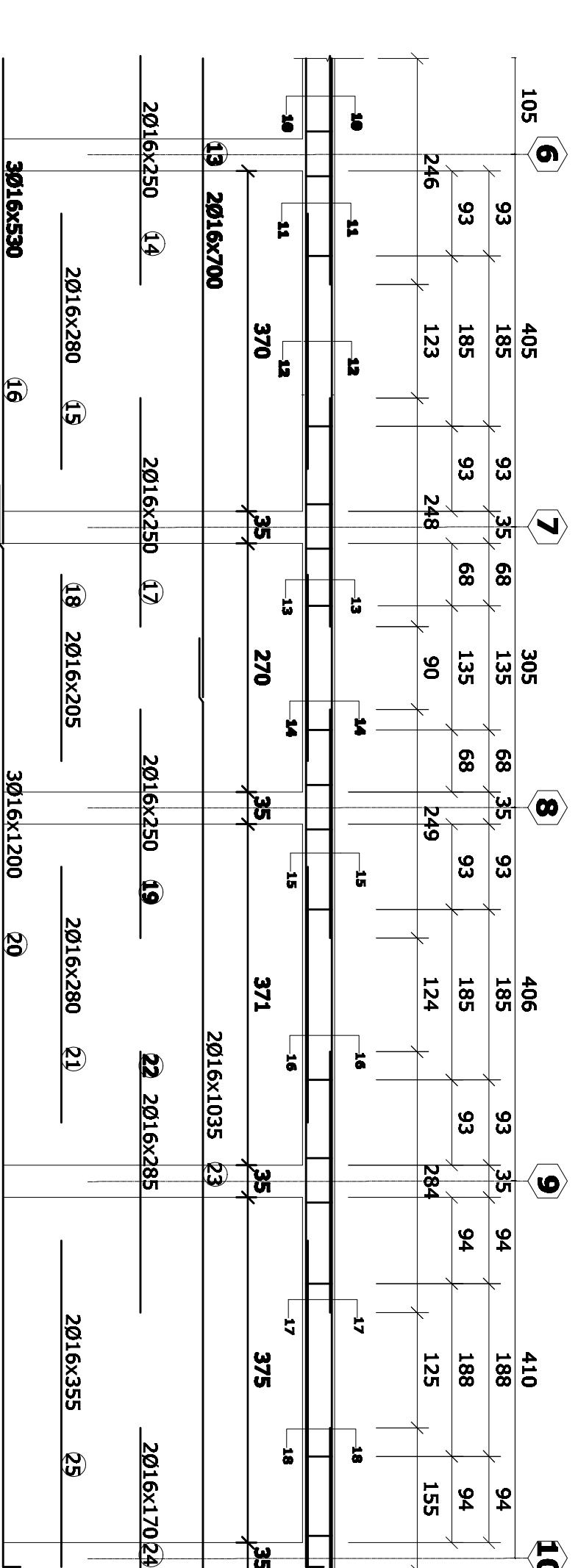
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10 11 12 13 14 15 16 17 18 19 20 21

10 11 12 13 14 15 16 17 18 19 20 21



3016x530 ⑯

2016x250 ⑭

2016x700 ⑬

2016x280 ⑮

3016x1200 ⑳

2016x250 ⑯

2016x250 ⑯

2016x280 ㉑

2016x1035 ㉓

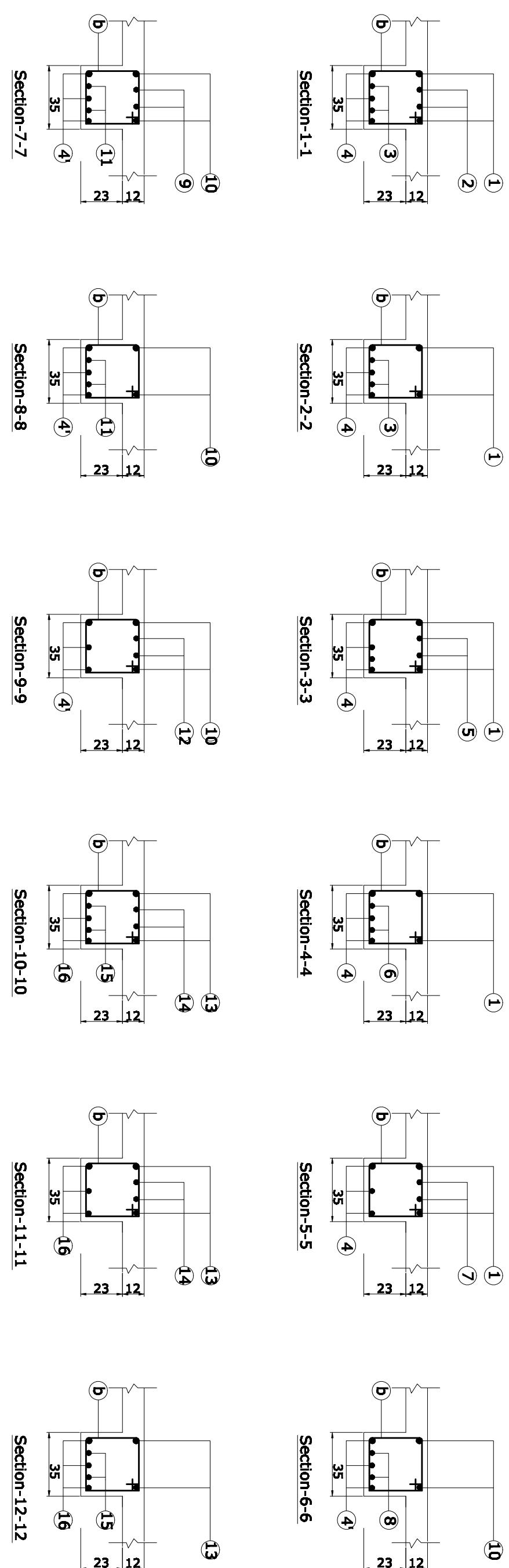
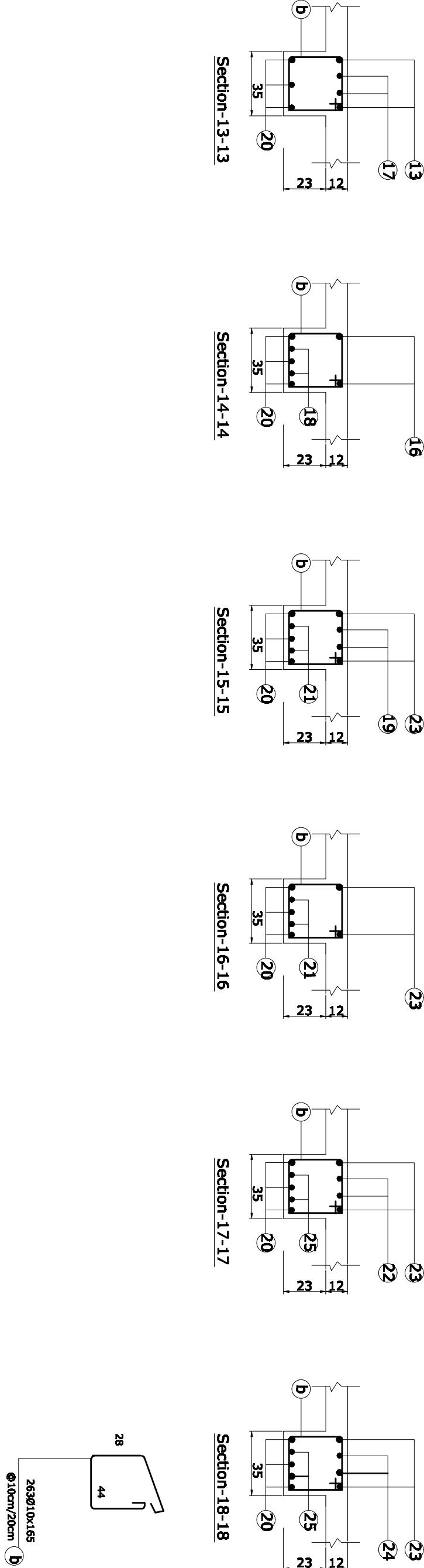
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2016x355 ㉕

2016x17024 ㉔

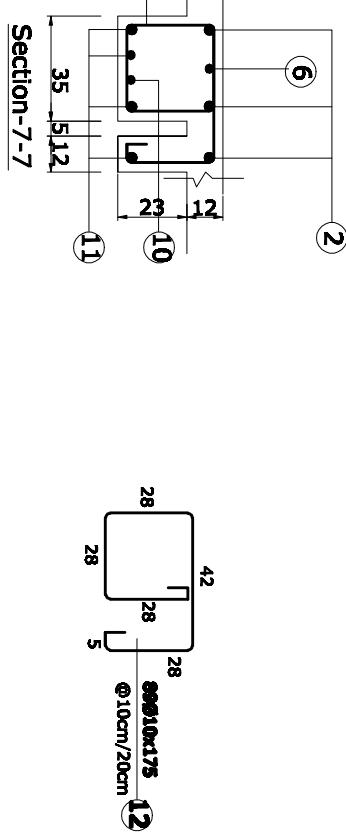
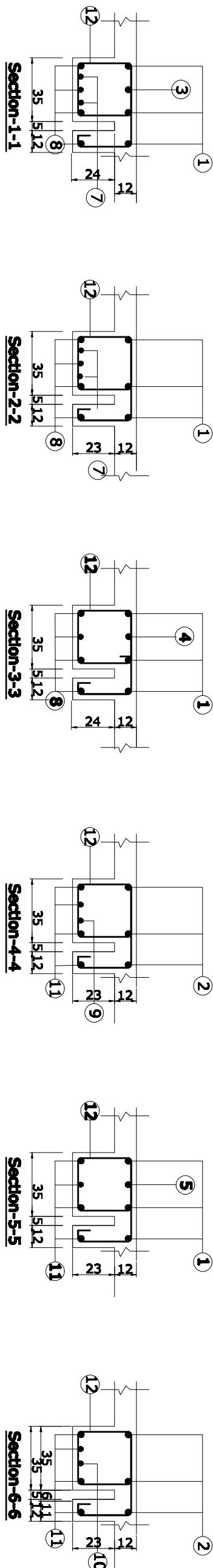
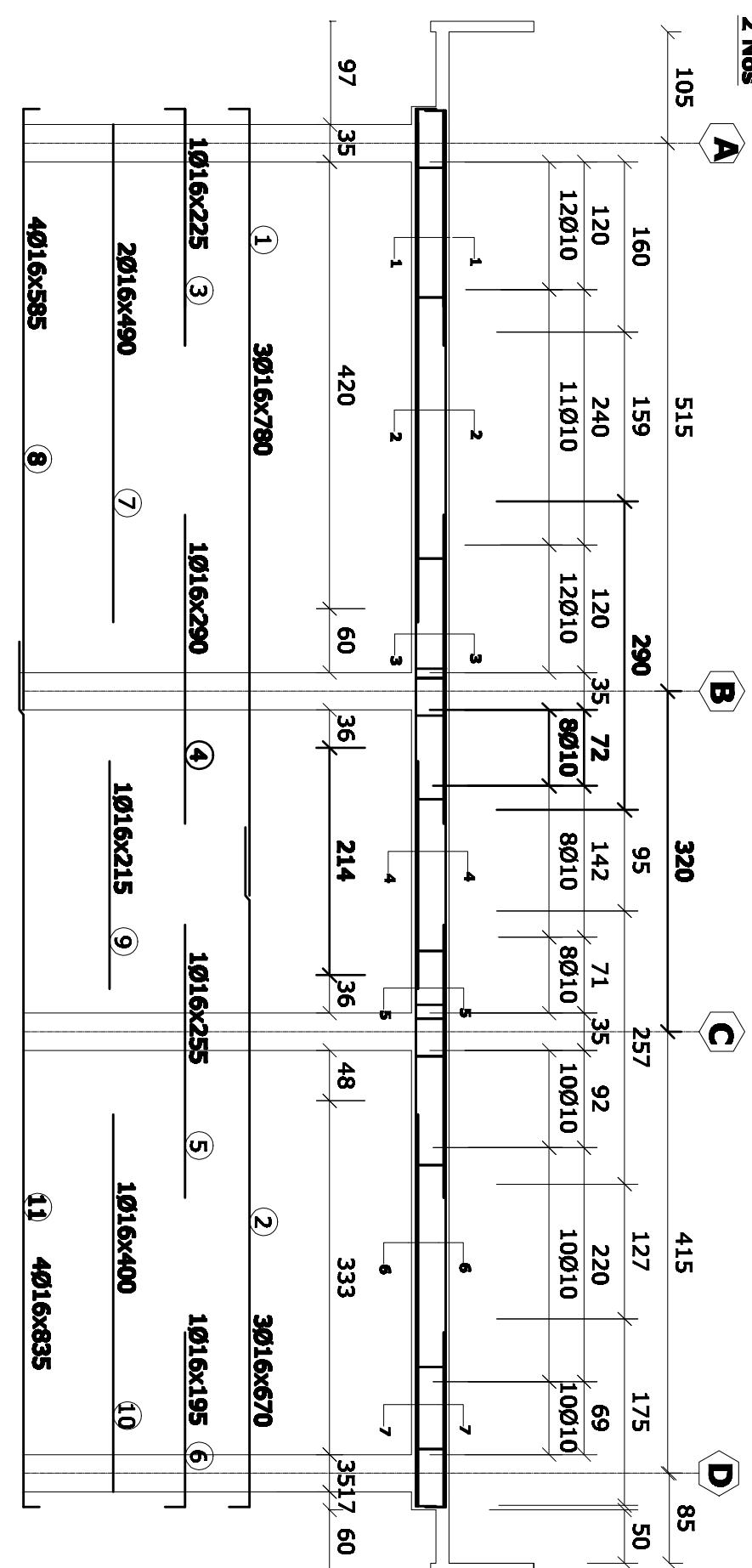
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SCALE 1:500	NUMBER CHC-STR-006	PROJECT NUMBER	PROJECT MANAGER	PROJECT DIRECTOR	NAME	INITL	DATE	PRODUCED BY	DESIGNED BY	CHECKED BY	APPROVALS	NAME	PHONE NUMBER	

CAD FILE	COMPREHENSIVE HEALTH CLINIC (CHC)					
SCALE	1:25	NO.	REVISION	REVISIONS	INITL.	SIG.
DRAWING NUMBER	CHC-ST-009	NAME	INITL.	DATE	DATE	DATE
PROJECT NUMBER	FRAME No-2 SECTIONS	PRODUCED BY	BaCEAG	COMPREHENSIVE HEALTH	ARCHITECT/ENGINEER	RECIPIENT
		DESIGNED BY	CLINIC	CONSULTATIVE	BaCEAG	MINISTRY OF PUBLIC
		CHECKED BY	ENGINEERING	ENGINEERING	CLINIC	HEALTH
		APPROVALS	& ARCHITECTURAL	& ARCHITECTURAL	& ARCHITECTURAL	AFGHANISTAN
		PROJECT MANAGER	KABUL - AFGHANISTAN	KABUL - AFGHANISTAN	KABUL - AFGHANISTAN	
		PROJECT DIRECTOR	Mobile: 009 200 000 , 000 000 000	Mobile: 009 200 000 , 000 000 000	Mobile: 009 200 000 , 000 000 000	



Frame No-3

2 Nos



Section-1-7-7

CAD FILE	COMPREHENSIVE HEALTH CLINIC (CHC)		REVISIONS		INITL.	SIG.	DATE	COMPREHENSIVE HEALTH	ARCHITECT/ENGINEER	CLIENT	RECIPIENT
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DRAWING	CHC-ST-01							Designed By Eng.A.Karim	CLINIC	HEALTH	
NUMBER								Checked By Eng.Murad	ENGINEERING	AFGHANISTAN	
PROJECT	FRAME NO-3							APPROVALS	& ARCHITECTURAL		
NUMBER								Project Manager	GROUP		
								Project Director	Health: 090 200 000 , 090 200 001		



Health: 090 200 000 , 090 200 001

Frame No-4

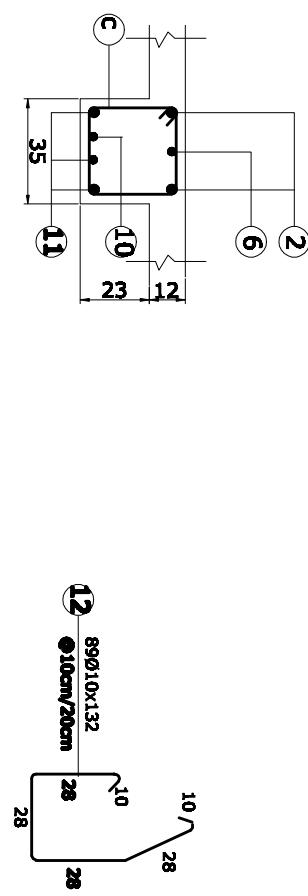
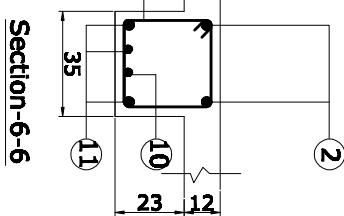
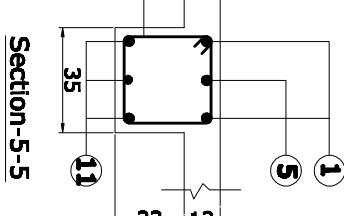
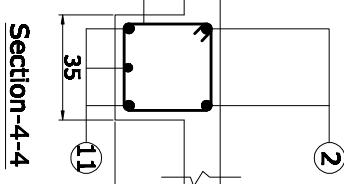
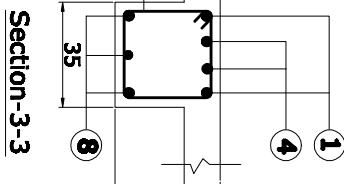
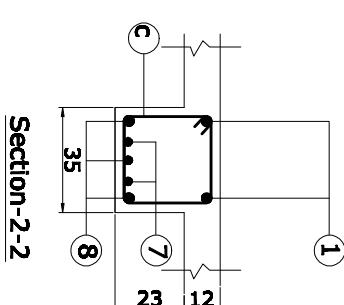
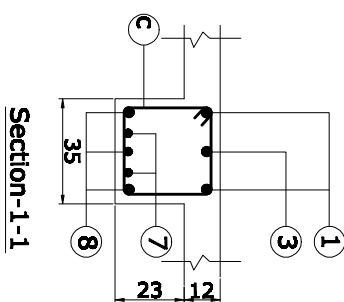
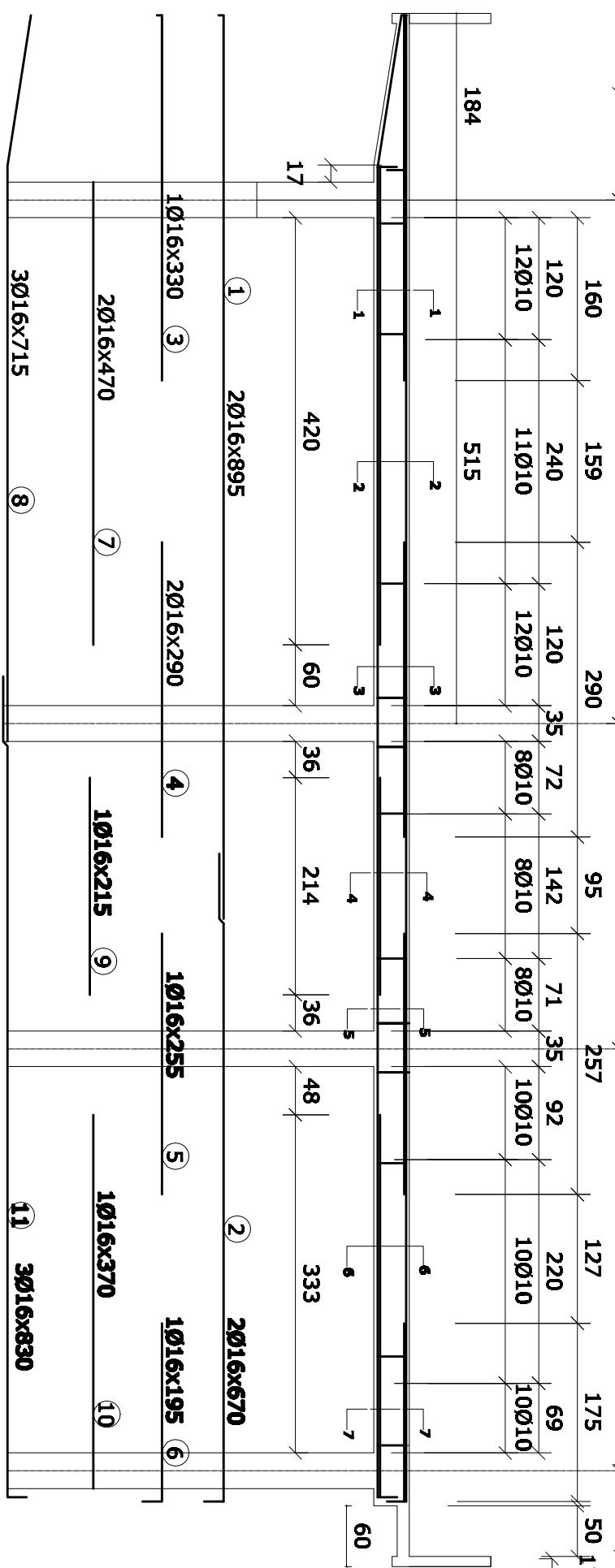
4 Nos

A

B

C

D



Section-7-7

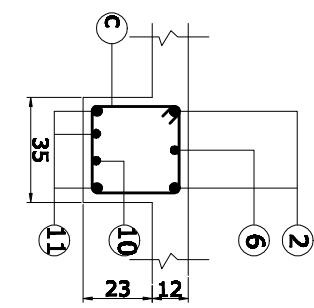
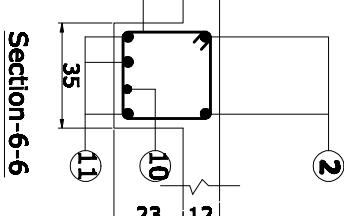
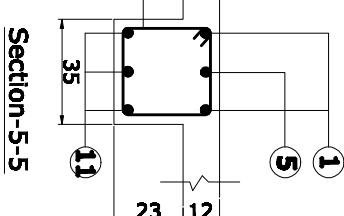
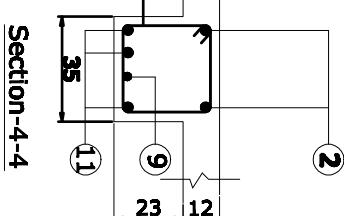
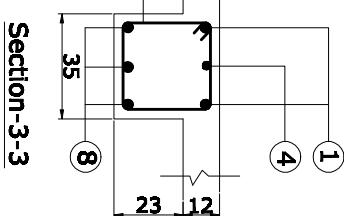
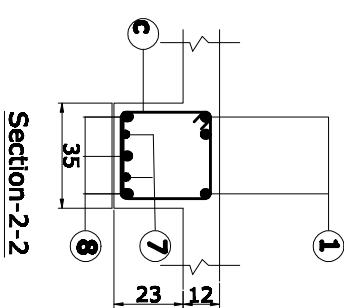
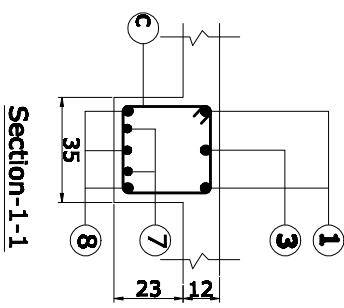
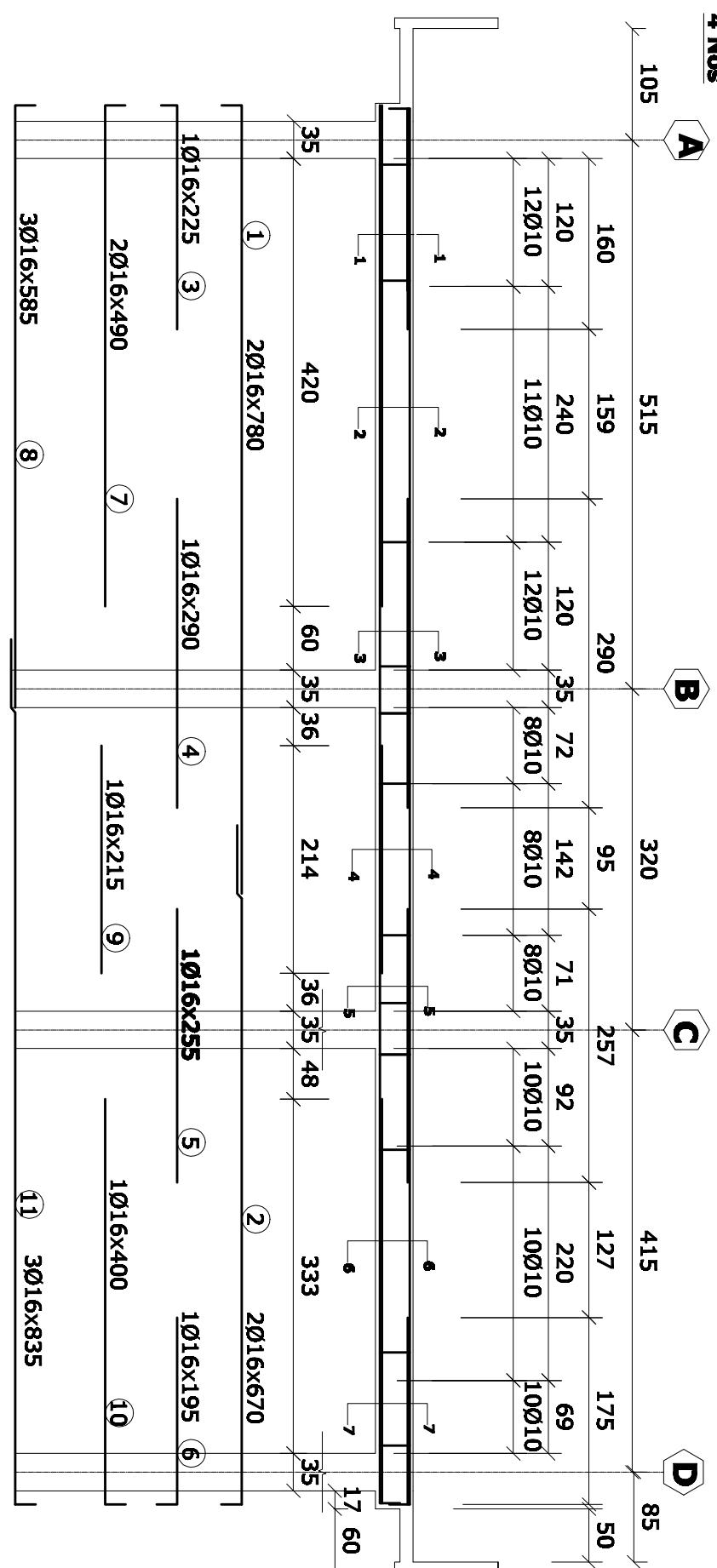
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SCALE	1:250, 1:50	NO.	NAME	INITL.	DATE	PRODUCED BY	DESIGNED BY	DATE	CLINIC	BaCEAG CONSULTATIVE ENGINEERING & ARCHITECTURAL GROUP	MINISTRY OF PUBLIC HEALTH	
DRAWING NUMBER	CHC-SIT-012					BeSEAG	Eng A.Karim	May-2008	(CHC)	KABUL - AFGHANISTAN	HEALTH	AFGHANISTAN
PROJECT NUMBER	FRAME NO-4					Eng.Murad		May-2008				
						APPROVALS						
						PROJECT MANAGER						
						PROJECT DIRECTOR						



www.baceag.com
Mobile: 0093 201 000 000 000

RECIPIENT
MINISTRY OF PUBLIC
HEALTH
AFGHANISTAN

Frame No-5



Section-7-7

Section-1-1

Section-2-2

Section-3-3

Section-4-4

Section-5-5

Section-6-6

CAD FILE	COMPREHENSIVE HEALTH CLINIC (CHC)	REVISION	INITL.	SIG.	DATE	COMPREHENSIVE HEALTH CLINIC (CHC)	ARCHITECT/ENGINEER	CLIENT	RECIPIENT
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DRAWING NUMBER	CHC-ST-013	REVISION	NAME	DATE	DESIGNED BY	CLINIC CONSULTATIVE ENGINEERING & ARCHITECTURAL GROUP	May-2008	HEALTH	
PROJECT NUMBER	FRAME NO-5	NAME	INITL.	DATE	CHECKED BY	Eng.A.Karim	May-2008	AFGHANISTAN	
		APPROVALS	PROJECT MANAGER	DATE	APPROVED BY	Eng.Murad	May-2008	Ministry of Public Health, Afghanistan Mobile: 009 202 000, 000 201 000	



