

PROJECT: PROPOSED DESIGN OF SECURITY QUARTERS AT GELEPHU AIRPORT.  
CLIENT: DEPARTMENT OF AIR TRANSPORT.  
BUILDING: BACHELOR'S QUARTER

# DOOR AND WINDOW DETAILS

SUBMITTED BY:

**Gyaltshen consultancy**



ROYAL GOVERNMENT OF BHUTAN  
CIVIL AVIATION DEPARTMENT



DOOR/WINDOW SCHEDULE

SCHEDULE OF DOORS

Sl.No.	Opening	Size	Sill Height	Quantity in Ground Floor	Quantity in First Floor	Quantity in Second Floor	Quantity in Third Floor	Total Quantity	Remarks
1	D1	1000 x 2100	————	4	8	8	4	24	flushed door
2	D2	900 x 2100	————	5	8	8	4	25	flushed door

NOTE:

THE DOOR HEIGHT IS TAKEN FROM THE FINISHED FLOOR LEVEL AND NOT FROM THE TOP OF THE SLAB. REMEMBER TO TAKE EXTRA HEIGHT FOR THE DOOR FRAMES TO EMBED IT INTO THE FLOOR. THE EXTRA HEIGHT FOR THE DOOR FRAMES WILL DEPEND ON THE FLOOR FINISH.

NOTE:

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- THE CONSULTANTS/SUPERVISION TEAM
- MINOR ADJUSTMENTS NEED TO BE CARRIED OUT ON SITE TO MATCH WITH I
- BUILDING

Legend

No.	Revision	Date

Client
Royal Government of Bhutan Civil Aviation Dep:
Aviation Planners & Engineers
Leading Edge Aviation Planning Professionals
Civil Engineering Consultant
Gyaltshen Consultancy
Project Title

GELEPHU DOMESTIC AIRPORT  
DESIGN & SUPERVISION

DESIGN OF SECURITY  
QUARTERS.

BACHELOR'S QUARTER

WINDOW SCHEDULE

Scale	NTS
Date	SEPT 1ST 2016
Drawn By	TSHEWANG GYELTSHEN
Design By	DINESH
Drawing Number	GEL AIRPORT BQ AR DW01
LEAPP Project Code	----

SCHEDULE OF WINDOWS

Sl.No.	Opening	Size	Sill Height	Quantity in Ground Floor	Quantity in First Floor	Quantity in Second Floor	Quantity in Third Floor	Total Quantity	Remarks
1	W1	1700 x 1600	500	7	8	2	1	18	
2	V1	700 x 1100	1100	4	8	8	4	24	Ventilator
3	RW1	1700 x 1650	550	————	6	12	6	24	Rabsey window
4	LV1	700 x 2550	550	2	4	4	2	12	Louvered Door

NOTE:

All sill heights are calculated from the top of the slab level.  
The sill height for the ventilator in the toilet is calculated from the top of the slab level of the rooms and not from the top of drop slab level if any.

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Gyaltshen Consultancy

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DESIGN & SUPERVISION

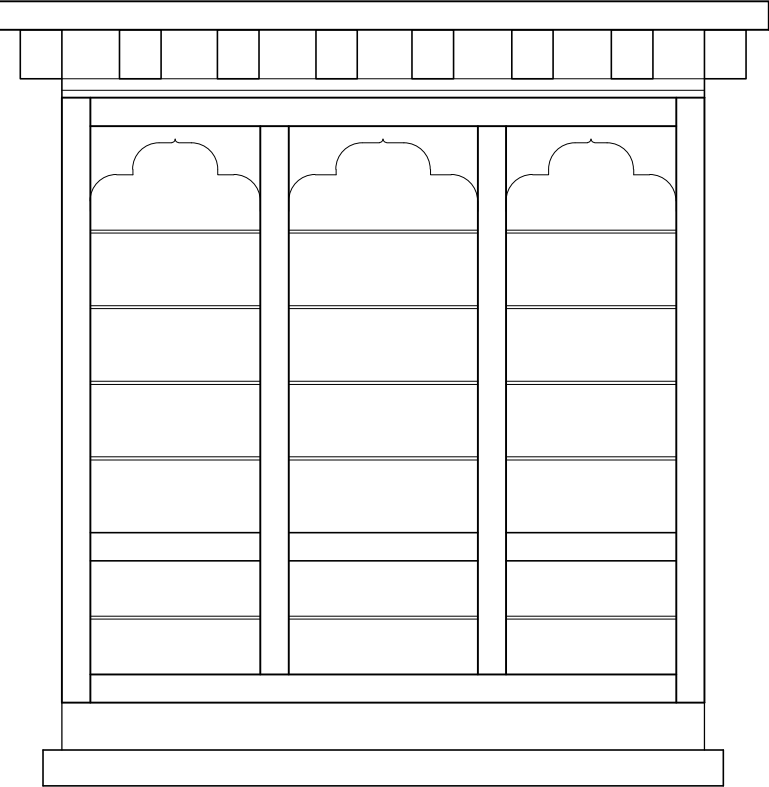
DESIGN OF SECURITY  
QUARTERS.

Drawing Title

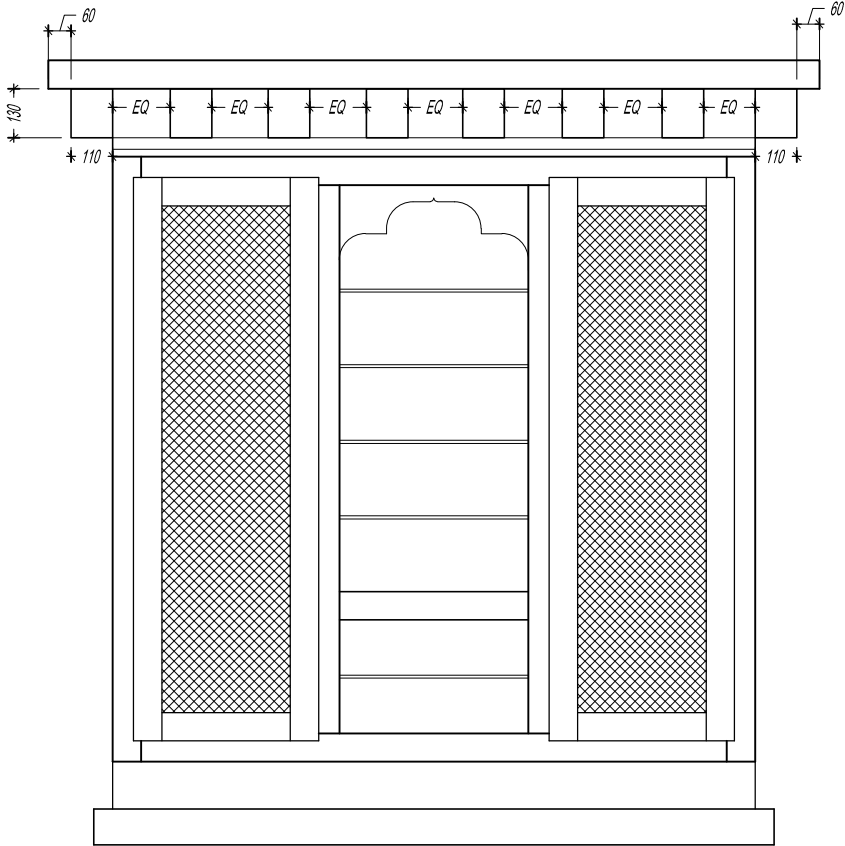
BACHELOR'S QUARTER

WINDOW DETAIL W1

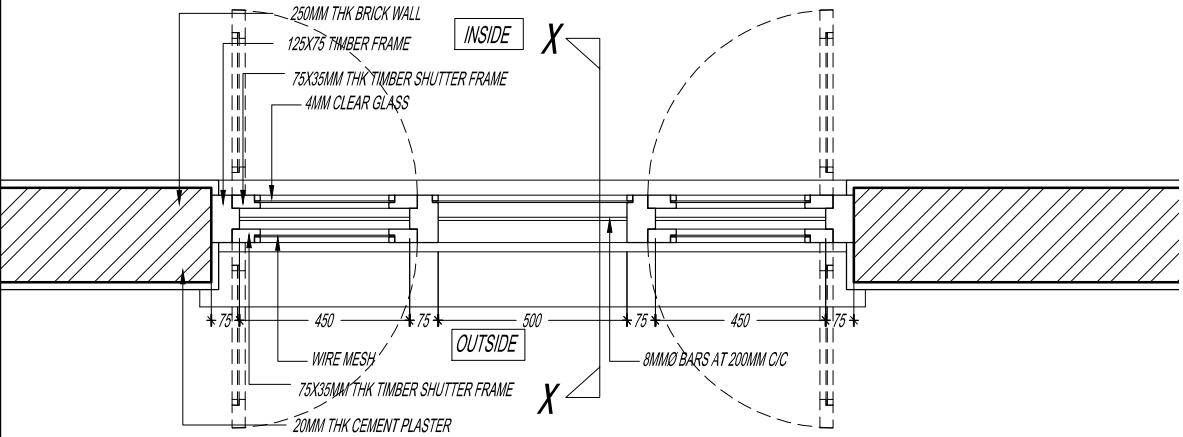
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Drawn By	TSHEWANG GYELTSHEN
Design By	DINESH
Drawing Number	GEL AIRPORT BQ AR DW02
LEAPP Project Code	----



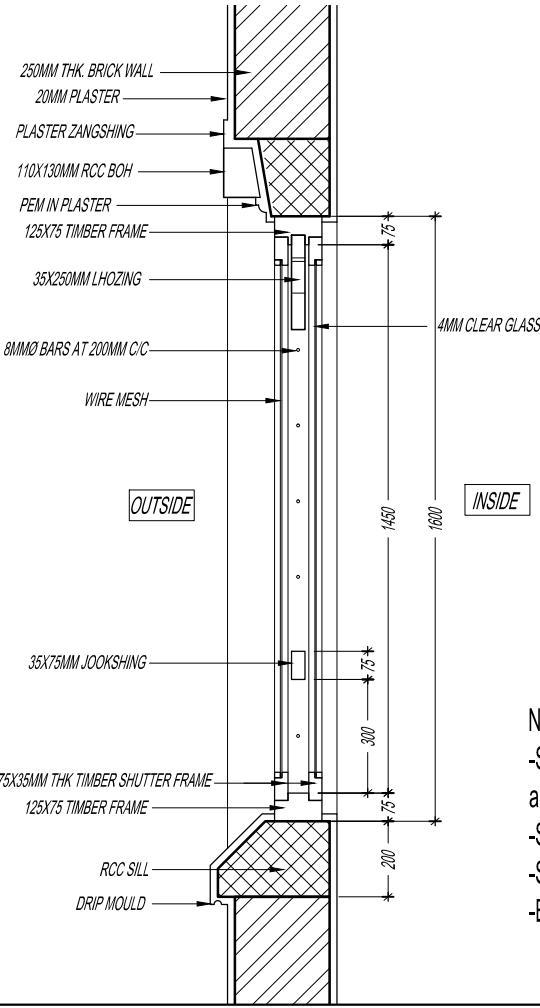
ELEVATION WITHOUT FLY MESH  
SHUTTER (W1)



