

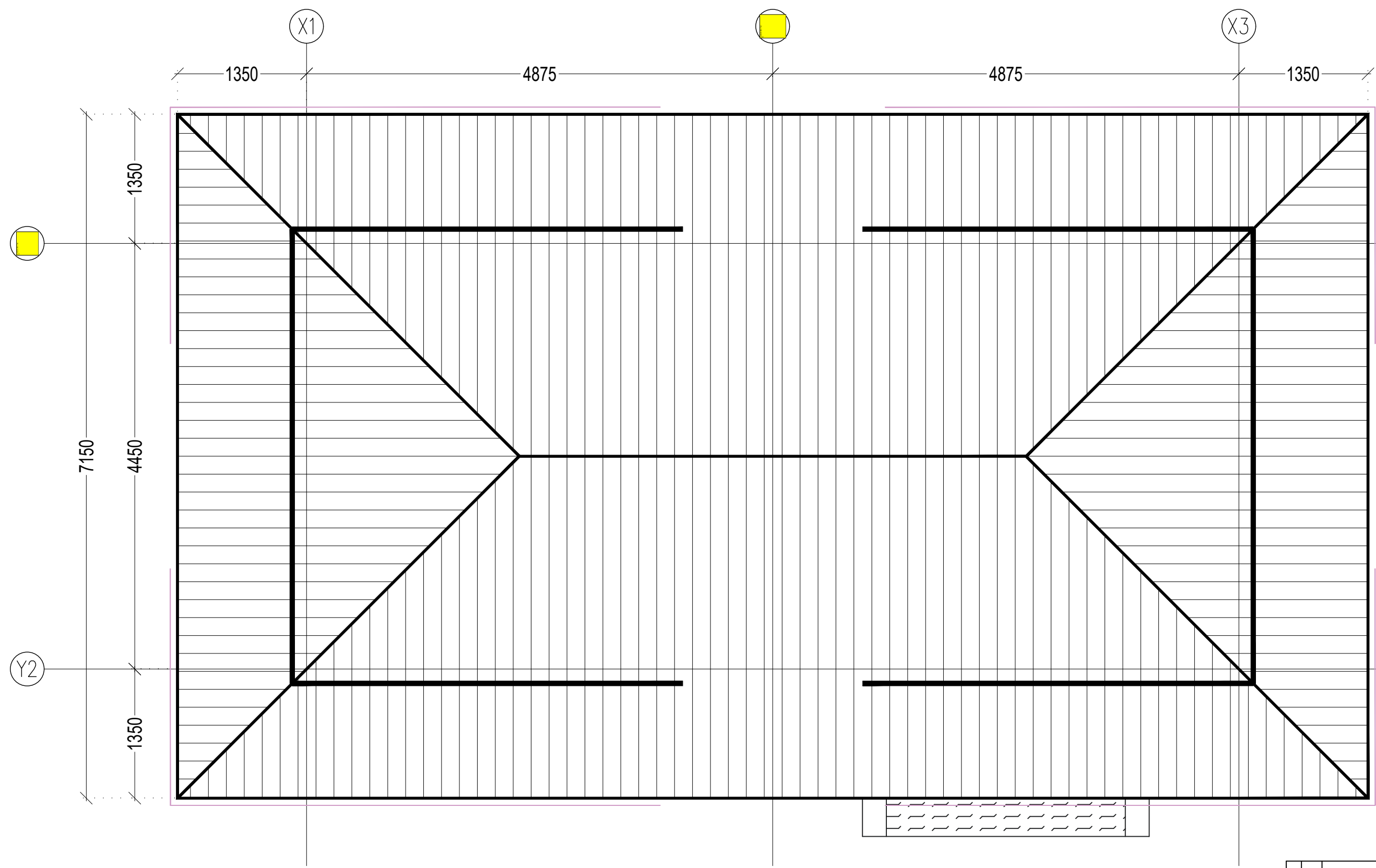



# PUMP HOUSE PLAN

REV.	DATE	DESCRIPTION	BY	CHKD.	APPRD.
 <b>BHUTAN POWER CORPORATION LTD.</b> TRANSMISSION CONSTRUCTION DEPARTMENT					
PROJECT: CONSTRUCTION OF 66/33 kV SUBSTATION AT JAMTSHOLING, SIPSOO					
TITLE: PUMP ARCHITECTURAL DRAWINGS					
DESIGNED / DRAWN: (DORJI KHILEY) BE / MPE-CIVIL			APPROVED: 		
			DATE: FEBRUARY 2021		
			SCALE: AS STATED		
DWG. NO: BPC/TCD/TPO/12-01/DWG-C/PH-ARCH-01					REV. RO



