No	DATE	REVISION
0	ISSUED FOR TENDER PURPOSE ONLY	
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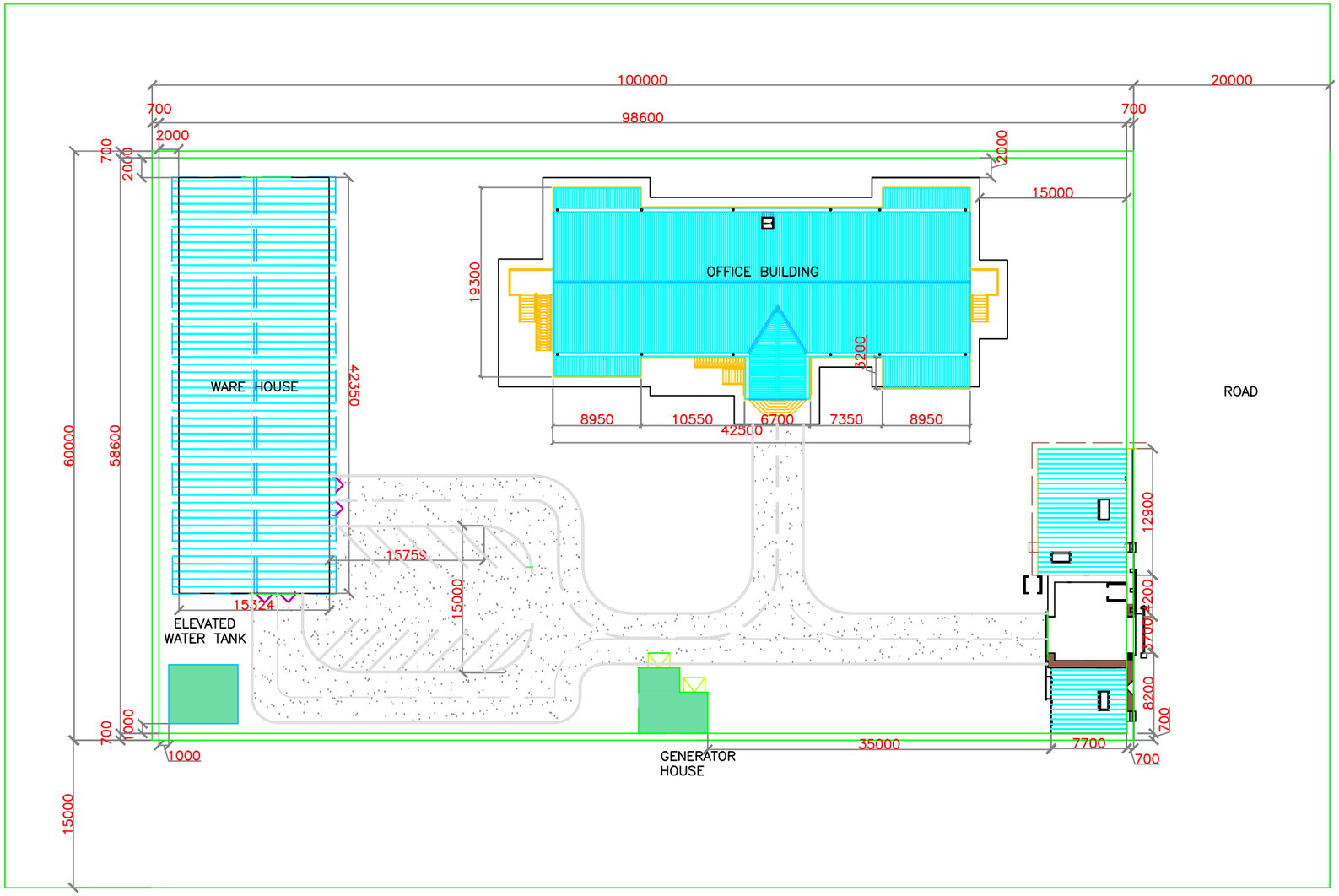


1 / A–01 BADAKHSHAAN SITE PLAN

SCALE: 1:500

ISSUED FOR TENDER

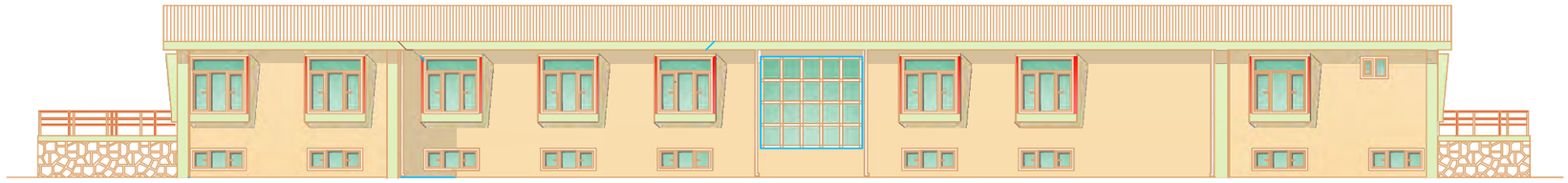
BENEFICIARY	INDEPENDENT ELECTION COMMISSION (IEC)
DONOR	FROM THE PEOPLE OF JAPAN
IMPLEMENTOR	UNITED NATIONS DEVELOPMENT PROGRAM

PROJECT: IEC BADAKHSHAN PROVINCIAL COMPOUND OFFICE BUILDING

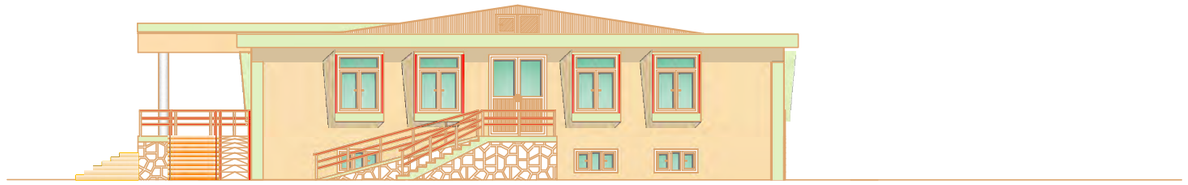
DRAWING TITLE: SITE PLAN

DESIGNED:	M.W.F	PROJECT NO:	2013-28	DRAWING NO.	REV.
DRAWN:	M.W.F	SHEET SIZE:	A4	A-01	0
CHECKED:	A.S.M	SCALE:	1:500		
APPROVED:	JIM IRVING	DATE:	05/05/2014		

1 A-02 Front Elevation
SCALE:1:200



2 A-02 Rear Elevation
SCALE: 1:200



1 A-02 Side Elevation
SCALE: 1:200

No	DATE	REVISION
0	ISSUED FOR TENDER PURPOSE ONLY	
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ISSUED FOR TENDER

BENEFICIARY	INDEPENDENT ELECTION COMMISSION (IEC)
DONOR	FROM THE PEOPLE OF JAPAN
IMPLEMENTOR	UNITED NATIONS DEVELOPMENT PROGRAM

PROJECT: IEC BADAKHHAAN PROVINCIAL COMPOUND OFFICE BUILDING

DRAWING TITLE: ELEVATIONS

DESIGNED:	M.W.F	PROJECT NO:	2013-28	DRAWING NO.	REV.
DRAWN:	M.W.F	SHEET SIZE:	A3	A-02	0
CHECKED:	A.S.M	SCALE:	1:200		
APPROVED:	JIM IRVING	DATE:	05/17/2014		

No	DATE	REVISION
0	ISSUED FOR TENDER PURPOSE ONLY	
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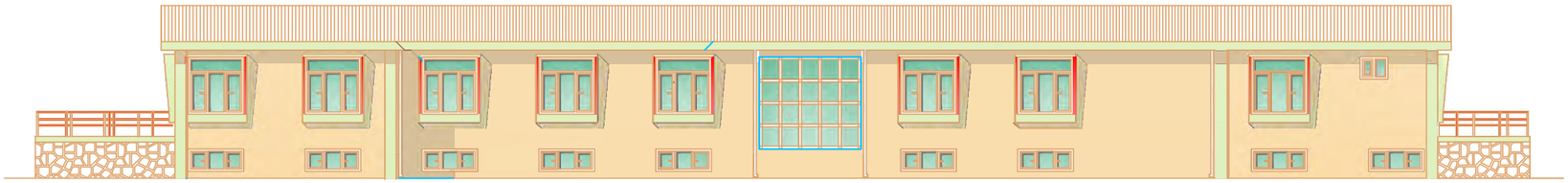
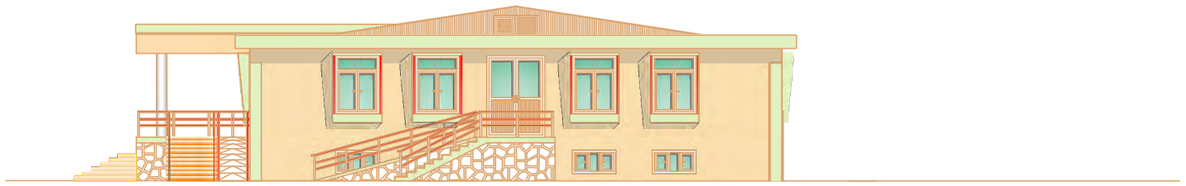
1 A-02 Front Elevation
SCALE:1:200



2 A-02 Rear Elevation
SCALE: 1:200



1 A-02 Side Elevation
SCALE: 1:200

ISSUED FOR TENDER

BENEFICIARY	INDEPENDENT ELECTION COMMISSION (IEC)
DONOR	FROM THE PEOPLE OF JAPAN
IMPLEMENTOR	UNITED NATIONS DEVELOPMENT PROGRAM

PROJECT: IEC BADAKHHAAN PROVINCIAL COMPOUND OFFICE BUILDING

DRAWING TITLE: ELEVATIONS

DESIGNED:	M.W.F	PROJECT NO:	2013-28	DRAWING NO.	REV.
DRAWN:	M.W.F	SHEET SIZE:	A3	A-02	0
CHECKED:	A.S.M	SCALE:	1:200		
APPROVED:	JIM IRVING	DATE:	05/17/2014		

No	DATE	REVISION
0	ISSUED FOR TENDER PURPOSE ONLY	
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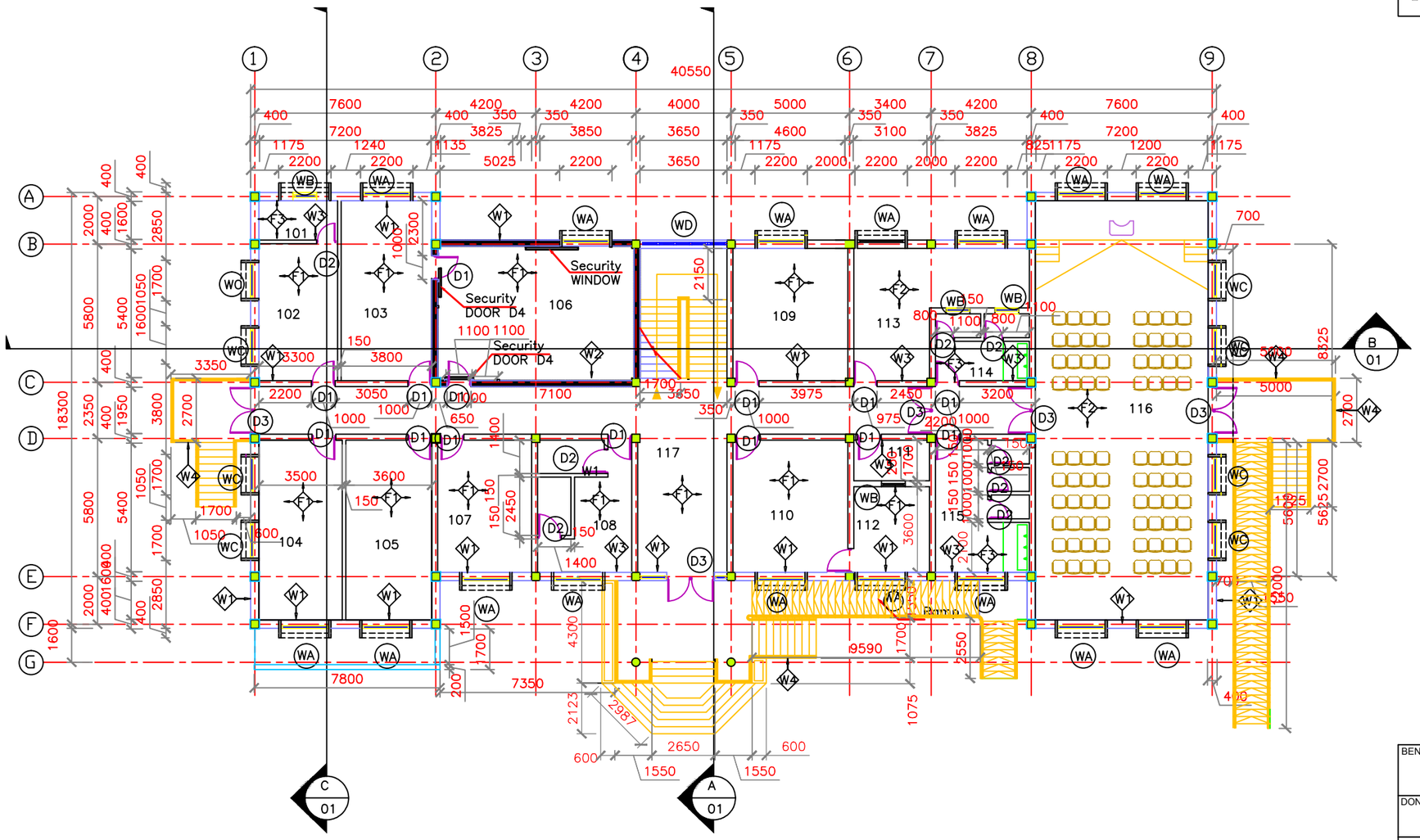

Ground Floor Plan

1 / A-03

SCALE: 1:200

FLOOR

F1	SEALED CONCRETE
F2	300MM X 300 MM TERRAZZO TILE
F3	CERAMIC TILE

WALL

W1	PLASTER/ PAINT
W2	CONCRETE WALL/ PAINTED
W3	GLASSING CERAMIC TILE H=2400MM
W4	FIXING OF STONE TILES

CEILING

C1	PLASTER/ PAINT

F,N,SH,NG SCHEDULE

5RRP NR	UVDgH	FLOOR	WIN	DOOR	UNIT SQM
101	TOILET	F3	WB	D2	4.4
102	MULTI PURPOSE	F1	WA,WC	D1	18.55
103	PROVINCIAL ELECTORAL OFFICE	F1	WA	D1	28.4
104	EXTERNAL RELATION OFFICE	F1	WA,WC	D1	26.6
105	TRAINERS OFFICE	F1	WA	D1	26.6
106	MEETING ROOM /BUNKER	F1	WA	D1,D4	43.87
107	PUBLIC OUTREACH	F1	WA	D1	22
108	IT OFFICE	F1	WA	D1	22
109	ADMIN/HR /FINANCE, CLARK	F1	WA	D1	26.87
110	OPERATION CENTER SECURITY, LOGISTIC	F1	WA	D1	26.7
111	HANDICAP TOILET	F3	WA	D1	4.4
112	STOCK ROOM	F1	WA	D1	11.4
113	KITCHEN	F2	WA	D1	28.25
114	FEMALE TOILET	F3	WB	D1,D2	11
115	MALE TOILET	F3	WA	D1,D2	21.9
116	TRAINING HALL	F1	WA,WC	D3	127.6
117	CORRIDOR	F1	WD	D3	956.7

TOILET ACCESSORY SCHEDULE

No.	DESC5,3T,ON
1	MIRROR, GLASS AND MIRROR SHELF
2	STAINLESS STEEL TOILET PAPER HOLDER MUSLEM SHOWER, SUP HOLDER, TOWEL ROD
3	SHOWER CURTAIN & ROD

ISSUED FOR TENDER

BENEFICIARY: INDEPENDENT ELECTION COMMISSION (IEC)

DONOR: FROM THE PEOPLE OF JAPAN

IMPLEMENTOR: UNITED NATIONS DEVELOPMENT PROGRAM

PROJECT: IEC BADAKHHAAN PROVINCIAL COMPOUND OFFICE BUILDING

DRAWING TITLE: GROUND FLOOR PLAN

DESIGNED:	M.W.F	PROJECT NO:	2013-28	DRAWING NO.	REV.
DRAWN:	M.W.F	SHEET SIZE:	A3	A-03	0
CHECKED:	A.S.M	SCALE:	1:200		
APPROVED:	JIM IRVING	DATE:	01/08/2014		

No	DATE	REVISION
0	ISSUED FOR TENDER PURPOSE ONLY	
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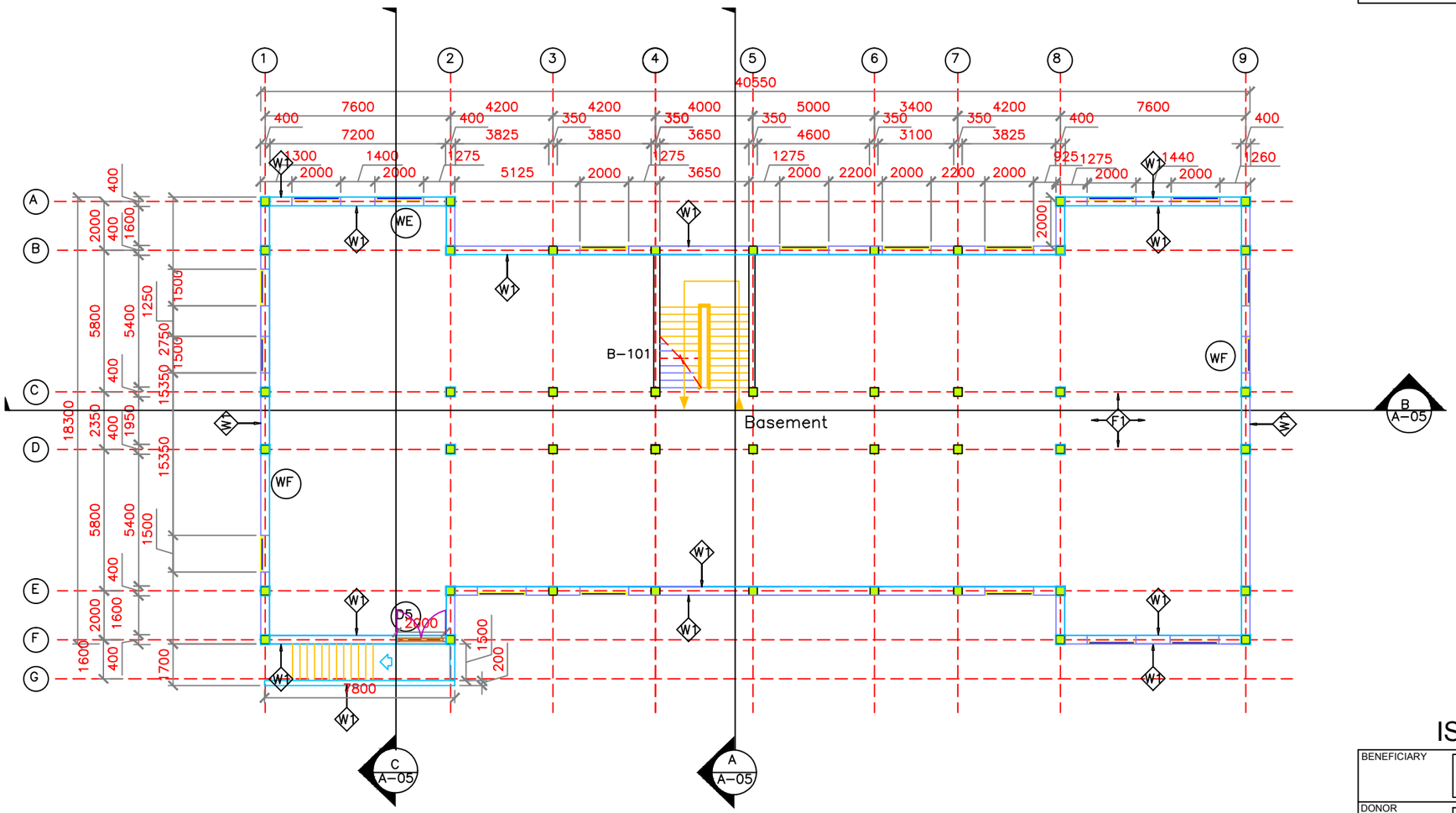

Basement Floor Plan
1 A-04
SCALE: 1:200

FLOOR

F1	SEALED CONCRETE

WALL

W1	PLASTER/ PAINT

CEILING

C1	PLASTER/ PAINT

F,N,SH,NG SCHEDULE

SRRP NR	UVDgH	FLOOR	WIN	DOOR	UNIT SQM
B-101	BASEMENT FLOOR	F1	WE,WF	D5	665.24

ISSUED FOR TENDER

BENEFICIARY: INDEPENDENT ELECTION COMMISSION (IEC)

DONOR: FROM THE PEOPLE OF JAPAN

IMPLEMENTOR: UNITED NATIONS DEVELOPMENT PROGRAM

PROJECT: IEC BADAKHSHAAN PROVINCIAL COMPOUND OFFICE BUILDING

DRAWING TITLE: BASEMENT PLAN

DESIGNED:	M.W.F	PROJECT NO:	2013-28	DRAWING NO.	REV.
DRAWN:	M.W.F	SHEET SIZE:	A3	A-04	0
CHECKED:	A.S.M	SCALE:	1:200		
APPROVED:	JIM IRVING	DATE:	05/17/2014		

No	DATE	REVISION
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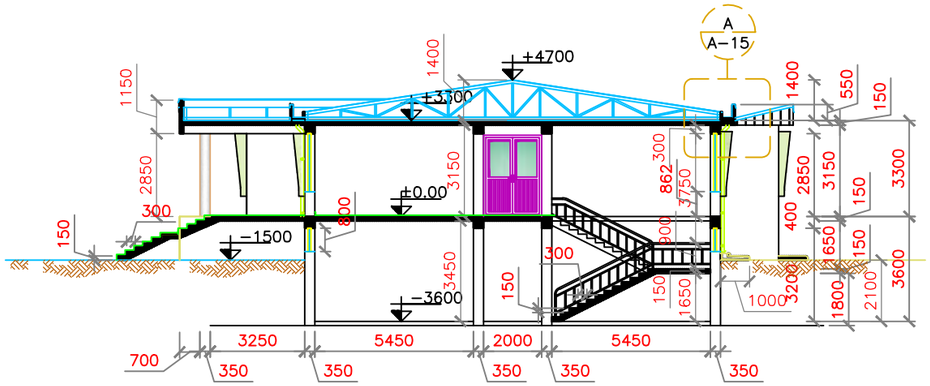
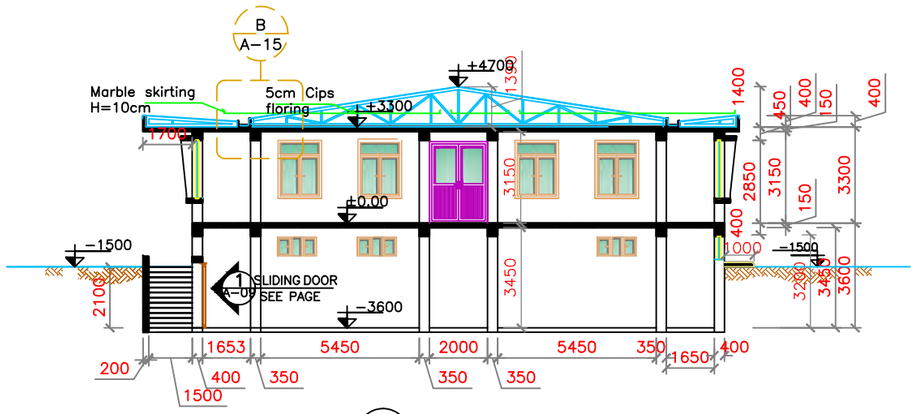


1 / A–03 Section A–A
SCALE: 1:200



2 / A–03 Section C–C
SCALE: 1:150

ISSUED FOR TENDER

BENEFICIARY	INDEPENDENT ELECTION COMMISSION (IEC)
DONOR	FROM THE PEOPLE OF JAPAN
IMPLEMENTOR	UNITED NATIONS DEVELOPMENT PROGRAM

PROJECT: IEC BADAKHSHAAN PROVINCIAL COMPOUND OFFICE BUILDING

DRAWING TITLE: SECTION A-A & C-C

				DRAWING NO.	REV.
DESIGNED:	M.W.F	PROJECT NO:	2013-28	A-05	0
DRAWN:	M.W.F	SHEET SIZE:	A3		
CHECKED:	A.S.M	SCALE:	1:200		
APPROVED:	JIM IRVING	DATE:	01/08/2014		

No	DATE	REVISION
0	ISSUED FOR TENDER PURPOSE ONLY	
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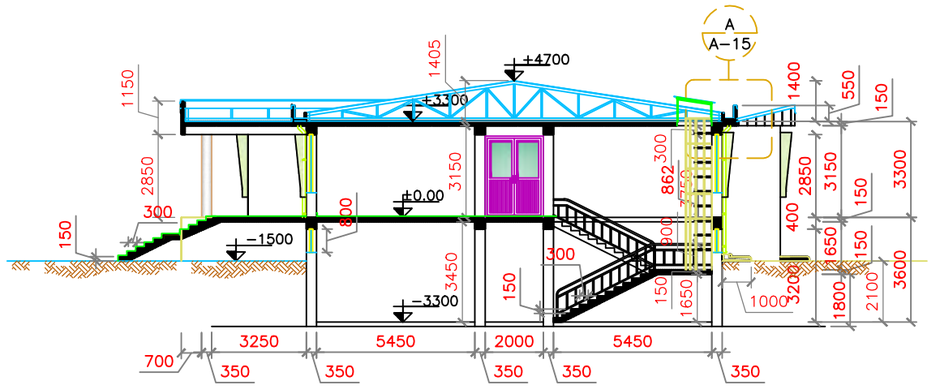
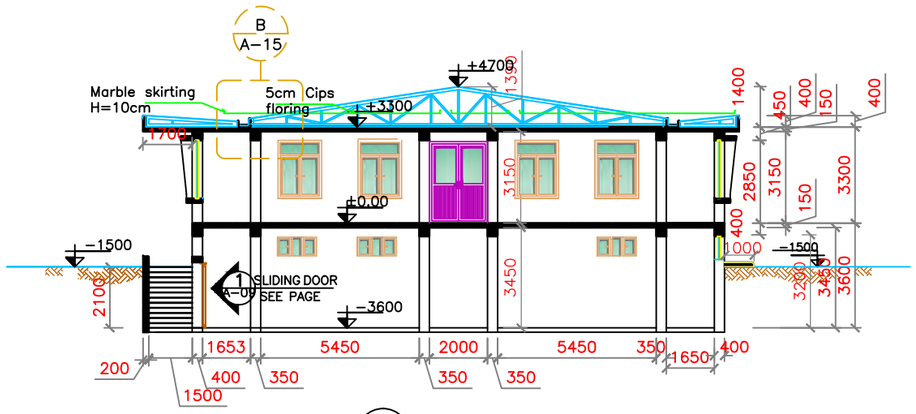


1 / A-03 Section A-A
SCALE: 1:150



2 / A-03 Section C-C
SCALE: 1:150

ISSUED FOR TENDER

BENEFICIARY	INDEPENDENT ELECTION COMMISSION (IEC)
DONOR	FROM THE PEOPLE OF JAPAN
IMPLEMENTOR	UNITED NATIONS DEVELOPMENT PROGRAM

PROJECT: IEC BADAKHSHAAN PROVINCIAL COMPOUND OFFICE BUILDING

DRAWING TITLE: SECTION A-A & C-C

DESIGNED:	M.W.F	PROJECT NO:	2013-28	DRAWING NO.	REV.
DRAWN:	M.W.F	SHEET SIZE:	A3	A-05	0
CHECKED:	A.S.M	SCALE:	1:200		
APPROVED:	JIM IRVING	DATE:	05/17/2014		

No	DATE	REVISION
0		ISSUED FOR TENDER PURPOSE ONLY
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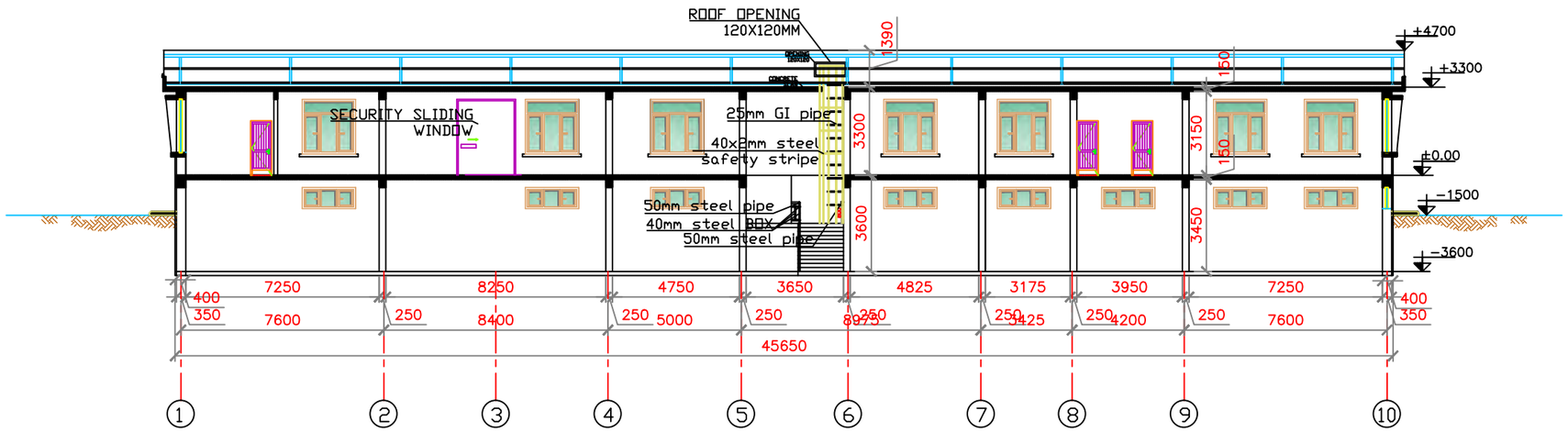
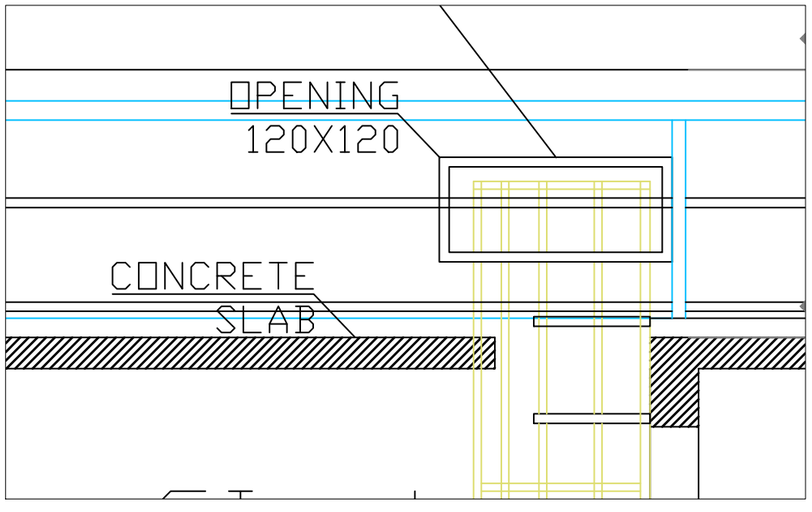
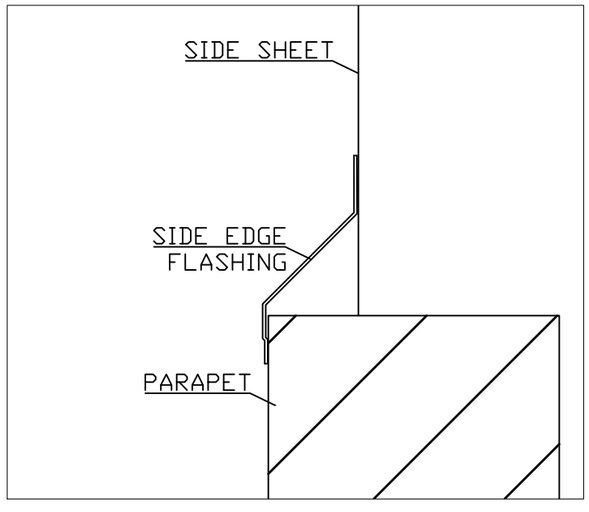


3 / A-03 Section B-B
SCALE: 1:200





ISSUED FOR TENDER

BENEFICIARY	INDEPENDENT ELECTION COMMISSION (IEC)
DONOR	FROM THE PEOPLE OF JAPAN
IMPLEMENTOR	UNITED NATIONS DEVELOPMENT PROGRAM

PROJECT: IEC BADAKHSHAAN PROVINCIAL COMPOUND OFFICE BUILDING

DRAWING TITLE: SECTION B-B

DESIGNED:	M.W.F	PROJECT NO:	2013-28	DRAWING NO.	REV.
DRAWN:	M.W.F	SHEET SIZE:	A3	A-05A	0
CHECKED:	A.S.M	SCALE:	1:200		
APPROVED:	JIM IRVING	DATE:	01/08/2014		

No	DATE	REVISION
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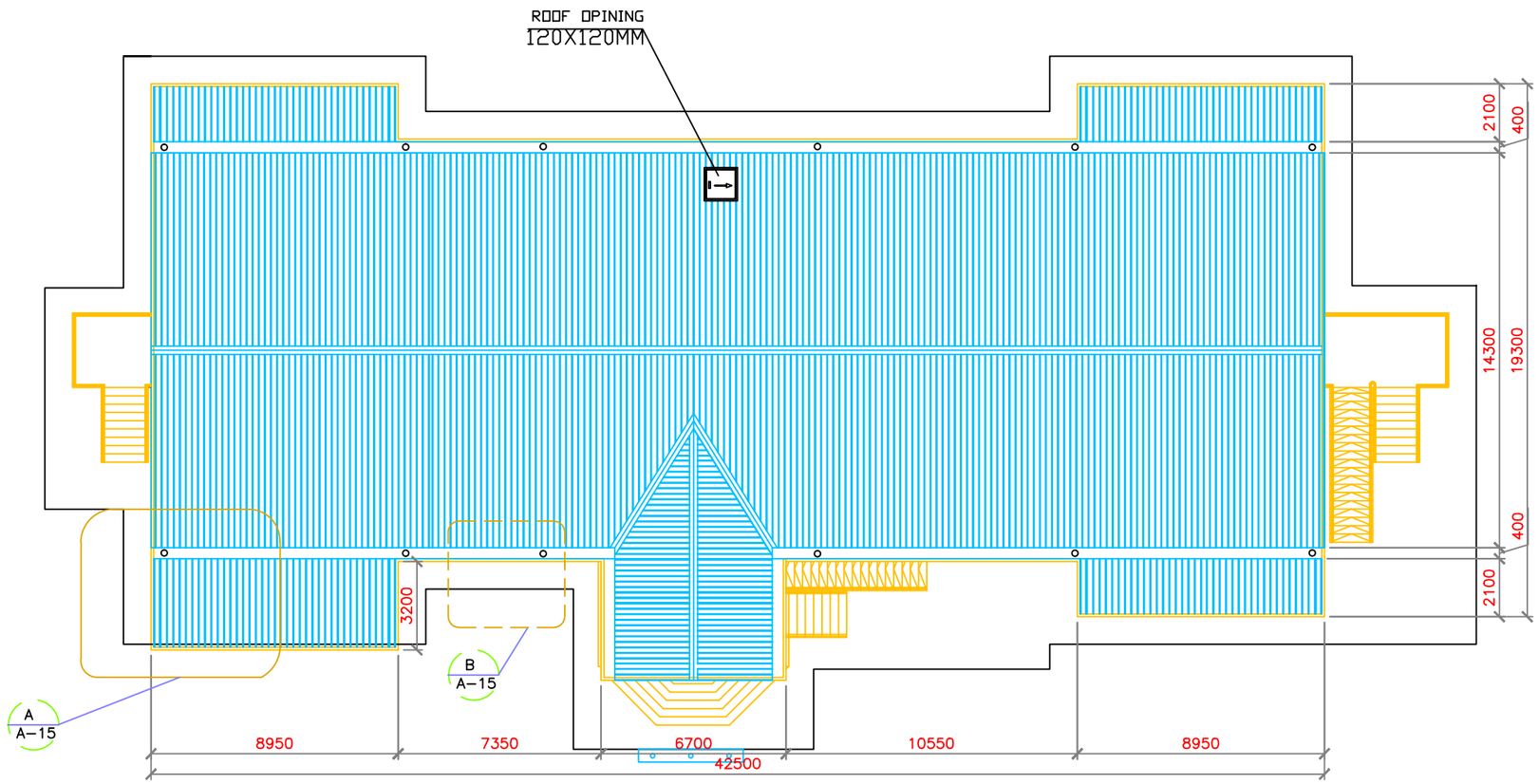

1 / A-06 ROOF PLAN
SCALE 1:200

ISSUED FOR TENDER

BENEFICIARY	INDEPENDENT ELECTION COMMISSION (IEC)
DONOR	FROM THE PEOPLE OF JAPAN
IMPLEMENTOR	UNITED NATIONS DEVELOPMENT PROGRAM

PROJECT: IEC BADAKHSHAAN PROVINCIAL COMPOUND OFFICE BUILDING

DRAWING TITLE: ROOF PLAN

DESIGNED:	M.W.F	PROJECT NO:	2013-28	DRAWING NO.	REV.
DRAWN:	M.W.F	SHEET SIZE:	A3	A-06	0
CHECKED:	A.S.M	SCALE:	1:200		
APPROVED:	JIM IRVING	DATE:	01/08/2014		

No	DATE	REVISION
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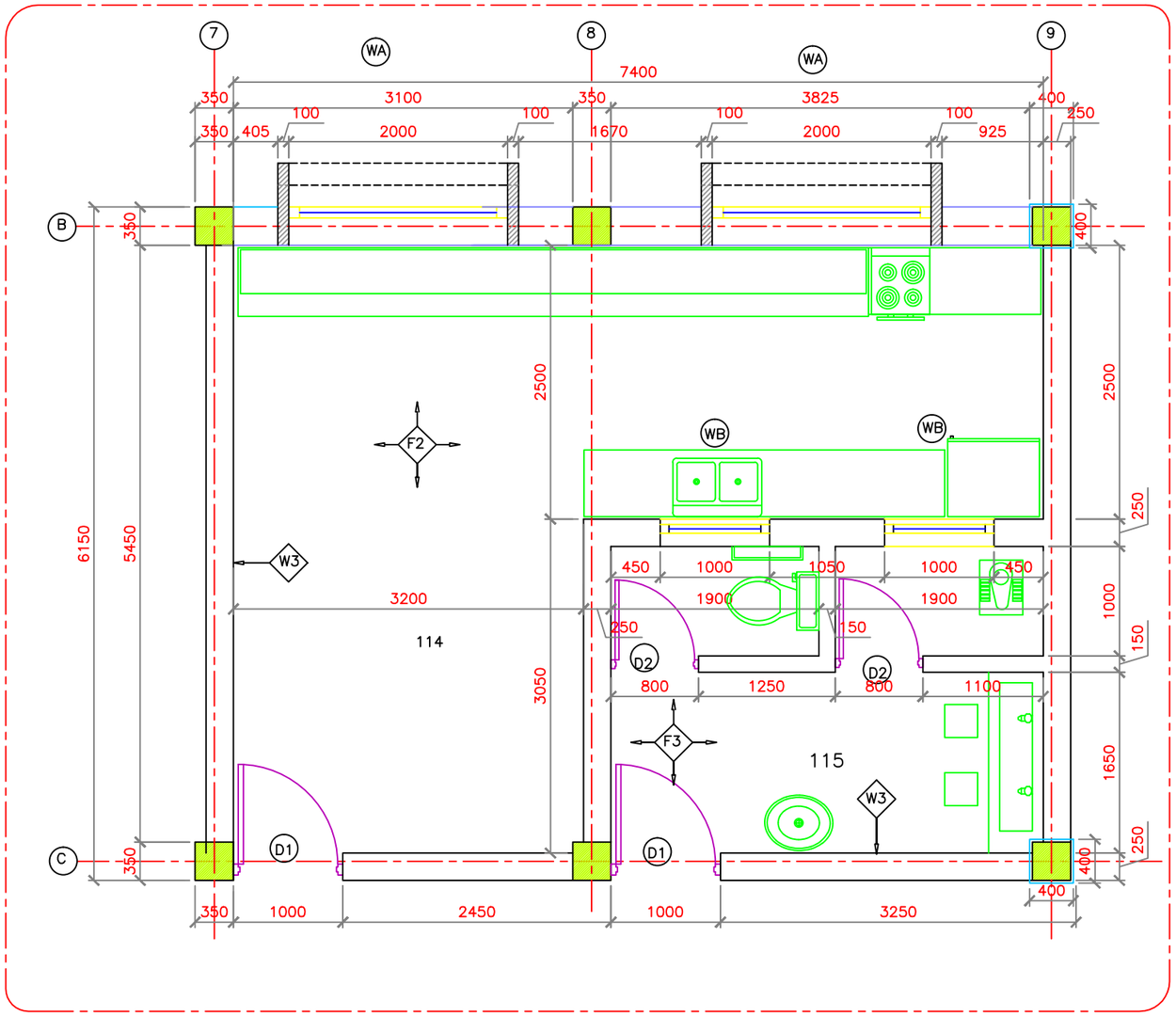

1 / A–07 TOILET AND KITCHEN LARGE PLAN

SCALE: 1:50

FLOOR

F2	300MM X 300 MM TERRAZZO TILE
F3	CERAMIC TILE

WALL

W3	GLASSING CERAMIC TILE

CEILING

C1	PLASTER/ PAINT

ISSUED FOR TENDER

BENEFICIARY	INDEPENDENT ELECTION COMMISSION (IEC)
DONOR	FROM THE PEOPLE OF JAPAN
IMPLEMENTOR	UNITED NATIONS DEVELOPMENT PROGRAM

PROJECT: IEC BADAKHSHAAN PROVINCIAL COMPOUND OFFICE BUILDING

DRAWING TITLE: TOILET AND KITCHEN LARGE SCALE PLAN

DESIGNED:	M.W.F	PROJECT NO:	2013-28	DRAWING NO.	REV.
DRAWN:	M.W.F	SHEET SIZE:	A3	A-07	0
CHECKED:	A.S.M	SCALE:	1:50		
APPROVED:	JIM IRVING	DATE:	01/08/2014		

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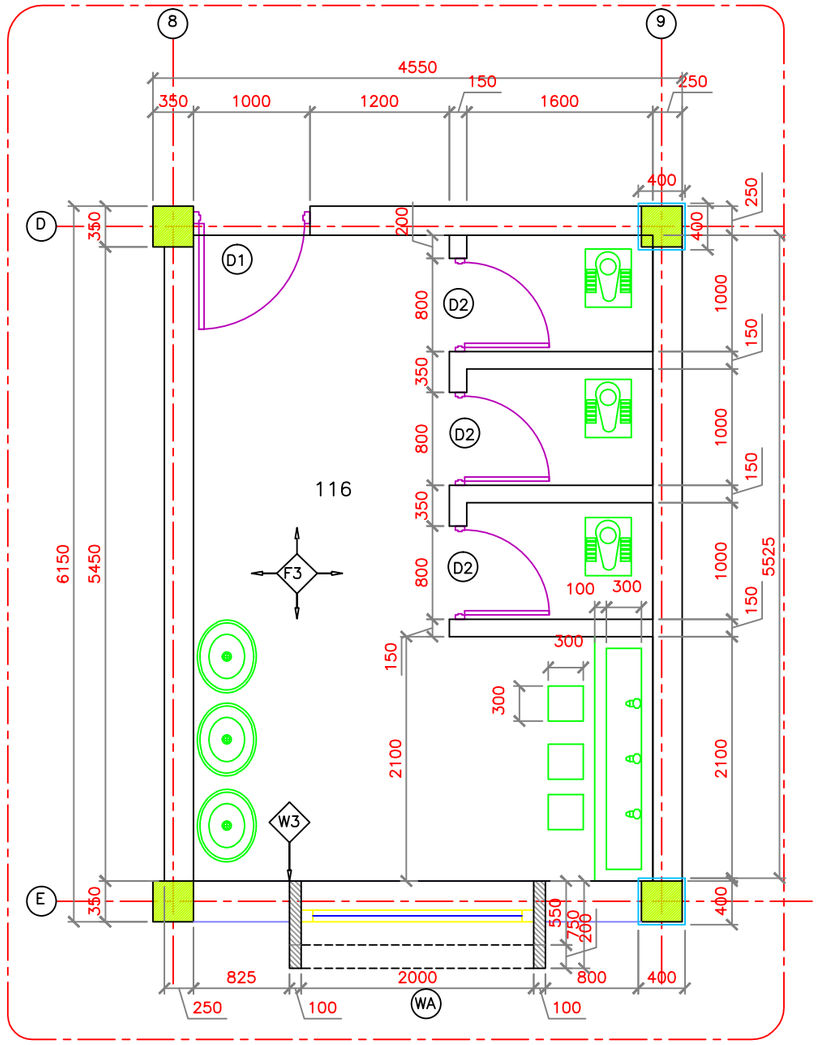
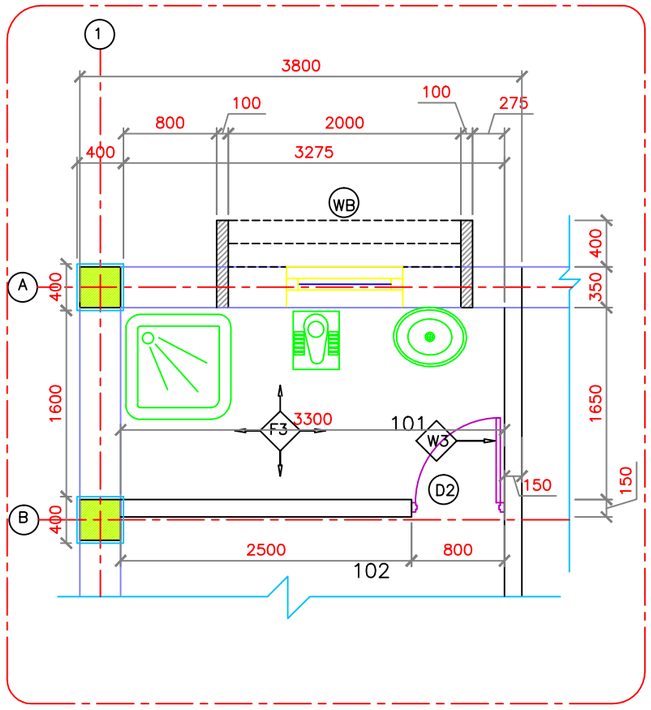