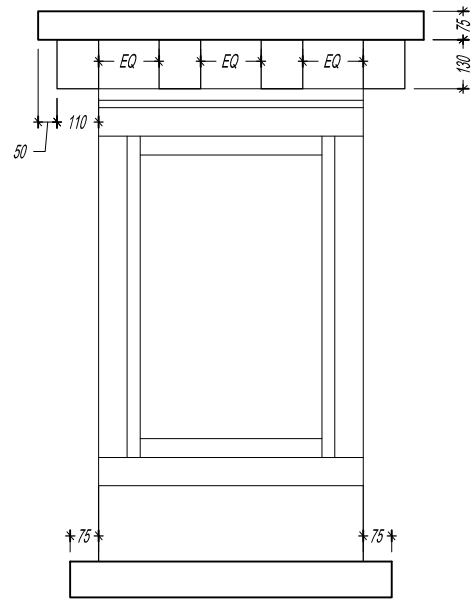
ELEVATION WITH FLY MESH  
SHUTTER (W1)



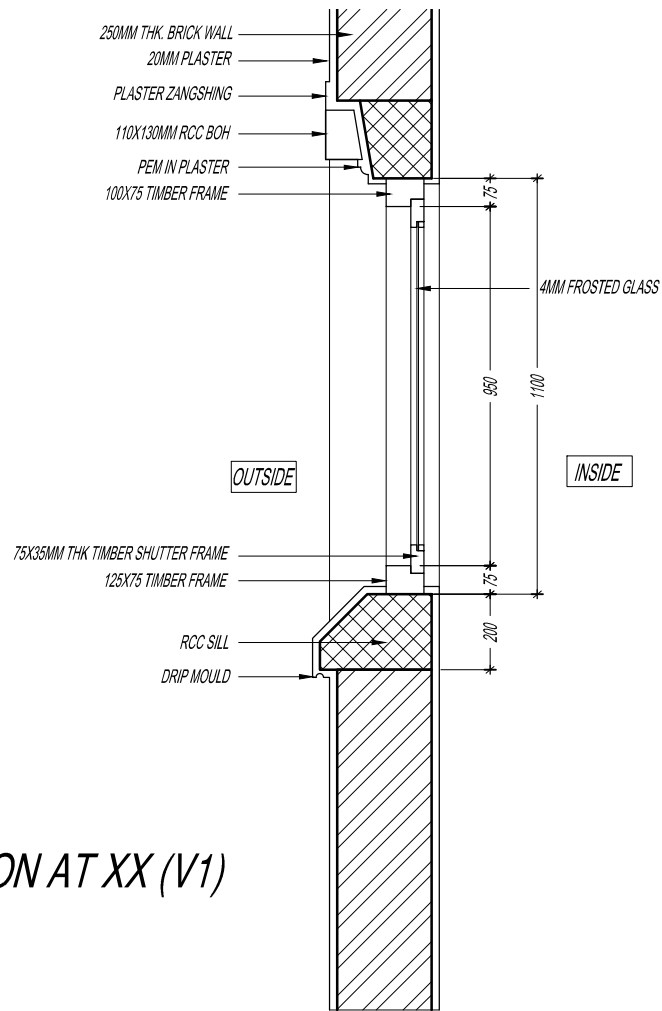
PLAN (W1)



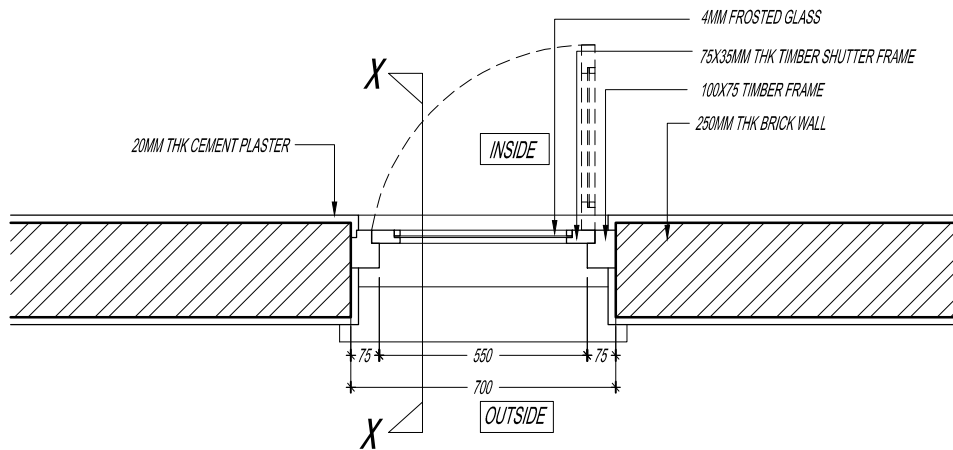
NOTE:  
-Shutter to be provided with 2 nos 100mm CP tower bolt at top and bottom.  
-Shutter to be provided with 100mm CP handle at mid level  
-Shutter to be provided with 2 nos 70mm CP butt hinges.  
-Each frame to be provided with 4 nos. 150mm hold fast.



ELEVATION (V1)



SECTION AT XX (V1)



PLAN (V1)

- NOTE:
- Shutter to be provided with 2 nos 100mm CP tower bolt at top and bottom.
  - Shutter to be provided with 100mm CP handle at mid level
  - Shutter to be provided with 2 nos 70mm CP butt hinges.
  - Each frame to be provided with 4 nos. 150mm hold fast.



