

SITTE LABORATORY

CLIENT: ROYAL GOVERNMENT OF BHUTAN



DESIGN CONSULTANT:



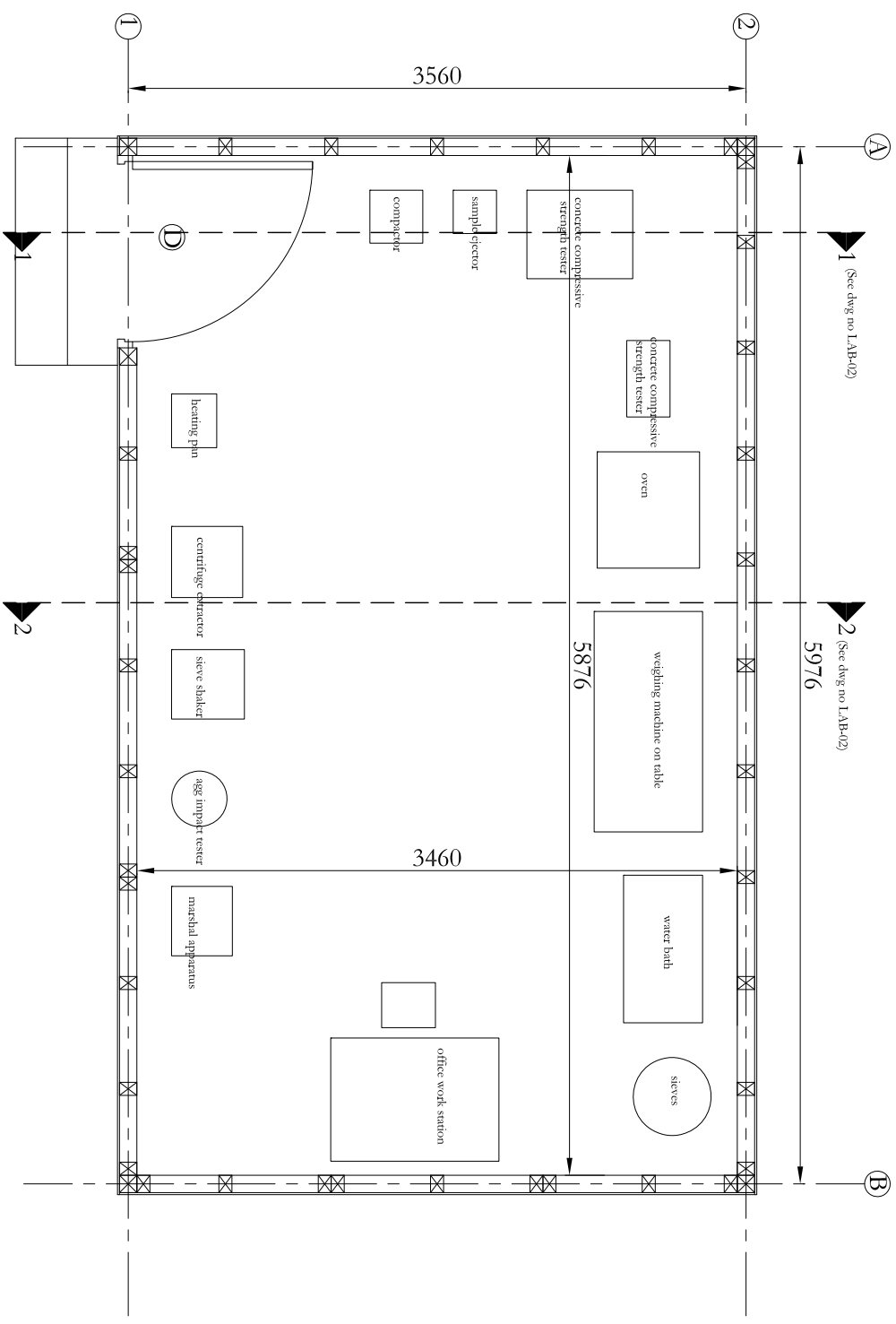
L&T Infra

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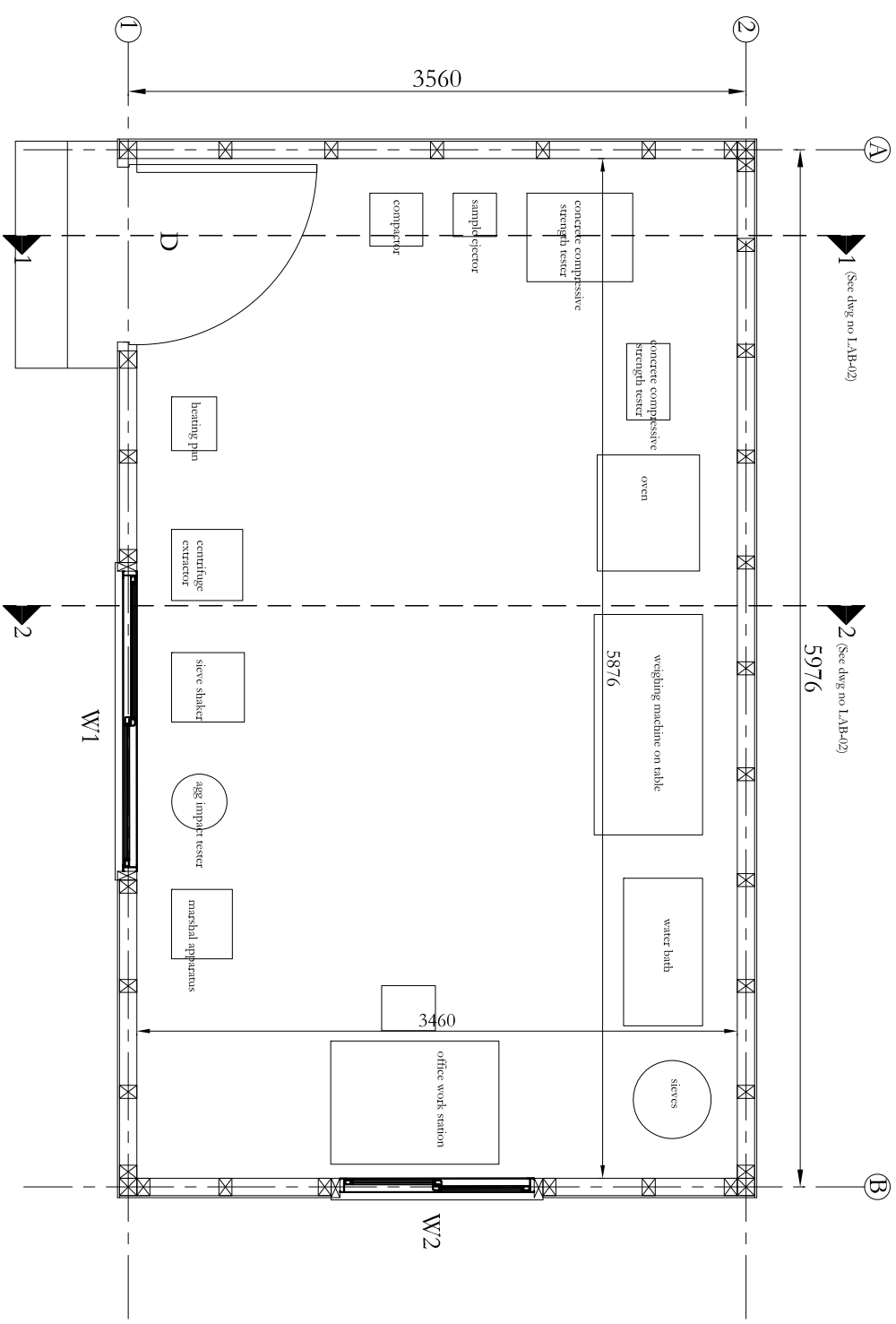
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FLOOR LAYOUT PLAN

