

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

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	————	8	16	16	8	48	flushed door
2	D2	900 x 2100	————	13	24	24	12	73	flushed door
3	D3	600 x 2100	————	2	4	4	2	12	flushed door
4	LV1	700 x 2550	————	2	4	4	2	12	louvered 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.

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	11	15	7	4	37	8mm security bars in ground floor windows only
2	W2	1200 x 1100	1100	4	8	8	4	24	Kitchen Window
3	W3	2100 x 1800	300	0	1	0	0	1	
4	V1	700 x 1100	1100	4	8	8	4	24	Ventilator
5	RW1	1700 x 1650	550	————	8	16	8	32	Rabsey window
6	RW2	700 x 1650	550	0	0	1	1	2	Rabsey window

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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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

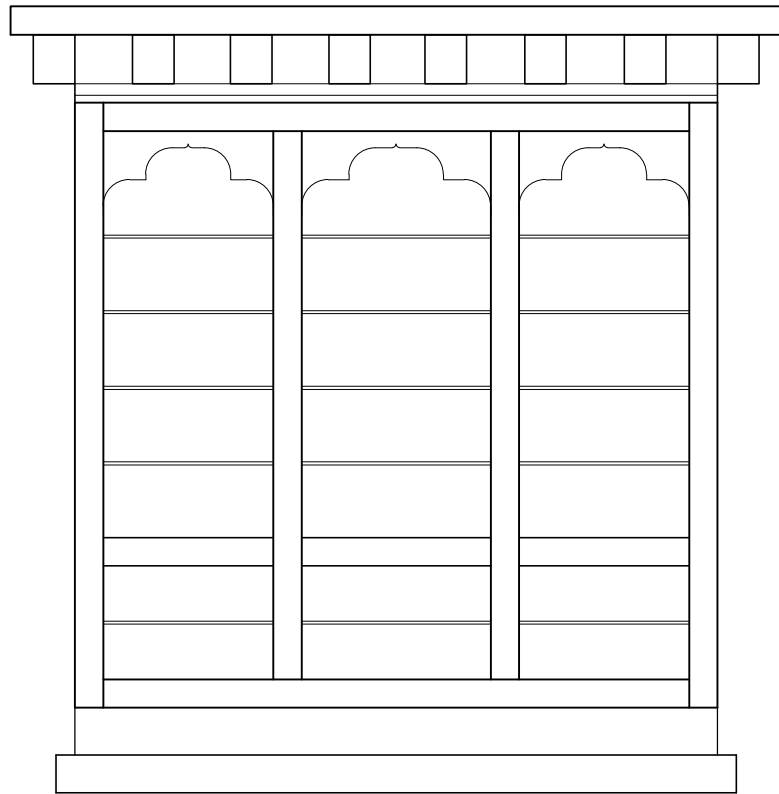
DESIGN OF SECURITY
QUARTERS.

Drawing Title

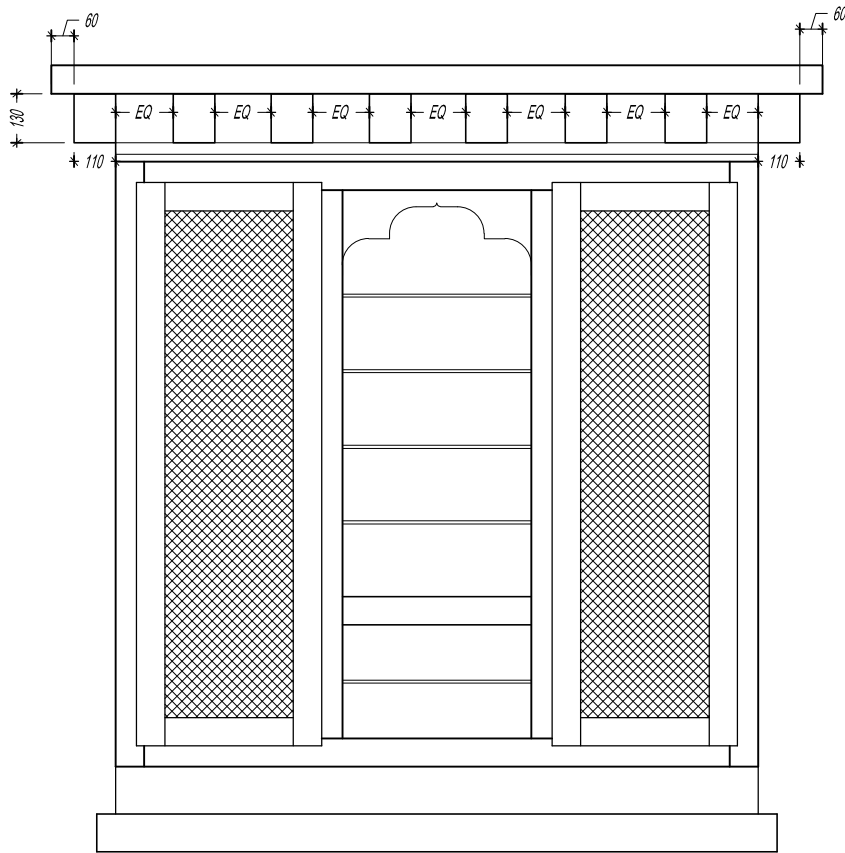
FAMILY QUARTER

DOOR AND WINDOW SCHEDULE

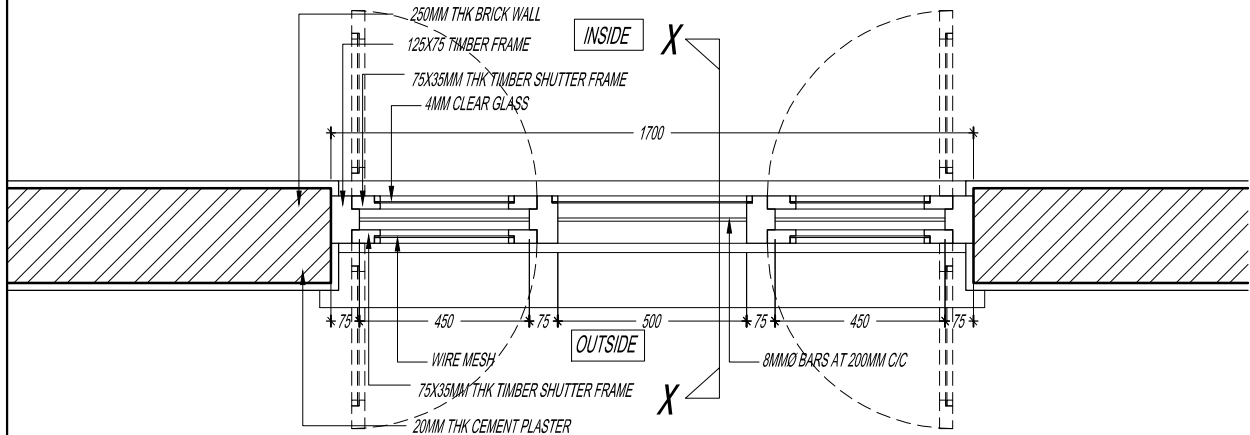
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Date	SEPTEMBER 1ST 2016
Drawn By	TSHEWANG GYELTSHEN
Design By	DINESH
Drawing Number	GEL AIRPORT FQ DW01
LEAPP Project Code	-----



