



ROYAL GOVERNMENT OF BHUTAN
DEPARTMENT OF AIR TRANSPORT

NOTE:

- ALL DIMENSIONS ARE IN MILLIMETERS UNLESS SPECIFIED OTHERWISE
- ALL RELATIVE LEVELS ARE IN METERS UNLESS SPECIFIED OTHERWISE
- ALL DIMENSIONS MEASURE UNFINISHED SURFACES UNLESS SPECIFIED OTH
- ALL DIMENSIONS ARE TO BE READ AND NOT SCALED OFF
- ANY DISCREPANCY IN DRAWING IS TO BE BROUGHT TO THE IMMEDIATE NO
- THE CONSULTANTS/SUPERVISION TEAM
- MINOR ADJUSTMENTS NEED TO BE CARRIED OUT ON SITE TO MATCH WITH I
- BUILDING

Legend

No.	Revision	Date

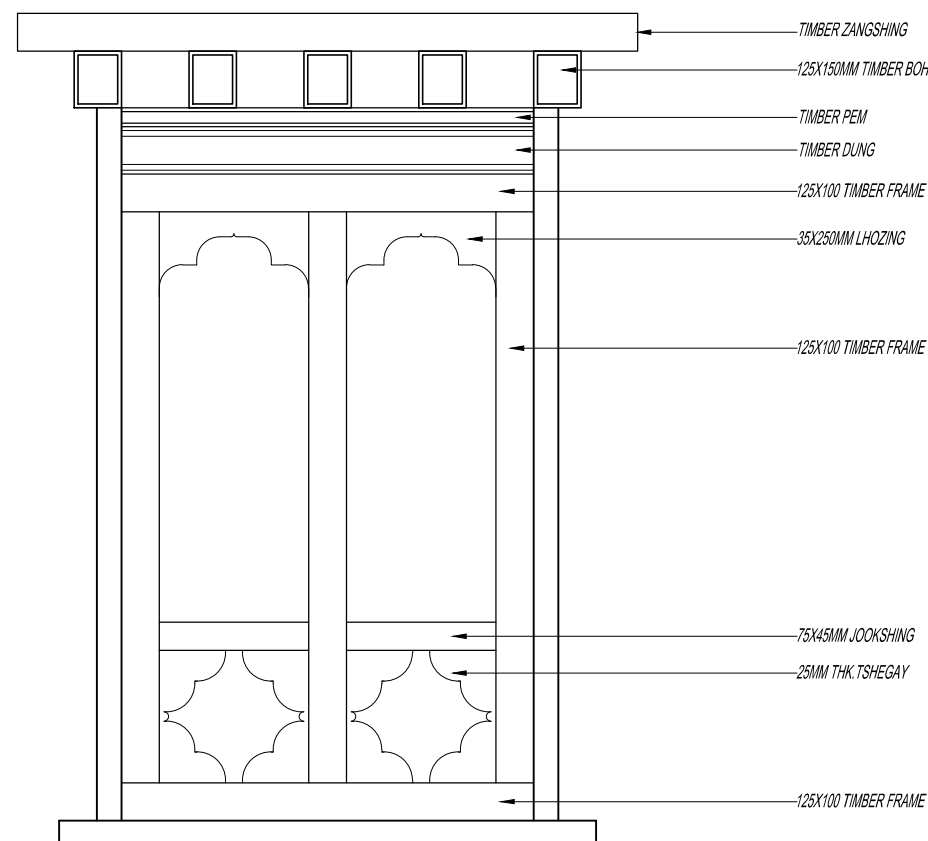
Client
Ministry of Information and Communications Department of Air Transport
Aviation Planners & Engineers Leading Edge Aviation Planning Professionals
Architect Tullamore Group
Civil Engineering Consultant Gyaltshen Consultancy
Project Title

**BHUTAN DOMESTIC AIRPORT
DESIGN AND SUPERVISION
BUMTHANG AIRPORT
PASSENGER TERMINAL.**

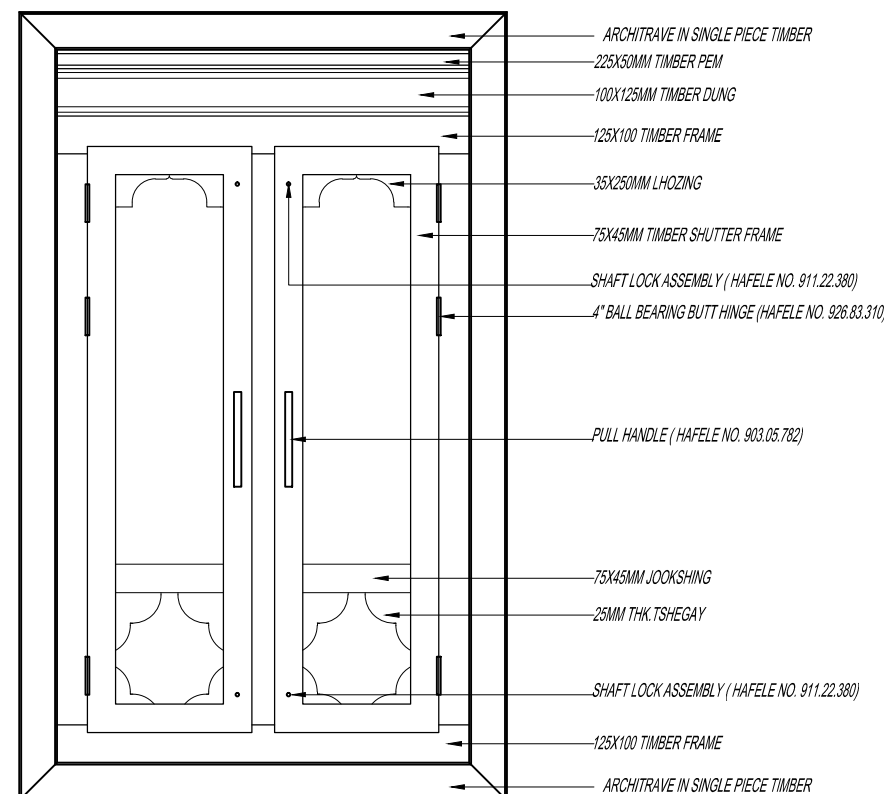
Drawing Title

WINDOW DETAIL W01

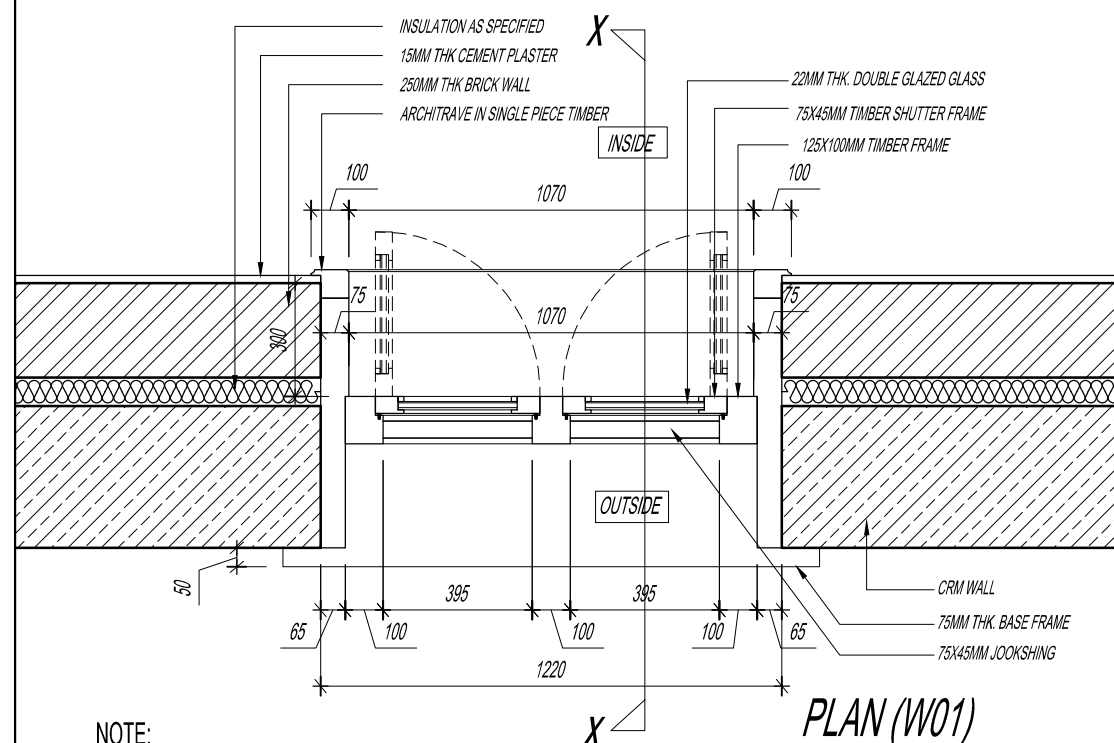
Scale	1:20 @ A3
Date	JAN 2017
Drawn By	TSHEWANG GYELTSHEN
Design By	DINESH
Drawing Number	12246 WD 01
LEAPP Project Code	12246



EXTERNAL ELEVATION (W01)



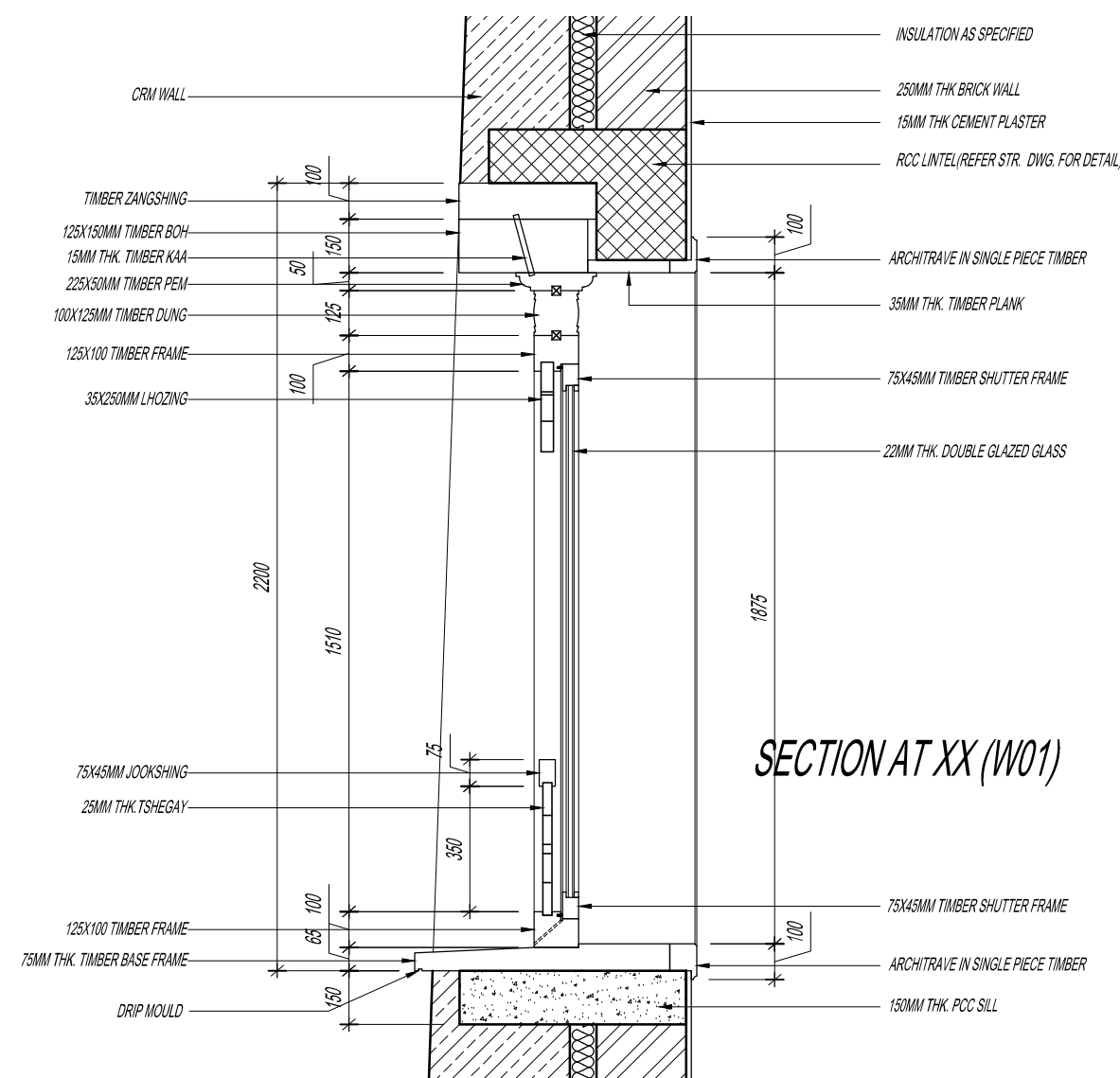
INTERNAL ELEVATION (W01)



PLAN (W01)

NOTE:

- Each openable shutter to be provided with 2 nos Hafele shaft lock assembly as specified at top and bottom. Each shaft lock assembly will be accompanied by 1 no. locking sleeve No. 234.59.994
- Each openable shutter to be provided with Hafele handle as specified at mid level
- Each openable shutter to be provided with 3 nos 4" Hafele ball bearing butt hinges as specified.
- Each openable shutter to be provided with Hafele rubber seal brown (No. 950.09.522)
- Each frame to be provided with 6 nos. 150mm hold fast.
- All Hafele fittings should be in SS Matt finish.
- Gaps between (fixed shutter and frame, wall and timber frame, etc) should be sealed with silicon just before handing over the building to the client.
- Minor adjustment in the size of the window/door should be done at the site if the window/door lies between two RCC structures



SECTION AT XX (W01)



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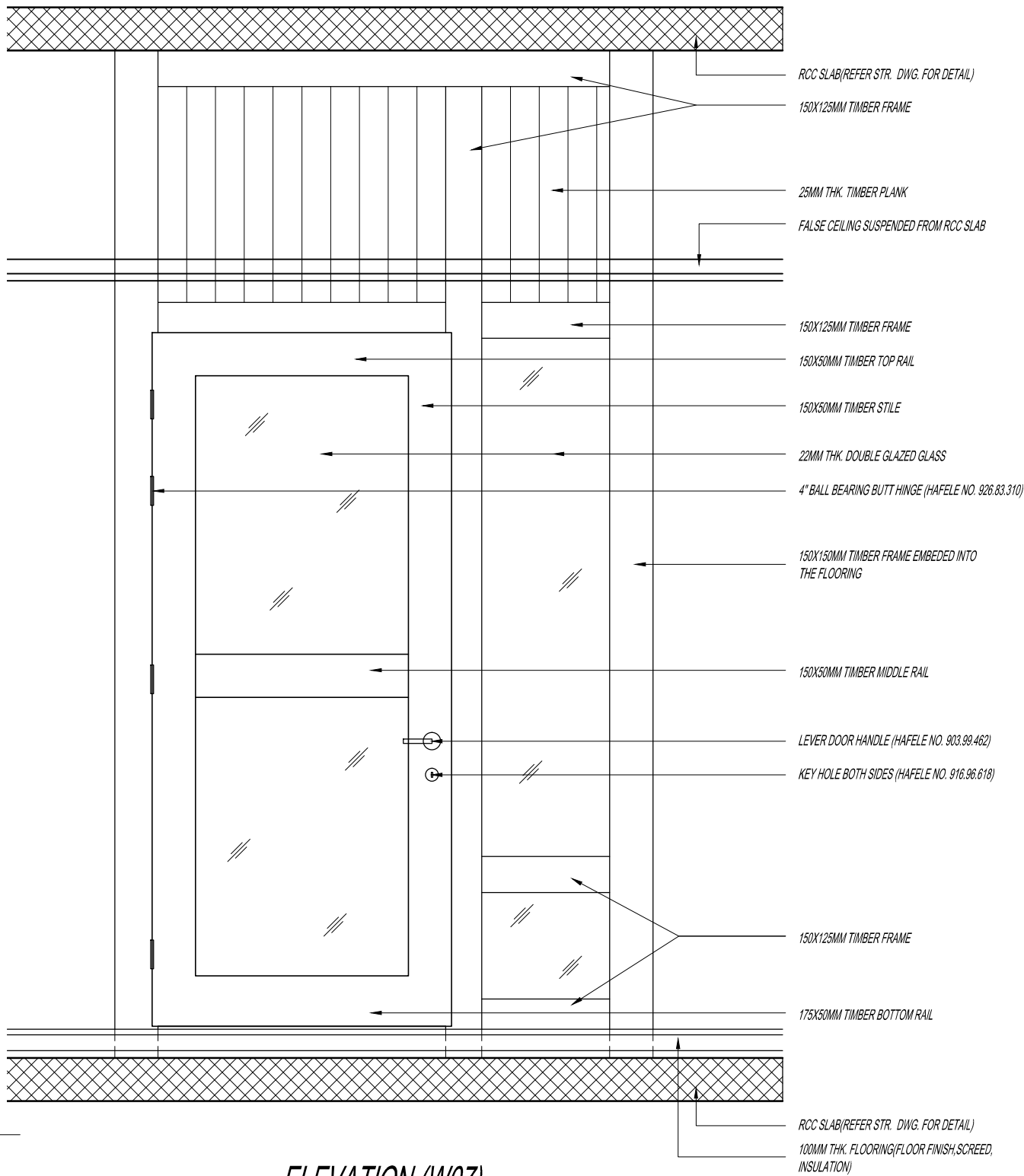
Project Title

BHUTAN DOMESTIC AIRPOF
DESIGN AND SUPERVISION
BUMTHANG AIRPORT
PASSENGER TERMINAL.

Drawing Title

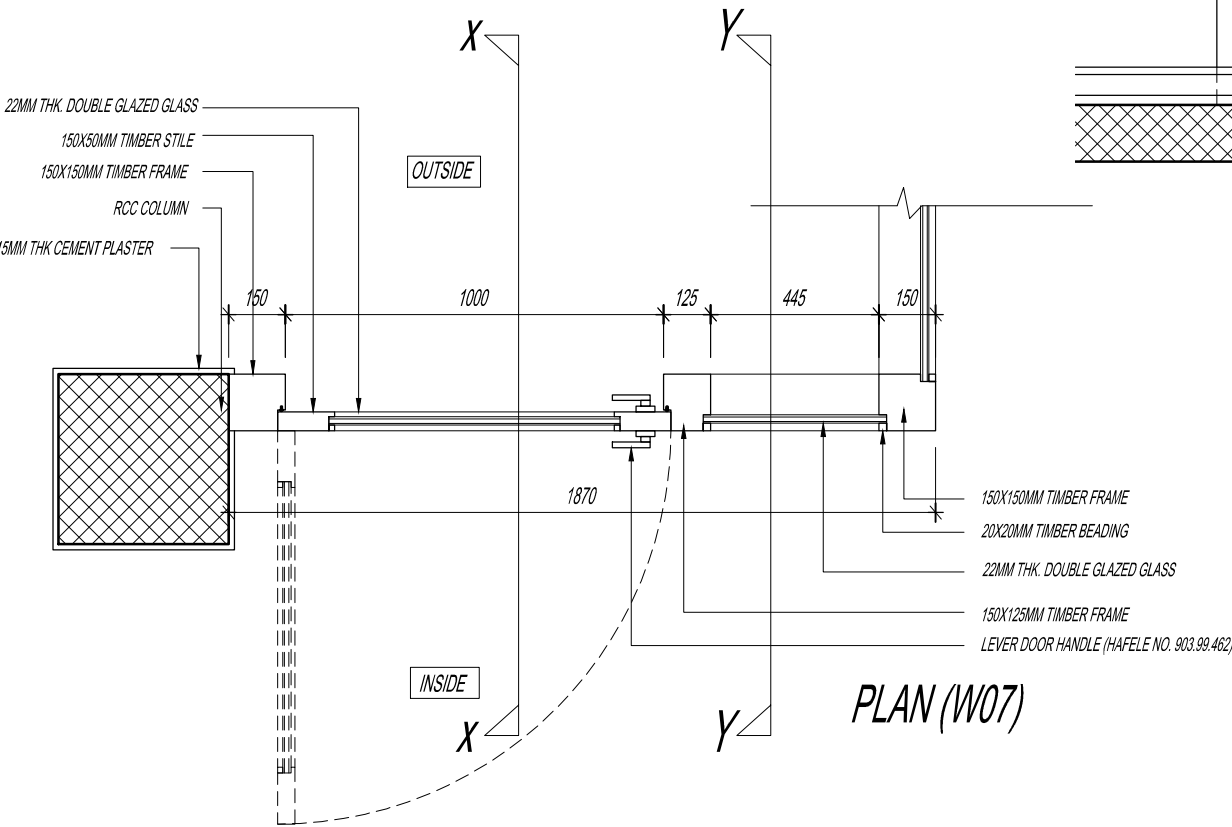
WINDOW DETAIL W07

Scale	1:20 @ A3
Date	JAN 2017
Drawn By	TSHEWANG GYELTSHEN
Design By	DINESH
Drawing Number	12246 WD 01
LEAPP Project Code	12246



ELEVATION (W07)

NOTE:
-Shutter to be provided with Hafele door handle as specified at 950mm from FFL
-Shutter to be provided with 4" , 4 nos Hafele ball bearing butt hinges as specified.
-Shutter to be provided with 1 no Hafele Mortise lock case (No. 911.02.124)
-Shutter to be provided with 1 no Hafele Euro profile cylinder with key hole on both sides (No. 916.96.618)
-Shutter to be provided with 1 no Hafele concealed door closer (No. 931.84.439)
-Shutter to be provided with Hafele rubber seal brown (No. 950.09.522)
-Timber frames to be bolted on floor and slab as necessary/stability of the frame.
-All Hafele fittings should be in SS Matt finish.
-Gaps between (fixed shutter and frame, wall and timber frame, etc) should be sealed with silicon just before handing over the building to the client.
-Minor adjustment in the size of the window/door should be done at the site if the window/door lies between two RCC structures



PLAN (W07)



ROYAL GOVERNMENT OF BHUTAN
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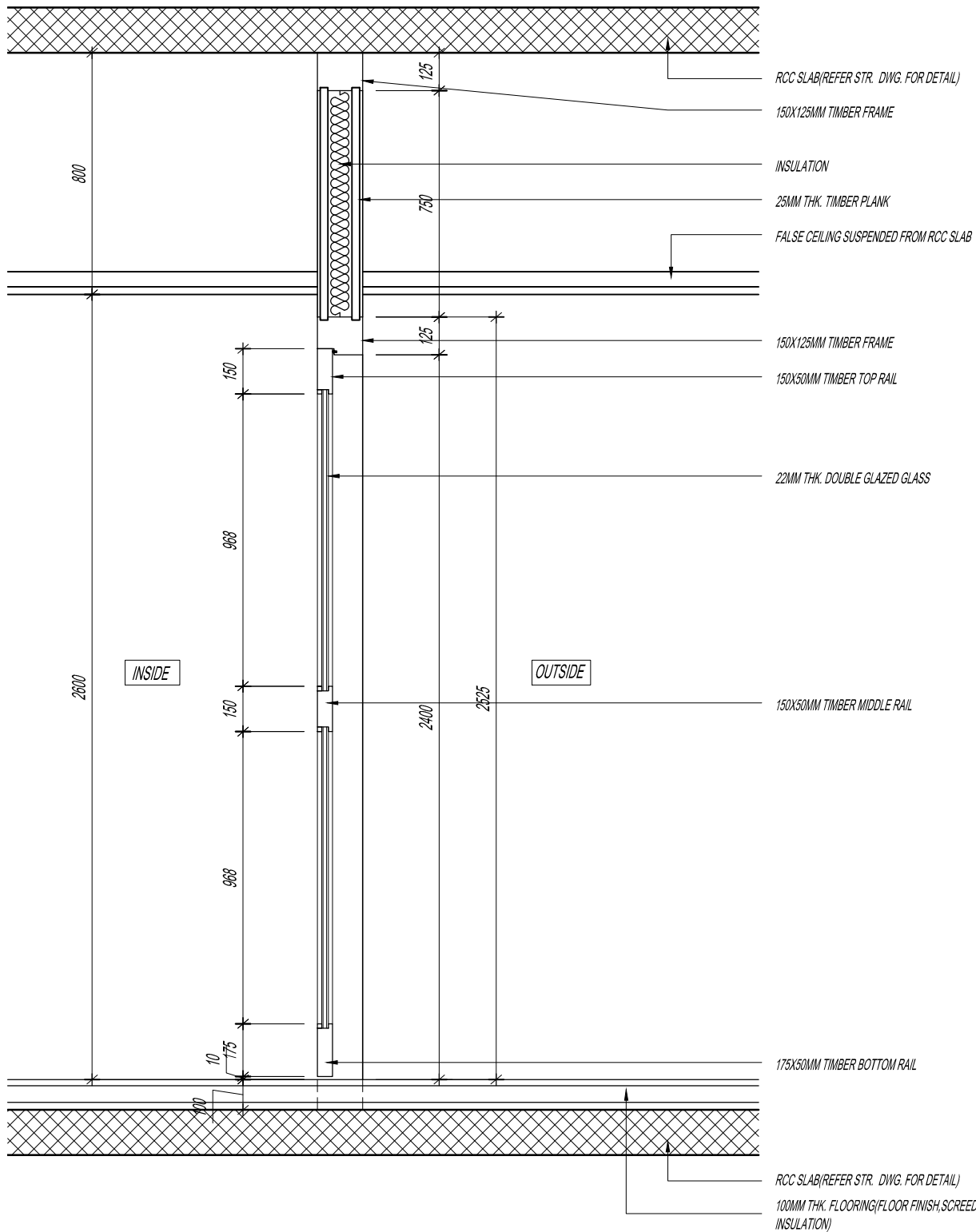
Project Title

BHUTAN DOMESTIC AIRPORT
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PASSENGER TERMINAL.

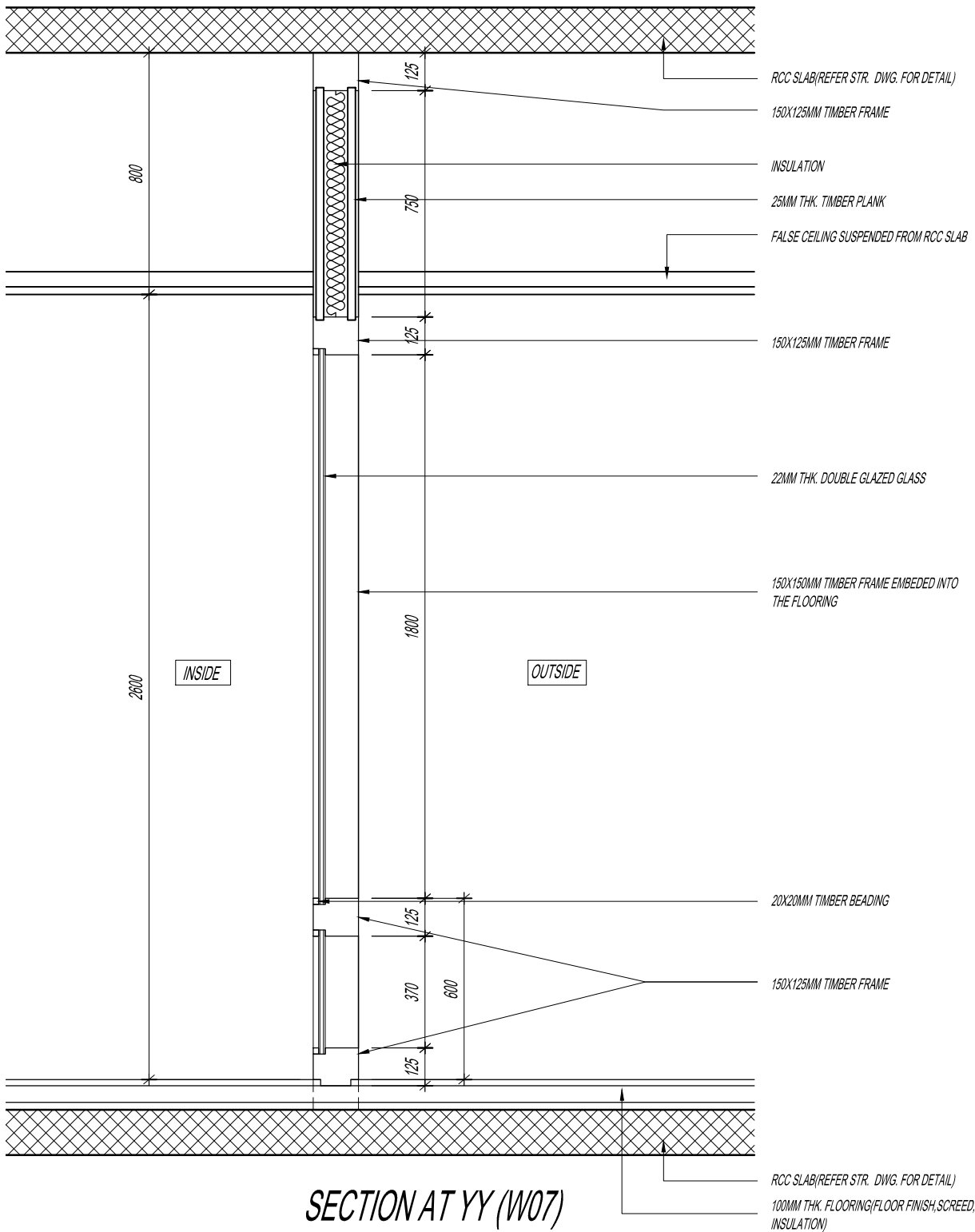
Drawing Title

WINDOW DETAIL W07

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Drawn By	TSHEWANG GYELTSHEN
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SECTION AT XX (W07)



SECTION AT YY (W07)

NOTE:
-Shutter to be provided with Hafele door handle as specified at 950mm from FFL
-Shutter to be provided with 4", 4 nos Hafele ball bearing butt hinges as specified.
-Shutter to be provided with 1 no Hafele Mortise lock case (No. 911.02.124)
-Shutter to be provided with 1 no Hafele Euro profile cylincer with key hole on both sides (No. 916.96.618)
-Shutter to be provided with 1 no Hafele concealed door closer (No. 931.84.439)
-Shutter to be provided with Hafele rubber seal brown (No. 950.09.522)
-Each frame to be provided with 4 nos. 150mm hold fast.
-All Hafele fittings should be in SS Matt finish.
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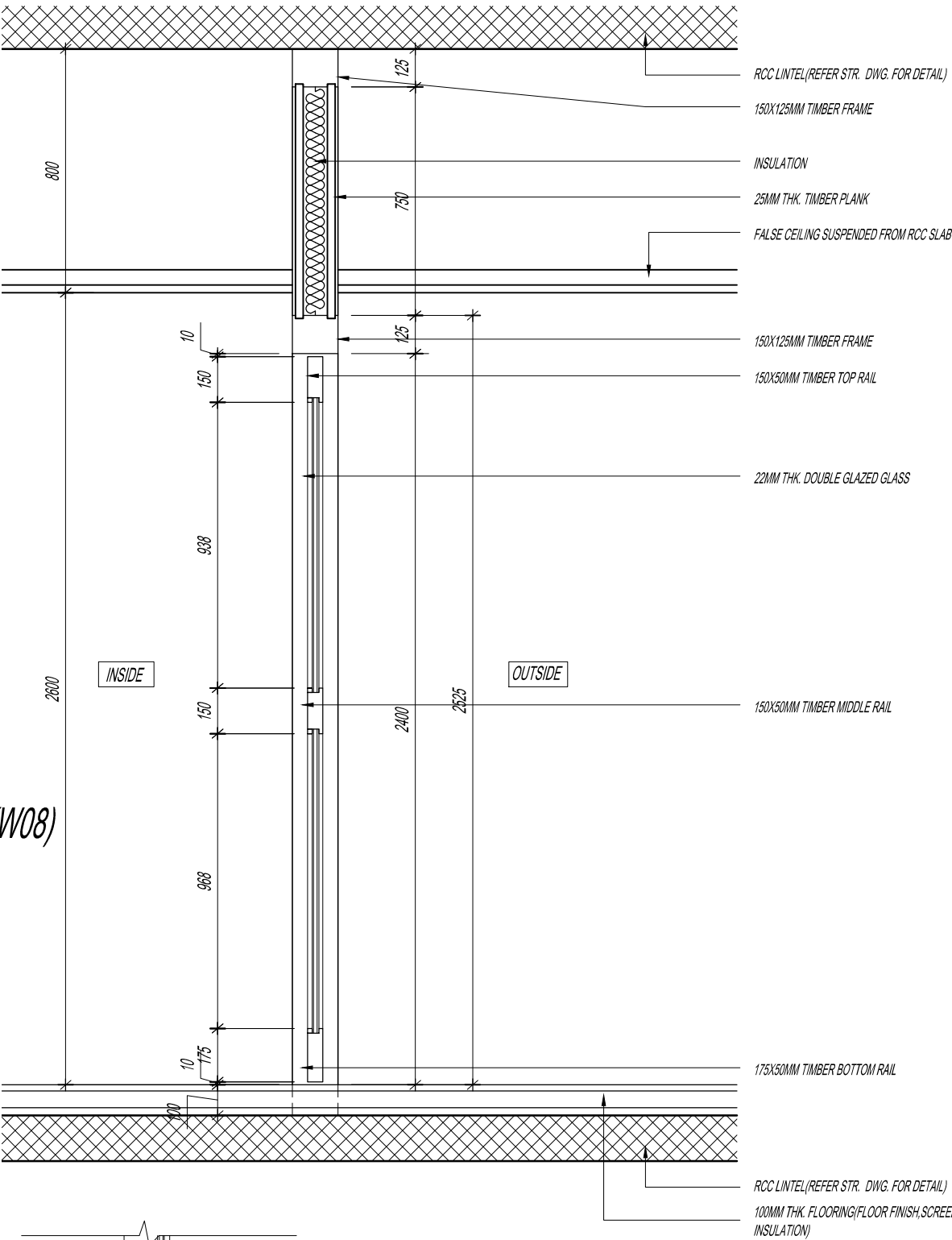
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PASSENGER TERMINAL.

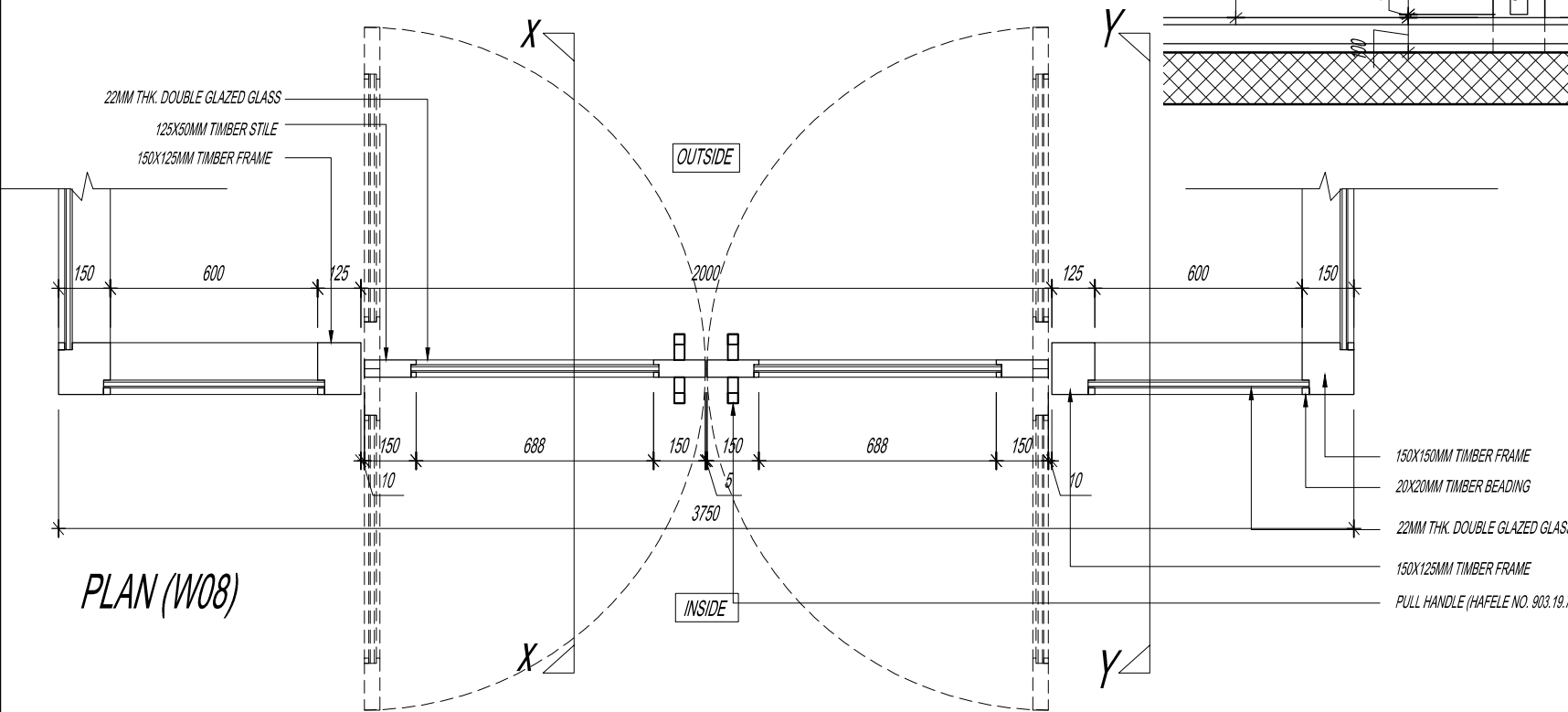
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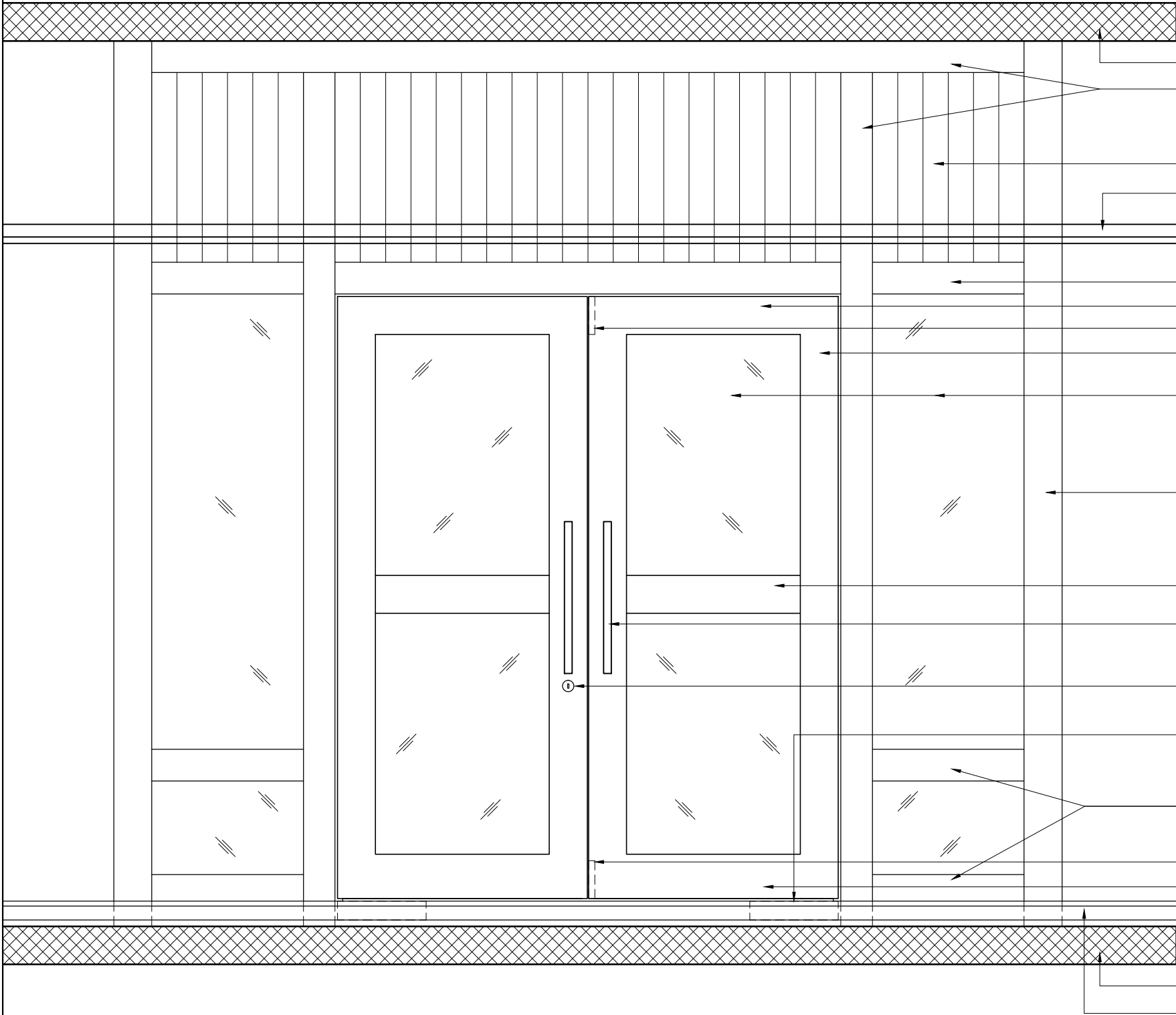
WINDOW DETAIL W08

Scale	1:20 @ A3
Date	JAN 2017
Drawn By	TSHEWANG GYELTSHEN
Design By	DINESH
Drawing Number	12246 WD 01
LEAPP Project Code	12246



NOTE:
-Shutter to be provided with Hafele door handle as specified at mid level
-Shutter to be provided with Hafele floor spring with timber door accessory as specified.
-Shutter to be provided with 1 no Hafele Mortise cylinder dead bolt (No. 911.22.551)
-Shutter to be provided with 1 no Hafele Euro profile cylinder with key hole on both sides (No. 916.96.618)
-Shutter to be provided with 2 nos Hafele flush bolt as specified
-Shutter to be provided with Hafele dust proof strike for the lower flush bolt as specified
-Timber frames to be bolted on floor and slab as necessary/stability of the frame.
-All Hafele fittings should be in SS Matt finish.
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RCC SLAB(REFER STR. DWG. FOR DETAIL)

150X125MM TIMBER FRAME

23MM THK. TIMBER PLANK

FALSE CEILING SUSPENDED FROM RCC SLAB

150X125MM TIMBER FRAME

150X50MM TIMBER TOP RAIL

FLUSH BOLT (HAFELE NO. 911.62.571)

150X50MM TIMBER STILE

22MM THK. DOUBLE GLAZED GLASS

150X150MM TIMBER FRAME EMBEDDED INTO THE FLOORING

150X50MM TIMBER MIDDLE RAIL

PULL HANDLE (HAFELE NO. 903.19.736)

KEY HOLE BOTH SIDES (HAFELE NO. 916.96.618)

FLOOR SPRING (HAFELE NO. 932.79.030) WITH TIMBER DOOR ACCESSORY (HAFELE NO. 932.79.090)

150X125MM TIMBER FRAME

FLUSH BOLT (HAFELE NO. 911.62.571) WITH DUST PROOF STRIKE (HAFELE NO. 911.62.158) ONLY ON LOWER FLUSH BOLT.

175X50MM TIMBER BOTTOM RAIL

RCC LINTEL(REFER STR. DWG. FOR DETAIL)

100MM THK. FLOORING(FLOOR FINISH,SCREED, INSULATION)

ELEVATION (W08)

NOTE:

- Shutter to be provided with Hafele door handle as specified at mid level
- Shutter to be provided with Hafele floor spring with timber door accessory as specified.
- Shutter to be provided with 1 no Hafele Mortise cylinder dead bolt (No. 911.22.551)
- Shutter to be provided with 1 no Hafele Euro profile cylinder with key hole on both sides (No. 916.96.618)
- Shutter to be provided with 2 nos Hafele flush bolt as specified
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Legend

No.	Revision	Date

Client

Ministry of Information and Communications
Department of Ait Transport

Aviation Planners & Engineers

Leading Edge Aviation Planning Professionals

Architect

Tullamore Group

Civil Engineering Consultant

Gyaltshen Consultancy

Project Title

BHUTAN DOMESTIC AIRPOF
DESIGN AND SUPERVISION
BUMTHANG AIRPORT
PASSENGER TERMINAL.

Drawing Title

WINDOW DETAIL W08

Scale	1:20 @ A3
Date	JAN 2017
Drawn By	TSHEWANG GYELTSHEN
Design By	DINESH
Drawing Number	12246 WD 01
LEAPP Project Code	12246



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Gyaltshen Consultancy

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DESIGN AND SUPERVISION
BUMTHANG AIRPORT
PASSENGER TERMINAL.

Drawing Title

WINDOW DETAIL W08

Scale 1:20 @ A3

Date JAN 2017

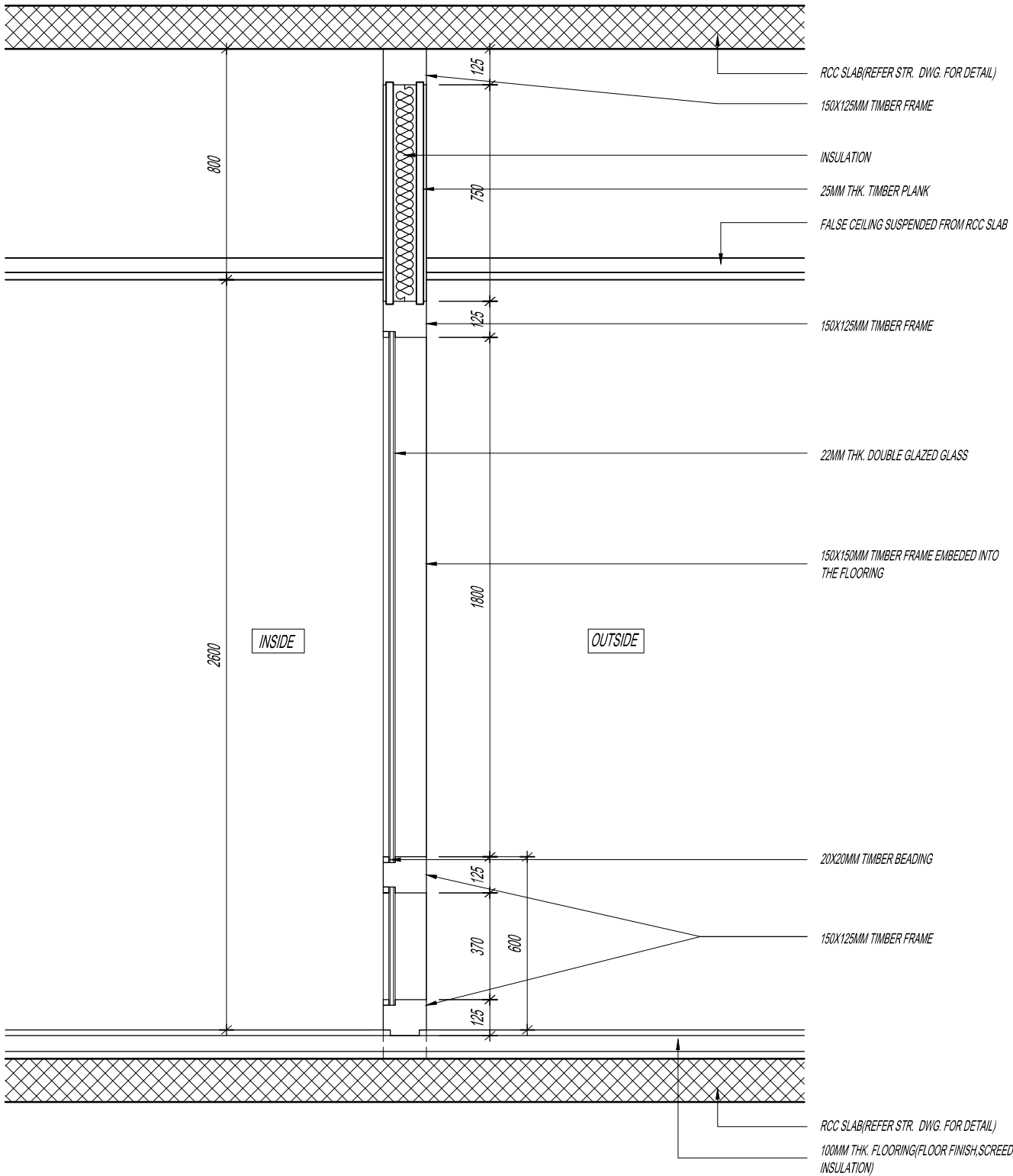
Drawn By TSHEWANG GYELTSHEN

Design By DINESH

Drawing Number
12246 WD 01

LEAPP Project Code
12246

R
R



SECTION AT YY (W08)

NOTE:
-Shutter to be provided with Hafele door handle as specified at mid level
-Shutter to be provided with Hafele floor spring with timber door accessory as specified.
-Shutter to be provided with 1 no Hafele Mortise cylinder dead bolt (No. 911.22.551)
-Shutter to be provided with 1 no Hafele Euro profile cylinder with key hole on both sides (No. 916.96.618)
-Shutter to be provided with 2 nos Hafele flush bolt as specified
-Shutter to be provided with Hafele dust proof strike for the lower flush bolt as specified
-Timber frames to be bolted on floor and slab as necessary/stability of the frame.
-All Hafele fittings should be in SS Matt finish.
-Gaps between (fixed shutter and frame, wall and timber frame, etc) should be sealed with silicon just before handing over the building to the client.
-Minor adjustment in the size of the window/door should be done at the site if the window/door lies between two RCC structures



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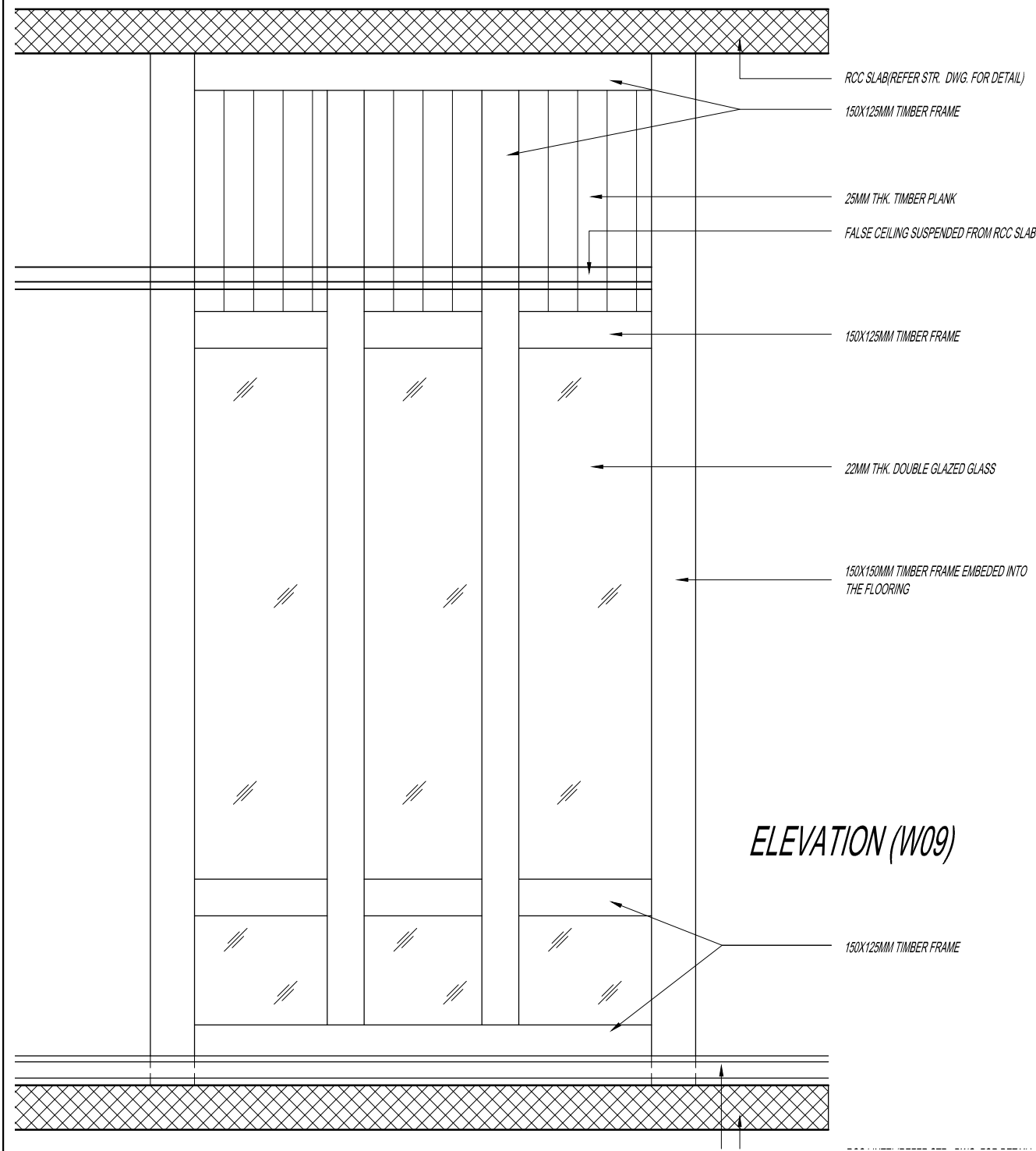
Client
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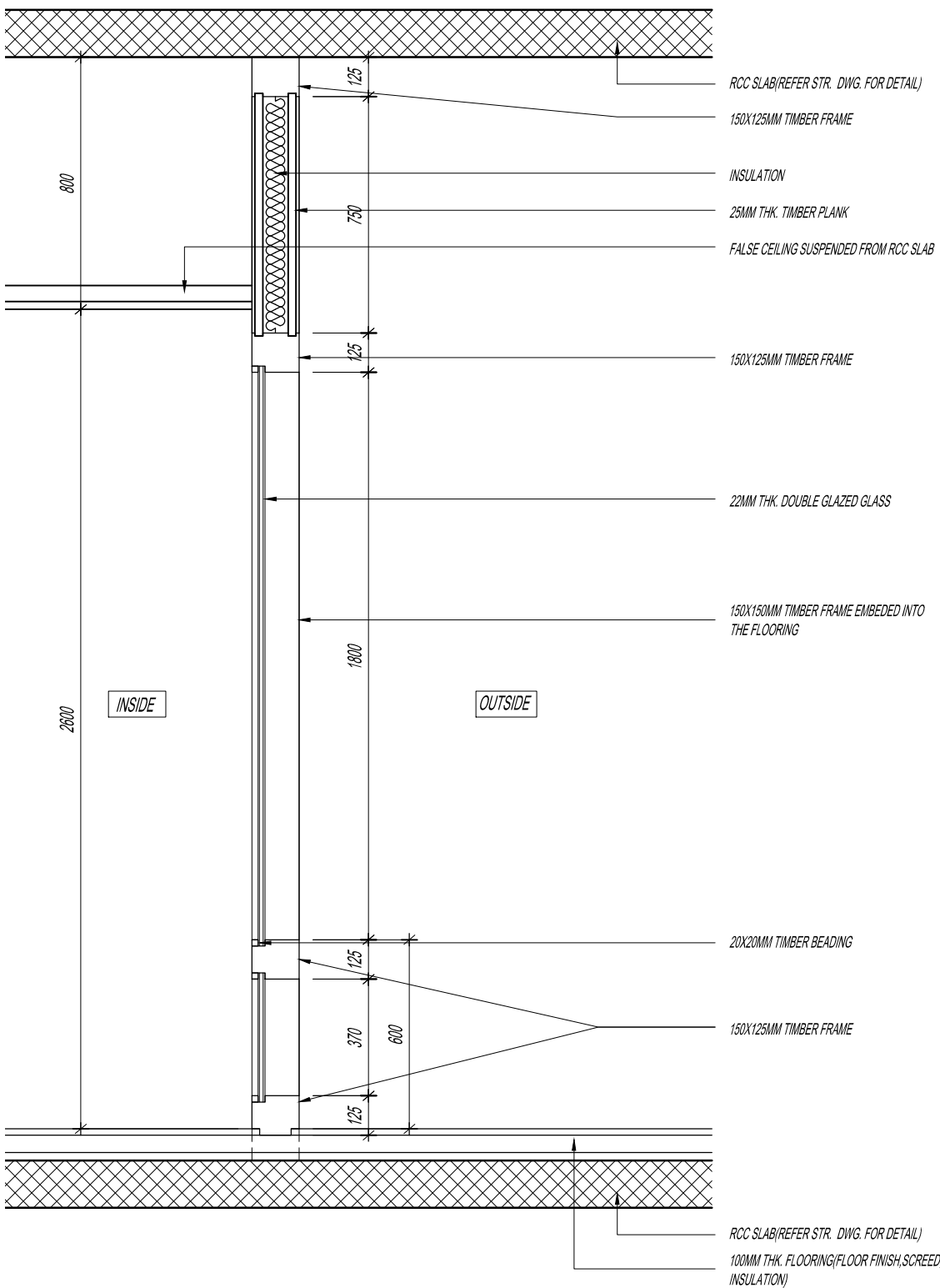
Drawing Title

WINDOW DETAIL W09

Scale	1:20 @ A3
Date	JAN 2017
Drawn By	TSHEWANG GYELTSHEN
Design By	DINESH
Drawing Number	12246 WD 01
LEAPP Project Code	12246

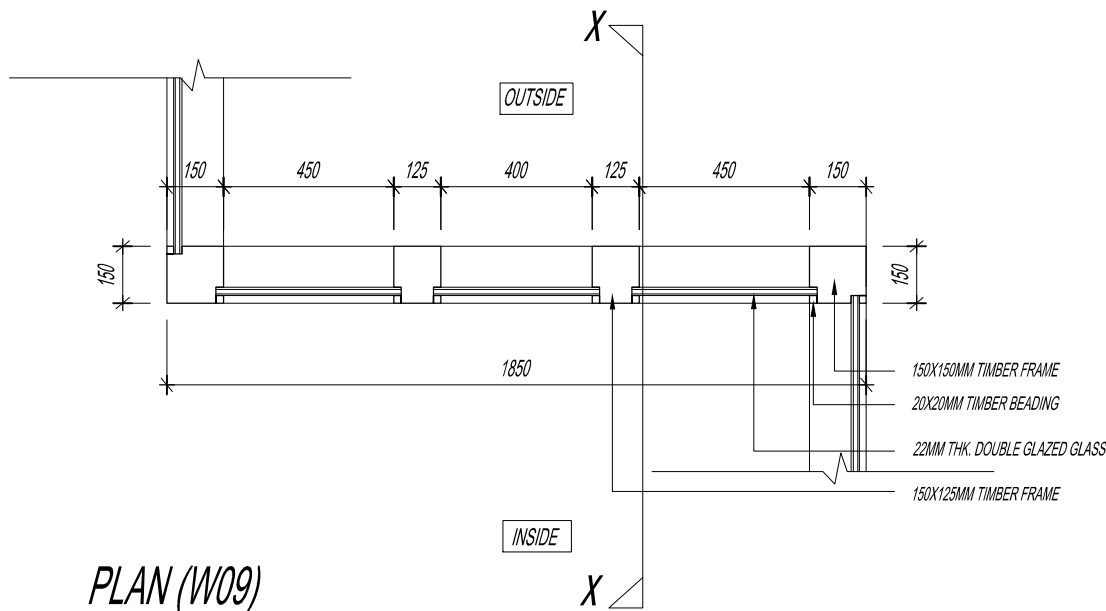


ELEVATION (W09)



SECTION AT XX (W09)

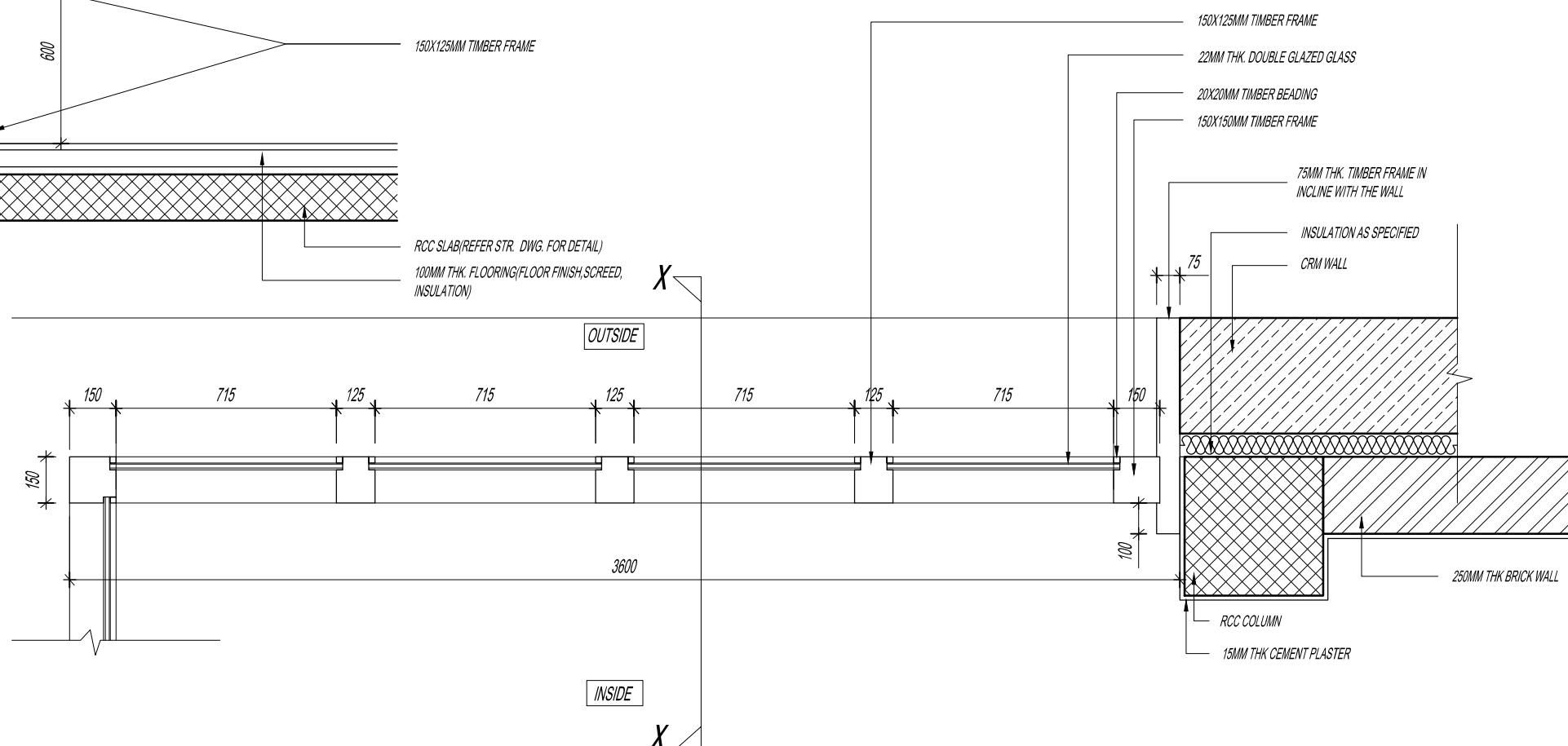
NOTE:
-Timber frames to be bolted on floor and slab as necessary/stability of the frame.
-Gaps between (fixed shutter and frame, wall and timber frame, etc) should be sealed with silicon just before handing over the building to the client.
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PLAN (W09)



LEAPP Project Code
12246





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Legend

No.	Revision	Date

Client
Ministry of Information and Communications
Department of Air Transport

Aviation Planners & Engineers
Leading Edge Aviation Planning Professionals

Architect
Tullamore Group

Civil Engineering Consultant
Gyaltshen Consultancy

Project Title

BHUTAN DOMESTIC AIRPORT
DESIGN AND SUPERVISION
BUMTHANG AIRPORT
PASSENGER TERMINAL.

Drawing Title

WINDOW DETAIL W10

Scale 1:20 @ A3

Date JAN 2017

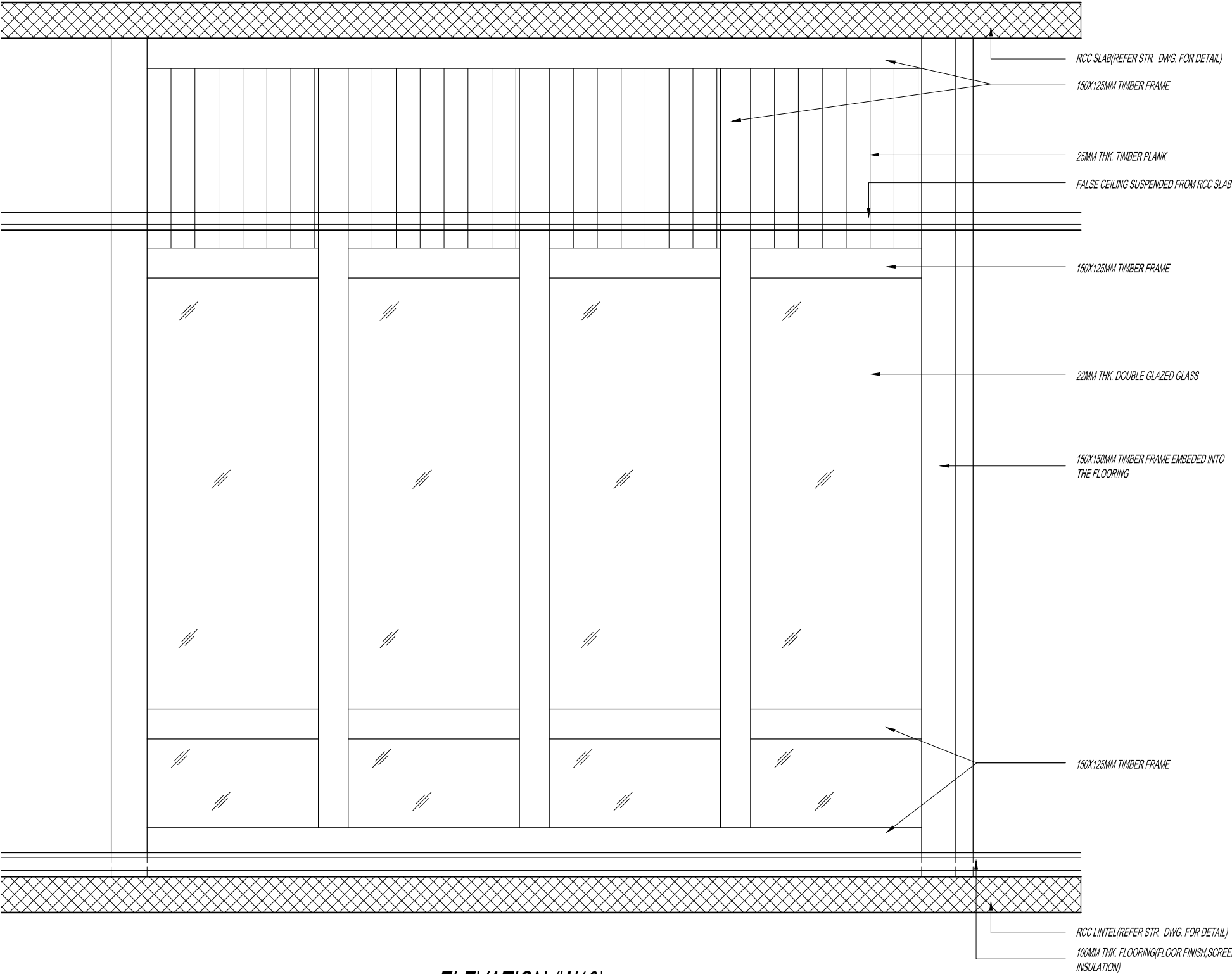
Drawn By TSHEWANG GYELTSHEN

Design By DINESH

Drawing Number
12246 WD 01

LEAPP Project Code
12246

R



NOTE:
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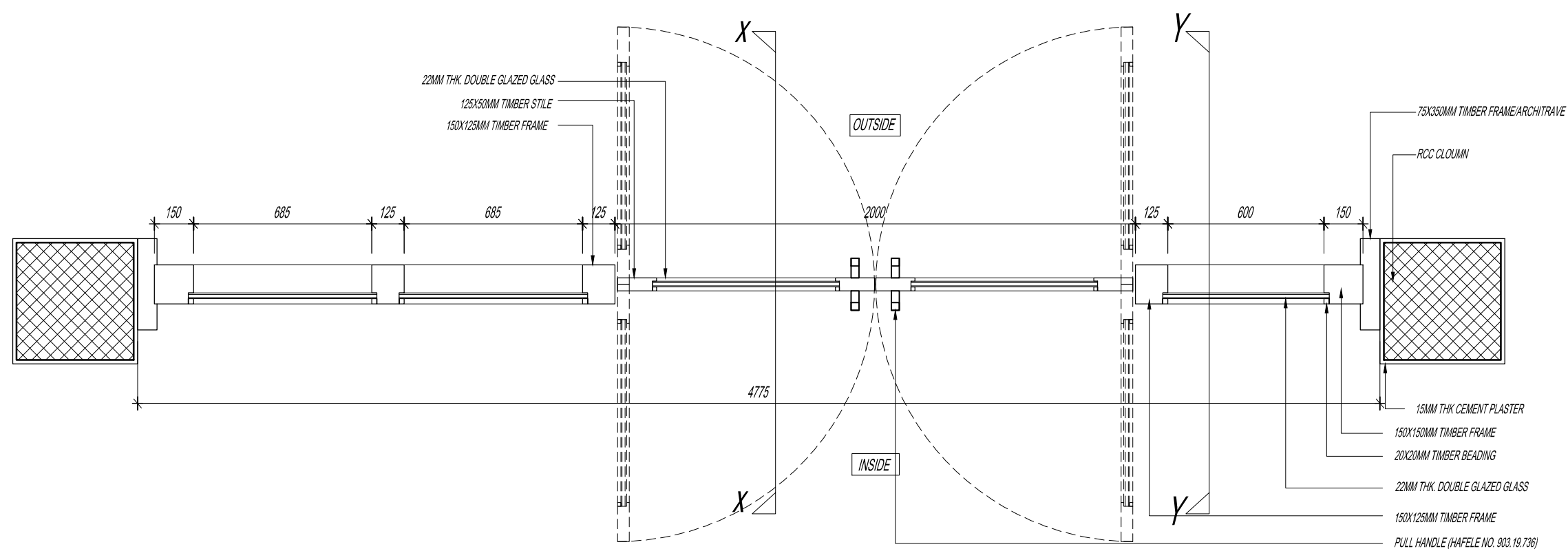


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Legend



PLAN (W11)

NOTE:

- Shutter to be provided with Hafele door handle as specified at mid level
- Shutter to be provided with Hafele floor spring with timber door accessory as specified.
- Shutter to be provided with 1 no Hafele Mortise cylinder dead bolt (No. 911.22.551)
- Shutter to be provided with 1 no Hafele Euro profile cylinder with key hole on both sides (No. 916.96.618)
- Shutter to be provided with 2 nos Hafele flush bolt as specified
- Shutter to be provided with Hafele dust proof strike for the lower flush bolt as specified
- Timber frames to be bolted on floor and slab as necessary/stability of the frame.
- All Hafele fittings should be in SS Matt finish.
- Gaps between (fixed shutter and frame, wall and timber frame, etc) should be sealed with silicon just before handing over the building to the client.
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	Client
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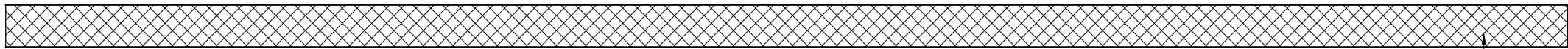
Project Title

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PASSENGER TERMINAL.

Drawing Title

WINDOW DETAIL W11

Scale	1:20 @ A3
Date	JAN 2017
Drawn By	TSHEWANG GYELTSHEN
Design By	DINESH
Drawing Number	12246 WD 01
LEAPP Project Code	12246



RCC SLAB(REFER STR. DWG. FOR DETAIL)

FALSE CEILING SUSPENDED FROM RCC SLAB

150X125MM TIMBER FRAME

25MM THK. TIMBER PLANK

150X125MM TIMBER FRAME

150X50MM TIMBER TOP RAIL

FLUSH BOLT (HAFELE NO. 911.62.571)

150X50MM TIMBER STILE

22MM THK. DOUBLE GLAZED GLASS

150X150MM TIMBER FRAME EMBEDDED INTO THE FLOORING

150X50MM TIMBER MIDDLE RAIL

PULL HANDLE (HAFELE NO. 903.19.736)

KEY HOLE BOTH SIDES (HAFELE NO. 916.96.618)

FLOOR SPRING (HAFELE NO. 932.79.030) WITH TIMBER DOOR ACCESSORY (HAFELE NO. 932.79.090)

150X125MM TIMBER FRAME

FLUSH BOLT (HAFELE NO. 911.62.571) WITH DUST PROOF STRIKE (HAFELE NO. 911.62.158) ONLY ON LOWER FLUSH BOLT.

175X50MM TIMBER BOTTOM RAIL

RCC SLAB(REFER STR. DWG. FOR DETAIL)

100MM THK. FLOORING(FLOOR FINISH,SCREED, INSULATION)

ELEVATION (W11)

NOTE:

- Shutter to be provided with Hafele door handle as specified at mid level
- Shutter to be provided with Hafele floor spring with timber door accessory as specified.
- Shutter to be provided with 1 no Hafele Mortise cylinder dead bolt (No. 911.22.551)
- Shutter to be provided with 1 no Hafele Euro profile cylinder with key hole on both sides (No. 916.96.618)
- Shutter to be provided with 2 nos Hafele flush bolt as specified
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Legend

No.	Revision	Date

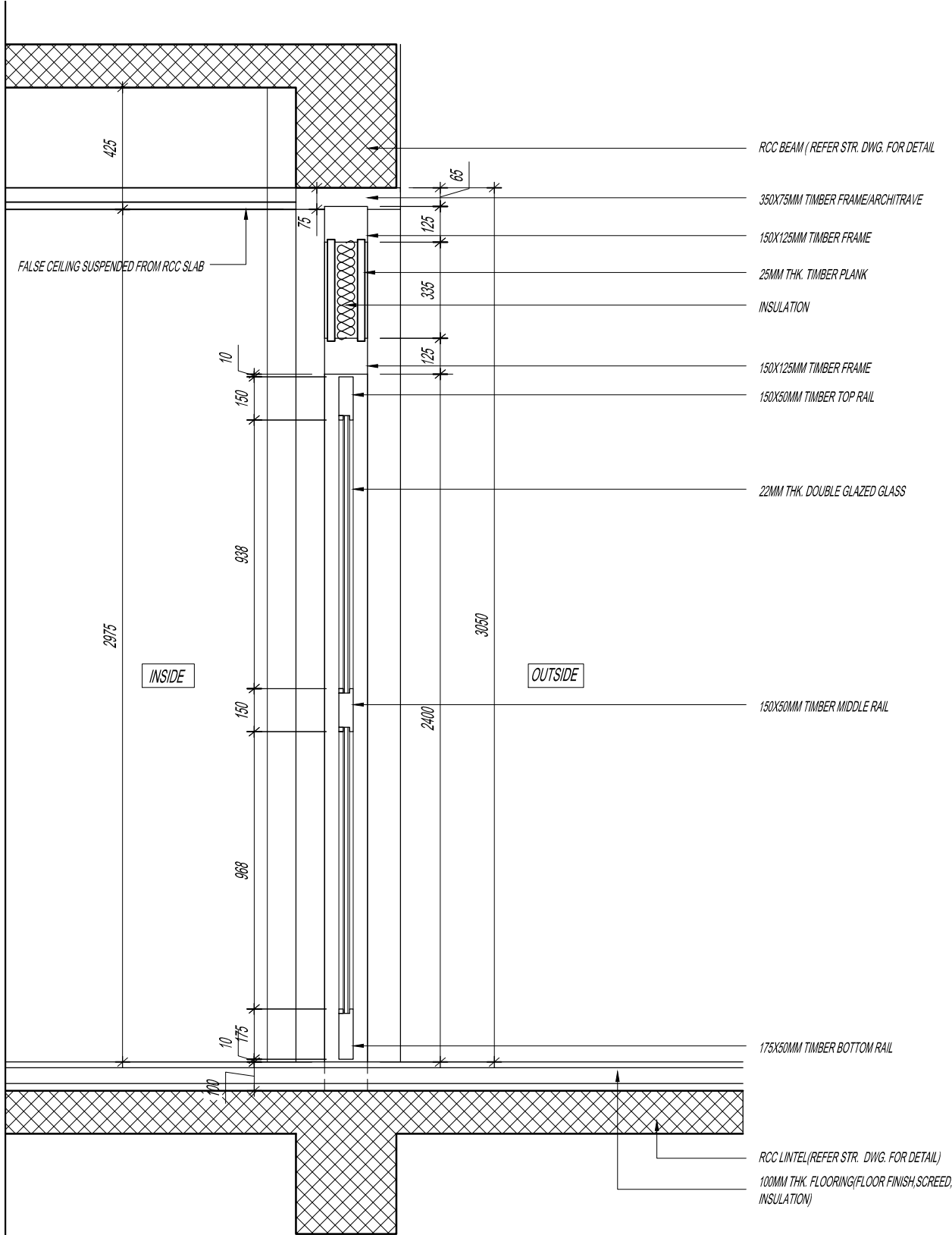
Client
Ministry of Information and Communications Department of Air Transport
Aviation Planners & Engineers Leading Edge Aviation Planning Professionals
Architect Tullamore Group
Civil Engineering Consultant Gyaltshen Consultancy
Project Title

BHUTAN DOMESTIC AIRPORT
DESIGN AND SUPERVISION
BUMTHANG AIRPORT
PASSENGER TERMINAL.

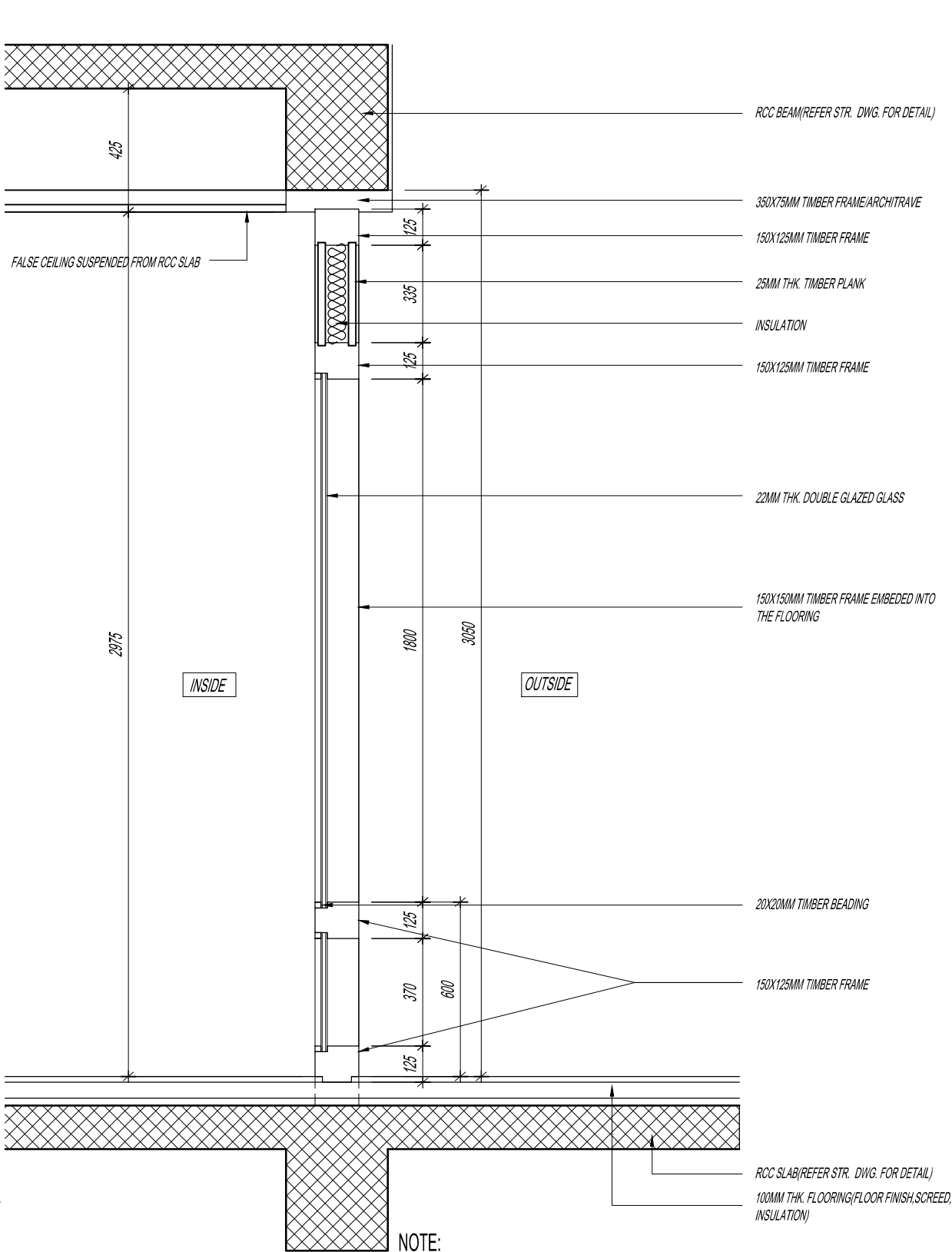
Drawing Title

WINDOW DETAIL W11

Scale	1:20 @ A3
Date	JAN 2017
Drawn By	TSHEWANG GYELTSHEN
Design By	DINESH
Drawing Number	12246 WD 01
LEAPP Project Code	12246



SECTION AT XX (W11)



SECTION AT YY (W11)

- NOTE:
- Shutter to be provided with Hafele door handle as specified at mid level
 - Shutter to be provided with Hafele floor spring with timber door accessory as specified.
 - Shutter to be provided with 1 no Hafele Mortise cylinder dead bolt (No. 911.22.551)
 - Shutter to be provided with 1 no Hafele Euro profile cylinder with key hole on both sides (No. 916.96.618)
 - Shutter to be provided with 2 nos Hafele flush bolt as specified
 - Shutter to be provided with Hafele dust proof strike for the lower flush bolt as specified
 - Timber frames to be bolted on floor and slab as necessary/stability of the frame.
 - All Hafele fittings should be in SS Matt finish.
 - Gaps between (fixed shutter and frame, wall and timber frame, etc) should be sealed with silicon just before handing over the building to the client.
 - Minor adjustment in the size of the window/door should be done at the site if the window/door lies between two RCC structures



ROYAL GOVERNMENT OF BHUTAN
DEPARTMENT OF AIR TRANSPORT

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- BUILDING

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No.	Revision	Date

Client
Ministry of Information and Communications Department of Air Transport
Aviation Planners & Engineers
Leading Edge Aviation Planning Professionals
Architect
Tullamore Group
Civil Engineering Consultant
Gyaltshen Consultancy
Project Title

BHUTAN DOMESTIC AIRPORT
DESIGN AND SUPERVISION
BUMTHANG AIRPORT
PASSENGER TERMINAL.

Drawing Title

WINDOW DETAIL W11

Scale	1:20 @ A3
Date	JAN 2017
Drawn By	TSHEWANG GYELTSHEN
Design By	DINESH
Drawing Number	12246 WD 01
LEAPP Project Code	12246



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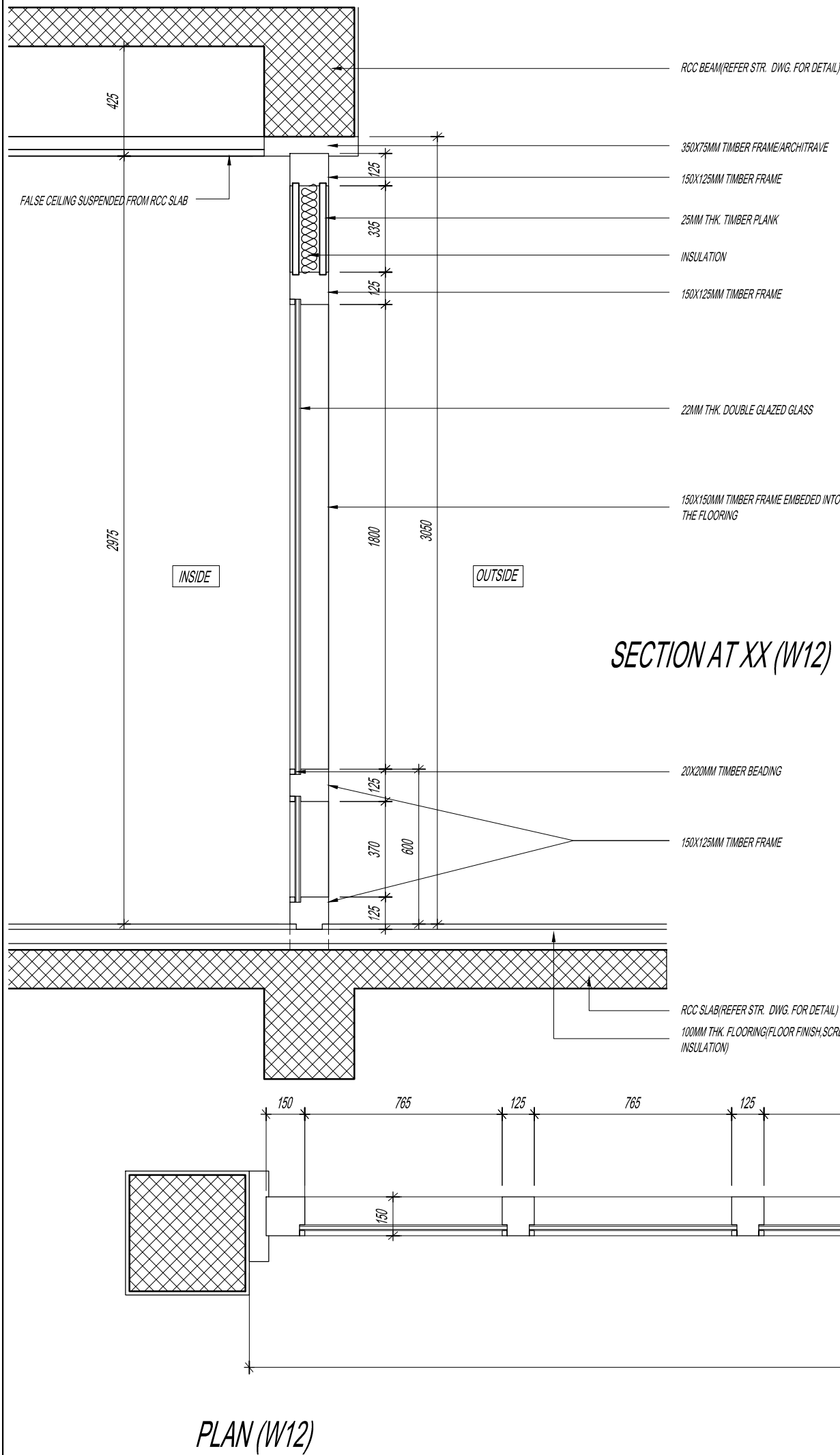
Client
Ministry of Information and Communications Department of Air Transport
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Project Title

BHUTAN DOMESTIC AIRPORT
DESIGN AND SUPERVISION
BUMTHANG AIRPORT
PASSENGER TERMINAL.

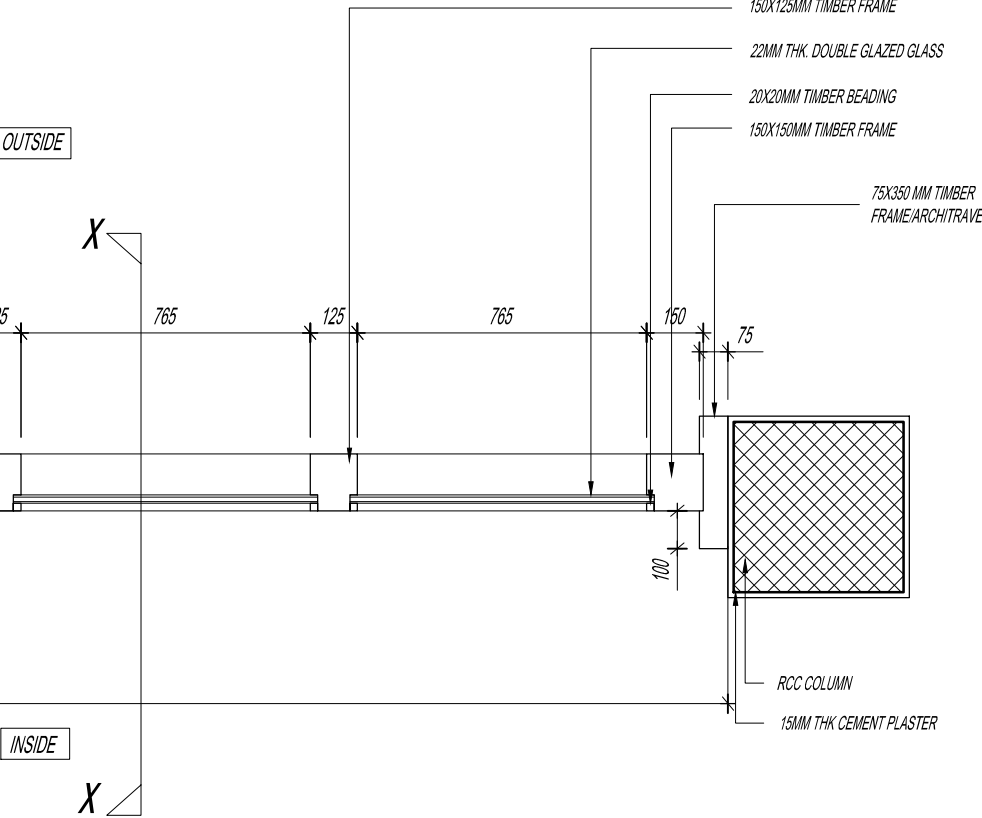
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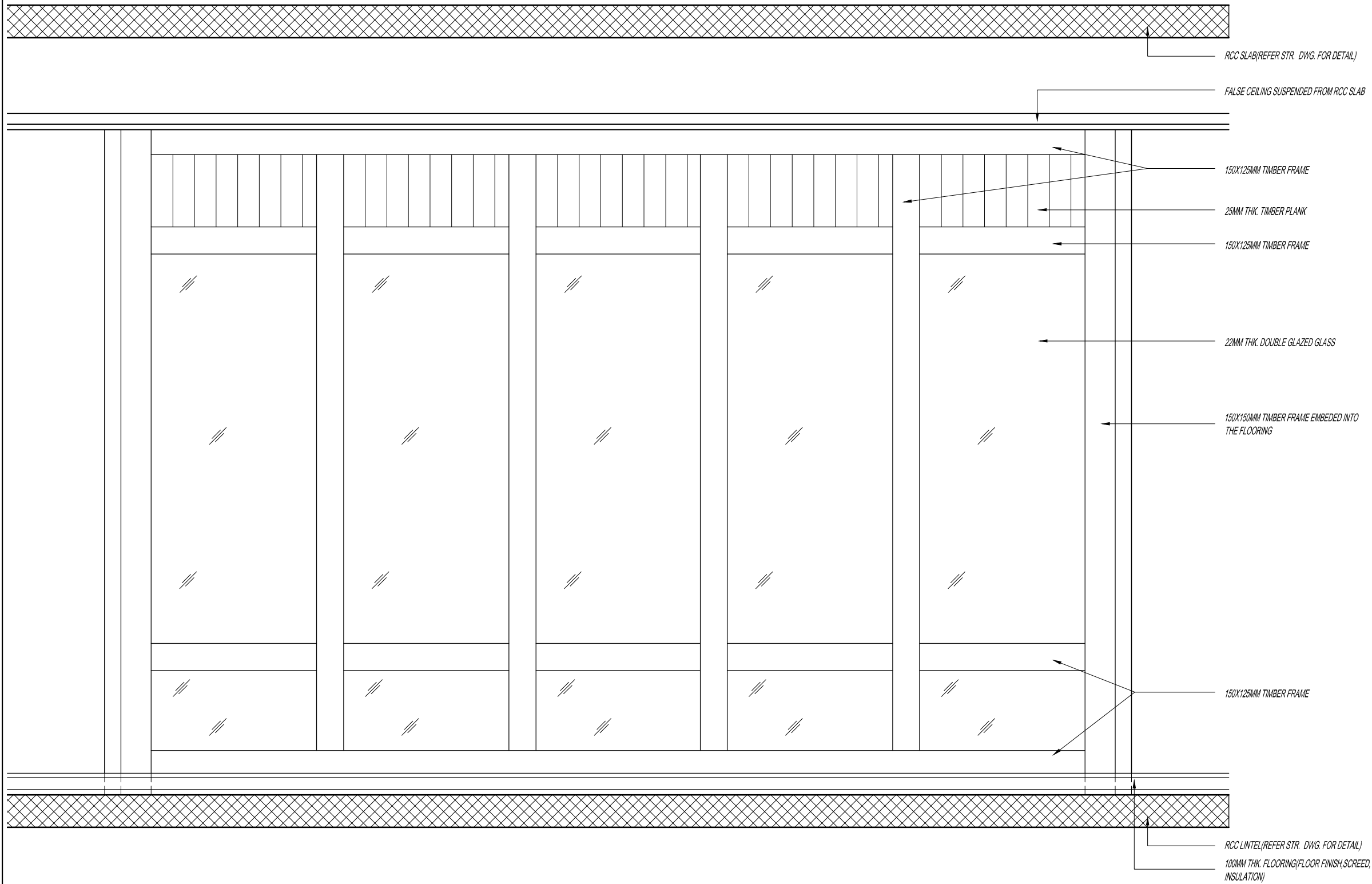
WINDOW DETAIL W12

Scale	1:20 @ A3
Date	JAN 2017
Drawn By	TSHEWANG GYELTSHEN
Design By	DINESH
Drawing Number	12246 WD 01
LEAPP Project Code	12246



NOTE:
-Timber frames to be bolted on floor and slab as necessary/stability of the frame.
-Gaps between (fixed shutter and frame, wall and timber frame, etc) should be sealed with silicon just before handing over the building to the client.
-Minor adjustment in the size of the window/door should be done at the site if the window/door lies between two RCC structures





ELEVATION (W12)

NOTE:

- Timber frames to be bolted on floor and slab as necessary/stability of the frame.
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Tullamore Group

Civil Engineering Consultant
Gyaltshen Consultancy

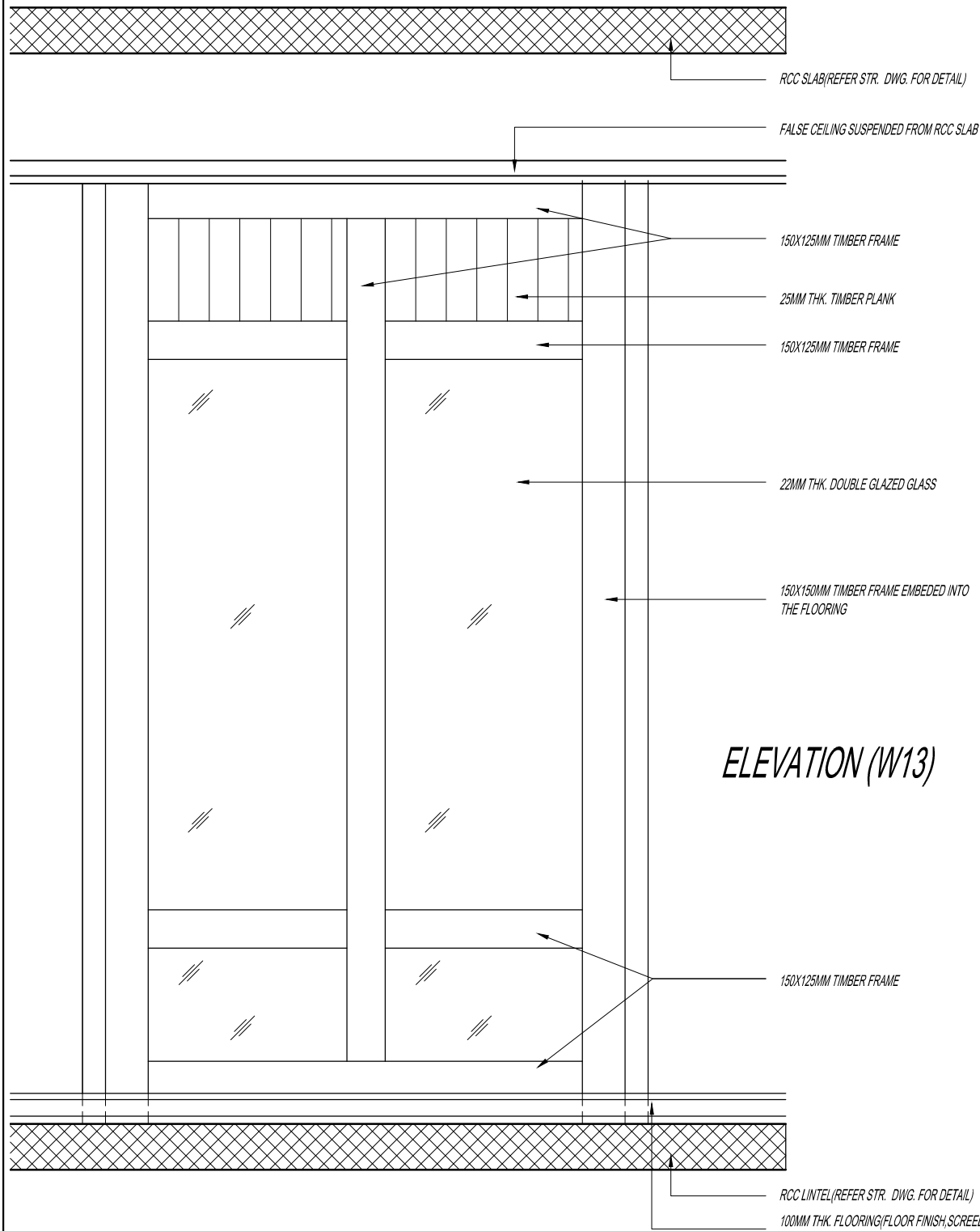
Project Title

BHUTAN DOMESTIC AIRPOF
DESIGN AND SUPERVISION
BUMTHANG AIRPORT
PASSENGER TERMINAL.

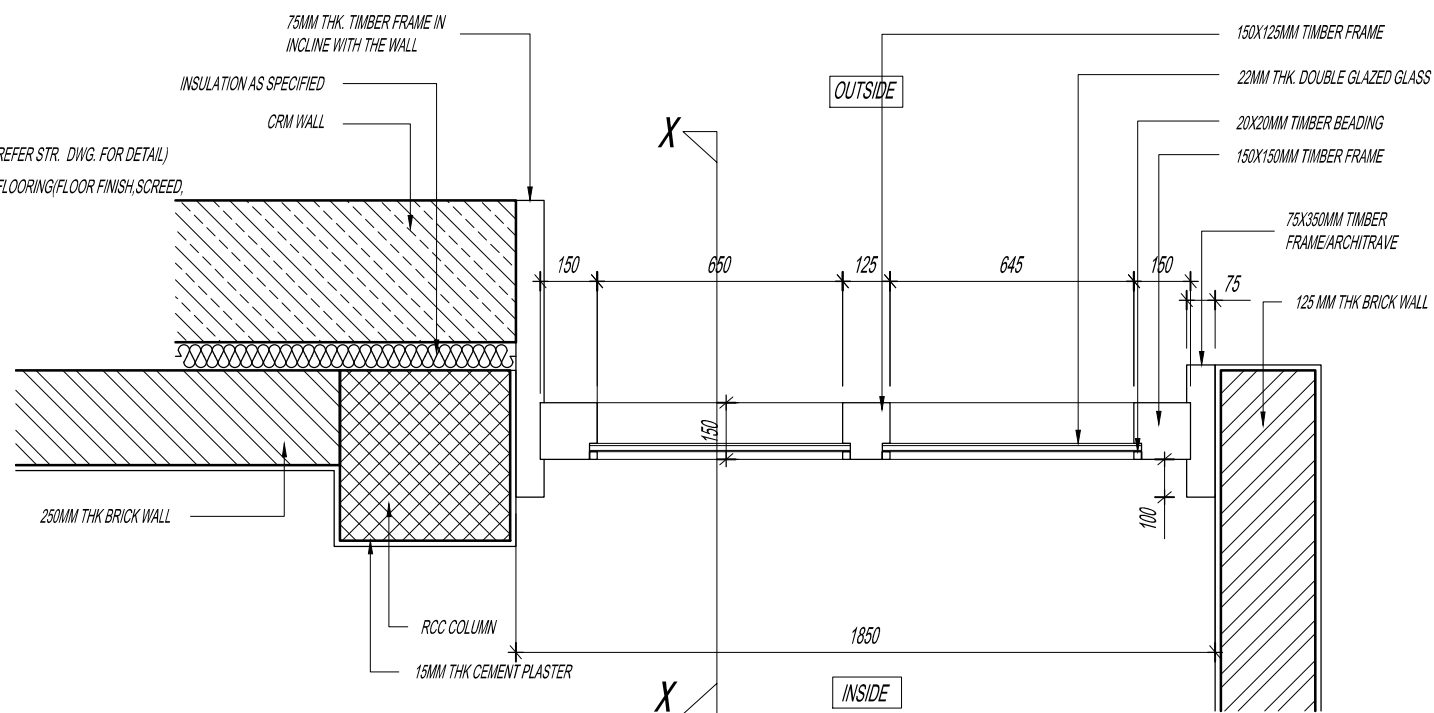
Drawing Title

WINDOW DETAIL W12

Scale	1:20 @ A3
Date	JAN 2017
Drawn By	TSHEWANG GYELTSHEN
Design By	DINESH
Drawing Number	12246 WD 01
LEAPP Project Code	12246



ELEVATION (W13)



PLAN (W13)

NOTE:

- Timber frames to be bolted on floor and slab as necessary/stability of the frame.
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Project Title

BHUTAN DOMESTIC AIRPORT
DESIGN AND SUPERVISION
BUMTHANG AIRPORT
PASSENGER TERMINAL.

Drawing Title

WINDOW DETAIL W13

Scale	1:20 @ A3
Date	JAN 2017
Drawn By	TSHEWANG GYELTSHEN
Design By	DINESH
Drawing Number	12246 WD 01
LEAPP Project Code	12246



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Project Title

Drawing Title

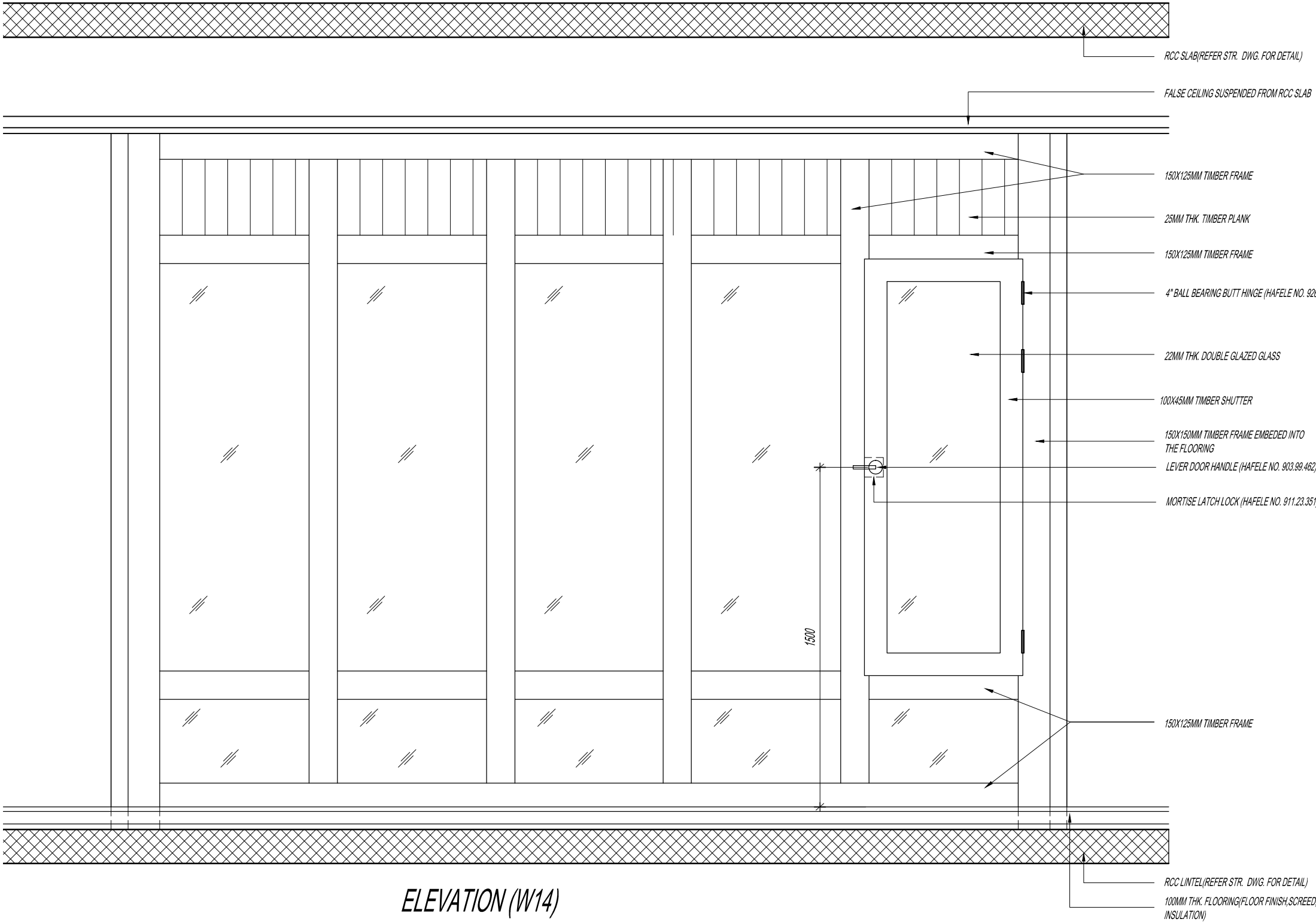
LEAPP Project Code	12246
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- Timber frames to be bolted on floor and slab as necessary/stability of the frame.
- Gaps between (fixed shutter and frame, wall and timber frame, etc) should be sealed with silicon just before handing over the building to the client.
- Minor adjustment in the size of the window/door should be done at the site if the window/door lies between two RCC structures



Drawing Title	
WINDOW DETAIL W14	
Scale	1:20 @ A3
Date	JAN 2017
Drawn By	TSHEWANG GYELTSHEN
Design By	DINESH
Drawing Number	12246 WD 01
LEAPP Project Code	12246



ELEVATION (W14)

NOTE:

- Shutter to be provided with Hafele door handle as specified at 1500mm from FFL
- Shutter to be provided with 4", 3 nos 100mm Hafele ball bearing butt hinges as specified.
- Shutter to be provided with 1 no Hafele Mortise latch lock case (No. 911.23.351)
- Shutter to be provided with Hafele rubber seal brown (No. 950.09.522)
- Timber frames to be bolted on floor and slab as necessary/stability of the frame.
- All Hafele fittings should be in SS Matt finish.
- Gaps between (fixed shutter and frame, wall and timber frame, etc) should be sealed with silicon just before handing over the building to the client.
- Minor adjustment in the size of the window/door should be done at the site if the window/door lies between two RCC structures



ROYAL GOVERNMENT OF BHUTAN
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No.	Revision	Date

Client
Ministry of Information and Communications
Department of Air Transport

Aviation Planners & Engineers
Leading Edge Aviation Planning Professionals

Architect
Tullamore Group

Civil Engineering Consultant
Gyaltshen Consultancy

Project Title

BHUTAN DOMESTIC AIRPORT
DESIGN AND SUPERVISION
BUMTHANG AIRPORT
PASSENGER TERMINAL.

Drawing Title

WINDOW DETAIL W14

Scale	1:20 @ A3
Date	JAN 2017
Drawn By	TSHEWANG GYELTSHEN
Design By	DINESH
Drawing Number	12246 WD 01
LEAPP Project Code	12246



ROYAL GOVERNMENT OF BHUTAN
DEPARTMENT OF AIR TRANSPORT

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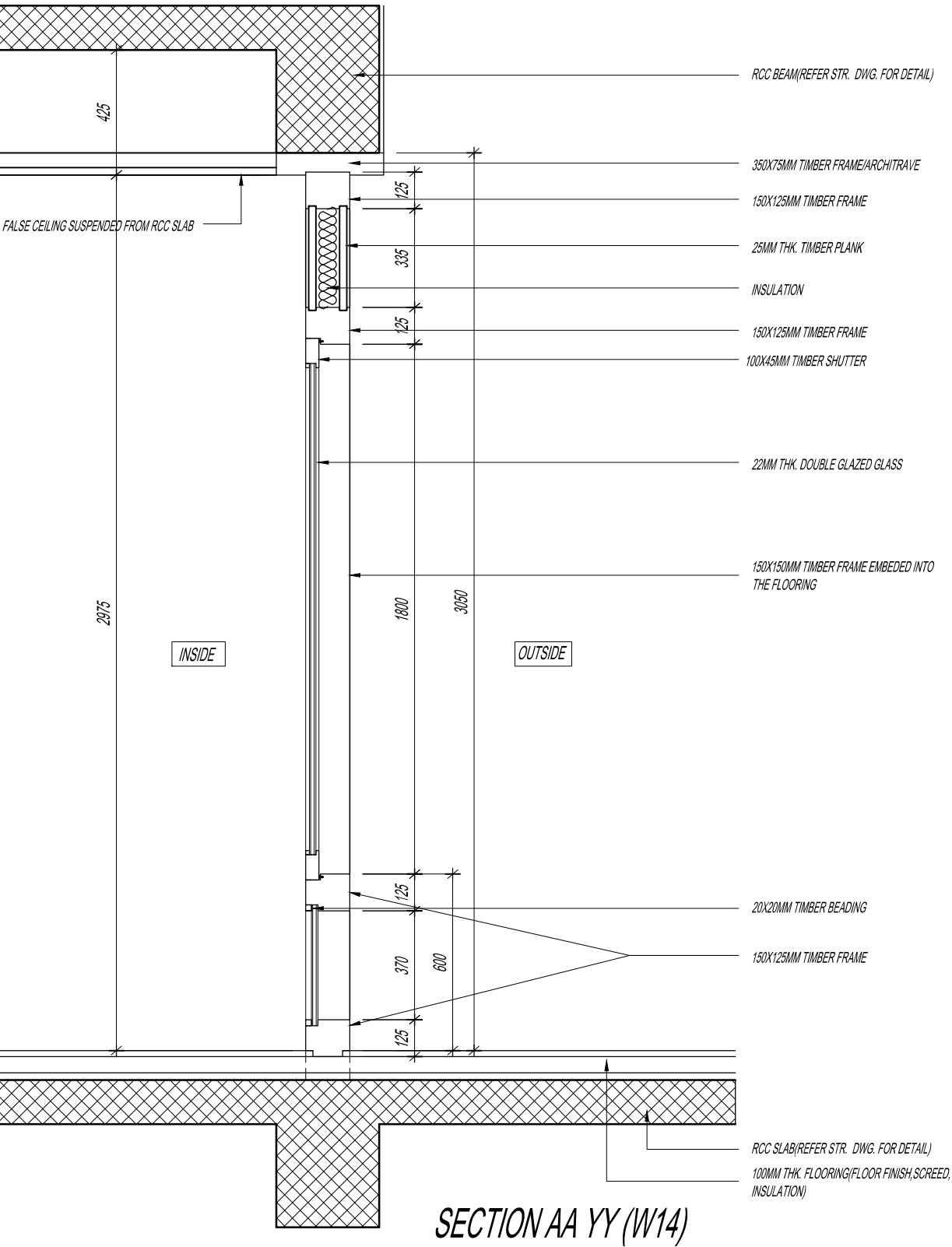
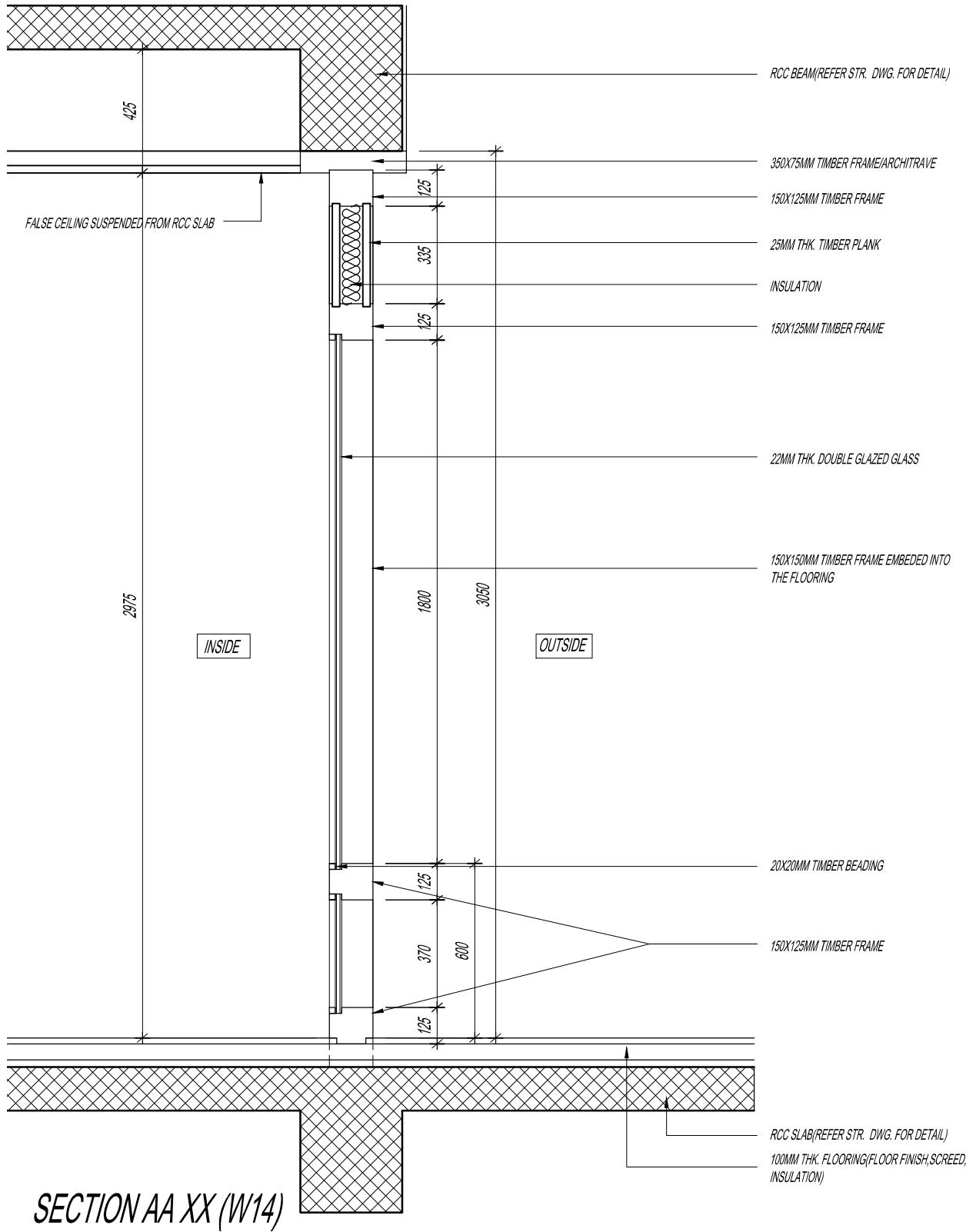
Client
Ministry of Information and Communications Department of Air Transport
Aviation Planners & Engineers Leading Edge Aviation Planning Professionals
Architect Tullamore Group
Civil Engineering Consultant Gyaltshen Consultancy
Project Title

BHUTAN DOMESTIC AIRPORT
DESIGN AND SUPERVISION
BUMTHANG AIRPORT
PASSENGER TERMINAL.

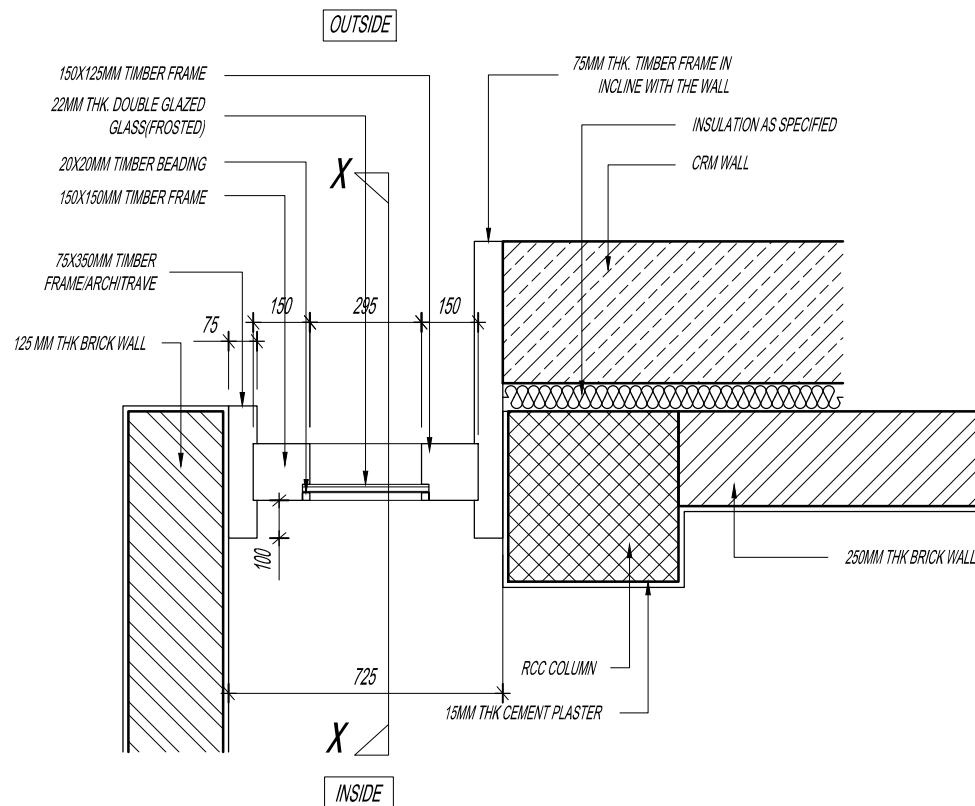
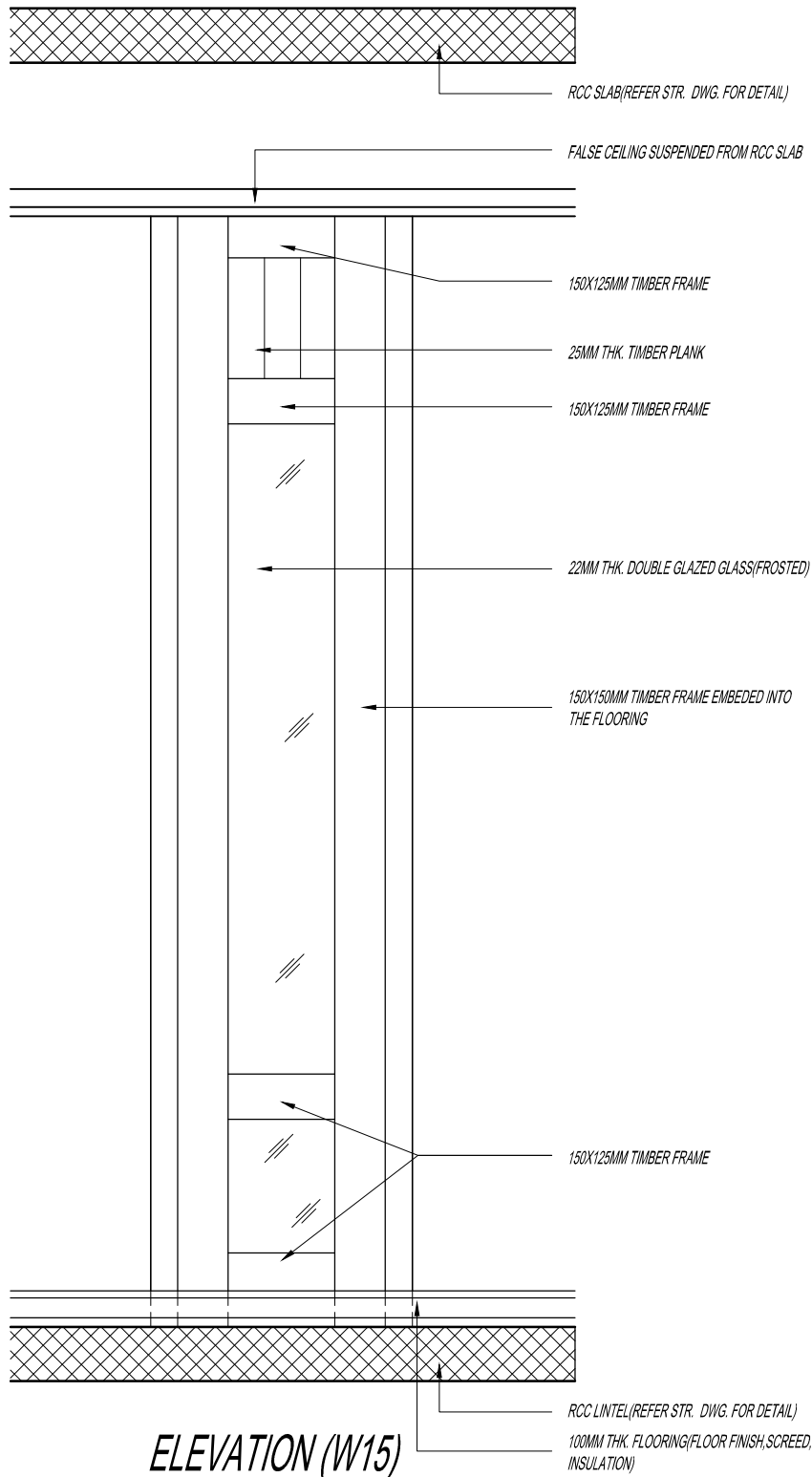
Drawing Title

WINDOW DETAIL W14

Scale	1:20 @ A3
Date	JAN 2017
Drawn By	TSHEWANG GYELTSHEN
Design By	DINESH
Drawing Number	12246 WD 01
LEAPP Project Code	12246



NOTE:
-Shutter to be provided with Hafele door handle as specified at 1500mm from FFL
-Shutter to be provided with 4", 3 nos 100mm Hafele ball bearing butt hinges as specified.
-Shutter to be provided with 1 no Hafele Mortise latch lock case (No. 911.23.351)
-Shutter to be provided with Hafele rubber seal brown (No. 950.09.522)
-Timber frames to be bolted on floor and slab as necessary/stability of the frame.
-All Hafele fittings should be in SS Matt finish.
-Gaps between (fixed shutter and frame, wall and timber frame, etc) should be sealed with silicon just before handing over the building to the client.
-Minor adjustment in the size of the window/door should be done at the site if the window/door lies between two RCC structures



NOTE:

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ROYAL GOVERNMENT OF BHUTAN
DEPARTMENT OF AIR TRANSPORT

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No.	Revision	Date

Client
Ministry of Information and Communications
Department of Ait Transport

Aviation Planners & Engineers
Leading Edge Aviation Planning Professionals

Architect
Tullamore Group

Civil Engineering Consultant
Gyaltshen Consultancy

Project Title

**BHUTAN DOMESTIC AIRPOF
DESIGN AND SUPERVISION
BUMTHANG AIRPORT
PASSENGER TERMINAL.**

Drawing Title

WINDOW DETAIL W13

Scale	1:20 @ A3
Date	JAN 2017
Drawn By	TSHEWANG GYELTSHEN
Design By	DINESH
Drawing Number	12246 WD 01
LEAPP Project Code	12246



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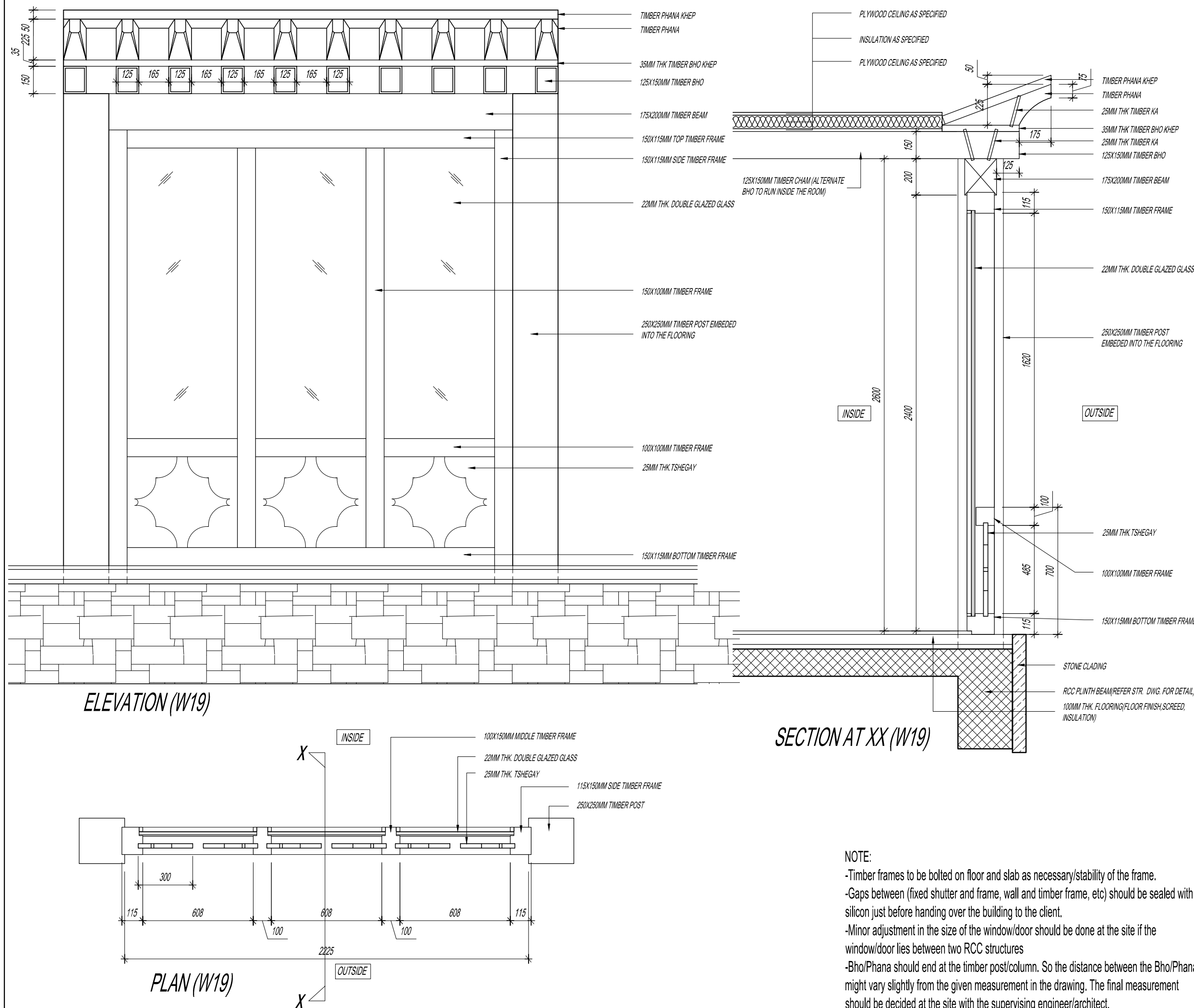
Client
Ministry of Information and Communications Department of Air Transport
Aviation Planners & Engineers Leading Edge Aviation Planning Professionals
Architect Tullamore Group
Civil Engineering Consultant Gyaltshen Consultancy
Project Title

BHUTAN DOMESTIC AIRPORT
DESIGN AND SUPERVISION
BUMTHANG AIRPORT
PASSENGER TERMINAL.

Drawing Title

WINDOW DETAIL W19

Scale	1:20 @ A3
Date	JAN 2017
Drawn By	TSHEWANG GYELTSHEN
Design By	DINESH
Drawing Number	12246 WD 01
LEAPP Project Code	12246



NOTE:

- Timber frames to be bolted on floor and slab as necessary/stability of the frame.
- Gaps between (fixed shutter and frame, wall and timber frame, etc) should be sealed with silicon just before handing over the building to the client.
- Minor adjustment in the size of the window/door should be done at the site if the window/door lies between two RCC structures
- Bho/Phana should end at the timber post/column. So the distance between the Bho/Phana might vary slightly from the given measurement in the drawing. The final measurement should be decided at the site with the supervising engineer/architect.



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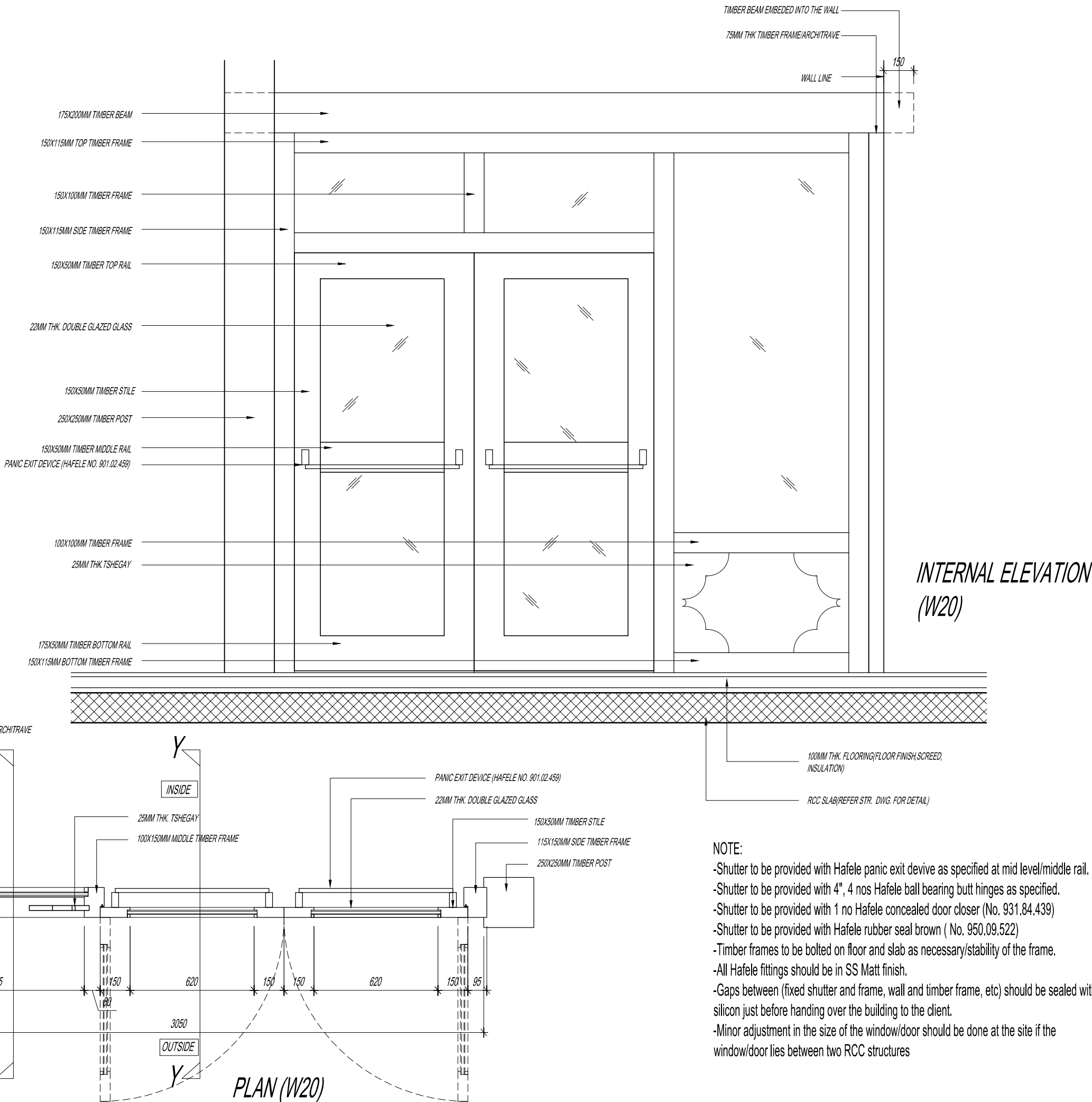
Client
Ministry of Information and Communications Department of Air Transport
Aviation Planners & Engineers Leading Edge Aviation Planning Professionals
Architect Tullamore Group
Civil Engineering Consultant Gyaltshen Consultancy
Project Title

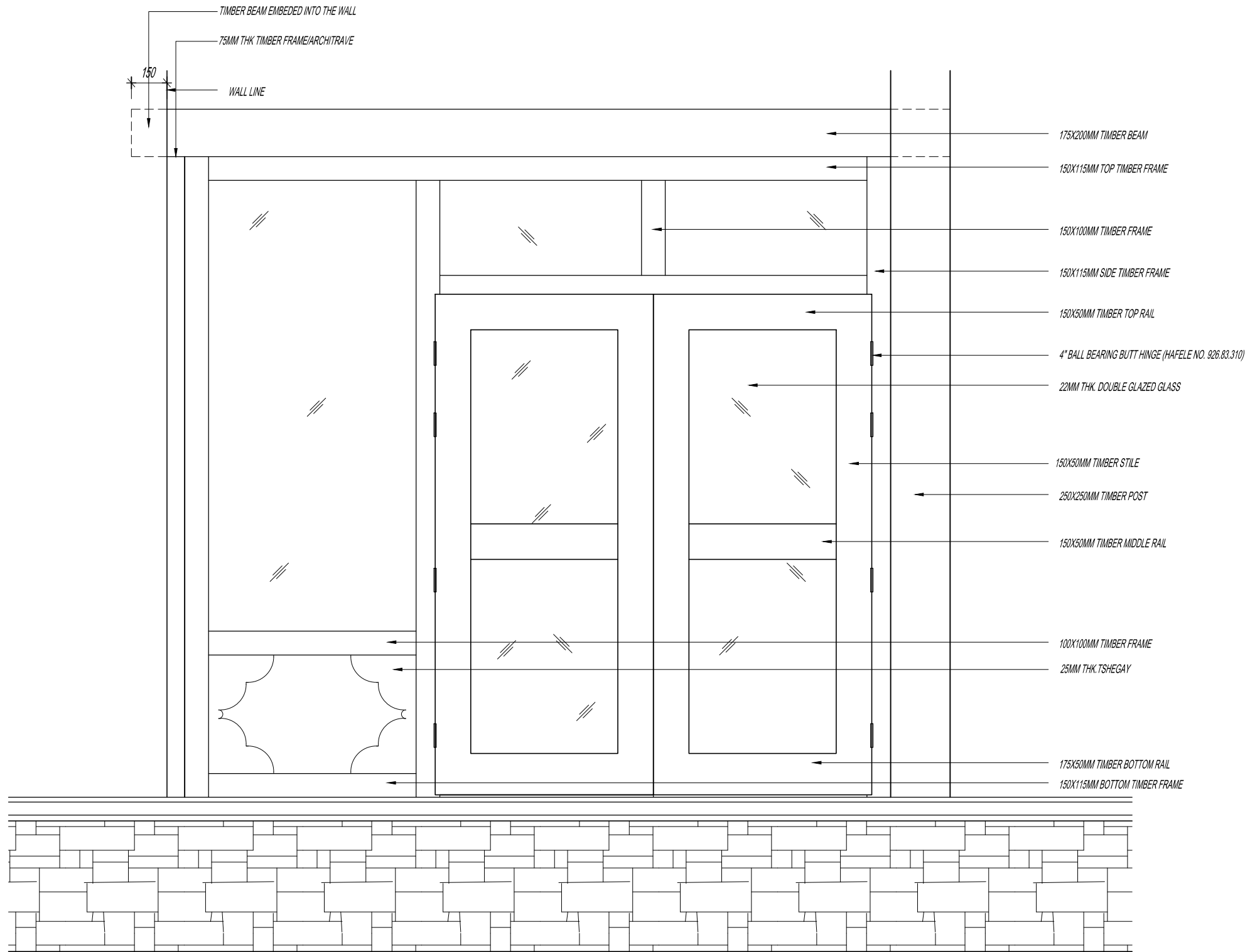
BHUTAN DOMESTIC AIRPORT
DESIGN AND SUPERVISION
BUMTHANG AIRPORT
PASSENGER TERMINAL.

Drawing Title

WINDOW DETAIL W20

Scale	1:20 @ A3
Date	JAN 2017
Drawn By	TSHEWANG GYELTSHEN
Design By	DINESH
Drawing Number	12246 WD 01
LEAPP Project Code	12246





EXTERNAL ELEVATION
(W20)

NOTE:

- Shutter to be provided with Hafele panic exit device as specified at mid level/middle rail.
- Shutter to be provided with 4", 4 nos Hafele ball bearing butt hinges as specified.
- Shutter to be provided with 1 no Hafele concealed door closer (No. 931.84.439)
- Shutter to be provided with Hafele rubber seal brown (No. 950.09.522)
- Timber frames to be bolted on floor and slab as necessary/stability of the frame.
- All Hafele fittings should be in SS Matt finish.
- Gaps between (fixed shutter and frame, wall and timber frame, etc) should be sealed with silicon just before handing over the building to the client.
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BHUTAN DOMESTIC AIRPORT
DESIGN AND SUPERVISION
BUMTHANG AIRPORT
PASSENGER TERMINAL.

Drawing Title

WINDOW DETAIL W20

Scale	1:20 @ A3
Date	JAN 2017
Drawn By	TSHEWANG GYELTSHEN
Design By	DINESH
Drawing Number	12246 WD 01
LEAPP Project Code	12246



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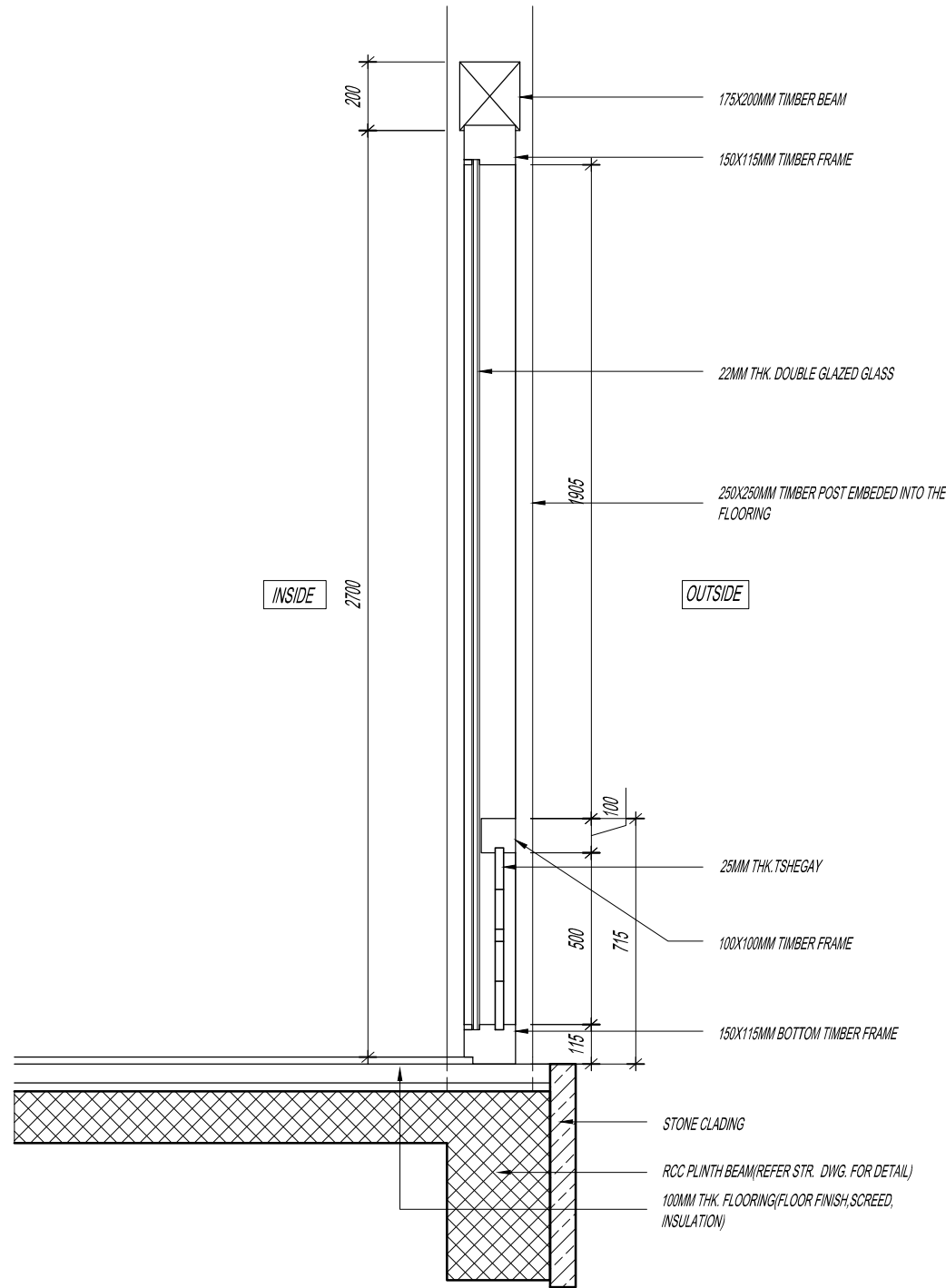
No.	Revision	Date

Client
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Architect Tullamore Group
Civil Engineering Consultant Gyaltshen Consultancy
Project Title

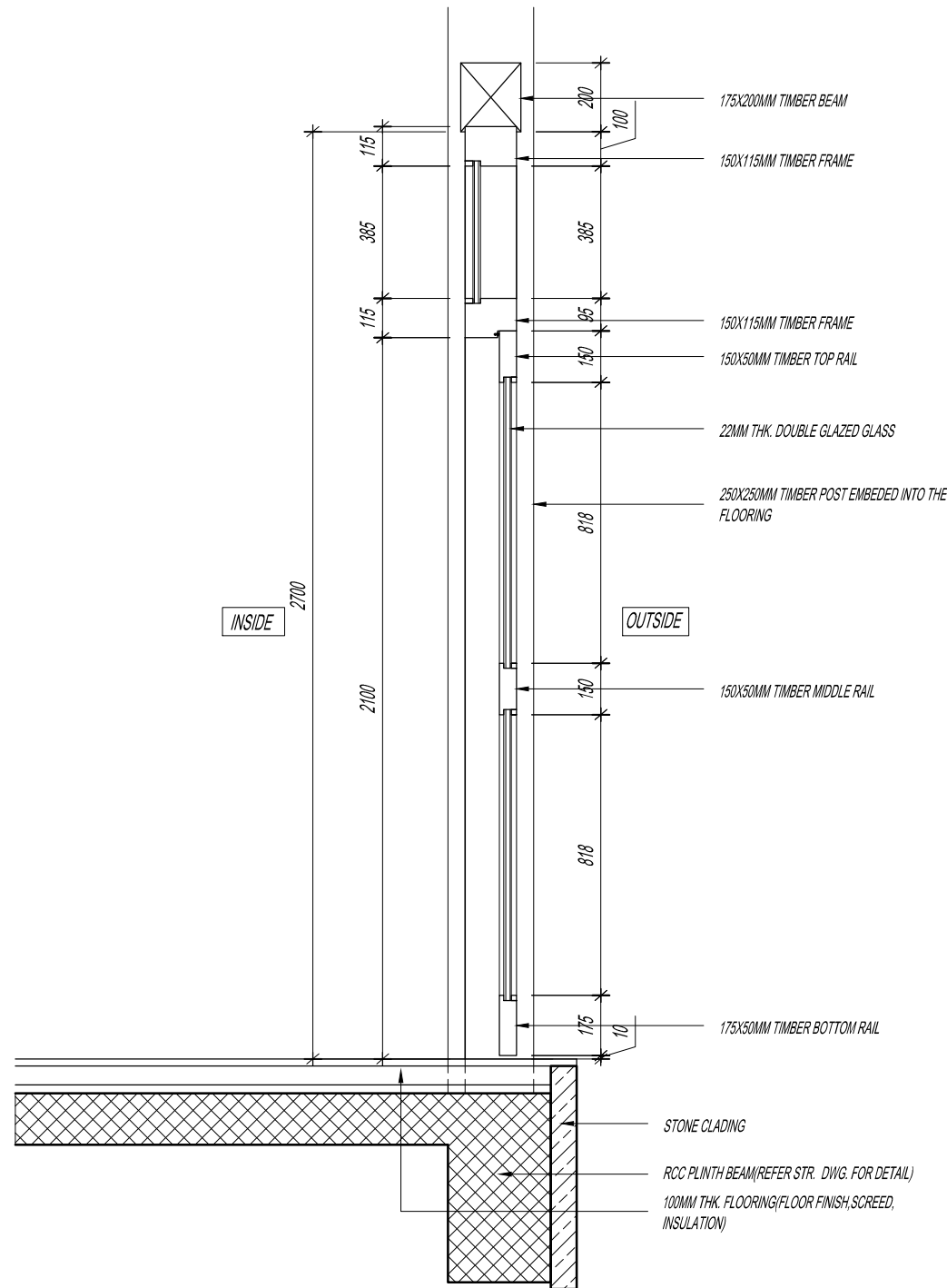
**BHUTAN DOMESTIC AIRPORT
DESIGN AND SUPERVISION
BUMTHANG AIRPORT
PASSENGER TERMINAL.**

Drawing Title
WINDOW DETAIL W20

Scale	1:20 @ A3
Date	JAN 2017
Drawn By	TSHEWANG GYELTSHEN
Design By	DINESH
Drawing Number	12246 WD 01
LEAPP Project Code	12246



SECTION AT XX (W20)



SECTION AT YY (W20)

NOTE:
-Shutter to be provided with Hafele panic exit device as specified at mid level/middle rail.
-Shutter to be provided with 4", 4 nos Hafele ball bearing butt hinges as specified.
-Shutter to be provided with 1 no Hafele concealed door closer (No. 931.84.439)
-Shutter to be provided with Hafele rubber seal brown (No. 950.09.522)
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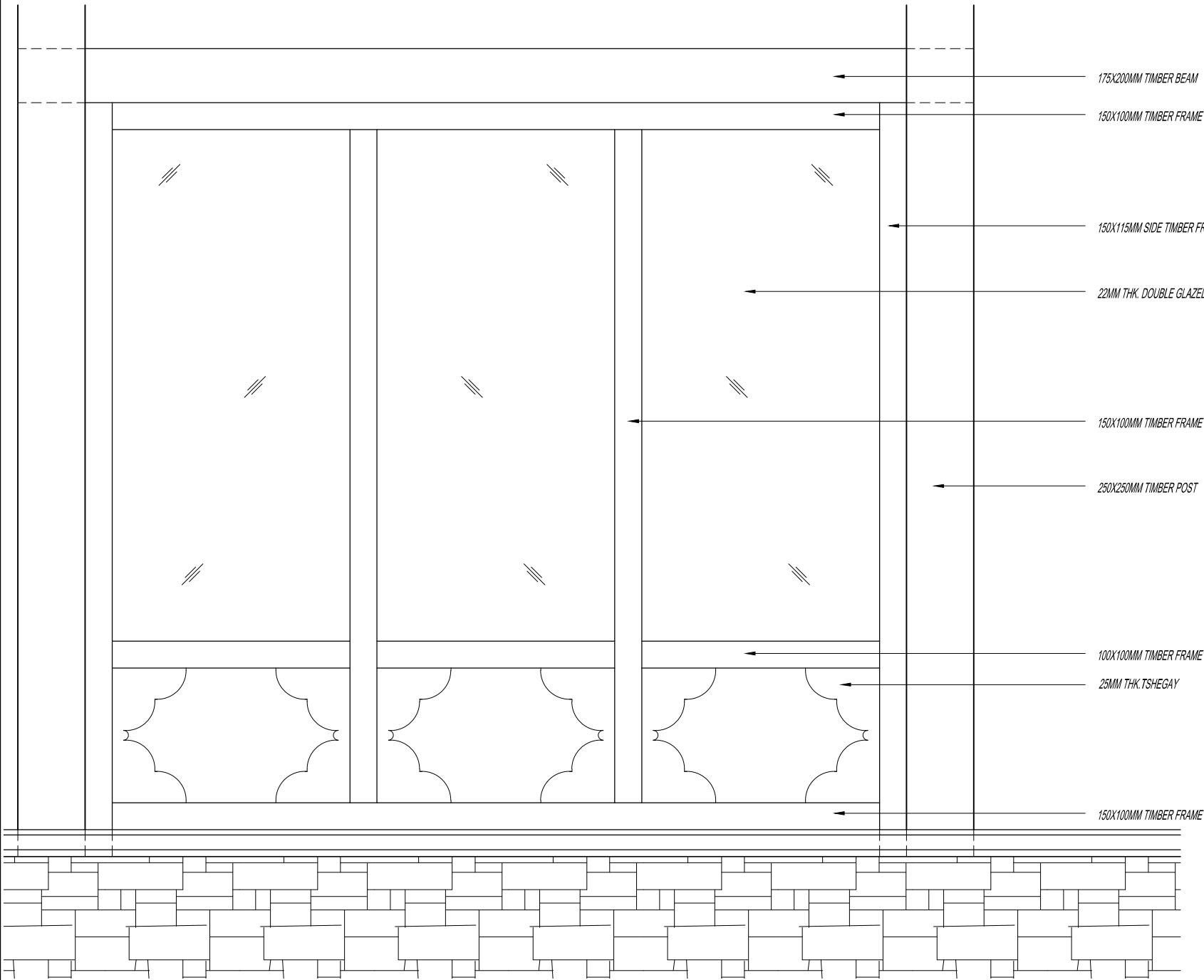
Project Title

BHUTAN DOMESTIC AIRPORT
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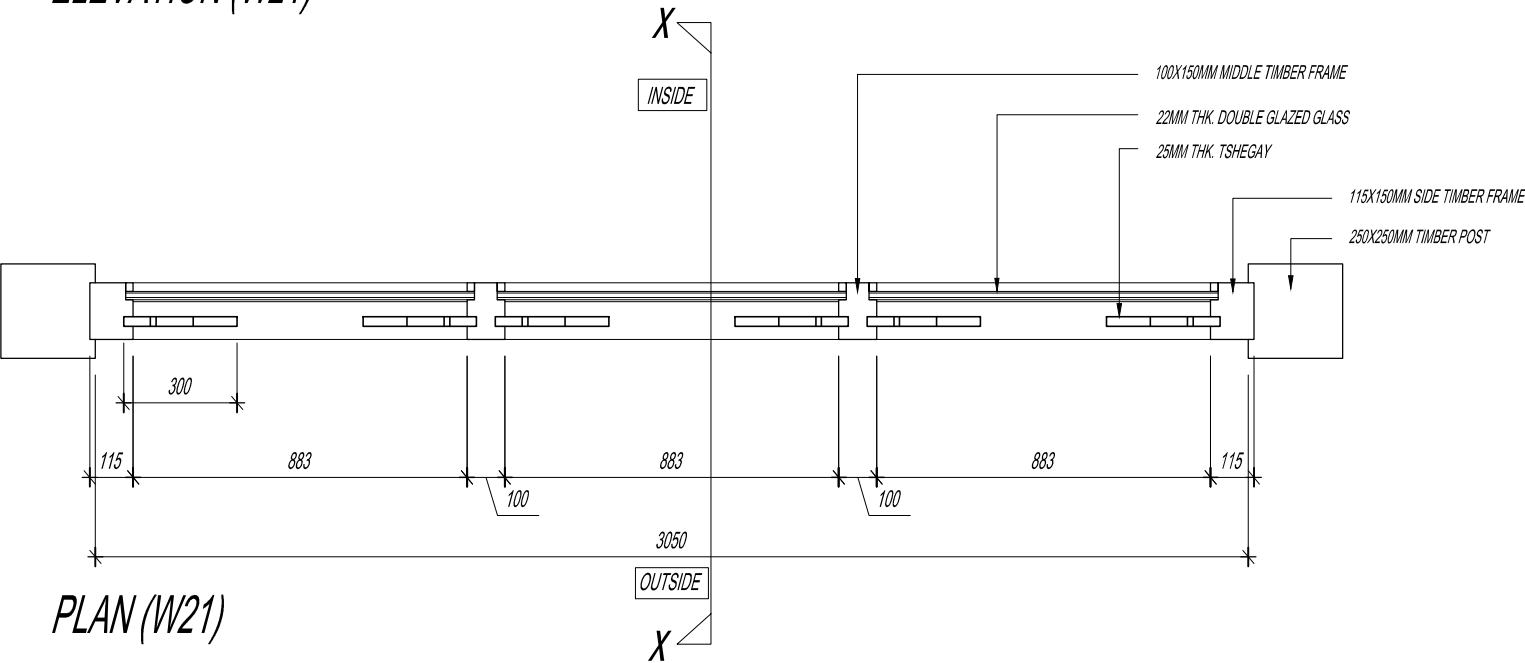
Drawing Title

WINDOW DETAIL W21

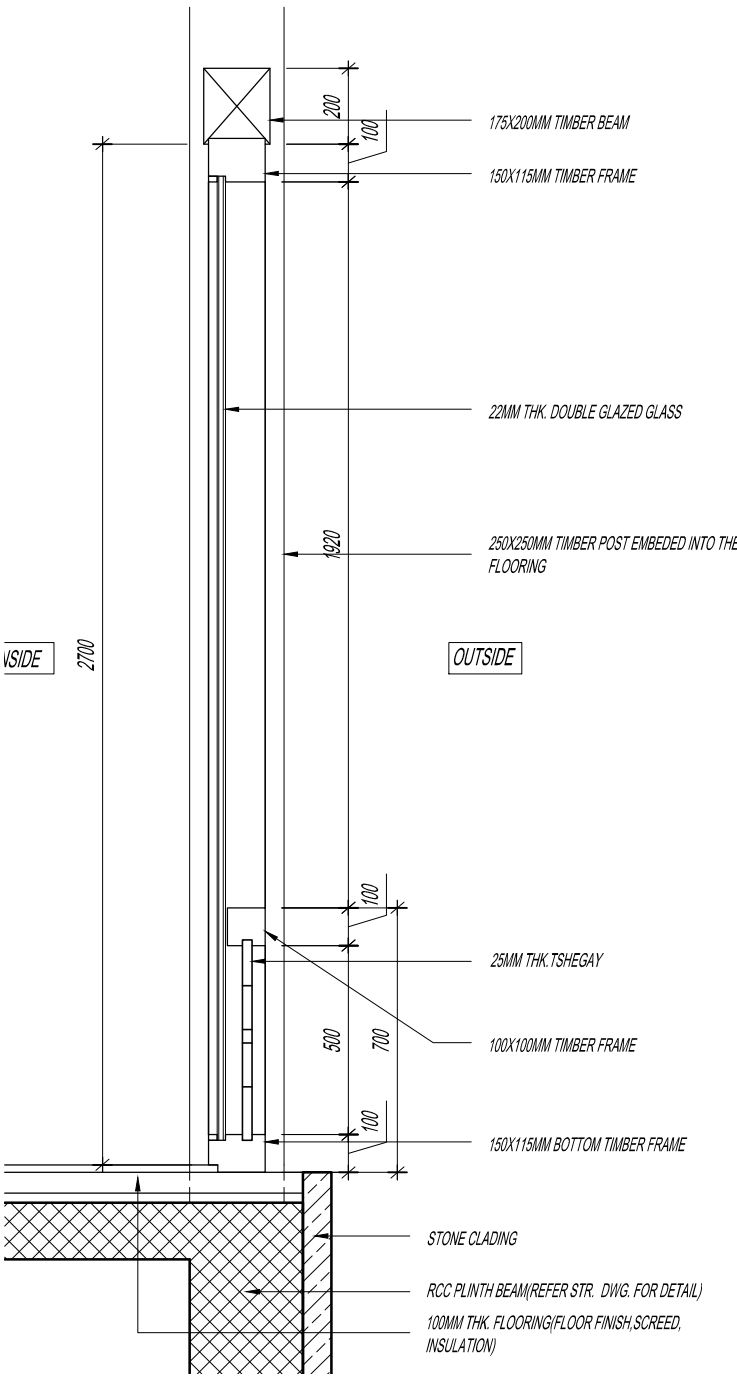
Scale 1:20 @ A3
Date JAN 2017
Drawn By TSHEWANG GYELTSHEN
Design By DINESH
Drawing Number 12246 WD 01
LEAPP Project Code 12246



ELEVATION (W21)



PLAN (W21)



SECTION AT XX (W21)

NOTE:
-Timber frames to be bolted on floor and slab as necessary/stability of the frame.
-Gaps between (fixed shutter and frame, wall and timber frame, etc) should be sealed with silicon just before handing over the building to the client.
-Minor adjustment in the size of the window/door should be done at the site if the window/door lies between two RCC structures



ROYAL GOVERNMENT OF BHUTAN
DEPARTMENT OF AIR TRANSPORT

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- MINOR ADJUSTMENTS NEED TO BE CARRIED OUT ON SITE TO MATCH WITH THE BUILDING

Legend

No.	Revision	Date

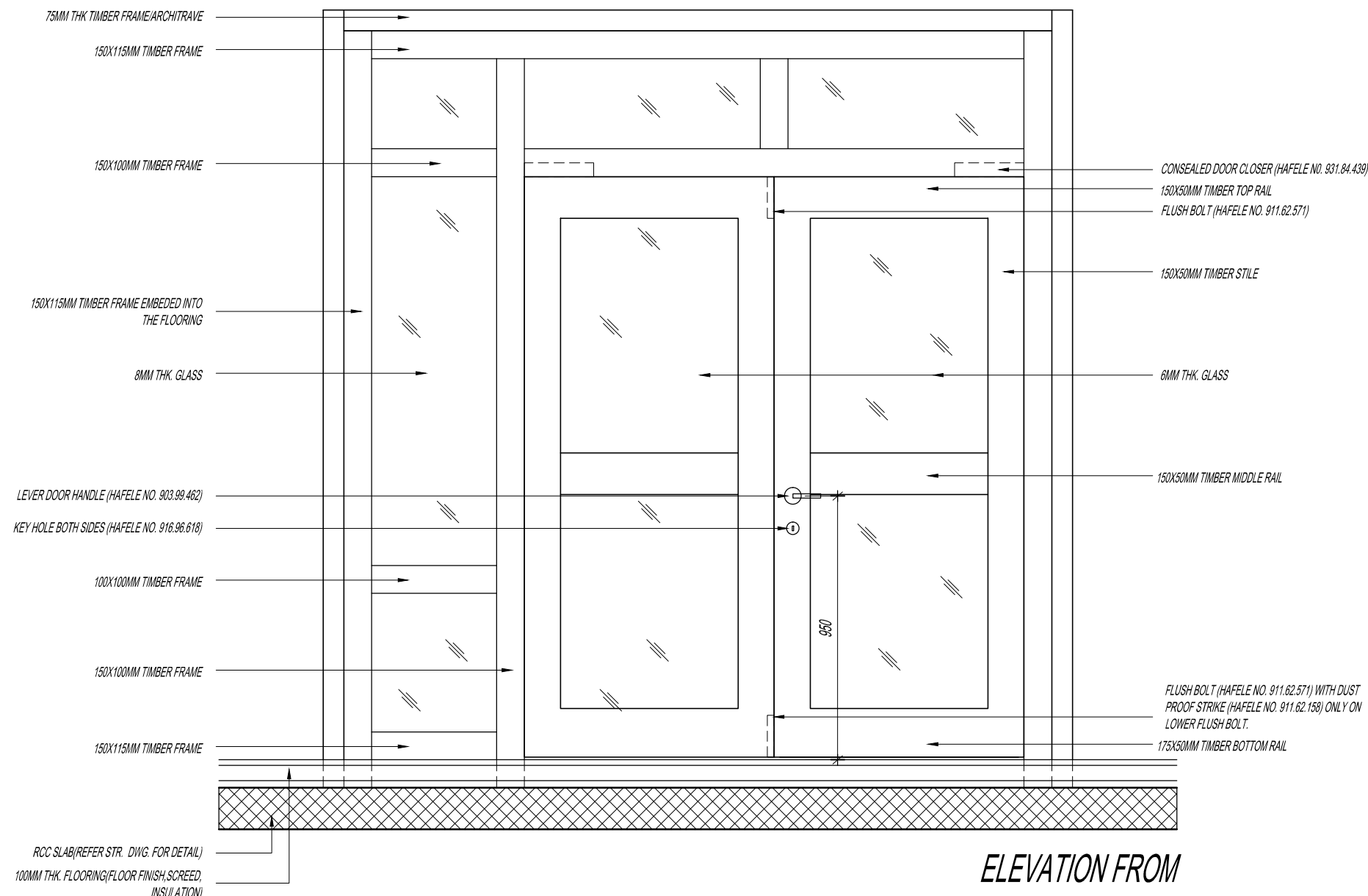
Client
Ministry of Information and Communications Department of Air Transport
Aviation Planners & