

ARCHITECTURAL DRAWINGS FOR PROPOSED FUEL RETAIL OUTLET, G+1 STORIED SALES BUILDING AND OTHER STRUCTURES .

LOCATION: DAMCHU-CHUKHA BYPASS ROAD (TRI-JUNCTION), BJABCHHOG GEWOG, CHUKHA DZONGKHAG.

OWNER: STATE TRADING CORPORATION OF BHUTAN LTD. THIMPHU

www.greendesign.com.bt
gdsbhutan@gmail.com
+975 17631322/77845668

OFFICE: FLAT NO 8, GONGDZIN LAM
ABOVE 8/11 CONVENIENT STORE
NEXT TO THIMPHU THROMDE BUILDING
THIMPHU: BHUTAN

PROJECT:

TITLE: FUEL RETAIL OUTLET
LOCATION: TRI-JUNCTION, CHUKHA
OWNER: STCBL
PLOT ID: -
THARM NO: -
FLOORS: G+1 STRUCTURE

REMARKS



OWNER SIGNATURE

DESIGNED BY:

ANIZ PRADHAN
BA-126(P)
CHIEF ARCHITECT
GREEN DESIGN STUDIO

DRAWING TITLE:

DATE: JULY 2020

SCALE: NTS

DRAWING : ARCHITECTURAL

SHEET NO : AR/00

REVISION SUFFIX

NORTH



GENERAL NOTE:

- ALL DIMENSIONS ARE IN METERS (FEETS) UNLESS SPECIFIED OTHERWISE.
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PROJECT:
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 LOCATION: TRI-JUNCTION, CHUKHA
 OWNER: STCBL
 PLOT ID: -
 THARM NO: -
 FLOORS: G+1 STRUCTURE

REMARKS



OWNER SIGNATURE

DESIGNED BY:
 ANIZ PRADHAN
 BA-126(P)
 CHIEF ARCHITECT
 GREEN DESIGN STUDIO

DRAWING TITLE:
 LAYOUT PLAN

DATE: JULY 2020

SCALE: 1:100

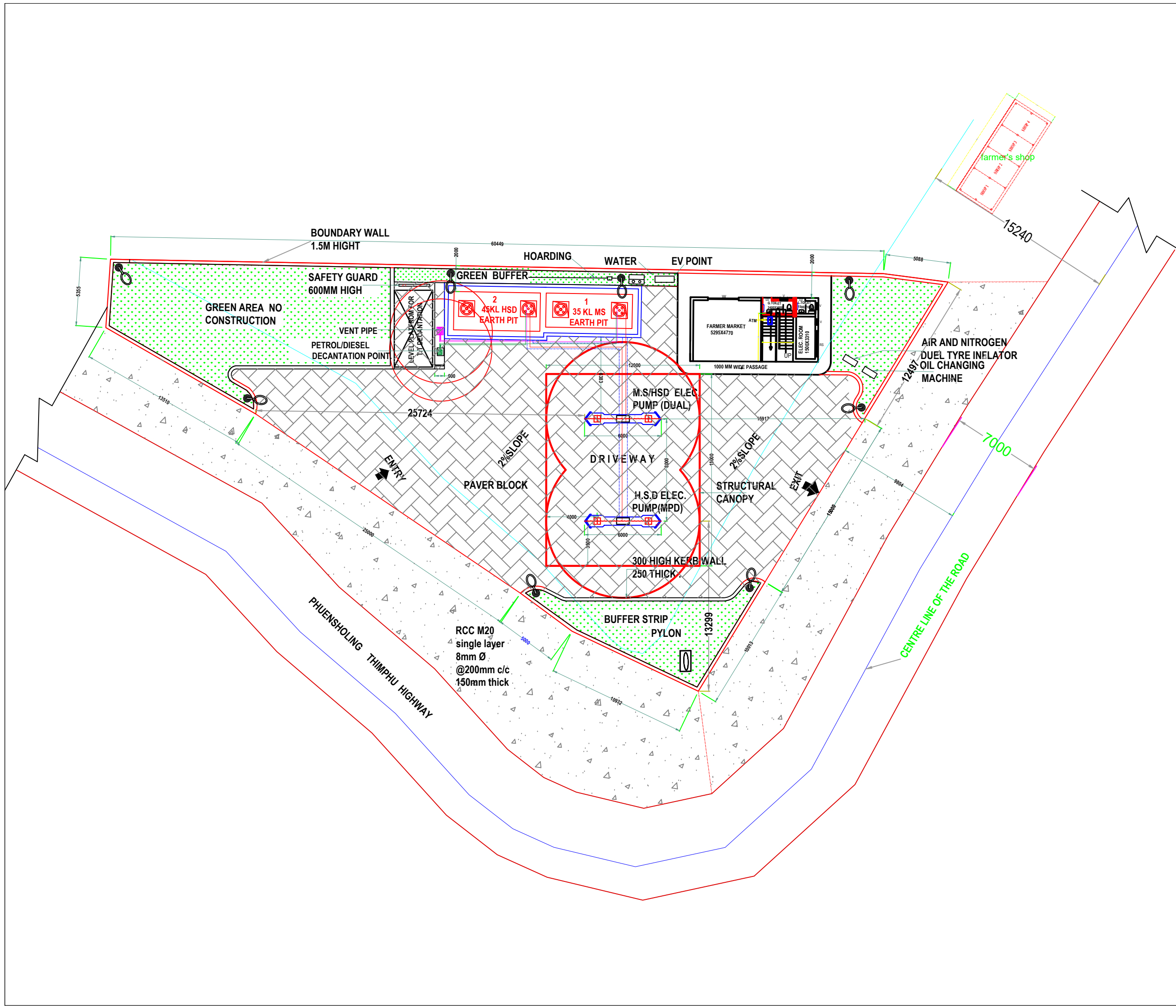
DRAWING : ARCHITECTURAL

SHEET NO : AR/01

REVISION SUFFIX	NORTH
□ □ □ □ □	

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 PLOT ID: -
 THARM NO: -
 FLOORS: G+1 STRUCTURE

REMARKS



OWNER SIGNATURE

DESIGNED BY:
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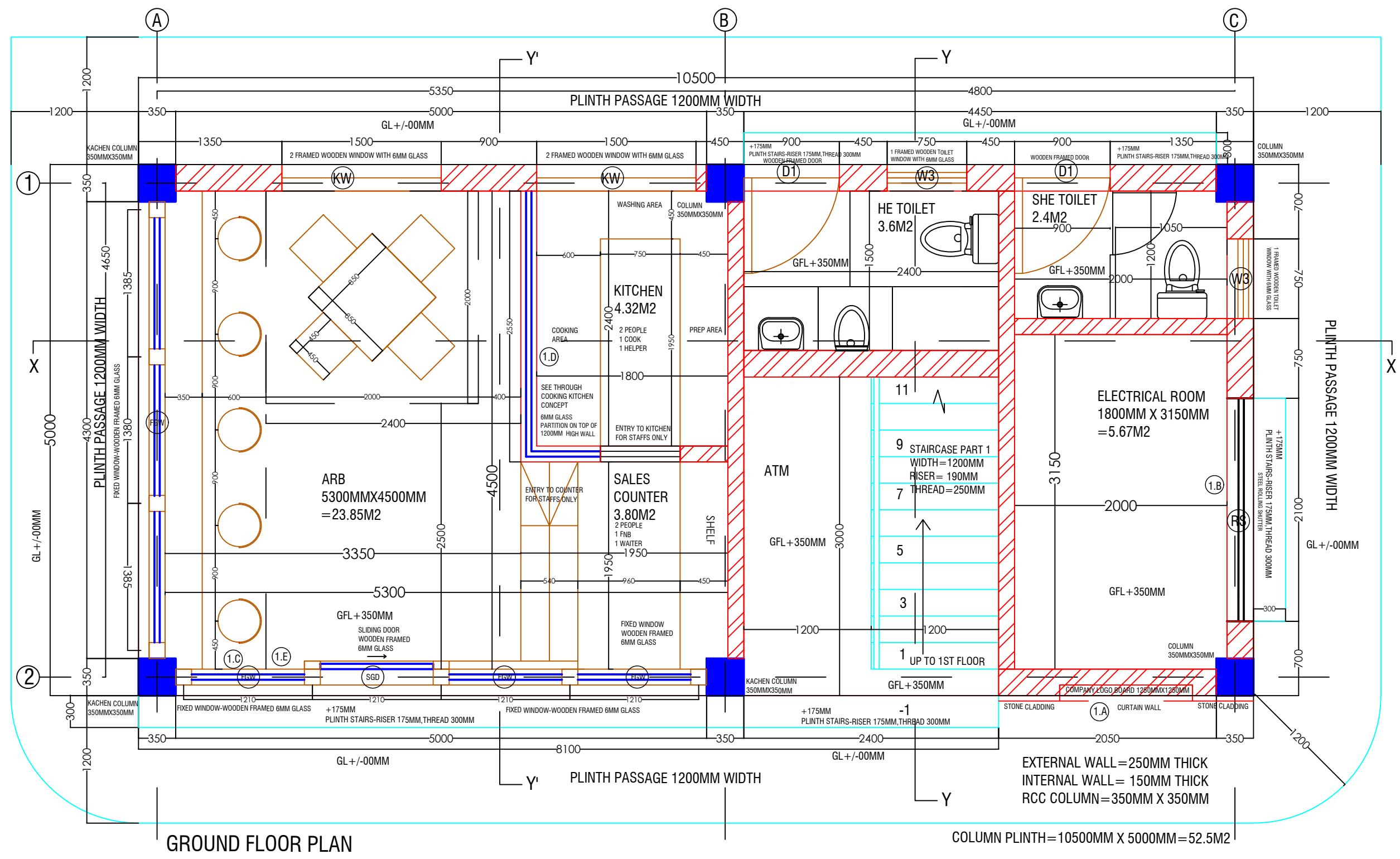
DRAWING TITLE:
 GROUND FLOOR PLAN

DATE: JULY 2020
 SCALE: 1:100
 DRAWING : ARCHITECTURAL
 SHEET NO : AR/02

REVISION SUFFIX	NORTH
□ □ □ □ □	

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GROUND FLOOR PLAN

COLUMN PLINTH=10500MM X 5000MM=52.5M2

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 THARM NO: -
 FLOORS: G+1 STRUCTURE

REMARKS



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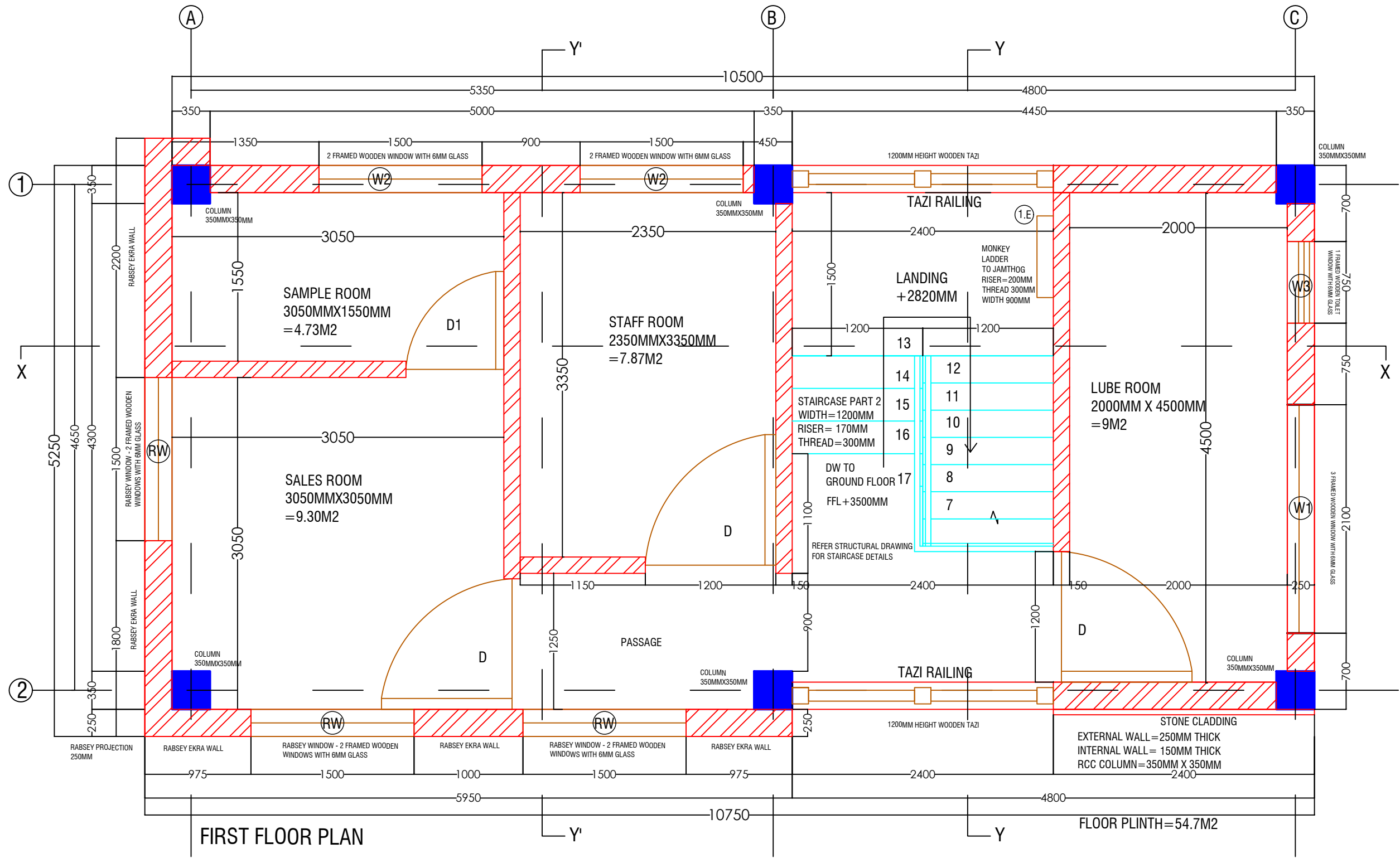
DRAWING TITLE:
 FIRST FLOOR PLAN

DATE: JULY 2020
 SCALE: 1:100
 DRAWING : ARCHITECTURAL
 SHEET NO : AR/03

REVISION SUFFIX	NORTH
□ □ □ □ □	

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FIRST FLOOR PLAN

FLOOR PLINTH=54.7M2

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 THARM NO: -
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REMARKS



OWNER SIGNATURE

DESIGNED BY:
 ANIZ PRADHAN
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 CHIEF ARCHITECT
 GREEN DESIGN STUDIO

DRAWING TITLE:
 JAMTHOG PLAN

DATE: JULY 2020

SCALE: 1:100

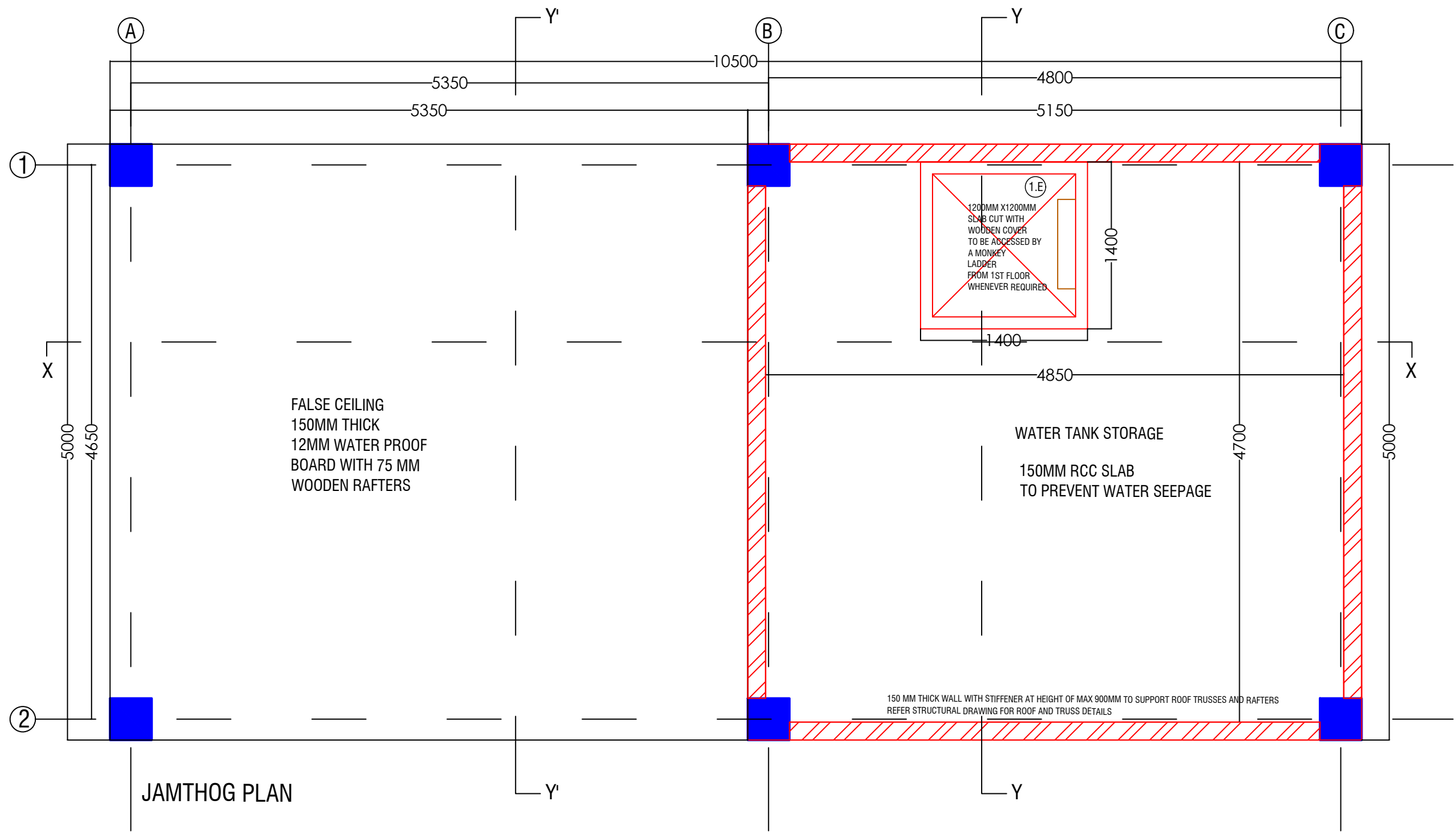
DRAWING : ARCHITECTURAL

SHEET NO : AR/04

REVISION SUFFIX	NORTH
□ □ □ □ □	

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JAMTHOG PLAN

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 PLOT ID: -
 THARM NO: -
 FLOORS: G+1 STRUCTURE

REMARKS



OWNER SIGNATURE

DESIGNED BY:
 ANIZ PRADHAN
 BA-126(P)
 CHIEF ARCHITECT
 GREEN DESIGN STUDIO

DRAWING TITLE:
 ROOF PLAN

DATE: JULY 2020

SCALE: 1:100

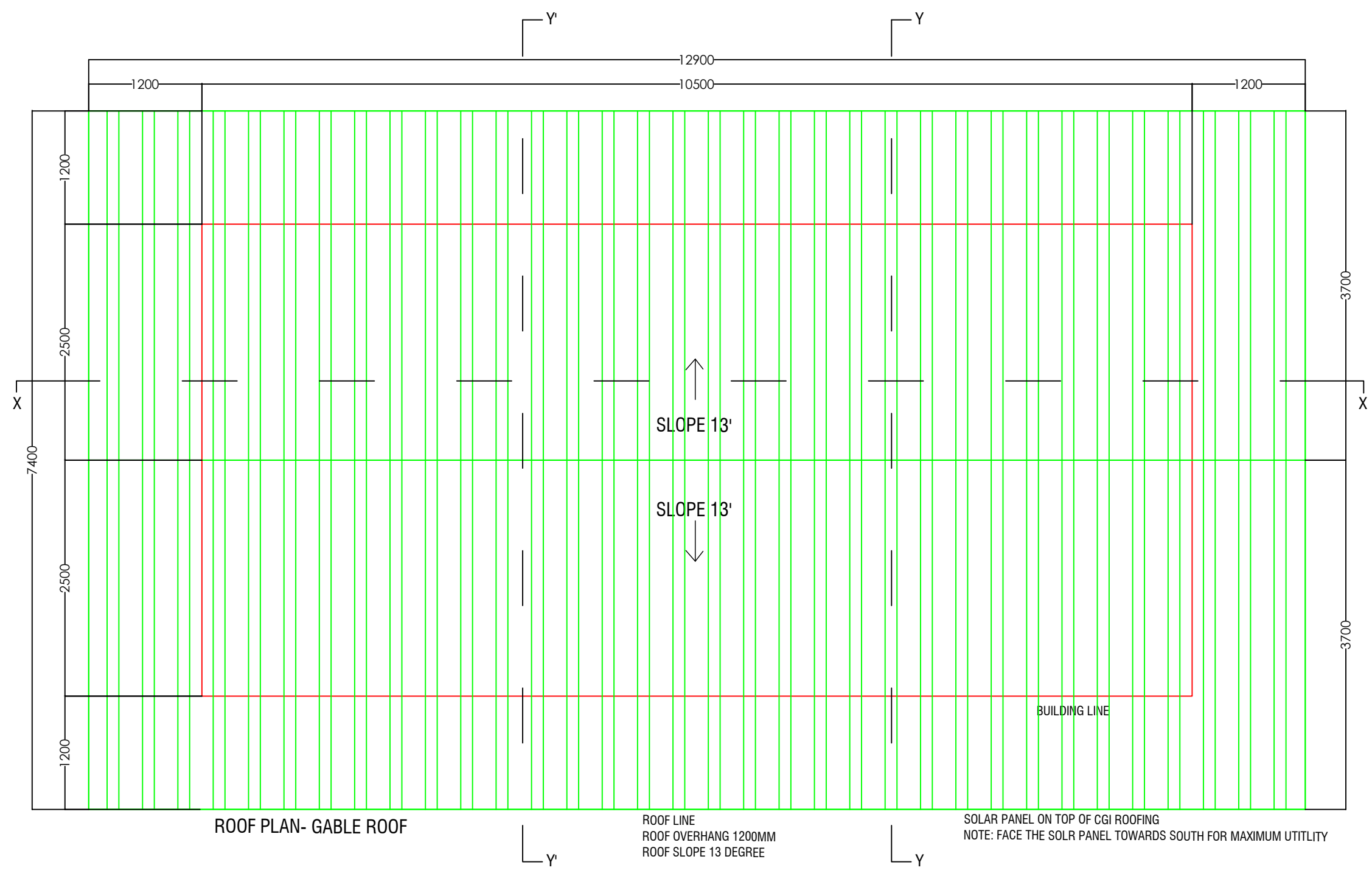
DRAWING : ARCHITECTURAL

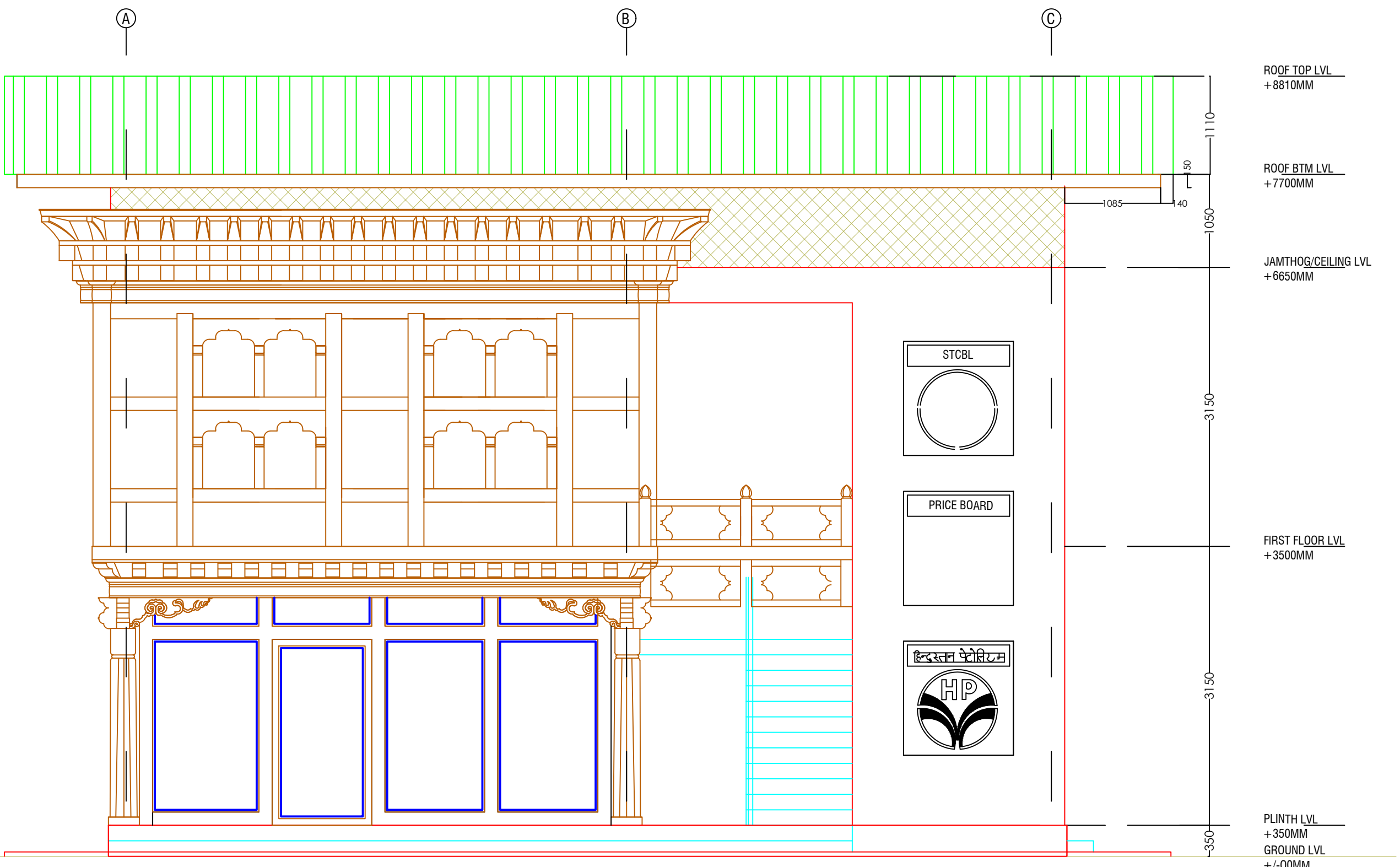
SHEET NO : AR/05

REVISION SUFFIX	NORTH
□ □ □ □ □	

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FRONT ELEVATION

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REMARKS



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DESIGNED BY:
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DRAWING TITLE:
 FRONT ELEVATION

DATE: JULY 2020

SCALE: 1:100

DRAWING : ARCHITECTURAL

SHEET NO : AR/06

REVISION SUFFIX	NORTH
□ □ □ □ □	

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REMARKS



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DESIGNED BY:
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DRAWING TITLE:
 SIDE ELEVATION

DATE: JULY 2020

SCALE: 1:100

DRAWING : ARCHITECTURAL

SHEET NO : AR/07

REVISION SUFFIX	NORTH
□ □ □ □ □	

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ELEVATION 2

ELEVATION 4

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REMARKS



OWNER SIGNATURE

DESIGNED BY:
 ANIZ PRADHAN
 BA-126(P)
 CHIEF ARCHITECT
 GREEN DESIGN STUDIO

DRAWING TITLE:
 BACK ELEVATION

DATE: JULY 2020

SCALE: 1:100

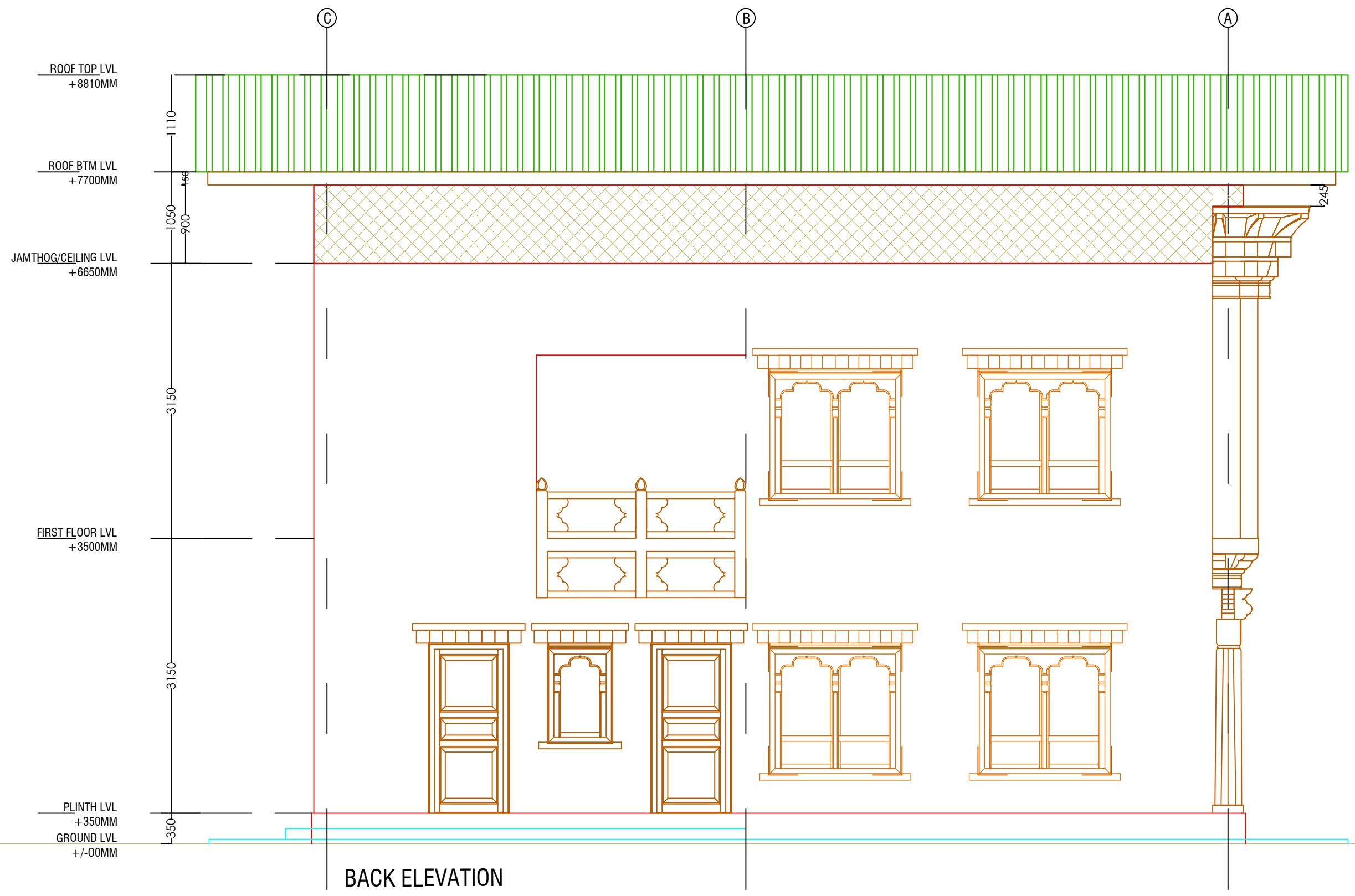
DRAWING : ARCHITECTURAL

SHEET NO : AR/08

REVISION SUFFIX	NORTH
□ □ □ □ □	

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BACK ELEVATION

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REMARKS



OWNER SIGNATURE

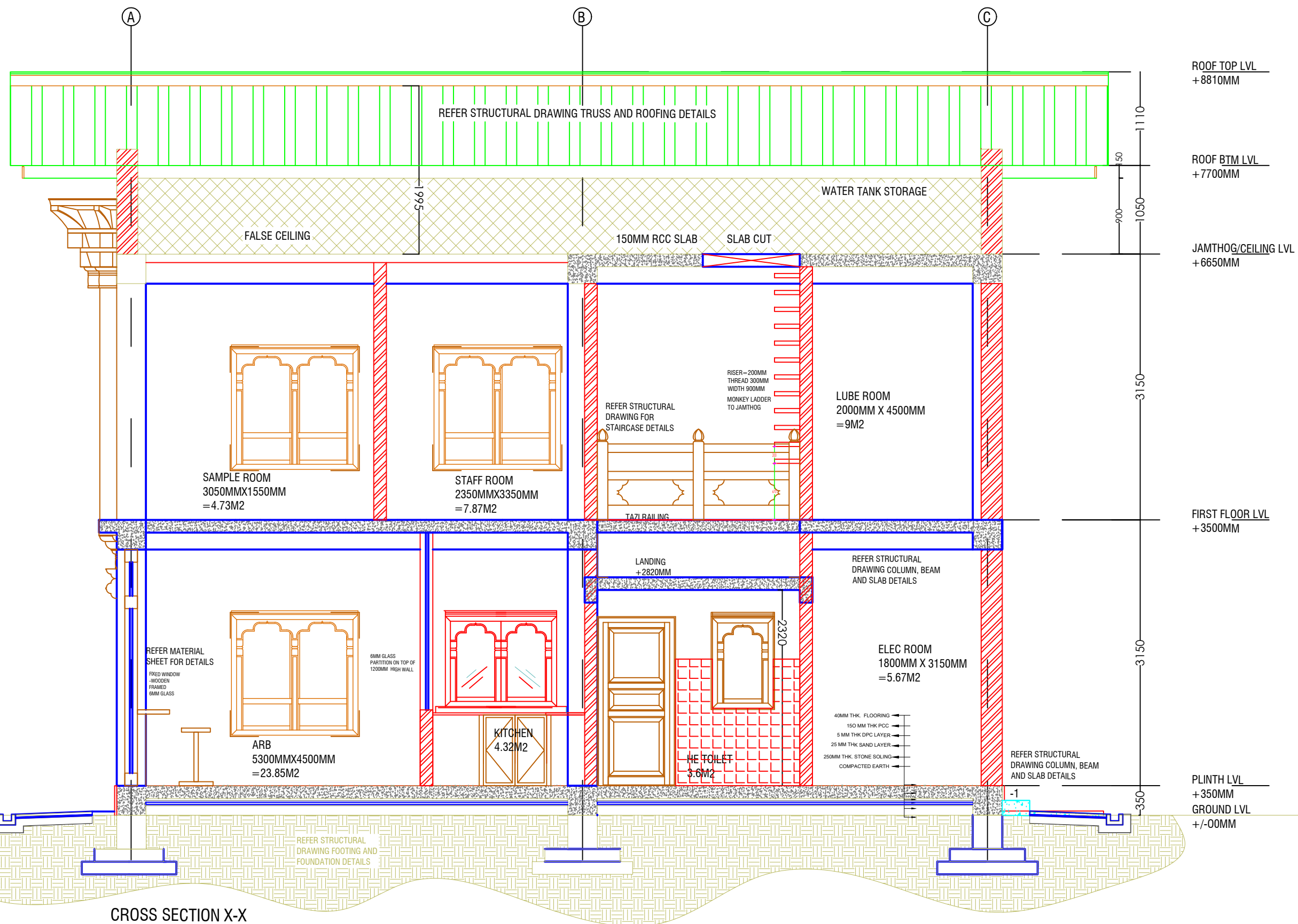
DESIGNED BY:
 ANIZ PRADHAN
 BA-126(P)
 CHIEF ARCHITECT
 GREEN DESIGN STUDIO

DRAWING TITLE:
 SECTION X-X

DATE: JULY 2020
 SCALE: 1:100
 DRAWING : ARCHITECTURAL
 SHEET NO : AR/09

REVISION SUFFIX	NORTH
□ □ □ □ □	

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CROSS SECTION X-X

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REMARKS



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DESIGNED BY:
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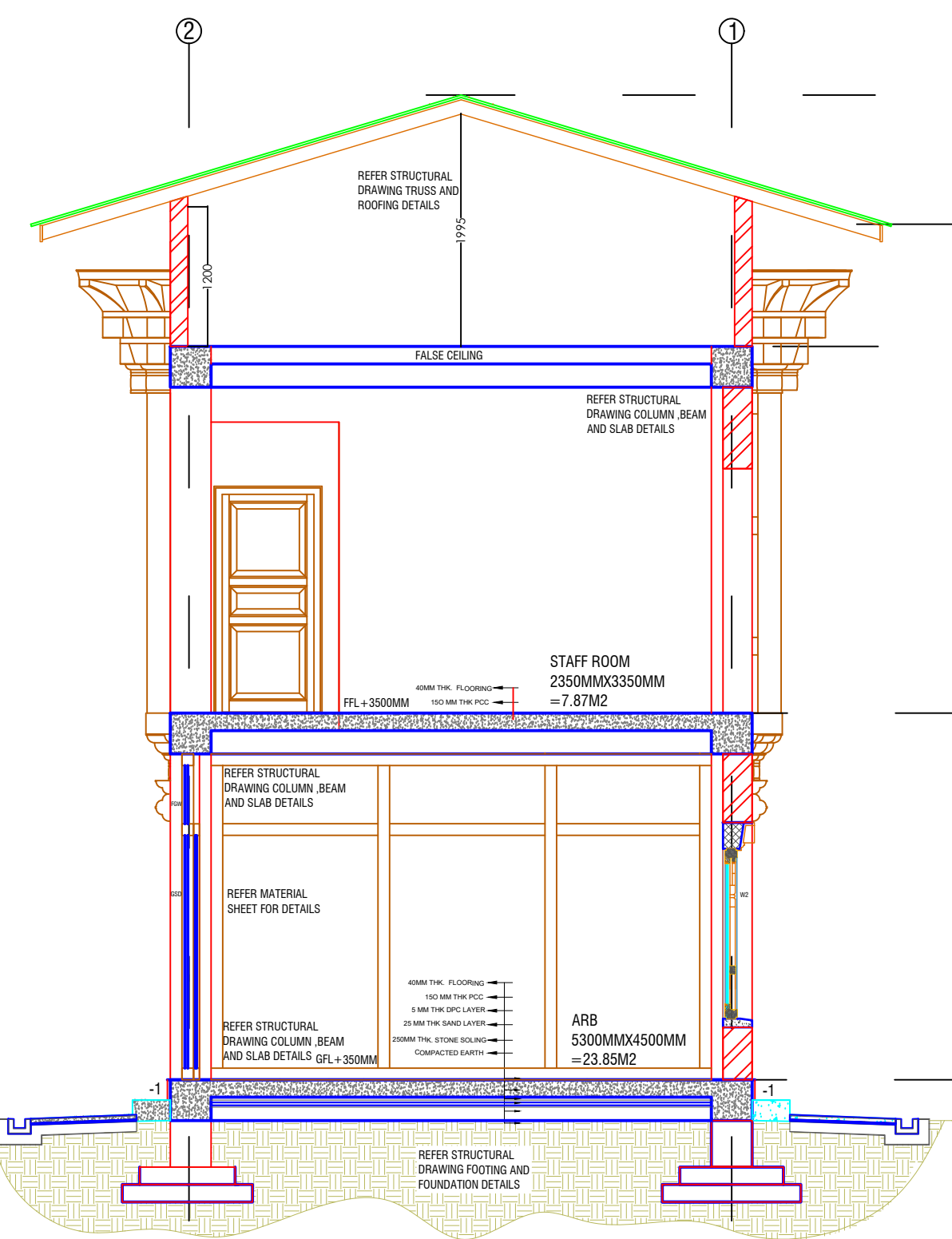
DRAWING TITLE:
 SECTION Y-Y

DATE: JULY 2020
 SCALE: 1:100
 DRAWING : ARCHITECTURAL
 SHEET NO : AR/10

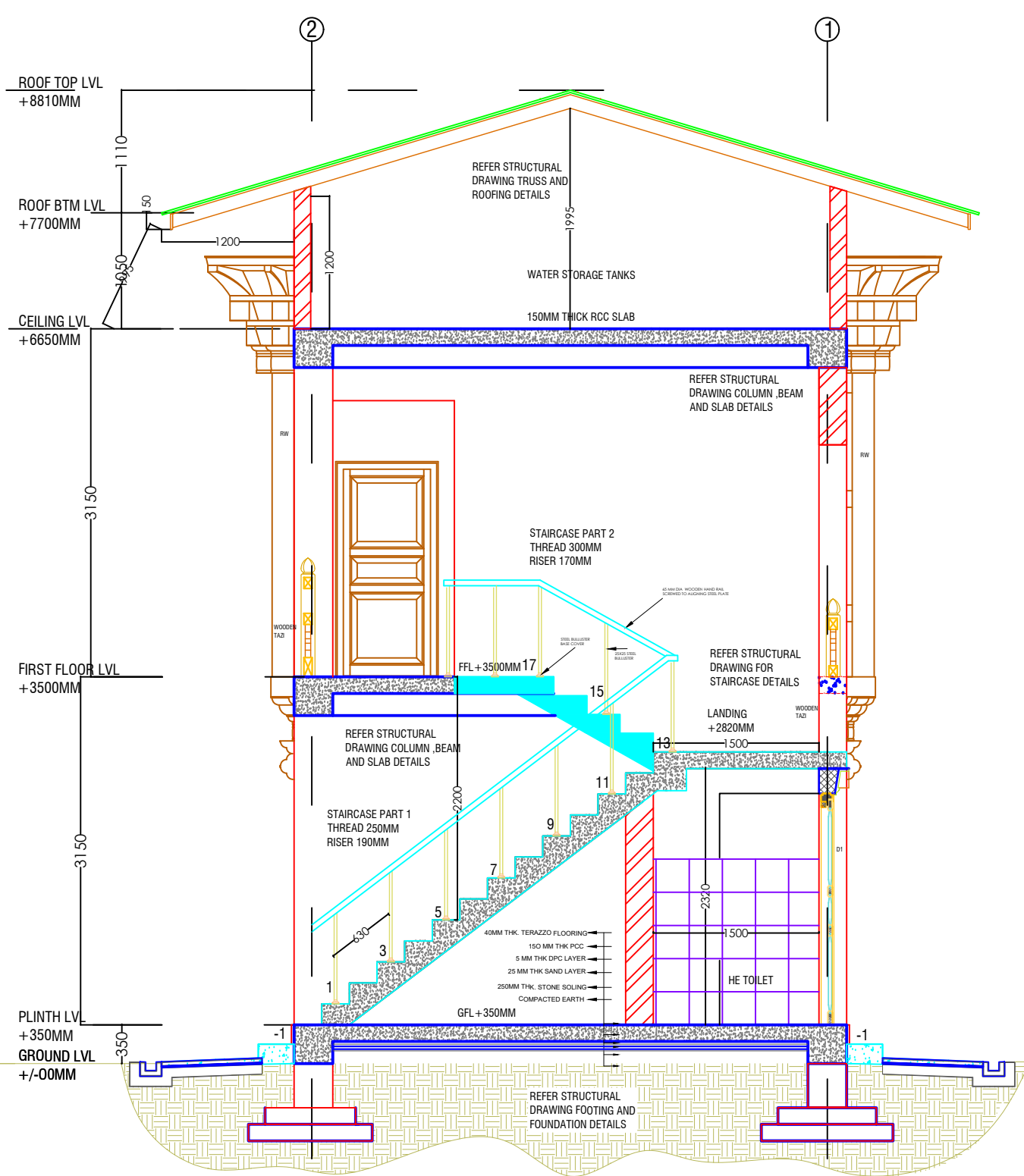
REVISION SUFFIX	NORTH
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GENERAL NOTE:

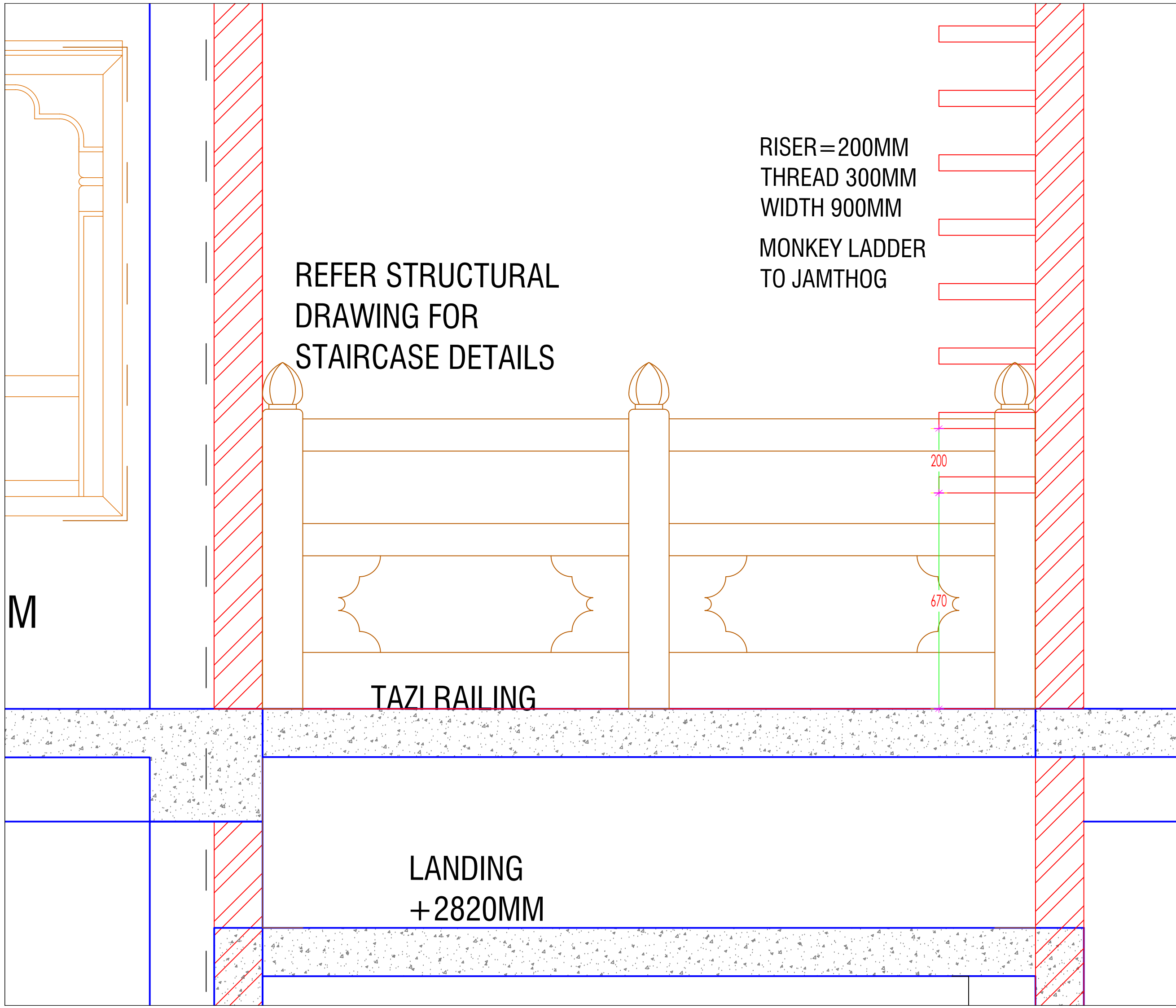
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CROSS SECTION Y-Y'



CROSS SECTION Y-Y



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 PLOT ID: -
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 FLOORS: G+1 STRUCTURE

REMARKS



OWNER SIGNATURE

DESIGNED BY:
 ANIZ PRADHAN
 BA-126(P)
 CHIEF ARCHITECT
 GREEN DESIGN STUDIO

DRAWING TITLE:
 TAZI RAILING

DATE: JULY 2020

SCALE: 1:100

DRAWING : ARCHITECTURAL

SHEET NO : AR/11

REVISION SUFFIX	NORTH
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REMARKS



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DESIGNED BY:
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DRAWING TITLE:

TAZI RAILING

DATE: JULY 2020

SCALE: 1:100

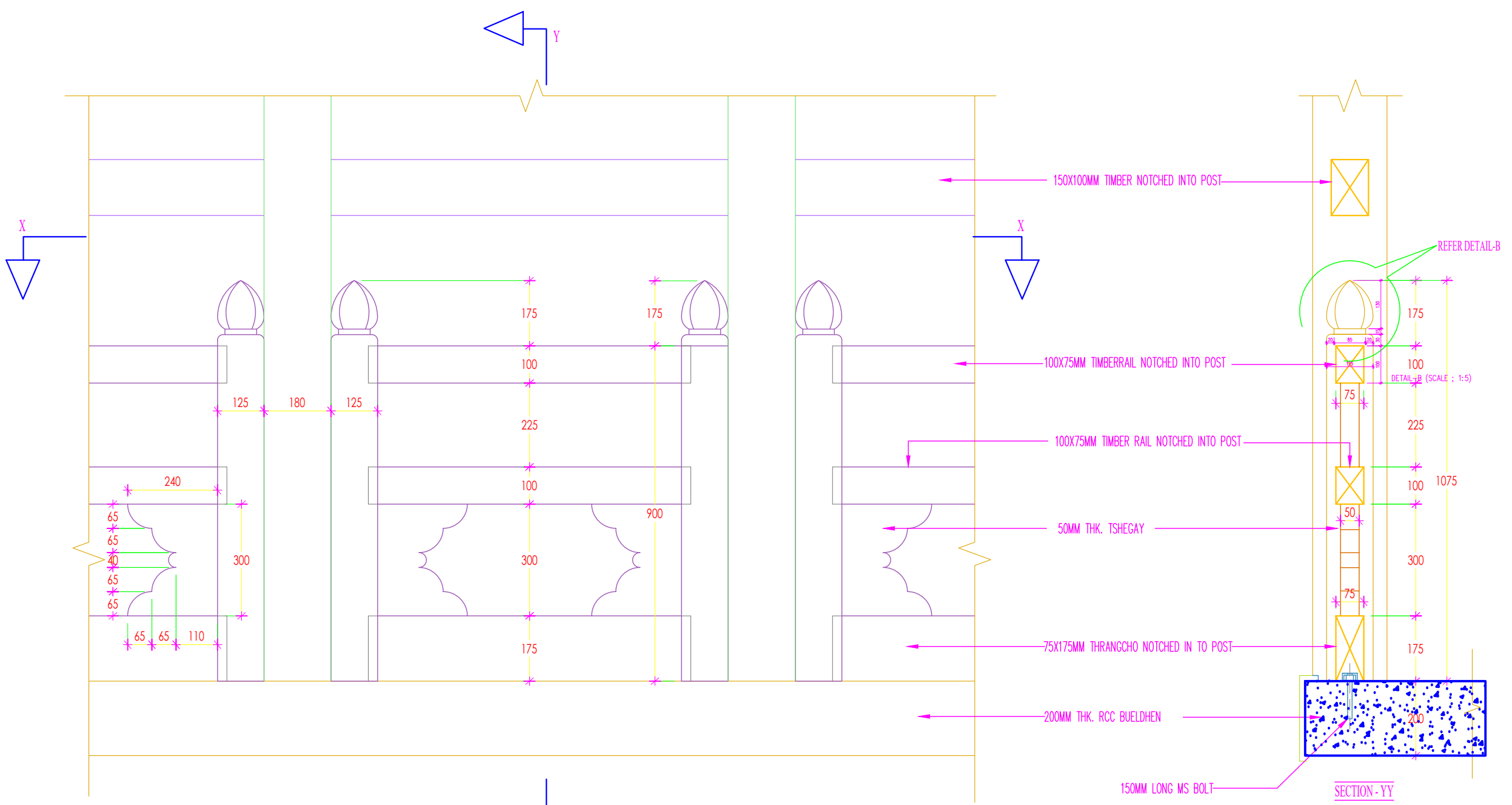
DRAWING : ARCHITECTURAL

SHEET NO : AR/12

REVISION SUFFIX	NORTH
□ □ □ □ □	

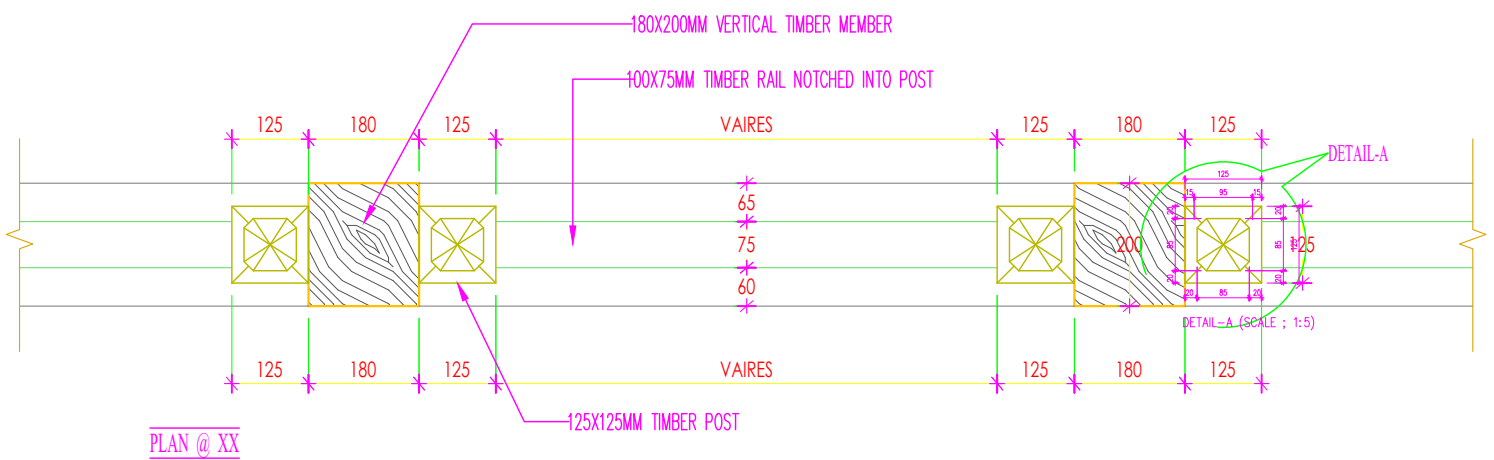
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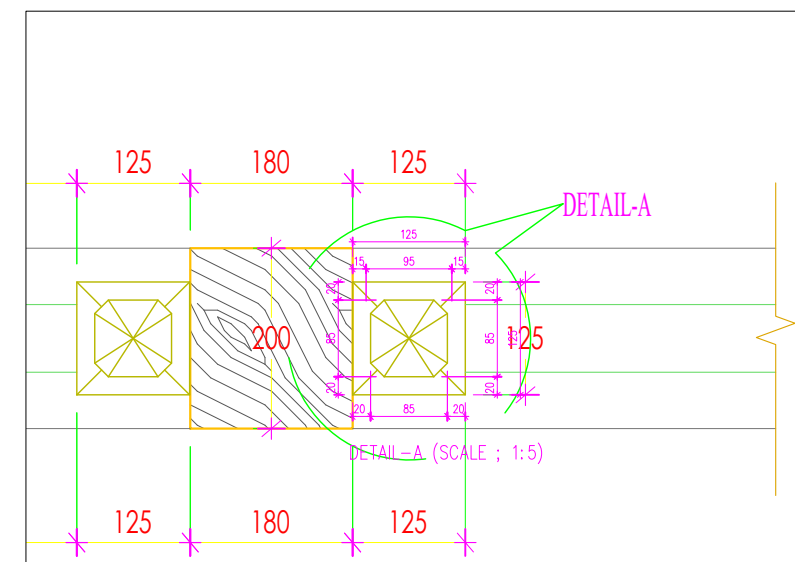


ELEVATION

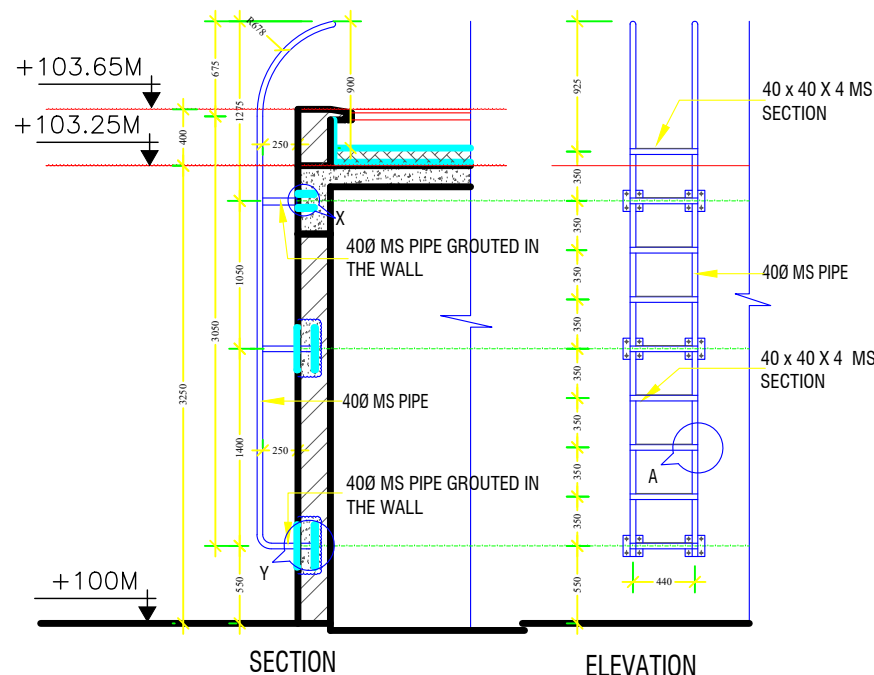
SECTION - YY



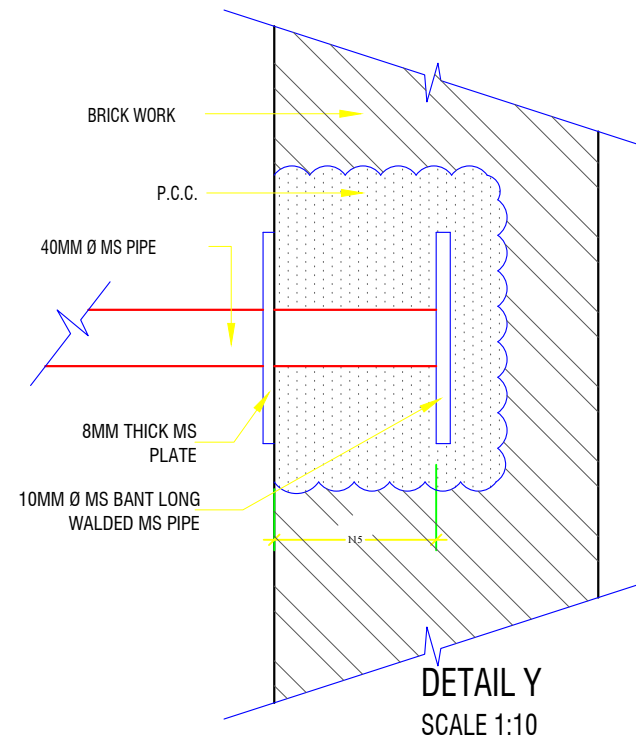
PLAN @ XX



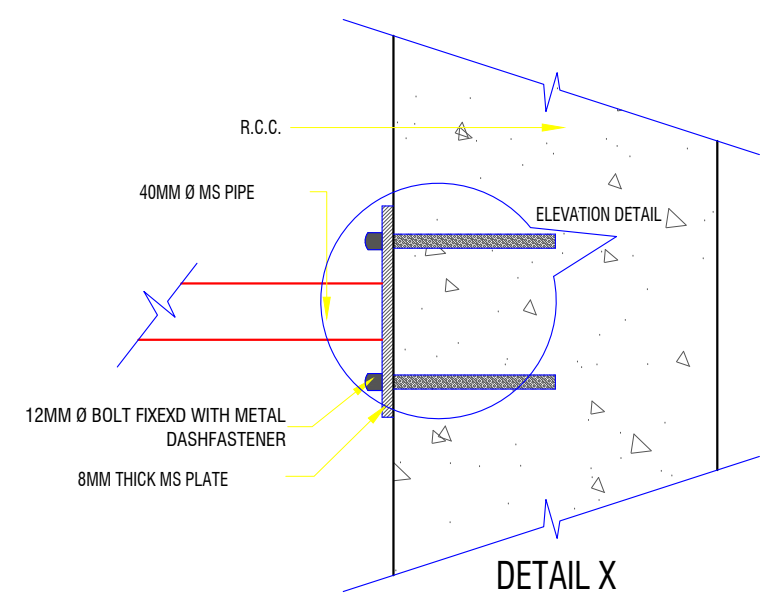
DETAIL-A



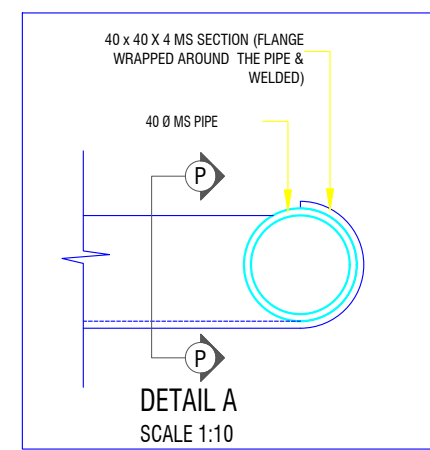
SECTION
ELEVATION
ONE FLOOR BUILDING
MONKEY LADER DETAIL



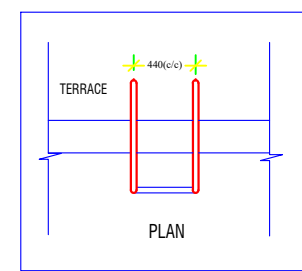
DETAIL Y
SCALE 1:10



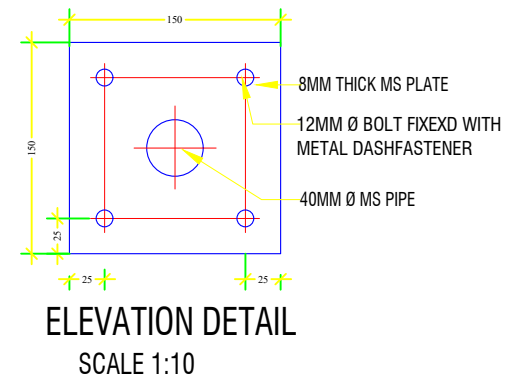
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SCALE 1:10



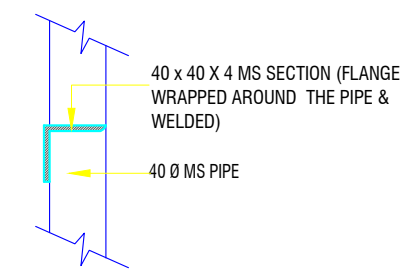
DETAIL A
SCALE 1:10



PLAN



ELEVATION DETAIL
SCALE 1:10



SECTION 'P P'
SCALE 1:10

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OWNER: STCBL
PLOT ID: -
THARM NO: -
FLOORS: G+1 STRUCTURE

REMARKS



OWNER SIGNATURE

DESIGNED BY:
ANIZ PRADHAN
BA-126(P)
CHIEF ARCHITECT
GREEN DESIGN STUDIO

DRAWING TITLE:
MONKEY LADER

DATE: JULY 2020

SCALE: 1:100

DRAWING : ARCHITECTURAL

SHEET NO : AR/13

REVISION SUFFIX	NORTH
□ □ □ □ □	

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DOOR SCHEDULE

SL NO.	ITEM	DIMENSIONS(MM)		CILL	NO.	REMARKS
		WIDTH	HEIGHT			
01.	D1	1200	2100	0	03	WOODEN PANELLED DOOR
02.	D2	900	2100	0	02	PANELLED FLUSH DOOR
03.	SGD	1000	2100	0	01	WOODEN PANELLED SLIDING GLASS DOOR
04.	RS	2100	2100	0	01	STEEL ROLLING SHUTTER

WINDOW SCHEDULE

SL NO.	ITEM	DIMENSIONS(MM)		SILL	NO.	REMARKS
		WIDTH	HEIGHT			
01.	W1	2100	1460	600	01	WOODEN 3 FRAMED GLASS WINDOW
02.	W2	1500	1460	600	02	WOODEN 2 FRAMED GLASS WINDOW
03.	W3	750	1100	1000	02	WOODEN 1 LOUVERED GLASS WINDOW
04.	FGW	4300	3150	0	01	WOODEN FRAMED GLASS WINDOW
05.	RW	1500	2105	465	03	WOODEN 2 FRAMED RABSEY WINDOW
06.	FGW+SGD	4300	3150	0	01	WOODEN 3 FRAMED GLASS WINDOW AND DOOR

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REMARKS



OWNER SIGNATURE

DESIGNED BY:

ANIZ PRADHAN
 BA-126(P)
 CHIEF ARCHITECT
 GREEN DESIGN STUDIO

DRAWING TITLE:

WINDOW & DOOR SCHEDULE

DATE: JULY 2020

SCALE: 1:100

DRAWING : ARCHITECTURAL

SHEET NO : AR/14

REVISION SUFFIX

□ □ □ □ □

NORTH



GENERAL NOTE:

- ALL DIMENSIONS ARE IN METERS (FEET) UNLESS SPECIFIED OTHERWISE.
- ALL DIMENSIONS MEASURE UNFINISHED SURFACES UNLESS SPECIFIED OTHERWISE.
- ALL DIMENSIONS ARE TO BE READ AND NOT SCALE OFF.
- ANY DISCREPANCY IN DRAWING IS TO BE BROUGHT TO THE IMMEDIATE NOTICE OF THE ARCHITECT AND THE ENGINEER.