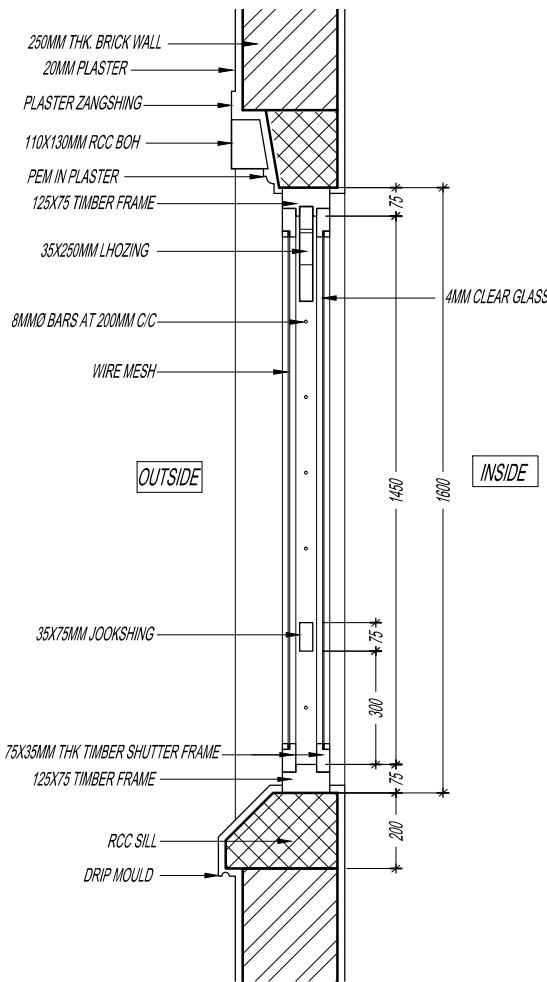
ELEVATION WITHOUT FLY MESH
SHUTTER (W1)



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.



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CIVIL AVIATION DEPARTMENT

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GELEPHU DOMESTIC AIRPC
DESIGN & SUPERVISION

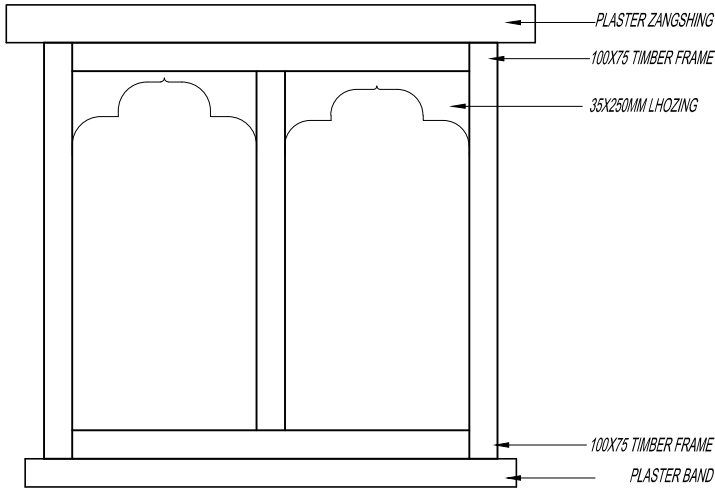
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QUARTERS.

Drawing Title

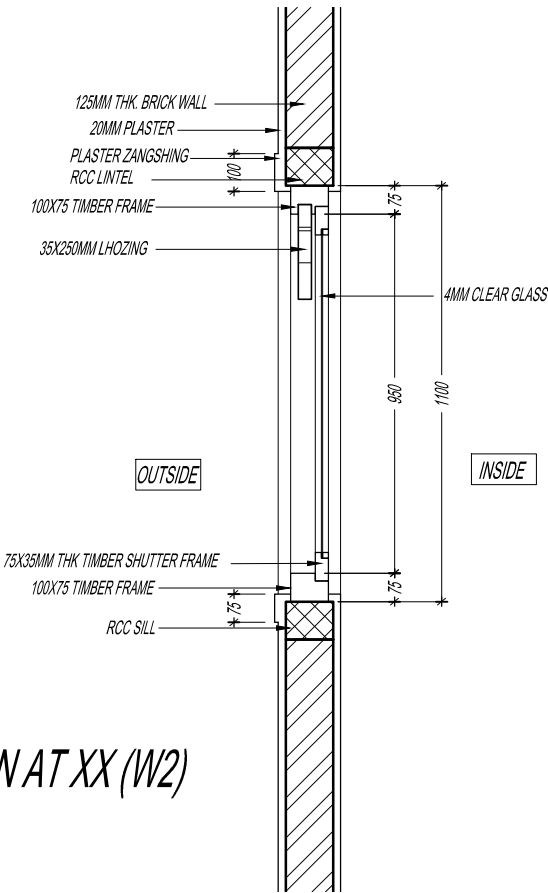
FAMILY QUARTER

WINDOW DETAIL W1

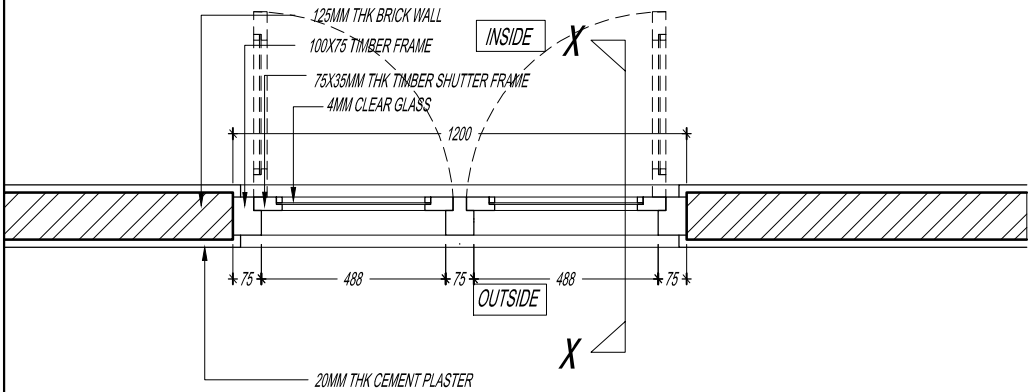
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Date	SEPTEMBER 1ST 2016
Drawn By	TSHEWANG GYELTSHEN
Design By	DINESH
Drawing Number	GEL AIRPORT FQ DW02
LEAPP Project Code	----



ELEVATION (W2)



SECTION AT XX (W2)



PLAN (W2)

- 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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Project Title

GELEPHU DOMESTIC AIRP
DESIGN & SUPERVISION

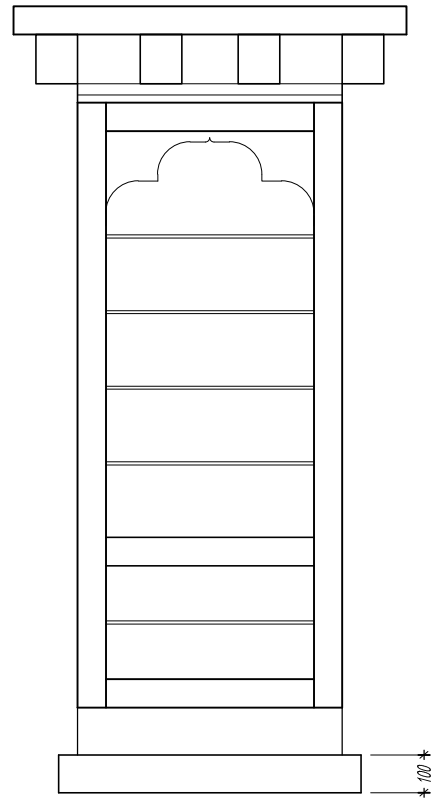
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QUARTERS.