BaCEAG
CONSULTATIVE
ENGINEERING
& ARCHITECTURAL
GROUP

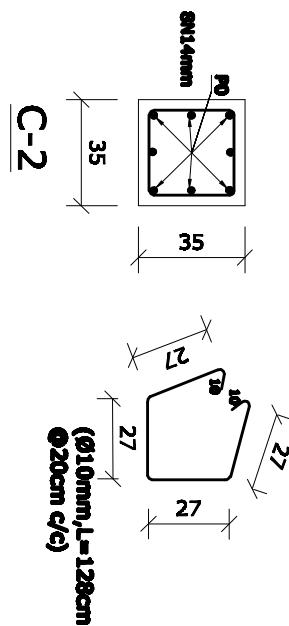
KABUL - AFGHANISTAN
Mobile: 009 202 000, 000 201 000

Ministry of Public Health, Afghanistan
Mobile: 009 202 000, 000 201 000

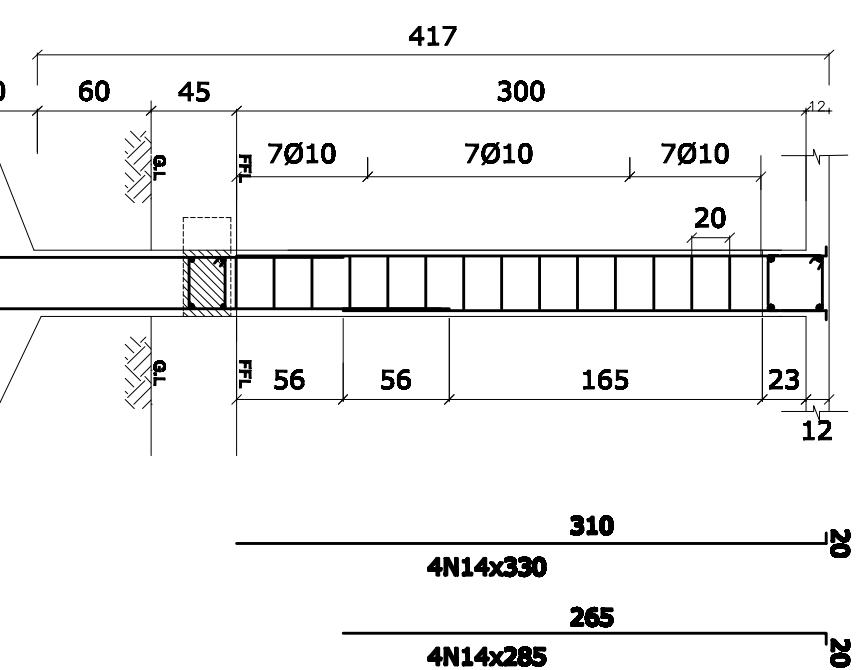
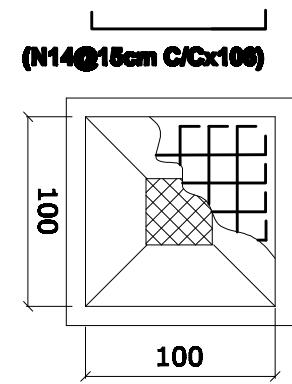
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PROJECT NUMBER		PRODUCED BY	BaCEAG	COMPREHENSIVE HEALTH	ARCHITECT/ENGINEER	
		DESIGNED BY	Eng A.Karim	CLINIC	BaCEAG	
		CHECKED BY	Eng.Murad	CONSULTATIVE ENGINEERING	CONSULTATIVE ENGINEERING	
		APPROVALS		& ARCHITECTURAL GROUP	& ARCHITECTURAL GROUP	
		PROJECT MANAGER		MINISTRY OF PUBLIC HEALTH	CLIENT	RECIPIENT
		PROJECT DIRECTOR		AFGHANISTAN		

KABUL - AFGHANISTAN
BaCEAG CONSULTATIVE ENGINEERING & ARCHITECTURAL GROUP
Mobile: 009 201 000, 090 201 000

COLUMN & FOOTINGS

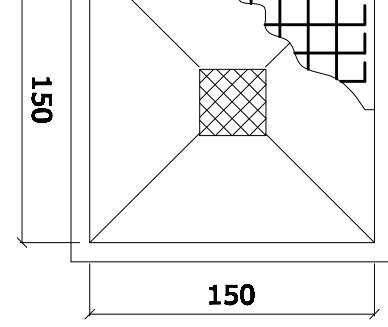


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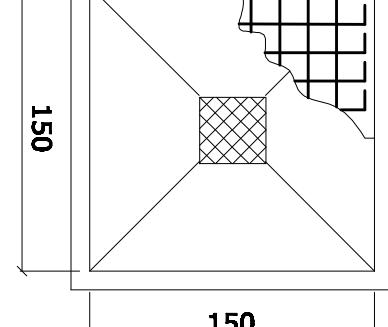
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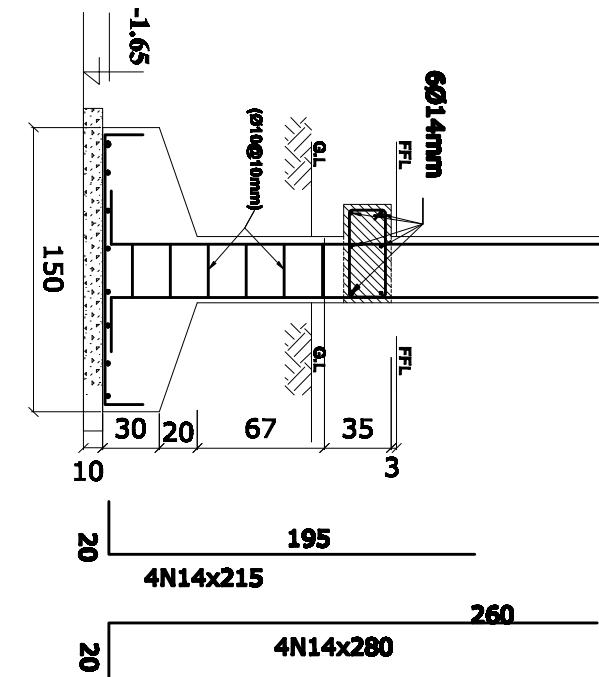
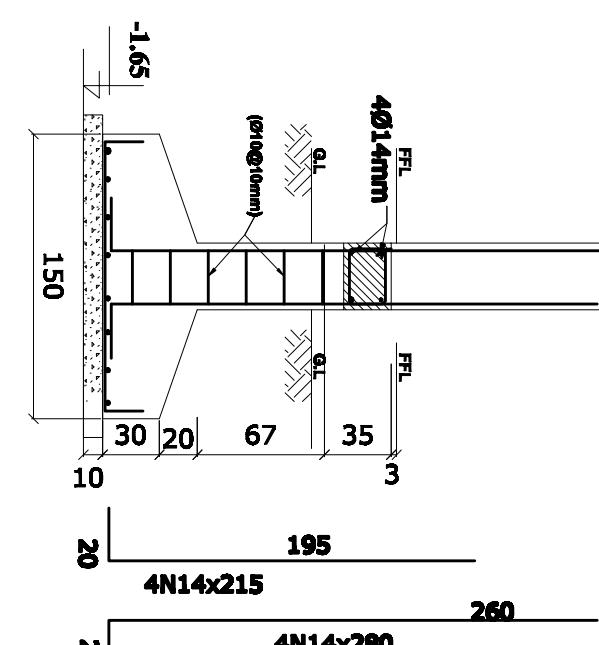
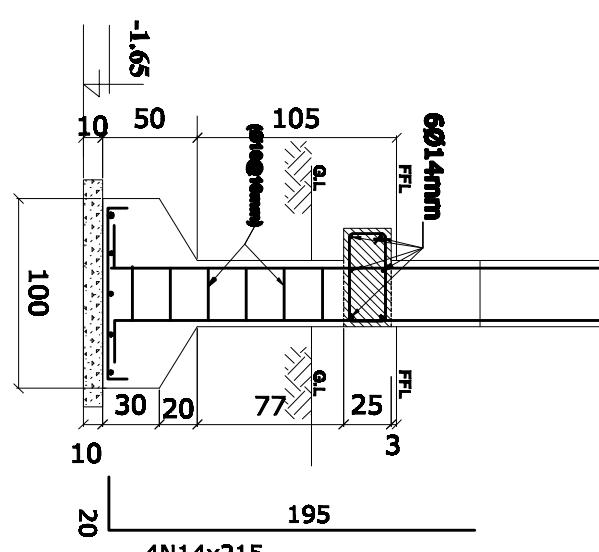


(N14@15cm C/Cx150)

Footing No-2a



(N14@15cm C/Cx150)



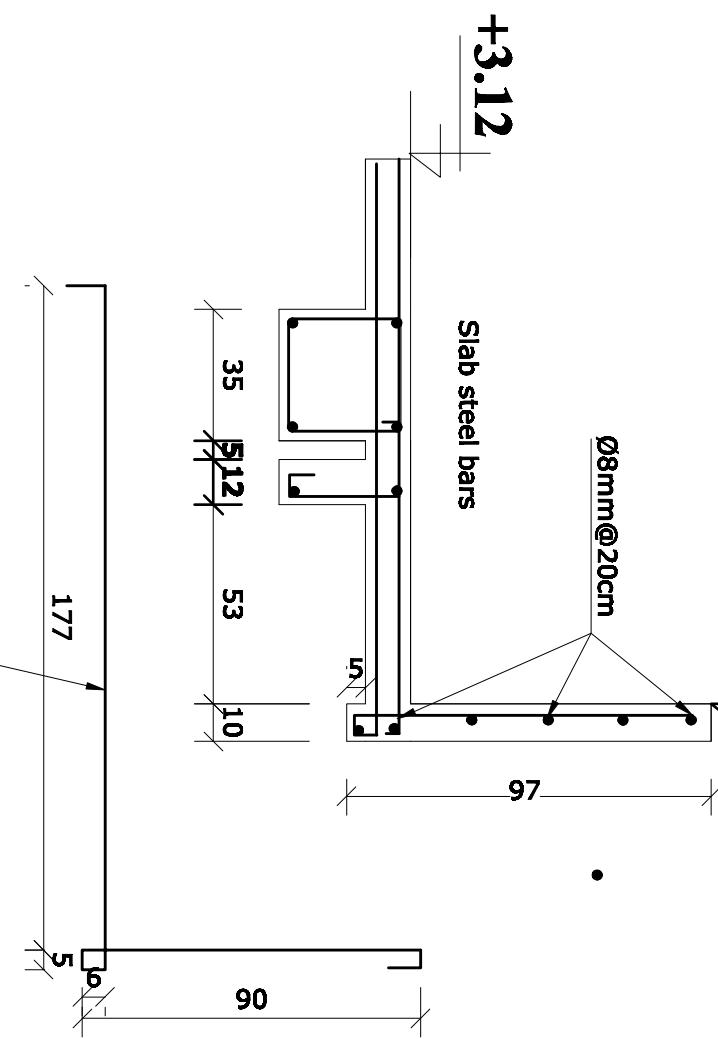
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+3.92

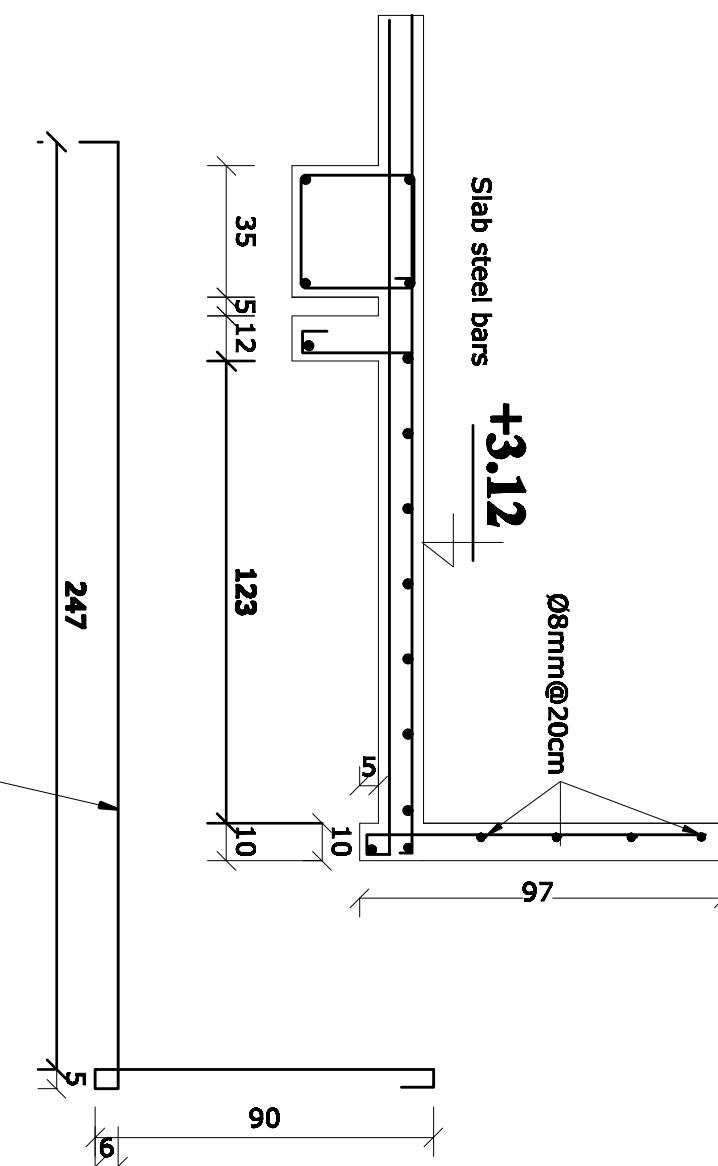
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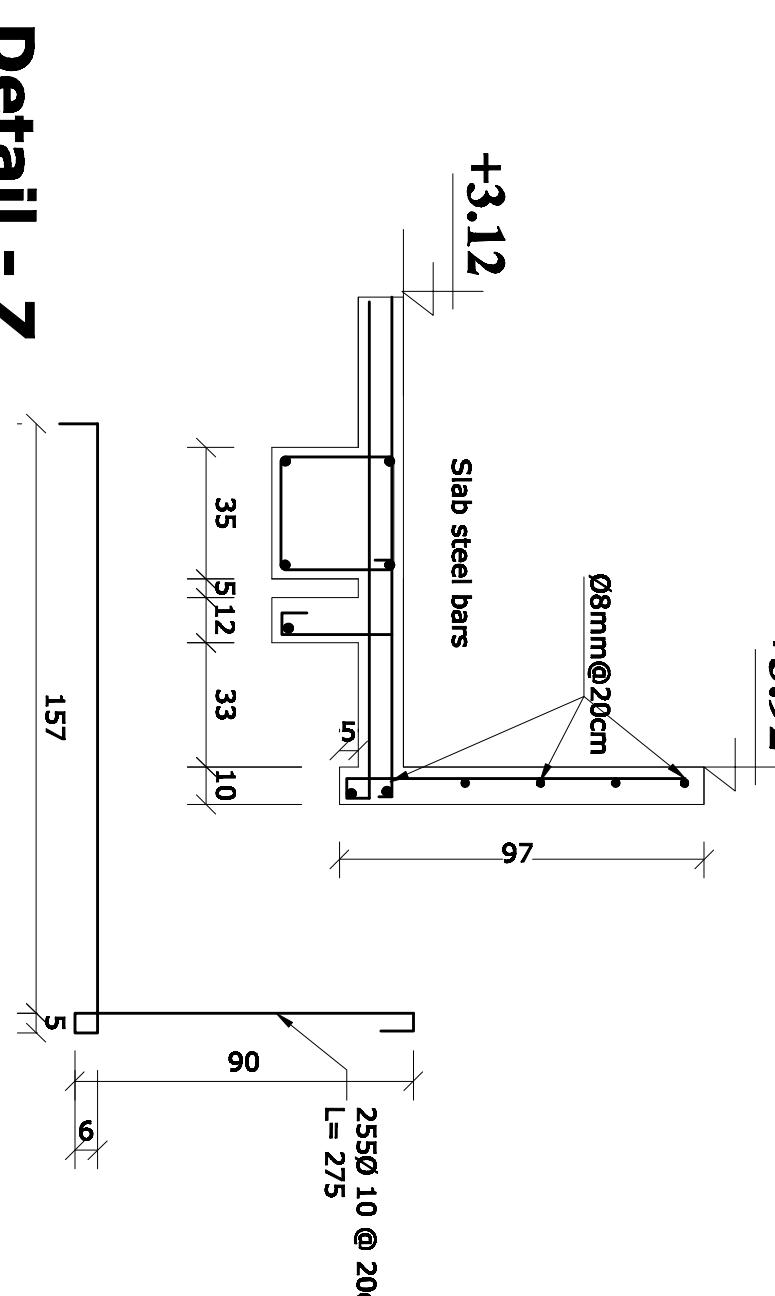
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Detail - Y



Detail - X

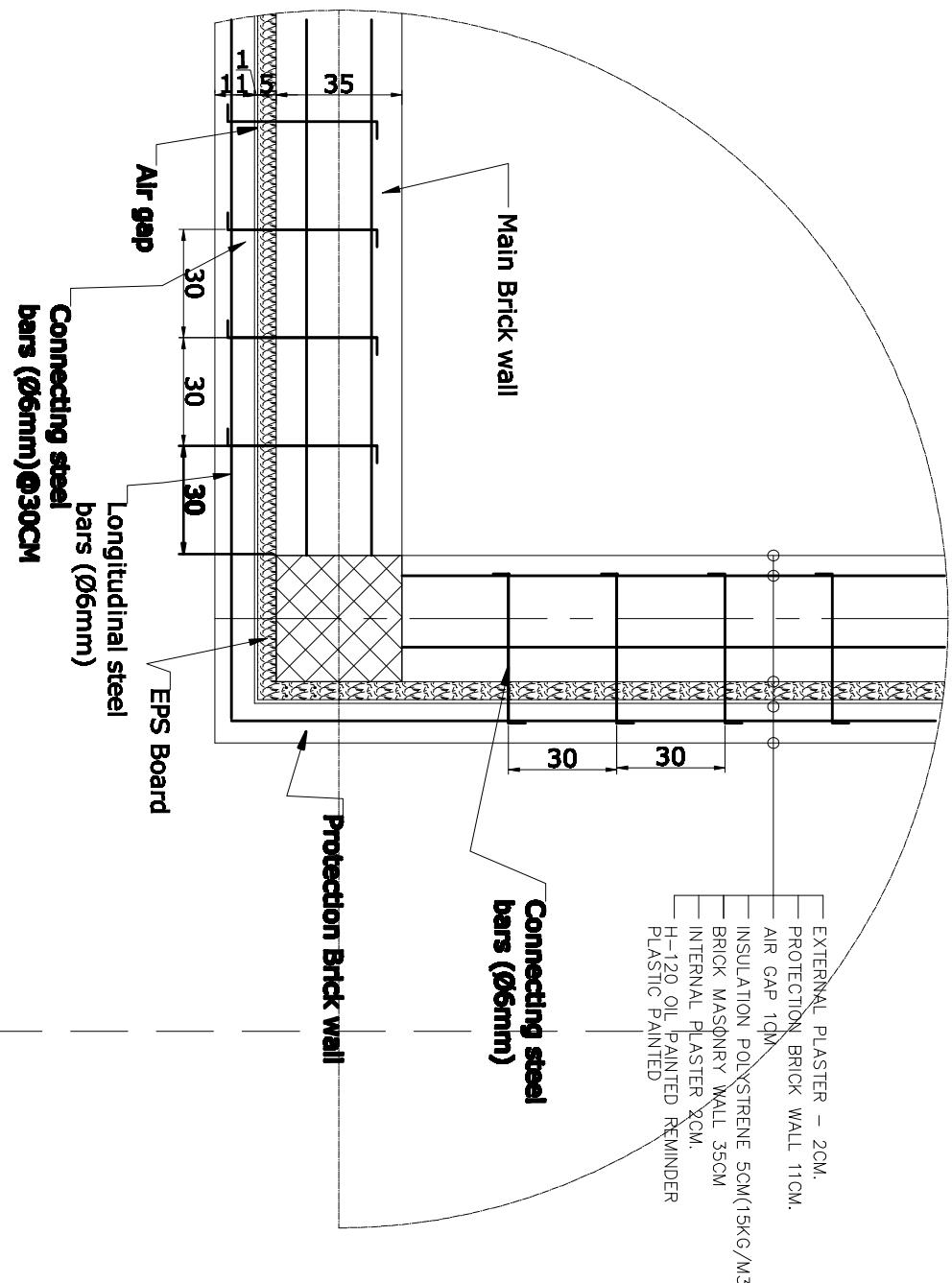


Detail - Z

DETAILS		REVISIONS						INITL.	SIG.	DATE	COMPREHENSIVE HEALTH CLINIC (CHC)		ARCHITECT/ENGINEER	CLIENT	
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CHC-ST-015	1:25						BoDEG	Eng.A.Karin	Eng.Murad						
PROJECT NUMBER															

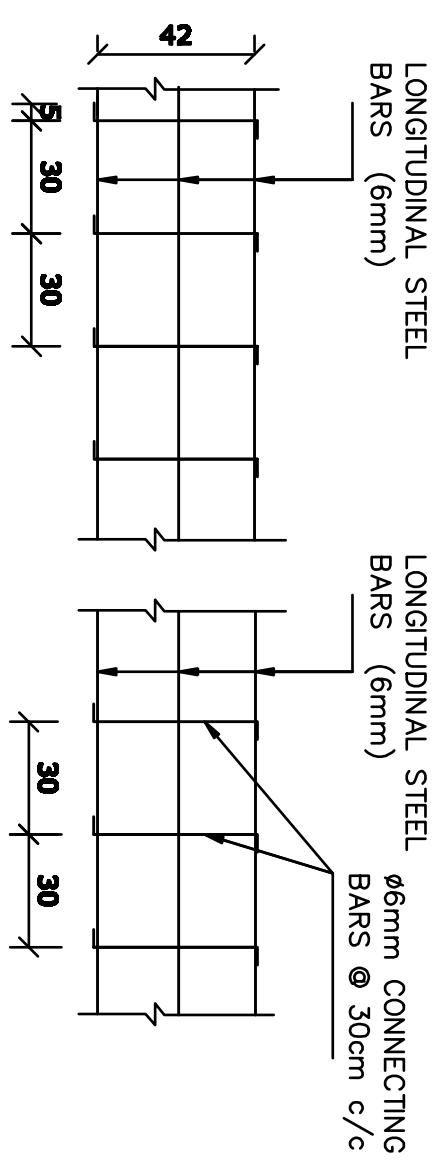
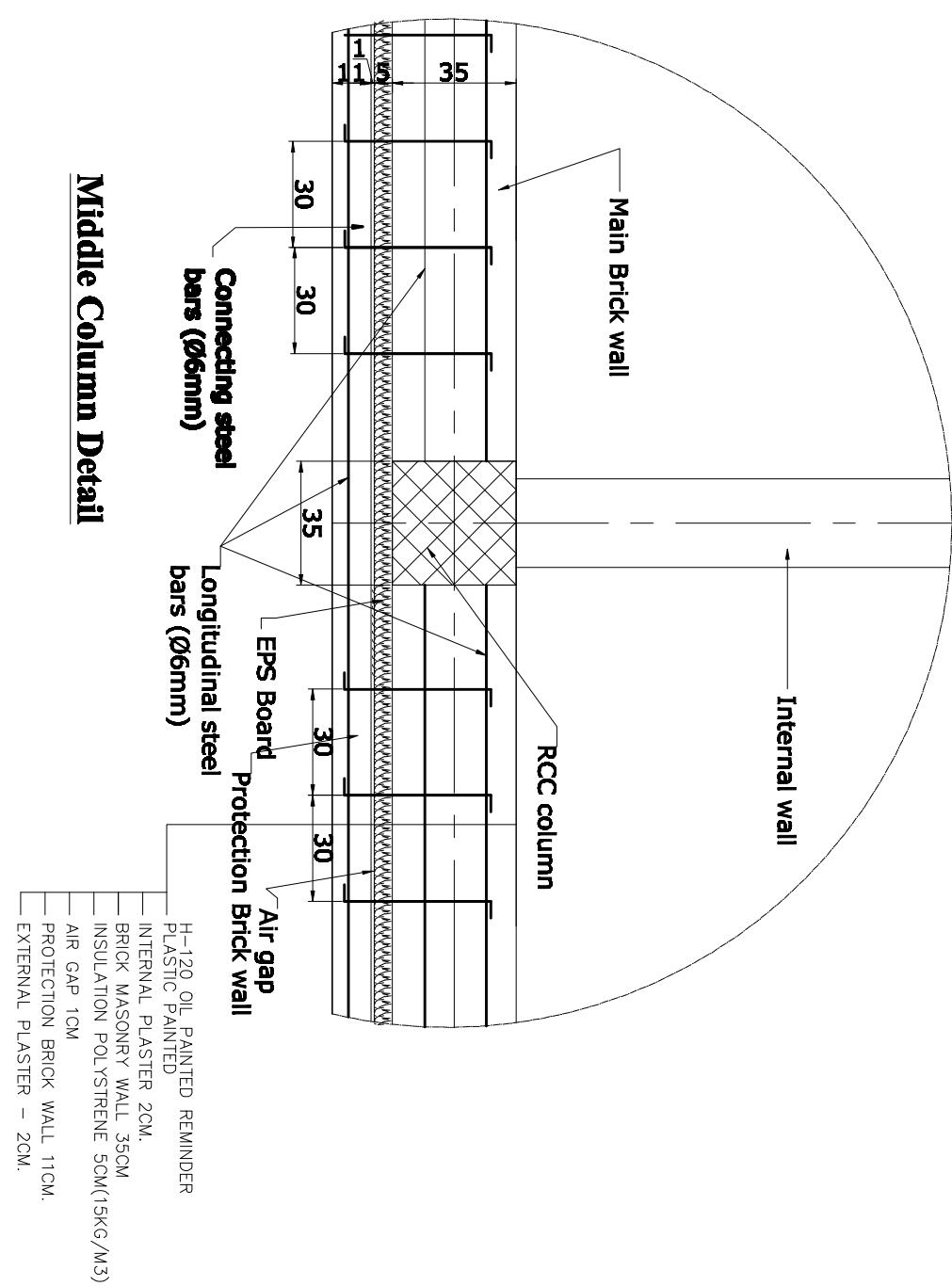
1 DETAILS
SCALE :1/25

1 DETAILS
SCALE :1/25



Corner Column Detail

Middle Column Detail



Connection Steel Bars Structure Detail

CASE FILE	REVISIONS	INITL.	SIG.	DATE	COMPREHENSIVE HEALTH	ARCHITECT/ENGINEER	CLIENT	RECIPIENT
SCALE	NO.	REVISON	NAME	INITL. DATE	PRODUCED BY	BACEAG	MINISTRY OF PUBLIC	
1:25					BoDEG	CONSULTATIVE	HEALTH	
DRAWING	CHC-ST-016				Eng.Karin	CLINIC	AFGHANISTAN	
NUMBER					May-2008	ENGINEERING & ARCHITECTURAL		
PROJECT					May-2008	GROUP		
NUMBER						KABUL - AFGHANISTAN		
						Multi Disciplinary		
						Health care design		
						Health care design		

NOTES: 1

1 - ALL DIMENSIONS ARE IN CM.

2 - ALL LEVELS ARE IN CM..

3 - RCC CONCRETE

4 - PARTITION WALL

5 - BRICK WALL

6 - COMPACT SOIL

7 - PCC CONCRETE

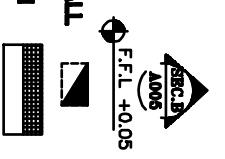
8 - CERAMIC AND MARBLE TILES

9 - SECTION AND
ELEVATION DIRECTION

10 - LEVELS

11 - CHIMNEY'S LOCATION IN WALL

12 - STOVES LOCATION IN ROOM



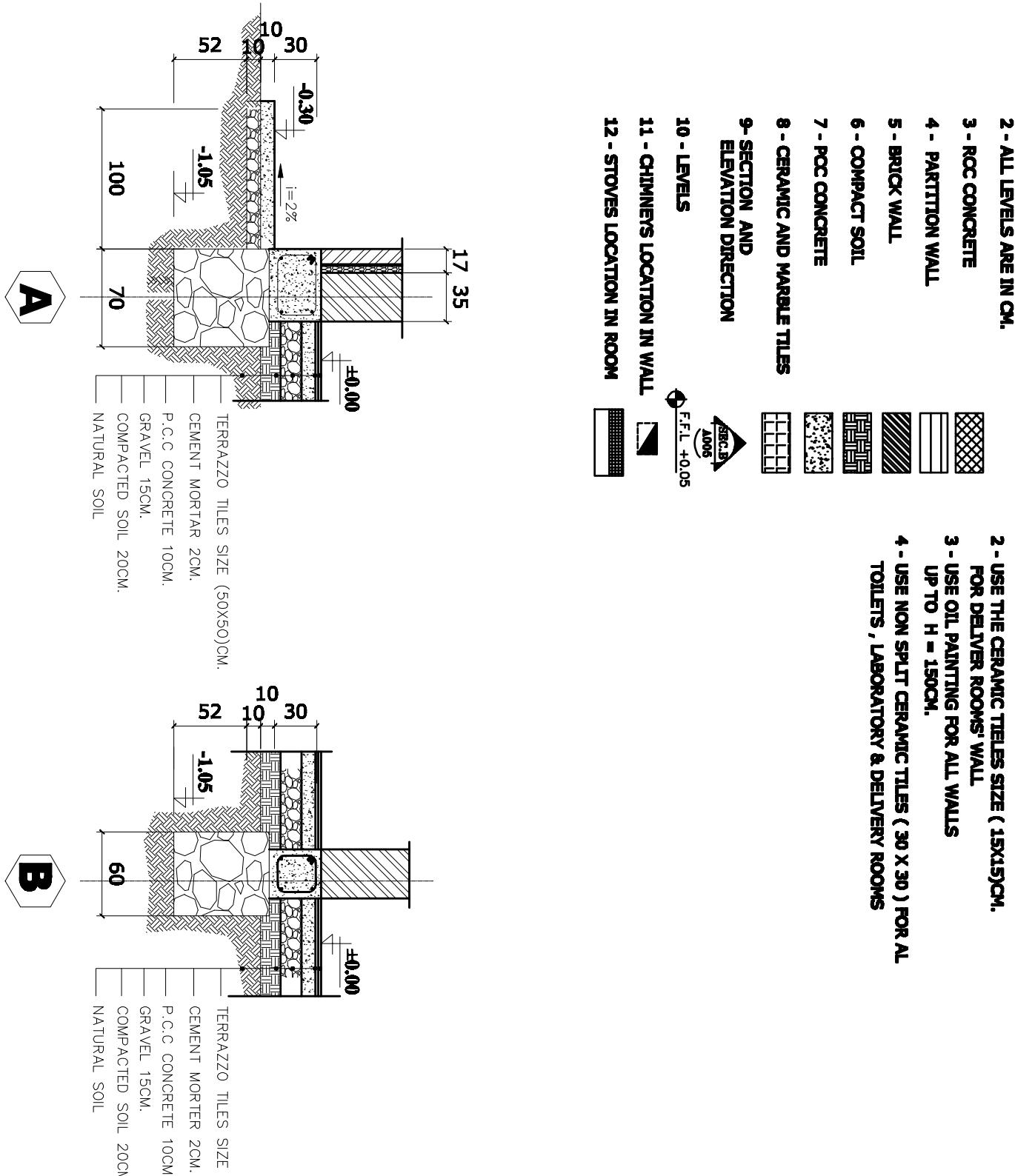
NOTES: 2

1 - USE THE TERRAZZO TILES SIZE (30X30)CM.
FOR ALL CORRIDOR AND OFFICES

2 - USE THE CERAMIC TILES SIZE (15X15)CM.
FOR DELIVER ROOMS' WALL

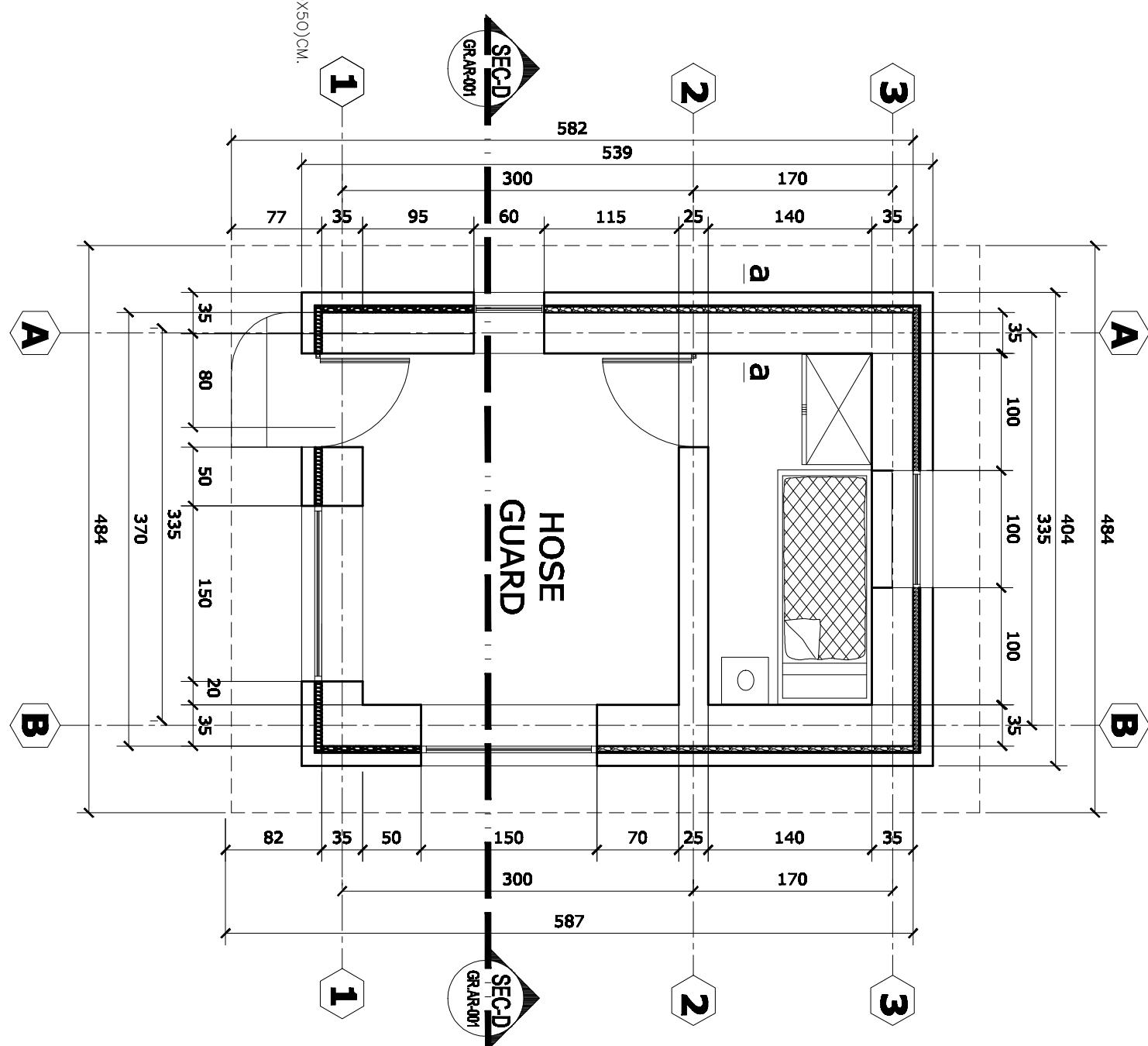
3 - USE OIL PAINTING FOR ALL WALLS
UP TO H = 150CM.

4 - USE NON SPLIT CERAMIC TILES (30 X 30) FOR ALL
TOILETS, LABORATORY & DELIVERY ROOMS



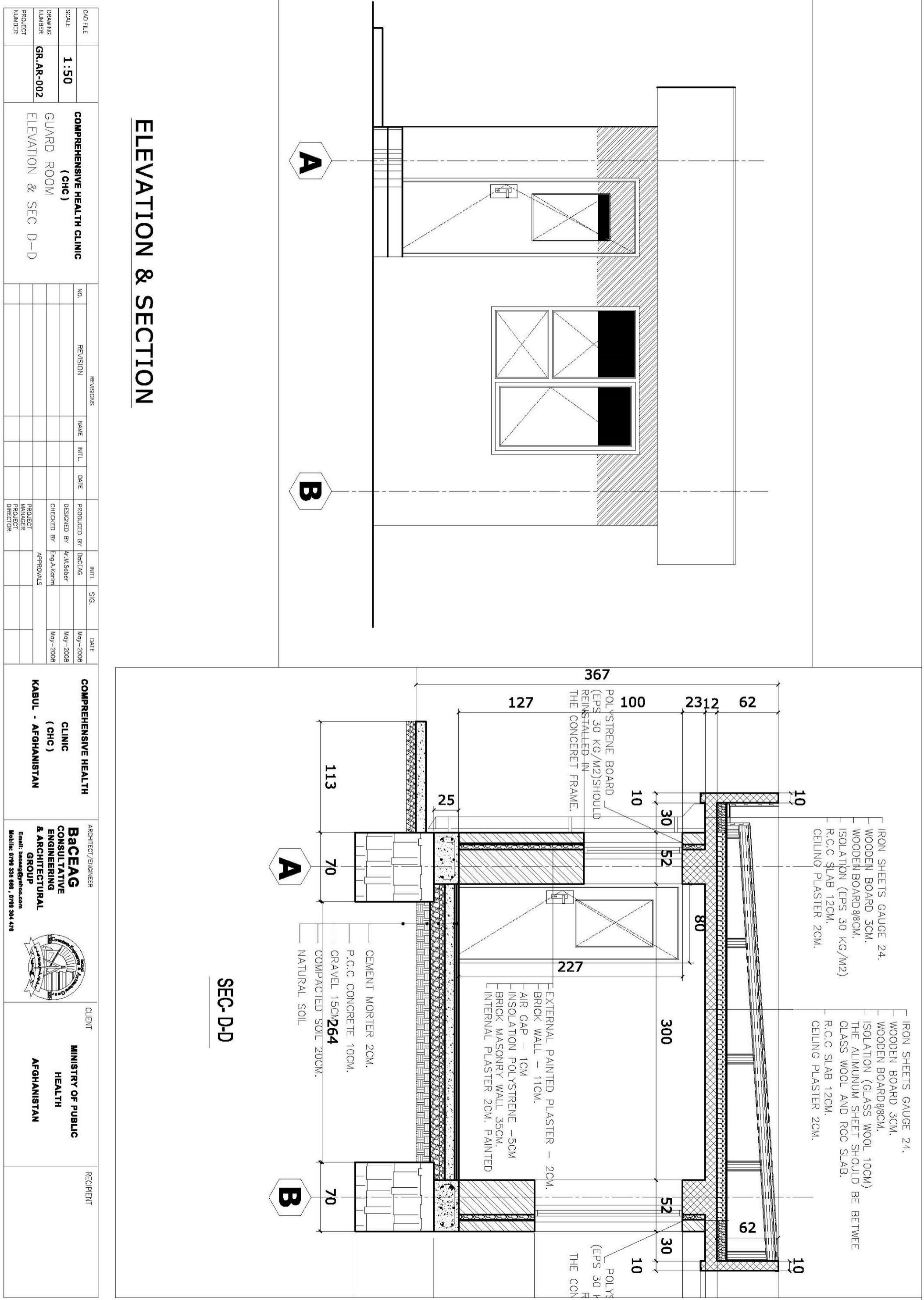
Internal wall Section

GUARD ROOM PLAN



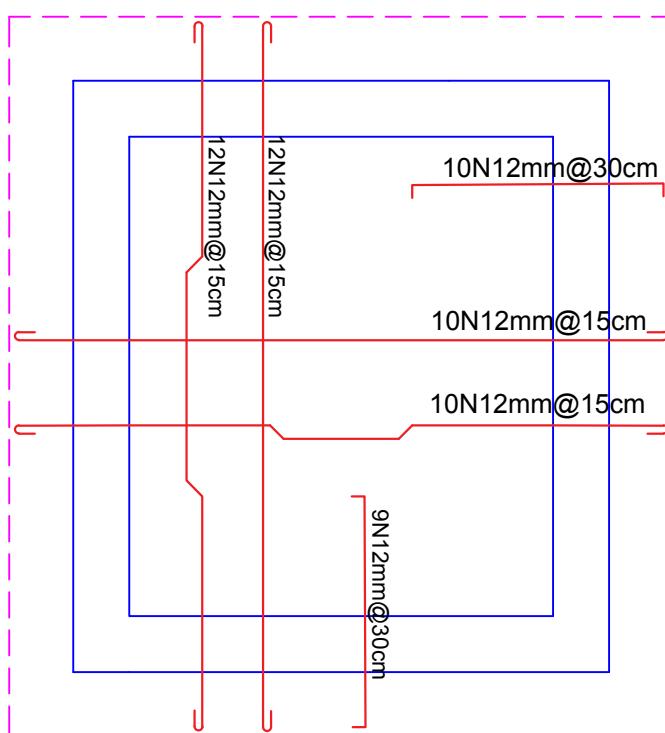
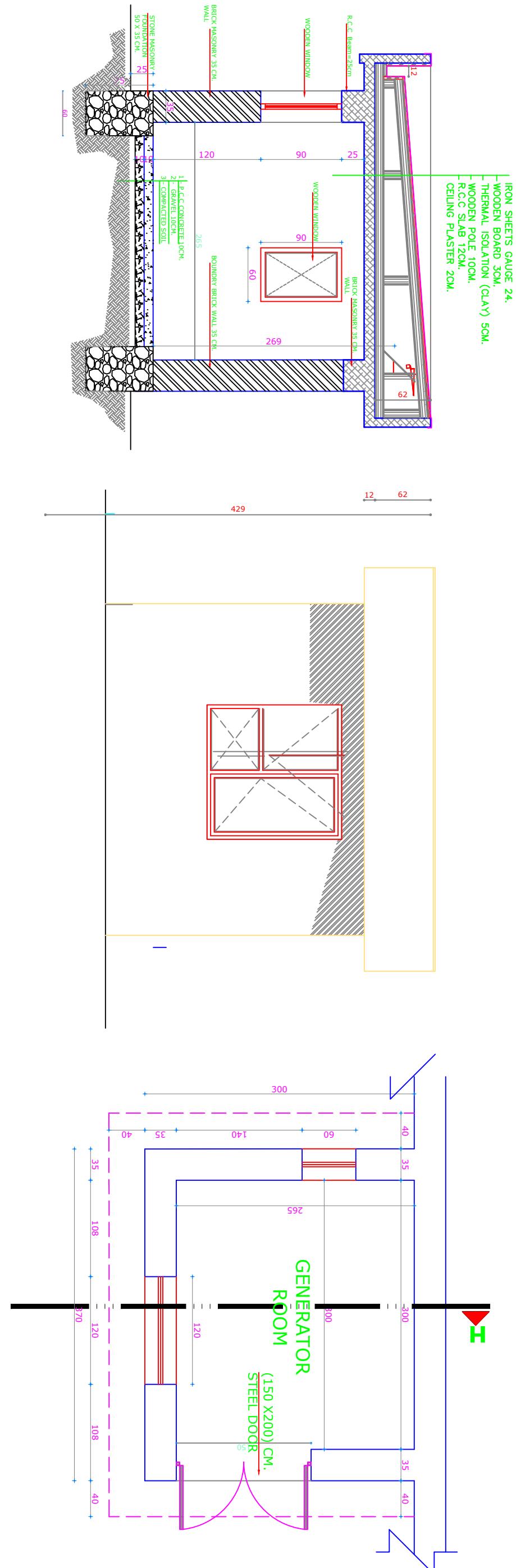
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SCALE					May-2003				
DRAWING NUMBER	GR.AR-001				May-2003				
PROJECT NUMBER					May-2003				

ELEVATION & SECTION



Plan & section of Generator Room for CHC

S I:100



**KANDAHAR
BHC PROJECT**

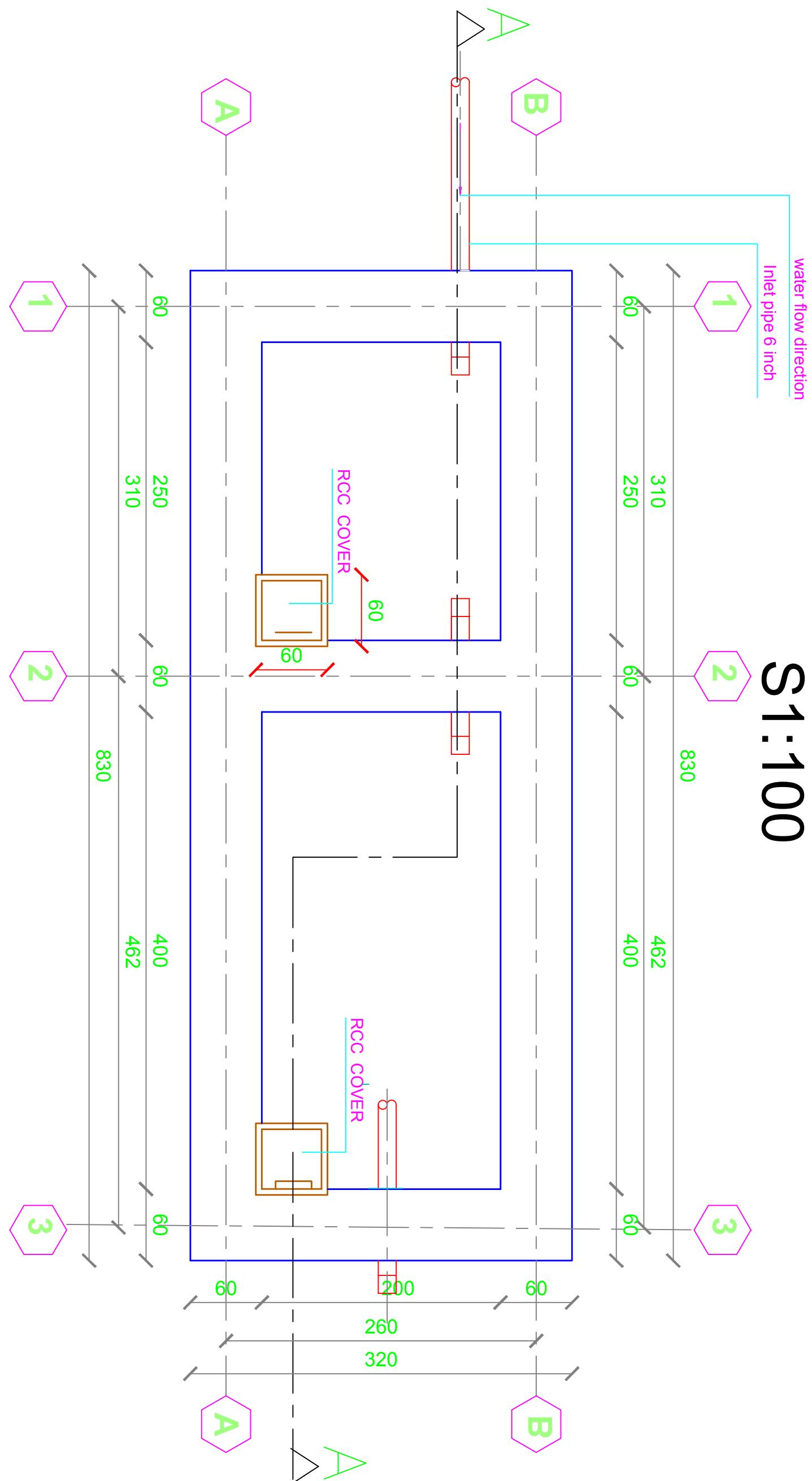
The UN Refugee Agency

- Note:**
- 1-All dimension are in centimeters.
 - 2-PCC shall be (1:2:4).
 - 3-Mortar for stone masonry shall be (1:4).
 - 4-Mortar for stone masonry shall be (1:3).
 - 5-RCC shall be (1:1.5:3).
 - 6-All steel bars should be not eroded or lubricated and has to be clean.
 - 7-All steel bars should be Class(A1) Ra = 2100 Kg/cm².
 - 8-The curing must be not less than (28) days.