PROJECT:	
TITLE:	FUEL RETAIL OUTLET
LOCATION:	TRI-JUNCTION, CHUKHA
OWNER:	STCBL
PLOT ID:	-
THARM NO:	-
FLOORS:	G+1 STRUCTURE

REMARKS



OWNER SIGNATURE

DESIGNED BY:
 ANIZ PRADHAN
 BA-126(P)
 CHIEF ARCHITECT
 GREEN DESIGN STUDIO

DRAWING TITLE:
 DOOR DETAILS

DATE: JULY 2020

SCALE: 1:100

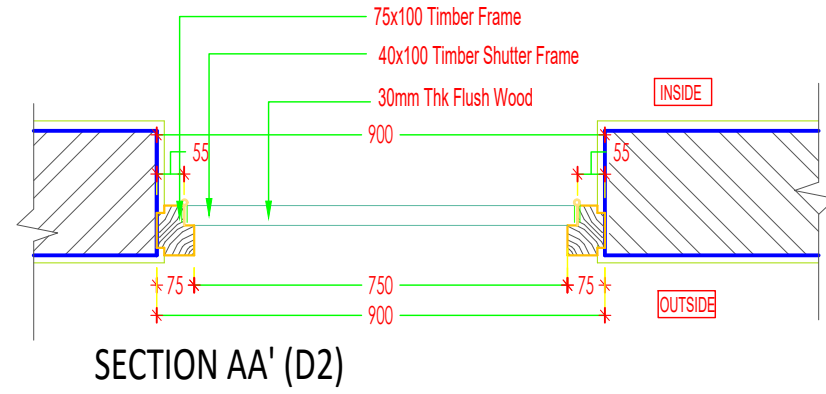
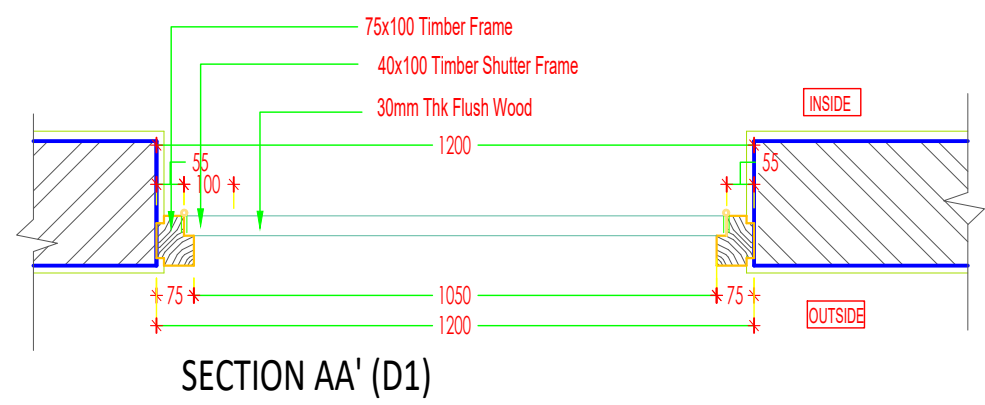
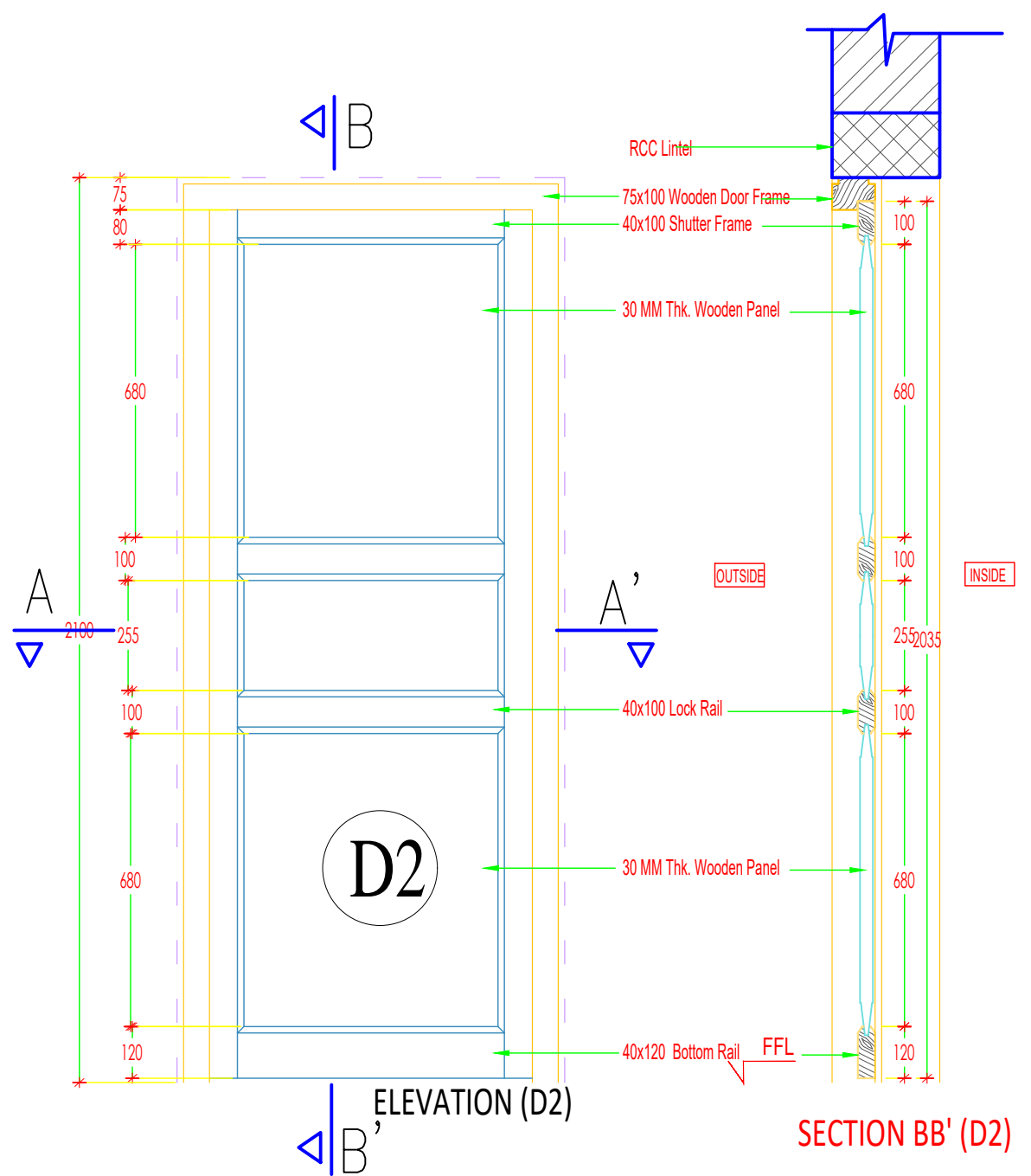
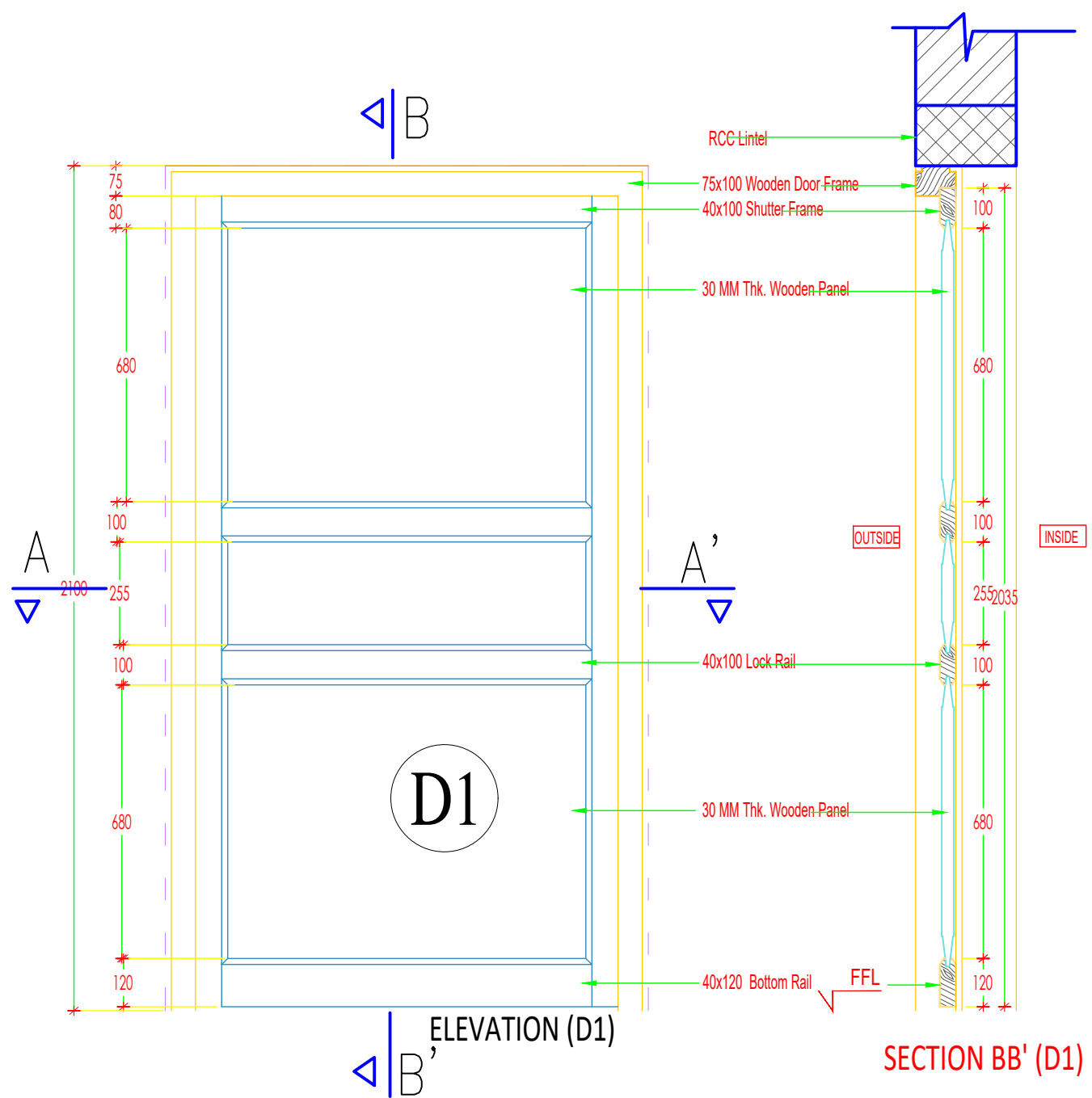
DRAWING : ARCHITECTURAL

SHEET NO : AR/15

REVISION SUFFIX	NORTH
□ □ □ □ □	

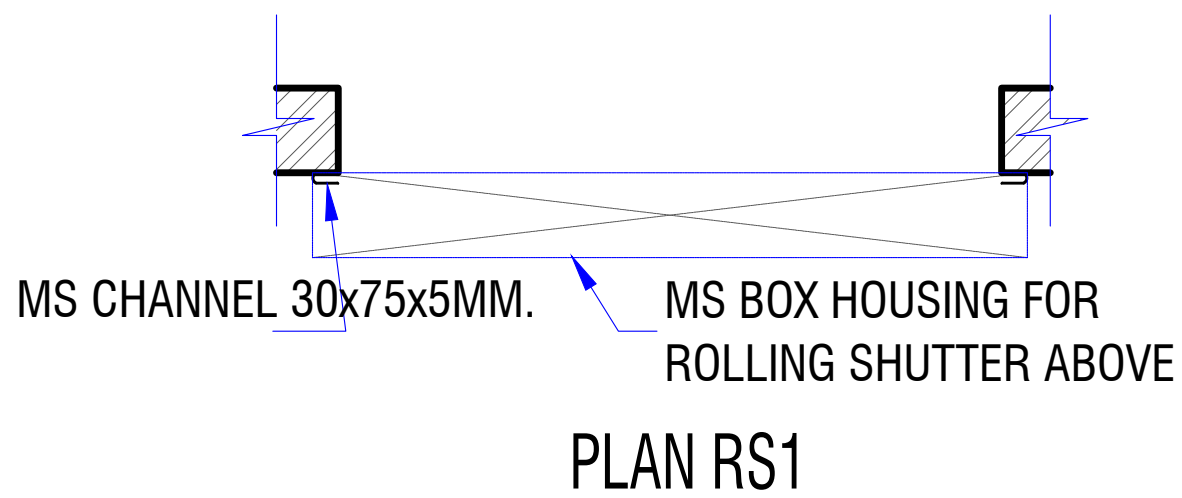
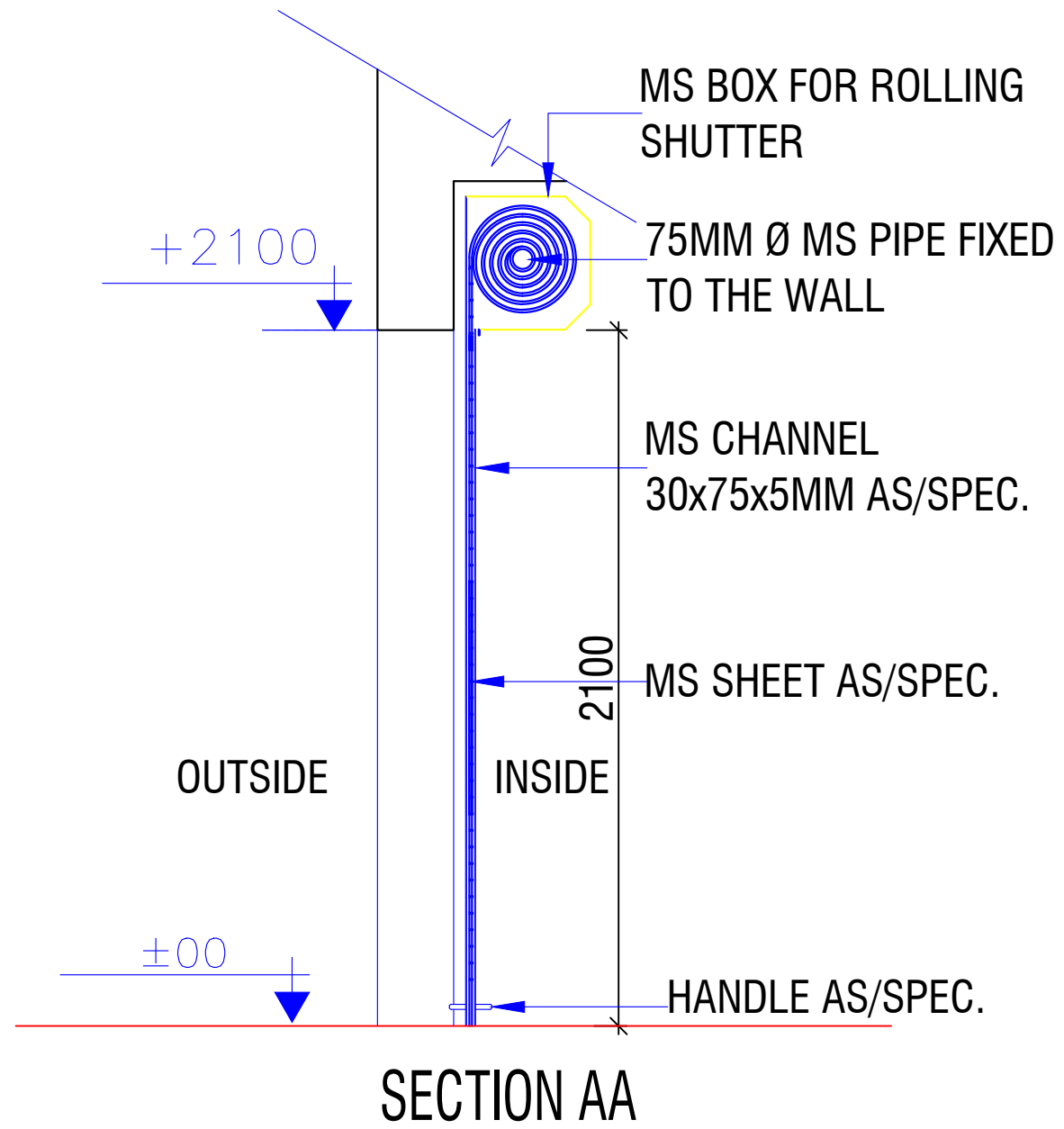
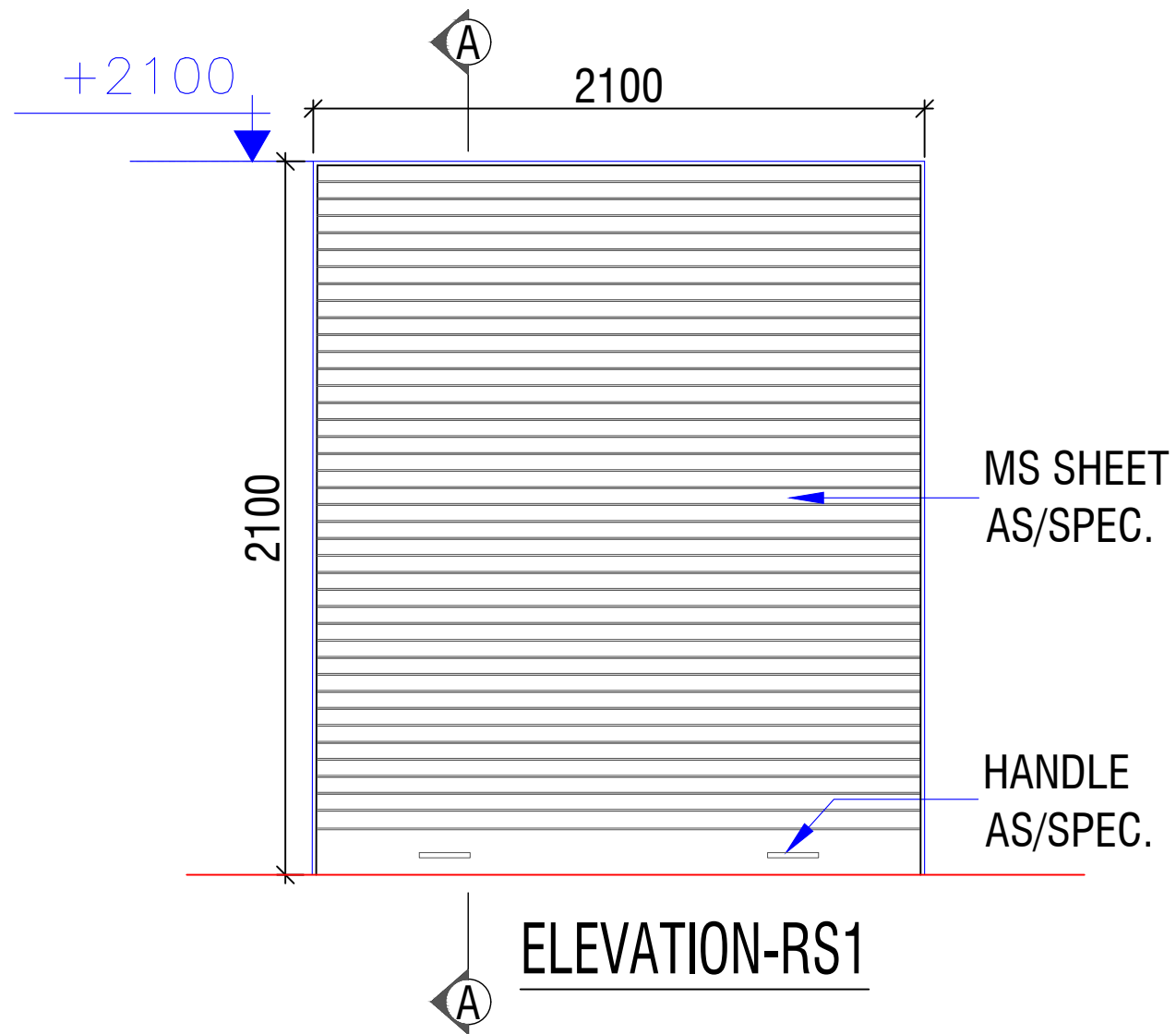
GENERAL NOTE:

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SECTION AA' (D1)

SECTION AA' (D2)



ROLLING SHUTTER

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 gdsbhutan@gmail.com
 +975 17631322/77845668

OFFICE: FLAT NO 8, GONGDZIN LAM
 ABOVE 8/11 CONVENIENT STORE
 NEXT TO THIMPHU THROMDE BUILDING
 THIMPHU: BHUTAN

PROJECT:

TITLE: FUEL RETAIL OUTLET
 LOCATION: TRI-JUNCTION, CHUKHA
 OWNER: STCBL
 PLOT ID: -
 THARM NO: -
 FLOORS: G+1 STRUCTURE

REMARKS



OWNER SIGNATURE

DESIGNED BY:

ANIZ PRADHAN
 BA-126(P)
 CHIEF ARCHITECT
 GREEN DESIGN STUDIO

DRAWING TITLE:

ROLLING SHUTTER

DATE: JULY 2020

SCALE: 1:100

DRAWING : ARCHITECTURAL

SHEET NO : AR/16

REVISION SUFFIX

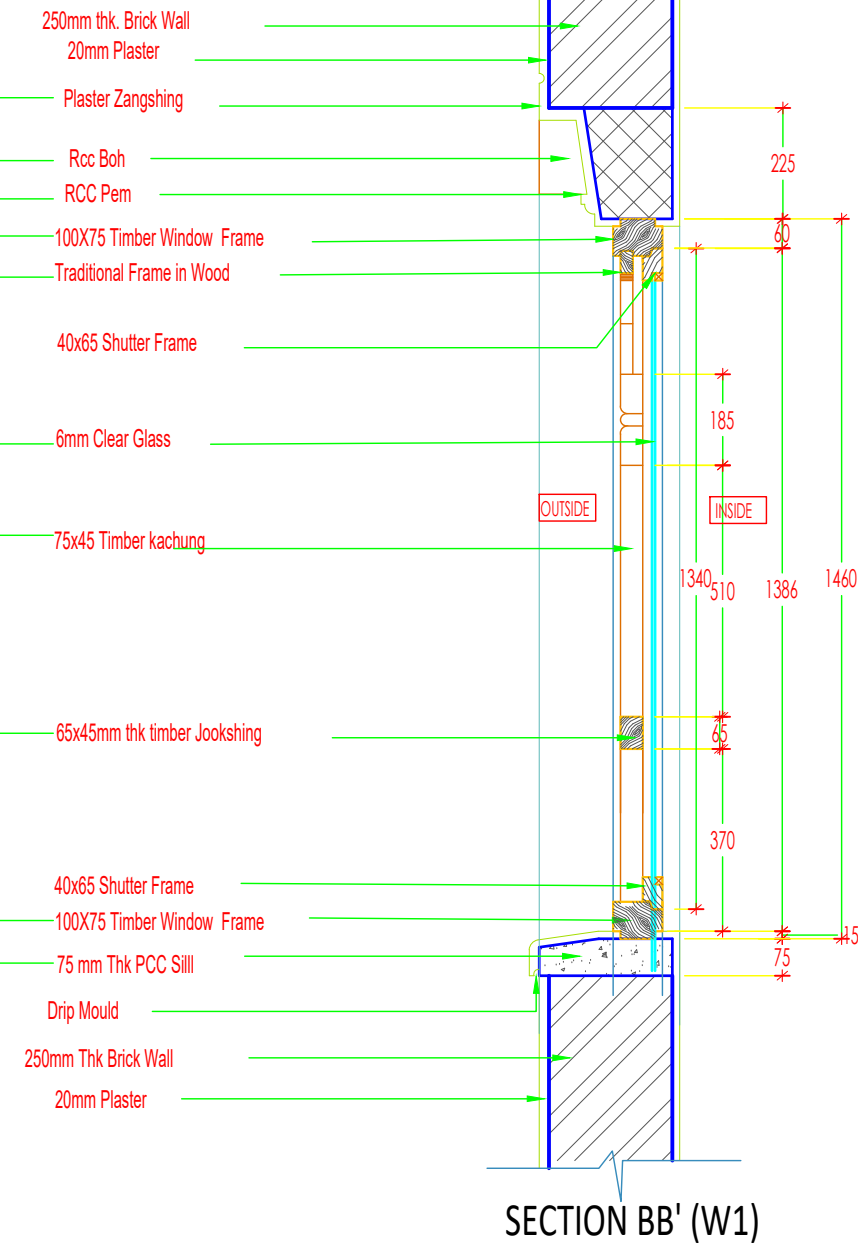
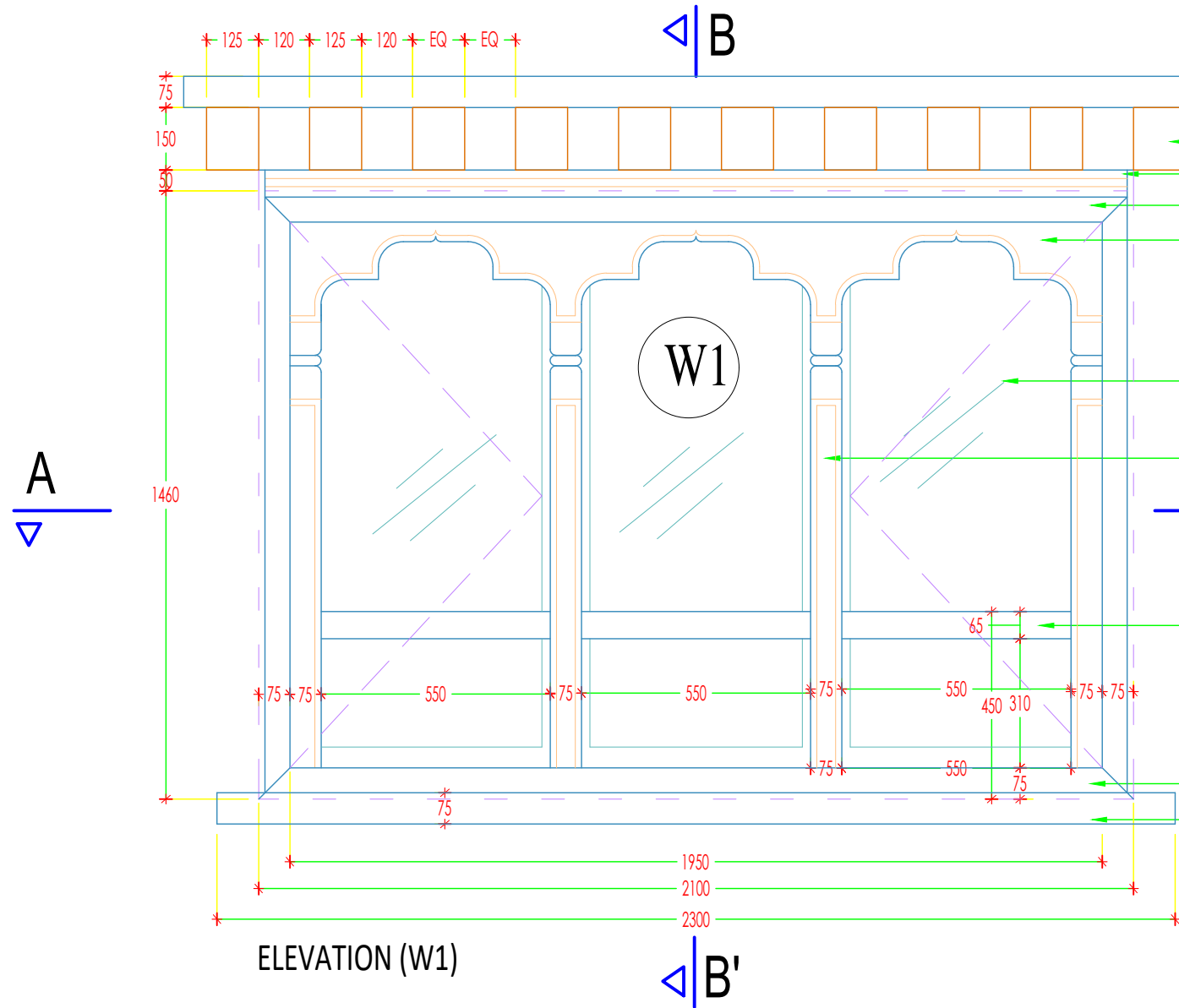
□ □ □ □ □

NORTH

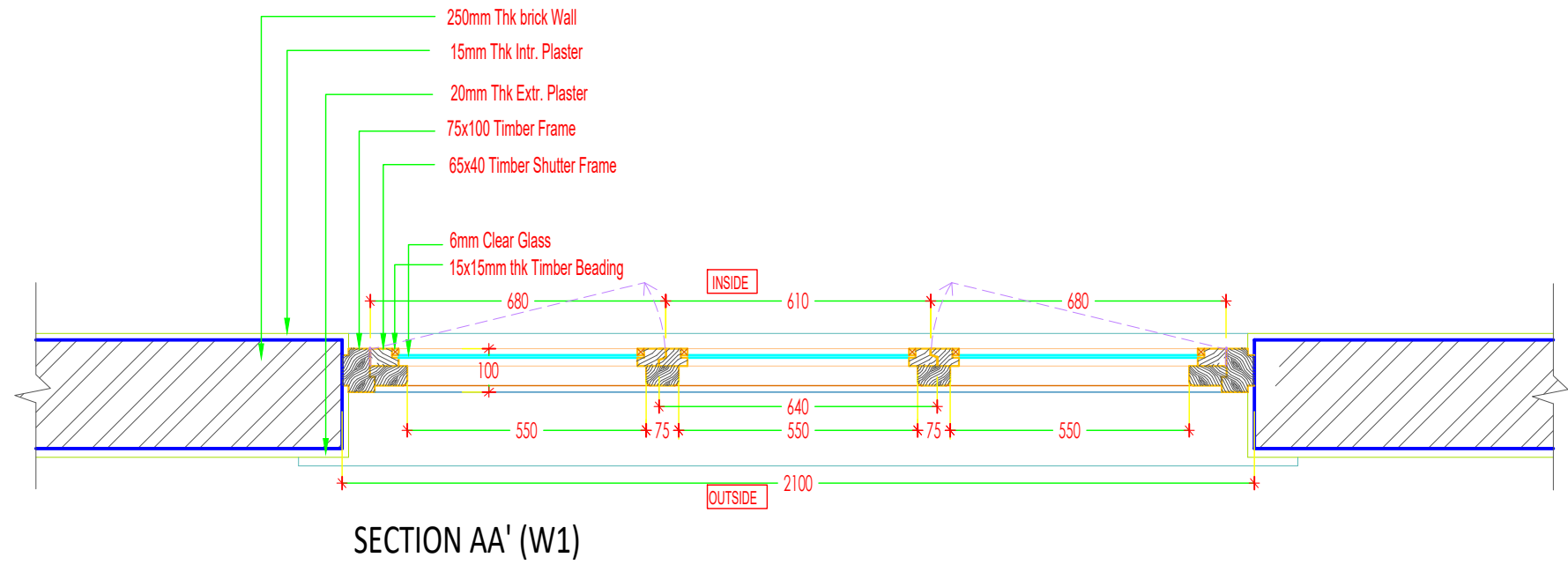


GENERAL NOTE:

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- 250mm thk. Brick Wall
- 20mm Plaster
- Plaster Zangshing
- Rcc Boh
- RCC Pem
- 100x75 Timber Window Frame
- Traditional Frame in Wood
- 40x65 Shutter Frame
- 6mm Clear Glass
- 75x45 Timber kaching
- 65x45mm thk timber Jookshing
- 40x65 Shutter Frame
- 100x75 Timber Window Frame
- 75 mm Thk PCC Sill
- Drip Mould
- 250mm Thk Brick Wall
- 20mm Plaster



- 250mm Thk brick Wall
- 15mm Thk Intr. Plaster
- 20mm Thk Extr. Plaster
- 75x100 Timber Frame
- 65x40 Timber Shutter Frame
- 6mm Clear Glass
- 15x15mm thk Timber Beading

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OFFICE: FLAT NO 8, GONGDZIN LAM
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 NEXT TO THIMPHU THROMDE BUILDING
 THIMPHU: BHUTAN

PROJECT:
TITLE: FUEL RETAIL OUTLET
LOCATION: TRI-JUNCTION, CHUKHA
OWNER: STCBL
PLOT ID: -
THARM NO: -
FLOORS: G+1 STRUCTURE

REMARKS



OWNER SIGNATURE

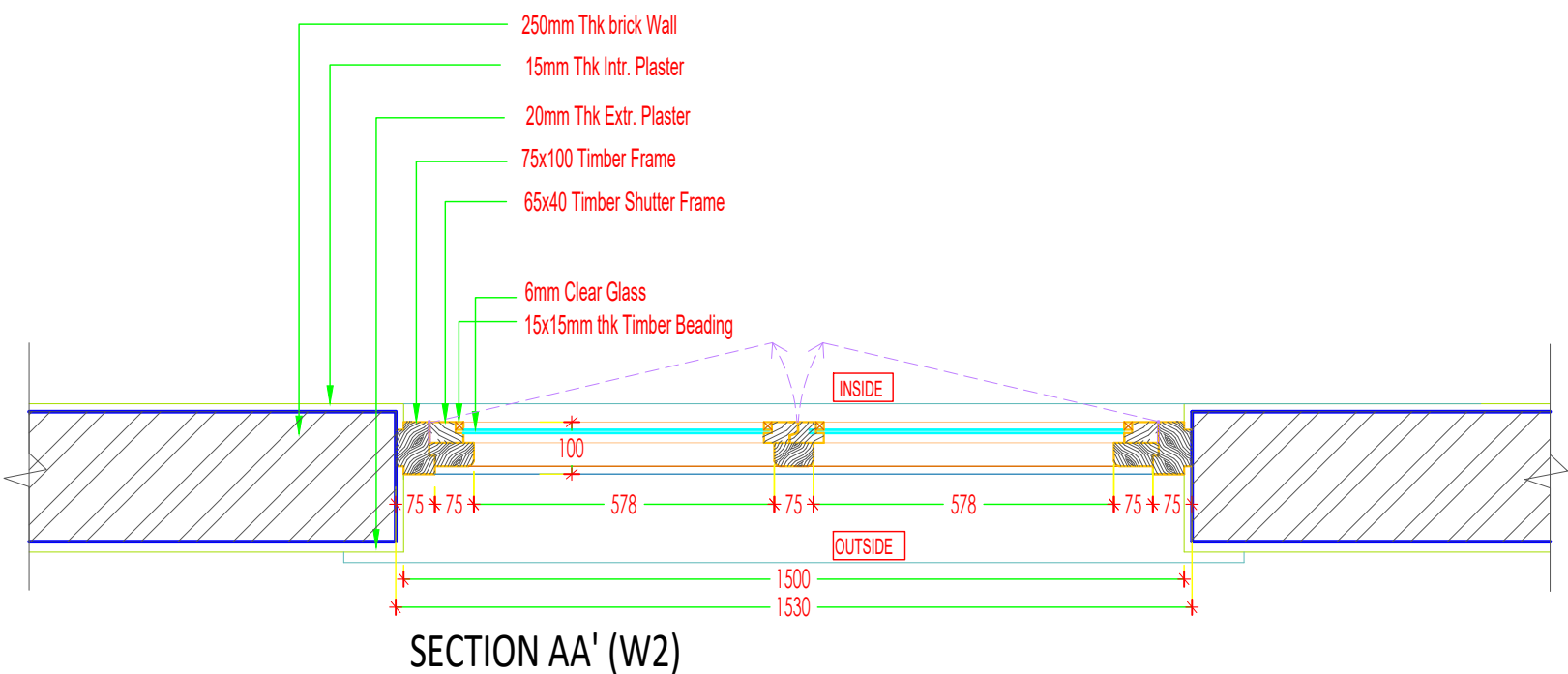
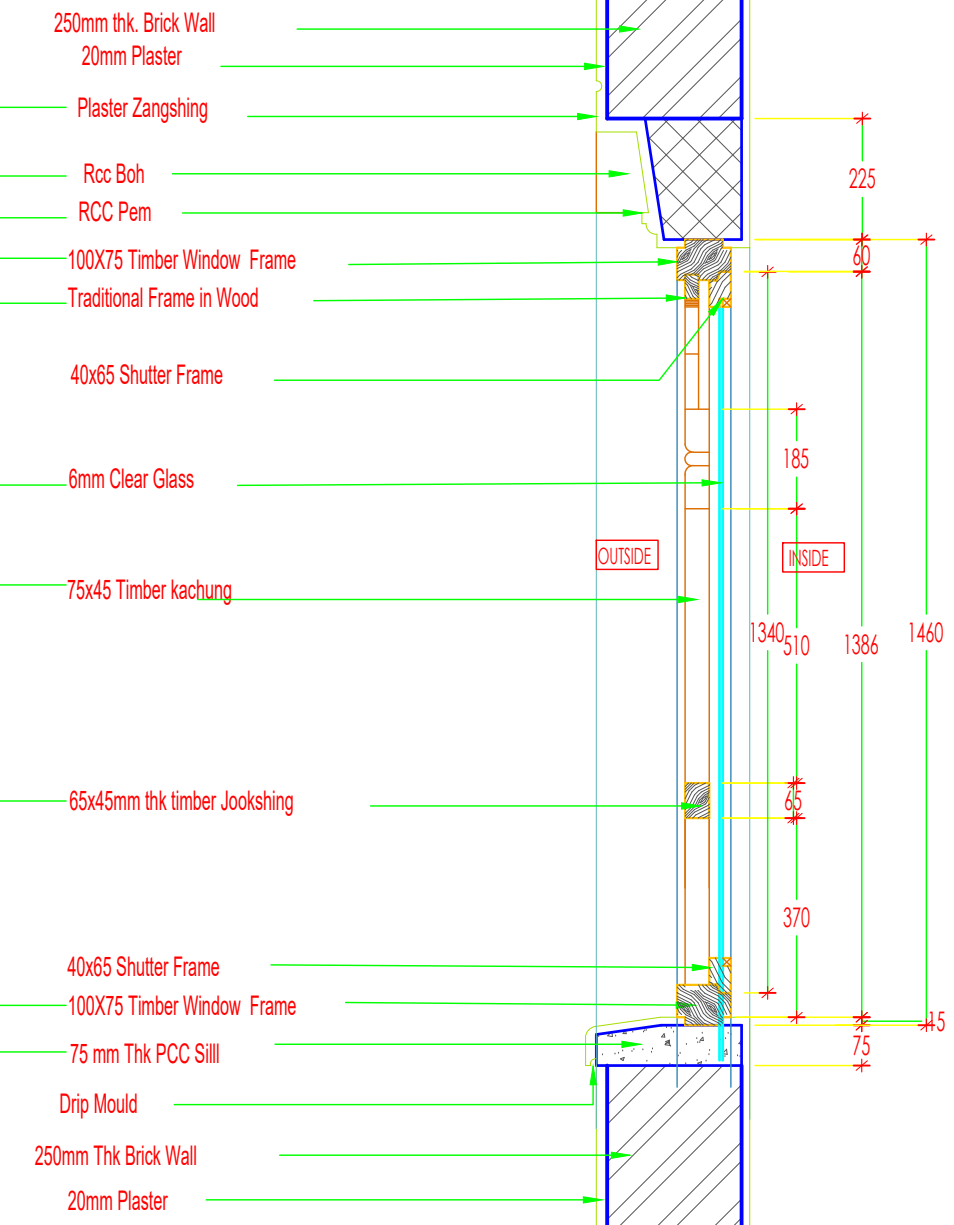
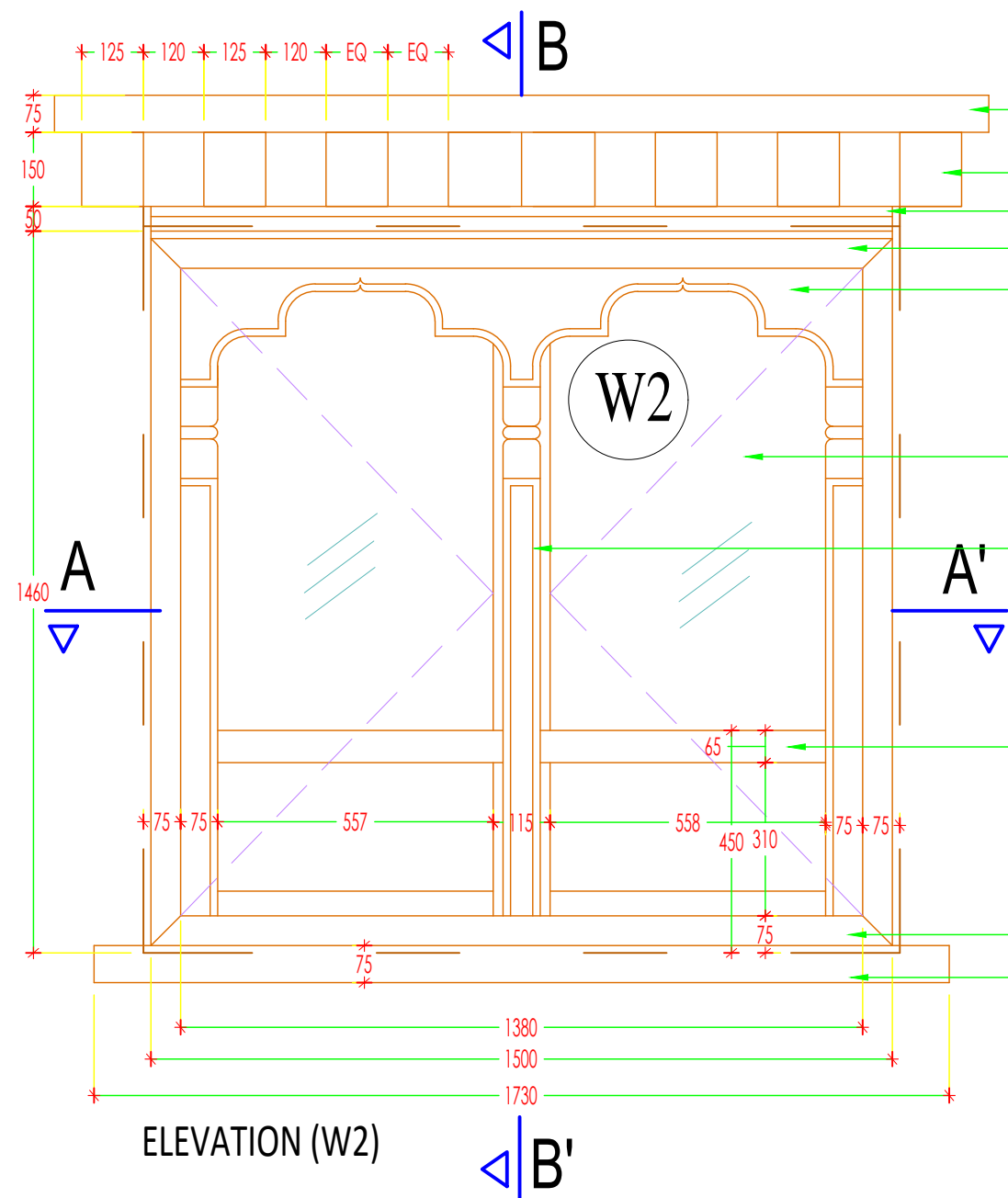
DESIGNED BY:
 ANIZ PRADHAN
 BA-126(P)
 CHIEF ARCHITECT
 GREEN DESIGN STUDIO

DRAWING TITLE:
 WINDOW DETAILS

DATE: JULY 2020
SCALE: 1:100
DRAWING : ARCHITECTURAL
SHEET NO : AR/17

REVISION SUFFIX	NORTH
□ □ □ □ □	

- GENERAL NOTE:**
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OFFICE: FLAT NO 8, GONGDZIN LAM
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 NEXT TO THIMPHU THROMDE BUILDING
 THIMPHU: BHUTAN

PROJECT:
TITLE: FUEL RETAIL OUTLET
LOCATION: TRI-JUNCTION, CHUKHA
OWNER: STCBL
PLOT ID: -
THARM NO: -
FLOORS: G+1 STRUCTURE

REMARKS



OWNER SIGNATURE

DESIGNED BY:
 ANIZ PRADHAN
 BA-126(P)
 CHIEF ARCHITECT
 GREEN DESIGN STUDIO

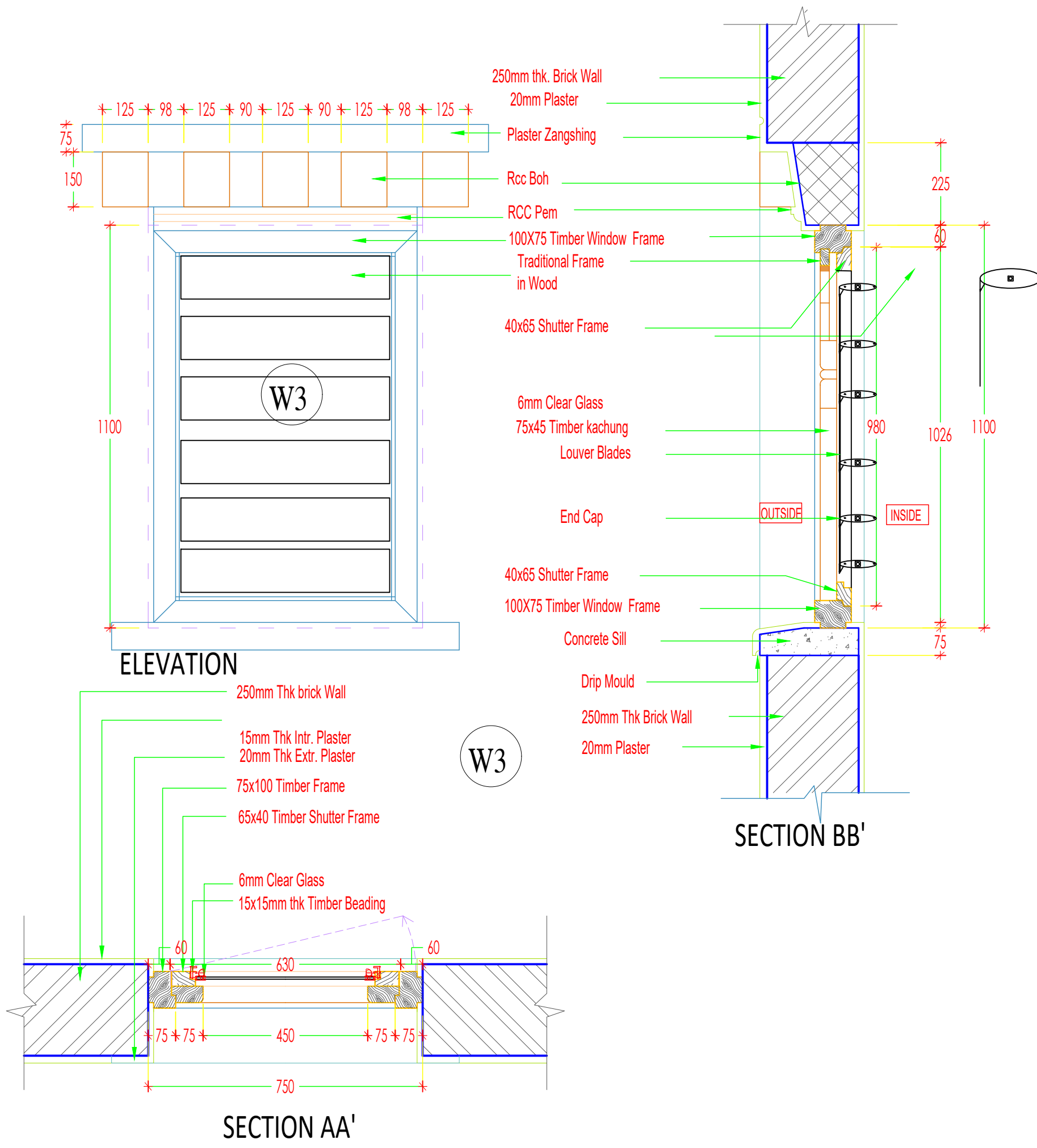
DRAWING TITLE:
 WINDOW DETAILS

DATE: JULY 2020
SCALE: 1:100
DRAWING : ARCHITECTURAL
SHEET NO : AR/18

REVISION SUFFIX	NORTH
□ □ □ □ □	

GENERAL NOTE:

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OFFICE: FLAT NO 8, GONGDZIN LAM
 ABOVE 8/11 CONVENIENT STORE
 NEXT TO THIMPHU THROMDE BUILDING
 THIMPHU: BHUTAN

PROJECT:
 TITLE: FUEL RETAIL OUTLET
 LOCATION: TRI-JUNCTION, CHUKHA
 OWNER: STCBL
 PLOT ID: -
 THARM NO: -
 FLOORS: G+1 STRUCTURE

REMARKS



OWNER SIGNATURE

DESIGNED BY:
 ANIZ PRADHAN
 BA-126(P)
 CHIEF ARCHITECT
 GREEN DESIGN STUDIO

DRAWING TITLE:
 WINDOW DETAILS

DATE: JULY 2020

SCALE: 1:100

DRAWING : ARCHITECTURAL

SHEET NO : AR/19

REVISION SUFFIX	NORTH
□ □ □ □ □	

GENERAL NOTE:

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OFFICE: FLAT NO 8, GONGDZIN LAM
 ABOVE 8/11 CONVENIENT STORE
 NEXT TO THIMPHU THROMDE BUILDING
 THIMPHU: BHUTAN

PROJECT:
 TITLE: FUEL RETAIL OUTLET
 LOCATION: TRI-JUNCTION, CHUKHA
 OWNER: STCBL
 PLOT ID: -
 THARM NO: -
 FLOORS: G+1 STRUCTURE

REMARKS



OWNER SIGNATURE

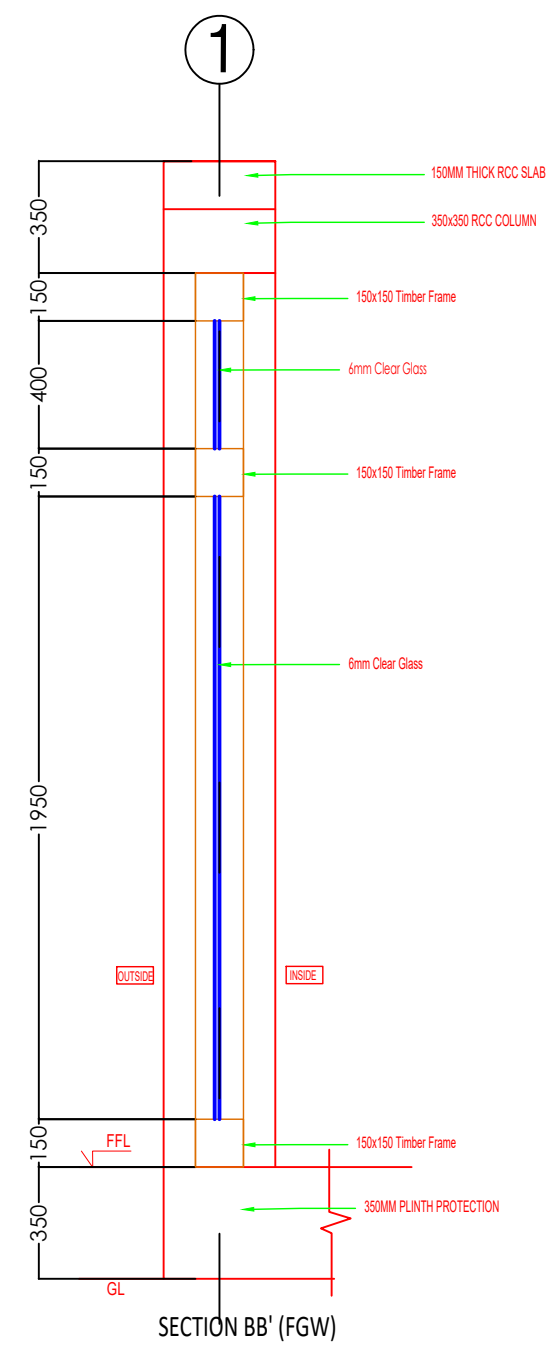
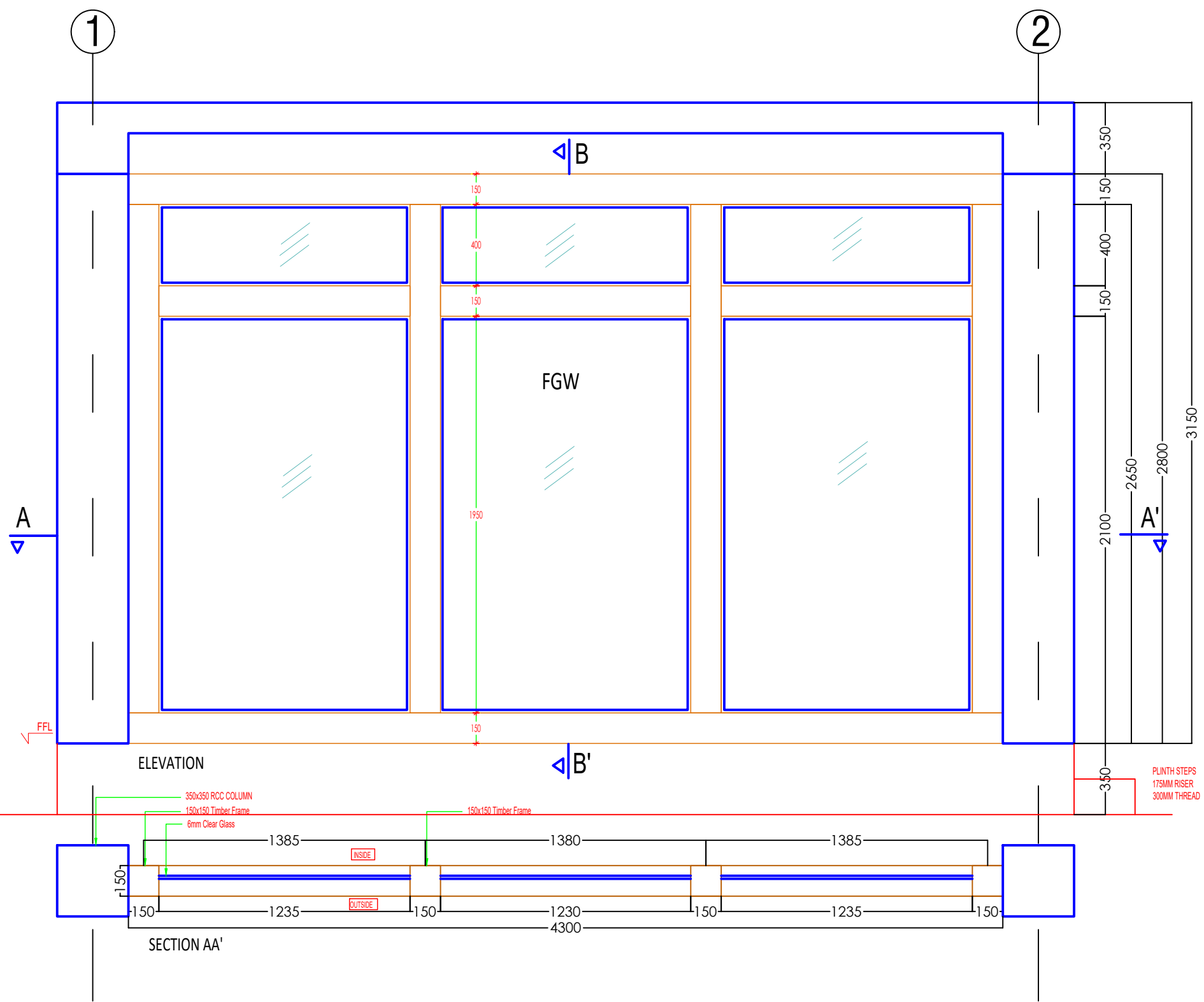
DESIGNED BY:
 ANIZ PRADHAN
 BA-126(P)
 CHIEF ARCHITECT
 GREEN DESIGN STUDIO

