



*Islamic Republic of Afghanistan
Ministry of Interior affairs
Central Prison directorate
Construction department*



Project Name : Construction of Kundoz Prison (Phase I)

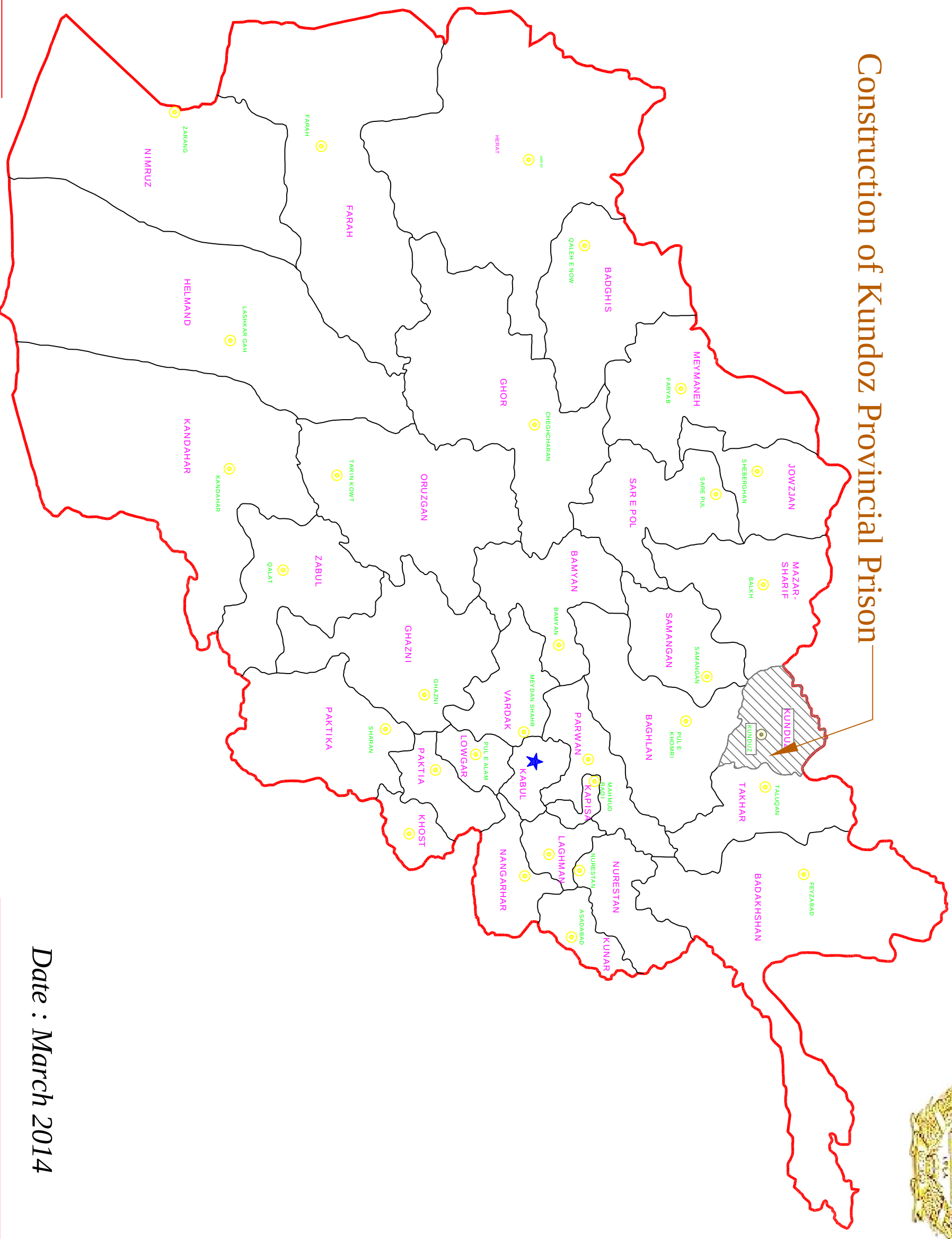
Technical drawings for the construction of boundary wall, Guard tower, Checkpoint & Guard house

Address : District # 4 Charahi Lab Jar behind of Khorasan Hotel -Kabul Afghanistan

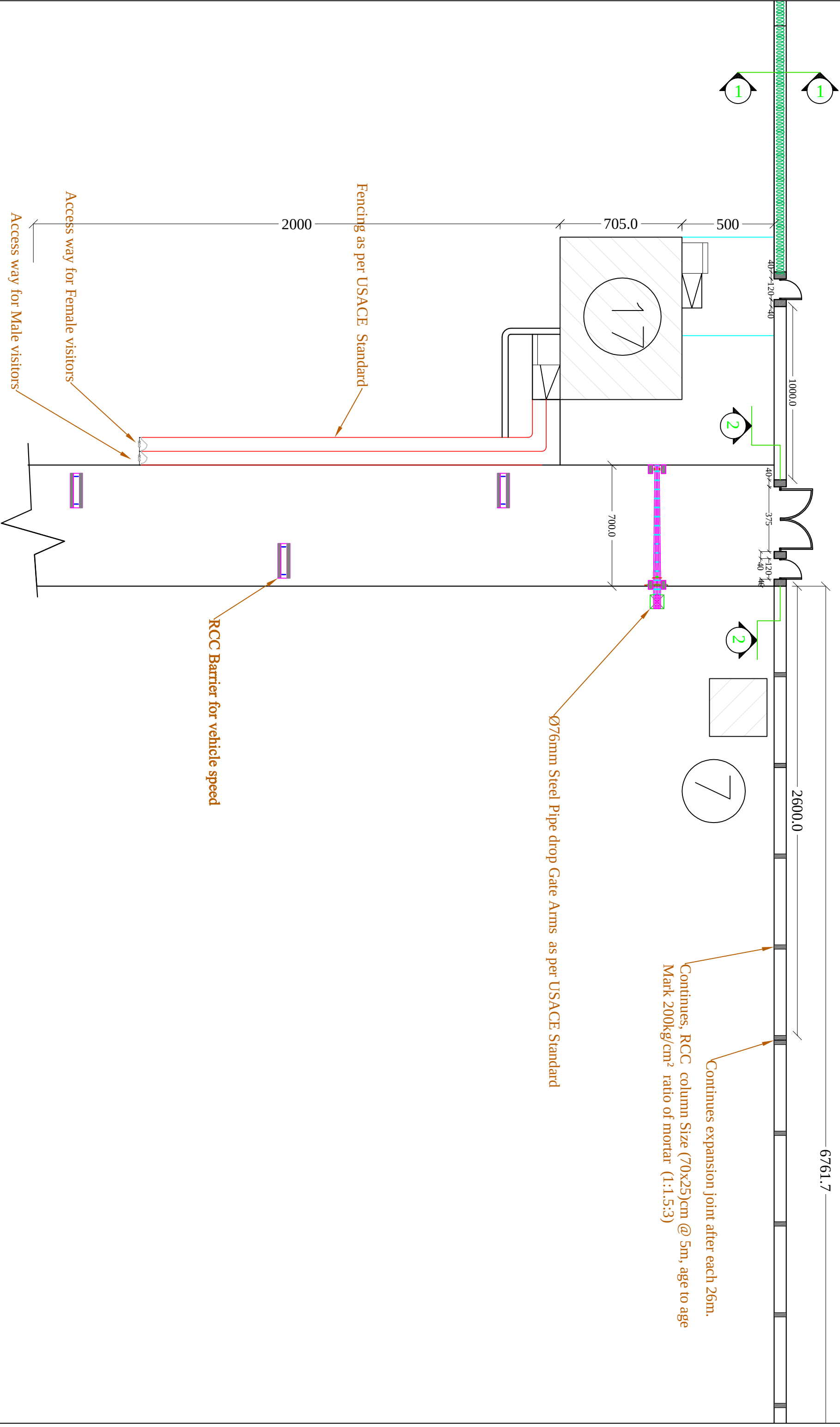
Date : March 2014



Construction of Kunduz Provincial Prison



Date : March 2014



Central Prison Directorate (CPD)

Islamic Republic of Afghanistan , Ministry of Interior

PROJECT NAME:- Construction of Boundary wall in Kundoz prison

CPD, Engineering Department

Drawn By ..

Design By

Approved by Central Prison Directorate (CPD)

Denomination Access way details

Revision

Scale

Date

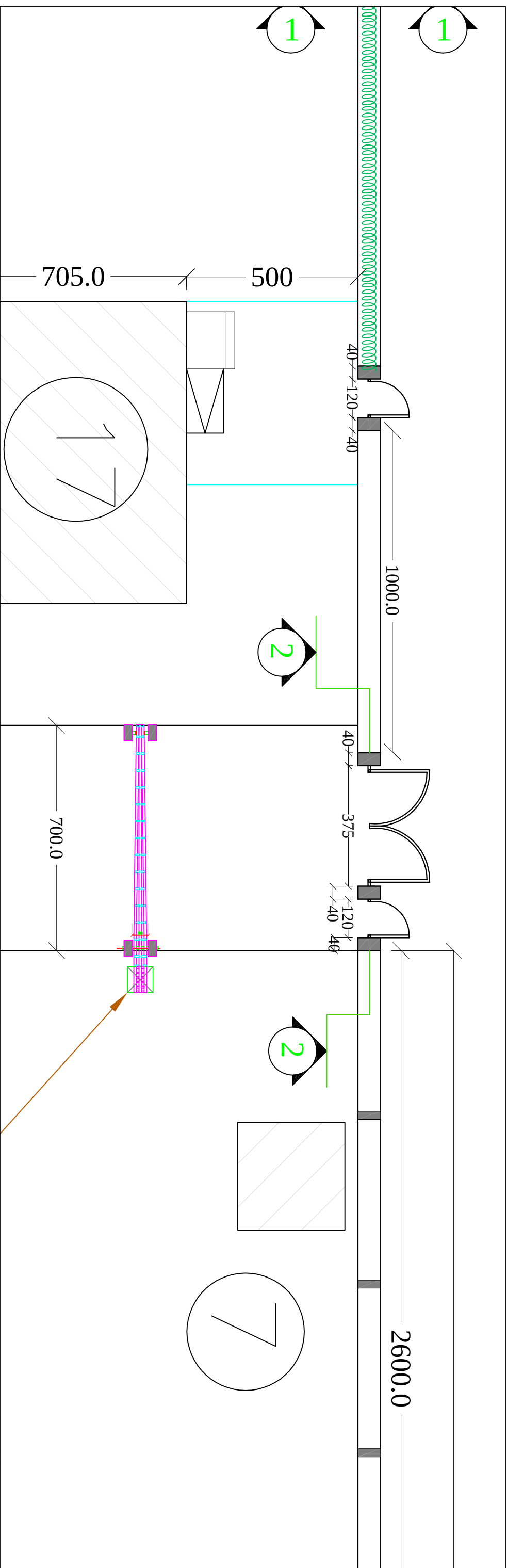
without scale

22 Oct. 2013

2 of 8

District 10 Sadorad Square Kabul - Afghanistan

Tel : 0093 020 220 32 45



✓Hole for rain water size (60x60)cm
for grill shall be use Ø25 @ 10cm C/C

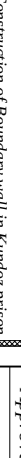
Continues Concertina wire.

Ø76mm Steel Pipe drop Gate Arms as per USACE Standard

Continues expansion joint



Central Prison Directorate (CPD)



PROJECT NAME :- Construction of Boundary wall in Kunduz prison

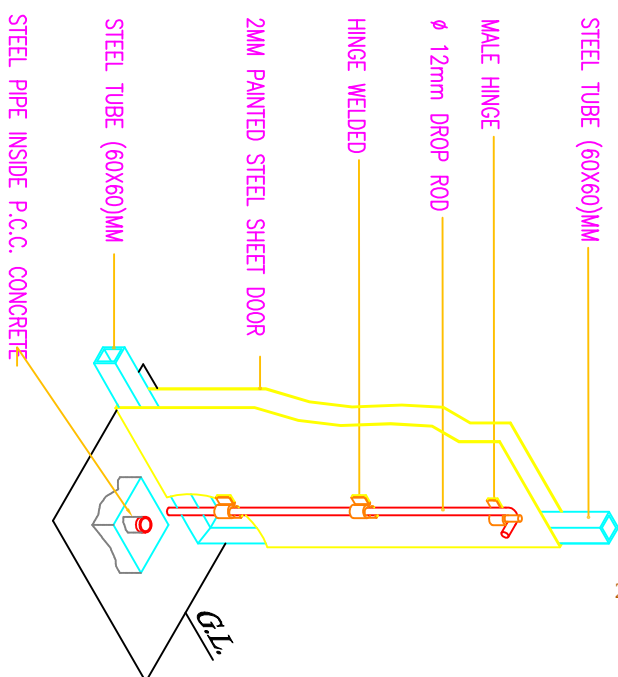
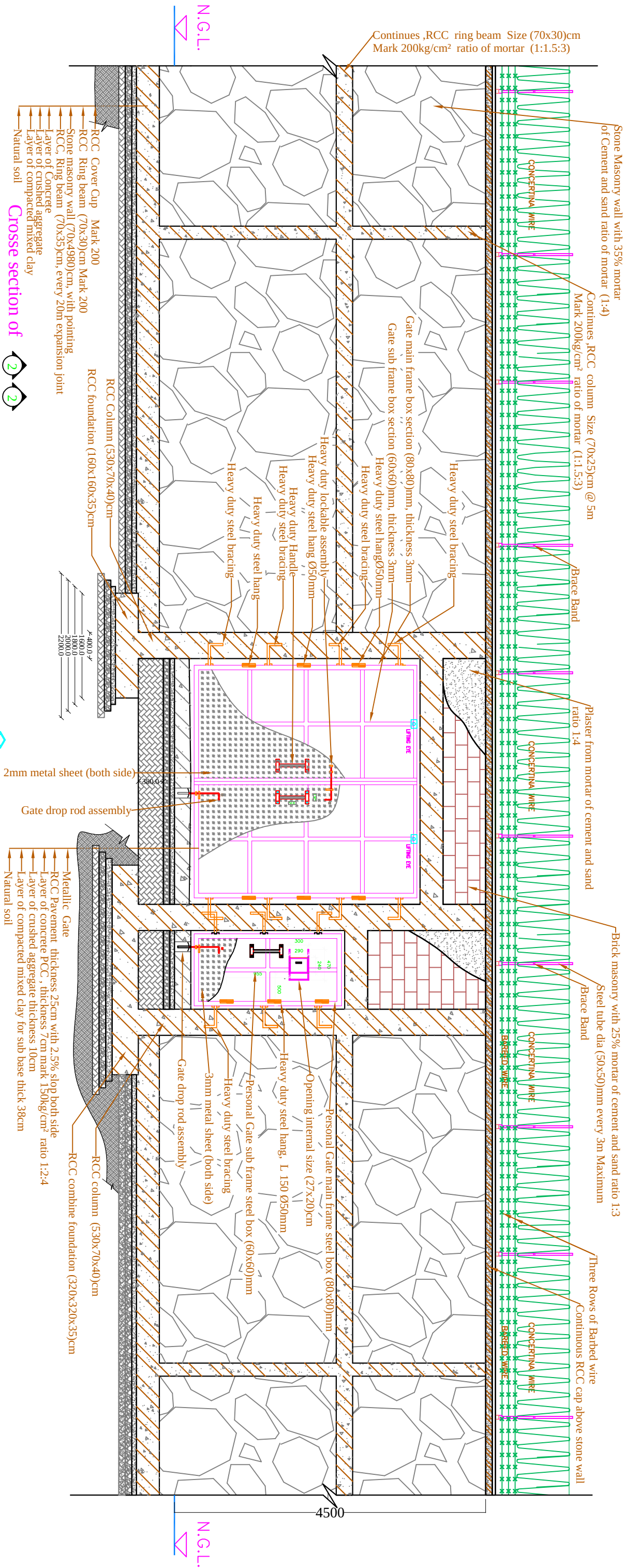
CPD, Engineering Department		Fencing as per USACE Standard		Revision	
Drawn By	..	Scale	without scale		
Design By	.	Date	22 Oct, 2013		
Approved by	Central Prison Directorate (CPD)	Drawing code	CPD - 03		
Denomination	Detail of access way	Sheet Number	3 of 8		



Islamic Republic of Afghanistan , Ministry of Interior

Address:- District 10 Salarad Square Kabul - Afghanistan

Tell : 0093 020 220 32 45





Central Prison Directorate (CPD)



PROJECT NAME :- Construction of Boundary wall in Kundoz prison

CPD, Engineering Department		Revision		Revision	
Drawn By	..		Scale	without scale	
Design By	.		Date	22 Oct, 2013	
Approved by	Central Prison Directorate (CPD)		Drawing code	CPD - 03	
Denomination	Wall and Gate details		Sheet Number	4 of 8	

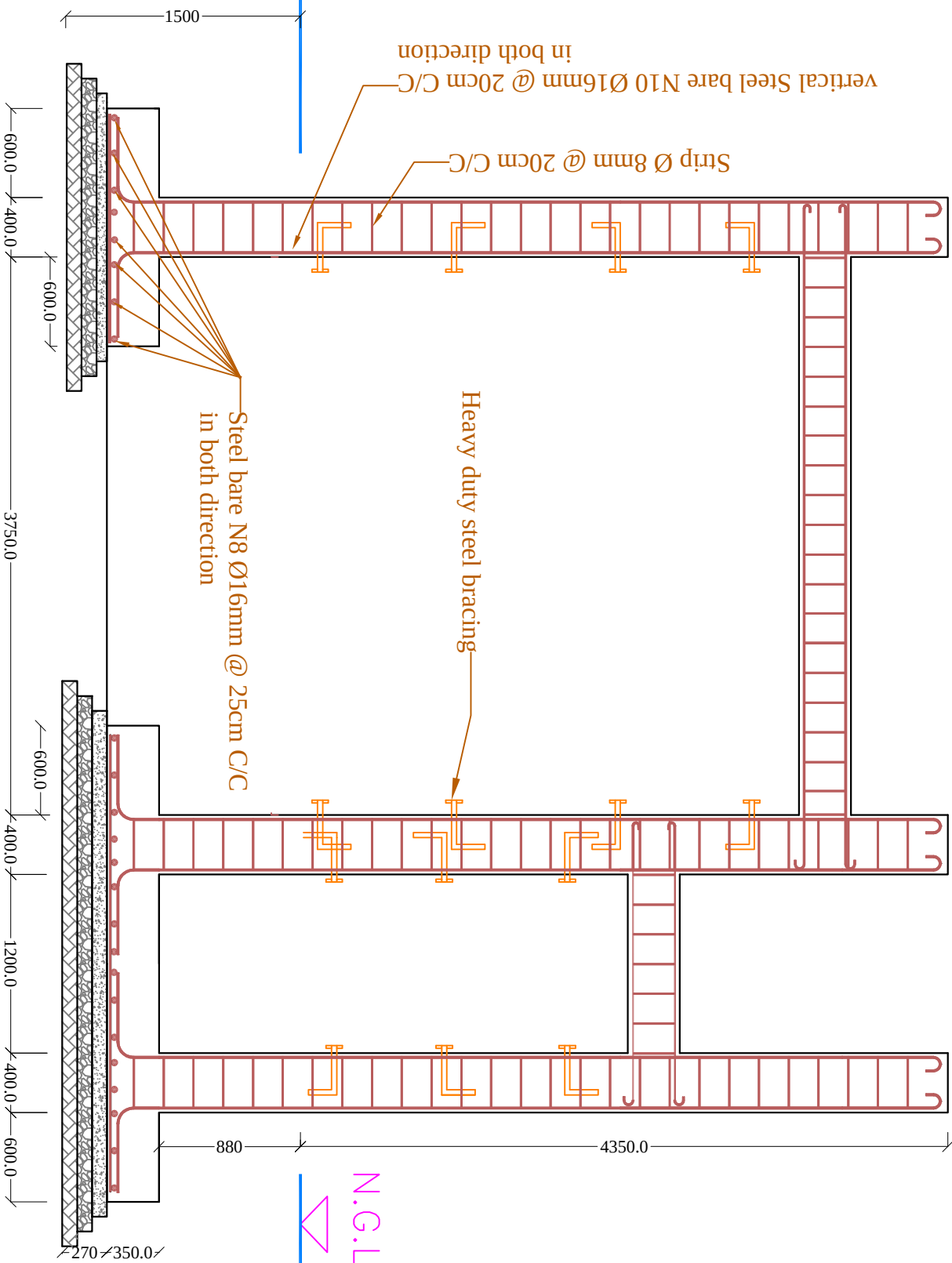


Islamic Republic of Afghanistan , Ministry of Interior

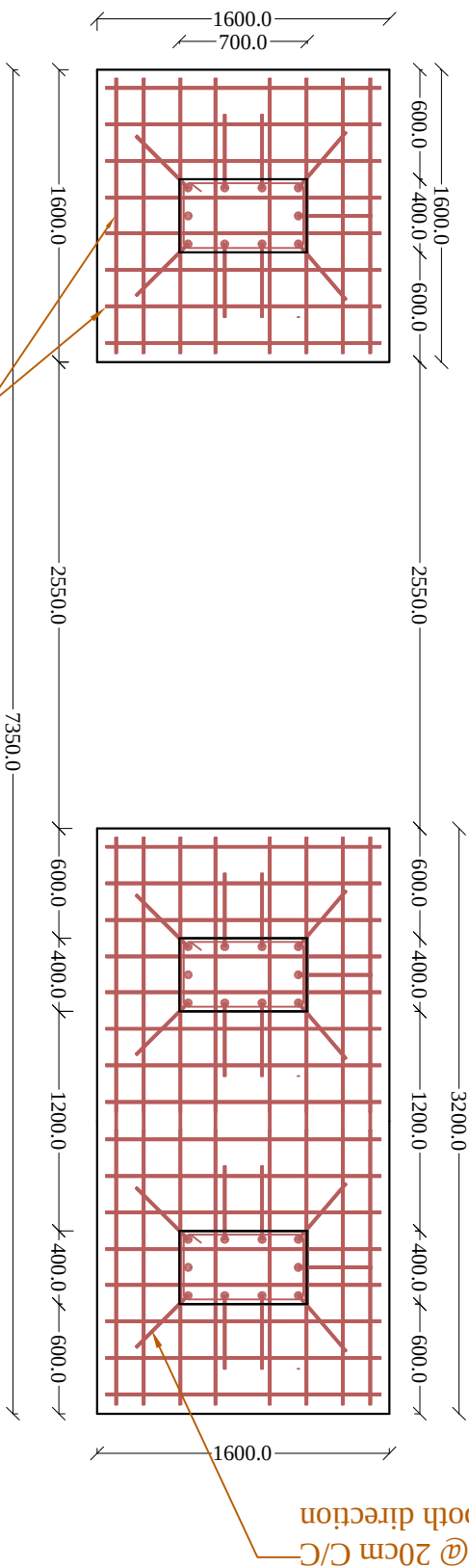
Address: District 10 Sadard Square Kabul - Afghanistan

Tel : 0093 020 220 32 45

N.G.L.



N.G.L.



Details of RCC Column and foundation for main entrance gate



Central Prison Directorate (CPD)

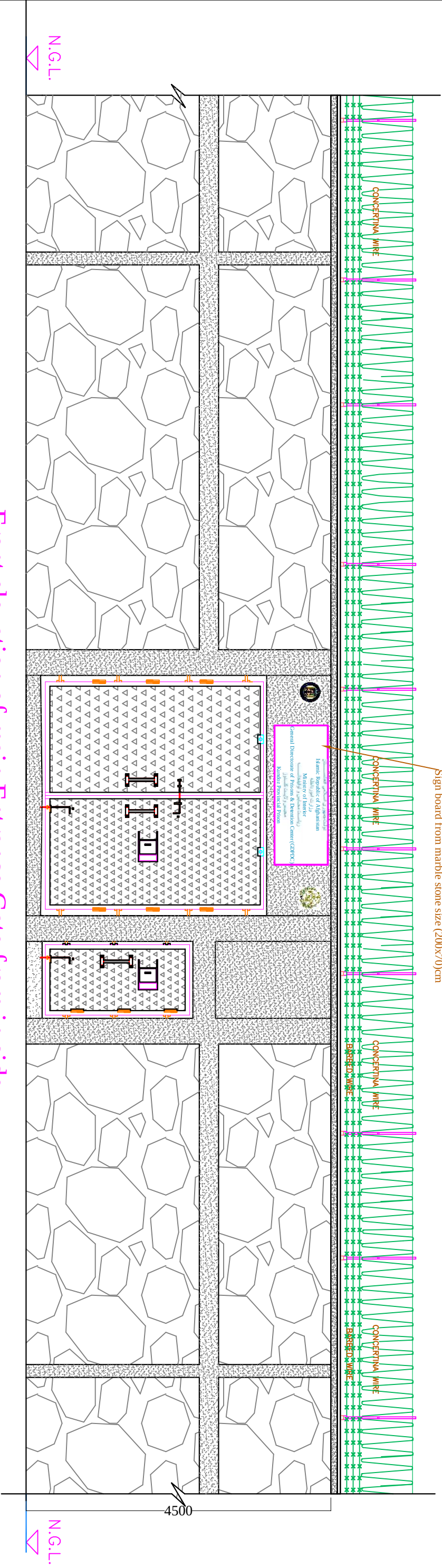
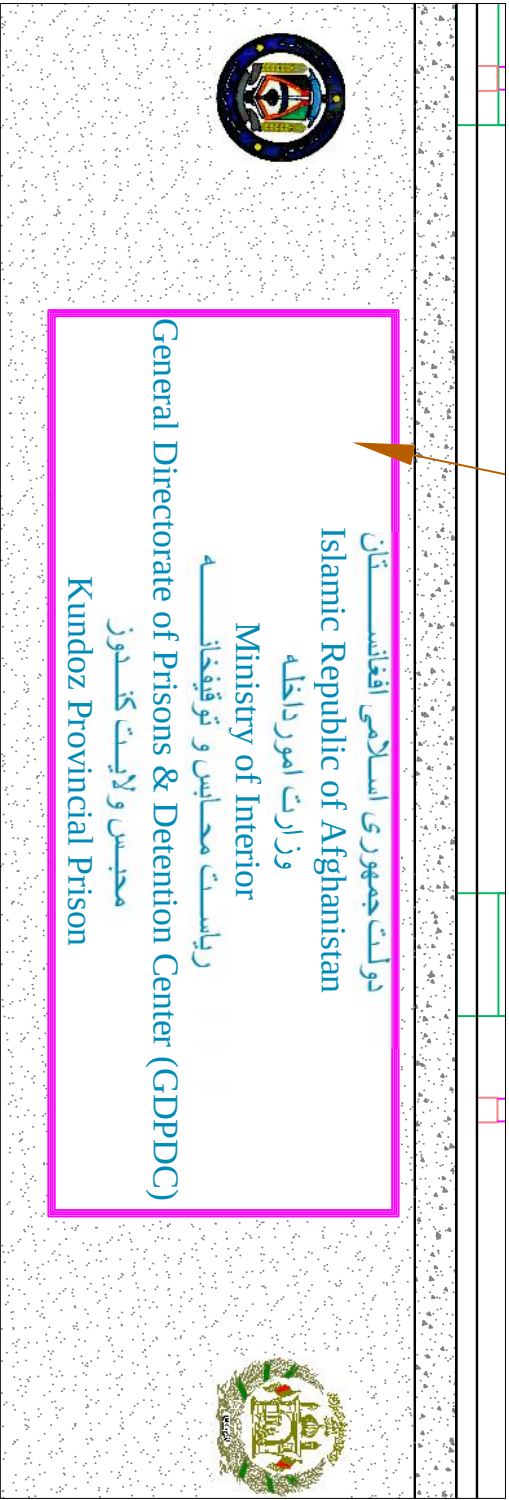
PROJECT NAME:-Construction of Boundary wall in Kundoz prison

CPD, Engineering Department			Revision		Scale		without scale		Revision		
Drawn By	..				Date	22 Oct, 2013					
Design By	.			Drawing code	CPD - 03						
Approved by	Central Prison Directorate (CPD)			Sheet Number	6 of 8						
Denomination	RCC COLUMN AND FOUNDATION DETAILS										



Islamic Republic of Afghanistan , Ministry of Interior

Address: District 10 Sadaat Square Kabul - Afghanistan
Tel : 0093 020 220 32 45



Front elevation of main Entrance Gate from in side

Central Prison Directorate (CPD)

PROJECT NAME:-Construction of Boundary wall in Kundoz prison

CPD, Engineering Department

Revision

Scale

without scale

Drawn By ..

Design By .

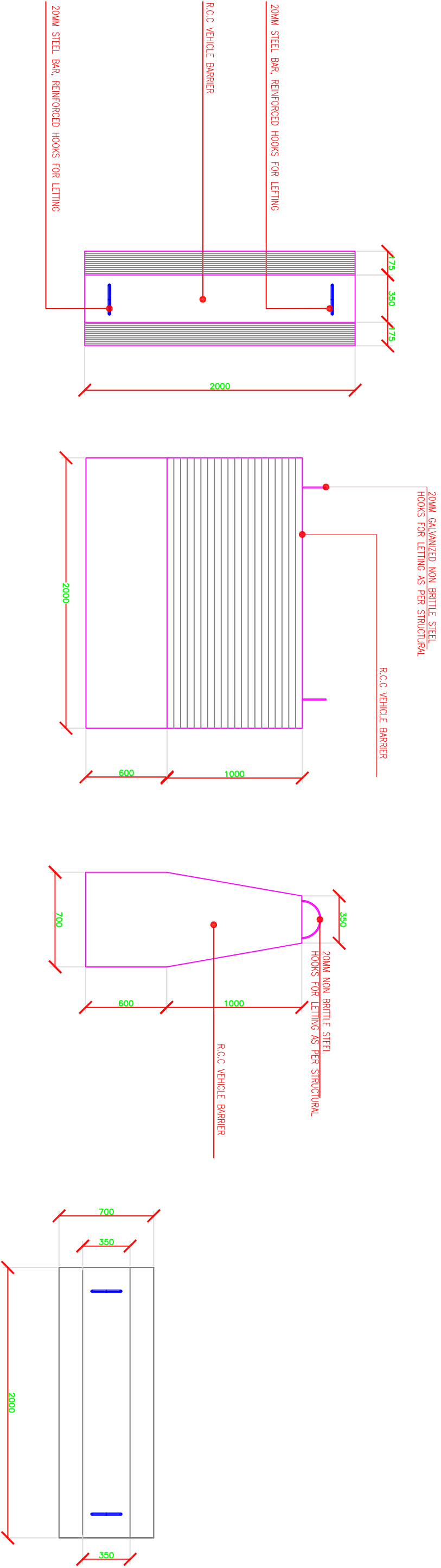
Approved by Central Prison Directorate (CPD)

Denomination FRONT ELEVATION OF BOUNDARY WALL

Islamic Republic of Afghanistan , Ministry of Interior

Address: District 10 Sadaat Square Kabul - Afghanistan

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Central Prison Directorate (CPD)

Islamic Republic of Afghanistan , Ministry of Interior

PROJECT NAME:-Construction of Boundary wall in Kundoz prison

CPD, Engineering Department

Revision

Scale

without scale

Revision

Drawn By ..

Design By .

Approved by Central Prison Directorate (CPD)

Denomination

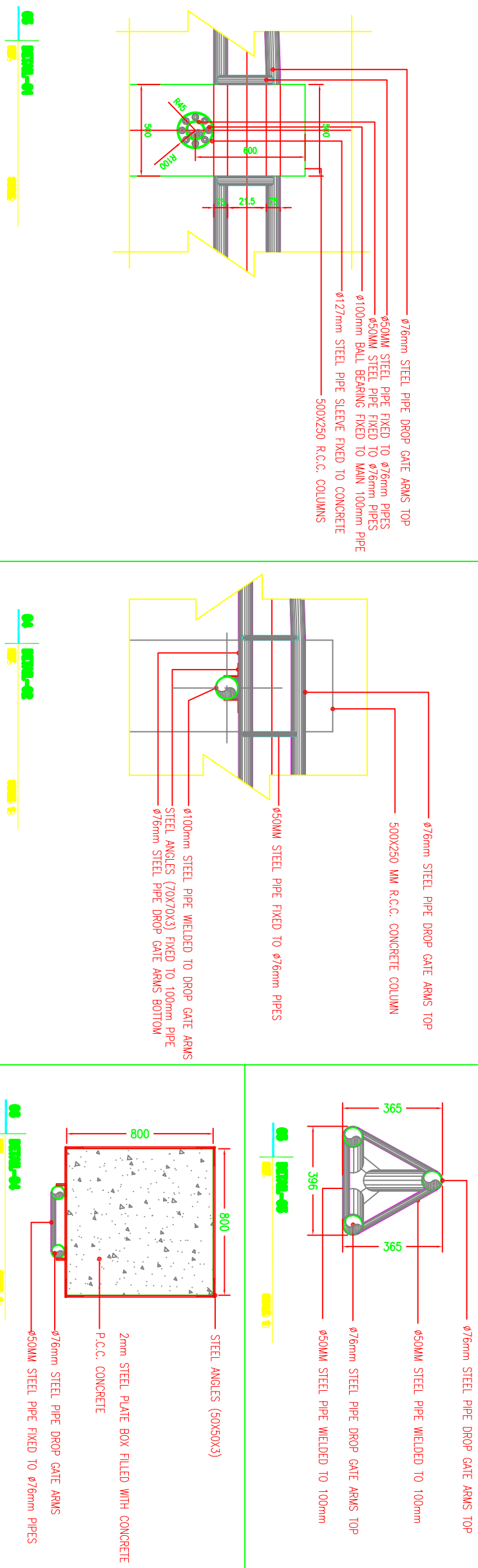
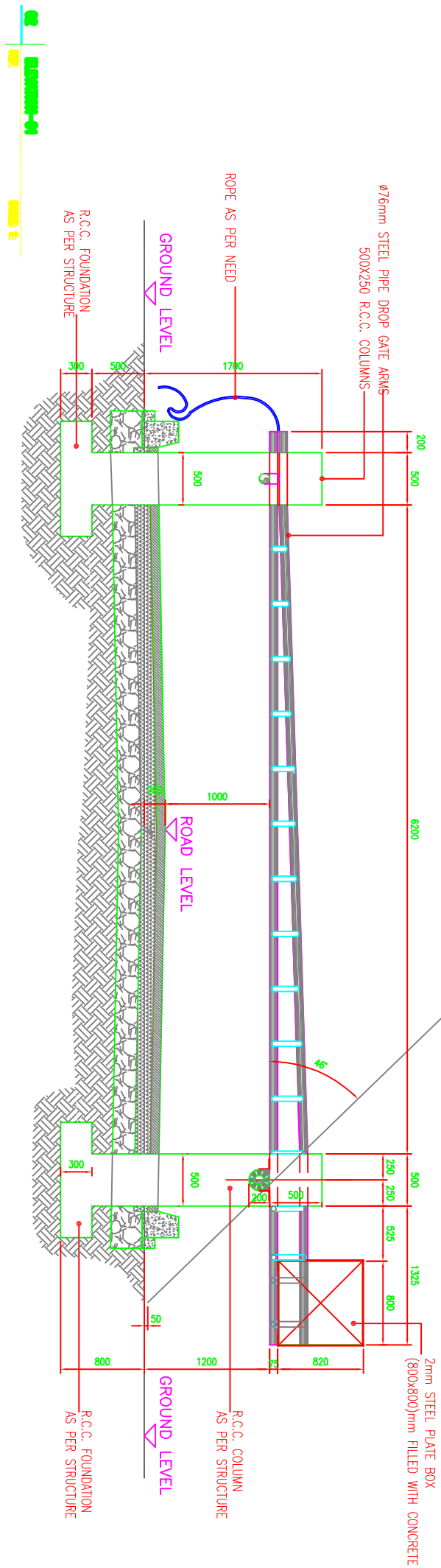
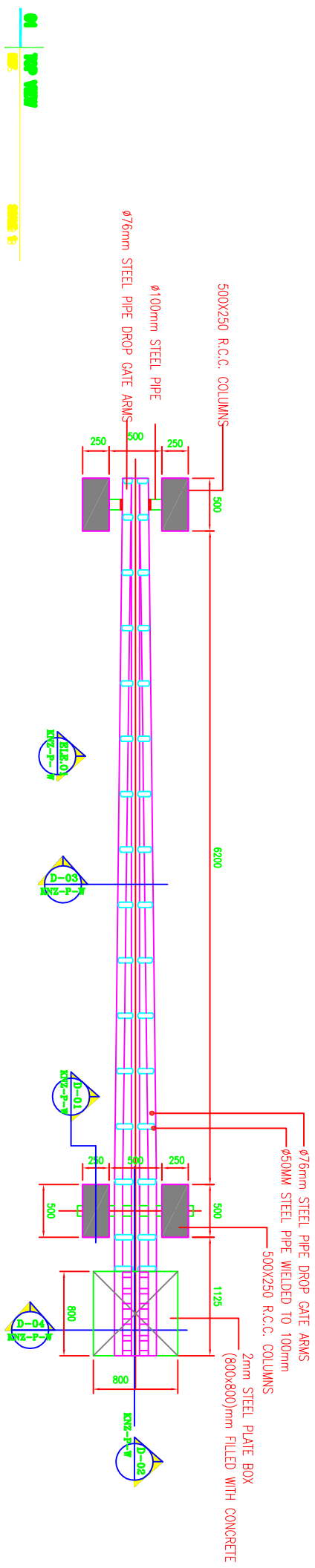
Date 22 Oct, 2013

Drawing code CPD - 03

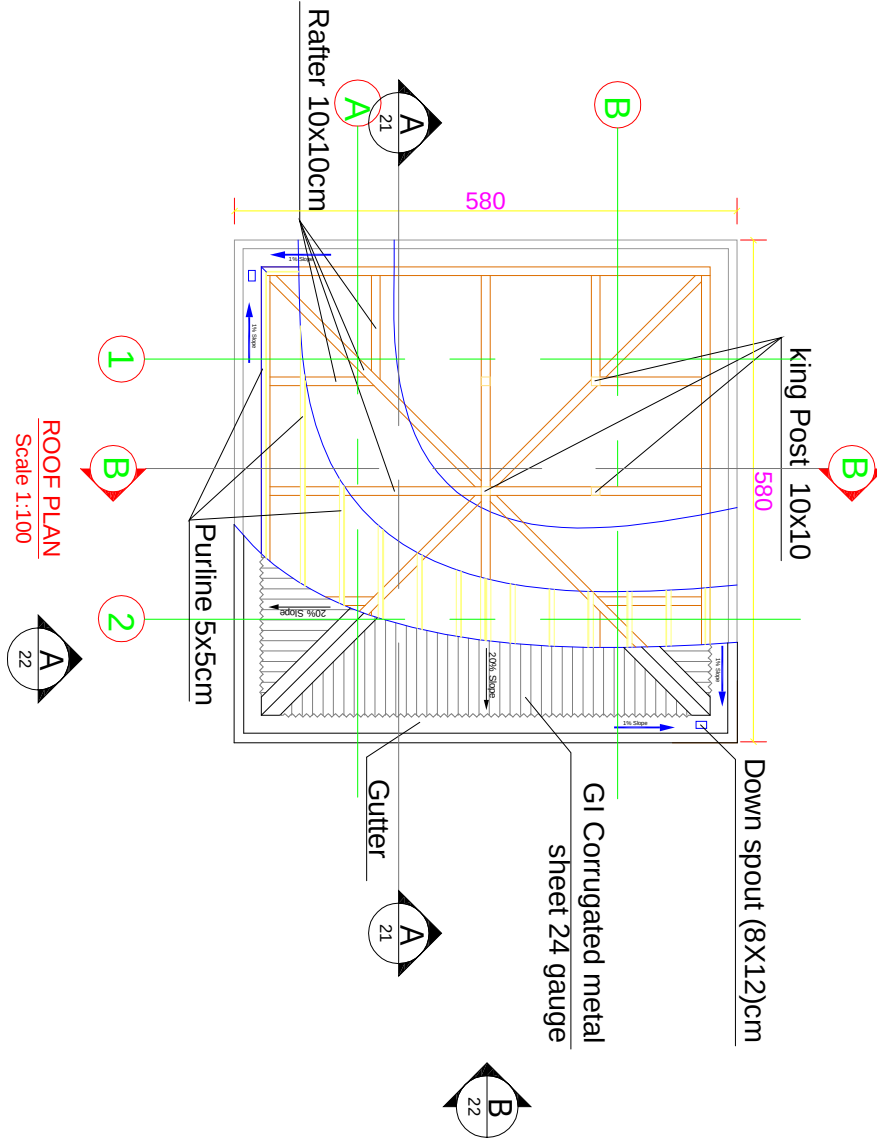
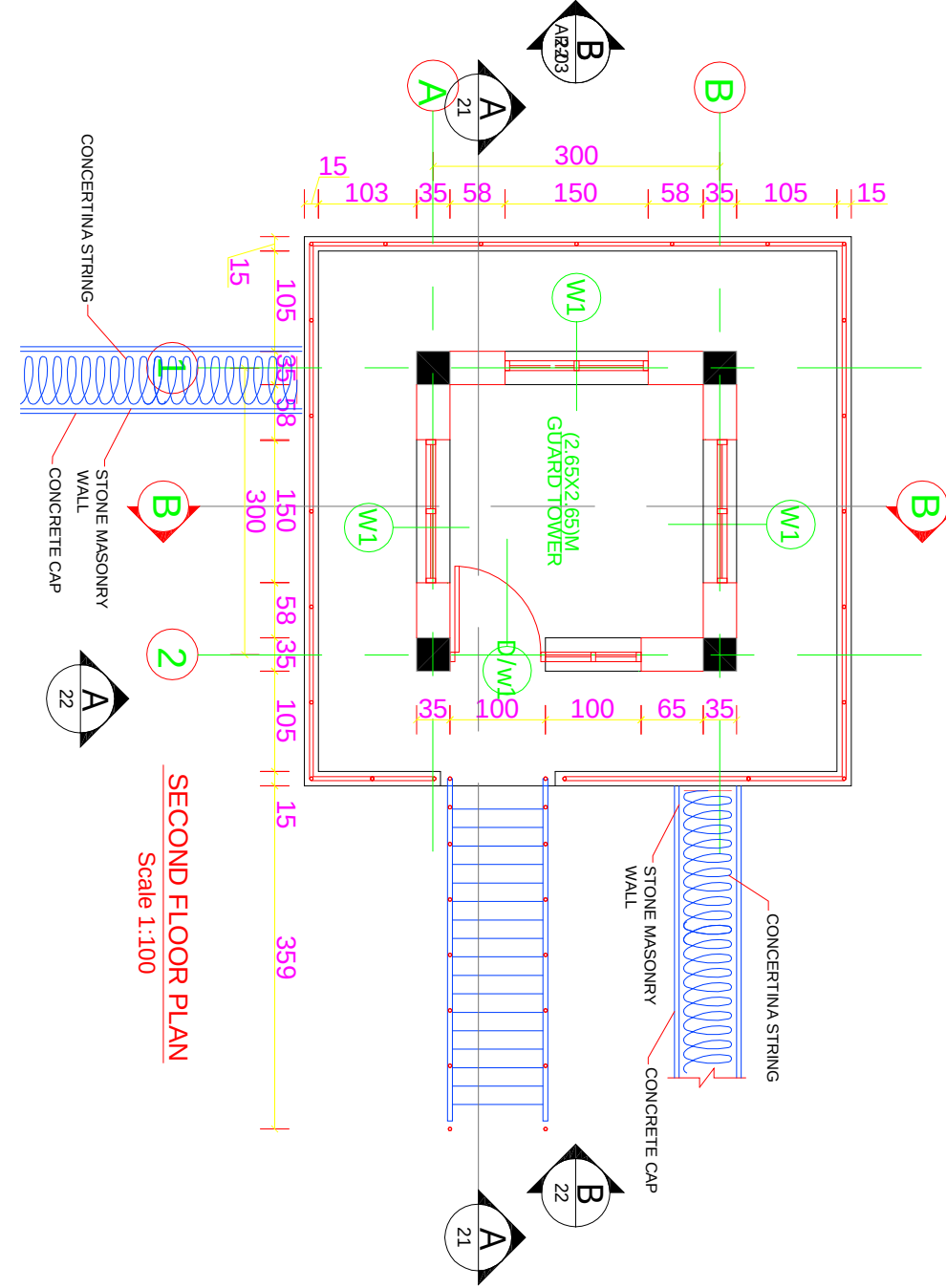
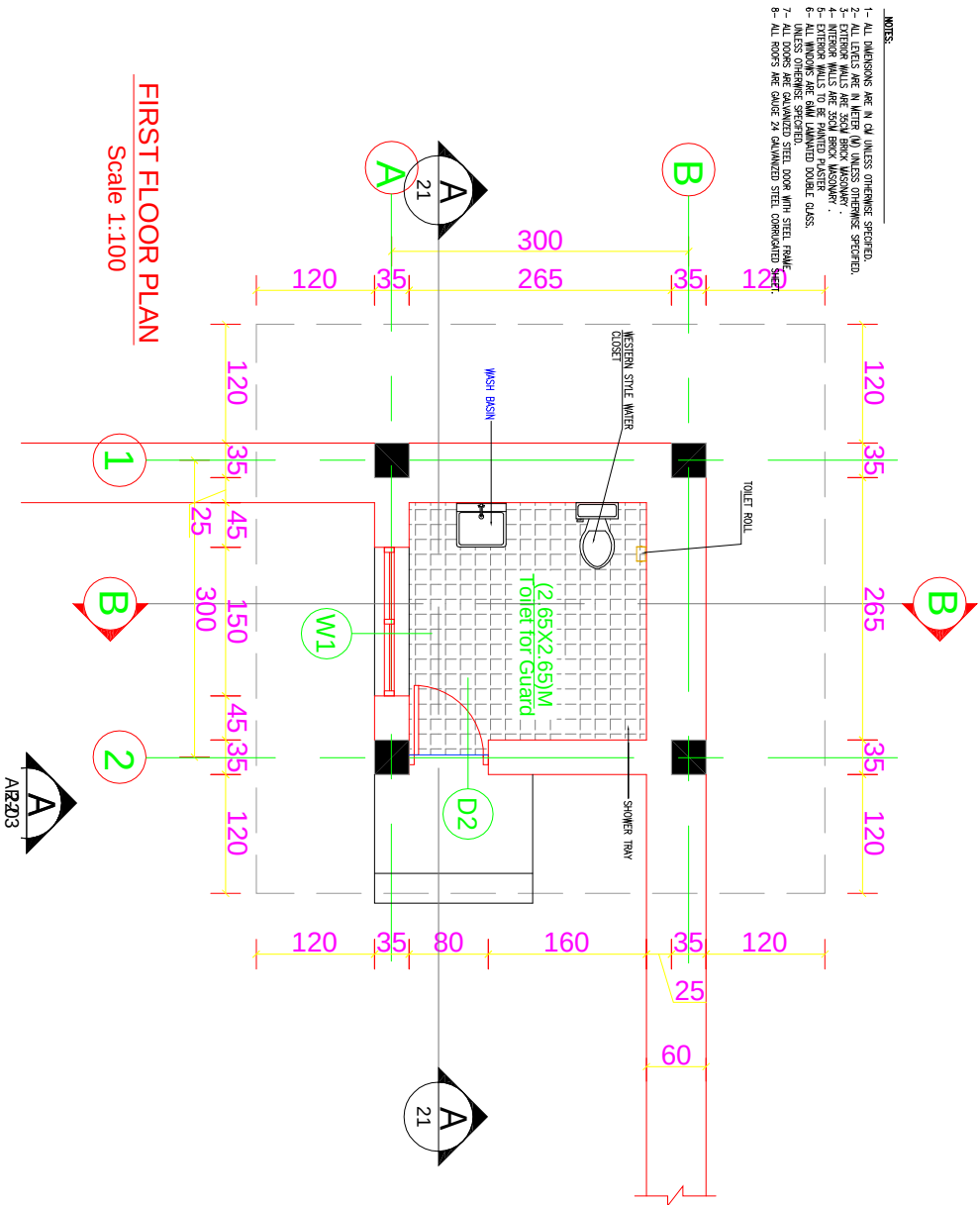
Sheet Number 8 of 8

Address: District 10 Sadaat Square Kabul - Afghanistan

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CPD, Engineering Department		Revision	Scale	without scale
Drawn By	..		Date	September, 2013
Design By	.		Drawing code	CPD - 07
Approved by	Central Prison Directorate (CPD)		Sheet Number	1 of 15
Denomination	Drop Gate Arm for main entrance			



GUARD TOWER FINISH SCHEDULE				
ROOM NO	ROOM NAME	FLOOR	WALLS	CEILING
1	Guard tower	F3	W1	C1
2	Toilet	F2	W2	C1

ROOM SCHEDULE LEGEND:

FLOOR MATERIAL:

F1- 300x300x20mm TERRAZZO TILES.

F2- 200x200mm CERAMIC TILES.

F3- SEALED CONCRETE.

WALL MATERIAL:

W1- PAINTED PLASTER.

W2- 150X150mm GLAZED CERAMIC UP TO 2M

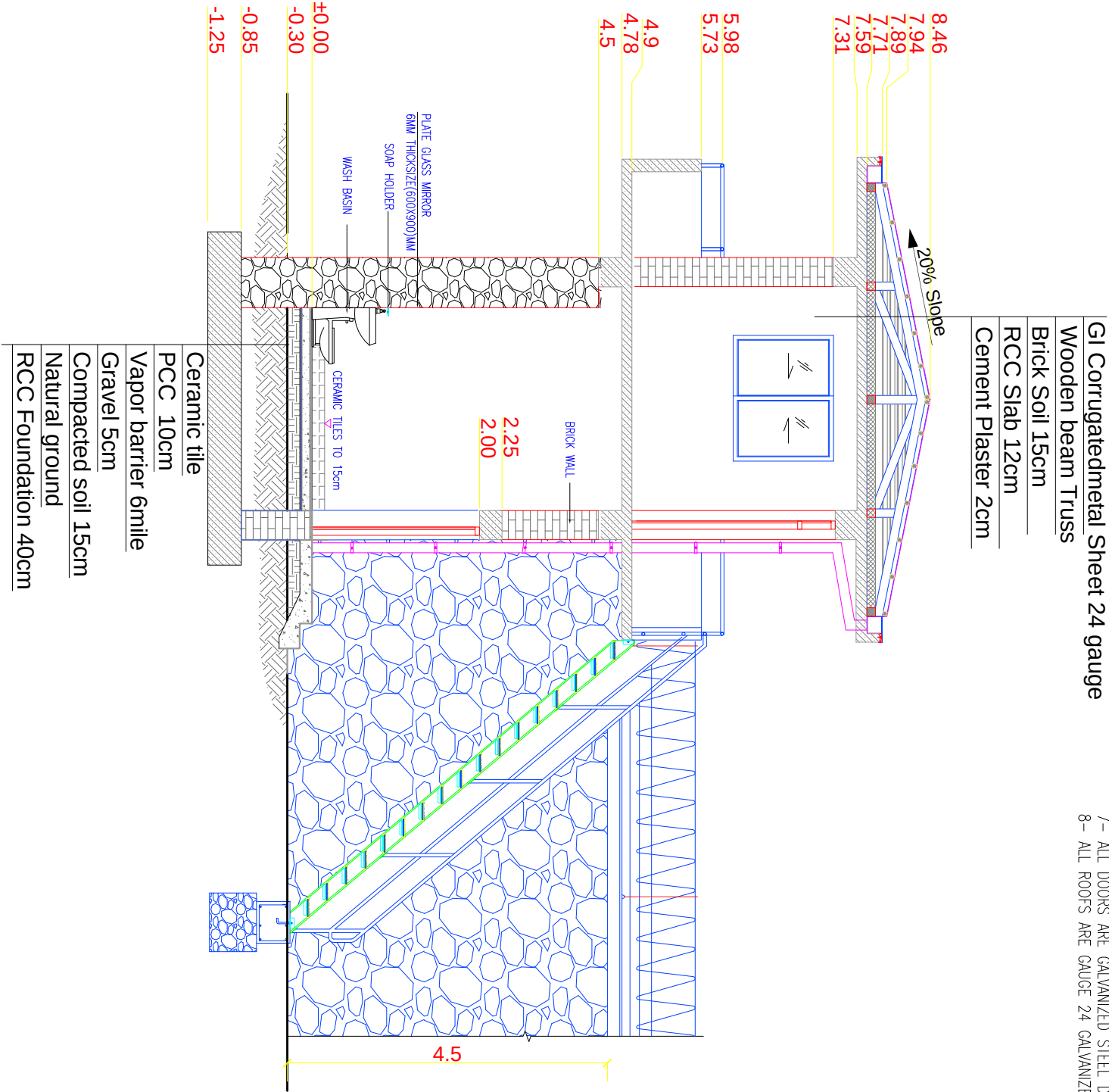
CEILING MATERIAL:

C1- PAINTED PLASTER.

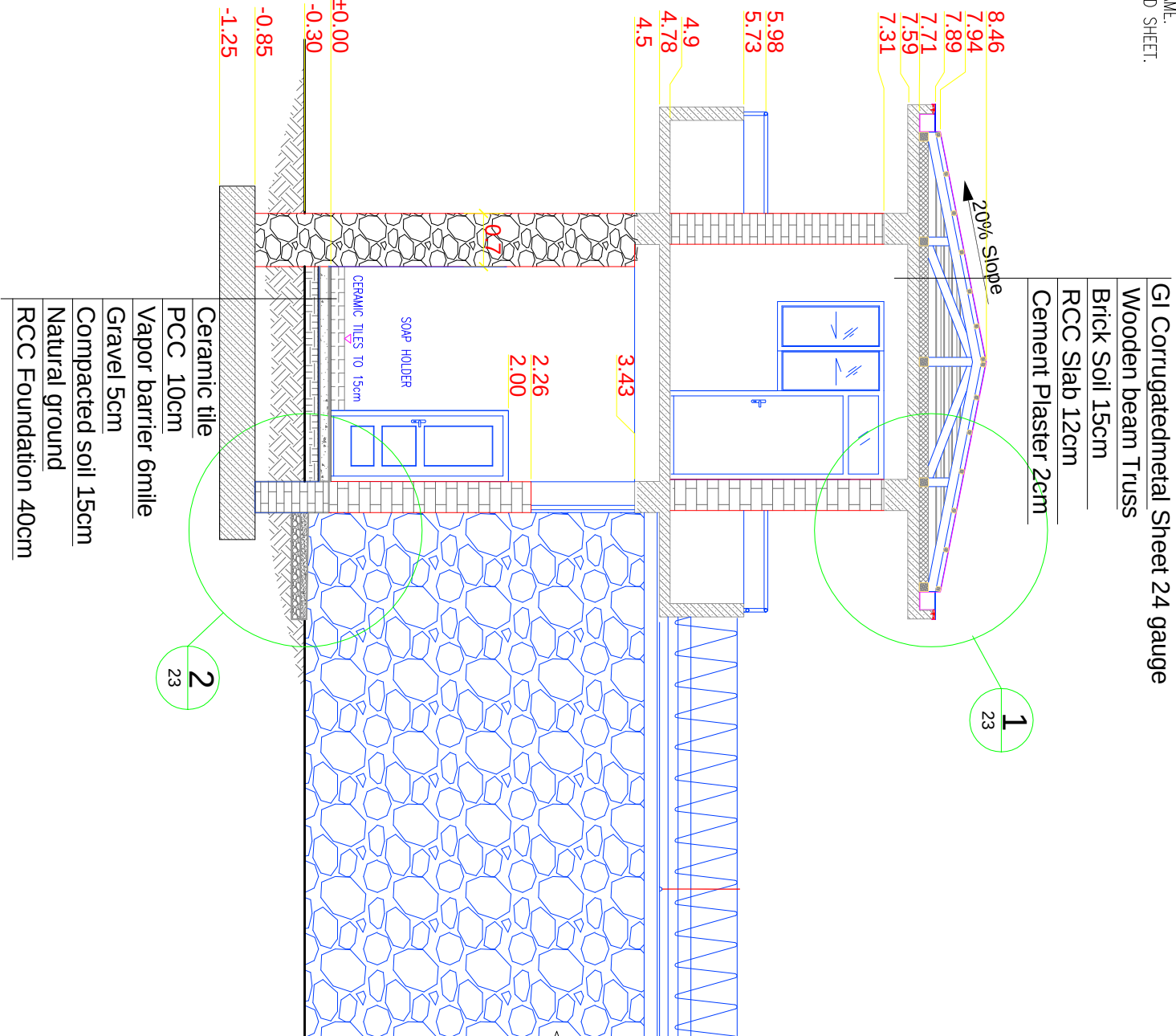
GUARD TOWER
FLOOR PLAN
& SCHEDULE

NOTES:

- 1- ALL DIMENSIONS ARE IN CM UNLESS OTHERWISE SPECIFIED.
- 2- ALL LEVELS ARE IN METER (M) UNLESS OTHERWISE SPECIFIED.
- 3- EXTERIOR WALLS ARE 35CM BRICK MASONARY .
- 4- INTERIOR WALLS ARE 35CM BRICK MASONARY .
- 5- EXTERIOR WALLS TO BE PAINTED PLASTER
- 6- ALL WINDOWS ARE 6MM LAMINATED DOUBLE GLASS.
- UNLESS OTHERWISE SPECIFIED.
- 7- ALL DOORS ARE GALVANIZED STEEL DOOR WITH STEEL FRAME.
- 8- ALL ROOFS ARE GAUGE 24 GALVANIZED STEEL CORRUGATED SHEET.



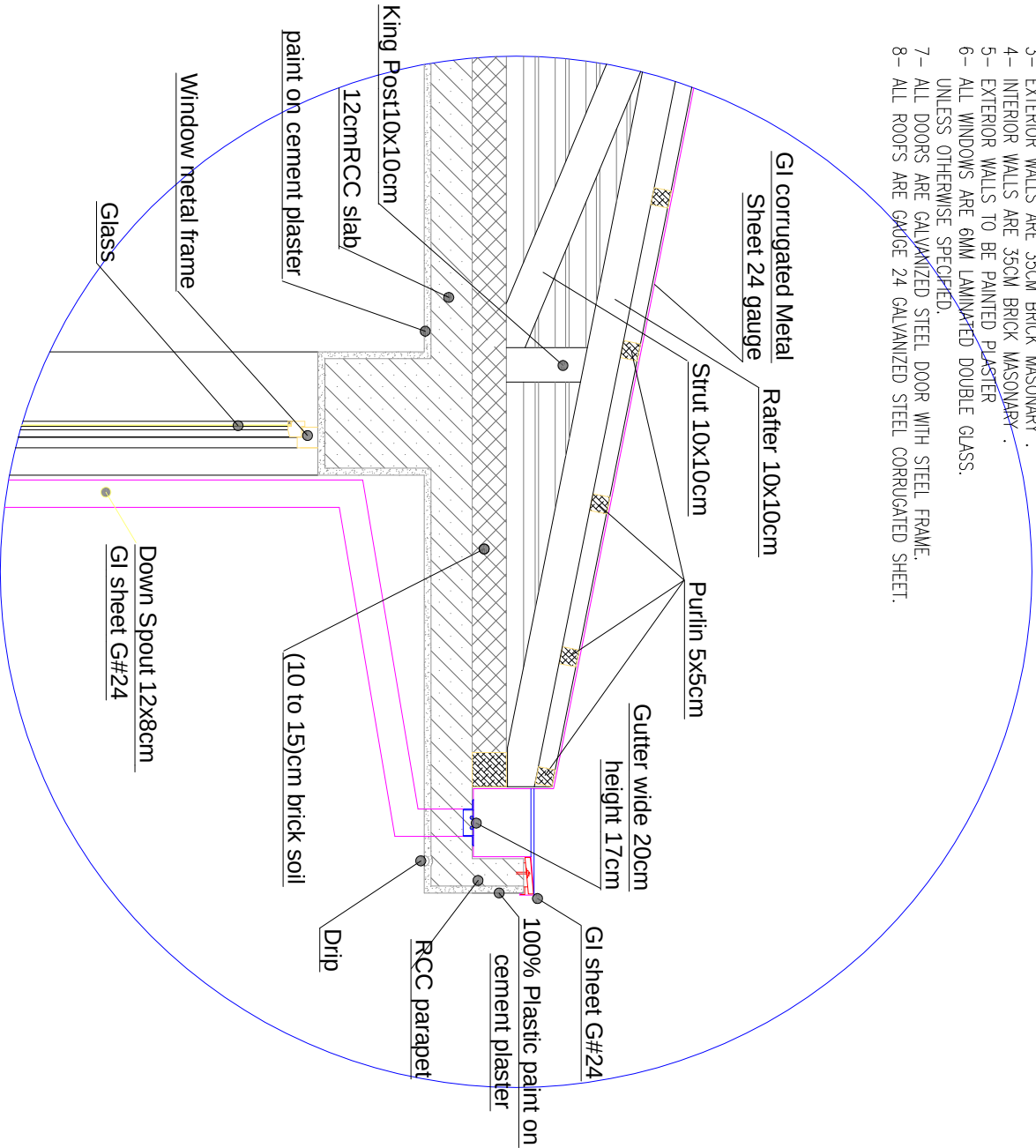
A
BUILDING SECTION
Scale: 1:100



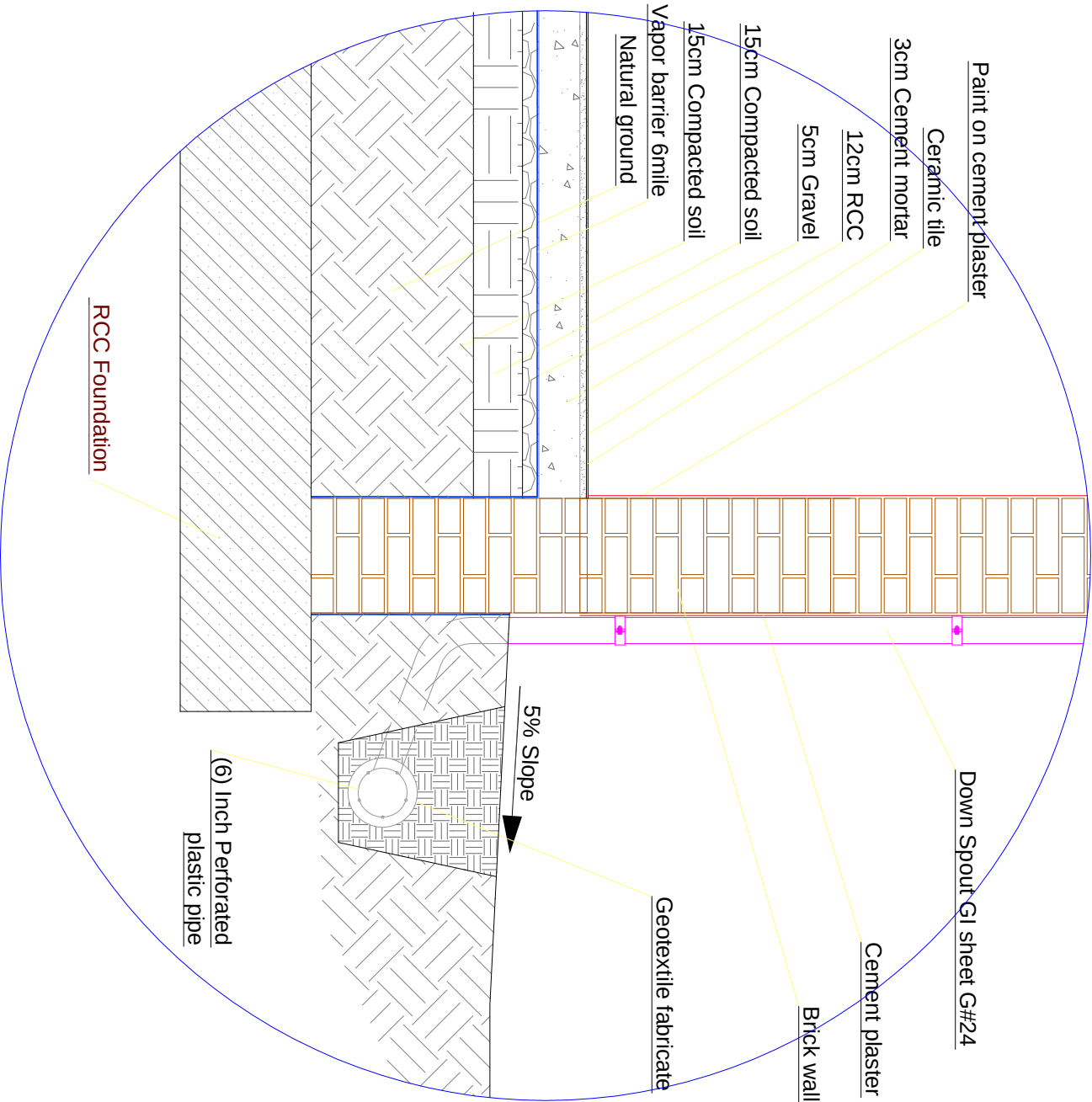
B
BUILDING SECTION
Scale: 1:100

NOTES:

- 1- ALL DIMENSIONS ARE IN CM UNLESS OTHERWISE SPECIFIED.
- 2- ALL LEVELS ARE IN METER (M) UNLESS OTHERWISE SPECIFIED.
- 3- EXTERIOR WALLS ARE 35CM BRICK MASONARY .
- 4- INTERIOR WALLS ARE 35CM BRICK MASONARY .
- 5- EXTERIOR WALLS TO BE PAINTED PLASTER
- 6- ALL WINDOWS ARE 6MM LAMINATED DOUBLE GLASS.
- UNLESS OTHERWISE SPECIFIED.
- 7- ALL DOORS ARE GALVANIZED STEEL DOOR WITH STEEL FRAME.
- 8- ALL ROOFS ARE GADGE 24 GALVANIZED STEEL CORRUGATED SHEET.



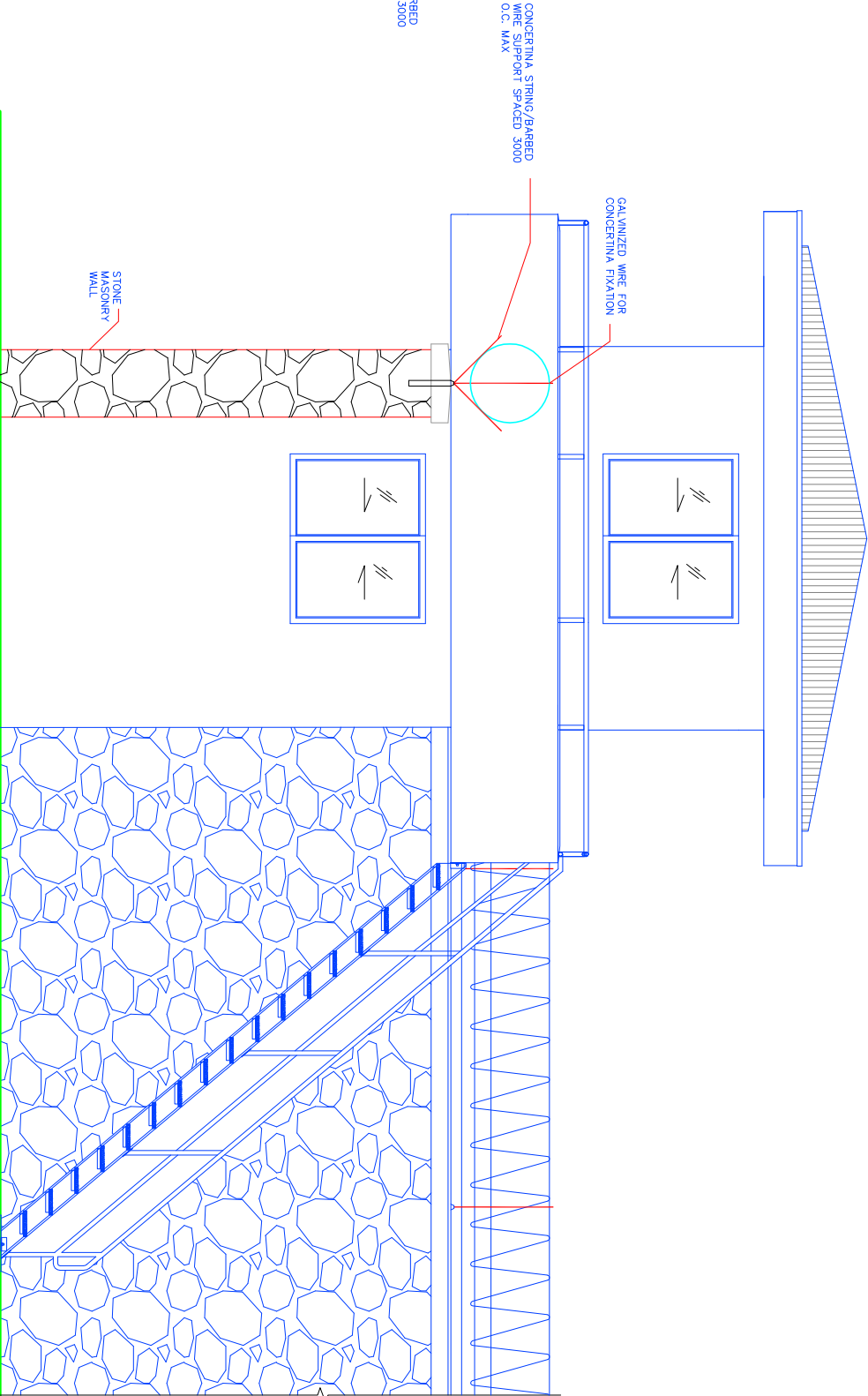
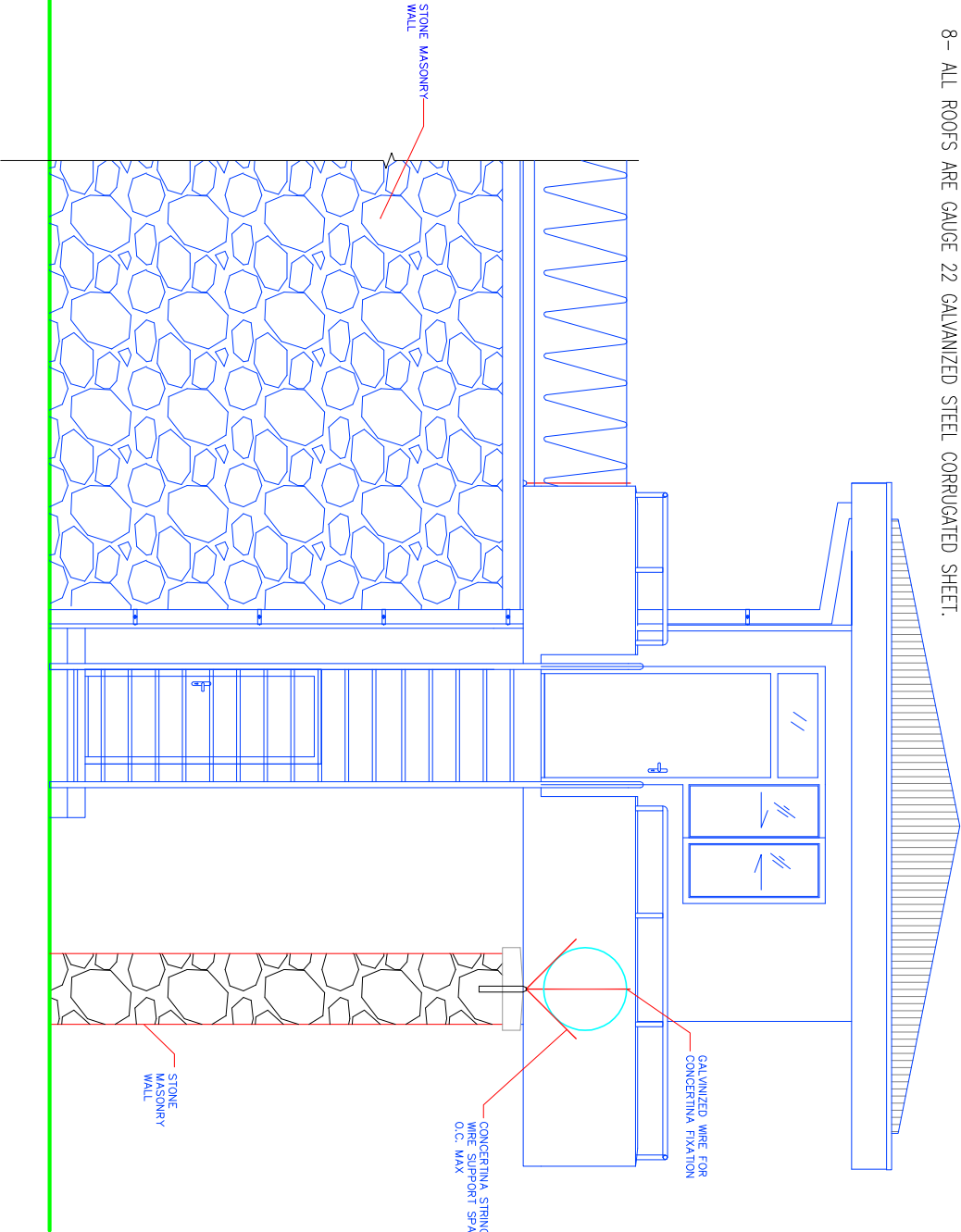
1 Gutter & parapet detail
Scale: 1:20



2 Exterior wall detail
Scale: 1:20

NOTES:

- 1- ALL DIMENSIONS ARE IN CM UNLESS OTHERWISE SPECIFIED.
- 2- ALL LEVELS ARE IN METER (M) UNLESS OTHERWISE SPECIFIED.
- 3- EXTERIOR WALLS ARE 35CM BRICK MASONRY .
- 4- INTERIOR WALLS ARE 35CM BRICK MASONRY .
- 5- EXTERIOR WALLS TO BE PAINTED PLASTER
- 6- ALL WINDOWS ARE 6MM LAMINATED DOUBLE GLASS.
- UNLESS OTHERWISE SPECIFIED.
- 7- ALL DOORS ARE GALVANIZED STEEL DOOR WITH STEEL FRAME.
- 8- ALL ROOFS ARE GAUGE 22 GALVANIZED STEEL CORRUGATED SHEET.

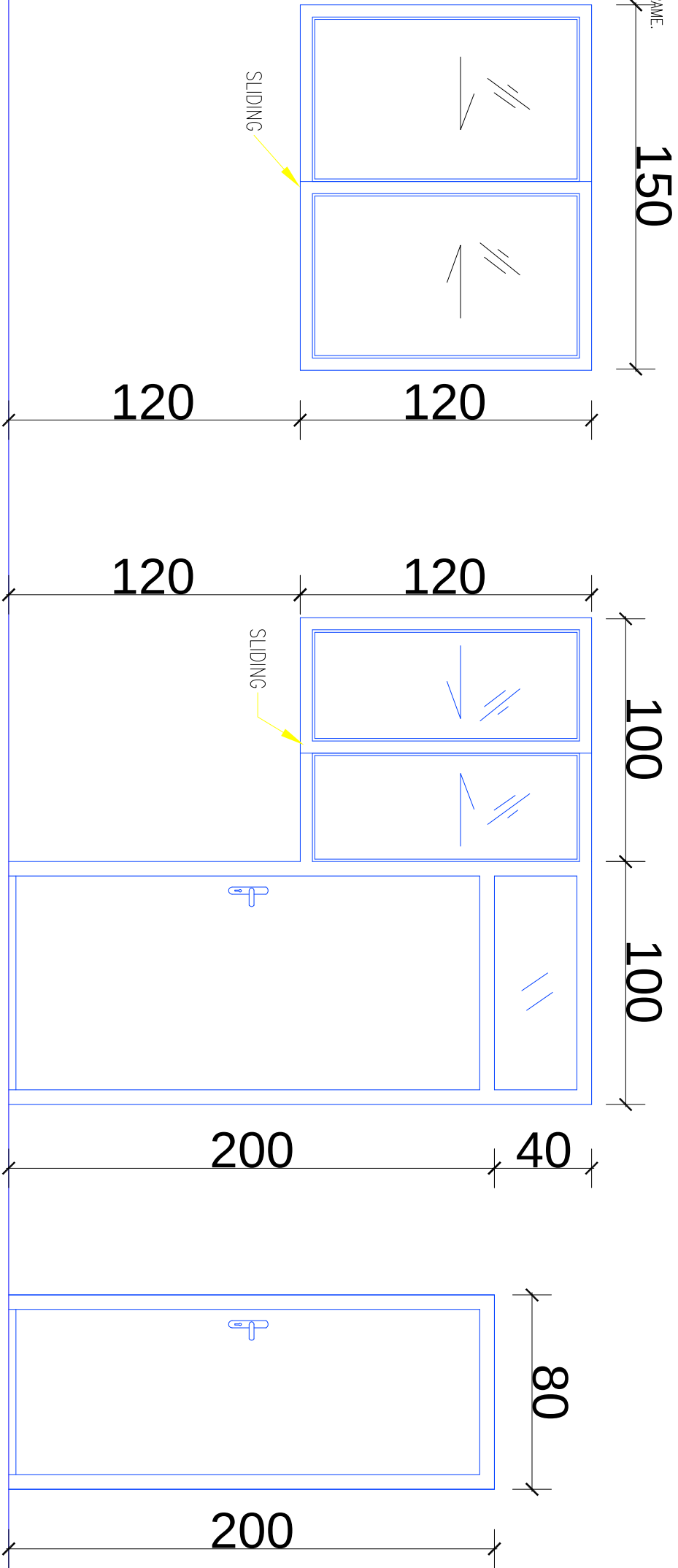


B
ELEVATION
Scale: 1:100

A
ELEVATION
Scale: 1:100

GUARD TOWER
ELEVATIONS

- NOTES:
- 1- ALL DIMENSIONS ARE IN CM UNLESS OTHERWISE SPECIFIED.
 - 2- ALL WINDOWS ARE 6MM LAMINATED DOUBLE GLASS, UNLESS OTHERWISE SPECIFIED.
 - 3- ALL DOORS ARE GALVANIZED STEEL DOOR WITH STEEL FRAME.



W1(4)

D/w1(1)

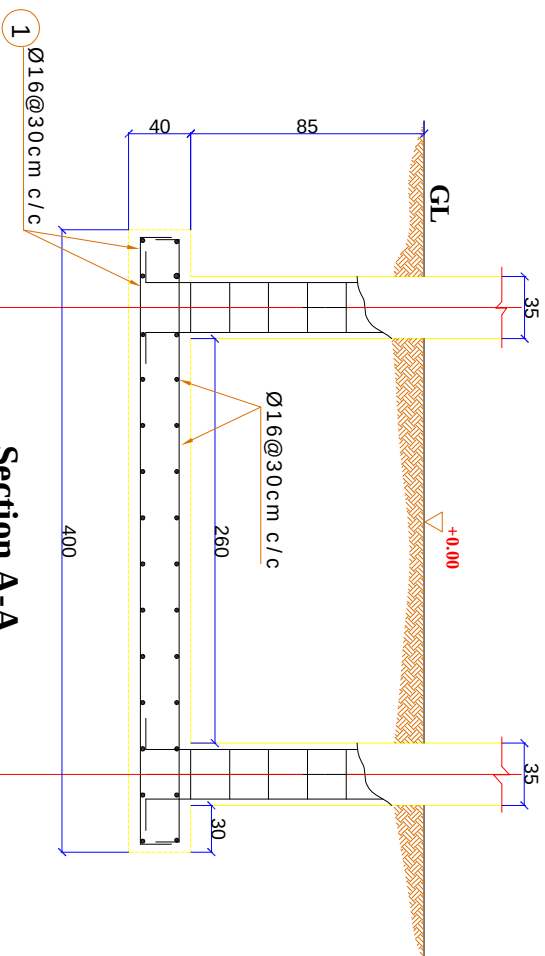
D2(1)

Door and Window elevation

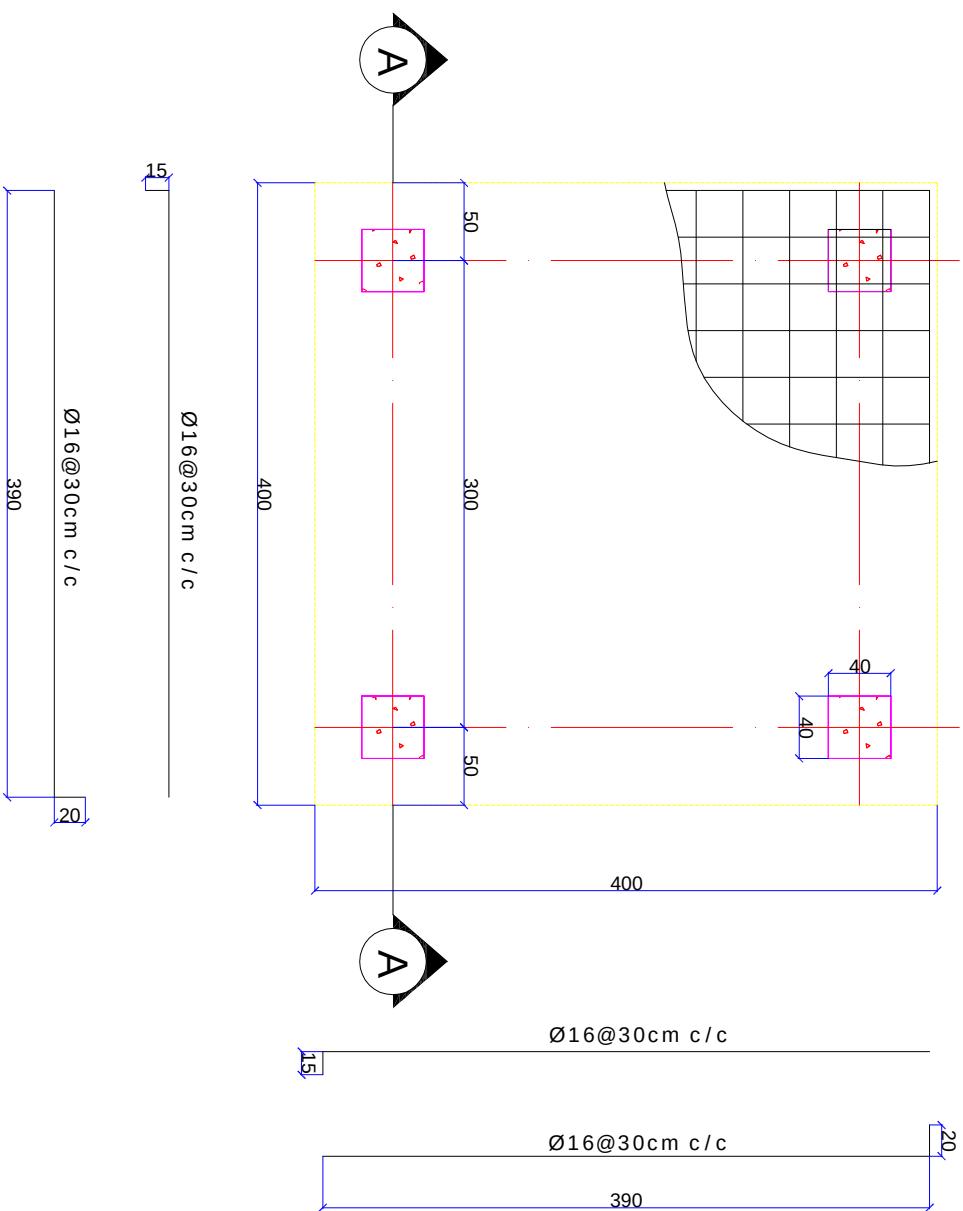
DOOR SCHEDULE				
DOOR NO	DIMENSION		PANEL NUMBER	NUMBER
	WIDTH	HEIGHT		
D/w1	200	240	1	1
D2	80	200	1	1

WINDOW SCHEDULE				
WINDOW NO	DIMENSION		PANEL NUMBER	NUMBER
	WIDTH	HEIGHT		
W1	150	120	2	4

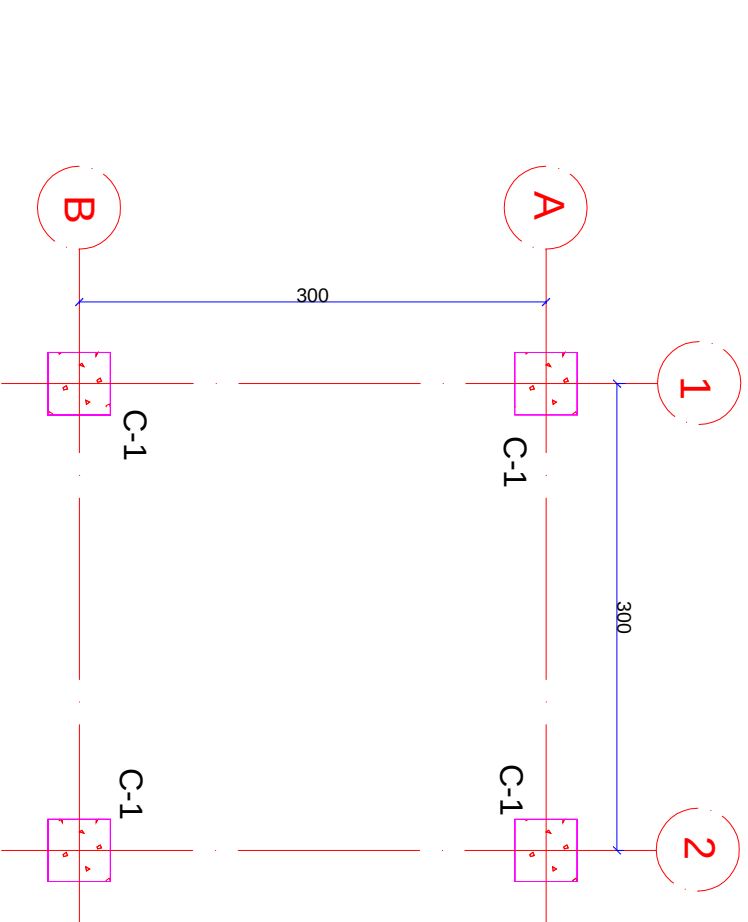
GUARD TOWER
DOOR & WINDOW
SCHEDULE



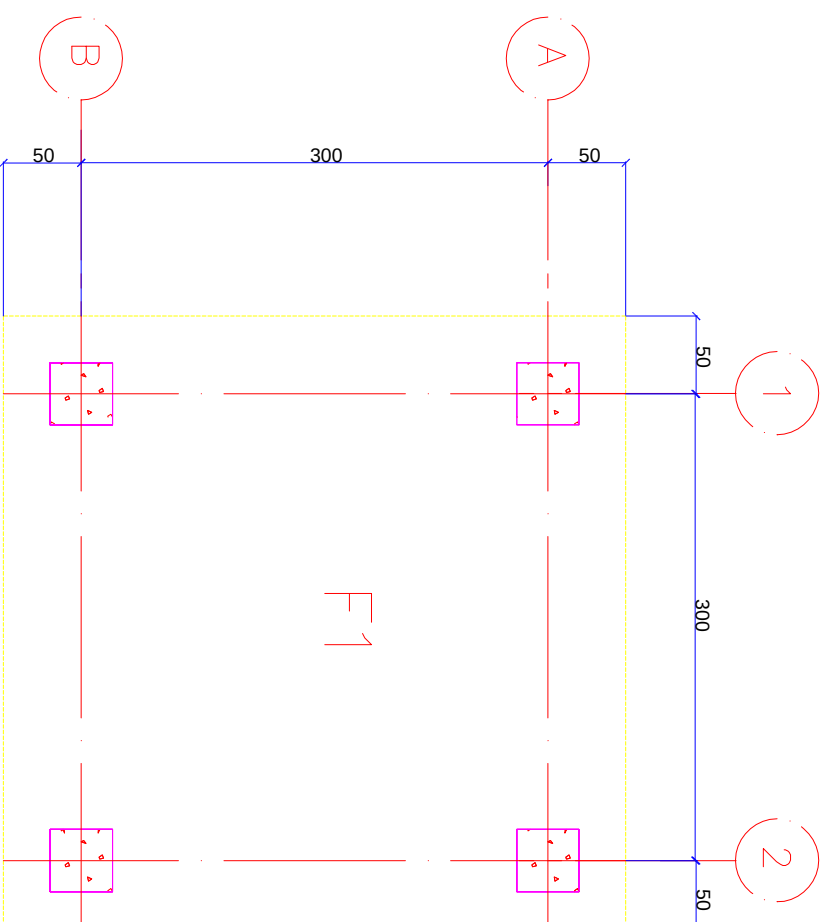
Section A-A



Footing F-1



Column Layout Plan



Footing Layout Plan

UNLESS OTHERWISE NOTED LINEAR DIMENSION SHOWN ARE IN CENTIMETERS.



Central Prison Directorate (CPD)

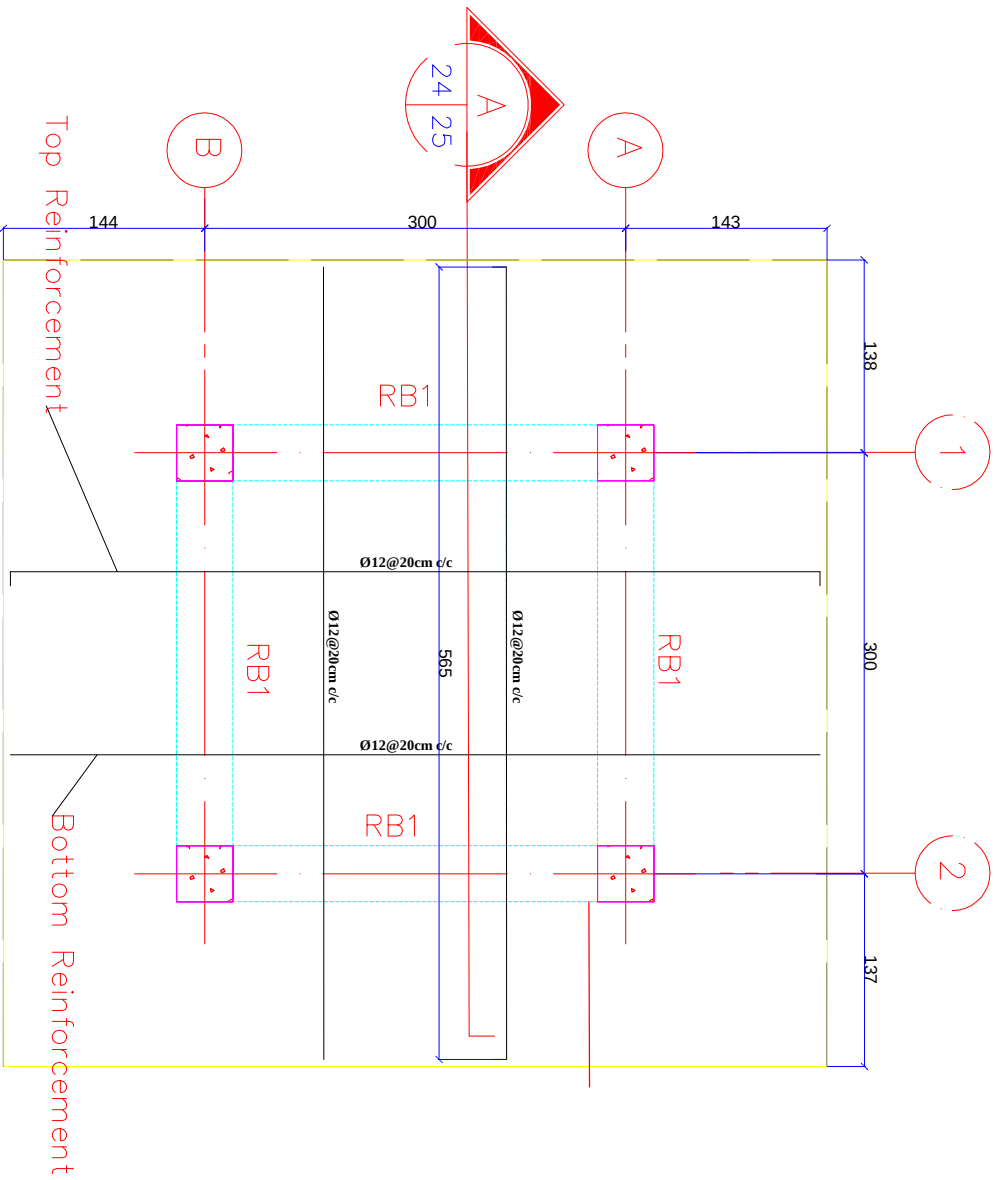
Central prisons Directorate , Engineering Department				Scale	To fit
Drawn By	Eng. Mateen	Approved By		Date	March ,2013
Design By		Signature		Drawing code	Mol -03
Checked by		Date		Sheet number	1 OF 4
DENOMINATION	GUARD TOWER FOOTING AND COLUMNS				



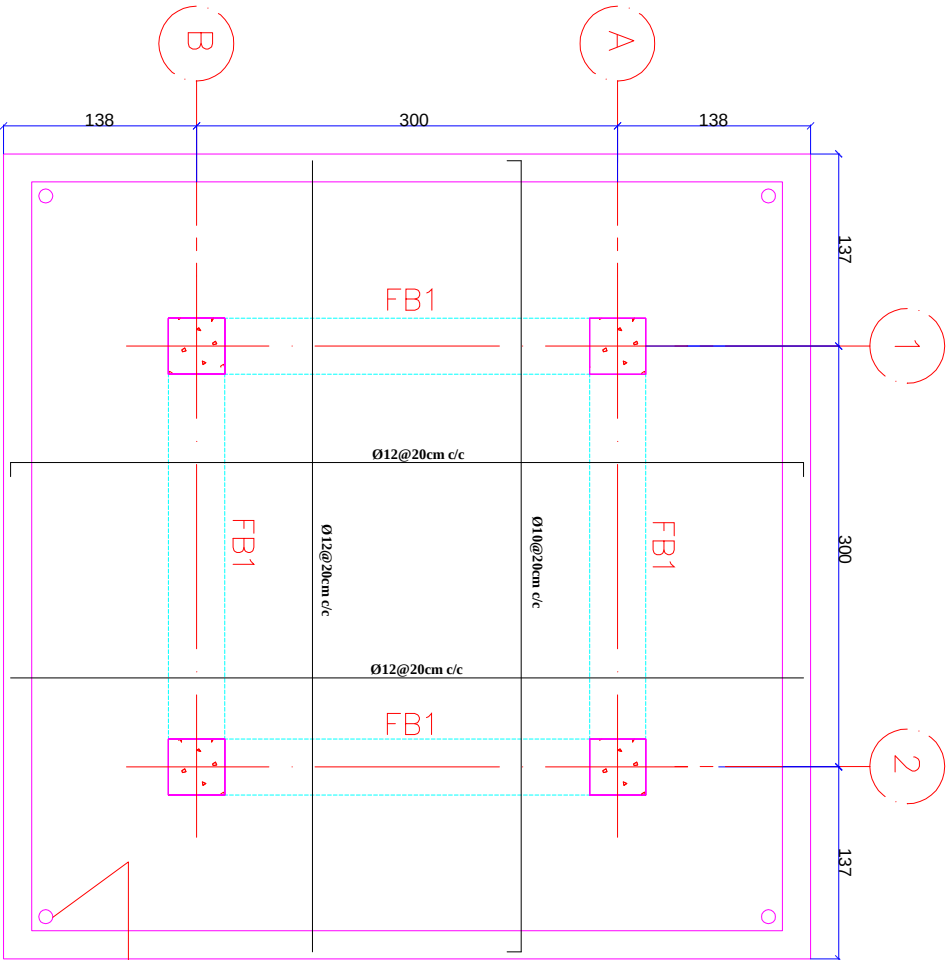
Islamic Republic of Afghanistan , Ministry of Interior

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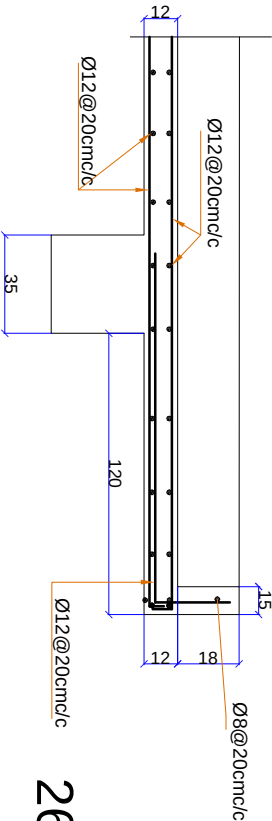
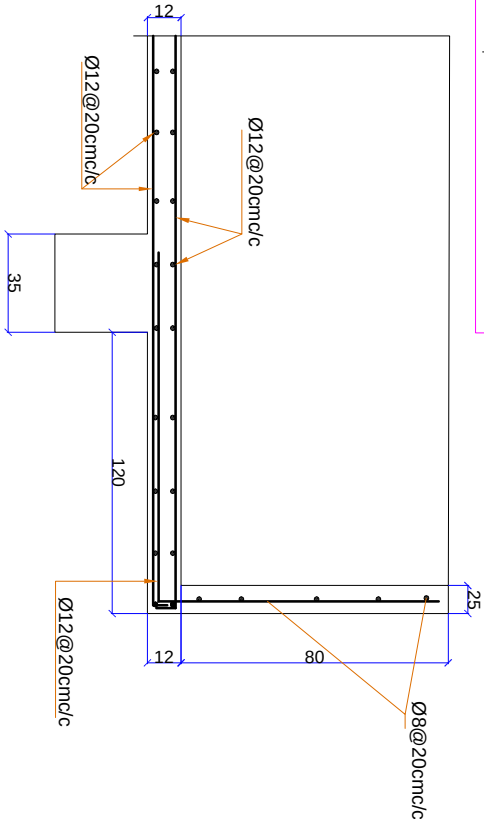
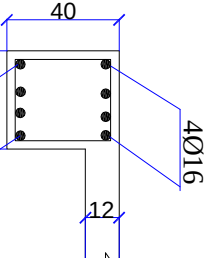
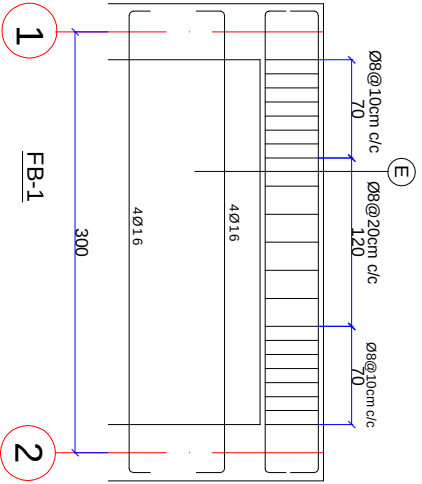
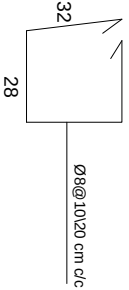
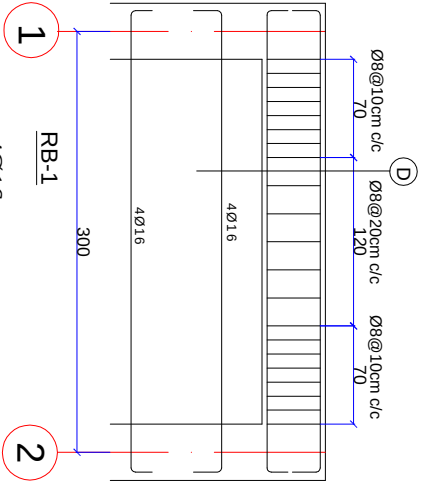
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Roof Slab Reinforcement



Ø25 WEEP HOLE
EACH CORNER



GUARD TOWER
CONCRETE SLAB
& RING BEAM



Central Prison Directorate (CPD)

Typical drawing of Guard tower for the Construction of Prison

LOTEFA Engineering Department		Central prisons Directorate , Engineering Department			Scale	To fit
Drawn By	Eng. Mateen	Approved By	Eng.		Date	March ,2013
Design By		Signature			Drawing code	Mol -03
Checked by		Date			Sheet number	2 OF 4
DENOMINATION		GUARD TOWER CONCRETE SLAB AND RING BEAM DETAILS				

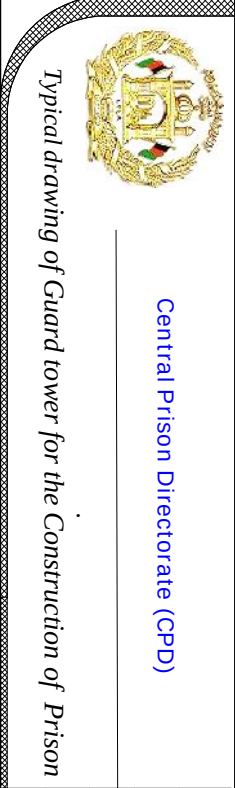


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LOTA Engineering Department		Central prisons Directorate , Engineering Department		Scale	To fit
Drawn By	Eng. Mateen	Approved By	Eng.	Date	March ,2013
Design By		Signature		Drawing code	Mol -03
Checked by		Date		Sheet number	3 OF 4
DENOMINATION		GUARD TOWER COLUMN DETAILS			

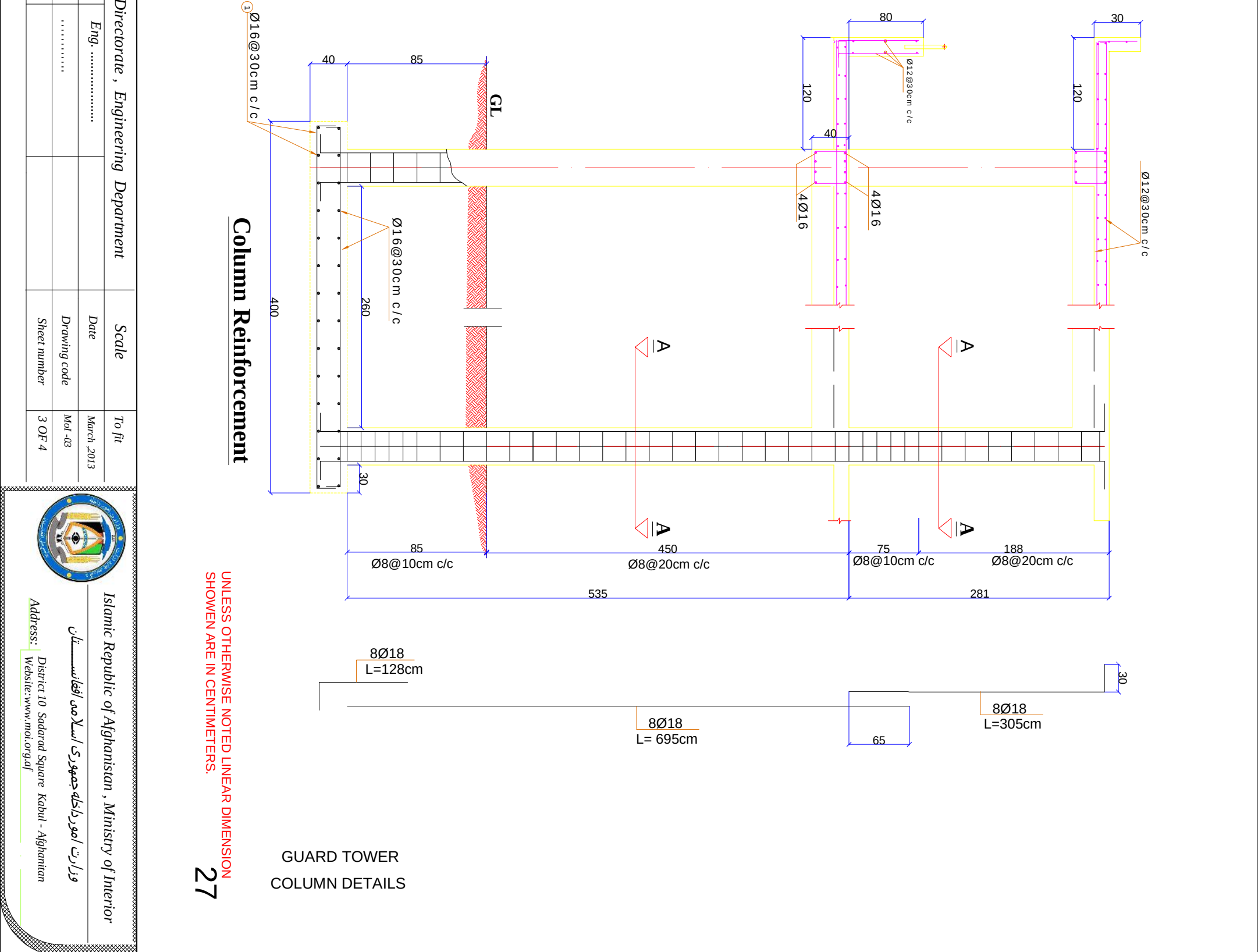


Islamic Republic of Afghanistan , Ministry of Interior

وزارت امو، داخله، جهوری اسلام افغانستان

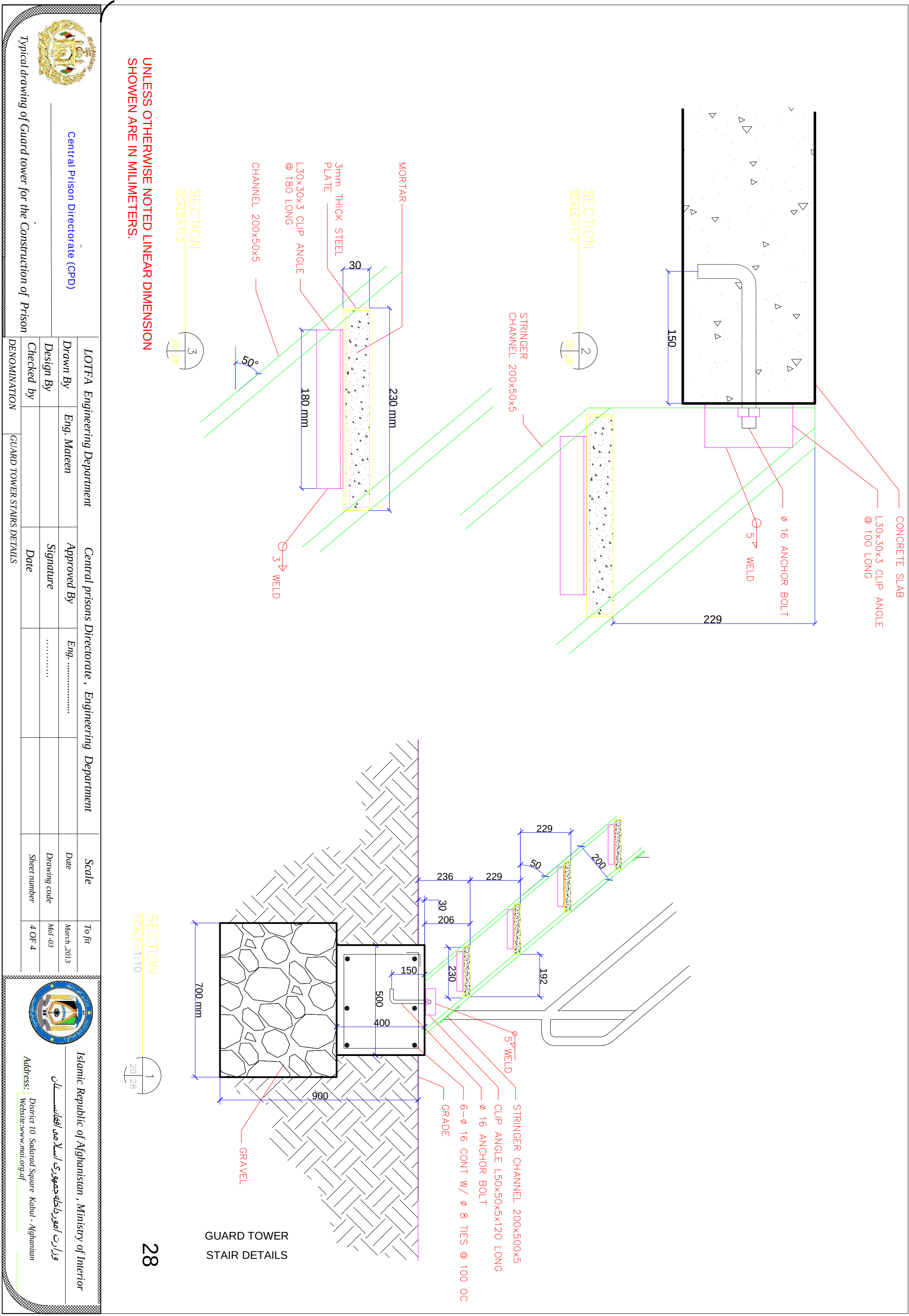
District 10 Sadarat Square Kabul - Afghanistan

Address: _____
 Website: www.moi.org.af

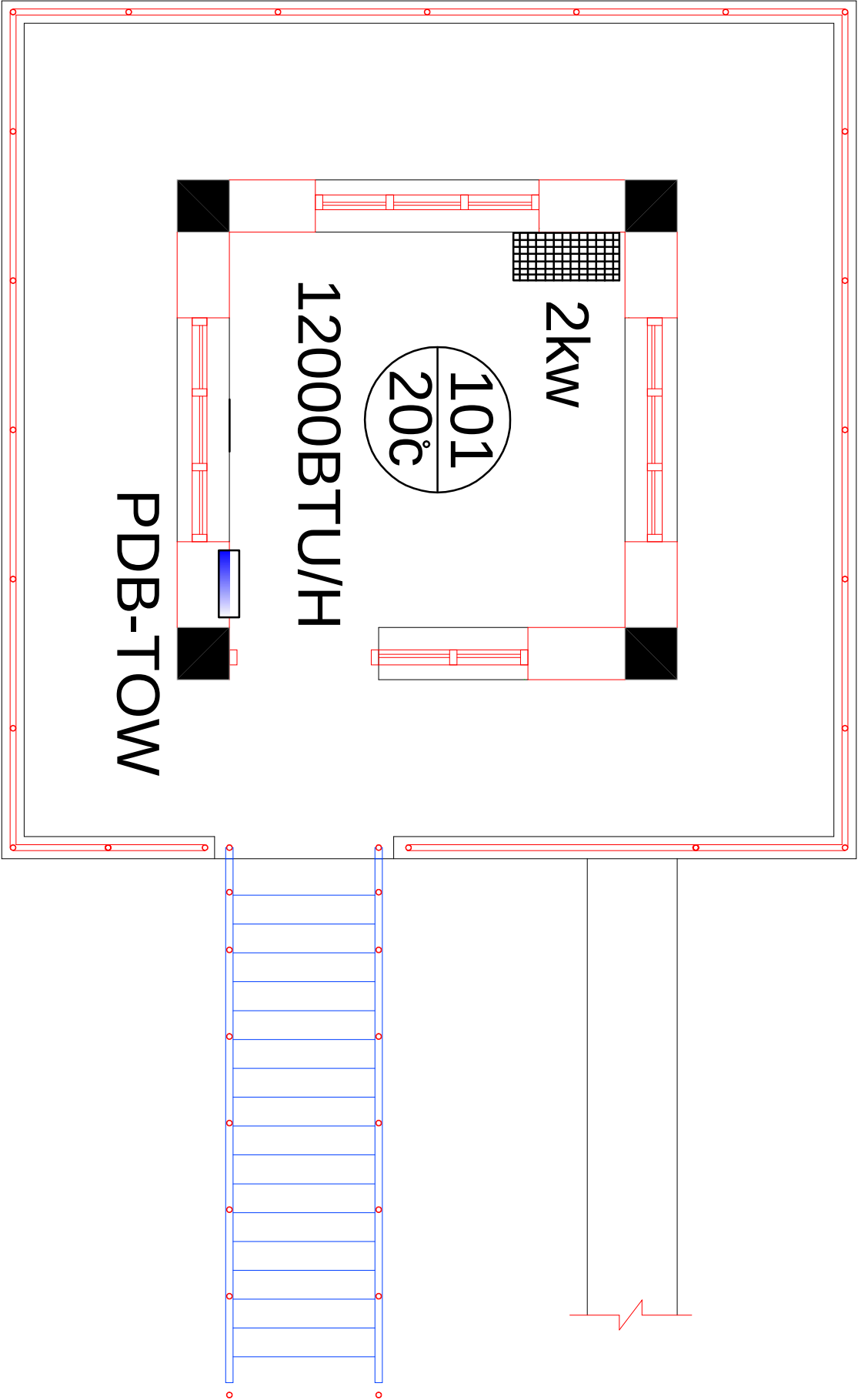


27

GUARD TOWER
COLUMN DETAILS



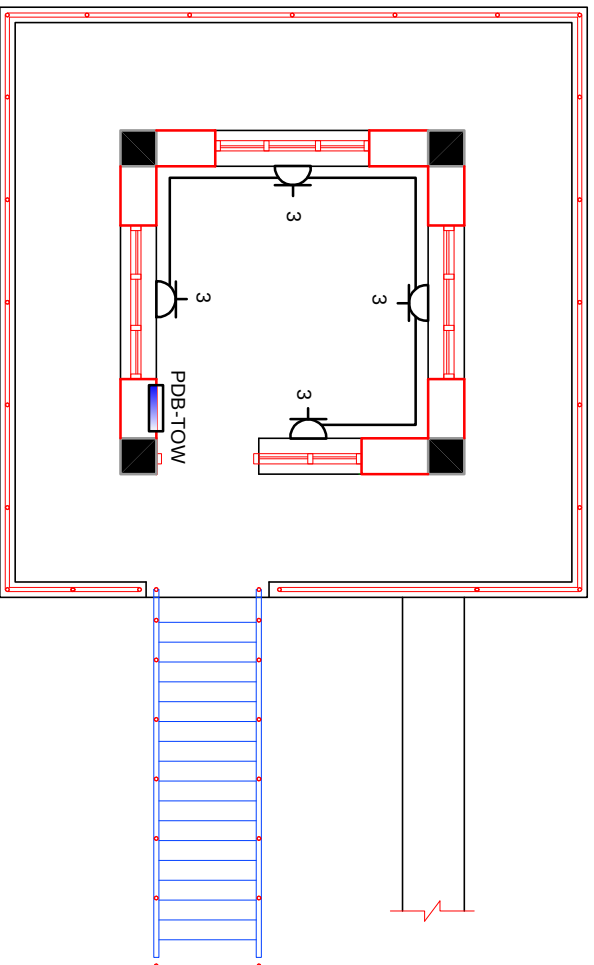
Guard Tower Heating Plan



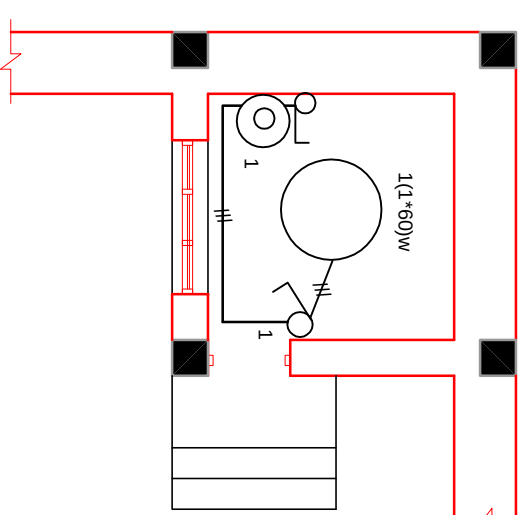
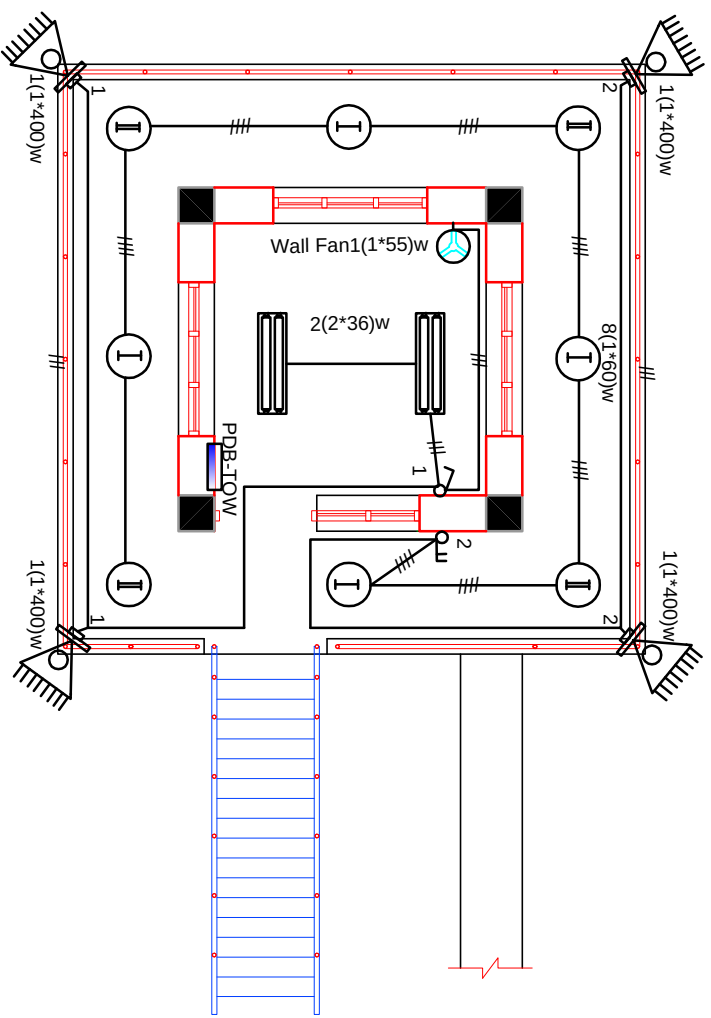
Schedule of Equipment for Heaters System Guard Tower Plan

No	Symbol	Description	Unit	Qty	Origin
1	■	Wall Mount Forced Air Heaters-AC 2KW	Pcg	4	Samsung
4	⌈⌋	Wall Mounting Bracket WB210 for 2kw Heater	Pcg	4	czech Rep

Guard Tower Power Plan

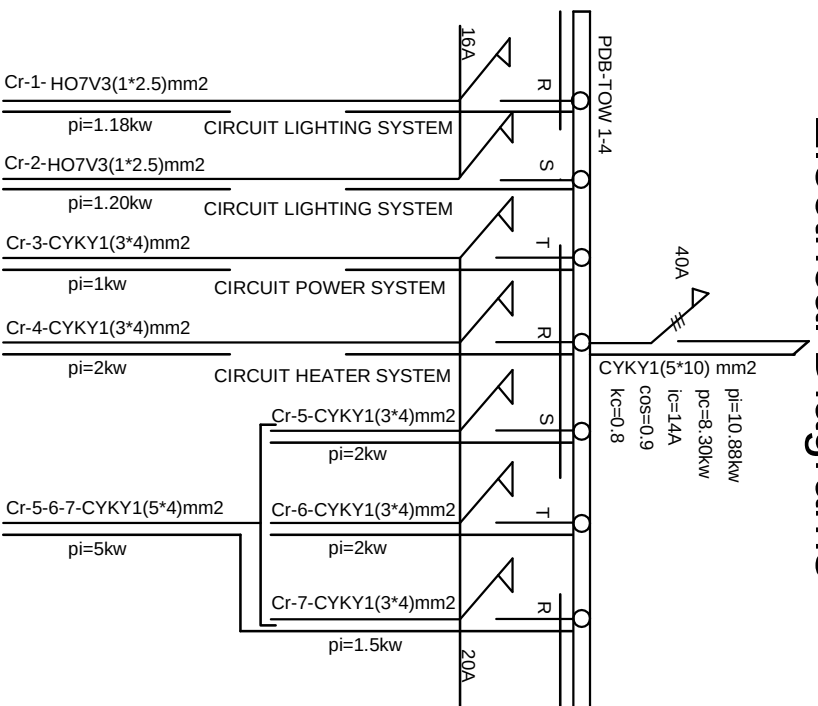


Guard Tower Lighting Plan



Power and Lighting Heating

Electrical Diagrams



No	Symbol	Description	Unit	Qty	Origin
1		Fluorescent Lamp code-1600-1236A-(2'35'w)	Set	10	Czech Rep
2		Incandescent Ceiling Lamp 1(1'60'w) with circular shade (250) ml	Set	40	Germany
3		Incandescent Lamp 1(1'60'w) over the mirror with shade	Set	15	Germany
4		One pole switch under plaster	Peg	15	Czech Rep
5		Two pole switch under plaster	Peg	5	Czech Rep
6		Single Phase Socket under plaster APT. 803-16A-250V/IEC-60084-1	Peg	20	Czech Rep
7		Auto Switch Single Phase (16)A	Peg	10	Czech Rep
8		Auto Switch Single Phase (20)A	Peg	25	Czech Rep
9		Auto Switch Three Phase (40)A	Peg	5	Czech Rep
10		Wall Fan -- (55'w)	Peg	5	Pakistan
11		Panel Distribution board 24modular (47'38*11)cm	Set	5	Czech Rep
12		Junction Box	Peg	50	Czech Rep
13		Copper Wire HO7V 3(1'2'5)mm2	Meier	350	Germany
14		Copper Wire HO7V13'4)mm2	Meier	360	Germany
15		Copper cable CYKY 1(5'4)mm2	Meier	1150	Germany
16		Copper cable CYKY 1(5'10)mm2	Meier	As to needed	Germany
17		Protector 1(1'400)w	Peg	20	Germany
18		P.V.C Pipe (1. 3/4, 1/2) inch	Meier	600	Afghanistan
19		Elbow (1. 3/4, 1/2) inch	Peg	60	Afghanistan
20		Terminal Box	Peg	5	Czech Rep
21		P.V.C Pipe (1.1.5) inch	Meier	250	Afghanistan
22		Elbow (1. 1.5) inch	Peg	36	Afghanistan
23		Wall Bracket 2(1'250'w) MODUS DELO 250Q , OZDE250Q	Peg	48	Czech Rep
23		Wall Bracket 1(1'250'w) MODUS DELO 250Q , OZDE250Q	Peg	48	Czech Rep

Notes : 1-The Switch will be installed -(1.4) m above the floor.

2-The Socket will be installed -(0.4) m above the floor.

3-The Panel Distribution board will be installed -(1.7) m above the floor.

4-Wall fan Connect to nearest joint box of each room.



Central Prison Directorate (CPD)

Typical drawing of Guard tower for the Construction of Prison

Central prisons Directorate , Engineering Department				Scale	To fit
Drawn By		Approved By		Date	March ,2014
Design By		Signature		Drawing code	Mol -03
Checked by		Date		Sheet number	6 OF 6
DENOMINATION	GUARD TOWER ELECTRICAL AND SCHEDULE				



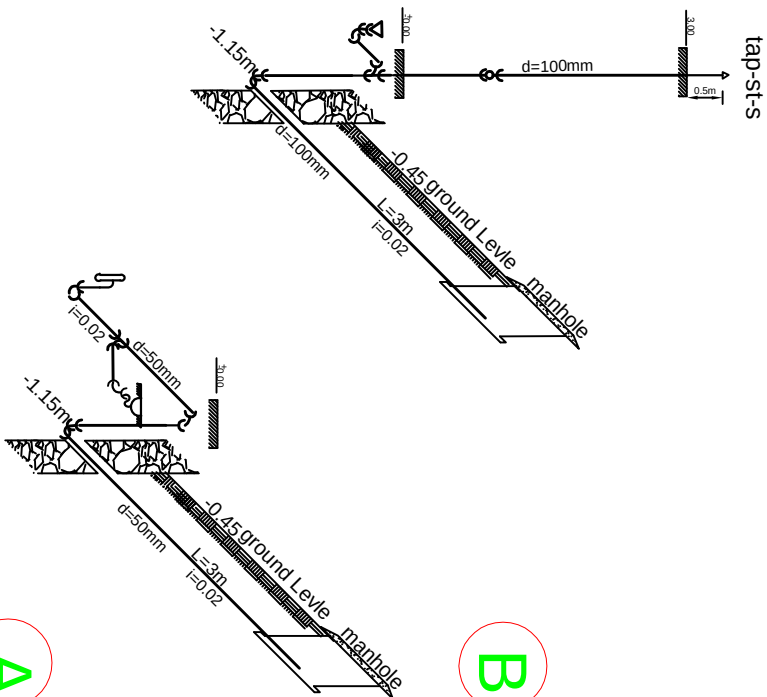
Islamic Republic of Afghanistan, Ministry of Interior

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Address: District 10 Sadarad Square Kabul - Afghanistan
Website: www.moi.ora.af

Address:
Website : www.moi.org.af

Diagram of sewage



No.	Description	Unit	Quantity
1	Pipe d=20mm	m	As per need it
2	Pipe d=15mm	m	As per need it
3	Bend 20mm	pcs	As per need it
4	Bend 15mm	pcs	As per need it
5	Tee 20x15x20 mm	pcs	As per need it
6	Tee 15 mm	pcs	As per need it
7	Valve and Nepal 20mm	pcs	As per need it
8	Valve and Nepal 15mm	pcs	As per need it
9	Reducer20*15mm	pcs	As per need it
10	Toilet	pcs	As per need it
11	Basin	pcs	As per need it
12	Pipe d= 100mm	m	As per need it
13	Pipe d= 50mm	m	As per need it
14	Bend 135° ,d=100mm	pcs	As per need it
15	Bend 90° , d= 100mm	pcs	As per need it
16	Bend 135° ,d=50mm	pcs	As per need it
17	Bend 90° , d=50mm	pcs	As per need it
18	Tee 45° , d= 100mm	pcs	As per need it
19	Tee 45° , d= 50mm	pcs	As per need it
20	Tee 45° , 100x 50x 100mm	pcs	As per need it
21	Reducer 100x50 mm	pcs	As per need it
22	Inspection d= 100m	pcs	As per need it
23	Drain d= 50mm	pcs	As per need it

- 1-Water supply pipe must be PPR Turkish production
2-Sewer pipe must be UPVC schedule 60

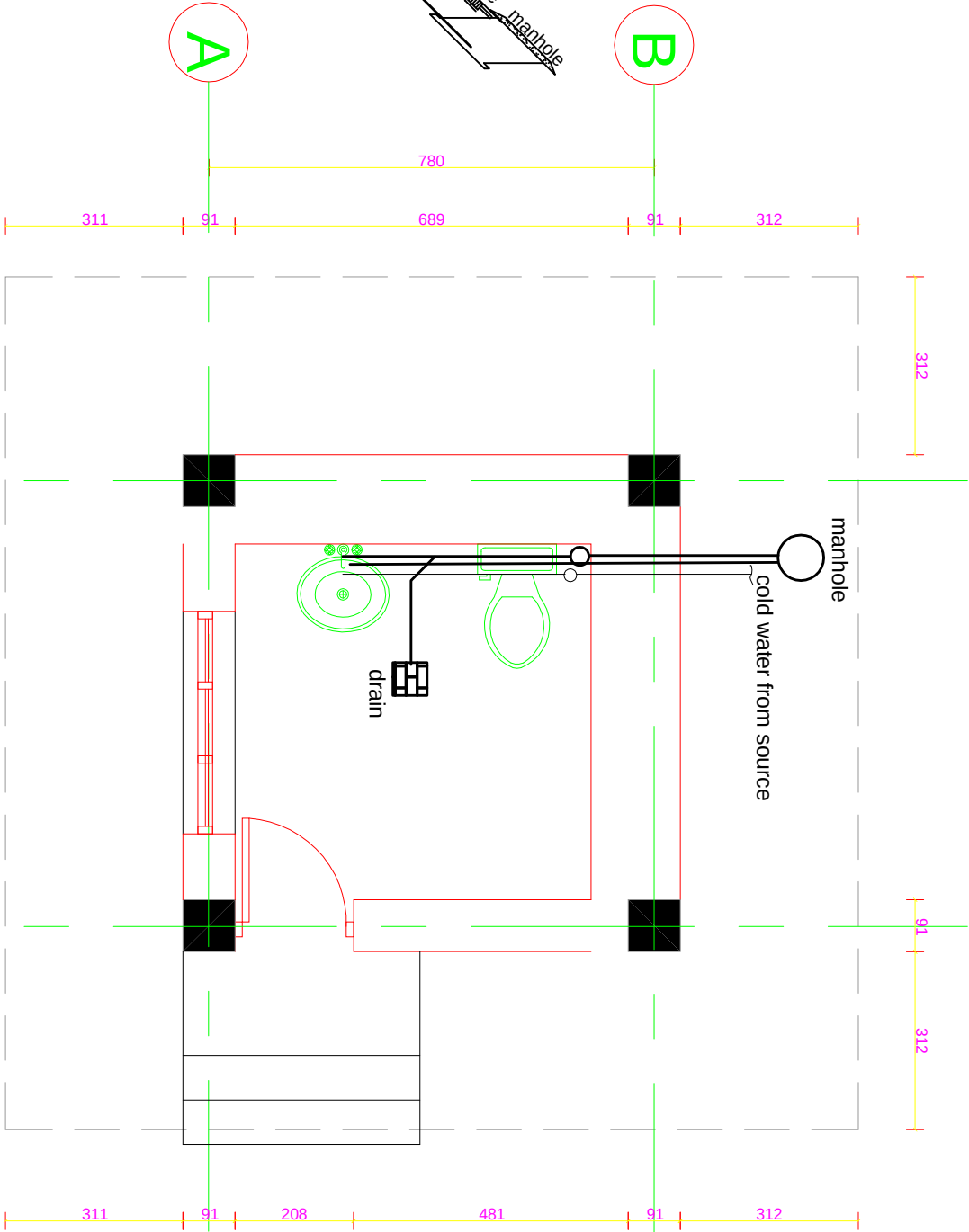
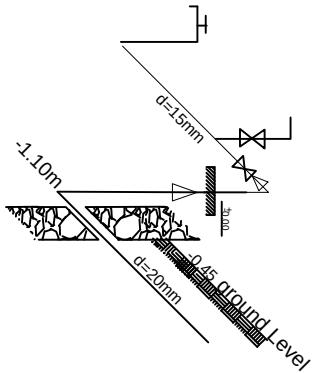


Diagram of water
(2.65X2.65)M
GUARD TOWER



Central Prison Directorate (CPD)

Typical drawing of Guard tower for the Construction of Prison

Central prisons Directorate , Engineering Department

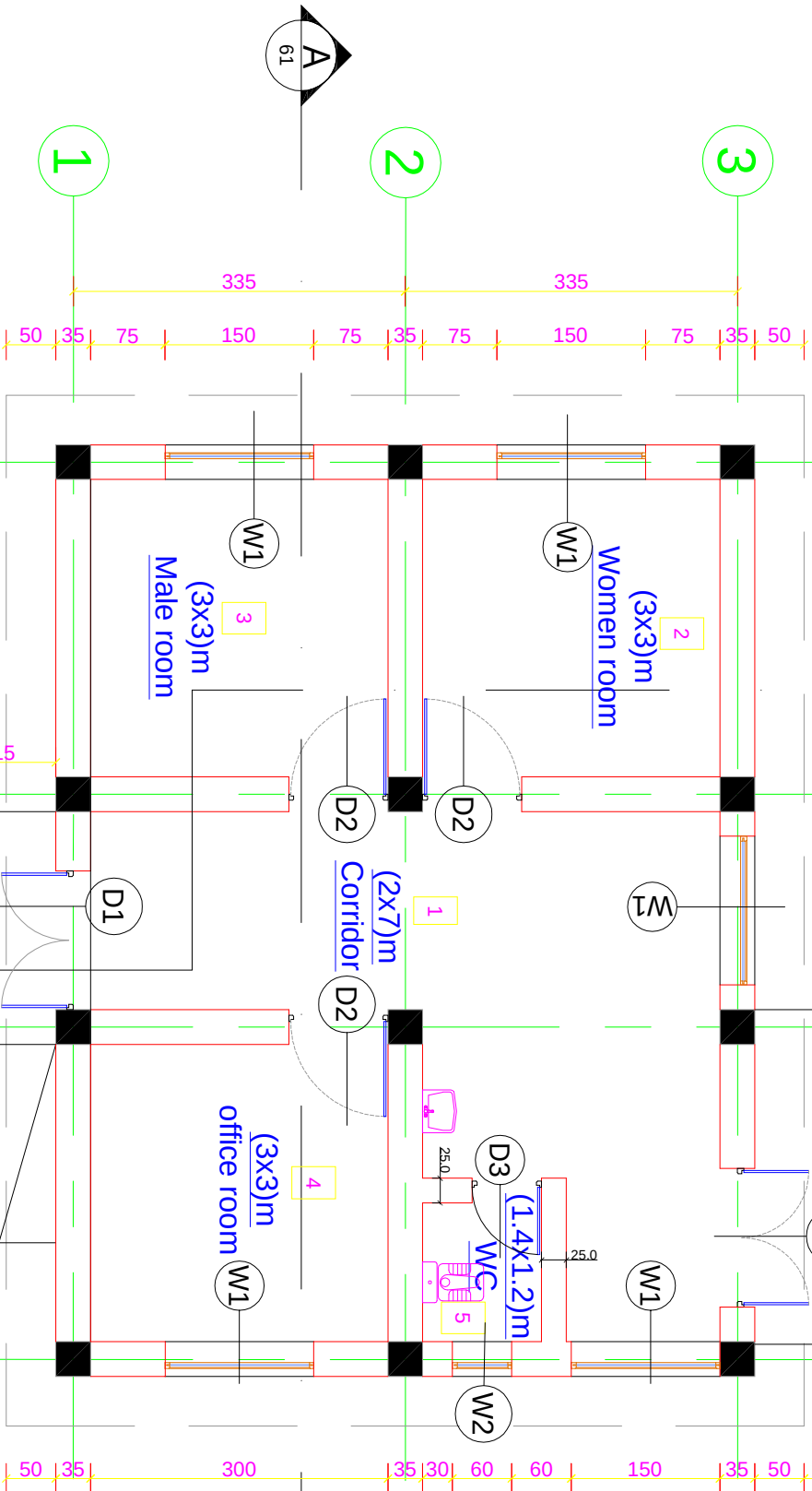
Drawn By	Approved By	Scale	To fit
Design By	Signature	Date	March 2014
Checked by	Date	Drawing code	Mol -03
DENOMINATION	GUARD TOWER PLUMBING AND SCHEDULE	Sheet number	1OF 1

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35 | 300 | 35 | 25 | 150 | 25 | 35 | 125 | 140 | 70 | 50



ROOM SCHEDULE LEGEND:

FLOOR MATERIAL:

- F1- 300x300x20mm TERRAZZO TILES.
- F2- 200X200mm CERAMIC TILES.
- F3- SEALED CONCRETE.

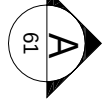
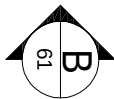
WALL MATERIAL:

- W1- PAINTED PLASTER.
- W2- 150X150mm GLAZED CERAMIC.

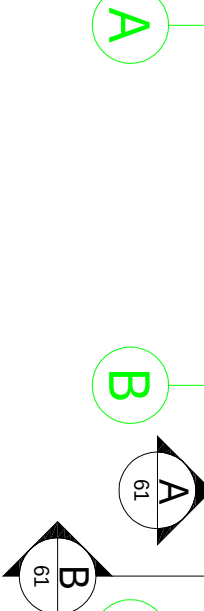
CEILING MATERIAL:

- C1- PAINTED PLASTER.

CHECK POINT FINISH SCHEDULE				
ROOM NO	ROOM NAME	FLOOR	WALLS	CEILING
1	Corridor	F3	W1	C1
2	Women room	F3	W1	C1
3	Male room	F3	W1	C1
4	Office	F3	W1	C1
5	WC	F2	W2	C1



50 | 35 | 300 | 35 | 60 | 140 | 35 | 335 | 35 | 50



CHECK POINT PLAN

15

Central Prison Directorate (CPD)

Typical drawing of check point for the Construction of Prison

Central prisons Directorate , Engineering Department

Drawn By	Approved By	Scale	To fit
Design By	Signature	Date	March 2014
Checked by	Date	Drawing code	Mol -03
DENOMINATION	CHECK POINT BUILDING PLAN	Sheet number	1 OF 6

Islamic Republic of Afghanistan , Ministry of Interior

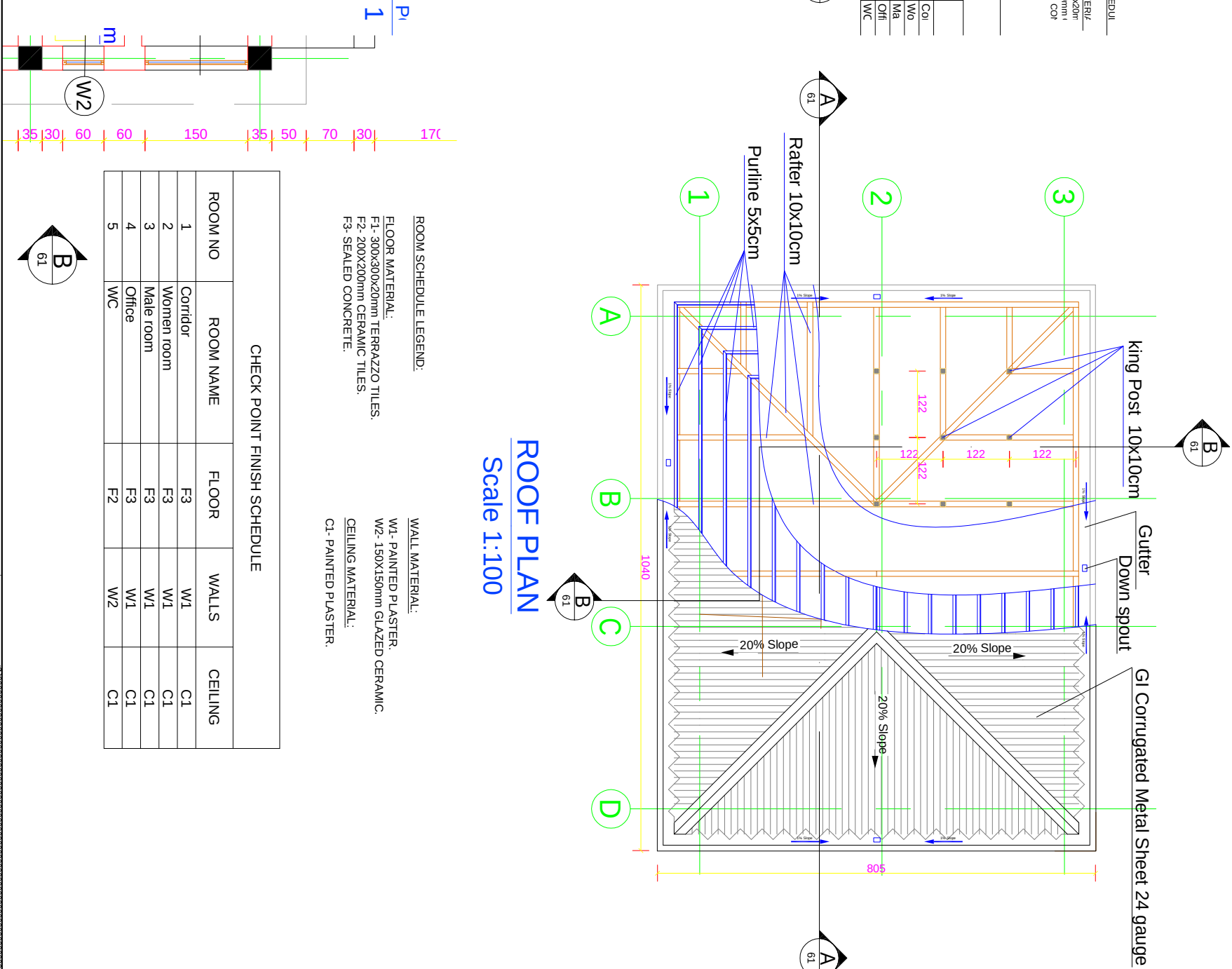
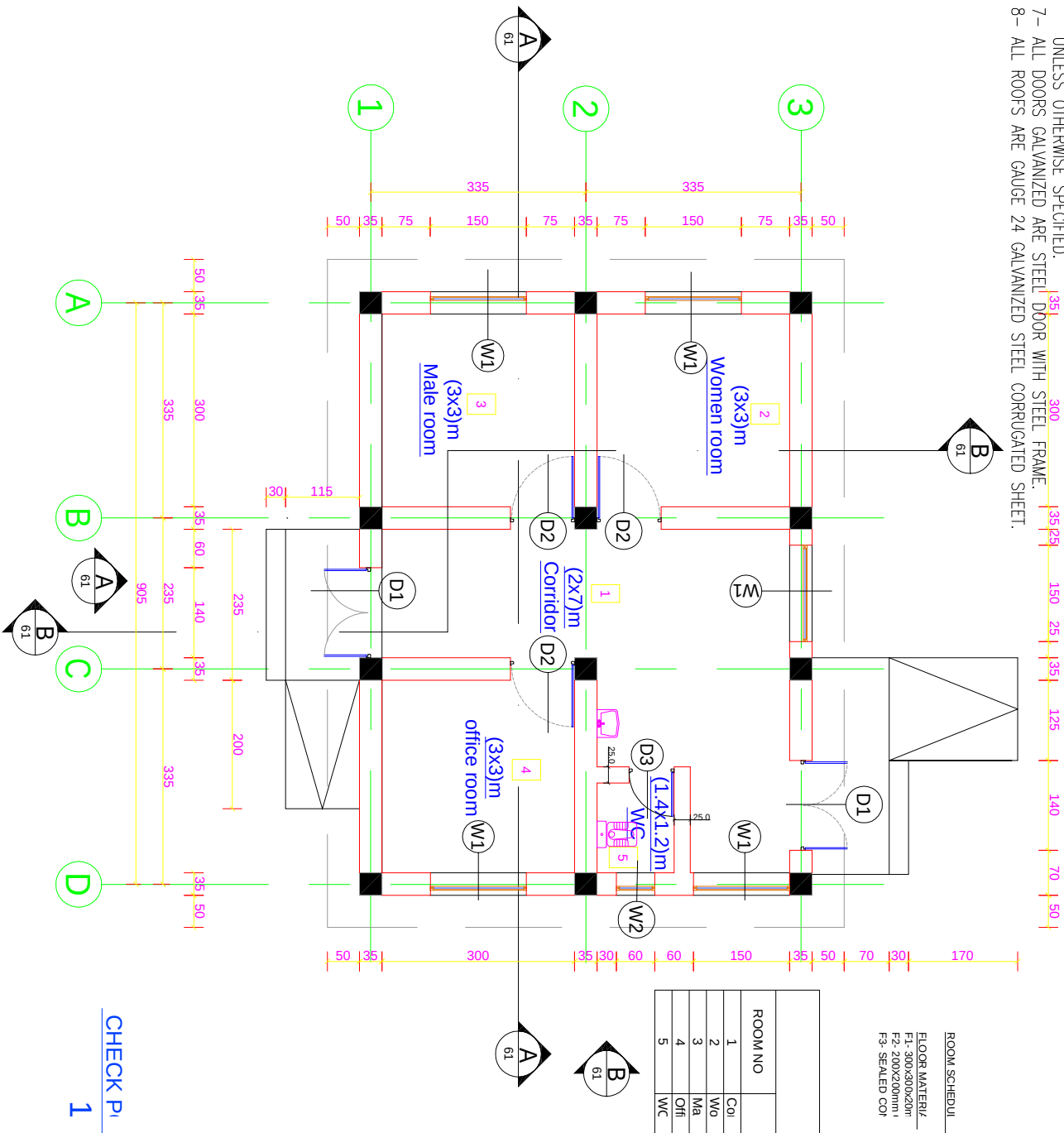
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NOTES:

- 1- ALL DIMENSIONS ARE IN CM UNLESS OTHERWISE SPECIFIED.
- 2- ALL LEVELS ARE IN METER (M) UNLESS OTHERWISE SPECIFIED.
- 3- ALL EXTERIOR WALLS ARE 35CM BRICK MASONRY .
- 4- ALL INTERIOR WALLS ARE 35CM BRICK MASONRY .
- 5- EXTERIOR WALLS TO BE PAINTED PLASTER
- 6- ALL WINDOWS ARE 6MM LAMINATED GLASS.
- UNLESS OTHERWISE SPECIFIED.
- 7- ALL DOORS GALVANIZED ARE STEEL DOOR WITH STEEL FRAME.
- 8- ALL ROOFS ARE GAUGE 24 GALVANIZED STEEL CORRUGATED SHEET.



ROOF PLAN

Scale 1:100

Scale 1:100

CHECK POINT FINISH SCHEDULE				
ROOM NO	ROOM NAME	FLOOR	WALLS	CEILING
1	Corridor	F3	W1	C1
2	Women room	F3	W1	C1
3	Male room	F3	W1	C1
4	Office	F3	W1	C1
5	WC	F2	W2	C1

ROOM SCHEDULE LEGEND:

FLOOR MATERIAL:
F1- 300X300X20mm TERRAZZO TILES.
F2- 200X200mm CERAMIC TILES.
F3- SEALED CONCRETE.

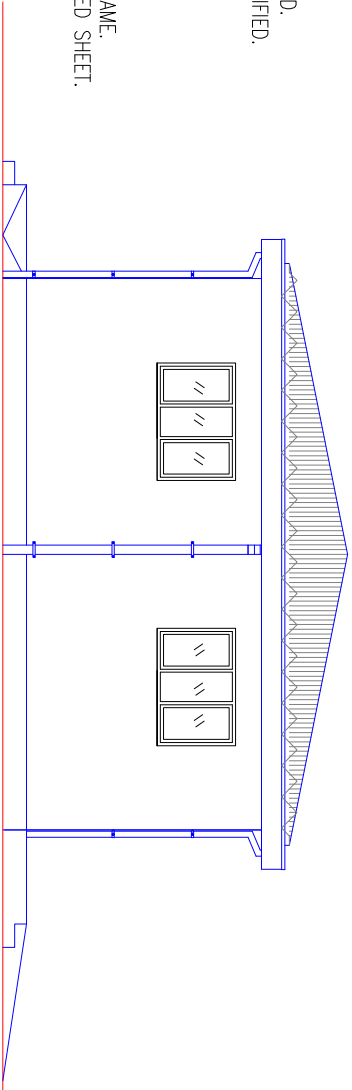
CELLING MATERIAL:
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W2- 150X150mm GLAZED CERAMIC

WALL MATERIAL:

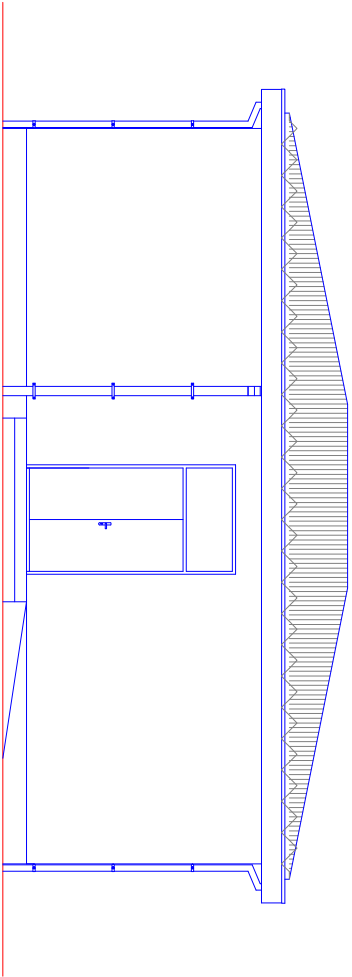
W1- PAINTED PLASTER.
W2- 150X150mm GLAZED CERAMIC
CEILING MATERIAL:
C1- PAINTED PLASTER.

NOTES:

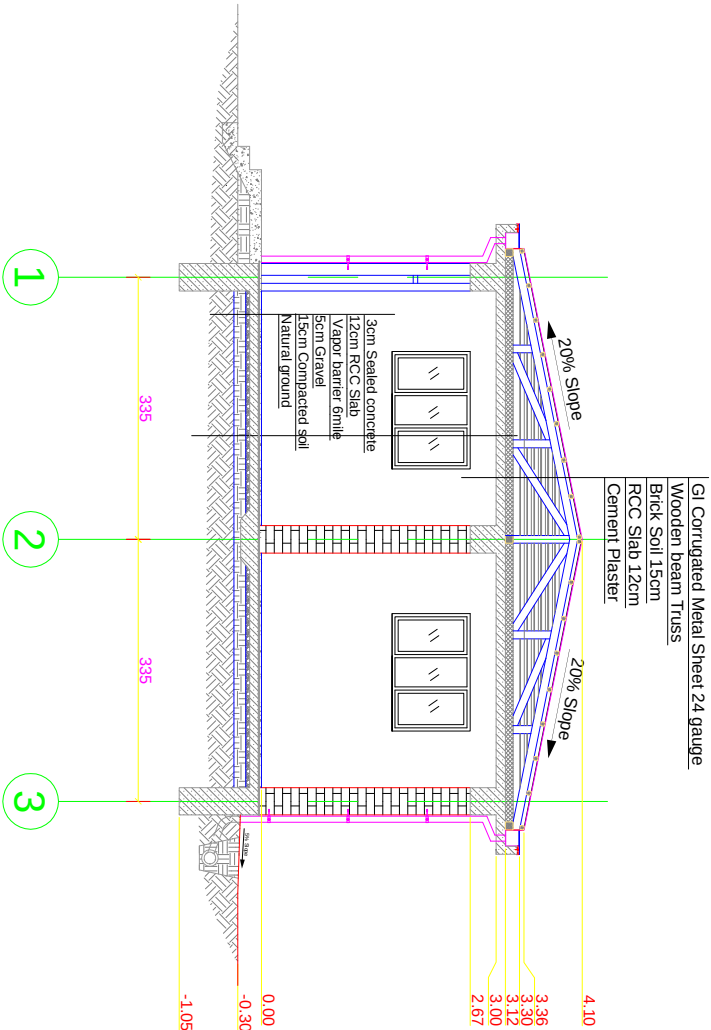
- 1- ALL DIMENSIONS ARE IN CM UNLESS OTHERWISE SPECIFIED.
- 2- ALL LEVELS ARE IN METER (M) UNLESS OTHERWISE SPECIFIED.
- 3- ALL EXTERIOR WALLS ARE 35CM BRICK MASONARY .
- 4- ALL INTERIOR WALLS ARE 35CM BRICK MASONARY .
- 5- EXTERIOR WALLS TO BE PAINTED PLASTER
- 6- ALL WINDOWS ARE 6MM LAMINATED GLASS.
- UNLESS OTHERWISE SPECIFIED.
- 7- ALL DOORS GALVANIZED ARE STEEL DOOR WITH STEEL FRAME.
- 8- ALL ROOFS ARE GAUGE 24 GALVANIZED STEEL CORRUGATED SHEET.