2 A-08 TOILETS LARGE PLAN
SCALE: 1:50



FLOOR

F3	CERAMIC TILE

WALL

W3	GLASSING CERAMIC TILE

CEILING

C1	PLASTER/ PAINT

ISSUED FOR TENDER

BENEFICIARY	INDEPENDENT ELECTION COMMISSION (IEC)
DONOR	FROM THE PEOPLE OF JAPAN
IMPLEMENTOR	UNITED NATIONS DEVELOPMENT PROGRAM

PROJECT: IEC BADAKHSHAAN PROVINCIAL COMPOUND OFFICE BUILDING

DRAWING TITLE: TOILET LARGE SCALE PLAN

DESIGNED:	M.W.F	PROJECT NO:	2013-28	DRAWING NO.	REV.
DRAWN:	M.W.F	SHEET SIZE:	A3	A-08	0
CHECKED:	A.S.M	SCALE:	1:50		
APPROVED:	JIM IRVING	DATE:	01/08/2014		

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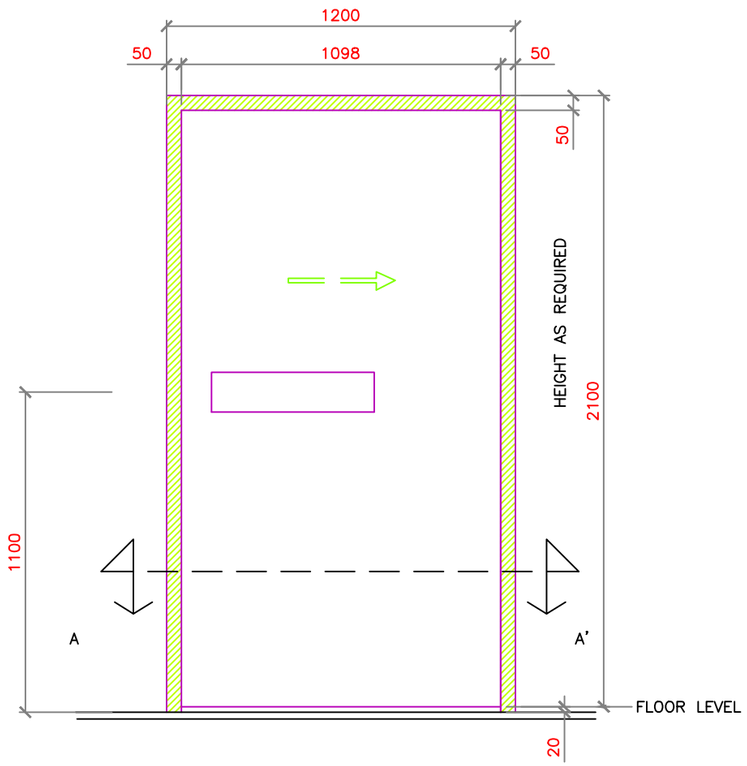
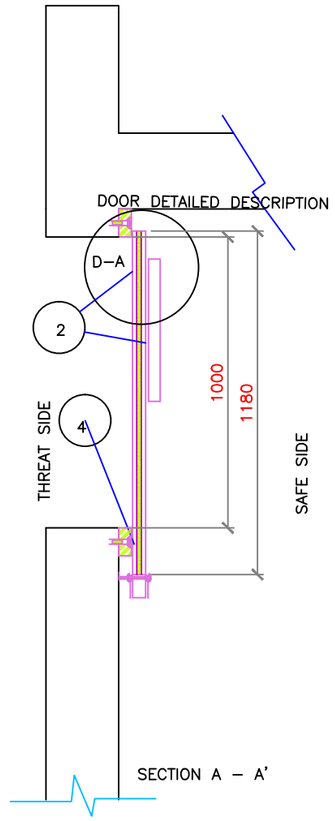


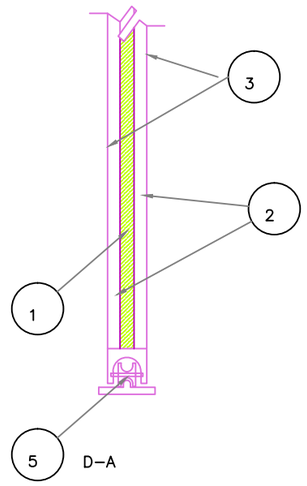
ELEVATION

D4 ELEVATION

1 / A-03

SCALE: 1:20





NOTES:

1. ARMOTEX HI-HARD BULLET RESISTANT FIBERGLASS
2. FOAMED-IN-PLACE URETHANE INSULATION
3. 16 GAGES PRIMED STEEL DOOR AND FRAME
4. CONTINUOUS GEAR HINGE
5. ROLLING/RODE

SPECIFICATIONS:

ARMORSHIELD DOOR AND FRAME SYSTEM

AGAISNT BULLET AND FRAGMENTATION

DOOR: 16 GAGE (STANDRAD)
FRAME: 16 GAGE (STANDARD)

ISSUED FOR TENDER

BENEFICIARY	INDEPENDENT ELECTION COMMISSION (IEC)
DONOR	FROM THE PEOPLE OF JAPAN
IMPLEMENTOR	UNITED NATIONS DEVELOPMENT PROGRAM
PROJECT: IEC BADAKHSHAAN PROVINCIAL COMPOUND OFFICE BUILDING	
DRAWING TITLE:	D4 SECURITY STEEL DOOR

DESIGNED:	M.W.F	PROJECT NO:	2013-28	DRAWING NO.	REV.
DRAWN:	M.W.F	SHEET SIZE:	A3	A-09	0
CHECKED:	A.S.M	SCALE:	1:20		
APPROVED:	JIM IRVING	DATE:	05/17/2014		

No	DATE	REVISION
0	ISSUED FOR TENDER PURPOSE ONLY	
1		
2		
3		

NOTES
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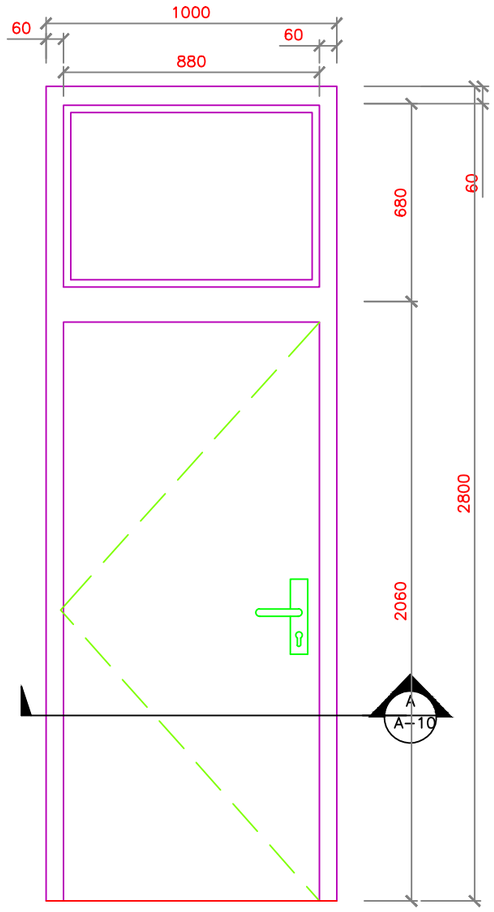

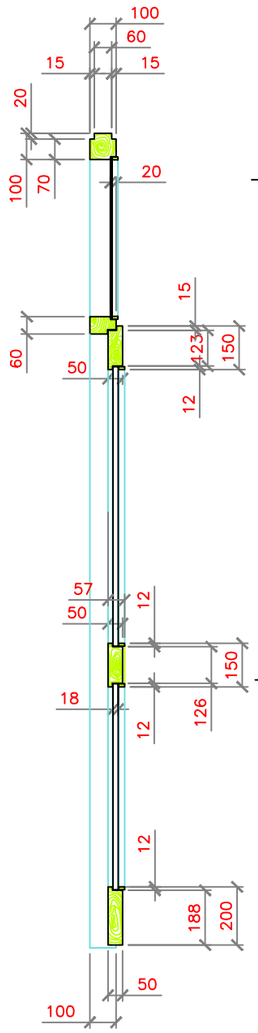

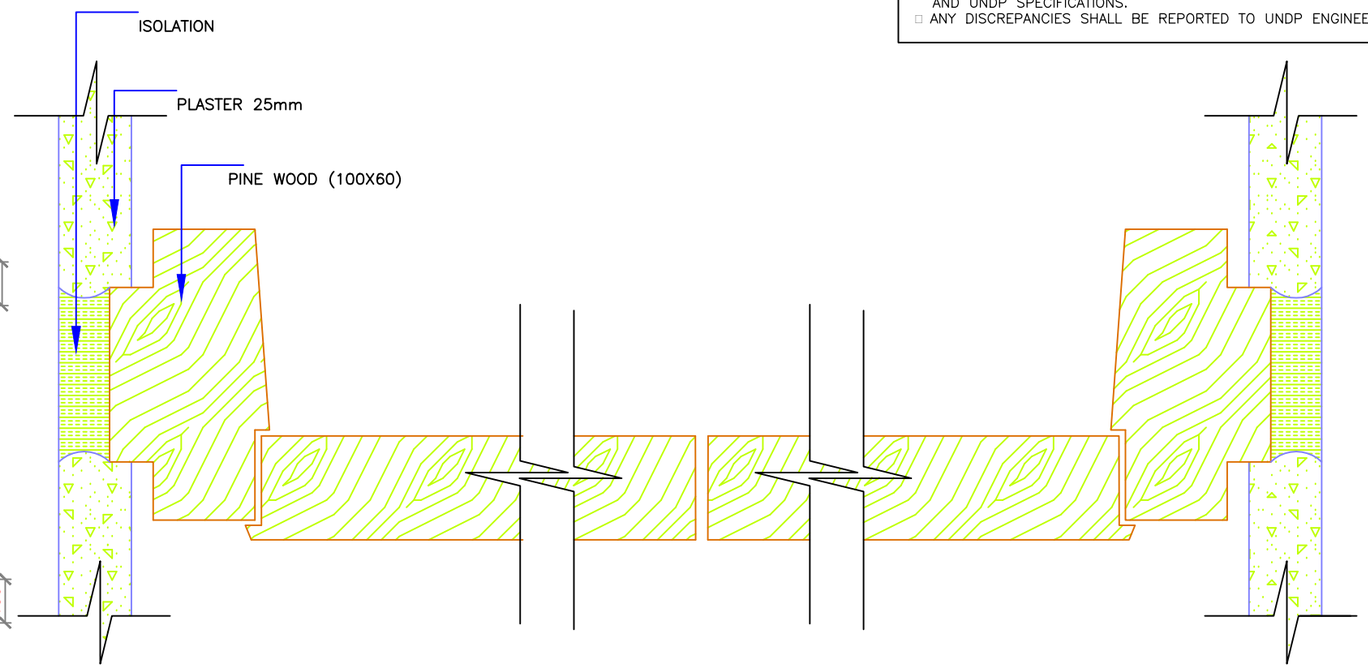

A
A–10
SECTION
SCALE: 1:5

1
A–10
WOODEN DOOR
SCALE: 1:20

WOODEN(1)DOOR 1000 X 2800

ISSUED FOR TENDER

BENEFICIARY	INDEPENDENT ELECTION COMMISSION (IEC)
DONOR	FROM THE PEOPLE OF JAPAN
IMPLEMENTOR	UNITED NATIONS DEVELOPMENT PROGRAM

PROJECT: IEC BADAKHSHAAN PROVINCIAL COMPOUND OFFICE BUILDING

DRAWING TITLE: WOODEN DOOR

DESIGNED:	M.W.F	PROJECT NO:	2013-28	DRAWING NO.	REV.
DRAWN:	M.W.F	SHEET SIZE:	A3	A-10	0
CHECKED:	A.S.M	SCALE:	1:20		
APPROVED:	JIM IRVING	DATE:	01/07/2014		

No	DATE	REVISION
0	ISSUED FOR TENDER PURPOSE ONLY	
1		
2		
3		

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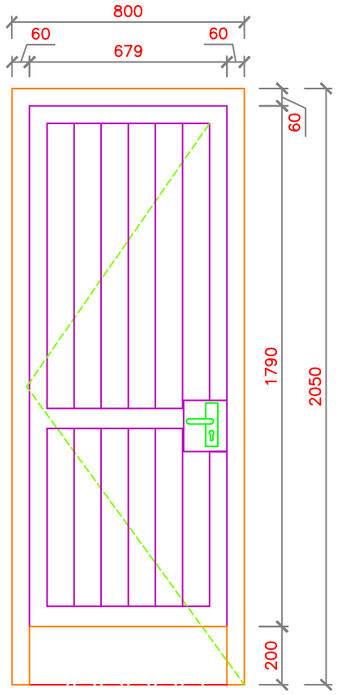
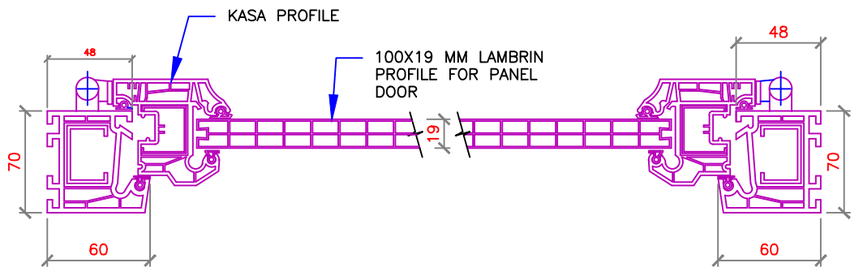
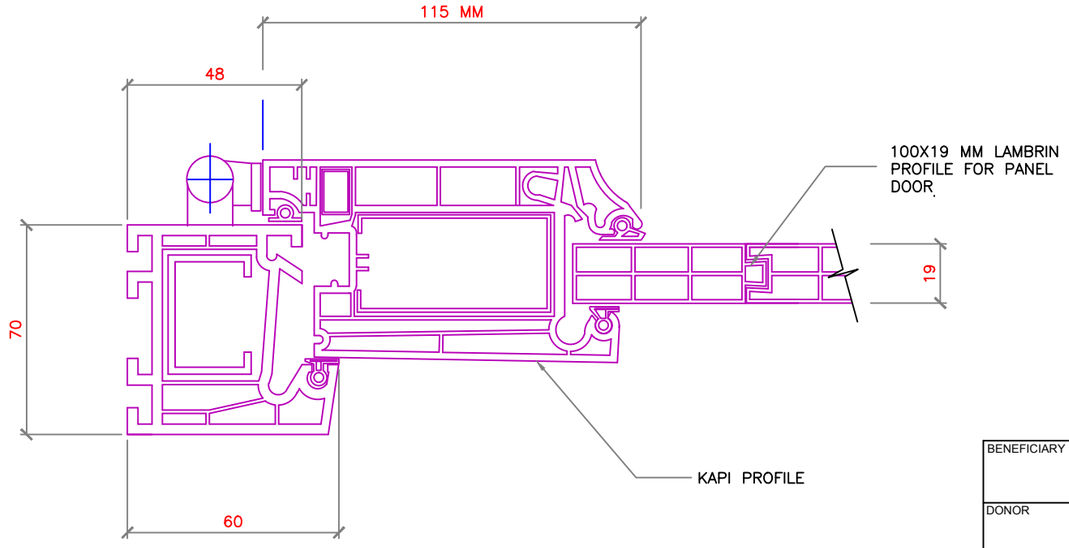


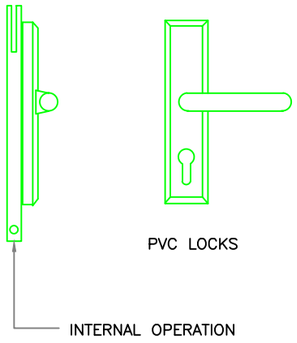
1 / A-11 PVC DOOR
SCALE: 1:20



1 / A-11 PVC DOOR SECTION
SCALE: 1:5



1 / A-11 PVC DOOR DETAIL
SCALE: NTS



ISSUED FOR TENDER

BENEFICIARY	INDEPENDENT ELECTION COMMISSION (IEC)
DONOR	FROM THE PEOPLE OF JAPAN
IMPLEMENTOR	UNITED NATIONS DEVELOPMENT PROGRAM
PROJECT: IEC BADAKHSHAAN PROVINCIAL COMPOUND OFFICE BUILDING	
DRAWING TITLE:	TOILETS PVC DOOR

DESIGNED:	M.W.F	PROJECT NO:	2013-28	DRAWING NO.	REV.
DRAWN:	M.W.F	SHEET SIZE:	A3	A-11	0
CHECKED:	A.S.M	SCALE:	1:20		
APPROVED:	JIM IRVING	DATE:	05/05/2014		

No	DATE	REVISION
0	ISSUED FOR TENDER PURPOSE ONLY	
1		
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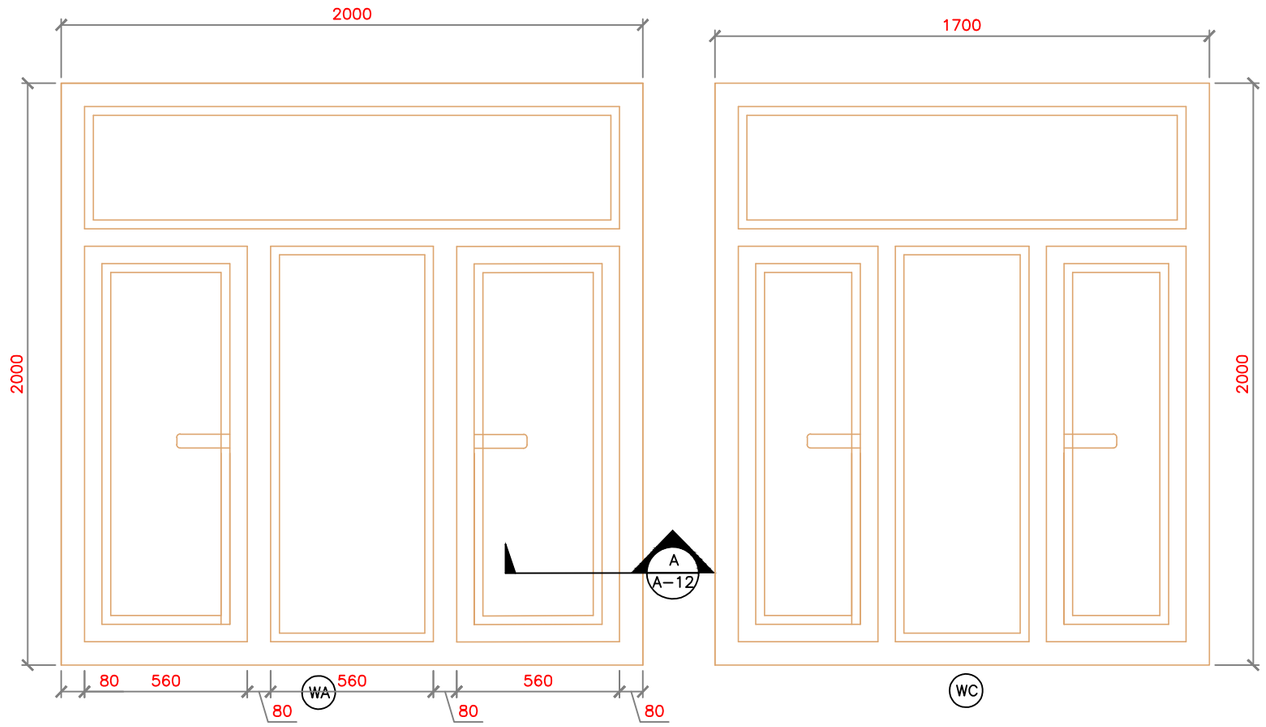
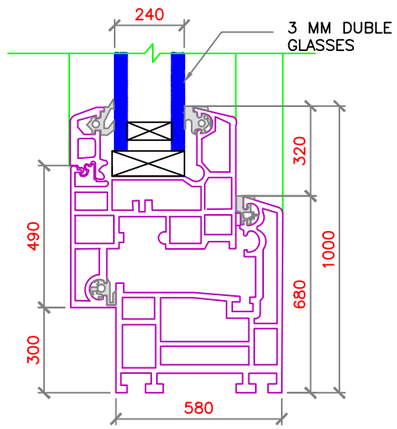
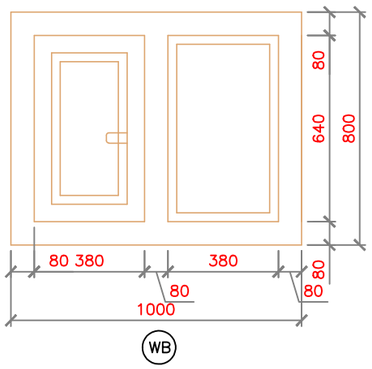
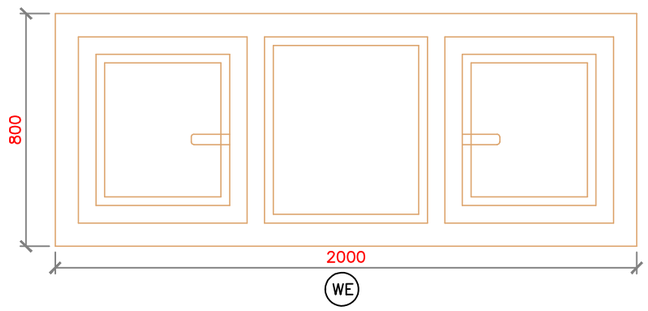


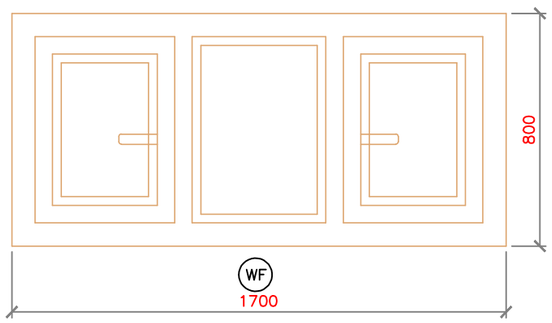
1 A-12 PVC WINDOW VIEW
SCALE: 1:5



1 A-12 PVC WINDOW SECTION
SCALE: 1:5







ISSUED FOR TENDER

BENEFICIARY	INDEPENDENT ELECTION COMMISSION (IEC)
DONOR	FROM THE PEOPLE OF JAPAN
IMPLEMENTOR	UNITED NATIONS DEVELOPMENT PROGRAM

PROJECT: IEC BADAKHSHAAN PROVINCIAL COMPOUND OFFICE BUILDING

DRAWING TITLE: P.V.C WINDOWS

DESIGNED:	M.W.F	PROJECT NO:	2013-28	DRAWING NO.	REV.
DRAWN:	M.W.F	SHEET SIZE:	A3	A-12	0
CHECKED:	A.S.M	SCALE:	1:20		
APPROVED:	JIM IRVING	DATE:	01/08/2014		

No	DATE	REVISION
0	ISSUED FOR TENDER PURPOSE ONLY	
1		
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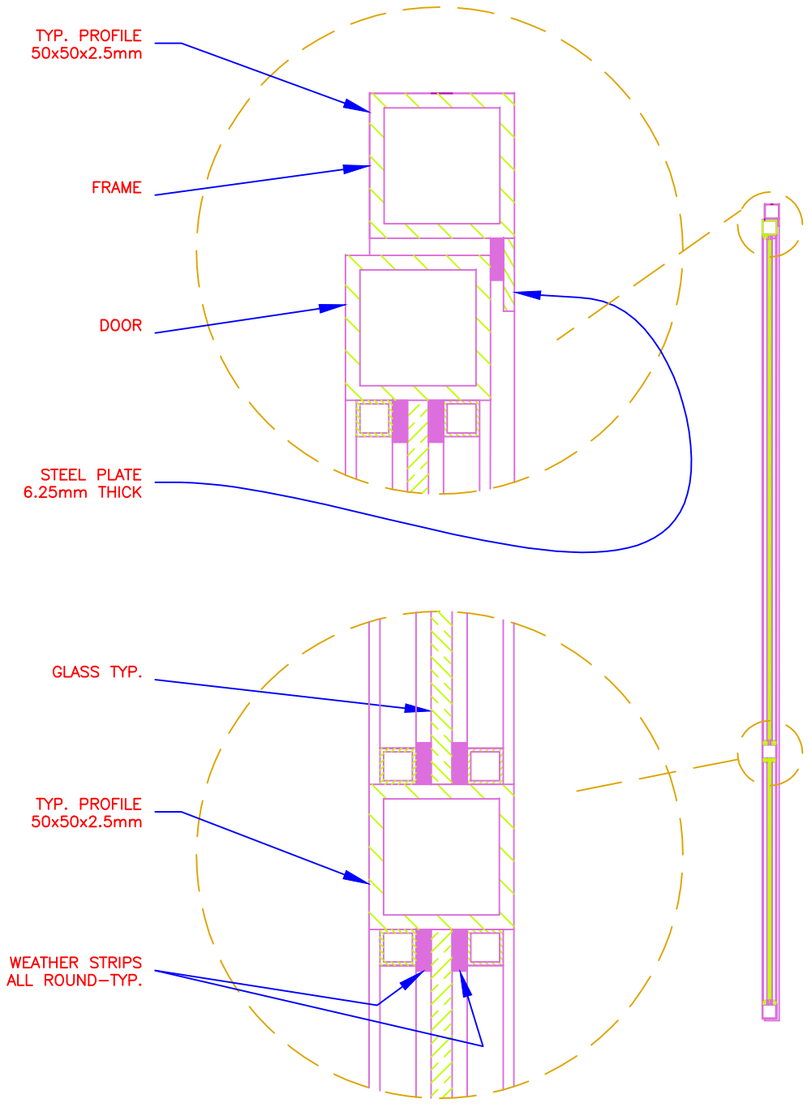
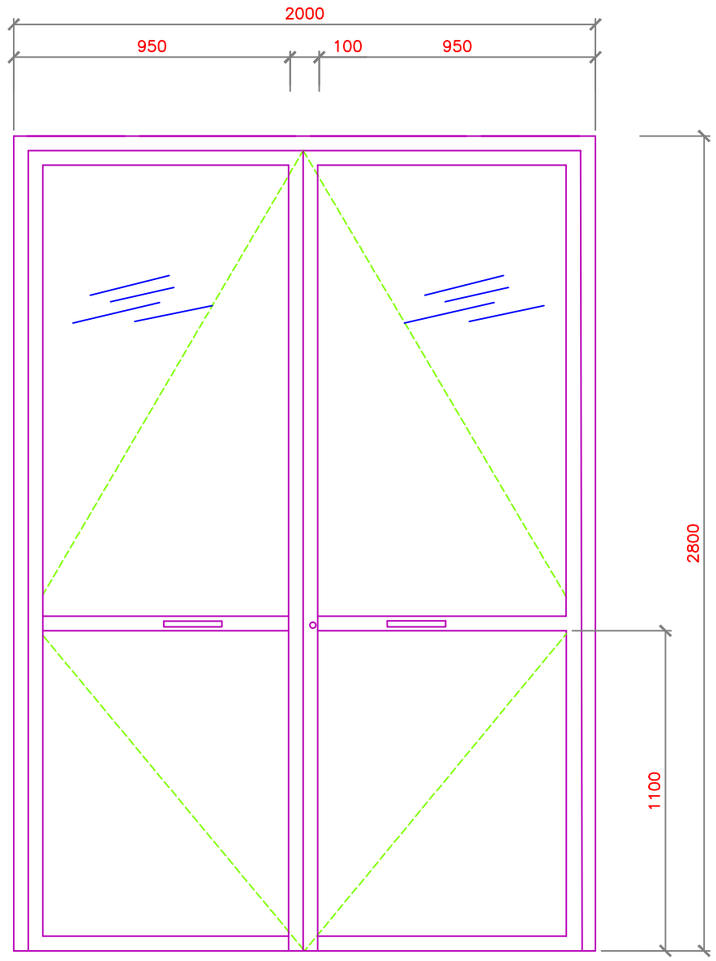


1 / A–13 SECTION
SCALE: 1:5



1 / A–13 STEEL DOOR
SCALE: 1:50

DOOR(2)STEEL 2000X2800

ISSUED FOR TENDER

BENEFICIARY	INDEPENDENT ELECTION COMMISSION (IEC)
DONOR	FROM THE PEOPLE OF JAPAN
IMPLEMENTOR	UNITED NATIONS DEVELOPMENT PROGRAM
PROJECT: IEC BADAKHSHAN PROVINCIAL COMPOUND OFFICE BUILDING	
DRAWING TITLE: STEEL DOOR	

				DRAWING NO.	REV.
DESIGNED:	M.W.F	PROJECT NO:	2013-28	A-13	0
DRAWN:	M.W.F	SHEET SIZE:	A3		
CHECKED:	A.S.M	SCALE:	1:20		
APPROVED:	JIM IRVING	DATE:	05/17/2014		

No	DATE	REVISION
0	ISSUED FOR TENDER PURPOSE ONLY	
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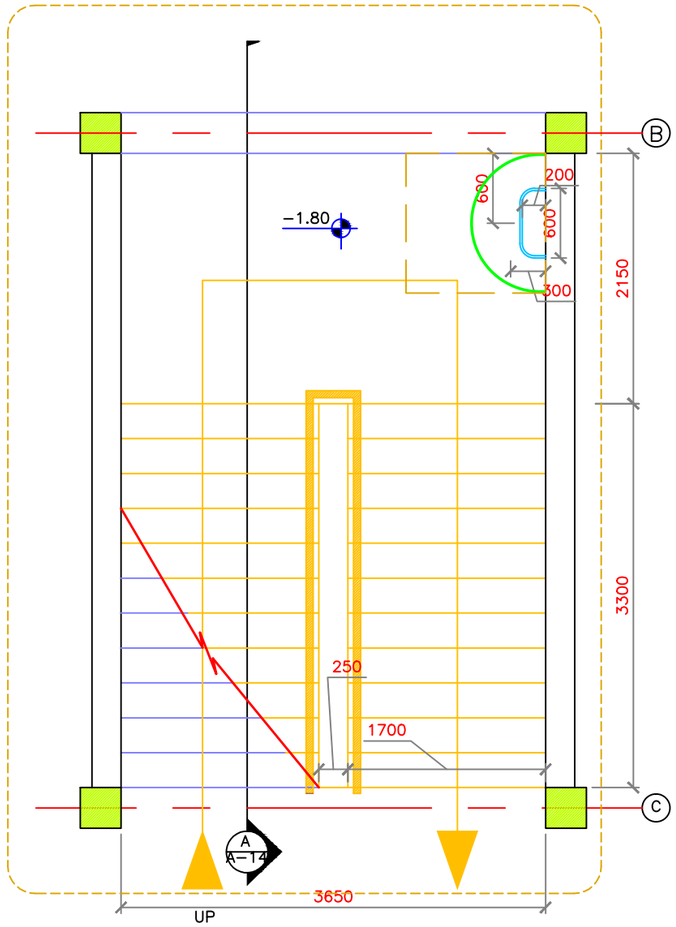
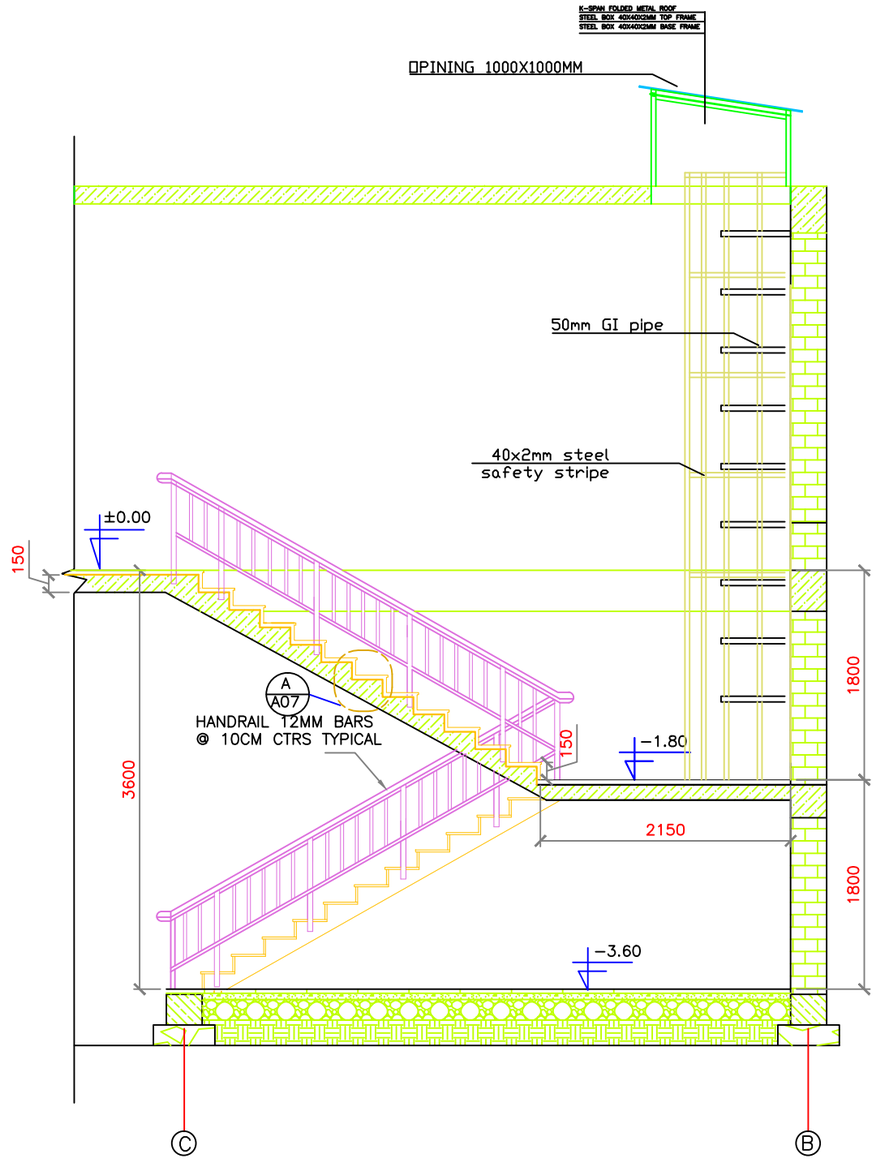
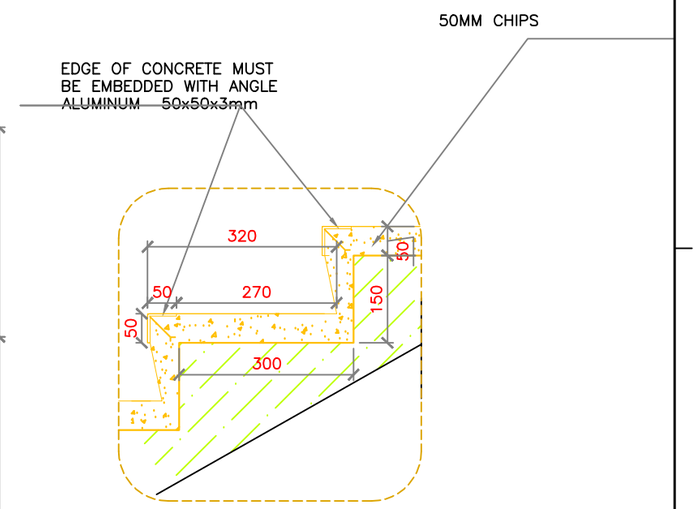


-3.60

3 / A-14 STAIR PLAN
SCALE: 1:50



A / A-14 STAIR SECTION
SCALE: 1:50



1 / A-14 DETAIL B
SCALE: 1:20

ISSUED FOR TENDER

BENEFICIARY	INDEPENDENT ELECTION COMMISSION (IEC)
DONOR	FROM THE PEOPLE OF JAPAN
IMPLEMENTOR	UNITED NATIONS DEVELOPMENT PROGRAM

PROJECT: IEC BADAKHSHAN PROVINCIAL COMPOUND OFFICE BUILDING

DRAWING TITLE: STAIR DETAIL

DESIGNED:	M.W.F	PROJECT NO:	2013-28	DRAWING NO.	REV.
DRAWN:	M.W.F	SHEET SIZE:	A3	A-14	0
CHECKED:	A.S.M	SCALE:	1:50		
APPROVED:	JIM IRVING	DATE:	05/17/2014		

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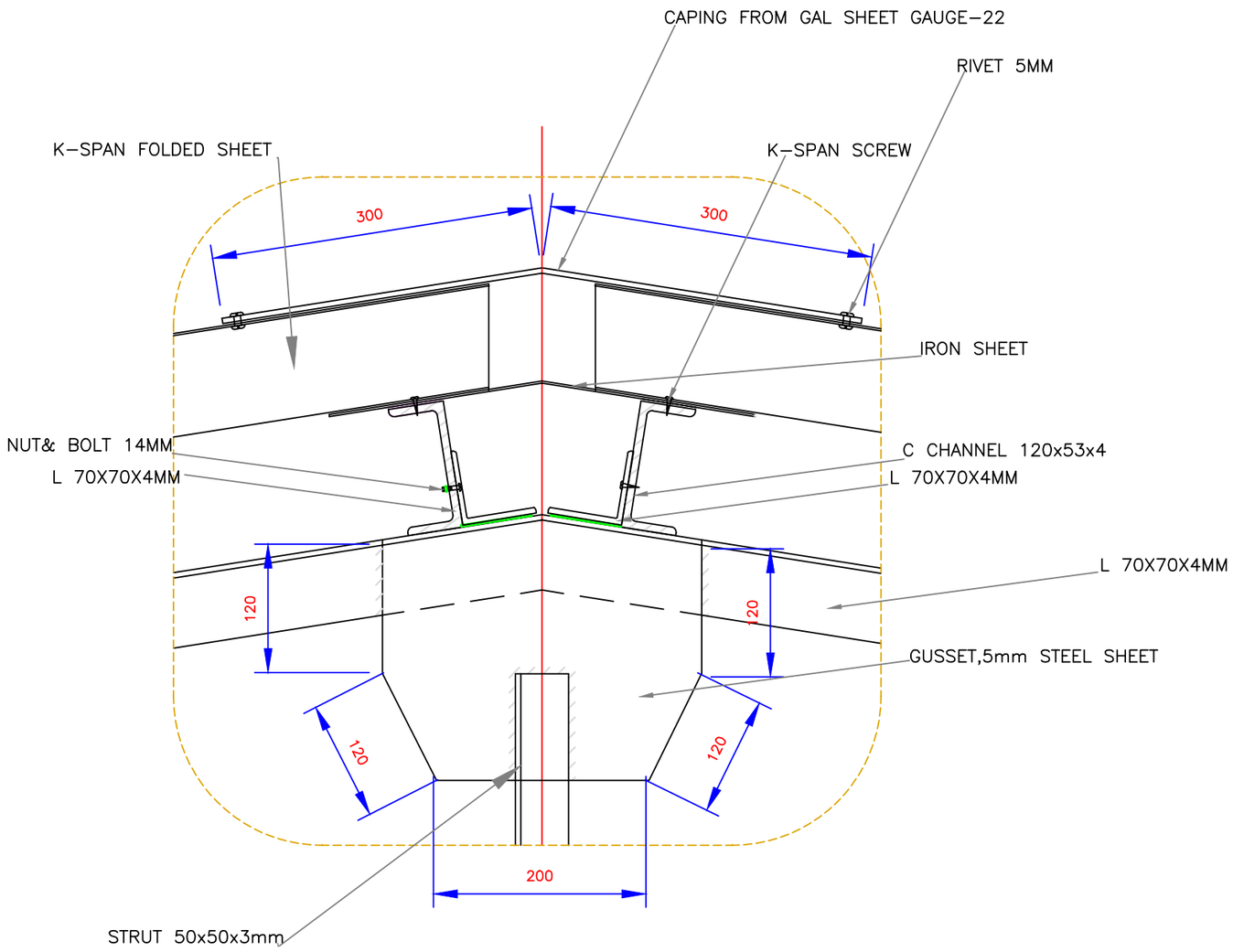
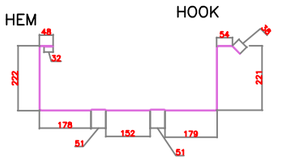
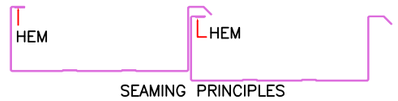


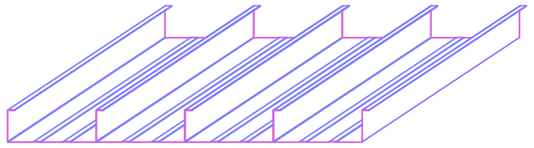
3 A–15A detail–a SCALE 1:25



MIC–120 K–SPAN STRAIGHT PANEL PROFILE



SEAMING PRINCIPLES



3 A–05 K–SPAN DETAILS SCALE 1:20

ISSUED FOR TENDER

BENEFICIARY	INDEPENDENT ELECTION COMMISSION (IEC)
DONOR	FROM THE PEOPLE OF JAPAN
IMPLEMENTOR	UNITED NATIONS DEVELOPMENT PROGRAM

PROJECT: IEC BADAKHSHAAN PROVINCIAL COMPOUND OFFICE BUILDING

DRAWING TITLE: ROOF DETAIL

DESIGNED:	M.W.F	PROJECT NO:	2013-28	DRAWING NO.	REV.
DRAWN:	M.W.F	SHEET SIZE:	A3	A-15A	0
CHECKED:	A.S.M	SCALE:	1:20		
APPROVED:	JIM IRVING	DATE:	05/05/2014		

No	DATE	REVISION
0	ISSUED FOR TENDER PURPOSE ONLY	
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2		
3		

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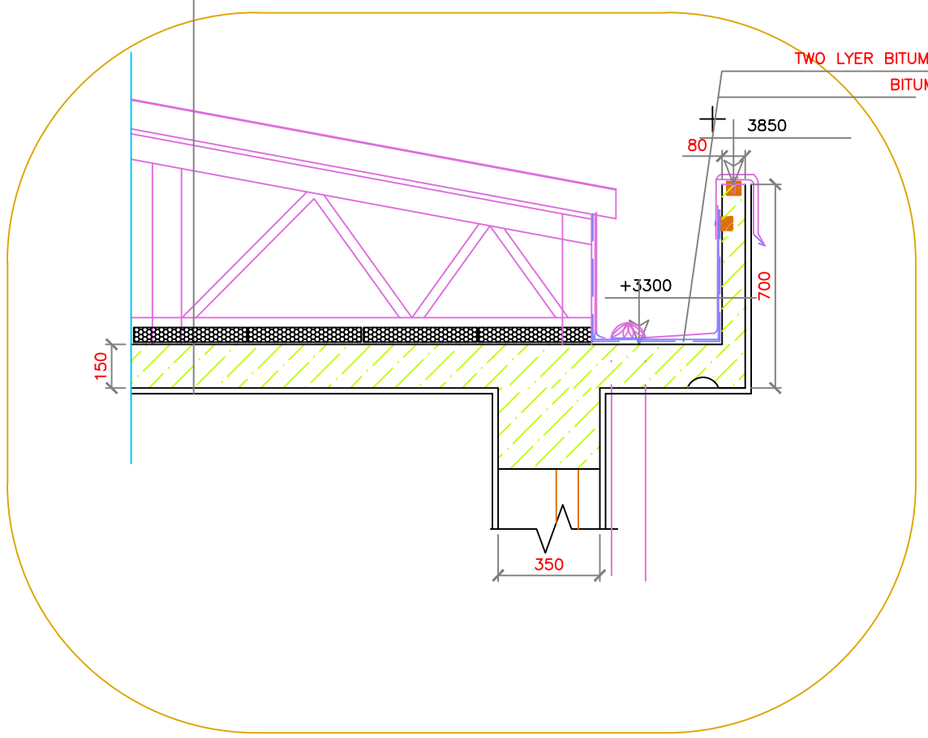
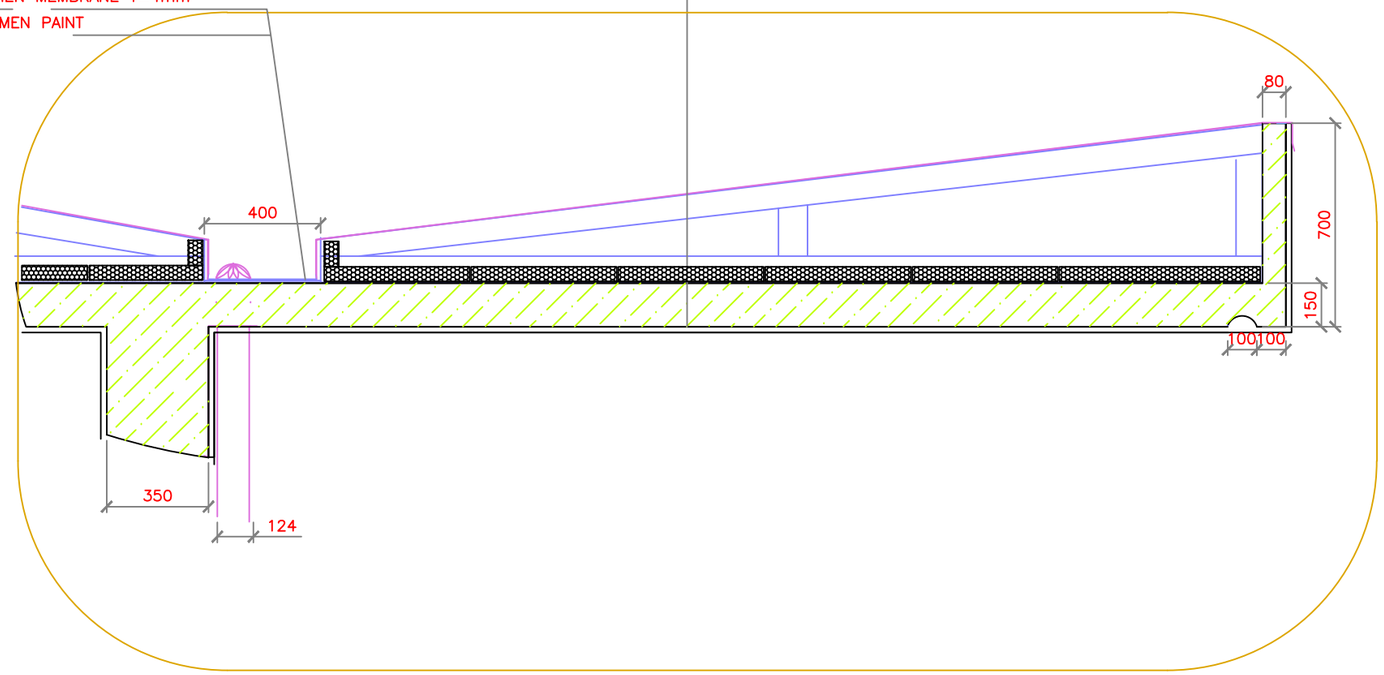
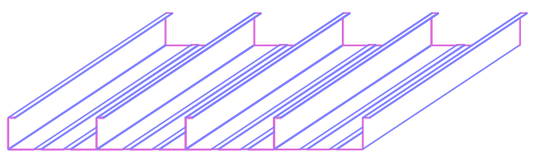