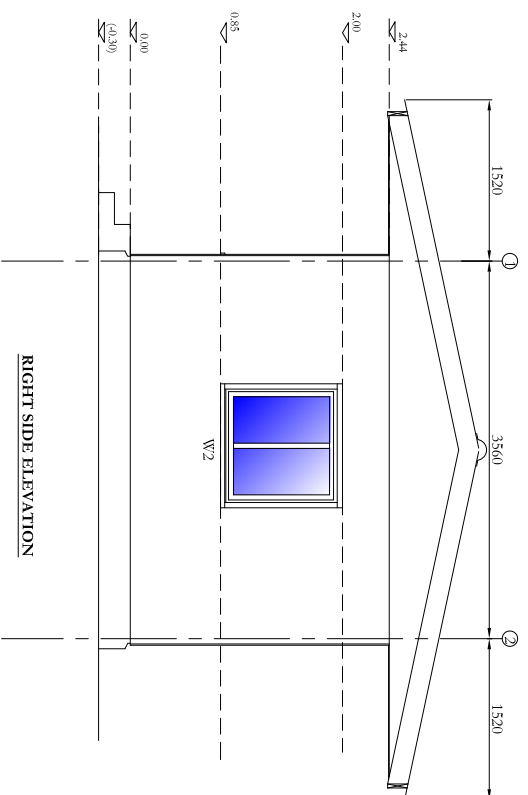
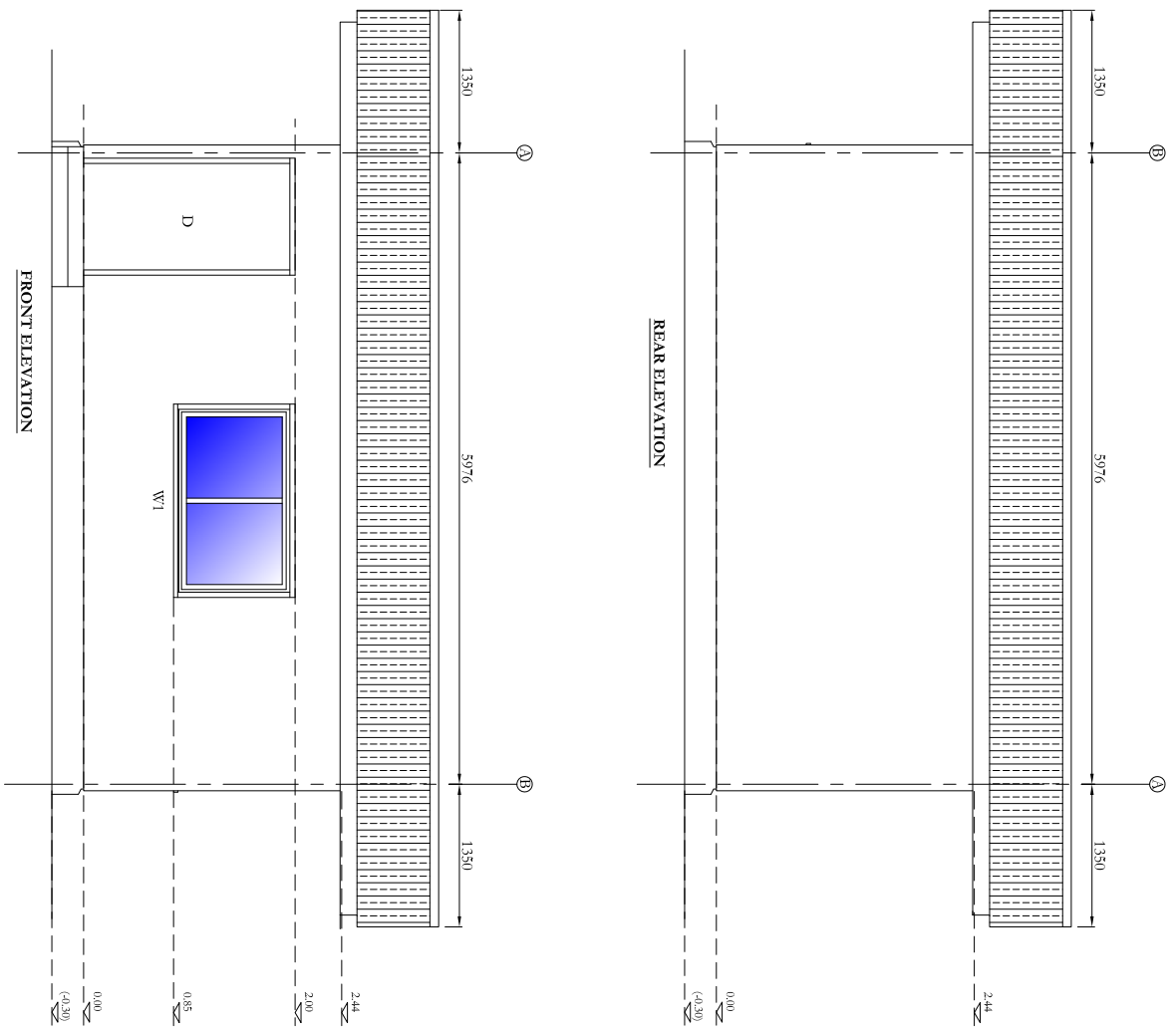
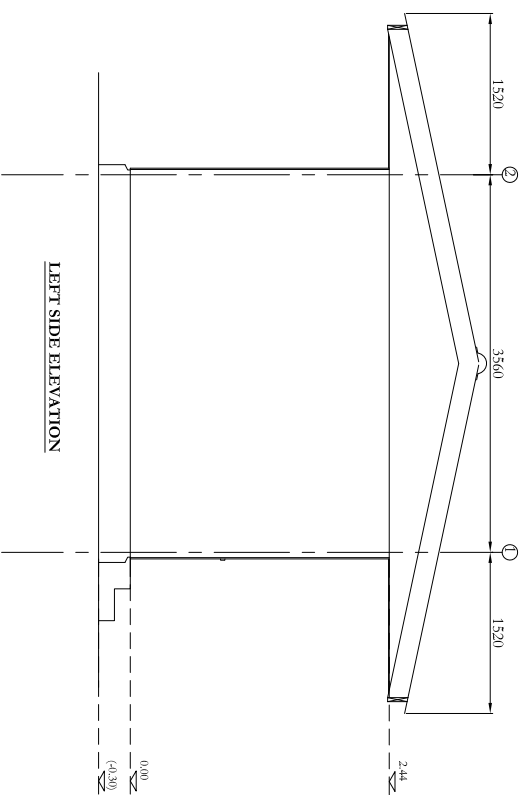


FLOOR LAYOUT PLAN AT WINDOW CILL LEVEL

- NOTES:**
1. All dimensions are in mm.
 2. All grid lines are wrt superstructure wall center lines.
 3. All levels are in meters.
 4. Drawings not to be scaled and written dimensions to be followed.

- Finishing Schedule:**
1. Exterior wall face- 12 mm thk Phenol bonded plywood screwed to wall studs with counter sunk screw heads @ 300 mm c/c max
 2. Interior wall face- 12 mm thk commercial plywood screwed to wall studs with counter sunk screw heads @ 300 mm c/c max
 3. Interior ceiling and roof soffit ceiling:-6 mm thk commercial plywood screwed to wall studs with counter sunk screw heads @ 300 mm c/c max
 4. Exterior Wall face below floor and above ground and steps- Cement plaster in CM 1:3
 5. Flooring- Cement plaster in CM 1:3
 6. Windows- Anodised aluminium frame with 6 mm thk glass glazing
 7. Door- 45 mm thick flushed door with 6 mm thk commercial plywood.
 8. Electrical works-
 - 6 nos power socket inside hall
 - 1 no bulb point outside entrance ceiling
 - 4 nos tube light inside the hall
 - switches as required

<p>CLIENT: ROYAL GOVERNMENT OF BHUTAN</p> <p>DESIGN CONSULTANT: L&I Infra L&I Infra Engineering Ltd. 7C2 BHEL ROAD, KOLIKATA, WEST BENGAL, INDIA E-mail: road@l&iinfra.com, ventures@l&iinfra.com</p>		<p>PROJECT: DESIGN OF RESURFACING AND EXTENSION OF RUNWAY AT BUNTHANG DOMESTIC AIRPORT</p> <p>CLIENT: DEPARTMENT OF AIR TRANSPORT (DOAT), MINISTRY OF INFORMATION AND COMMUNICATIONS, ROYAL GOVERNMENT OF BHUTAN</p>	
<p>CLIENT: ROYAL GOVERNMENT OF BHUTAN</p> <p>DESIGN CONSULTANT: L&I Infra L&I Infra Engineering Ltd. 7C2 BHEL ROAD, KOLIKATA, WEST BENGAL, INDIA E-mail: road@l&iinfra.com, ventures@l&iinfra.com</p>		<p>DRAWING: SITE LABORATORY</p> <p>TITLE: FLOOR PLAN</p>	
<p>PROJECT NO:</p> <p>DATE: AUG, 2021</p>		<p>MADDE:</p> <p>DWG NO: LAB-01</p> <p>REV:</p>	



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 Department of Air Transport | Ministry of Information and Communications

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PROJECT: DESIGN OF RESURFACING AND EXTENSION OF RUNWAY AT BUNTHANG DOMESTIC AIRPORT

CLIENT: DEPARTMENT OF AIR TRANSPORT (DOAT), MINISTRY OF INFORMATION AND COMMUNICATIONS, ROYAL GOVERNMENT OF BHUTAN

DRAWING: SITE LABORATORY

TITLE: ELEVATIONS

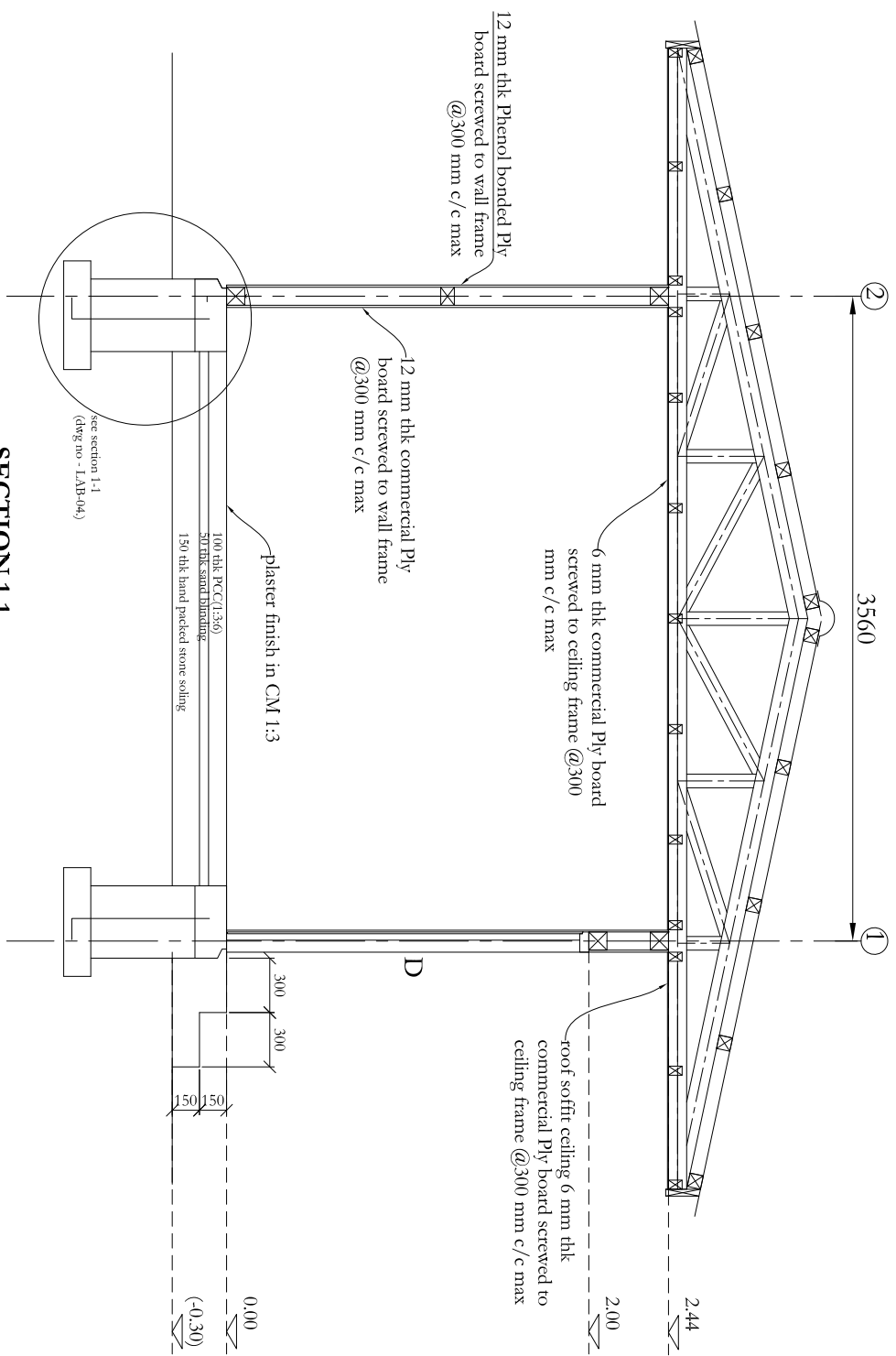
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DATE: AUG, 2021