ROOF PLAN

REV	DATE	DESCRIPTION


**BHUTAN POWER CORPORATION LTD.**  
 TRANSMISSION CONSTRUCTION DEPARTMENT  
 AT WANGCHOLING, SIPSU

**TITLE:**  
 PUMP ARCHITECTURAL DRAWINGS

DATE : FEBRUARY 2021  
 AS STATED

DWG. NO: BPC/TCD/TPO/12-01/DWG-C/PH-ARCH-02

Roof lvl +5.260m

Eaves lvl +4.500m

Roof slab lvl +3.900m

Plinth lvl +0.300m



Ground lvl +0.000m

X1

X2

X3

# FRONT ELEVATION

REV	DATE	DESCRIPTION	BY	CHKD.	APPRD.
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TITLE : PUMP ARCHITECTURAL DRAWINGS					
DESIGNED / DRAWING : (DORJI KINLEY) BE / MPE-CIVIL			APPROVED :  DATE : FEBRUARY 2021 SCALE : AS STATED		
DWG. NO: BPC/TCD/TPO/12-01/DWG-C/PH-ARCH-03 REV. 00					

Roof lvl +5.260m

Eaves lvl +4.500m

Roof slab lvl +3.900m

Plinth lvl +0.300m



Ground lvl +0.000m

X1

X2

X3

### REAR ELEVATION

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 <b>BHUTAN POWER CORPORATION LTD.</b> TRANSMISSION CONSTRUCTION DEPARTMENT					
PROJECT 'CONSTRUCTION OF 66/33 kV SUBSTATION AT JAMTSHOLING, SIPSOO					
TITLE: PUMP ARCHITECTURAL DRAWINGS					
DESIGNED / DRAWING			APPROVED :		
(DORJI KINLEY) BE / MPE-CIVIL			 DATE : FEBRUARY 2021 SCALE : AS STATED		
DWG. NO: BPC/TCD/TPO/12-01/DWG-C/PH-ARCH-04					
					REV. RO

Y2

Y1

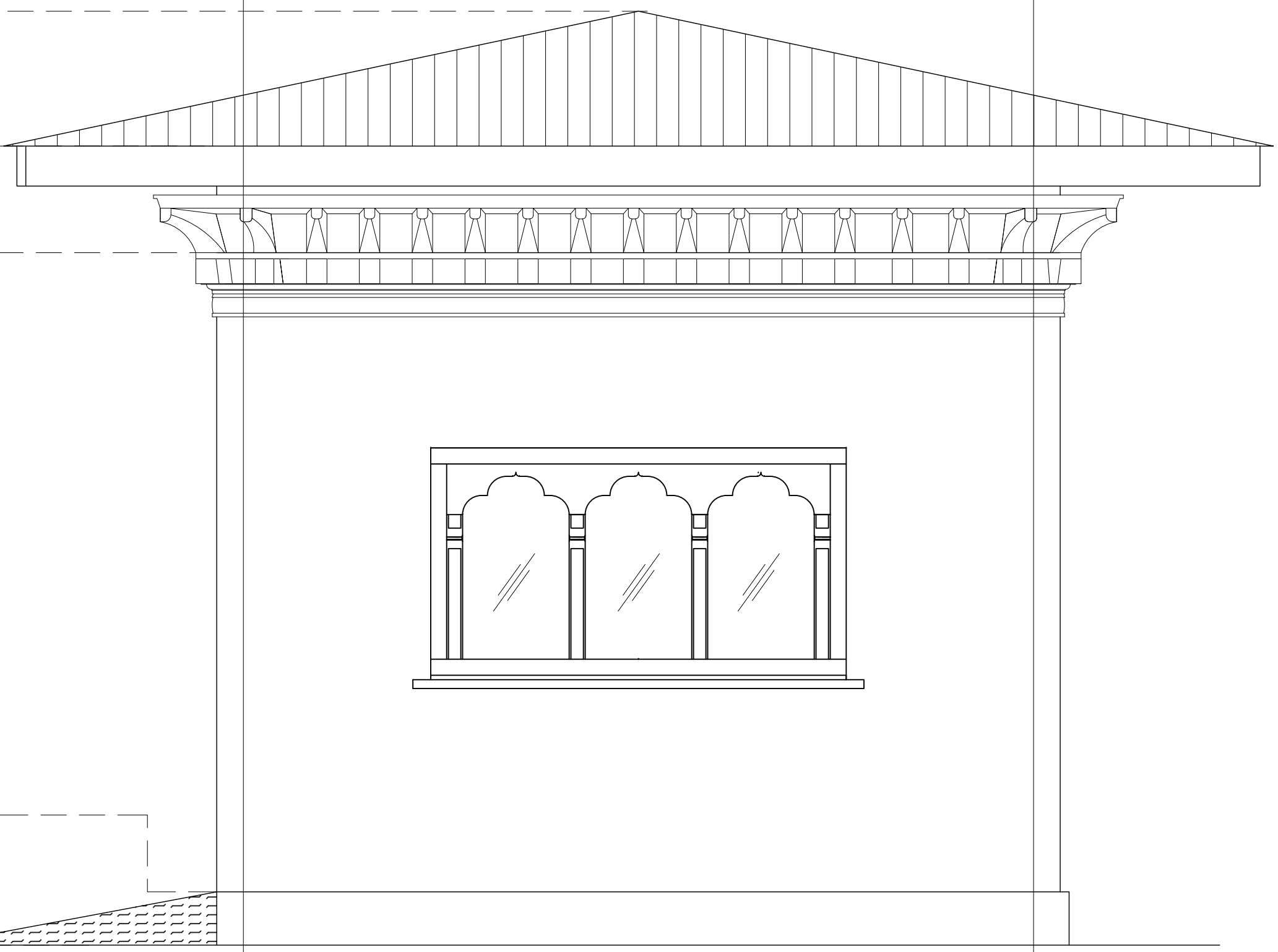
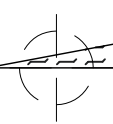
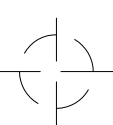
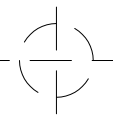
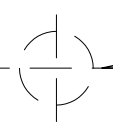
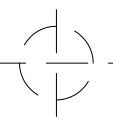
Roof lvl +5.260m

Eaves lvl +4.500m


Roof slab lvl +3.900m

Plinth lvl +0.300m

Ground lvl +0.000m



# RIGHT ELEVATION

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 <b>BHUTAN POWER CORPORATION LTD.</b> TRANSMISSION CONSTRUCTION DEPARTMENT					
PROJECT 'CONSTRUCTION OF 66/33 kV SUBSTATION AT JAMTSHOLING, SIPSOO					
TITLE: PUMP ARCHITECTURAL DRAWINGS					
DESIGNED / DRAWING			APPROVED :		
(DORJI KHILEY) BE / MPE-CIVIL			DATE : FEBRUARY 2021		
DWG. NO: BPC/TCD/TPO/12-01/DWG-C/PH-ARCH-05			SCALE : AS STATED		REV. RO

Roof lvl +5.260m

Eaves lvl +4.500m

Roof slab lvl +3.900m



Plinth lvl +0.300m

Ground lvl +0.000m

Y1

Y2

# LEFT ELEVATION

REV	DATE	DESCRIPTION	BY	CHKD.	APPRD.
 <b>BHUTAN POWER CORPORATION LTD.</b> TRANSMISSION CONSTRUCTION DEPARTMENT					
PROJECT 'CONSTRUCTION OF 66/33 kV SUBSTATION AT JAMTSHOLING, SIPSOO					
TITLE: PUMP ARCHITECTURAL DRAWINGS					
DESIGNED / DRAWN: (DORJI KINLEY) BE / MPE-CIVIL			APPROVED: 		
			DATE : FEBRUARY 2021		
			SCALE : AS STATED		
DWG. NO: BPC/TCD/TPO/12-01/DWG-C/PH-ARCH-06			REV. RO		