Drawn By:	Designed By:	Checked By:	Review By:	Approved By:	Sheet No:
Name Eng.Amir M.	Eng.Amir M.				00 of 00
Sign					Scales:
Date					1:100

PLAN OF SEPTIC TANK

S1:100

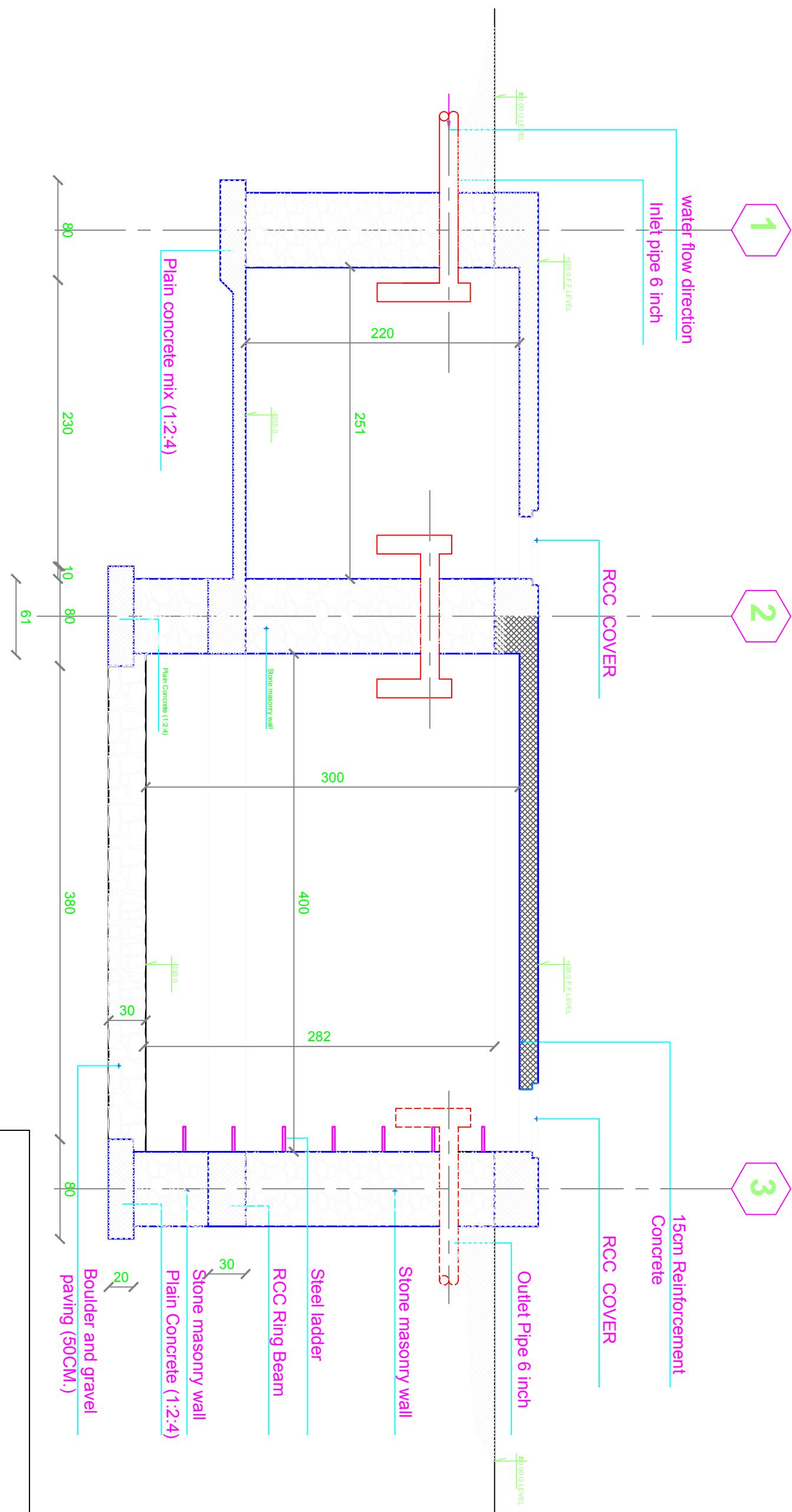


UNHCR | Afghanistan
KANDAHAR
CHC-PROJECT

Drawn By:	Designed By:	Checked By:	Review By:	Approved By:	Sheet No:
Name Eng.Amir M.	Eng.Amir M.				00 of 00
Sign					Scales:
Date					1:100

SEPTIC TANK SECTION A-A

S1:100

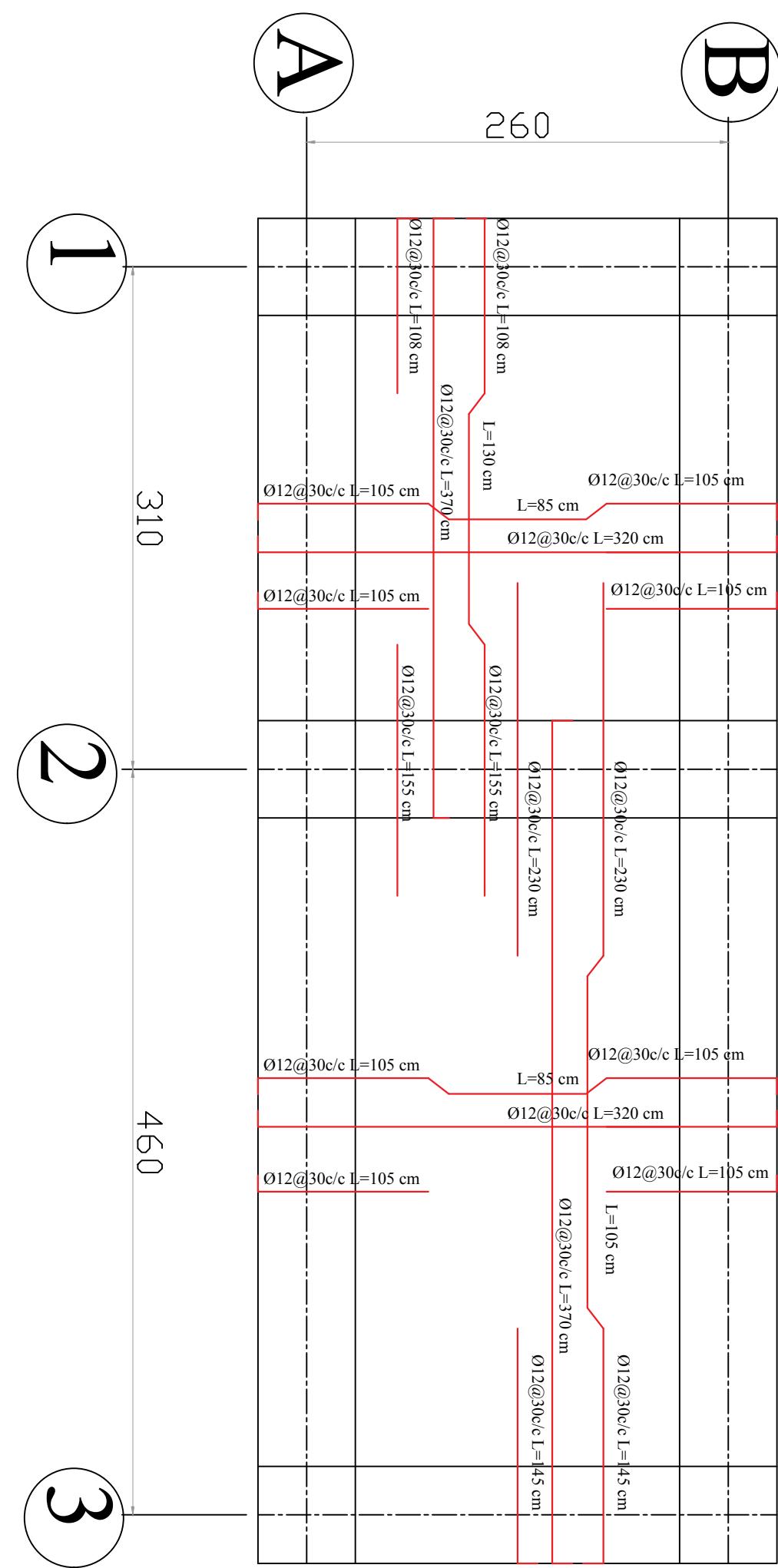


 **UNHCR** | Afghanistan
The UN Refugee Agency

KANDAHAR CHC- PROJECT


UNHCR | The UN Refugee Agency
KANDAHAR
CHC- PROJECT

Bar Bending Schedule Of Septic Tank Slab



UNHCR | Afghanistan
The UN Refugee Agency

**KANDAHAR
CHC-PROJECT**

Drawn By:	Designed By:	Checked By:	Review By:	Approved By:	Sheet No:
Name Eng.Amir M.	Eng.Amir M.				00 of 00
Sign					Scales:
					1:100

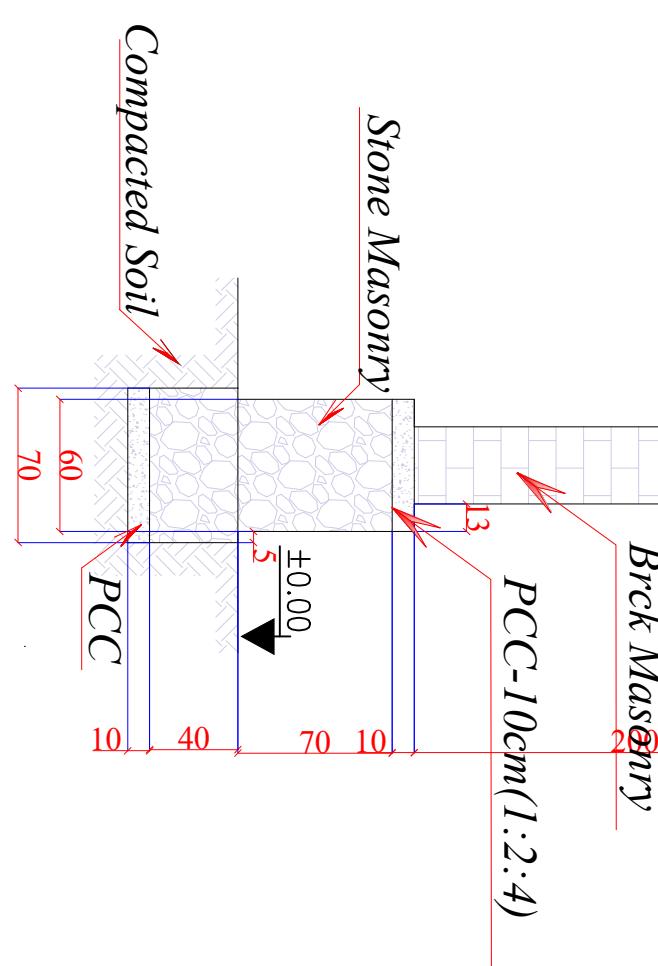
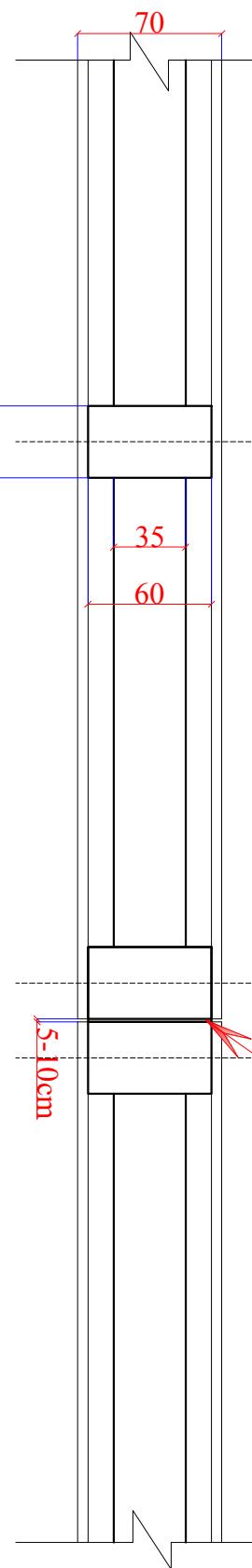
Boundary wall for CHC building

Section A-A

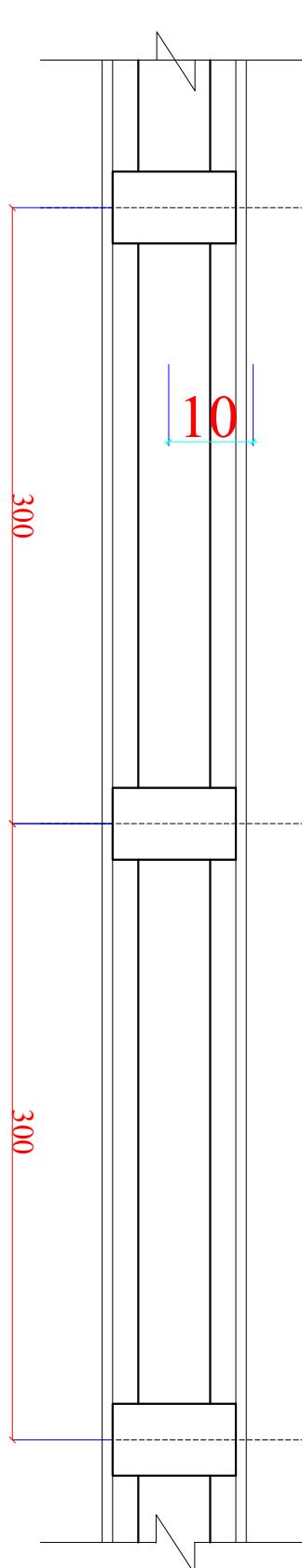
SCALE 1:100

Expansion joint $l=5-10\text{cm}$

SCALE 1:100



Length of Brick, stone masonry boundary wall = 360m



UNHCR
The UN Refugee Agency
Afghanistan
KANDAHAR
CHC PROJECT

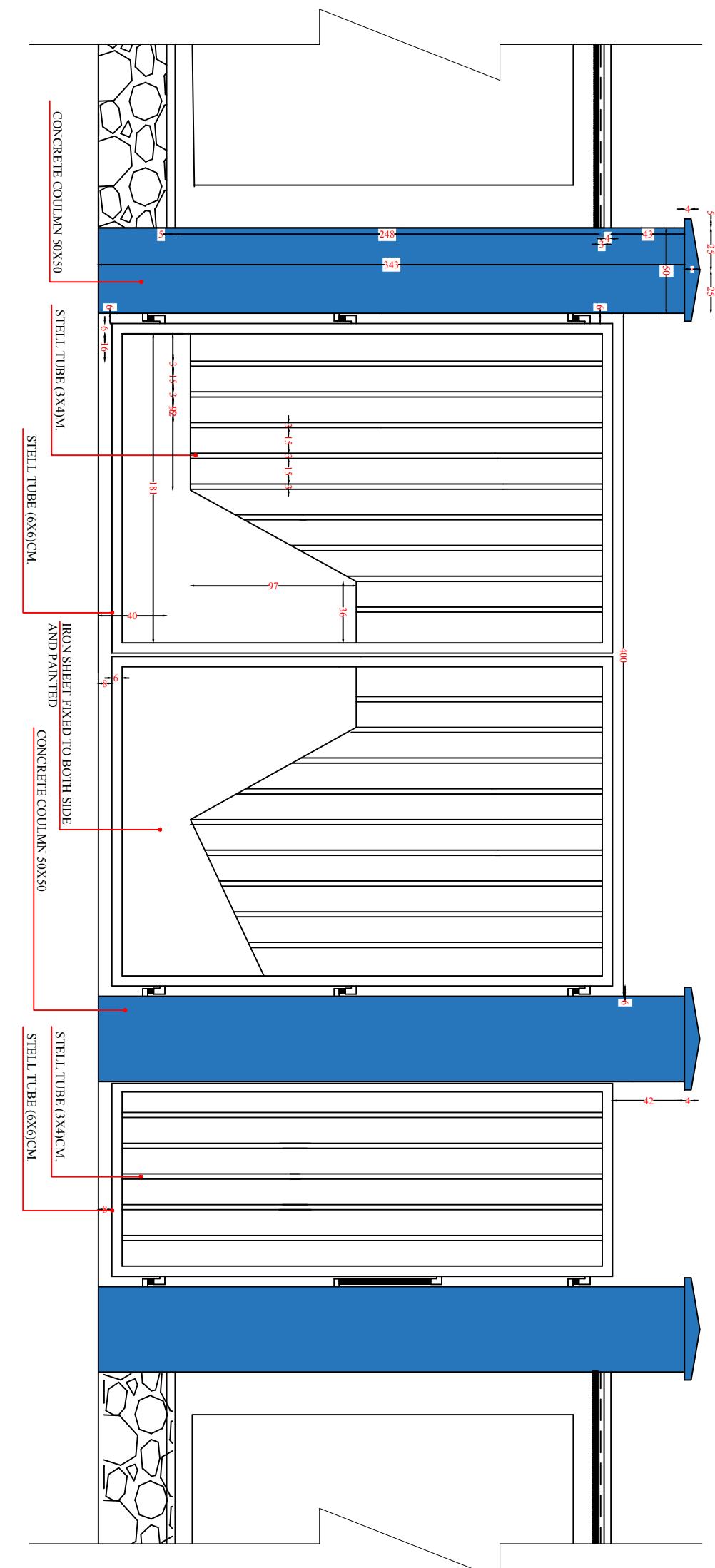
Note:
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2-PCC shall be (1:2:4).
3-Mortar for stone masonry shall be (1:4).
4-Mortar for stone masonry shall be (1:3).
5-RCC shall be (1:1.5:3).
6-All steel bars should be not eroded or lubricated and has to be clean.
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8-The curing must be not less than (28) days.

Drawn By:	Designed By:	Checked By:	Review By:	Approved By:	Sheet No:
Name Eng.Amir M.	Eng.Amir M.				00 of 00
Sign					Scales:
Date					1:100

Boundary wall CHC building

Main & Small Steel gate of Boundary wall

SCALE 1:100



KANDAHAR CHC PROJECT



KANDAHAR CHC PROJECT

- Note:**
- 1-All dimension are in centimeters.
 - 2-PCC shall be (1:2:4).
 - 3-Mortar for stone masonry shall be (1:4).
 - 4-Mortar for stone masonry shall be (1:3).
 - 5-RCC shall be (1:1.5:3).
 - 6-All steel bars should be not eroded or lubricated and has to be clean.
 - 7-All steel bars should be Class(A1) Ra= 2100 Kg/cm².
 - 8-The curing must be not less than (28) days.

Drawn By:	Designed By:	Checked By:	Review By:	Approved By:	Sheet No:
Name Eng.Amir M.	Eng Amir M.				00 of 00
Sign					Scales:
Date					1:100

NOTES: 1

1 - ALL DIMENSIONS ARE IN CM.

2 - ALL LEVELS ARE IN CM.

3 - RCC CONCRETE

4 - PARTITION WALL

5 - BRICK WALL

6 - COMPACT SOIL

7 - PCC CONCRETE

8 - CERAMIC AND MARBLE TILES

9 - SECTION AND ELEVATION DIRECTION

10 - LEVELS

11 - CHIMNEY'S LOCATION IN WALL

12 - STOVES LOCATION IN ROOM

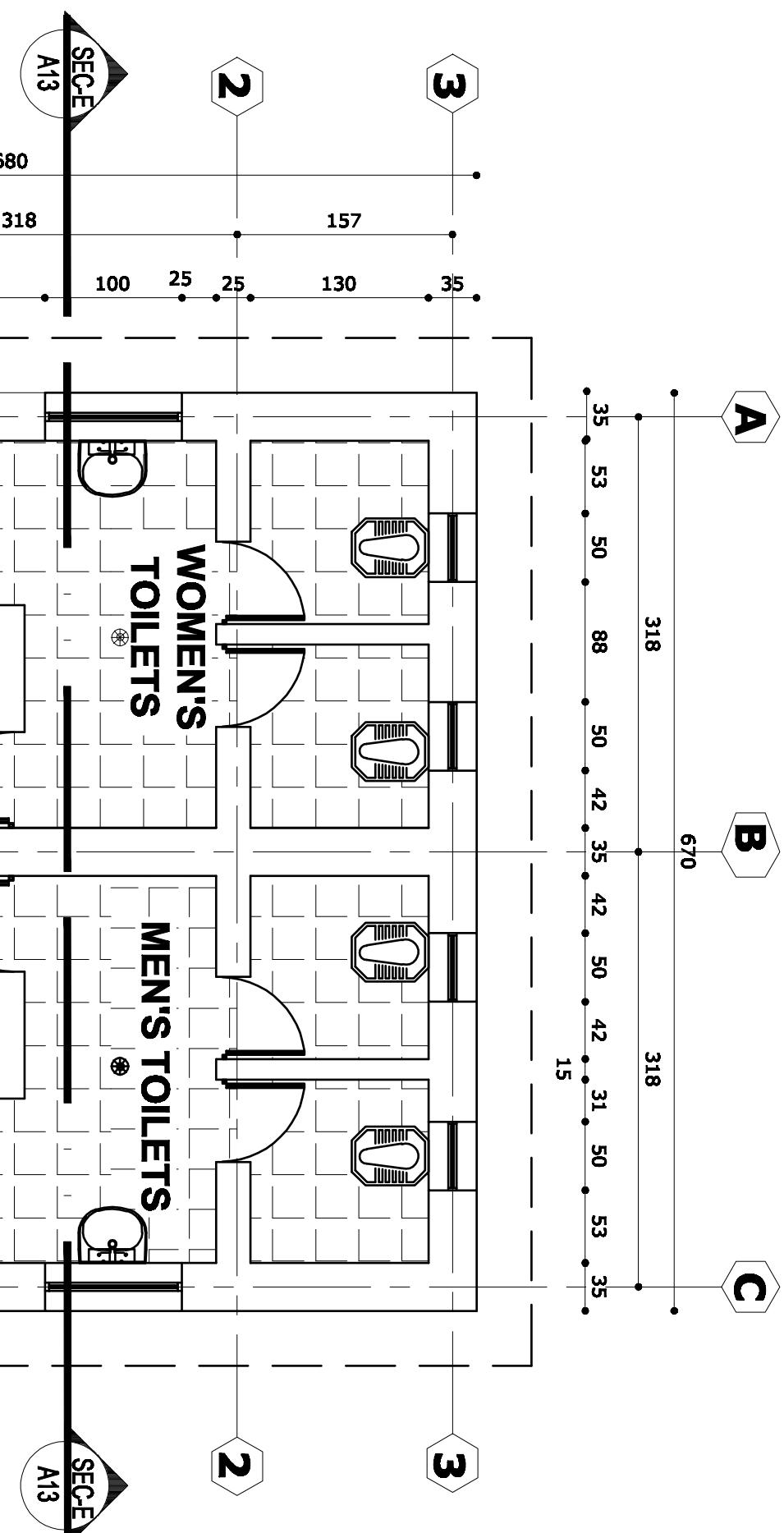
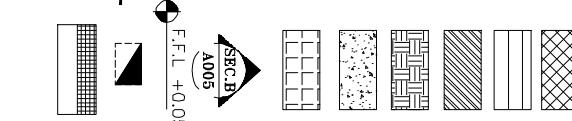
NOTES: 2

1 - USE THE TERRAZZO TILES SIZE (30X30)CM. FOR ALL CORRIDOR AND OFFICES

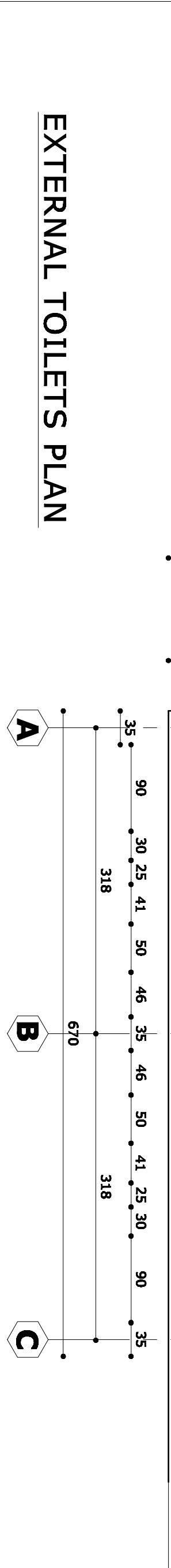
2 - USE THE CERAMIC TILES SIZE (15X15)CM. FOR DELIVER ROOMS' WALL

3 - USE OIL PAINTING FOR ALL WALLS UP TO H = 150CM.

4 - USE NON SPLIT CERAMIC TILES (30 X 30) FOR ALL TOILETS, LABORATORY & DELIVERY ROOMS



EXTERNAL TOILETS PLAN



CAD FILE	1:50	COMPREHENSIVE HEALTH CLINIC (CHC)		REVISION	NAME	INITL.	DATE	PRODUCED BY	DESIGNED BY	CHECKED BY	APPROVALS	ARCHITECT/ENGINEER	CLIENT	RECIPIENT
SCALE				NO.				BaCEAG	A-M.Saber	Eng.A.Karim		BaCEAG CONSULTATIVE ENGINEERING & ARCHITECTURAL GROUP	MINISTRY OF PUBLIC HEALTH	
DRAWING NUMBER	Tol.AR-001											KABUL - AFGHANISTAN	AFGHANISTAN	
PROJECT NUMBER												Email: baceag@yahoo.com Mobile: 0799 336066 , 0799 364 473		

NOTES: 1

- 1 - ALL DIMENSIONS ARE IN CM.
- 2 - ALL LEVELS ARE IN CM.

3 - RCC CONCRETE

4 - PARTITION WALL

5 - BRICK WALL

6 - COMPACT SOIL

7 - PCC CONCRETE

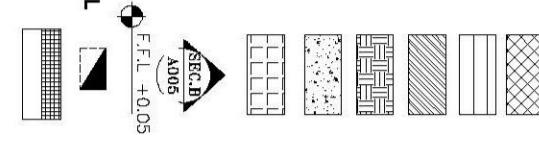
8 - CERAMIC AND MARBLE TILES

9- SECTION AND ELEVATION DIRECTION

10 - LEVELS

11 - CHIMNEYS LOCATION IN WALL

12 - STOVES LOCATION IN ROOM



NOTES: 2

1 - USE THE TERRAZZO TILES SIZE (30X30)CM. FOR ALL CORRIDOR AND OFFICES

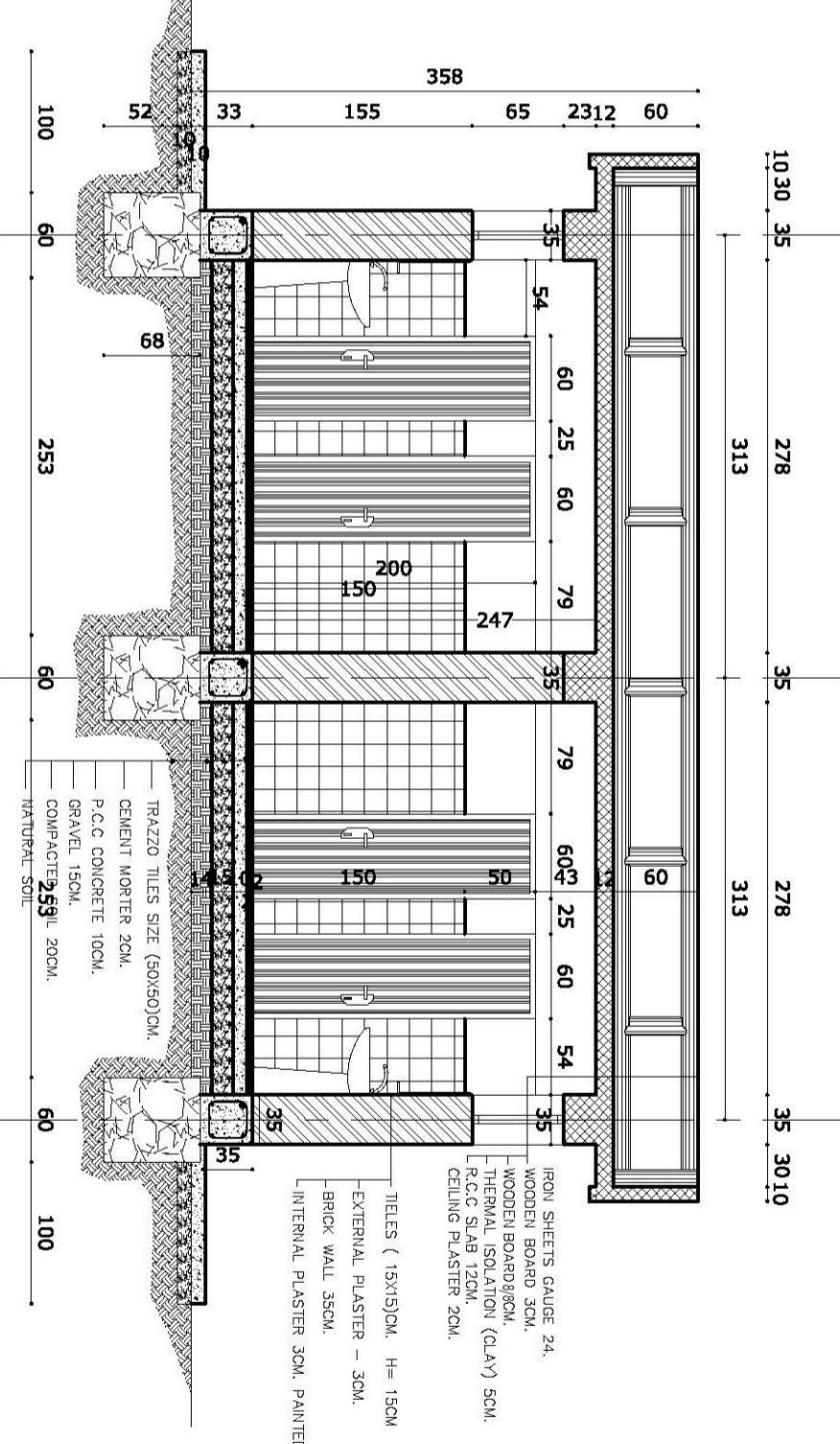
2 - USE THE CERAMIC TILES SIZE (15X15)CM. FOR DELIVER ROOMS' WALL

3 - USE OIL PAINTING FOR ALL WALLS UP TO H = 150CM.

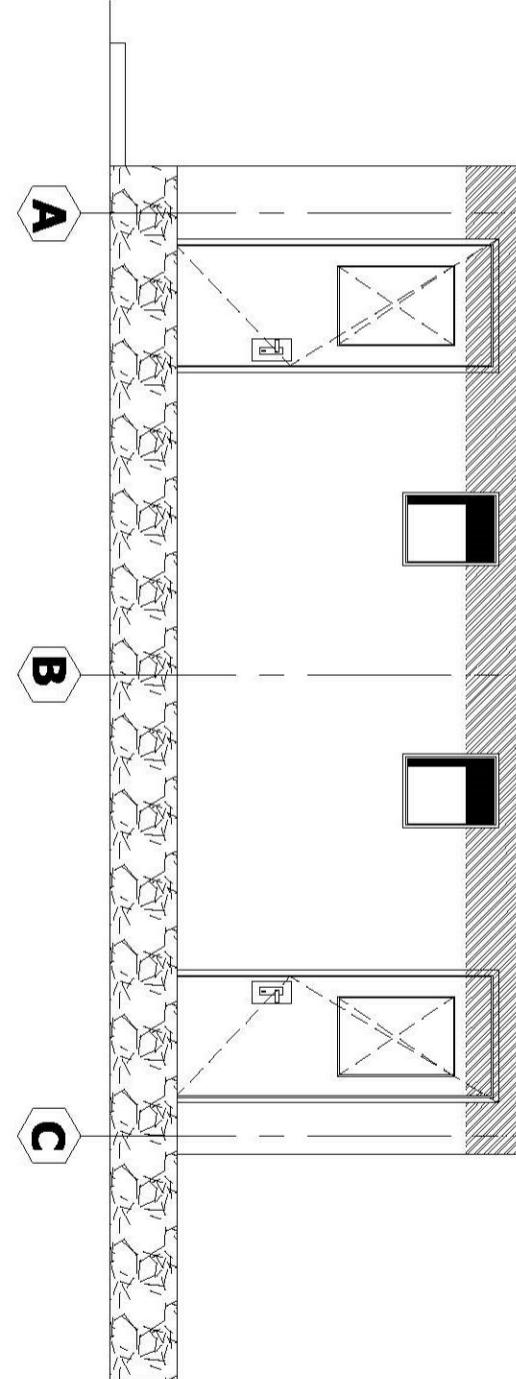
4 - USE NON SPLIT CERAMIC TILES (30 X 30) FOR ALL TOILETS , LABORATORY & DELIVERY ROOMS

ELAVATION AND SECTION C-C

(A)



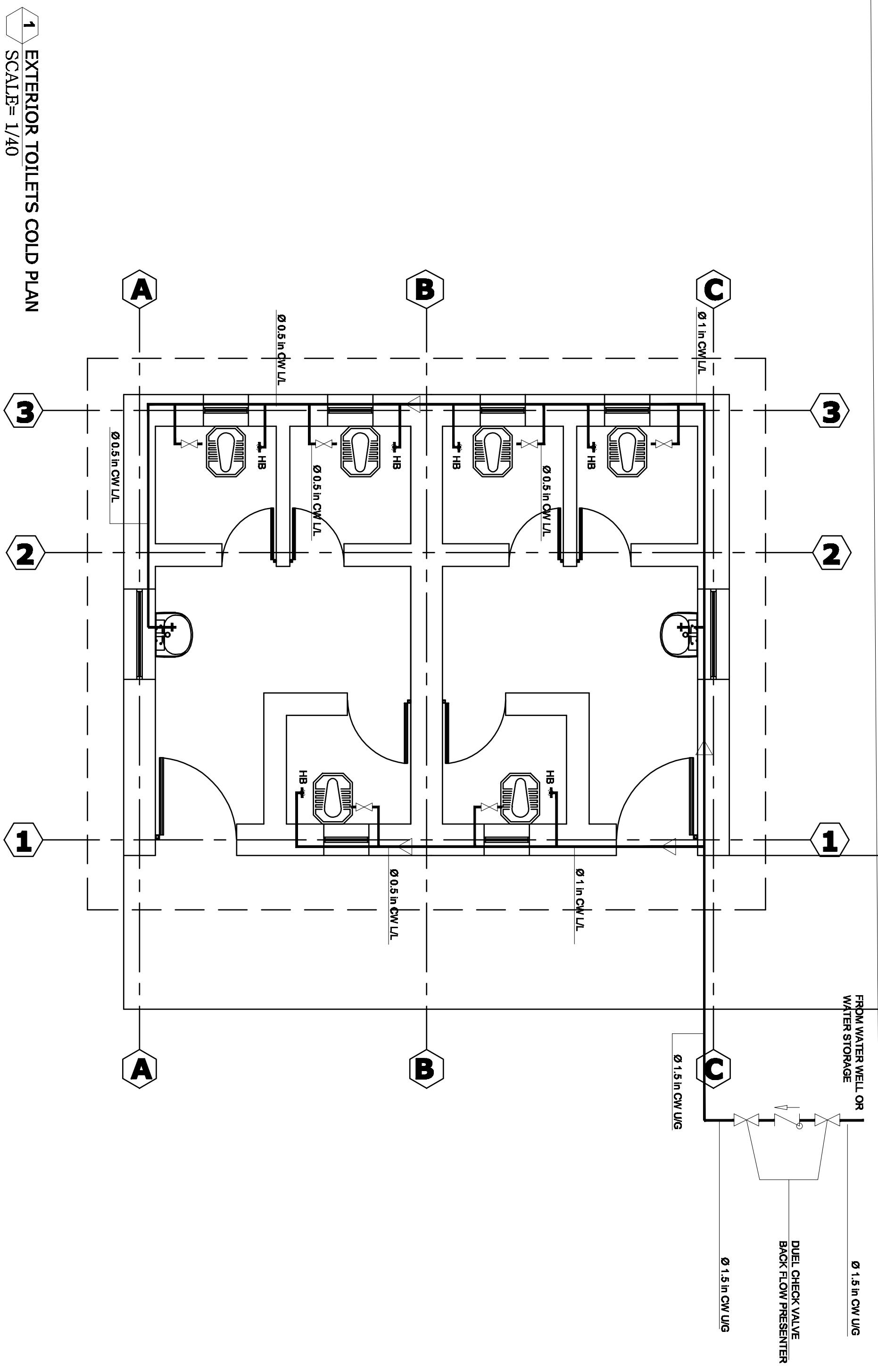
(B)



(C)

(C)

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DRAWING NUMBER	Toi.AR-002						DESIGNED BY	Ar.M.Saber	May-2008	HEALTH	
PROJECT NUMBER	EXTERIOR TOILET ELEVATION & SECTION C-C						CHECKED BY	Eng.A.Karim	May-2008	AFGHANISTAN	
							APPROVALS			Email: baceag@yahoo.com Mobile: 0798 332 666 , 0798 304 473	



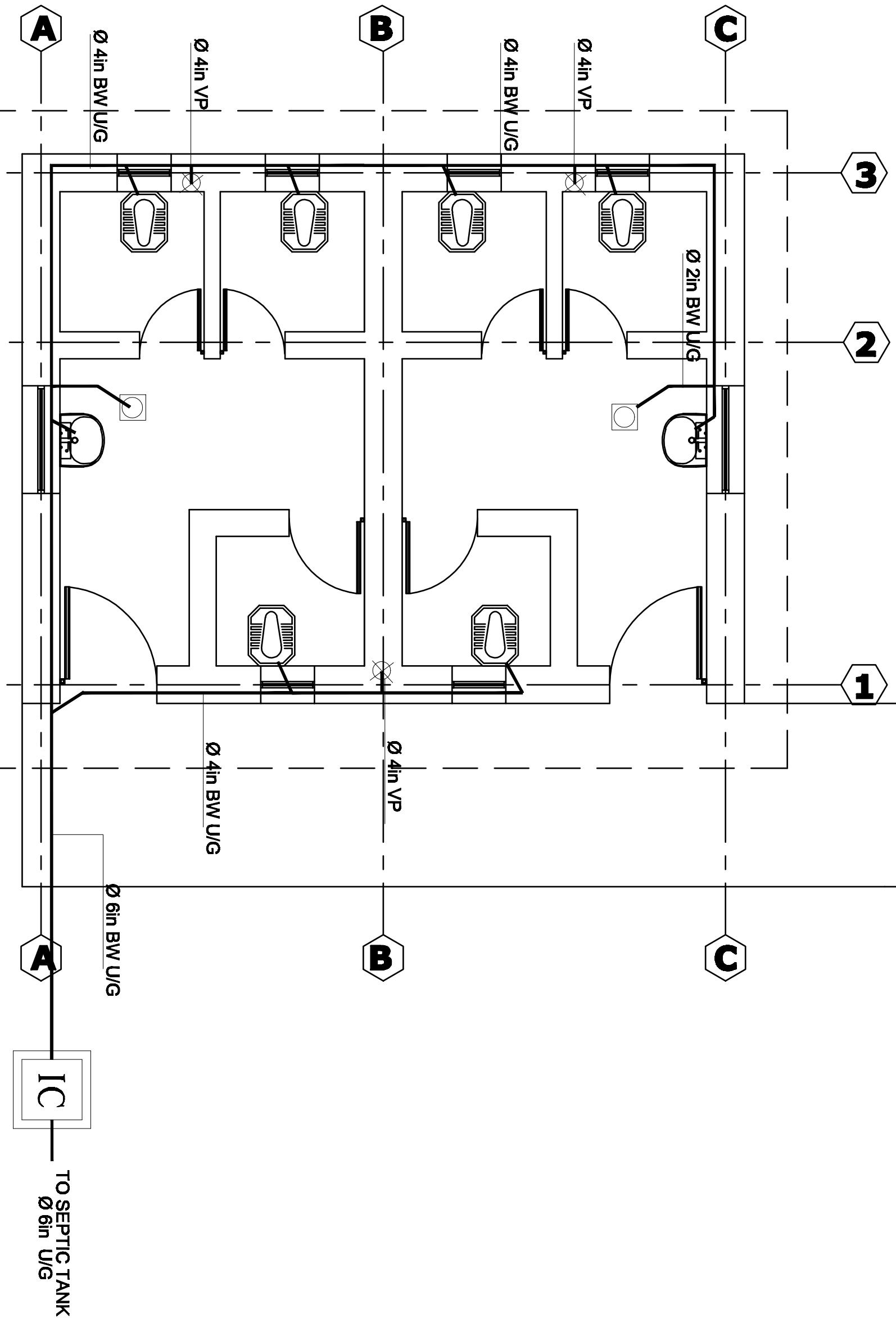
1 EXTERIOR TOILETS DRAINAGE PLAN

SCALE= 1/40

3

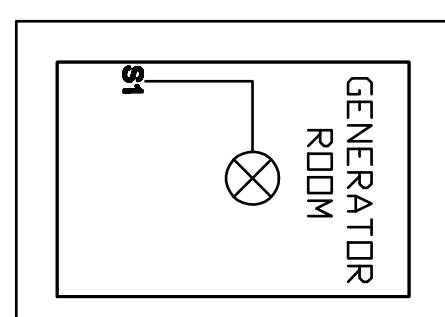
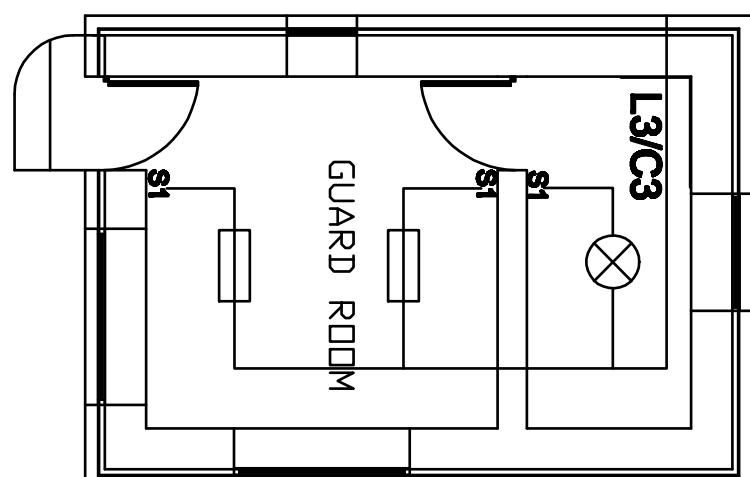
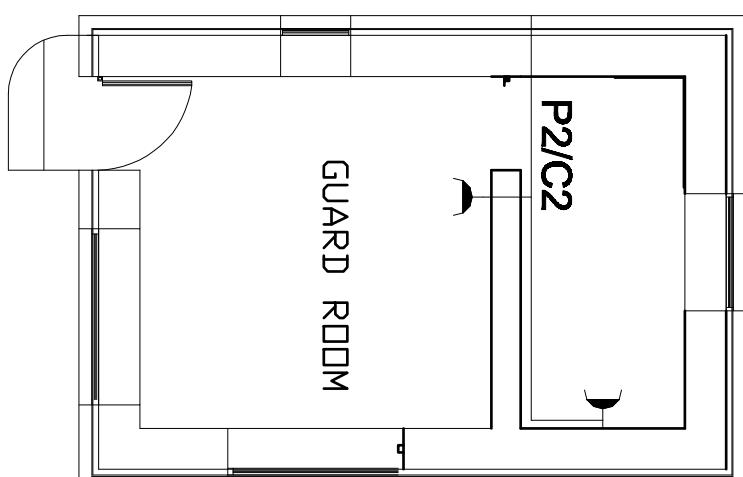
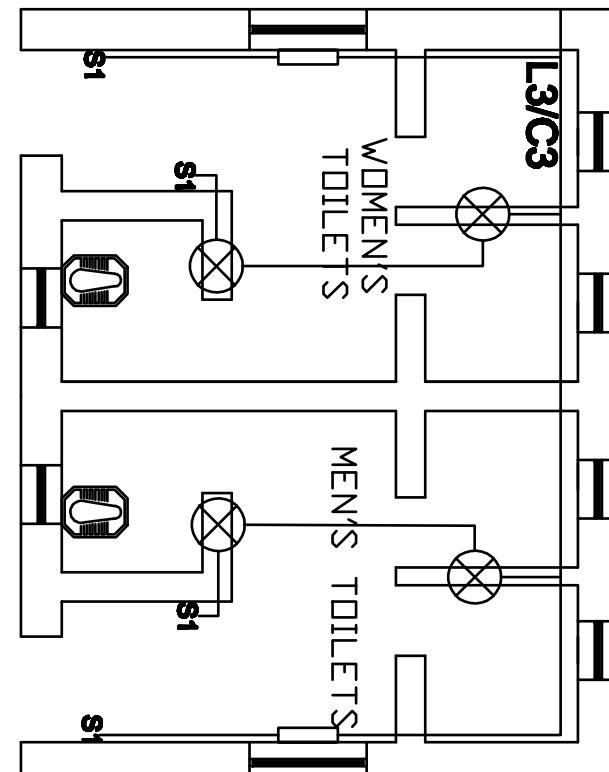
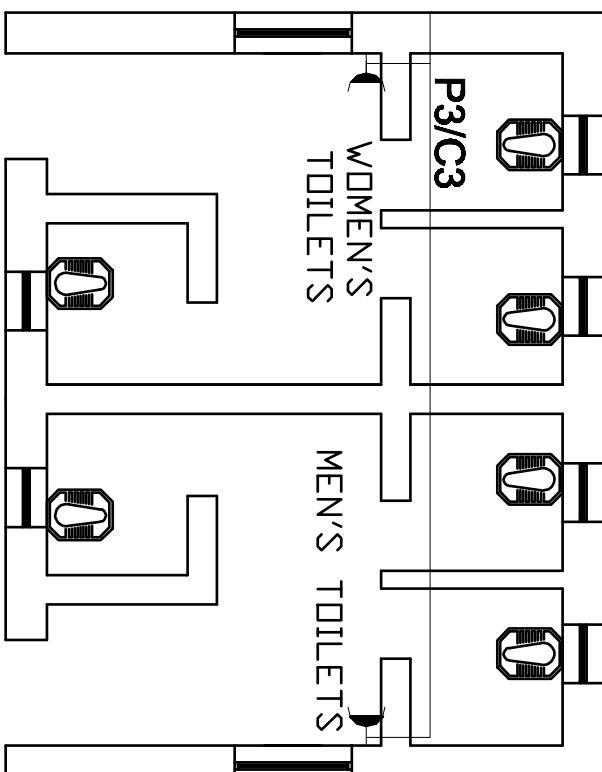
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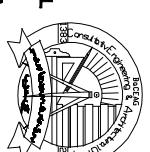


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PROJECT NUMBER	EXTERIOR TOILETS DRAINAGE PLAN							BacEAG CONSULTATIVE ENGINEERING & ARCHITECTURAL GROUP		
	KABUL - AFGHANISTAN									
	Email: baceng@baceng.com Mobile: 0798 325 999 , 0798 304 478									

GAURD ROOM & TOILETS WIRING PLAN
SCALE= NTS



CAD FILE		REVISIONS						INITL.	SIG.	DATE
SCALE	1:100	NO.	REVISION	NAME	INITL.	DATE	PRODUCED BY	BCEAG		May-2008
DRAWING NUMBER	CHC-EL005	DESIGNED BY	Erg. Masooma				CHECKED BY	Eng. Anwar		May-2008
PROJECT NUMBER	GUARD ROOM & TOILET WIRING PLAN	APPROVALS	PROJECT MANAGER				APPROVALS	PROJECT DIRECTOR		

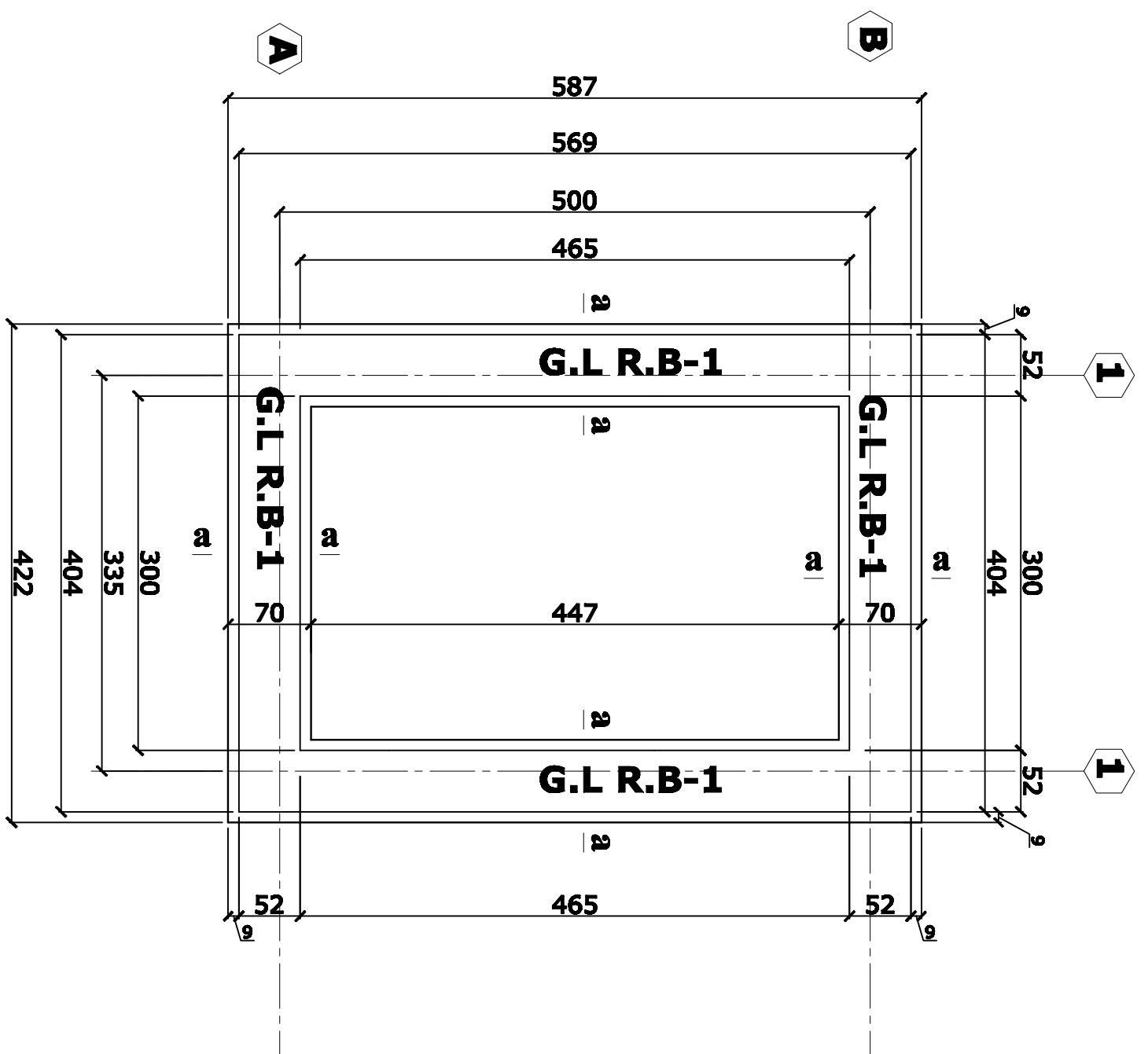


Email: bceag@ymail.com

Mobile: 0799 321 666 , 0799 304 478

ARCHITECT/ENGINEER	CLIENT
BaCEAG CONSULTATIVE ENGINEERING & ARCHITECTURAL GROUP	
KABUL - AFGHANISTAN	
RECIPIENT	

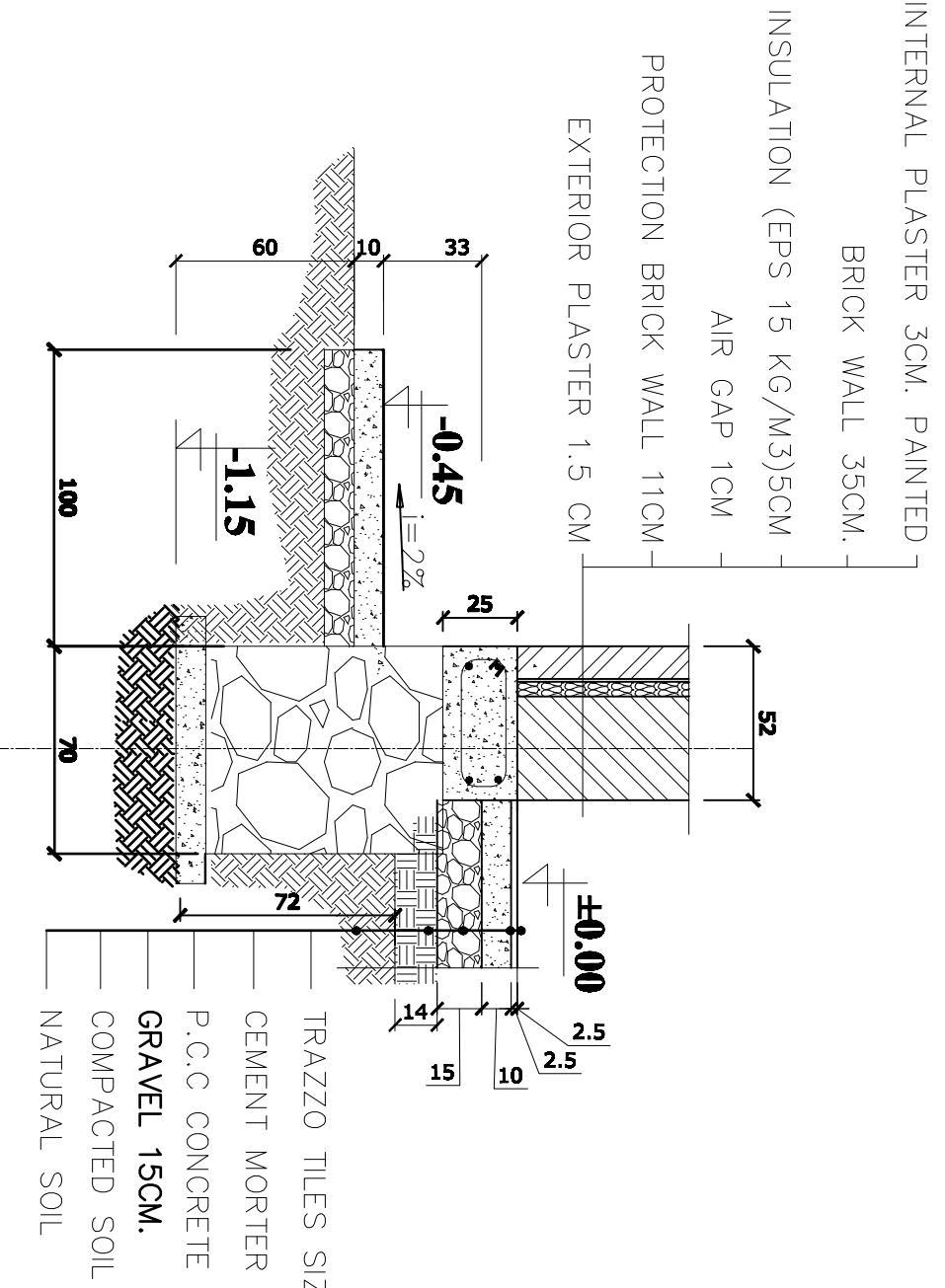
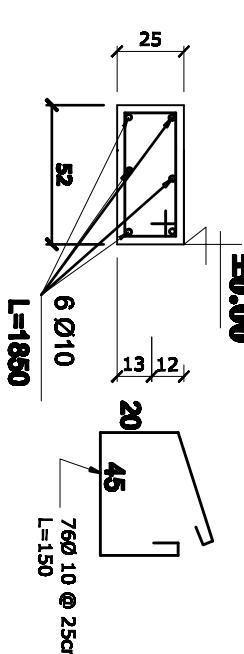
MINISTRY OF PUBLIC
HEALTH
AFGHANISTAN