Drawing Title

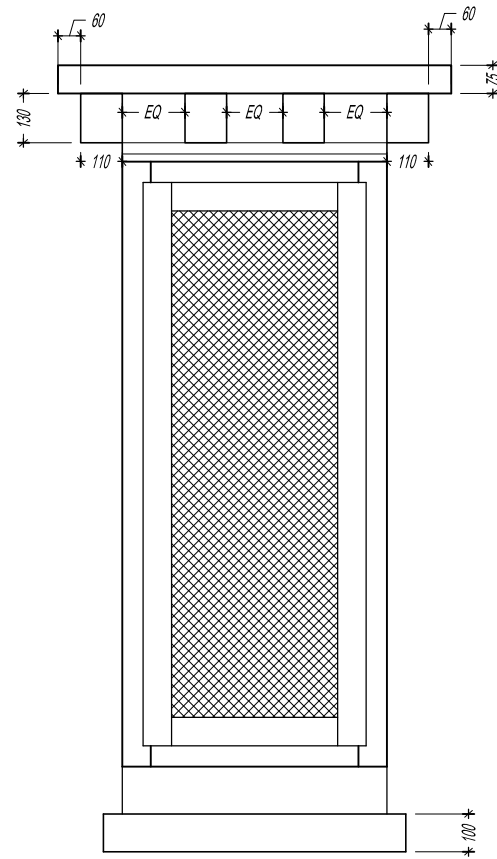
FAMILY QUARTER

WINDOW DETAIL W2

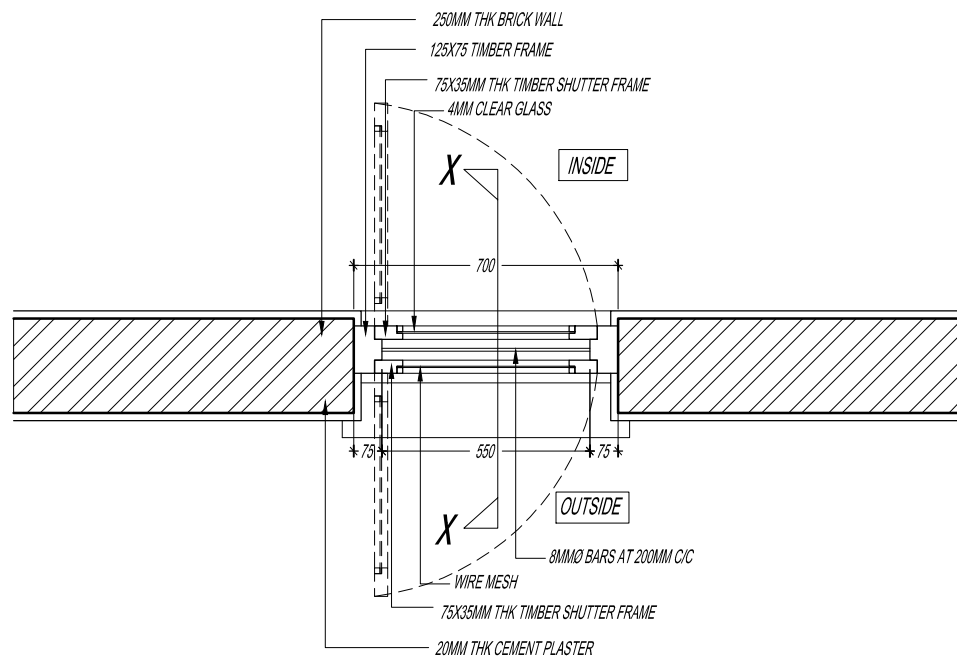
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Design By	DINESH
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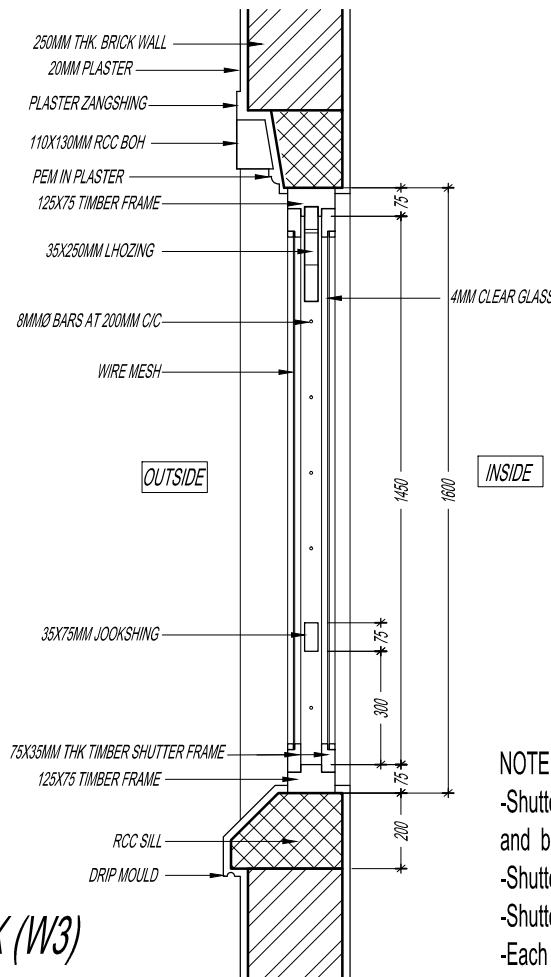
ELEVATION WITHOUT FLY MESH
SHUTTER (W3)



ELEVATION WITH FLY MESH
SHUTTER (W3)



PLAN (W3)



SECTION AT XX (W3)

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Gyaltshen Consultancy
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GELEPHU DOMESTIC AIRPC
DESIGN & SUPERVISION

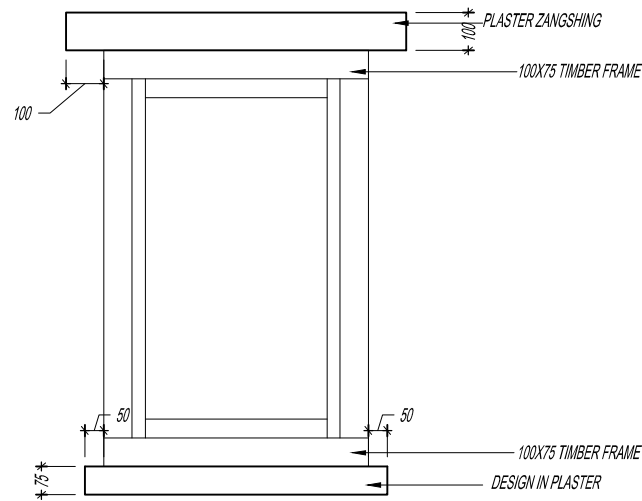
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QUARTERS.

Drawing Title

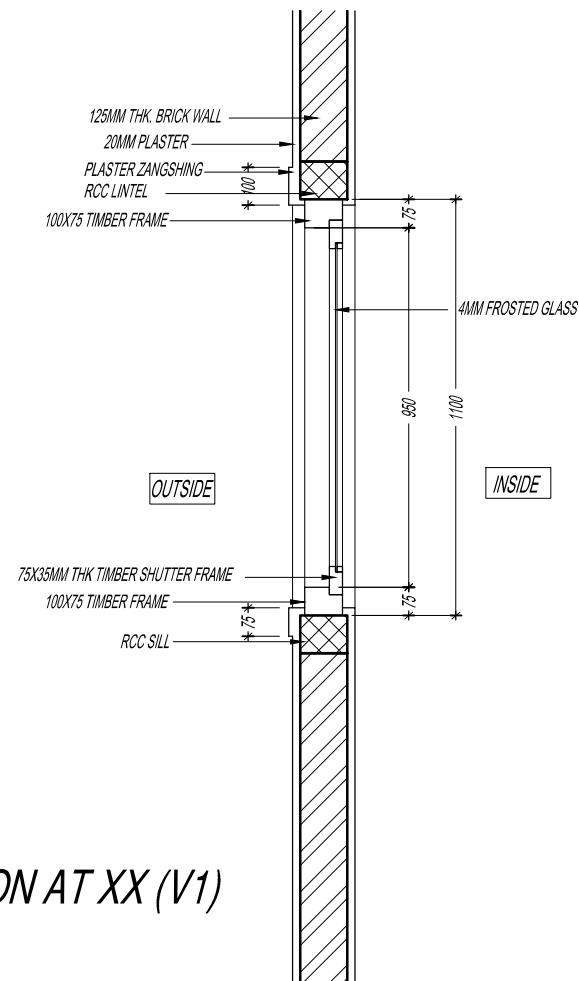
FAMILY QUARTER

WINDOW DETAIL W3

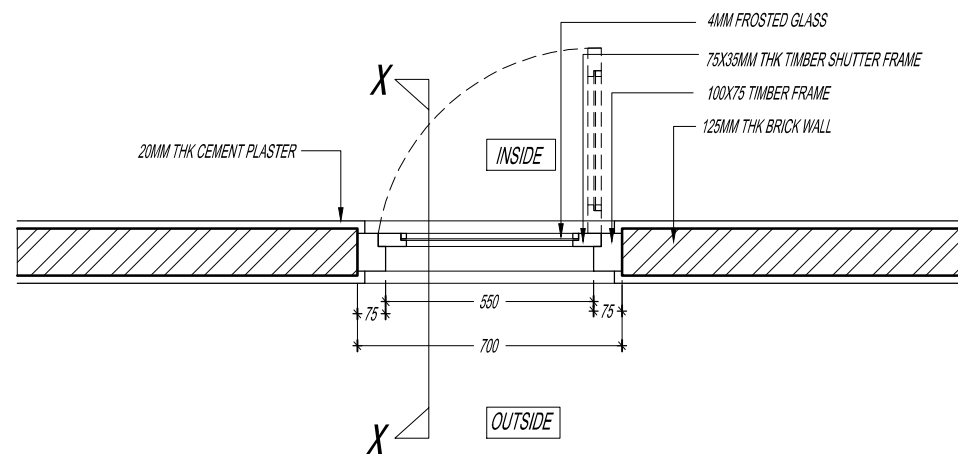
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Date	SEPTEMBER 1ST 2016
Drawn By	TSHEWANG GYELTSHEN
Design By	DINESH
Drawing Number	GEL AIRPORT FQ DW04
LEAPP Project Code	----



ELEVATION (V1)



SECTION AT XX (V1)



PLAN (V1)

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Client
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Aviation Planners & Engineers
Leading Edge Aviation Planning Professionals
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Gyaltshen Consultancy
Project Title

GELEPHU DOMESTIC AIRPC
DESIGN & SUPERVISION

DESIGN OF SECURITY
QUARTERS.

Drawing Title

FAMILY QUARTER

WINDOW DETAIL W3

Scale	1:20
Date	SEPTEMBER 1ST 2016
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Design By	DINESH
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Gyaltshen Consultancy

Project Title

GELEPHU DOMESTIC AIRPORT
DESIGN & SUPERVISION

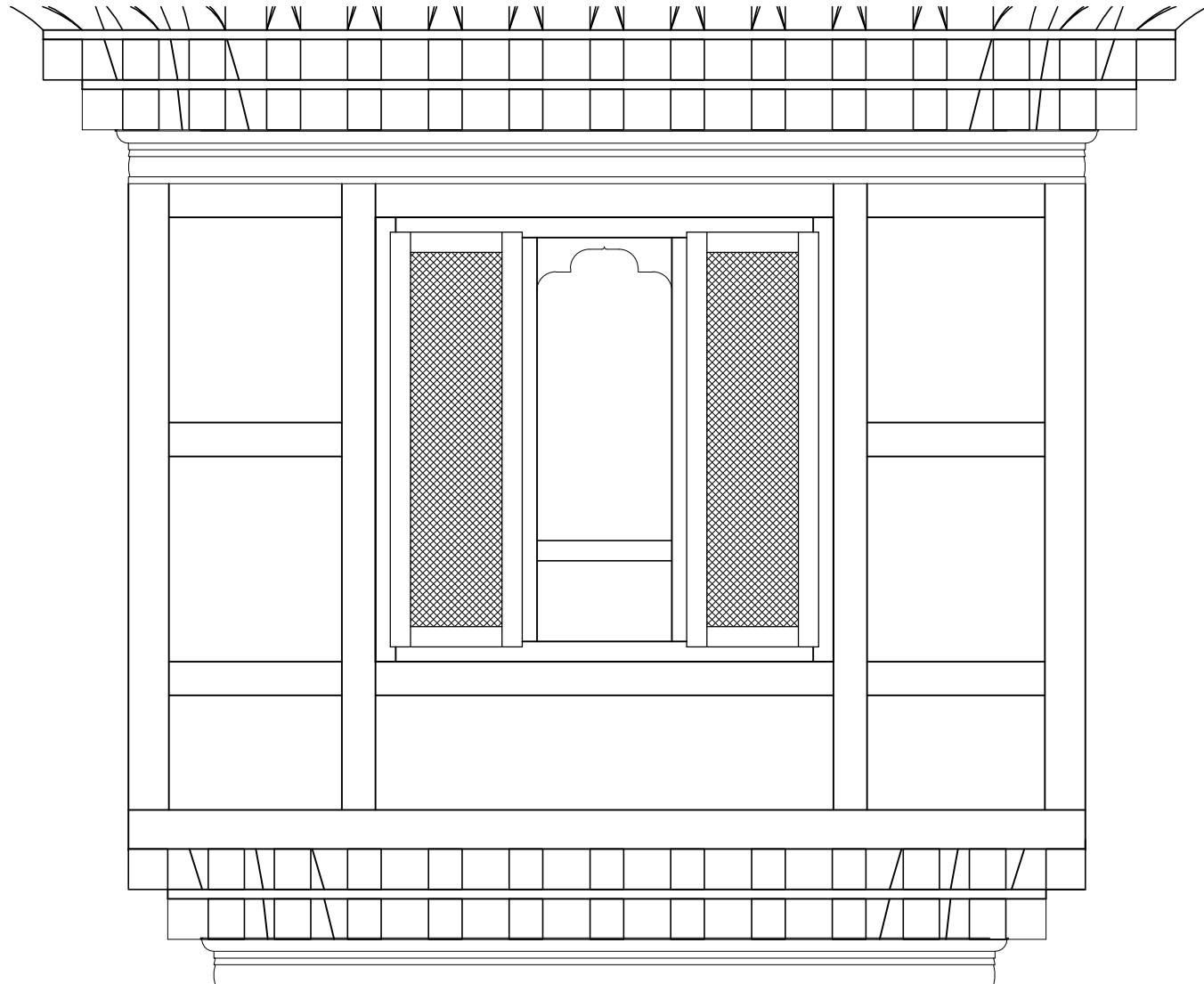
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Drawing Title