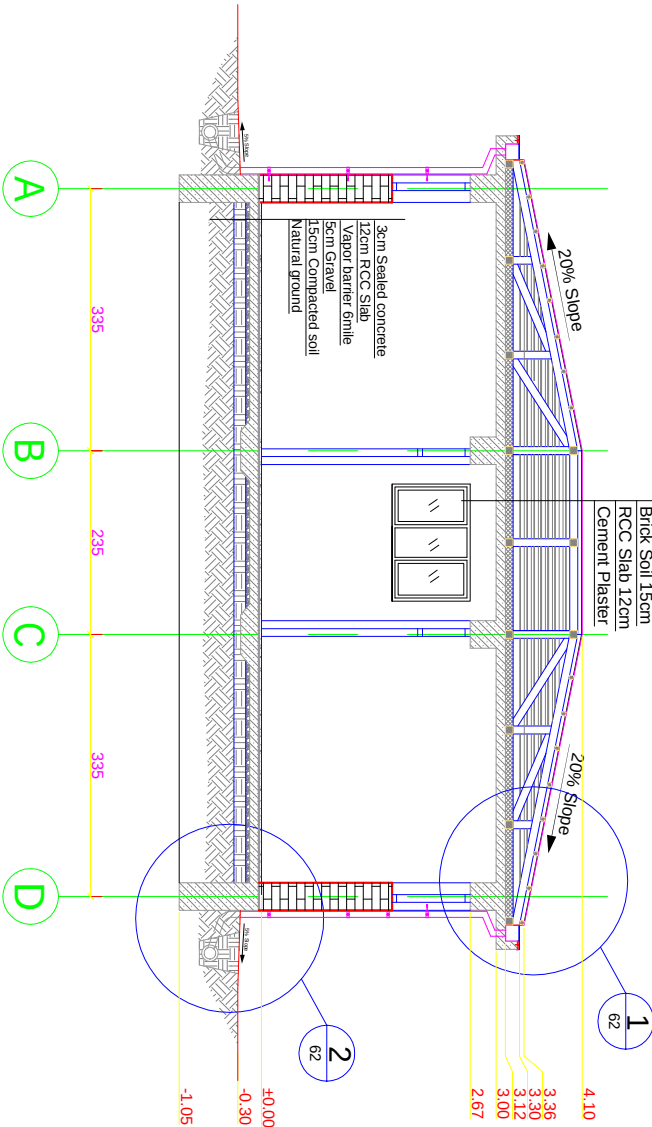
B WEST ELEVATION
Scale: 1:100



A NORTH ELEVATION
Scale: 1:100



B BUILDING SECTION
Scale: 1:100



A BUILDING SECTION
Scale: 1:100

Central Prison Directorate (CPD)

Central prisons Directorate , Engineering Department

Drawn By	Eng. Mateen	Approved By	
Design By		Signature	
Checked by		Date	

DENOMINATION

CHECK POINT BUILDING DETAILS



Typical drawing of check point for the Construction of Prison



Islamic Republic of Afghanistan , Ministry of Interior

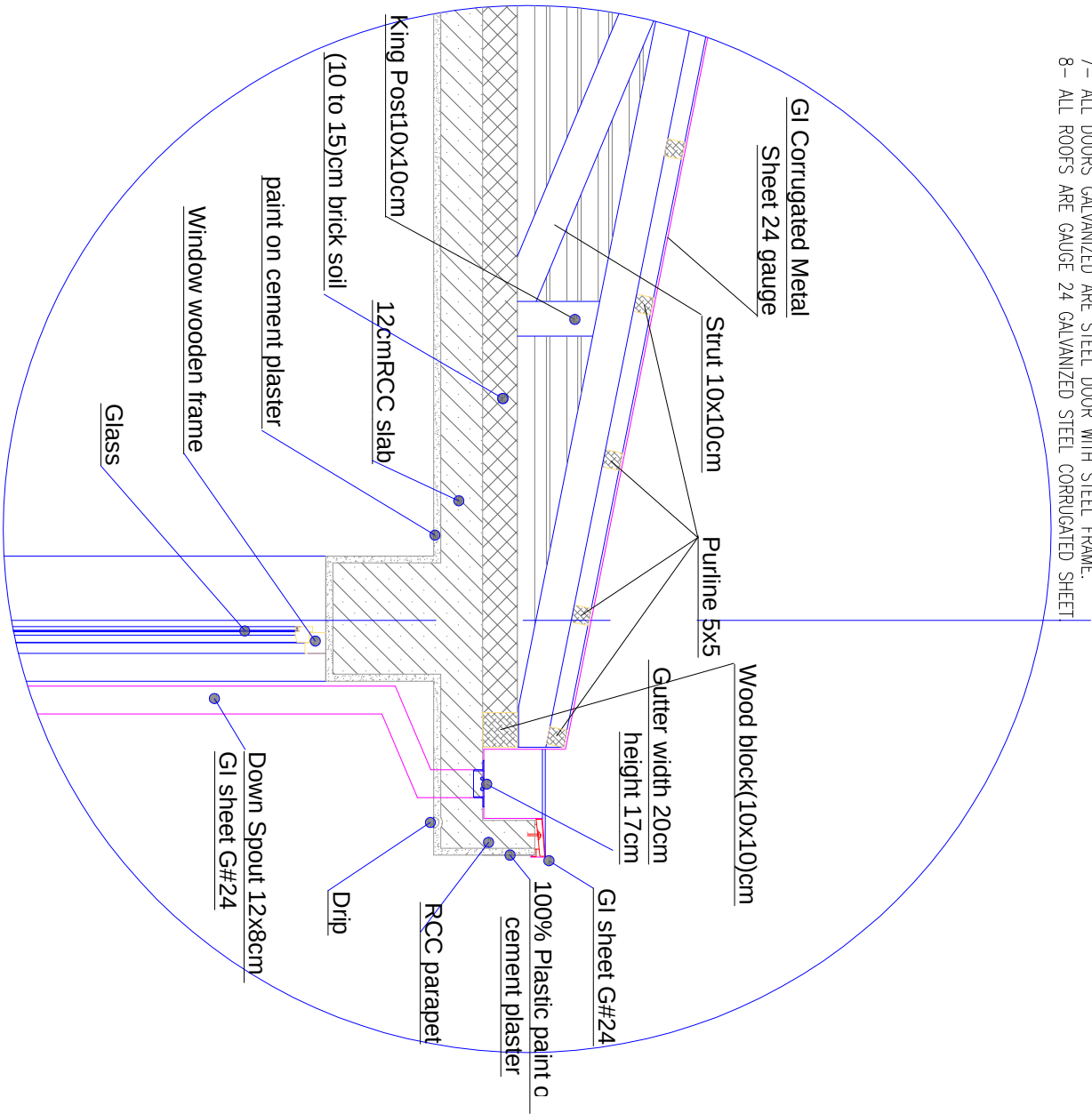
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- 5- EXTERIOR WALLS TO BE PAINTED PLASTER
- 6- ALL WINDOWS ARE 6MM LAMINATED GLASS.
- UNLESS OTHERWISE SPECIFIED.
- 7- ALL DOORS GALVANIZED ARE STEEL DOOR WITH STEEL FRAME.
- 8- ALL ROOFS ARE GAUGE 24 GALVANIZED STEEL CORRUGATED SHEET



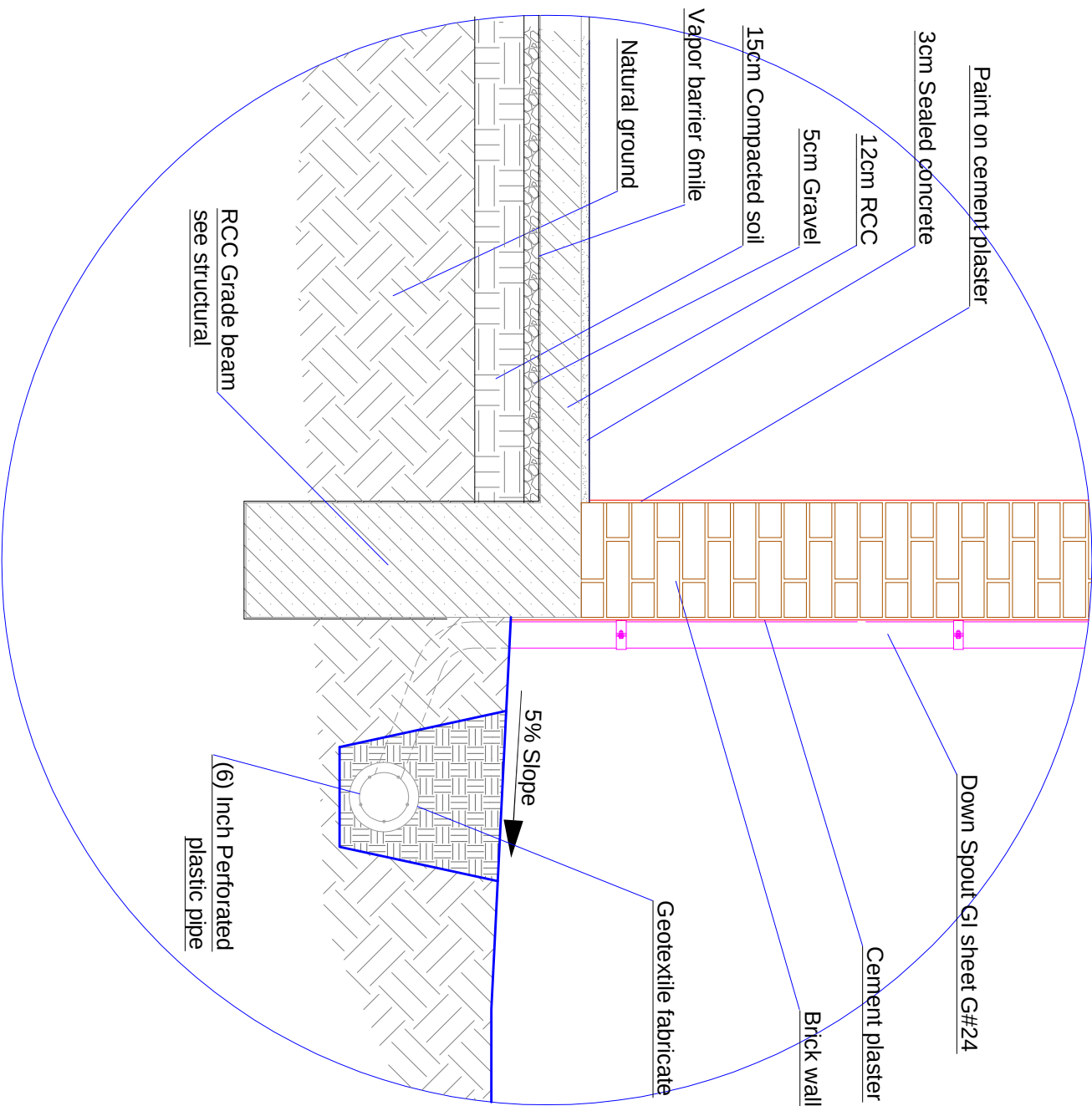
1 Gutter & parapet detail

Scale: 1:20

LOTFA Engineering Department		Central prisons Directorate , Engineering Department		Scale	To fit
Drawn By	Eng. Mateen	Approved By	Eng.	Date	March ,2014
Design By		Signature		Drawing code	Mol-03
Checked by		Date		Sheet number	4 OF 6
DENOMINATION		CHECK POINT CUTTER ; PARAPET AND EXTERIOR WALL DETAILS			

Exterior wall detail

Scale: 1:20



CHECK POINT

BUILDING DETAILS

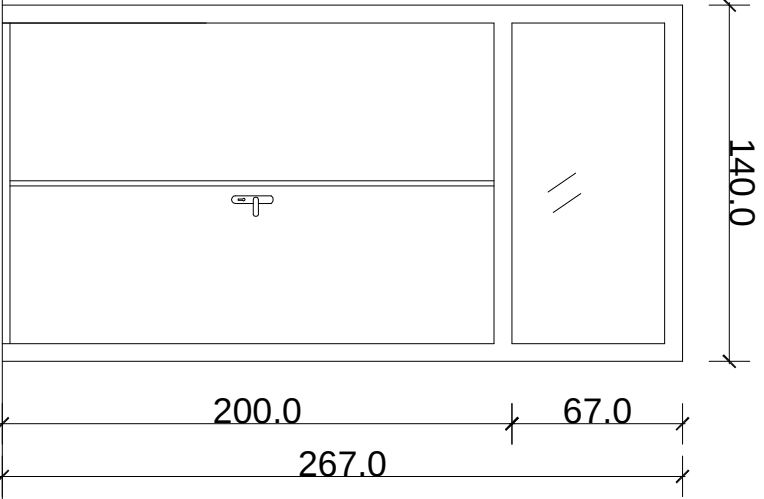
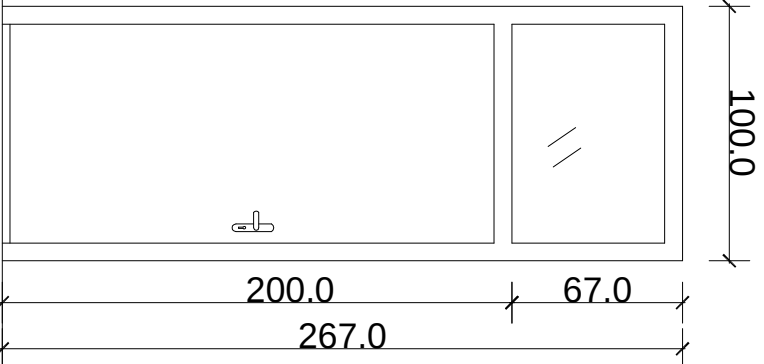
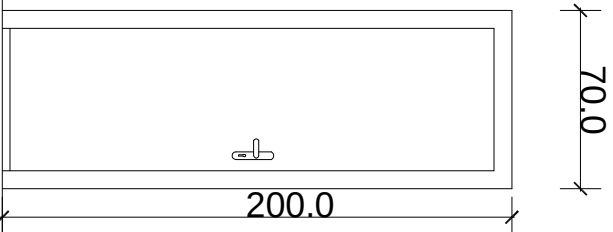
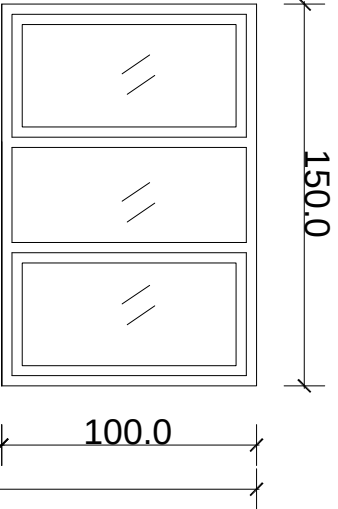
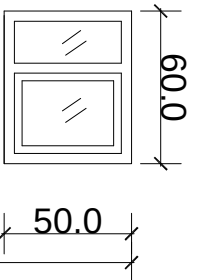


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NOTES:

- 1- ALL DIMENSIONS ARE IN CM UNLESS OTHERWISE SPECIFIED.
- 2- ALL WINDOWS ARE 6MM LAMINATED GLASS.
- 3- UNLESS OTHERWISE SPECIFIED.
- 3- ALL DOORS GALVANIZED ARE STEEL DOOR WITH STEEL FRAME.

W2(1)

W1(5)

Door and window elevation

D3(1)

D2(3)

D1(2)

DOOR SCHEDULE

DOOR SCHEDULE		
STRUCTURAL OPENING	HARDWARE	MATERIAL
NO	D1	- 6 STAINLESS STEEL HINGES SIZE 100X75X21. - LOCK SET WITH REMOVABLE CORE FOR KEY. - 5 MM LAMINATED GLASS OVER THE DOOR. - STAINLESS STEEL HANDLE OUTSIDE. - DOOR CLOSER. - WEATHER STRIPPING. - THRESHOLD.
WIDTH	140	- HOLLOW METAL FRAME. - PAINTED STEEL FLUSH DOOR.
HEIGHT	267	
OPENING SYSTEM	HINGED	
NO	D2	- 3 STAINLESS STEEL HINGES SIZE 100X75X21. - LOCK SET WITH REMOVABLE CORE FOR KEY. - 5 MM LAMINATED GLASS OVER THE DOOR. - STAINLESS STEEL HANDLE.
WIDTH	100	- HOLLOW METAL FRAME. - PAINTED STEEL FLUSH DOOR.
HEIGHT	267	
OPENING SYSTEM	HINGED	
NO	D3	- 3 STAINLESS STEEL HINGES SIZE 100X75X21. - LOCK SET WITH REMOVABLE CORE FOR KEY. - STAINLESS STEEL HANDLE.
WIDTH	70	- HOLLOW METAL FRAME. - PAINTED STEEL FLUSH DOOR.
HEIGHT	200	
OPENING SYSTEM	HINGED	

WINDOW SCHEDULE

WINDOW SCHEDULE		
STRUCTURAL OPENING	HARDWARE	MATERIAL
NO	W1	- STEEL PANEL. - 6MM LAMINATED GLASS. - FIXED METAL INSECT SCREEN OUT SIDE.
WIDTH	150	- HOLLOW METAL FRAME.
HEIGHT	100	
OPENING SYSTEM	HINGED	
NO	W2	- STEEL PANEL. - 6MM LAMINATED GLASS. - FIXED METAL INSECT SCREEN OUT SIDE.
WIDTH	60	- HOLLOW METAL FRAME.
HEIGHT	50	
OPENING SYSTEM	HINGED	

Central Prison Directorate (CPD)



Typical drawing of check point for the Construction of Prison

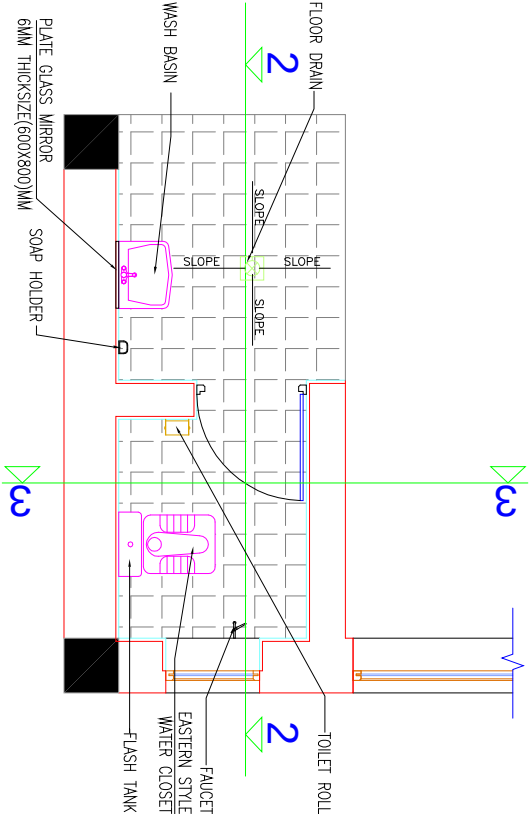
Central prisons Directorate , Engineering Department

Drawn By	Approved By	Scale	To fit
Design By	Signature	Date	March 2014
Checked by		Drawing code	Mol -03
DENOMINATION	Date	Sheet number	5 OF 6

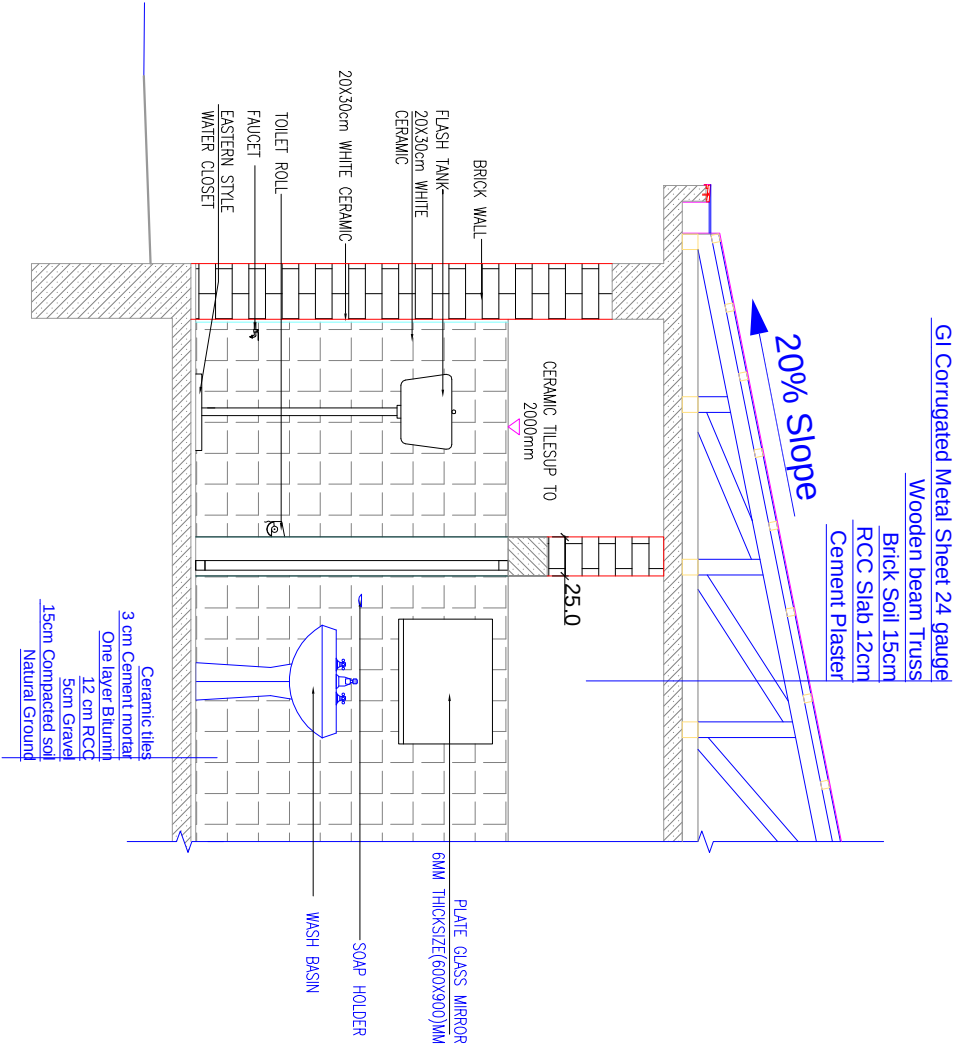


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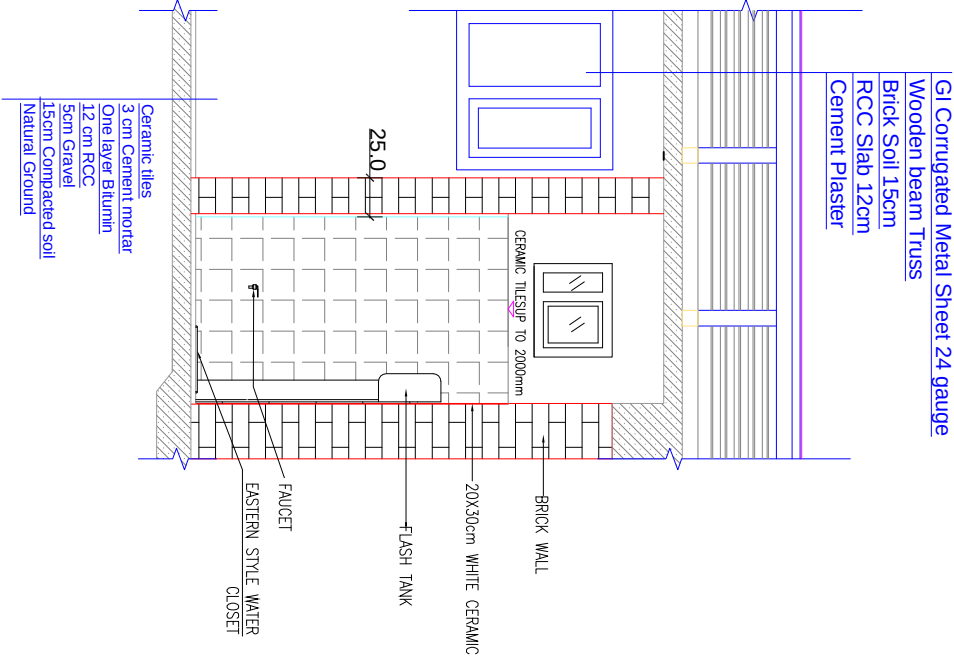
- NOTES:
- 1- ALL DIMENSIONS ARE IN CM UNLESS OTHERWISE SPECIFIED.
 - 2- ALL WINDOWS ARE 6MM LAMINATED GLASS. UNLESS OTHERWISE SPECIFIED.
 - 3- ALL DOORS GALVANIZED ARE STEEL DOOR WITH STEEL FRAME.



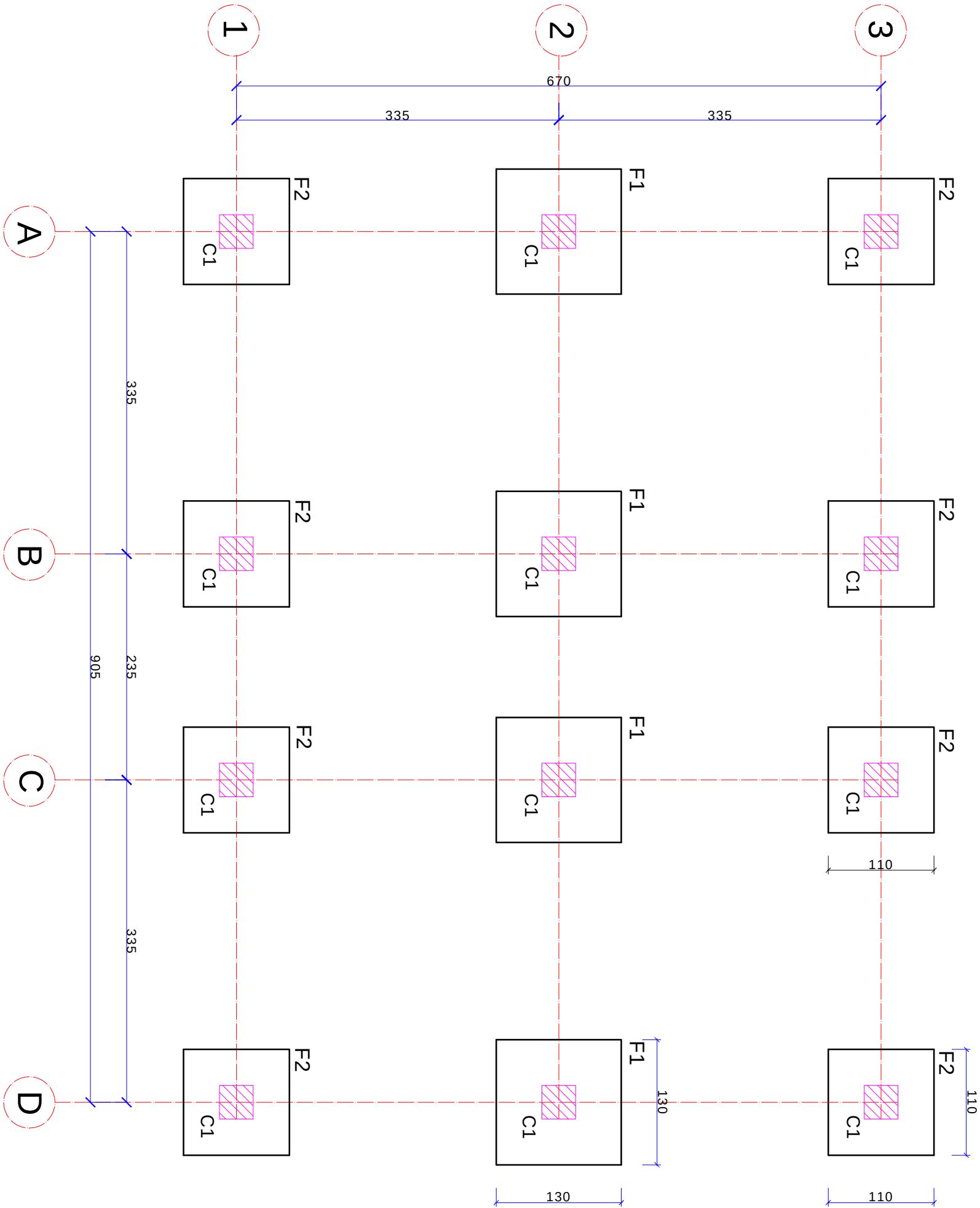
Toilet enlarge plan



DETAIL



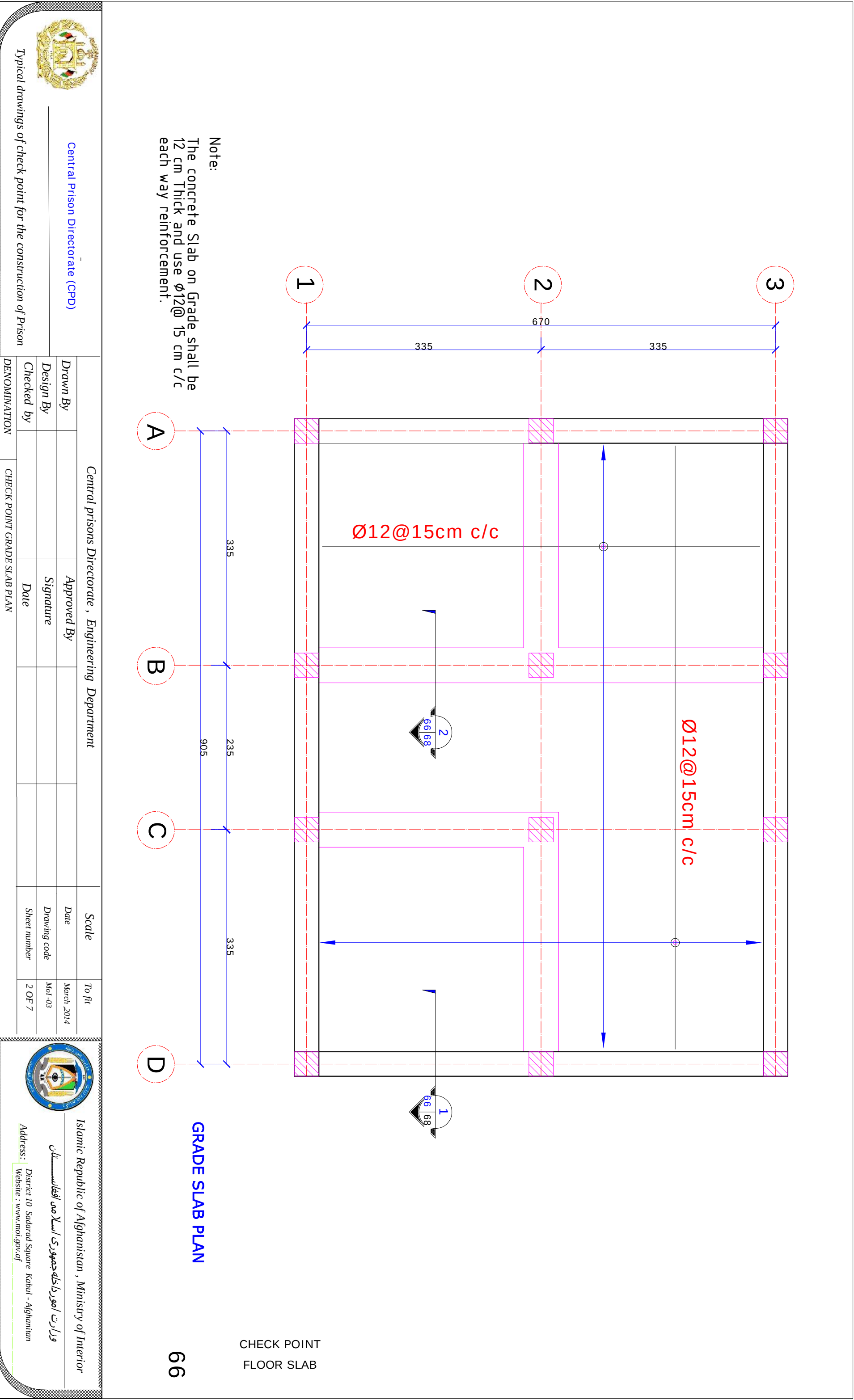
DETAIL

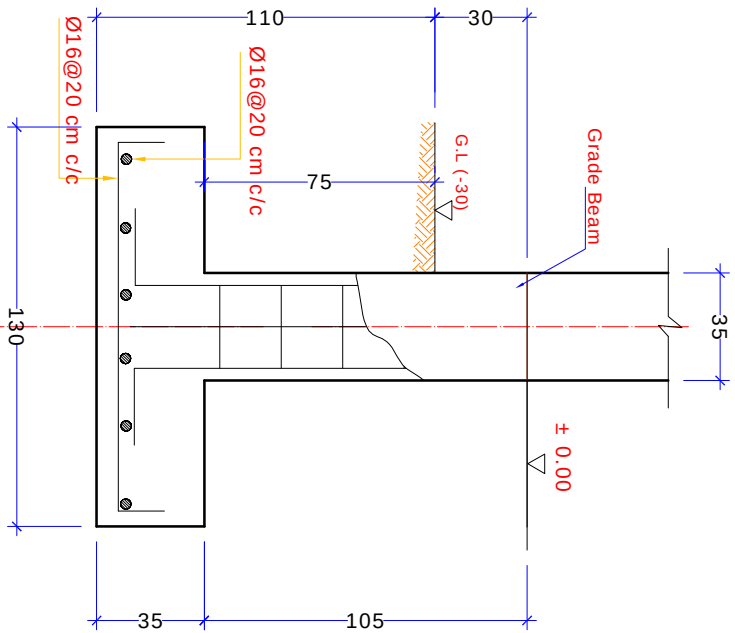


CHECK POINT
FOOTING PLAN

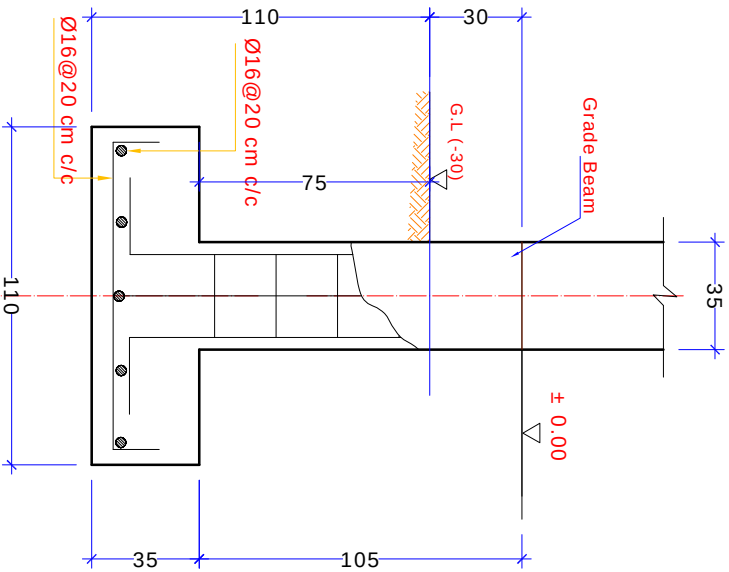
FOUNDATION PLAN



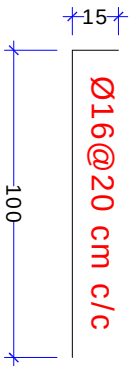
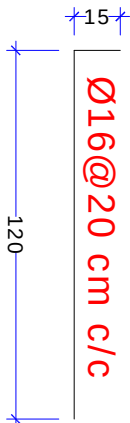
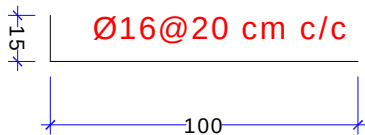
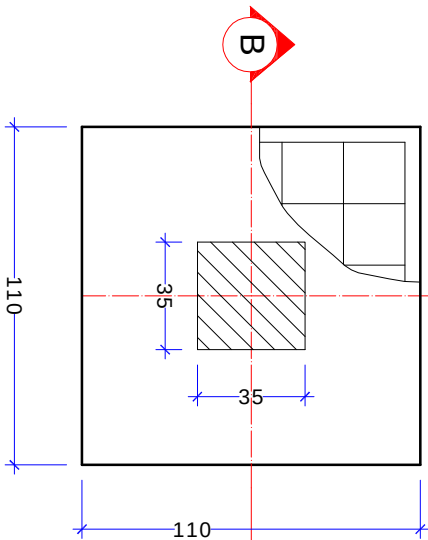
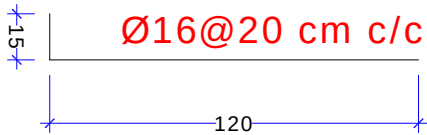
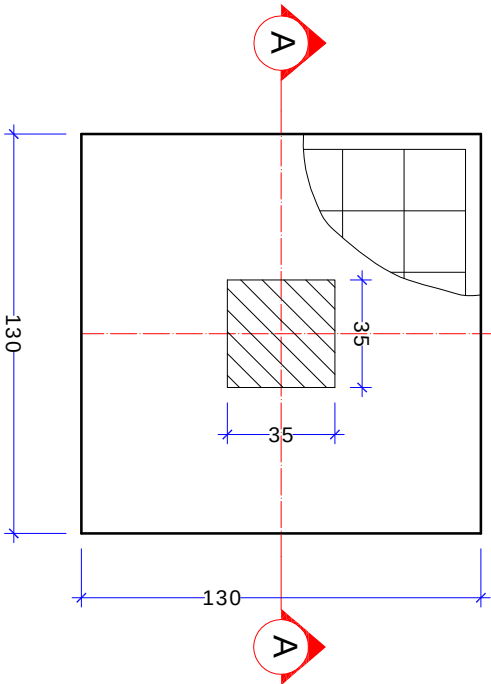




Section A-A



Section B-B



Footing F1

Footing F2



Central Prison Directorate (CPD)

Typical drawings of check point for the construction of Prison

Central prisons Directorate , Engineering Department			
Drawn By		Approved By	
Design By		Signature	
Checked by		Date	
DENOMINATION	CHECK POINT COLUMN FOOTING DETAILS		
Scale	To fit	Date	March 2014
Drawing code	Mol -03	Sheet number	3 OF 7

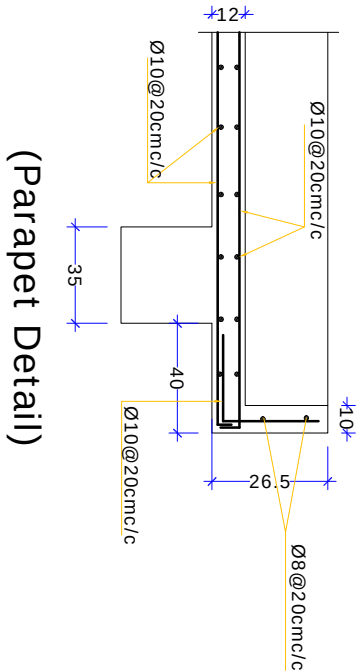
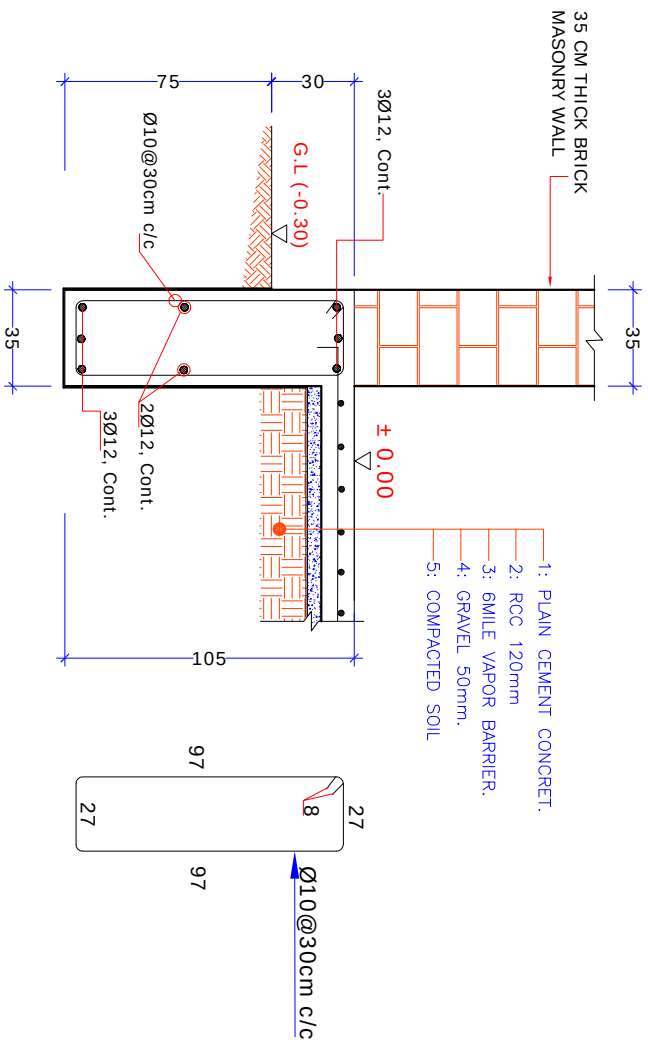


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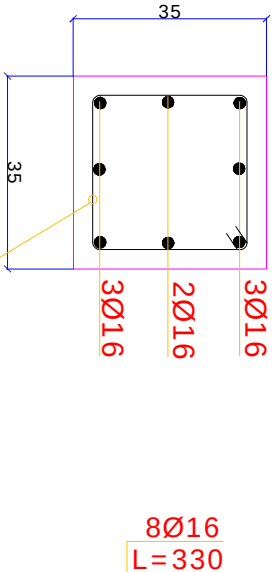
Address: District 10 Sadard Square Kabul - Afghanistan

Website : www.moi.gov.af

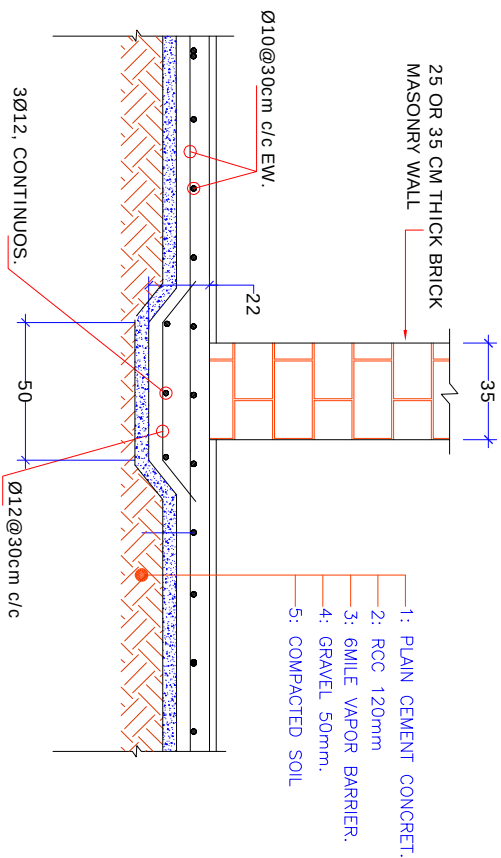


Exterior Wall Foundation

Section 1
SCALE 1:10

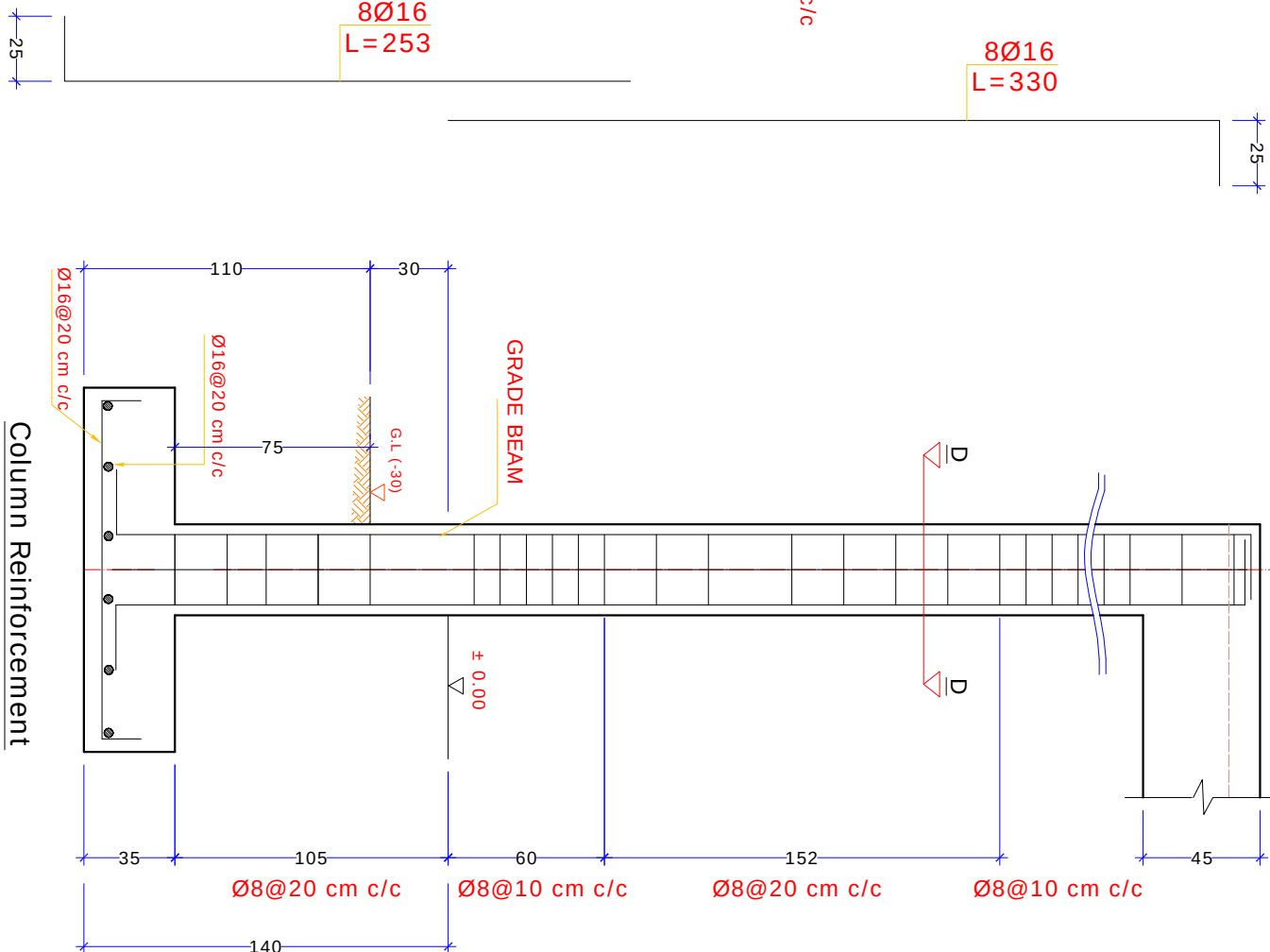


Section D-D



SECTION 1
SCALE 1:10

Interior Wall Section



Column (C1)



Central Prison Directorate (CPD)

Typical drawings of check point for the construction of Prison

Central prisons Directorate , Engineering Department				
Drawn By		Approved By	Eng.	Scale
Design By		Signature		Date
Checked by		Date		Drawing code
DENOMINATION	CHECK POINT WALL DETAILS AND COLUMNS			Sheet number

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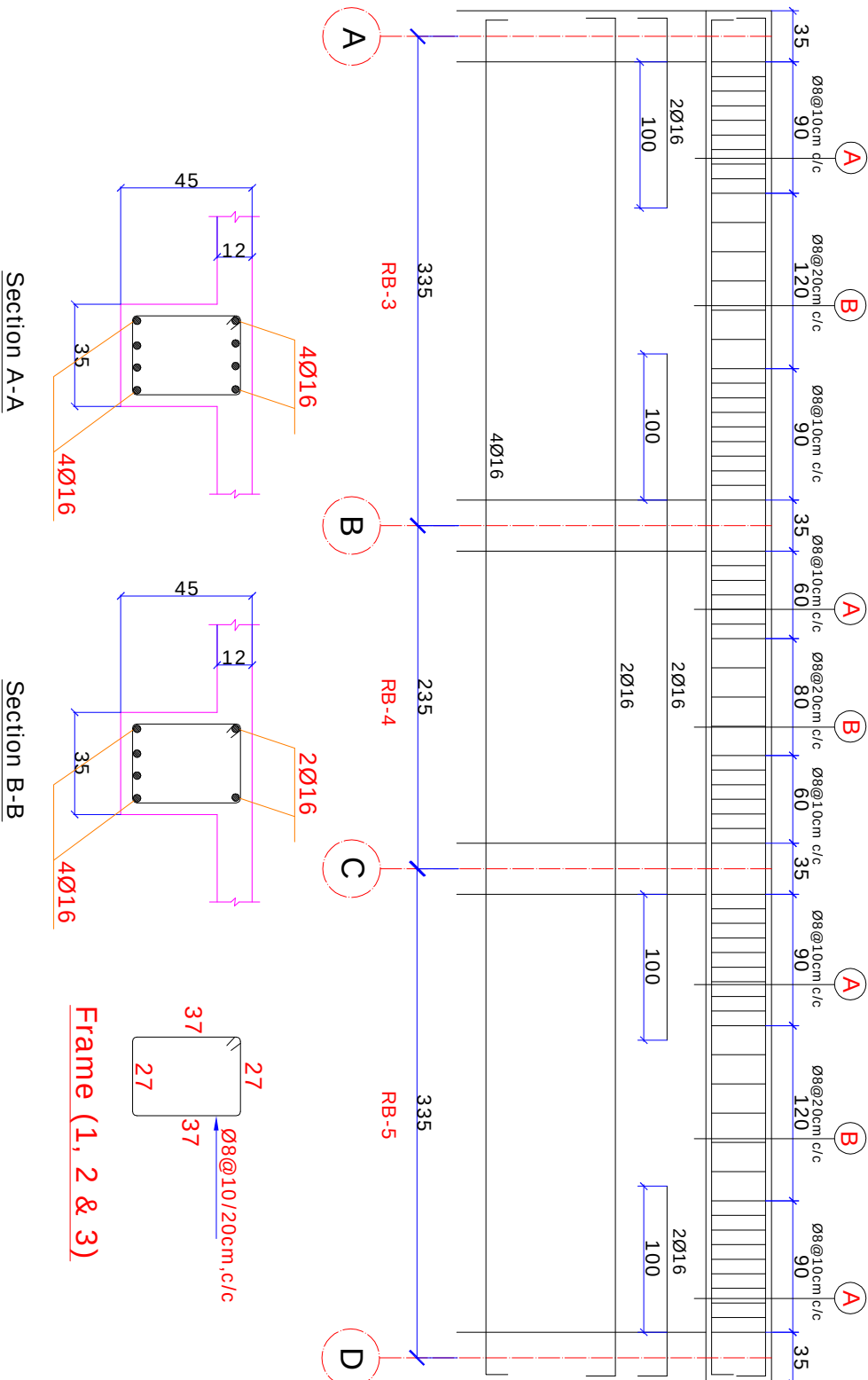
Central Prison Directorate (CPD)

CHECK POINT RING BEAM LAYOUT

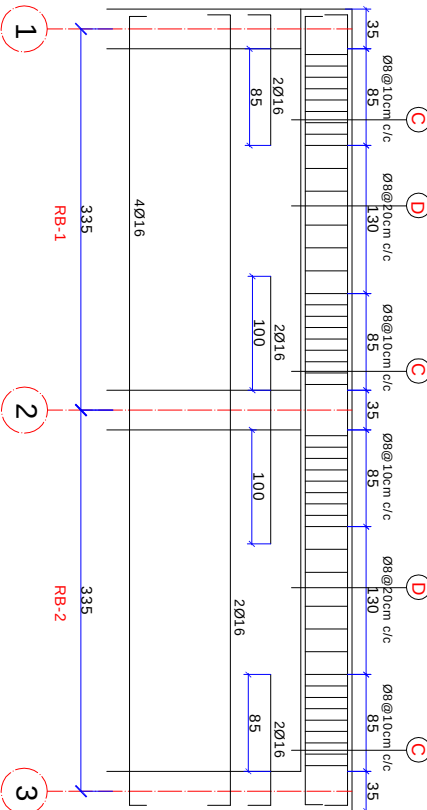
وزارت امور داخلہ جمہوری اسلامی افغانستان



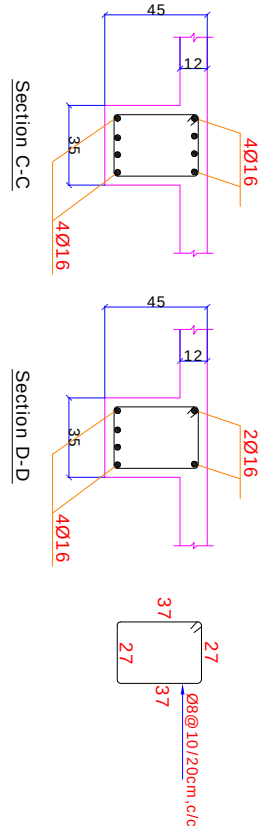
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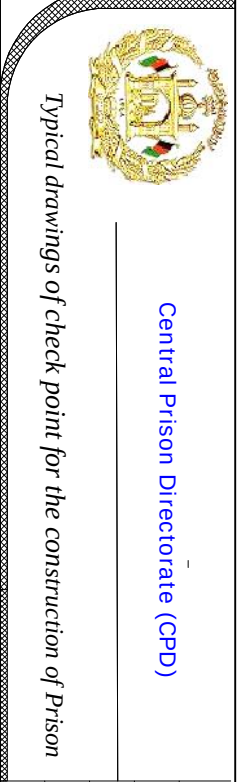


Frame (1, 2 & 3)



Frame (A, B, C & D)





Central prisons Directorate , Engineering Department				Scale	To fit
Drawn By		Approved By		Date	March ,2014
Design By		Signature		Drawing code	Mol -03
Checked by		Date		Sheet number	7 OF 7
DENOMINATION	CHECK POINT ROOF SLAB				

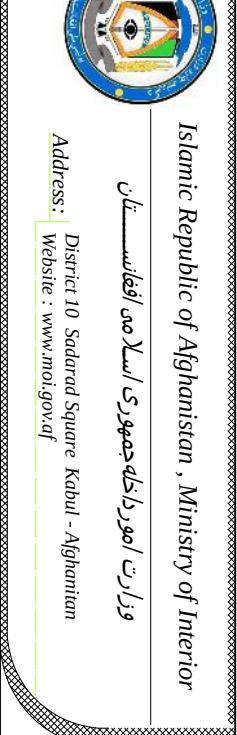


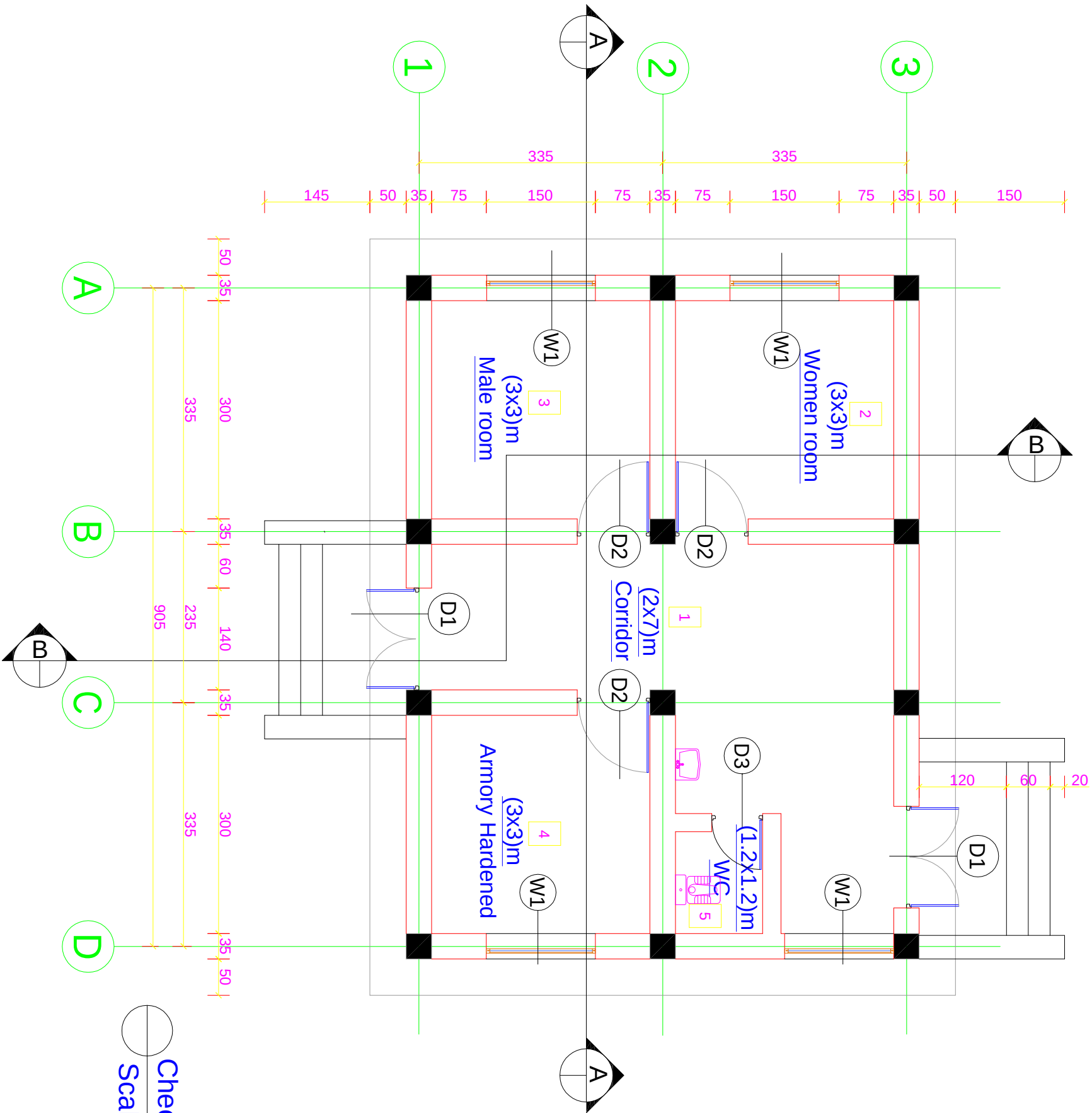
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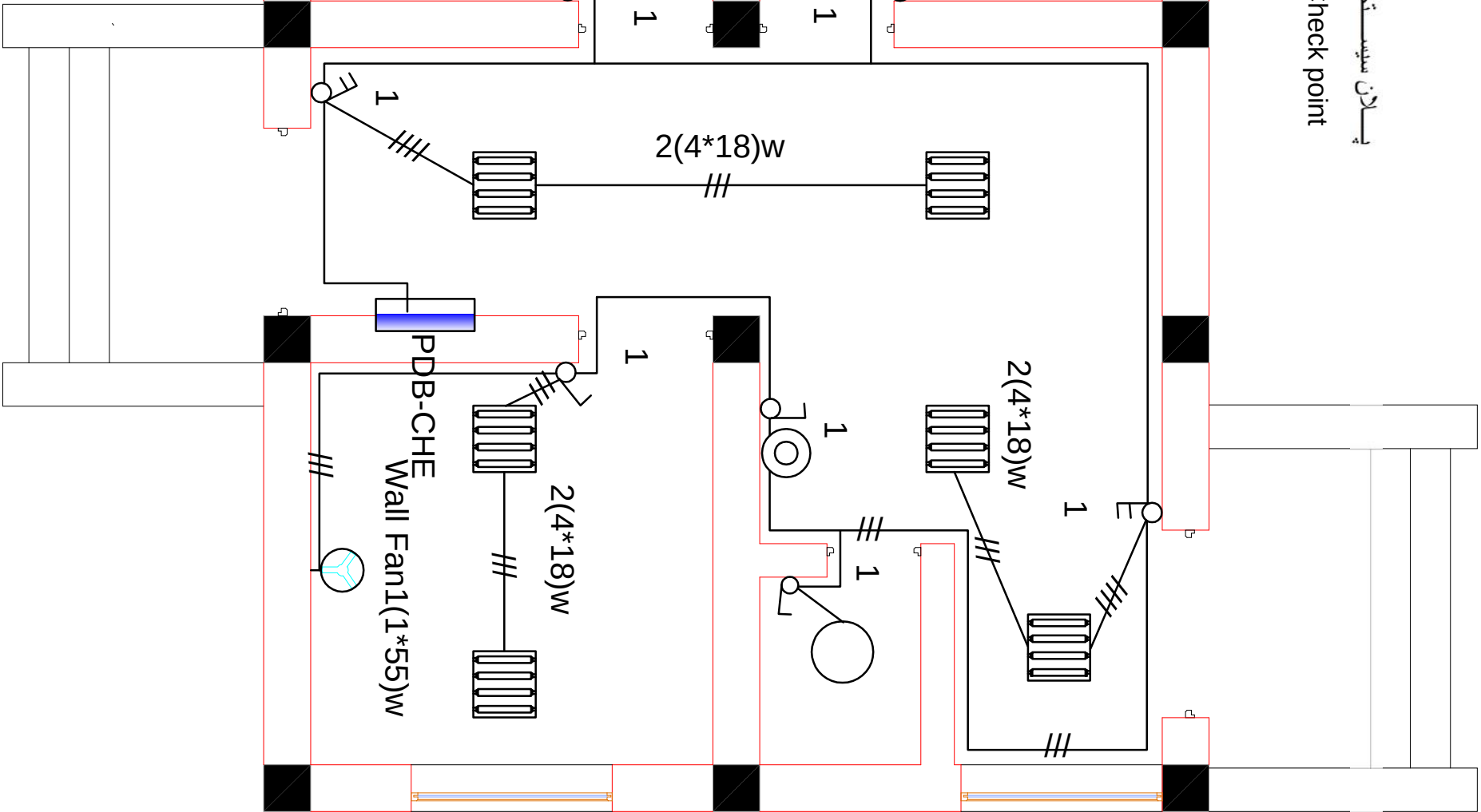
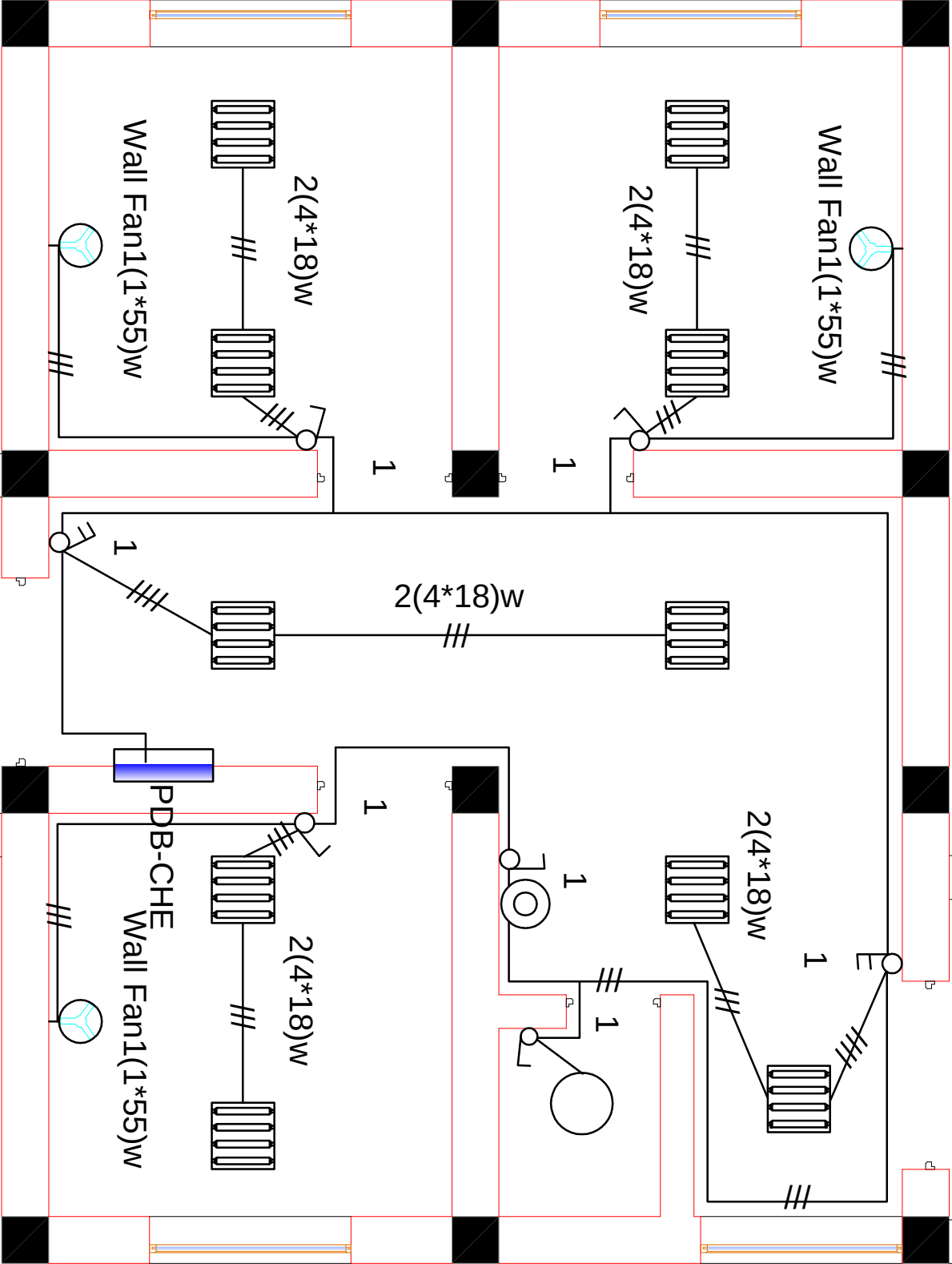
 Website : www.moi.gov.af





Check point plan
Scale: 1/ 100

پلان سیستم روشنایی تعمیر تالاشی
Lighting Plan Check point



Central Prison Directorate (CPD)

Typical drawing of check point for the Construction of Prison

Central prisons Directorate , Engineering Department			
Drawn By		Approved By	
Design By		Signature	
Checked by		Date	
DENOMINATION		CHECK POINT LIGHTING PLAN	

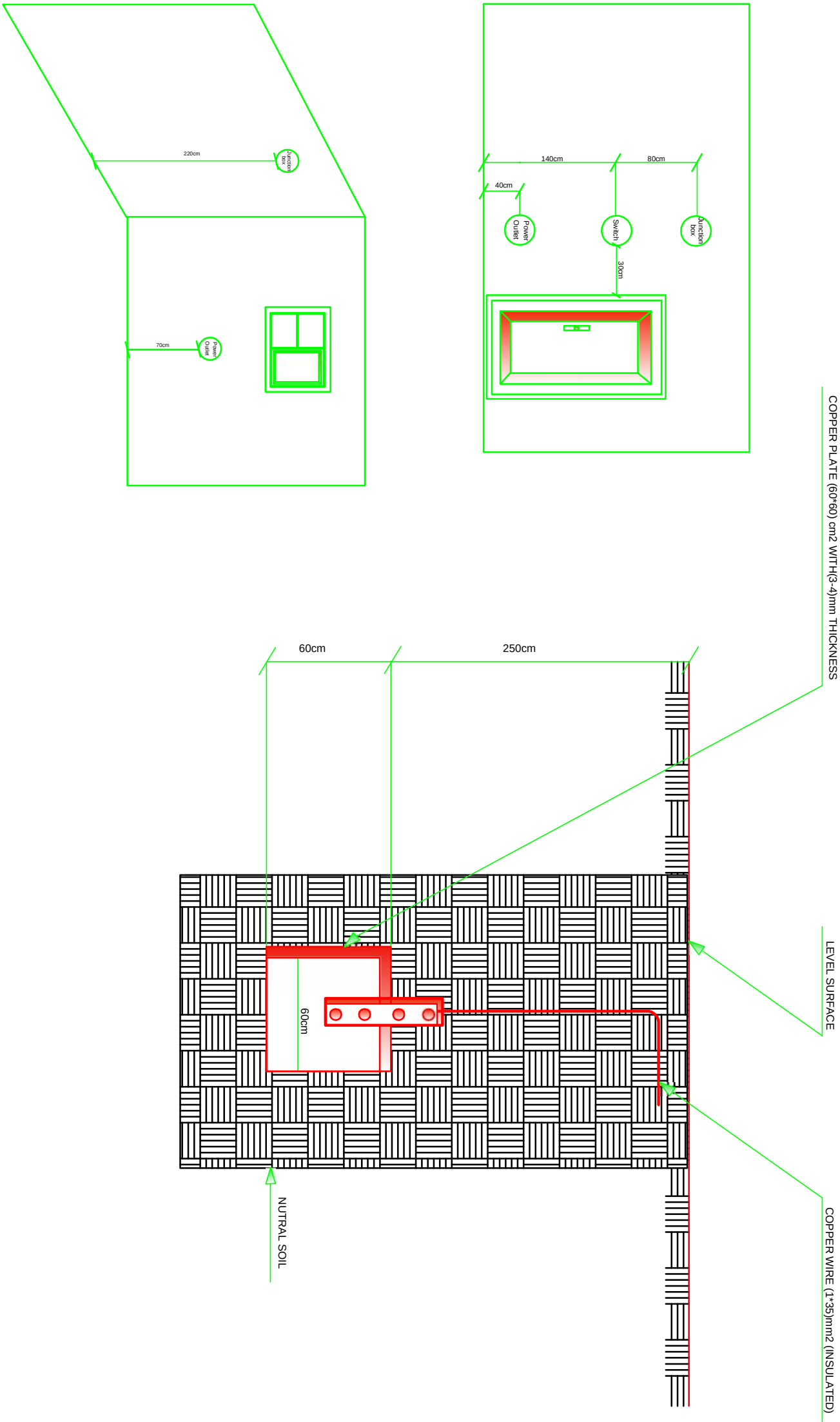
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Grounding and Outlet Installation Detail



Central Prison Directorate (CPD)

Drawn By

Design By

Checked by

DENOMINATION

Central prisons Directorate , Engineering Department

Approved By

Signature

Date

Scale

To fit

Date

Drawing code

Sheet number

March ,2014

Mol -03

3 OF 5

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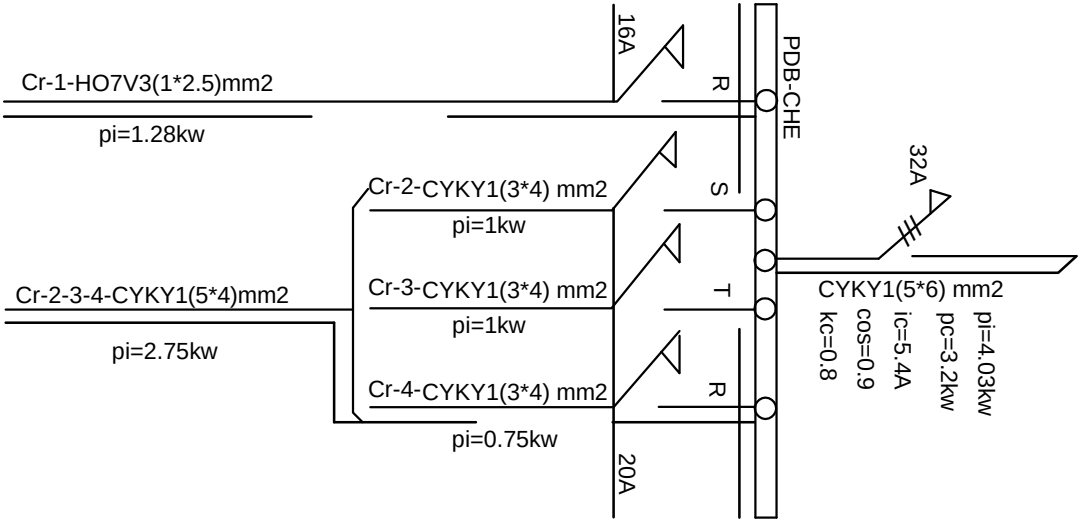
Address:

District 10 Sadard Square Kabul - Afghanistan

Website :

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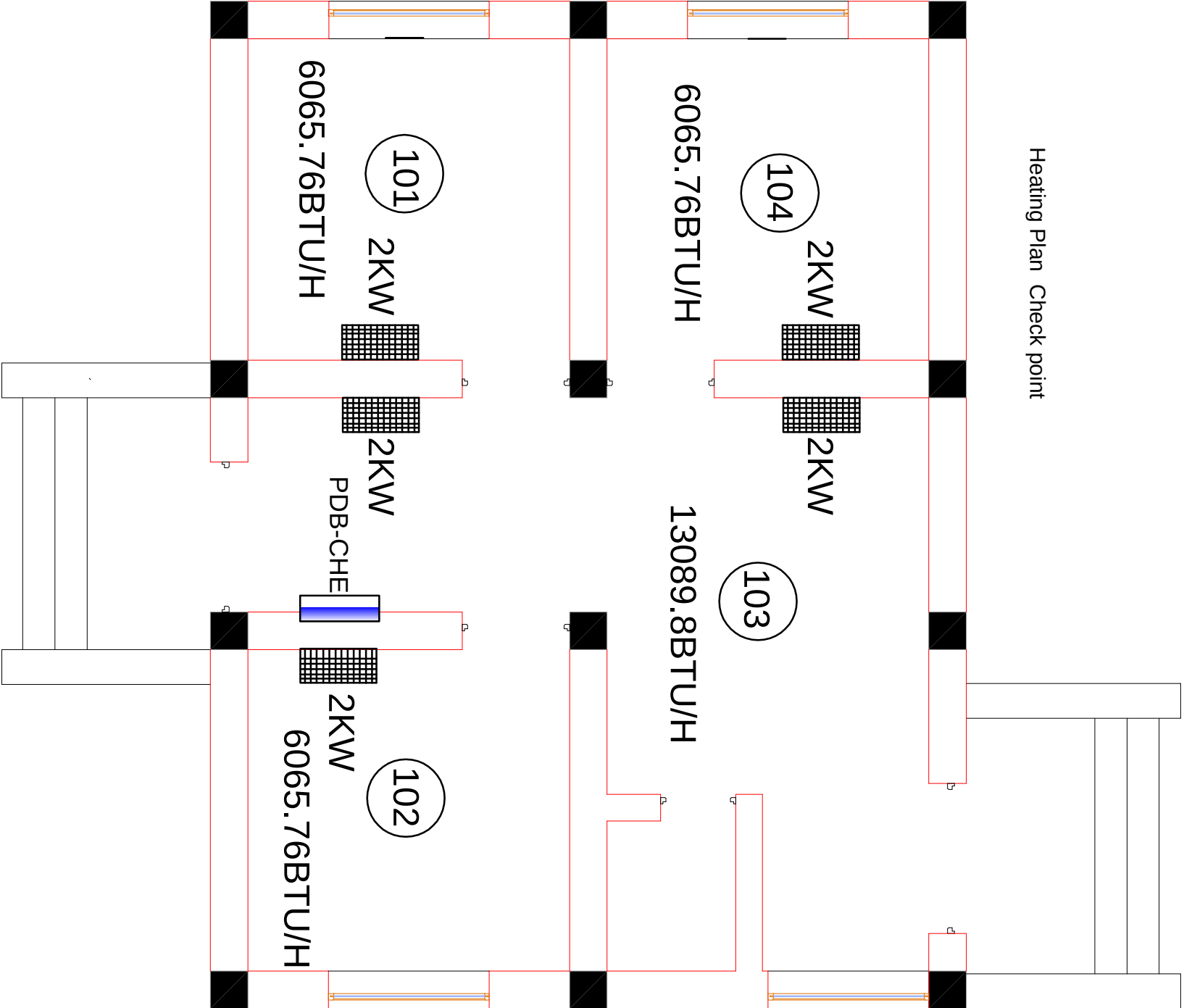
Power and Lighting Electrical Diagrams



Schedule of Electrical Equipment for Check point

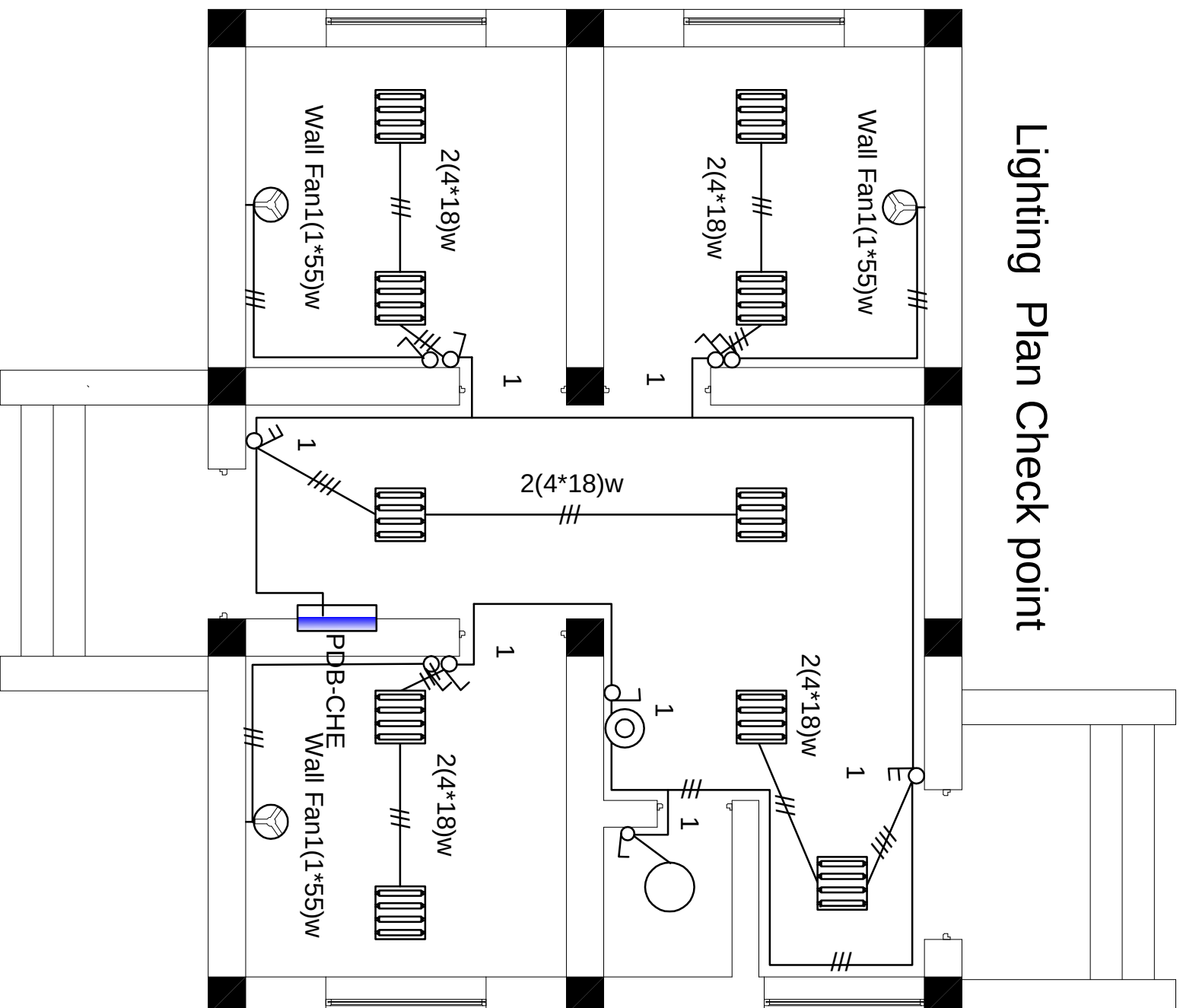
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1		Flourescent Lamp code-1600-1418AL-(4*18)w	Set	10	czec Rep
2		Incondescent Ceiling Lamp 1(1*60)w with circular shade (300) mil	Set	1	Germany
3		Incondescent Lamp 1(1*60)w over the mirrore with shade	Set	1	Germany
4		One pole switch under plaster	Pcg	5	czec Rep
5		Two pole switch under plaster	Pcg	2	czec Rep
6		Singel Phase Socket under plaster APT.803-16A-250V-IEC-60884-1	Pcg	11	czec Rep
7		Auto Switch Singel Phase (16)A	Pcg	1	czec Rep
8		Auto Switch Singel Phase (20)A	Pcg	3	czec Rep
9		Auto SwitchThree Phase (32)A	Pcg	1	czec Rep
10		Panel Distribution board 24Modular (47*38*11)cm	Pcg	1	czec Rep
11		Wall Fan -- (55)w	Set	3	Pakistan
12		Junction Box	Pcg	15	czec Rep
13		Copper Wire HO7V 3(1*2.5)mm2	Meter	250	Germany
14		Copper Wire HO7V 3(1*2.5)mm2	Meter	20	Germany
15		Copper cabale CYKY 1(3*4)mm2	Meter	150	Germany
16		Copper cabale CYKY 1(5*4)mm2	Meter	20	Germany
17		Copper cabale CYKY1(5*6)mm2	Meter	10	Germany
18		P.V.C Pipe (1. 3/4. 1/2) inch	Meter	350	Afghanstan
19		Elbow (1. 3/4. 1/2) inch	Pcg	25	Afghanstan

- Notes : 1-The Switch will be installed -(1.4) m above the floor.
2-The Socket will be installed -(0.4) m above the floor.
3-The Panel Distribution board will be installed -(1.7) m above the floor.
4-Wall fan Connect to nearest joint box of each room.