Roof lvl +5.260m

Eaves lvl +4.500m

Roof slab lvl +3.900m

Plinth lvl +0.300m

Ground lvl +0.000m

Y2

Y1

REFER STRUCTURAL DWG

600

600

400

952

150

1200

90

1119


300

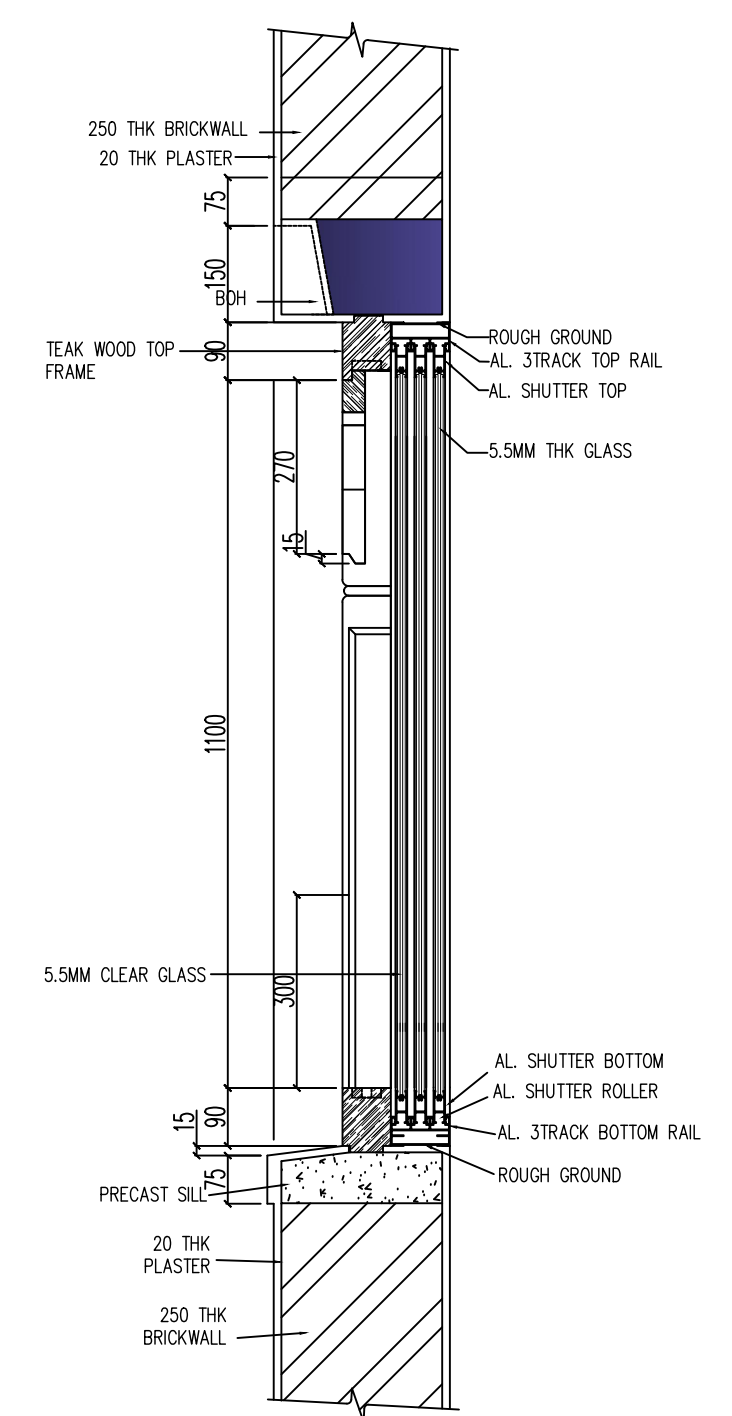
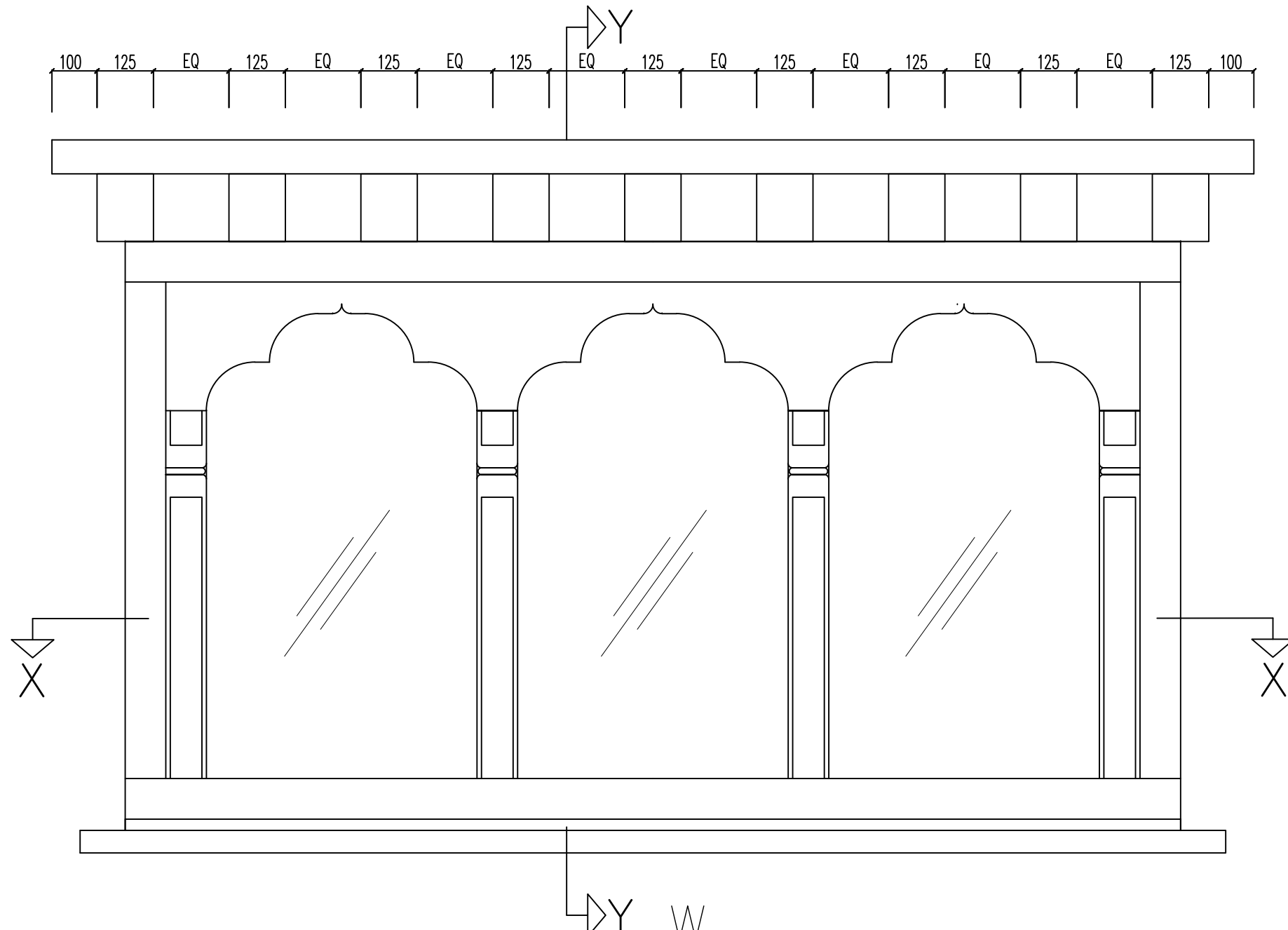
3200

Monorail beam  
ISMB 250, 4225mm length

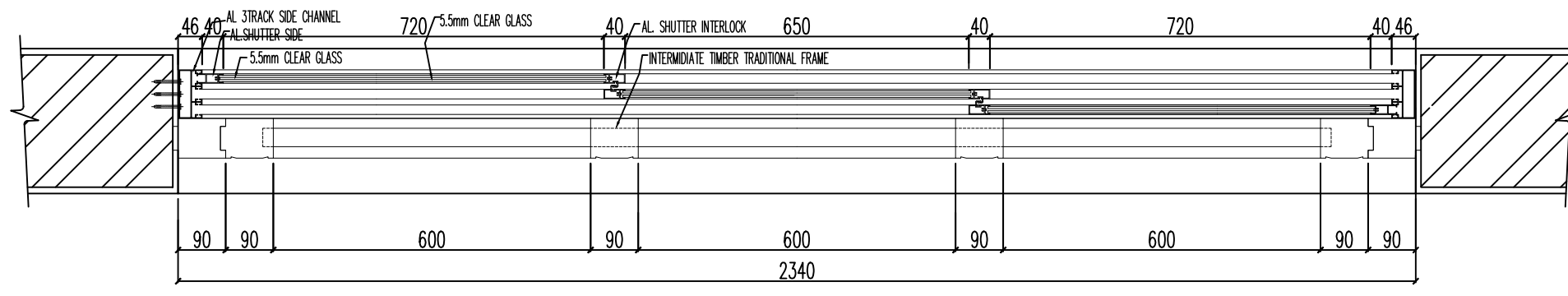
- 100 mm thick PCC 1:3:6 with neat cement finish
- Damp Proof Course
- 50mm thick stabilized sand band
- 150mm thick stone soling
- Compacted earth

# SECTION 1-1

REV	DATE	DESCRIPTION	BY	CHKD.	APPRD.
 <b>BHUTAN POWER CORPORATION LTD.</b> TRANSMISSION CONSTRUCTION DEPARTMENT					
PROJECT 'CONSTRUCTION OF 66/33 kV SUBSTATION AT JAMTSHOLING, SIPSOO					
TITLE: PUMP ARCHITECTURAL DRAWINGS					
DESIGNED / DRAWN: (DORJI KINLEY) BE / MPE-CIVIL			APPROVED: [Signature] DATE: FEBRUARY 2021		
DWG. NO: BPC/TCD/TPO/12-01/DWG-C/PH-ARCH-07					REV. RO



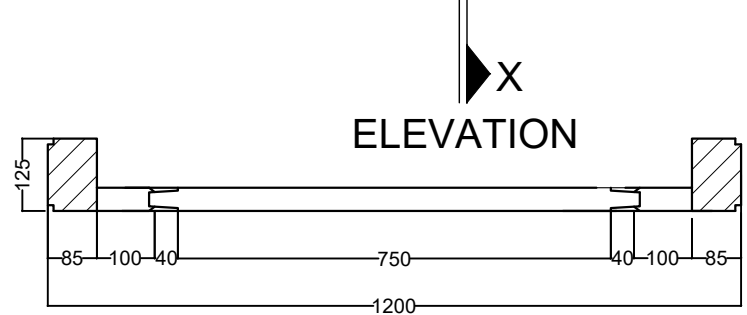
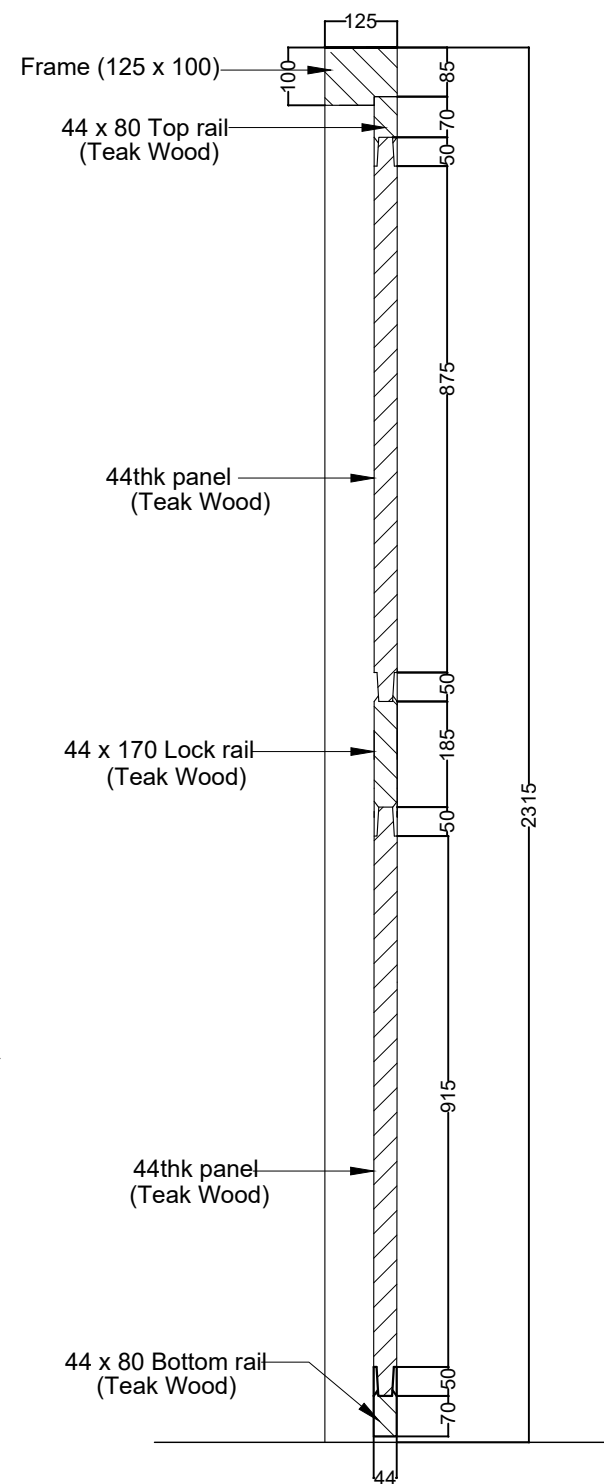
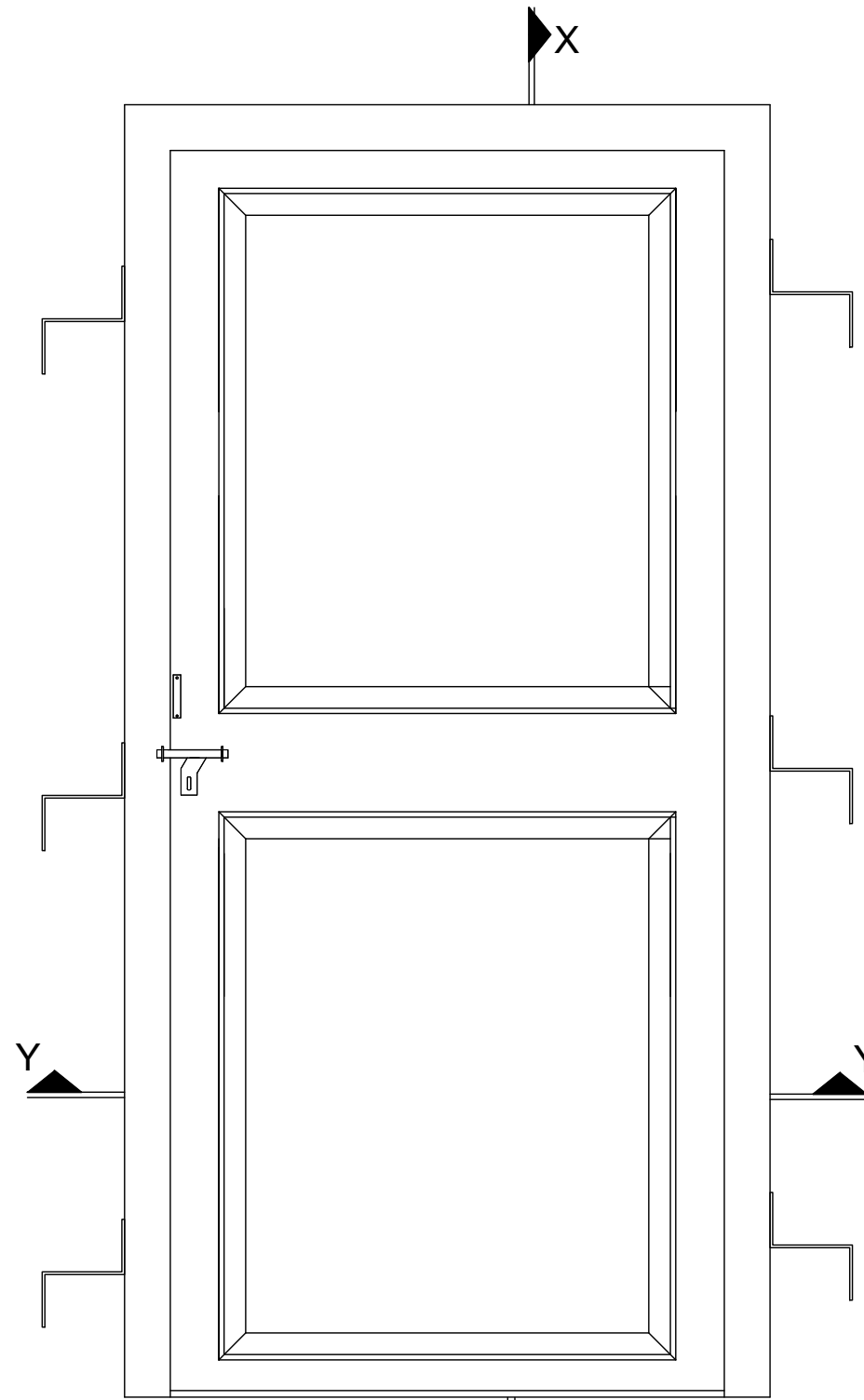
**SECTION Y-Y**