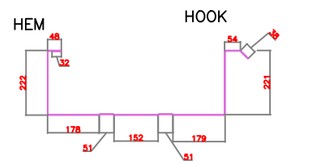


A / A-05 DETAIL
SCALE: 1:20

B / A-05 DETAIL
SCALE: 1:20



3 / A-05 K-SPAN DETAILS
SCALE 1:20



MIC-120 K-SPAN STRAIGHT PANEL PROFILE

SEAMING PRINCIPLES

ISSUED FOR TENDER

BENEFICIARY	INDEPENDENT ELECTION COMMISSION (IEC)
DONOR	FROM THE PEOPLE OF JAPAN
IMPLEMENTOR	UNITED NATIONS DEVELOPMENT PROGRAM
PROJECT: IEC BADAKHSHAAN PROVINCIAL COMPOUND OFFICE BUILDING	
DRAWING TITLE:	ROOF DETAIL

DESIGNED:	M.W.F	PROJECT NO:	2013-28	DRAWING NO.	REV.
DRAWN:	M.W.F	SHEET SIZE:	A3	A-15	0
CHECKED:	A.S.M	SCALE:	1:20		
APPROVED:	JIM IRVING	DATE:	01/08/2014		

No	DATE	REVISION
0	ISSUED FOR TENDER PURPOSE ONLY	
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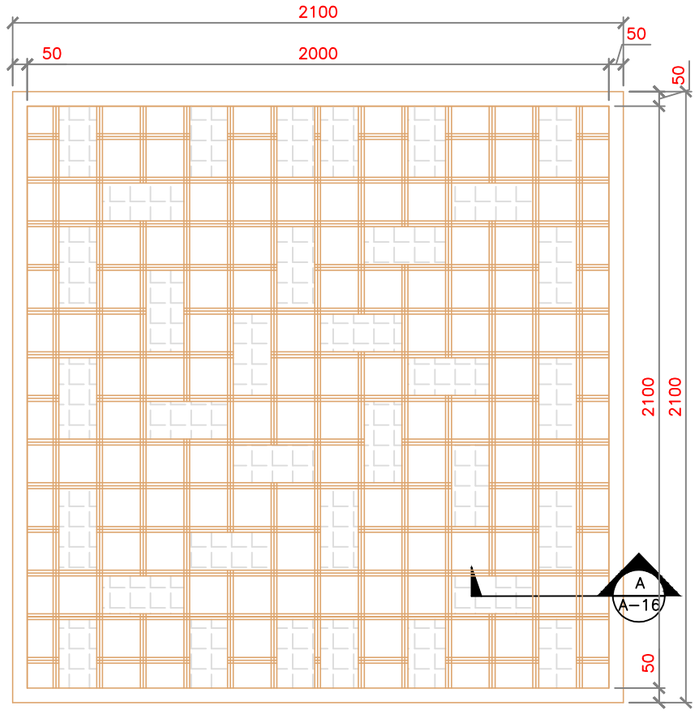
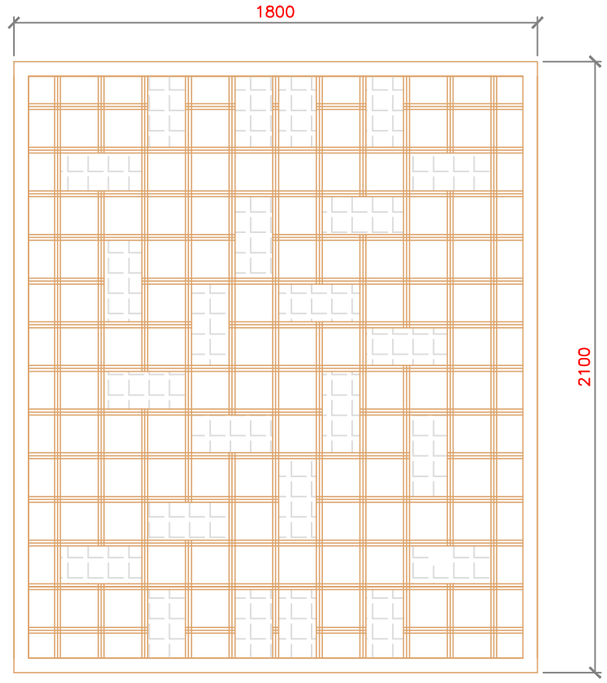


WA

1/A-16 STEEL GRILLS VIEW
SCALE: 1:20



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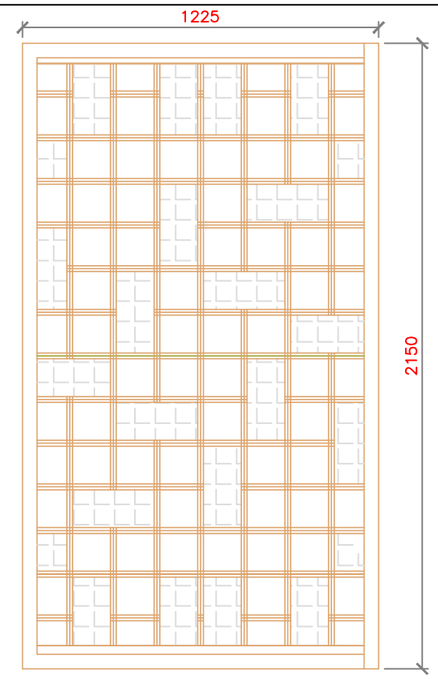
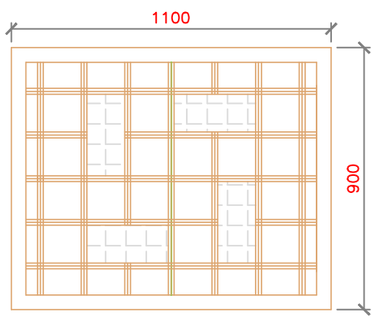


WD/A-16 STEEL GRILL VIEW
SCALE: 1:5

NOTE: FOR DETAIL SEE DRAWING A-13



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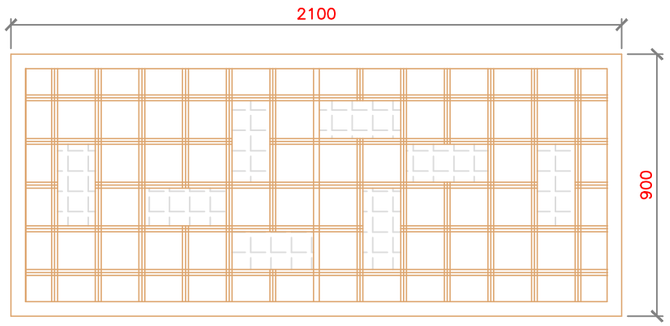
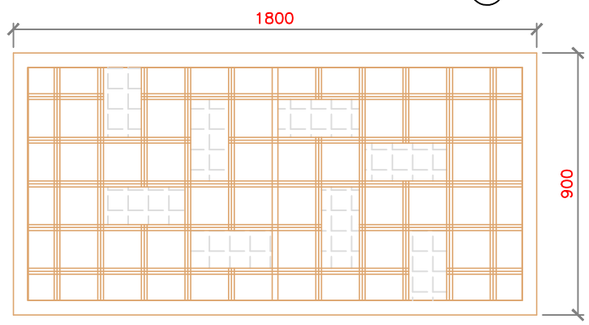


WE



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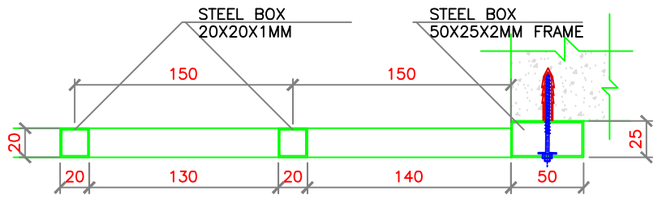


1/A-16 STEEL GRILL SECTION A
SCALE: 1:5

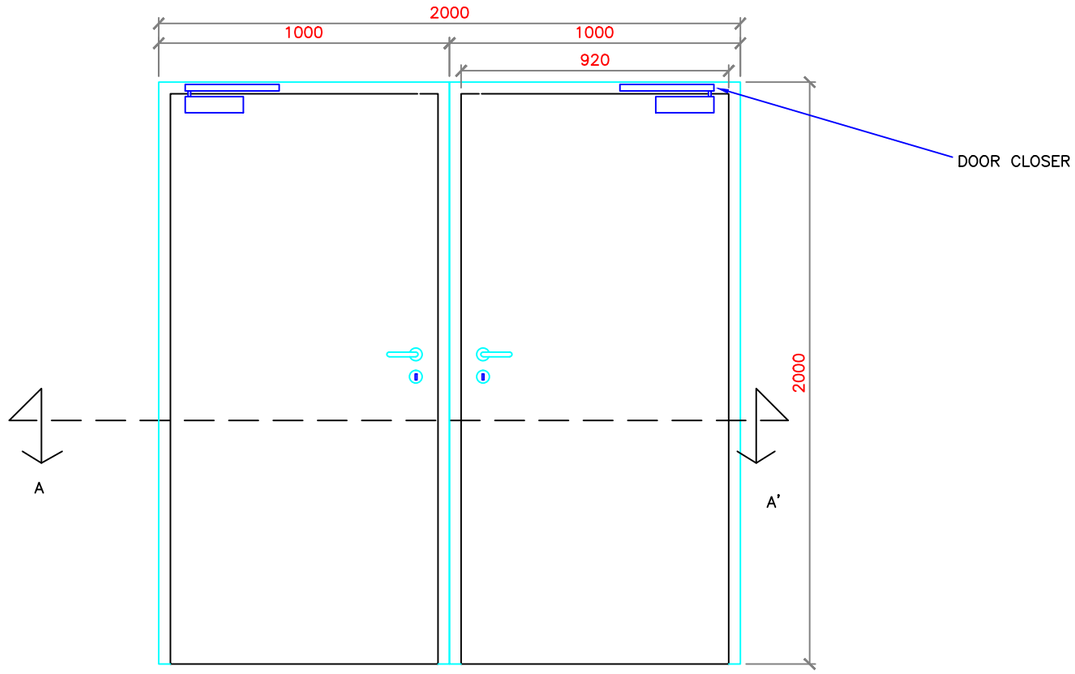
ISSUED FOR TENDER

BENEFICIARY	INDEPENDENT ELECTION COMMISSION (IEC)
DONOR	FROM THE PEOPLE OF JAPAN
IMPLEMENTOR	UNITED NATIONS DEVELOPMENT PROGRAM AFGHANISTAN OPERATIONS CENTER
PROJECT: IEC BADAKHSHAN PROVINCIAL COMPOUND OFFICE BUILDING	
DRAWING TITLE:	STEEL WINDOWS GRILL DETAIL

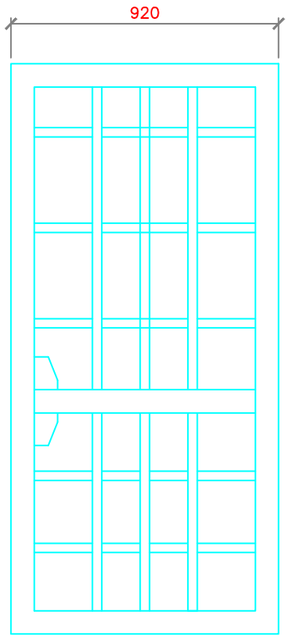
DESIGNED:	M.W.F	PROJECT NO:	2013-28	DRAWING NO.	REV.
DRAWN:	M.W.F	SHEET SIZE:	A3	A-16	0
CHECKED:	A.S.M	SCALE:	1:20		
APPROVED:	JIM IRVING	DATE:	05/12/2014		

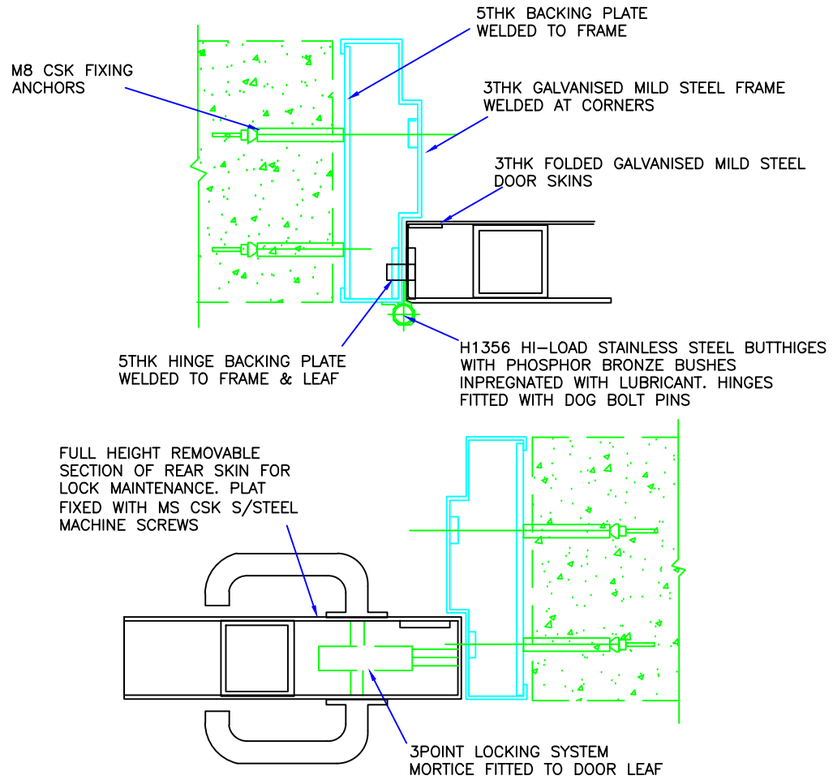
No	DATE	REVISION
0		ISSUED FOR TENDER PURPOSE ONLY
1		
2		
3		

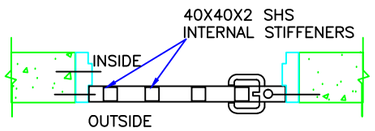
NOTES
- ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.
- DO NOT SCALE DRAWINGS.
- VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCEMENT OF WORK.
- ALL DRAWINGS SHALL BE READ IN CONJUNCTION WITH SPECIFICATIONS AND SCHEDULES.
- ALL WORK SHALL BE CARRIED OUT IN ACCORDANCE WITH LOCAL LAWS AND UNDP SPECIFICATIONS.
- ANY DISCREPANCIES SHALL BE REPORTED TO UNDP ENGINEERS.



D–5 DUBLE STEEL DOOR







SECTION A–A

1 / A–17 STEEL DOOR
SCALE: 1:20

ISSUED FOR TENDER

BENEFICIARY	INDEPENDENT ELECTION COMMISSION (IEC)
DONOR	FROM THE PEOPLE OF JAPAN
IMPLEMENTOR	UNITED NATIONS DEVELOPMENT PROGRAM
PROJECT:	IEC BADAKHSHAN PROVINCIAL COMPOUND OFFICE BUIDING
DRAWING TITLE:	BUNKER STEEL SLIDING DOOR

DESIGNED:	M.W.F	PROJECT NO:	2013-28	DRAWING NO.	REV.
DRAWN:	M.W.F	SHEET SIZE:	A3	A-17	0
CHECKED:	A.S.M	SCALE:	1:20		
APPROVED:	JIM IRVING	DATE:	05/17/2014		

No	DATE	REVISION
0	05.05.2014	ISSUED FOR TENDER PURPOSE ONLY
1		
2		
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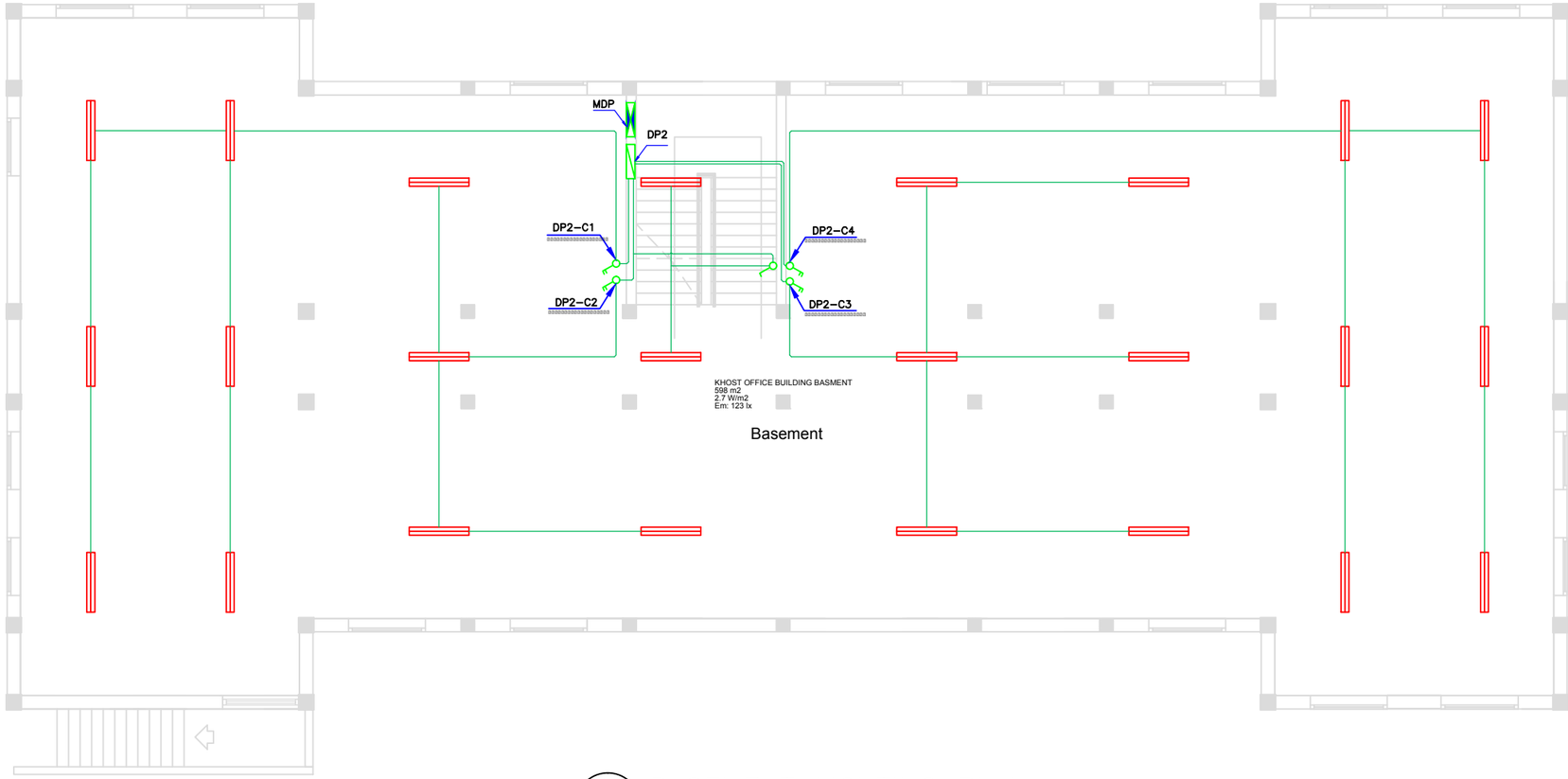
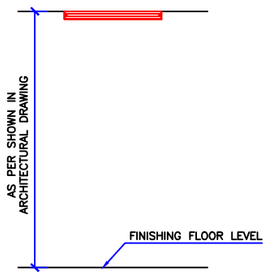
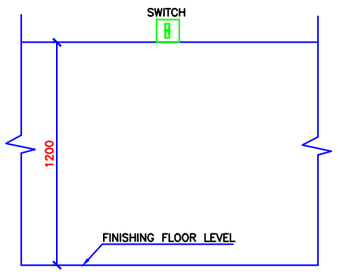


1 / E01 BASEMENT LIGHTING PLAN
SCALE NTS



2 / E01 FLUORESCENT LIGHT FIXTURE INSTALLATION DETAIL
SCALE NTS



3 / E01 LIGHTING SWITCH LEVEL
SCALE NTS

LEGEND:

- 2X36 WATT SURFACE FLUORESCENT LIGHT FIXTURE
- SINGLE POLE LIGHTING SWITCH
- DOUBLE POLE LIGHTING SWITCH
- DISTRIBUTION PANEL BOARD
- MAIN DISTRIBUTION PANEL BOARD
- ELECTRICAL WIRE

ISSUED FOR TENDER

BENEFICIARY	INDEPENDENT ELECTION COMMISSION (IEC)
DONOR	FROM THE PEOPLE OF JAPAN
IMPLEMENTOR	UNITED NATIONS DEVELOPMENT PROGRAM
PROJECT:	IEC BADAKHSHAN PROVINCIAL COMPOUND OFFICE BUILDING
DRAWING TITLE:	BASEMENT LIGHTING PLAN

				DRAWING NO.	REV.
DESIGNED:	S.H.DANISH	PROJECT NO:	2013-28	E01	0
DRAWN:	S.H.DANISH	SHEET SIZE:	A3		
CHECKED:	A.S.M	SCALE:	1:150		
APPROVED:	JIM IRVING	DATE:	05/05/2014		

No	DATE	REVISION
0	05.05.2014	ISSUED FOR TENDER PURPOSE ONLY
1		
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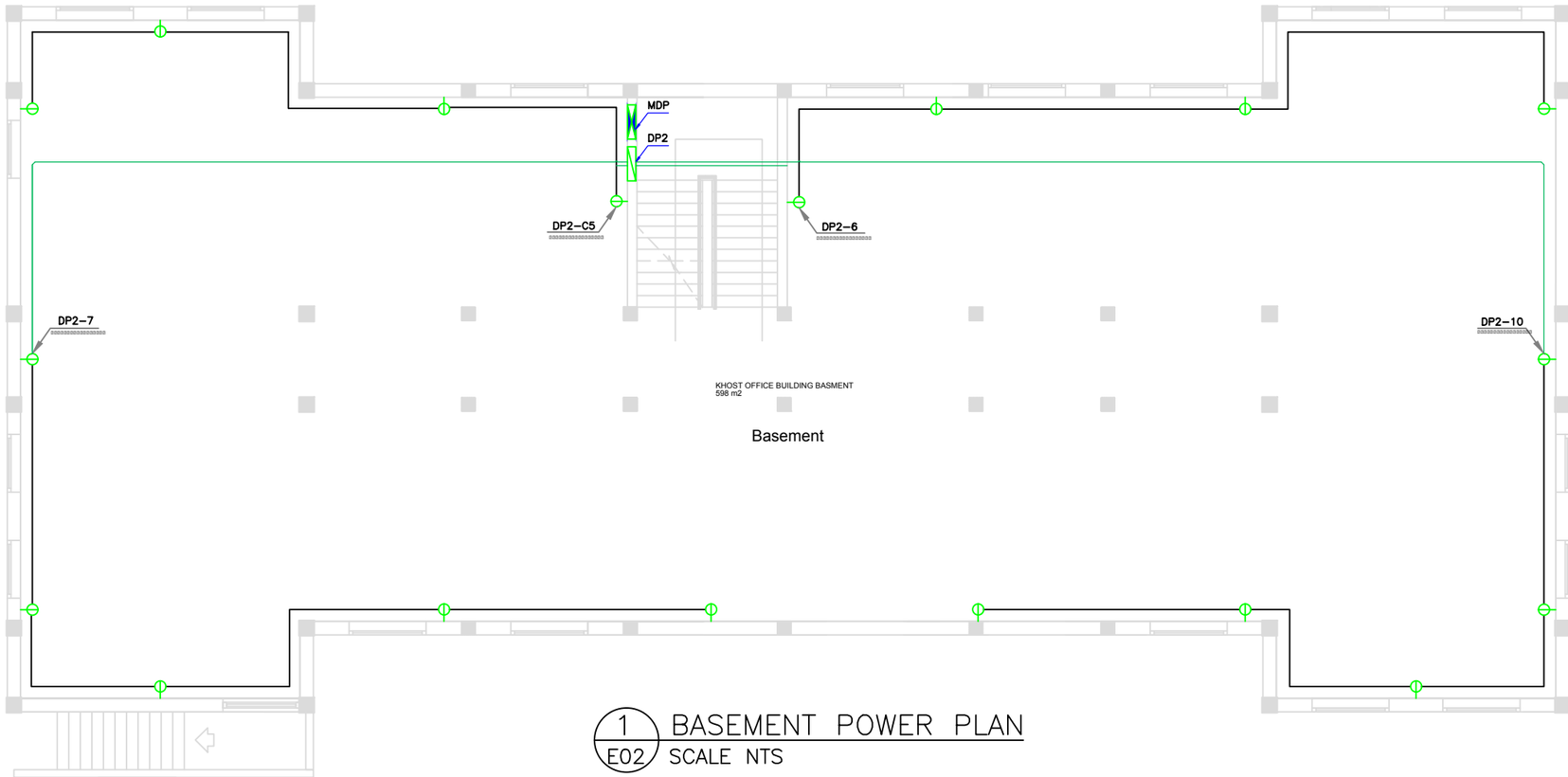
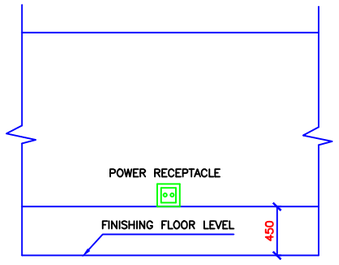


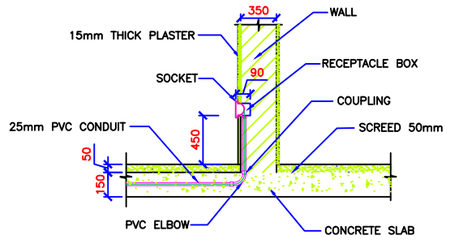
1 E02 BASEMENT POWER PLAN
SCALE NTS

LEGENDS:

- 16 Amp DUPLEX POWER RECEPTICAL
- DISTRIBUTION PANEL BOARD
- MAIN DISTRIBUTION PANEL BOARD
- ELECTRICAL WIRE



2 E02 POWER RECEPTACLE LEVEL
SCALE NTS



3 E02 SECTION
SCALE: NTS

ISSUED FOR TENDER

BENEFICIARY	INDEPENDENT ELECTION COMMISSION (IEC)
DONOR	FROM THE PEOPLE OF JAPAN
IMPLEMENTOR	UNITED NATIONS DEVELOPMENT PROGRAM
PROJECT:	IEC BADAKHSHAN PROVINCIAL COMPOUND OFFICE BUILDING
DRAWING TITLE:	BASEMENT POWER PLAN

DESIGNED:	S.H. DANISH	PROJECT NO:	2013-28	DRAWING NO.	REV.
DRAWN:	S.H. DANISH	SHEET SIZE:	A3	E02	0
CHECKED:	A.S.M	SCALE:	1:150		
APPROVED:	JIM IRVING	DATE:	05/05/2014		

No	DATE	REVISION
0	05.05.2014	ISSUED FOR TENDER PURPOSE ONLY
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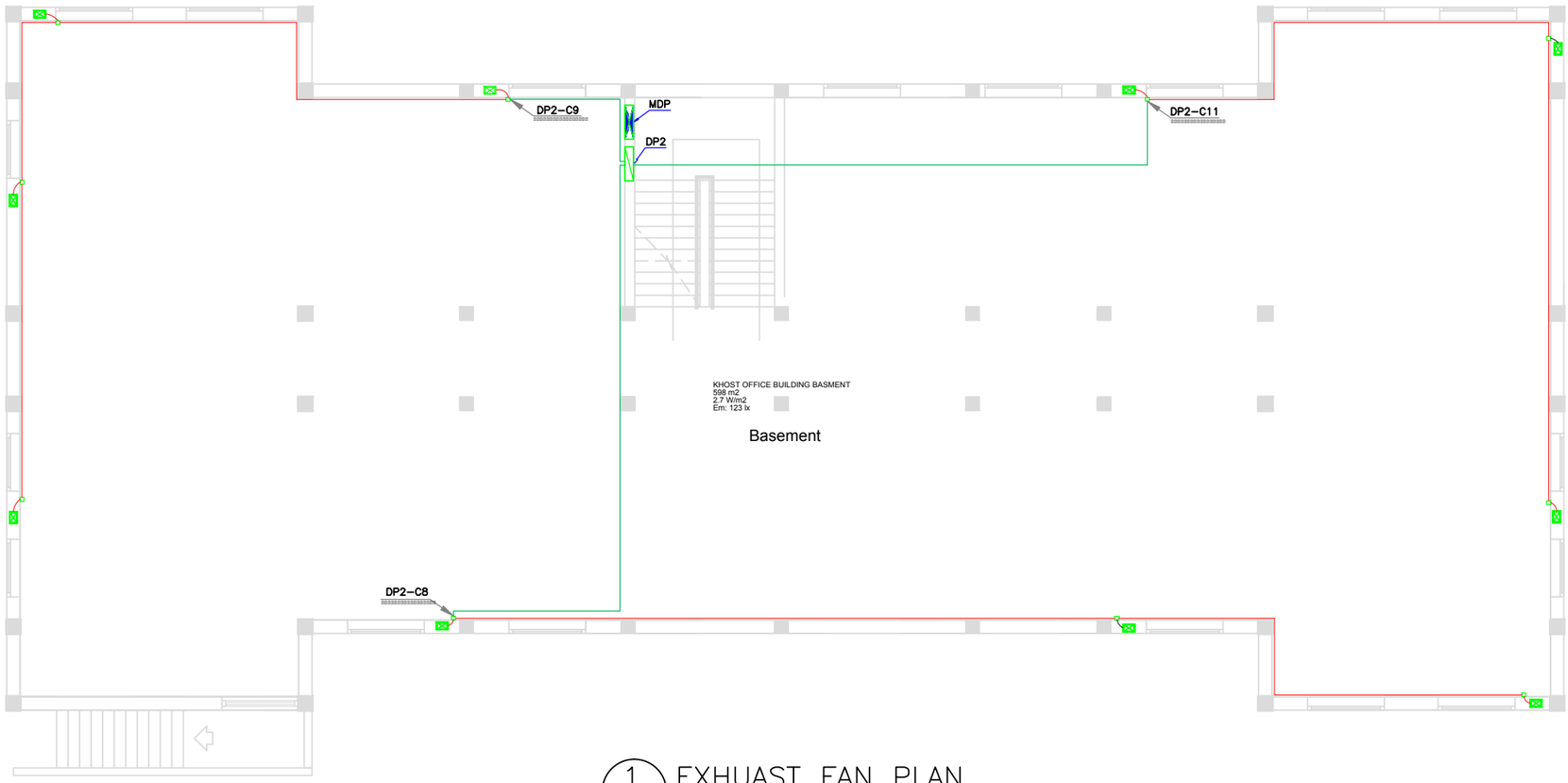
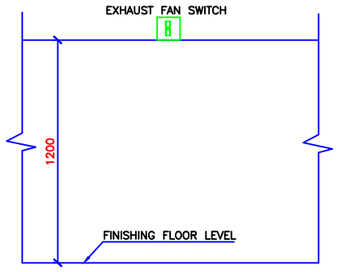


1 / E03 EXHUAST FAN PLAN
SCALE NTS

LEGENDS:

- 10 Amp DISCONNECTING SWITCH
- EXHAUST FAN
- MDP (MAIN DISTRIBUTION PANEL BOARD)
- ELECTRICAL WIRE
- ELECTRICAL WIRE



2 / E03 AC SWITCH LEVEL
SCALE NTS

ISSUED FOR TENDER

BENEFICIARY	INDEPENDENT ELECTION COMMISSION (IEC)
DONOR	FROM THE PEOPLE OF JAPAN
IMPLEMENTOR	UNITED NATIONS DEVELOPMENT PROGRAM

PROJECT: IEC BADAKHSHAN PROVINCIAL COMPOUND OFFICE BUILDING

DRAWING TITLE: BASEMENT POWER PLAN

DESIGNED:	S.H. DANISH	PROJECT NO:	2013-28	DRAWING NO.	REV.
DRAWN:	S.H. DANISH	SHEET SIZE:	A3	E03	0
CHECKED:	A.S.M	SCALE:	1:150		
APPROVED:	JIM IRVING	DATE:	05/05/2014		

No	DATE	REVISION
0	05.05.2014	ISSUED FOR TENDER PURPOSE ONLY
1		
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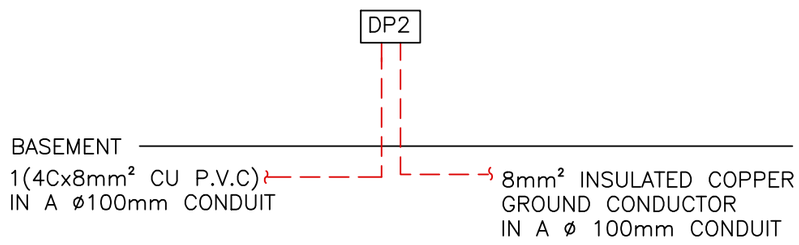
BASEMENT POWER DISTRIBUTION PANEL BOARD

30KA ISC / 0.5 SEC		FEED : TOP
RECESSED MOUNTED NEMA ENCLOSURE	40 AMP MAIN BREAKER	
380Y / 220 VOLTS, 3 PHASE, 4 WIRE		MOUNTING : RECESSED
50Hz PANEL BOARD		LOCATION : WALL MOUNTED

WIRE & CONDUIT	GND WIRE	LOAD DESCRITPTION	A	B	C	AMP	POLE	CKT	A	B	C	CKT	POLE	AMP	A	B	C	LOAD DESCRITPTION	GND WIRE	WIRE & CONDUIT
2(1Cx2.5mm²) Ø 25mm	2.5mm²	LIGHTING	500			16	1	1				2	1	16	500			LIGHTING	2.5mm²	2(1Cx2.5mm²) Ø 25mm
2(1Cx2.5mm²) Ø 25mm	2.5mm²	LIGHTING		500		16	1	3				4	1	16		500		LIGHTING	2.5mm²	2(1Cx2.5mm²) Ø 25mm
2(1Cx4mm²) Ø 25mm	4mm²	POWER RECEPTACLE			1000	20	1	5				6	1	20			1000	POWER RECEPTACLE	4mm²	2(1Cx4mm²) Ø 25mm
2(1Cx4mm²) Ø 25mm	4mm²	POWER RECEPTACLE	1000			20	1	7				8	1	10	400			EXHAUST FAN	2.5mm²	2(1Cx2.5mm²) Ø 25mm
2(1Cx2.5mm²) Ø 25mm	2.5mm²	EXHAUST FAN		500		10	1	9				10	1	20		1000		POWER RECEPTACLE	4mm²	2(1Cx4mm²) Ø 25mm
2(1Cx2.5mm²) Ø 25mm	2.5mm²	EXHAUST FAN			400	10	1	11				12	1	10			–	SPARE	–	–
–	–	SPARE	–			16	1	13				14	1	20	–			SPARE	–	–
SUB - TOTAL			1500	1000	1400										900	1500	1000	SUB - TOTAL		

	VA	AMP
Total Phase A	2400	10.90909091
Total Phase B	2500	11.36363636
Total Phase C	2400	10.90909091
Total Connected Load	7.3	KVA
Demond Factor		0.9
Demond Factor Load	6.57	KVA
25% Futur Load	1.6425	KVA
Total Load	8.2125	KVA
Total Ampere	12.713	AMP

1 / E04 DP2 PANEL SCHEDULE
SCALE NTS



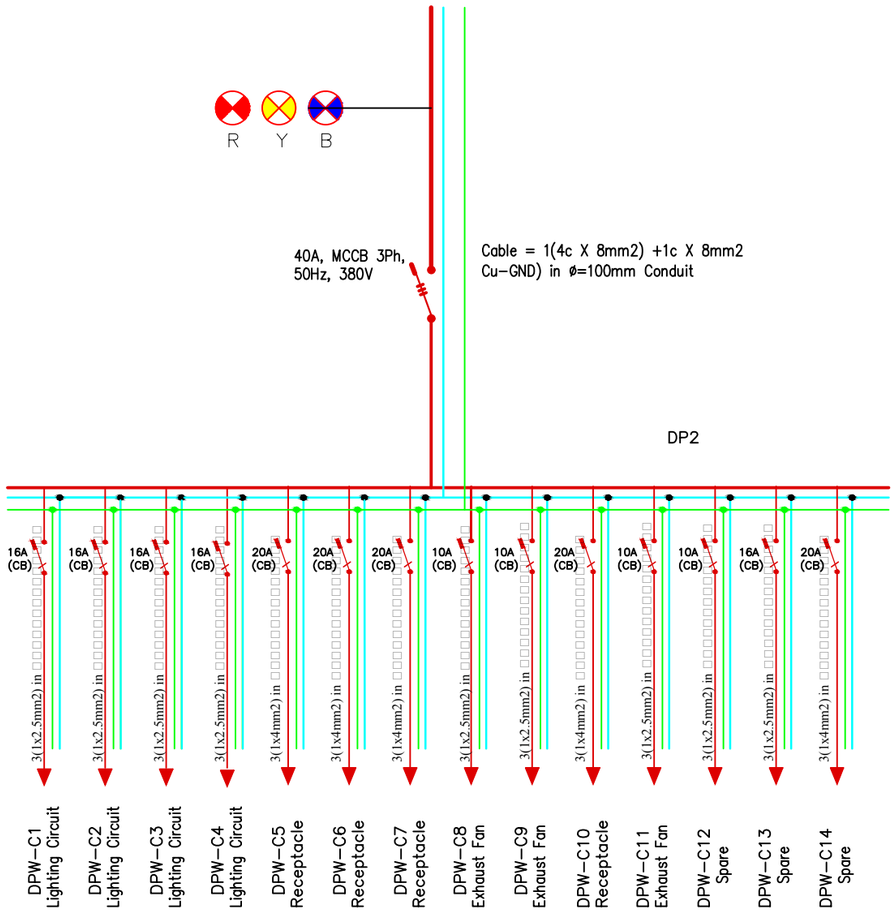
2 / E04 POWER RISE DIAGRAM
SCALE NTS

ISSUED FOR TENDER

BENEFICIARY	INDEPENDENT ELECTION COMMISSION (IEC)
DONOR	FROM THE PEOPLE OF JAPAN
IMPLEMENTOR	UNITED NATIONS DEVELOPMENT PROGRAM
PROJECT:	IEC BADAKHSHAN PROVINCIAL COMPOUND OFFICE BUILDING
DRAWING TITLE:	DP2 PANEL SCHEDULE

DESIGNED:	S.H. DANISH	PROJECT NO:	2013-28	DRAWING NO.	REV.
DRAWN:	S.H. DANISH	SHEET SIZE:	A3	E04	0
CHECKED:	A.S.M	SCALE:	1:150		
APPROVED:	JIM IRVING	DATE:	05/05/2014		

No	DATE	REVISION
0	05.05.2014	ISSUED FOR TENDER PURPOSE ONLY
1		
2		



1 / E-04 SINGLE LINE DIAGRAM (DP2)
Scale: 1:100

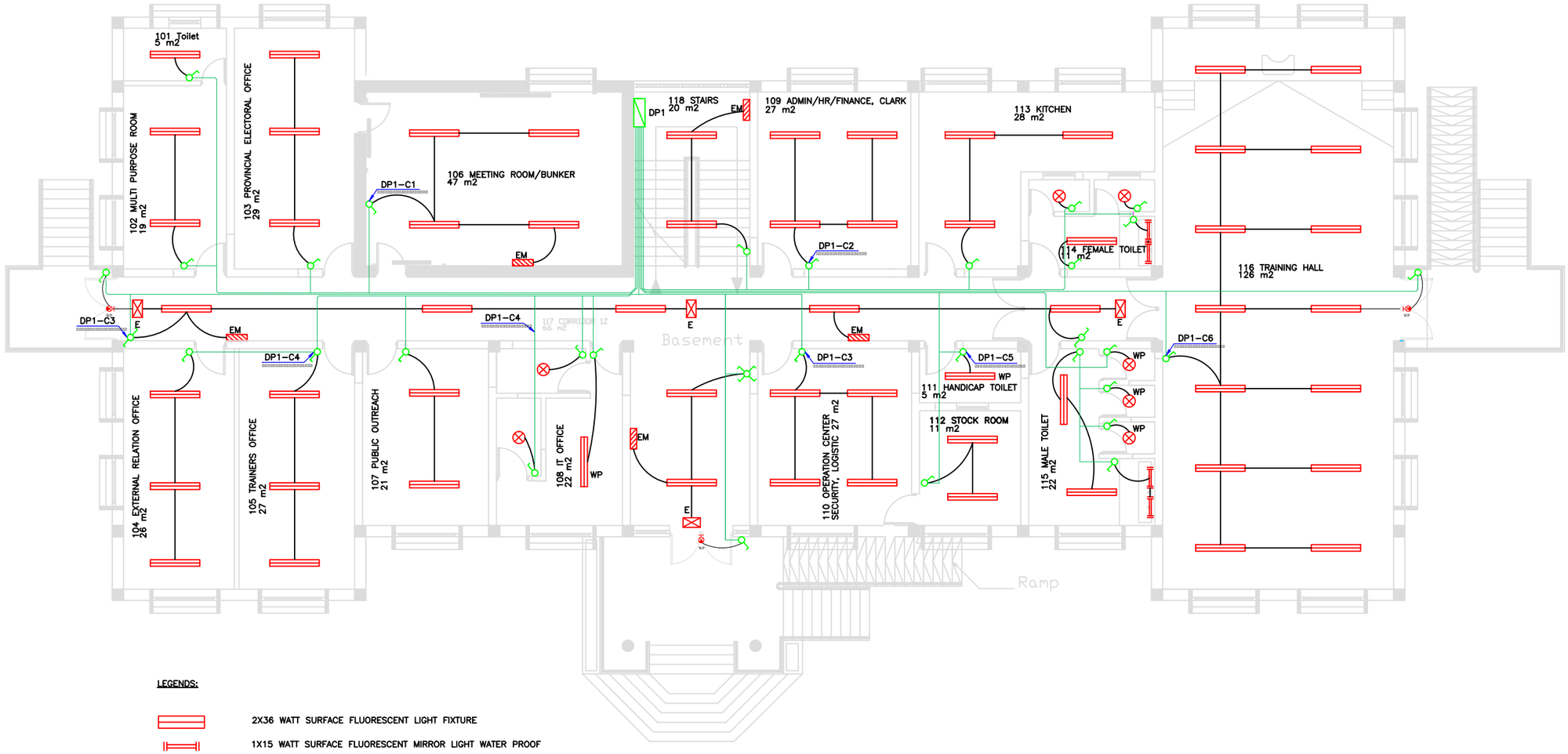
ISSUED FOR TENDER

BENEFICIARY	INDEPENDENT ELECTION COMMISSION (IEC)
DONOR	FROM THE PEOPLE OF JAPAN
IMPLEMENTOR	UNITED NATIONS DEVELOPMENT PROGRAM
PROJECT:	IEC BADAKHSHAN PROVINCIAL COMPOUND OFFICE BUILDING
DRAWING TITLE:	BASEMENT SINGLE LINE DIAGRAM

DESIGNED:	S.H. DANISH	PROJECT NO:	2013-28	DRAWING NO.	REV.
DRAWN:	S.H. DANISH	SHEET SIZE:	A3	E05	0
CHECKED:	A.S.M	SCALE:	1:100		
APPROVED:	JIM IRVING	DATE:	05/05/2014		

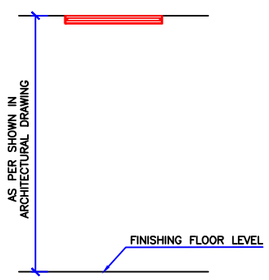
No	DATE	REVISION
0	05.05.2014	ISSUED FOR TENDER PURPOSE ONLY
1		
2		
3		

1 / E06 GROUND FLOOR LIGHTING PLAN
SCALE NTS

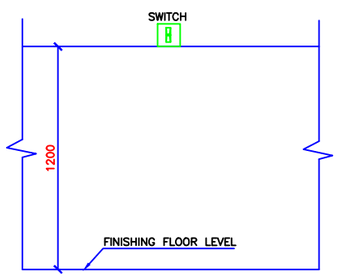


LEGENDS:

- 2X36 WATT SURFACE FLUORESCENT LIGHT FIXTURE
- 1X15 WATT SURFACE FLUORESCENT MIRROR LIGHT WATER PROOF
- 1X32 WATT CIRCULAR SURFACE MOUNTED FLUORESCENT LIGHT FIXTURE, WATER PROOF IN MOISTURE AREAS.
- DOUBLE POLE LIGHTING SWITCH
- SINGLE POLE LIGHTING SWITCH
- THREE WAY LIGHTING SWITCH
- FOUR WAY LIGHTING SWITCH
- DISTRIBUTION PANEL BOARD
- EXIT LIGHT
- OUTSIDE LIGHT
- EMERGENCY LIGHT
- ELECTRICAL WIRE



2 / E06 FLUORESCENT LIGHT FIXTURE INSTALLATION DETAIL
SCALE NTS



3 / E06 LIGHTING SWITCH LEVEL
SCALE NTS

ISSUED FOR TENDER

BENEFICIARY	INDEPENDENT ELECTION COMMISSION (IEC)
DONOR	FROM THE PEOPLE OF JAPAN
IMPLEMENTOR	UNITED NATIONS DEVELOPMENT PROGRAM
PROJECT:	IEC BADAKHSHAN PROVINCIAL COMPOUND OFFICE BUILDING
DRAWING TITLE:	GROUND FLOOR LIGHTING PLAN

DESIGNED:	S.H. DANISH	PROJECT NO:	2013-28	DRAWING NO.	REV.
DRAWN:	S.H. DANISH	SHEET SIZE:	A3	E06	0
CHECKED:	A.S.M	SCALE:	1:150		
APPROVED:	JIM IRVING	DATE:	05/05/2014		