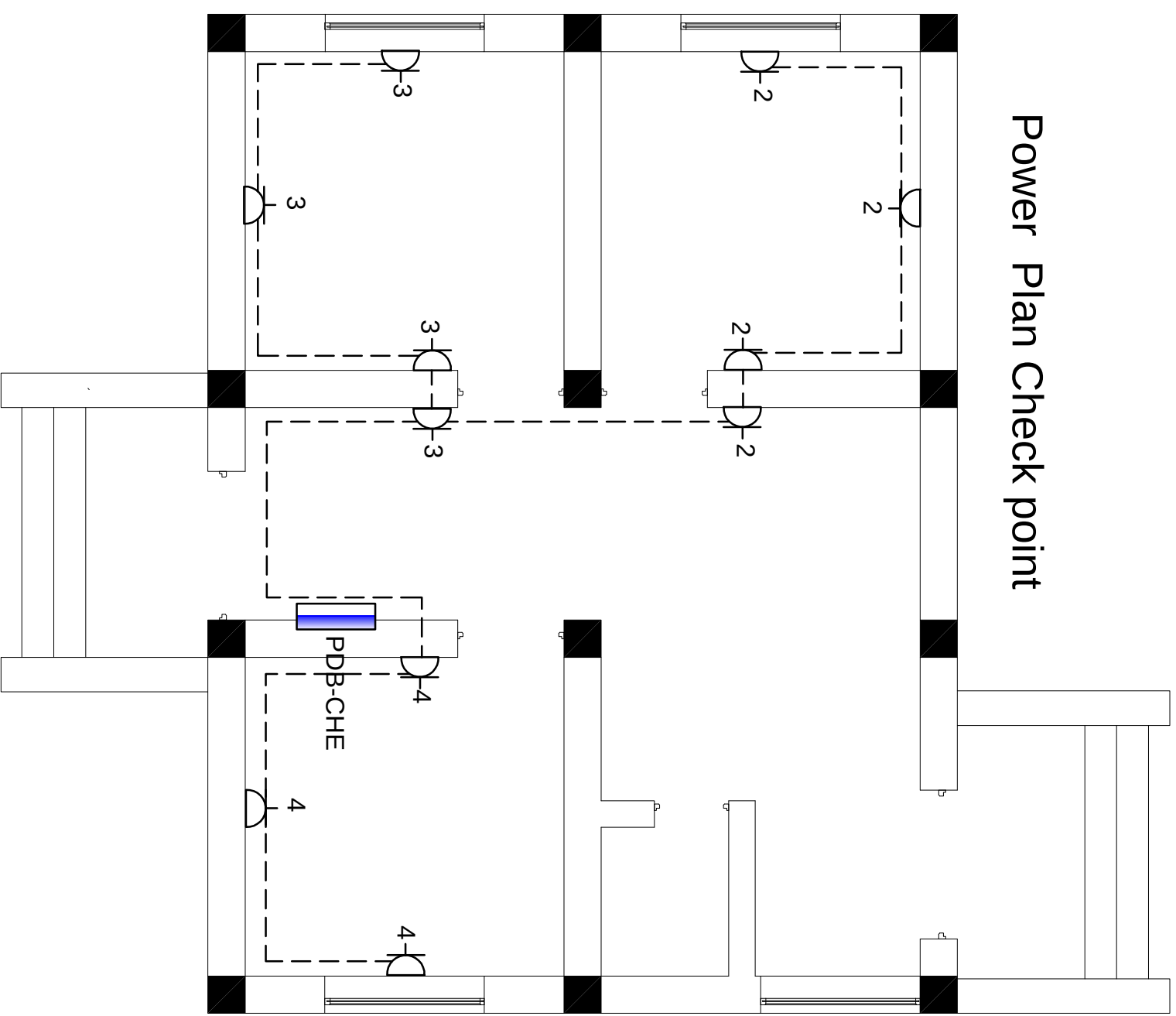


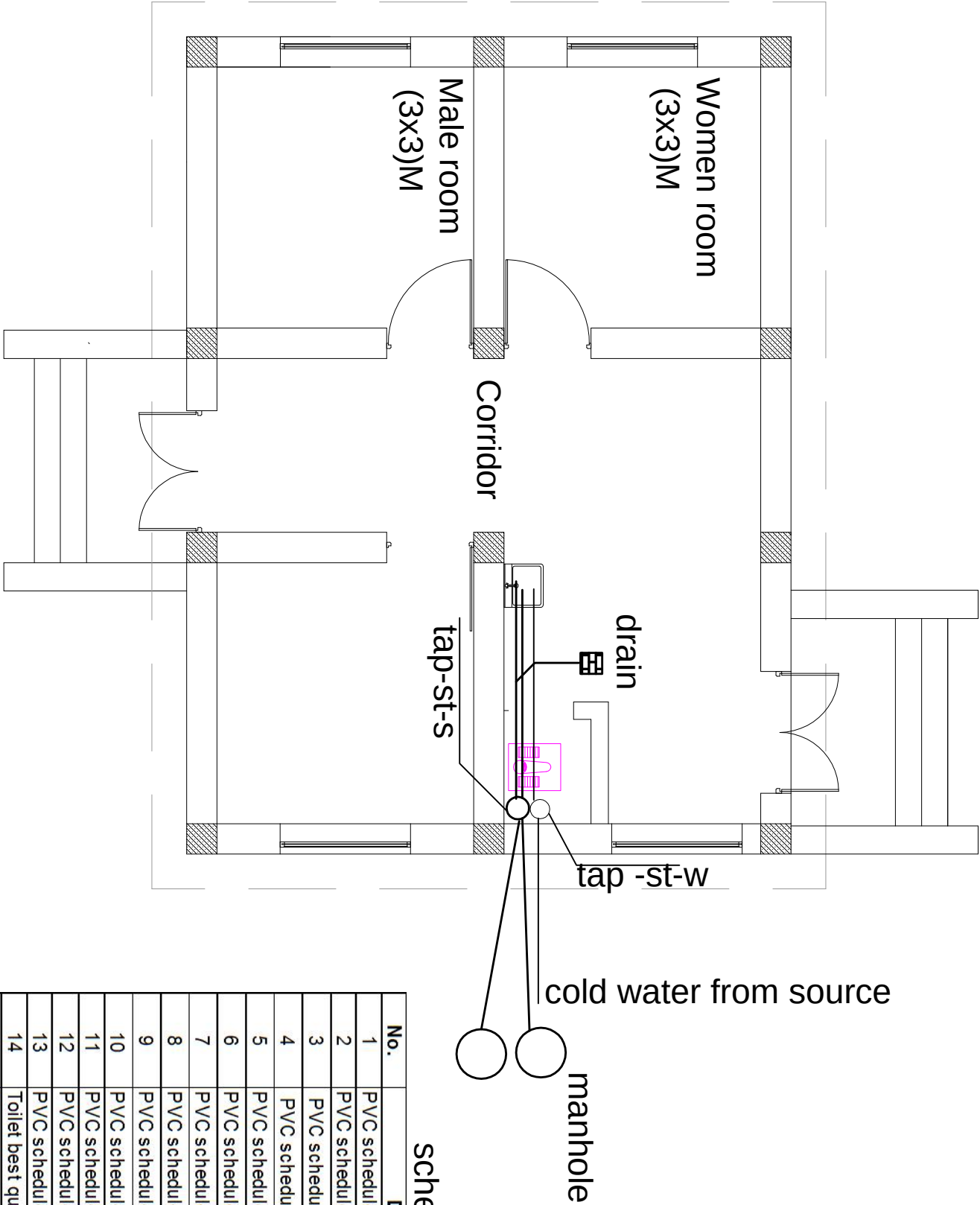
Central prisons Directorate , Engineering Department					Scale	To fit
Drawn By	Eng. Mateen	Approved By	Eng.		Date	March ,2014
Design By		Signature			Drawing code	Mol -03
Checked by		Date			Sheet number	5 OF 5
DENOMINATION		CHECK POINT HEATING PLAN				

Lighting Plan Check point



Power Plan Check point





schedual of quantity

No.	Description	Unit	Quantity
1	PVC schedule 60 Pipe d= 100mm	m	As per need
2	PVC schedule 60 Pipe d= 50mm	m	As per need
3	PVC schedule 60 Bend 135°, d=100	pcs	As per need
4	PVC schedule 60 Bend 90°, d= 100r	pcs	As per need
5	PVC schedule 60 Bend 135°, d=50m	pcs	As per need
6	PVC schedule 60 Bend 90°, d= 50m	pcs	As per need
7	PVC schedule 60 Tee 45°, d= 50mm	pcs	As per need
8	PVC schedule 60 Tee 90°, d= 100m	pcs	As per need
9	PVC schedule 60 Tee 45°, d= 100m	pcs	As per need
10	PVC schedule 60 Tee 45°, 100x 50x	pcs	As per need
11	PVC schedule 60 Inseption d= 100m	pcs	As per need
12	PVC schedule 60 Drain d= 50mm	pcs	As per need
13	PVC schedule 60 Reducer100x50mm	pcs	As per need
14	Toilet best quality	pcs	As per need
15	Basin best quality	pcs	As per need
16	PPR . Pipe d=20mm	m	As per need
17	PPR Pipe d=15mm	m	As per need
18	PPR Bend 20mm	pcs	As per need
19	PPR Bend 15mm	pcs	As per need
20	PPR Tee 15x15x15mm	pcs	As per need
21	Valve and Nepal 20mm	pcs	As per need
22	Valve and Nepal 15mm	pcs	As per need
23	Reducer20x 15 mm	pcs	As per need



Central Prison Directorate (CPD)

Typical drawing of check point for the Construction of Prison

Central prisons Directorate , Engineering Department

Drawn By	Approved By	Scale	To fit
Design By	Signature	Date	March ,2014
Checked by	Date	Drawing code	MoI -03
DENOMINATION	CHECK POINT PLUMBING PLAN	Sheet number	1 OF 1



Islamic Republic of Afghanistan , Ministry of Interior

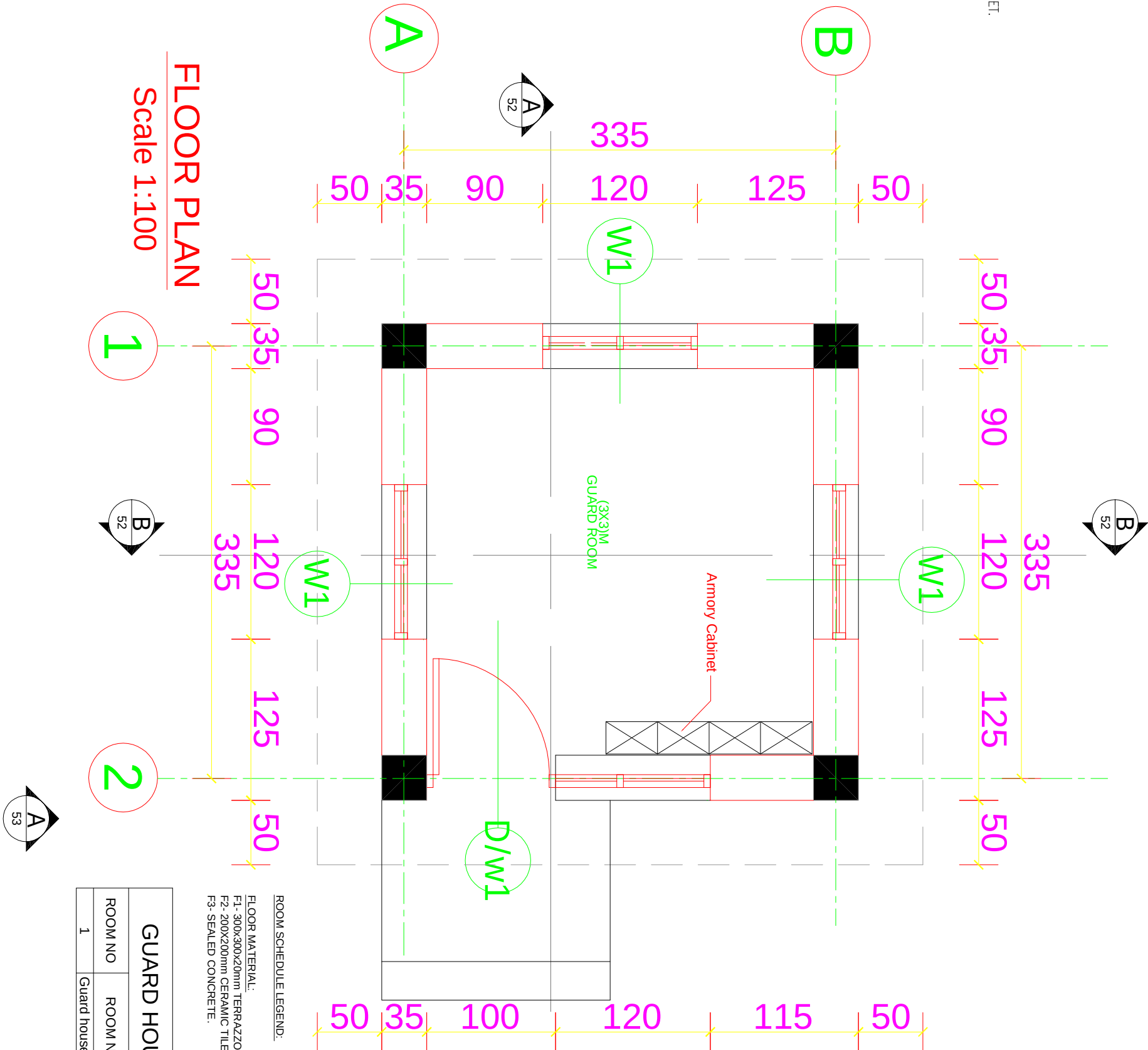
وزارت امور داخله جمهوری اسلامی افغانستان

Address: District 10 Soddard Square Kabul - Afghanistan

Website : www.moi.gov.af

NOTES:

- 1- ALL DIMENSIONS ARE IN CM UNLESS OTHERWISE SPECIFIED.
- 2- ALL LEVELS ARE IN METER (M) UNLESS OTHERWISE SPECIFIED.
- 3- EXTERIOR WALLS ARE 35CM BRICK MASONARY .
- 4- INTERIOR WALLS ARE 35CM BRICK MASONARY .
- 5- EXTERIOR WALLS TO BE PAINTED PLASTER
- 6- ALL WINDOWS ARE 6MM LAMINATED DOUBLE GLASS.
- UNLESS OTHERWISE SPECIFIED.
- 7- ALL DOORS ARE GALVANIZED STEEL DOOR WITH STEEL FRAME.
- 8- ALL ROOFS ARE GAUGE 24 GALVANIZED STEEL CORRUGATED SHEET.



ROOM SCHEDULE LEGEND:

- FLOOR MATERIAL:
F1- 300X300X20mm TERRAZZO TILES.
F2- 200X200mm CERAMIC TILES.
F3- SEALED CONCRETE.
- WALL MATERIAL:
W1- PAINTED PLASTER.
W2- 150X150mm GLAZED CERAMIC UP TO 2M
- CEILING MATERIAL:
C1- PAINTED PLASTER.

GUARD HOUSE FINISH SCHEDULE

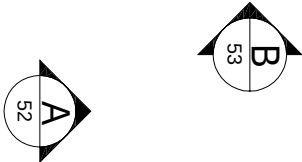
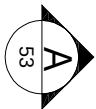
ROOM NO	ROOM NAME	FLOOR	WALLS	CEILING
1	Guard house	F3	W1	C1



Central Prison Directorate (CPD)

Typical drawing of Guard house for the Construction of Prison

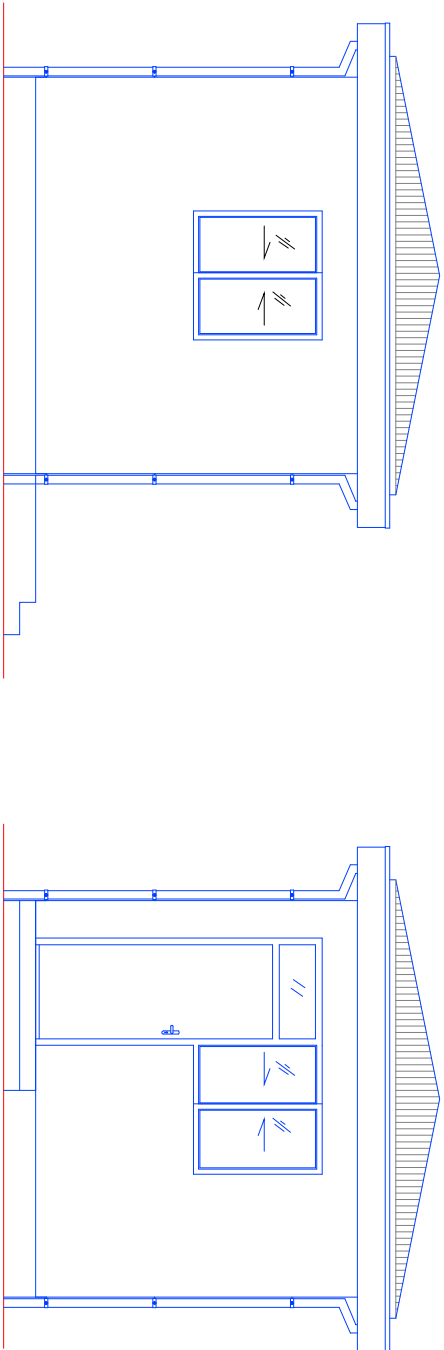
Central prisons Directorate , Engineering Department			
Drawn By		Approved By	
Design By		Signature	
Checked by		Date	
DENOMINATION	GUARD HOUSE FLOOR PLAN AND FINISHED SCHEDULE		



Islamic Republic of Afghanistan , Ministry of Interior

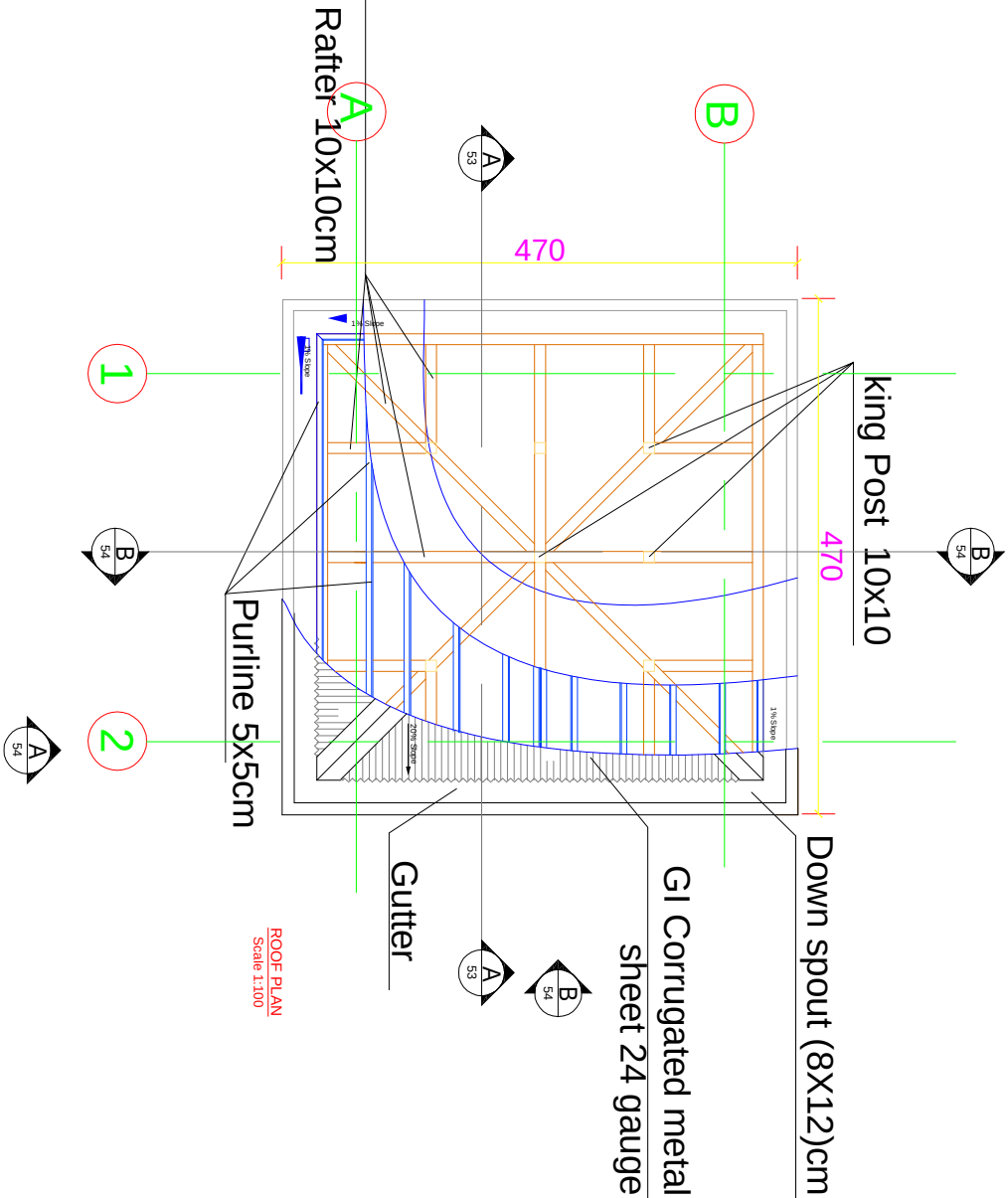
وزارت امور داخله جمهوری اسلام افغانستان

Address: District 10 Soddard Square Kabul - Afghanistan
website : www.moi.org.af

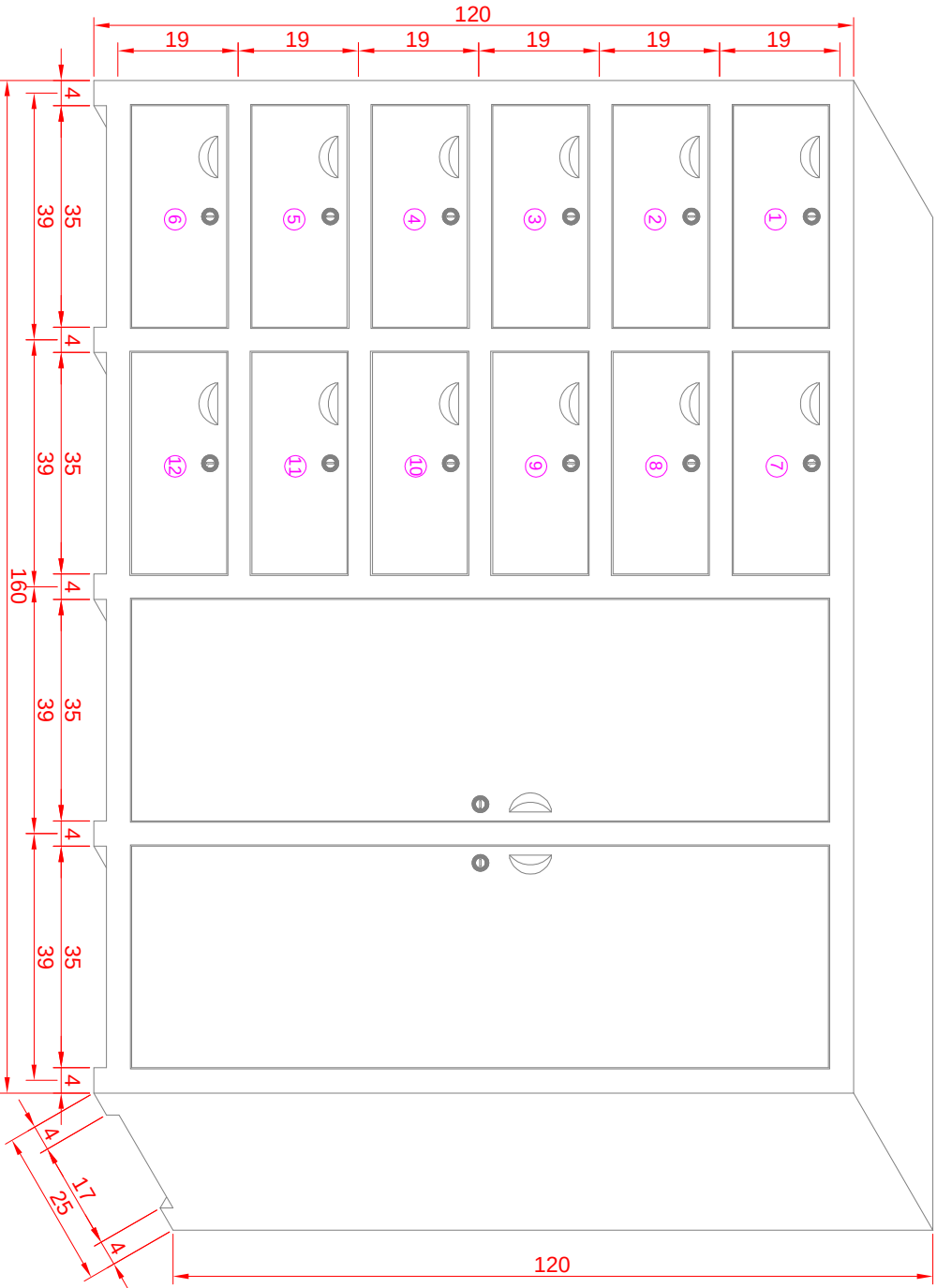


A NORTH ELEVATION
Scale: 1:100

B WEST ELEVATION
Scale: 1:100



- NOTES:
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 - 5- EXTERIOR WALLS TO BE PAINTED PLASTER
 - 6- ALL WINDOWS ARE 6MM LAMINATED DOUBLE GLASS.
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 - 8- ALL ROOFS ARE GAUGE 24 GALVANIZED STEEL CORRUGATED SHEET.



ARMORY CABINET ISOMETRIC VIEW
ONLY AT MAIN ENTRY CONTROL POINT
scale 1:20:

GUARD HOUSE
ROOF PLAN
& ELEVATIONS



Central Prison Directorate (CPD)

Typical drawing of Guard house for the Construction of Prison

LOTFA Engineering Department		Central prisons Directorate , Engineering Department			Scale		To fit
Drawn By	Eng. Mateen	Approved By	Eng.		Date	March ,2014	
Design By		Signature			Drawing code	Mol -03	
Checked by		Date			Sheet number	2 OF 5	
DENOMINATION		GUARD HOUSE ROOF PLAN AND ELEVATION					



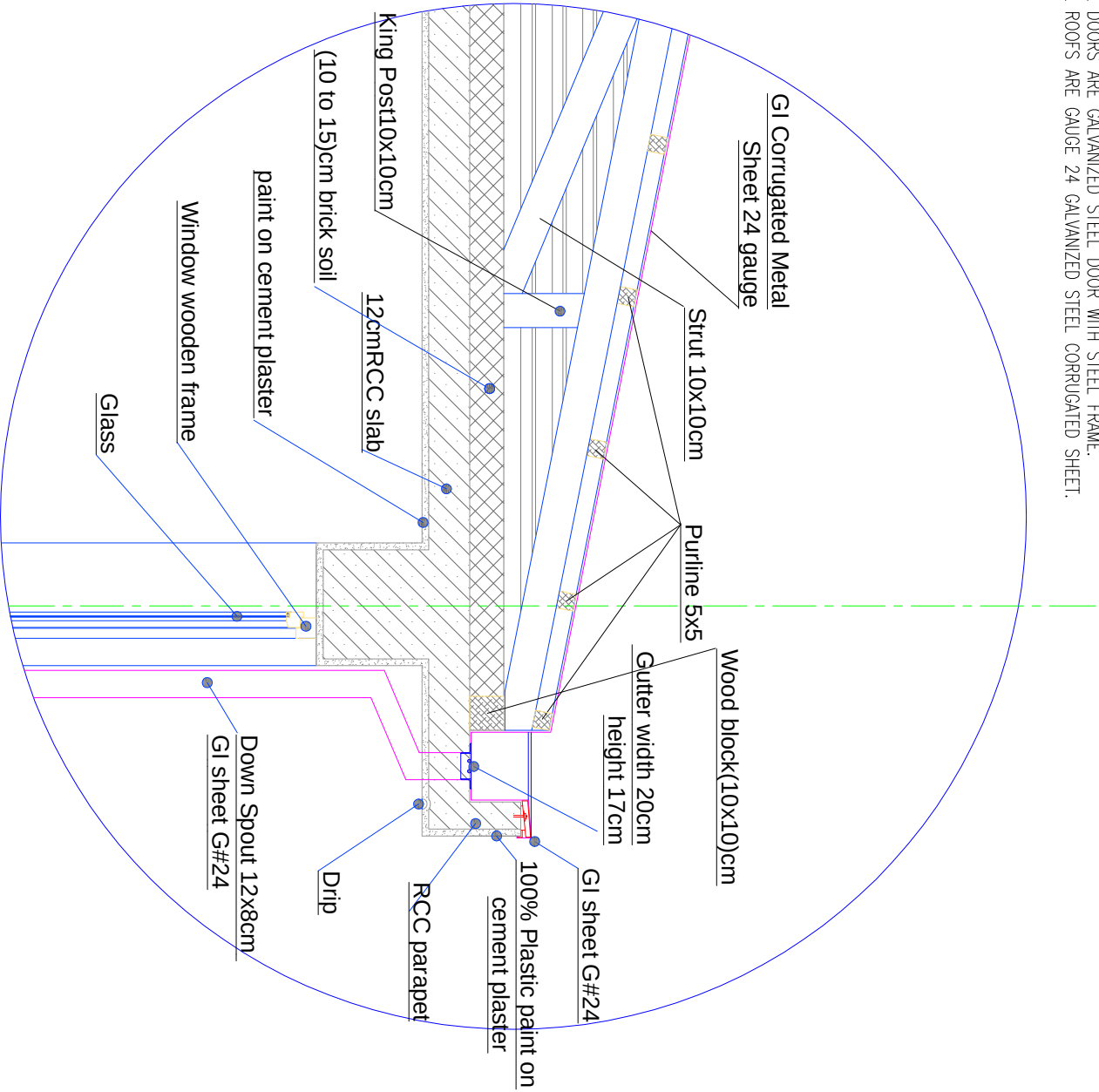
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وزارت امور داخله جمهوری اسلامی افغانستان

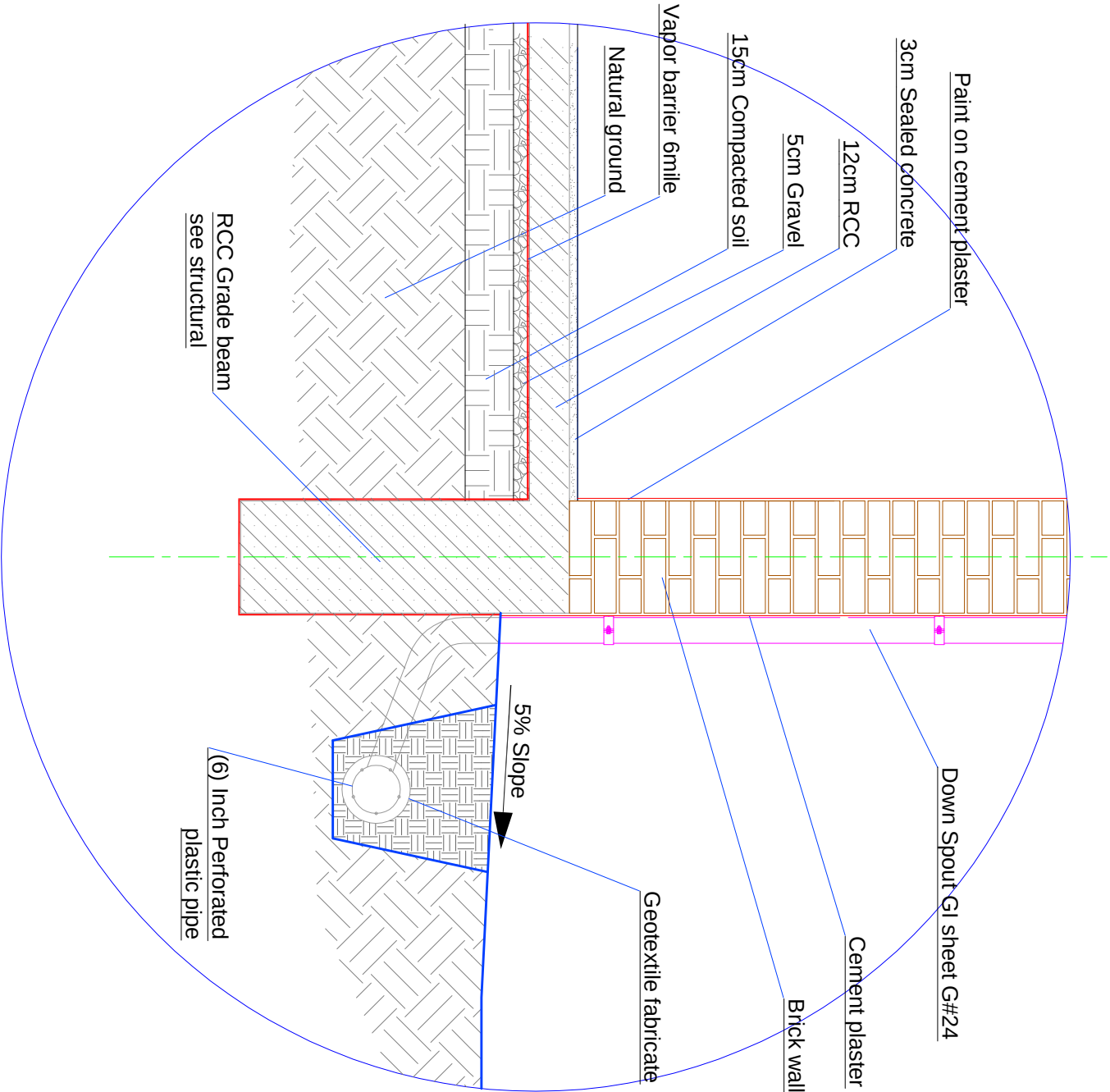
Address: District 10 Sadrard Square Kabul - Afghanistan
website : www.moi.org.af

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1 Gutter & parapet detail
Scale: 1:20



2 Exterior wall detail
Scale: 1:20



Central Prison Directorate (CPD)

Typical drawing of Guard house for the Construction of Prison

LOTFA Engineering Department		Central prisons Directorate , Engineering Department		Scale		To fit
Drawn By	Eng. Mateen	Approved By	Eng.	Date	March ,2014	
Design By		Signature		Drawing code	Mol -03	
Checked by		Date		Sheet number	3 OF 5	
DENOMINATION		GUARD HOUSE BUILDING DETAILS				



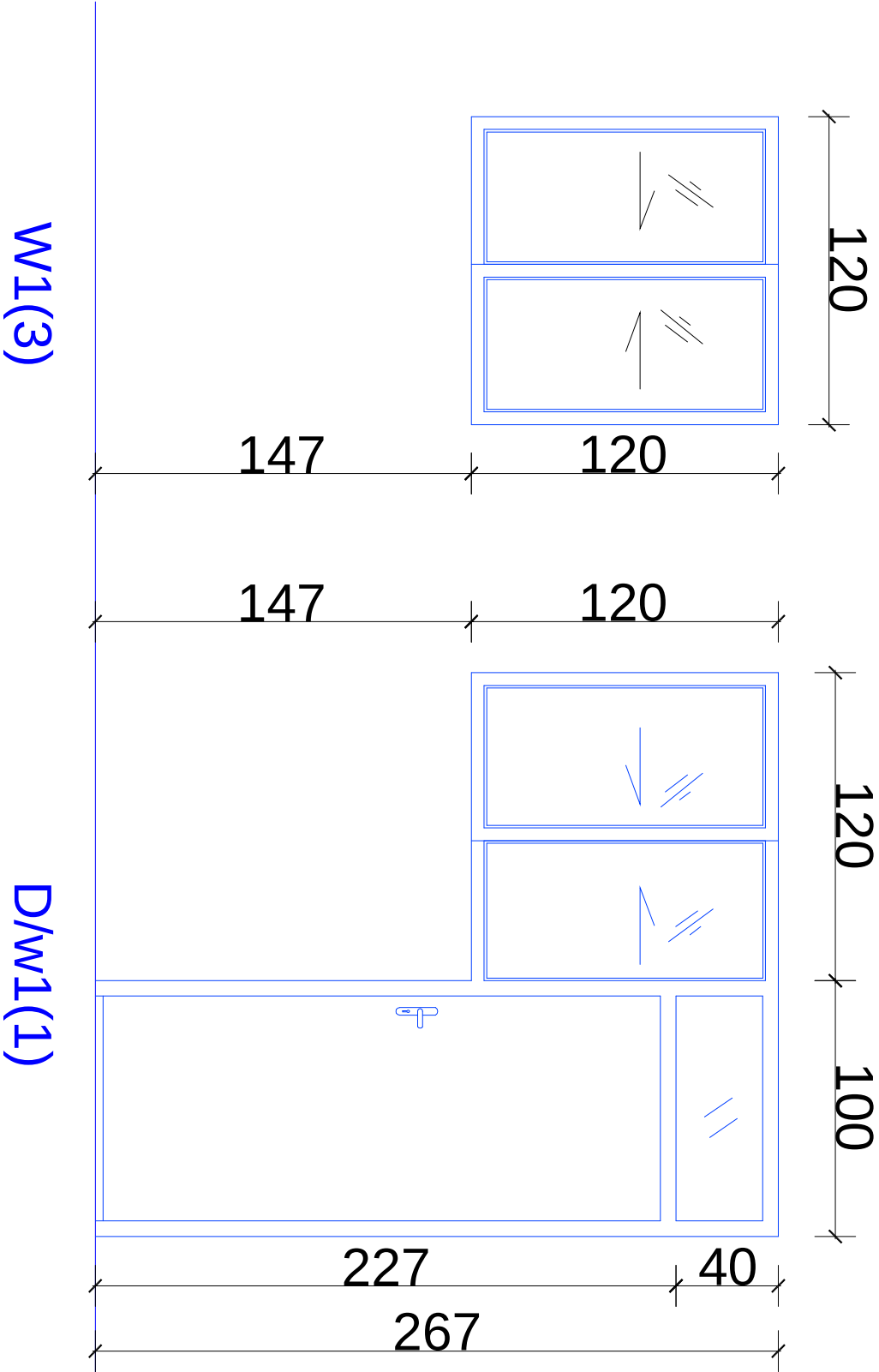
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Address: District 10 Sadard Square Kabul - Afghanistan
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NOTES:

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- 3- ALL DOORS ARE GALVANIZED STEEL DOOR WITH STEEL FRAME.



Door and Window elevation

DOOR SCHEDULE				
DOOR NO	DIMENSION WIDTH HEIGHT	PANEL NUMBER	NUMBER	MATERIAL
D/w1	200 267	1	1	PAINTED HOLLOW METAL DOOR

WINDOW SCHEDULE						
WINDOW NO	DIMENSION		PANEL NUMBER	NUMBER	OPENING SYSTEM	MATERIAL
	WIDTH	HEIGHT				
W1	120	120	2	3	SLIDING	PAINTED HOLLOW METAL WINDOW

GUARD HOUSE
DOOR & WINDOW
SCHEDULE



Central Prison Directorate (CPD)

Typical drawing of Guard house for the Construction of Prison

LOTFA Engineering Department			Central prisons Directorate , Engineering Department			Scale		To fit
Drawn By	Eng. Mateen	Approved By	Eng.			Date		March ,2014
Design By		Signature				Drawing code		Mol -03
Checked by		Date				Sheet number		4 OF 5
DENOMINATION			GUARD HOUSE DOOR AND WINDOW SCHEDULE					

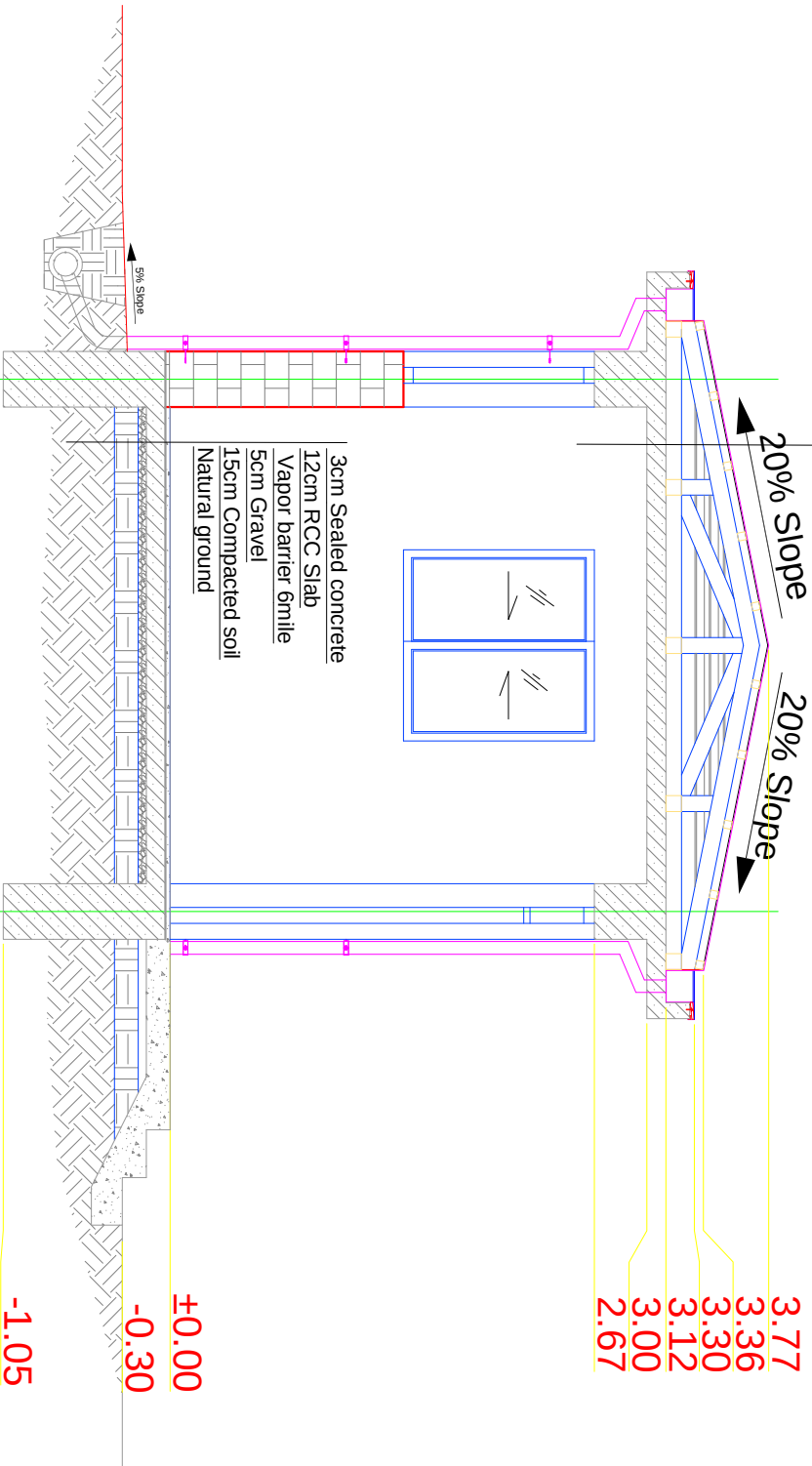


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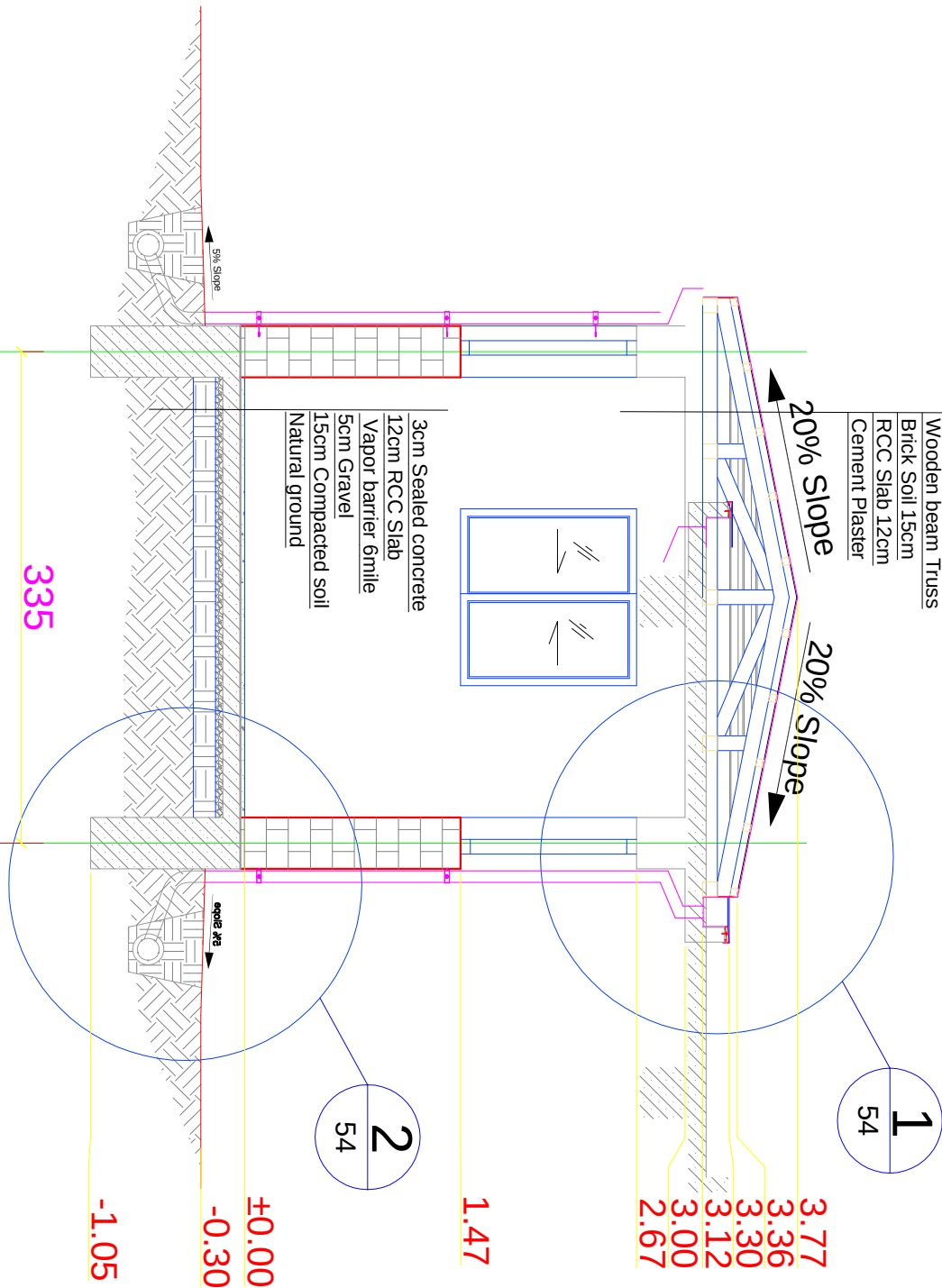
Address : District 10 Soddard Square Kabul - Afghanistan
website : www.moi.org.af

GI Corrugated Metal Sheet 24 gauge
Wooden beam Truss
Brick Soil 15cm
RCC Slab 12cm
Cement Plaster

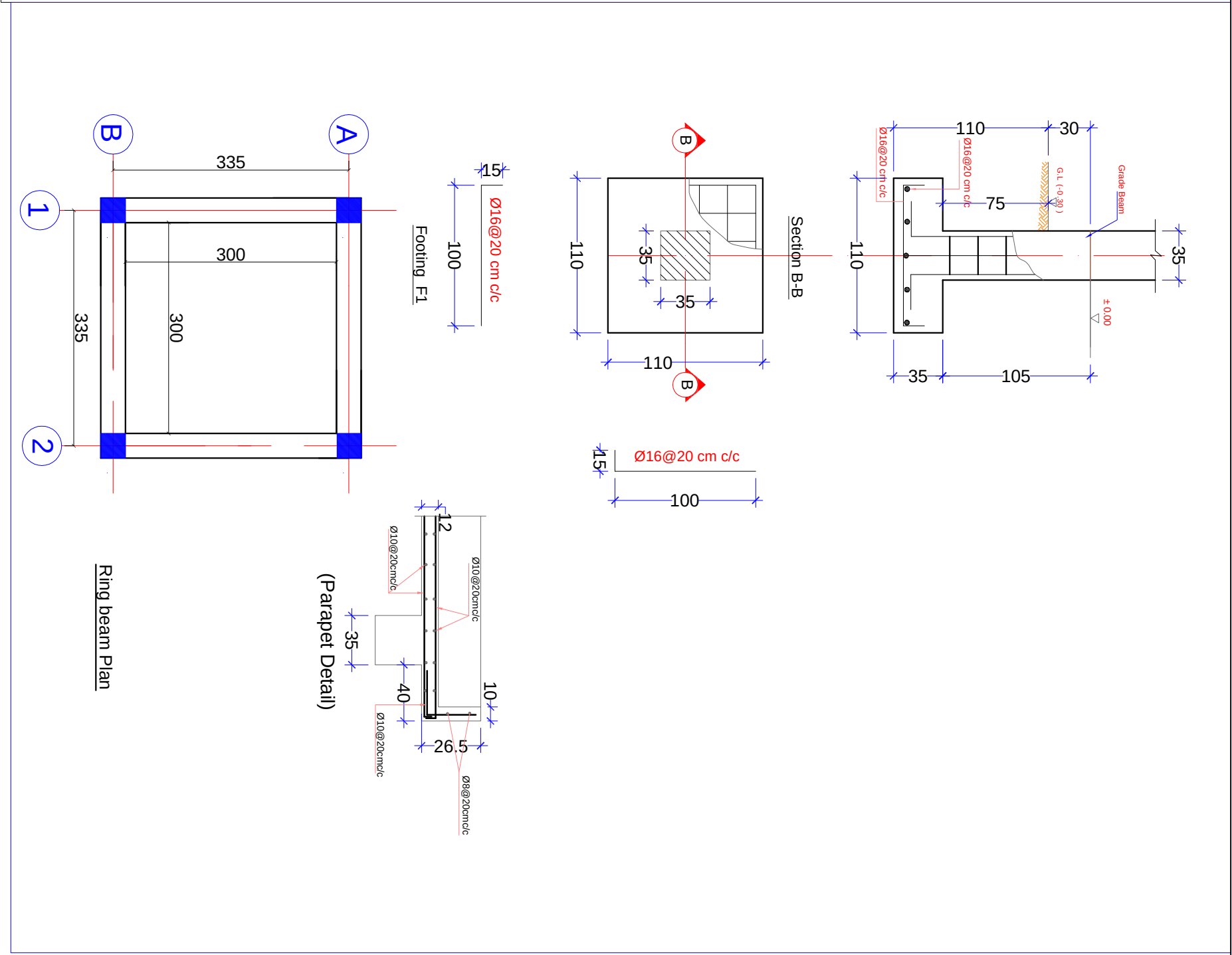
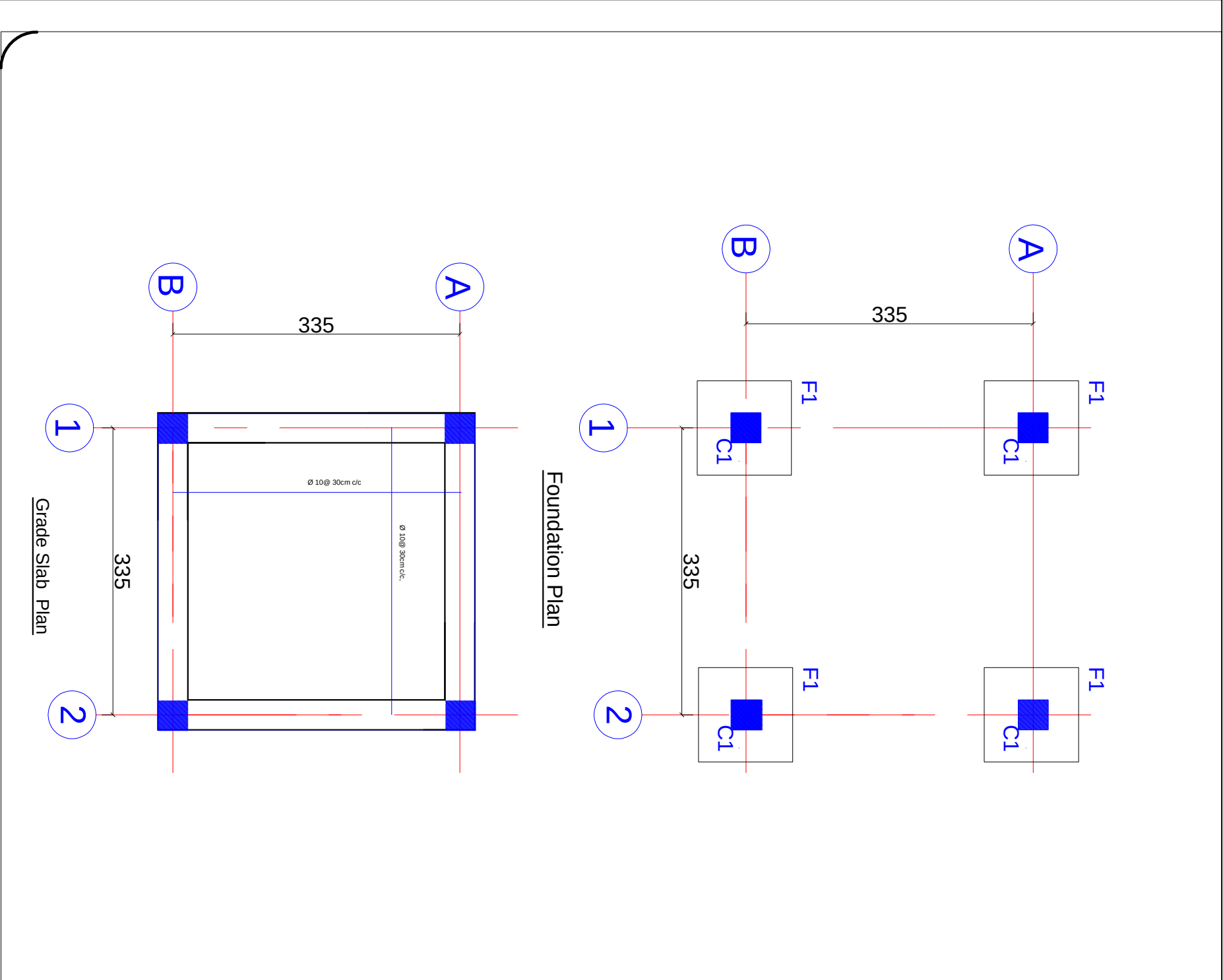


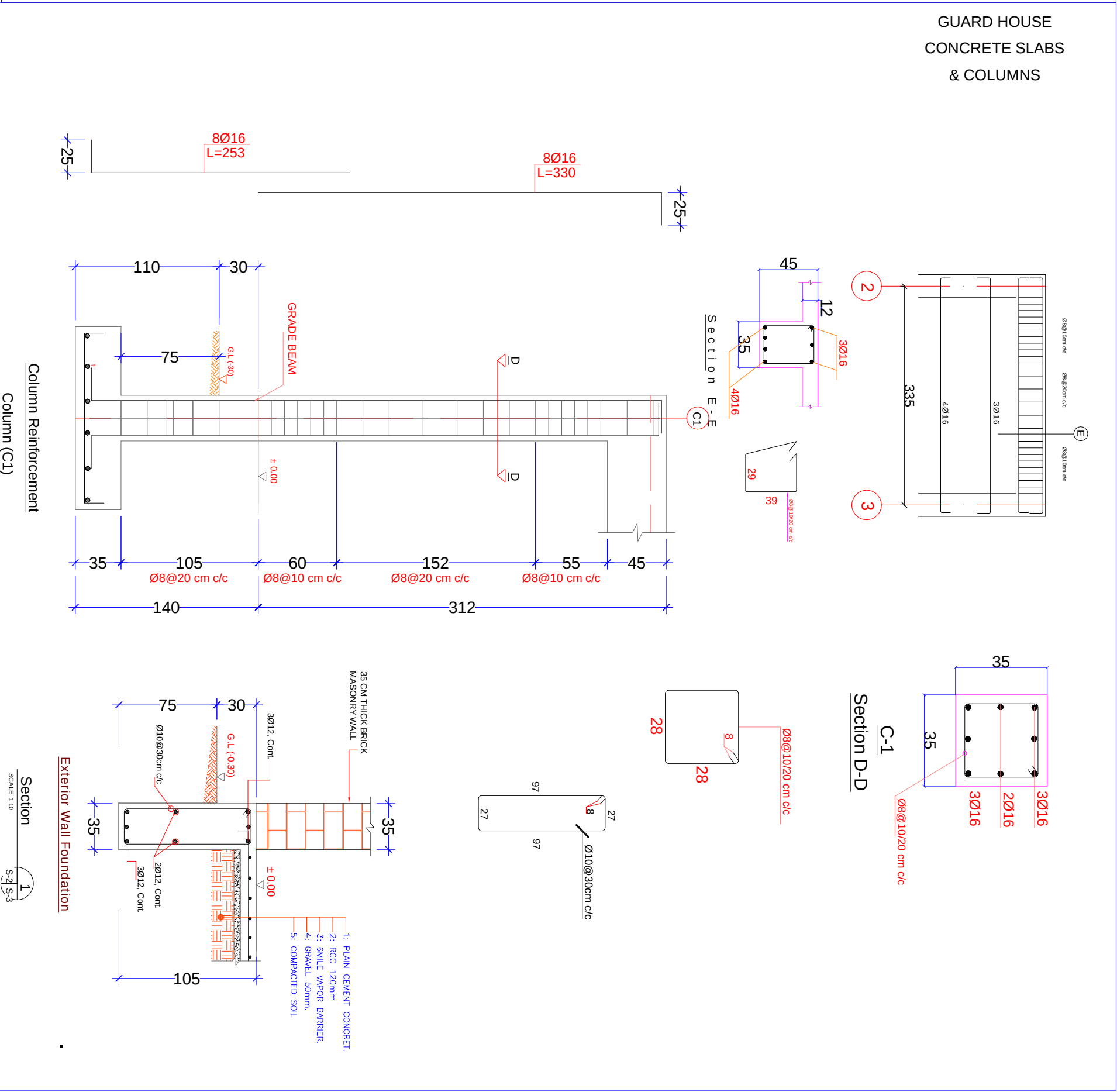
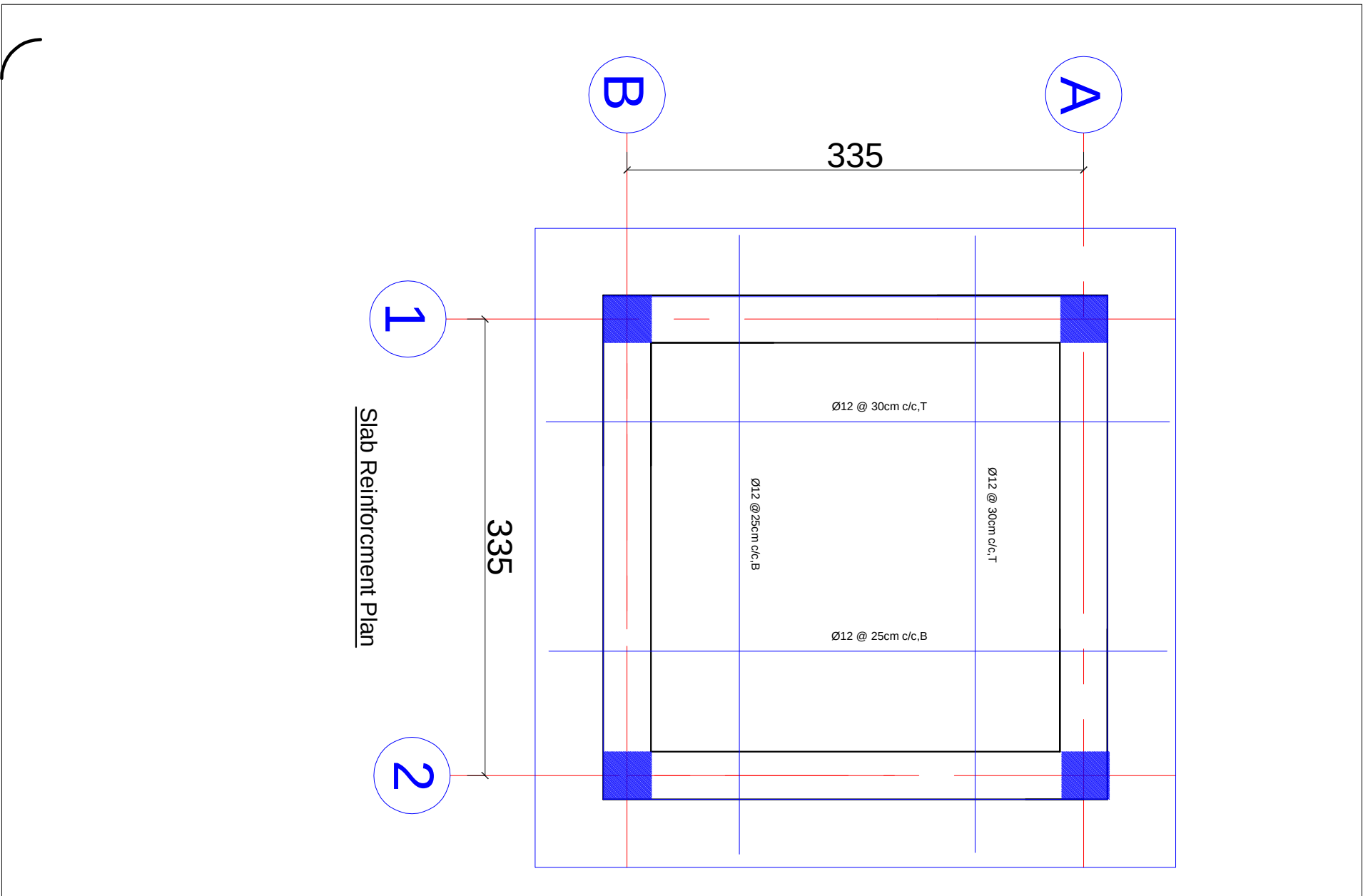
BUILDING SECTION
Scale: 1:100

GI Corrugated Metal Sheet 24 gauge
Wooden beam Truss
Brick Soil 15cm
RCC Slab 12cm
Cement Plaster

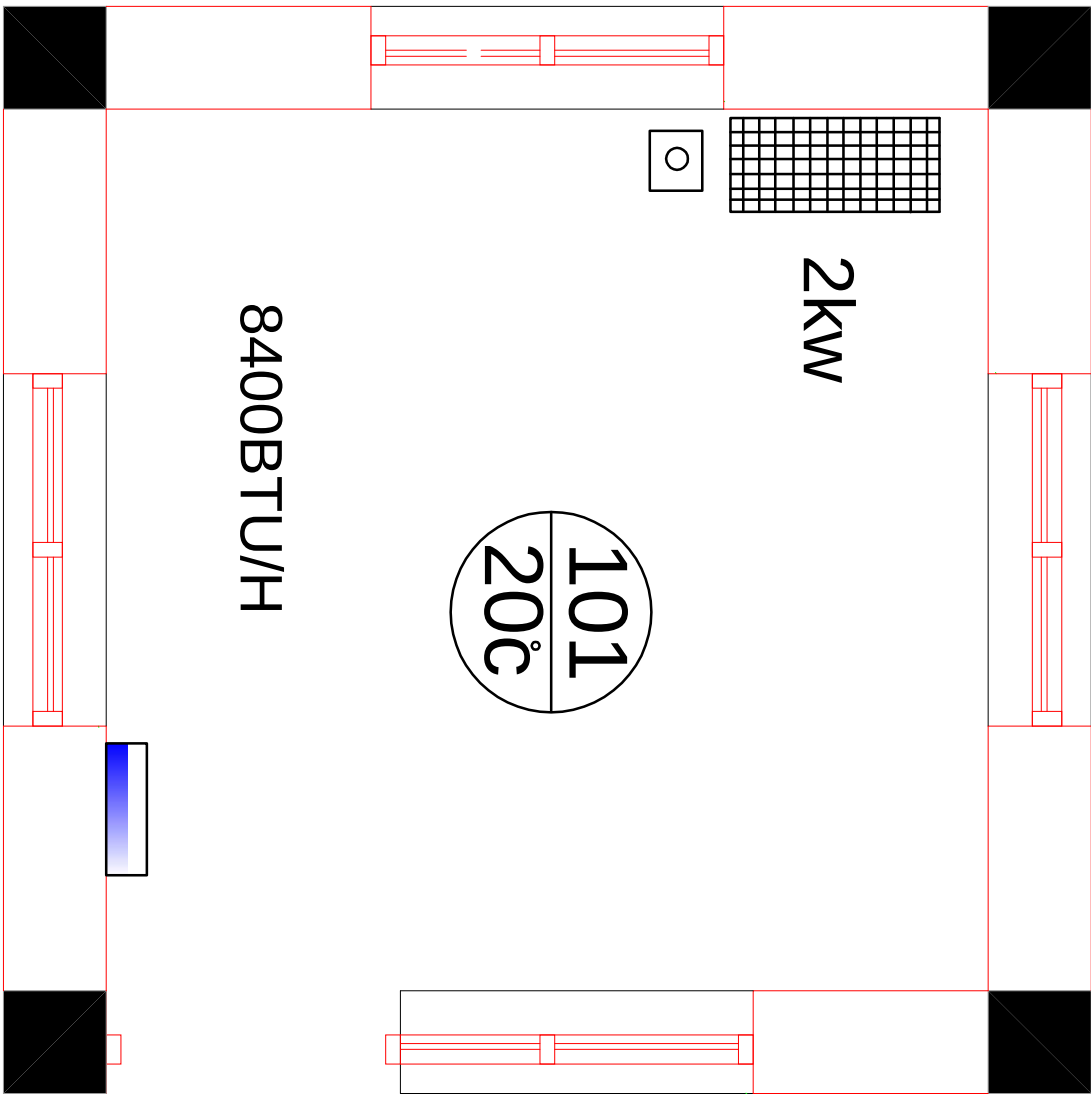


BUILDING SECTION
Scale: 1:100





Guard House Heating Plan



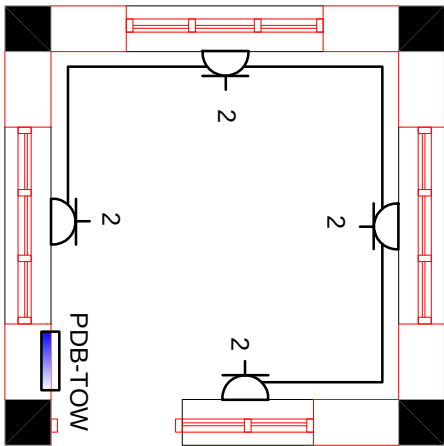
Schedule of Equipment for Heaters System Guard Room

No	Symbol	Description	Unit	Qty	Origin
1		Wall Mount Forced Air Heaters-Regular Duty AC 2KW	Pcg	1	Samsung
2		Wall Mounting Bracket WB210 for 2kw Heater	Pcg	1	czec Rep

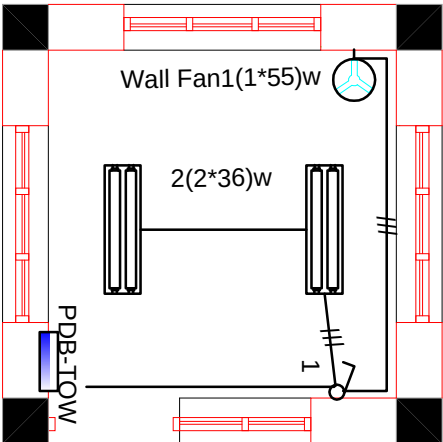
PDB-TOW

GUARD HOUSE
HEATING PLAN

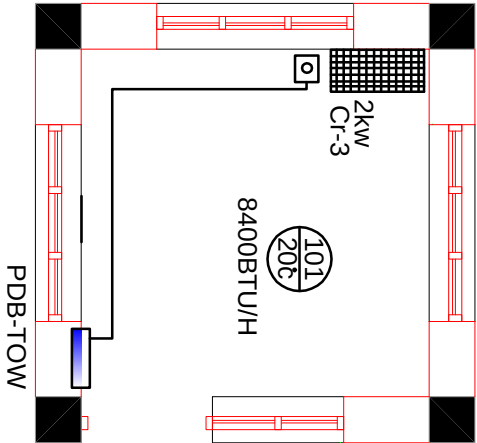
Guard House Power Plan



Guard House Lighting Plan

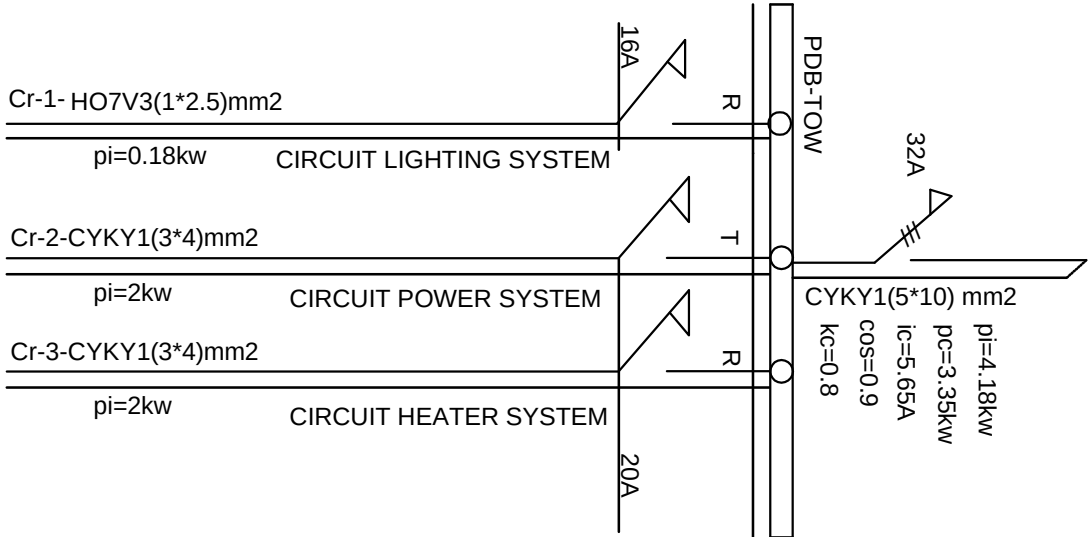


Guard House Heating Power Plan



Power and Lighning Heating

Electrical Diagrams



Schedule of Electrical Equipment for Guard House

No	Symbol	Description	Unit	Qty	Origin
1		Fluorescent Lamp code-1600-1236AL-(2*36)w	Set	2	czec Rep
4		One pole switch under plaster	Pcg	1	czec Rep
6		Single Phase Socket under plaster APT-803-16A-250V-IEC-60884-1	Pcg	4	czec Rep
7		Auto Switch Single Phase (16)A	Pcg	1	czec Rep
9		Auto Switch Three Phase (20)A	Pcg	1	czec Rep
9		Auto Switch Three Phase (32)A	Pcg	1	czec Rep
10		Wall Fan -- (55)w	Pcg	1	Pakistan
11		Panel Distribution board 24Modular (47*38*11)cm	Set	5	czec Rep
12		Junction Box	Pcg	10	czec Rep
13		Copper Wire HO7V 3(1*2.5)mm2	Meter	70	Germany
14		Copper Wire HO7V4(1*2.5)mm2	Meter	50	Germany
15		Copper cable CYKY 1(3*4)mm2	Meter	35	Germany
16		Copper cable CYKY 1(5*10)mm2	Meter	As to needed	Germany
18		P.V.C Pipe (1, 3/4, 1/2) inch	Meter	5	Afghanistan
19		Elbow (1, 3/4 , 1/2) inch	Pcg	4	Afghanistan
20		Terminal Box	Pcg	4	czec Rep
21		P.V.C Pipe (1.1.5) inch	Meter	6	Afghanistan
22		Elbow (1, 1.5) inch	Pcg	7	Afghanistan

- Notes : 1-The Switch will be installed -(1.4) m above the floor.
- 2-The Socket will be installed -(0.4) m above the floor.
- 3-The Panel Distribution board will be installed -(1.7) m above the floor.
- 4-Wall fan Connect to nearest joint box of each room.