**SECTION X-X**



REV	DATE	DESCRIPTION	BY	CHKD.	APPRD.
<b>BHUTAN POWER CORPORATION LTD.</b> TRANSMISSION CONSTRUCTION DEPARTMENT					
PROJECT 'CONSTRUCTION OF 66/33 kV SUBSTATION AT JAMTSHOLING, SIPSOO'					
TITLE: PUMP ARCHITECTURAL DRAWINGS					
DESIGNED / DRAWING			APPROVED :		
(DORJI KHILEY) BE / MPE-CIVIL			DATE : FEBRUARY 2021		
DWG. NO: BPC/TCD/TP0/12-01/DWG-C/PH-ARCH-08			SCALE : AS STATED		REV. RO





**SECTION Y-Y  
PLAN  
D2(1200 x2315 mm)  
\*\* Same as CRB**

**SECTION X-X**


REV	DATE	DESCRIPTION	BY	CHKD.	APPRD.
 <b>BHUTAN POWER CORPORATION LTD.</b> TRANSMISSION CONSTRUCTION DEPARTMENT					
PROJECT 'CONSTRUCTION OF 66/33 kV SUBSTATION AT JAMTSHOLING, SIPSOO					
TITLE: <b>PUMP ARCHITECTURAL DRAWINGS</b>					
DESIGNED / DRAWING			APPROVED :		
(DORJI KINLEY) BE / MPE-CIVIL			 DATE : FEBRUARY 2021		
DWG. NO: BPC/TCD/TPO/12-01/DWG-C/PH-ARCH-09					REV. RO
SCALE : AS STATED					

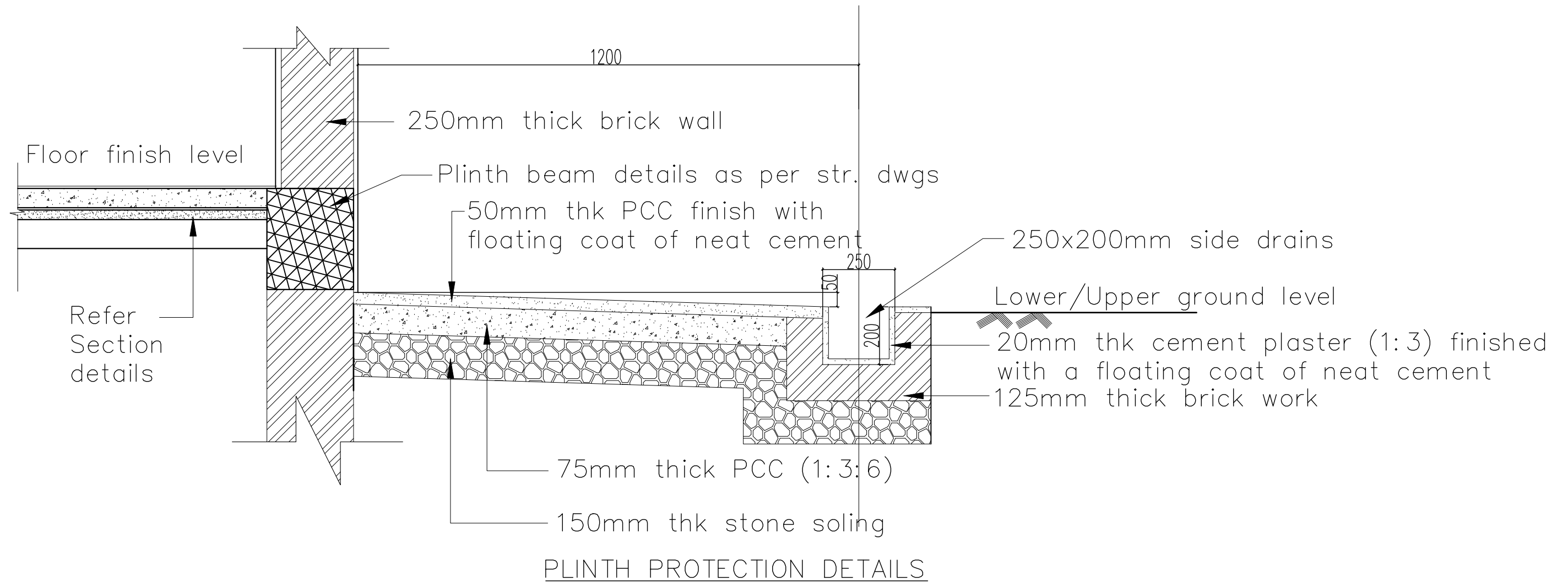
## Door and window schedule


Sl.No	Items	Item No.	Description
01	W	4	Teak wood frame with Anodized aluminum framed ventilator windows
02	D2	1	Teak wood frame with teak shutter
03	RS	1	Steel rolling shutters, manually OP, 2/3rd Grilled, 1/3rd Shutter

### Notes:-

1. All steel door (RS) to be painted with 2 coats of synthetic paint over  $\frac{1}{2}$  coat of suitable primer
2. All glazing for ventilator windows, 5.5mm thick clear float glass
3. Aluminium Door/Windows natural anodised (15 micron)

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DWG. NO: BPC/TCD/TPO/12-01/DWG-C/PH-ARCH-10					REV. RO



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(DORJI KINLEY) BE / MPE-CIVIL			DATE: FEBRUARY 2021		
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			REV. RO		