No	DATE	REVISION
0	05.05.2014	ISSUED FOR TENDER PURPOSE ONLY
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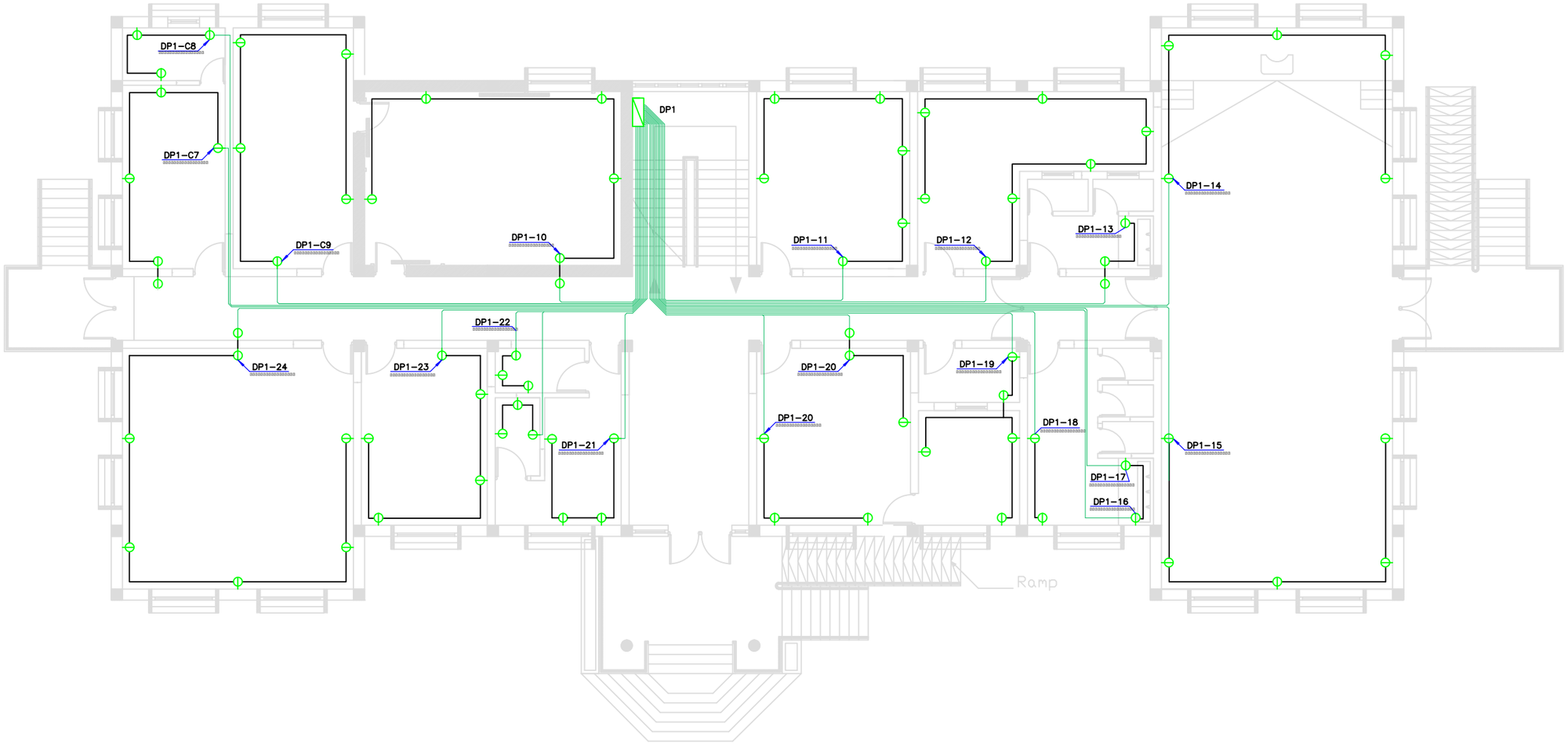
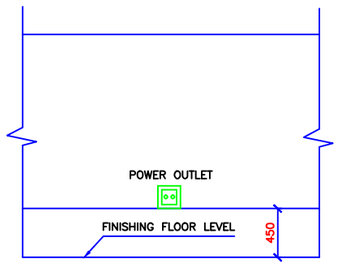


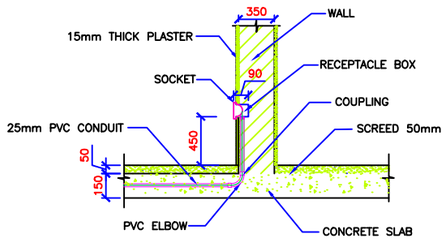
1 E07 GROUND FLOOR POWER PLAN
SCALE NTS

LEGENDS:

- 16 Amp DUPLEX POWER RECEPTICAL
- DISTRIBUTION PANEL BOARD
- ELECTRICAL WIRE



2 E07 POWER OUTLET AND SWITCH LEVEL
SCALE NTS



3 E07 SECTION
SCALE: NTS

ISSUED FOR TENDER

BENEFICIARY	INDEPENDENT ELECTION COMMISSION (IEC)
DONOR	FROM THE PEOPLE OF JAPAN
IMPLEMENTOR	UNITED NATIONS DEVELOPMENT PROGRAM
PROJECT:	IEC BADAKHSHAN PROVINCIAL COMPOUND OFFICE BUILDING
DRAWING TITLE:	GROUND FLOOR POWER PLAN

DESIGNED:	S.H. DANISH	PROJECT NO:	2013-28	DRAWING NO.	REV.
DRAWN:	S.H. DANISH	SHEET SIZE:	A3	E07	0
CHECKED:	A.S.M	SCALE:	1:150		
APPROVED:	JIM IRVING	DATE:	05/05/2014		

No	DATE	REVISION
0	05.05.2014	ISSUED FOR TENDER PURPOSE ONLY
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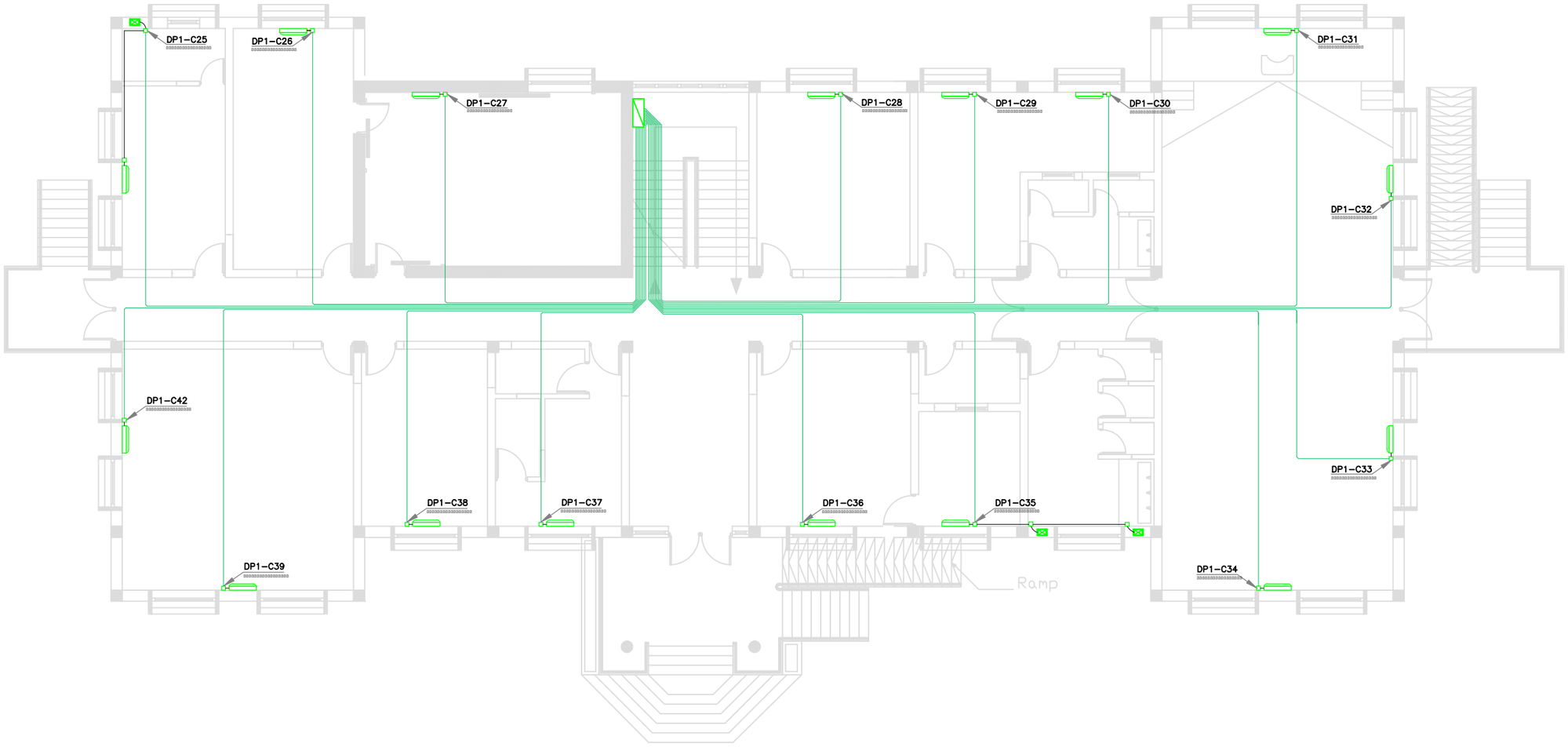
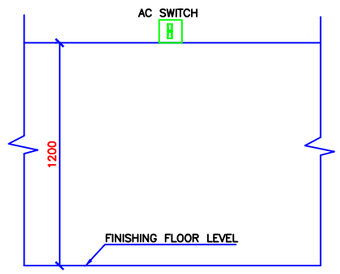


1 E08 AC SPLIT UNIT AND EXHAUST FAN PLAN
SCALE NTS

LEGENDS:

- 20 Amp DISCONNECTING SWITCH
- 18000 BTU AC SPLIT UNIT
- EXHAUST FAN
- MDP (MAIN DISTRIBUTION PANEL BOARD)
- ELECTRICAL WIRE



2 E08 AC SWITCH LEVEL
SCALE NTS

ISSUED FOR TENDER

BENEFICIARY	INDEPENDENT ELECTION COMMISSION (IEC)
DONOR	FROM THE PEOPLE OF JAPAN
IMPLEMENTOR	UNITED NATIONS DEVELOPMENT PROGRAM

PROJECT: IEC BADAKHSHAN PROVINCIAL COMPOUND OFFICE BUILDING

DRAWING TITLE: GROUND FLOOR AC SPLIT UNIT AND EXHAUST FAN PLAN

DESIGNED:	S.H. DANISH	PROJECT NO:	2013-28	DRAWING NO.	REV.
DRAWN:	S.H. DANISH	SHEET SIZE:	A3	E08	0
CHECKED:	A.S.M	SCALE:	1:150		
APPROVED:	JIM IRVING	DATE:	05/05/2014		

No	DATE	REVISION
0	05.05.2014	ISSUED FOR TENDER PURPOSE ONLY
1		
2		
3		

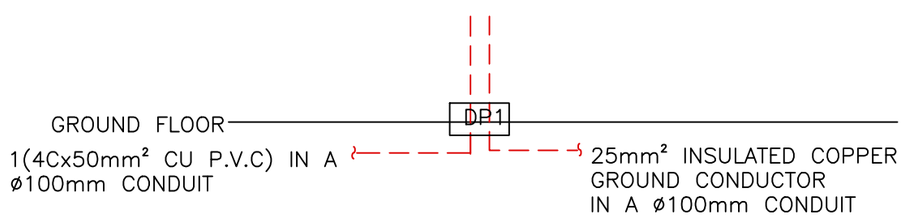
GROUND FLOOR POWER DISTRIBUTION PANEL BOARD

30KA ISC / 0.5 SEC		FEED : TOP
RECESSED MOUNTED NEMA ENCLOSURE	120 AMP MAIN BREAKER	
380Y / 220 VOLTS, 3 PHASE, 4 WIRE		MOUNTING : RECESSED
50Hz PANEL BOARD		LOCATION : WALL MOUNTED

WIRE & CONDUIT	GND WIRE	LOAD DESCRITPTION	A	B	C	AMP	POLE	CKT	A	B	C	CKT	POLE	AMP	A	B	C	LOAD DESCRITPTION	GND WIRE	WIRE & CONDUIT
2(1Cx2.5mm²) Ø 25mm	2.5mm²	LIGHTING	900			16	1	1				2	1	16	900			LIGHTING	2.5mm²	2(1Cx2.5mm²) Ø 25mm
2(1Cx2.5mm²) Ø 25mm	2.5mm²	LIGHTING		1100		16	1	3				4	1	16		800		LIGHTING	2.5mm²	2(1Cx2.5mm²) Ø 25mm
2(1Cx2.5mm²) Ø 25mm	2.5mm²	LIGHTING			800	16	1	5				6	1	16			900	LIGHTING	2.5mm²	2(1Cx2.5mm²) Ø 25mm
2(1Cx4mm²) Ø 25mm	4mm²	POWER RECEPTACLE	1100			20	1	7				8	1	20	650			POWER RECEPTACLE	4mm²	2(1Cx4mm²) Ø 25mm
2(1Cx4mm²) Ø 25mm	4mm²	POWER RECEPTACLE		1100		20	1	9				10	1	20		1350		POWER RECEPTACLE	4mm²	2(1Cx4mm²) Ø 25mm
2(1Cx4mm²) Ø 25mm	4mm²	POWER RECEPTACLE			1350	20	1	11				12	1	20			1550	POWER RECEPTACLE	4mm²	2(1Cx4mm²) Ø 25mm
2(1Cx4mm²) Ø 25mm	4mm²	POWER RECEPTACLE	650			20	1	13				14	1	20	1100			POWER RECEPTACLE	4mm²	2(1Cx4mm²) Ø 25mm
2(1Cx4mm²) Ø 25mm	4mm²	POWER RECEPTACLE		1100		20	1	15				16	1	25		1500		HEATER	6mm²	2(1Cx6mm²) Ø 25mm
2(1Cx6mm²) Ø 25mm	6mm²	BOILER			1500	25	1	17				18	1	20			450	POWER RECEPTACLE	4mm²	2(1Cx4mm²) Ø 25mm
2(1Cx4mm²) Ø 25mm	4mm²	POWER RECEPTACLE	1100			20	1	19				20	1	20	1350			POWER RECEPTACLE	4mm²	2(1Cx4mm²) Ø 25mm
2(1Cx4mm²) Ø 25mm	4mm²	POWER RECEPTACLE		900		20	1	21				22	1	20		1350		POWER RECEPTACLE	4mm²	2(1Cx4mm²) Ø 25mm
2(1Cx4mm²) Ø 25mm	4mm²	POWER RECEPTACLE			1100	20	1	23				24	1	20			1350	POWER RECEPTACLE	4mm²	2(1Cx4mm²) Ø 25mm
2(1Cx6mm²) Ø 25mm	6mm²	AC SPLIT UNIT	1500			25	1	25				26	1	25	1500			AC SPLIT UNIT	6mm²	2(1Cx6mm²) Ø 25mm
2(1Cx6mm²) Ø 25mm	6mm²	AC SPLIT UNIT		1500		25	1	27				28	1	25		1500		AC SPLIT UNIT	6mm²	2(1Cx6mm²) Ø 25mm
2(1Cx6mm²) Ø 25mm	6mm²	AC SPLIT UNIT			1500	25	1	29				30	1	25			1500	AC SPLIT UNIT	6mm²	2(1Cx6mm²) Ø 25mm
2(1Cx6mm²) Ø 25mm	6mm²	AC SPLIT UNIT	1500			25	1	31				32	1	25	1500			AC SPLIT UNIT	6mm²	2(1Cx6mm²) Ø 25mm
2(1Cx6mm²) Ø 25mm	6mm²	AC SPLIT UNIT		1500		25	1	33				34	1	25		1500		AC SPLIT UNIT	6mm²	2(1Cx6mm²) Ø 25mm
2(1Cx6mm²) Ø 25mm	6mm²	AC SPLIT UNIT			1500	25	1	35				36	1	25			1500	AC SPLIT UNIT	6mm²	2(1Cx6mm²) Ø 25mm
2(1Cx6mm²) Ø 25mm	6mm²	AC SPLIT UNIT	1500			25	1	37				38	1	25	1500			AC SPLIT UNIT	6mm²	2(1Cx6mm²) Ø 25mm
2(1Cx6mm²) Ø 25mm	6mm²	AC SPLIT UNIT		1500		25	1	39				40	1	25		—		SPARE	6mm²	2(1Cx6mm²) Ø 25mm
2(1Cx4mm²) Ø 25mm	4mm²	SPARE			—	20	1	41				42	1	25			1500	AC SPLIT UNIT	6mm²	2(1Cx6mm²) Ø 25mm
SUB - TOTAL			8250	8700	7750										8500	8000	8750	SUB - TOTAL		

	VA	AMP
Total Phase A	16750	76.13636364
Total Phase B	16700	75.90909091
Total Phase C	16500	75
Total Connected Load	49.95	KVA
Demond Factor		0.9
Demond Factor Load	44.955	KVA
25% Futur Load	11.239	KVA
Total Load	56.194	KVA
Total Ampere	86.987	AMP

1 E09 DP1 PANEL SCHEDULE
SCALE NTS



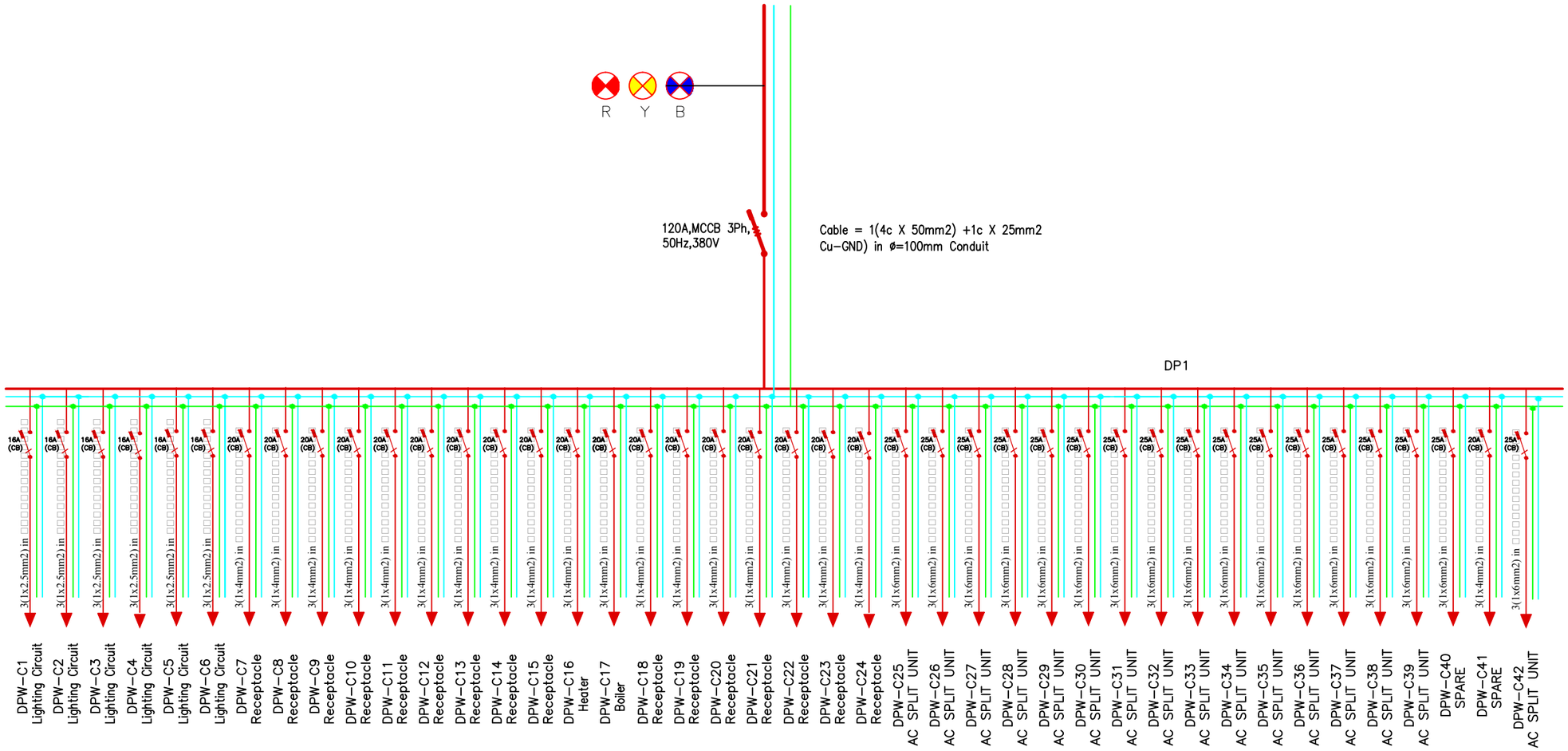
2 E09 POWER RISE DIAGRAM
SCALE NTS

ISSUED FOR TENDER

BENEFICIARY	INDEPENDENT ELECTION COMMISSION (IEC)
DONOR	FROM THE PEOPLE OF JAPAN
IMPLEMENTOR	UNITED NATIONS DEVELOPMENT PROGRAM
PROJECT:	IEC BADAKHSHAN PROVINCIAL COMPOUND OFFICE BUILDING
DRAWING TITLE:	DP1 PANEL SCHEDUEL

DESIGNED:	S.H. DANISH	PROJECT NO:	2013-28	DRAWING NO.	REV.
DRAWN:	S.H. DANISH	SHEET SIZE:	A3	E09	0
CHECKED:	A.S.M	SCALE:	1:150		
APPROVED:	JIM IRVING	DATE:	05/05/2014		

No	DATE	REVISION
0	05.05.2014	ISSUED FOR TENDER PURPOSE ONLY
1		
2		



1 / E-04 SINGLE LINE DIAGRAM (DPW)
Scale: 1:100

ISSUED FOR TENDER

BENEFICIARY	INDEPENDENT ELECTION COMMISSION (IEC)
DONOR	FROM THE PEOPLE OF JAPAN
IMPLEMENTOR	UNITED NATIONS DEVELOPMENT PROGRAM
PROJECT:	IEC BADAKHSHAN PROVINCIAL COMPOUND OFFICE BUILDING
DRAWING TITLE:	DP1 SINGLE LINE DIAGRAM

DESIGNED:	S.H. DANISH	PROJECT NO:	2013-28	DRAWING NO.	REV.
DRAWN:	S.H. DANISH	SHEET SIZE:	A3	E10	0
CHECKED:	A.S.M	SCALE:	1:100		
APPROVED:	JIM IRVING	DATE:	05/05/2014		

No	DATE	REVISION
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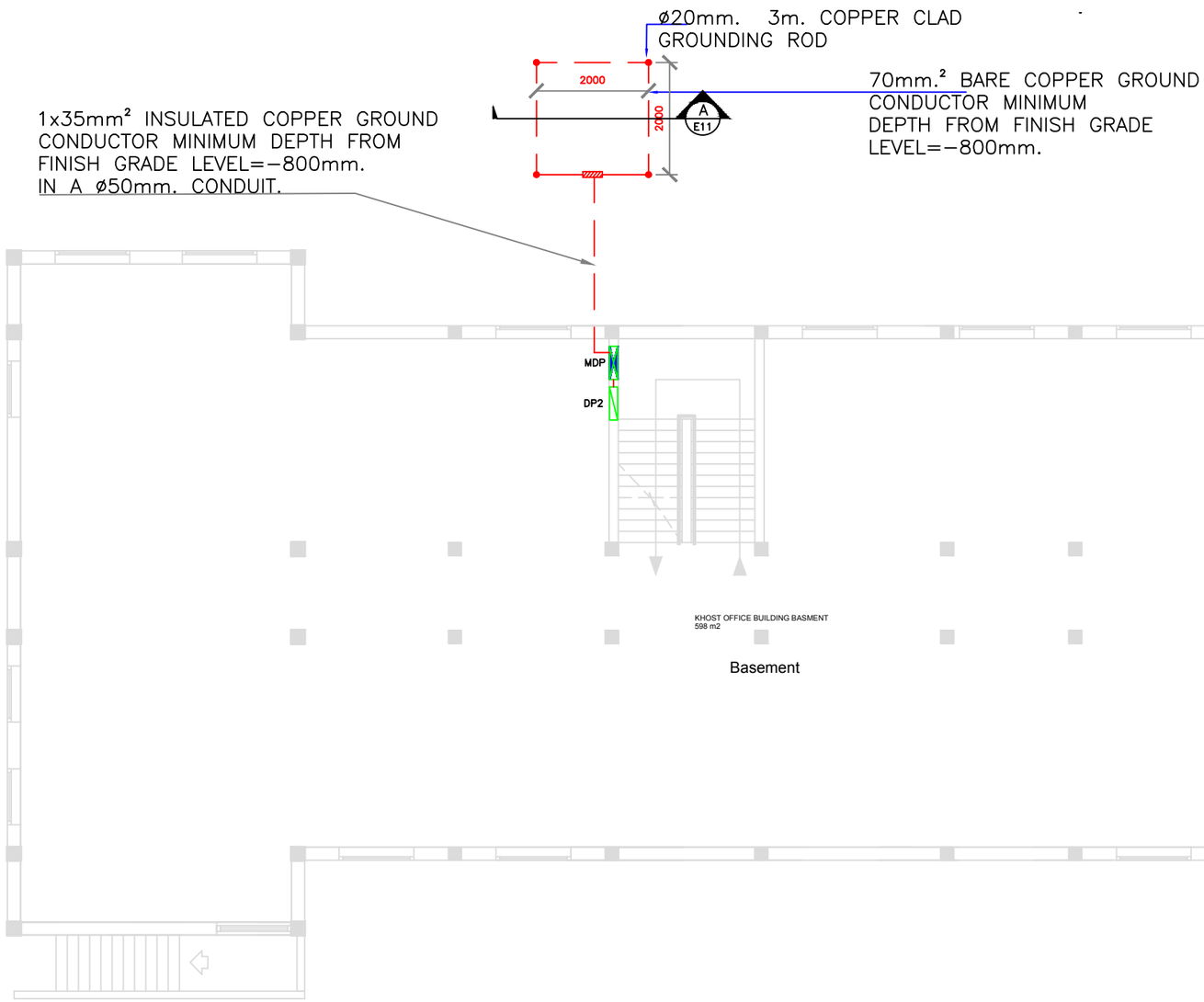
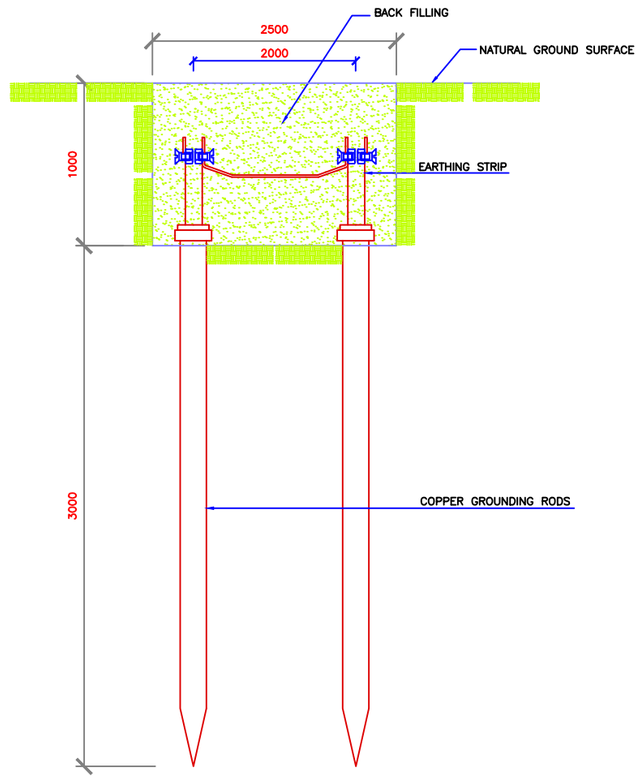
1		
2		
3		



1 E11 GROUNDING RING PLAN
SCALE NTS



A E11 SECTION
SCALE NTS

ISSUED FOR TENDER

BENEFICIARY	INDEPENDENT ELECTION COMMISSION (IEC)
DONOR	FROM THE PEOPLE OF JAPAN
IMPLEMENTOR	UNITED NATIONS DEVELOPMENT PROGRAM
PROJECT:	IEC BADAKHSHAN PROVINCIAL COMPOUND OFFICE BUILDING
DRAWING TITLE:	GROUNDING RING PLAN

DESIGNED:	S.H. DANISH	PROJECT NO:	2013-28	DRAWING NO.	REV.
DRAWN:	S.H. DANISH	SHEET SIZE:	A3	E11	0
CHECKED:	A.S.M	SCALE:	1:150		
APPROVED:	JIM IRVING	DATE:	05/05/2014		

No	DATE	REVISION
0	05.05.2014	ISSUED FOR TENDER PURPOSE ONLY
1		
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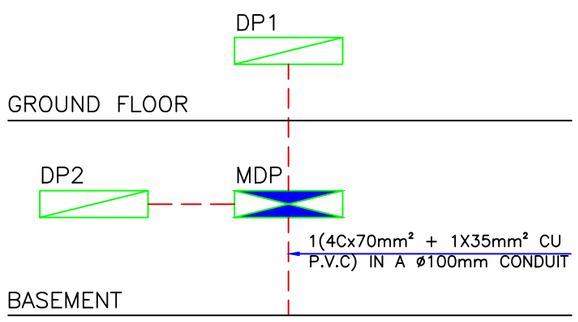
MAIN DISTRIBUTION PANEL BOARD

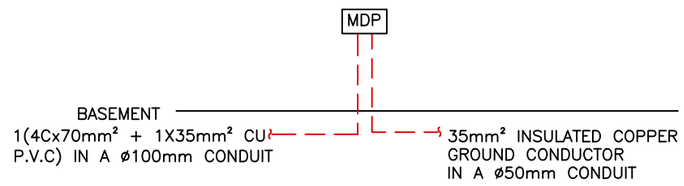
30KA ISC / 0.5 SEC		FEED : TOP
RECESSED MOUNTED NEMA ENCLOSURE	150 AMP MAIN BREAKER	
380Y / 220 VOLTS, 3 PHASE, 4 WIRE		MOUNTING : RECESSED
50Hz PANEL BOARD		LOCATION : WALL MOUNTED

WIRE & CONDUIT	GND WIRE	LOAD DESCRITPTION	A	B	C	AMP	POLE	CKT	A	B	C	CKT	POLE	AMP	A	B	C	LOAD DESCRITPTION	GND WIRE	WIRE & CONDUIT
1(4Cx50mm²) Ø 100mm	25mm²	DP1	16750			120	3	1				2	3	40	2400			DP2	8mm²	1(4Cx8mm²) Ø 100mm
				16700				3				4				2500				
					16500			5				6					2400			
1(4Cx8mm²) Ø 100mm	8mm²	DPW	3500			80	3	7				8	3	100	—			SPEAR	—	—
				3600				9				10				—				
					3550			11				12					—			
SUB - TOTAL			20250	20300	20050										2400	2500	2400	SUB - TOTAL		

	VA	AMP
Total Phase A	22650	102.9545455
Total Phase B	22800	103.6363636
Total Phase C	22450	102.0454545
Total Connected Load	67.9	KVA
Demond Factor		0.9
Demond Factor Load	61.11	KVA
25% Futur Load	15.2775	KVA
Total Load	76.3875	KVA
Total Ampere	118.2469	AMP

1 E12 MDP PANEL SCHEDULE
SCALE NTS





2 E12 POWER RISE DIAGRAM
SCALE NTS

ISSUED FOR TENDER

BENEFICIARY	INDEPENDENT ELECTION COMMISSION (IEC)
DONOR	FROM THE PEOPLE OF JAPAN
IMPLEMENTOR	UNITED NATIONS DEVELOPMENT PROGRAM

PROJECT: IEC BADAKHSHAN PROVINCIAL COMPOUND OFFICE BUILDING

DRAWING TITLE: MDP PANEL SCHEDULE

DESIGNED:	S.H. DANISH	PROJECT NO:	2013-28	DRAWING NO.	REV.
DRAWN:	S.H. DANISH	SHEET SIZE:	A3	E12	0
CHECKED:	A.S.M	SCALE:	1:200		
APPROVED:	JIM IRVING	DATE:	05/05/2014		

No	DATE	REVISION
0	05.05.2014	ISSUED FOR TENDER PURPOSE ONLY
1		
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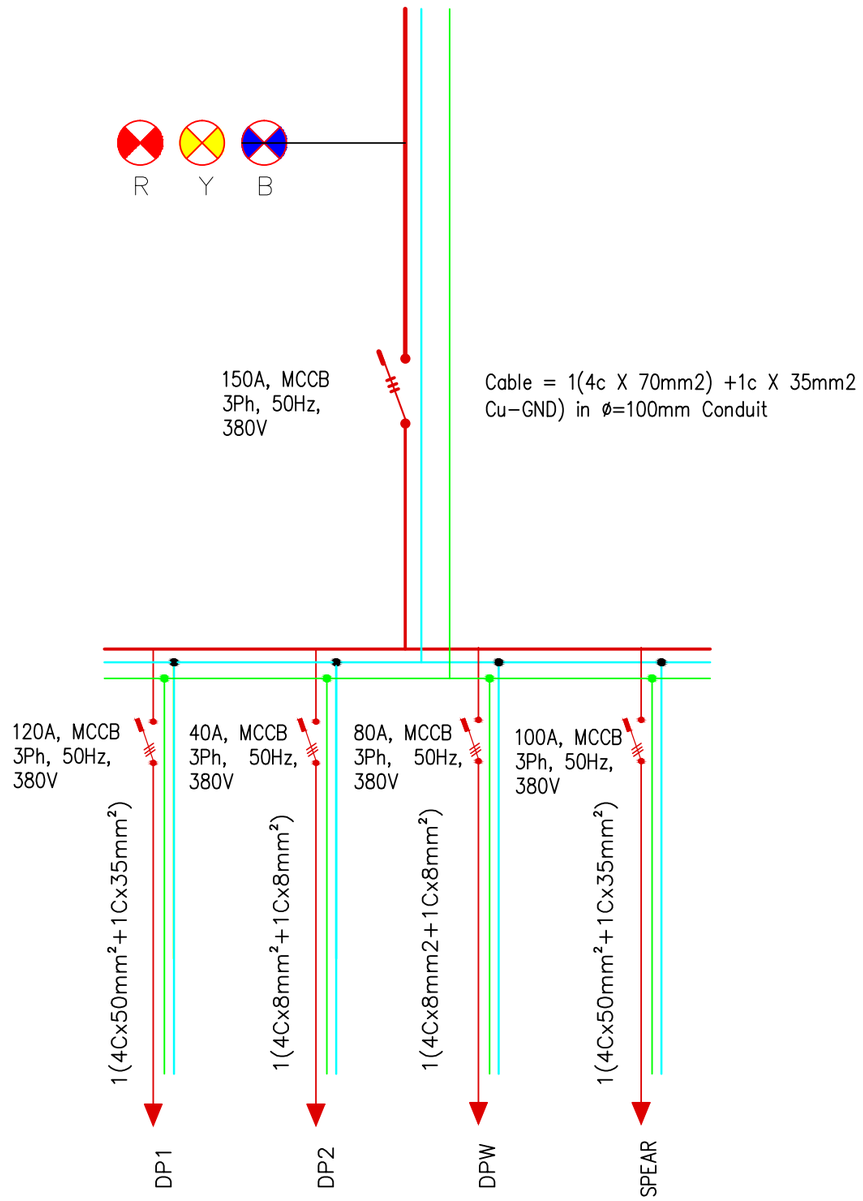

1 / E-13 SINGLE LINE DIAGRAM (MDP)
Scale: 1:75

ISSUED FOR TENDER

BENEFICIARY	INDEPENDENT ELECTION COMMISSION (IEC)
DONOR	FROM THE PEOPLE OF JAPAN
IMPLEMENTOR	UNITED NATIONS DEVELOPMENT PROGRAM
PROJECT:	IEC BADAKHSHAN PROVINCIAL COMPOUND OFFICE BUILDING
DRAWING TITLE:	(MDP) SINGLE LINE DIAGRAM

DESIGNED:	S.H. DANISH	PROJECT NO:	2013-28	DRAWING NO.	REV.
DRAWN:	S.H. DANISH	SHEET SIZE:	A3	E13	0
CHECKED:	A.S.M	SCALE:	1:75		
APPROVED:	JIM IRVING	DATE:	05/05/2014		

No	DATE	REVISION
0	05.05.2014	ISSUED FOR TENDER PURPOSE ONLY
1		
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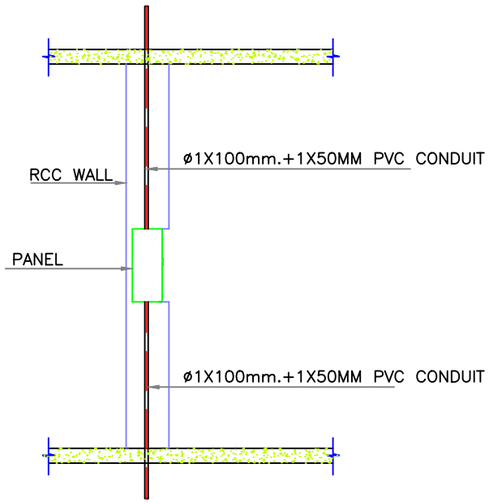
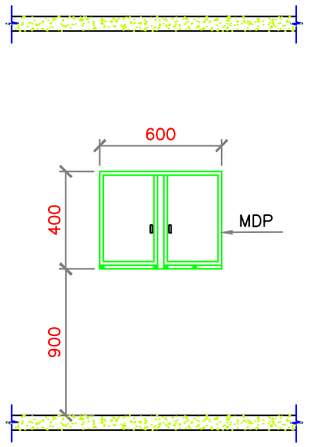
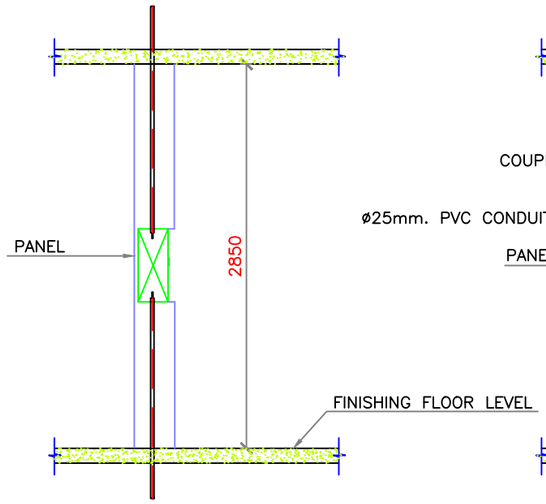


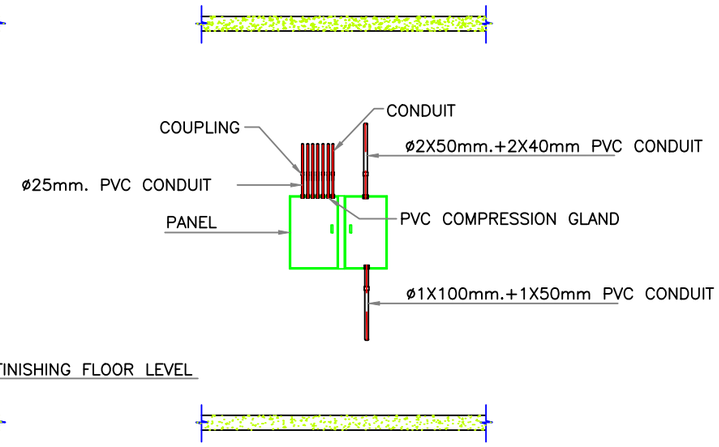
1 E14 SIDE VIEW OF MDP
SCALE NTS



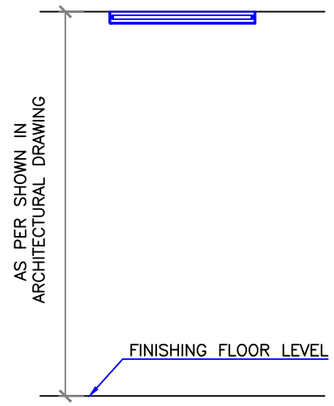
2 E14 FRONT VIEW OF MDP
SCALE NTS



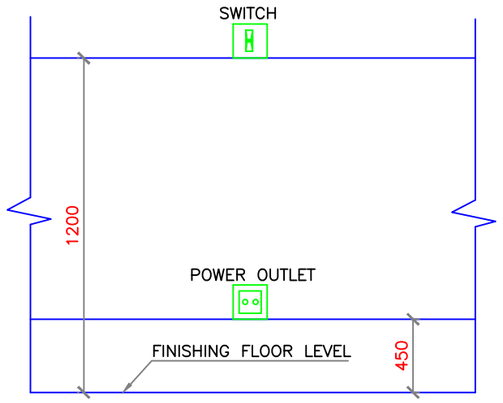
3 E14 SIDE VIEW OF MDP & DP
SCALE NTS



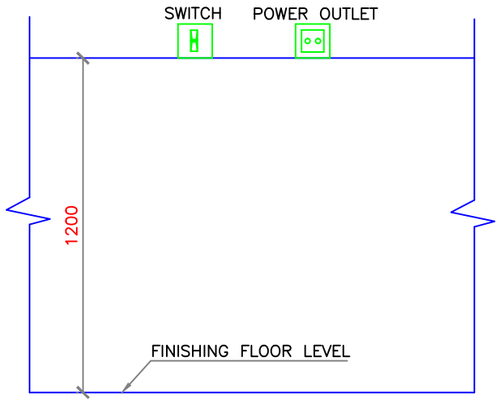
4 E14 FRONT VIEW OF MDP & DP
SCALE NTS



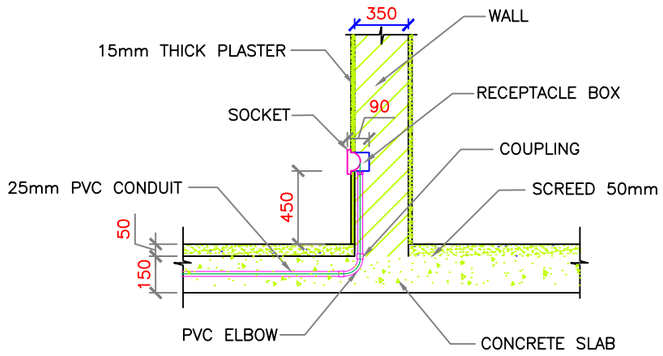
5 E14 FLUORESCENT LIGHT FIXTURE INSTALLATION DETAIL
SCALE NTS



6 E14 OUTLET & SWITCH LEVEL
SCALE NTS



7 E14 OUTLET & SWITCH LEVEL FOR TOILETS
SCALE NTS



8 E14 SECTION
SCALE: NTS

ISSUED FOR TENDER

BENEFICIARY	INDEPENDENT ELECTION COMMISSION (IEC)
DONOR	FROM THE PEOPLE OF JAPAN
IMPLEMENTOR	UNITED NATIONS DEVELOPMENT PROGRAM
PROJECT:	IEC BADAKHSHAN PROVINCIAL COMPOUND OFFICE BUILDING
DRAWING TITLE:	Badakhshan Electrical Installation Details

DESIGNED:	S.H. DANISH	PROJECT NO:	2013-28	DRAWING NO.	REV.
DRAWN:	S.H. DANISH	SHEET SIZE:	A3	E14	0
CHECKED:	A.S.M	SCALE:	1:100		
APPROVED:	JIM IRVING	DATE:	05/05/2014		

No	DATE	REVISION
0	ISSUED FOR TENDER PURPOSE ONLY	
1		
2		
3		

NOTES
- ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.
- DO NOT SCALE DRAWINGS.
- VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCEMENT OF WORK.
- ALL DRAWINGS SHALL BE READ IN CONJUNCTION WITH SPECIFICATIONS AND SCHEDULES.
- ALL WORK SHALL BE CARRIED OUT IN ACCORDANCE WITH LOCAL LAWS AND UNDP SPECIFICATIONS.
- ANY DISCREPANCIES SHALL BE REPORTED TO UNDP ENGINEERS.

RC WORKS

1. GENERAL

1.1) All structural key plans and details are to be read in conjuction with the relevant architectural drawings , specifications , bills of quantities and all other relevant documents. Discrepancies must be reported immediately to the Engineer.

1.2) The contractor shall work from figured dimensions only.

1.3) The contractor shall check and verify all dimensions on site before commencement of works and any discrepancies shall be reported to the Engineer before execution.

1.4) All concrete sizes and levels are for structural elements unless otherwise noted.

1.5) All openings for piping and conveyance shall be formed in position before the casting of concrete.

1.6) No holes or chases are permitted in the concrete members unless other than as detailed or unless approved by the engineer.

1.7) Construction joints shall be located to the approval of the Engineers.

1.8) Any damage caused to any civil / structural work shall be reinstated to its original condition with no cost implication to the client.

2. REINFORCEMEINT

2.1) Unless otherwise specified, all steel reinforcement bars and welded steel fabric reinforcements (WSFR) shall comply with the requirements of ACI.

2.2) 'ø' denotes mild steel of yield strength = 220 N/mm2.
'N' denotes minimum Ribbed detormed steel bars of yield strength = 420 N/mm2.

2.3) Concrete cover to outermost reinforcement , including links , shall be as follows :

Structural Elements	In contact with ground	Others
Slabs	50	25
Beams	75 (Top) 75 (Side & Bot.)	Top &Bottom cover 40mm for all beams
Columns	50	40
Footing	75	75

2.4) All reinforcement are to be firmly supported on approved chairs or concrete blocks generally at not greater than 750mm centres both ways. Where longitudinal reinforcement are placed in 2 layers or more, spacer bars of 25mm diameter or the diameter of the longitudinal, whichever is larger, are to be provided at 1500mm intervals to separate the layers.

2.5) Welding of reinforcement will not be permitted without the approval of the Engineer.

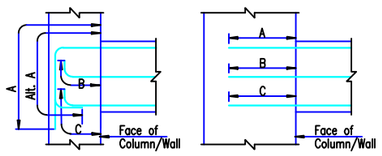
2.6) All Bars shall be cut and bent to conform to IBC, ACI

Unless otherwise shown in the drawings, the minimun lap length for reinforcement in concrete G25 shall be provided as tabulated :

Bar size	6	10	12	16	18	20	
N = high yield steel	–	610	733	1000	1099	1222	
ø = mild steel	366	–	–	–	–	–	–

All bars at the ends of the beams where the beam is no more continuous shall be anchored either straight or bent (depending on the width of the support) as shown below. These shall not be used in cantilevered beams or slabs. The actual design drawing shall be strictly adhere to.

Bar Size (mm)	A	B	C
N32	1100	–	900
N25	850	–	700
N20	700	–	550
N16	550	450	450
N12	400	400	400
N10	–	300	–



A : Top bars B : Anti-crack bars C : Bottom bars

2.6) Crack control bars are to be provided up to 2/3 of beam in tension zone when beam depth greater than or equal to 750mm , unless otherwise shown. (Refer relevant drawings for bar size / spacing.)

3. CONCRETE

3.1) All the concrete types specified here in are designated concrete as per ACI-318

G-25 -Grade 25 with 28 day cube character strength of 250 Kg/cm^2
G-15 -Grade 15 with 28 day cube character strength of 150 Kg/cm^2

3.2) Unless otherwise specified , all reinforced concrete mix to be of grade 25 and all mass concrete to be of grade 25.

3.3) Unless otherwise specified , a layer of 50mm thick grade 15 concrete to be provided below all reinforced concrete structures in contact with the ground.

3.4) Unless otherwise specified , all lean concrete mix to be of grade 15.

3.5) All concrete strengths are 28 days cube strength.

STRUCTURAL STEELWORK

1.) Contractor shall submit shop drawings for approval prior to fabrication.

2.) Erection and fabrication of structural steelworks shall in general be carried out in accordance with ACI2003, IBC,

3.) Unless otherwise specified all bolts shall be black bolts.

4.) All bolts and nuts shall comply with AISC

5.) The length of hold down bolts indicated on the respective drawings refer to the penetration depth only.

6.) The use of high strength friction grip bolts and associated nuts and washers shall comply with AISC and shall be in accordance with AISC.

7.) All metal arc welding shall be done in accordance with AISC Electrodes used shall comply with AISC.

8.) Unless otherwise specified , all open ends of hollow sections are to be covered with 6mm thick mild steel plate welded all round.

9.) Ends of Columns, rafters and all plate edges shall be cut clean and square to ensure good fit between components.

10.) All fillet welds are to be 6mm thick continuous unless otherwise specified.

11.) All base plates shall be set on 25mm minimun high strength non-shrink grout.

12.) All dirt, grit, oil, rust and mill scales are to be removed before any coat of paint can be applied.

13.) All structural steelwork shall be sand blasted, painted with 1 coat of an approved rust-inhibitive primer, 1 coat of an approved undercoat and 2 finishing coats of approved epoxy paint.

14.) Consideration shall be given to the stability and safety of steel framework during erection. The contractor shall ensure that the structure is not subject to excessive deflection or stress during erection.

15.) Structural steel members which are to be encased in concrete shall be left unpainted and shall be clean and free from loose rust and scales at the time of concreting.

16.) All galvanised structural steelwork shall be hot-dipped galvanised with a minimum coating mass of 450 gm/m2. The galvanised coating on all steel members shall conform to the requirement of AISC.

17.) All other precautions for cleaning and rust preventions of structural steel as mentioned in specifications and/or Architectural drawing shall be done as deemed necessary by the Engineer.

DESIGN BRIEF

1- Design Standards and Codes
- IBC 2006 &IBC 2003- International Building Code
- AC1 318M-02 Building Code requirements for Structural Concrete
- ACI318-08 The Building Code Requirements for Structural Concrete
- ASCE 7 Minimum Design Loads for Buildings and Other Structures
- ACI 315-99 Details and Detailing of Concrete Reinforcement

2- General Loads

Material Density	
Concrete	25kN/m3
Mass concrete	25kN/m3
Brick Masonary	20.4kN/m3
CMU Wall	22.8kN/m3
Mortar/Plaster	20.4kN/m3
Floor Finish	19kN/m3
Ceramic Tiles	23.6kN/m3
Roof Cladding	23.6kN/m3
Timber	7kN/m3

Dead Loads	
CMU Wall-400mm	8.8kN/m2
CMU Wall-200mm	4.4kN/m2
Brick Masonary-250mm	5.1kN/m2
Brick Masonary-150mm	3.06kN/m2
Snow Load	1kN/m2

Imposed Loads	IBC 2006 Table 1607.1
Offices	1.92kN/m2
Roof	0.96kN/m2

Eartquake Factors	
Importance Factor	1.25(Table 1604.6 IBC 2006
Site geology and soil type	D
The mapped spectral accerations for short period	Ss= 1.28
The mapped spectral accerations for 1-Sec	S1= 0.51
Site coefficients	Fa= 1.048g(Table 1613.5.3-1)
Site coefficients	Fv= 1.5g(Table 1613.5.3-2)
Structural Behavior Factor R	8 (Both Direction)

Wind Loading	
Imposed Load	0.96kN/m2-IBC2006
Snow Load	1kN/m2-Kabul hydrology department
Wind load equation	(ASCE 05 7 6-2)
Importance Factor I	1 (ASCE 05 7 13.1.3)
Lamda	1.78 Figure 6-2 ASCE 7 05
Topografic Factor Kzt	1 figure 6-3 ASCE 7 05
wind pressure for exposure	55 Kg/m2 Hydrology department

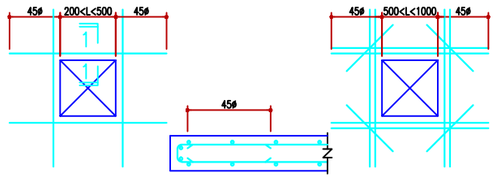
STANDARD TRIMMING DETAILS FOR STRUCTURAL OPENING

1.) Diameter of trimmer bars shall be similar to bigger reinforcing bars of the structure through which the opening is formed.

2.) No trimmer bars are required for openings not greater than 200mm wide , but no reinforcing bars shall be cut , reinforcing bars shall be adjusted in position to avoid openings.

3.) Unless otherwise shown in the drawings , trimming bars details for the different size openings are as shown :

(a) 200mm<max. dimension of opening (L)<500mm (b) 500mm<max. dimension of opening (L)<1000mm



1 – 1

Notes on replacement bars :
a) Trimmer bars shall be not less than the Nos. of bars cut by opening.
b) Minimum 2 Nos each and bar diameter (ø) shall be equal to the greatest diameter of the bars cut by the opening but not less than 2N12 top & bottom.
c) Both perpendicular and diagonal trimmimg bars shall be provided as shown above and on each face of the structure.

NOTATIONS

EGL – Existing Ground Level
GFL – Ground Floor Level
FFL – Finish Floor Level
B/W – Both Ways
B – Bottom (B1 Bottom Layer 1)
(B2 Bottom Layer 2)
T – Top (T1 Top Layer 1)
(T2 Top Layer 2)
C/C – Center to center
N20-25-100T High Yield Steel 20mm Diameter Bar Mark 25 at 100mm Centers on Top

B1001 200X750
- Depth of beam
- Width of beam
- Beam ID

N10/100 L
- Length of bar
- c/c Distance between bars
- Bar Size
- Type of steel

2ø10/130 L
- Length of link
- c/c Distance between links
- Link Diameter
- No of closed links in a link group

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BENEFICIARY	INDEPENDENT ELECTION COMMISSION (IEC)
DONOR	FROM THE PEOPLE OF JAPAN
IMPLEMENTOR	UNITED NATIONS DEVELOPMENT PROGRAM

PROJECT: IEC BADAKHSHAN PROVINCIAL COMPOUND OFFICE BUILDING

DRAWING TITLE: GENERAL NOTES

DESIGNED:	AH.KHALID	PROJECT NO:	2013-28	DRAWING NO.	REV.
DRAWN:	AH.KHALID	SHEET SIZE:	A3	SC00	0
CHECKED:	A.S.M	SCALE:	1:1		
APPROVED:	JIM IRVING	DATE:	05.11.2014		

No	DATE	REVISION
0	ISSUED FOR TENDER PURPOSE ONLY	
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3		

NOTES

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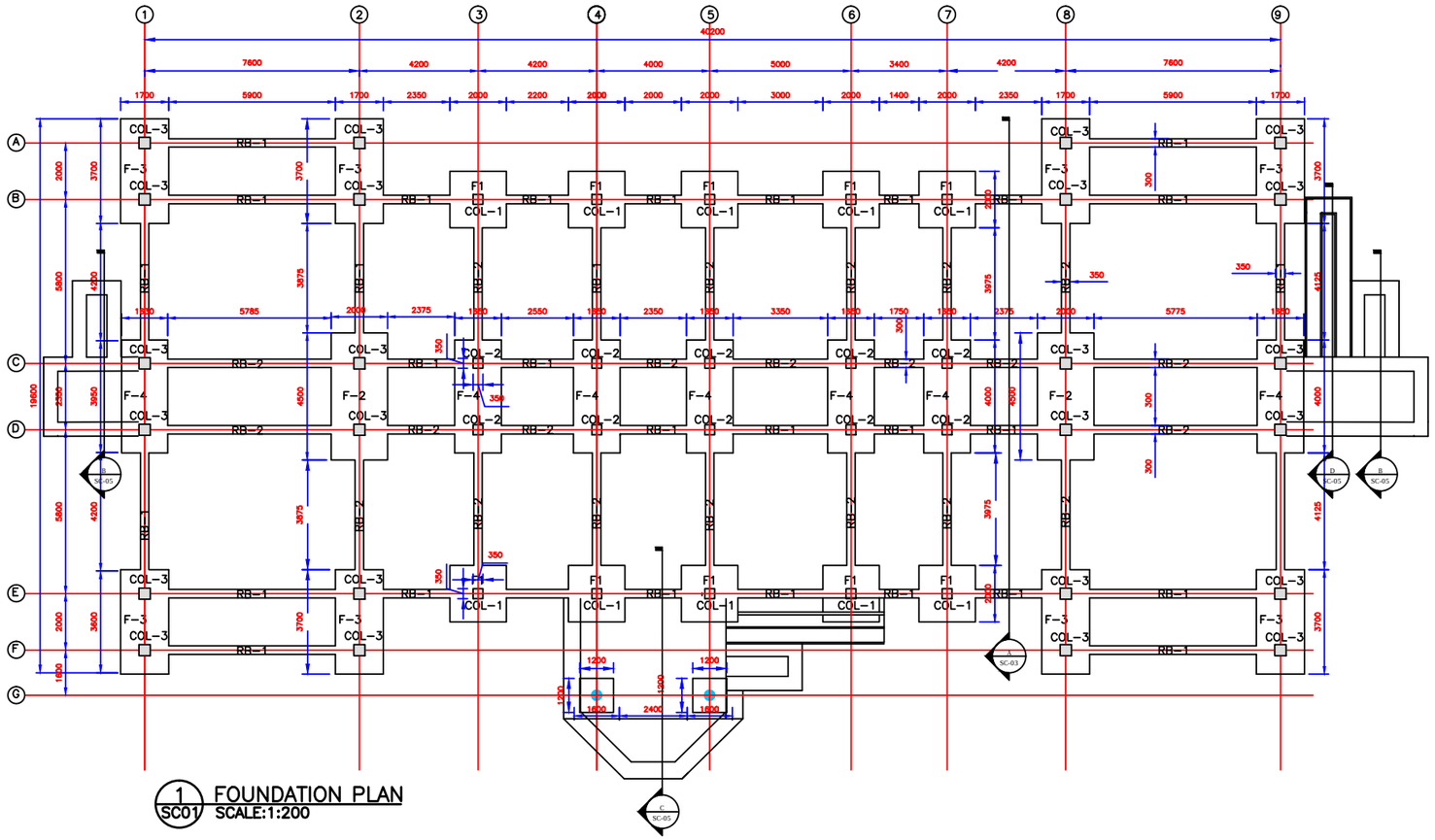

1 SC01 FOUNDATION PLAN
SCALE:1:200

ISSUED FOR TENDER

BENEFICIARY	INDEPENDENT ELECTION COMMISSION (IEC)
DONOR	FROM THE PEOPLE OF JAPAN
IMPLEMENTOR	UNITED NATIONS DEVELOPMENT PROGRAM
PROJECT: IEC BADAKHSHAN PROVINCIAL COMPOUND OFFICE BUILDING	
DRAWING TITLE: FOUNDATION PLAN	

				DRAWING NO.	REV.
DESIGNED:	AH.KHALID	PROJECT NO:	2013-28	SC01	0
DRAWN:	GH.SARWAR	SHEET SIZE:	A3		
CHECKED:	A.S.M	SCALE:	1:200		
APPROVED:	JIM IRVING	DATE:	05.11.2014		

No	DATE	REVISION
0	15.05.2013	ISSUED FOR TENDER PURPOSE ONLY
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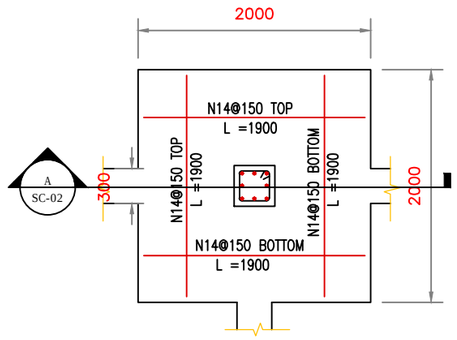

1 SC02 FOUNDATION PLAN F–1
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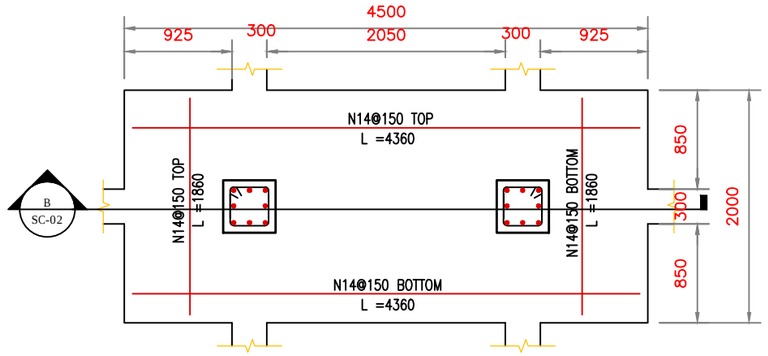

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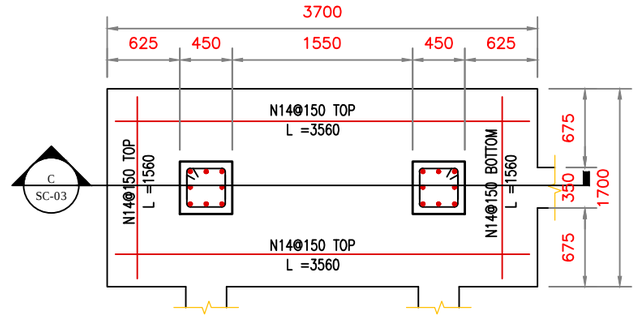

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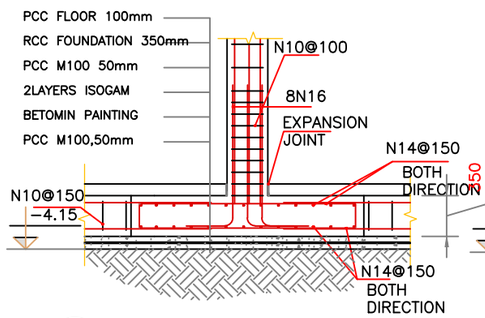

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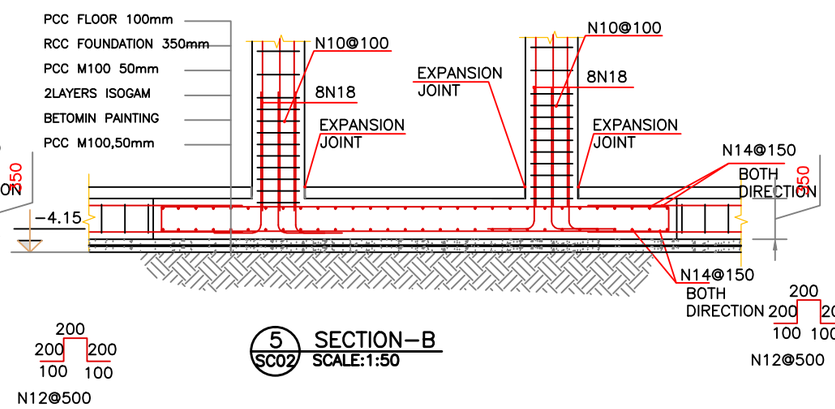

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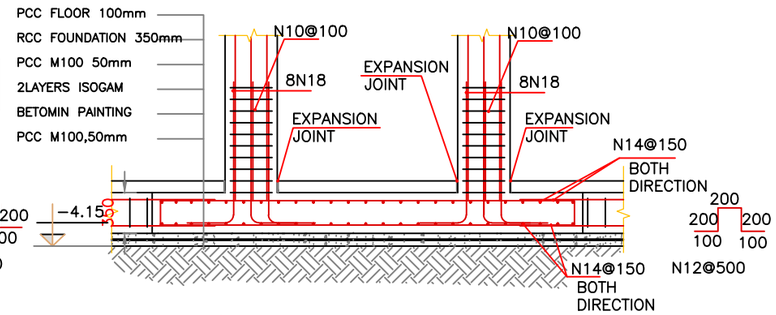

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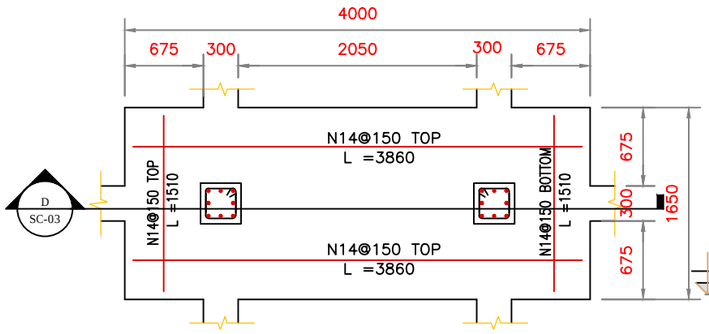

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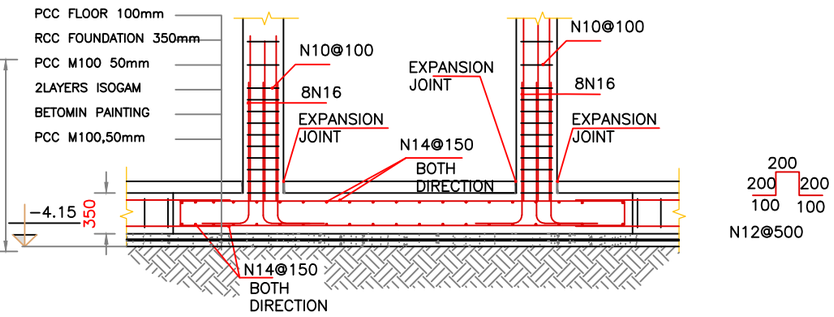

8 SC02 SECTION–D
SCALE:1:50

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BENEFICIARY	INDEPENDENT ELECTION COMMISSION (IEC)
DONOR	FROM THE PEOPLE OF JAPAN
IMPLEMENTOR	UNITED NATIONS DEVELOPMENT PROGRAM

PROJECT: IEC BADAKHSHAN PROVINCIAL COMPOUND OFFICE BUILDING

DRAWING TITLE: FOUNDATION PLAN & SECTIONS

DESIGNED:	AH.KHALID	PROJECT NO:	2013-28	DRAWING NO.	REV.
DRAWN:	GH.SARWAR	SHEET SIZE:	A3	SC02	0
CHECKED:	A.S.M	SCALE:	1:50		
APPROVED:	JIM IRVING	DATE:	05.11.2014		

No	DATE	REVISION
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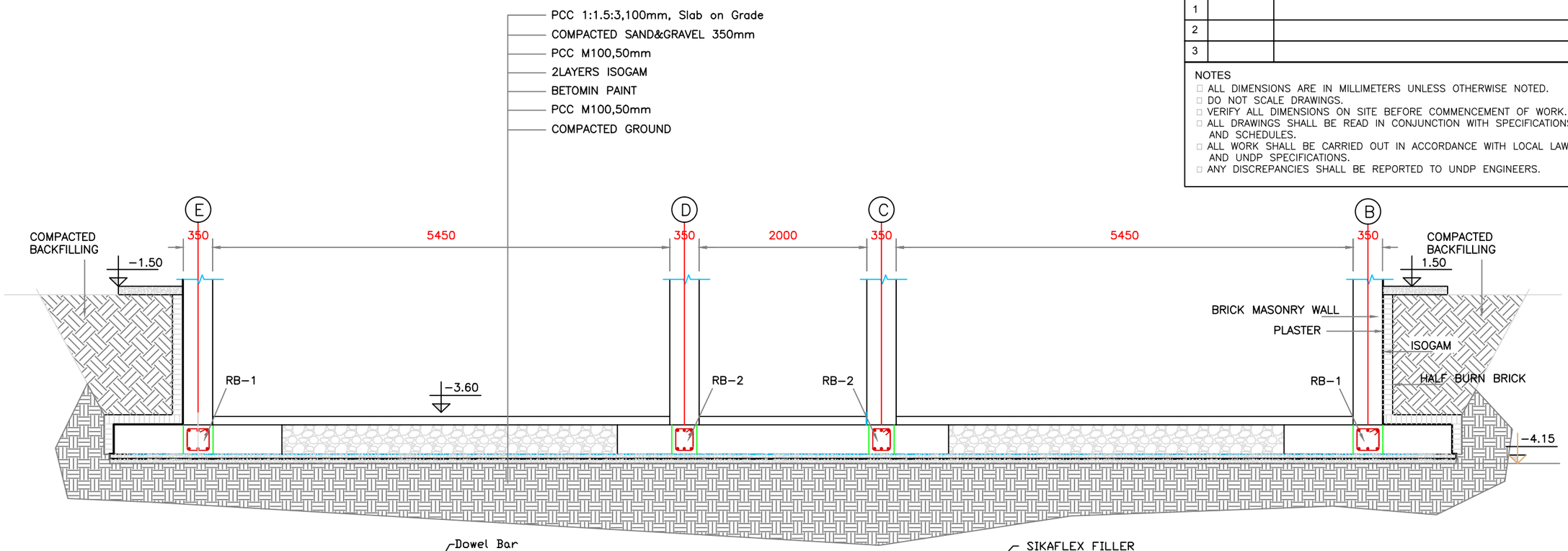

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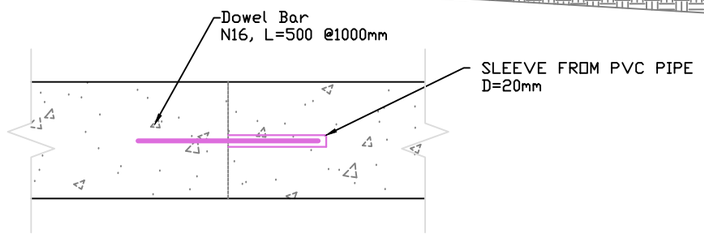

2 SC03 Typical Construction Joint
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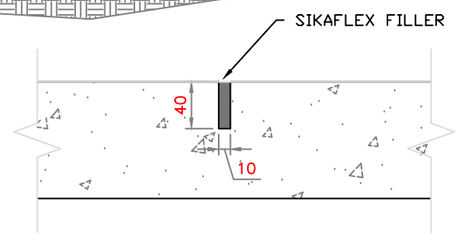
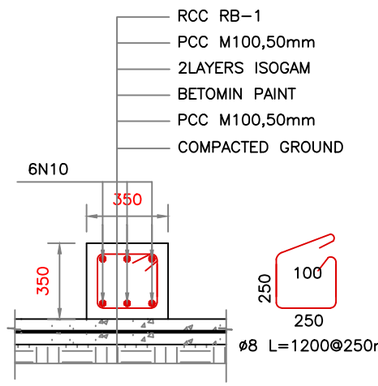


3 SC03 Typical Expansion Joint
SCALE: 1:5

Notes
1-EXPANSION JOINT FOR SLAB ON GRADE SHALL BE PROVIDED EVERY MAXIMUM 5000 MM.

2-EXPANSION JOINT SHALL ALSO BE PROVIDED TO ISOLATE AND SEPARATE SLAB FROM OTHER PARTS OF STRUCTURE, WALLS AND COLUMNS

3-EXPANSION JOINT SHALL BE FILLED WITH SIKAFLEX FILLERS AS PER DETAIL PROVIDED



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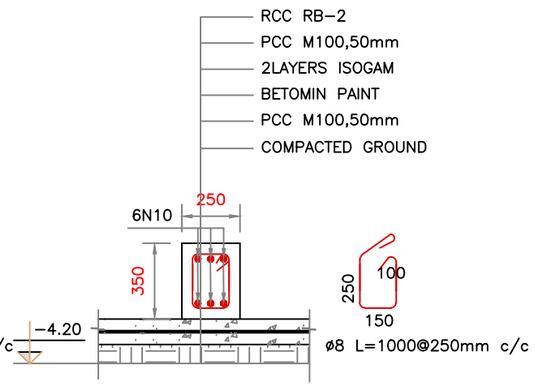

5 SC03 RB-2
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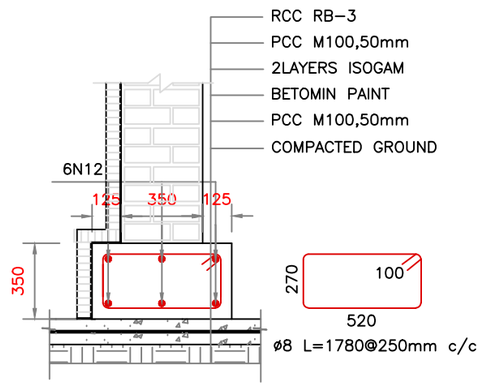

6 SC03 RB-3
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BENEFICIARY	INDEPENDENT ELECTION COMMISSION (IEC)
DONOR	FROM THE PEOPLE OF JAPAN
IMPLEMENTOR	UNITED NATIONS DEVELOPMENT PROGRAM
PROJECT: IEC BADAKHSHAN PROVINCIAL COMPOUND OFFICE BUILDING	
DRAWING TITLE:	SECTION-A

DESIGNED:	AH.KHALID	PROJECT NO:	2013-28	DRAWING NO.	REV.
DRAWN:	GH.SARWAR	SHEET SIZE:	A3	SC03	0
CHECKED:	A.S.M	SCALE:	1:50		
APPROVED:	JIM IRVING	DATE:	05.11.2014		

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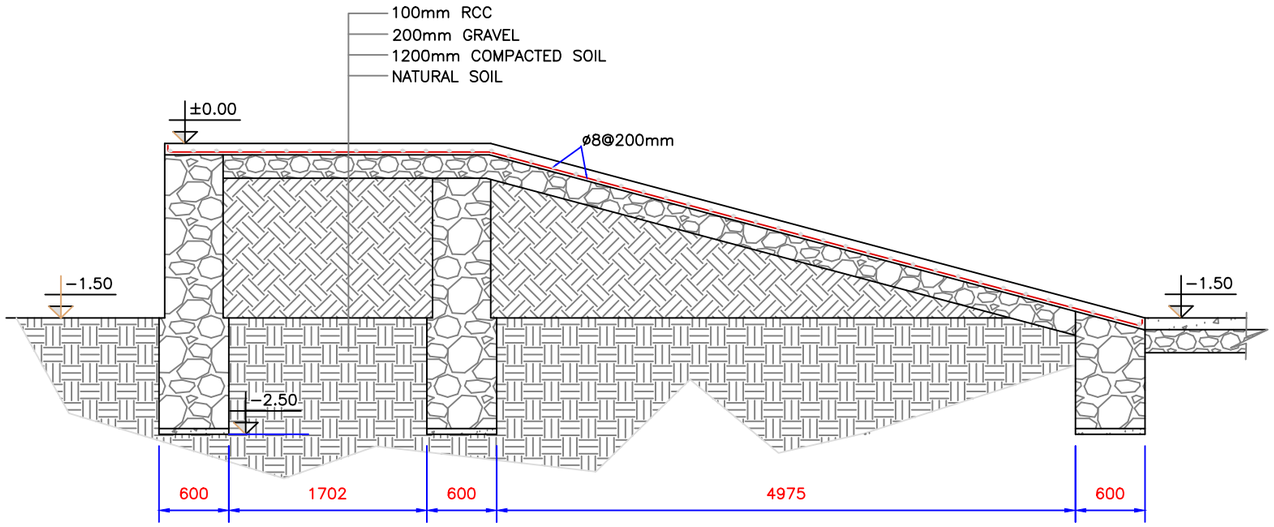

1 SC01 SECTION–D
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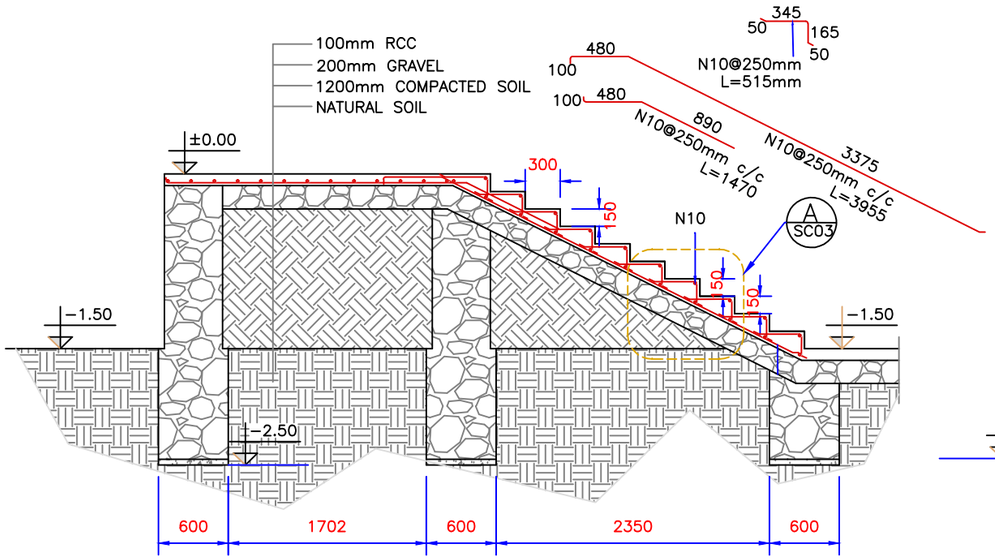
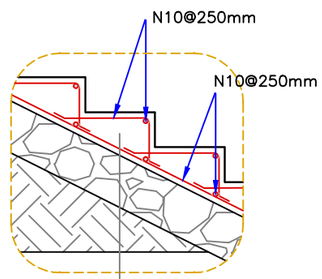
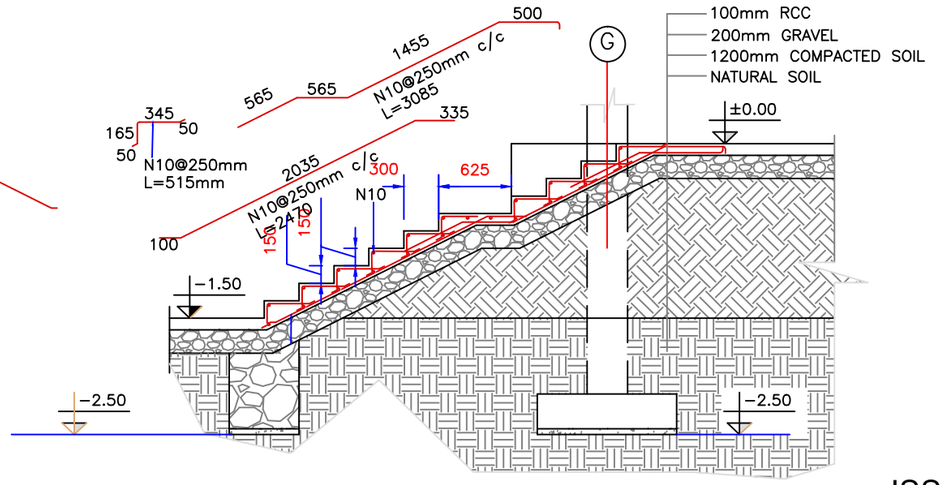


2 SC01 SECTION–B
SCALE:1:50



1 SC03 DETAIL–A
SCALE:1:25

RCC STAIR
200mm bolder and gravel
COMPACTED SOIL



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BENEFICIARY	INDEPENDENT ELECTION COMMISSION (IEC)			
DONOR	FROM THE PEOPLE OF JAPAN			
IMPLEMENTOR	UNITED NATIONS DEVELOPMENT PROGRAM			
PROJECT: IEC BADAKHSHAN PROVINCIAL COMPOUND OFFICE BUILDING				
DRAWING TITLE: STAIRS AND RAMP SECTIONS				
DESIGNED: A.S.M	PROJECT NO: 2013-28	DRAWING NO.	REV.	
DRAWN: GH.SARWAR	SHEET SIZE: A3	SC04	0	
CHECKED: A.S.M	SCALE: 1:50			
APPROVED: JIM IRVING	DATE: 05.11.2014			

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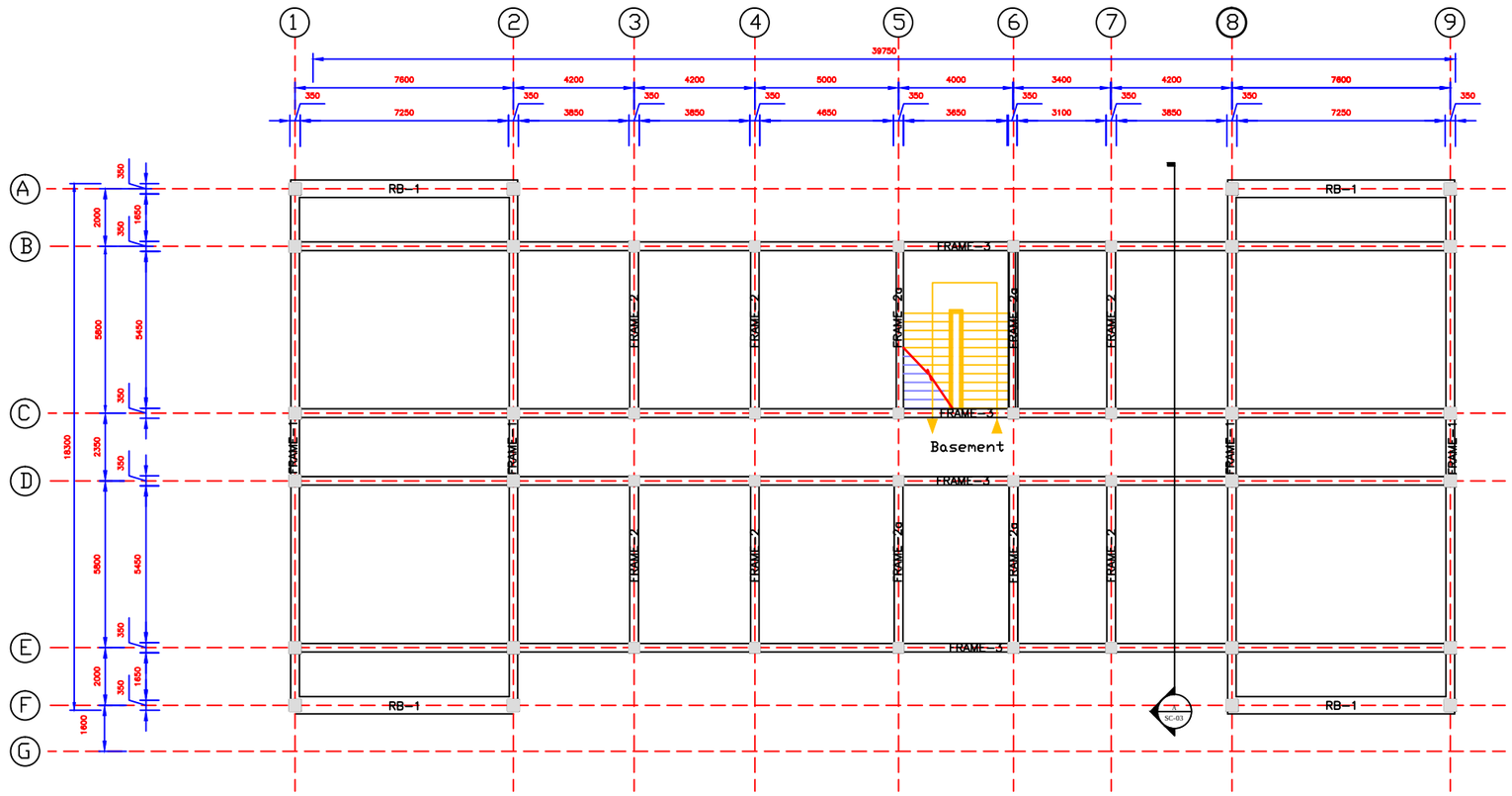

1 SC05 Basement Floor RB Plan
SCALE: 1:200

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BENEFICIARY	INDEPENDENT ELECTION COMMISSION (IEC)
DONOR	FROM THE PEOPLE OF JAPAN
IMPLEMENTOR	UNITED NATIONS DEVELOPMENT PROGRAM

PROJECT: IEC BADAKHSHAN PROVINCIAL COMPOUND OFFICE BUILDING

DRAWING TITLE: BASEMENT FLOOR PLAN

DESIGNED:	AH.KHALID	PROJECT NO:	2013-28	DRAWING NO.	REV.
DRAWN:	GH.SARWAR	SHEET SIZE:	A3	SC05	0
CHECKED:	A.S.M	SCALE:	1:200		
APPROVED:	JIM IRVING	DATE:	05.11.2014		

No	DATE	REVISION
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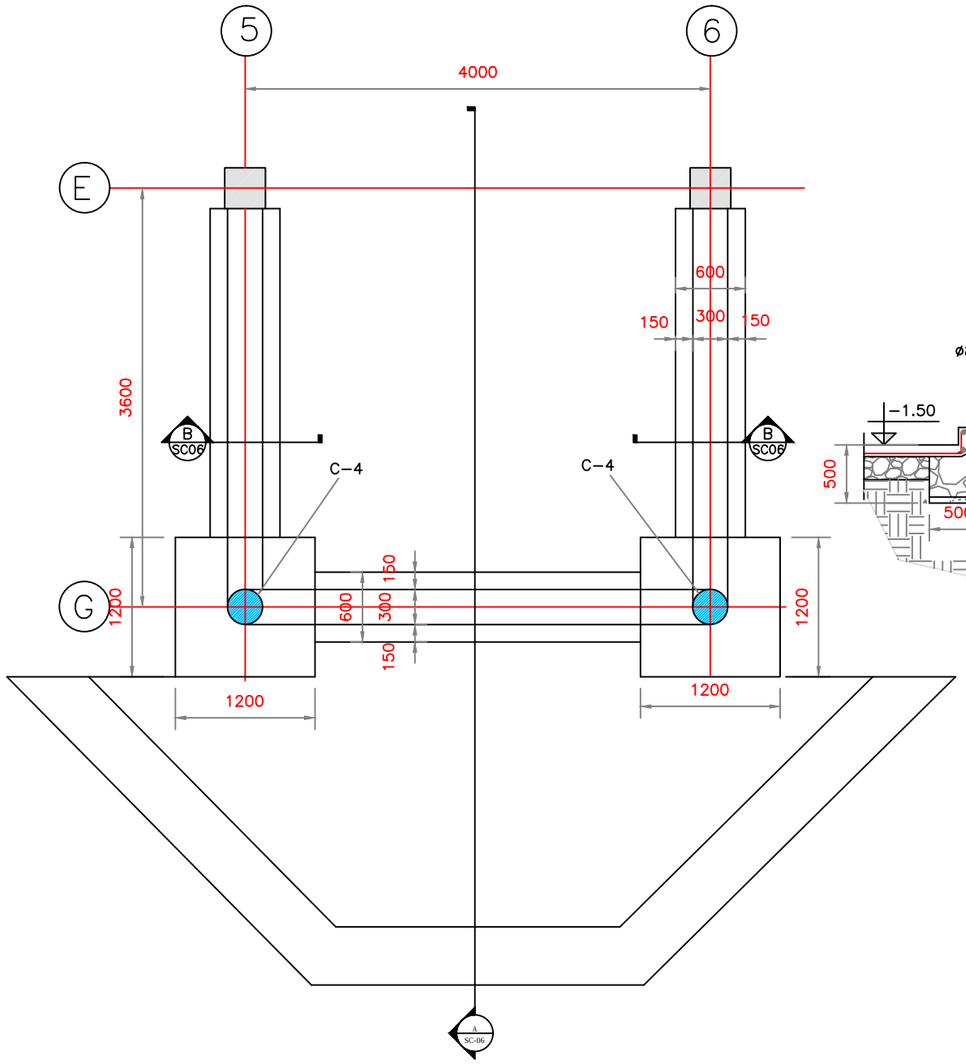
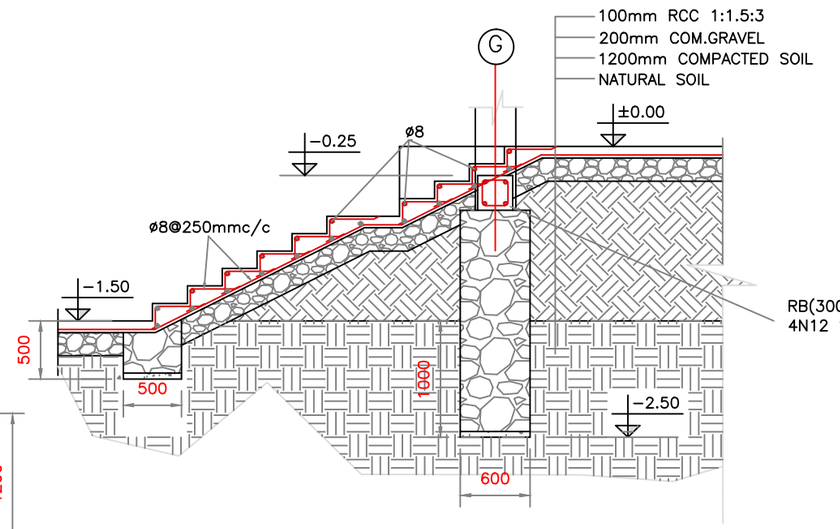


1 SC06 ENTRANCE FOUNDATION PLAN
SCALE:1:50



2 SC06 SECTION-A
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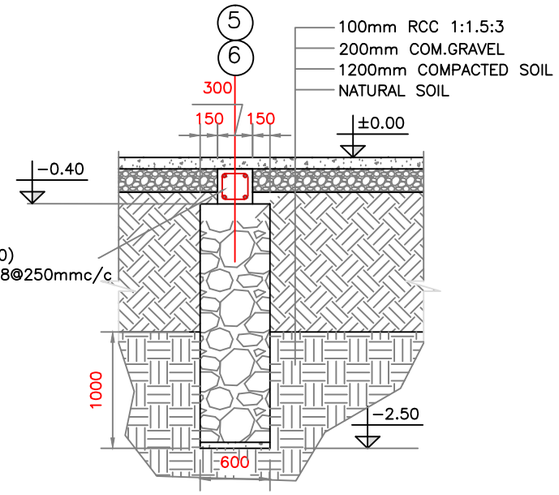

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SCALE:1:50

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BENEFICIARY	INDEPENDENT ELECTION COMMISSION (IEC)
DONOR	FROM THE PEOPLE OF JAPAN
IMPLEMENTOR	UNITED NATIONS DEVELOPMENT PROGRAM
PROJECT:	IEC BADAKHSHAN PROVINCIAL COMPOUND OFFICE BUILDING
DRAWING TITLE:	ENTRANCE FOUNDATION PLAN AND SECTION

DESIGNED:	AH.KHALID	PROJECT NO:	2013-28	DRAWING NO.	REV.
DRAWN:	GH.SARWAR	SHEET SIZE:	A3	SC06	0
CHECKED:	A.S.M	SCALE:	1:50		
APPROVED:	JIM IRVING	DATE:	05.11.2014		

No	DATE	REVISION
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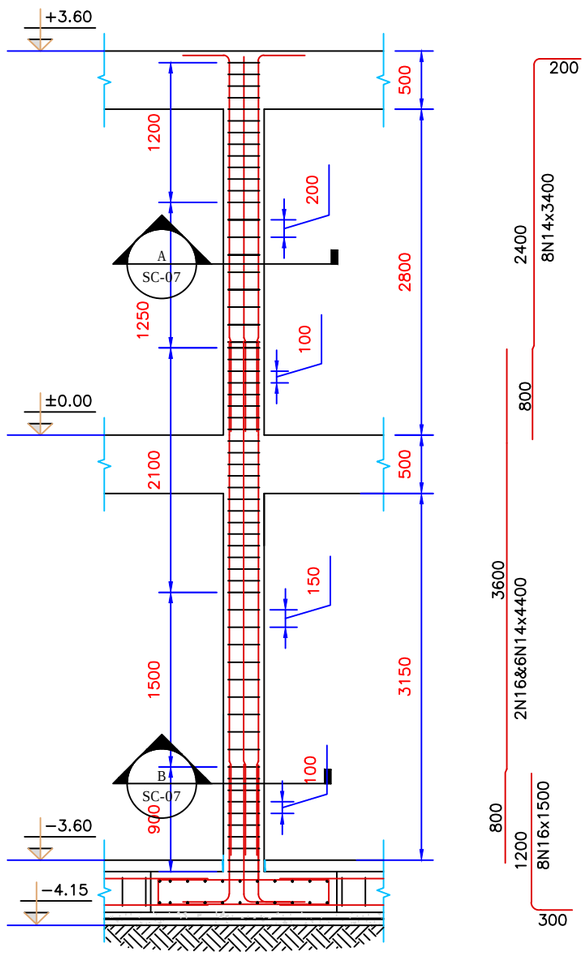

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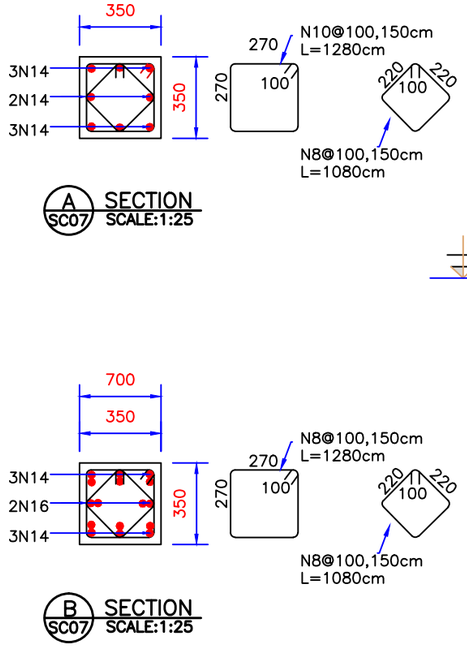

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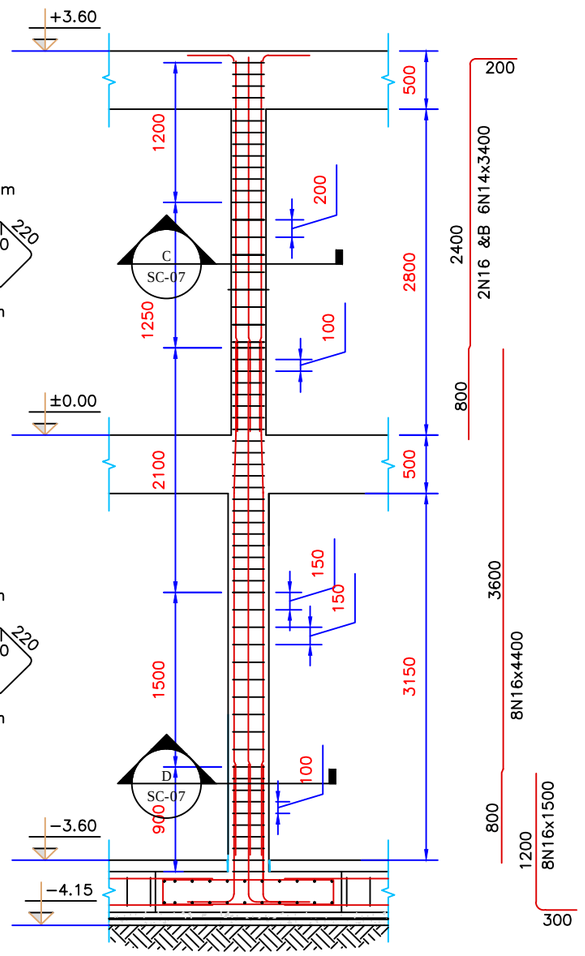
B SC07 SECTION SCALE:1:25



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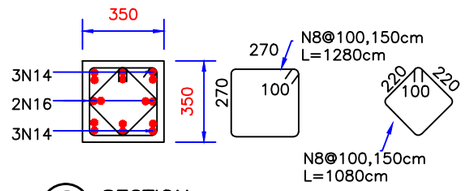

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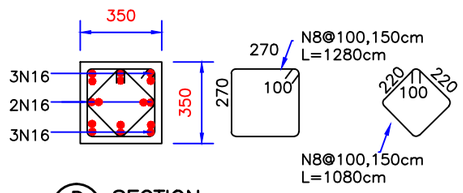

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BENEFICIARY	INDEPENDENT ELECTION COMMISSION (IEC)
DONOR	FROM THE PEOPLE OF JAPAN
IMPLEMENTOR	UNITED NATIONS DEVELOPMENT PROGRAM