DRAWING TITLE:
 FRONT GLASS DETAILS

DATE: JULY 2020
 SCALE: 1:100
 DRAWING : ARCHITECTURAL
 SHEET NO : AR/20

REVISION SUFFIX	NORTH
□ □ □ □ □	

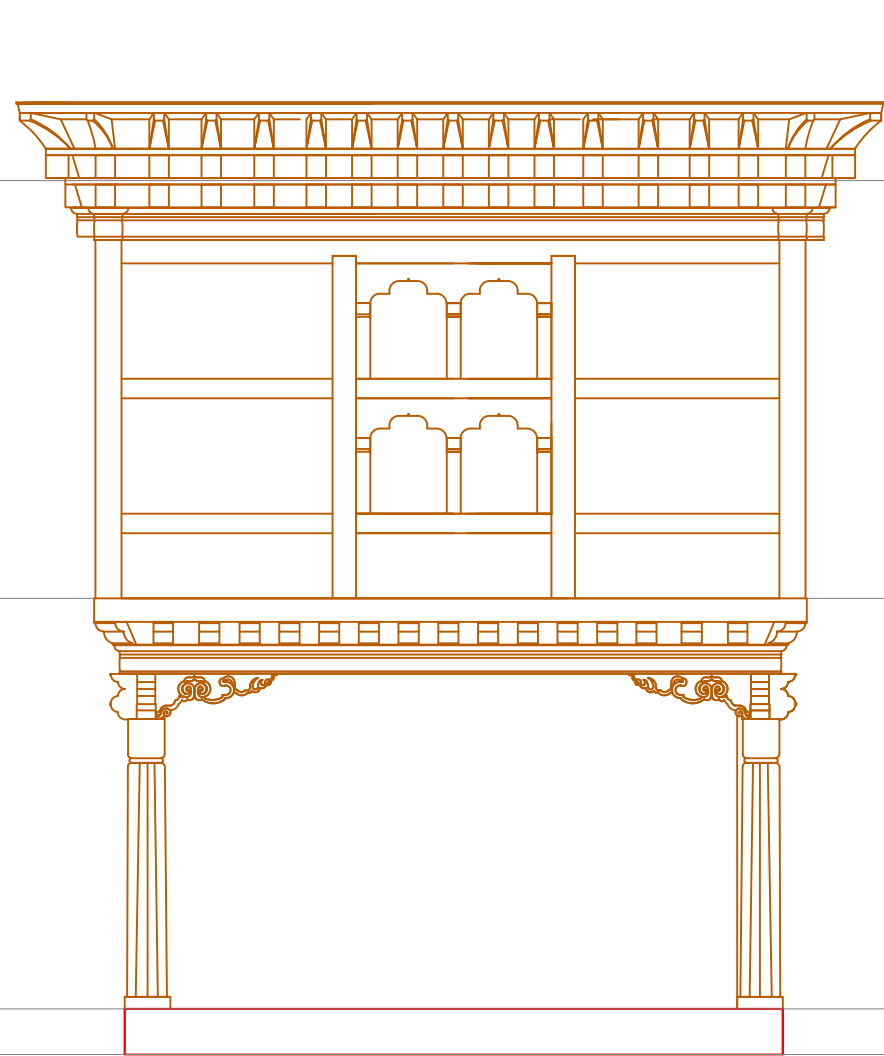
- GENERAL NOTE:
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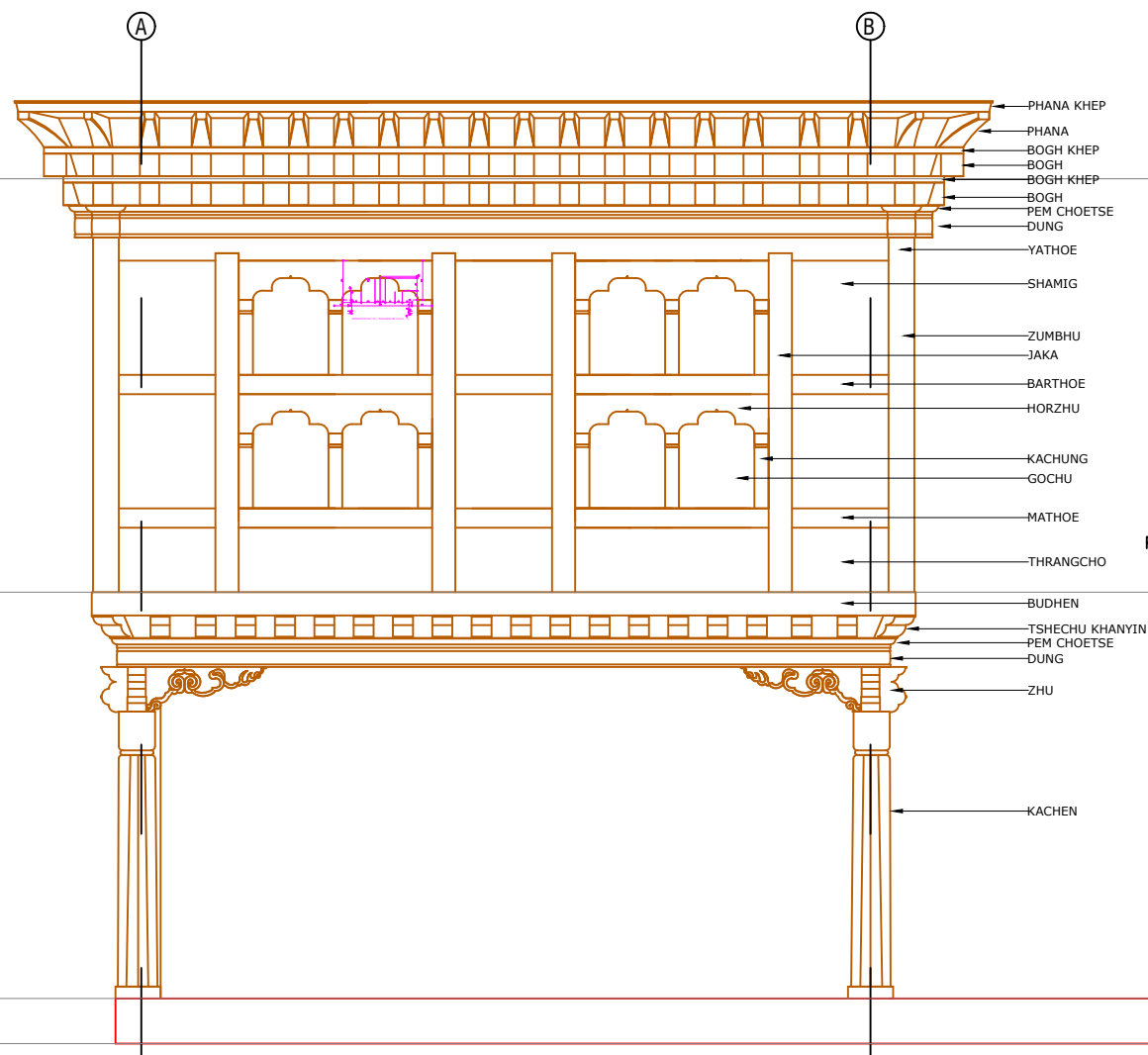
ELEVATION

SECTION AA'

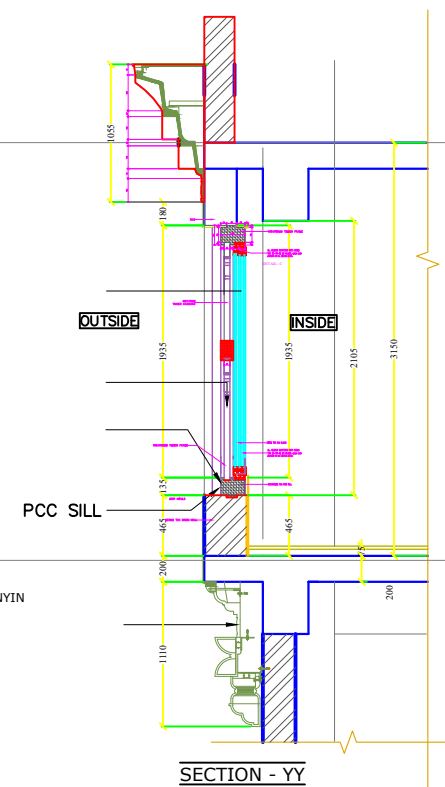
SECTION BB' (FGW)



ELEVATION 2



FRONT ELEVATION



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OFFICE: FLAT NO 8, GONGDZIN LAM
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 NEXT TO THIMPHU THROMDE BUILDING
 THIMPHU: BHUTAN

PROJECT:
 TITLE: FUEL RETAIL OUTLET
 LOCATION: TRI-JUNCTION, CHUKHA
 OWNER: STCBL
 PLOT ID: -
 THARM NO: -
 FLOORS: G+1 STRUCTURE

REMARKS



OWNER SIGNATURE

DESIGNED BY:
 ANIZ PRADHAN
 BA-126(P)
 CHIEF ARCHITECT
 GREEN DESIGN STUDIO

DRAWING TITLE:
 RABSEY WINDOW DETAILS

DATE: JULY 2020

SCALE: 1:100

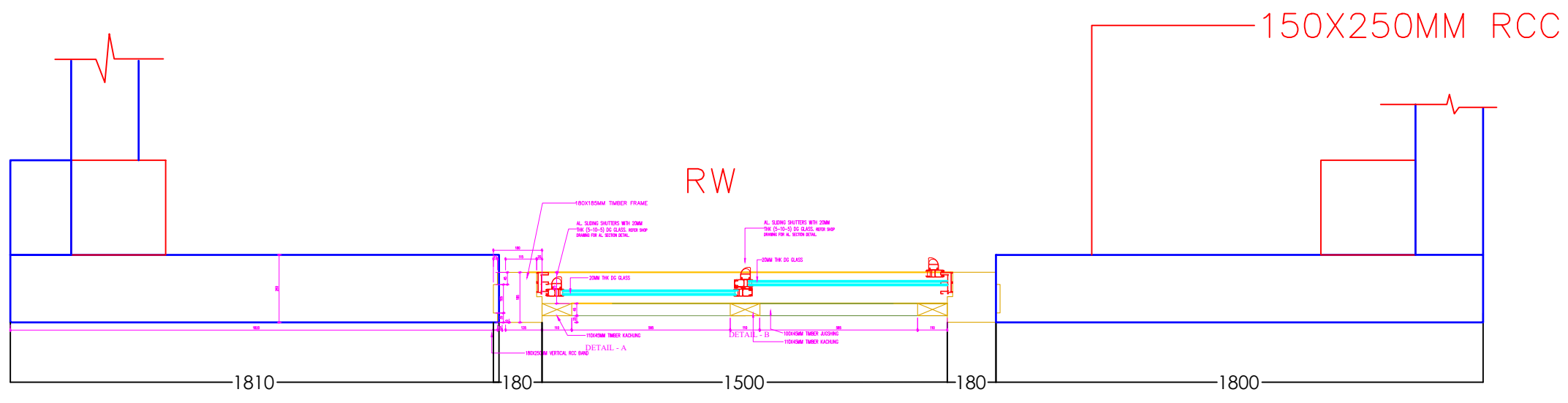
DRAWING : ARCHITECTURAL

SHEET NO : AR/21

REVISION SUFFIX	NORTH
□ □ □ □ □	

GENERAL NOTE:

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OFFICE: FLAT NO 8, GONGDZIN LAM
 ABOVE 8/11 CONVENIENT STORE
 NEXT TO THIMPHU THROMDE BUILDING
 THIMPHU: BHUTAN

PROJECT:
 TITLE: FUEL RETAIL OUTLET
 LOCATION: TRI-JUNCTION, CHUKHA
 OWNER: STCBL
 PLOT ID: -
 THARM NO: -
 FLOORS: G+1 STRUCTURE

REMARKS



OWNER SIGNATURE

DESIGNED BY:
 ANIZ PRADHAN
 BA-126(P)
 CHIEF ARCHITECT
 GREEN DESIGN STUDIO

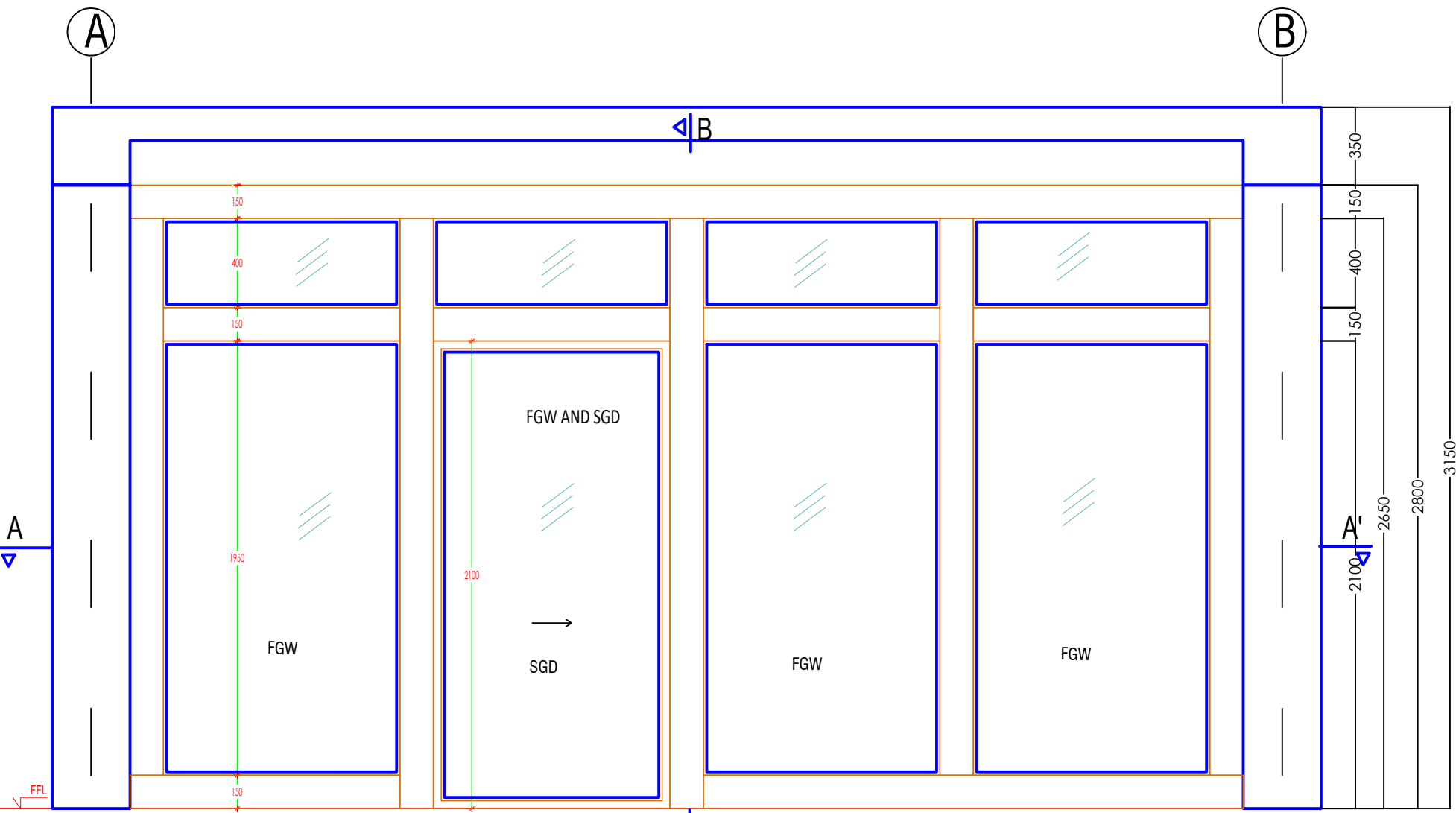
DRAWING TITLE:
 FRONT GLASS DETAILS

DATE: JULY 2020
 SCALE: 1:100
 DRAWING : ARCHITECTURAL
 SHEET NO : AR/22

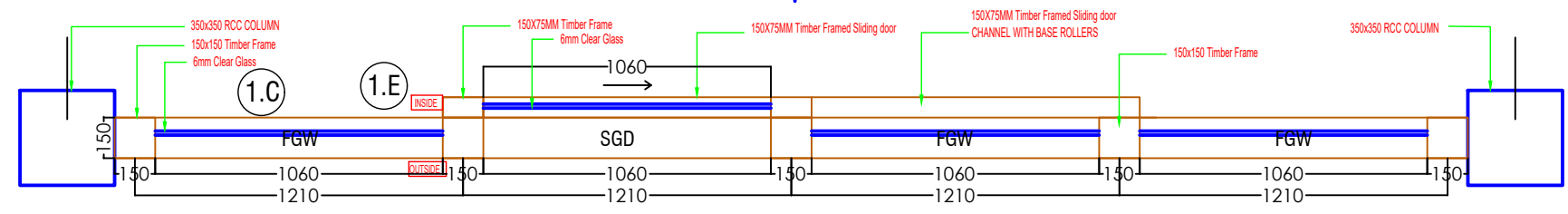
REVISION SUFFIX	NORTH
□ □ □ □ □	

GENERAL NOTE:

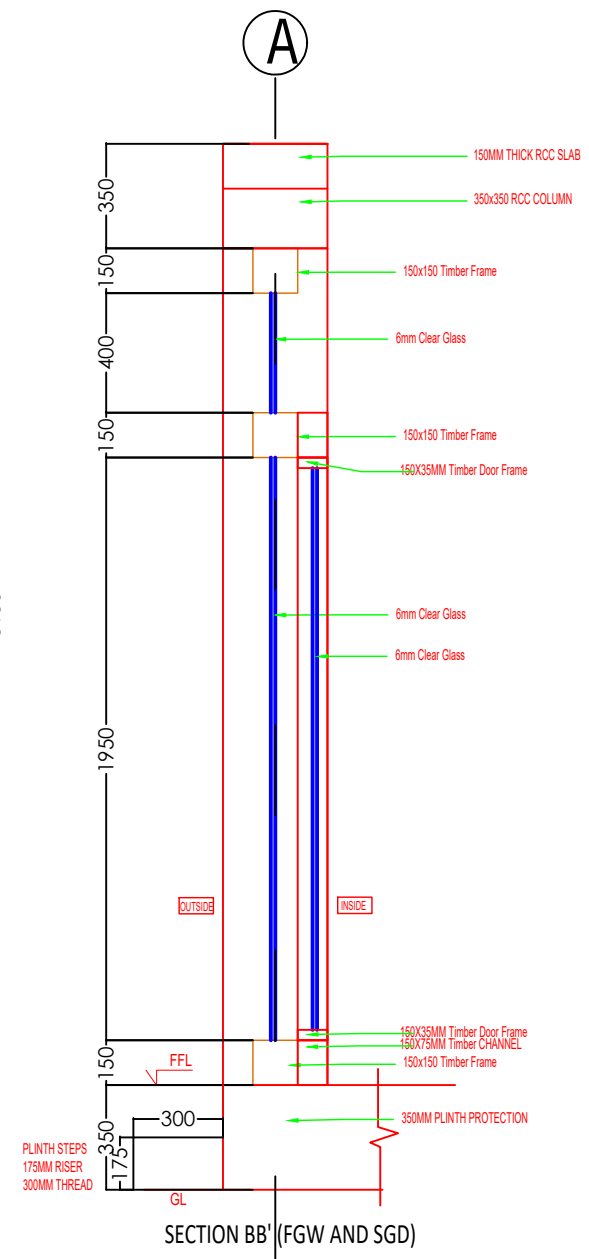
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ELEVATION (FGW AND SGD)



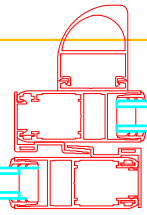
SECTION AA' (FGW AND SGD)



SECTION BB' (FGW AND SGD)

AL. SLIDING SHUTTERS WITH 20MM THK (5-10-5) DG GLASS. REFER SHOP DRAWING FOR AL. SECTION DETAIL.

20MM THK DG GLASS



DETAIL - B

100X45MM TIMBER JUGSHING
110X45MM TIMBER KACHUNG

180

AL. SLIDING SHUTTERS WITH 20MM THK (5-10-5) DG GLASS. REFER SHOP DRAWING FOR AL. SECTION DETAIL.

20MM THK DG GLASS

165

115

20

45

105

185

35

10

15

135

110

DETAIL - A

110X45MM TIMBER KACHUNG

180X250MM VERTICAL RCC BAND

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OFFICE: FLAT NO 8, GONGDZIN LAM
ABOVE 8/11 CONVENIENT STORE
NEXT TO THIMPHU THROMDE BUILDING
THIMPHU: BHUTAN

PROJECT:

TITLE: FUEL RETAIL OUTLET
LOCATION: TRI-JUNCTION, CHUKHA
OWNER: STCBL
PLOT ID: -
THARM NO: -
FLOORS: G+1 STRUCTURE

REMARKS



OWNER SIGNATURE

DESIGNED BY:

ANIZ PRADHAN
BA-126(P)
CHIEF ARCHITECT
GREEN DESIGN STUDIO

DRAWING TITLE:

WINDOW DETAILS

DATE: JULY 2020

SCALE: 1:100

DRAWING : ARCHITECTURAL

SHEET NO : AR/23

REVISION SUFFIX

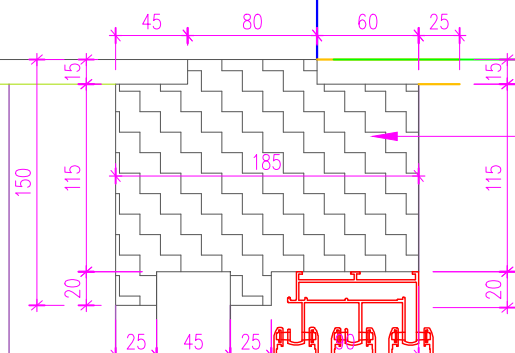
□ □ □ □ □

NORTH



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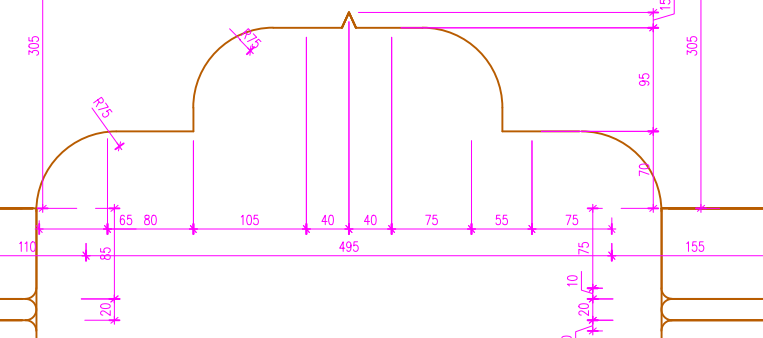


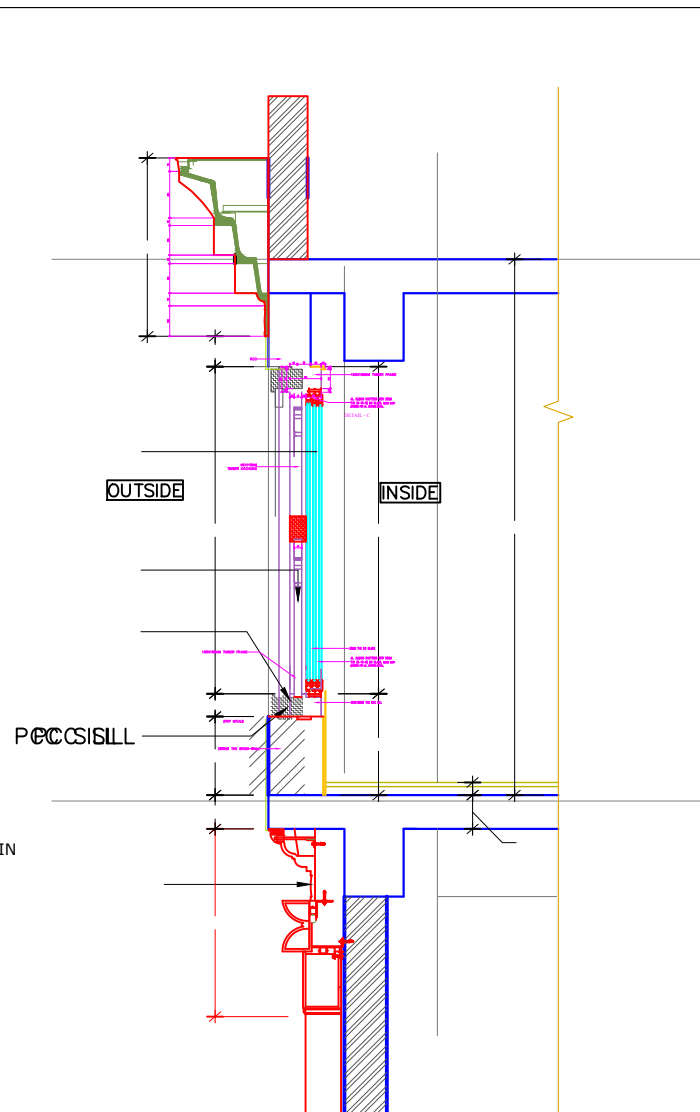
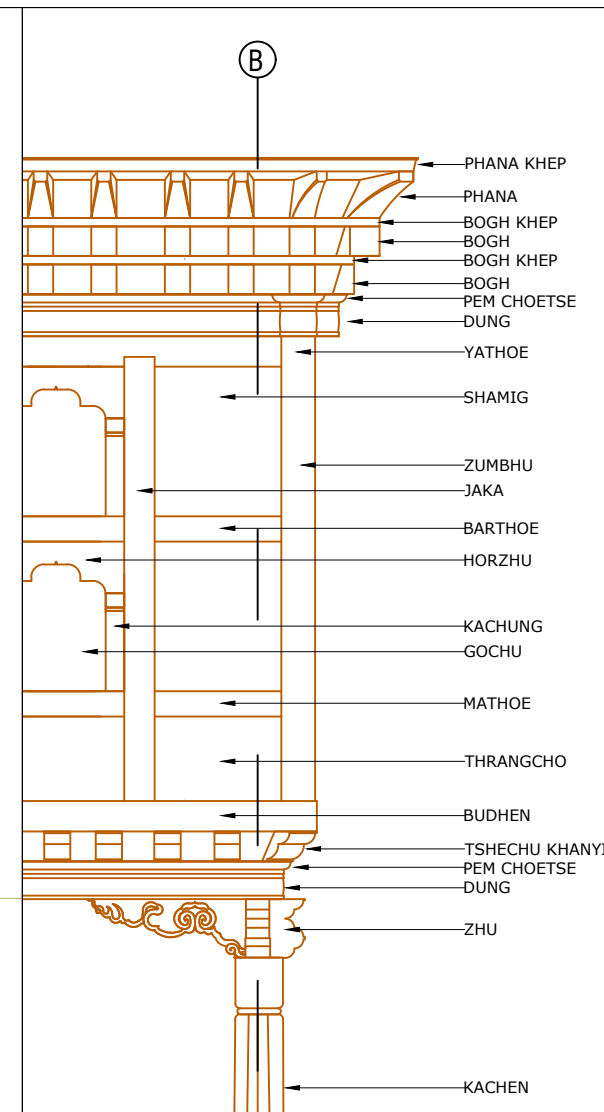
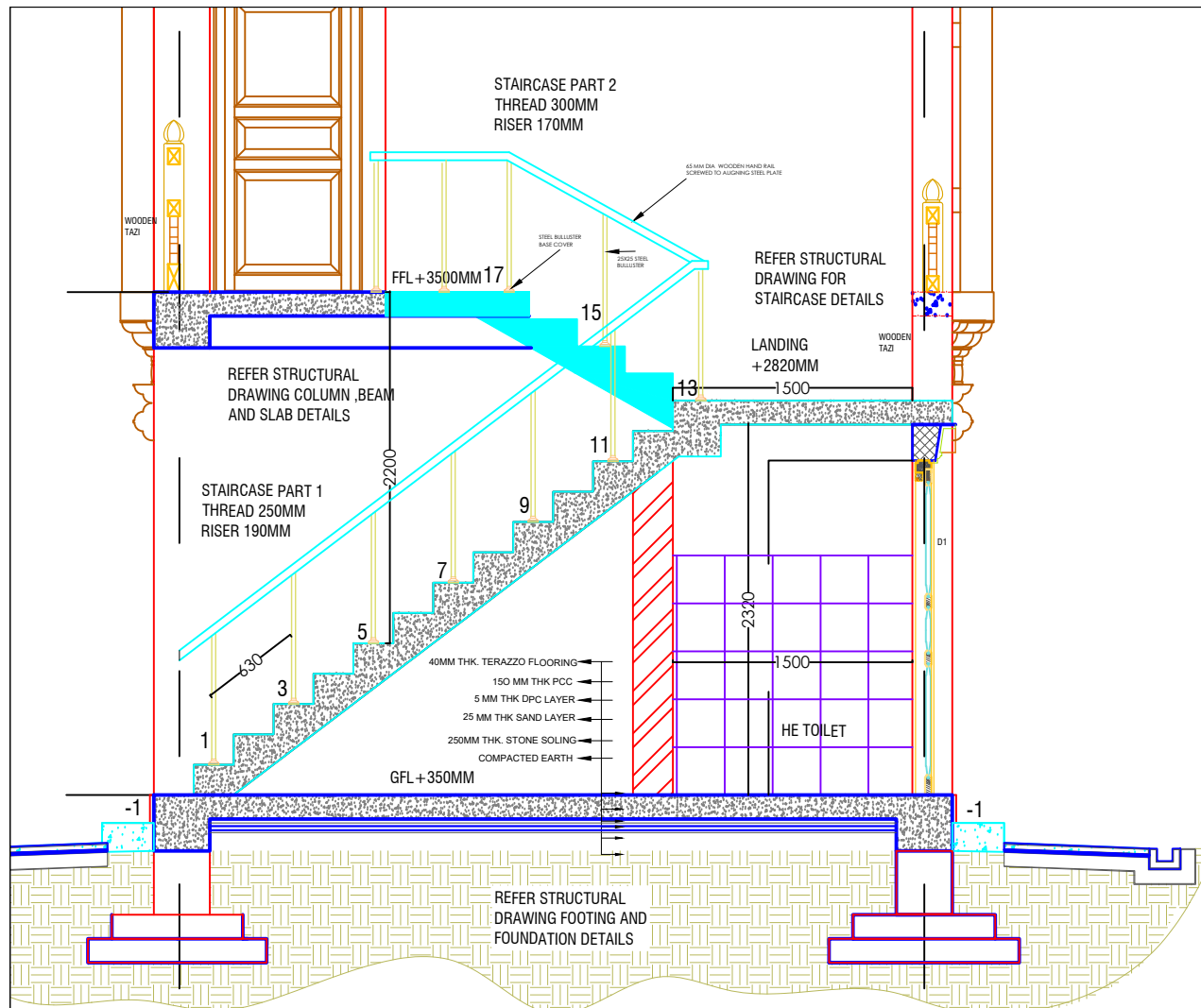
AL. SLIDING SHUTTERS WITH 20MM THK (5-10-5) DG GLASS. REFER SHOP DRAWING FOR AL. SECTION DETAIL.

DETAIL - C

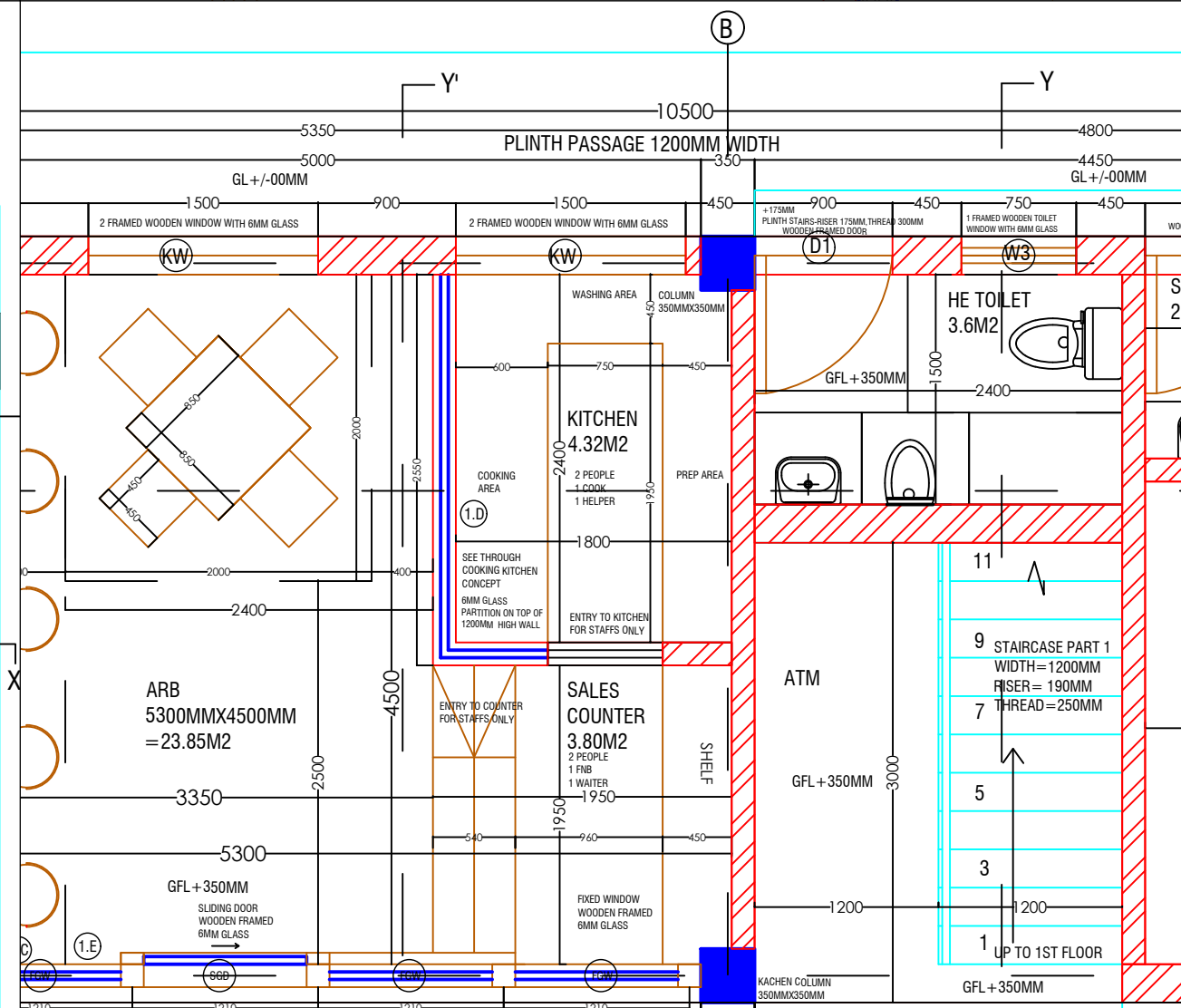
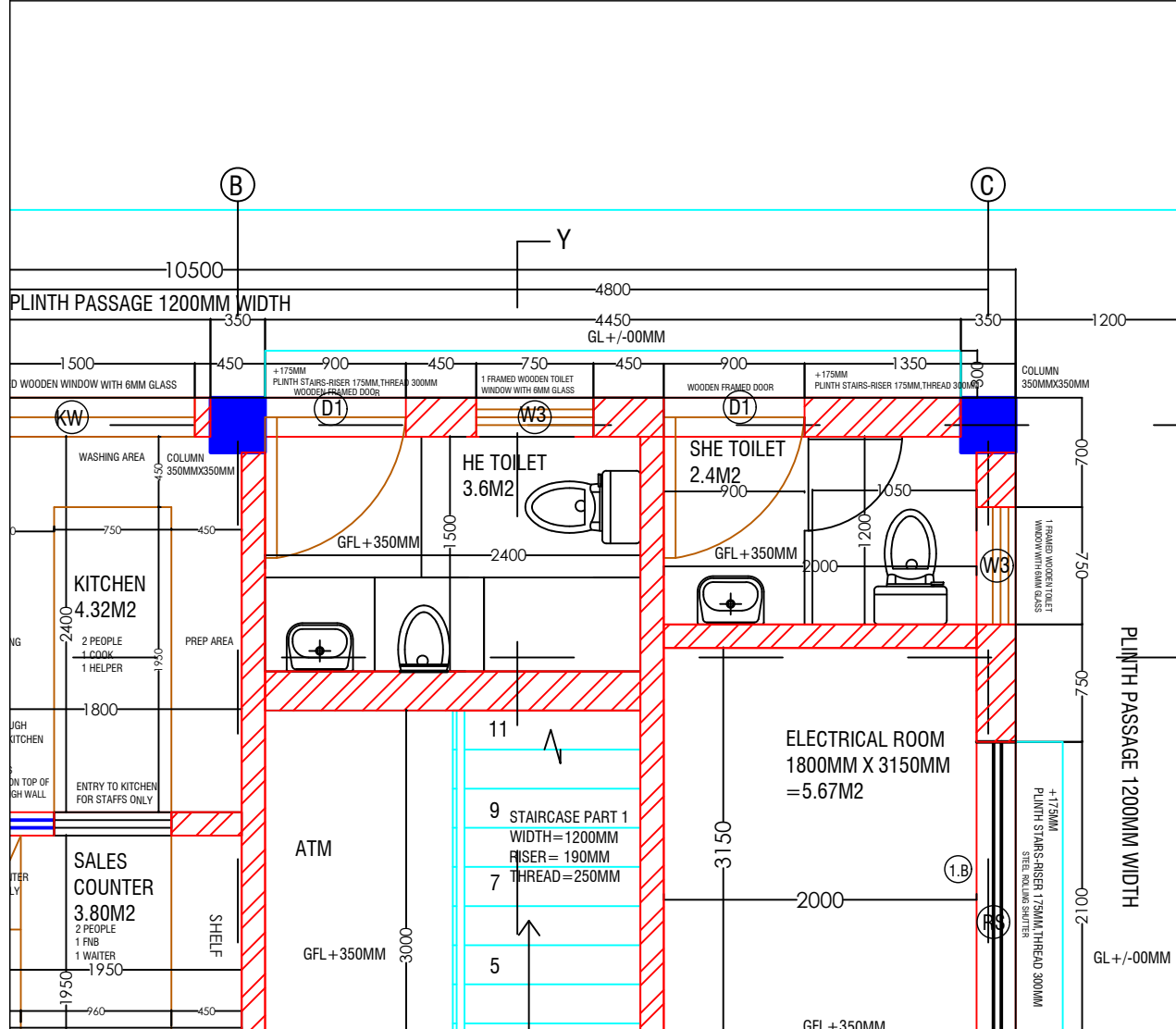
150X185MM TIMBER FRAME

HORSHING DETAIL (H1) : FOR RABSEL-RB (SCALE ; 1:5)





CROSS SECTION Y-Y



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OFFICE: FLAT NO 8, GONGDZIN LAM
 ABOVE 8/11 CONVENIENT STORE
 NEXT TO THIMPHU THROMDE BUILDING
 THIMPHU: BHUTAN

PROJECT:
 TITLE: FUEL RETAIL OUTLET
 LOCATION: TRI-JUNCTION, CHUKHA
 OWNER: STCBL
 PLOT ID: -
 THARM NO: -
 FLOORS: G+1 STRUCTURE



OWNER SIGNATURE

DESIGNED BY:
 ANIZ PRADHAN
 BA-126(P)
 CHIEF ARCHITECT
 GREEN DESIGN STUDIO

DRAWING TITLE:
 DETAIL PLAN

DATE: JULY 2020
 SCALE: 1:100
 DRAWING : ARCHITECTURAL
 SHEET NO : AR/24

REVISION SUFFIX NORTH

GENERAL NOTE:
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OFFICE: FLAT NO 8, GONGDZIN LAM
 ABOVE 8/11 CONVENIENT STORE
 NEXT TO THIMPHU THROMDE BUILDING
 THIMPHU: BHUTAN

PROJECT:
 TITLE: FUEL RETAIL OUTLET
 LOCATION: TRI-JUNCTION, CHUKHA
 OWNER: STCBL
 PLOT ID: -
 THARM NO: -
 FLOORS: G+1 STRUCTURE

REMARKS



OWNER SIGNATURE

DESIGNED BY:
 ANIZ PRADHAN
 BA-126(P)
 CHIEF ARCHITECT
 GREEN DESIGN STUDIO

DRAWING TITLE:
 CURTAIN LOGO

DATE: JULY 2020

SCALE: 1:100

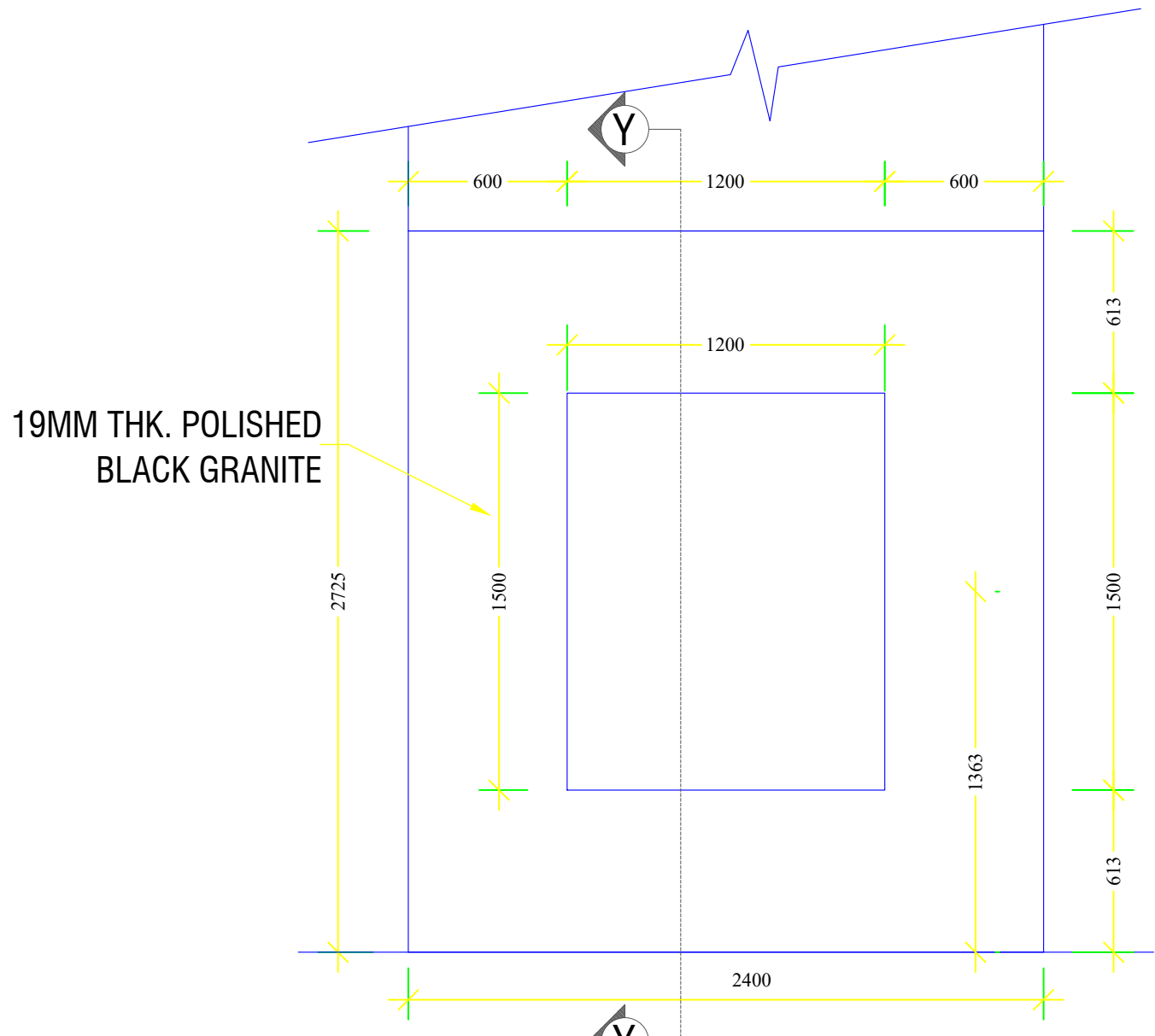
DRAWING : ARCHITECTURAL

SHEET NO : AR/25

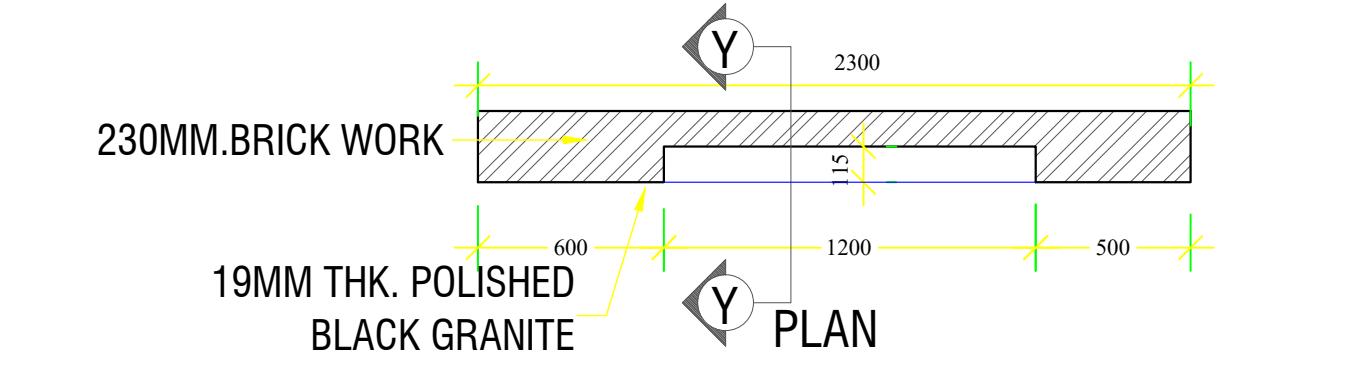
REVISION SUFFIX	NORTH
□ □ □ □ □	

GENERAL NOTE:

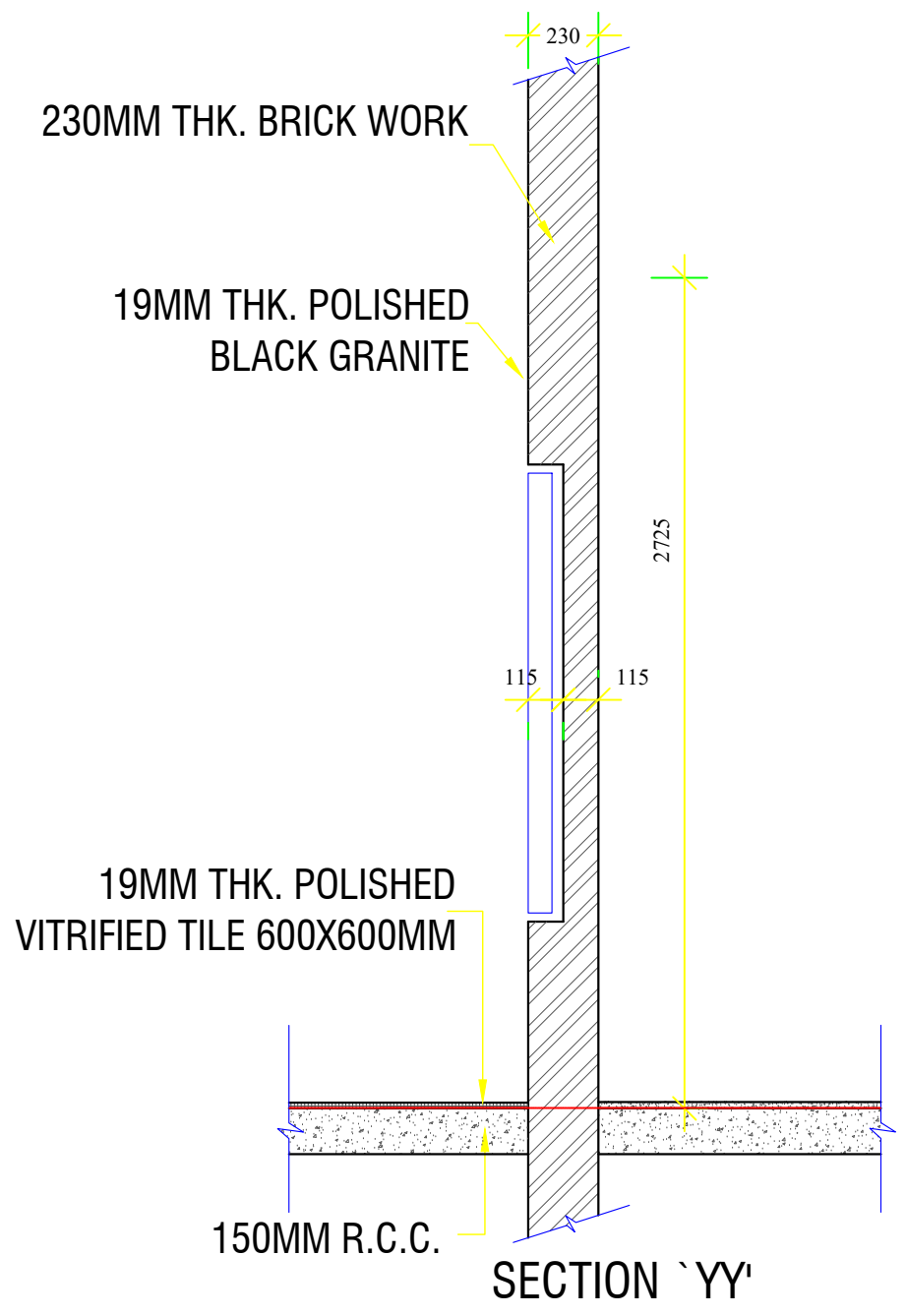
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FRONT ELEVATION
 CURTAIN WALL DIMENSION
 WITH LOGO



PLAN



SECTION 'YY'

SCHEDULE OF FINISHES

SPACE	INTERNAL WALL	FLOOR	SIZE	CEILING
PUBLIC TOILET	2100MM HIGH WALL GLAZED TILES 600MMX300MM & ACRYLIC EMULSION (ABOVE TILING)	POLISHED VITRIFIED TILES	600MMX600MM	ACRYLIC EMULSION
STAFF TOILET	2100MM HIGH WALL GLAZED TILES 600MMX300MM & ACRYLIC EMULSION (ABOVE TILING)	POLISHED VITRIFIED TILES	600MMX600MM	ACRYLIC EMULSION
ELECTRICAL ROOM	ACRYLIC EMULSION-(WHITE)	KOTA STONE/MARBLE	600MMx600MM	ACRYLIC EMULSION
LUBE STORE	ACRYLIC EMULSION-(WHITE)	KOTA STONE/MARBLE	600MMx600MM	ACRYLIC EMULSION
STAFF REST ROOM	ACRYLIC EMULSION-(WHITE)	POLISHED VITRIFIED TILES	600MMx600MM	ACRYLIC EMULSION
WATER COOLER	GLAZED TILES 2100MM HIGH 600X300MM	VITRIFIED-SALT PEPPER TILES	600MMX600MM	ACRYLIC EMULSION
PCO	ACRYLIC EMULSION-(WHITE)	POLISHED VITRIFIED TILES	600MMX600MM	ACRYLIC EMULSION
DEALERS ROOM	ACRYLIC EMULSION-(WHITE)	POLISHED VITRIFIED TILES	600MMX600MM	ACRYLIC EMULSION
PICK UP COUNTER	ACRYLIC EMULSION-(WHITE)	POLISHED VITRIFIED TILES	600MMX600MM	ACRYLIC EMULSION
WASH AREA	2100MM HIGH WALL GLAZED TILES 200MMX200MM	VITRIFIED-SALT PEPPER TILES	600MMX600MM	ACRYLIC EMULSION

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OFFICE: FLAT NO 8, GONGDZIN LAM
 ABOVE 8/11 CONVENIENT STORE
 NEXT TO THIMPHU THROMDE BUILDING
 THIMPHU: BHUTAN

PROJECT:

TITLE: FUEL RETAIL OUTLET
LOCATION: TRI-JUNCTION, CHUKHA
OWNER: STCBL
PLOT ID: -
THARM NO: -
FLOORS: G+1 STRUCTURE

REMARKS



OWNER SIGNATURE

DESIGNED BY:

ANIZ PRADHAN
 BA-126(P)
 CHIEF ARCHITECT
 GREEN DESIGN STUDIO

DRAWING TITLE:

SCHEDULE OF FINISHES

DATE: JULY 2020

SCALE: 1:100

DRAWING : ARCHITECTURAL

SHEET NO : AR/26

REVISION SUFFIX

□ □ □ □ □

NORTH



GENERAL NOTE:

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 NEXT TO THIMPHU THROMDE BUILDING
 THIMPHU: BHUTAN

PROJECT:
 TITLE: FUEL RETAIL OUTLET
 LOCATION: TRI-JUNCTION, CHUKHA
 OWNER: STCBL
 PLOT ID: -
 THARM NO: -
 FLOORS: G+1 STRUCTURE

REMARKS



OWNER SIGNATURE

DESIGNED BY:
 ANIZ PRADHAN
 BA-126(P)
 CHIEF ARCHITECT
 GREEN DESIGN STUDIO

DRAWING TITLE:
 PLINTH PROTECTION AND KITCHEN DETAILS

DATE: JULY 2020

SCALE: 1:100

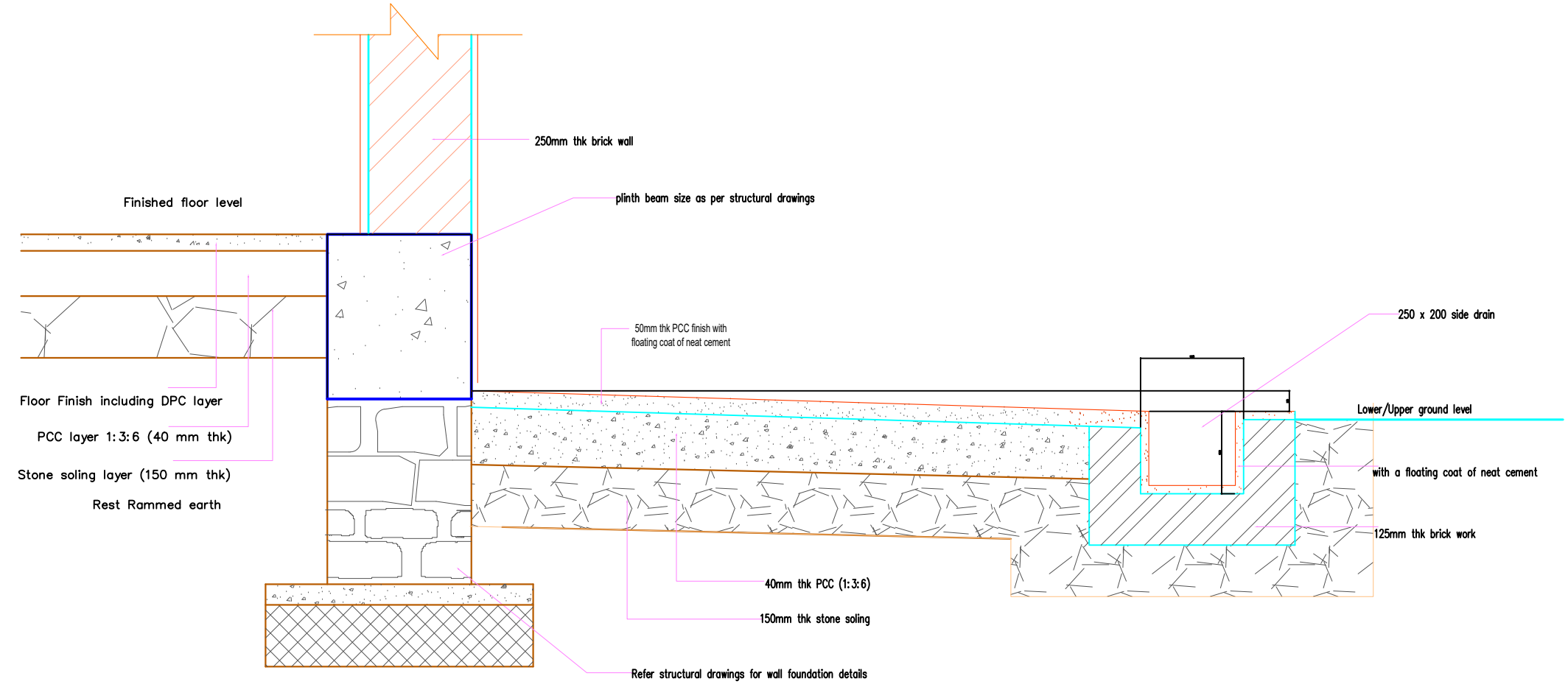
DRAWING : ARCHITECTURAL

SHEET NO : AR/27

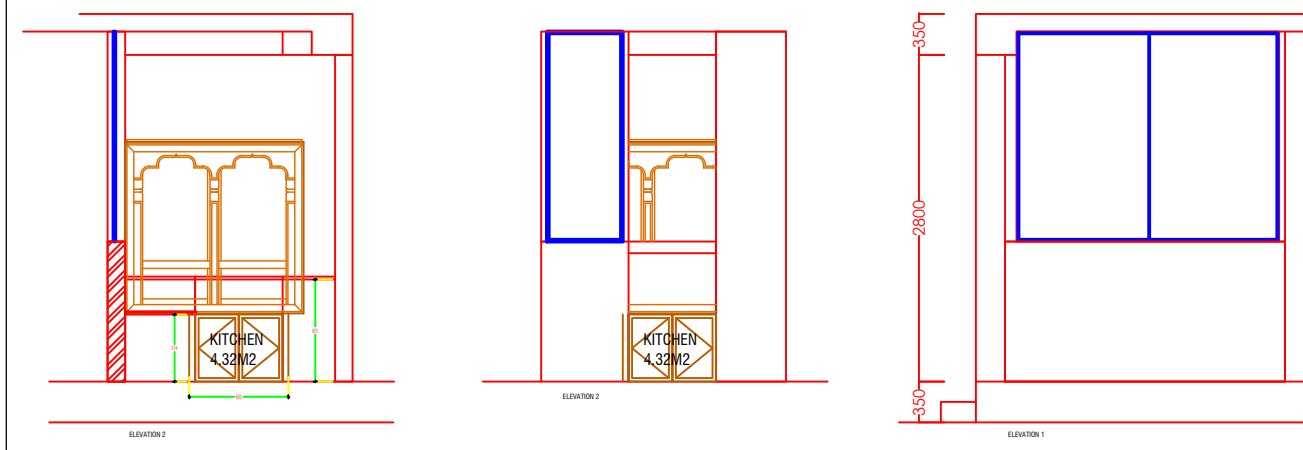
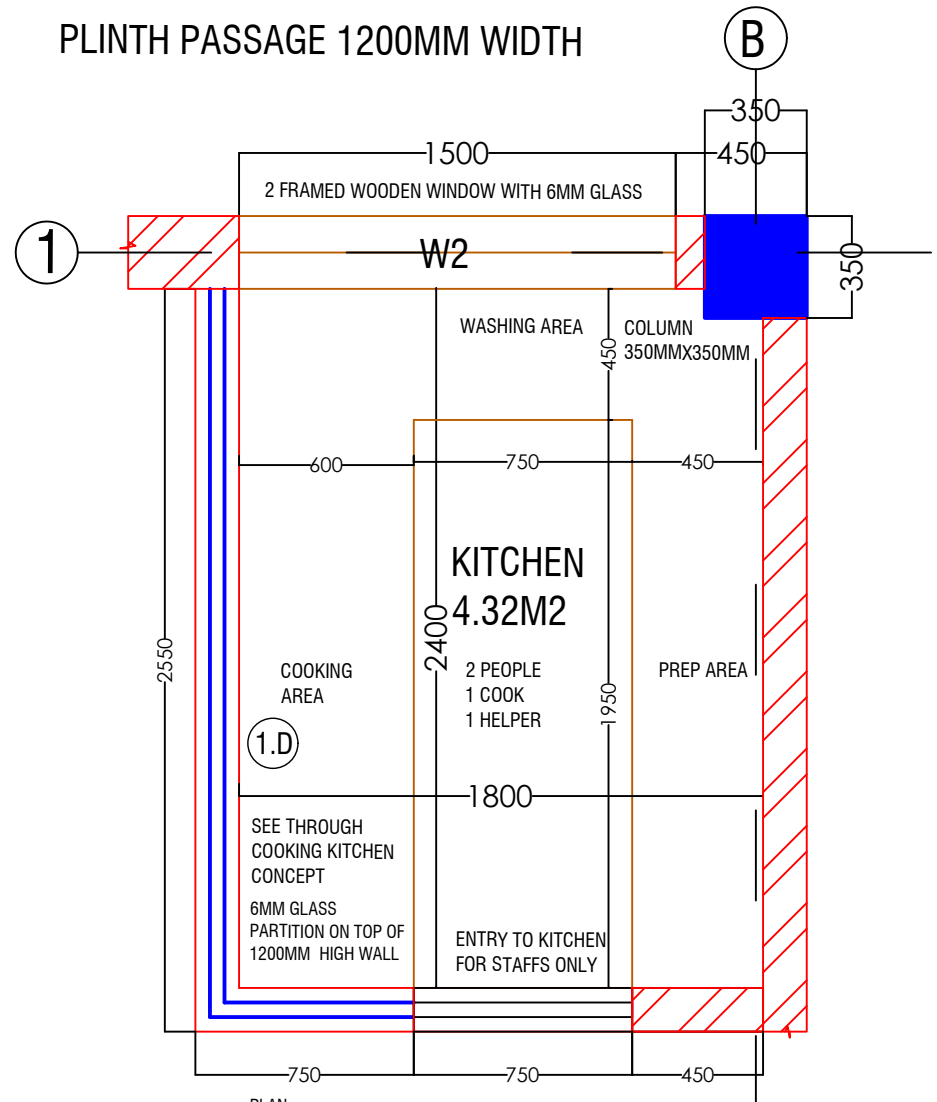
REVISION SUFFIX	NORTH
□ □ □ □ □	

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PLINTH PROTECTION

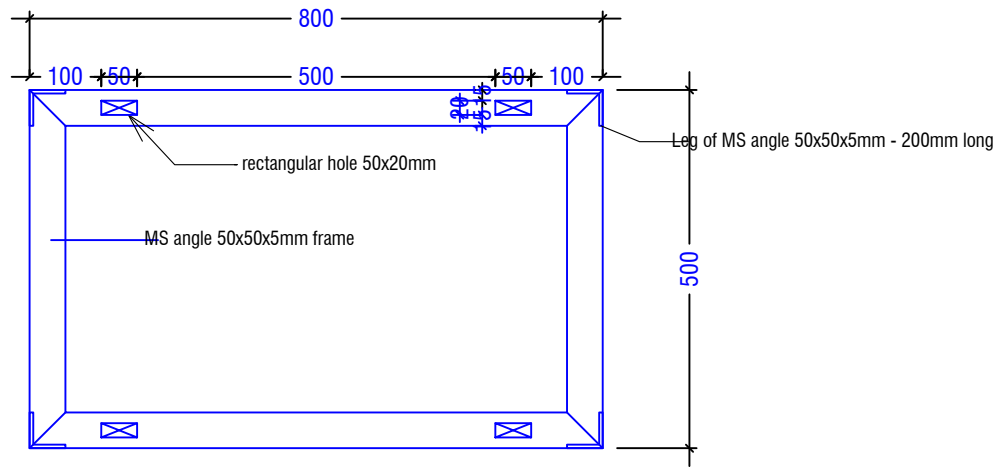


PLINTH PASSAGE 1200MM WIDTH

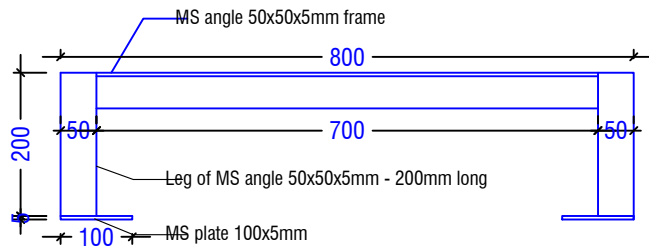
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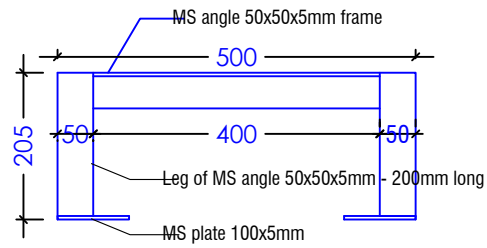
PLAN



PLAN

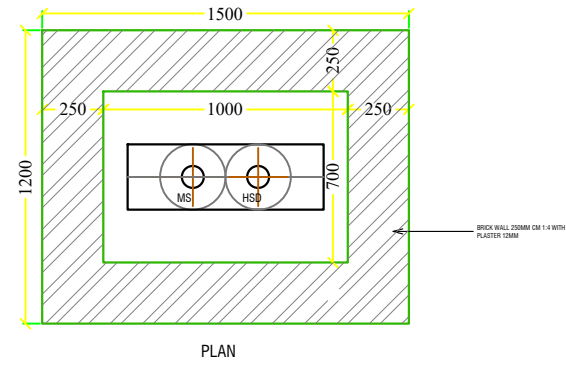
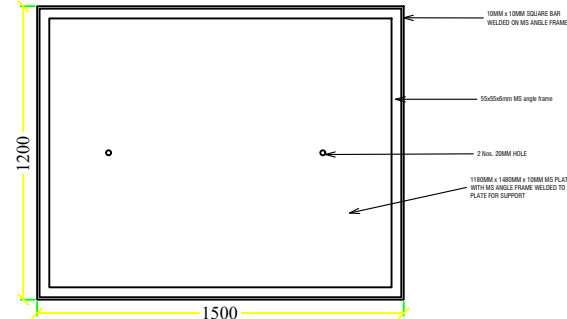


FRONT ELEVATION

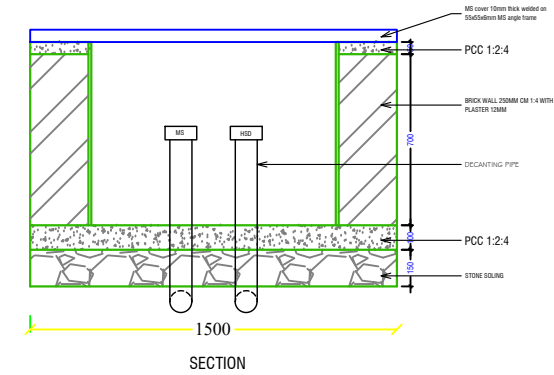


SIDE ELEVATION

MS frame for DU



TYPICAL DECANTING CHAMBER



SECTION

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THIMPHU: BHUTAN

PROJECT:

TITLE: FUEL RETAIL OUTLET
LOCATION: TRI-JUNCTION, CHUKHA
OWNER: STCBL
PLOT ID: -
THARM NO: -
FLOORS: G+1 STRUCTURE

REMARKS



OWNER SIGNATURE

DESIGNED BY:

ANIZ PRADHAN
BA-126(P)
CHIEF ARCHITECT
GREEN DESIGN STUDIO

DRAWING TITLE:

GRAB BAR, MAS FRAME & CHAMBER

DATE: JULY 2020

SCALE: 1:100

DRAWING : ARCHITECTURAL

SHEET NO : AR/28

REVISION SUFFIX

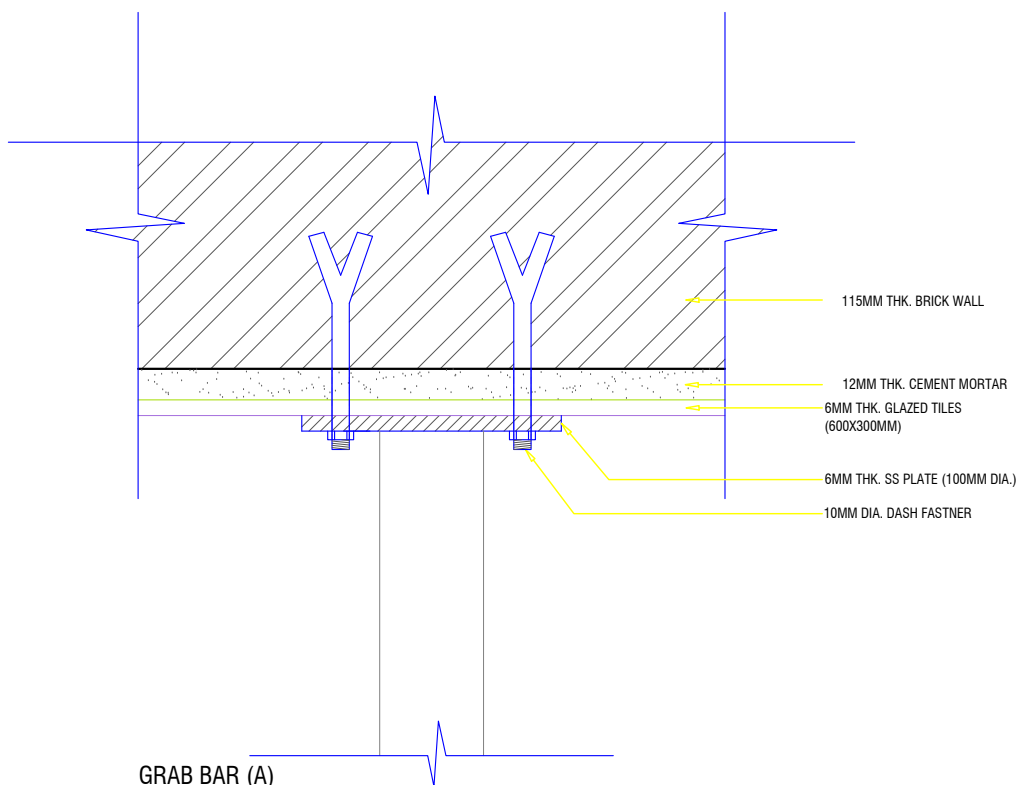
□ □ □ □ □

NORTH

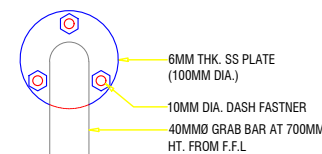


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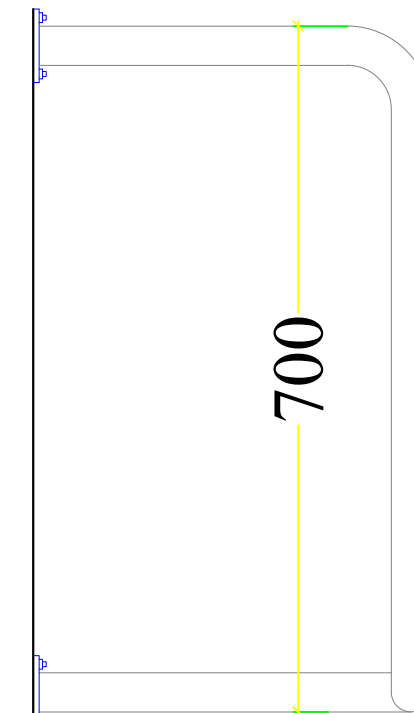
- ALL DIMENSIONS ARE IN METERS (FEET) UNLESS SPECIFIED OTHERWISE.
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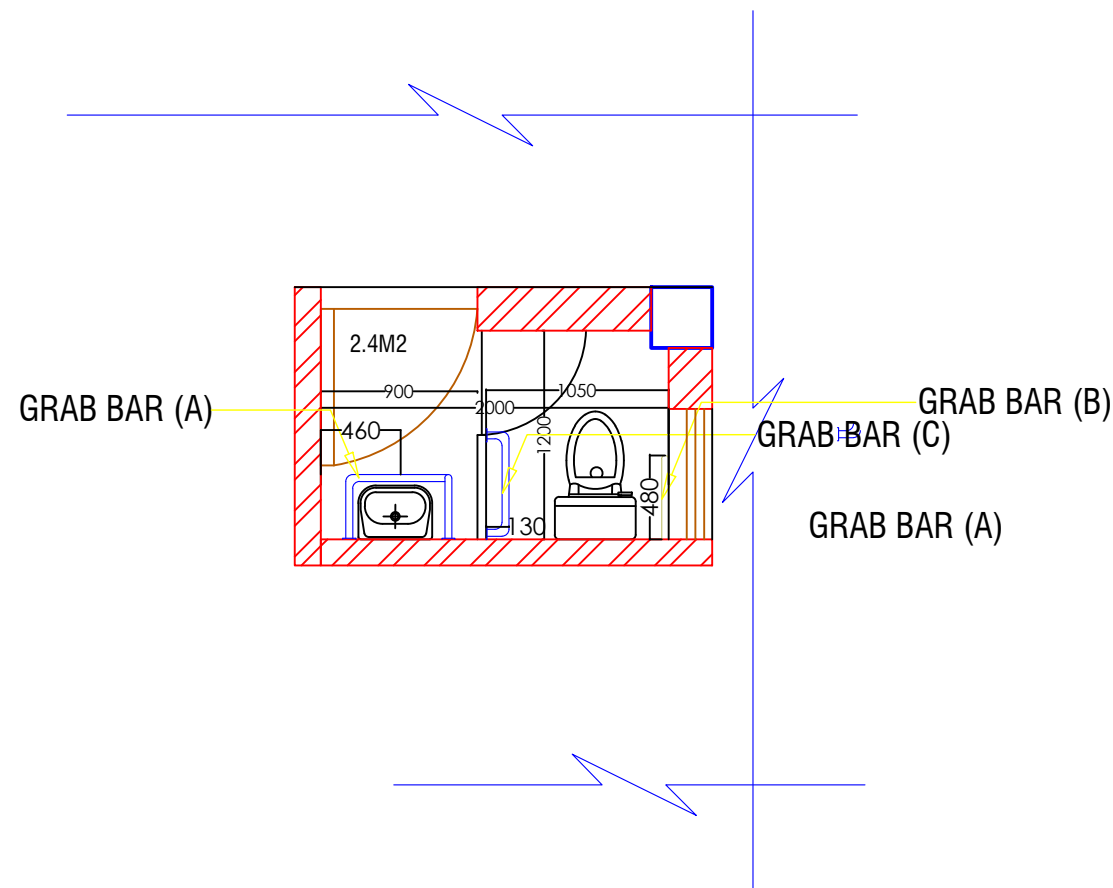
GRAB BAR (A)
SCALE : 1:2



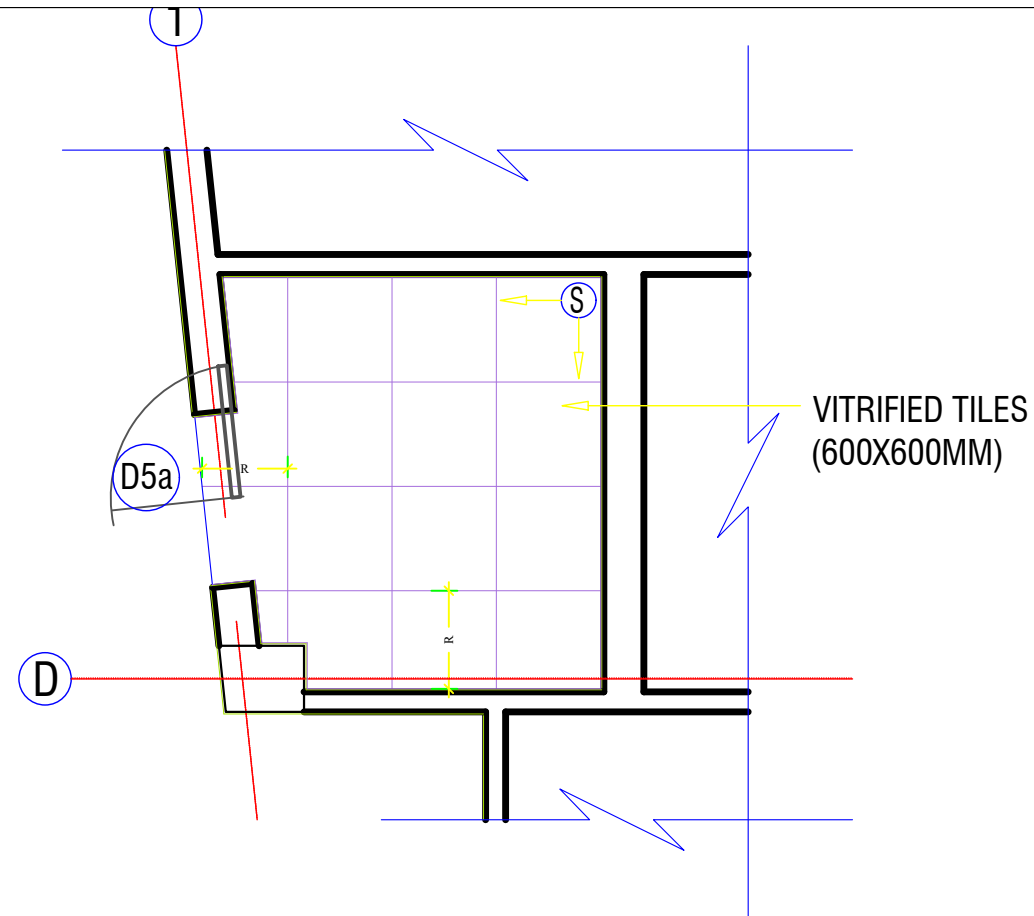
FRONT ELEVATION
SCALE : 1:5



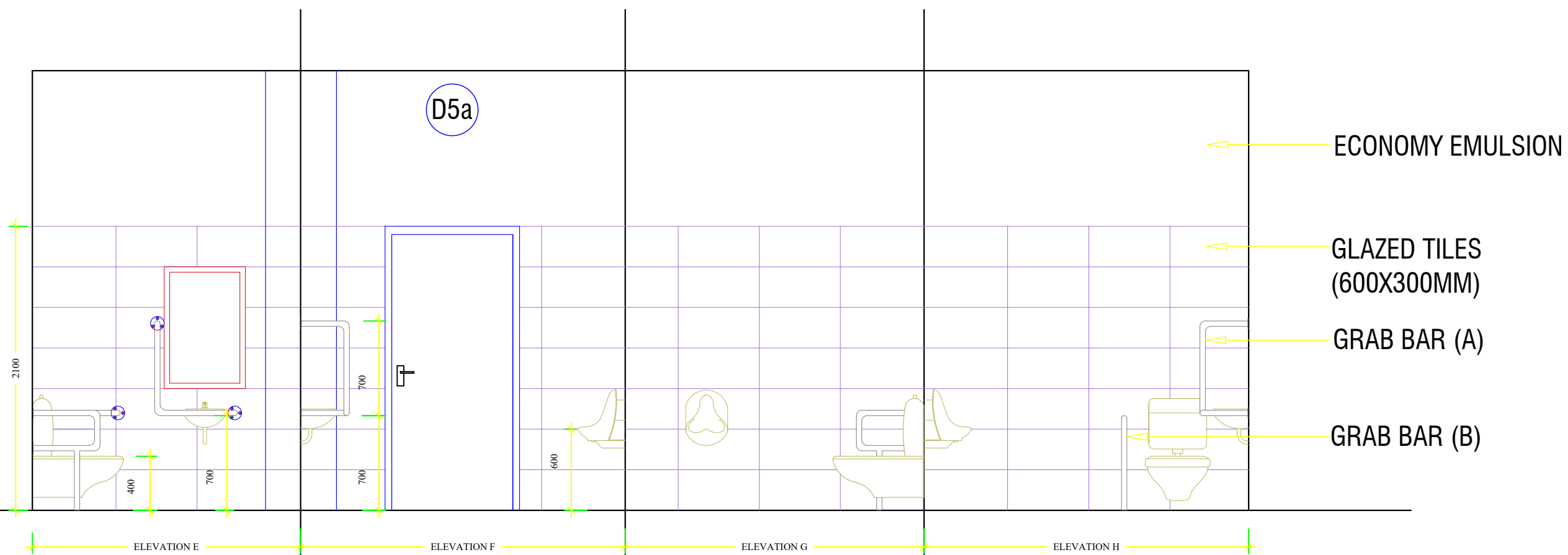
SIDE ELEVATION
SCALE : 1:5



LAYOUT OF PHYSICALLY CHALLENGED TOILET



FLOORING OF PHYSICALLY CHALLENGED TOILET



ELEVATIONS OF PHYSICALLY CHALLENGED TOILET

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 THIMPHU: BHUTAN

PROJECT:
 TITLE: FUEL RETAIL OUTLET
 LOCATION: TRI-JUNCTION, CHUKHA
 OWNER: STCBL
 PLOT ID: -
 THARM NO: -
 FLOORS: G+1 STRUCTURE

REMARKS



OWNER SIGNATURE

DESIGNED BY:
 ANIZ PRADHAN
 BA-126(P)
 CHIEF ARCHITECT
 GREEN DESIGN STUDIO

DRAWING TITLE:
 TOILET DETAILS

DATE: JULY 2020

SCALE: 1:100

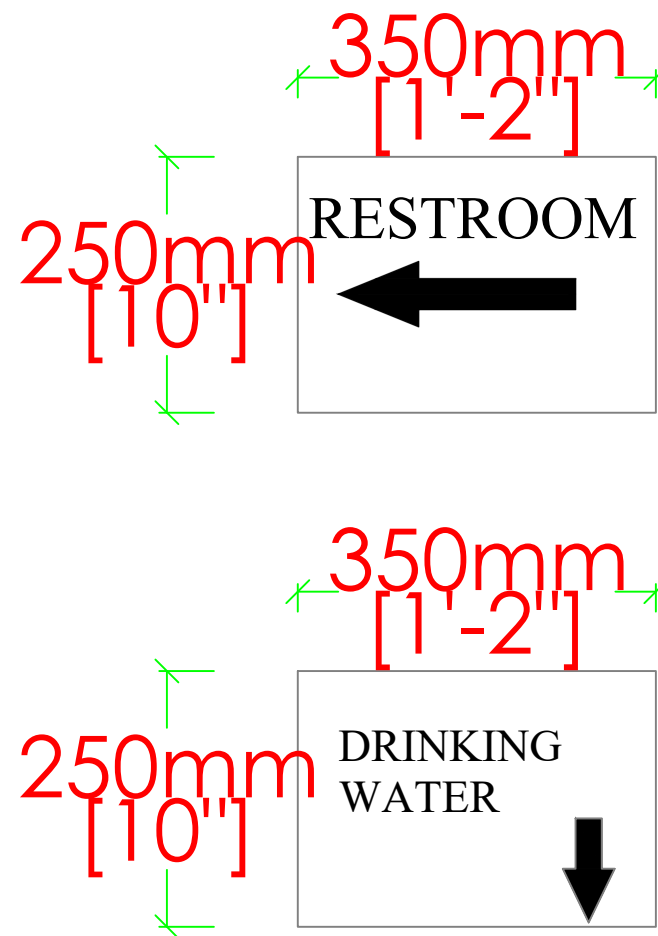
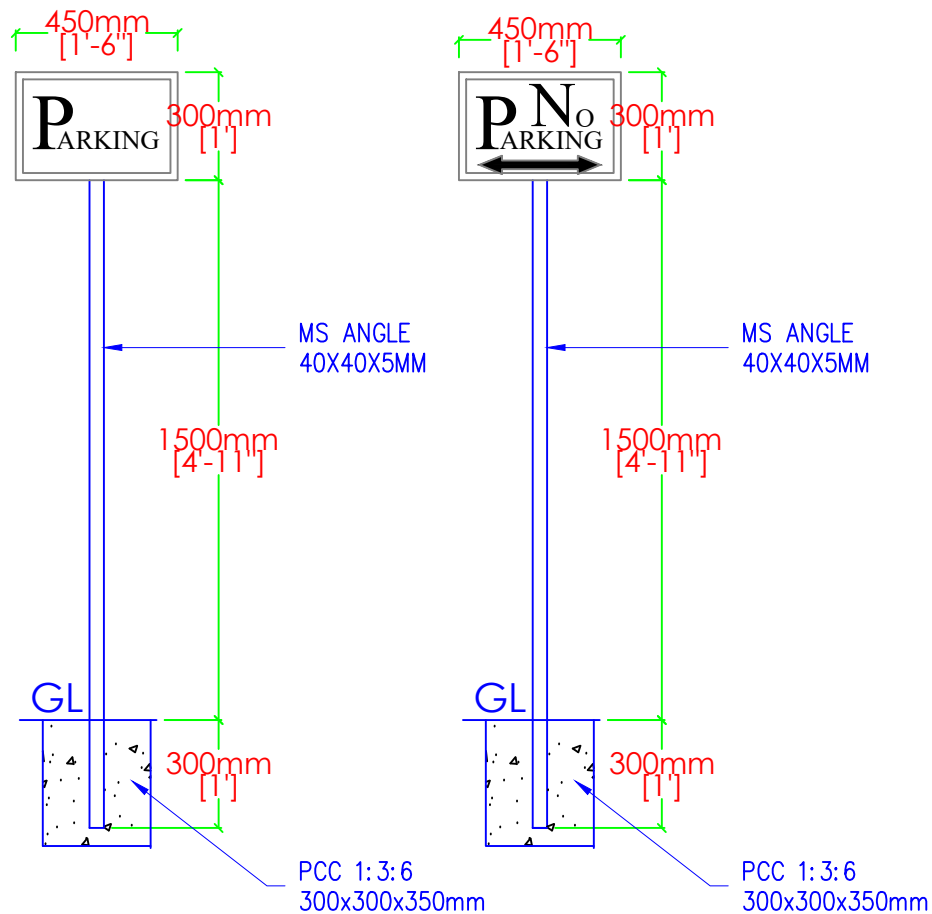
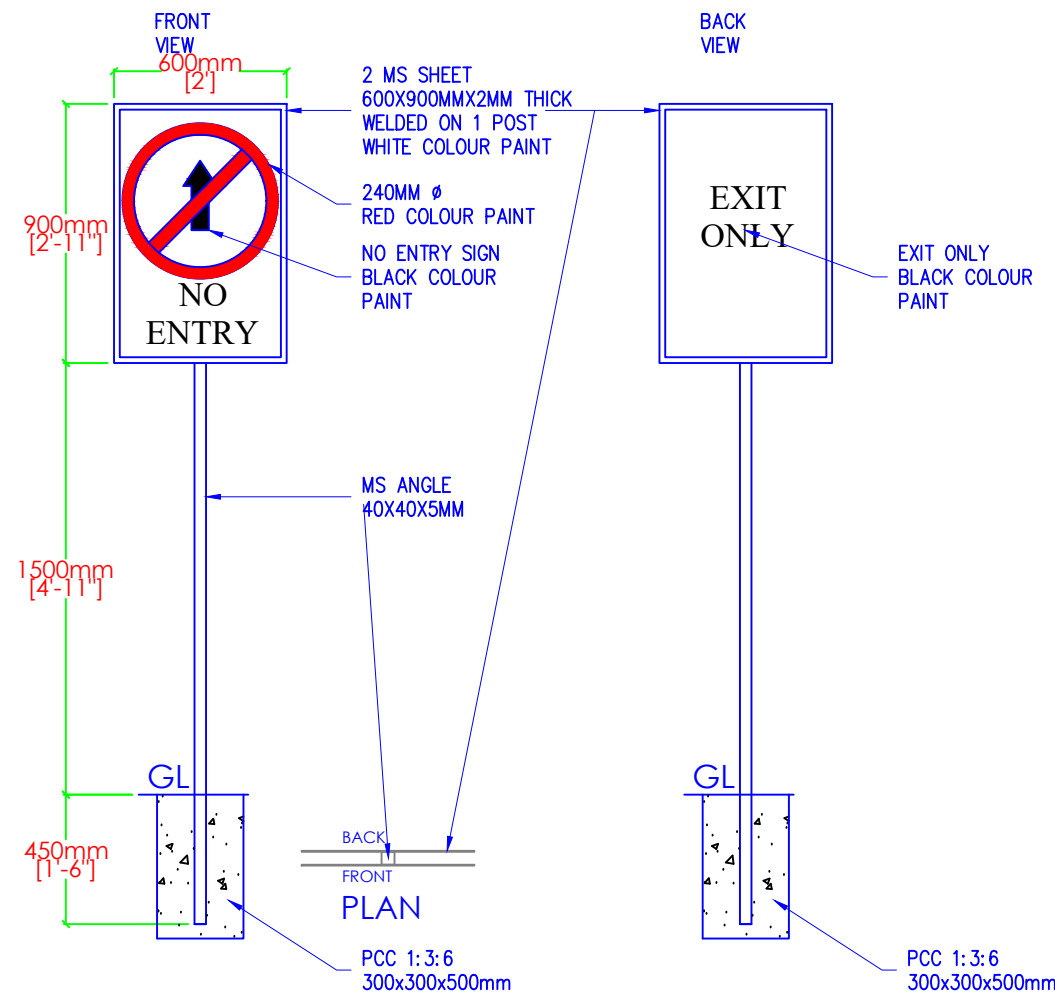
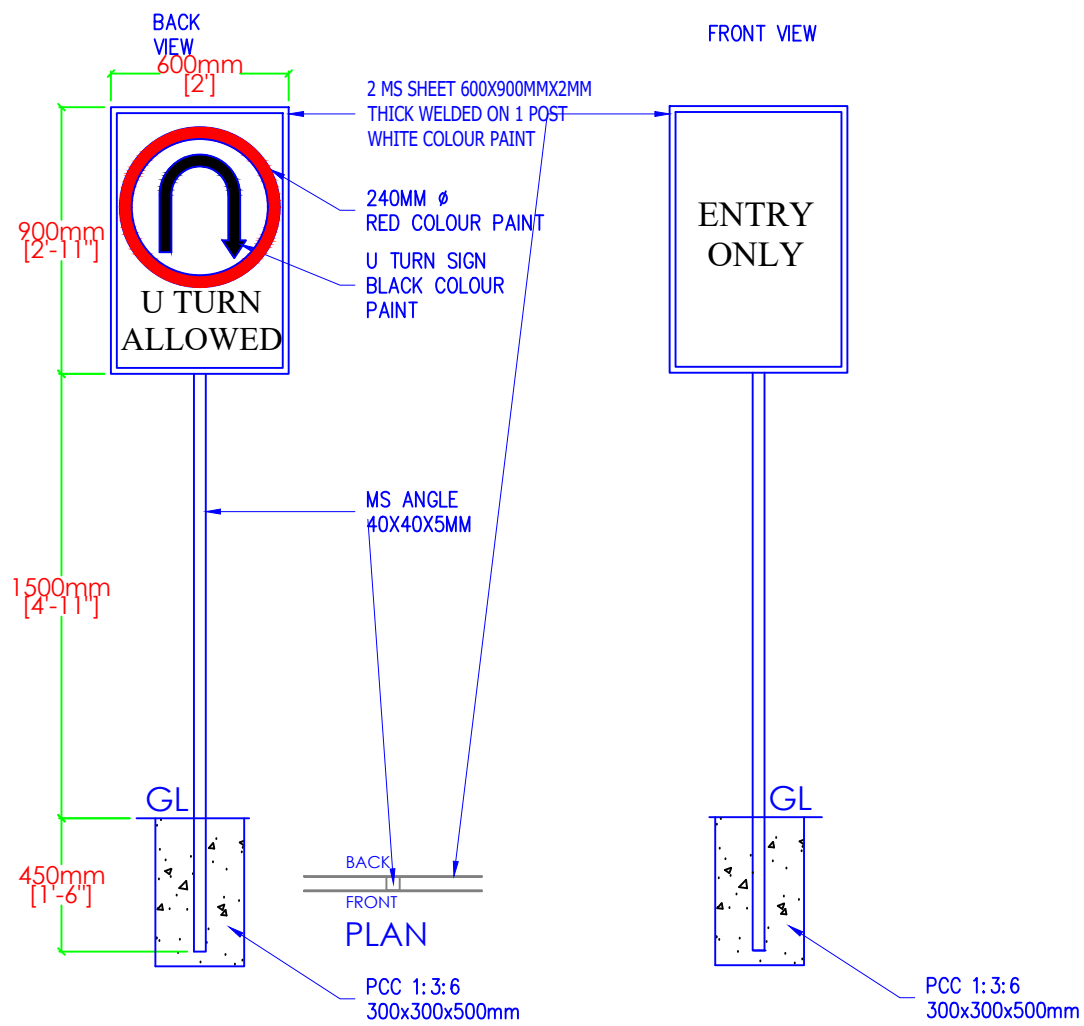
DRAWING : ARCHITECTURAL

SHEET NO : AR/29

REVISION SUFFIX	NORTH
□ □ □ □ □	

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 THIMPHU: BHUTAN

PROJECT:

TITLE: FUEL RETAIL OUTLET
 LOCATION: TRI-JUNCTION, CHUKHA
 OWNER: STCBL
 PLOT ID: -
 THARM NO: -
 FLOORS: G+1 STRUCTURE

REMARKS



OWNER SIGNATURE

DESIGNED BY:

ANIZ PRADHAN
 BA-126(P)
 CHIEF ARCHITECT
 GREEN DESIGN STUDIO

DRAWING TITLE:

SIGN POST AND SIGNAGES

DATE: JULY 2020

SCALE: 1:100

DRAWING : ARCHITECTURAL

SHEET NO : AR/30

REVISION SUFFIX

□ □ □ □ □

NORTH



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STRUCTURAL DRAWINGS FOR PROPOSED FUEL RETAIL OUTLET, G+1 STORIED SALES BUILDING AND OTHER STRUCTURES.

LOCATION: DAMCHU-CHUKHA BYPASS ROAD (TRI-JUNCTION), BJABCHHOG GEWOG, CHUKHA DZONGKHAG.

OWNER: STATE TRADING CORPORATION OF BHUTAN LTD. THIMPHU

OFFICE: FLAT NO 8,GONGDZIN LAM
ABOVE 8/11 CONVENIENT STORE
NEXT TO THIMPHU THROMDE BUILDING
THIMPHU:BHUTAN

PROJECT:

TITLE: FUEL RETAIL OUTLET
LOCATION: TRI-JUNCTION, CHUKHA
OWNER: STCBL
PLOT ID: -
THARM NO: -
FLOORS: G+1 STRUCTURE

REMARKS



OWNER SIGNATURE

DESIGNED BY:

SUGAN PRADHAN
(GENERAL MANAGER, PETROLEUM
DIVISION)
CIVIL ENGINEER
STCBL, THIMPHU

DRAWING TITLE:

STRUCTURAL DRAWING

DATE: JULY 2020

SCALE: NTS

DRAWING

SHEET NO : ST/00

REVISION SUFFIX

□ □ □ □ □

NORTH



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OFFICE: FLAT NO 8, GONGDZIN LAM
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 NEXT TO THIMPHU THROMDE BUILDING
 THIMPHU: BHUTAN

PROJECT:
 TITLE: FUEL RETAIL OUTLET
 LOCATION: TRI-JUNCTION, CHUKHA
 OWNER: STCBL
 PLOT ID: -
 THARM NO: -
 FLOORS: G+1 STRUCTURE

REMARKS



OWNER SIGNATURE

DESIGNED BY:
 SUGAN PRADHAN
 (GENERAL MANAGER, PETROLEUM
 DIVISION)
 CIVIL ENGINEER
 STCBL, THIMPHU

DRAWING TITLE:
 STRUCTURAL DRAWING
 FOOTING LAYOUT

DATE: JULY 2020

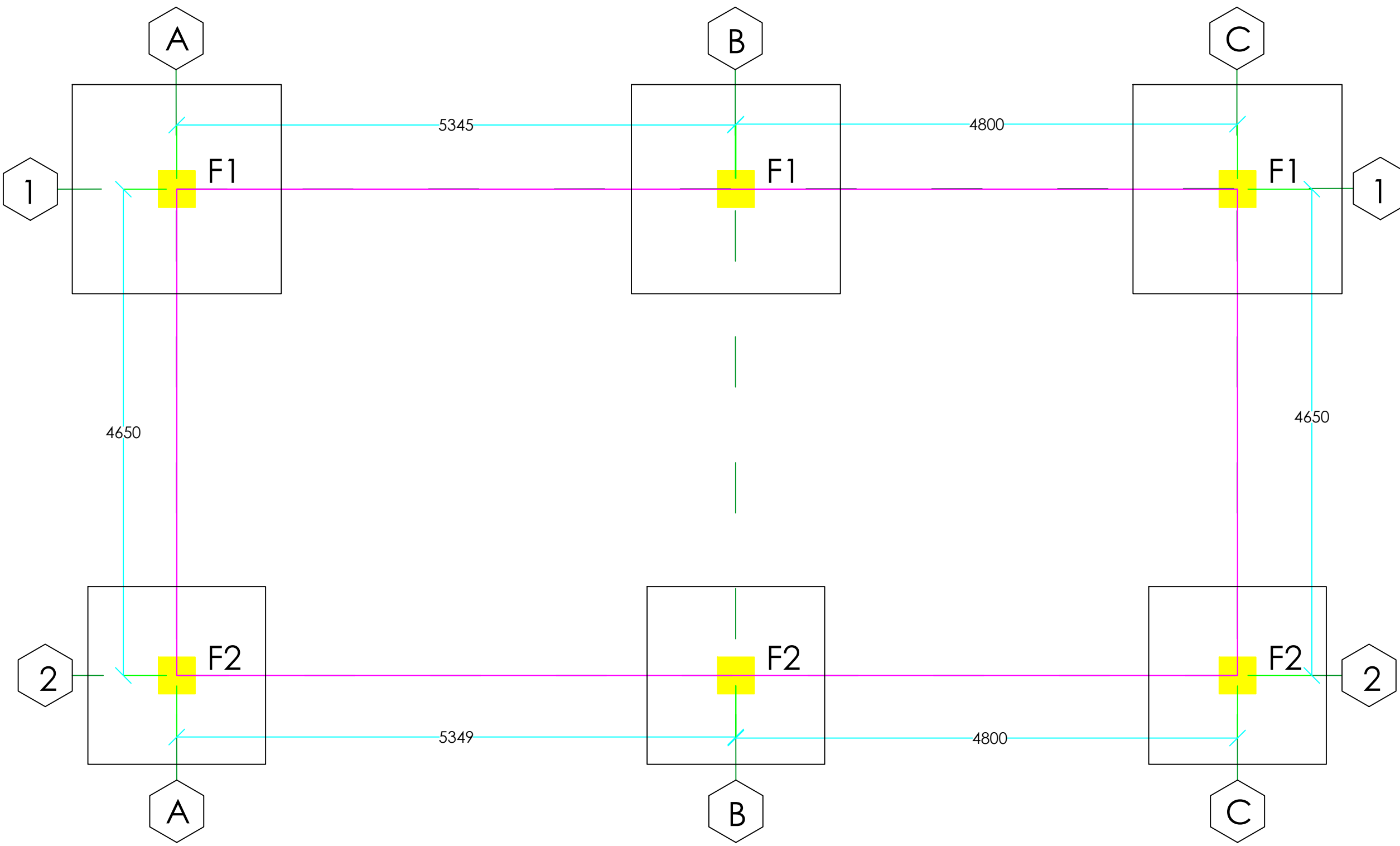
SCALE: NTS

DRAWING
 SHEET NO : ST/01

REVISION SUFFIX	NORTH
□ □ □ □ □	

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FOOTING F1 IS 750MM BELOW FOOTING F2

PROJECT:

TITLE: FUEL RETAIL OUTLET
LOCATION: TRI-JUNCTION, CHUKHA
OWNER: STCBL
PLOT ID: -
THARM NO: -
FLOORS: G+1 STRUCTURE

REMARKS



OWNER SIGNATURE

DESIGNED BY:

SUGAN PRADHAN
 (GENERAL MANAGER, PETROLEUM
 DIVISION)
 CIVIL ENGINEER
 STCBL, THIMPHU

DRAWING TITLE:

STRUCTURAL DRAWING
FOOTING DETAILS

DATE: JULY 2020

SCALE: NTS

DRAWING

SHEET NO : ST/02

REVISION SUFFIX

□ □ □ □ □

NORTH

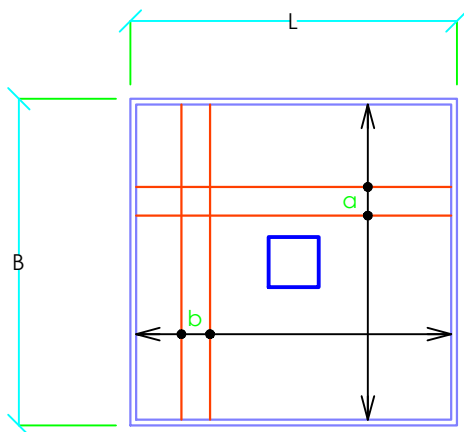


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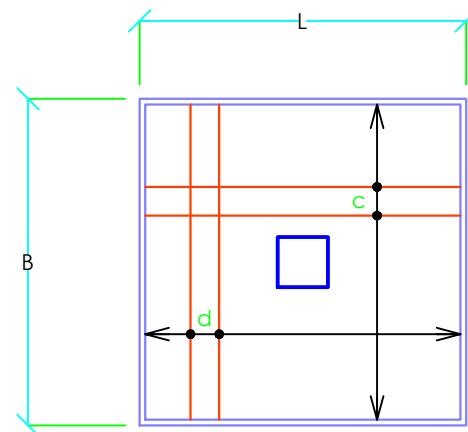
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FOOTING SCHEDULE

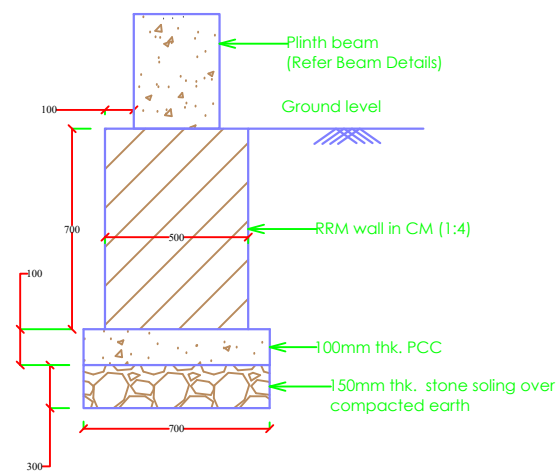
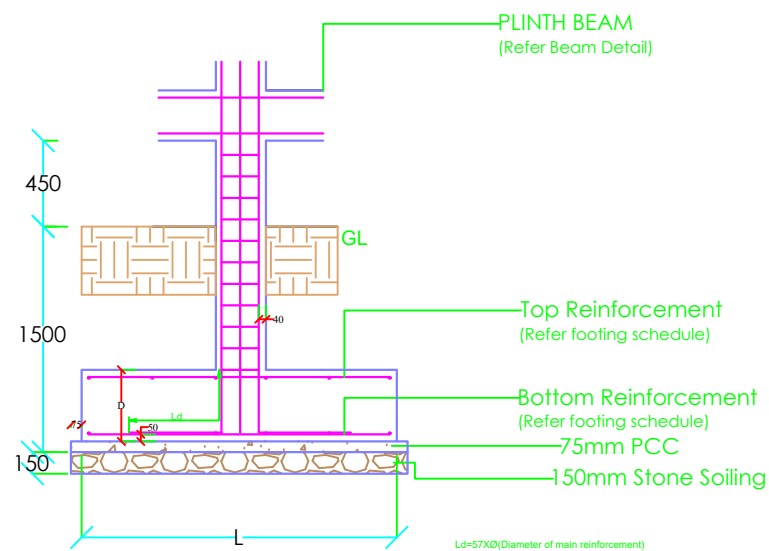
FOOTING MARK	FOOTING SIZE AND DEPTH			REINFORCEMENT			
	LENGTH	WIDTH	DEPTH	a	b	c	d
F1	2000	2000	500	12Ø @ 100 c/c	12Ø @ 100 c/c	12Ø @ 100 c/c	12Ø @ 100 c/c
F2	1700	1700	500	12Ø @ 100 c/c	12Ø @ 100 c/c	12Ø @ 100 c/c	12Ø @ 100 c/c



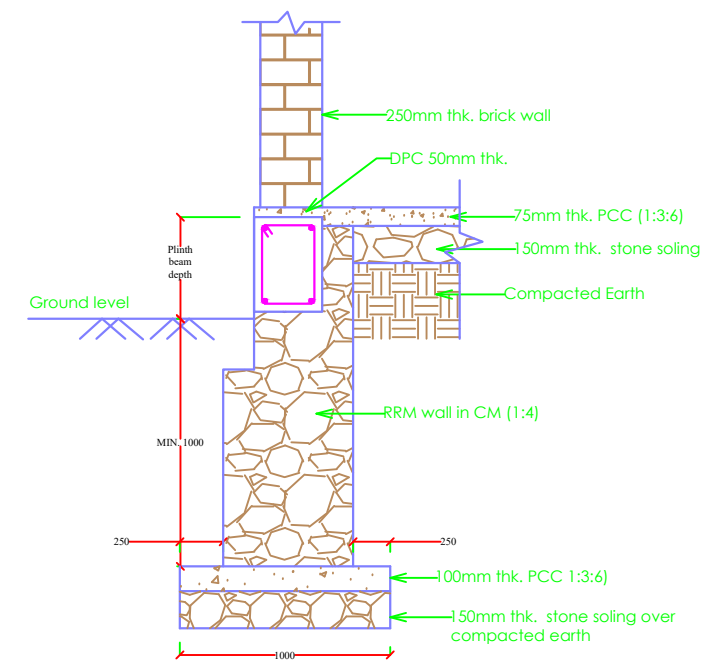
BOTTOM REINFORCEMENT



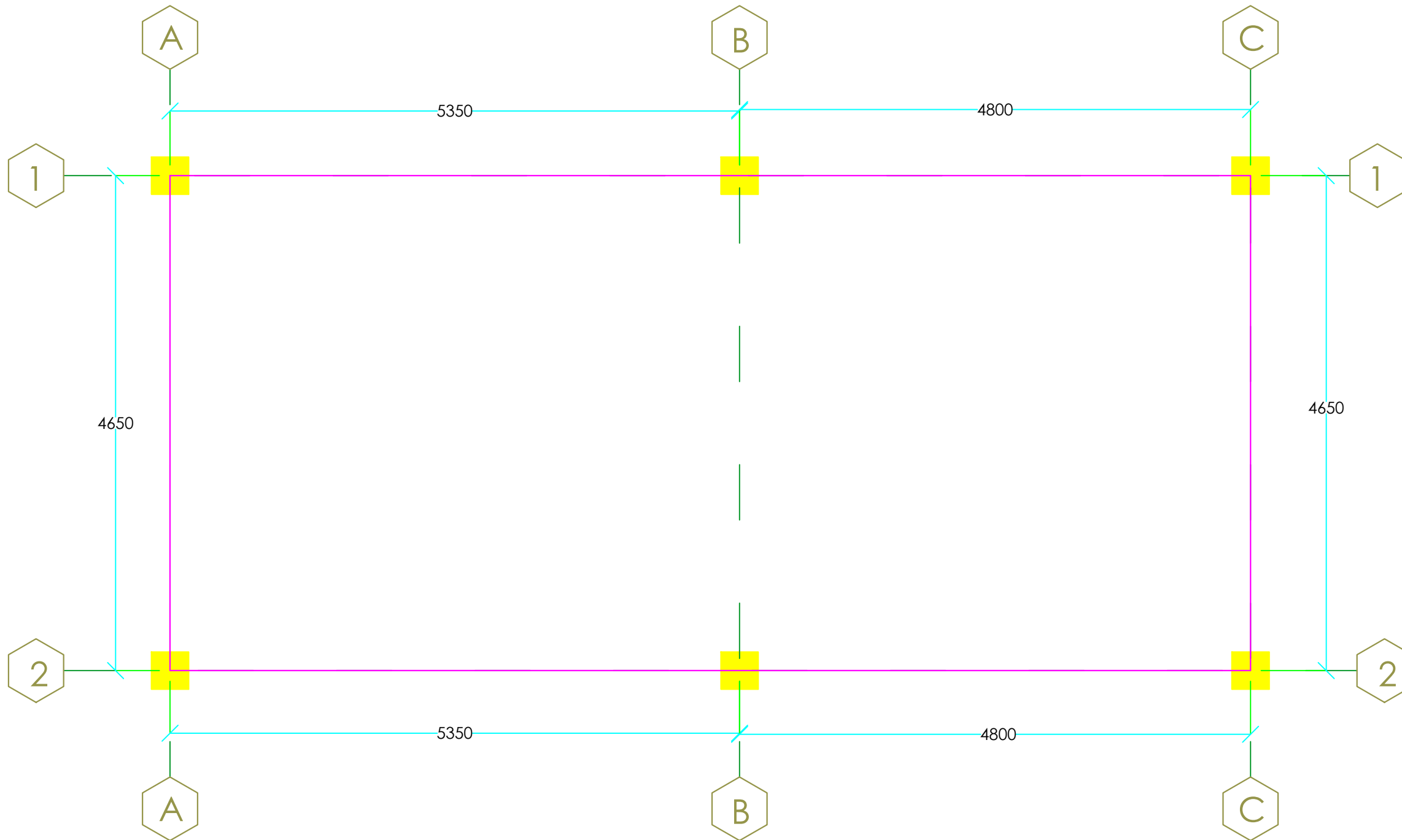
TOP REINFORCEMENT



**FOUNDATION SECTION DETAIL
 BELOW PLINTH BEAM
 (INTERNAL WALL)**



**FOUNDATION SECTION DETAIL
 BELOW PLINTH BEAM
 (EXTERNAL WALL)**



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 THIMPHU: BHUTAN

PROJECT:

TITLE: FUEL RETAIL OUTLET
 LOCATION: TRI-JUNCTION, CHUKHA
 OWNER: STCBL
 PLOT ID: -
 THARM NO: -
 FLOORS: G+1 STRUCTURE

REMARKS



OWNER SIGNATURE

DESIGNED BY:

SUGAN PRADHAN
 (GENERAL MANAGER, PETROLEUM
 DIVISION)
 CIVIL ENGINEER
 STCBL, THIMPHU

DRAWING TITLE:

STRUCTURAL DRAWING
 COLUMN LAYOUT

DATE: JULY 2020

SCALE: NTS

DRAWING

SHEET NO : ST/03

REVISION SUFFIX

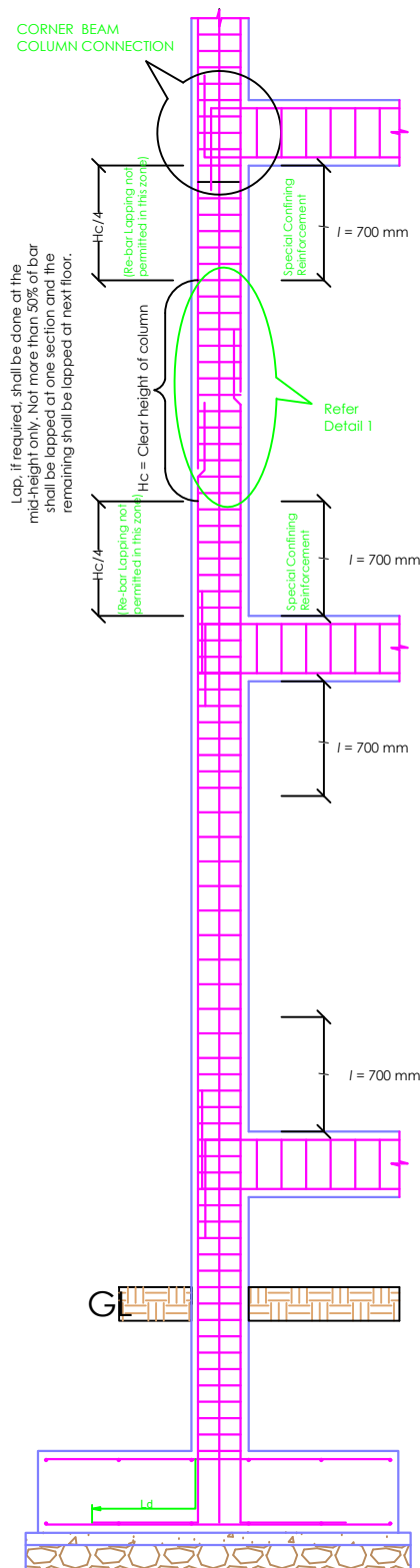
□ □ □ □ □

NORTH

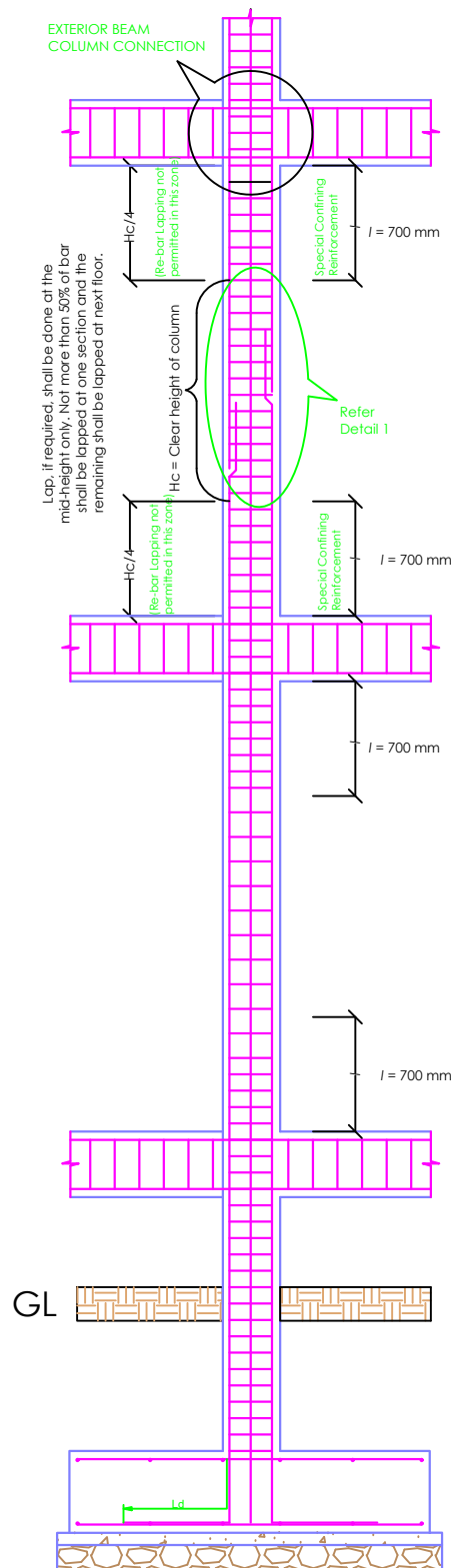


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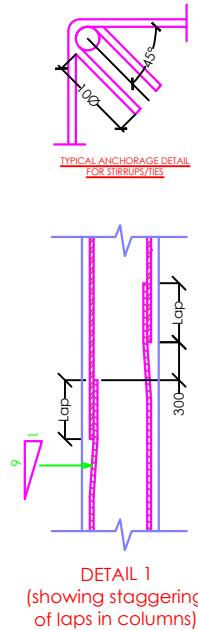
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TYPICAL SECTION EXTERIOR(showing typical arrangement of rebar and ties in columns)



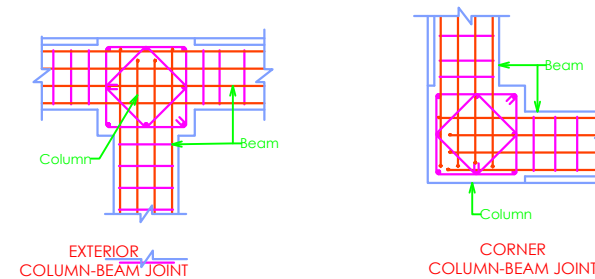
TYPICAL SECTION INTERIOR (showing typical arrangement of rebar and ties in columns)



Bar Diameter	Splice Length (mm)
10Ø	485
12Ø	583
16Ø	777
20Ø	971
25Ø	1214

COLUMN DETAILS

Column Mark	Column Mark (mm)	MAIN REINFORCEMENT		
		Foundation to Full Height	SHAPE	SPACING
C2	350 x 350	 • 8-20Ø		Within height l ST1=8Ø @ 100 c/c Remaining Height ST2=8Ø @ 150 c/c



TYPICAL COLUMN-BEAM JOINT DETAILS

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 THIMPHU:BHUTAN

PROJECT:
 TITLE: FUEL RETAIL OUTLET
 LOCATION: TRI-JUNCTION, CHUKHA
 OWNER: STCBL
 PLOT ID: -
 THARM NO: -
 FLOORS: G+1 STRUCTURE

REMARKS



OWNER SIGNATURE

DESIGNED BY:
 SUGAN PRADHAN
 (GENERAL MANAGER, PETROLEUM
 DIVISION)
 CIVIL ENGINEER
 STCBL, THIMPHU

DRAWING TITLE:

STRUCTURAL DRAWING
 COLUMN DETAILS

DATE: JULY 2020

SCALE: NTS

DRAWING

SHEET NO : ST/04

REVISION SUFFIX

□ □ □ □ □

NORTH



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REMARKS



OWNER SIGNATURE

DESIGNED BY:

SUGAN PRADHAN
(GENERAL MANAGER, PETROLEUM
DIVISION)
CIVIL ENGINEER
STCBL, THIMPHU

DRAWING TITLE:

STRUCTURAL DRAWING
BEAM

DATE: JULY 2020

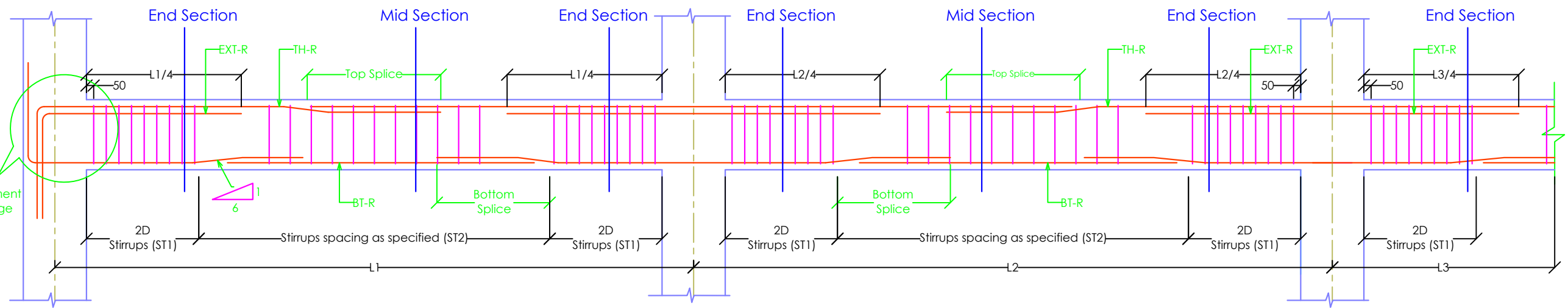
SCALE: NTS

DRAWING
SHEET NO : ST/05

REVISION SUFFIX	NORTH
□ □ □ □ □	

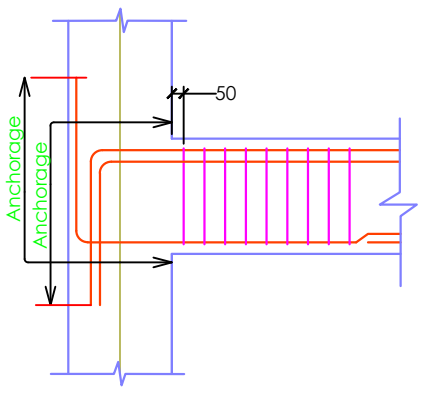
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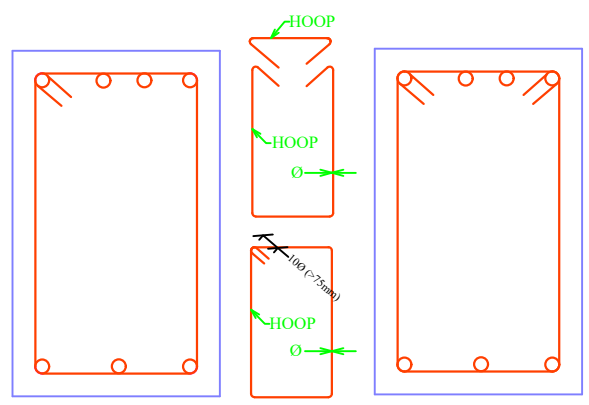
LEGEND:
EXT-R.....Extra re-bars
TH-R.....Through re-bars
BT-R.....Bottom re-bars

TYPICAL ARRANGEMENT OF RE-BARS AND SPLICE DETAILS IN BEAMS



Reinforcement Anchorage Details

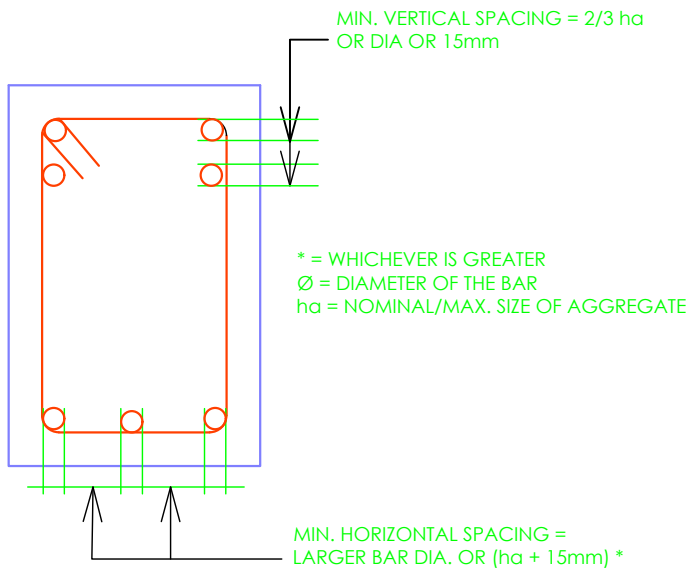
Bar Diameter	Minimum Length (mm)	
	Ld	Anchorage Length
12Ø	684	703
16Ø	912	937
20Ø	1140	1171
25Ø	1425	1464



STIRRUP/HOOP DETAILS

NOTE:

1. At junction of two different beams provide EXT-R of higher side from either of the beams
2. Lap splice for tension or bottom reinforcement shall not be provided
 - (a) within a joint
 - (b) within a distance of 2D from the joint face or
 - (c) within a quarter length of the member
3. The splicing of the compression or top reinforcement shall be near or at the mid-span of the member.
4. Not more than 50% of the re-bars shall be spliced at a section.
5. The lap length shall not be less than development length in tension.
6. Where rebar are lapped, stirrups must be provided to the full lap length at a spacing same as that provided within a distance 2D from the face column.
7. The first stirrup should be provided at the distance of 50mm (maximum) from the face of the column.