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DESIGN & SUPERVISION

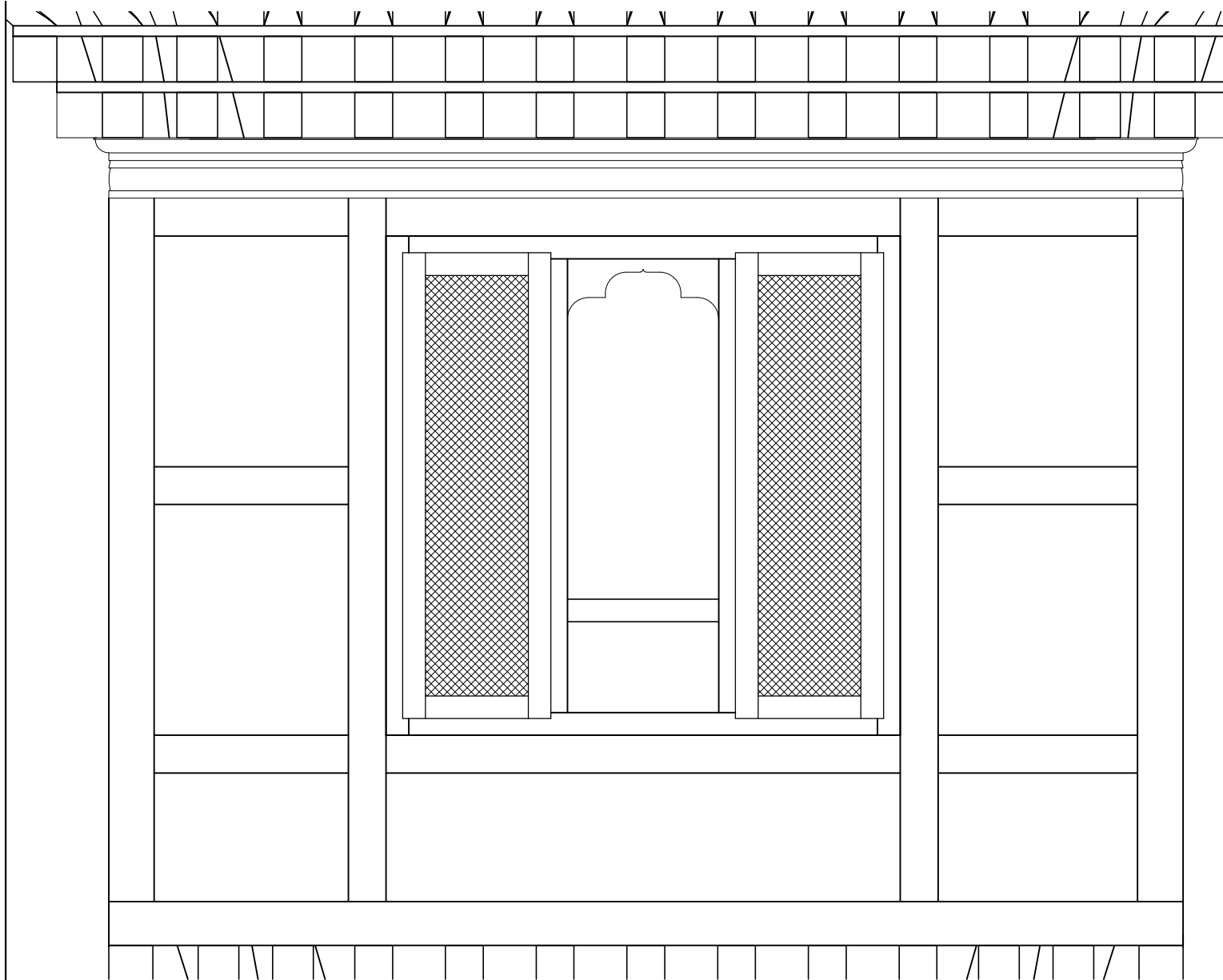
DESIGN OF SECURITY  
QUARTERS.

Drawing Title

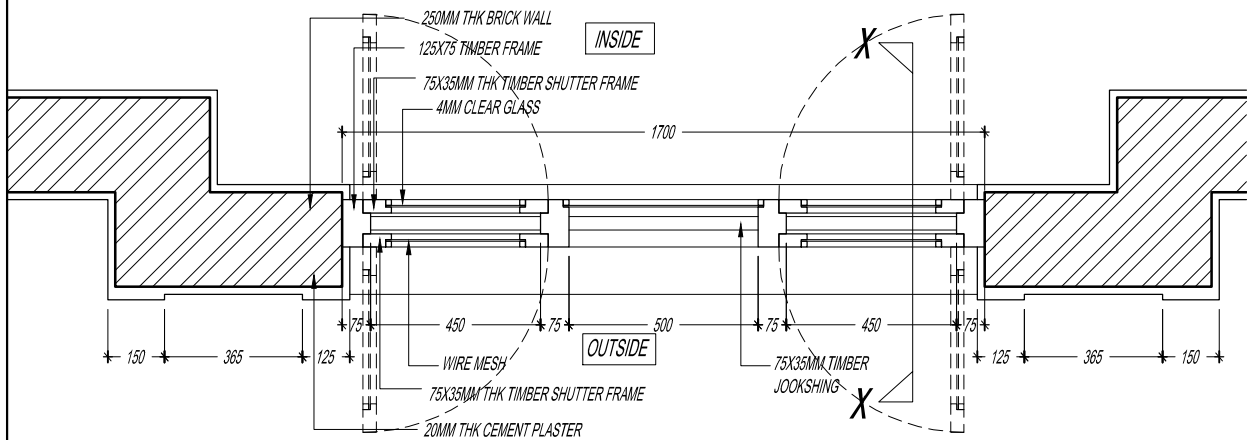
BACHELOR'S QUARTER

WINDOW DETAIL V1

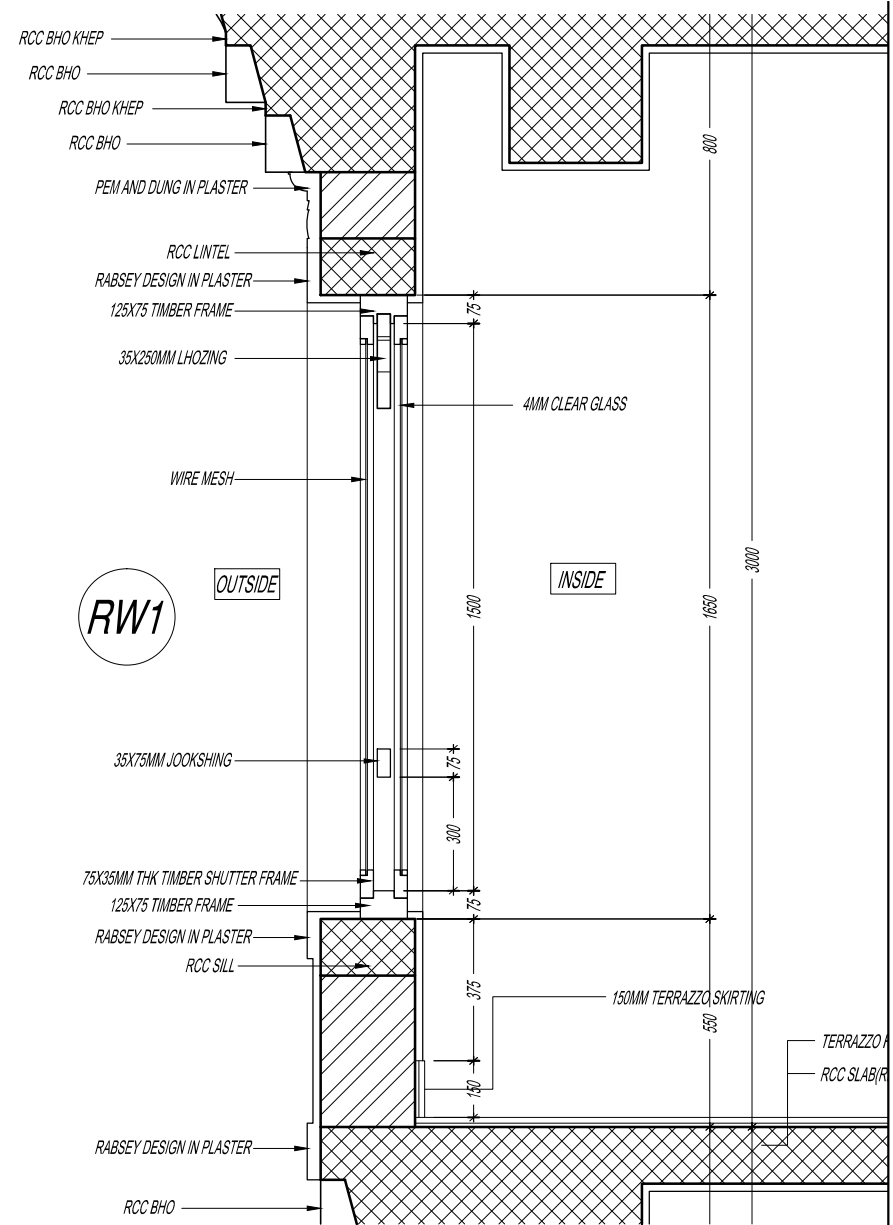
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Date	SEPT 1ST 2016
Drawn By	TSHEWANG GYELTSHEN
Design By	DINESH
Drawing Number	GEL AIRPORT BQ AR DW03
LEAPP Project Code	----



ELEVATION(RW1)



PLAN (RW1)



SECTION AT XX (RW1)

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  - Shutter to be provided with 100mm CP handle at mid level
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  - Each frame to be provided with 4 nos. 150mm hold fast.



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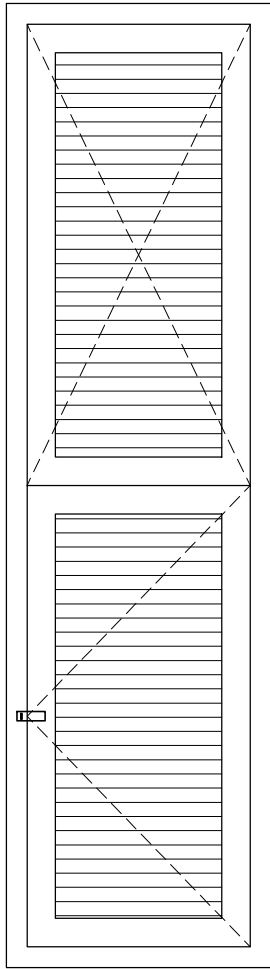
DESIGN OF SECURITY  
QUARTERS.

Drawing Title

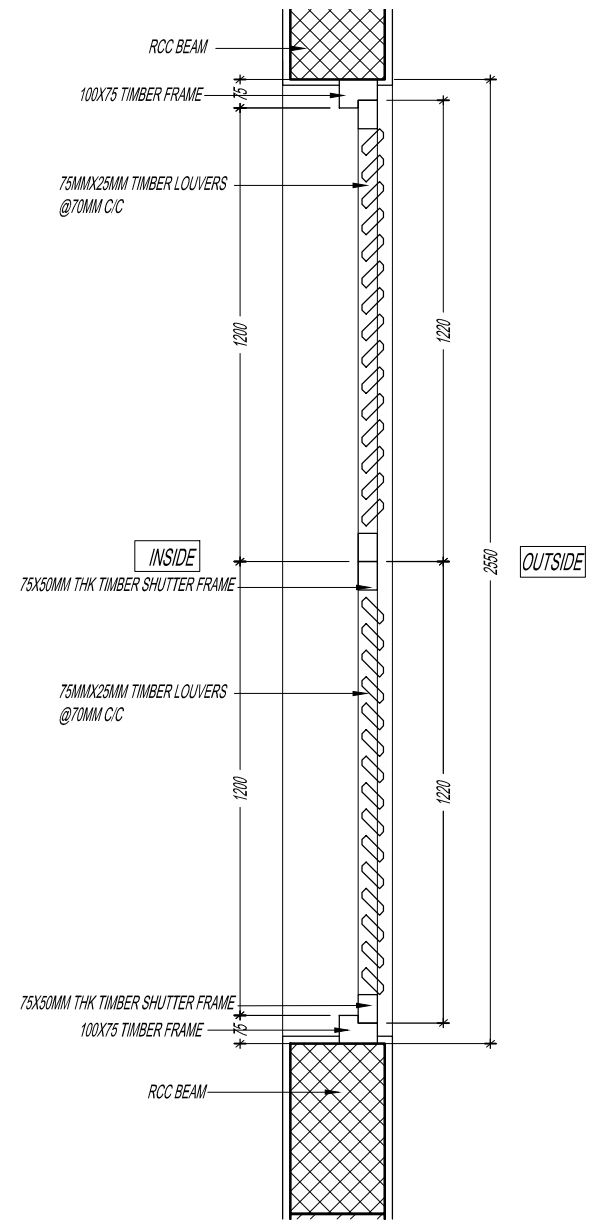
BACHELOR'S QUARTER

WINDOW DETAIL RW1

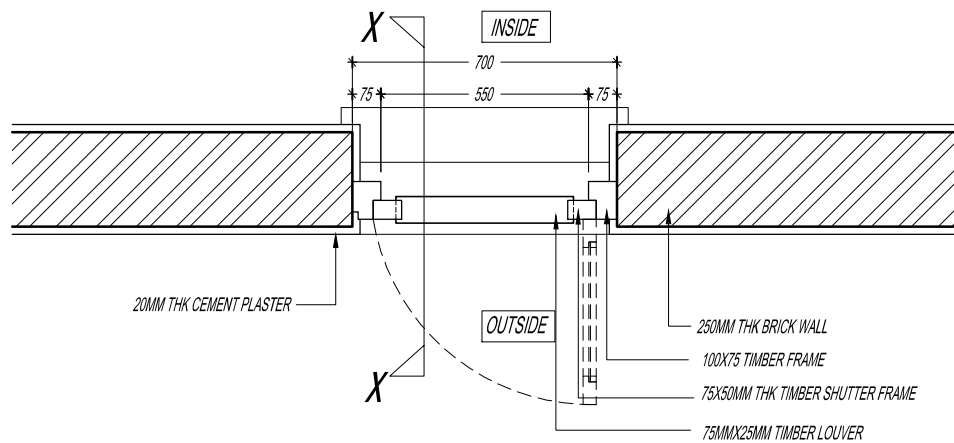
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Date	SEPT 1ST 2016
Drawn By	TSHEWANG GYELTSHEN
Design By	DINESH
Drawing Number	GEL AIRPORT BQ AR DW04
LEAPP Project Code	----



ELEVATION(LV1)



SECTION AT XX (LV1)



PLAN (LV1)

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- Shutter to be provided with 100mm CP handle at mid level
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GELEPHU DOMESTIC AIRPORT  
DESIGN & SUPERVISION

DESIGN OF SECURITY  
QUARTERS.

Drawing Title

BACHELOR'S QUARTER

WINDOW DETAIL LV1

Scale	1:20
Date	SEPT 1ST 2016
Drawn By	TSHEWANG GYELTSHEN
Design By	DINESH
Drawing Number	GEL AIRPORT BQ AR DW05
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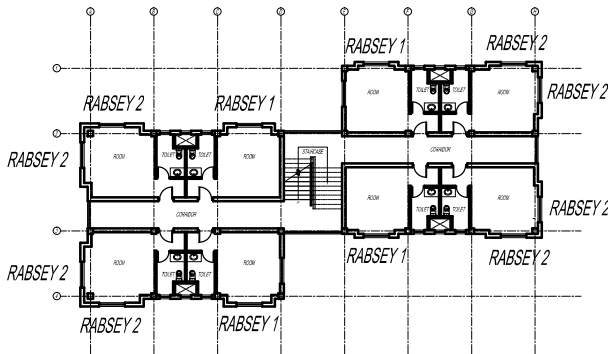
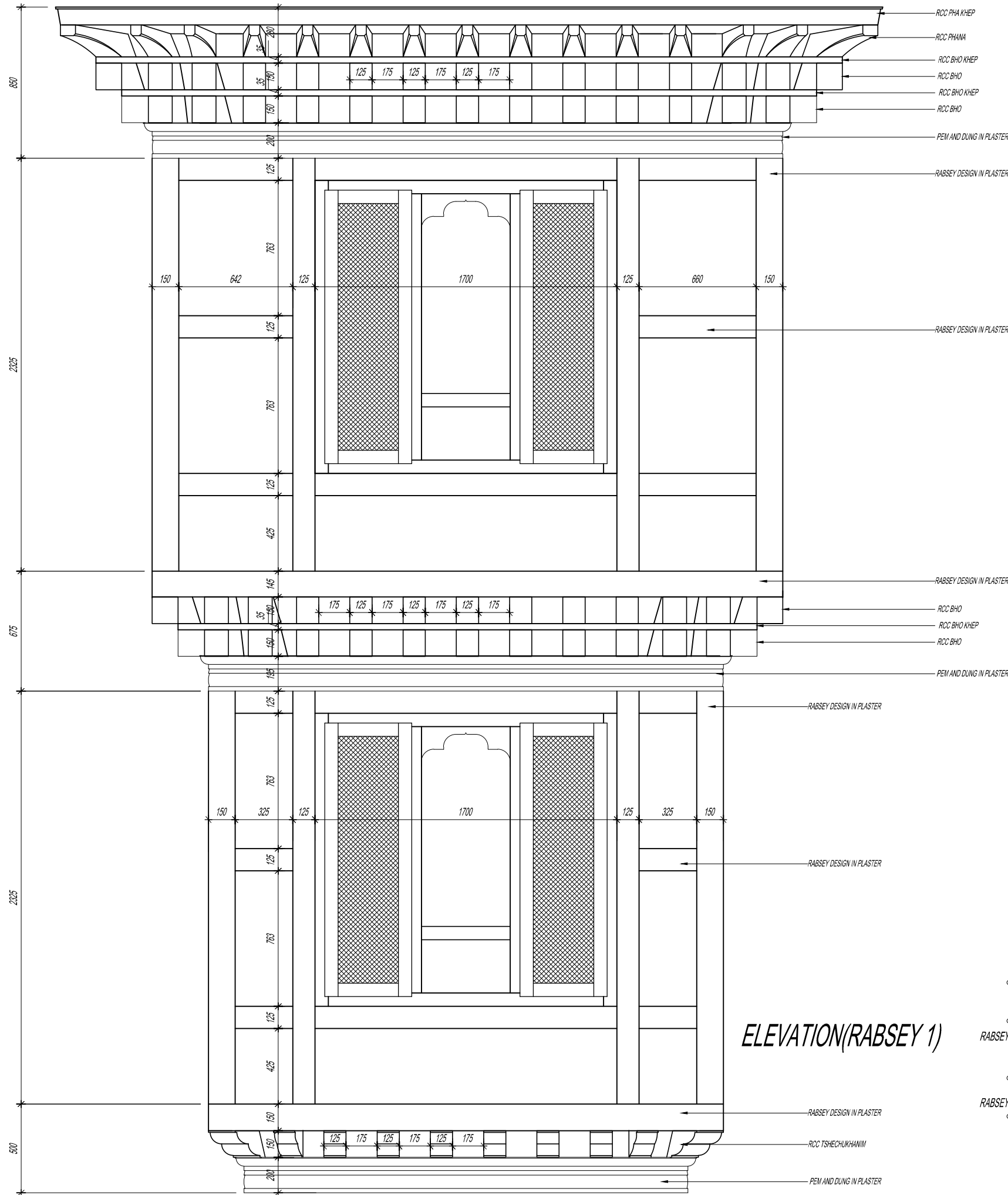
DESIGN OF SECURITY  
QUARTERS.

Drawing Title

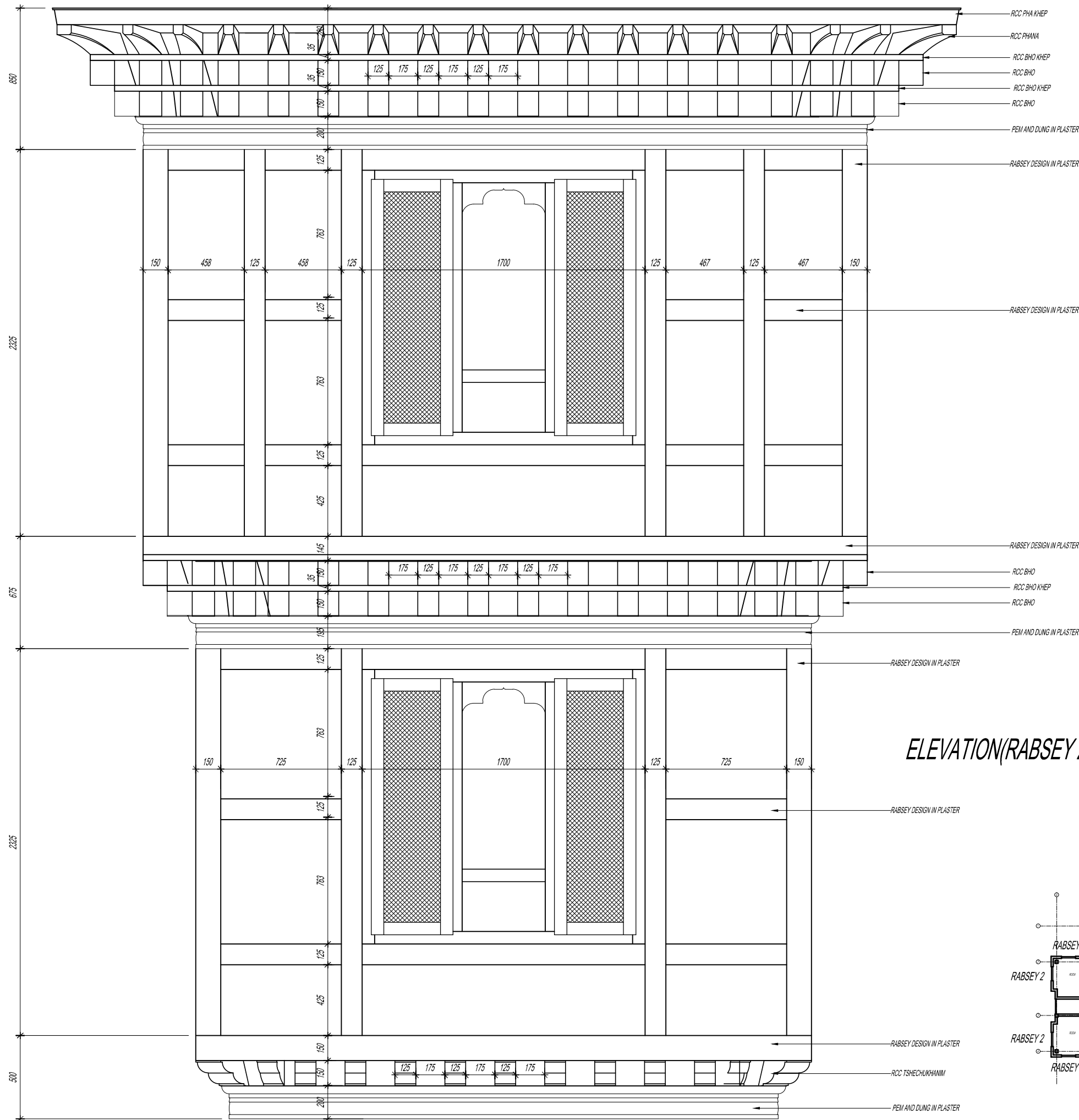
BACHELOR'S QUARTER

RABSEY DETAIL (RABSEY 1)

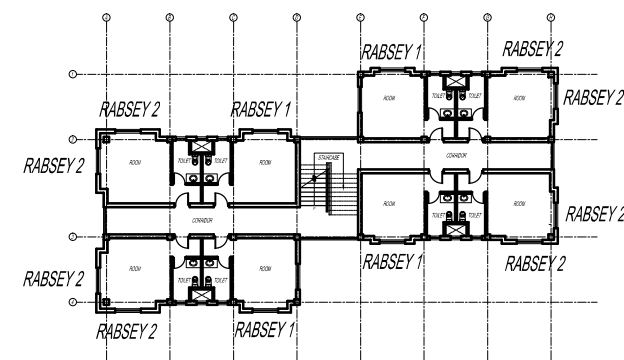
Scale	1:25
Date	SEPT 1ST 2016
Drawn By	TSHEWANG GYELTSHEN
Design By	DINESH
Drawing Number	GEL AIRPORT BQ AR DW06
LEAPP Project Code	----







ELEVATION(RABSEY 2)



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DESIGN & SUPERVISION

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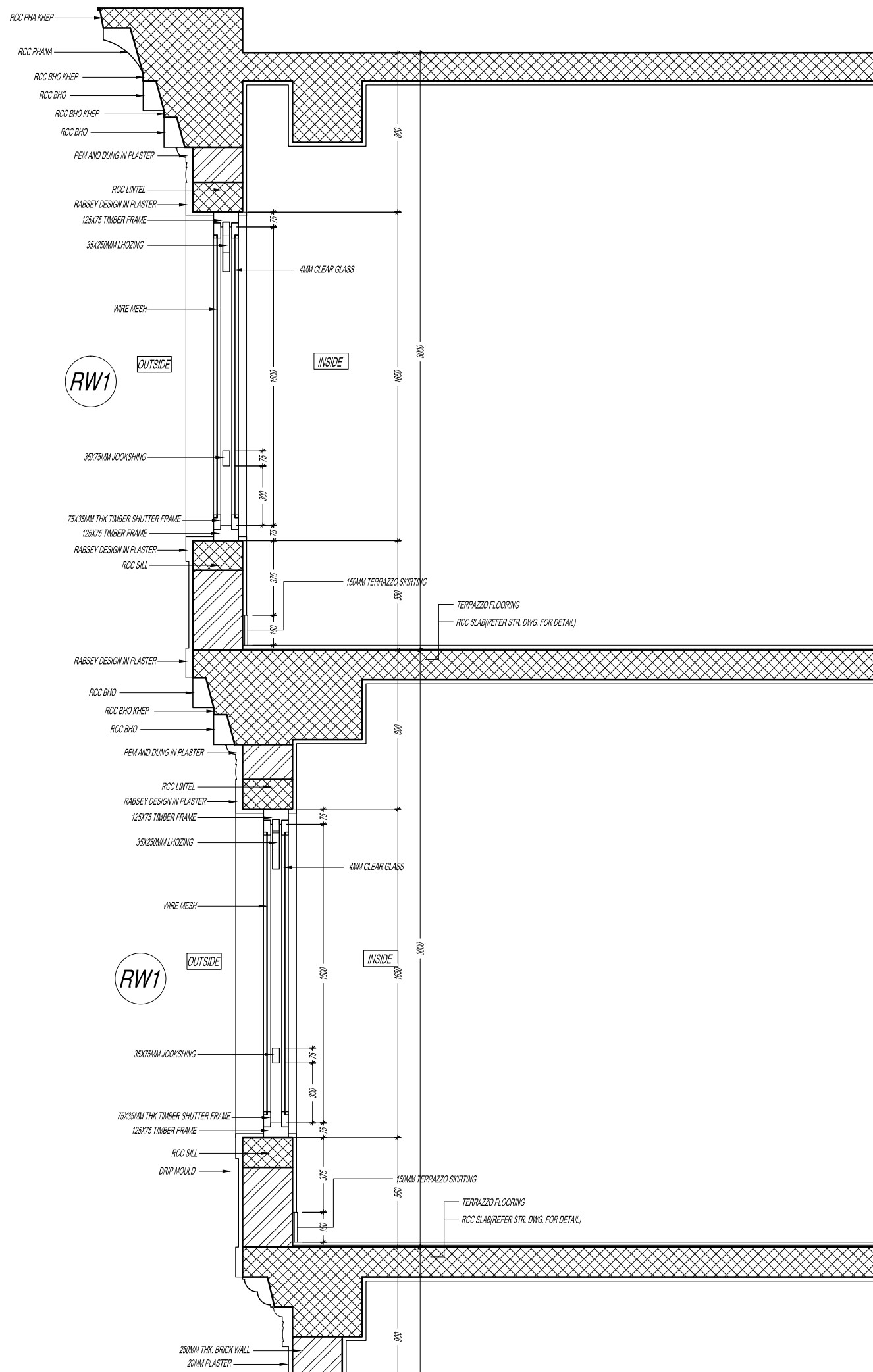
Drawing Title

BACHELOR'S QUARTER

RABSEY DETAIL (RABSEY 2

Scale	1:25
Date	SEPT 1ST 2016
Drawn By	TSHEWANG GYELTSHEN
Design By	DINESH
Drawing Number	GEL AIRPORT BQ AR DW07
LEAPP Project Code	----





TYPICAL RABSEY SECTION



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DESIGN OF SECURITY  
QUARTERS.

Drawing Title

BACHELOR'S QUARTER

TYPICAL RABSEY DETAIL

Scale	1:25
Date	SEPT 1ST 2016
Drawn By	TSHEWANG GYELTSHEN
Design By	DINESH
Drawing Number	GEL AIRPORT BQ AR DW08
LEAPP Project Code	----