PROJECT: IEC BADAKHSHAN PROVINCIAL COMPOUND OFFICE BUILDING

DRAWING TITLE: COLUMN 1 & 2

DESIGNED:	AH.KHALID	PROJECT NO:	2013-28	DRAWING NO.	REV.
DRAWN:	GH.SARWAR	SHEET SIZE:	A3	SC07	0
CHECKED:	A.S.M	SCALE:	1:50		
APPROVED:	JIM IRVING	DATE:	05.11.2014		

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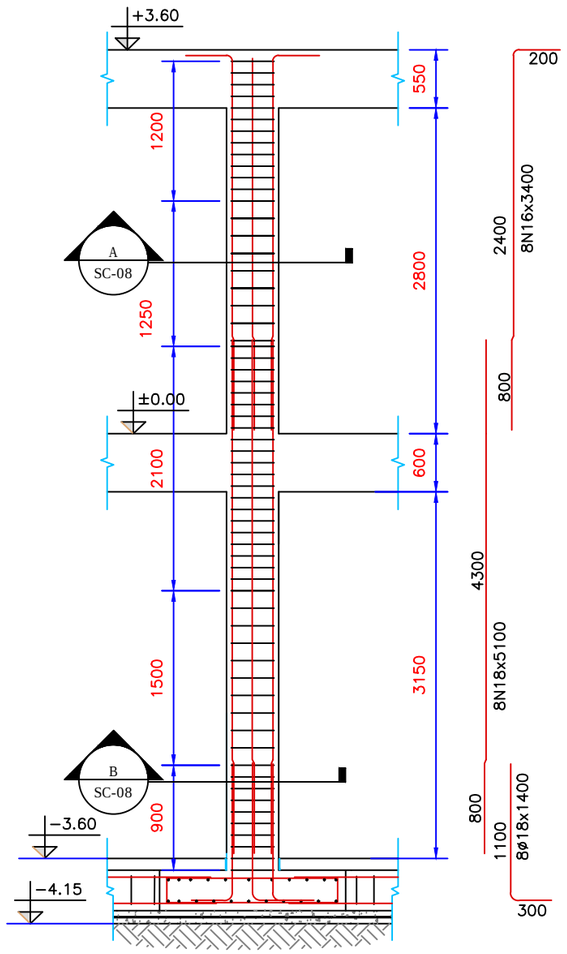
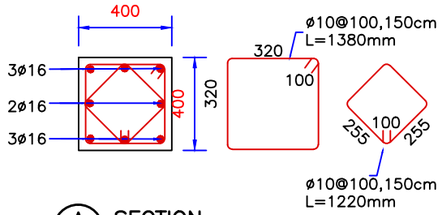
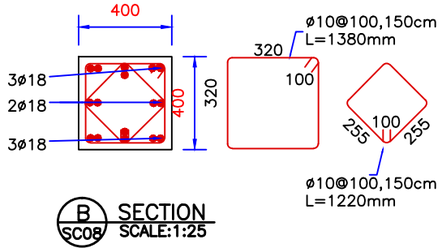


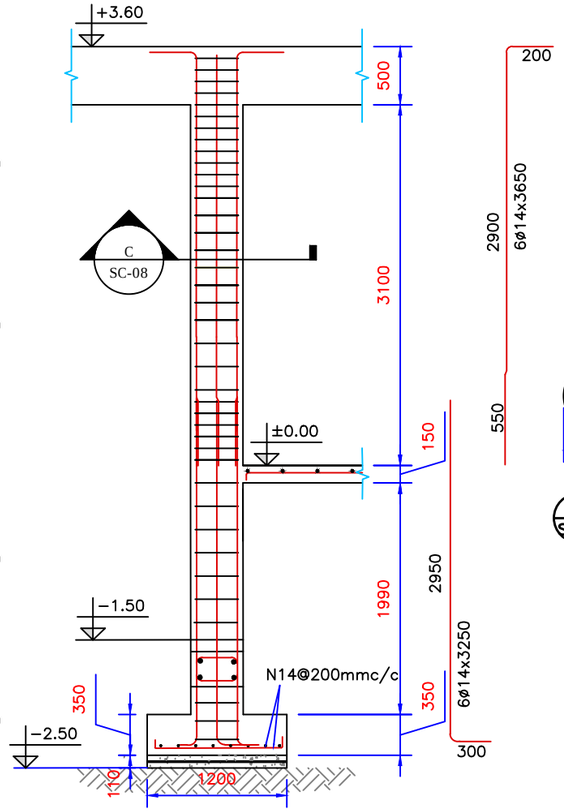
1 SC08 COLUMN−3 SCALE:1:50



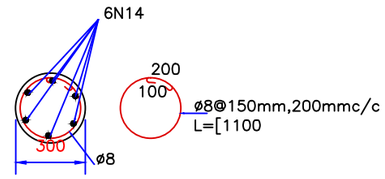
A SC08 SECTION SCALE:1:25



B SC08 SECTION SCALE:1:25



2 SC08 COLUMN−4 SCALE:1:50



C SC08 SECTION SCALE:1:25

ISSUED FOR TENDER

BENEFICIARY	INDEPENDENT ELECTION COMMISSION (IEC)
DONOR	FROM THE PEOPLE OF JAPAN
IMPLEMENTOR	UNITED NATIONS DEVELOPMENT PROGRAM
PROJECT: IEC BADAKHSHAN PROVINCIAL COMPOUND OFFICE BUILDING	
DRAWING TITLE:	COLUMNS & SECTIONS

DESIGNED:	AH.KHALID	PROJECT NO:	2013-28	DRAWING NO.	REV.
DRAWN:	GH.SARWAR	SHEET SIZE:	A3	SC08	0
CHECKED:	A.S.M	SCALE:	1:50		
APPROVED:	JIM IRVING	DATE:	05.11.2014		

No	DATE	REVISION
0	ISSUED FOR TENDER PURPOSE ONLY	
1		
2		
3		

NOTES
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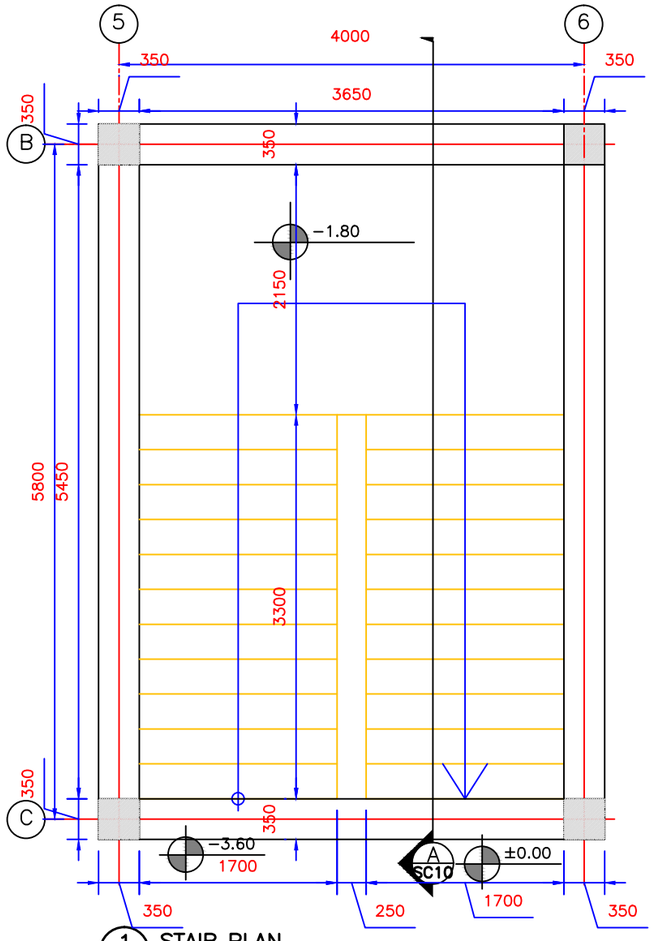
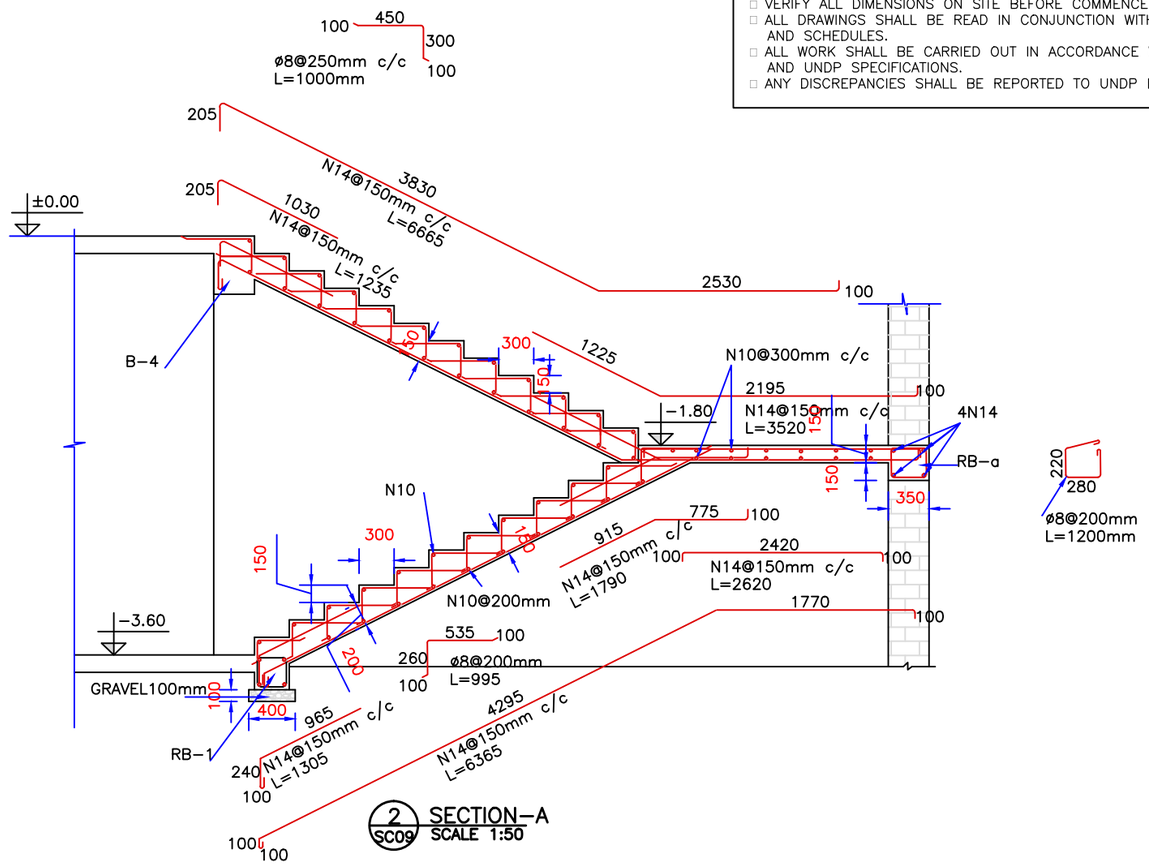
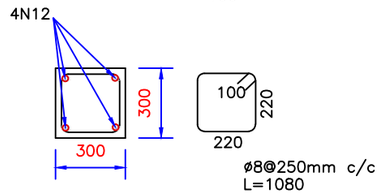


1 SC09 STAIR PLAN
SCALE:1:50



2 SC09 SECTION−A
SCALE 1:50



3 SC09 RB−1(300X300X2000MM)
SCALE:1:25

ISSUED FOR TENDER

BENEFICIARY	INDEPENDENT ELECTION COMMISSION (IEC)
DONOR	FROM THE PEOPLE OF JAPAN
IMPLEMENTOR	UNITED NATIONS DEVELOPMENT PROGRAM

PROJECT: IEC BADAKHSHAN PROVINCIAL COMPOUND OFFICE BUILDING

DRAWING TITLE: STAIR PLAN & SECTION

DESIGNED:	A.S.M	PROJECT NO:	2013-28	DRAWING NO.	REV.
DRAWN:	GH.SARWAR	SHEET SIZE:	A3	SC09	0
CHECKED:	A.S.M	SCALE:	1:50		
APPROVED:	JIM IRVING	DATE:	05.11.2014		

No	DATE	REVISION
0	ISSUED FOR TENDER PURPOSE ONLY	
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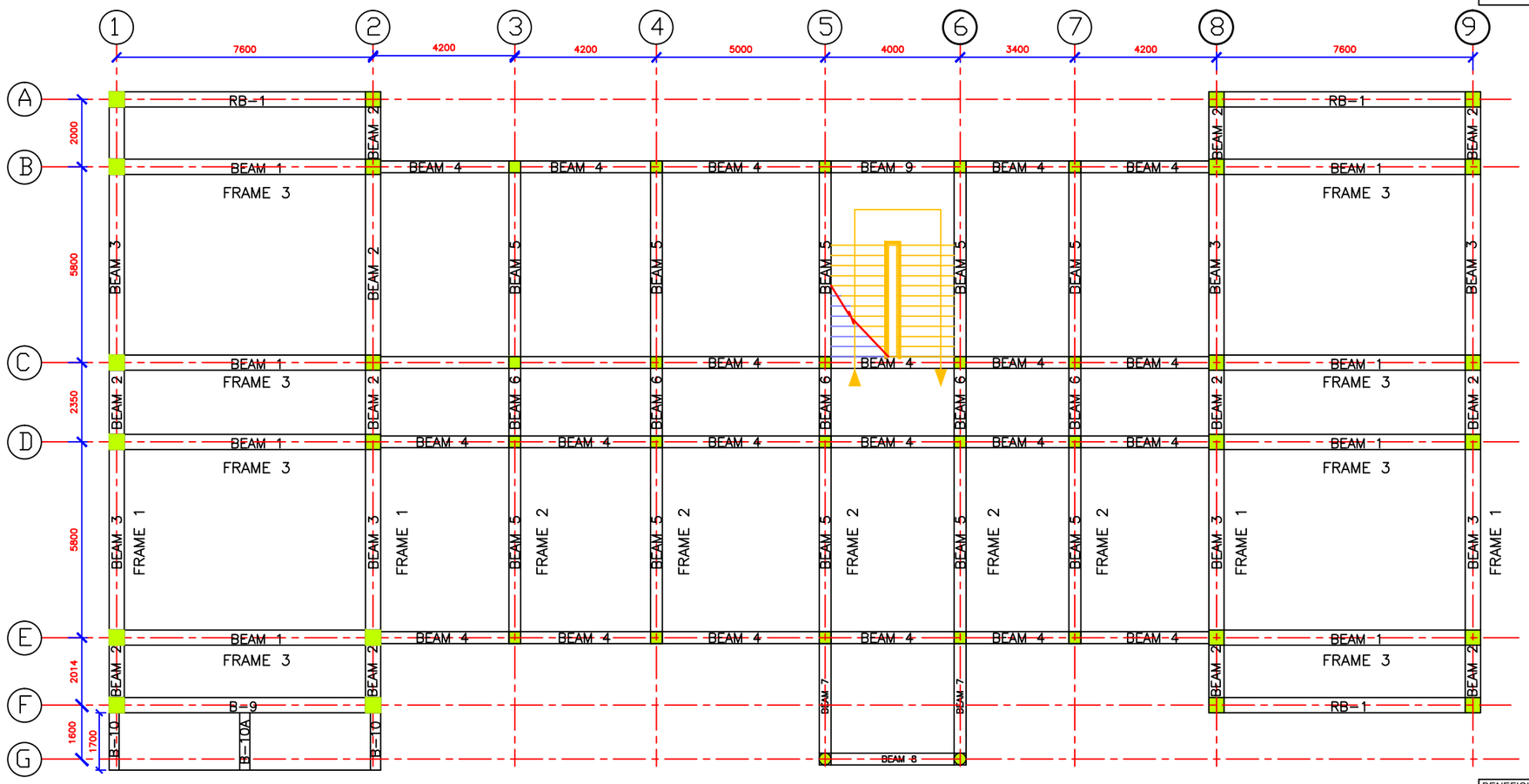

1 SC10 Ground Floor Beam Plan

SCALE: 1:150

ISSUED FOR TENDER

BENEFICIARY	INDEPENDENT ELECTION COMMISSION (IEC)
DONOR	FROM THE PEOPLE OF JAPAN
IMPLEMENTOR	UNITED NATIONS DEVELOPMENT PROGRAM
PROJECT:	IEC BADAKHSHAN PROVINCIAL COMPOUND OFFICE BUILDING
DRAWING TITLE:	GROUND FLOOR BEAM PLAN

DESIGNED:	AH.KHALID	PROJECT NO:	2013-28	DRAWING NO.	REV.
DRAWN:	AH.KHALID	SHEET SIZE:	A3	SC10	0
CHECKED:	A.S.M	SCALE:	1:150		
APPROVED:	JIM IRVING	DATE:	05.11.2014		

No	DATE	REVISION
0	15.05.2013	ISSUED FOR TENDER PURPOSE ONLY
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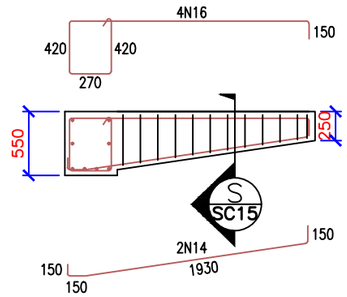
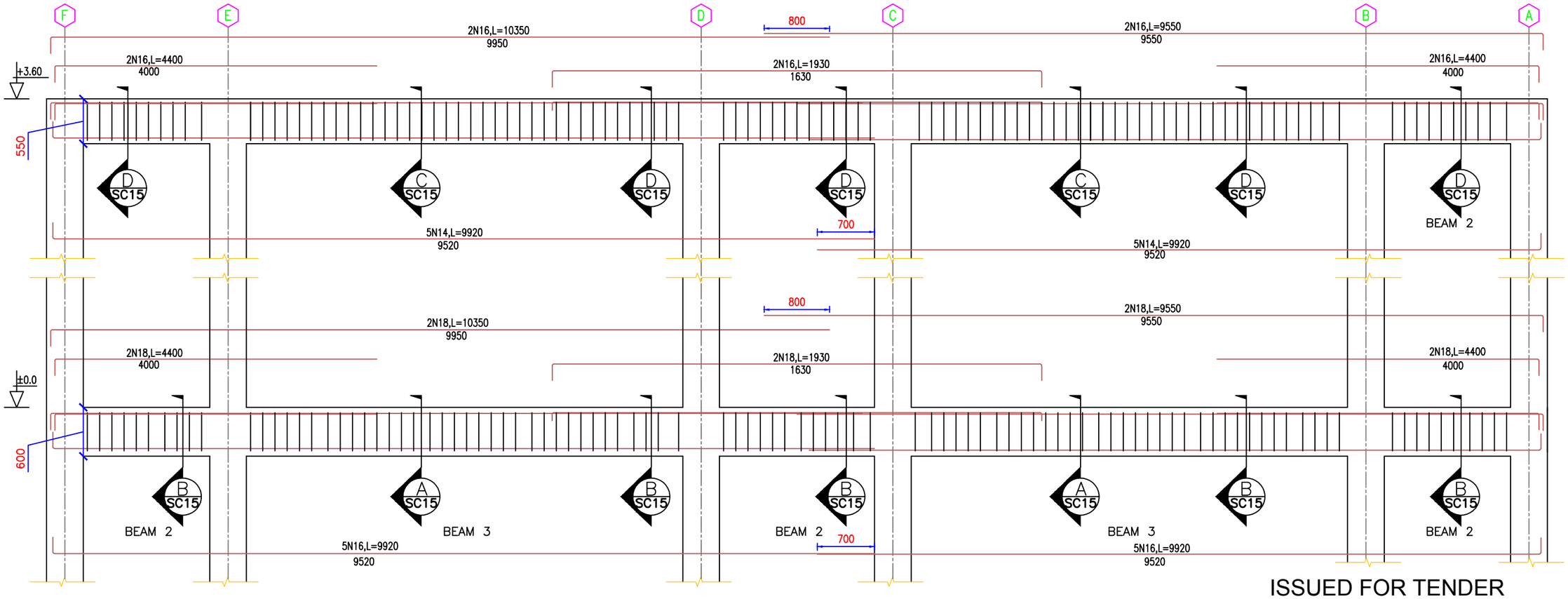
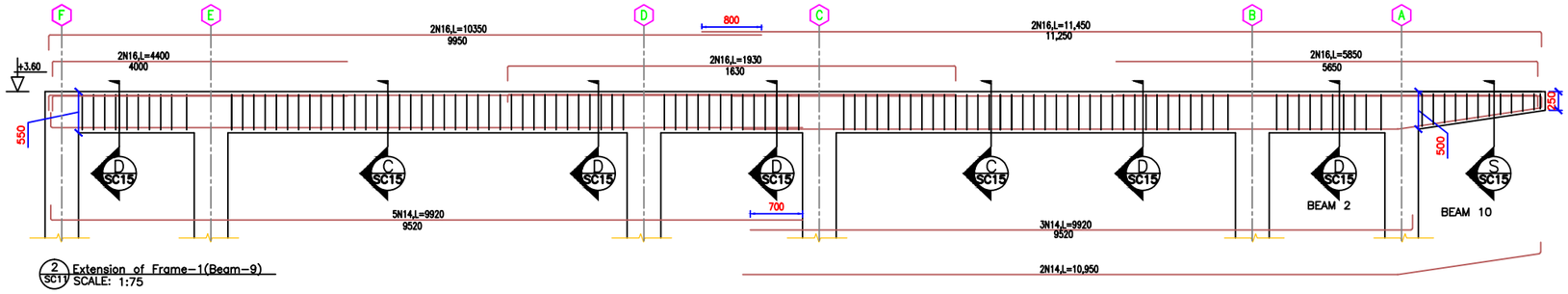


3 SC11 BEAM–10A
SCALE: 1:50



1 SC11 FRAME–1
SCALE: 1:50

Note:
Cantilever Beams is only for Axices 1&2



2 SC11 Extension of Frame–1(Beam–9)
SCALE: 1:75

ISSUED FOR TENDER

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DONOR	FROM THE PEOPLE OF JAPAN
IMPLEMENTOR	UNITED NATIONS DEVELOPMENT PROGRAM

PROJECT: IEC BADAKHSHAN PROVINCIAL COMPOUND OFFICE BUILDING

DRAWING TITLE: FRAME-1

DESIGNED:	AH.KHALID	PROJECT NO:	2013-28	DRAWING NO.	REV.
DRAWN:	AH.KHALID	SHEET SIZE:	A3	SC11	0
CHECKED:	A.S.M	SCALE:	1:50		
APPROVED:	JIM IRVING	DATE:	05.11.2014		

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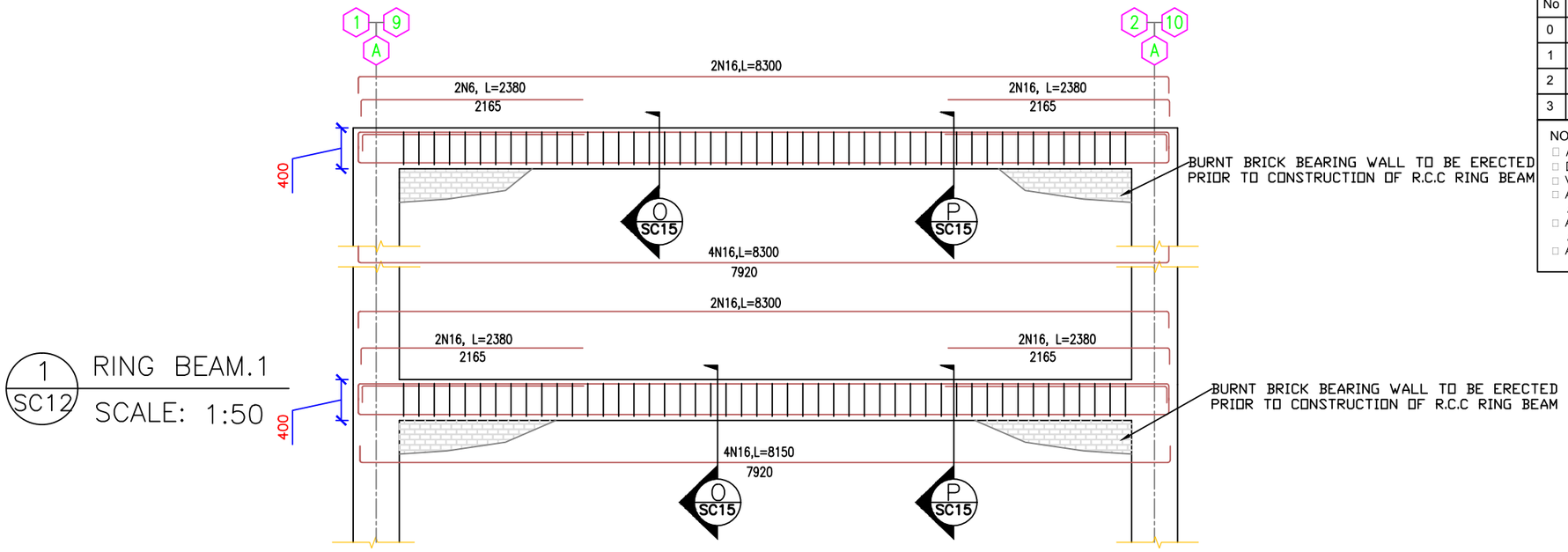
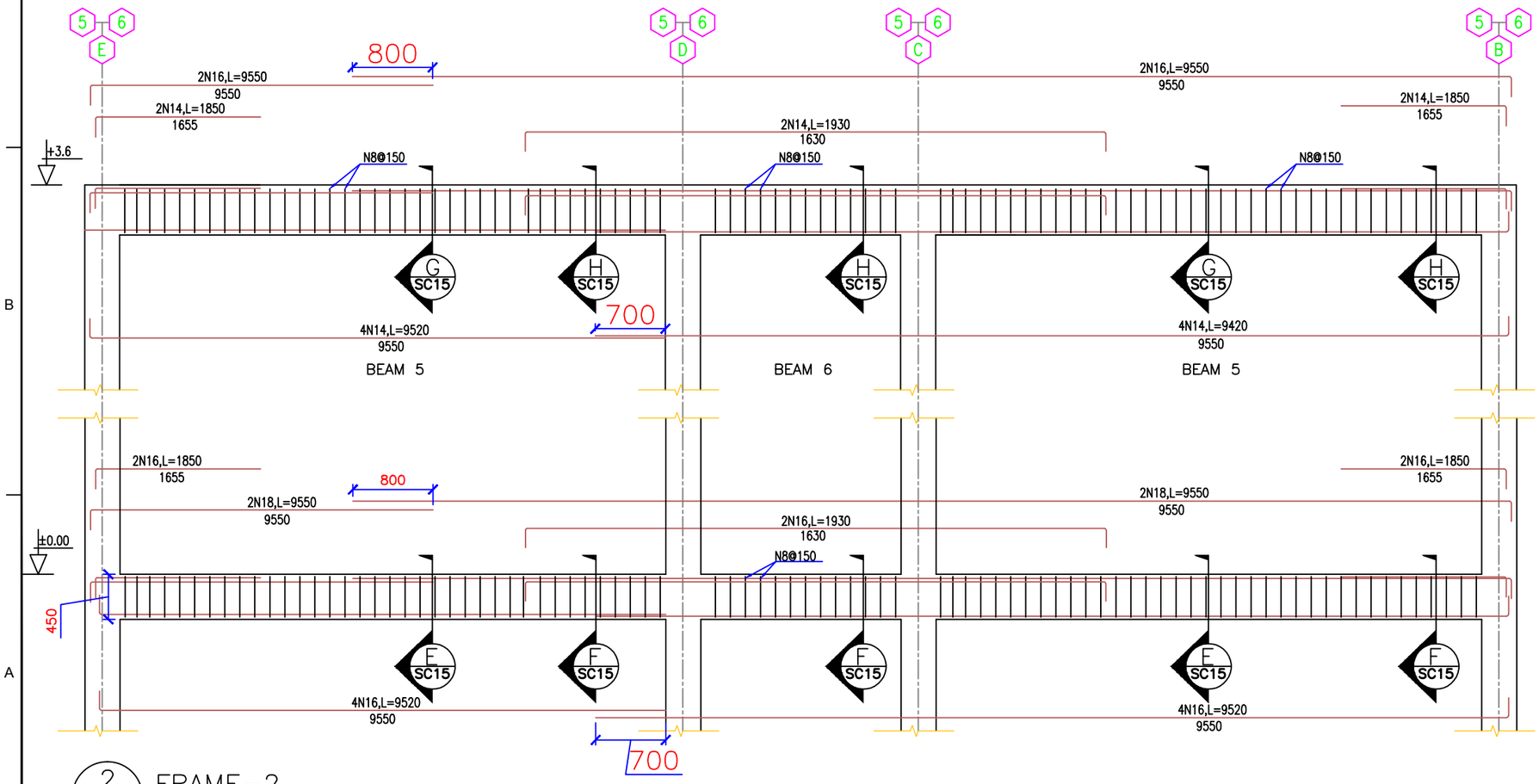


1 SC12 RING BEAM.1
SCALE: 1:50



2 SC12 FRAME–2
SCALE: 1:50

ISSUED FOR TENDER

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DONOR	FROM THE PEOPLE OF JAPAN
IMPLEMENTOR	UNITED NATIONS DEVELOPMENT PROGRAM

PROJECT: IEC BADAKHSHAN PROVINCIAL COMPOUND OFFICE BUILDING

DRAWING TITLE: FRAME-2

DESIGNED:	AH.KHALID	PROJECT NO:	2013-28	DRAWING NO.	REV.
DRAWN:	AH.KHALID	SHEET SIZE:	A3	SC12	0
CHECKED:	A.S.M	SCALE:	1:50		
APPROVED:	JIM IRVING	DATE:	05.11.2014		

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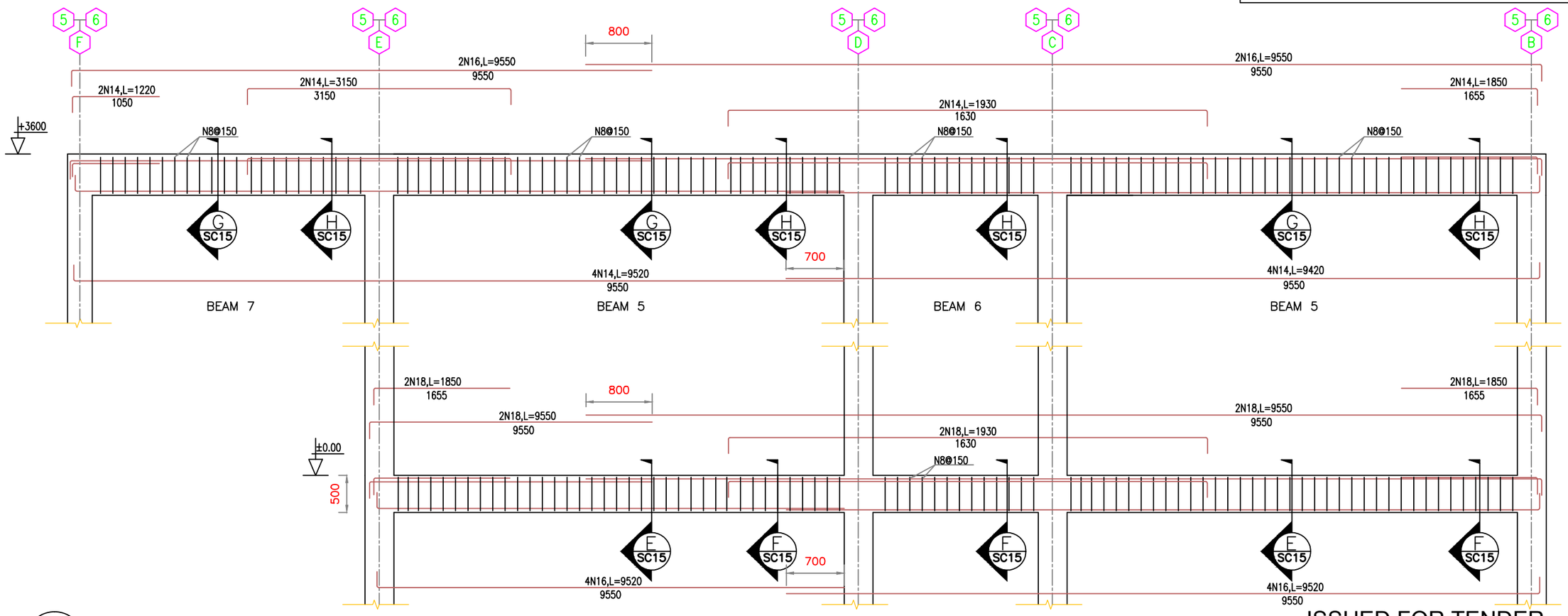
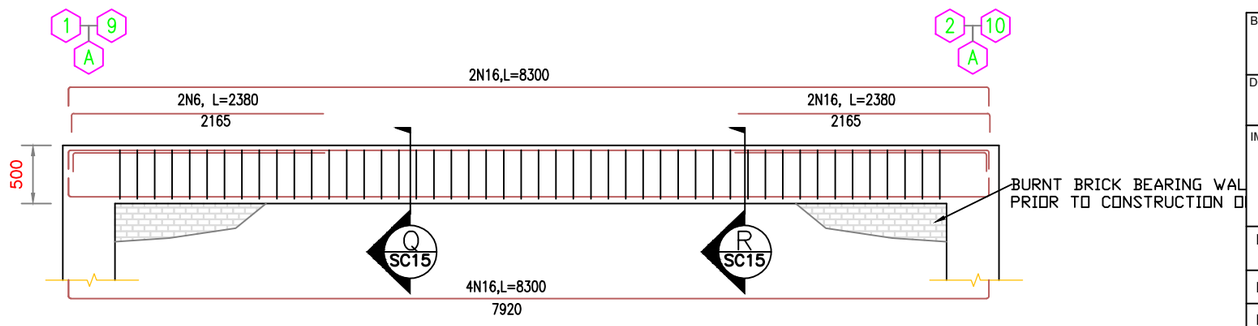


1 SC13 FRAME–2.A
SCALE: 1:50



2 SC13 BEAM–9
SCALE: 1:50

ISSUED FOR TENDER

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IMPLEMENTOR	UNITED NATIONS DEVELOPMENT PROGRAM

PROJECT: IEC BADAKHSHAN PROVINCIAL COMPOUND OFFICE BUILDING

DRAWING TITLE: FRAME- 2a

DESIGNED:	AH.KHALID	PROJECT NO:	2013-28	DRAWING NO.	REV.
DRAWN:	AH.KHALID	SHEET SIZE:	A3	SC13	0
CHECKED:	A.S.M	SCALE:	1:50		
APPROVED:	JIM IRVING	DATE:	05.11.2014		

No	DATE	REVISION
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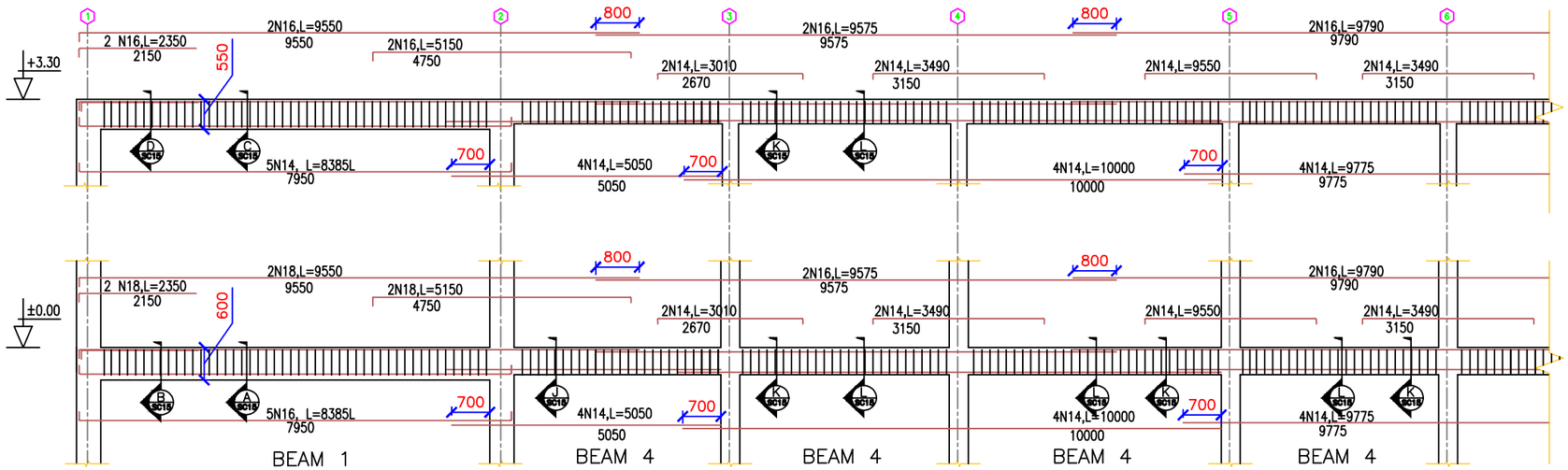
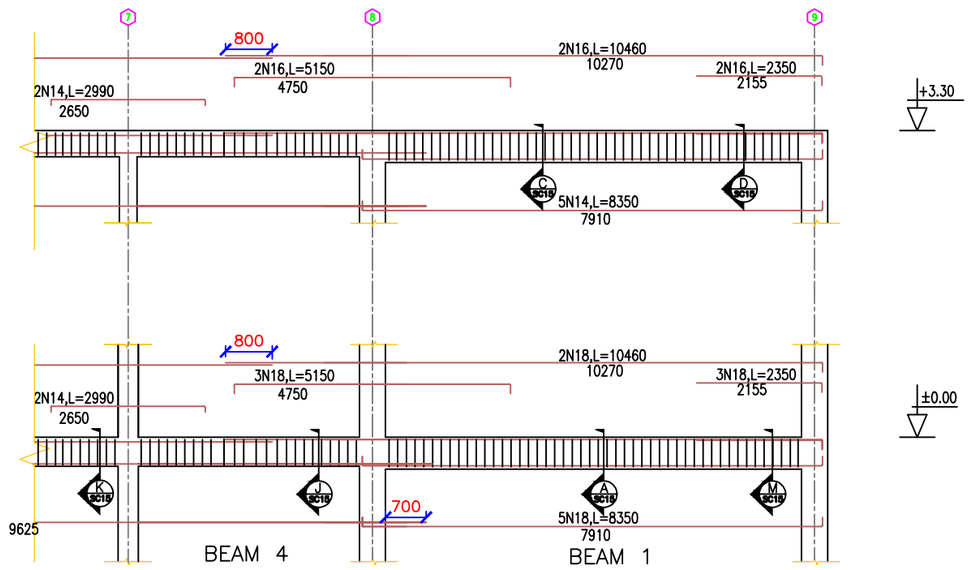




1 SC14 FRAME–3
SCALE:1:100

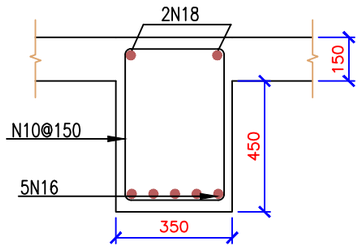
ISSUED FOR TENDER

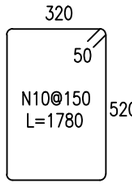
BENEFICIARY		INDEPENDENT ELECTION COMMISSION (IEC)
DONOR		FROM THE PEOPLE OF JAPAN
IMPLEMENTOR		UNITED NATIONS DEVELOPMENT PROGRAM

PROJECT: IEC BADAKHSHAN PROVINCIAL COMPOUND OFFICE BUILDING

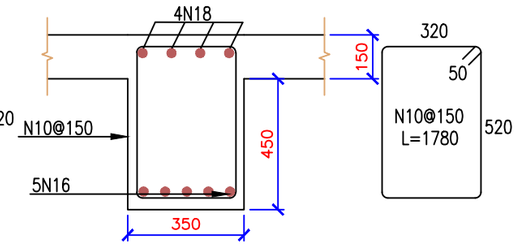
DRAWING TITLE: FRAME-3

DESIGNED:	AH.KHALID	PROJECT NO:	2013-28	DRAWING NO.	REV.
DRAWN:	AH.KHALID	SHEET SIZE:	A3	SC14	0
CHECKED:	A.S.M	SCALE:	1:100		
APPROVED:	JIM IRVING	DATE:	05.11.2014		

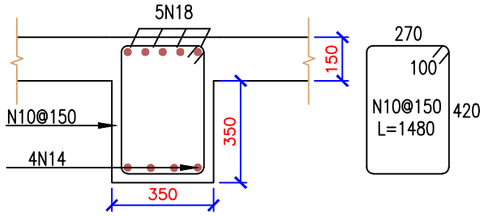




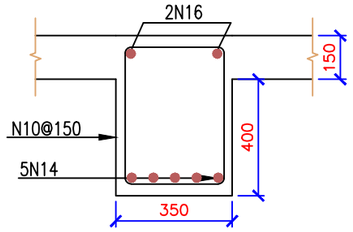
1 SC15 SECTION A
SCALE: 1:20

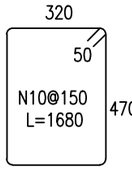


2 SC15 SECTION B
SCALE: 1:20

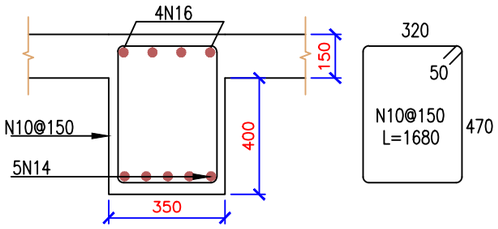


9 SC15 SECTION J
SCALE: 1:20

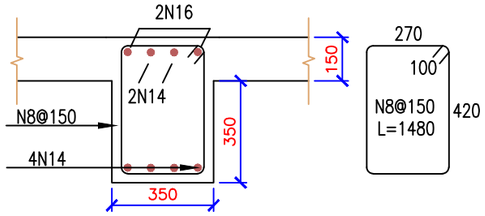




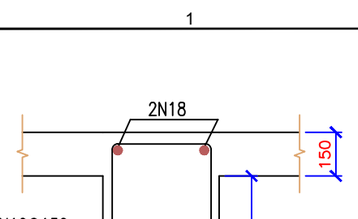
3 SC15 SECTION C
SCALE: 1:20

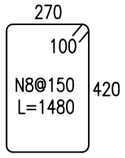


4 SC15 SECTION D
SCALE: 1:20



10 SC14 SECTION K
SCALE: 1:20





5 SC15 SECTION E
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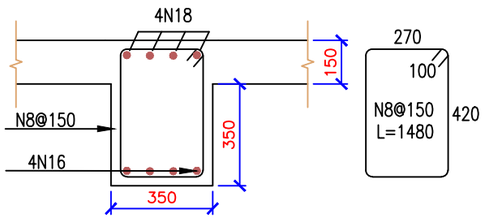
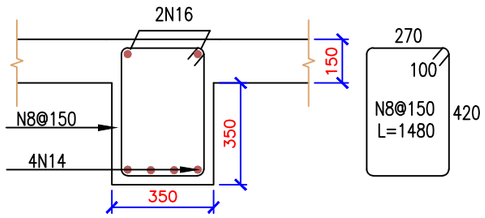
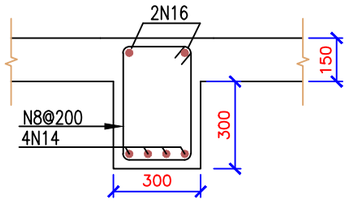
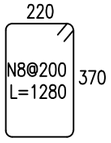


6 SC15 SECTION F
SCALE: 1:20

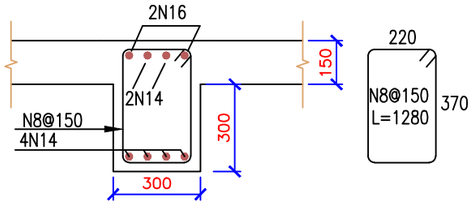


11 SC15 SECTION L
SCALE: 1:20





7 SC15 SECTION G
SCALE: 1:20



8 SC15 SECTION H
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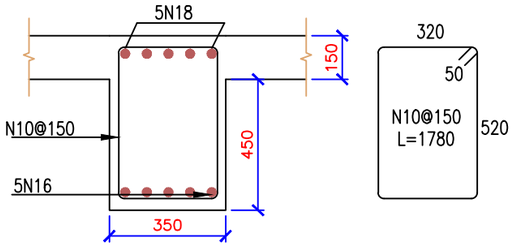
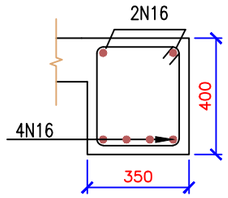
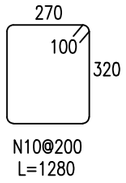
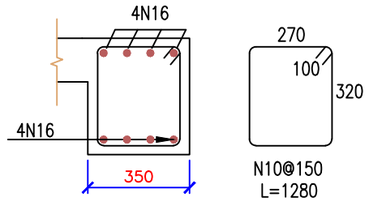


12 SC15 SECTION M
SCALE: 1:20

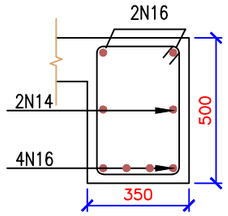


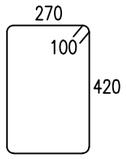


13 SC15 SECTION O
SCALE: 1:20

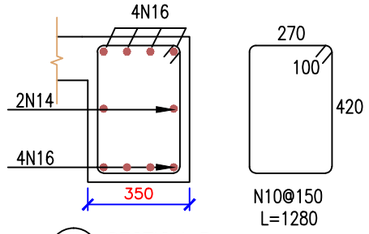


14 SC15 SECTION P
SCALE: 1:20

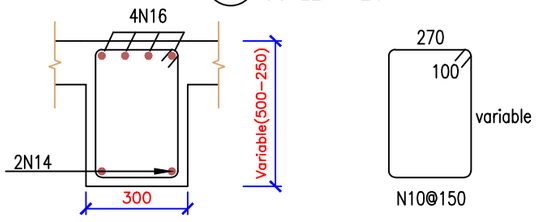




15 SC15 SECTION Q
SCALE: 1:20



16 SC15 SECTION R
SCALE: 1:20



17 SC15 SECTION S
SCALE: 1:20

No	DATE	REVISION
0	15.05.2013	ISSUED FOR TENDER PURPOSE ONLY
1		
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NOTES
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ISSUED FOR TENDER

BENEFICIARY	INDEPENDENT ELECTION COMMISSION (IEC)
DONOR	FROM THE PEOPLE OF JAPAN
IMPLEMENTOR	UNITED NATIONS DEVELOPMENT PROGRAM
PROJECT: IEC BADAKHSHAN PROVINCIAL COMPOUND OFFICE BUILDING	
DRAWING TITLE:	BEAMS' SECTIONS

DESIGNED:	AH.KHALID	PROJECT NO:	2013-28	DRAWING NO.	REV.
DRAWN:	AH.KHALID	SHEET SIZE:	A3	SC15	0
CHECKED:	A.S.M	SCALE:	1:20		
APPROVED:	JIM IRVING	DATE:	05.11.2014		

No	DATE	REVISION
0	15.05.2013	ISSUED FOR TENDER PURPOSE ONLY
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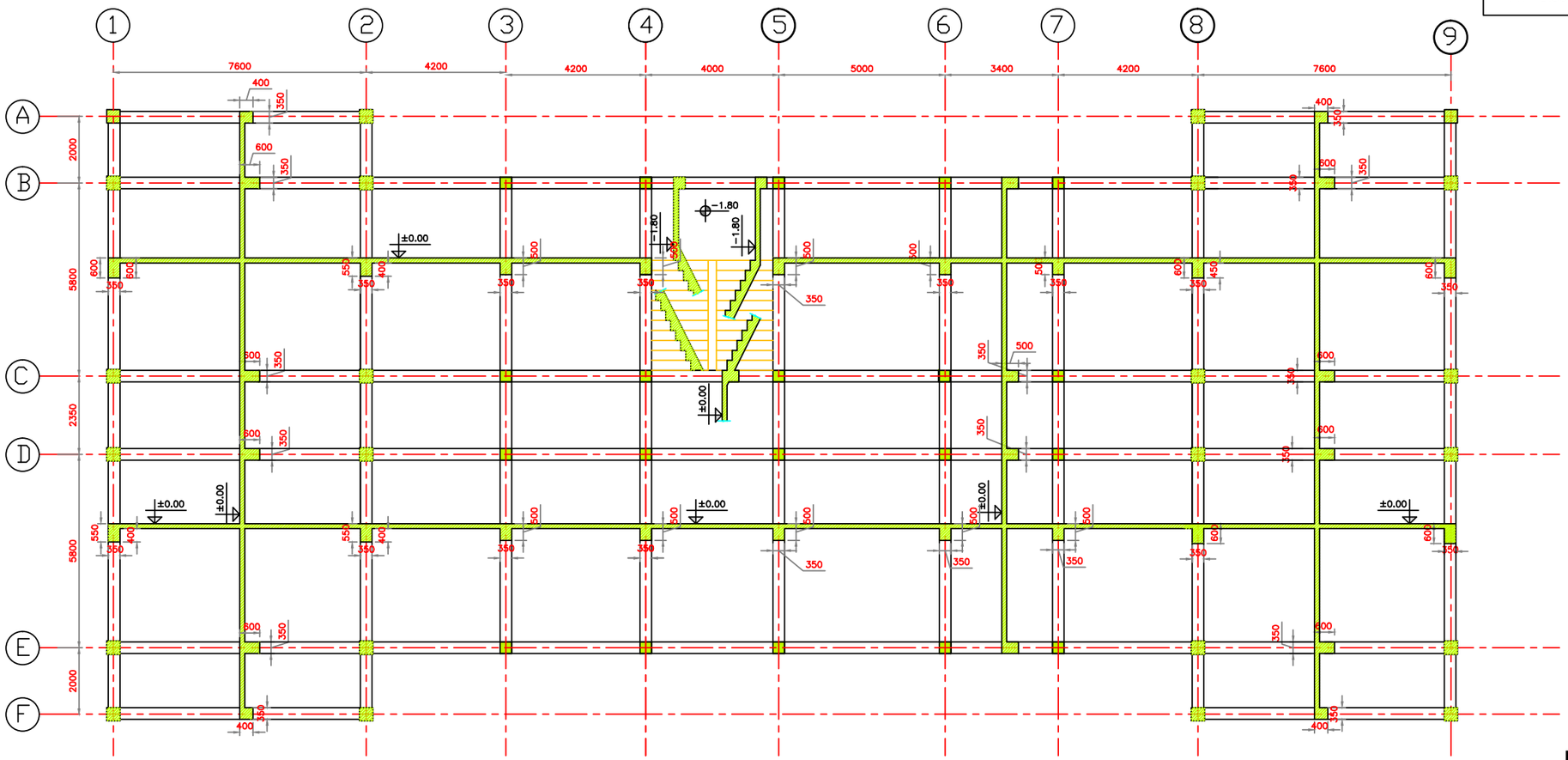

1 SC16 Basement Slab Shuttering Plan

SCALE: 1:150

ISSUED FOR TENDER

BENEFICIARY	INDEPENDENT ELECTION COMMISSION (IEC)
DONOR	FROM THE PEOPLE OF JAPAN
IMPLEMENTOR	UNITED NATIONS DEVELOPMENT PROGRAM

PROJECT: IEC BADAKHSHAN PROVINCIAL COMPOUND OFFICE BUILDING

DRAWING TITLE: GROUND FLOOR SLAB SHUTTERING PLAN

DESIGNED:	AH.KHALID	PROJECT NO:	2013-28	DRAWING NO.	REV.
DRAWN:	AH.KHALID	SHEET SIZE:	A3	SC16	0
CHECKED:	A.S.M	SCALE:	1:150		
APPROVED:	JIM IRVING	DATE:	05.11.2014		

No	DATE	REVISION
0	15.05.2013	ISSUED FOR TENDER PURPOSE ONLY
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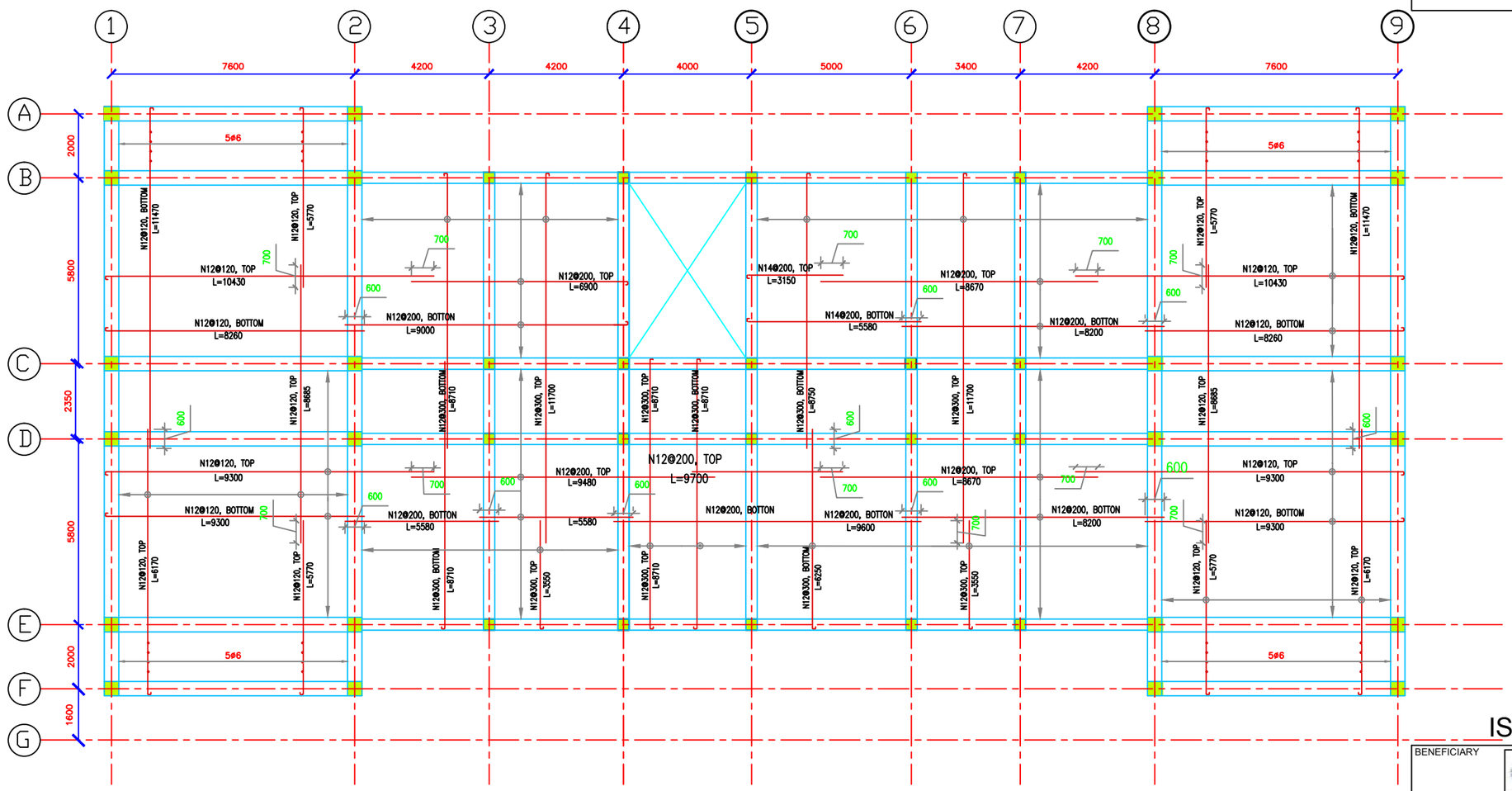

1 / SC17 Basement Slab Rebars Plan

SCALE: 1:150

ISSUED FOR TENDER

BENEFICIARY	INDEPENDENT ELECTION COMMISSION (IEC)
DONOR	FROM THE PEOPLE OF JAPAN
IMPLEMENTOR	UNITED NATIONS DEVELOPMENT PROGRAM

PROJECT: IEC BADAKHSHAN PROVINCIAL COMPOUND OFFICE BUILDING

DRAWING TITLE: GROUND FLOOR SLAB STEEL BAR

DESIGNED:	AH.KHALID	PROJECT NO:	2013-28	DRAWING NO.	REV.
DRAWN:	AH.KHALID	SHEET SIZE:	A3	SC17	0
CHECKED:	A.S.M	SCALE:	1:150		
APPROVED:	JIM IRVING	DATE:	05.11.2014		

No	DATE	REVISION
0	15.05.2013	ISSUED FOR TENDER PURPOSE ONLY
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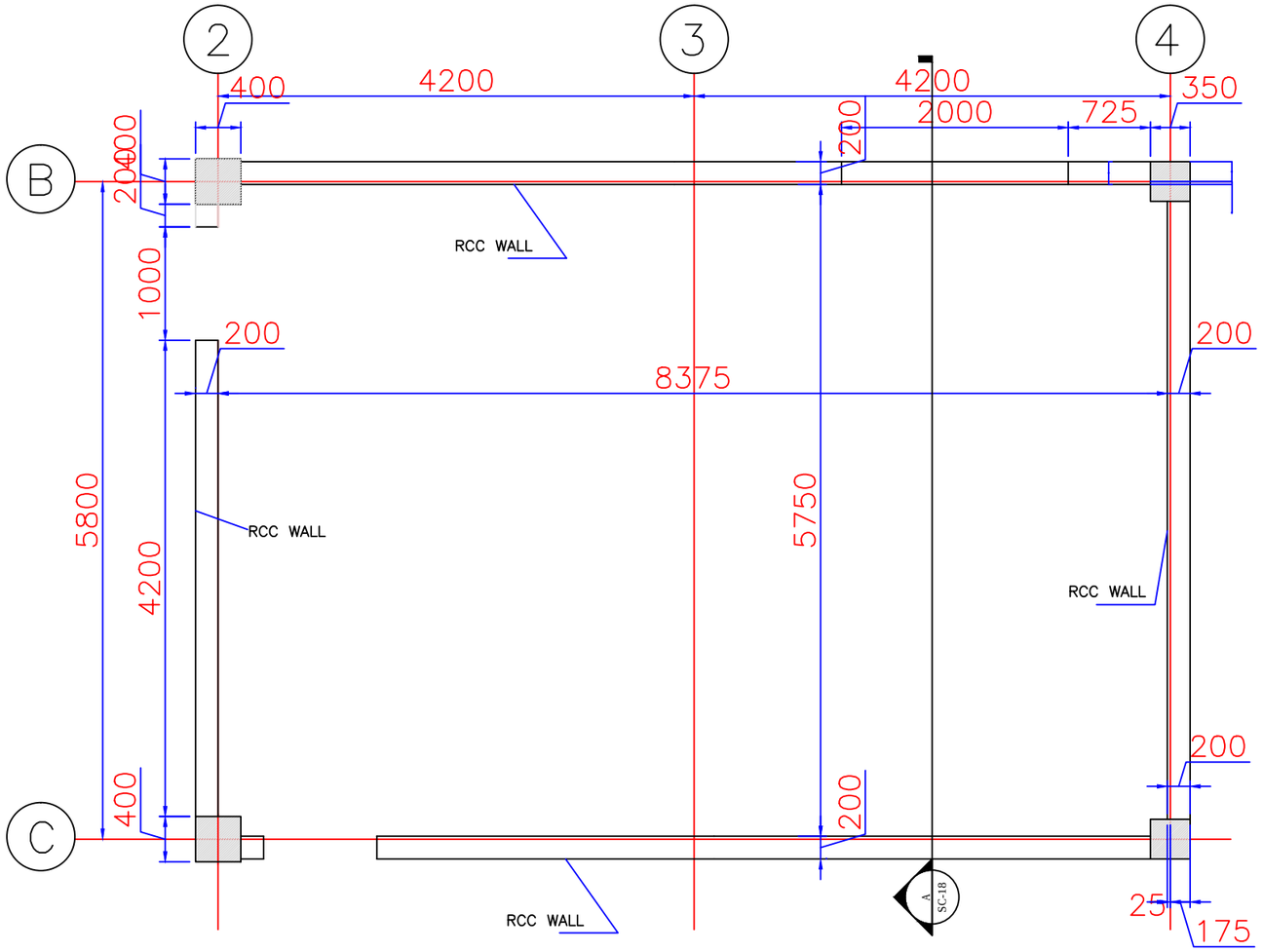
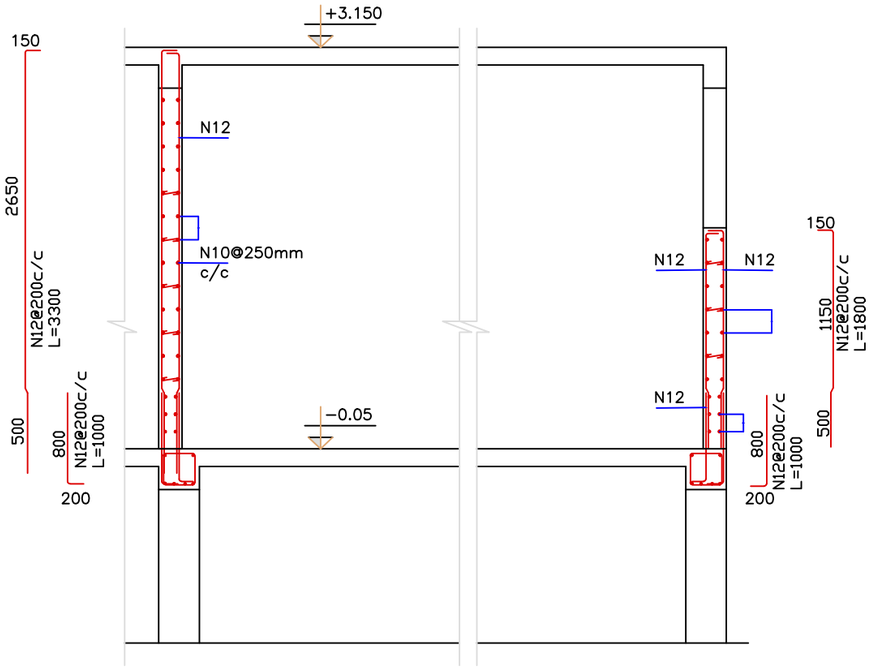


1 SC18 BUNKER PLAN
SCALE:1:50



2 SC18 SECTION–A
SCALE:1:50

ISSUED FOR TENDER

BENEFICIARY	INDEPENDENT ELECTION COMMISSION (IEC)
DONOR	FROM THE PEOPLE OF JAPAN
IMPLEMENTOR	UNITED NATIONS DEVELOPMENT PROGRAM
PROJECT: IEC BADAKHSHAN PROVINCIAL COMPOUND OFFICE BUILDING	
DRAWING TITLE:	BUNKER PLAN & SECTION

DESIGNED:	A.S.M	PROJECT NO:	2013-28	DRAWING NO.	REV.
DRAWN:	GH.SARWAR	SHEET SIZE:	A3	SC18	0
CHECKED:	A.S.M	SCALE:	1:50		
APPROVED:	JIM IRVING	DATE:	05.11.2014		

No	DATE	REVISION
0	15.05.2013	ISSUED FOR TENDER PURPOSE ONLY
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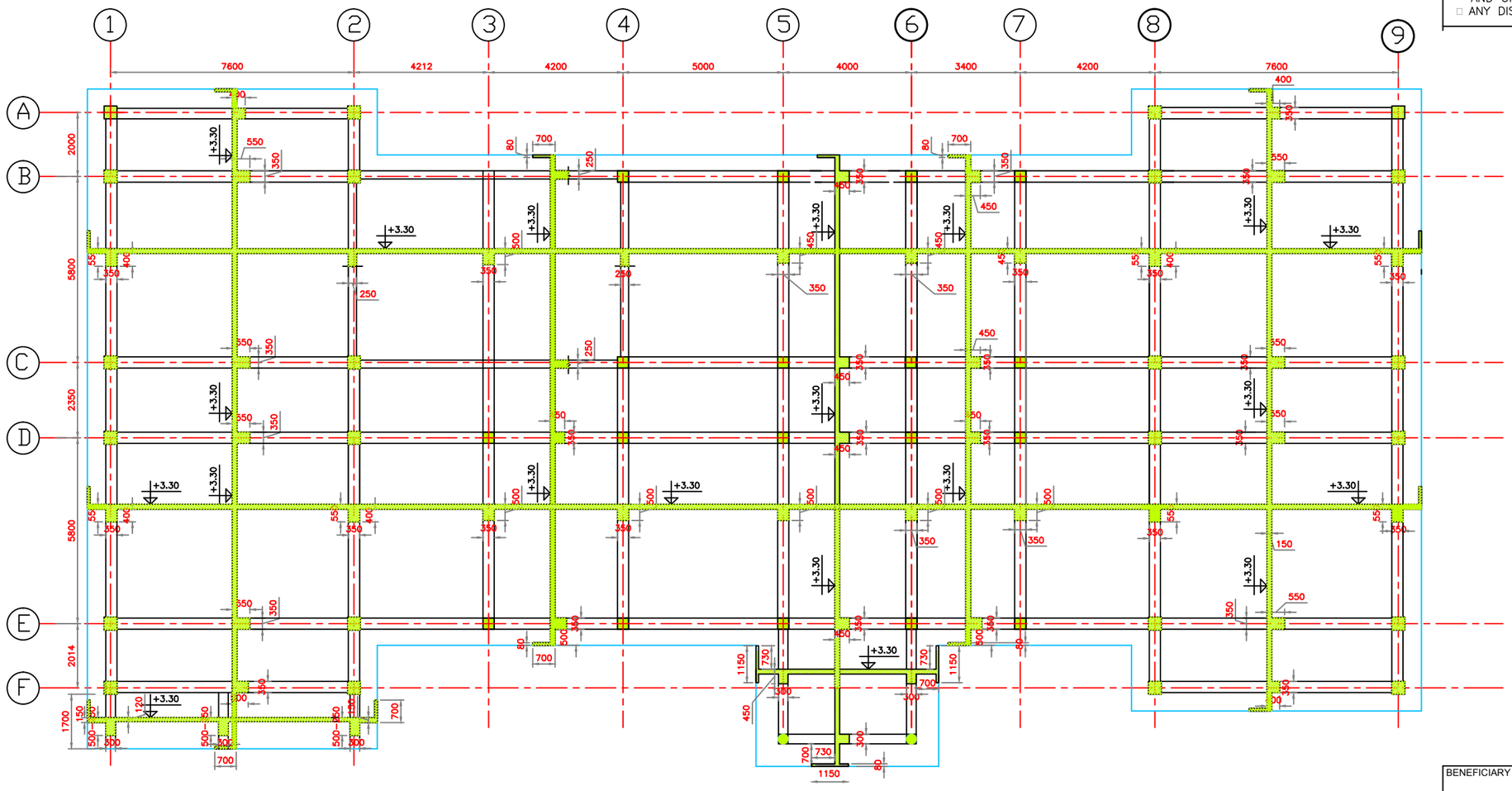

1 / SC19 Roof Slab Shuttering Plan
SCALE: 1:150

ISSUED FOR TENDER

BENEFICIARY	INDEPENDENT ELECTION COMMISSION (IEC)
DONOR	FROM THE PEOPLE OF JAPAN
IMPLEMENTOR	UNITED NATIONS DEVELOPMENT PROGRAM
PROJECT: IEC BADAKHSHAN PROVINCIAL COMPOUND OFFICE BUILDING	
DRAWING TITLE: ROOF SLAB SHUTTERING PLAN	

DESIGNED:	AH.KHALID	PROJECT NO:	2013-28	DRAWING NO.	REV.
DRAWN:	AH.KHALID	SHEET SIZE:	A3	SC19	0
CHECKED:	A.S.M	SCALE:	1:150		
APPROVED:	JIM IRVING	DATE:	05.11.2014		

No	DATE	REVISION
0	15.05.2013	ISSUED FOR TENDER PURPOSE ONLY
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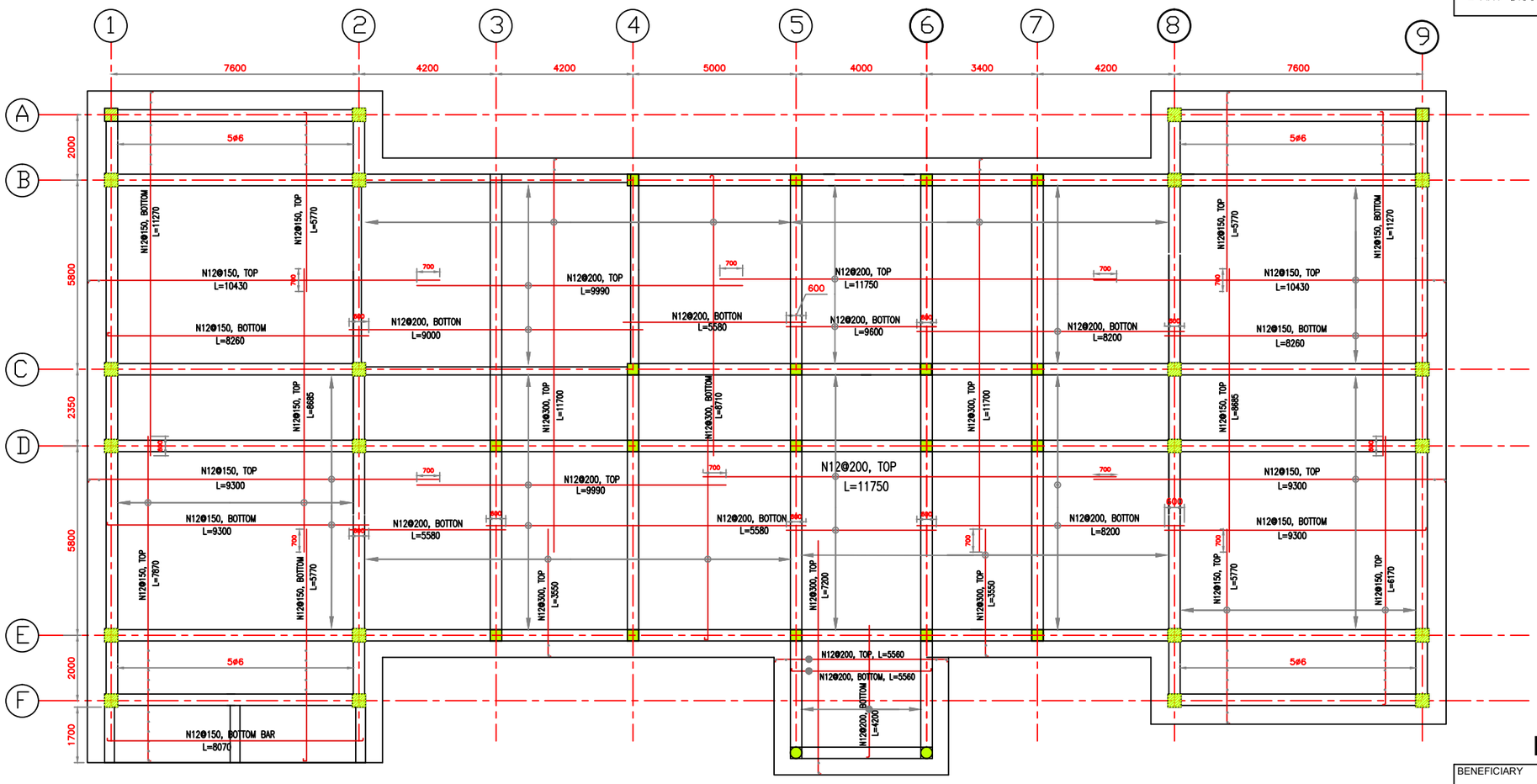

1 / SC20 Ground Floor Slab Reinforcement Plan
SCALE: 1:150

ISSUED FOR TENDER

BENEFICIARY	INDEPENDENT ELECTION COMMISSION (IEC)
DONOR	FROM THE PEOPLE OF JAPAN
IMPLEMENTOR	UNITED NATIONS DEVELOPMENT PROGRAM

PROJECT: IEC BADAKHSHAN PROVINCIAL COMPOUND OFFICE BUILDING

DRAWING TITLE: ROOF SLAB REINFORCEMENT PLAN

DESIGNED:	AH.KHALID	PROJECT NO:	2013-28	DRAWING NO.	REV.
DRAWN:	AH.KHALID	SHEET SIZE:	A3	SC20	0
CHECKED:	A.S.M	SCALE:	1:150		
APPROVED:	JIM IRVING	DATE:	05.11.2014		

No	DATE	REVISION
0	15.05.2013	ISSUED FOR TENDER PURPOSE ONLY
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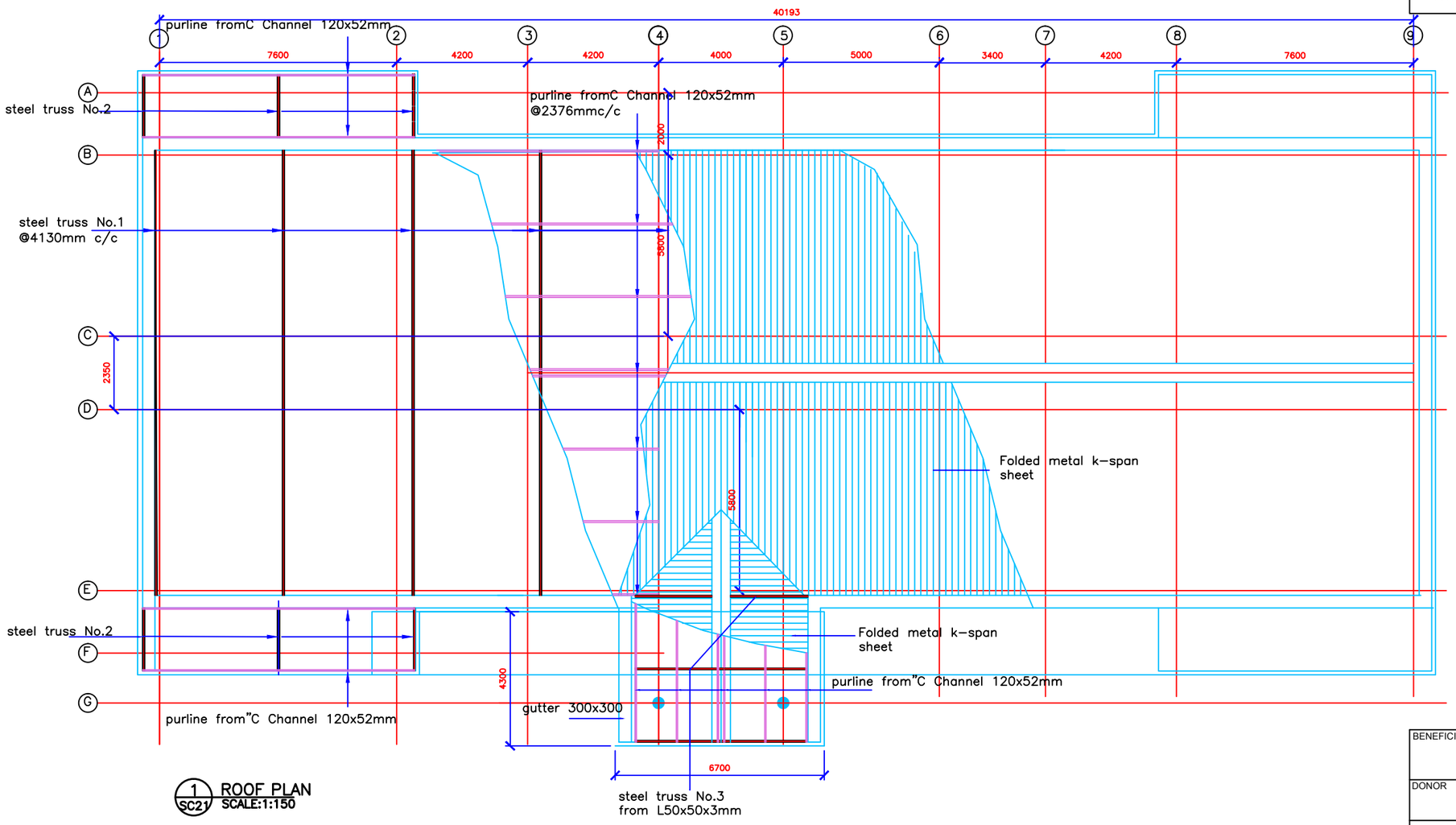

1 SC21 ROOF PLAN
SCALE:1:150

ISSUED FOR TENDER

BENEFICIARY	INDEPENDENT ELECTION COMMISSION (IEC)
DONOR	FROM THE PEOPLE OF JAPAN
IMPLEMENTOR	UNITED NATIONS DEVELOPMENT PROGRAM

PROJECT: IEC BADAKHSHAN PROVINCIAL COMPOUND OFFICE BUILDING

DRAWING TITLE: ROOF PLAN

DESIGNED:	AH.KHALID	PROJECT NO:	2013-28	DRAWING NO.	REV.
DRAWN:	AH.KHALID	SHEET SIZE:	A3	SC21	0
CHECKED:	A.S.M	SCALE:	1:150		
APPROVED:	JIM IRVING	DATE:	05.11.2014		

No	DATE	REVISION
0	15.05.2013	ISSUED FOR TENDER PURPOSE ONLY
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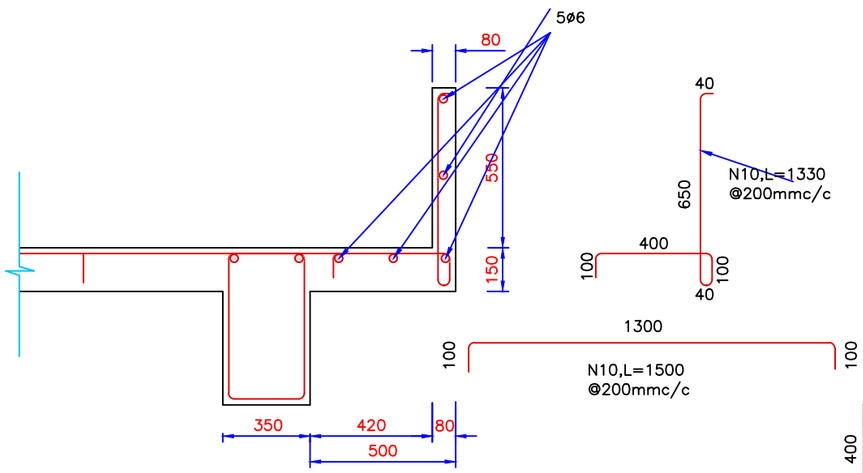
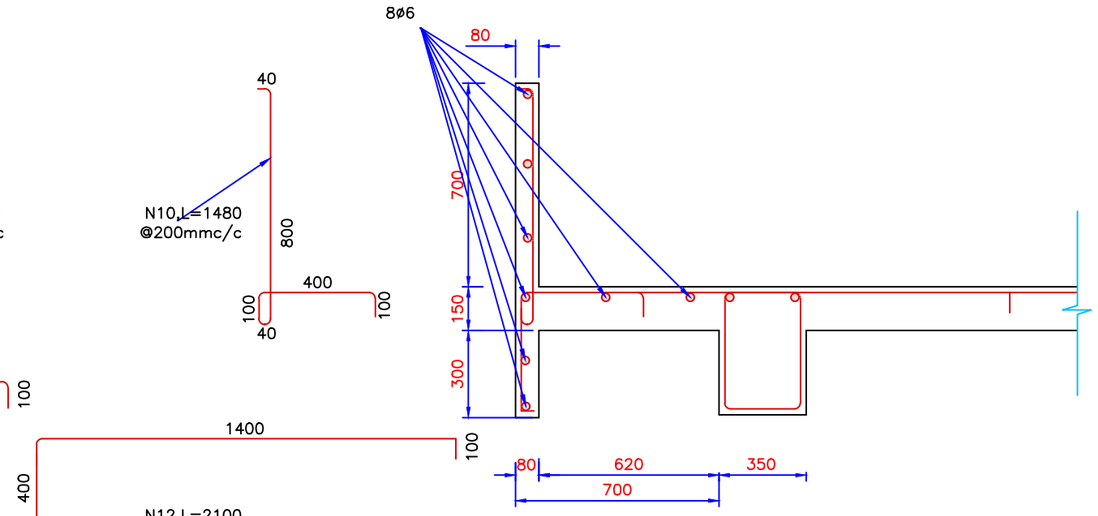
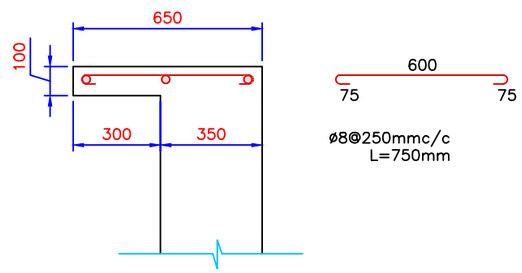


1 SC22 PARAPET WALL DETAIL
SCALE:1:20



2 SC22 ENTRANCE PARAPET WALL DETAIL
SCALE:1:20



3 SC22 WINDOWS CELL STEEL BAR DETAILS
SCALE:1:20

ISSUED FOR TENDER

BENEFICIARY	INDEPENDENT ELECTION COMMISSION (IEC)
DONOR	FROM THE PEOPLE OF JAPAN
IMPLEMENTOR	UNITED NATIONS DEVELOPMENT PROGRAM
PROJECT: IEC BADAKHSHAN PROVINCIAL COMPOUND OFFICE BUILDING	
DRAWING TITLE:	PARAPET WALL DETAILS

				DRAWING NO.	REV.
DESIGNED:	AH.KHALID	PROJECT NO:	2013-28	SC22	0
DRAWN:	GH.SARWAR	SHEET SIZE:	A3		
CHECKED:	A.S.M	SCALE:	1:20		
APPROVED:	JIM IRVING	DATE:	05.11.2014		

No	DATE	REVISION
0	15.05.2013	ISSUED FOR TENDER PURPOSE ONLY
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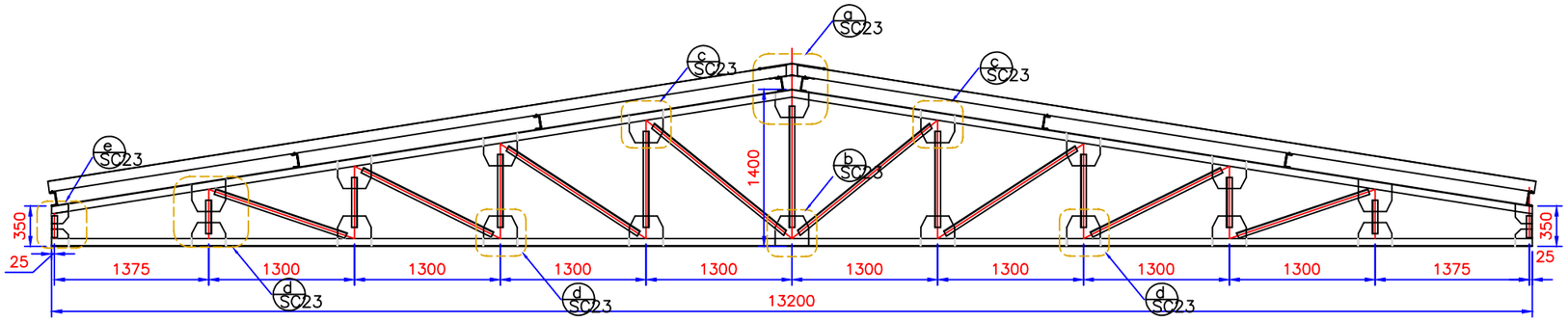
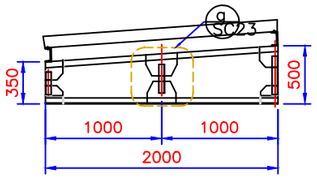
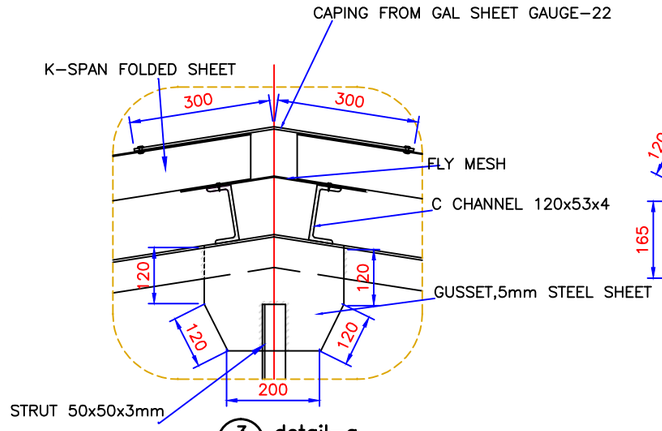


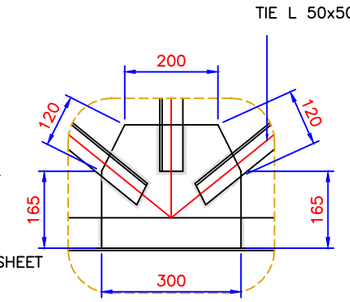
1 SC23 TRUSSE No-1 SCALE 1:50



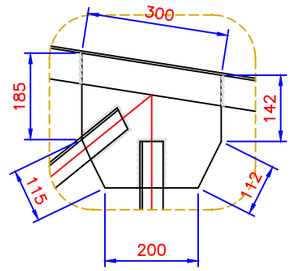
2 SC23 TRUSSE No-2 SCALE 1:50



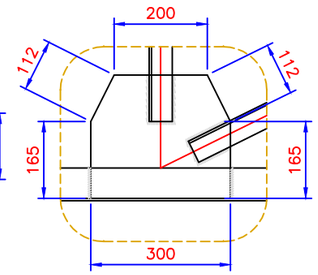
3 SC23 detail-a SCALE 1:25



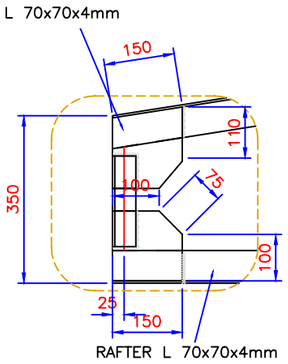
4 SC23 detail-b SCALE 1:25



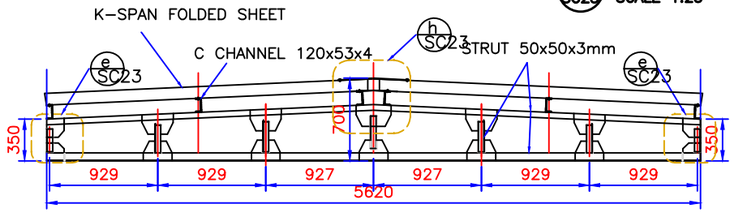
5 SC23 detail-c SCALE 1:25



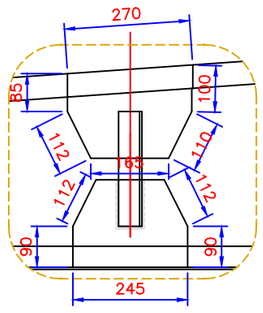
6 SC23 detail-d SCALE 1:25



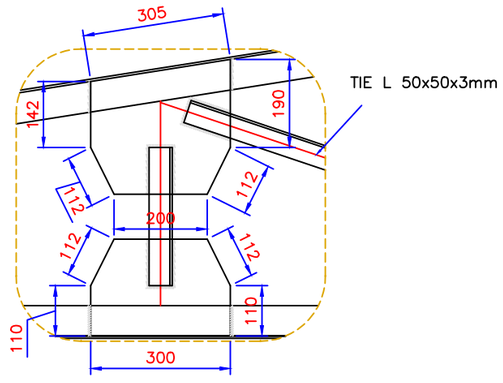
7 SC23 detail-e SCALE 1:25



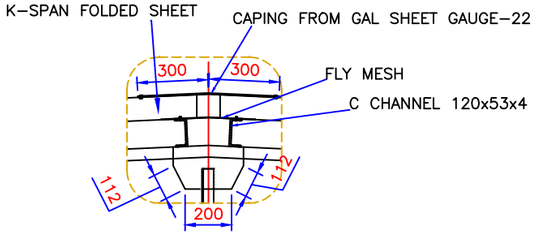
8 SC23 TRUSSE No-3 SCALE 1:50



9 SC23 detail-f SCALE 1:25



10 SC23 detail-g SCALE 1:25



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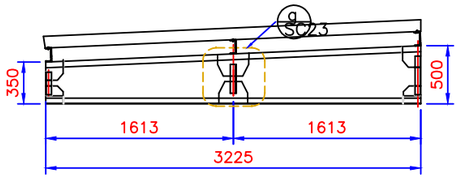

2 SC23 TRUSSE No-4 SCALE 1:50

ISSUED FOR TENDER

BENEFICIARY	INDEPENDENT ELECTION COMMISSION (IEC)
DONOR	FROM THE PEOPLE OF JAPAN
IMPLEMENTOR	UNITED NATIONS DEVELOPMENT PROGRAM
PROJECT: IEC BADAKHSHAN PROVINCIAL COMPOUND OFFICE BUILDING	
DRAWING TITLE: TRUSS AND DETAILS	

				DRAWING NO.	REV.
DESIGNED:	A.K.M	PROJECT NO:	2013-28	SC23	0
DRAWN:	GH.SARWAR	SHEET SIZE:	A3		
CHECKED:	A.S.M	SCALE:	1:25, 1:50		
APPROVED:	JIM IRVING	DATE:	05.11.2014		

No	DATE	REVISION
0	ISSUED FOR TENDER PURPOSE ONLY	
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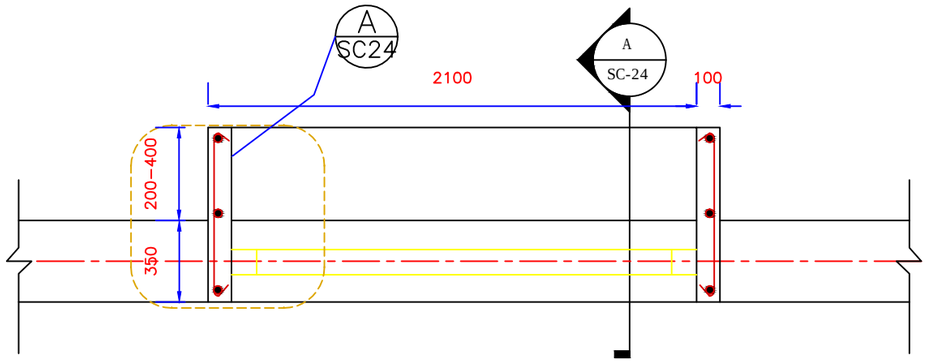
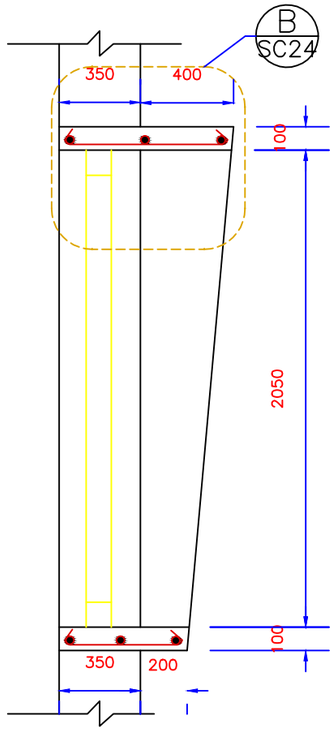
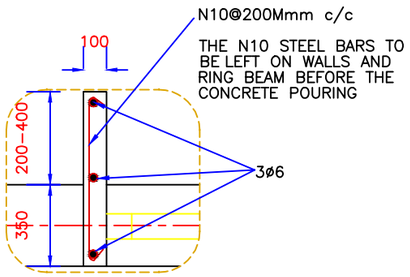


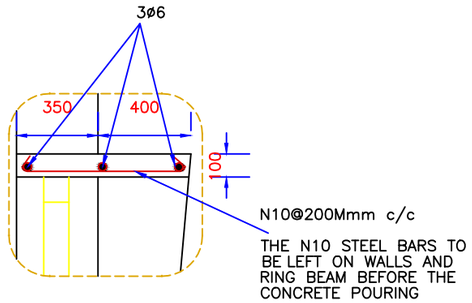
1 SC24 WINDOW PLAN WITH THE RCC FRME
SCALE: 1:25



2 SC24 SECTION A–A
SCALE: 1:25



3 SC24 DETAIL–A
SCALE: 1:25



4 SC24 DETAIL–B
SCALE: 1:25

ISSUED FOR TENDER

BENEFICIARY	INDEPENDENT ELECTION COMMISSION (IEC)
DONOR	FROM THE PEOPLE OF JAPAN
IMPLEMENTOR	UNITED NATIONS DEVELOPMENT PROGRAM
PROJECT: IEC BADAKHSHAN PROVINCIAL COMPOUND OFFICE BUILDING	
DRAWING TITLE:	WINDOW SECTION & DETAILS

DESIGNED:	A.S.M	PROJECT NO:	2013-28	DRAWING NO.	REV.
DRAWN:	GH.SARWAR	SHEET SIZE:	A3	SC24	0
CHECKED:	A.S.M	SCALE:	1:25		
APPROVED:	JIM IRVING	DATE:	05.11.2014		

No	DATE	REVISION
0	15.05.2013	ISSUED FOR TENDER PURPOSE ONLY
1		
2		
3		

NOTES
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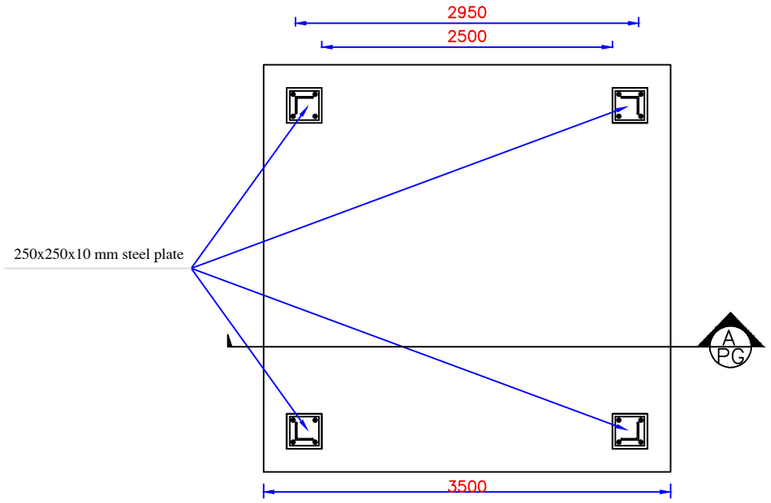
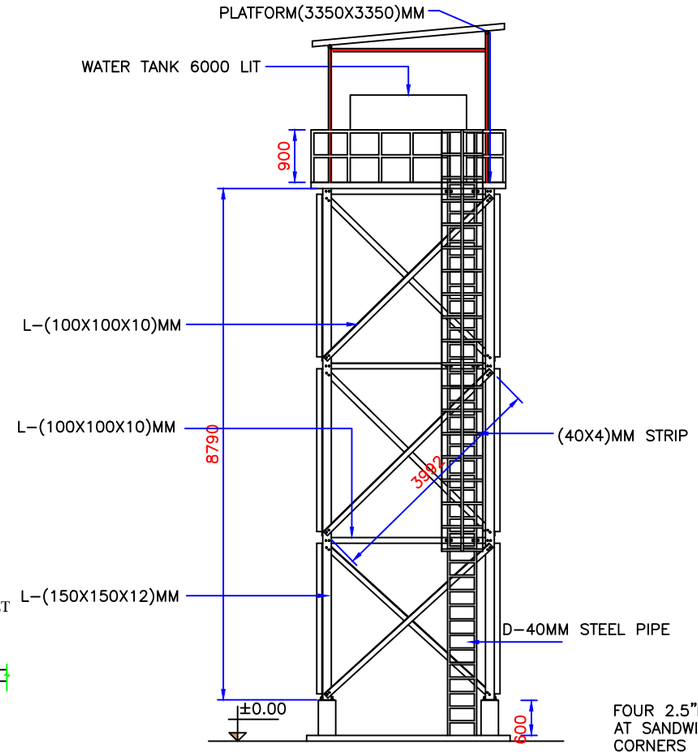
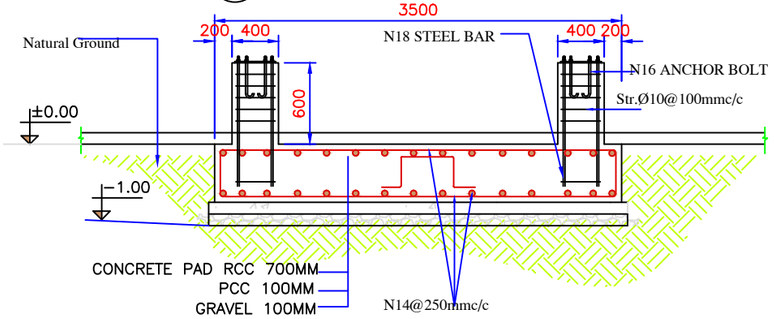


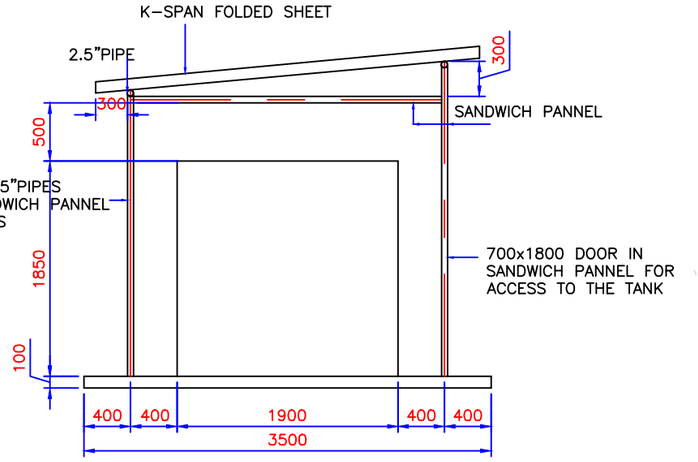
1 WS02 WATER TANK FOUNDATION PLAN
SCALE 1:50



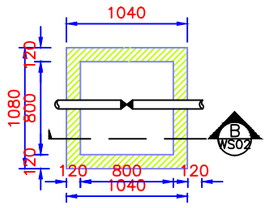
2 WS02 WATER TANK ELEVATION
SCALE 1:100



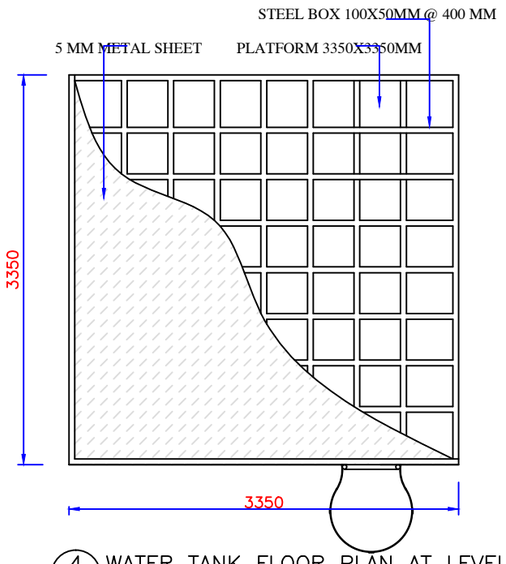
3 SC25 SECTION-A
SCALE 1:50



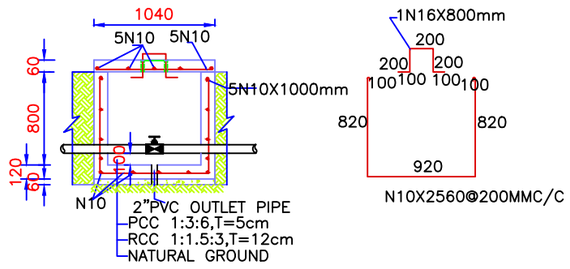
5 SC25 WATER TANK COVER AND ROOF DETAIL
SCALE 1:20



4 SC25 WATER SUPPLY MANHOLE PLAN
SCALE 1:20



4 SC25 WATER TANK FLOOR PLAN AT LEVEL +9.39
SCALE 1:50



6 SC25 WATER SUPPLY MANHOLE SECTION-B
SCALE 1:20

ISSUED FOR TENDER

BENEFICIARY	INDEPENDENT ELECTION COMMISSION (IEC)
DONOR	FROM THE PEOPLE OF JAPAN
IMPLEMENTOR	UNITED NATIONS DEVELOPMENT PROGRAM
PROJECT: IEC BADAKHSHAN PROVINCIAL COMPOUND OFFICE BUILDING	
DRAWING TITLE:	ELEVATED TANK STORAGE

DESIGNED:	A.K.M	PROJECT NO:	2013-28	DRAWING NO.	REV.
DRAWN:	GH.SARWAR	SHEET SIZE:	A3	SC25	0
CHECKED:	A.S.M	SCALE:	1:100, 1:50, 1:20		
APPROVED:	JIM IRVING	DATE:	05.11.2014		

No	DATE	REVISION
0	ISSUED FOR TENDER PURPOSE ONLY	
1		
2		
3		

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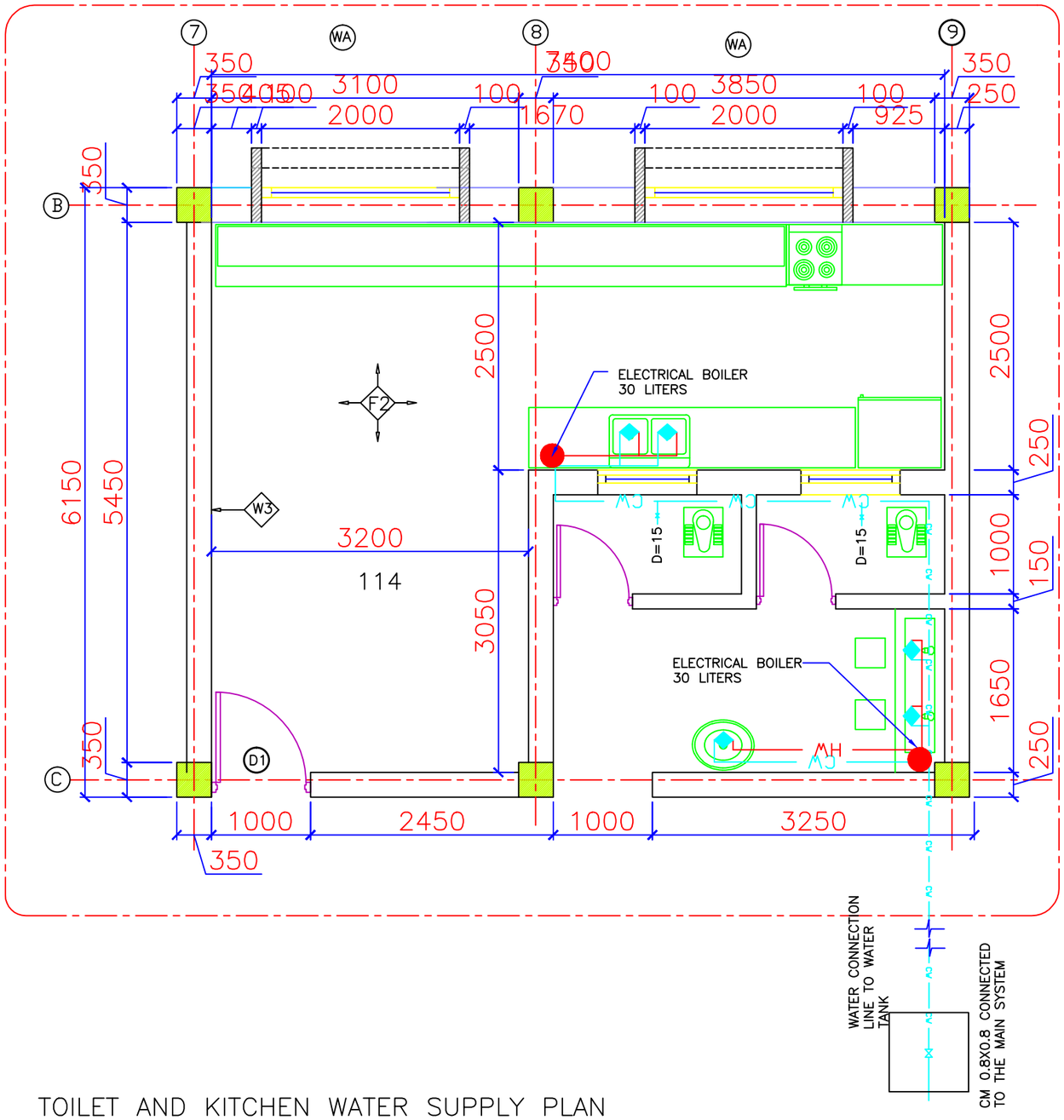
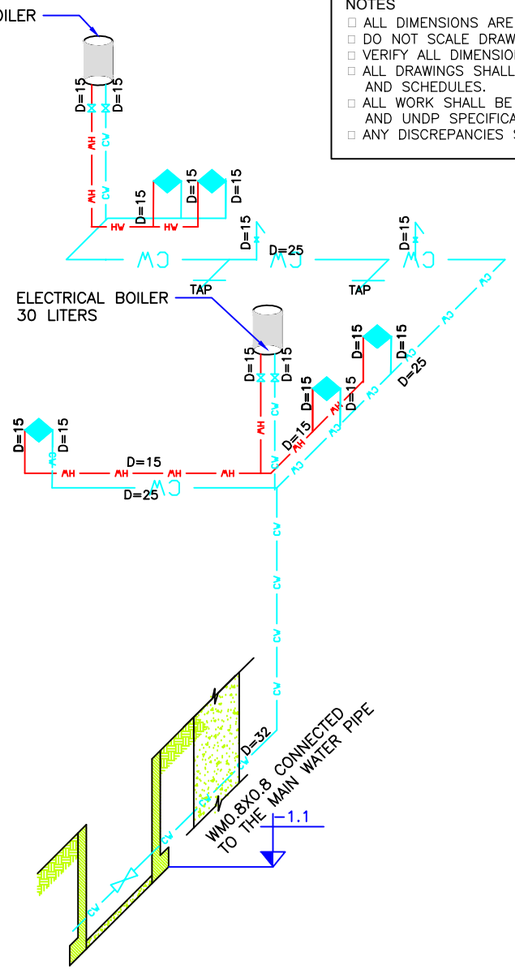


1 TOILET AND KITCHEN WATER SUPPLY PLAN
WS01 SCALE: 1:50



2 WS01 WATER SUPPLY ISOMETRIC
SCALE 1:50

CANALIZATION SYMBOLS:

- CANALIZATION LINE
- WESTERN COMMODE
- TURKISH COMMODE
- EYE INSPECTION
- HAND BASIN
- FLOOR P TRAP(F.P.T)
- CANALIZATION TEE
- CM CANALIZATION MANHOLE
- WM WATER SUPPLY MANHOLE
- ELECTRICAL BOILR
- CANALIZATION REDUCER
- CLEANOUT

WATER SUPPLY SYMBOLS:

- COLD WATER
- HOT WATER
- MIXER
- WATER SUPPLY REDUCER
- VALVE
- MUSLIM SHOWER
- TEE
- ELECTRICAL BOILR

ISSUED FOR TENDER

BENEFICIARY	INDEPENDENT ELECTION COMMISSION (IEC)
DONOR	FROM THE PEOPLE OF JAPAN
IMPLEMENTOR	UNITED NATIONS DEVELOPMENT PROGRAM
PROJECT: IEC BADAKHSHAAN PROVINCIAL COMPOUND OFFICE BUILDING	
DRAWING TITLE:	TOILET 1 AND KITCHEN WATER SUPPLY

DESIGNED:	A.W.S	PROJECT NO:	2013-28	DRAWING NO.	REV.
DRAWN:	A.W.S	SHEET SIZE:	A3	WS-01	0
CHECKED:	A.S.M	SCALE:	1:50		
APPROVED:	JIM IRVING	DATE:	05/05/2014		

No	DATE	REVISION
0	ISSUED FOR TENDER PURPOSE ONLY	
1		
2		
3		

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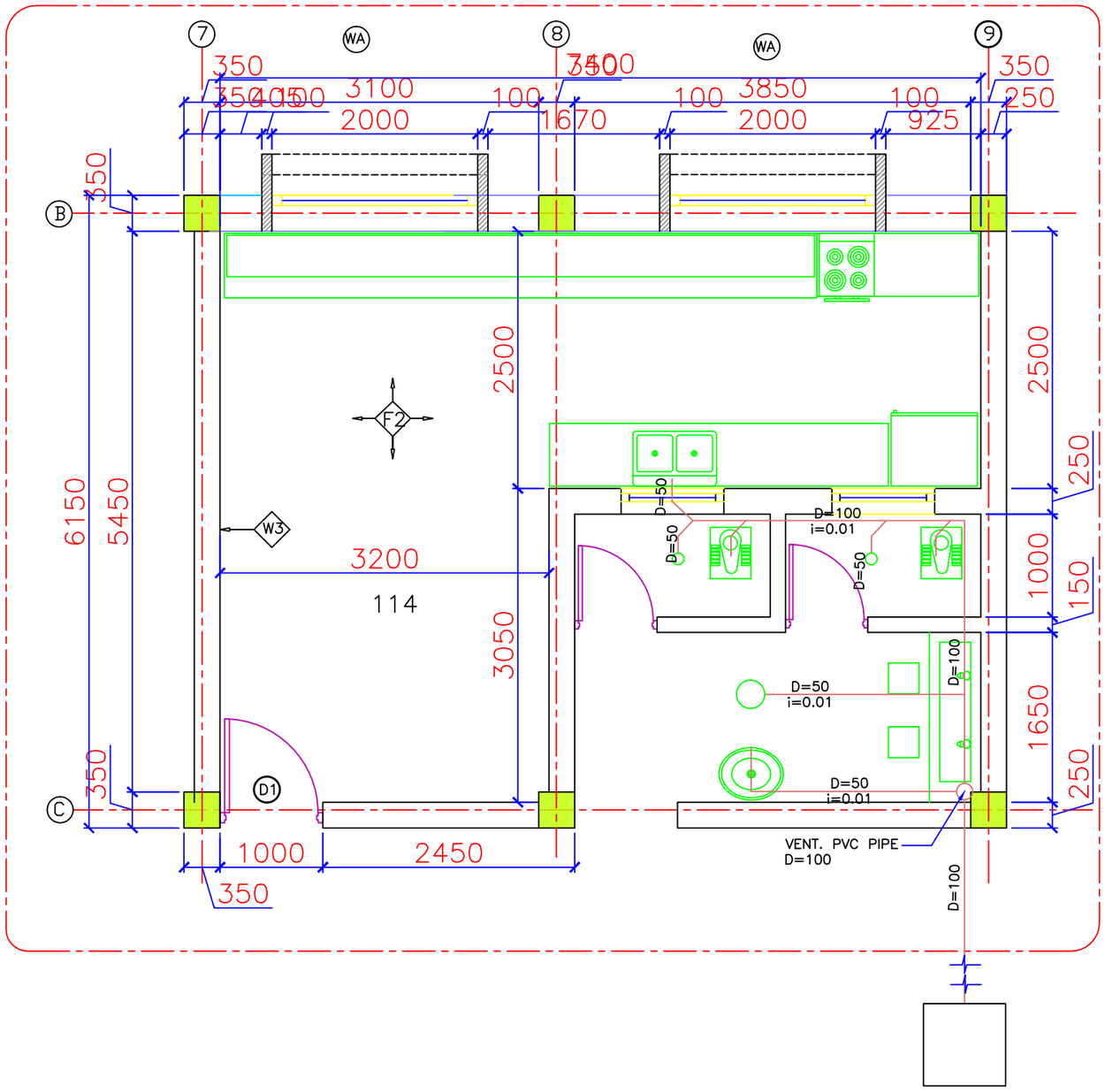
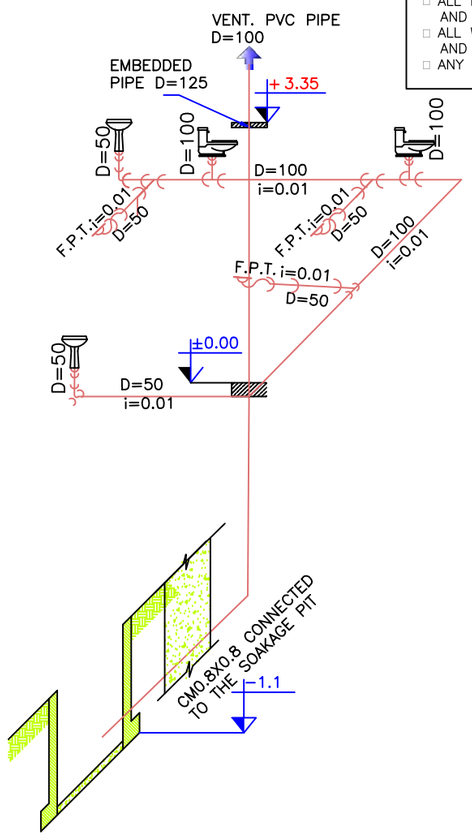


1 WS01 TOILET CANALIZATION PLAN
SCALE: 1:50



2 WS01 CANALIZATION ISOMETRIC
SCALE 1:50

CANALIZATION SYMBOLS:
- CANALIZATION LINE
- WESTERN COMMODE
- TURKISH COMMODE
- EYE INSPECTION
- HAND BASIN
- FLOOR P TRAP(F.P.T)
- CANALIZATION TEE
- CM CANALIZATION MANHOLE
- WM WATER SUPPLY MANHOLE
- ELECTRICAL BOILR
- CANALIZATION REDUCER
- CLEANOUT

WATER SUPPLY SYMBOLS:
- COLD WATER
- HOT WATER
- MIXER
- WATER SUPPLY REDUCER
- VALVE
- MUSLIM SHOWER
- TEE
- ELECTRICAL BOILR

ISSUED FOR TENDER

BENEFICIARY	INDEPENDENT ELECTION COMMISSION (IEC)
DONOR	FROM THE PEOPLE OF JAPAN
IMPLEMENTOR	UNITED NATIONS DEVELOPMENT PROGRAM
PROJECT: IEC BADAKHSHAAN PROVINCIAL COMPOUND OFFICE BUILDING	
DRAWING TITLE:	TOILET 1 CANALIZATION PLAN

DESIGNED:	A.W.S	PROJECT NO:	2013-28	DRAWING NO.	REV.
DRAWN:	A.W.S	SHEET SIZE:	A3	WS-02	0
CHECKED:	A.S.M	SCALE:	1:50		
APPROVED:	JIM IRVING	DATE:	05/05/2014		

ALL DIMENSION IN MM

No	DATE	REVISION
0	ISSUED FOR TENDER PURPOSE ONLY	
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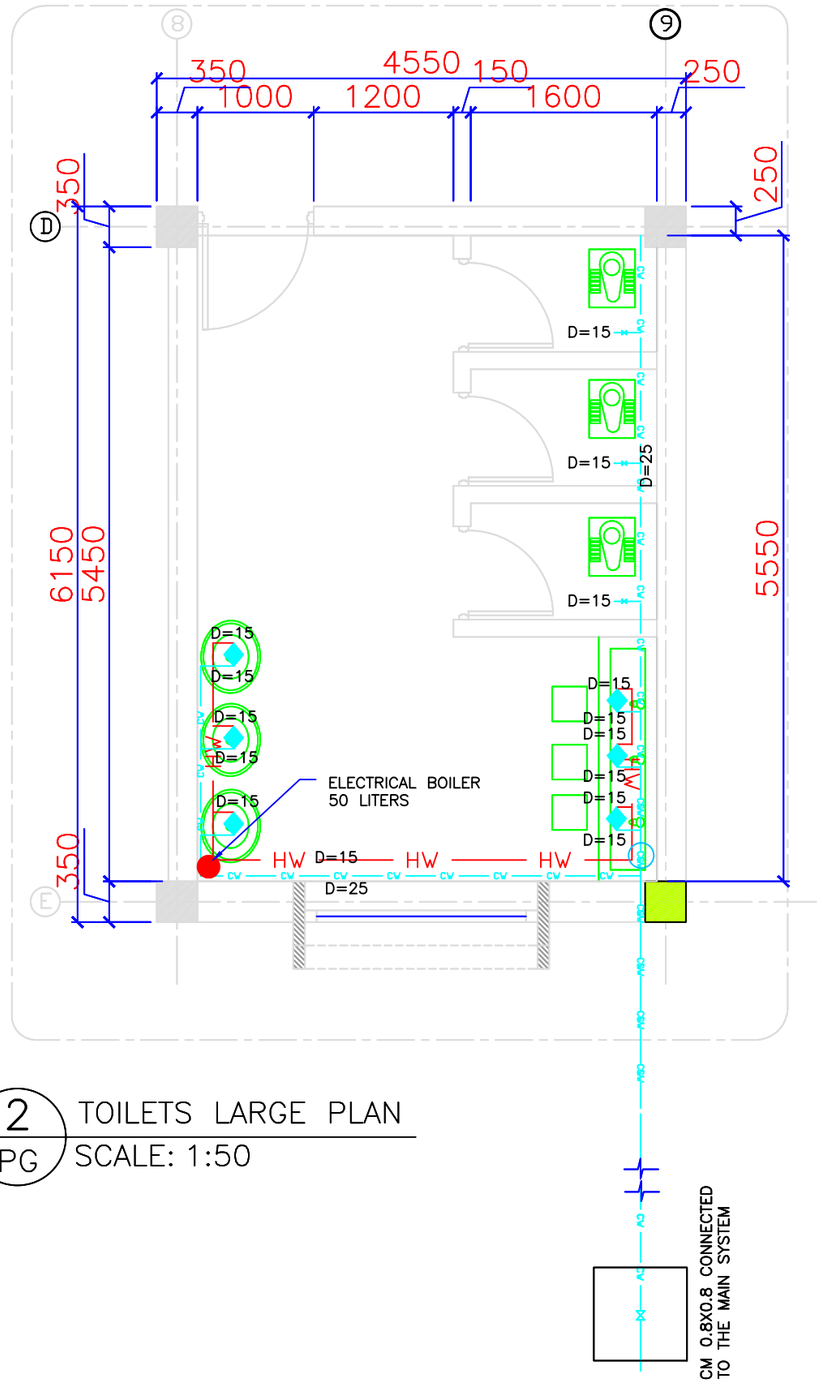
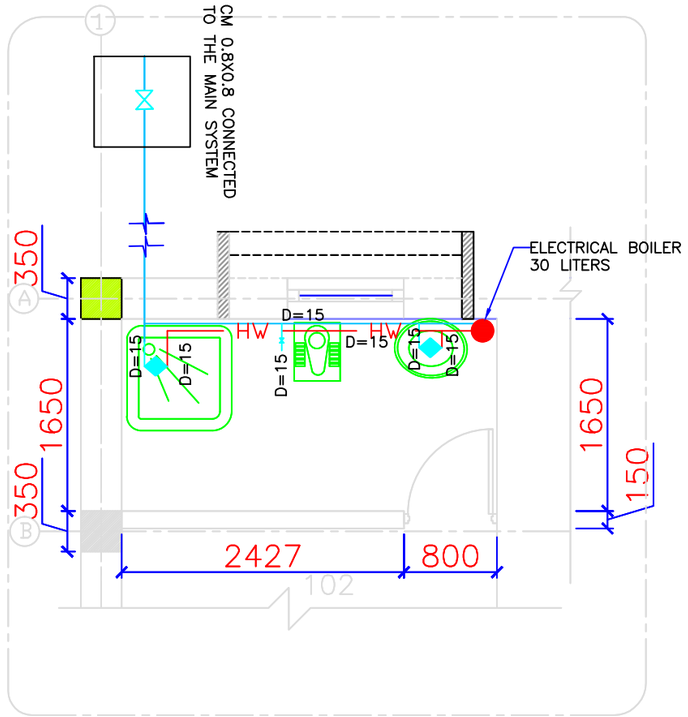


2 / PG TOILETS LARGE PLAN
SCALE: 1:50



CANALIZATION SYMBOLS:
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- WESTERN COMMODE
- TURKISH COMMODE
- EYE INSPECTION
- HAND BASIN
- FLOOR P TRAP(F.P.T)
- CANALIZATION TEE
- CM CANALIZATION MANHOLE
- WM WATER SUPPLY MANHOLE
- ELECTRICAL BOILR
- CANALIZATION REDUCER
- CLEANOUT

WATER SUPPLY SYMBOLS:
- COLD WATER
- HOT WATER
- MIXER
- WATER SUPPLY REDUCER
- VALVE
- MUSLIM SHOWER
- TEE
- ELECTRICAL BOILR

ISSUED FOR TENDER

BENEFICIARY	INDEPENDENT ELECTION COMMISSION (IEC)
DONOR	FROM THE PEOPLE OF JAPAN
IMPLEMENTOR	UNITED NATIONS DEVELOPMENT PROGRAM
PROJECT: IEC BADAKHSHAAN PROVINCIAL COMPOUND OFFICE BUILDING	
DRAWING TITLE:	TOILET DETAILS

DESIGNED:	A.W.S	PROJECT NO:	2013-28	DRAWING NO.	REV.
DRAWN:	A.W.S	SHEET SIZE:	A3	WS-03	0
CHECKED:	A.S.M	SCALE:	1:50		
APPROVED:	JIM IRVING	DATE:	05/05/2014		

No	DATE	REVISION
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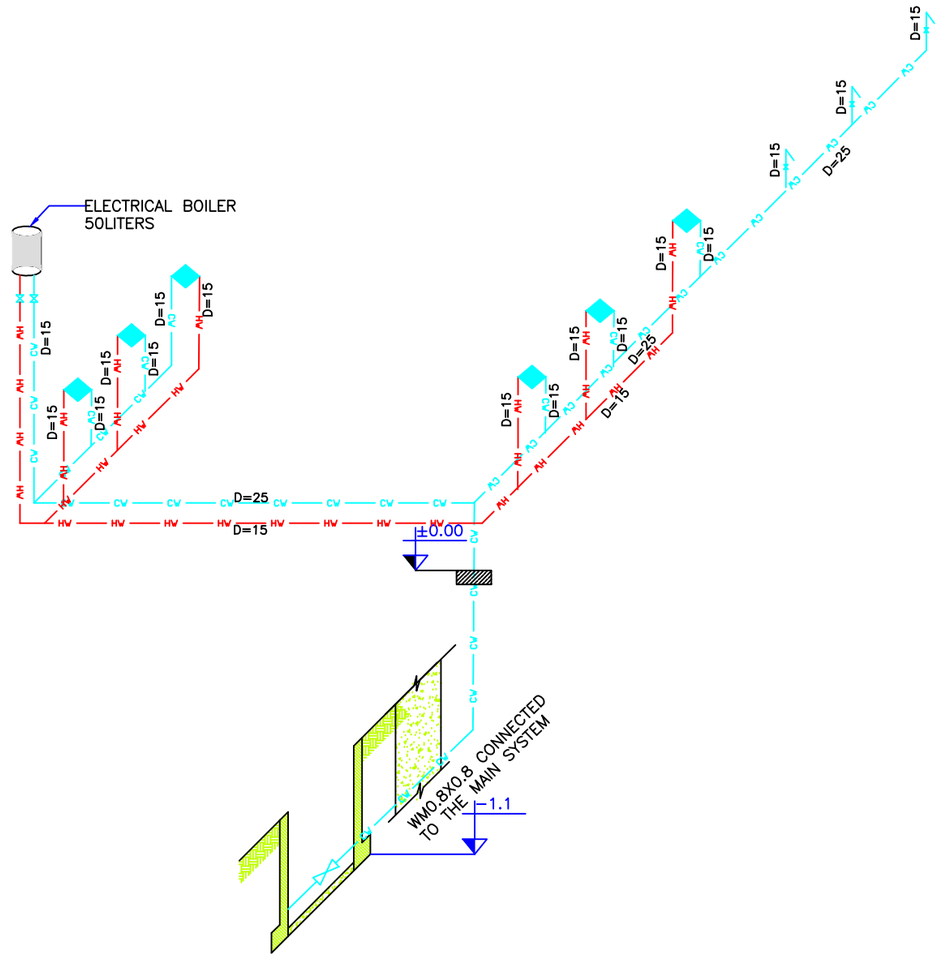
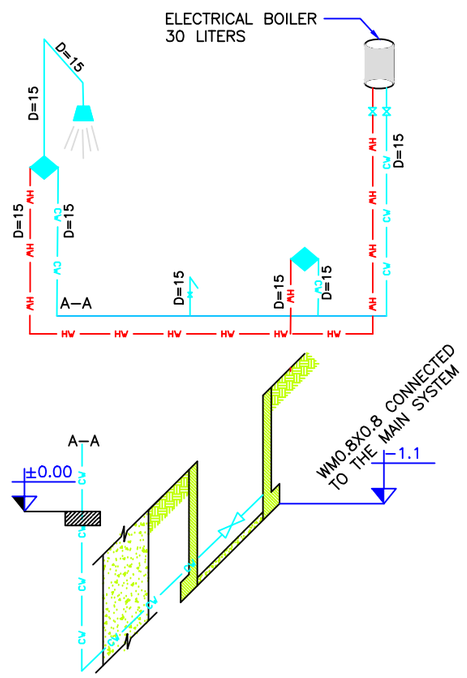


2 WS01 WATER SUPPLY ISOMETRIC
SCALE 1:50



2 WS01 WATER SUPPLY ISOMETRIC
SCALE 1:50

ISSUED FOR TENDER

BENEFICIARY	INDEPENDENT ELECTION COMMISSION (IEC)
DONOR	FROM THE PEOPLE OF JAPAN
IMPLEMENTOR	UNITED NATIONS DEVELOPMENT PROGRAM
PROJECT: IEC BADAKHSHAAN PROVINCIAL COMPOUND OFFICE BUILDING	
DRAWING TITLE:	TOILET 2 WATER SUPPLY ISOMETRIC

DESIGNED:	A.W.S	PROJECT NO:	2013-28	DRAWING NO.	REV.
DRAWN:	A.W.S	SHEET SIZE:	A3	WS-04	0
CHECKED:	A.S.M	SCALE:	1:50		
APPROVED:	JIM IRVING	DATE:	05/05/2014		

No	DATE	REVISION
0	ISSUED FOR TENDER PURPOSE ONLY	
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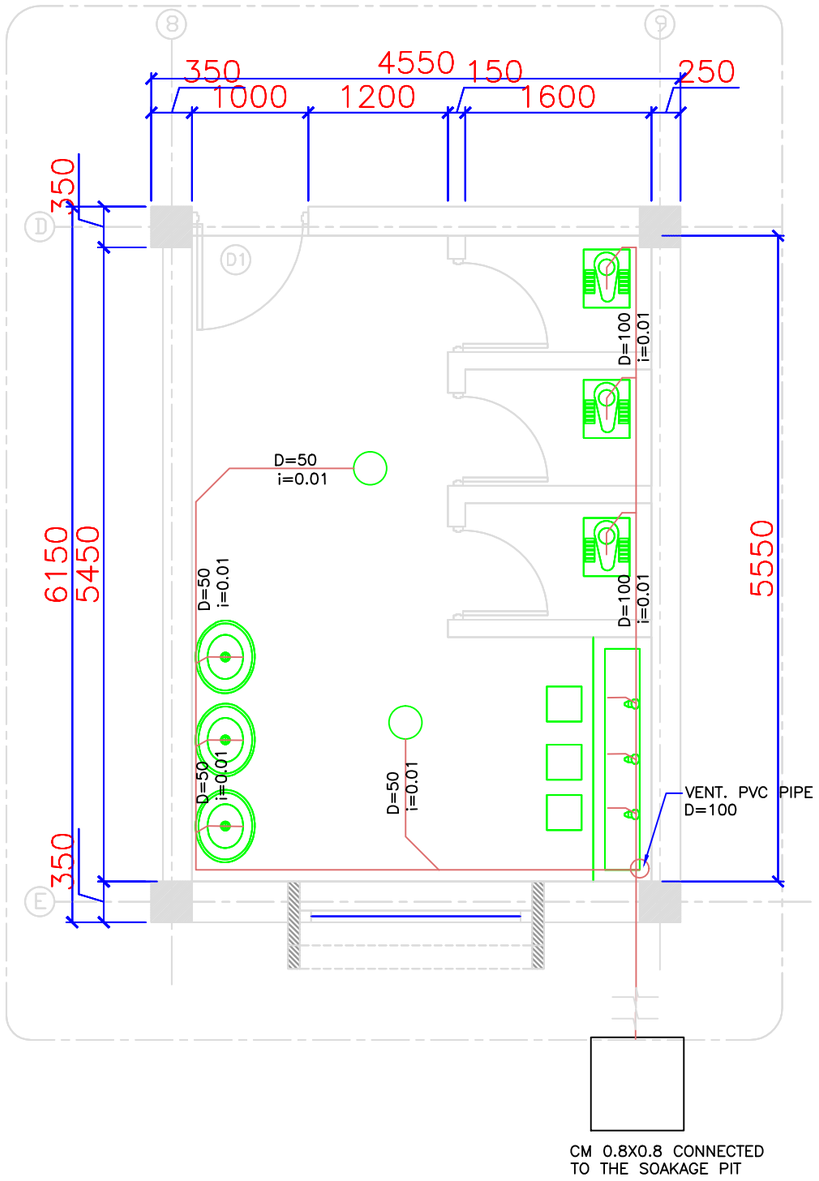

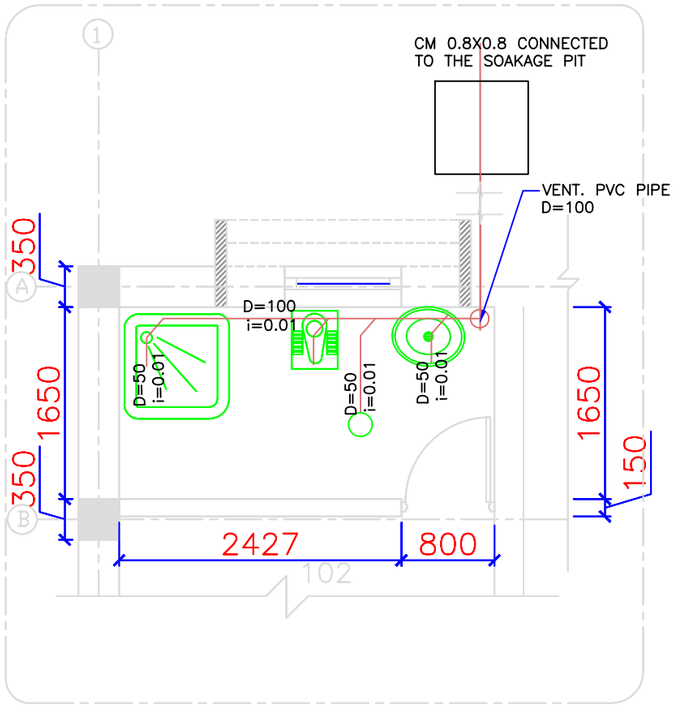

CANALIZATION SYMBOLS:

- CANALIZATION LINE
- WESTERN COMMODE
- TURKISH COMMODE
- EYE INSPECTION
- HAND BASIN
- FLOOR P TRAP(F.P.T)
- CANALIZATION TEE
- CM — CANALIZATION MANHOLE
- WM — WATER SUPPLY MANHOLE
- ELECTRICAL BOILR
- CANALIZATION REDUCER
- CLEANOUT

WATER SUPPLY SYMBOLS:

- COLD WATER
- HOT WATER
- MIXER
- WATER SUPPLY REDUCER
- VALVE
- MUSLIM SHOWER
- TEE
- ELECTRICAL BOILR

2 / PG — TOILETS CANALIZATION PLAN
SCALE: 1:50

ISSUED FOR TENDER

BENEFICIARY	INDEPENDENT ELECTION COMMISSION (IEC)
DONOR	FROM THE PEOPLE OF JAPAN
IMPLEMENTOR	UNITED NATIONS DEVELOPMENT PROGRAM

PROJECT: IEC BADAKHSHAAN PROVINCIAL COMPOUND OFFICE BUILDING

DRAWING TITLE: TOILET 2 CANALIZATION PLAN

DESIGNED:	A.W.S	PROJECT NO:	2013-28	DRAWING NO.	REV.
DRAWN:	A.W.S	SHEET SIZE:	A3	WS-05	0
CHECKED:	A.S.M	SCALE:	1:50		
APPROVED:	JIM IRVING	DATE:	05/05/2014		

No	DATE	REVISION
0	ISSUED FOR TENDER PURPOSE ONLY	
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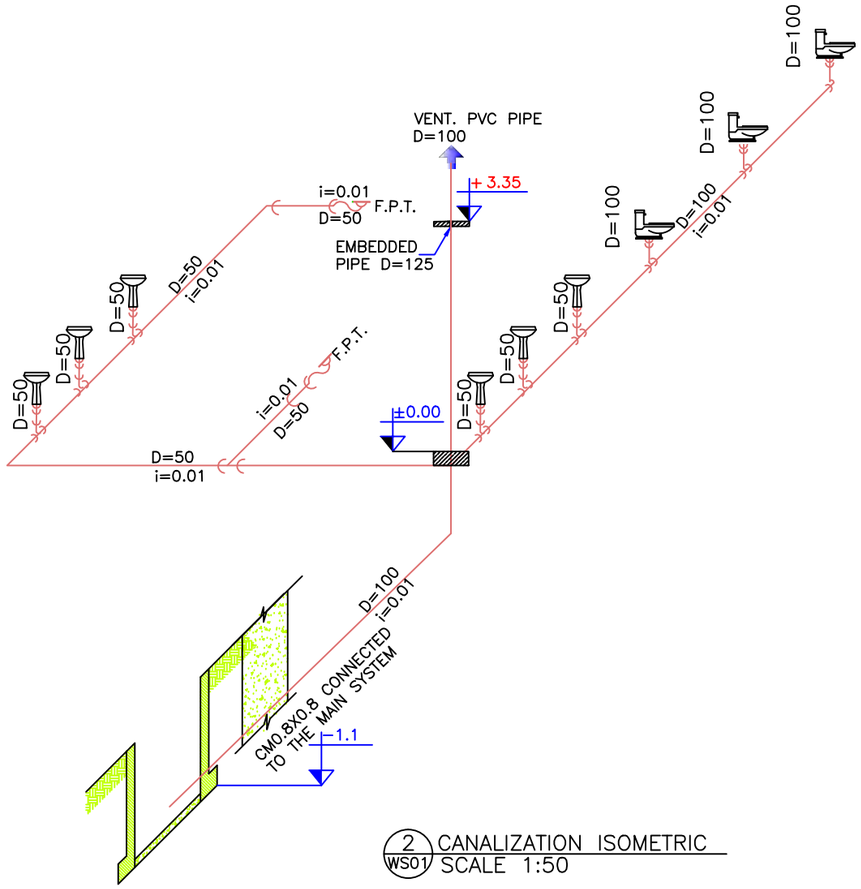
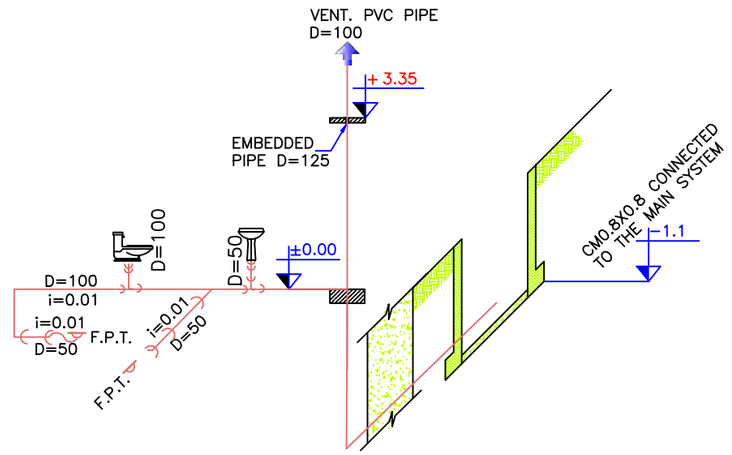


2 WS01 CANALIZATION ISOMETRIC
SCALE 1:50



2 WS01 CANALIZATION ISOMETRIC
SCALE 1:50

ISSUED FOR TENDER

BENEFICIARY	INDEPENDENT ELECTION COMMISSION (IEC)
DONOR	FROM THE PEOPLE OF JAPAN
IMPLEMENTOR	UNITED NATIONS DEVELOPMENT PROGRAM

PROJECT: IEC BAAKHSHAAN PROVINCIAL COMPOUND OFFICE BUILDING

DRAWING TITLE: TOILETS 2 CANALIZATION ISOMETRIC

DESIGNED:	A.W.S	PROJECT NO:	2013-28	DRAWING NO.	REV.
DRAWN:	A.W.S	SHEET SIZE:	A3	WS-06	0
CHECKED:	A.S.M	SCALE:	1:50		
APPROVED:	JIM IRVING	DATE:	05/05/2014		

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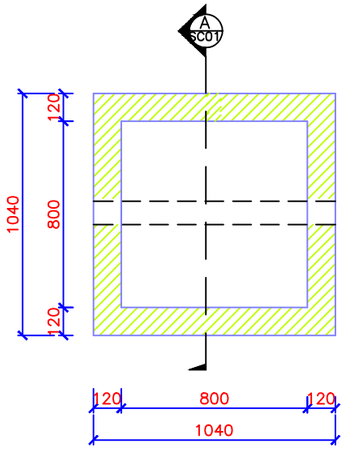
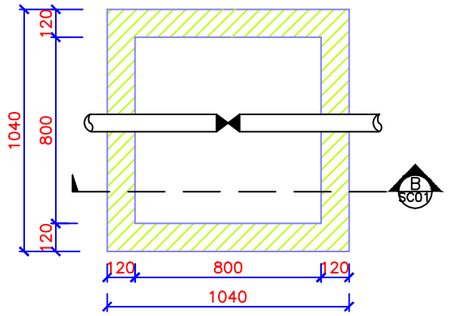
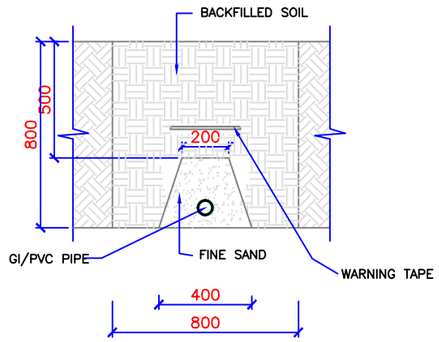


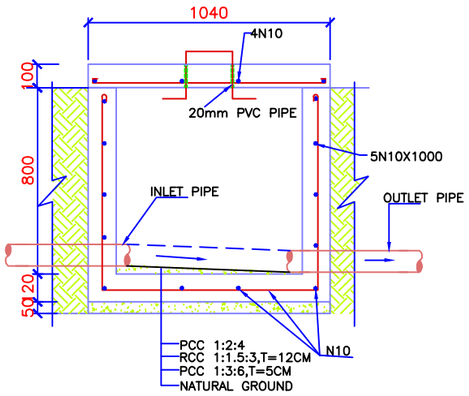
1 SC01 CANALIZATION MANHOLE PLAN
SCALE 1:20



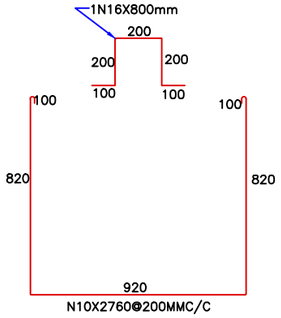
2 SC01 WATER SUPPLY MANHOLE PLAN
SCALE 1:20

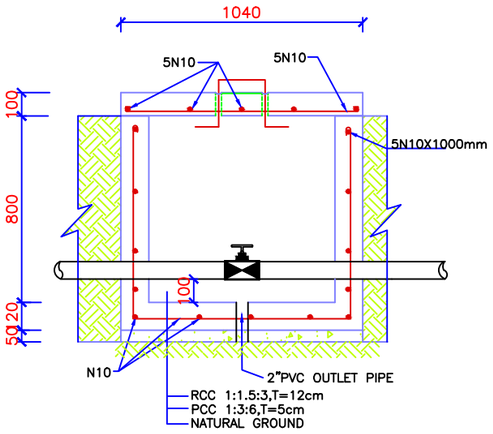


4 SC01 TRENCH OF WATER SUPPLY/SEWERAGE PIPE BURY DETAIL
SCALE 1:20

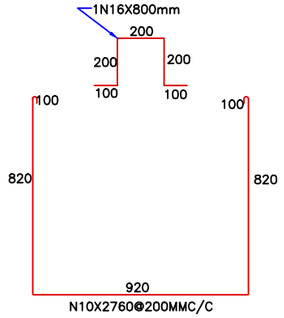


A SC01 CANALIZATION MANHOLE SECTION
SCALE 1:20





B SC01 WATER SUPPLY MANHOLE SECTION
SCALE 1:20



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