GUARD ROOM FOUNDATION PLAN & SECTIONS

GUARD ROOM FOUNDATION PLAN

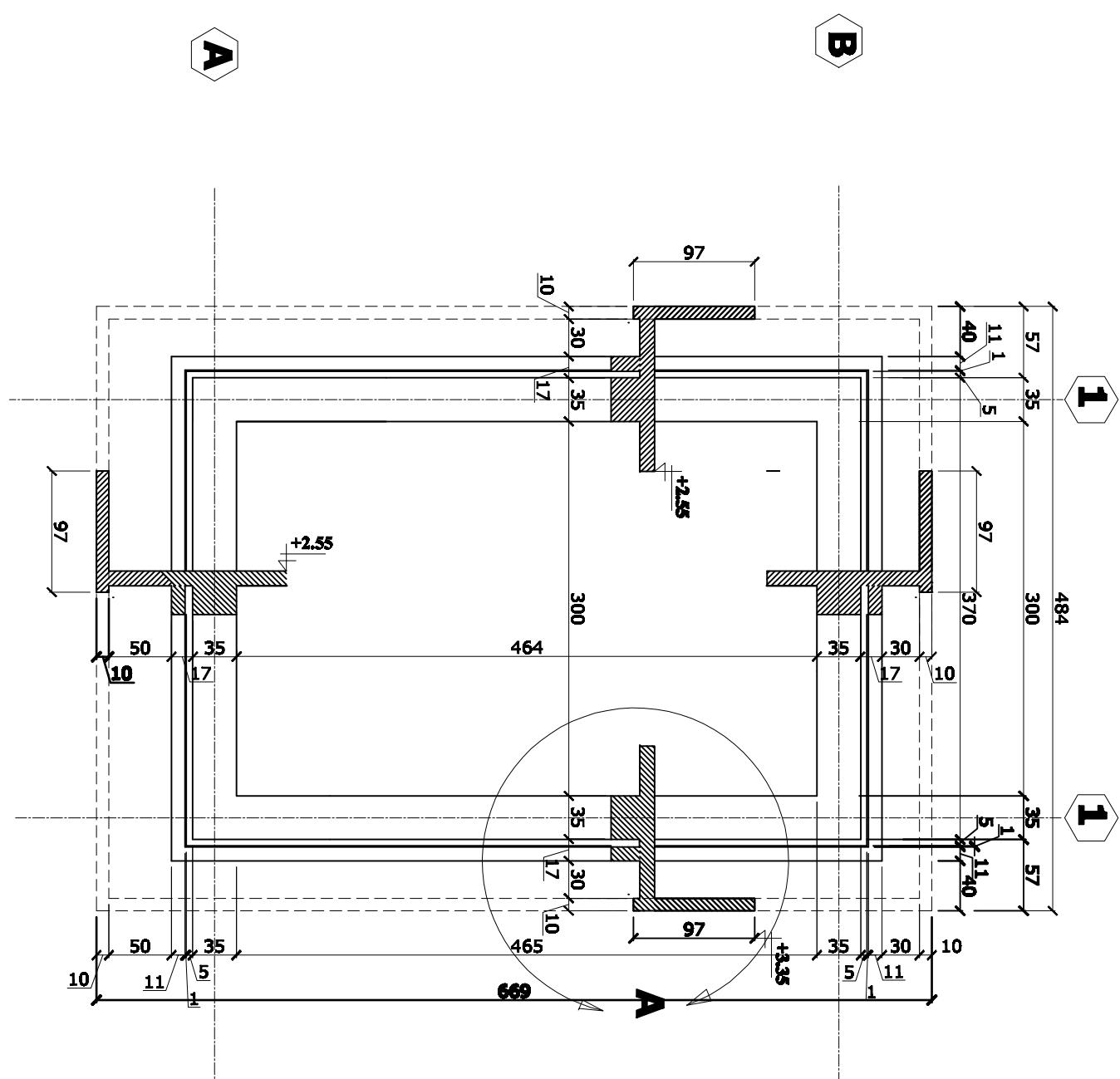
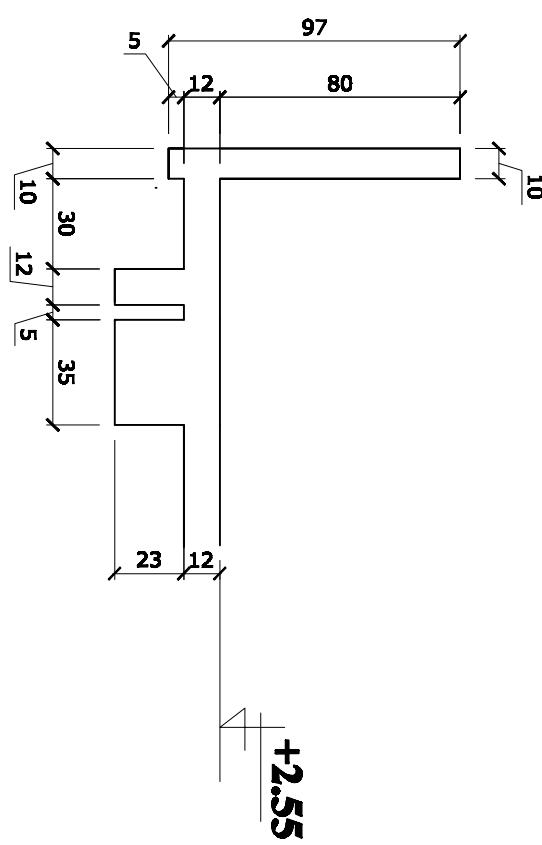
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		PROJECT DIRECTOR				
		KABUL - AFGHANISTAN				
		BAEAG CONSULTATIVE ENGINEERING & ARCHITECTURAL GROUP	ARCHITECT/ENGINEER	CLIENT	RECIPIENT	
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		CONSULTATIVE ENGINEERING & ARCHITECTURAL GROUP		AFGHANISTAN		
		Phone: +93 20 200 000, +93 20 200 000				

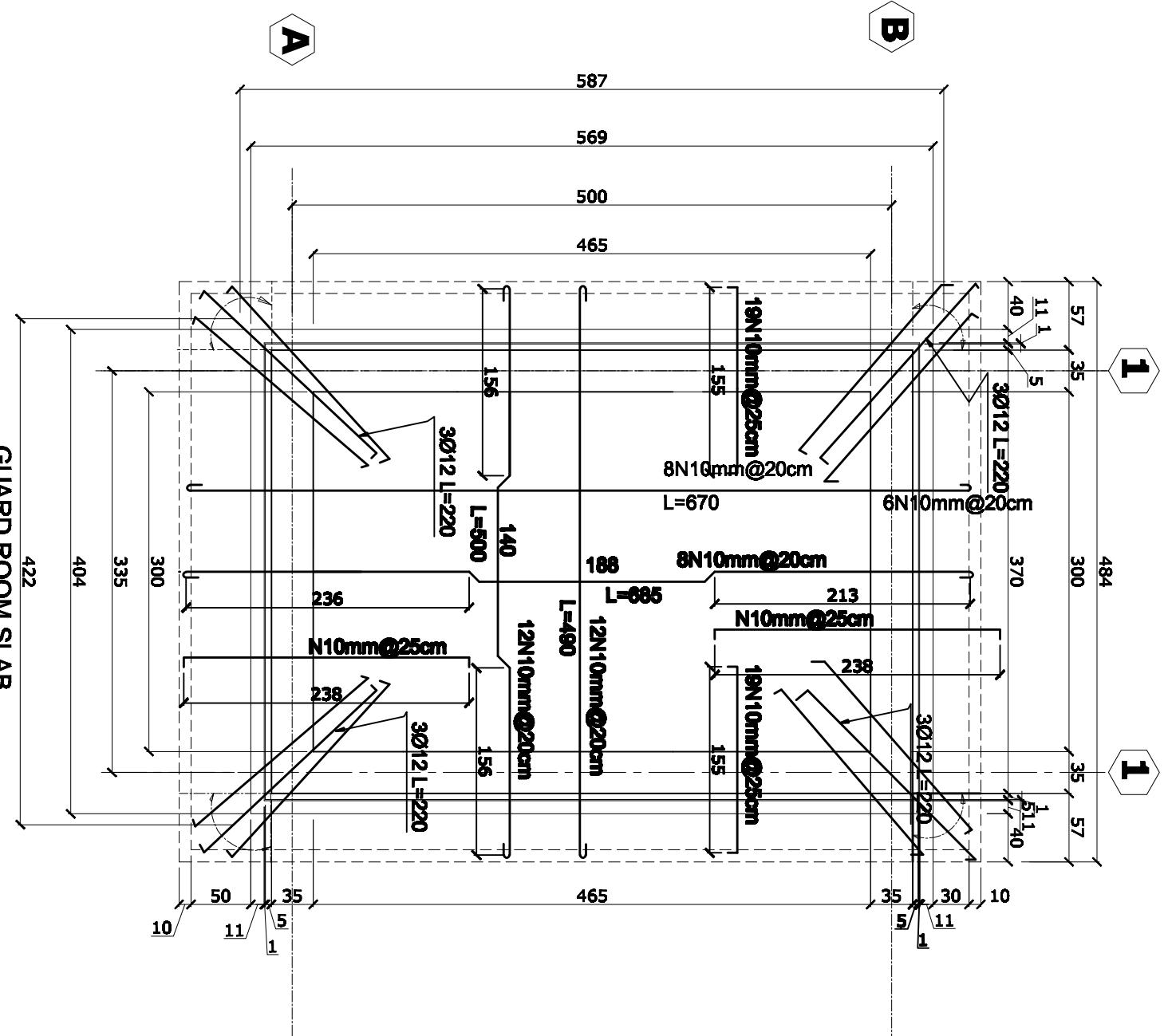
1 FORM WORK PLAN
SCALE =1/100

Detail - A +2.55

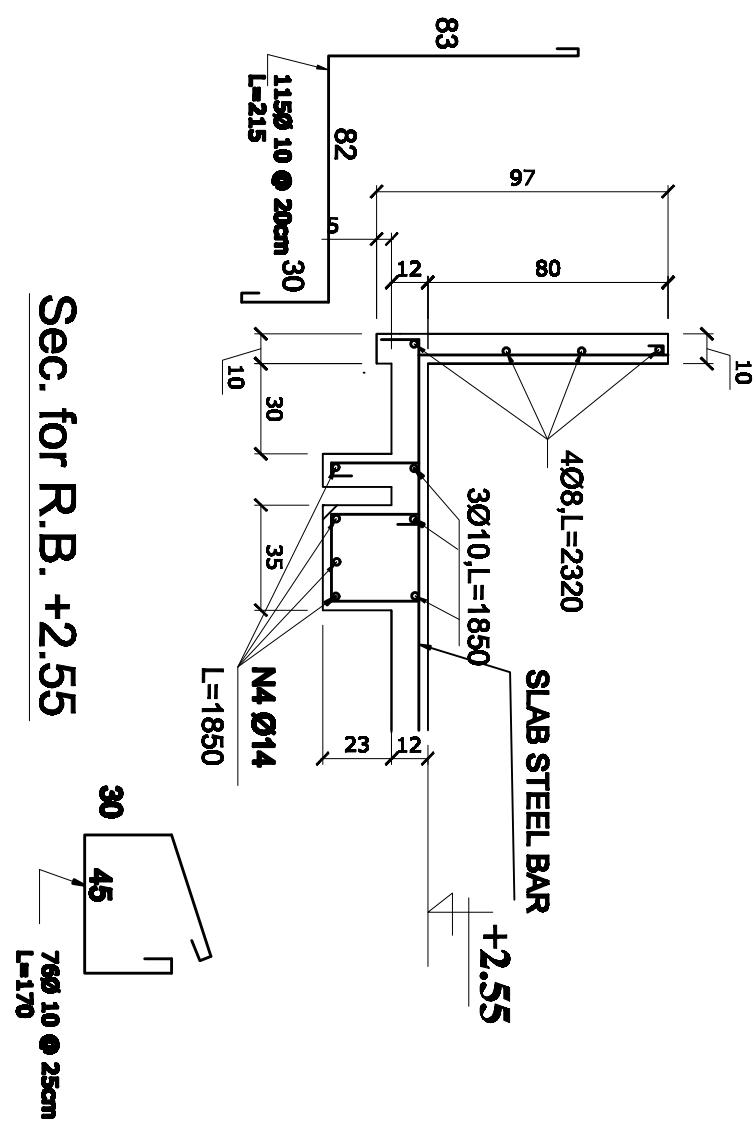


GUARD ROOM SLAB FORM WORK PLAN

CAD FILE	Sheet Name	REVISIONS					INITL.	SIG.	DATE	COMPREHENSIVE HEALTH		ARCHITECT/ENGINEER	CLIENT	RECIPIENT
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DRAWING	G.R.ST-002	(G.H.C)					DESIGNED BY	Eng.A.Karm	May-2008	CLINIC		HEALTH		
NUMBER		GUARD ROOM					CHECKED BY	Eng.Murodi	May-2008	(G.H.C)		AFGHANISTAN		
PROJECT	SLAB FORM WORK						APPROVALS			KABUL - AFGHANISTAN		AFGHANISTAN		
NUMBER							PROJECT MANAGER			BaCEAG CONSULTATIVE ENGINEERING & ARCHITECTURAL GROUP		Ministry of Public Health, Afghanistan		
							PROJECT DIRECTOR			Phone: 009 200 000 , 000 000 000		Mobile: 009 200 000 , 000 000 000		

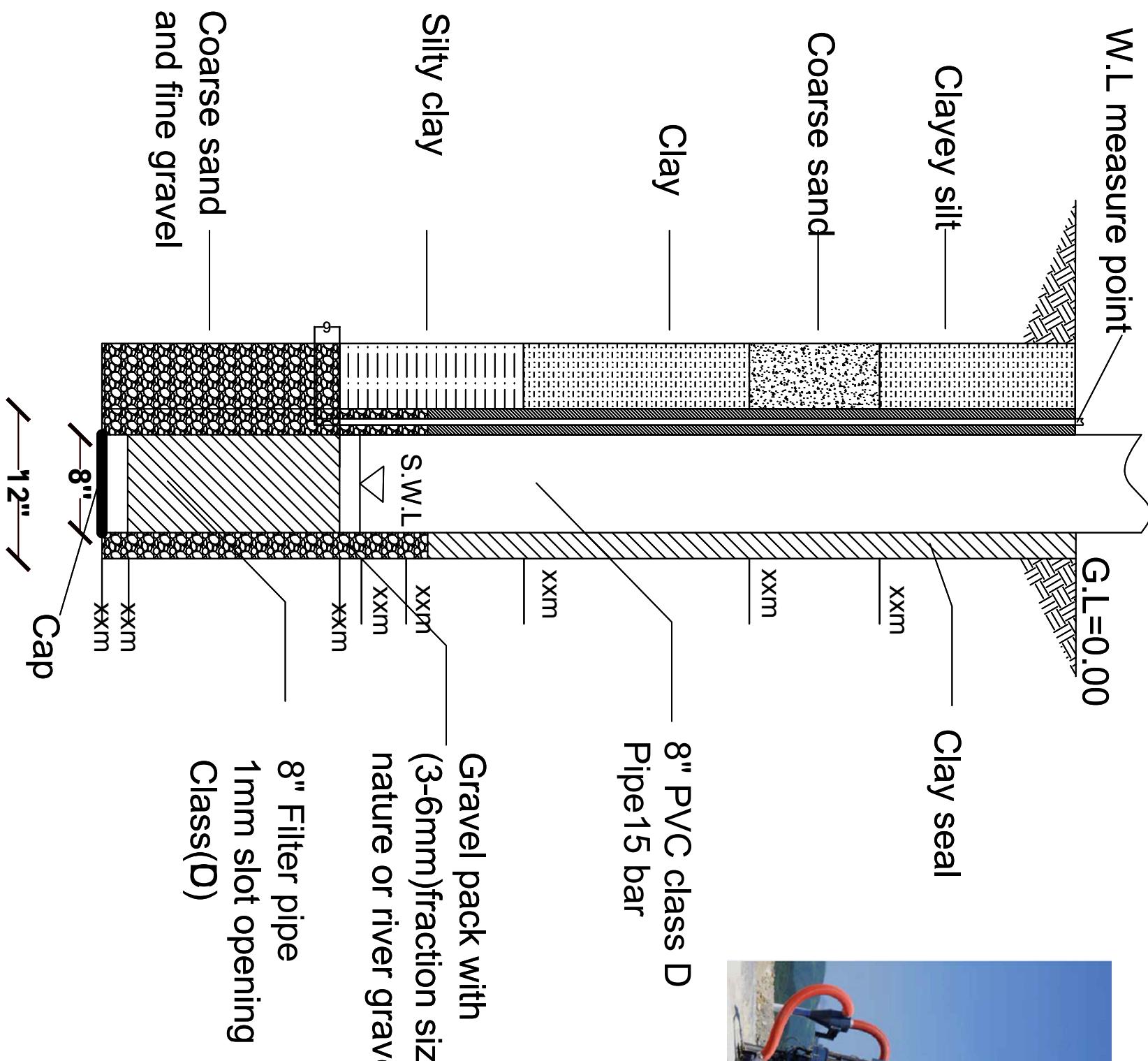


GUARD ROOM SLAB
REINFORCEMENT PLAN



CAD FILE	Sheet Name	REVISIONS					INITL.	SIG.	DATE	COMPREHENSIVE HEALTH	ARCHITECT/ENGINEER	CLIENT	RECIPIENT
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DRAWING	Q.R.S.T.-003						DESIGNED BY	Eng.A.Karm	May-2008	(CHC)	CONSULTATIVE	HEALTH	
NUMBER	GUARD ROOM						CHECKED BY	Eng.Murad	May-2008	& ARCHITECTURAL	ENGINEERING		
PROJECT	SLAB REINFORCEMENT						APPROVALS	Project Manager		KABUL - AFGHANISTAN	GROUP	AFGHANISTAN	
NUMBER								Project Director		Bach. Hamedullahzai Mobile: 090 220 000, 090 221 000			

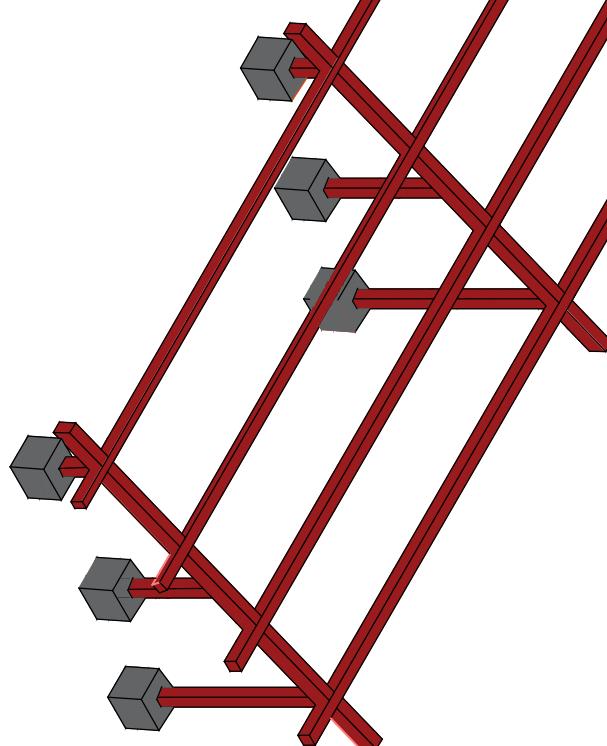
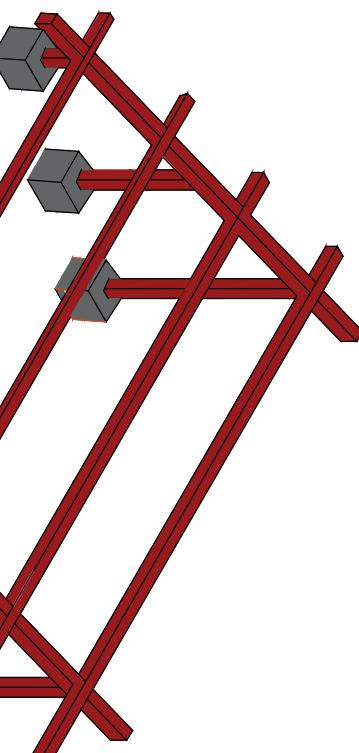
Deep Well drilling by Compressor/Rotary



UNHCR | Afghanistan

Drawn By:	Designed By:	Checked By:	Review By:	Approved By:	Sheet No:
Name Eng.Amir M.	Eng.Amir M.				00 of 00
Sign					Scales:
Date					1:100

Solar panel frame design and specification



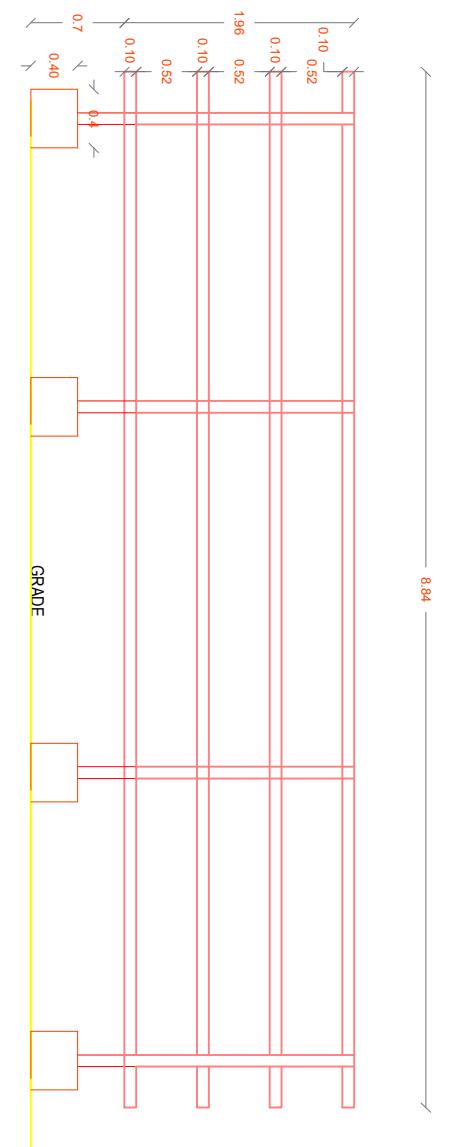
Note:
1-All dimension are in meter.

UNHCR | Afghanistan

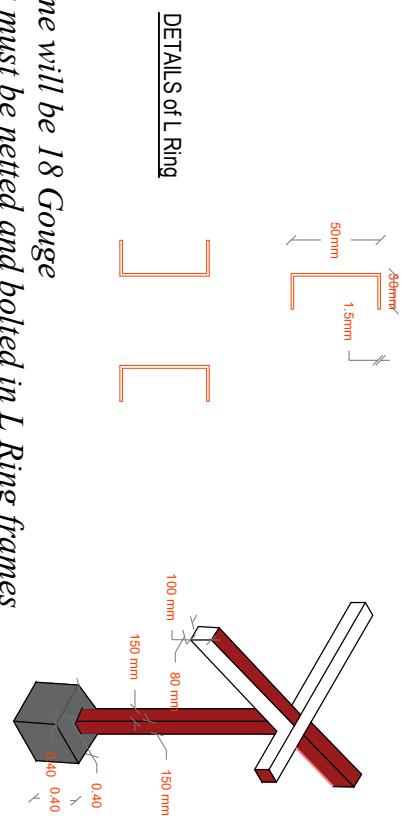


Project code	KDR - 000 - 000
Project	
Drawing Title	Solar panel frame design and specification
Project Location	South Region Kandahar Afghanistan
Drawn By:	
Designed By:	
Checked By:	
Name	Engr Esmaullah
Sign	
Date	

Solar panel frame design and specification



FRONT VIEW

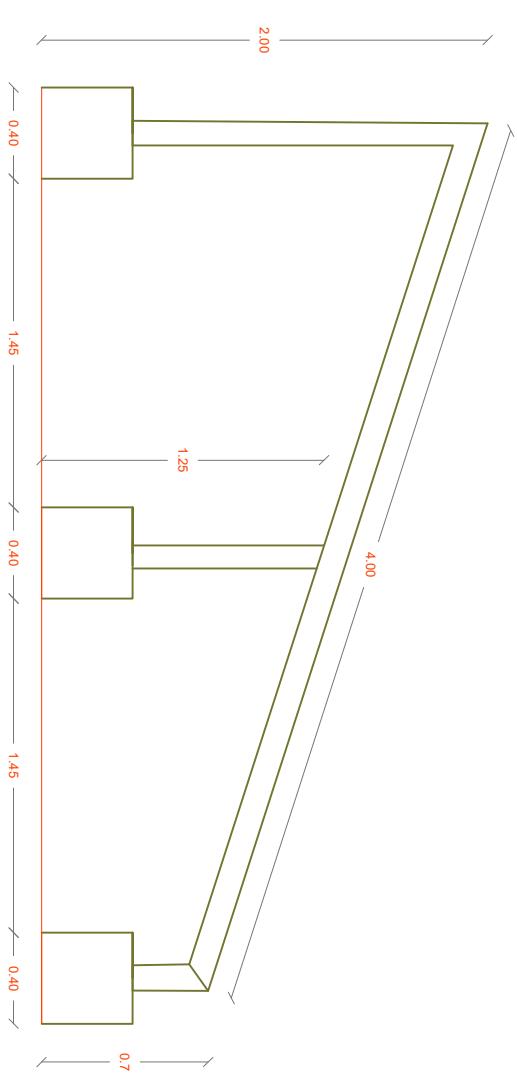


DETAILS of L Ring

Note:
 1-Steel for frame will be 18 Gouge
 2-Solar panels must be netted and bolted in L Ring frames
 3-L Ring will be (thickness=1.5mm)
 4-Frames must be welded by electricity
 5-All dimension are in Meter.



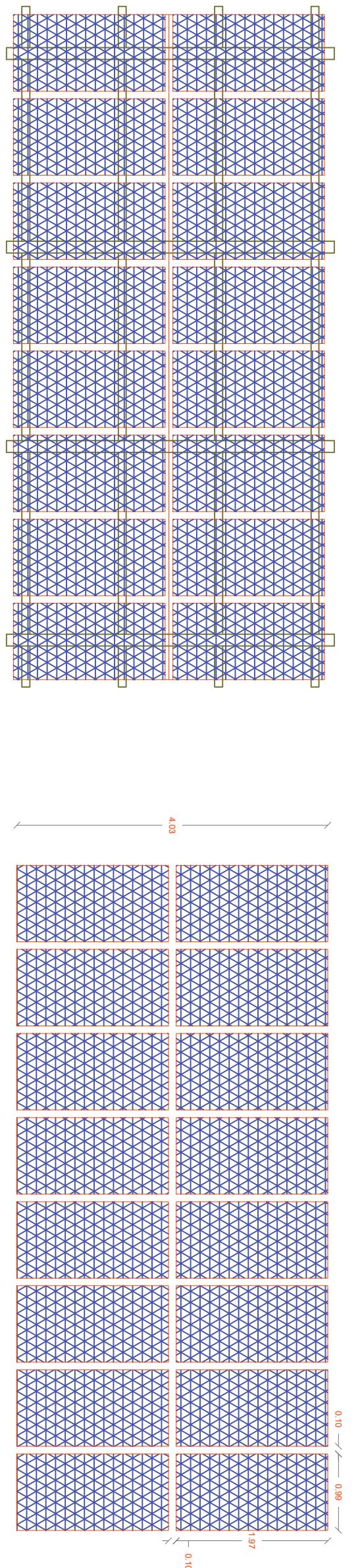
SAMPLE IMAGE



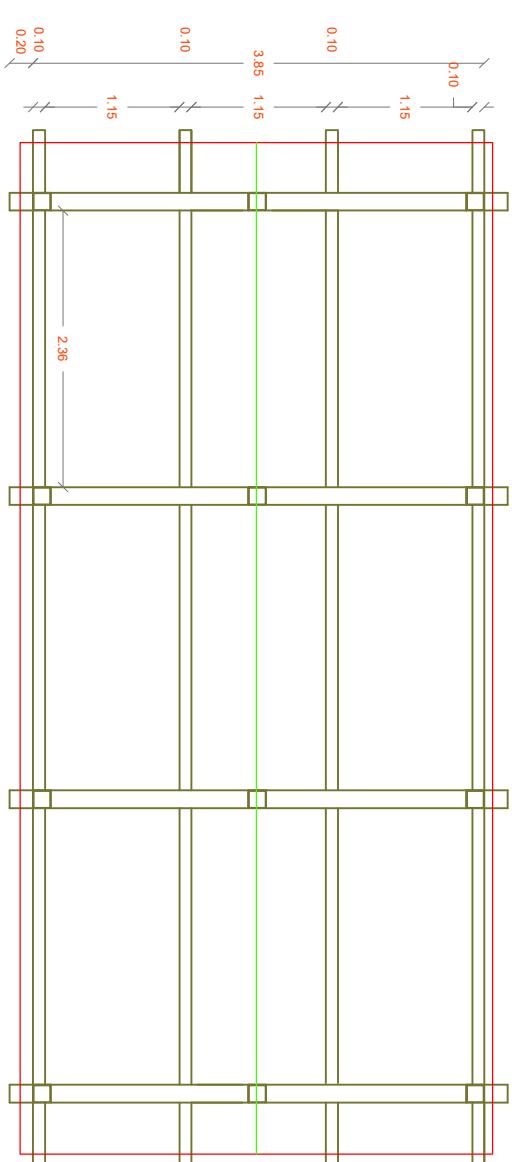
SECTION VIEW

UNHCR Afghanistan		
Project code	KDR - 000 - 000	
Project		
Drawing Title	Solar panel frame design and specification	
Project Location	South Region Kandahar Afghanistan	
Drawn By:	Designed By:	Checked By:
Name Engr Esmaullah	Engr Esmaullah	Engr Imran danish
Sign		
Date		

Solar panel frame design and specification



TOP VIEW



Front View

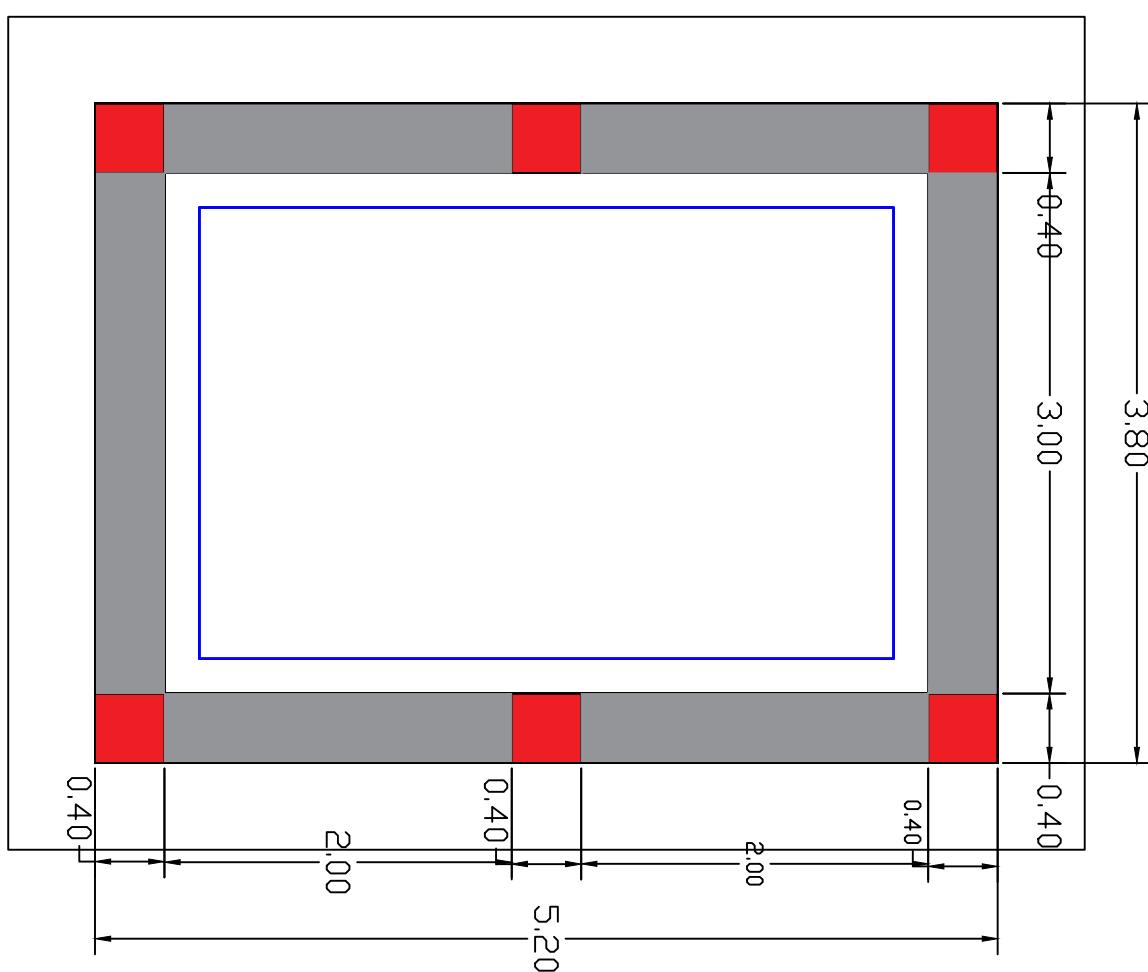
Note:

- 1-Steel for frame will be 18 Gouge
- 2-Solar panels must be netted and bolted in L Ring frames
- 3-L Ring will be (thickness= 1.5mm)
- 4-Frames must be welded by electricity
- 5-All dimension are in Meter.

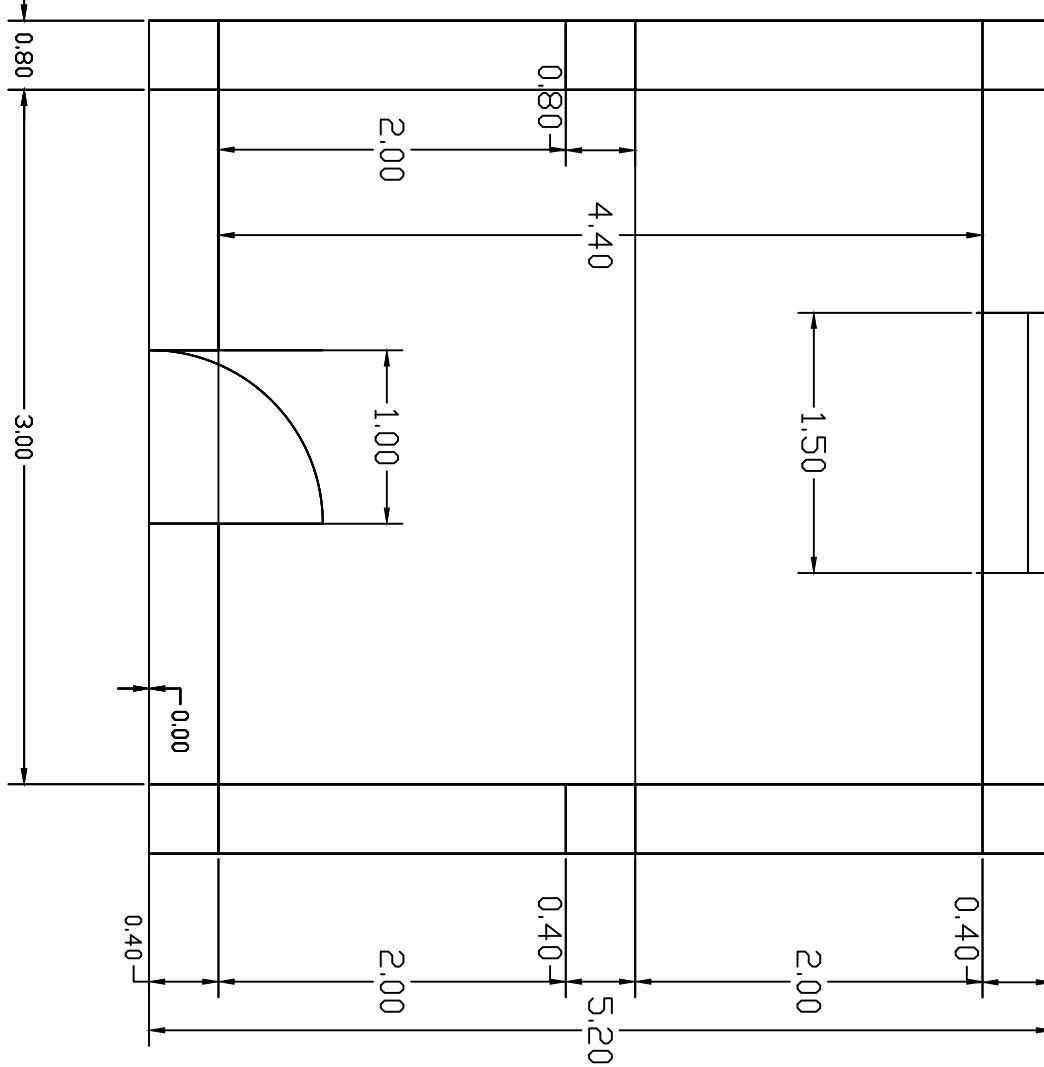
 UNHCR Afghanistan <small>THE UN Refugee Agency</small>  زندگانی سازنده شجاعی دا کړونکوں WOMEN FOR AFGHAN WOMEN		
Project code	KDR - 000 - 000	
Project		
Drawing Title	Solar panel frame design and specification	
Project Location	South Region Kandahar Afghanistan	
Drawn By:	Designed By:	Checked By:
Name Engr.Esmatullah	Engr.Esmatullah	Engr. Imran danish
Sign		
Date		

WATER RESERVOIR with volume = 30 cum

PLAN OF RESERVOIR



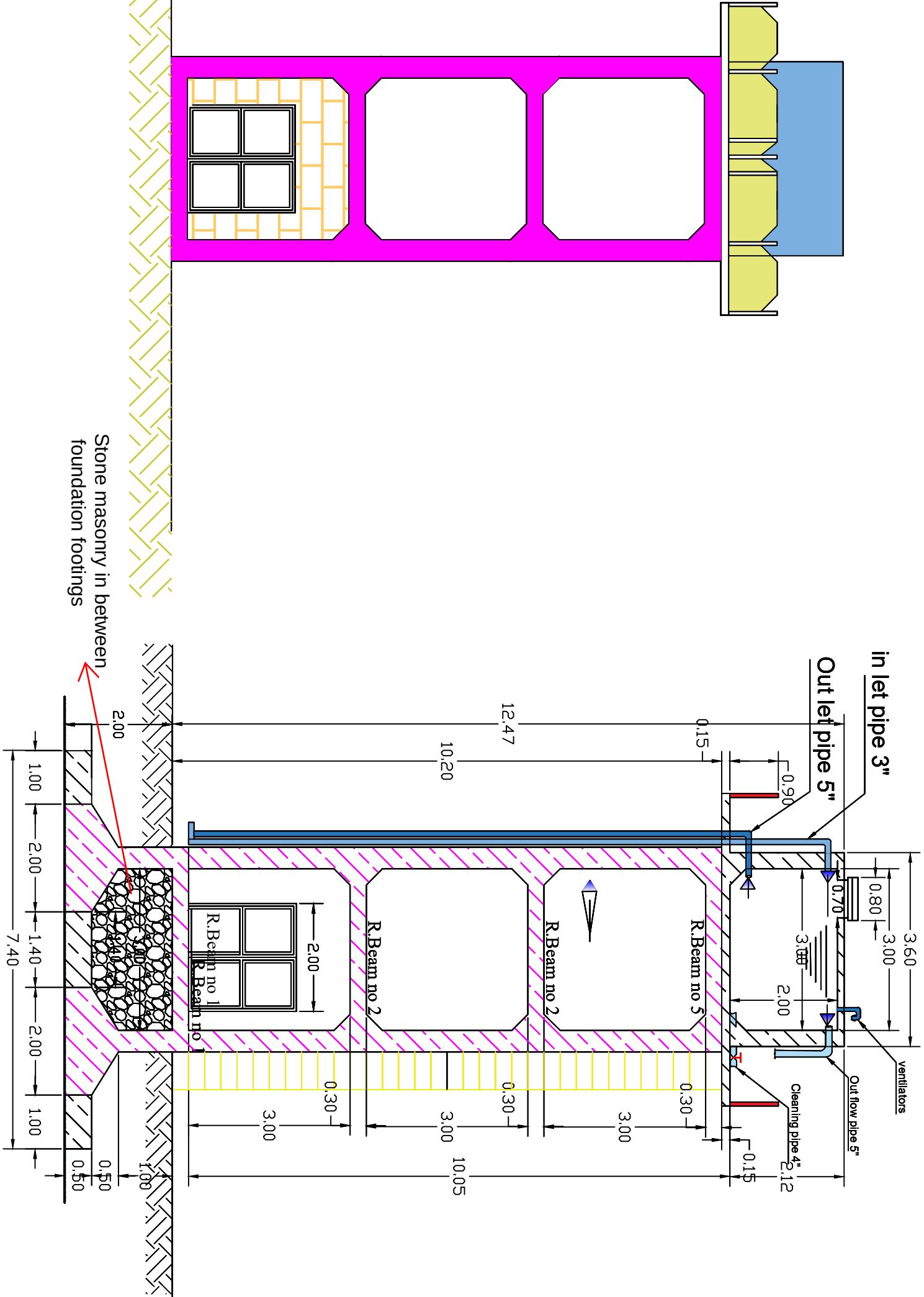
Store room



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No	Date
1	Survey by
2	Structural D. by
3	Drawn by
	Approved by

MINISTRY OF EDUCATION AFGHANISTAN		Scale	1 : 100	Province	01
		Date	25 09 17	District	01
		Drawing No.	ST-01	Village	Project name: RCC elevated Water reservoir in 300 m ³ Drawing Title Plan & sections

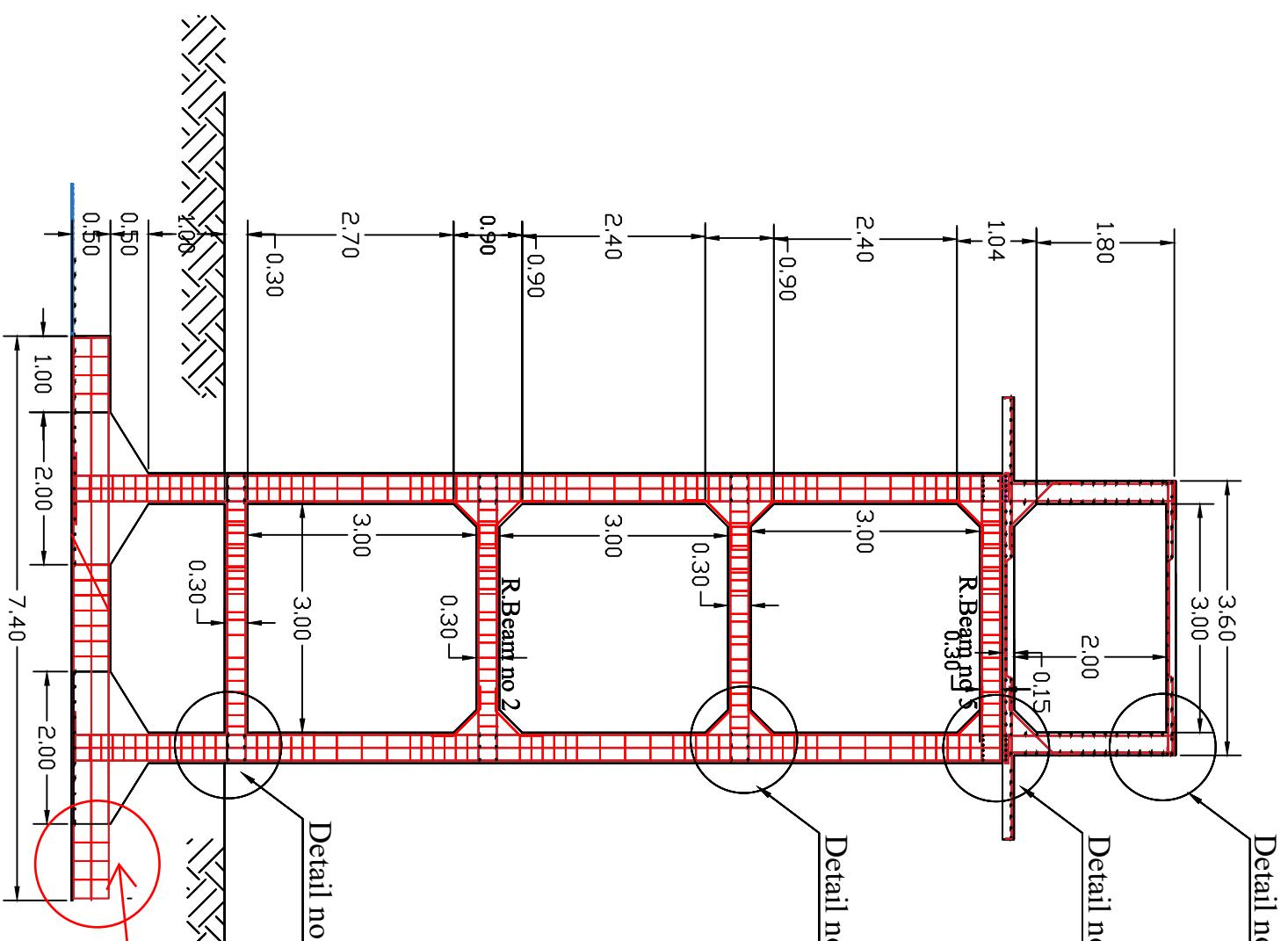
FRONT ELEVATION & SECTION A-A



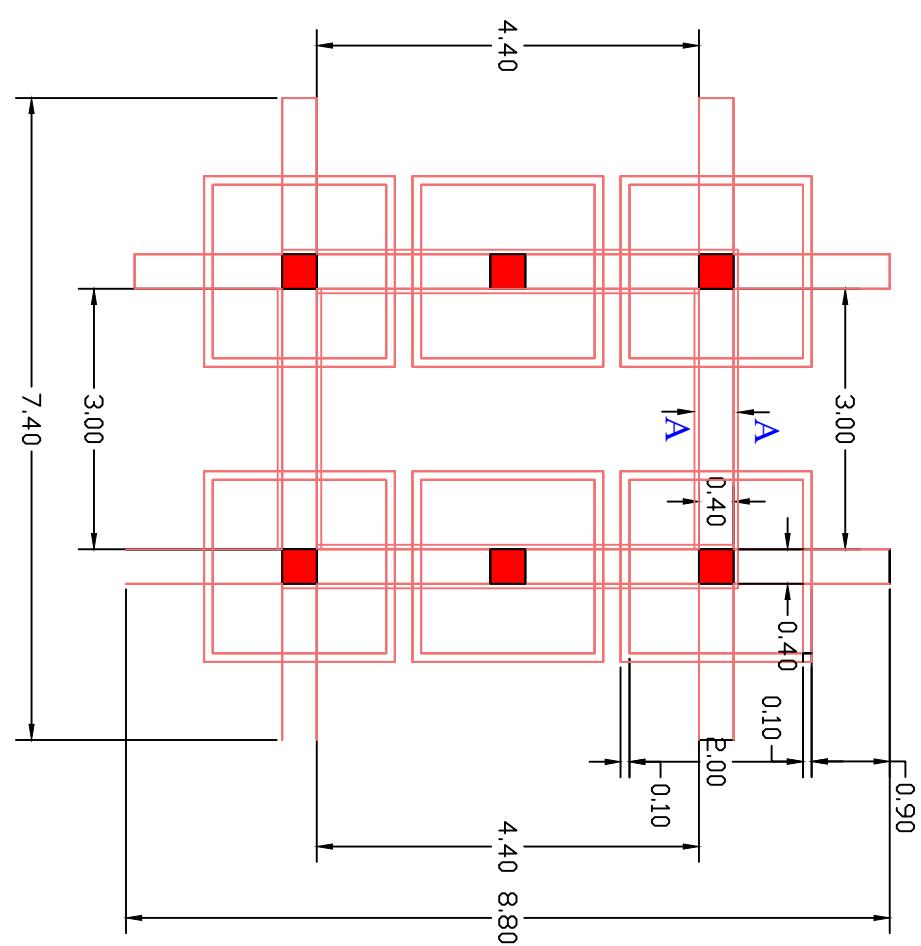
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3	Drawn by
	Approved by

MINISTRY OF EDUCATION AFGHANISTAN OFFICE: PROGRAM:WATER SUPPLY ENGINEERING DEPARTMENT	Scale 1 : 100 Date 25 09 17 Drawing No. ST-01	Province 01 District 01 Village	Project name: RCC elevated Water reservoir Plan & sections 300 m ³
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REINFORCEMENT DETAILS



PLAN OF FOUNDATION FOR RESERVOIR

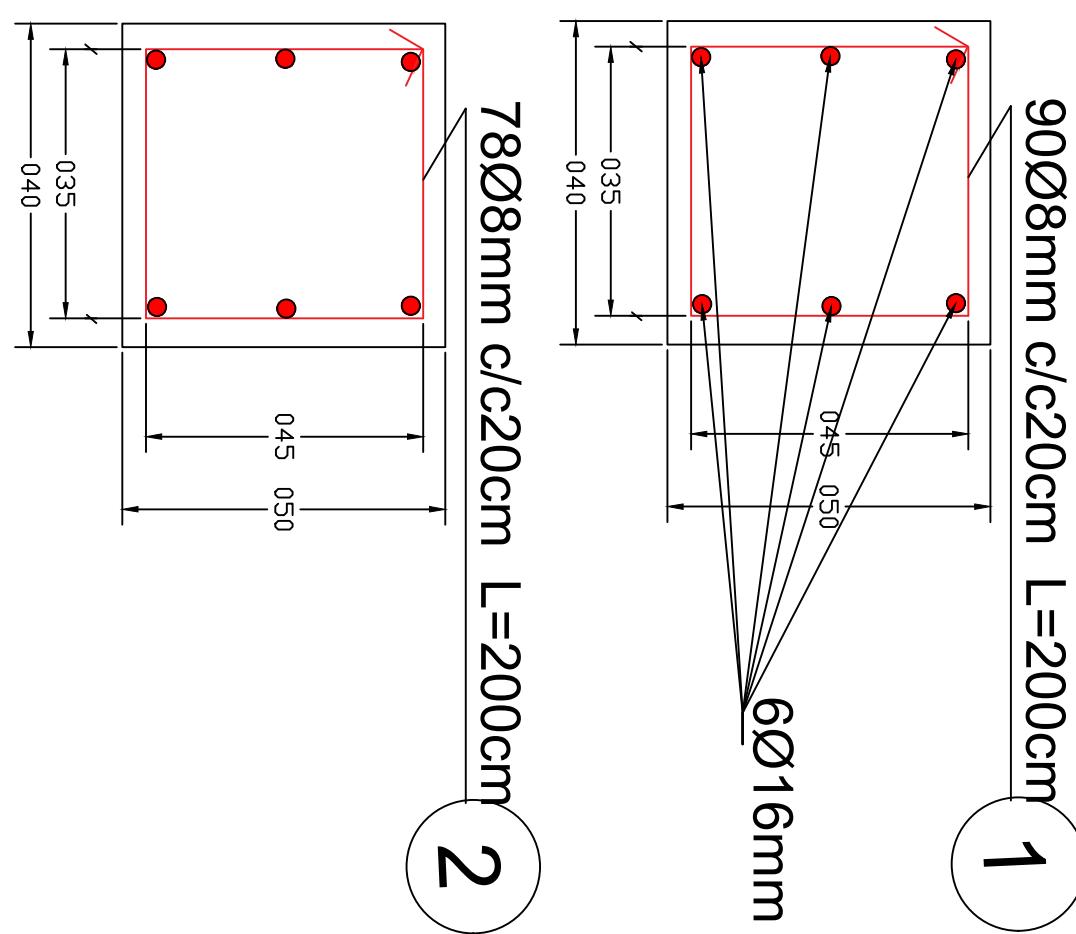
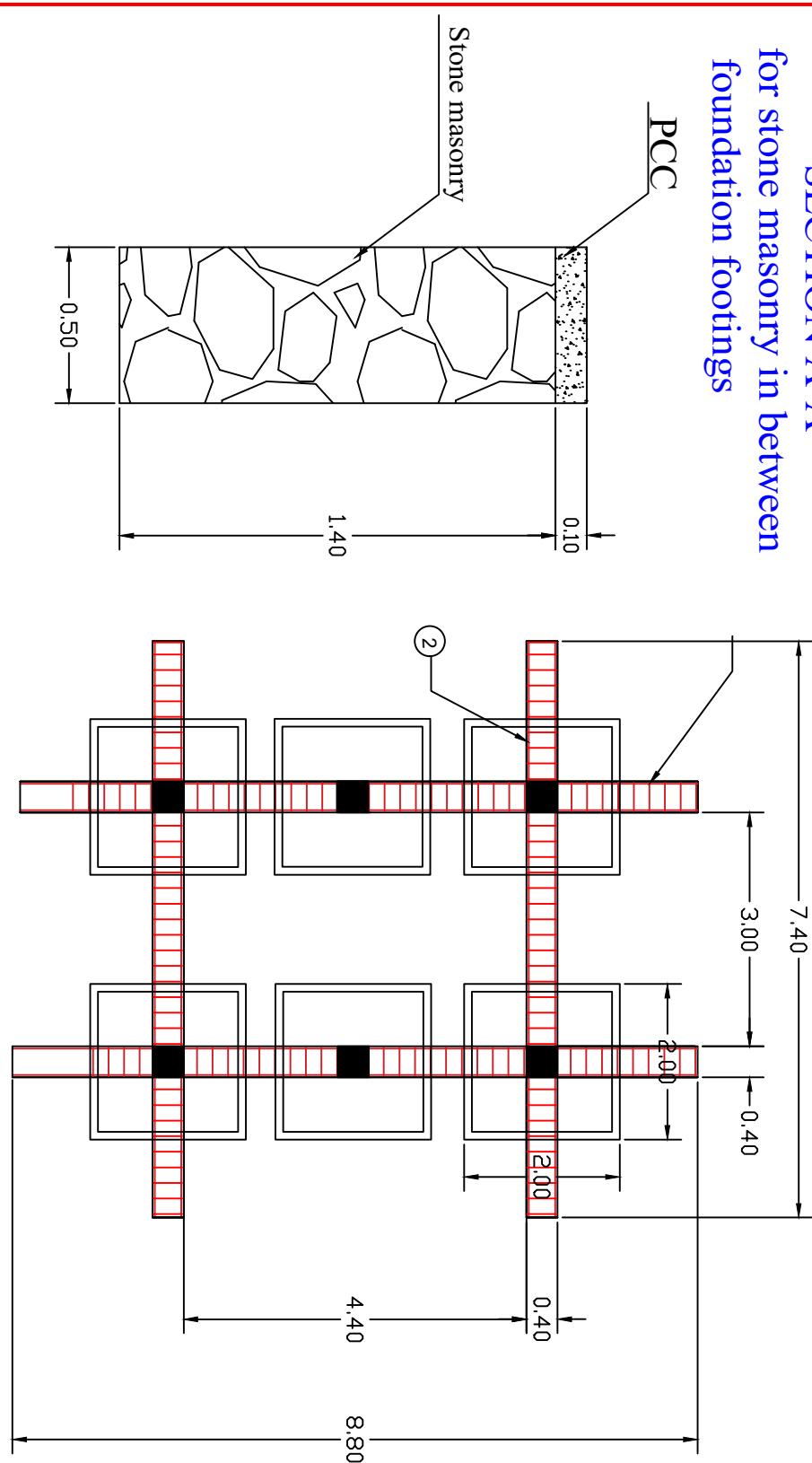


<input type="checkbox"/>	Nc	Date	Revision	Survey by
1				Structural.D. by
2				Drawn by
3				Approved by

MINISTRY OF EDUCATION AFGHANISTAN OFFICE: PROGRAM:WATER SUPPLY ENGINEERING DEPARTMENT	Scale Date Drawing No.	1 : 100 25 09 17 ST-01	Province District Village	01 01 Project name: RCC elevated Water reservoir 30.0 m ³
--	------------------------------	------------------------------	---------------------------------	---

PLAN STEEL BAR OF RING BEAM ABOVE FOUNDATION

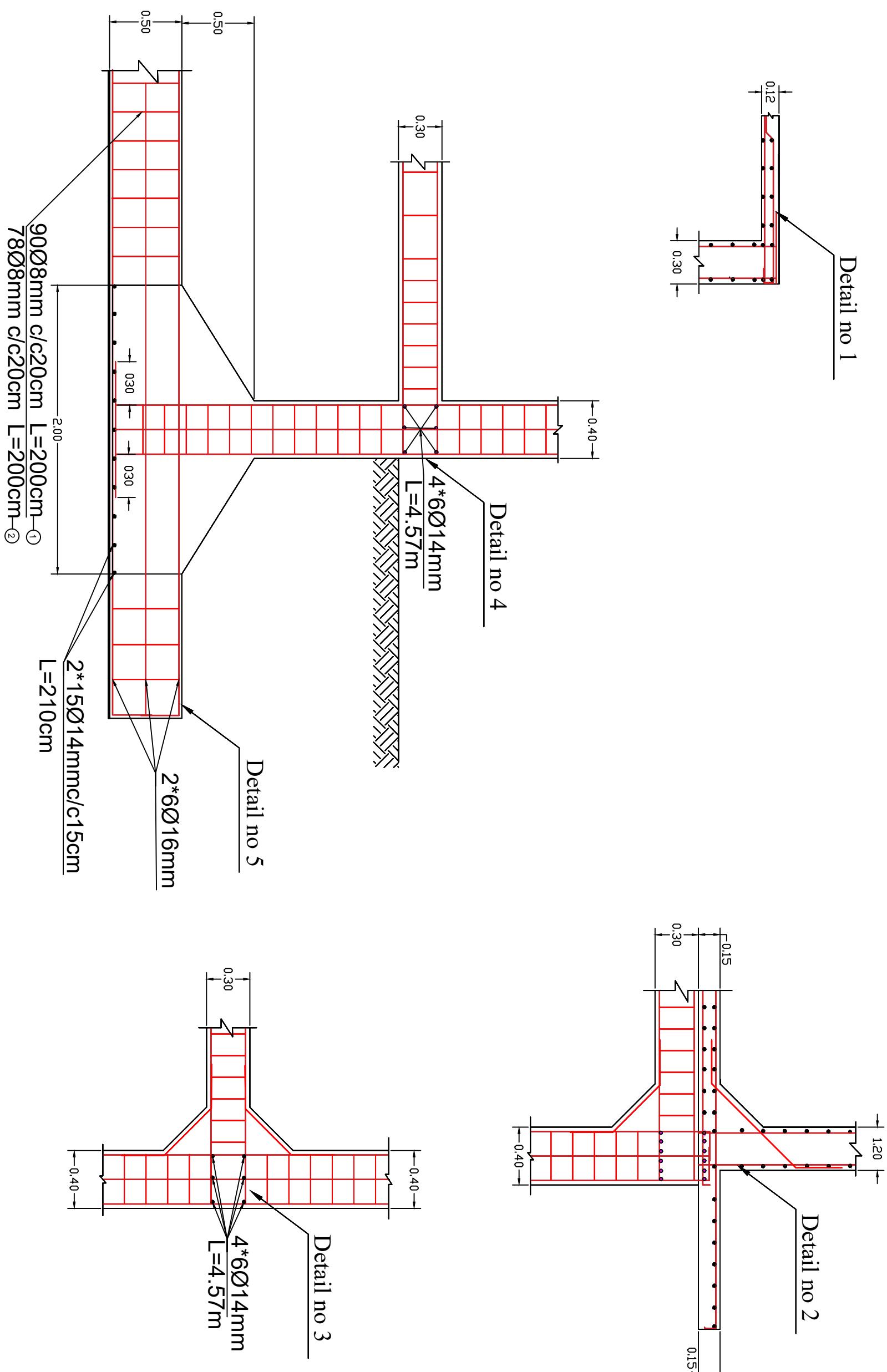
**SECTION A-A
for stone masonry in between
foundation footings**



<input type="checkbox"/>	<input type="checkbox"/>
No	Date
1	Survey by
2	Structural D. by
3	Drawn by
	Approved by

MINISTRY OF EDUCATION AFGHANISTAN OFFICE: PROGRAM:WATER SUPPLY ENGINEERING DEPARTMENT	Scale 1 : 100 2 : 01 Date 25 09 17 Drawing No. ST-01 Province District Project name: RCC elevated Village Water reservoir 30.0 m ³
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REINFORCEMENT WITH DETAILS

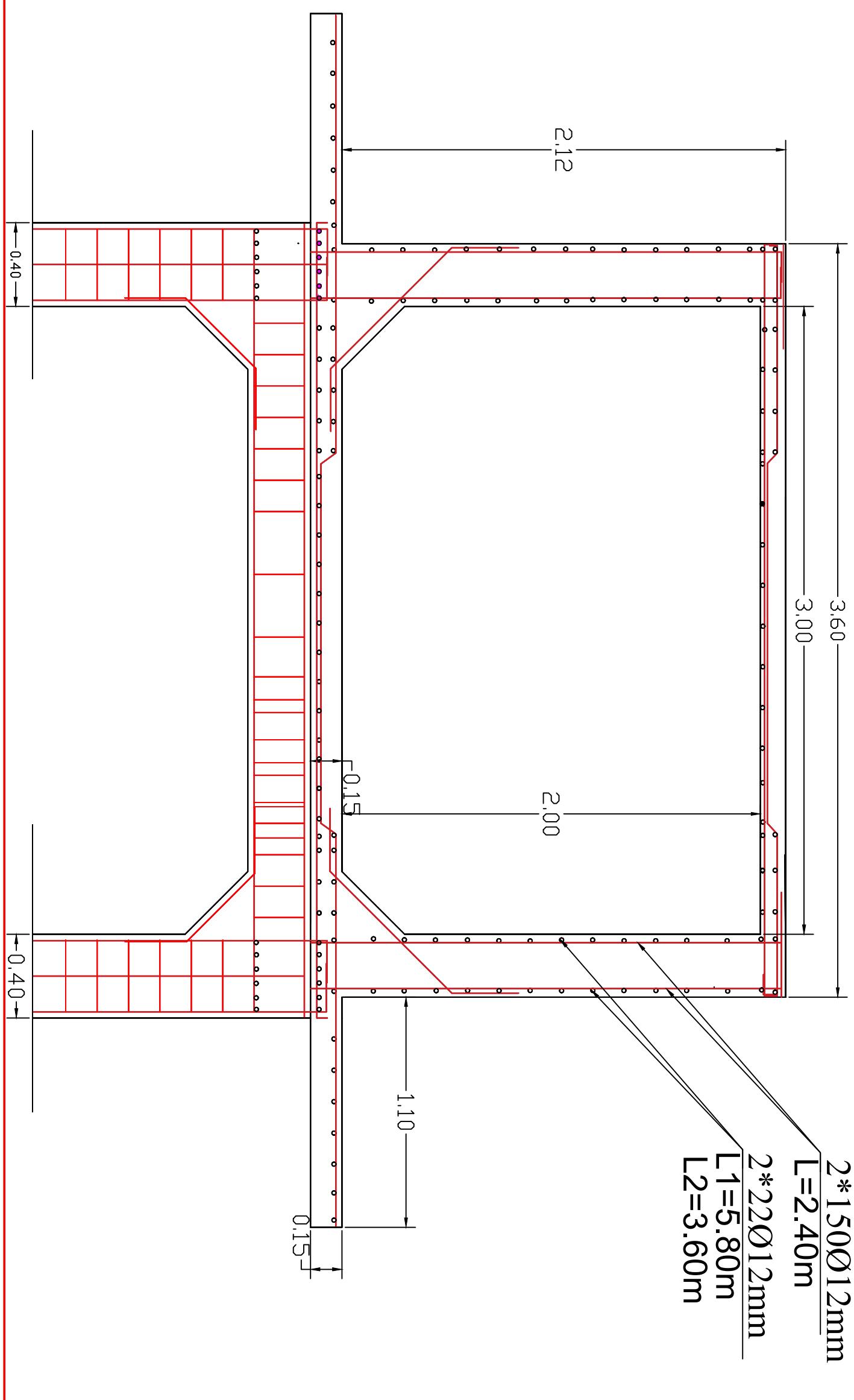


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N ^o	Date
1	Survey by
2	Structural D. by
	Drawn by
	PROGRAM:WATER SUPPLY
	ENGINEERING DEPARTMENT

MINISTRY OF EDUCATION AFGHANISTAN
OFFICE :
Province

Scale	1 : 100
Date	25 09 17
	01

RESERVOIR REINFORCEMENT DETAILS

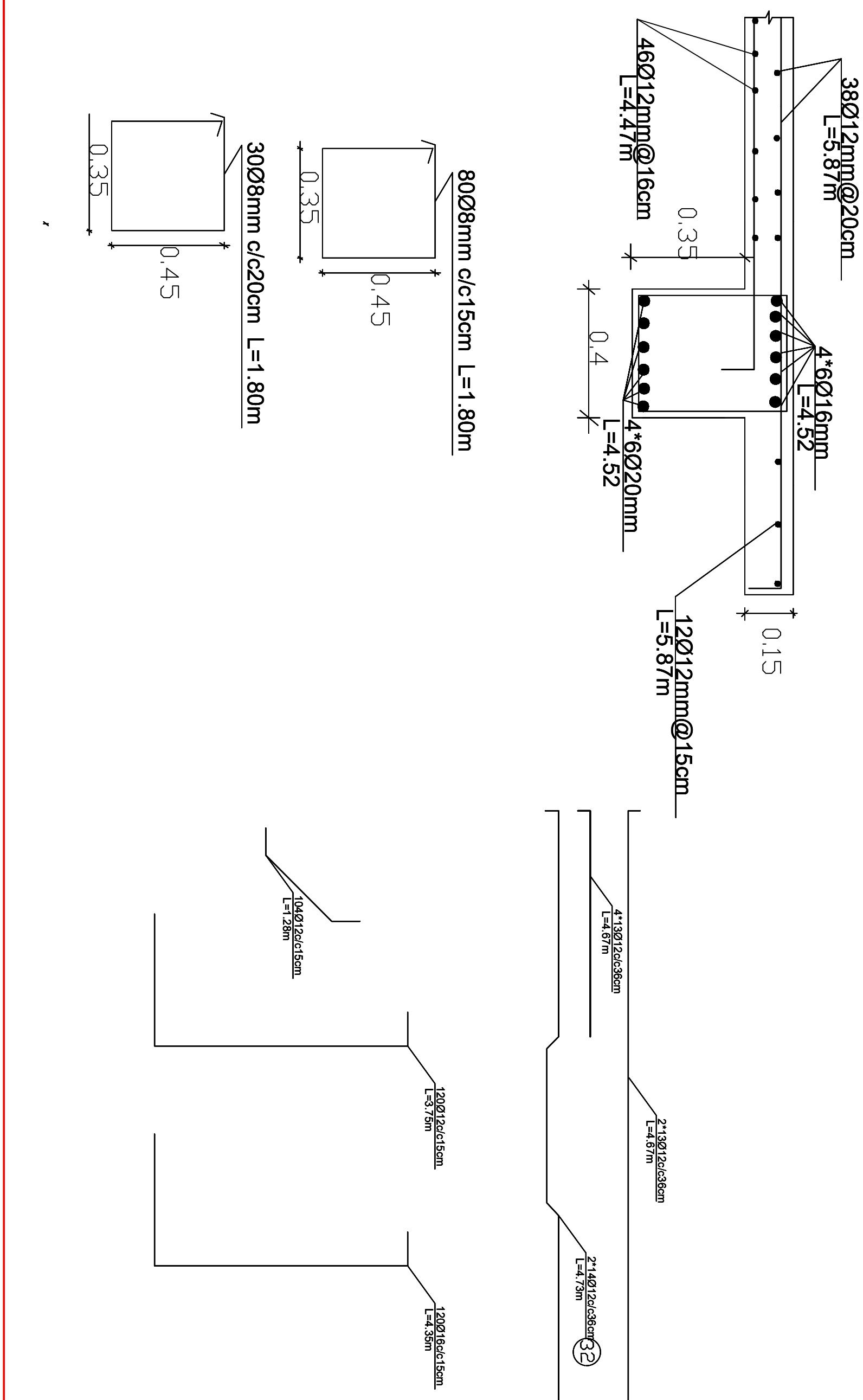


No	Date	Revision	Survey by
1			Structural D. by
2			Drawn by
3			Approved by

MINISTRY OF EDUCATION AFGHANISTAN	Scale	1 : 500
OFFICE:	Village 01	2
PROGRAM: WATER SUPPLY	District	01
ENGINEERING DEPARTMENT	Drawing No.	ST-01

Project name: RCC elevated Water reservoir 300 m³
Drawing title: Plan & sections
Village

Reinforcement details for detail no 2



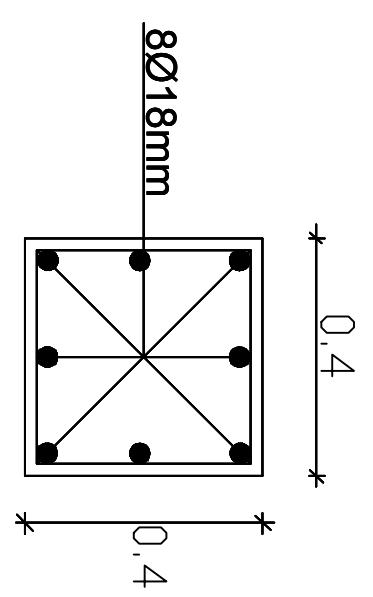
<input type="checkbox"/>	No	Date	Revision	Survey by
1				Structural.D. by
2				Drawn by
3				Approved by

MINISTRY OF EDUCATION AFGHANISTAN
OFFICE:
PROGRAM:WATER SUPPLY
ENGINEERING DEPARTMENT

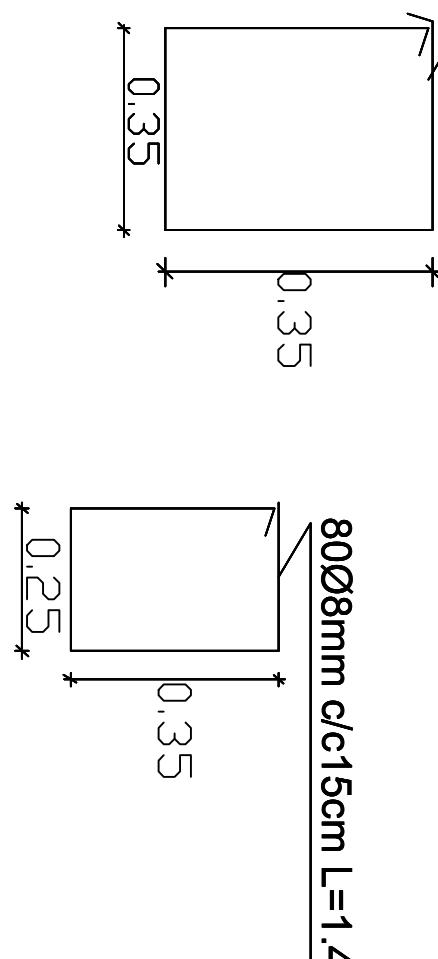
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Date 25 09 17
Drawing No. ST-01
Village

Project name: RCC elevated
Water reservoir 300 m³
Drawing title: Plan & sections

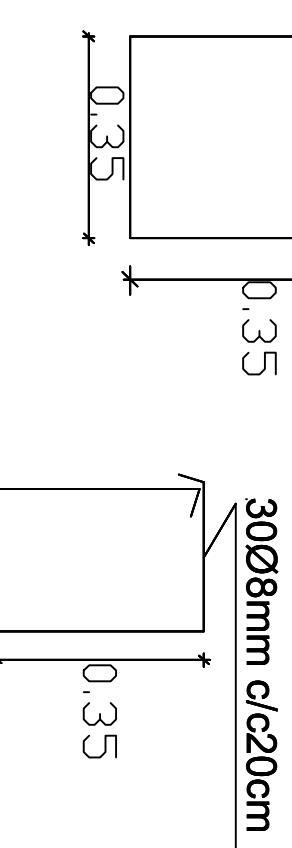
Section details for Columns



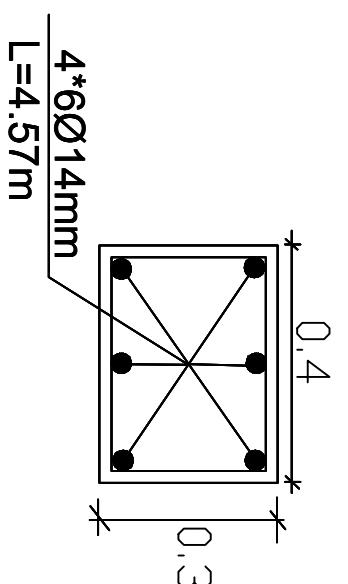
4*45 Ø8mm c/c15cm L=1.6m



4*14Ø 8mm c/c25cm L=1.6m



Section details for Beams



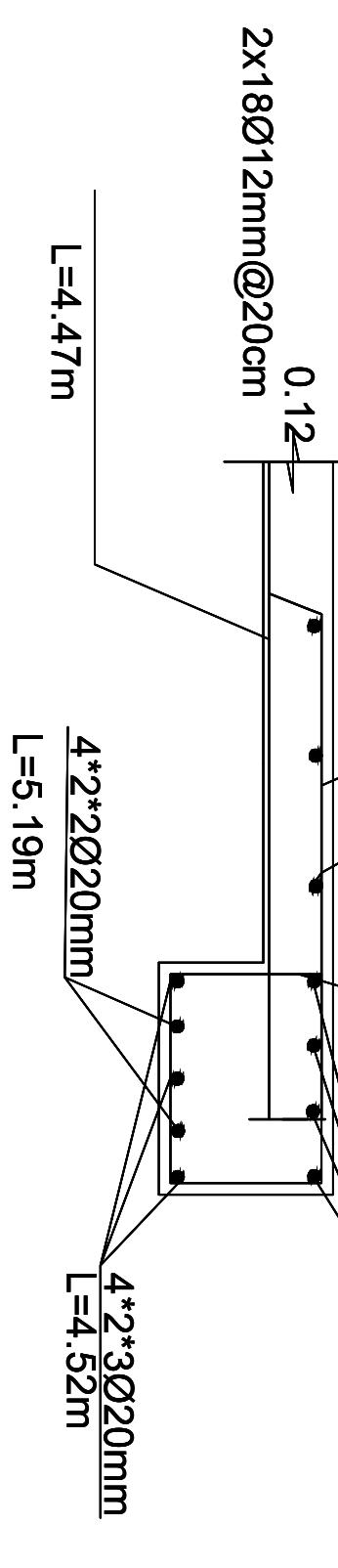
12Ø12mm c/c20cm
L=4.47m (temp)

100Ø8mm
L=1.4m

4*2*4Ø14mm
L=4.52m

2x18Ø12mm@20cm
L=4.47m

4*2*2Ø20mm
L=5.19m



30Ø8mm c/c20cm

4*2*3Ø20mm
L=4.52m

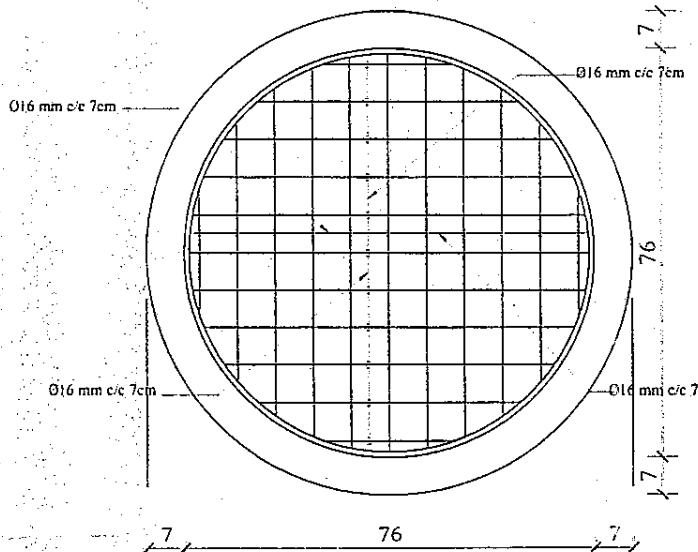
0,35
0,35
0,25

MINISTRY OF EDUCATION AFGHANISTAN
OFFICE:
PROGRAM:WATER SUPPLY
ENGINEERING DEPARTMENT

No	Date	Revision	Survey by
1			Structural.D. by
2			Drawn by
3			Approved by

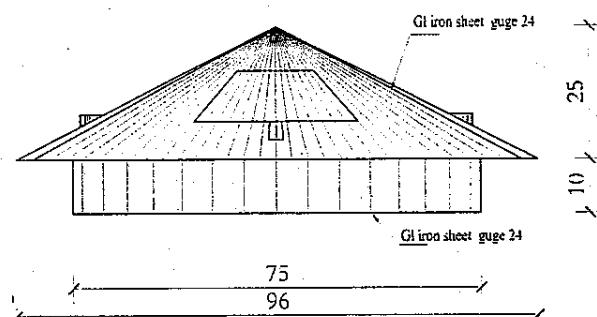
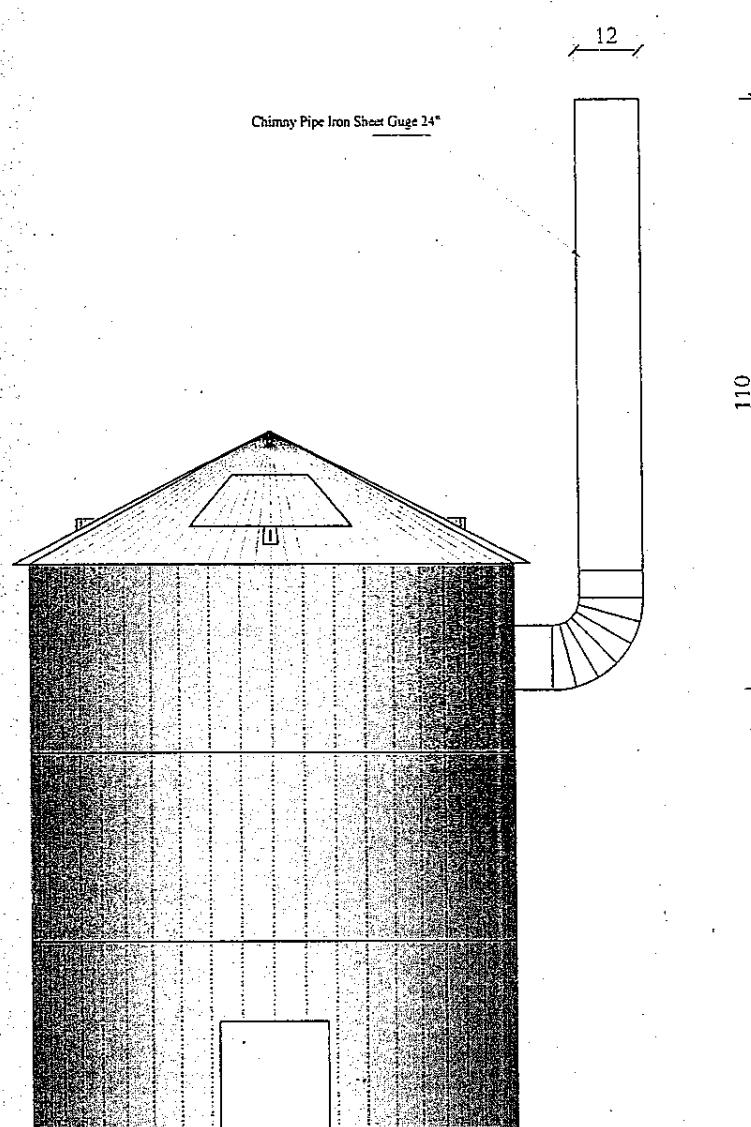
Scale	1 : 500
Date	25 09 17
Drawing No.	ST-01

Project name: RCC elevated
Water reservoir 300 m³
Drawing title: Plan & sections

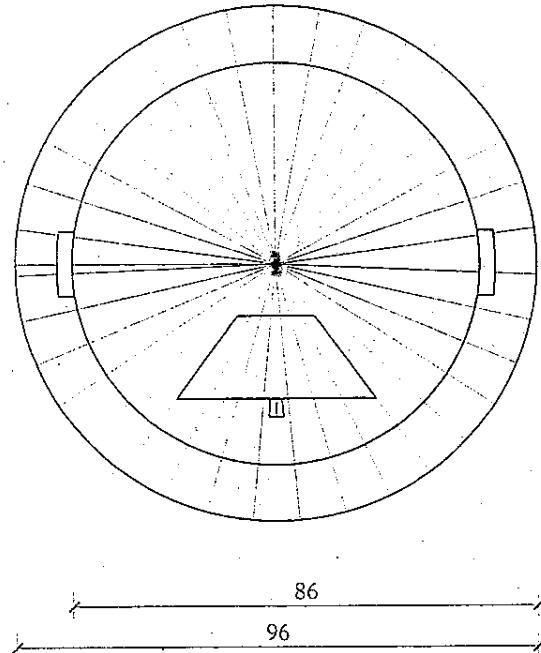
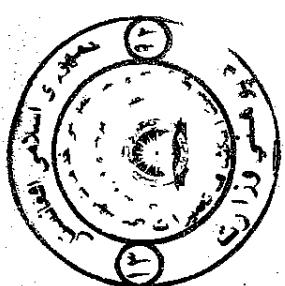


Code 201/240 Lit.

BASKET PRICE 3000 AFGHANIS. (1)



View of Iron Sheet Cover guge 24"



Plan of Iron Sheet ·Cover guge 24"