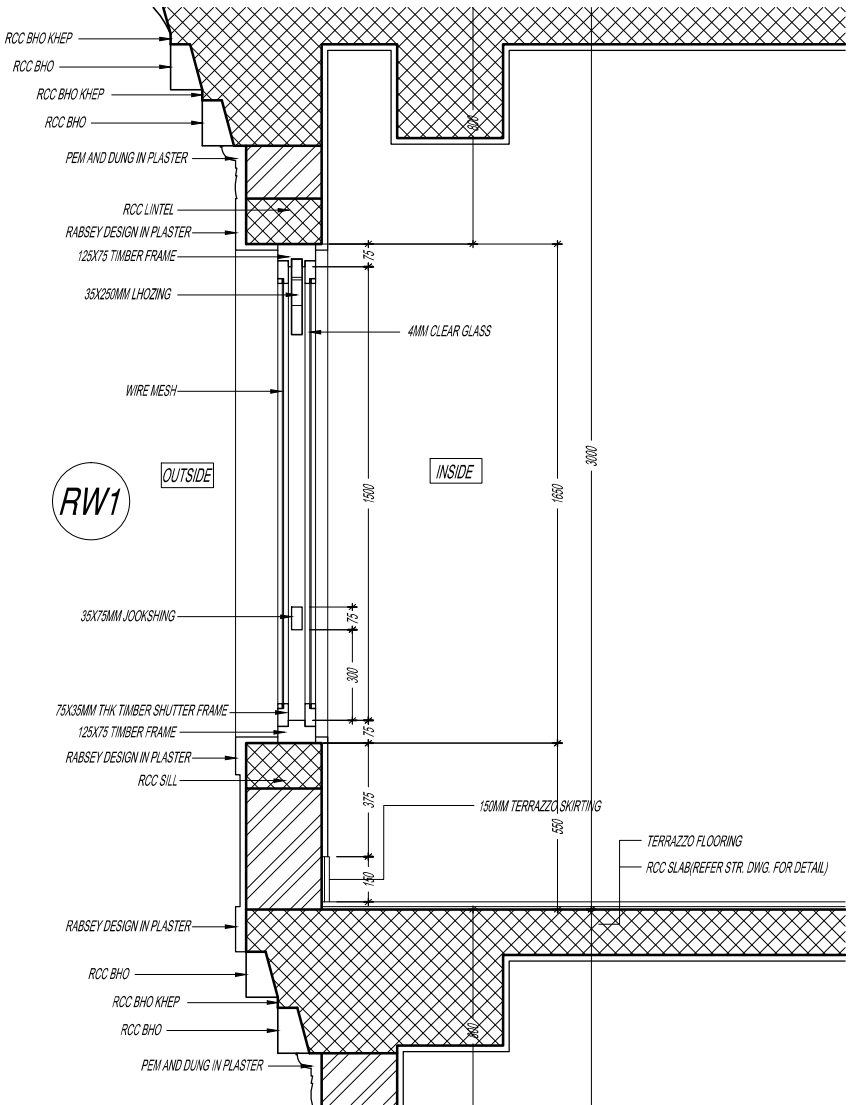
FAMILY QUARTER

WINDOW DETAIL RW1

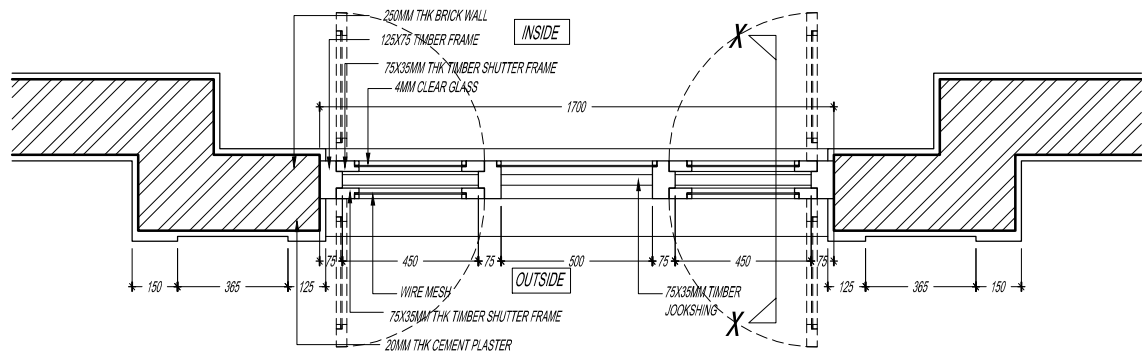
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Date	SEPTEMBER 1ST 2016
Drawn By	TSHEWANG GYELTSHEN
Design By	DINESH
Drawing Number	GEL AIRPORT FQ DW06
LEAPP Project Code	12246 20 Apron Design



ELEVATION (RW1)



SECTION AT XX (RW1)



PLAN (RW1)

NOTE:
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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

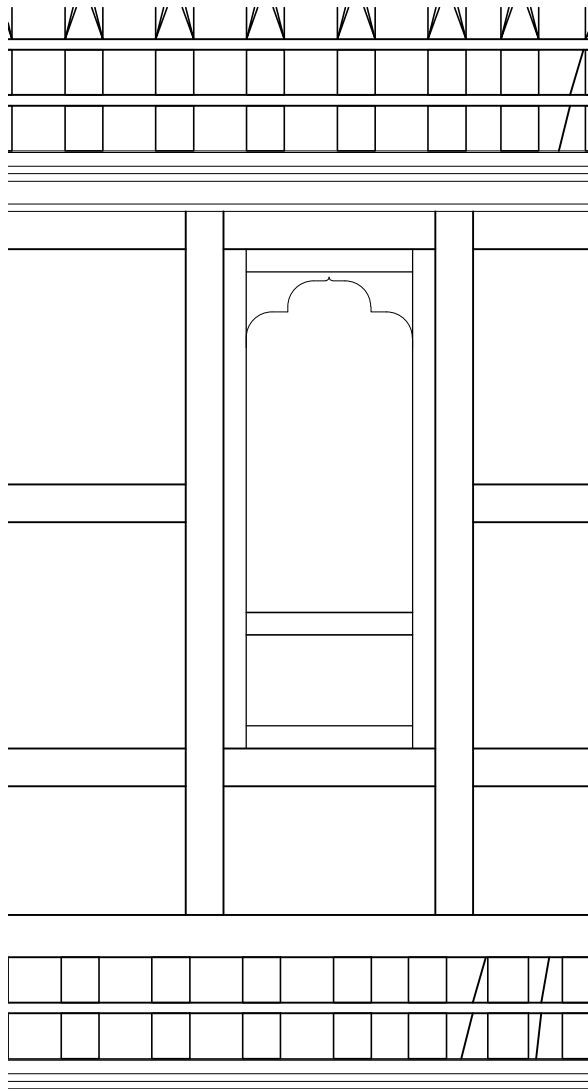
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Drawing Title

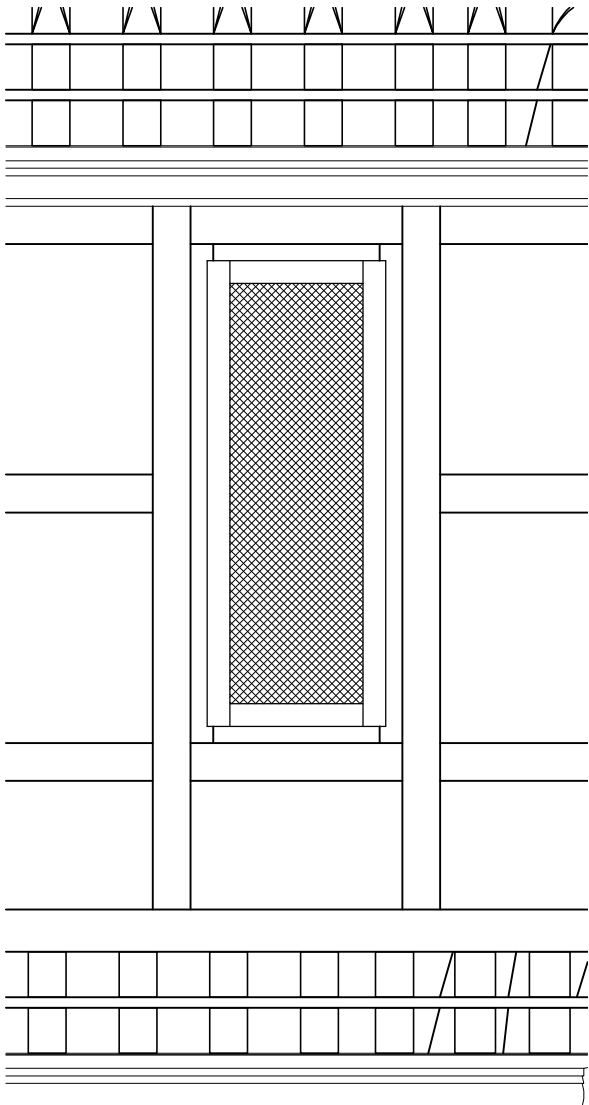
FAMILY QUARTER

WINDOW DETAIL RW2

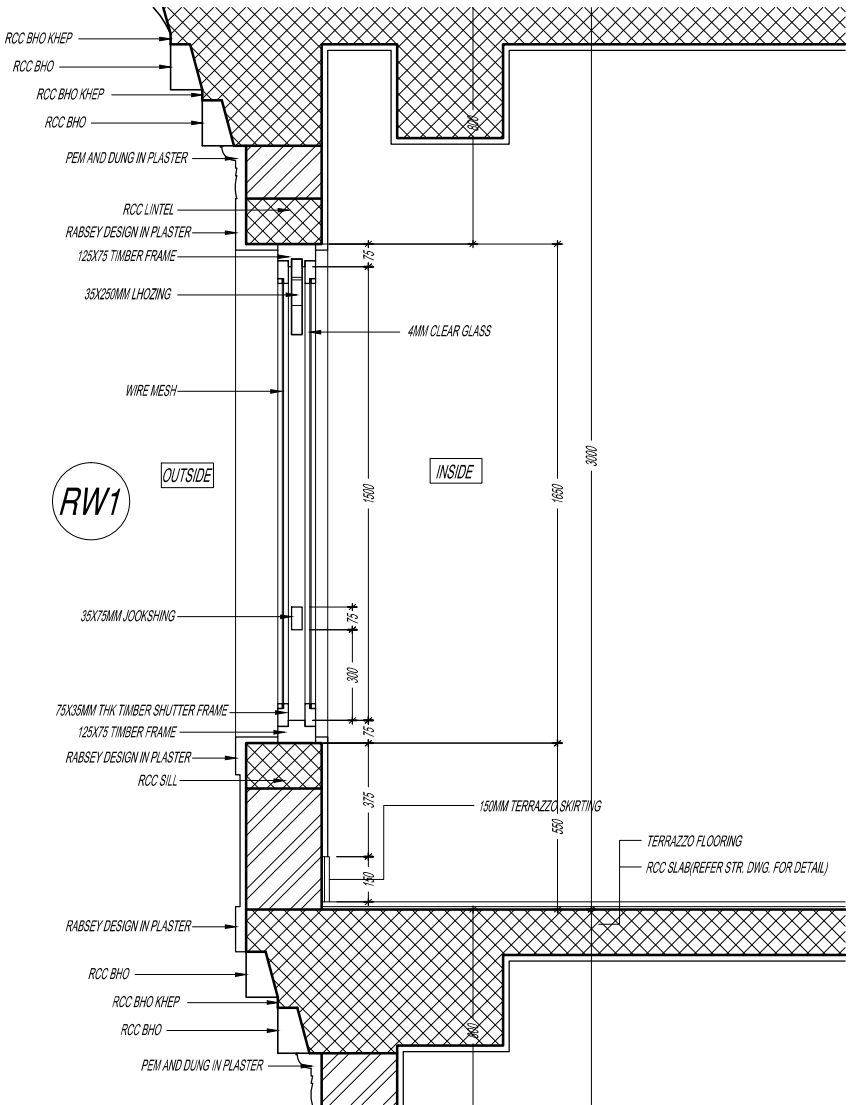
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Drawn By	TSHEWANG GYELTSHEN
Design By	DINESH
Drawing Number	GEL AIRPORT FQ DW07
LEAPP Project Code	12246 20 Apron Design



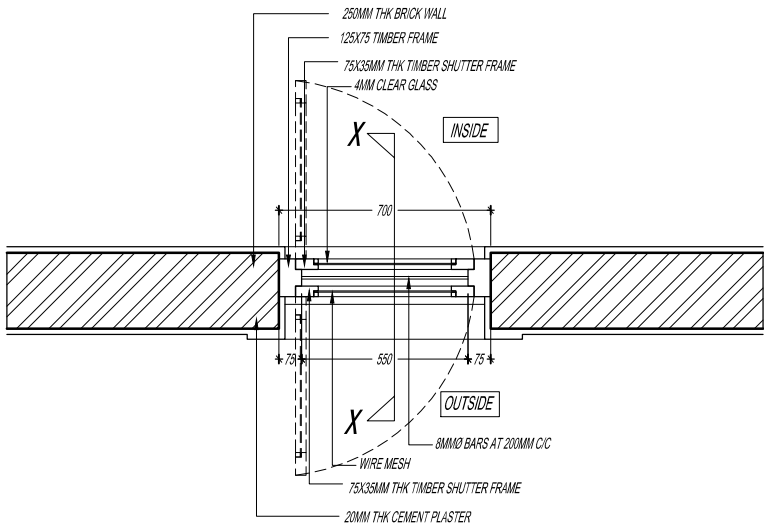
ELEVATION WITHOUT FLY
MESH SHUTTER (RW2)



ELEVATION WITH FLY
MESH SHUTTER (RW2)



SECTION AT XX (RW2)



PLAN (RW2)

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Project Title

GELEPHU DOMESTIC AIRPC
DESIGN & SUPERVISION

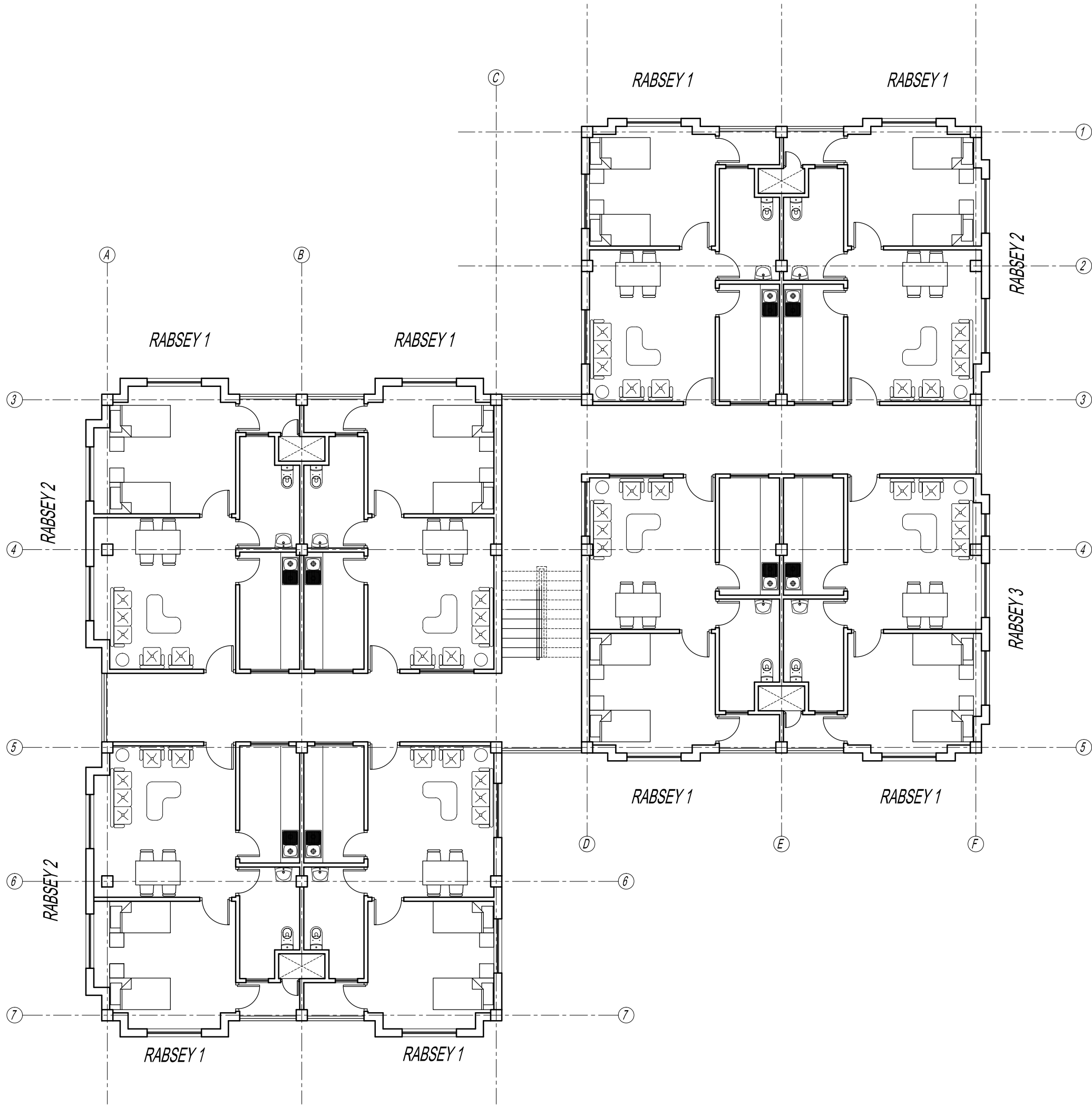
DESIGN OF SECURITY
QUARTERS.

Drawing Title

FAMILY QUARTER

RABSEY NUMBER

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





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GELEPHU DOMESTIC AIRP
DESIGN & SUPERVISION

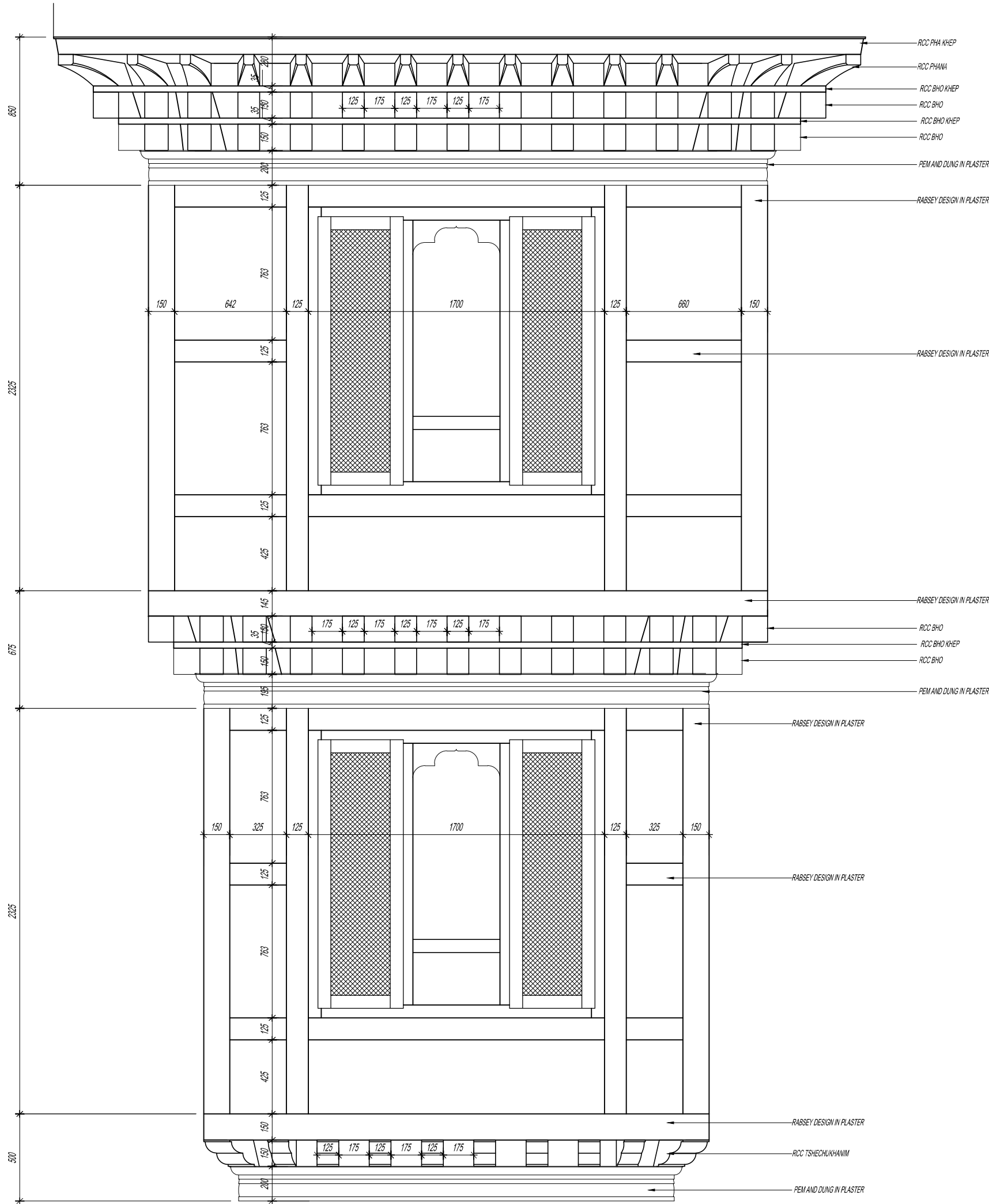
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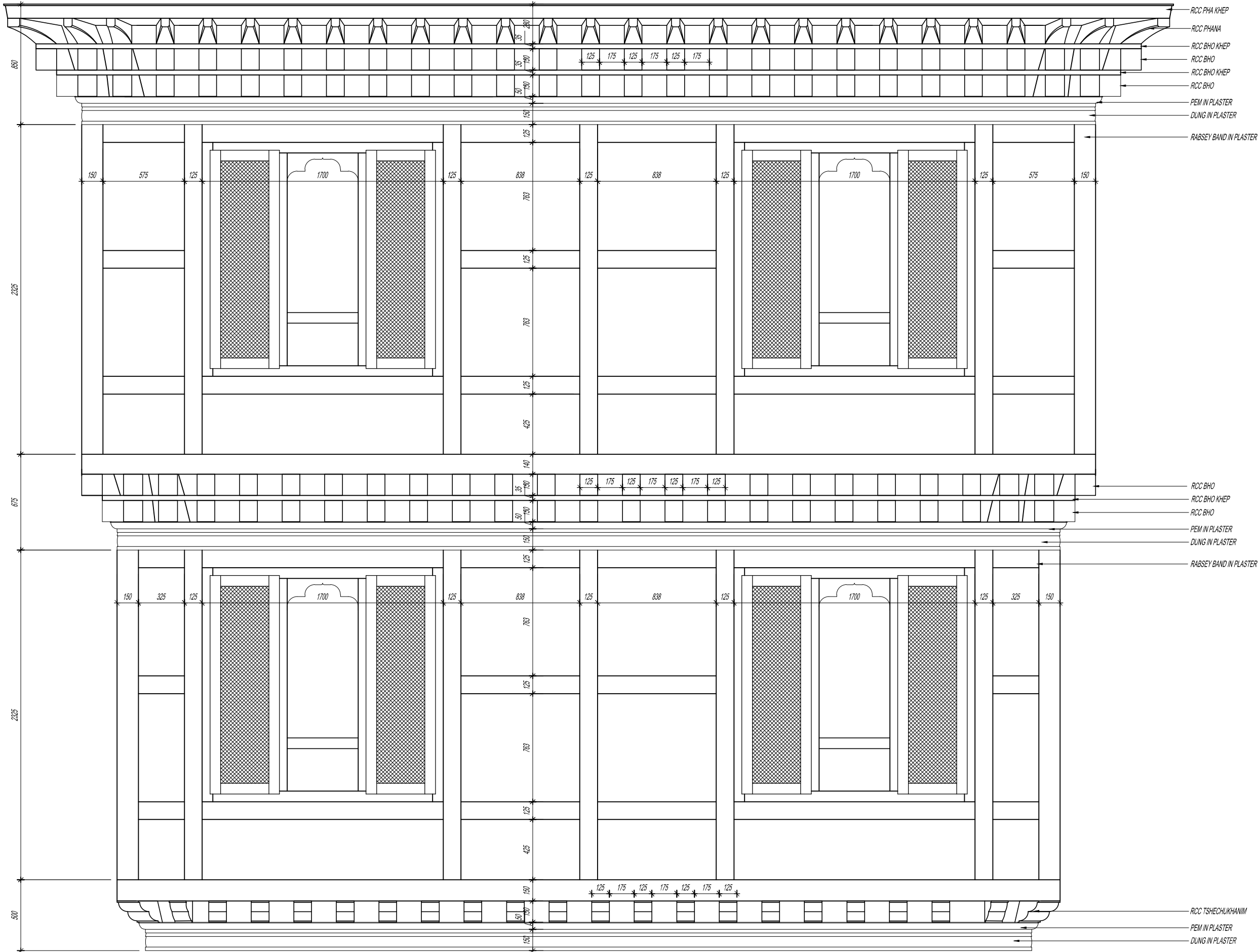
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FAMILY QUARTER

RABSEY DETAIL (RABSEY 1)

Scale	1:25
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Design By	DINESH
Drawing Number	GEL AIRPORT FQ DW09
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DESIGN & SUPERVISION

DESIGN OF SECURITY
QUARTERS.

Drawing Title

FAMILY QUARTER

RABSEY DETAIL (RABSEY 2)

Scale	1:25
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GELEPHU DOMESTIC AIRPORT DESIGN & SUPERVISION

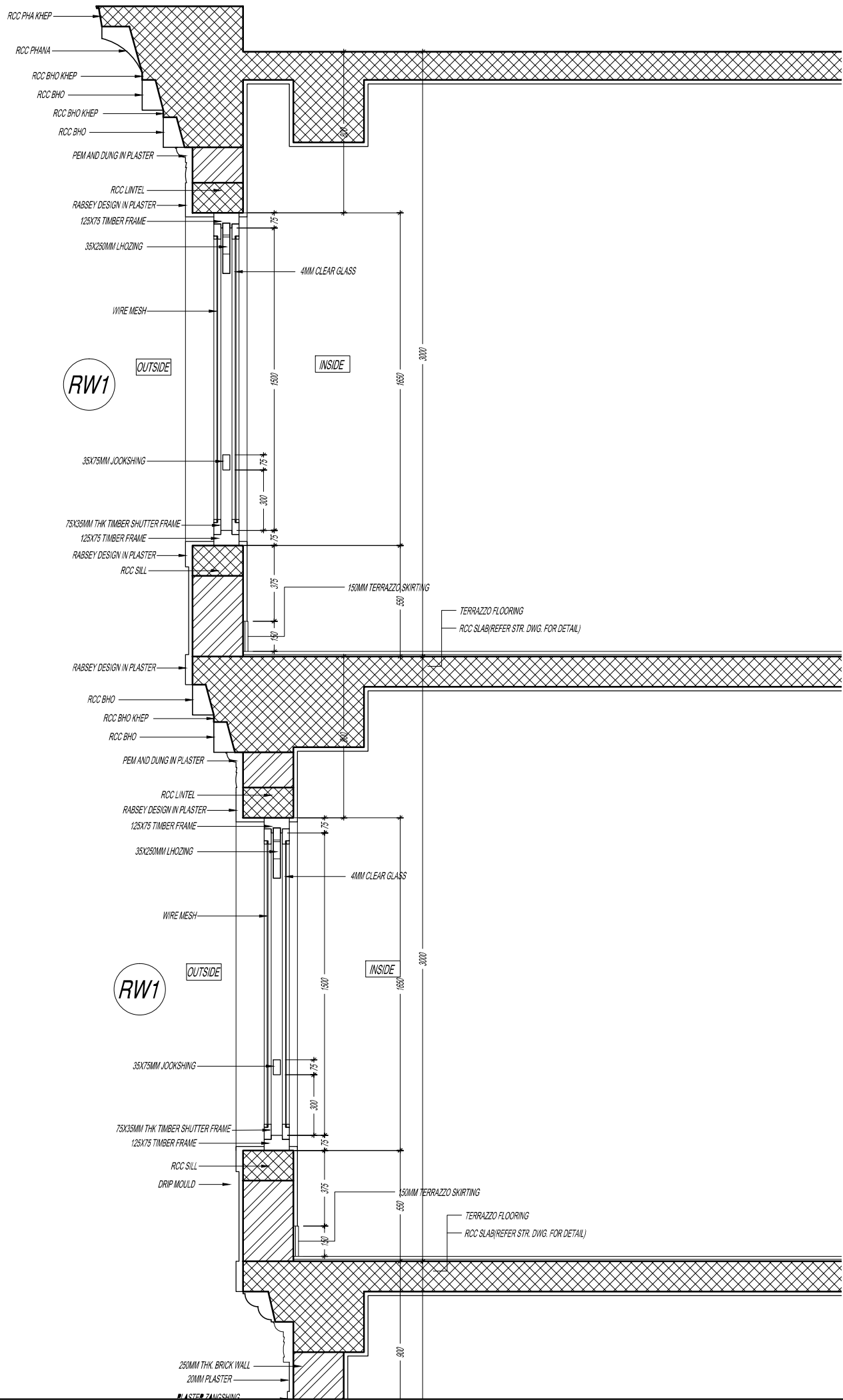
DESIGN OF SECURITY QUARTERS.

Drawing Title

FAMILY QUARTER

RABSEY DETAIL (RABSEY 3)

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Design By	DINESH
Drawing Number	GEL AIRPORT FQ DW11
LEAPP Project Code	----



TYPICAL RABSEY SECTION



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TYPICAL RABSEY DETAIL

Scale	1:25
Date	SEPTEMBER 1ST 2016
Drawn By	TSHEWANG GYELTSHEN
Design By	DINESH
Drawing Number	GEL AIRPORT FQ DW12
LEAPP Project Code	----