TYPICAL DETAILS FOR MINIMUM CLEARANCE BETWEEN INDIVIDUAL BARS

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OFFICE: FLAT NO 8, GONGDZIN LAM
 ABOVE 8/11 CONVENIENT STORE
 NEXT TO THIMPHU THROMDE BUILDING
 THIMPHU: BHUTAN

PROJECT:
 TITLE: FUEL RETAIL OUTLET
 LOCATION: TRI-JUNCTION, CHUKHA
 OWNER: STCBL
 PLOT ID: -
 THARM NO: -
 FLOORS: G+1 STRUCTURE

REMARKS



OWNER SIGNATURE

DESIGNED BY:
 SUGAN PRADHAN
 (GENERAL MANAGER, PETROLEUM
 DIVISION)
 CIVIL ENGINEER
 STCBL, THIMPHU
 DRAWING TITLE:

STRUCTURAL DRAWING
 PLINTH BEAM

DATE: JULY 2020

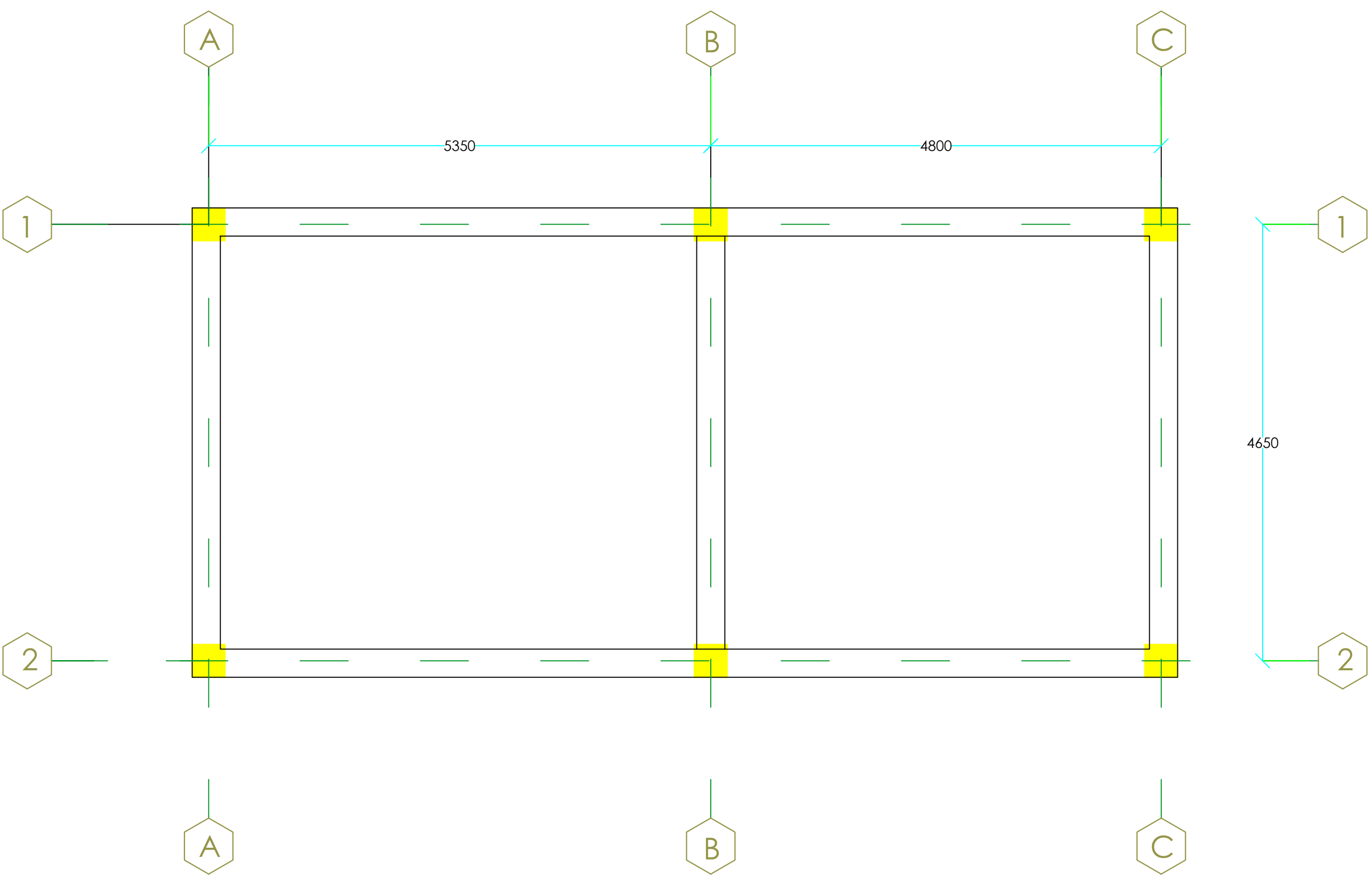
SCALE: NTS

DRAWING
 SHEET NO : ST/06

REVISION SUFFIX	NORTH
□ □ □ □ □	

GENERAL NOTE:

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PLINTH BEAM DETAILS

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 NEXT TO THIMPHU THROMDE BUILDING
 THIMPHU: BHUTAN

PROJECT:
 TITLE: FUEL RETAIL OUTLET
 LOCATION: TRI-JUNCTION, CHUKHA
 OWNER: STCBL
 PLOT ID: -
 THARM NO: -
 FLOORS: G+1 STRUCTURE

REMARKS



OWNER SIGNATURE

DESIGNED BY:
 SUGAN PRADHAN
 (GENERAL MANAGER, PETROLEUM
 DIVISION)
 CIVIL ENGINEER
 STCBL, THIMPHU

DRAWING TITLE:
 STRUCTURAL DRAWING
 PLINTH BEAM DETAILS

DATE: JULY 2020

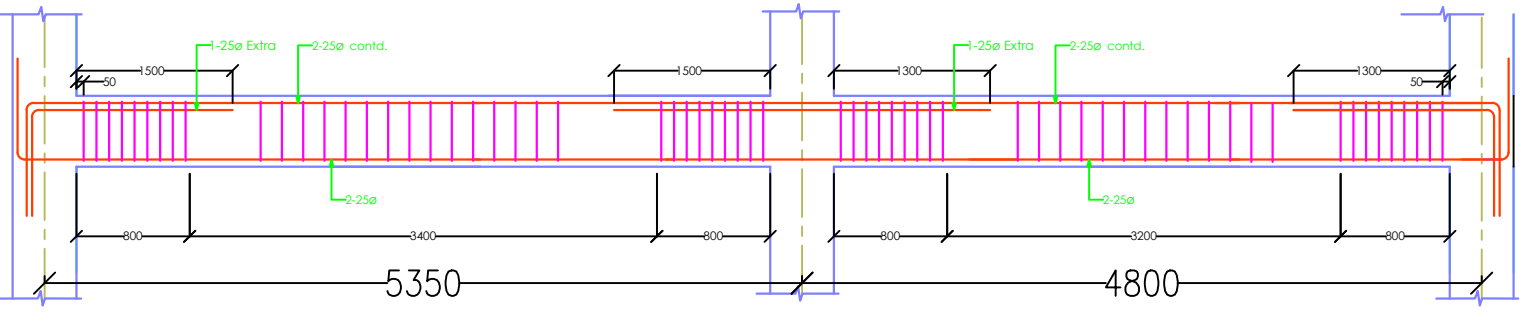
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DRAWING :
 SHEET NO : ST/07

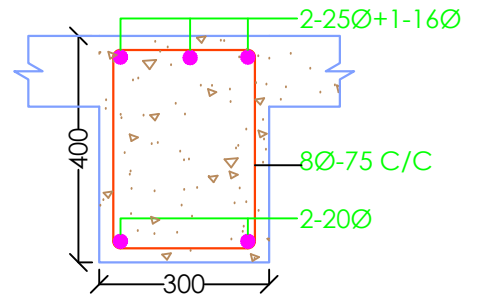
REVISION SUFFIX	NORTH
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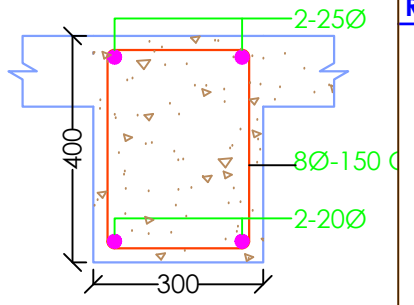
- ALL DIMENSIONS ARE IN METERS (FEETS) UNLESS SPECIFIED OTHERWISE.
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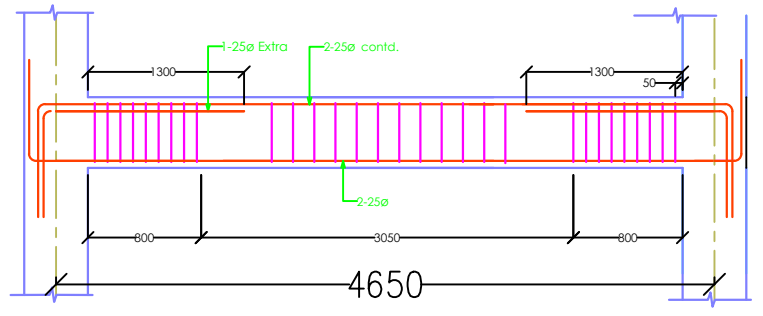
ALONG GRID 1 & 3



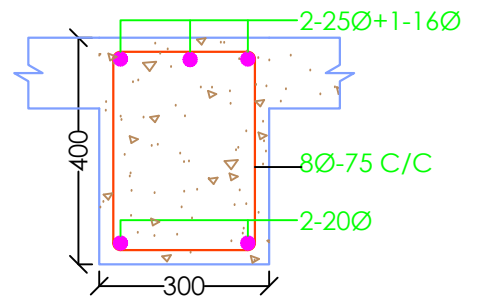
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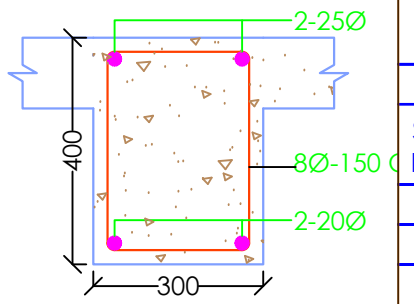
AT MID SPAN



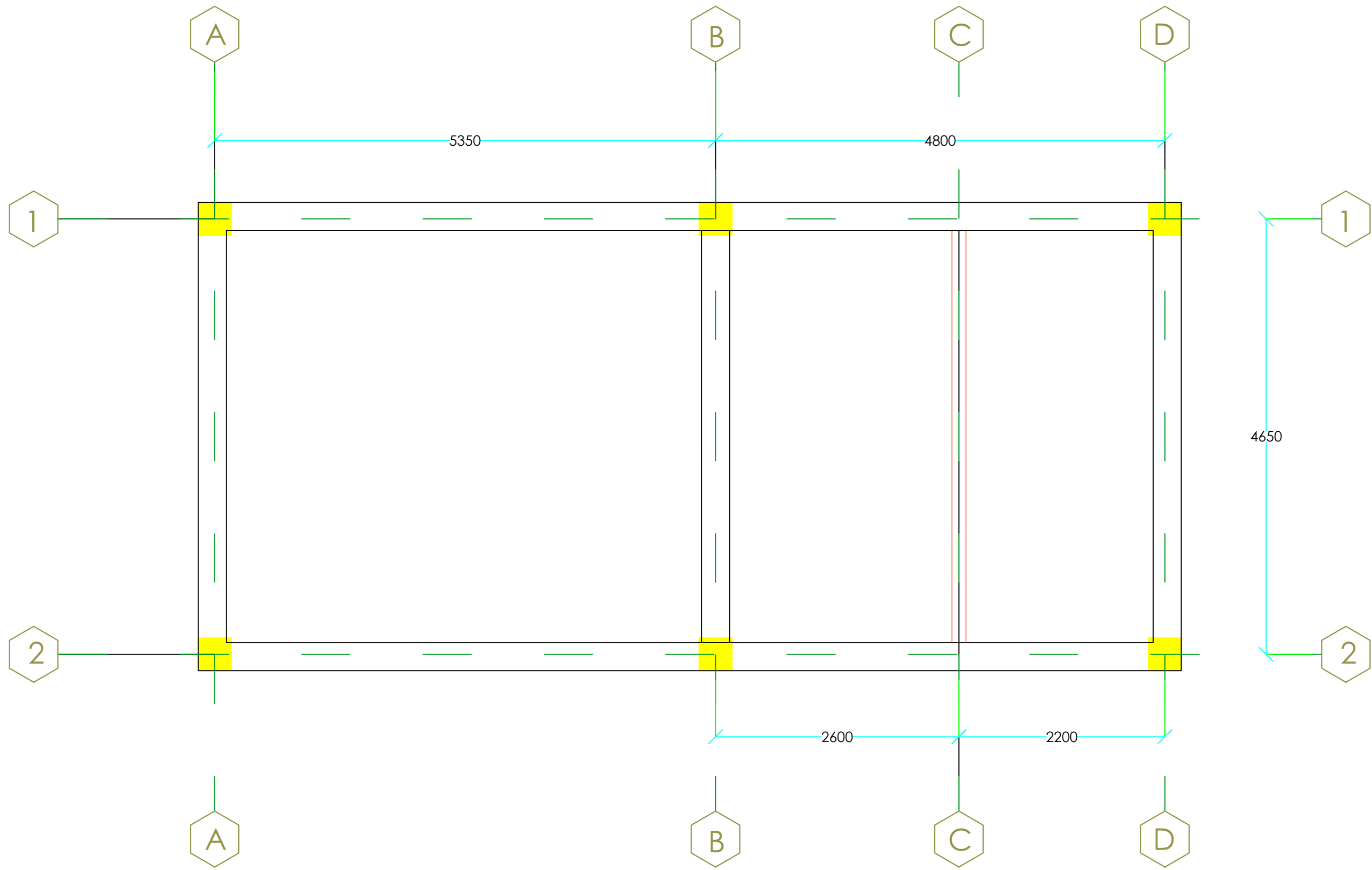
ALONG GRID A, B & D



AT END



AT MID SPAN



FIRST FLOOR BEAM DETAILS

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 THIMPHU: BHUTAN

PROJECT:
TITLE: FUEL RETAIL OUTLET
LOCATION: TRI-JUNCTION, CHUKHA
OWNER: STCBL
PLOT ID: -
THARM NO: -
FLOORS: G+1 STRUCTURE

REMARKS



OWNER SIGNATURE

DESIGNED BY:
 SUGAN PRADHAN
 (GENERAL MANAGER, PETROLEUM
 DIVISION)
 CIVIL ENGINEER
 STCBL, THIMPHU

DRAWING TITLE:
 STRUCTURAL DRAWING
 FIRST FLOOR BEAM

DATE: JULY 2020

SCALE: NTS

DRAWING SHEET NO : ST/08

REVISION SUFFIX	NORTH
□ □ □ □ □	

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 NEXT TO THIMPHU THROMDE BUILDING
 THIMPHU: BHUTAN

PROJECT:
 TITLE: FUEL RETAIL OUTLET
 LOCATION: TRI-JUNCTION, CHUKHA
 OWNER: STCBL
 PLOT ID: -
 THARM NO: -
 FLOORS: G+1 STRUCTURE

REMARKS



OWNER SIGNATURE

DESIGNED BY:
 SUGAN PRADHAN
 (GENERAL MANAGER, PETROLEUM
 DIVISION)
 CIVIL ENGINEER
 STCBL, THIMPHU

DRAWING TITLE:
 STRUCTURAL DRAWING
 BEAM DETAILS

DATE: JULY 2020

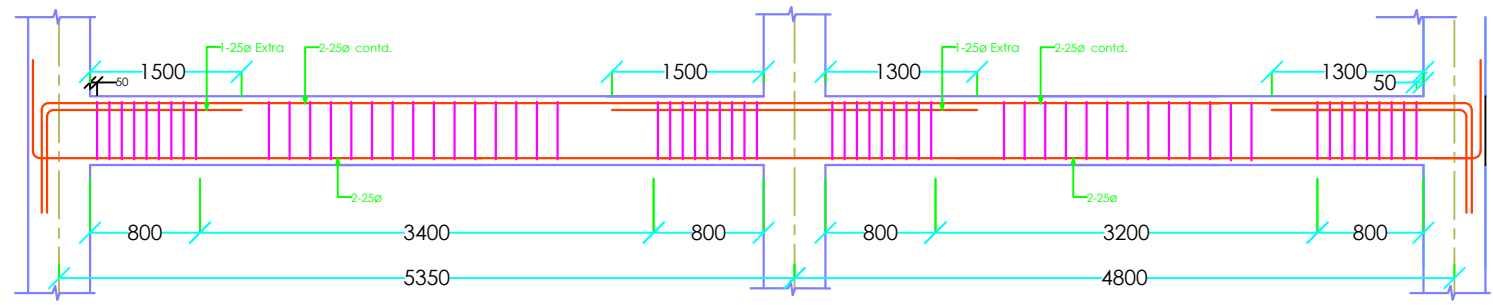
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DRAWING
 SHEET NO : ST/09

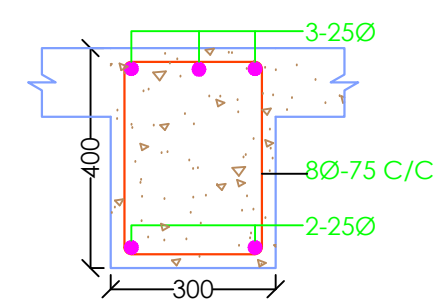
REVISION SUFFIX	NORTH
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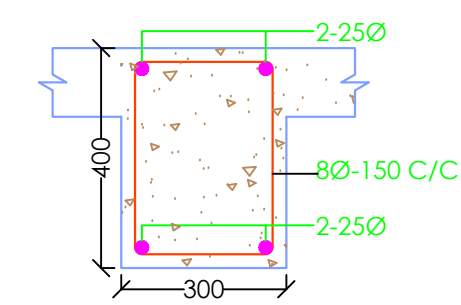
- ALL DIMENSIONS ARE IN METERS (FEET) UNLESS SPECIFIED OTHERWISE.
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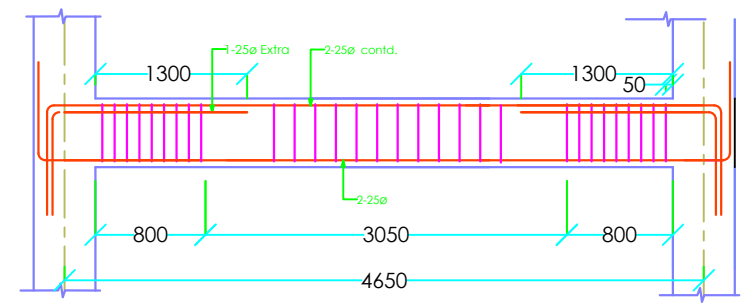
ALONG GRID 1 & 3



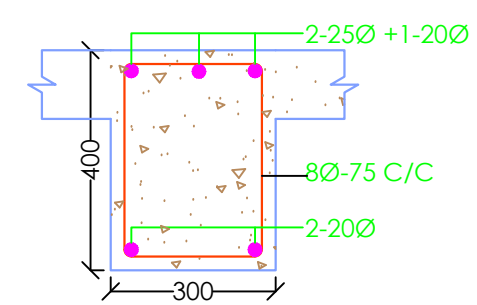
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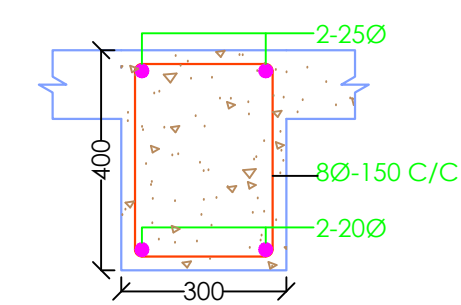
AT MID SPAN



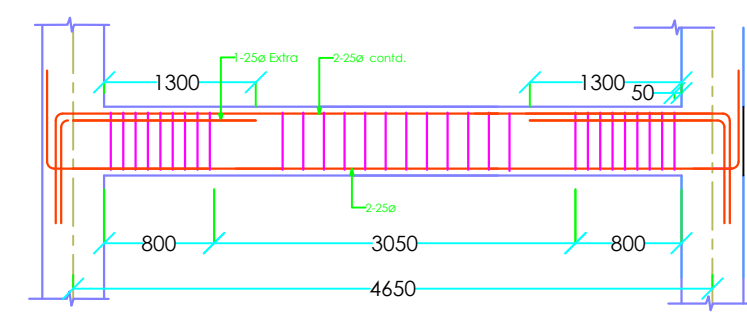
ALONG GRID A, B & D



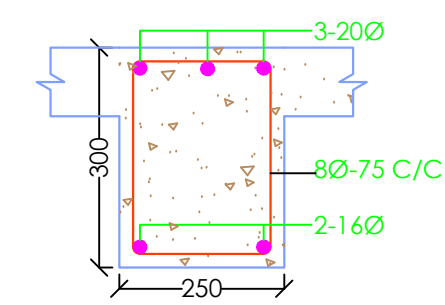
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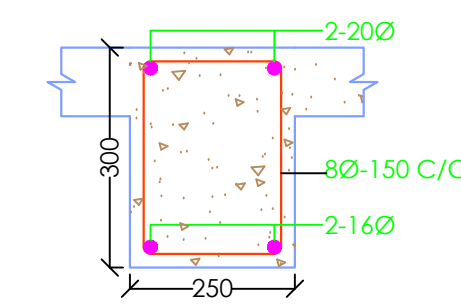
AT MID SPAN



ALONG GRID C (SECONDARY BEAM)



AT END



AT MID SPAN

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 THIMPHU: BHUTAN

PROJECT:

TITLE: FUEL RETAIL OUTLET
LOCATION: TRI-JUNCTION, CHUKHA
OWNER: STCBL
PLOT ID: -
THARM NO: -
FLOORS: G+1 STRUCTURE

REMARKS



OWNER SIGNATURE

DESIGNED BY:

SUGAN PRADHAN
 (GENERAL MANAGER, PETROLEUM
 DIVISION)
 CIVIL ENGINEER
 STCBL, THIMPHU

DRAWING TITLE:

STRUCTURAL DRAWING
 SECOND FLOOR BEAM

DATE: JULY 2020

SCALE: NTS

DRAWING

SHEET NO : ST/10

REVISION SUFFIX

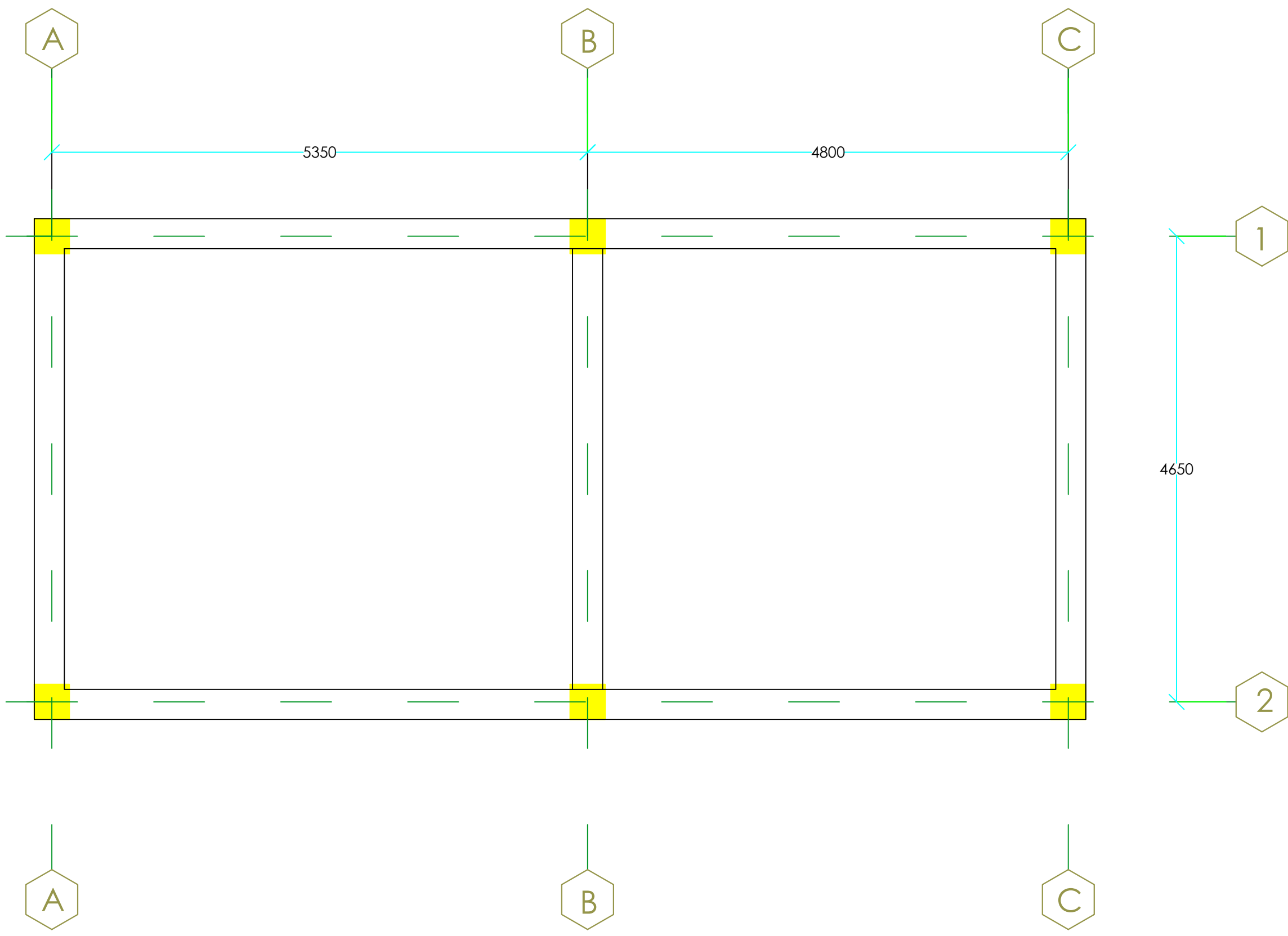
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NORTH



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SECOND FLOOR BEAM DETAIL

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 THIMPHU: BHUTAN

PROJECT:
 TITLE: FUEL RETAIL OUTLET
 LOCATION: TRI-JUNCTION, CHUKHA
 OWNER: STCBL
 PLOT ID: -
 THARM NO: -
 FLOORS: G+1 STRUCTURE

REMARKS



OWNER SIGNATURE

DESIGNED BY:
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 (GENERAL MANAGER, PETROLEUM
 DIVISION)
 CIVIL ENGINEER
 STCBL, THIMPHU
 DRAWING TITLE:

STRUCTURAL DRAWING
 BEAM DETAILS

DATE: JULY 2020

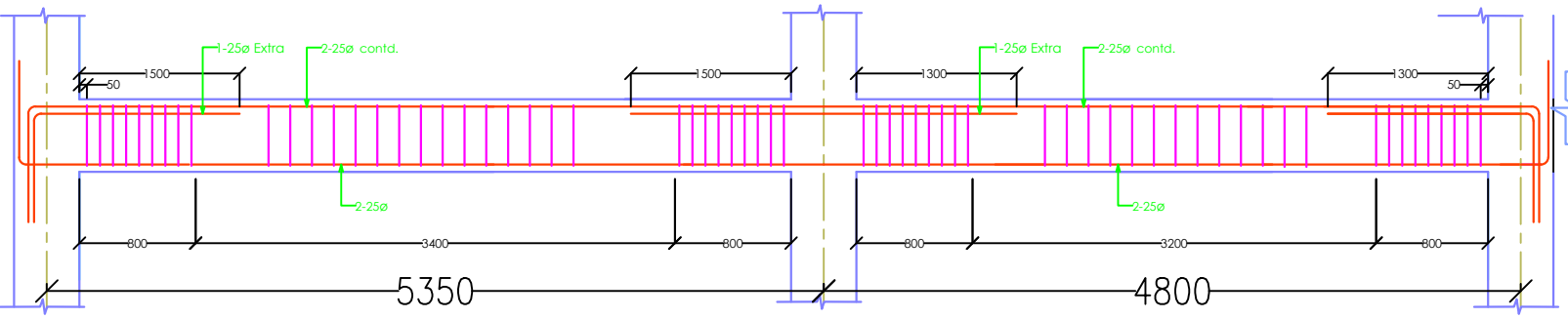
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DRAWING
 SHEET NO : ST/11

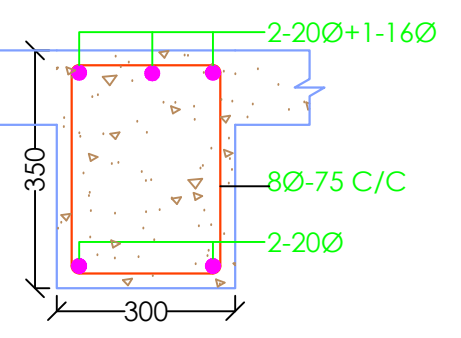
REVISION SUFFIX	NORTH
□ □ □ □ □	

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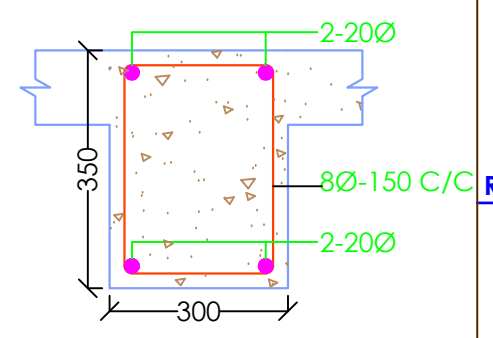
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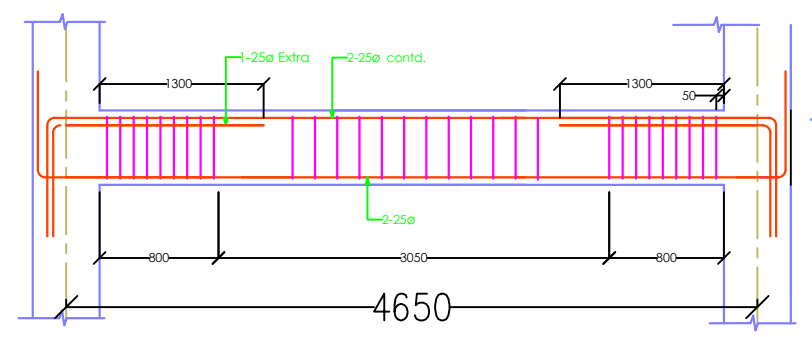
ALONG GRID 1 & 3



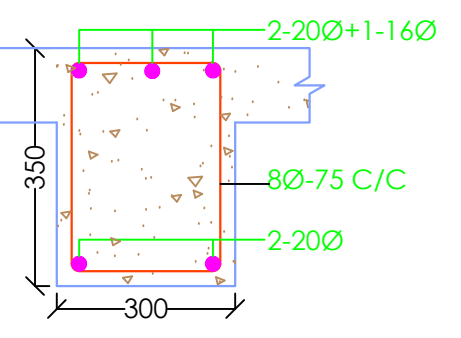
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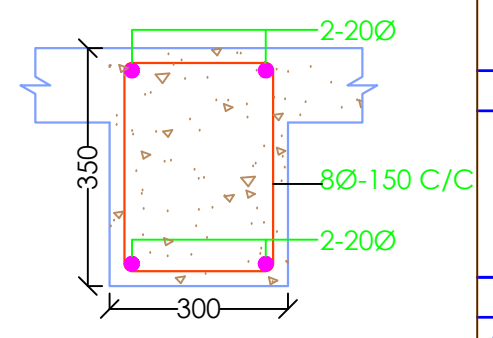
AT MID SPAN



ALONG GRID A, B & D



AT END



AT MID SPAN

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OFFICE: FLAT NO 8, GONGDZIN LAM
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 NEXT TO THIMPHU THROMDE BUILDING
 THIMPHU: BHUTAN

PROJECT:
 TITLE: FUEL RETAIL OUTLET
 LOCATION: TRI-JUNCTION, CHUKHA
 OWNER: STCBL
 PLOT ID: -
 THARM NO: -
 FLOORS: G+1 STRUCTURE

REMARKS



OWNER SIGNATURE

DESIGNED BY:
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 CIVIL ENGINEER
 STCBL, THIMPHU

DRAWING TITLE:
 STRUCTURAL DRAWING
 LINTEL BEAM

DATE: JULY 2020

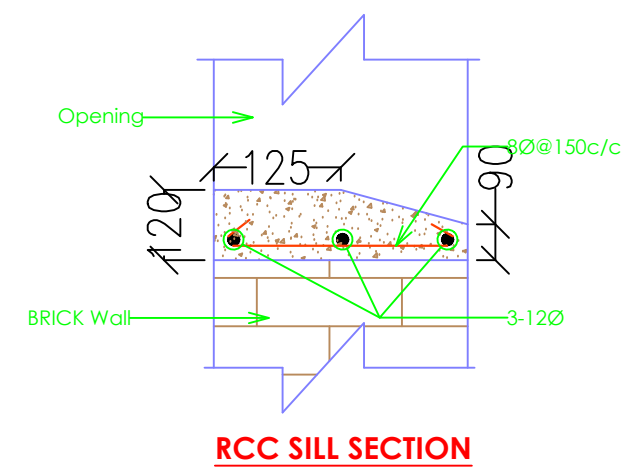
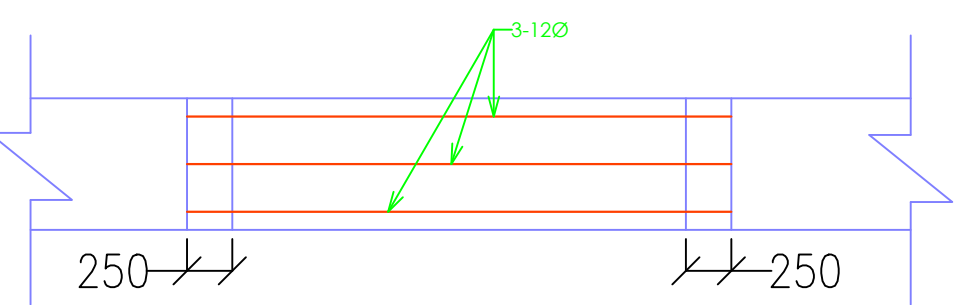
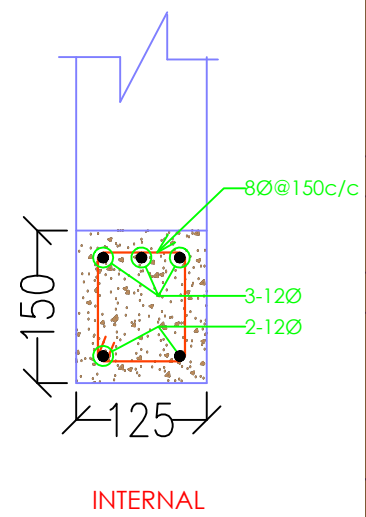
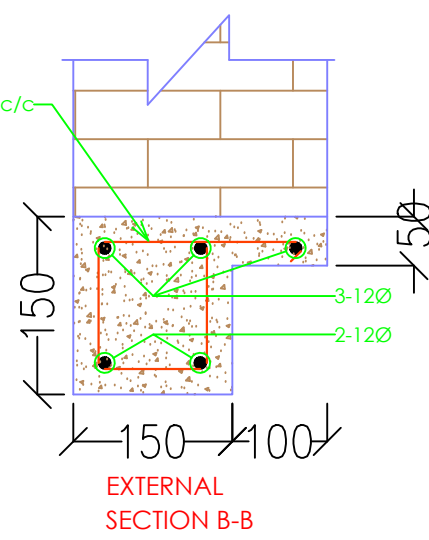
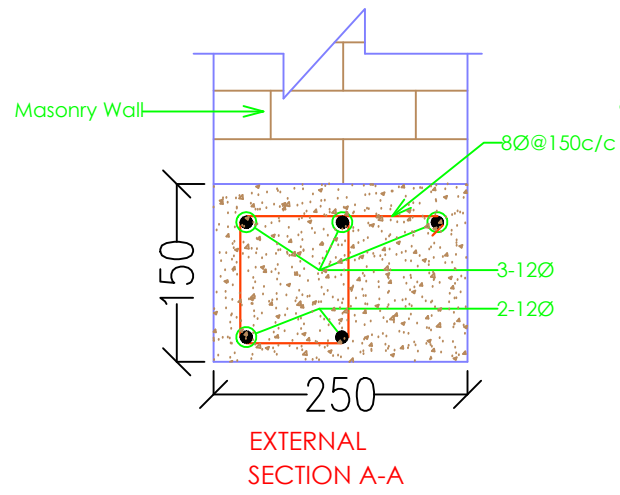
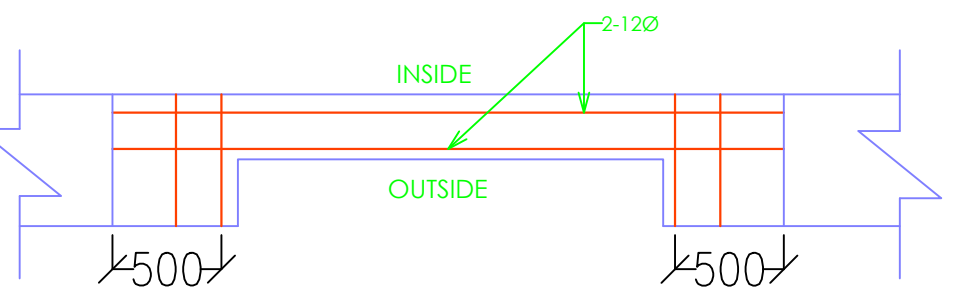
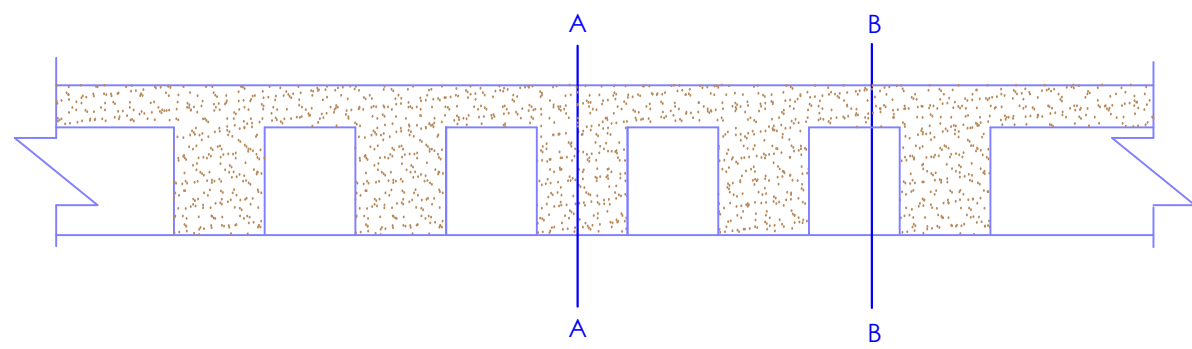
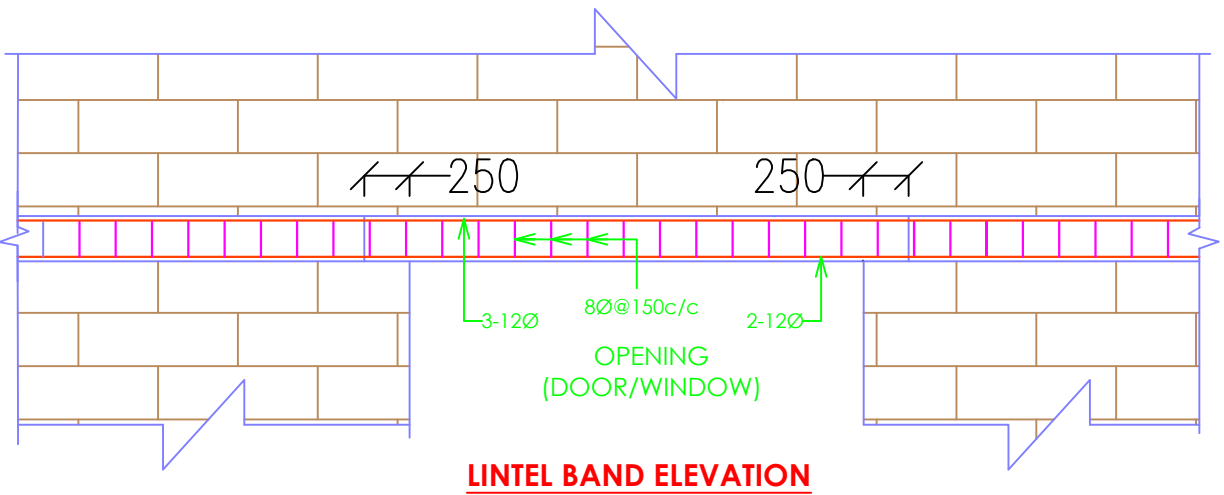
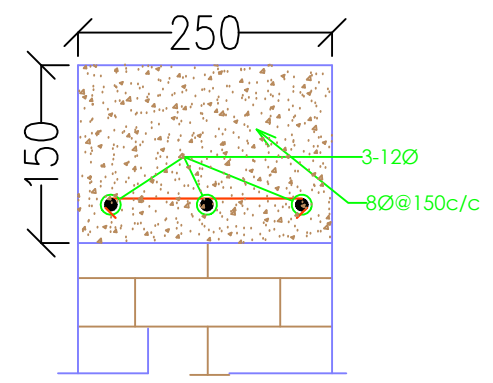
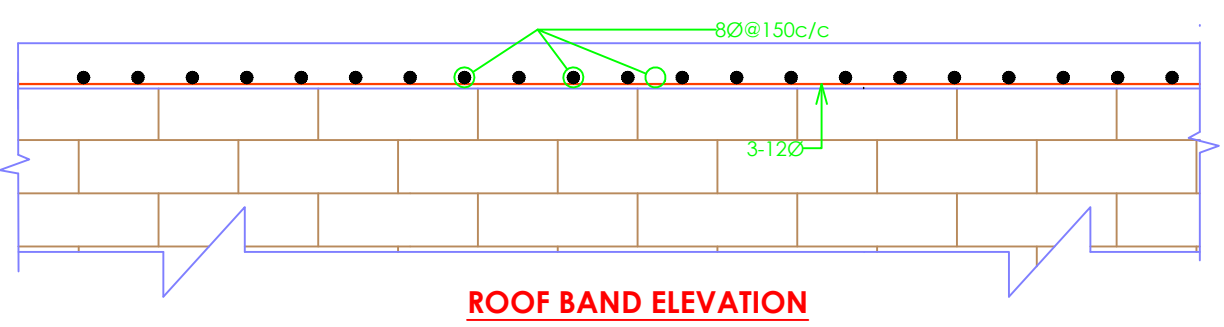
SCALE: NTS

DRAWING
 SHEET NO : ST/12

REVISION SUFFIX	NORTH
□ □ □ □ □	

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TYPICAL REINFORCEMENT LAYOUT IN LINTEL BAND OVER OPENING

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 THIMPHU: BHUTAN

PROJECT:
 TITLE: FUEL RETAIL OUTLET
 LOCATION: TRI-JUNCTION, CHUKHA
 OWNER: STCBL
 PLOT ID: -
 THARM NO: -
 FLOORS: G+1 STRUCTURE

REMARKS



OWNER SIGNATURE

DESIGNED BY:
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 (GENERAL MANAGER, PETROLEUM
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 CIVIL ENGINEER
 STCBL, THIMPHU

DRAWING TITLE:

STRUCTURAL DRAWING
 LANDING BEAM

DATE: JULY 2020

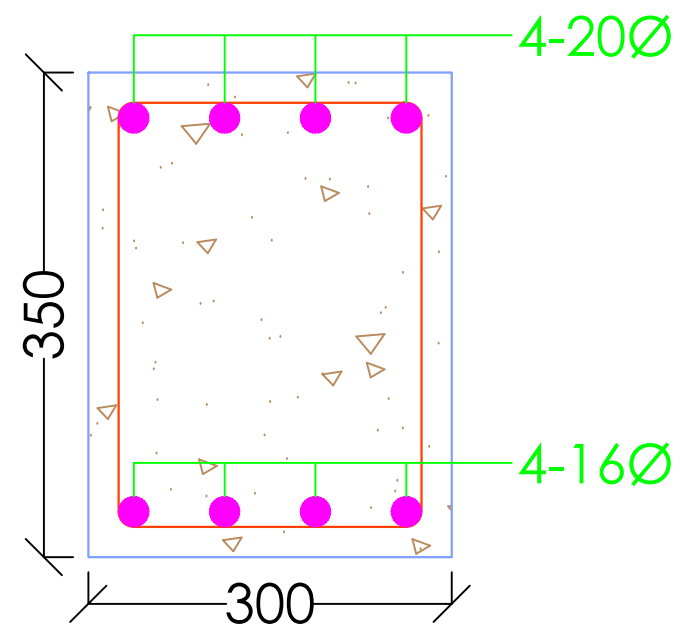
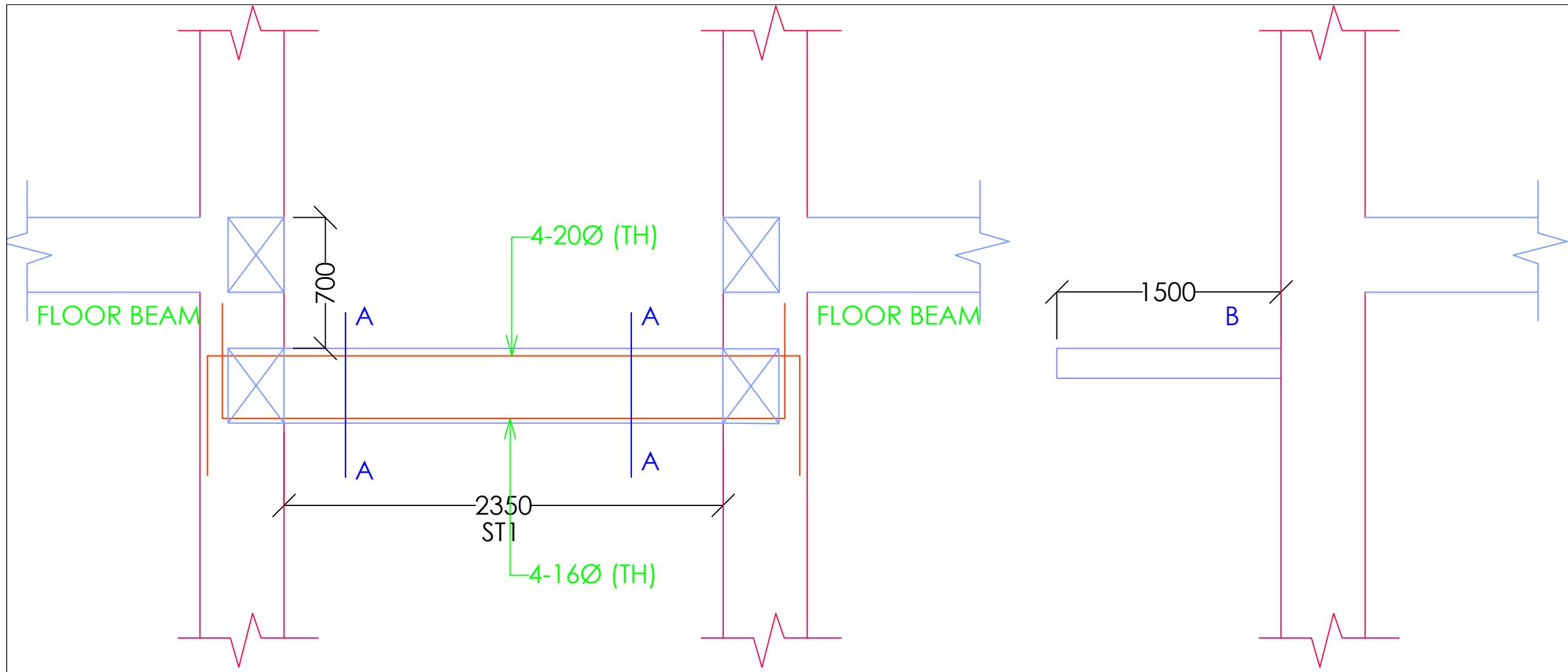
SCALE: NTS

DRAWING
 SHEET NO : ST/13

REVISION SUFFIX	NORTH
□ □ □ □ □	

GENERAL NOTE:

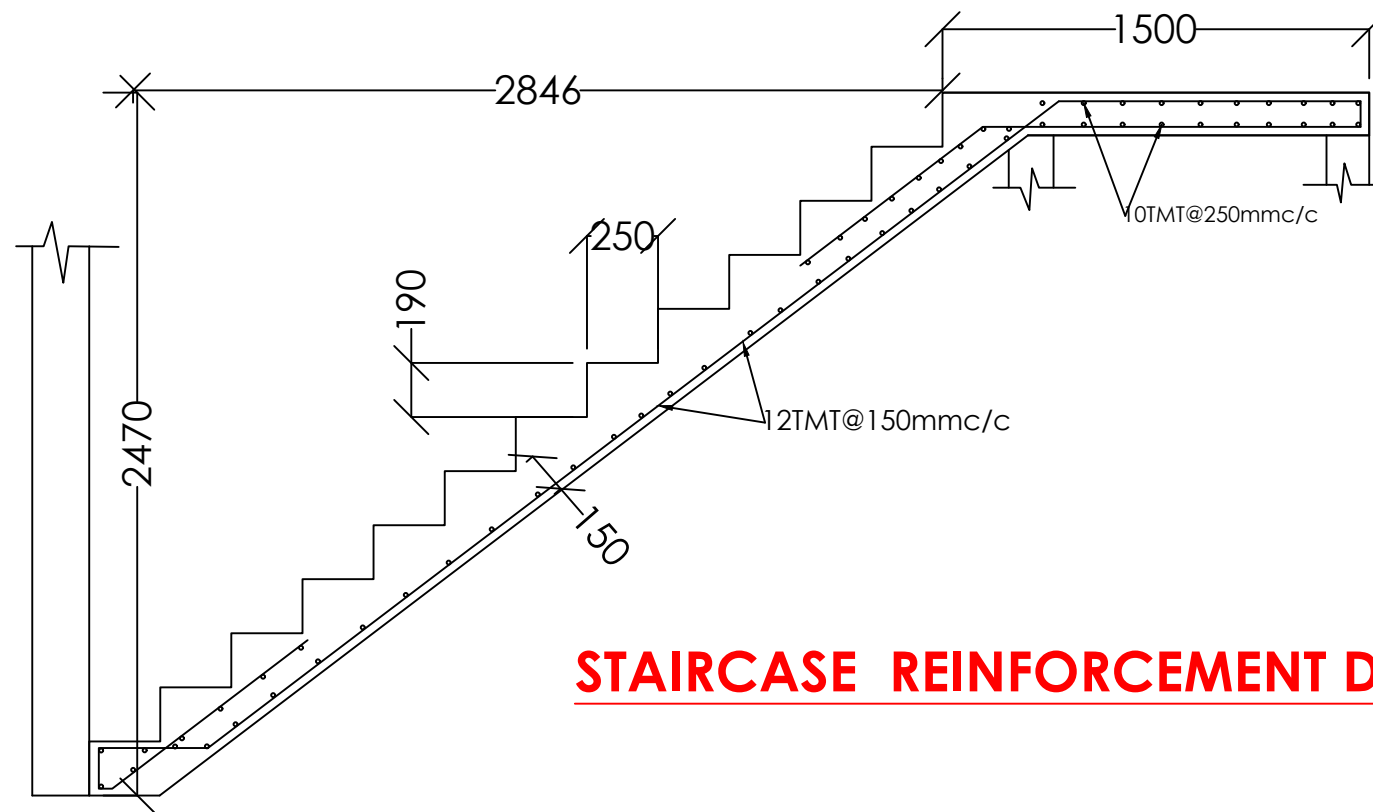
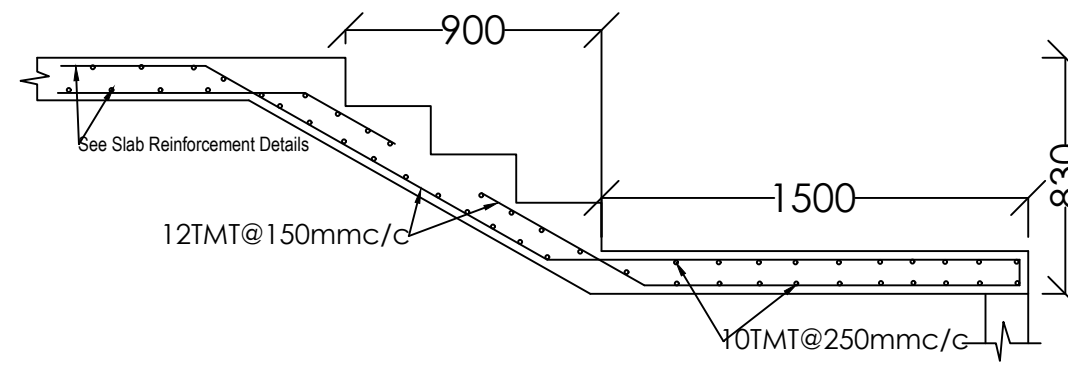
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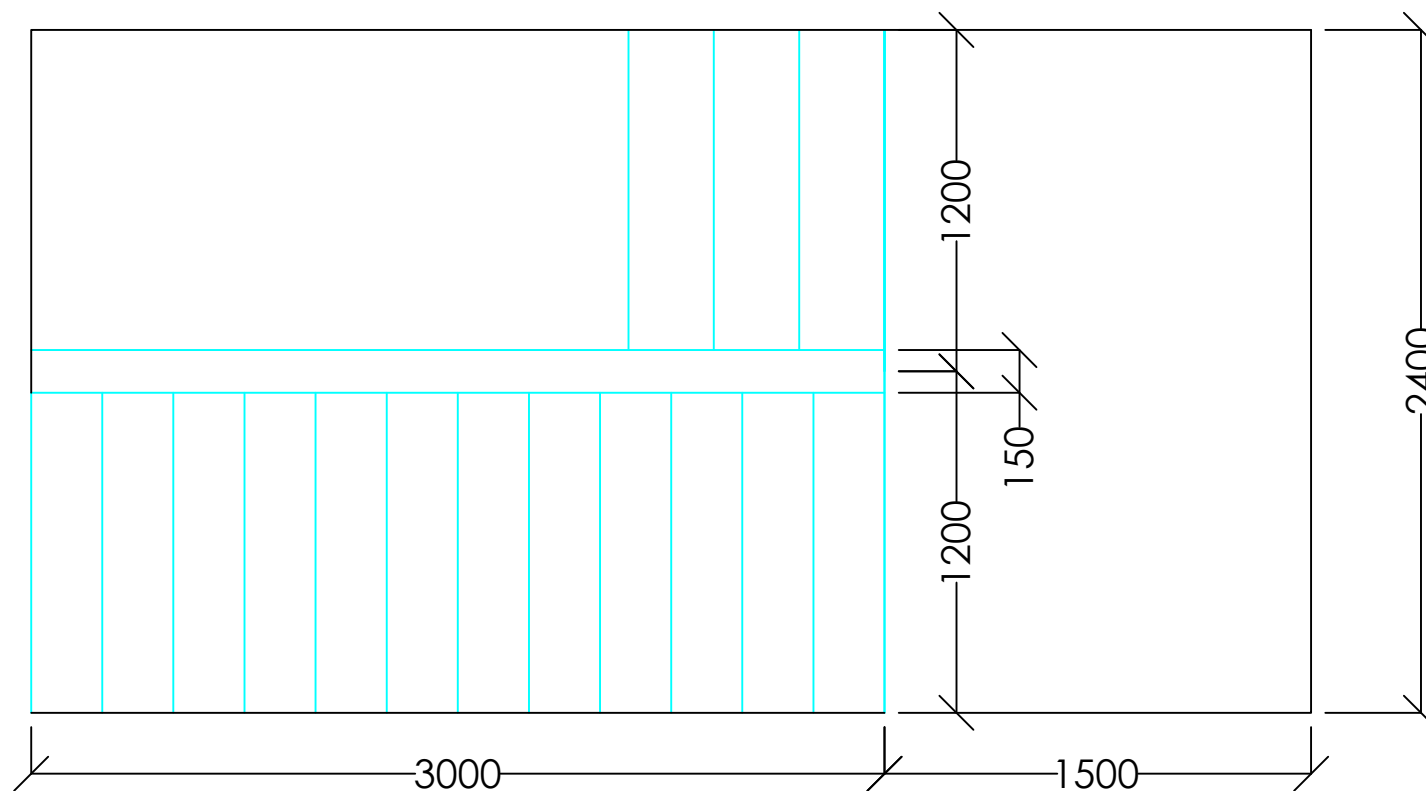
SECTION A-A

ST1	8Ø @ 100c/c
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STAIRCASE LANDING BEAM REINFORCEMENT DETAILS



STAIRCASE REINFORCEMENT DETAILS



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 THIMPHU: BHUTAN

PROJECT:

TITLE: FUEL RETAIL OUTLET
 LOCATION: TRI-JUNCTION, CHUKHA
 OWNER: STCBL
 PLOT ID: -
 THARM NO: -
 FLOORS: G+1 STRUCTURE

REMARKS



OWNER SIGNATURE

DESIGNED BY:

SUGAN PRADHAN
 (GENERAL MANAGER, PETROLEUM
 DIVISION)
 CIVIL ENGINEER
 STCBL, THIMPHU

DRAWING TITLE:

STRUCTURAL DRAWING
 STAIRCASE

DATE: JULY 2020

SCALE: NTS

DRAWING

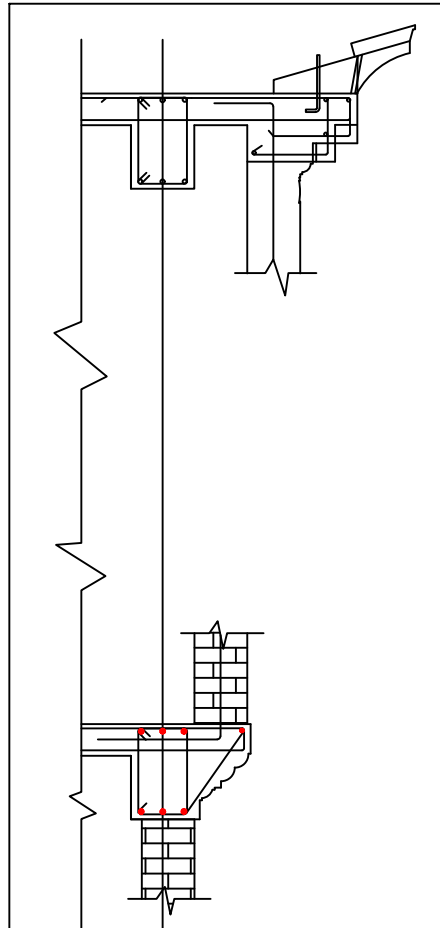
SHEET NO : ST/14

REVISION SUFFIX	NORTH
□ □ □ □ □	

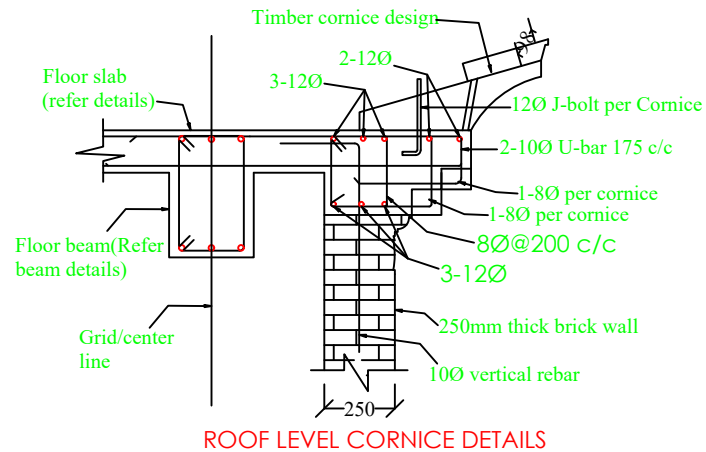
GENERAL NOTE:

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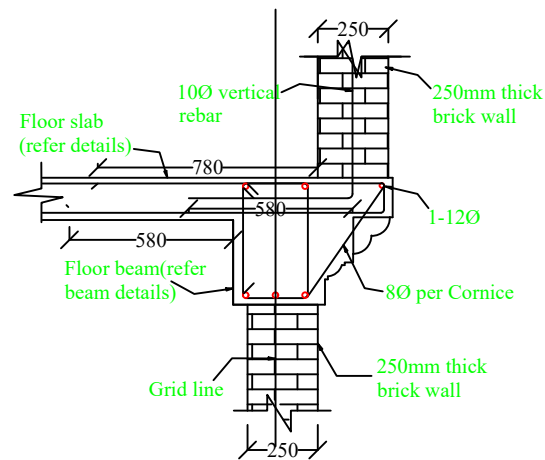
CORNICES



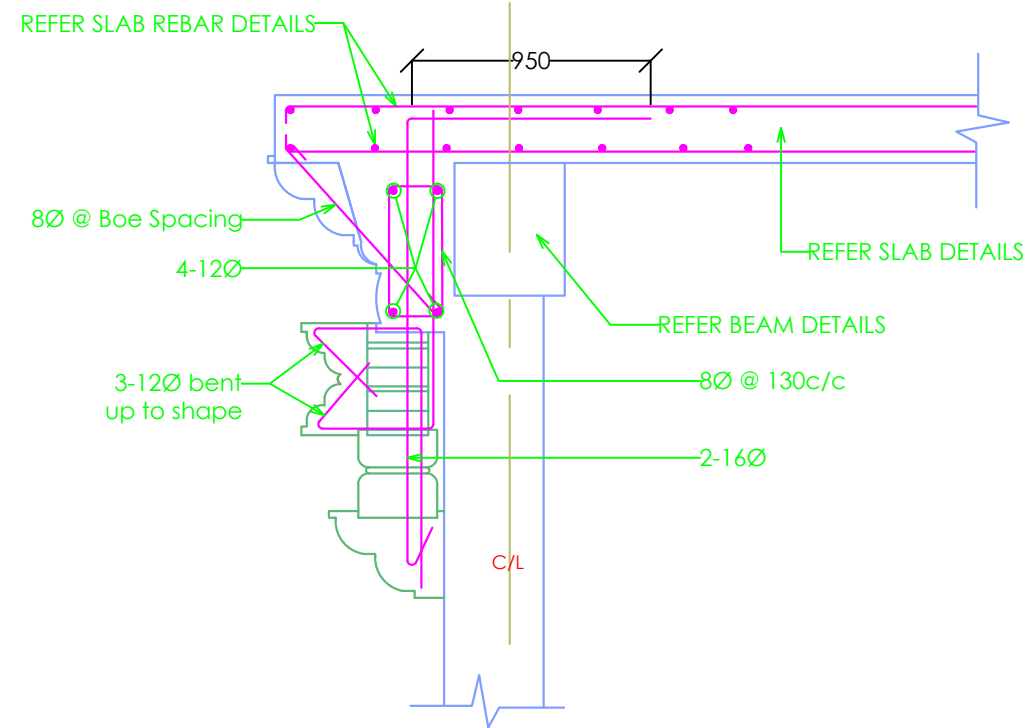
RC CORNICE DETAILS AT VARIOUS FLOOR LEVEL



ROOF LEVEL CORNICE DETAILS



FIRST FLOOR LEVEL CORNICE DETAILS



RE-BAR DETAILS OF DRE ZHU

Notes:

1. Slab rebars shall be extended wherever necessary for the slab projections & cornice (refer slab details drawings)
2. The cornice reinforcements provided are excluding the slab reinforcement already provided
3. Cornice patterns/shapes and dimensions shall be as per the architectural drawing details (Refer architectural drawings)
4. Refer architectural drawings for the location of different types cornices at various floor levels.

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ABOVE 8/11 CONVENIENT STORE
NEXT TO THIMPHU THROMDE BUILDING
THIMPHU: BHUTAN

PROJECT:

TITLE: FUEL RETAIL OUTLET
LOCATION: TRI-JUNCTION, CHUKHA
OWNER: STCBL
PLOT ID: -
THARM NO: -
FLOORS: G+1 STRUCTURE

REMARKS



OWNER SIGNATURE

DESIGNED BY:

SUGAN PRADHAN
(GENERAL MANAGER, PETROLEUM
DIVISION)
CIVIL ENGINEER
STCBL, THIMPHU

DRAWING TITLE:

STRUCTURAL DRAWING
CORNICES

DATE: JULY 2020

SCALE: NTS

DRAWING

SHEET NO : ST/15

REVISION SUFFIX

□ □ □ □ □

NORTH



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 gdsbhutan@gmail.com
 +975 17631322/77845668

OFFICE: FLAT NO 8, GONGDZIN LAM
 ABOVE 8/11 CONVENIENT STORE
 NEXT TO THIMPHU THROMDE BUILDING
 THIMPHU: BHUTAN

PROJECT:

TITLE: FUEL RETAIL OUTLET
LOCATION: TRI-JUNCTION, CHUKHA
OWNER: STCBL
PLOT ID: -
THARM NO: -
FLOORS: G+1 STRUCTURE

REMARKS



OWNER SIGNATURE

DESIGNED BY:

SUGAN PRADHAN
 (GENERAL MANAGER, PETROLEUM
 DIVISION)
 CIVIL ENGINEER
 STCBL, THIMPHU

DRAWING TITLE:

STRUCTURAL DRAWING
ROOF PLAN

DATE: JULY 2020

SCALE: NTS

DRAWING

SHEET NO : ST/16

REVISION SUFFIX

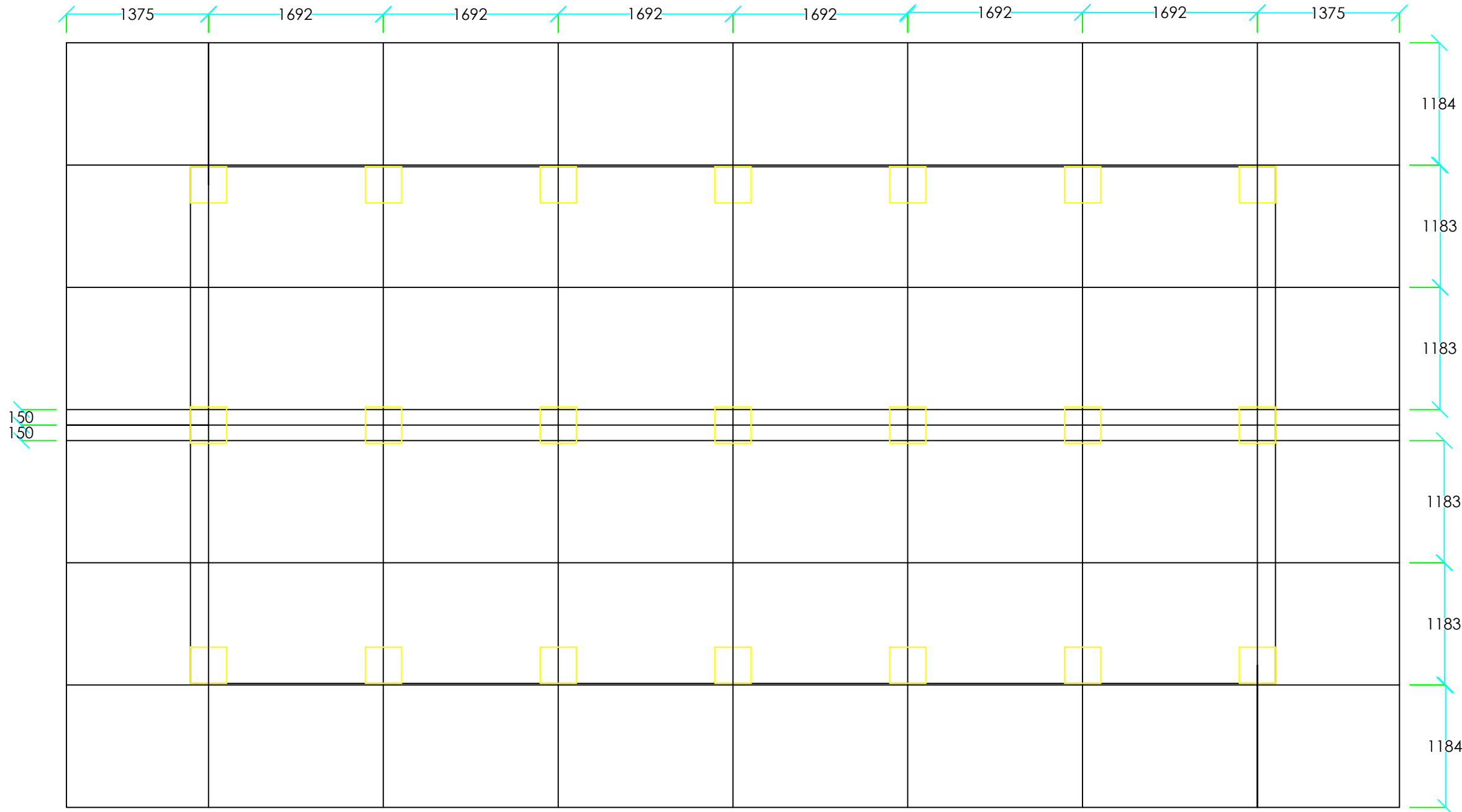
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NORTH



GENERAL NOTE:

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OFFICE: FLAT NO 8, GONGDZIN LAM
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NEXT TO THIMPHU THROMDE BUILDING
THIMPHU: BHUTAN

PROJECT:

TITLE: FUEL RETAIL OUTLET
LOCATION: TRI-JUNCTION, CHUKHA
OWNER: STCBL
PLOT ID: -
THARM NO: -
FLOORS: G+1 STRUCTURE

REMARKS



OWNER SIGNATURE

DESIGNED BY:

SUGAN PRADHAN
(GENERAL MANAGER, PETROLEUM
DIVISION)
CIVIL ENGINEER
STCBL, THIMPHU

DRAWING TITLE:

STRUCTURAL DRAWING
ROOF TRUSS

DATE: JULY 2020

SCALE: NTS

DRAWING

SHEET NO : ST/16A

REVISION SUFFIX

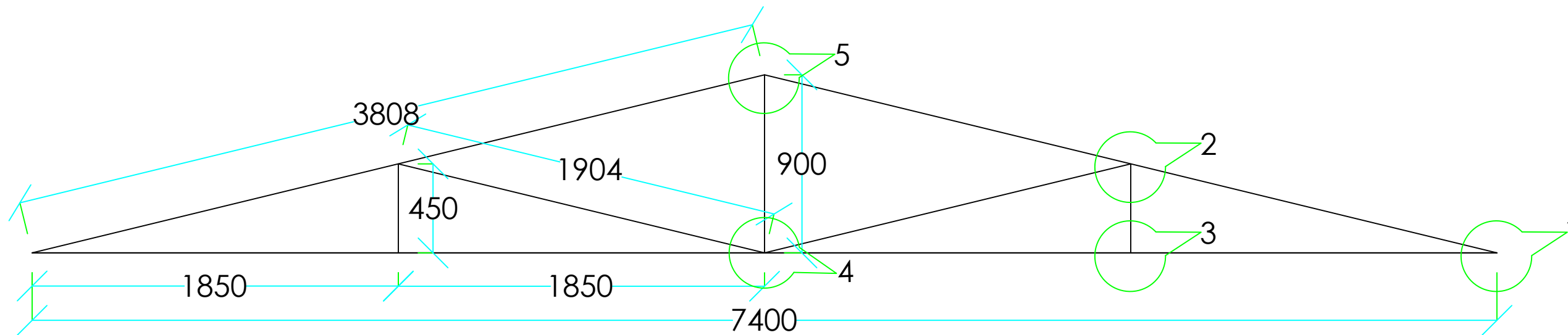
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NORTH



GENERAL NOTE:

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SCHEDULE OF TRUSS MEMBERS

MEMBER	SIZE
Bottom Chord/Tie	60.3mm OD, 3.65mm thick, 5.10Kg/m
Rafter	60.3mm OD, 3.65mm thick, 5.10Kg/m
Post	42.4mm OD, 3.25mm thick, 3.15Kg/m
Strut	42.4mm OD, 3.25mm thick, 3.15Kg/m
Purlin	42.4mm OD, 3.25mm thick, 3.15Kg/m @900c/c

PROJECT:	
TITLE:	FUEL RETAIL OUTLET
LOCATION:	TRI-JUNCTION, CHUKHA
OWNER:	STCBL
PLOT ID:	-
THARM NO:	-
FLOORS:	G+1 STRUCTURE

REMARKS



OWNER SIGNATURE

DESIGNED BY:

SUGAN PRADHAN
 (GENERAL MANAGER, PETROLEUM
 DIVISION)
 CIVIL ENGINEER
 STCBL, THIMPHU

DRAWING TITLE:

**STRUCTURAL DRAWING
 TRUSS DETAILS**

DATE: JULY 2020

SCALE: NTS

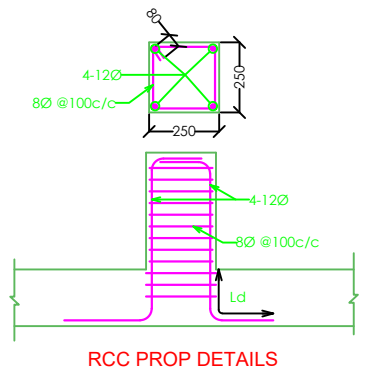
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SHEET NO : ST/16B

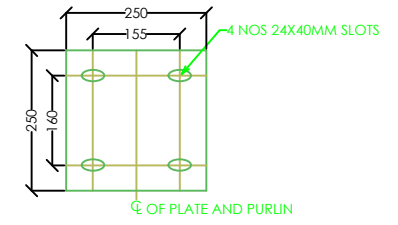
REVISION SUFFIX	NORTH
□ □ □ □ □	

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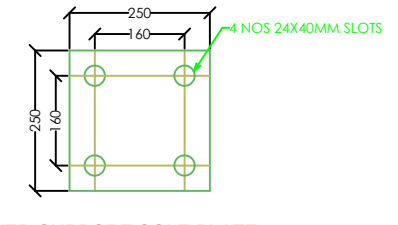
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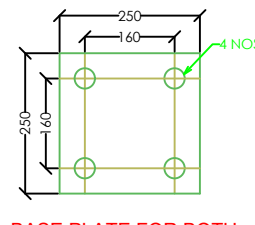
RCC PROP DETAILS



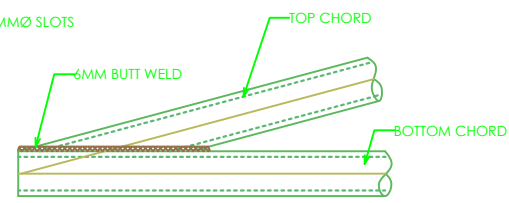
FLEXIBLE SUPPORT SOLE PLATE



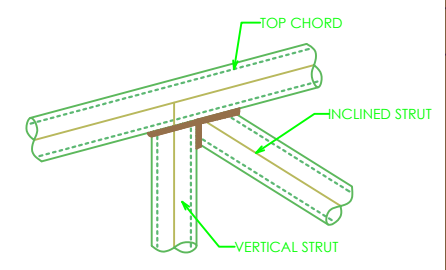
FIXED SUPPORT SOLE PLATE



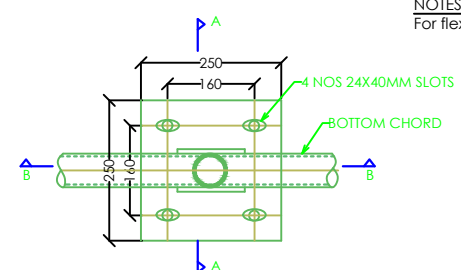
BASE PLATE FOR BOTH FLEXIBLE SUPPORT AND FIXED SUPPORT



DETAIL 1

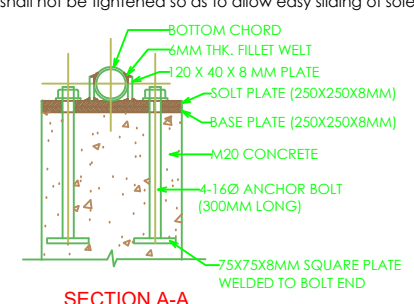


DETAIL 2

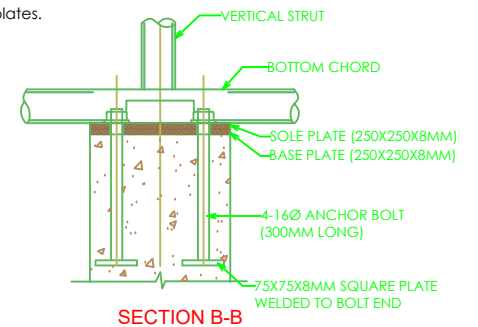


TRUSS HOLDING DOWN DETAILS

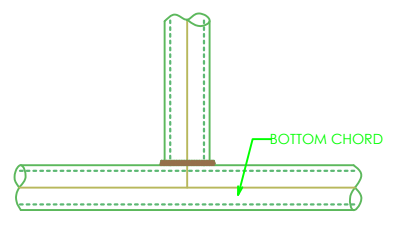
NOTES:
 For flexible support, bolts shall not be tightened so as to allow easy sliding of sole plates.



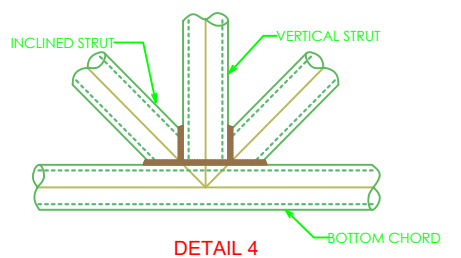
SECTION A-A



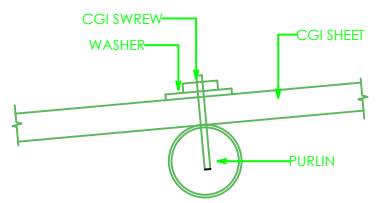
SECTION B-B



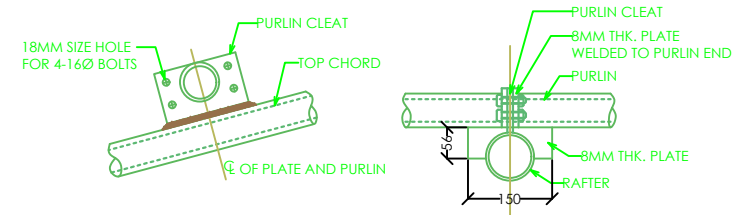
DETAIL 3



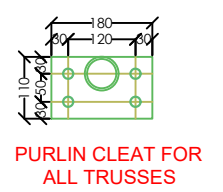
DETAIL 4



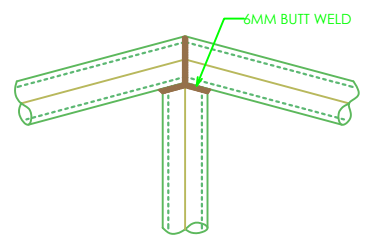
CONNECTION OF CGI SHEET TO PURLIN



PURLIN CLEAT

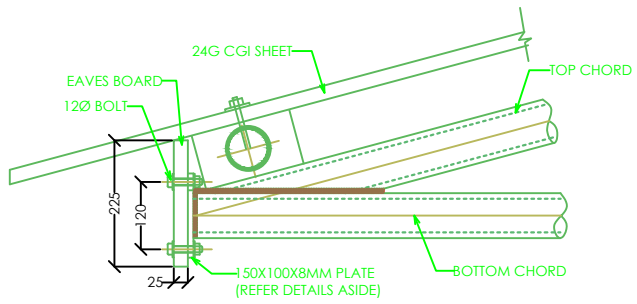


PURLIN CLEAT FOR ALL TRUSSES

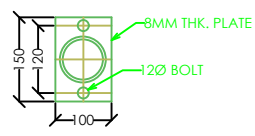


DETAIL 5

- NOTES:**
1. All dimensions are in mm unless stated otherwise.
 2. Connection details shown are for different types of joints and to be taken same for similar joints.
 3. Height of RCC prop to be taken as per Architectural drawings.
 4. All members of truss joint shall be in welding.
 5. Welding shall conform to IS 816 and thickness shall be 6mm.
 6. All Steel Tube Sections and Plates shall conform to IS 1161 & IS 2062.
 7. All MS Nuts & Bolts shall conform to IS 1363-1984 and Washers shall conform to IS 5374.



CONNECTION OF EAVES BOARD TO STEEL TRUSS



EAVES BOARD PLATE DETAIL

OFFICE: FLAT NO 8, GONGDZIN LAM
 ABOVE 8/11 CONVENIENT STORE
 NEXT TO THIMPHU THROMDE BUILDING
 THIMPHU: BHUTAN

PROJECT:
 TITLE: FUEL RETAIL OUTLET
 LOCATION: TRI-JUNCTION, CHUKHA
 OWNER: STCBL
 PLOT ID: -
 THARM NO: -
 FLOORS: G+1 STRUCTURE

REMARKS



OWNER SIGNATURE

DESIGNED BY:
 SUGAN PRADHAN
 (GENERAL MANAGER, PETROLEUM
 DIVISION)
 CIVIL ENGINEER
 STCBL, THIMPHU

DRAWING TITLE:

STRUCTURAL DRAWING
 UG TANK

DATE: JULY 2020

SCALE: 1:100

DRAWING

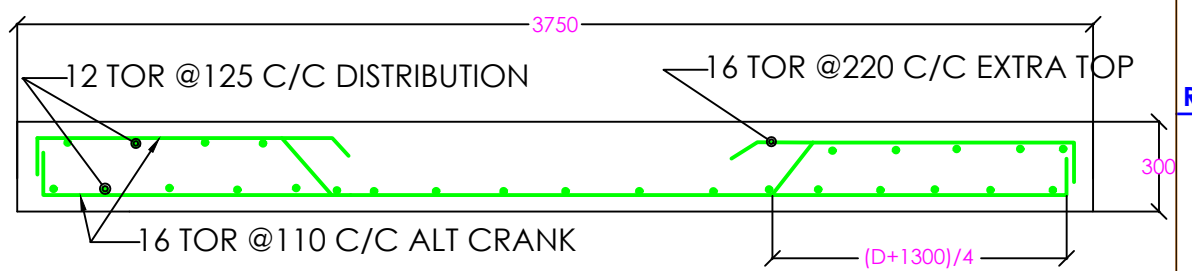
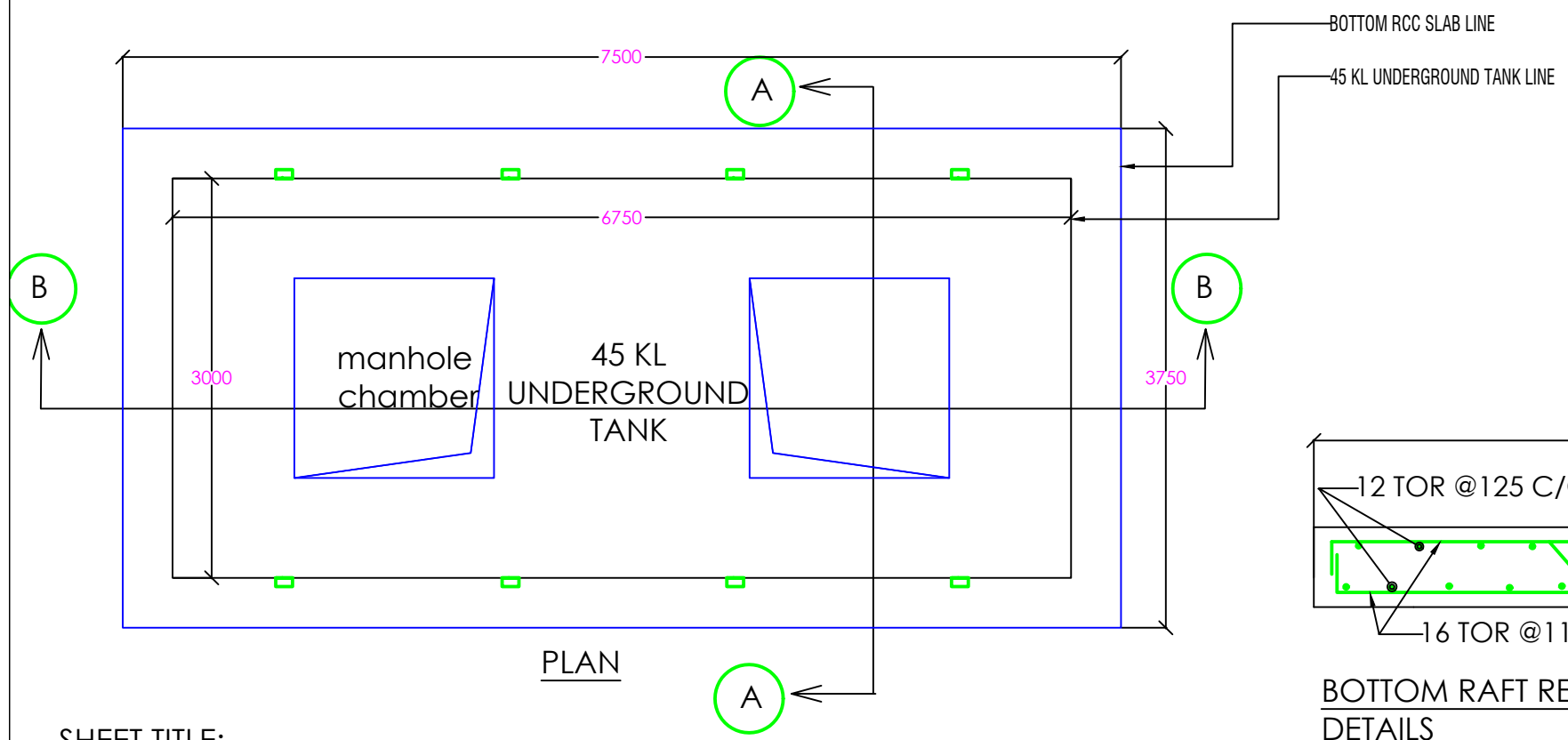
SHEET NO : ST/17

REVISION SUFFIX	NORTH
□ □ □ □ □	

GENERAL NOTE:

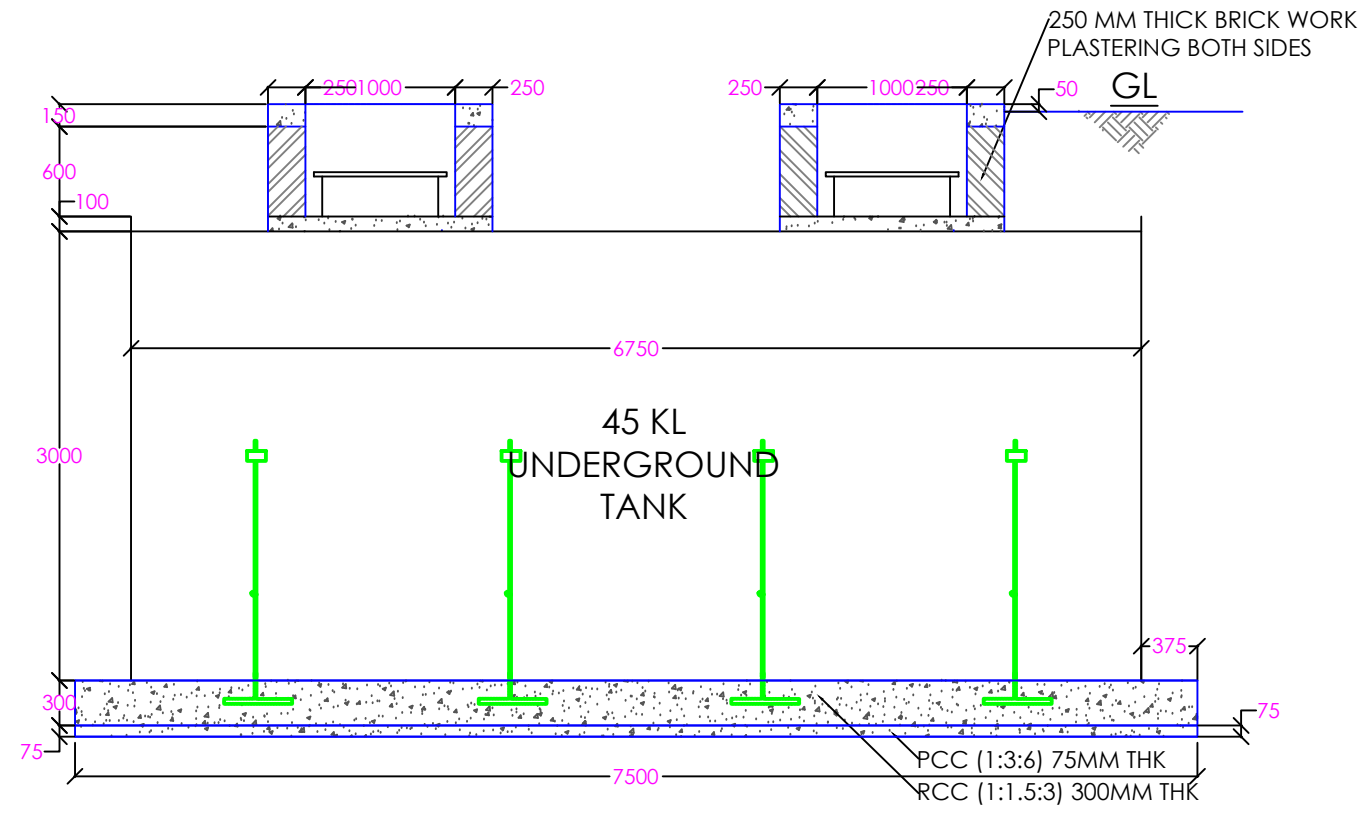
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1. ALL DIMENSION ARE IN MILLIMETERS
2. ALL STEEL SURFACES IN CONTACT WITH CONCRETE SHALL NOT BE PAINTED.
3. CONCRETE SHALL BE OF GRADE M-20 (1:1.5:3.)
4. FOR COMMON WALL, WALL THICKNESS SHALL BE 250 MM CLEAR COVER TO REINFORCEMENT SHALL BE AS FOLLOWS FOR TOP & BOTTOM SLAB 25MM & SIDES 40MM
5. DEPTH TO BE FINALIZED AT SITE DEPENDING ON SOIL CONDITION.
6. THE WELDING SHALL BE AS PER IS:816 USING ONLY IS MARKED ELECTRODES OF APPROVED MAKE.
7. GRADE OF STEEL SHALL BE Fe 500.
8. MINIMUM LAP LENGTH SHALL BE 50 TIMES OF DIAMETER OF BAR & LAP SHALL BE SUITABLY STAGGERED.
9. BEARING CAPACITY OF SOIL CONSIDERED 10 T/SQM.

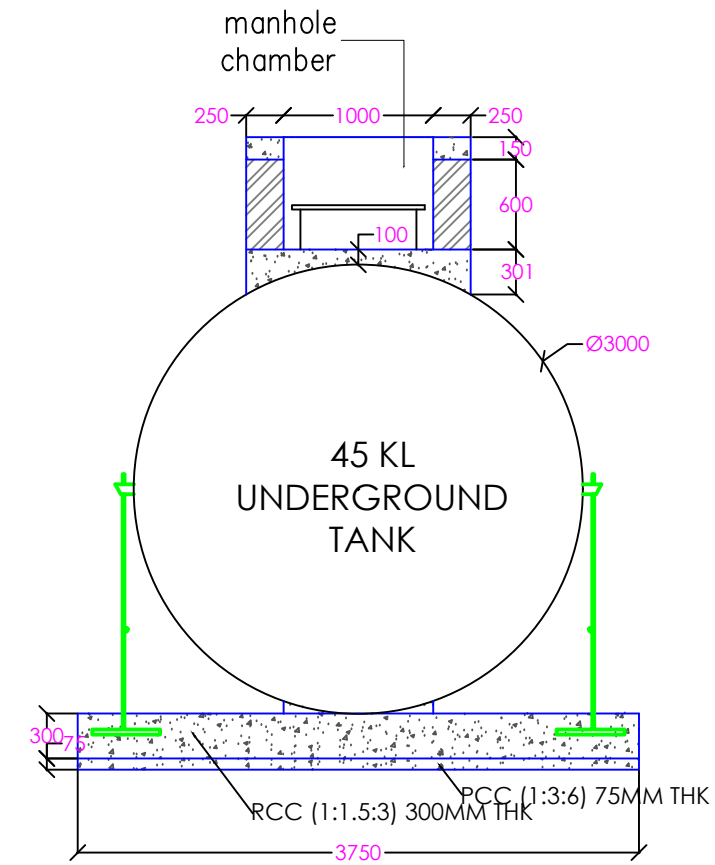


BOTTOM RAFT REINFORCEMENT DETAILS

SHEET TITLE:
 DRAWING OF 45 KL UNDERGROUND TANK



CROSS SECTION B-B



CROSS SECTION A-A

PROJECT:	
TITLE:	FUEL RETAIL OUTLET
LOCATION:	TRI-JUNCTION, CHUKHA
OWNER:	STCBL
PLOT ID:	-
THARM NO:	-
FLOORS:	G+1 STRUCTURE

REMARKS



OWNER SIGNATURE

DESIGNED BY:
 SUGAN PRADHAN
 (GENERAL MANAGER, PETROLEUM
 DIVISION)
 CIVIL ENGINEER
 STCBL, THIMPHU

DRAWING TITLE:

STRUCTURAL DRAWING
 UG TANK

DATE: JULY 2020

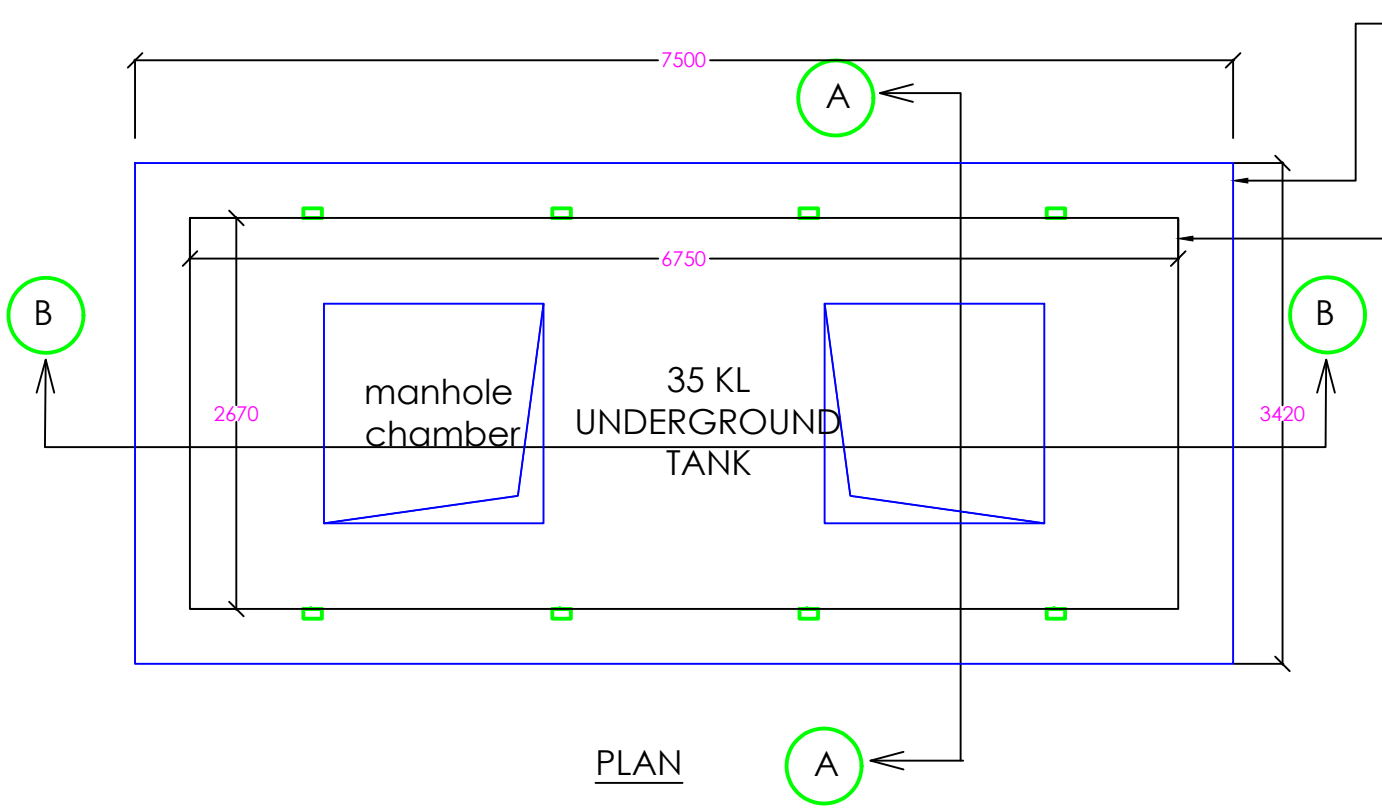
SCALE: 1:100

DRAWING SHEET NO : ST/18

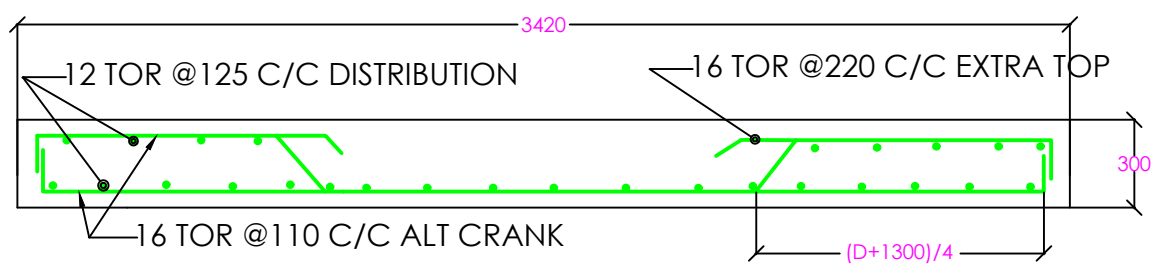
REVISION SUFFIX	NORTH
□ □ □ □ □	

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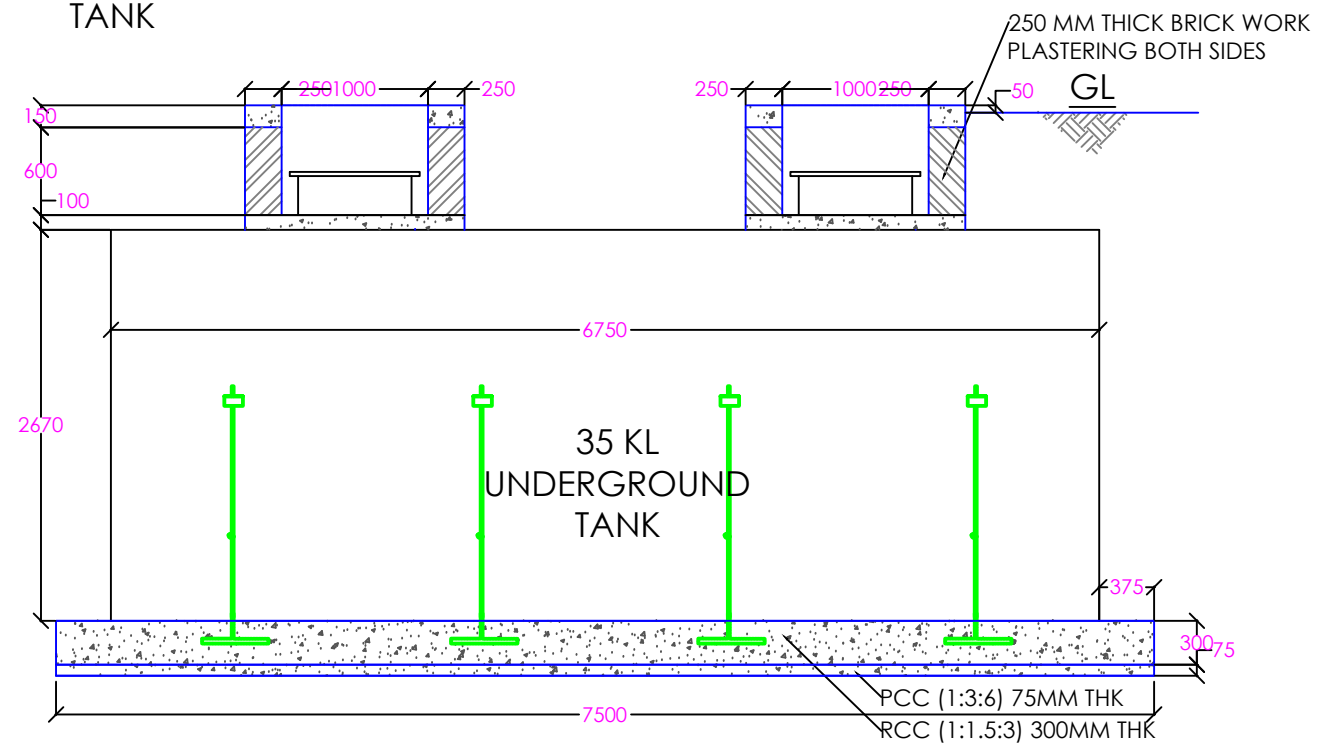


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2. ALL STEEL SURFACES IN CONTACT WITH CONCRETE SHALL NOT BE PAINTED.
3. CONCRETE SHALL BE OF GRADE M-20 (1:1.5:3.) FOR COMMON WALL, WALL THICKNESS SHALL BE 250 MM
4. CLEAR COVER TO REINFORCEMENT SHALL BE AS FOLLOWS FOR TOP & BOTTOM SLAB 25MM & SIDES 40MM
5. DEPTH TO BE FINALIZED AT SITE DEPENDING ON SOIL CONDITION.
6. THE WELDING SHALL BE AS PER IS:816 USING ONLY IS MARKED ELECTRODES OF APPROVED MAKE.
7. GRADE OF STEEL SHALL BE Fe 500.
8. MINIMUM LAP LENGTH SHALL BE 50 TIMES OF DIAMETER OF BAR & LAP SHALL BE SUITABLY STAGGERED.
9. BEARING CAPACITY OF SOIL CONSIDERED 10 T/SQM.

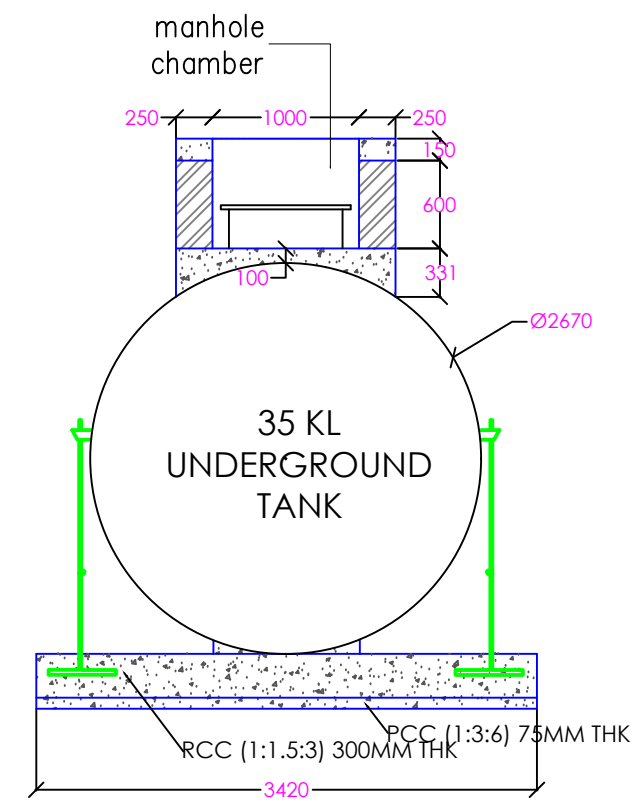


BOTTOM RAFT REINFORCEMENT DETAILS

SHEET TITLE:
DRAWING OF 35 KL UNDERGROUND TANK



CROSS SECTION B-B



CROSS SECTION A-A

PROJECT:	
TITLE:	FUEL RETAIL OUTLET
LOCATION:	TRI-JUNCTION, CHUKHA
OWNER:	STCBL
PLOT ID:	-
THARM NO:	-
FLOORS:	G+1 STRUCTURE

REMARKS



OWNER SIGNATURE

DESIGNED BY:
SUGAN PRADHAN
 (GENERAL MANAGER, PETROLEUM
 DIVISION)
 CIVIL ENGINEER
 STCBL, THIMPHU

DRAWING TITLE:
**STRUCTURAL DRAWING
 CANOPY FOUNDATION**

DATE: JULY 2020

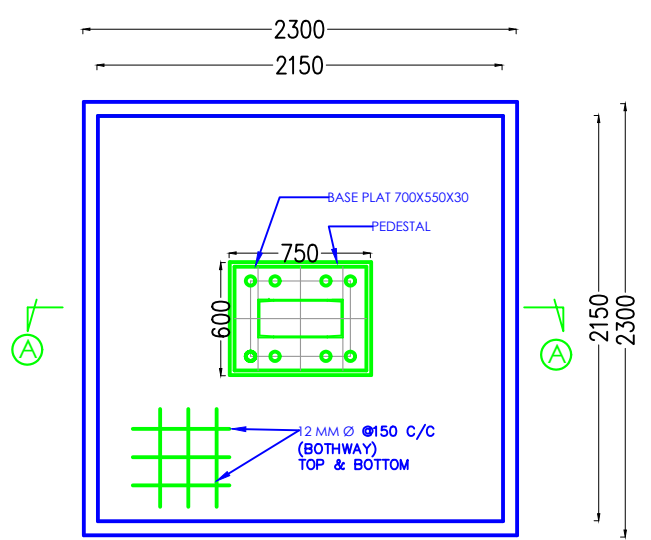
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DRAWING
 SHEET NO :ST/19

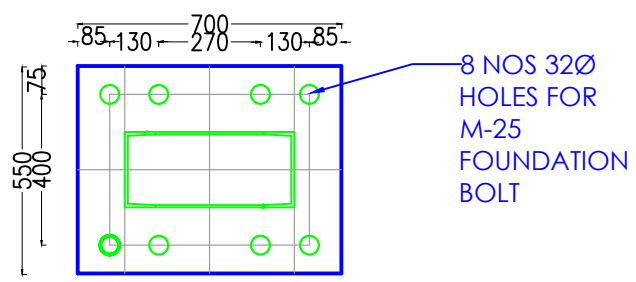
REVISION SUFFIX	NORTH
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GENERAL NOTE:

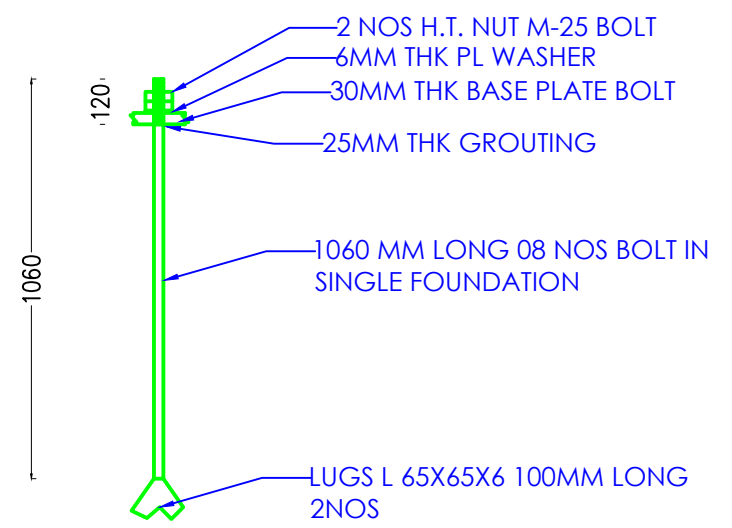
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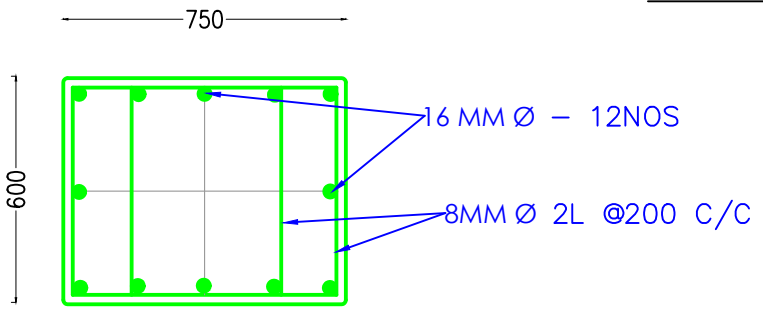
PLAN OF FOOTING



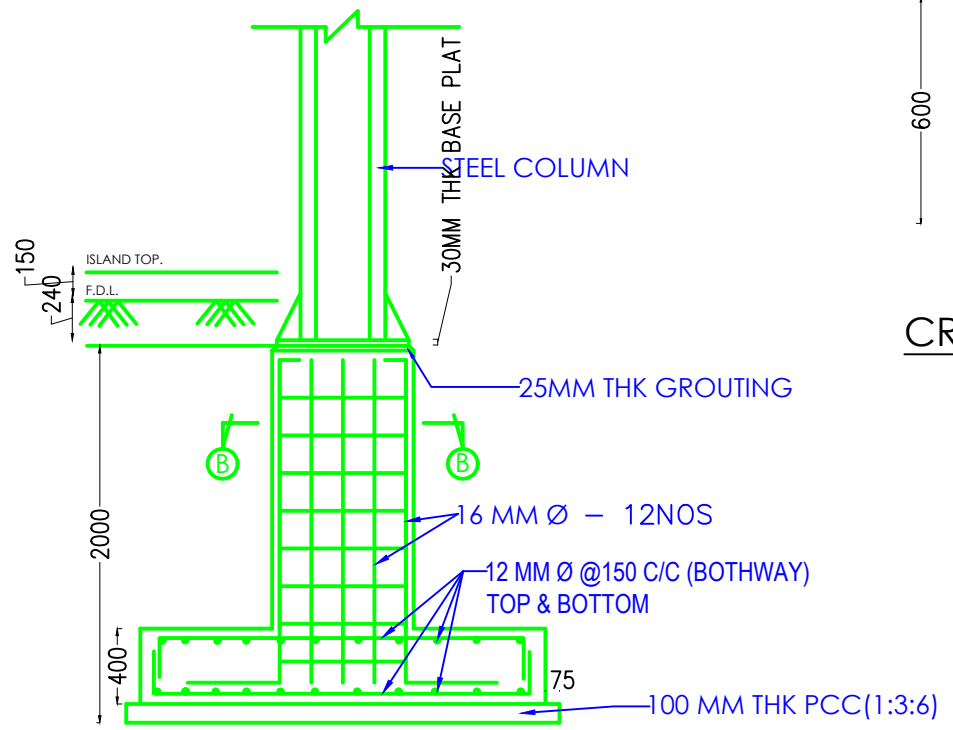
BASE PLATE PLAN



DETAIL OF FOUNDATION BOLT



CROSS SECTION B-B



CROSS SECTION A-A

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2. ALL STEEL SURFACES IN CONTACT WITH CONCRETE SHALL NOT BE PAINTED.
3. CONCRETE SHALL BE OF GRADE M-20 (1:1.5:3.)
4. FOR COMMON WALL, WALL THICKNESS SHALL BE 500MM
5. CLEAR COVER TO REINFORCEMENT SHALL BE AS FOLLOWS. FOR TOP & BOTTOM SLAB 25MM & SIDES 40MM
6. DEPTH TO BE FINALIZED AT SITE DEPENDING ON SOIL CONDITION.
7. THE WELDING SHALL BE AS PER IS:816 USING ONLY IS MARKED ELECTRODES OF APPROVED MAKE.
9. GRADE OF STEEL SHALL BE Fe 415
10. MINIMUM LAP LENGTH SHALL BE 50 TIMES OF DIA OF BAR & LAP SHALL BE SUITABLY STAGGERED
11. BEARING CAPACITY OF SOIL CONSIDERED 10 T/SQM
12. DESIGN BASIS : IS 456, IS 875 (PART i - iv)

CANOPY

SHEET TITLE:
 DRAWING OF FOUNDATION DETAILS OF CANOPY

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OFFICE: FLAT NO 8, GONGDZIN LAM
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 NEXT TO THIMPHU THROMDE BUILDING
 THIMPHU: BHUTAN

PROJECT:
 TITLE: FUEL RETAIL OUTLET
 LOCATION: TRI-JUNCTION, CHUKHA
 OWNER: STCBL
 PLOT ID: -
 THARM NO: -
 FLOORS: G+1 STRUCTURE



OWNER SIGNATURE

DESIGNED BY:
 SUGAN PRADHAN
 (GENERAL MANAGER, PETROLEUM
 DIVISION)
 CIVIL ENGINEER
 STCBL, THIMPHU

DRAWING TITLE:
 STRUCTURAL DRAWING
 ISLAND DETAILS

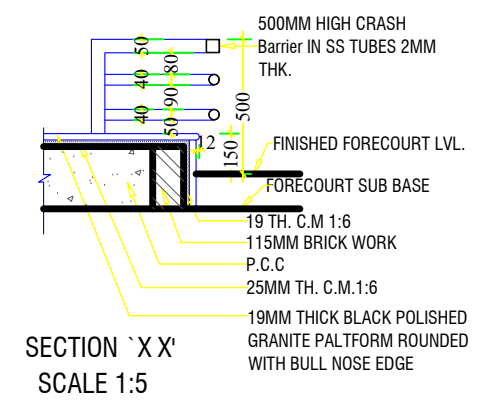
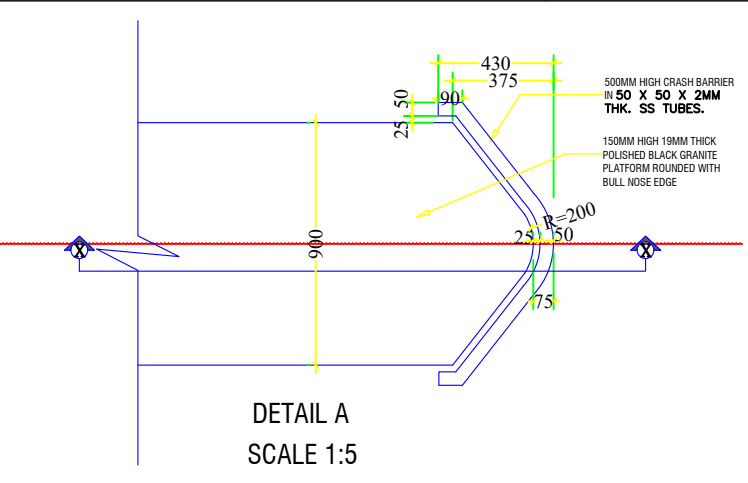
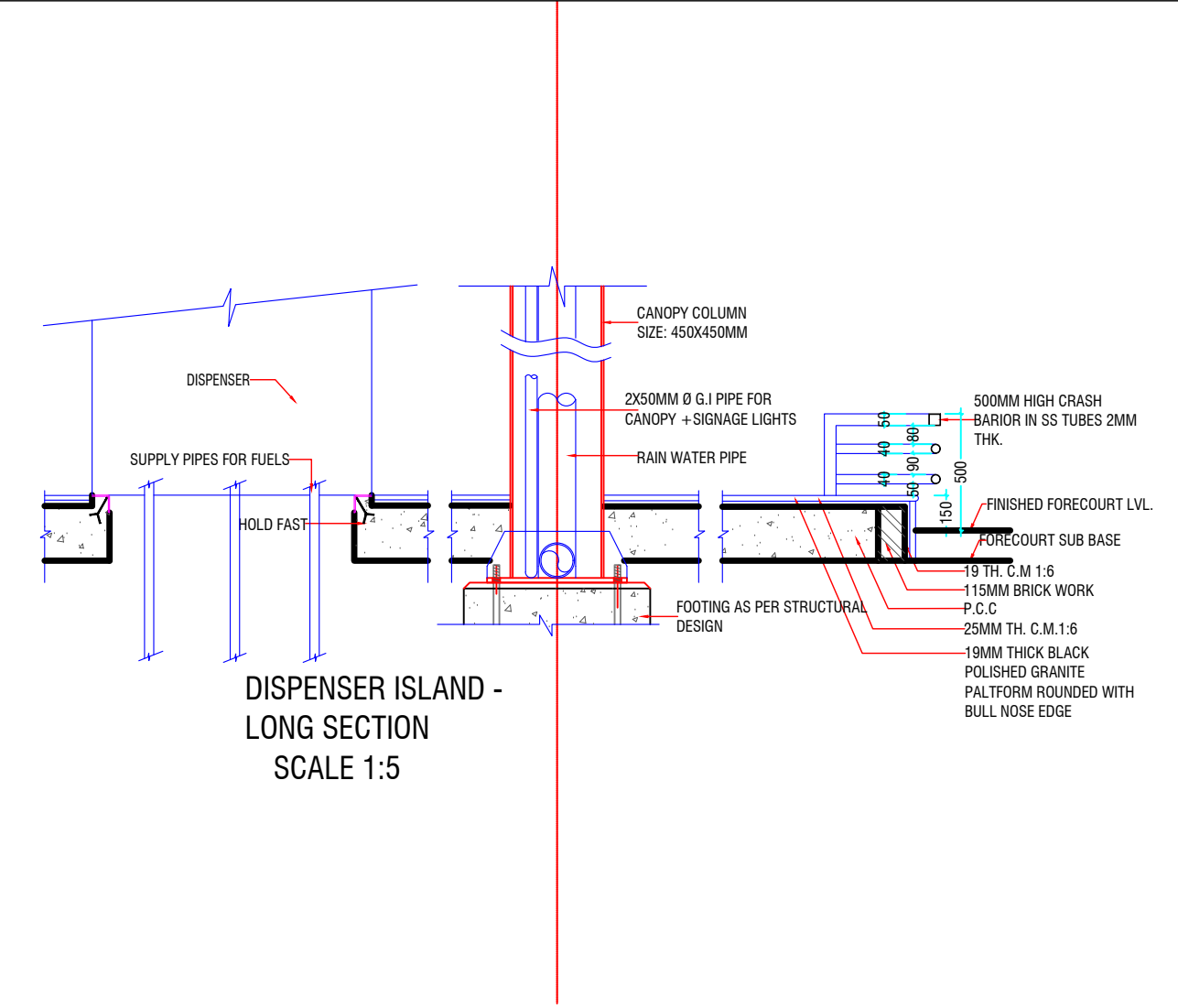
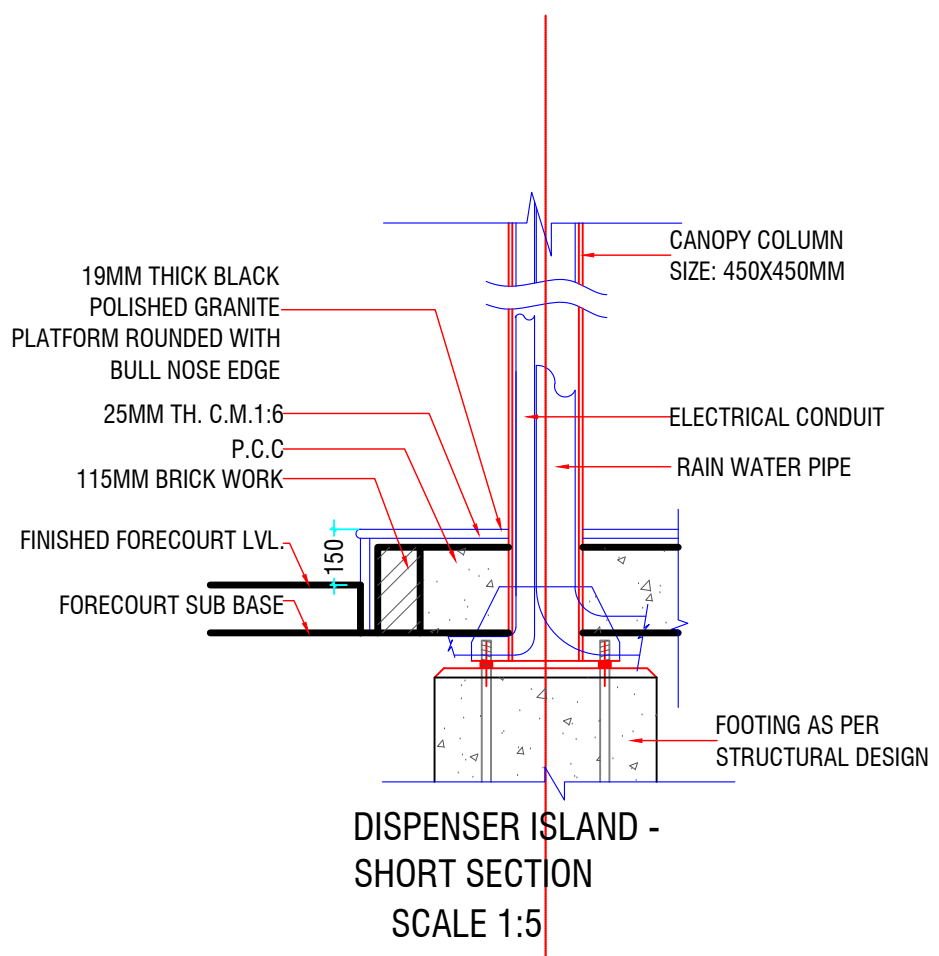
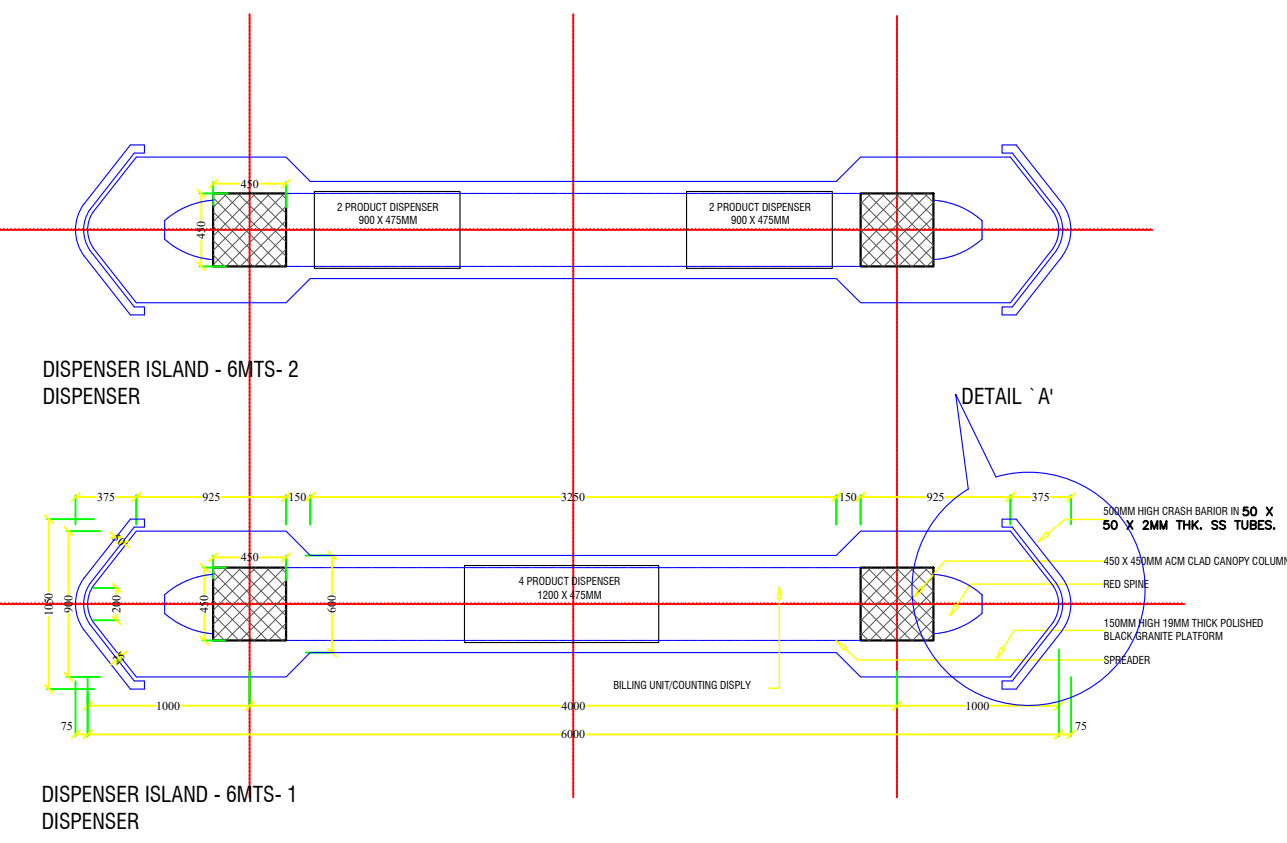
DATE: JULY 2020

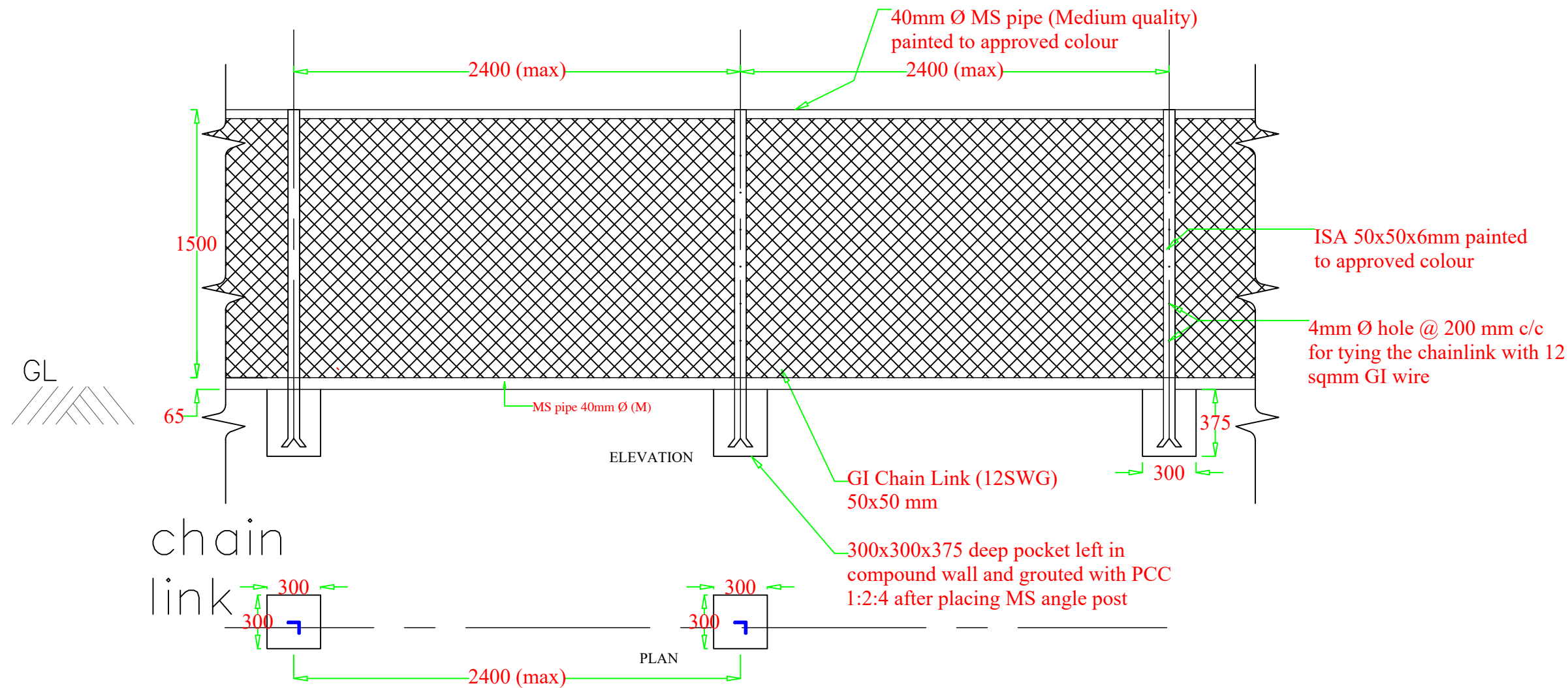
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DRAWING
 SHEET NO :ST/20

REVISION SUFFIX	NORTH
□ □ □ □ □	

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 ABOVE 8/11 CONVENIENT STORE
 NEXT TO THIMPHU THROMDE BUILDING
 THIMPHU: BHUTAN

PROJECT:
 TITLE: FUEL RETAIL OUTLET
 LOCATION: TRI-JUNCTION, CHUKHA
 OWNER: STCBL
 PLOT ID: -
 THARM NO: -
 FLOORS: G+1 STRUCTURE

REMARKS



OWNER SIGNATURE

DESIGNED BY:
 SUGAN PRADHAN
 (GENERAL MANAGER, PETROLEUM
 DIVISION)
 CIVIL ENGINEER
 STCBL, THIMPHU

DRAWING TITLE:
 STRUCTURAL DRAWING
 FENCING

DATE: JULY 2020

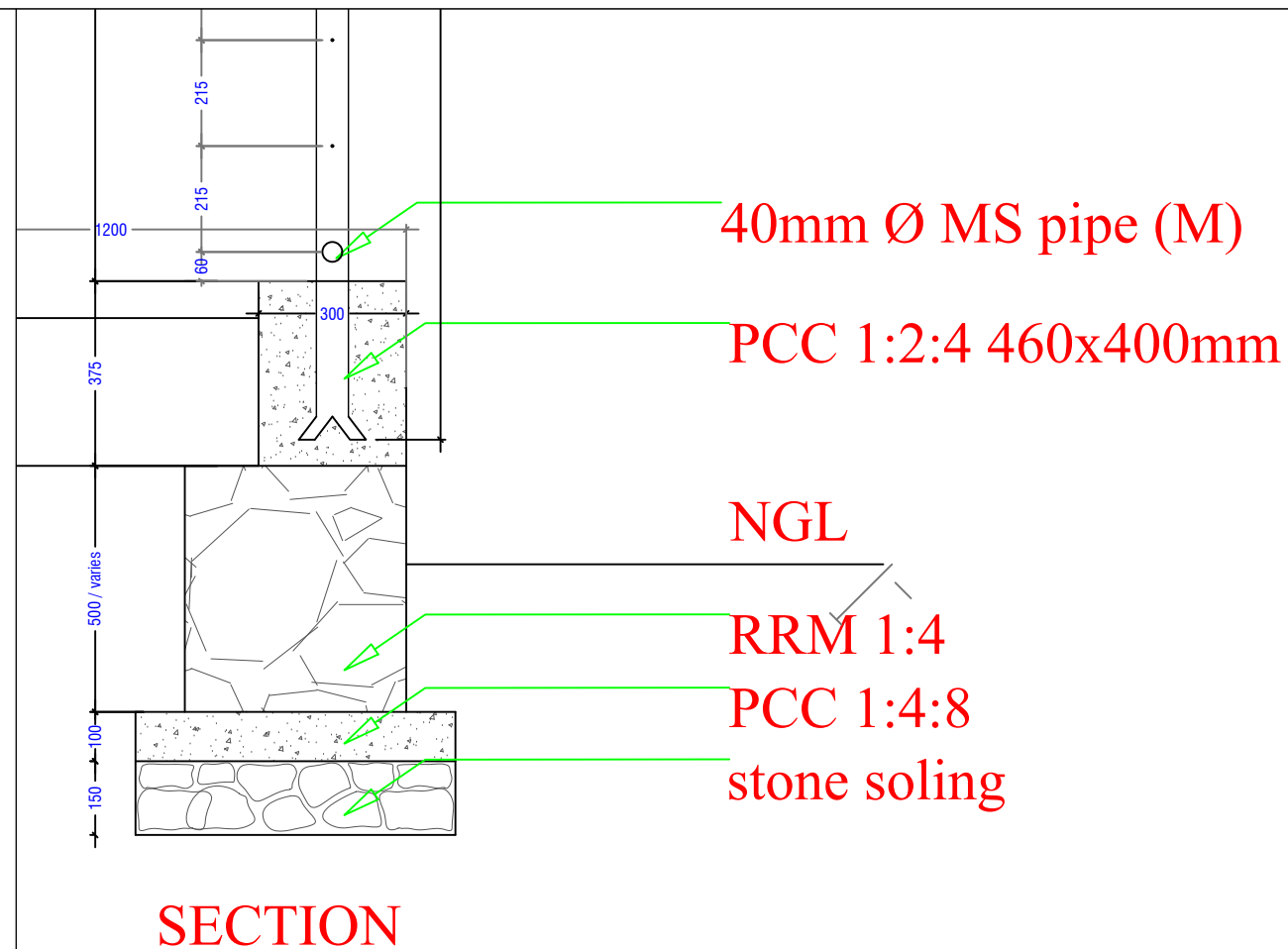
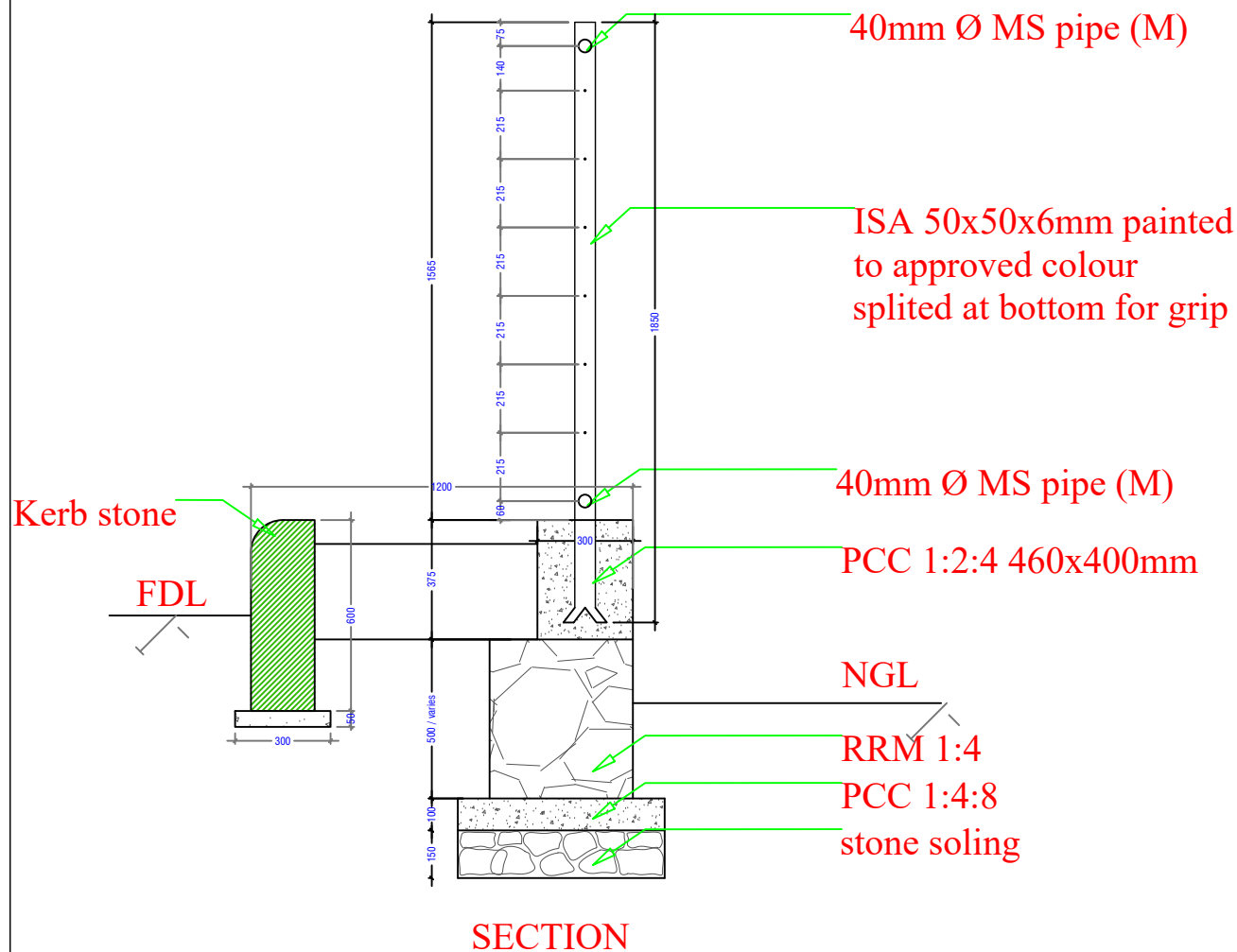
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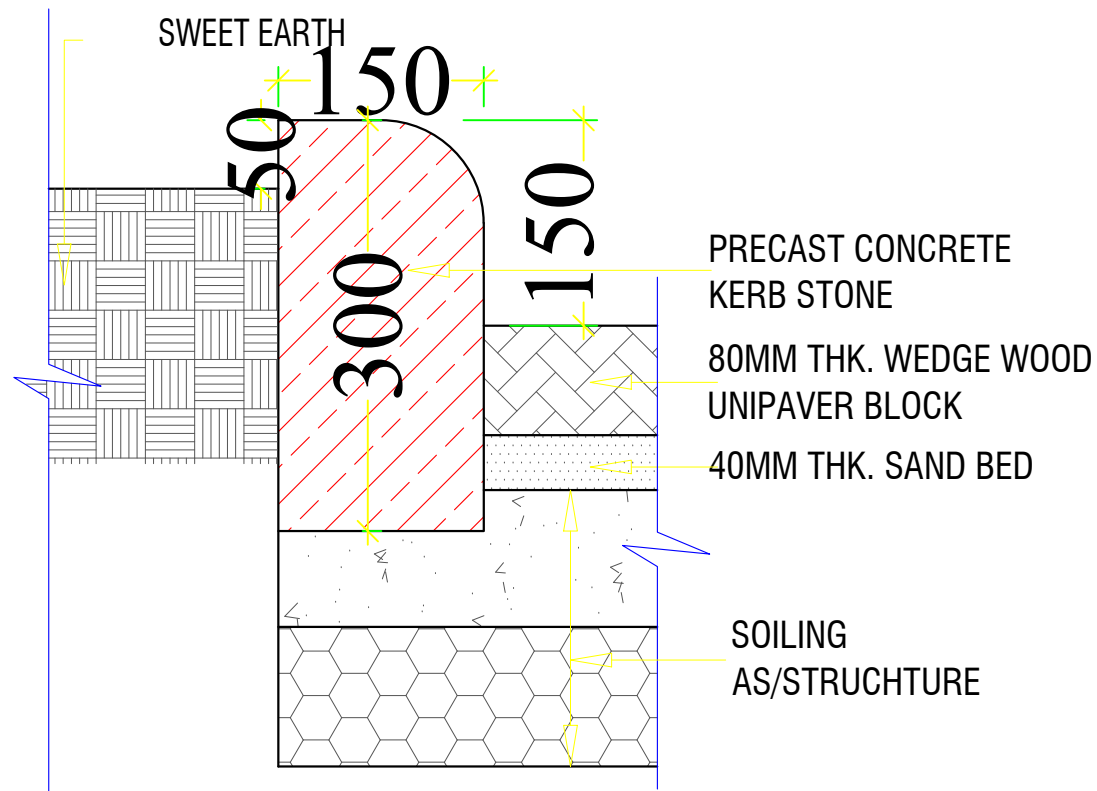
DRAWING
 SHEET NO : ST/21

REVISION SUFFIX	NORTH
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GENERAL NOTE:

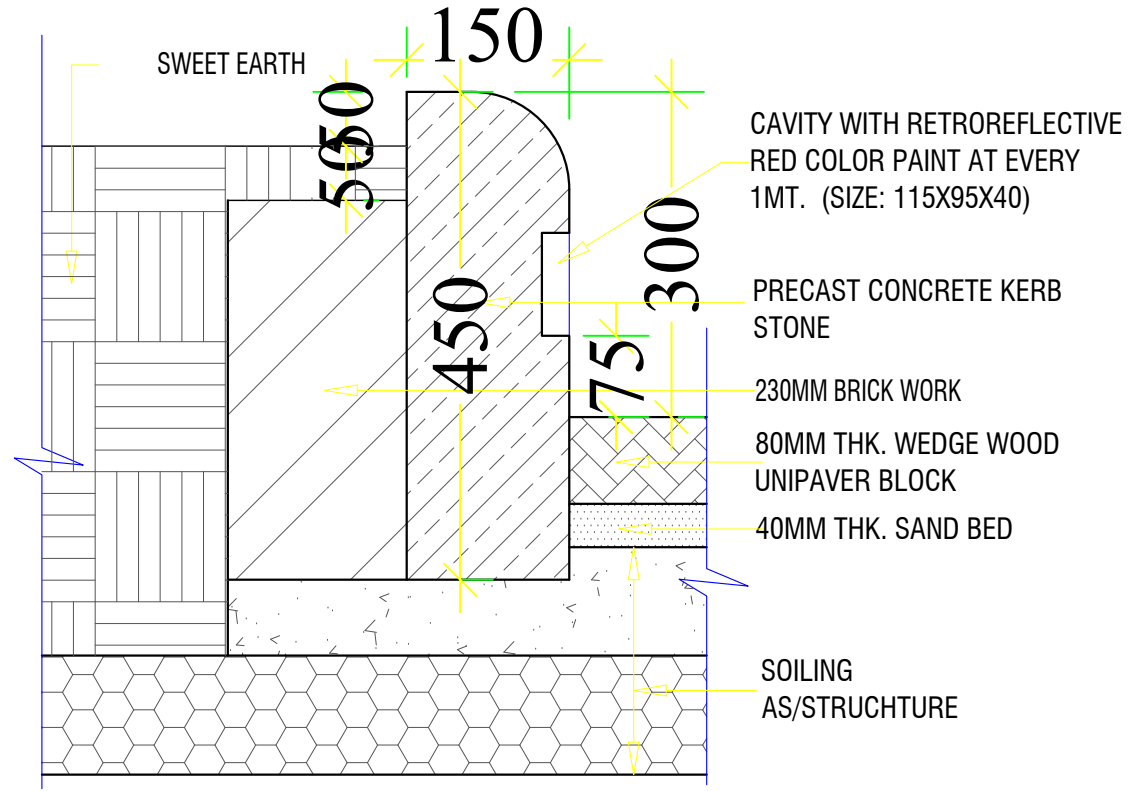
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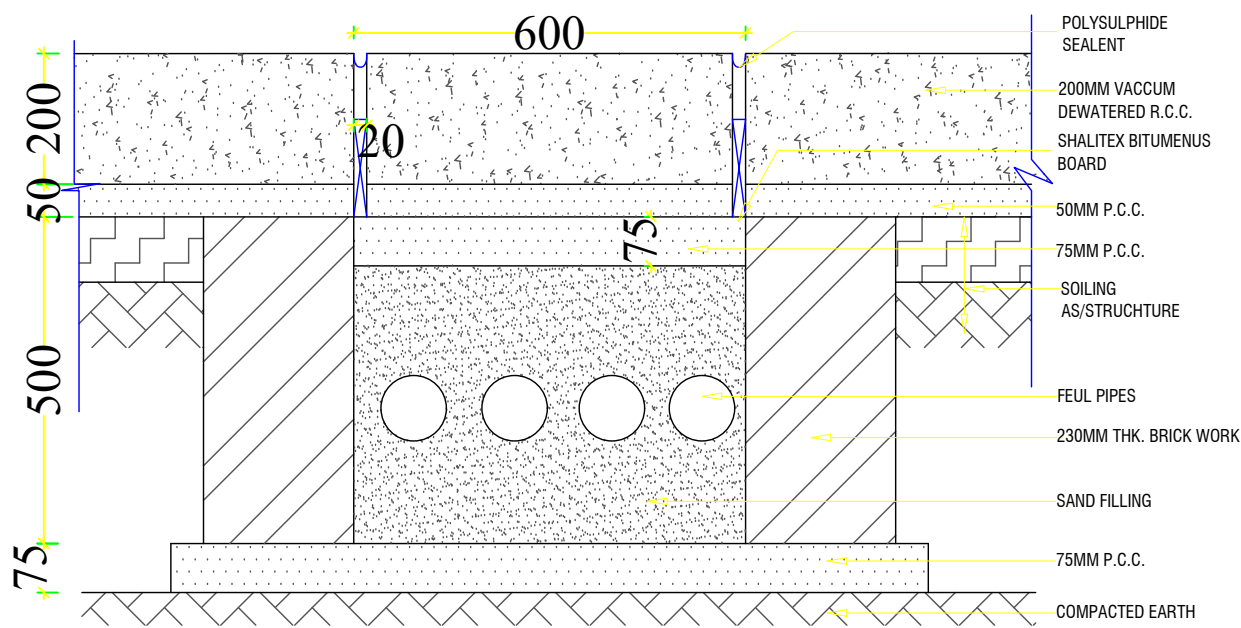
KERB STONE DETAIL AROUND GREEN AREA

TYPICAL DETAIL 'C'
SCALE 1:50

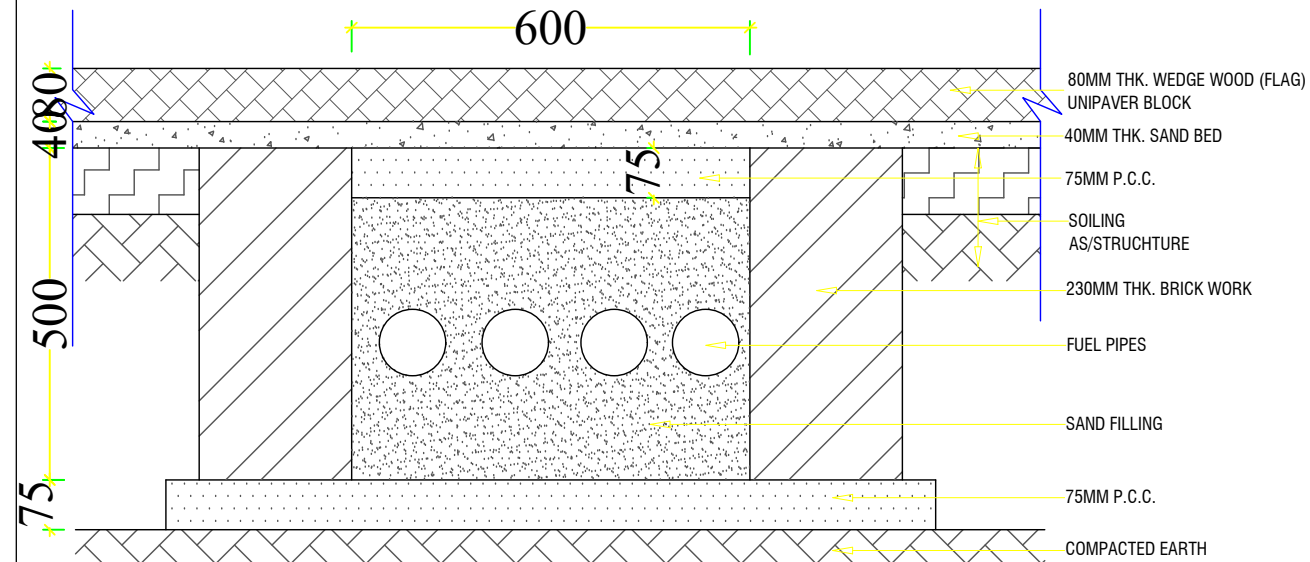


KERB STONE DETAIL AROUND (D) AREA

TYPICAL DETAIL 'D'
SCALE 1:50



TYPICAL DETAIL 'A A'
SCALE 1:50



TYPICAL DETAIL 'B B'
SCALE 1:50

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OFFICE: FLAT NO 8, GONGDZIN LAM
ABOVE 8/11 CONVENIENT STORE
NEXT TO THIMPHU THROMDE BUILDING
THIMPHU: BHUTAN

PROJECT:

TITLE: FUEL RETAIL OUTLET
LOCATION: TRI-JUNCTION, CHUKHA
OWNER: STCBL
PLOT ID: -
THARM NO: -
FLOORS: G+1 STRUCTURE

REMARKS



OWNER SIGNATURE

DESIGNED BY:

SUGAN PRADHAN
(GENERAL MANAGER, PETROLEUM
DIVISION)
CIVIL ENGINEER
STCBL, THIMPHU

DRAWING TITLE:

STRUCTURAL DRAWING
KERB WALL DETAILS AND CHAMBER

DATE: JULY 2020

SCALE: 1:100

DRAWING

SHEET NO : ST/22

REVISION SUFFIX

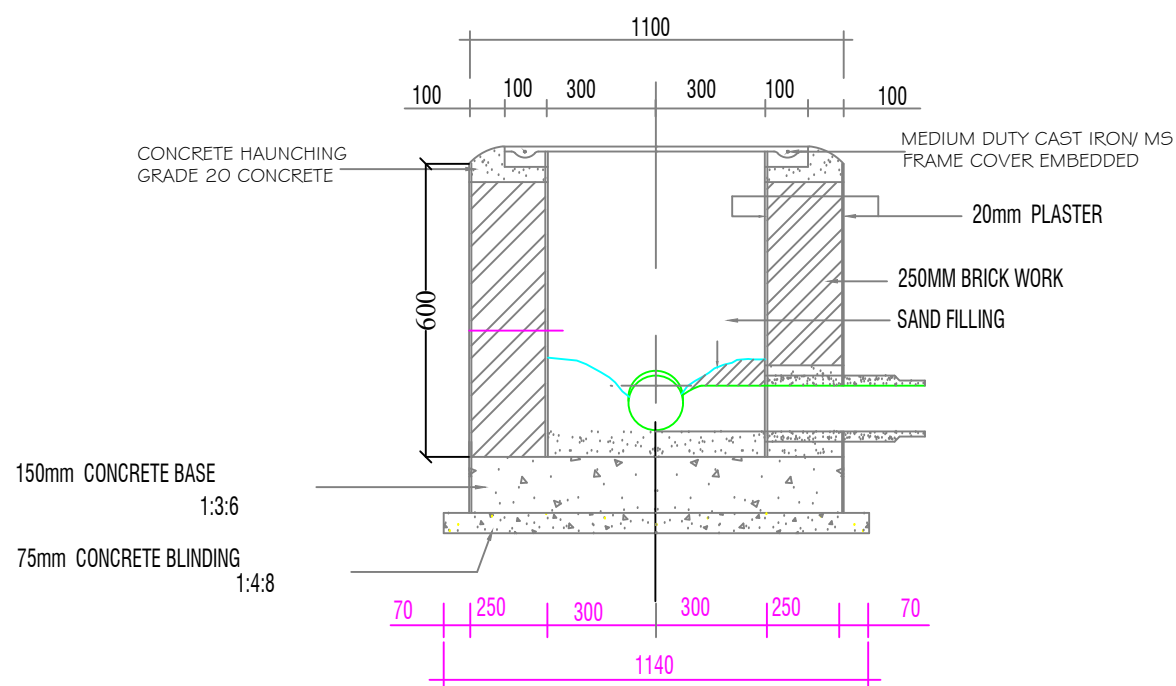
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NORTH

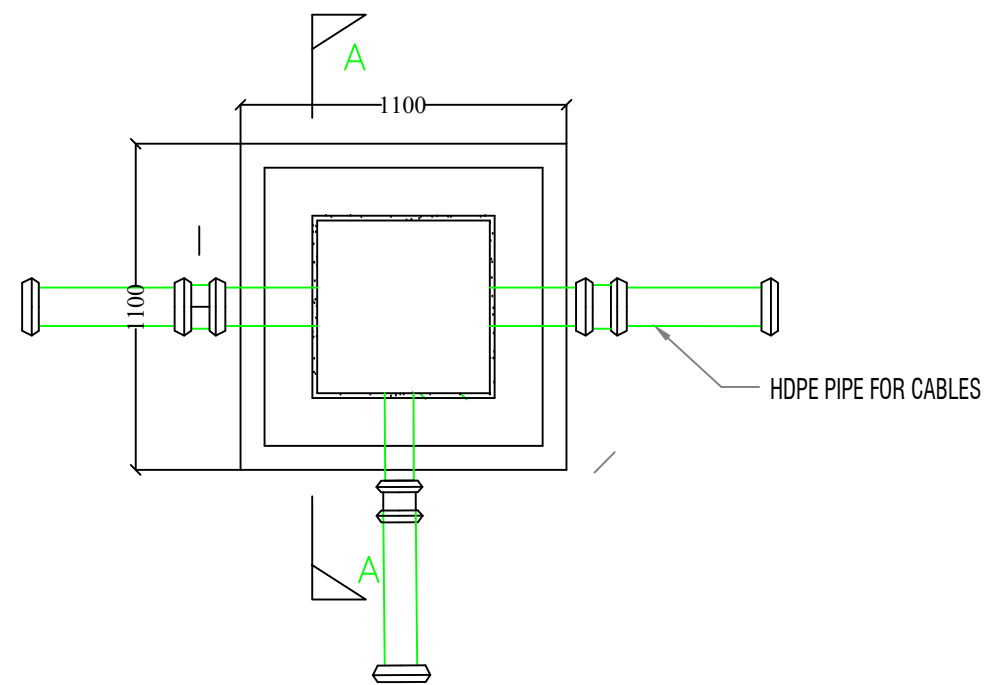


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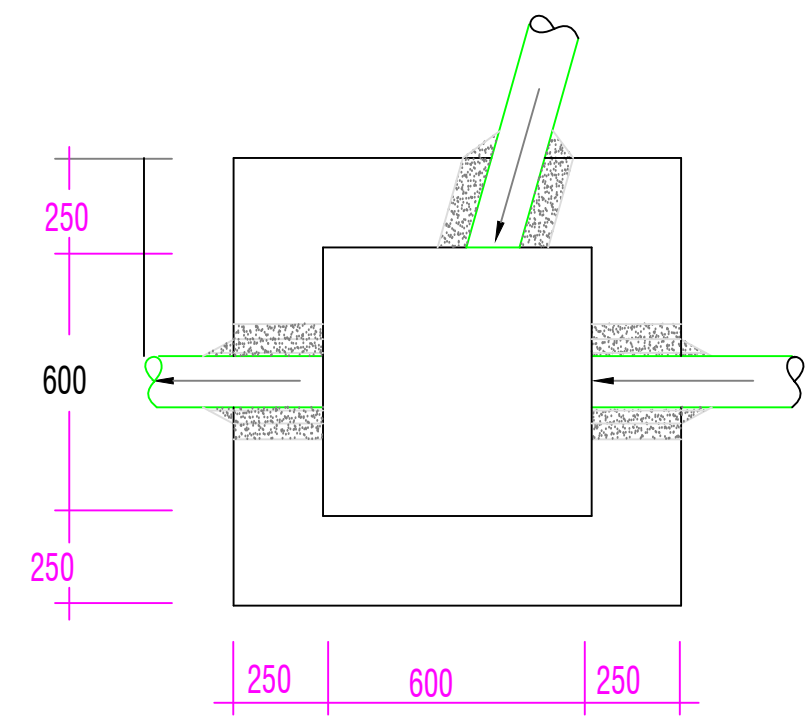
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**600x600 I.C DETAILS
(FOR DEPTHS UP TO 1200 DEPTH)
SECTION A-A**



TYPICAL CONN. DETAIL (FOR 600x600mm CABLE CHAMBE



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 THIMPHU: BHUTAN

PROJECT:
TITLE: FUEL RETAIL OUTLET
LOCATION: TRI-JUNCTION, CHUKHA
OWNER: STCBL
PLOT ID: -
THARM NO: -
FLOORS: G+1 STRUCTURE

REMARKS



OWNER SIGNATURE

DESIGNED BY:
SUGAN PRADHAN
 (GENERAL MANAGER, PETROLEUM
 DIVISION)
 CIVIL ENGINEER
 STCBL, THIMPHU

DRAWING TITLE:
 STRUCTURAL DRAWING
 CABLE CHAMBER

DATE: JULY 2020

SCALE: NTS

DRAWING SHEET NO : ST/24

REVISION SUFFIX	NORTH
□ □ □ □ □	

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 THIMPHU: BHUTAN

PROJECT:
 TITLE: FUEL RETAIL OUTLET
 LOCATION: TRI-JUNCTION, CHUKHA
 OWNER: STCBL
 PLOT ID: -
 THARM NO: -
 FLOORS: G+1 STRUCTURE

REMARKS



OWNER SIGNATURE

DESIGNED BY:
 SUGAN PRADHAN
 (GENERAL MANAGER, PETROLEUM
 DIVISION)
 CIVIL ENGINEER
 STCBL, THIMPHU
 DRAWING TITLE:

STRUCTURAL DRAWING
 SHEAR WALL

DATE: JULY 2020

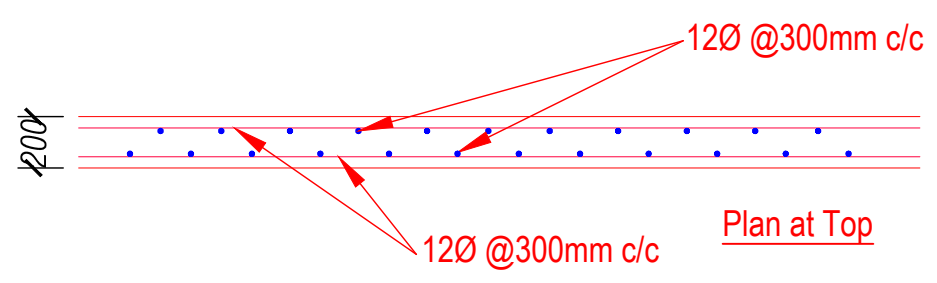
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DRAWING
 SHEET NO : ST/25

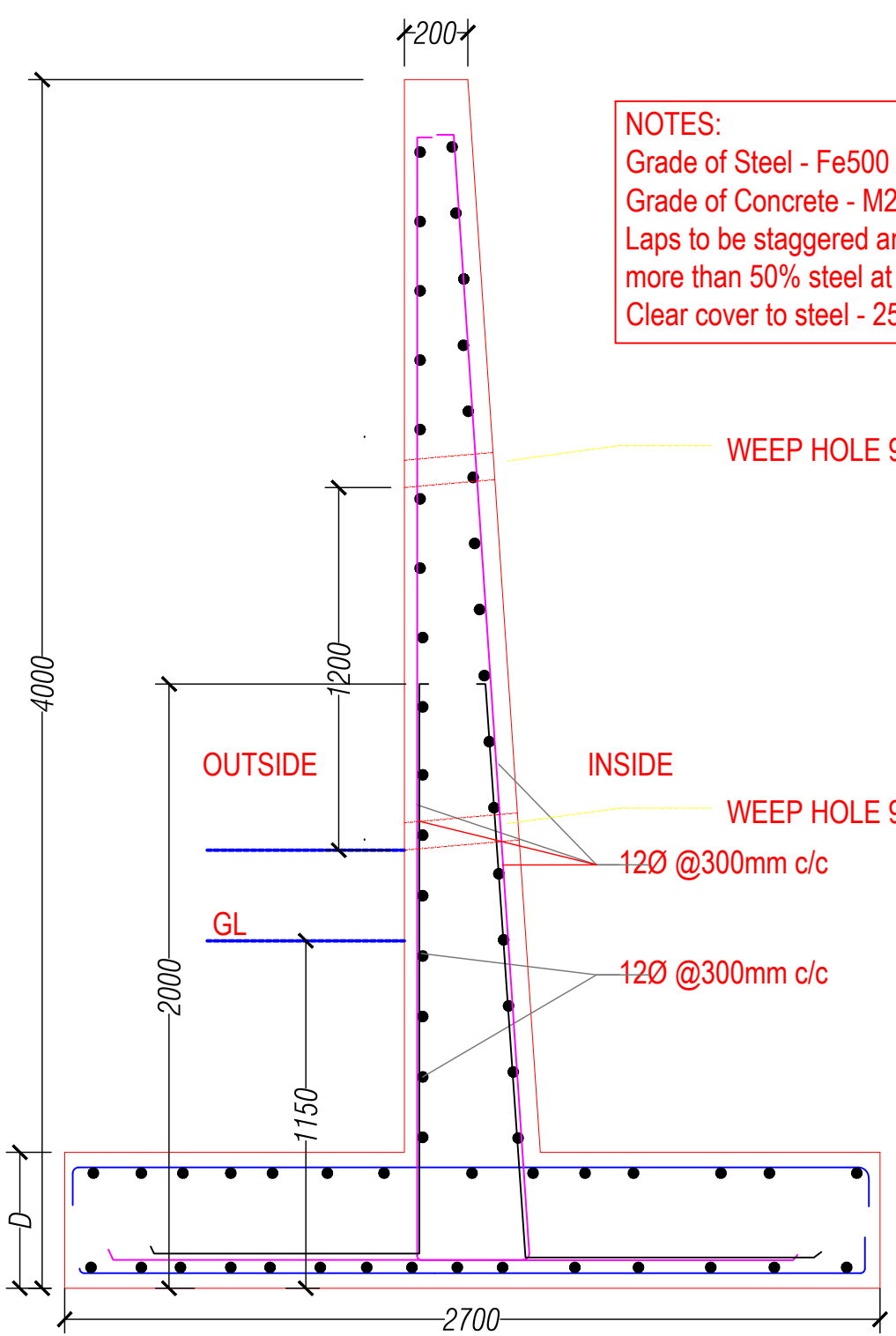
REVISION SUFFIX	NORTH
□ □ □ □ □	

GENERAL NOTE:

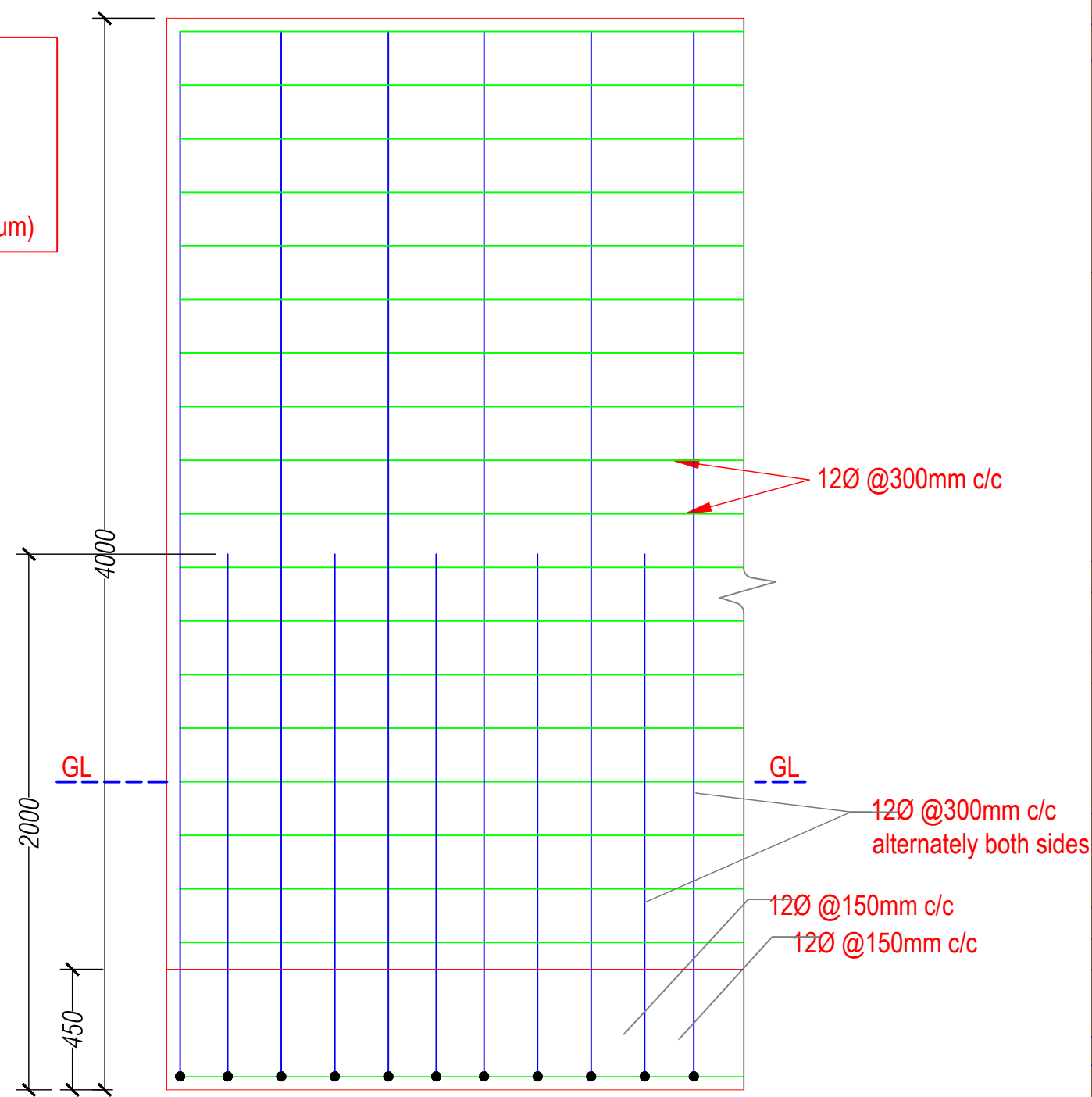
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NOTES:
 Grade of Steel - Fe500 bars
 Grade of Concrete - M20
 Laps to be staggered and not more than 50% steel at a section
 Clear cover to steel - 25mm (minimum)



RCC wall at section B-B



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 THIMPHU: BHUTAN

PROJECT:
 TITLE: FUEL RETAIL OUTLET
 LOCATION: TRI-JUNCTION, CHUKHA
 OWNER: STCBL
 PLOT ID: -
 THARM NO: -
 FLOORS: G+1 STRUCTURE

REMARKS



OWNER SIGNATURE

DESIGNED BY:
 SUGAN PRADHAN
 (GENERAL MANAGER, PETROLEUM
 DIVISION)
 CIVIL ENGINEER
 STCBL, THIMPHU

DRAWING TITLE:

STRUCTURAL DRAWING
 YARD LIGHT

DATE: JULY 2020

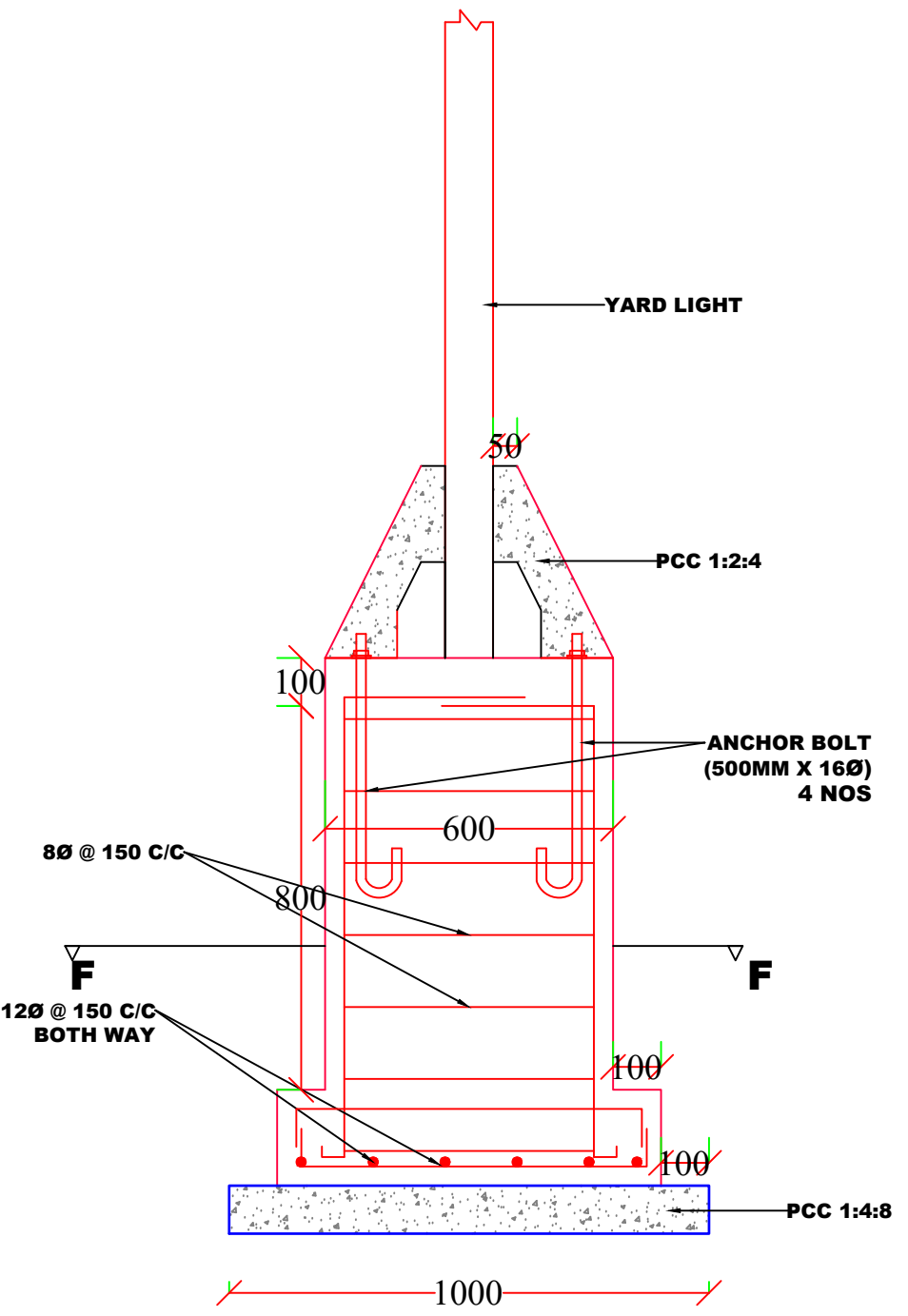
SCALE: NTS

DRAWING
 SHEET NO : ST/26

REVISION SUFFIX	NORTH
□ □ □ □ □	

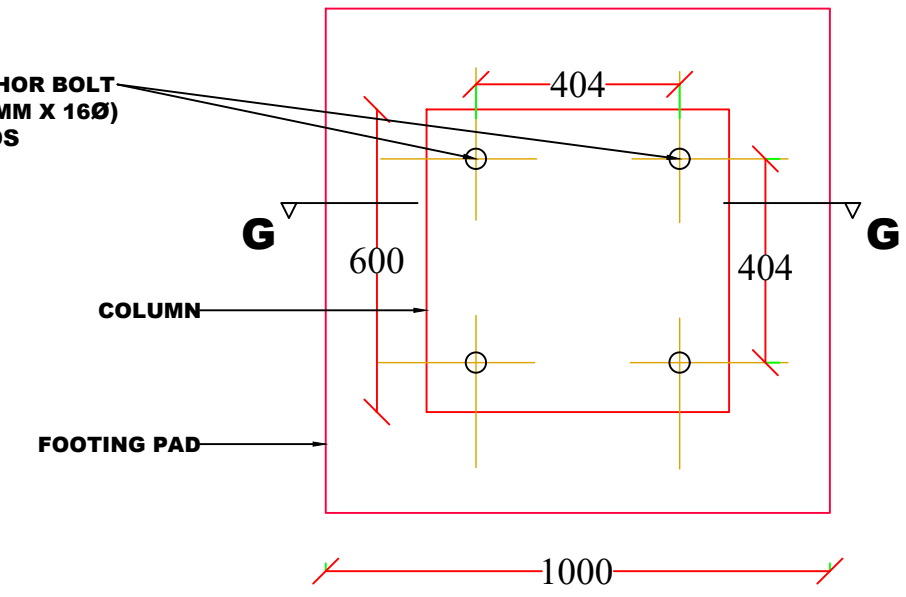
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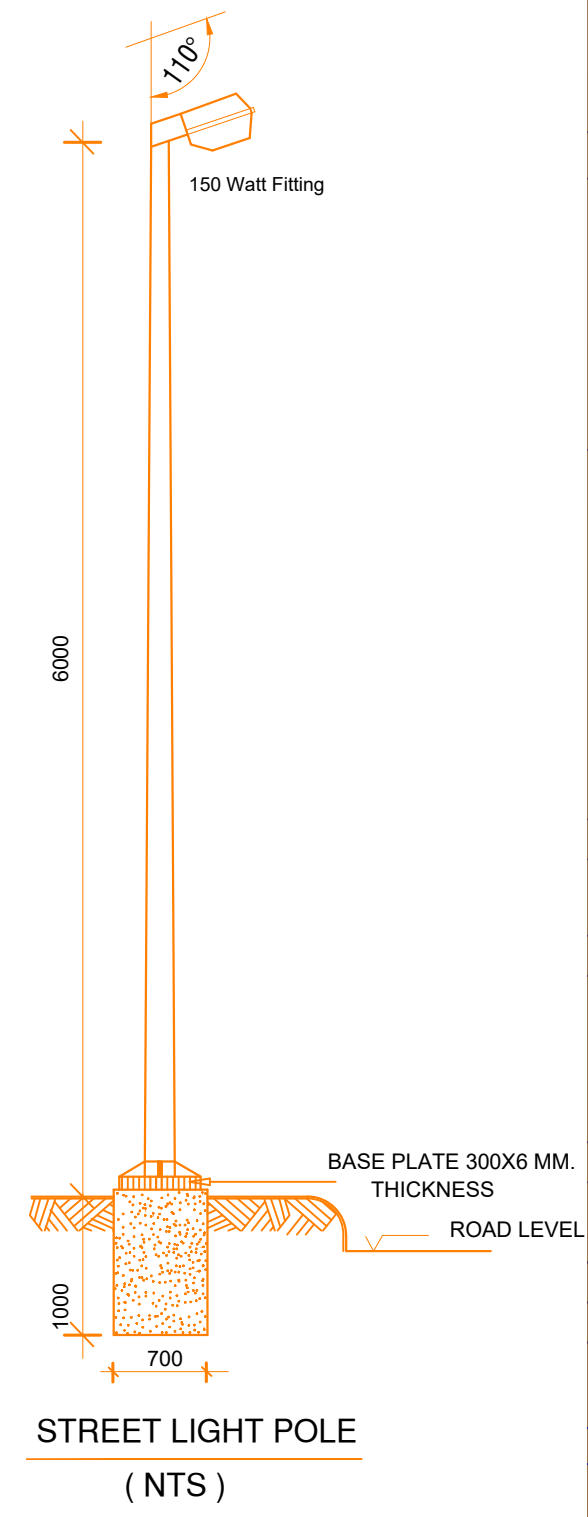


SECTION G-G

**YARD LIGHT
 FOUNDATION**



**COLUMN
 SECTION F-F**



STREET LIGHT POLE
 (NTS)

PROJECT:	
TITLE:	FUEL RETAIL OUTLET
LOCATION:	TRI-JUNCTION, CHUKHA
OWNER:	STCBL
PLOT ID:	-
THARM NO:	-
FLOORS:	G+1 STRUCTURE

REMARKS



OWNER SIGNATURE

DESIGNED BY:
 SUGAN PRADHAN
 (GENERAL MANAGER, PETROLEUM
 DIVISION)
 CIVIL ENGINEER
 STCBL, THIMPHU

DRAWING TITLE:
 STRUCTURAL DRAWING
 PYLON FOUNDATION DETAILS

DATE: JULY 2020

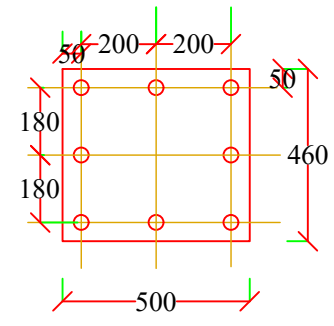
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DRAWING SHEET NO : ST/27

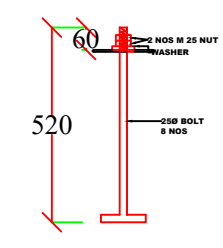
REVISION SUFFIX	NORTH
□ □ □ □ □	

GENERAL NOTE:

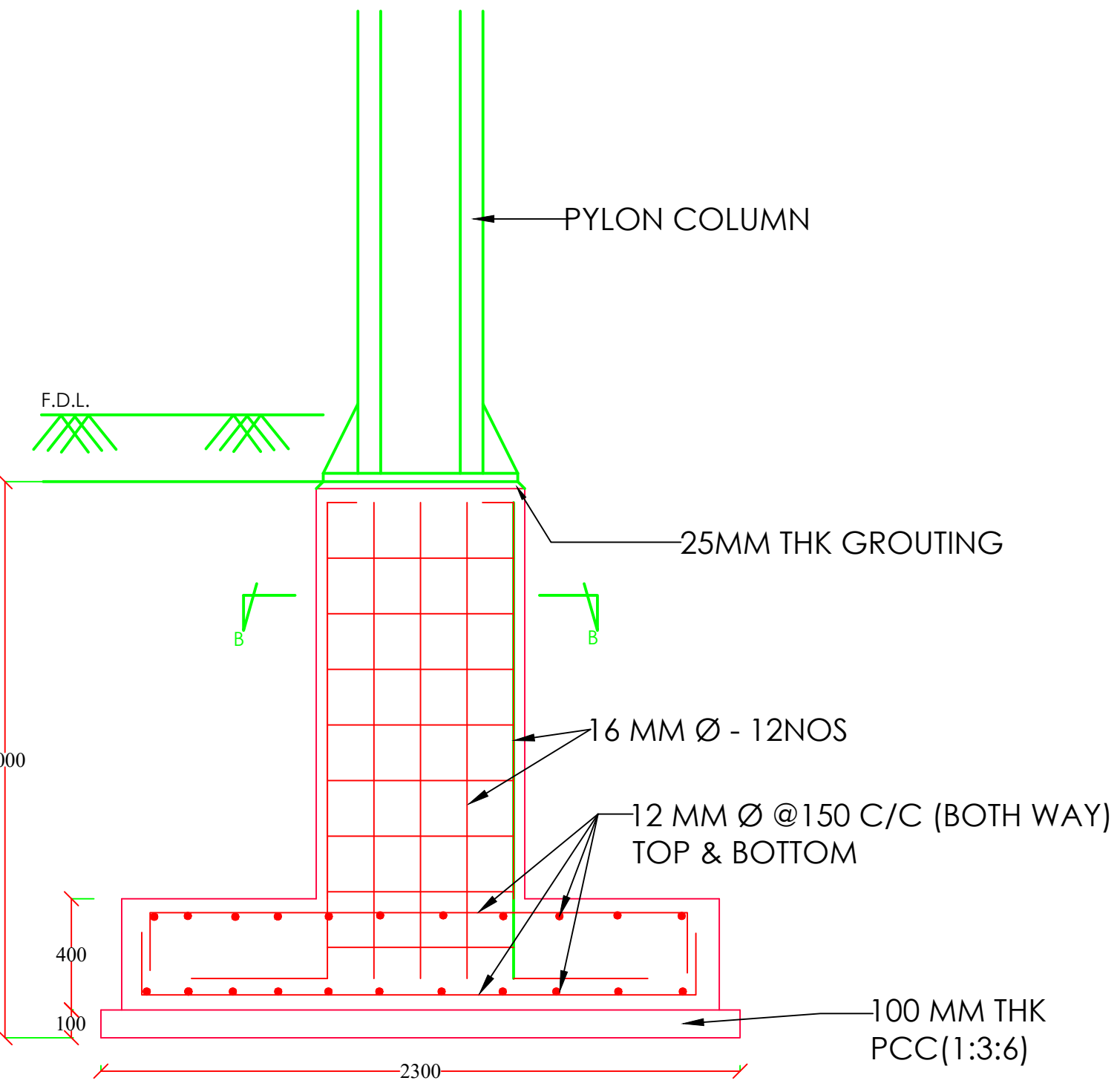
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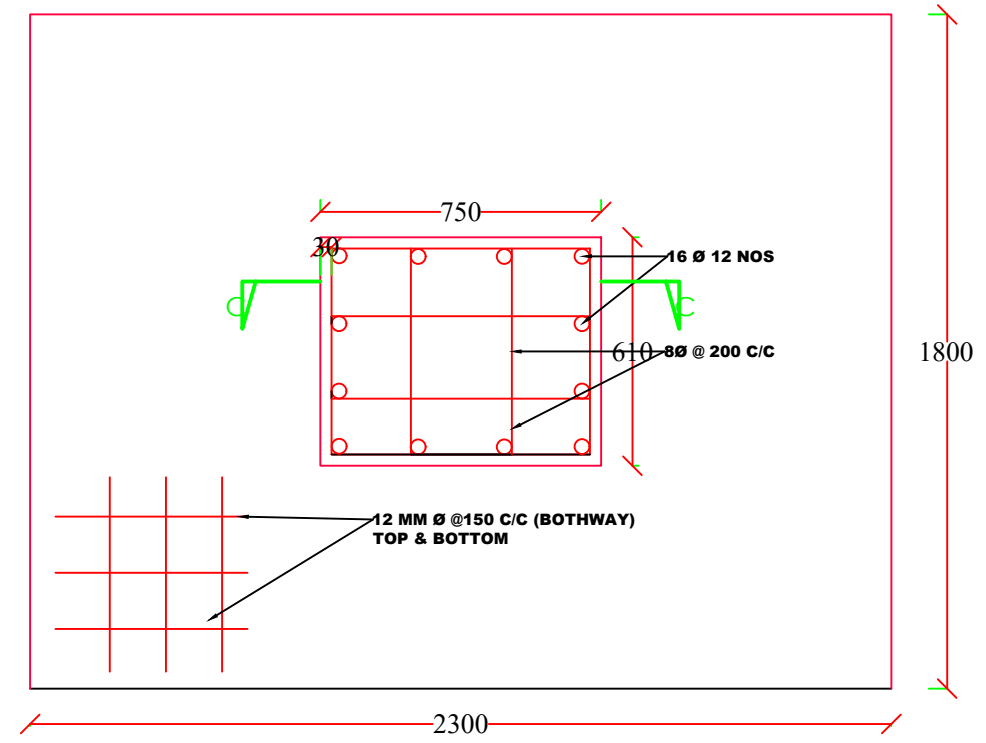
BASE PLATE



ANCHOR BOLT



SECTION C-C



SECTION B-B

PYLON FOUNDATION

FARMER'S SHED DRAWINGS

**LOCATION: DAMCHU-CHUKHA BYPASS ROAD
(TRI-JUNCTION), BJABCHHOG GEWOG,
CHUKHA DZONGKHAG.**

**OWNER: STATE TRADING CORPORATION OF
BHUTAN LTD. THIMPHU**

OFFICE: FLAT NO 8,GONGDZIN LAM
ABOVE 8/11 CONVENIENT STORE
NEXT TO THIMPHU THROMDE BUILDING
THIMPHU:BHUTAN

PROJECT:

TITLE: FUEL RETAIL OUTLET
LOCATION: TRI-JUNCTION, CHUKHA
OWNER: STCBL
PLOT ID: -
THARM NO: -
FLOORS: G+1 STRUCTURE

REMARKS



OWNER SIGNATURE

DESIGNED BY:

SUGAN PRADHAN
(GENERAL MANAGER, PETROLEUM
DIVISION)
CIVIL ENGINEER
STCBL, THIMPHU

DRAWING TITLE:

STRUCTURAL DRAWING

DATE: JULY 2020

SCALE: NTS

DRAWING

SHEET NO : ST/00

REVISION SUFFIX

NORTH



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 THIMPHU:BHUTAN

PROJECT:
 TITLE: FUEL RETAIL OUTLET
 LOCATION: TRI-JUNCTION, CHUKHA
 OWNER: STCBL
 PLOT ID: -
 THARM NO: -
 FLOORS: G+1 STRUCTURE

REMARKS



OWNER SIGNATURE

DESIGNED BY:
 ANIZ PRADHAN
 BA-126(P)
 CHIEF ARCHITECT
 GREEN DESIGN STUDIO

DRAWING TITLE:
 FARMER SHED

DATE: JULY 2020

SCALE: NTS

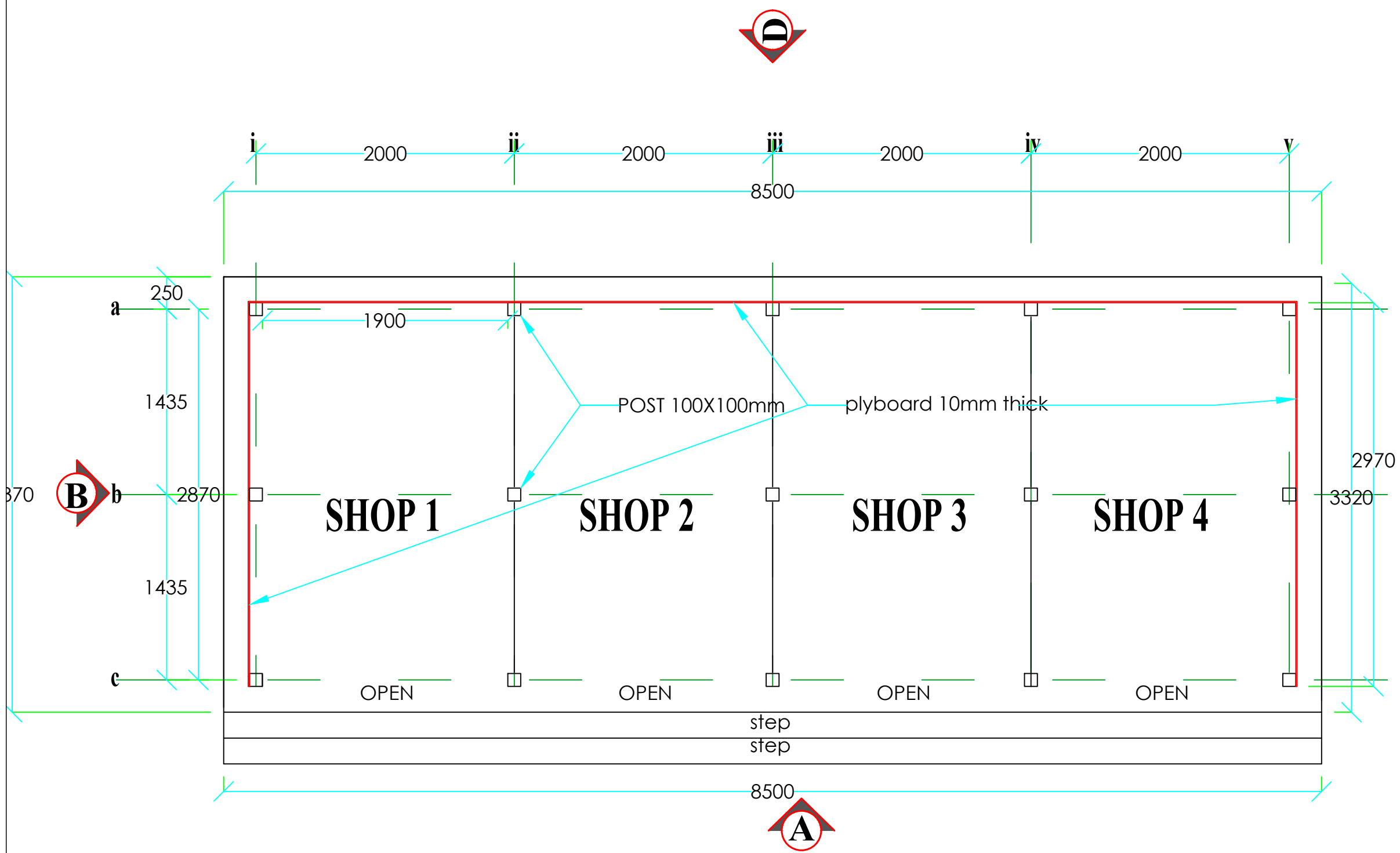
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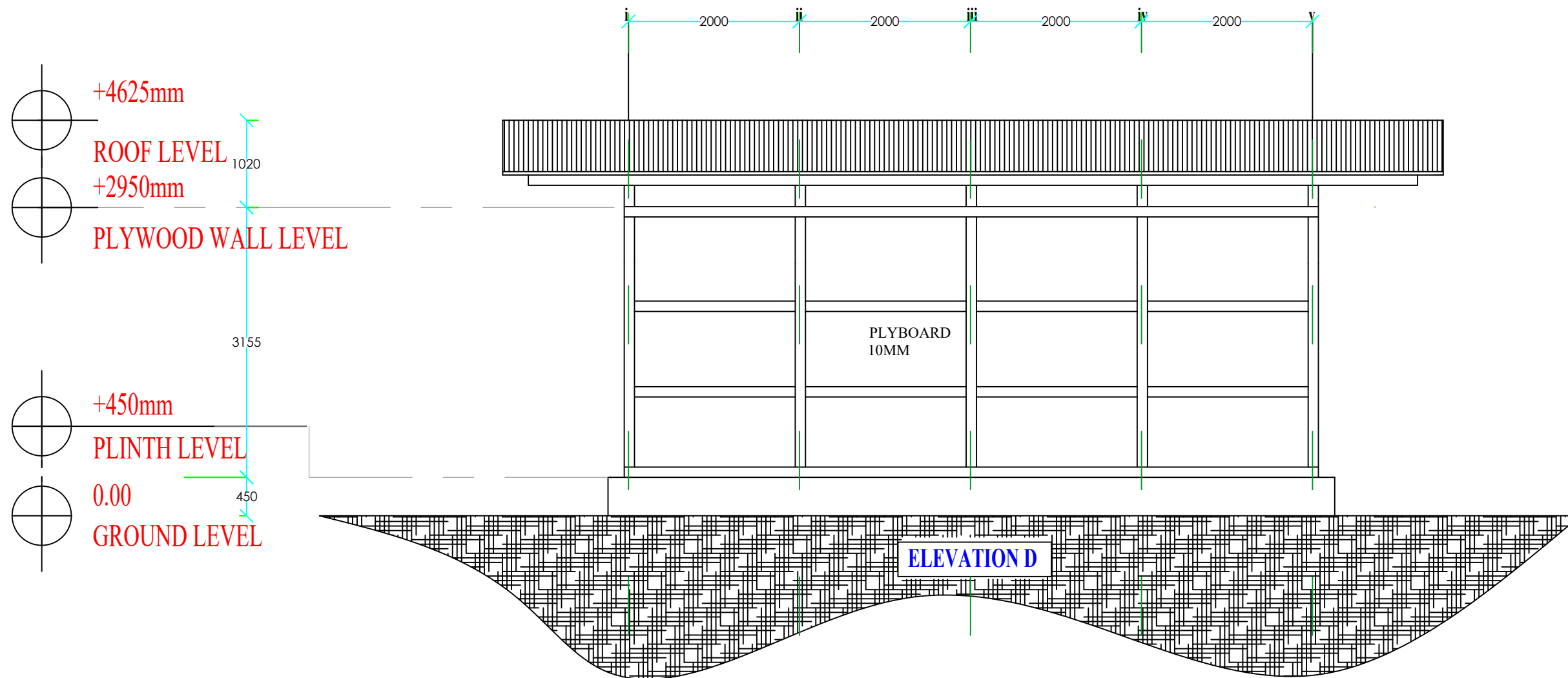
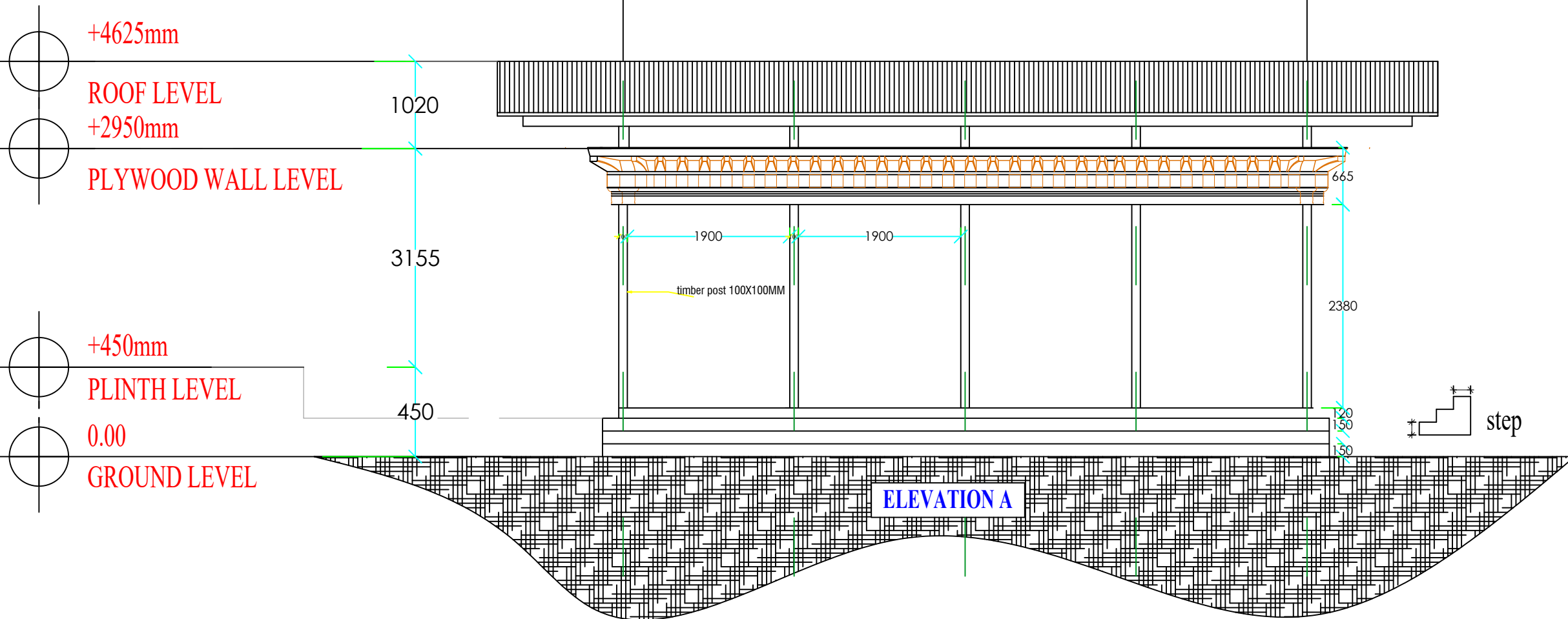
SHEET NO : AR/FS/01

REVISION SUFFIX	NORTH
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 THIMPHU: BHUTAN

PROJECT:

TITLE: FUEL RETAIL OUTLET
 LOCATION: TRI-JUNCTION, CHUKHA
 OWNER: STCBL
 PLOT ID: -
 THARM NO: -
 FLOORS: G+1 STRUCTURE

REMARKS



OWNER SIGNATURE

DESIGNED BY:

ANIZ PRADHAN
 BA-126(P)
 CHIEF ARCHITECT
 GREEN DESIGN STUDIO

DRAWING TITLE:

FARMER SHED

DATE: JULY 2020

SCALE: NTS

DRAWING : ARCHITECTURAL

SHEET NO : AR/FS/02

REVISION SUFFIX

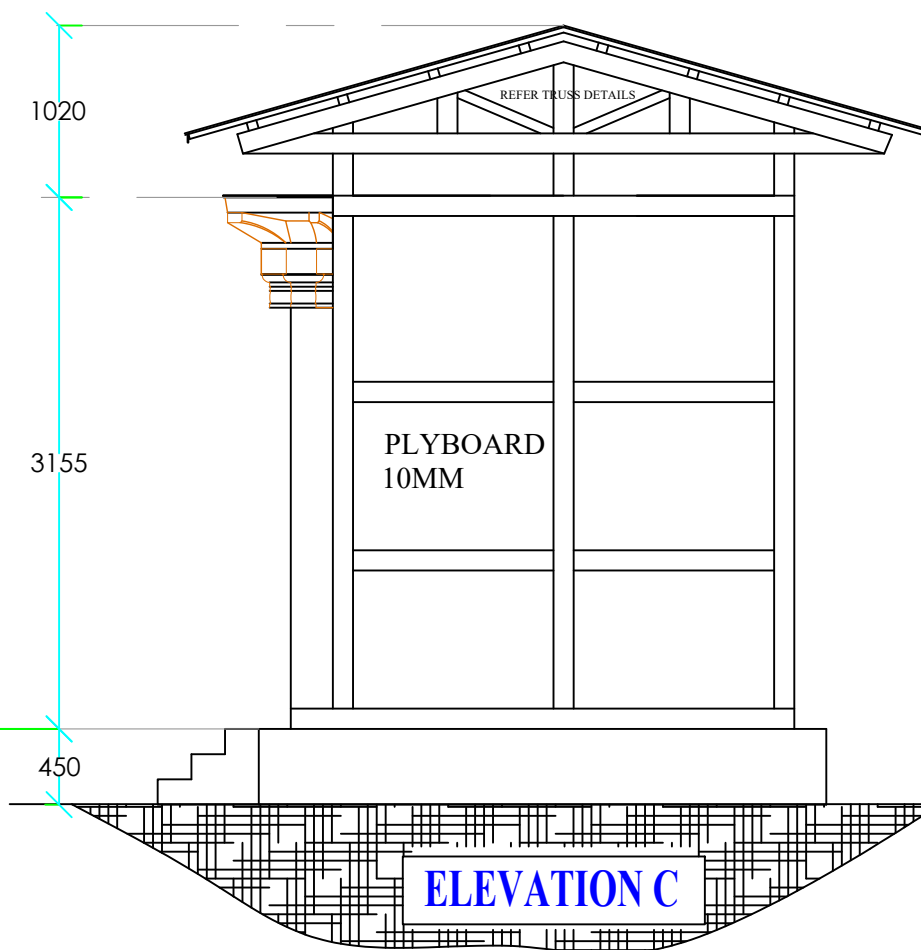
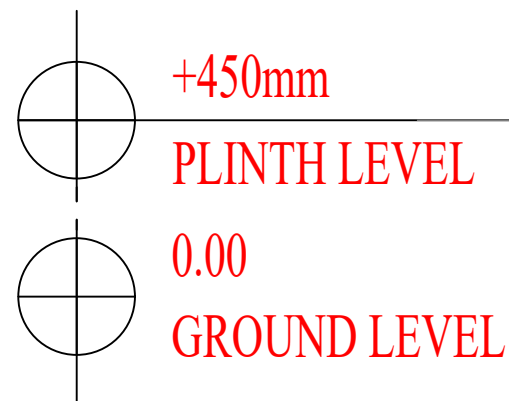
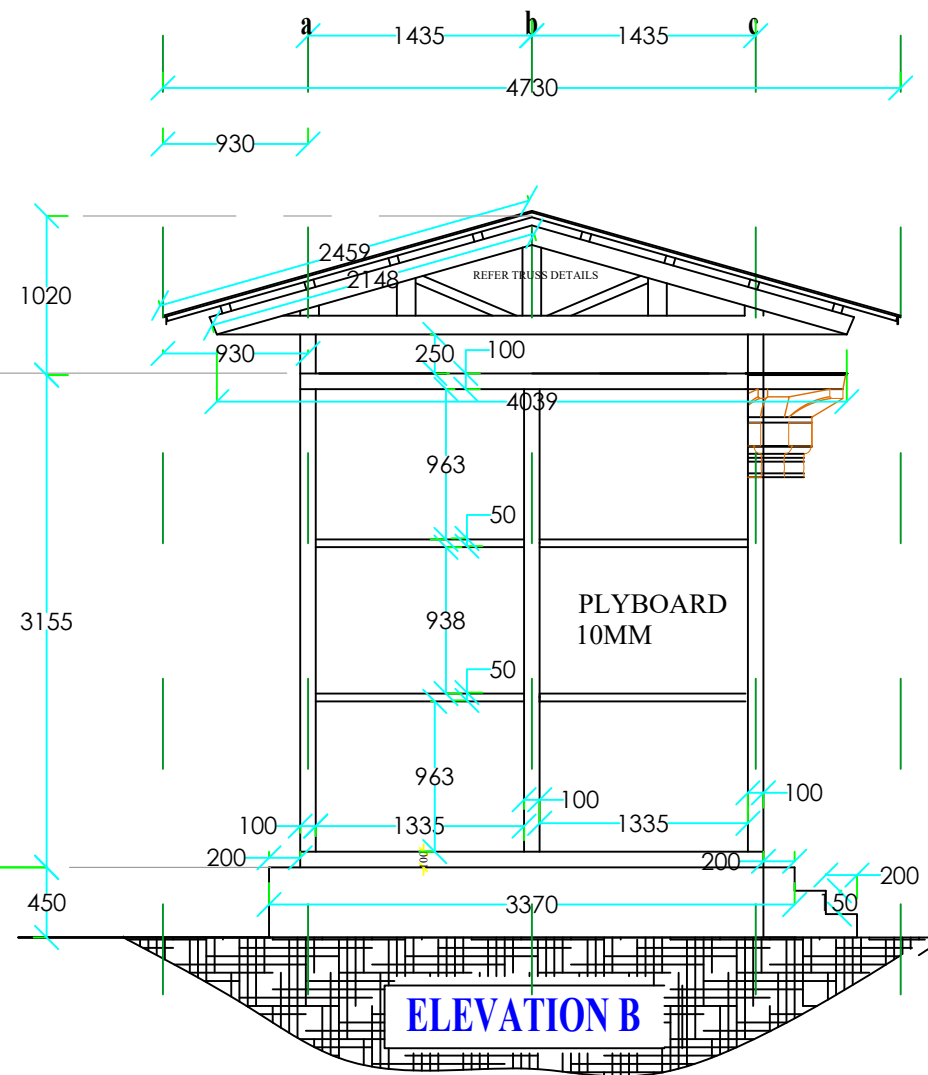
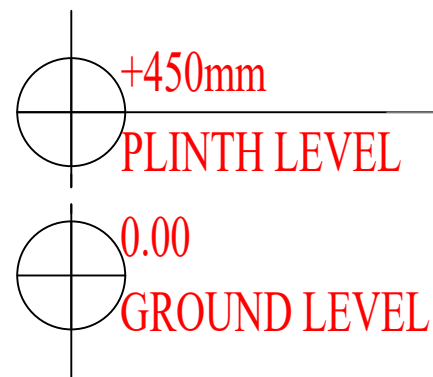
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NORTH



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 THIMPHU: BHUTAN

PROJECT:

TITLE: FUEL RETAIL OUTLET
 LOCATION: TRI-JUNCTION, CHUKHA
 OWNER: STCBL
 PLOT ID: -
 THARM NO: -
 FLOORS: G+1 STRUCTURE

REMARKS



OWNER SIGNATURE

DESIGNED BY:

ANIZ PRADHAN
 BA-126(P)
 CHIEF ARCHITECT
 GREEN DESIGN STUDIO

DRAWING TITLE:

FARMER SHED

DATE: JULY 2020

SCALE: NTS

DRAWING : ARCHITECTURAL

SHEET NO : AR/FS/03

REVISION SUFFIX

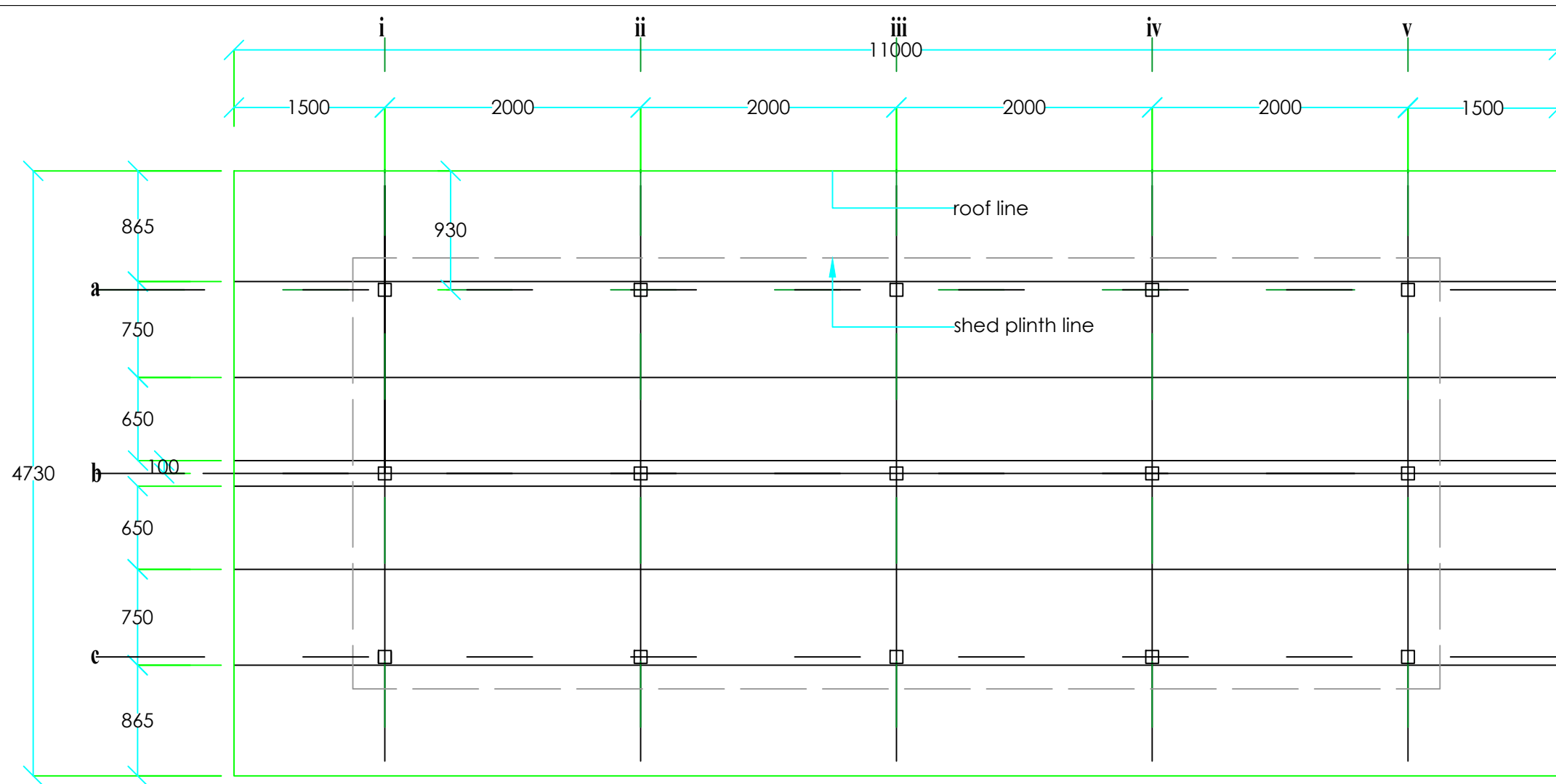
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NORTH



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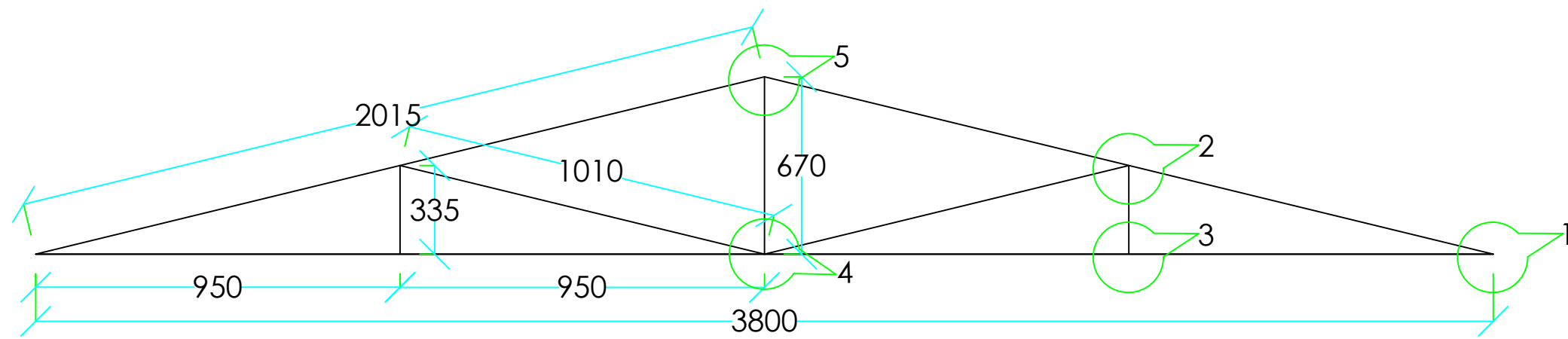
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 NEXT TO THIMPHU THROMDE BUILDING
 THIMPHU: BHUTAN

PROJECT:
 TITLE: FUEL RETAIL OUTLET
 LOCATION: TRI-JUNCTION, CHUKHA
 OWNER: STCBL
 PLOT ID: -
 THARM NO: -
 FLOORS: G+1 STRUCTURE

REMARKS

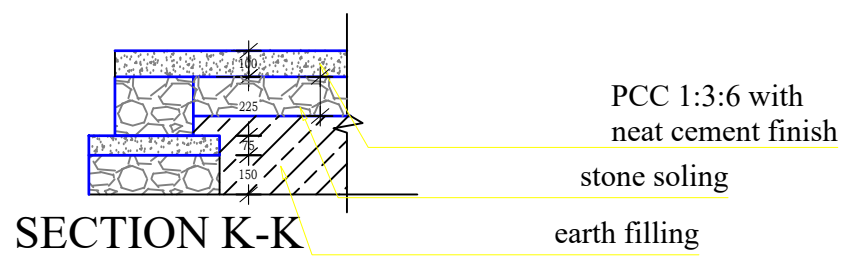


TYPICAL TRUSS DETAILS



SCHEDULE OF TRUSS MEMBERS

MEMBER	SIZE
Bottom Chord/Tie	75X100MM (3"X4")
Rafter	75X50MM (3"X2")
Post	75X100MM (3"X4")
Inclined Strut	75X100MM (3"X4")
Vertical strut	75X100MM (3"X4")
purlin	75X50MM (3"X2") AT 75MM C/C SPACING



OWNER SIGNATURE

DESIGNED BY:
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 CHIEF ARCHITECT
 GREEN DESIGN STUDIO

DRAWING TITLE:
 FARMER SHED

DATE: JULY 2020

SCALE: NTS

DRAWING : ARCHITECTURAL

SHEET NO : AR/FS/04

REVISION SUFFIX	NORTH
□ □ □ □ □	

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TRUSS

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 NEXT TO THIMPHU THROMDE BUILDING
 THIMPHU: BHUTAN

PROJECT:
 TITLE: FUEL RETAIL OUTLET
 LOCATION: TRI-JUNCTION, CHUKHA
 OWNER: STCBL
 PLOT ID: -
 THARM NO: -
 FLOORS: G+1 STRUCTURE

REMARKS



OWNER SIGNATURE

DESIGNED BY:
 ANIZ PRADHAN
 BA-126(P)
 CHIEF ARCHITECT
 GREEN DESIGN STUDIO

DRAWING TITLE:
 FARMER SHED

DATE: JULY 2020

SCALE: NTS

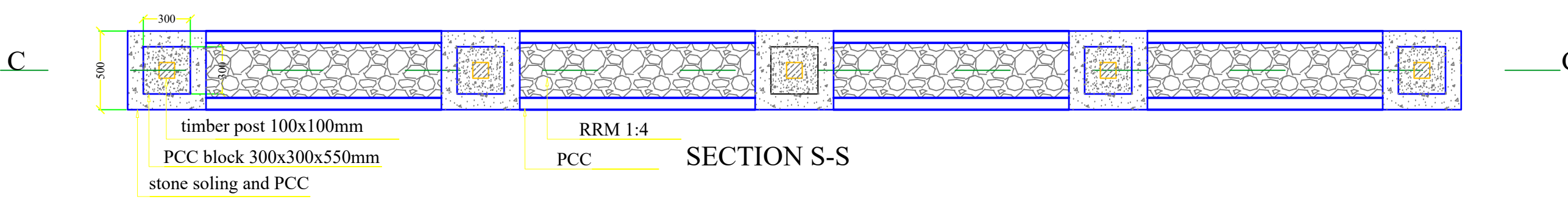
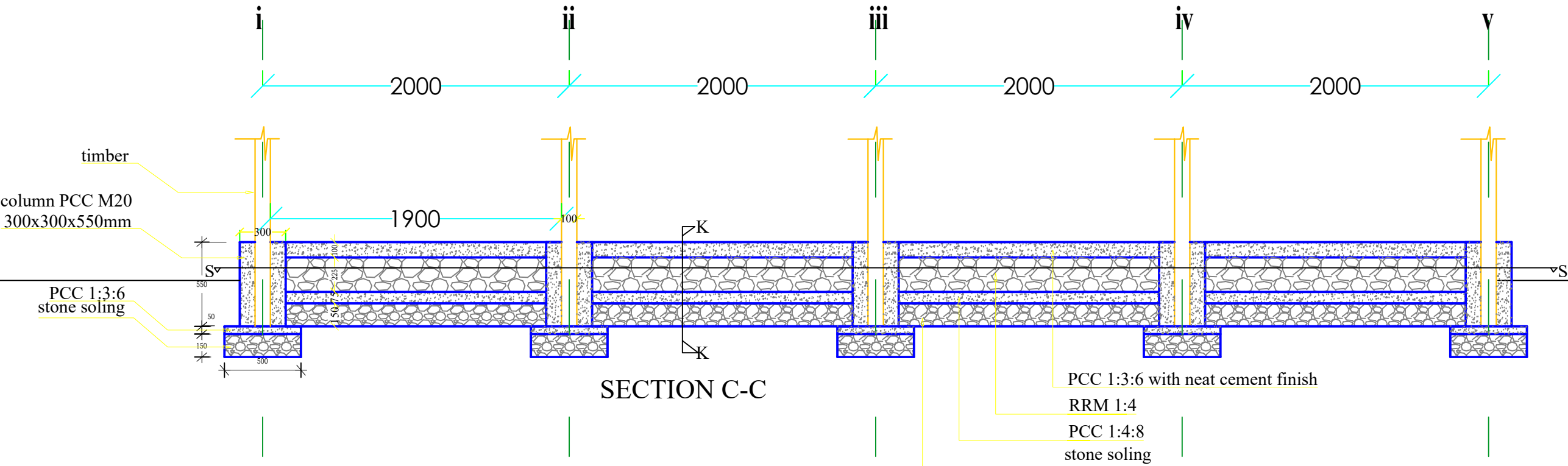
DRAWING : ARCHITECTURAL

SHEET NO : AR/FS/05

REVISION SUFFIX	NORTH
□ □ □ □ □	

GENERAL NOTE:

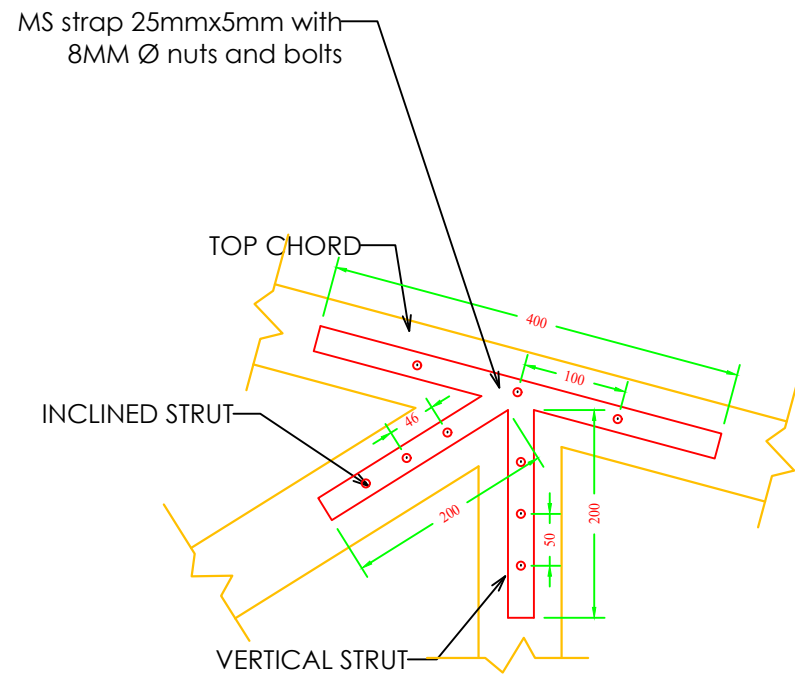
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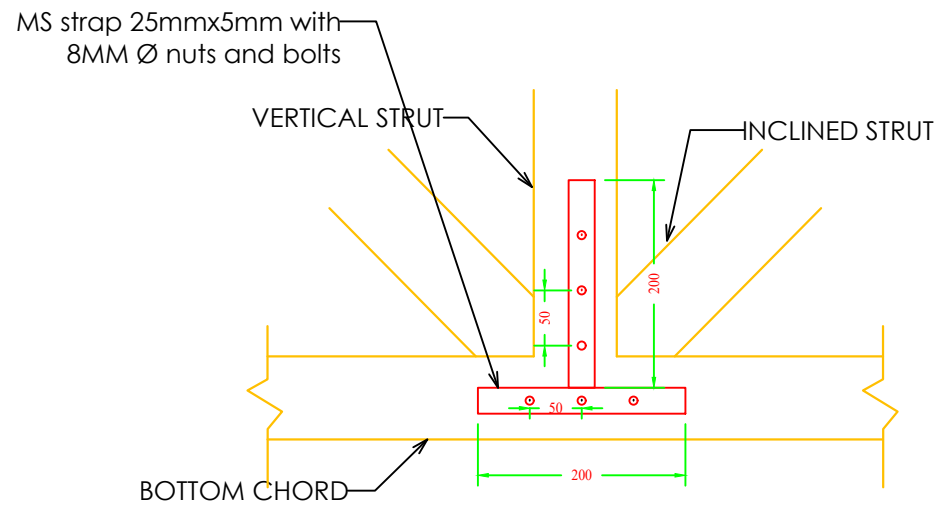
SECTION C-C

SECTION S-S

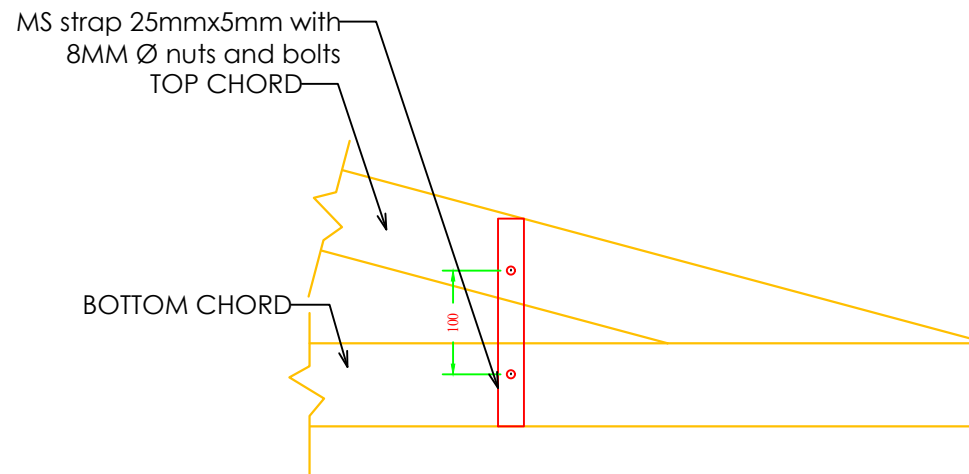
TRUSS CONNECTION DETAILS



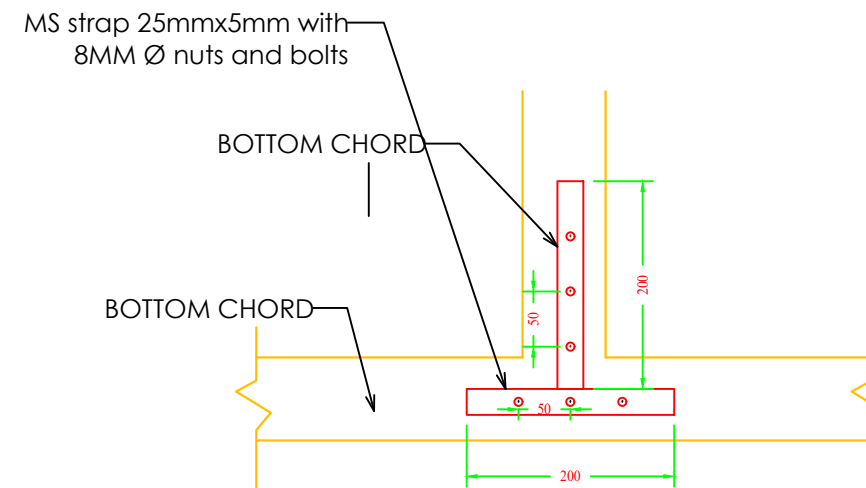
DETAIL 2



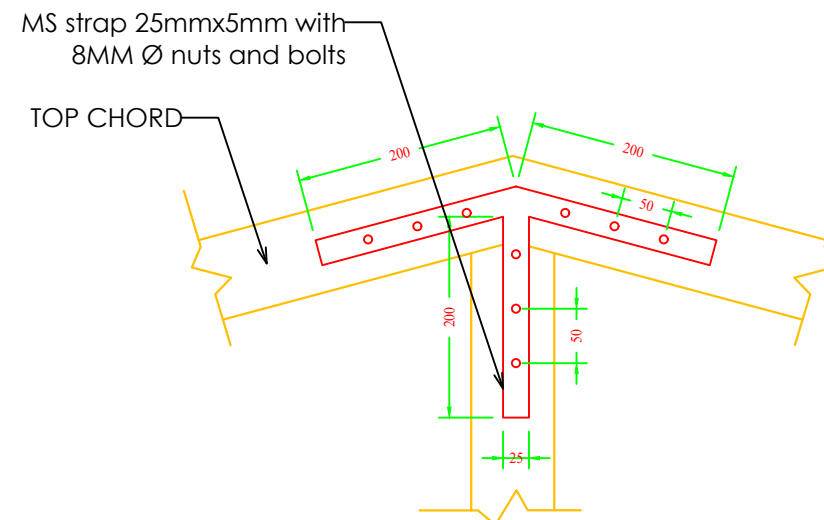
DETAIL 4



DETAIL 1



DETAIL 3



DETAIL 5

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 THIMPHU: BHUTAN

PROJECT:

TITLE: FUEL RETAIL OUTLET
 LOCATION: TRI-JUNCTION, CHUKHA
 OWNER: STCBL
 PLOT ID: -
 THARM NO: -
 FLOORS: G+1 STRUCTURE

REMARKS



OWNER SIGNATURE

DESIGNED BY:

ANIZ PRADHAN
 BA-126(P)
 CHIEF ARCHITECT
 GREEN DESIGN STUDIO

DRAWING TITLE:

FARMER SHED

DATE: JULY 2020

SCALE: NTS

DRAWING : ARCHITECTURAL

SHEET NO : AR/FS/06

REVISION SUFFIX

□ □ □ □ □

NORTH



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SEWERAGE DRAWINGS FOR PROPOSED FUEL RETAIL OUTLET, G+1 STORIED SALES BUILDING AND OTHER STRUCTURES.

LOCATION: DAMCHU-CHUKHA BYPASS ROAD (TRI-JUNCTION), BJABCHHOG GEWOG, CHUKHA DZONGKHAG.

OWNER: STATE TRADING CORPORATION OF BHUTAN LTD. THIMPHU

OFFICE: FLAT NO 8,GONGDZIN LAM
ABOVE 8/11 CONVENIENT STORE
NEXT TO THIMPHU THROMDE BUILDING
THIMPHU:BHUTAN

PROJECT:

TITLE: FUEL RETAIL OUTLET
LOCATION: TRI-JUNCTION, CHUKHA
OWNER: STCBL
PLOT ID: -
THARM NO: -
FLOORS: G+1 STRUCTURE

REMARKS



OWNER SIGNATURE

DESIGNED BY:

SUGAN PRADHAN
(GENERAL MANAGER, PETROLEUM
DIVISION)
CIVIL ENGINEER
STCBL, THIMPHU

DRAWING TITLE:

STRUCTURAL DRAWING

DATE: JULY 2020

SCALE: NTS

DRAWING

SHEET NO : ST/00

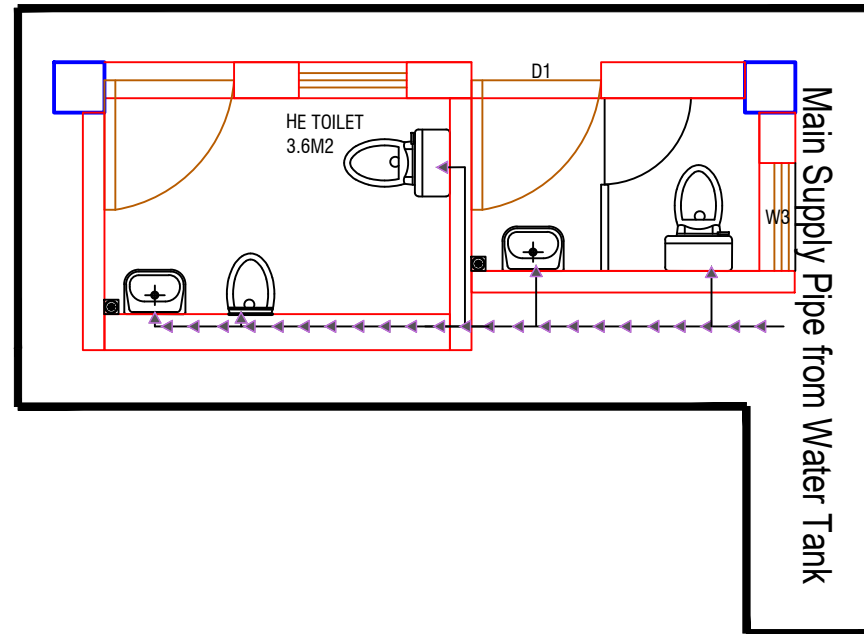
REVISION SUFFIX

NORTH



GENERAL NOTE:

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- ALL DIMENSIONS MEASURE UNFINISHED SURFACES UNLESS SPECIFIED OTHERWISE.
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LEGEND

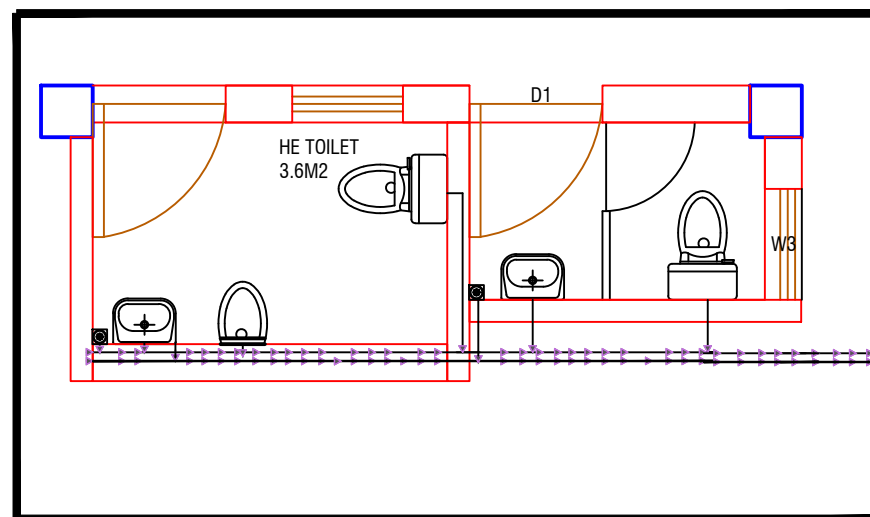
- Main Supply Pipe from Water Tank (32mm dia)
- Distribution Pipe (20mm dia)

Notes for plumbing:

1. Pipes shall be GI, medium duty.
3. Provide separate connections for GF & FF
4. All inlets shall be controlled with gate valve as shown in site plan
5. Pressure testing shall be done before concealing the pipes

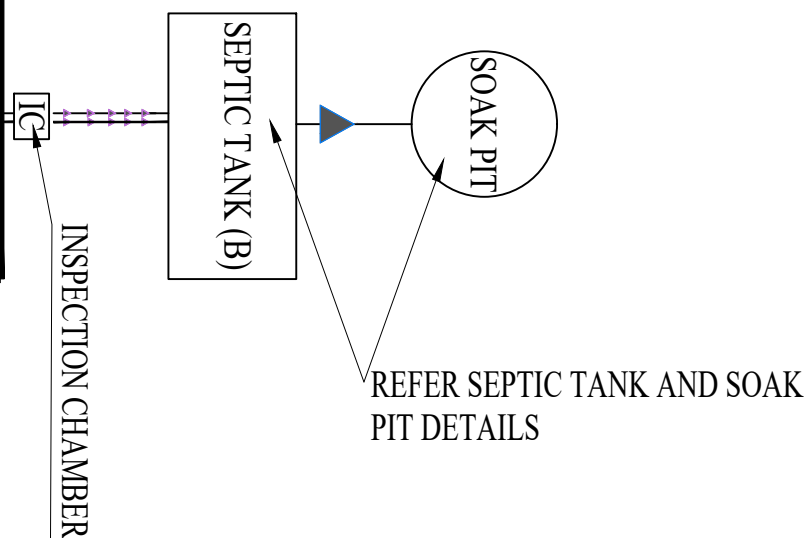
LEGEND

- 1 WATER CLOSET
- 2 WASH BASIN
- 3 BIB COCK
- 4 FLOOR TRAP
- 5 MIRROR
- 6 TOILET PAPER HOLDER
- 7 SOAP DISH



LEGEND

- 90 MM DIA. WASTE PIPE
- 110 MM DIA. SOIL PIPE



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OFFICE: FLAT NO 8, GONGDZIN LAM
 ABOVE 8/11 CONVENIENT STORE
 NEXT TO THIMPHU THROMDE BUILDING
 THIMPHU: BHUTAN

PROJECT:

TITLE: FUEL RETAIL OUTLET
 LOCATION: TRI-JUNCTION, CHUKHA
 OWNER: STCBL
 PLOT ID: -
 THARM NO: -
 FLOORS: G+1 STRUCTURE

REMARKS



OWNER SIGNATURE

DESIGNED BY:

ANIZ PRADHAN
 BA-126(P)
 CHIEF ARCHITECT
 GREEN DESIGN STUDIO

DRAWING TITLE:

SEWERAGE DRAWING
 WATER SUPPLY & SEWERAGE

DATE: JULY 2020

SCALE: 1:100

DRAWING : ARCHITECTURAL

SHEET NO : AR/01

REVISION SUFFIX

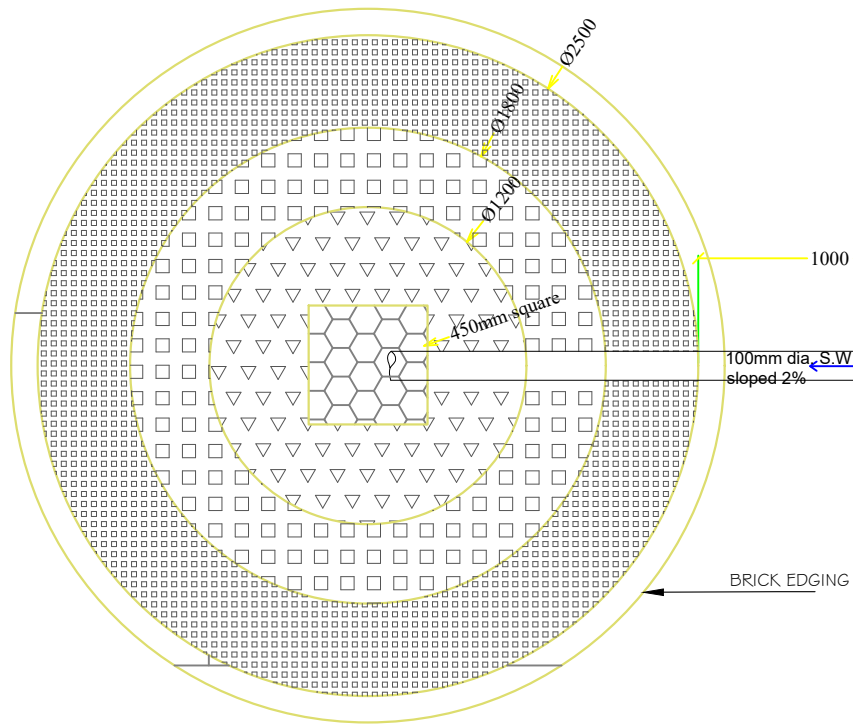
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NORTH

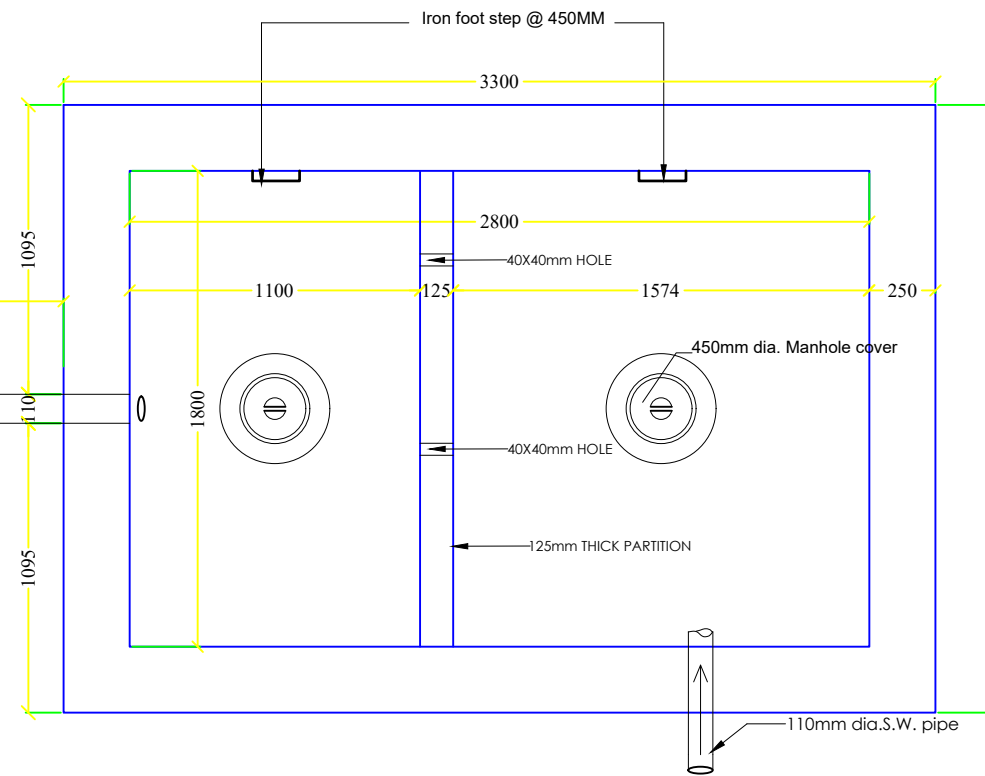


GENERAL NOTE:

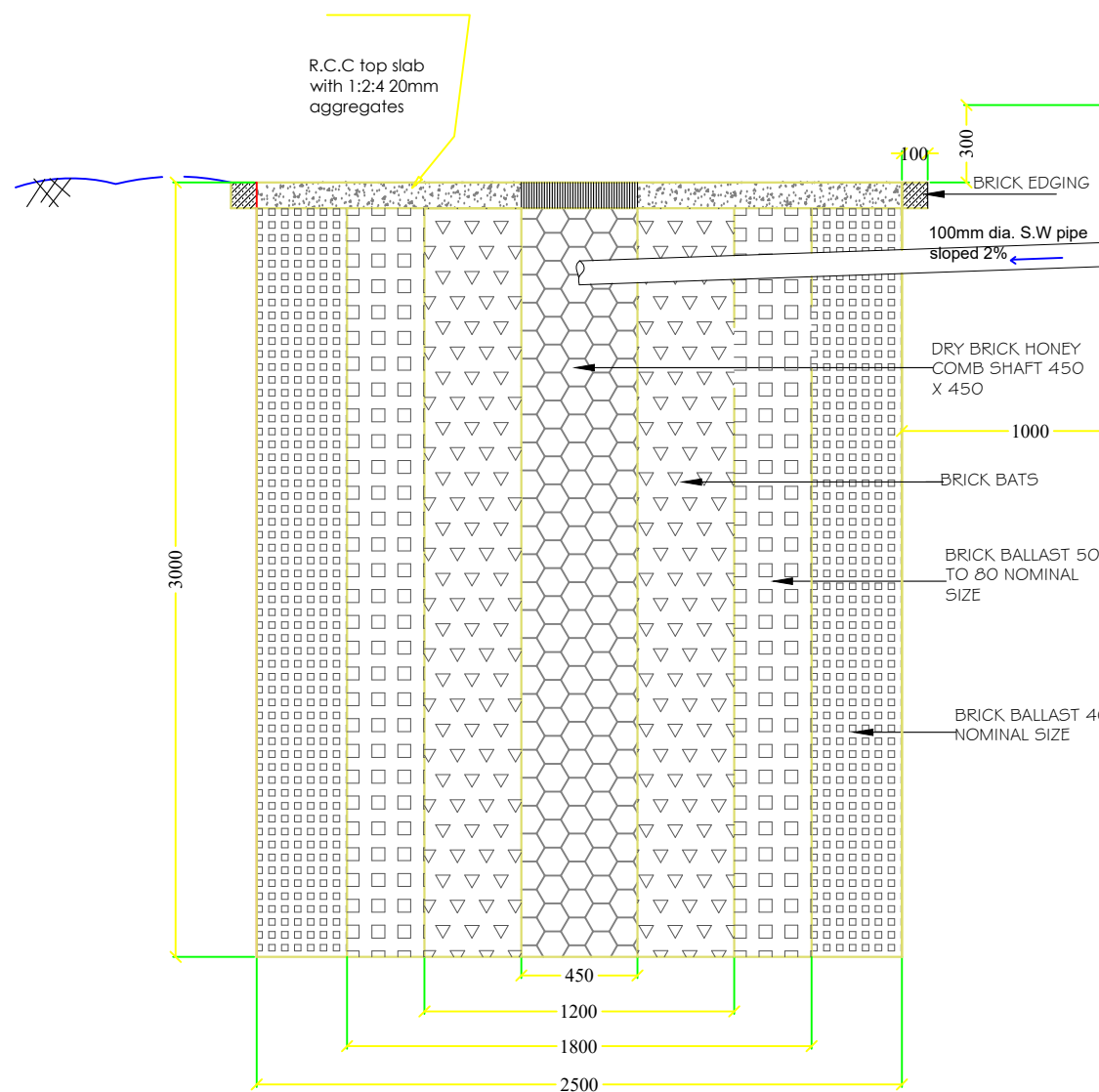
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SOAK PIT PLAN.

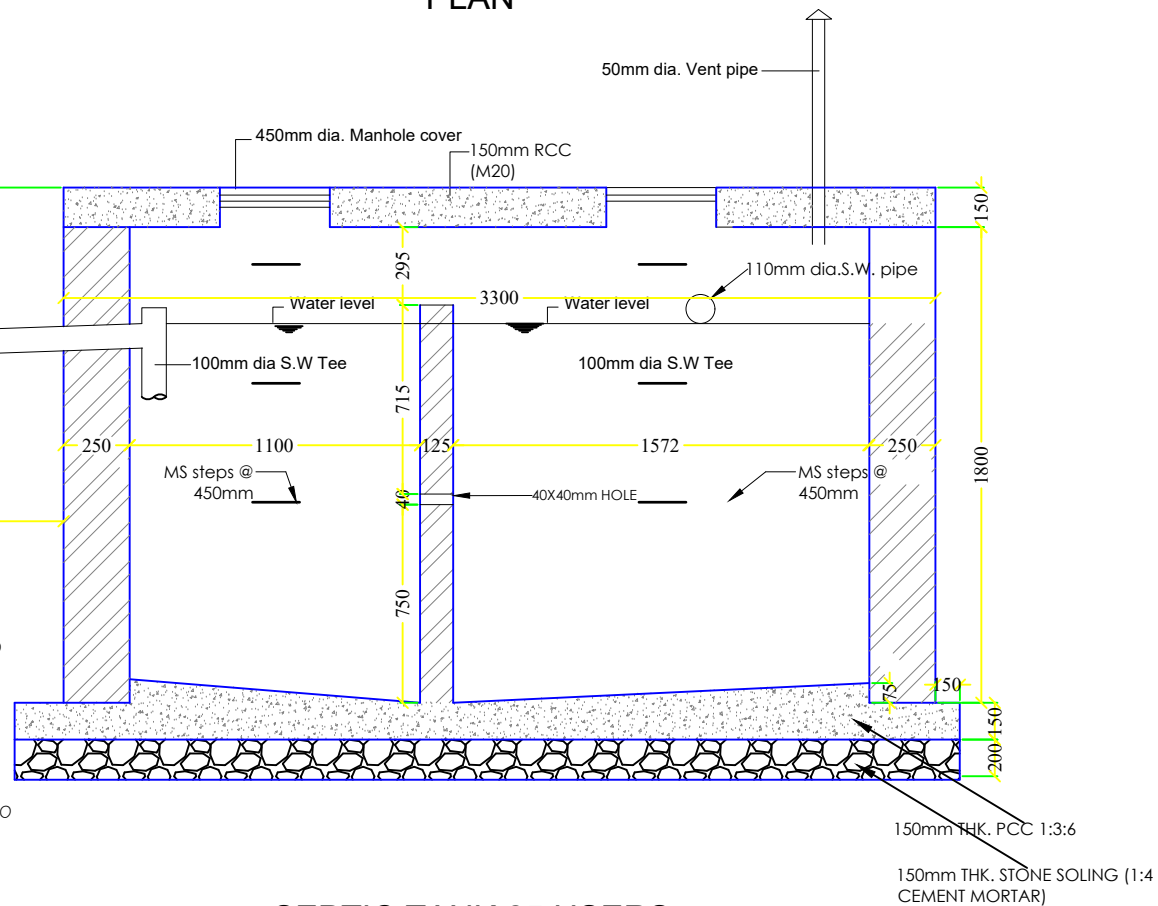


SEPTIC TANK 25 USERS PLAN



SECTION A-B

SOAK PIT



SEPTIC TANK 25 USERS Section at A-A.

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OFFICE: FLAT NO 8, GONGDZIN LAM
ABOVE 8/11 CONVENIENT STORE
NEXT TO THIMPHU THROMDE BUILDING
THIMPHU: BHUTAN

PROJECT:

TITLE: FUEL RETAIL OUTLET
LOCATION: TRI-JUNCTION, CHUKHA
OWNER: STCBL
PLOT ID: -
THARM NO: -
FLOORS: G+1 STRUCTURE

REMARKS



OWNER SIGNATURE

DESIGNED BY:

SUGAN PRADHAN
(GENERAL MANAGER, PETROLEUM
DIVISION)
CIVIL ENGINEER
STCBL, THIMPHU

DRAWING TITLE:

SEWERAGE DRAWING
SEPTIC TANK AND SOAK PIT

DATE: JULY 2020

SCALE: NTS

DRAWING

SHEET NO : SW/02

REVISION SUFFIX

□ □ □ □ □

NORTH



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