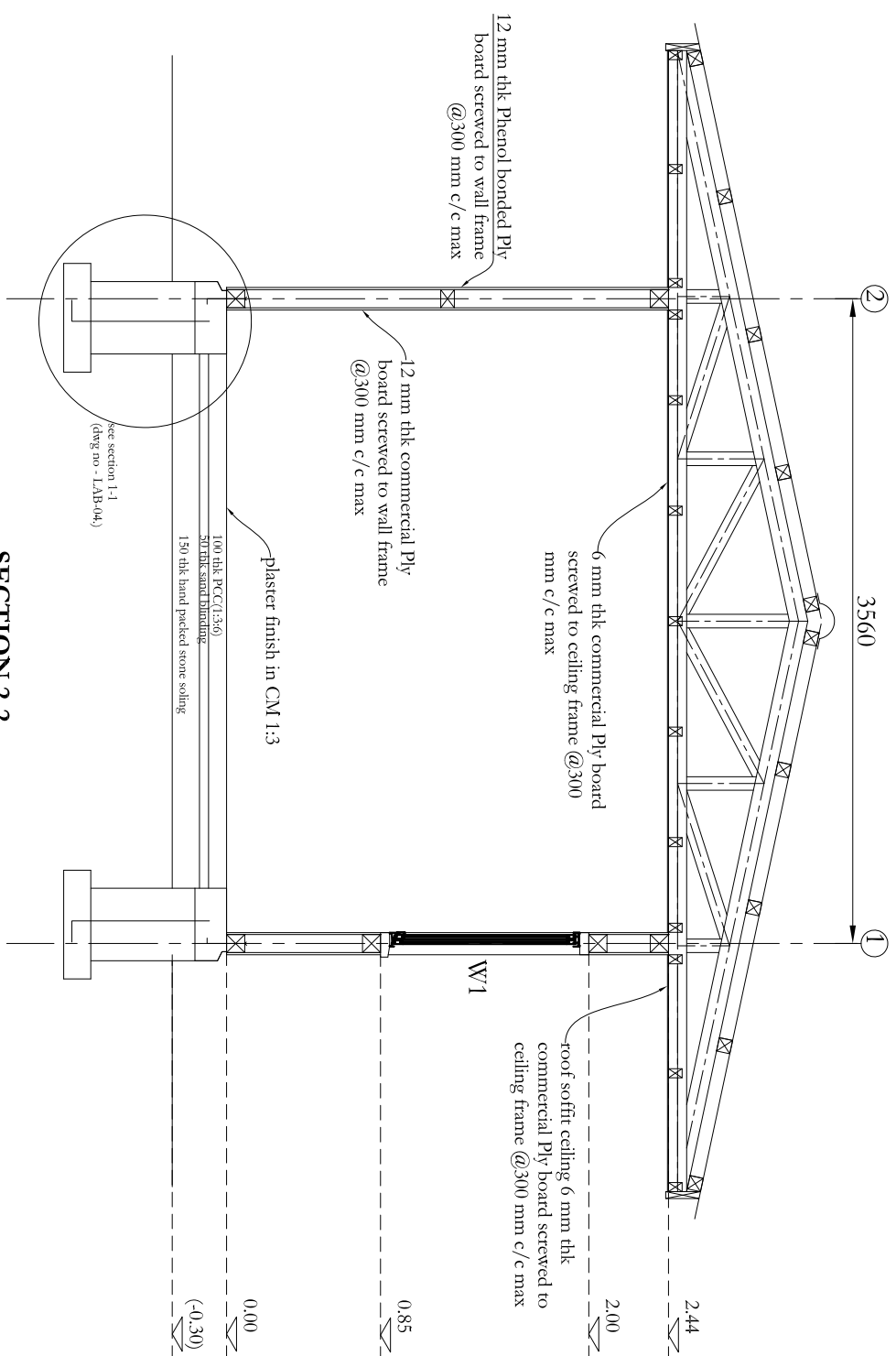
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DWG NO: LAB-02

REV:



SECTION 1-1



SECTION 2-2

- NOTES:**
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PROJECT: DESIGN OF RESURFACING AND EXTENSION OF RUNWAY AT BUNTHANG DOMESTIC AIRPORT

CLIENT: DEPARTMENT OF AIR TRANSPORT (DOAT), MINISTRY OF INFORMATION AND COMMUNICATIONS, ROYAL GOVERNMENT OF BHUTAN

DRAWING: SITE LABORATORY SECTIONS

TITLE: SECTIONS

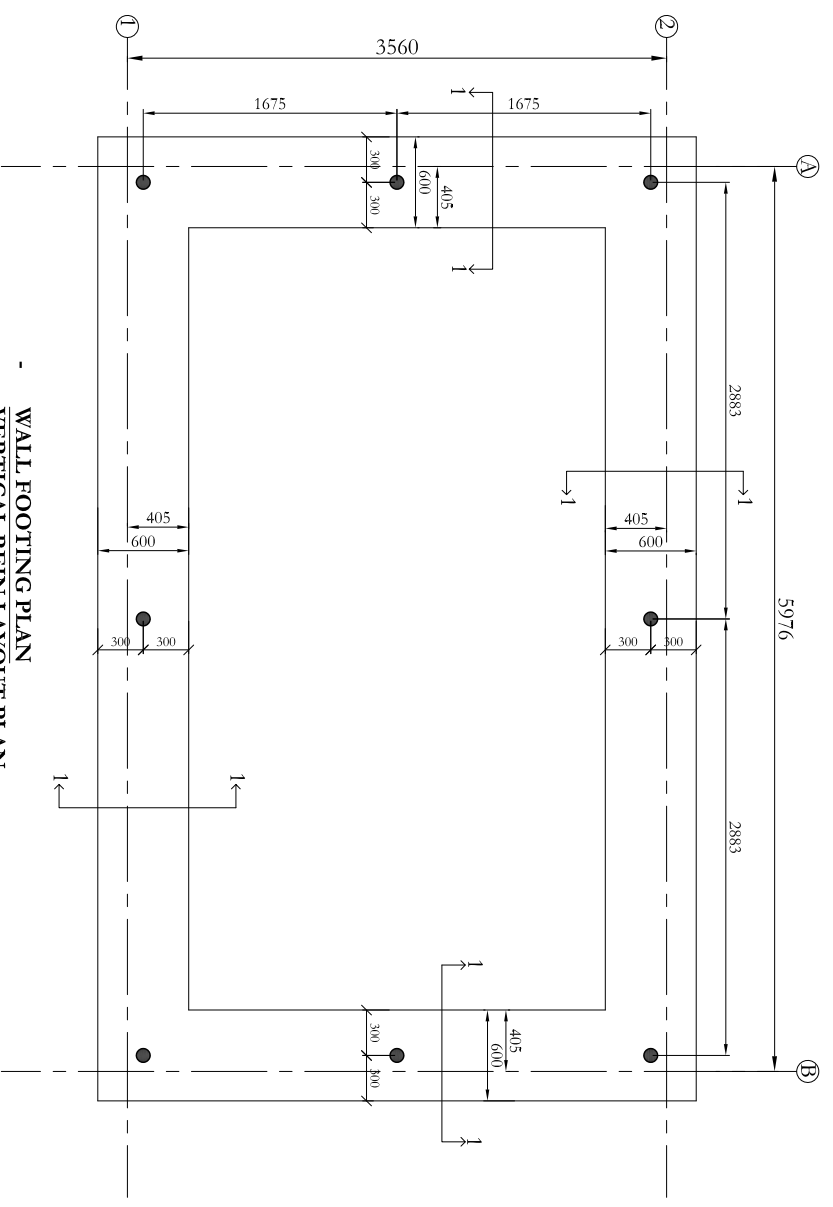
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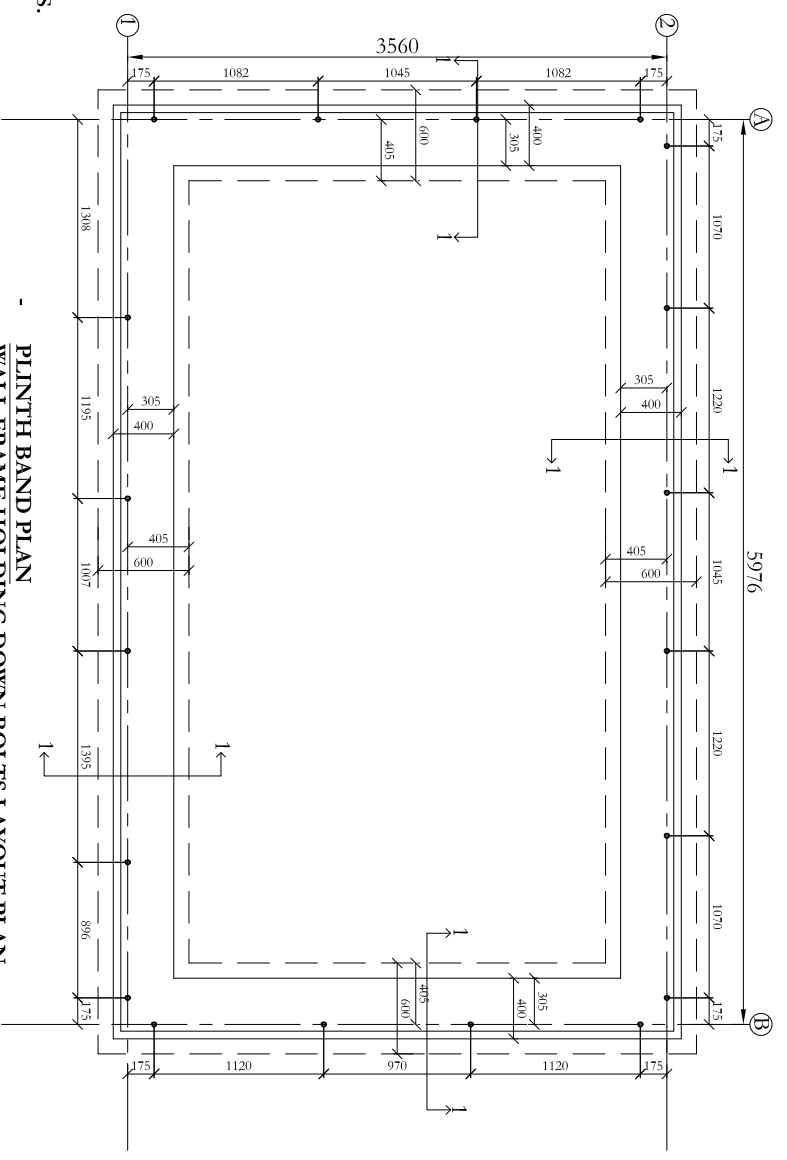
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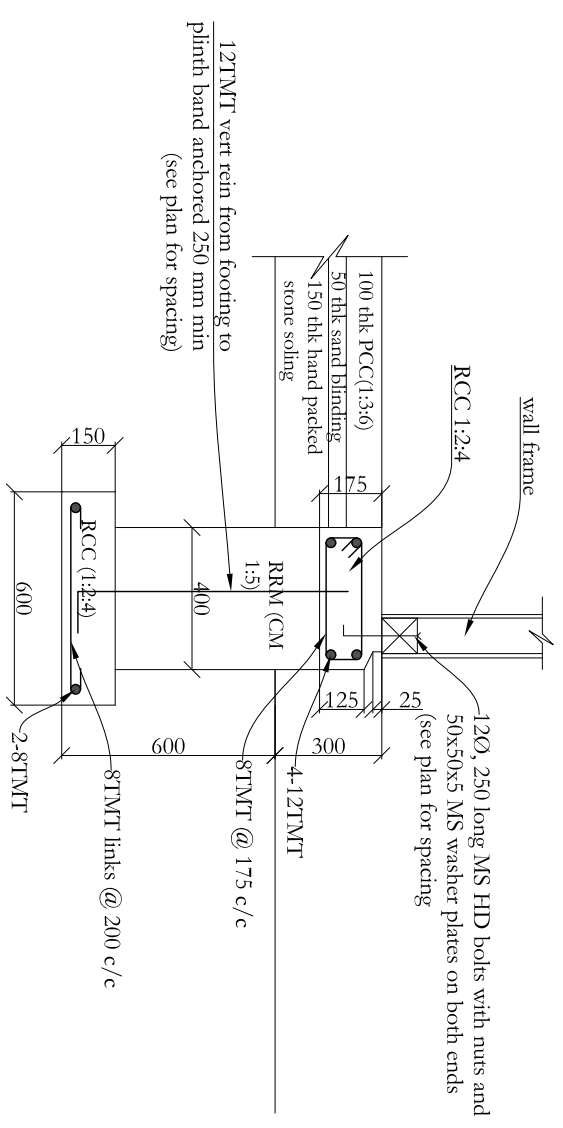
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WALL FOOTING PLAN
-
VERTICAL REIN LAYOUT PLAN



PLINTH BAND PLAN
-
WALL FRAME HOLDING DOWN BOLTS LAYOUT PLAN



SECTION 1-1

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PROJECT: **DESIGN OF RESURFACING AND EXTENSION OF RUNWAY AT BUNTHANG DOMESTIC AIRPORT**

CLIENT: **DEPARTMENT OF AIR TRANSPORT (DOAT), MINISTRY OF INFORMATION AND COMMUNICATIONS, ROYAL GOVERNMENT OF BHUTAN**

DRAWING: **SITE LABORATORY**

TITLE: **FOUNDATION PLAN AND DETAILS**

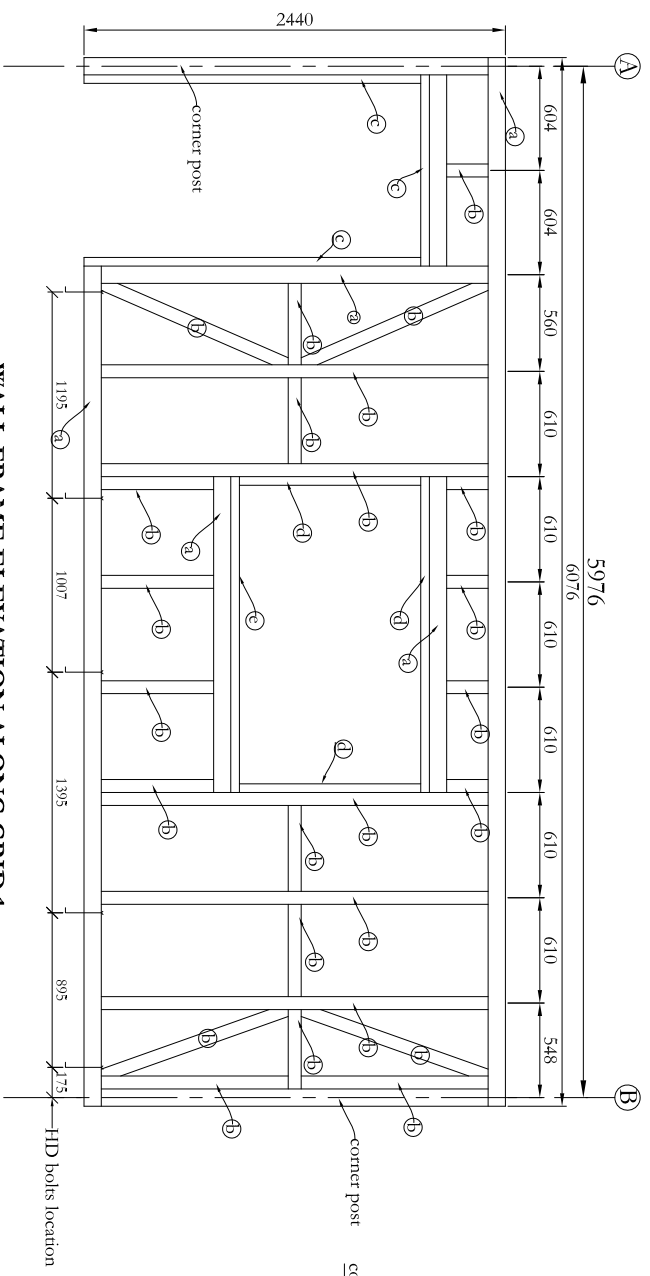
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DATE: **AUG, 2021**

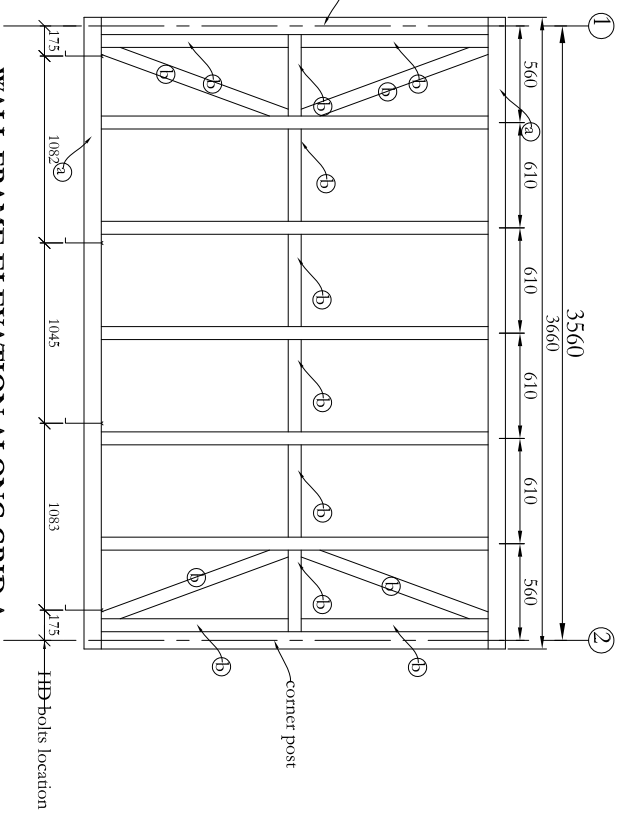
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DWG NO: **LAB-04**

REV:

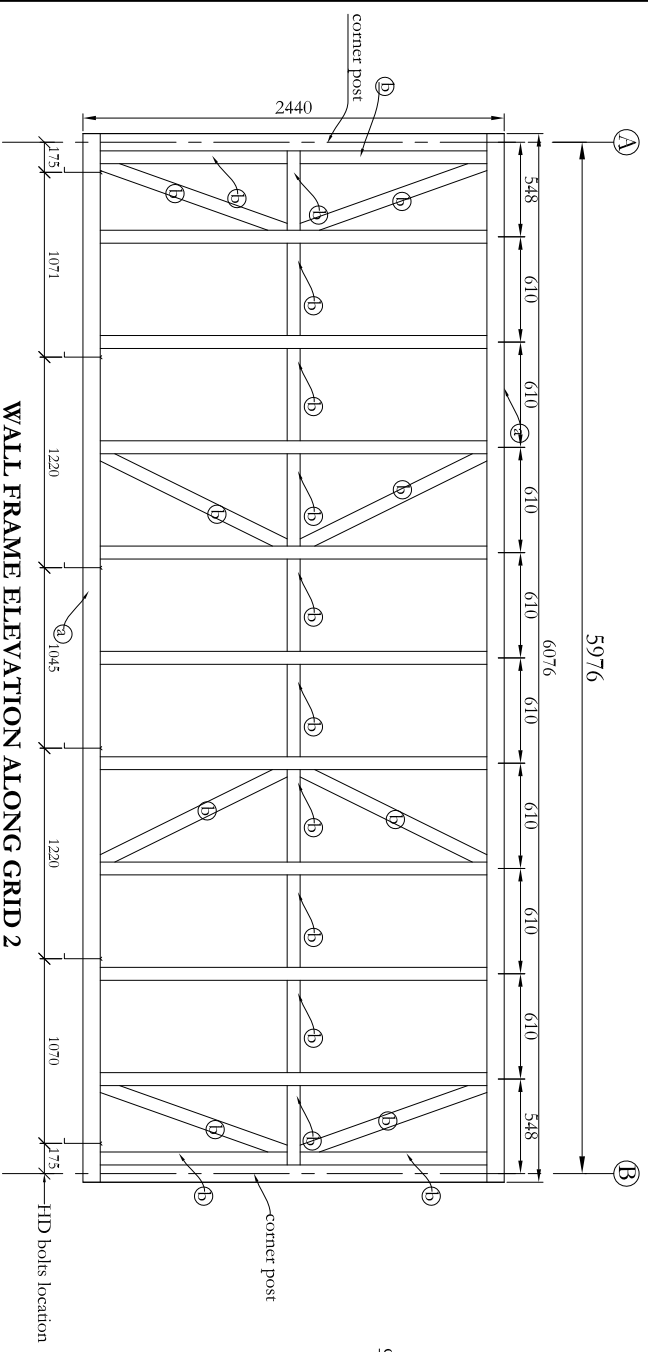


WALL FRAME ELEVATION ALONG GRID 1

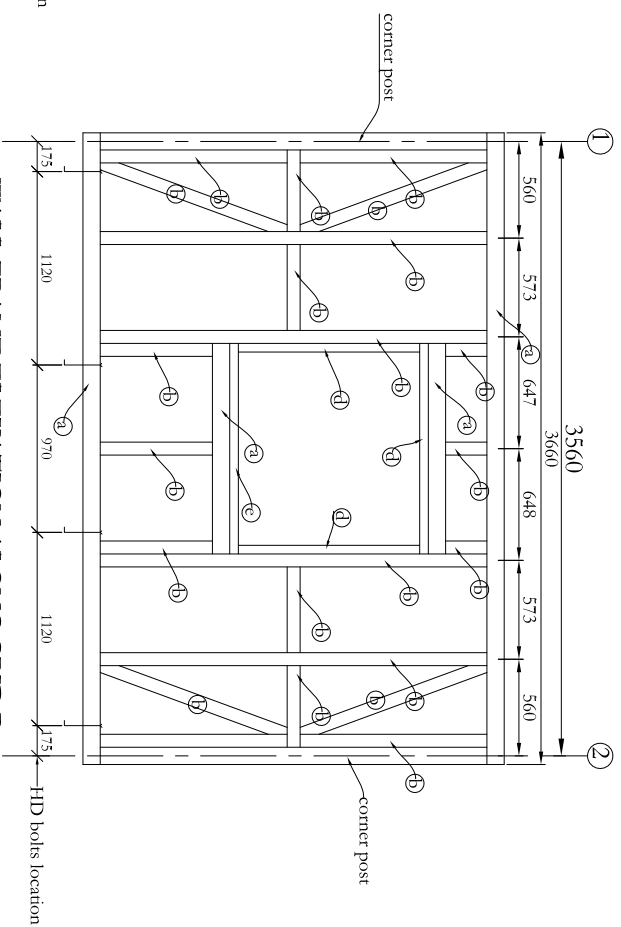


WALL FRAME ELEVATION ALONG GRID A

member no	Size(mm)	profile
a	100x100	
b	100x75	
c	115x50	
d	125x50	
e	135x50	



WALL FRAME ELEVATION ALONG GRID 2



WALL FRAME ELEVATION ALONG GRID B

Notes:

1. All members to be of Local hard wood(MC)
2. The vertical members shall be butt jointed to top and bottom runners with 2 nos 3" long wire nails on each side.
3. The HD bolts shall be 12Ø, 250 long MS bolts provided with nuts and MS washer plate of size 50x50x5mm on both ends

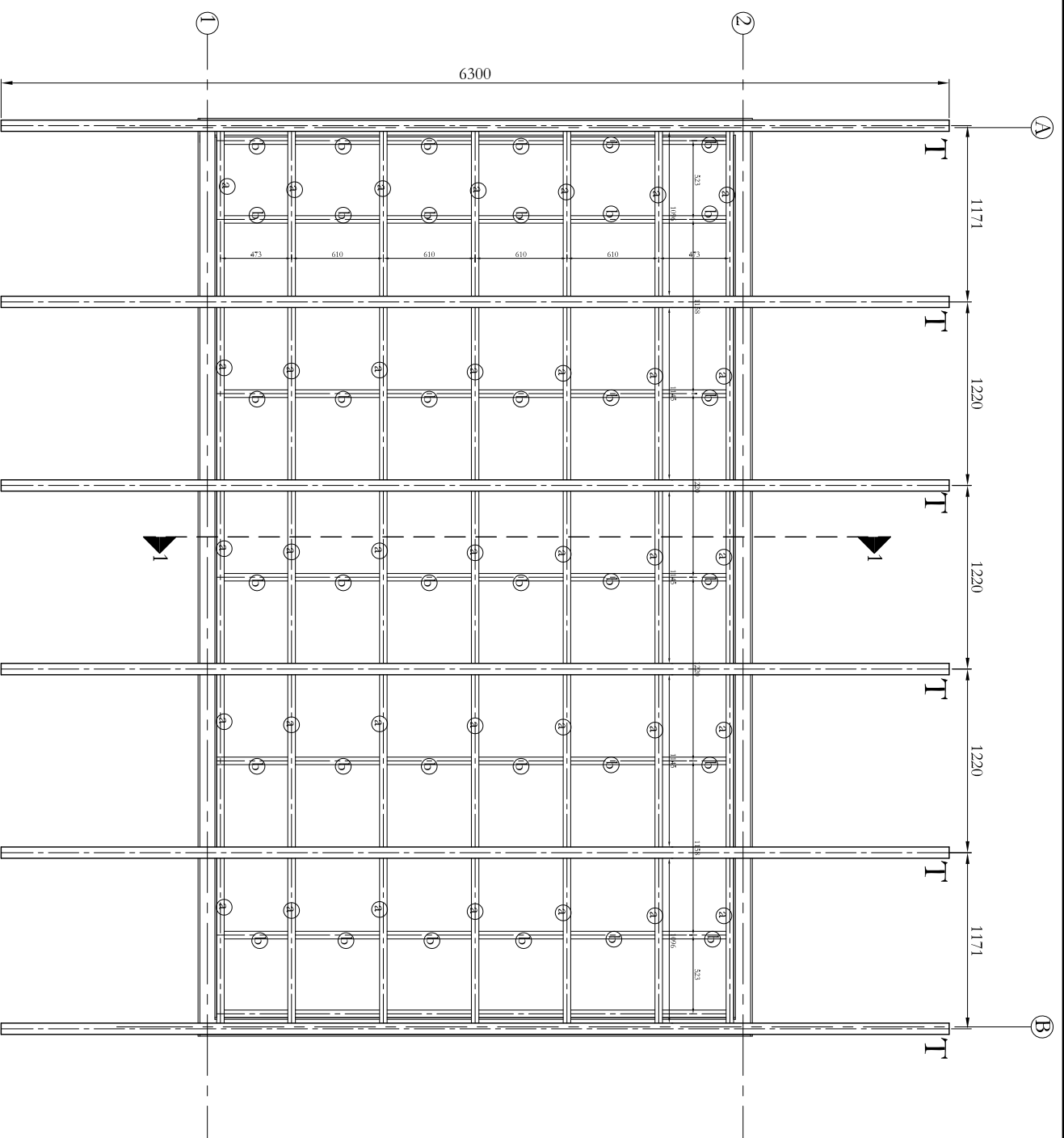
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 Department of Air Transport, Ministry of Information and Communications

PROJECT: DESIGN OF RESURFACING AND EXTENSION OF RUNWAY AT BUNTHANG DOMESTIC AIRPORT

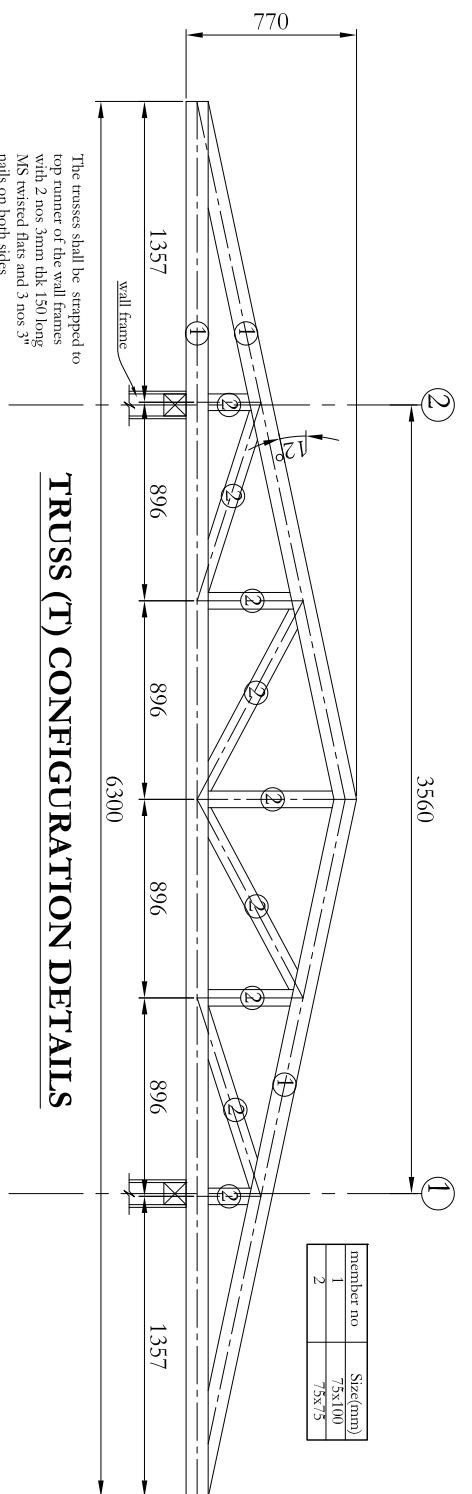
CLIENT: DEPARTMENT OF AIR TRANSPORT (DOAT), MINISTRY OF INFORMATION AND COMMUNICATIONS, ROYAL GOVERNMENT OF BHUTAN

DRAWING: SITE LABORATORY
 TITLE: WALL FRAMING DETAILS
 PROJECT NO:
 DATE: AUG, 2021
 MADE: DWG NO: LAB-05
 REV:

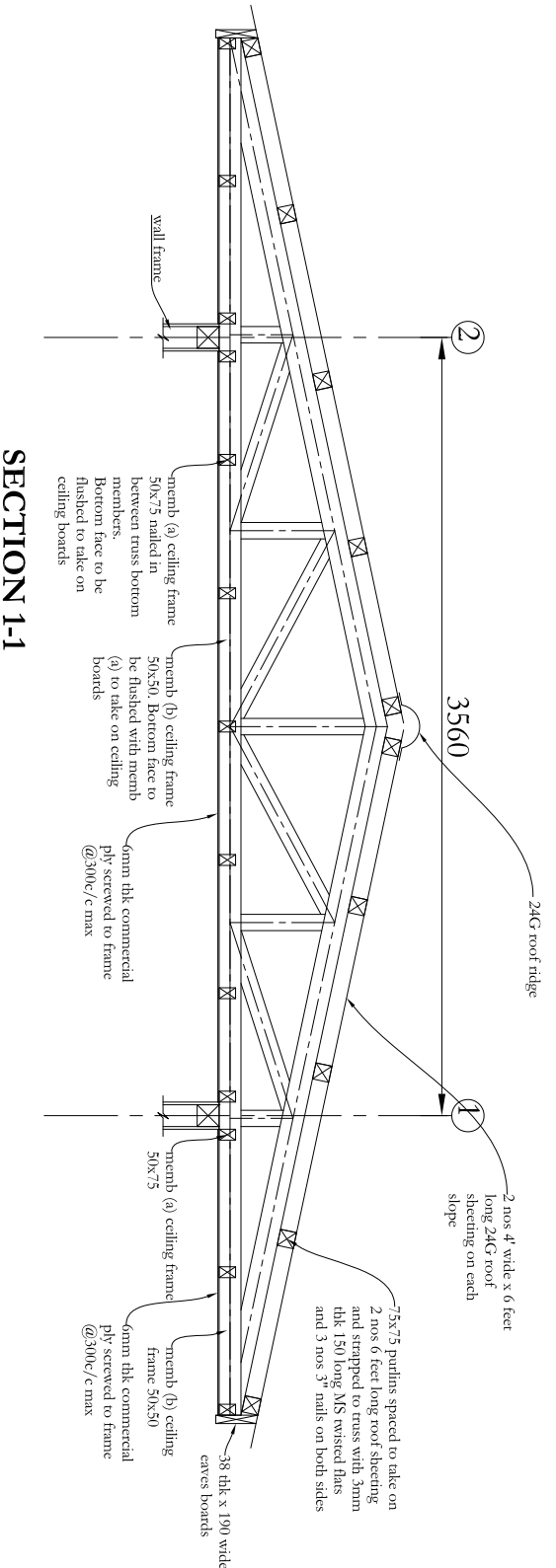


**- ROOF TRUSS LAYOUT PLAN
- CEILING FRAME LAYOUT PLAN**

- Notes:
1. Gable end truss outer face to be flushed with the top runner of the wall frame
 2. The Gable ends shall be boarded like the wall faces.
 3. The soffits of the gable ends, below the extended purlins shall be provided with ceiling boards same as in other ceiling areas



TRUSS (T) CONFIGURATION DETAILS



SECTION 1-1

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DESIGN CONSULTANT: L&I Infra

Department of Air Transport, Ministry of Information and Communications

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DRAWING: SITE LABORATORY

TITLE: TRUSS LAYOUT AND DETAILS

PROJECT NO:

DATE: AUG, 2021

MADE: DWG NO: LAB-06

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PROJECT: DESIGN OF RESURFACING AND EXTENSION OF RUNWAY AT BUNTHANG DOMESTIC AIRPORT

CLIENT: DEPARTMENT OF AIR TRANSPORT (DOAT), MINISTRY OF INFORMATION AND COMMUNICATIONS, ROYAL GOVERNMENT OF BHUTAN

DRAWING: SITE LABORATORY

TITLE: INTERNAL CEILING BOARDING PLAN

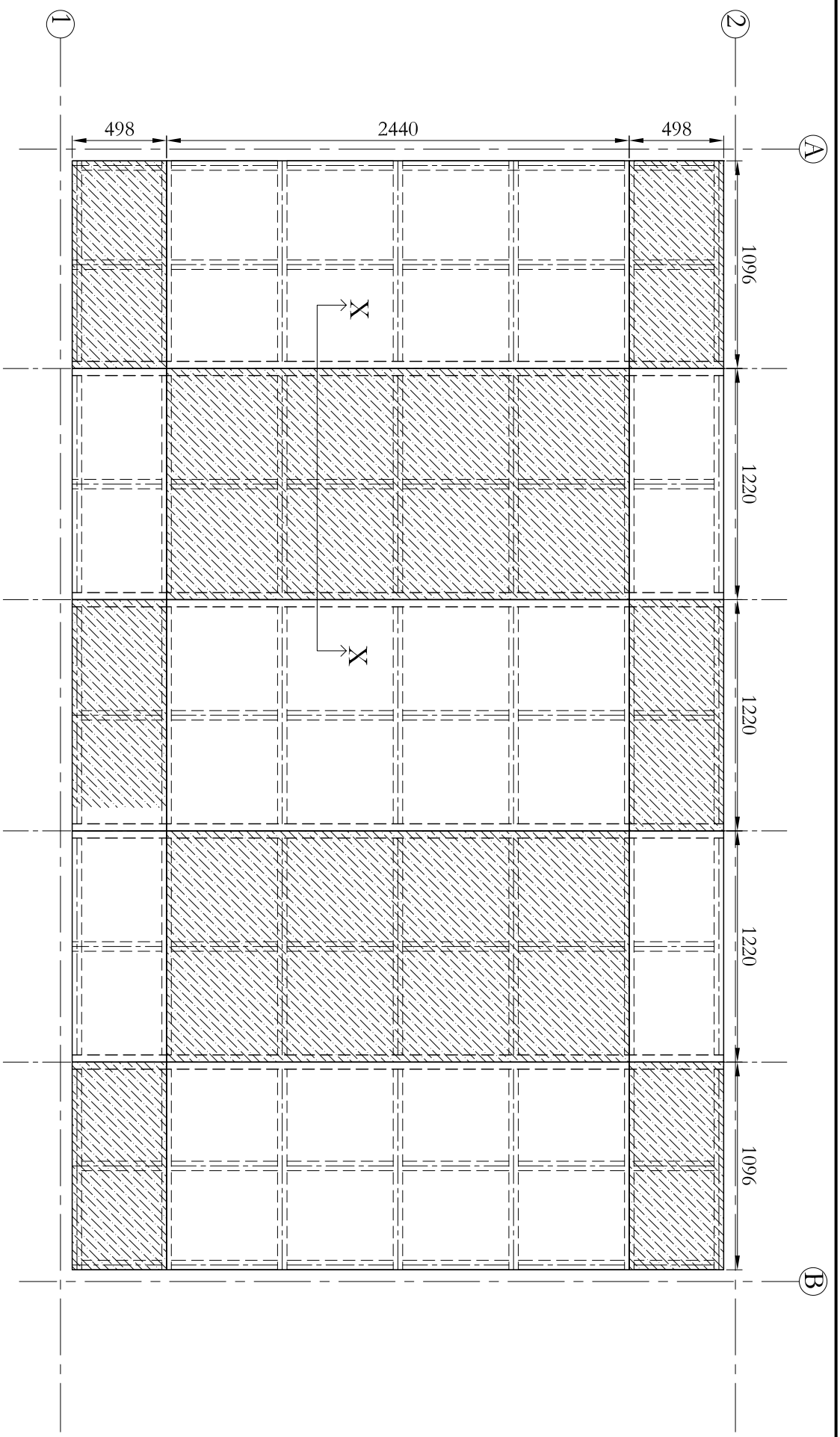
PROJECT NO:

DATE: AUG, 2021

MADE:

DWG NO: LAB-07

REV:



REFLECTED CEILING BOARDING PLAN

SECTION X-X

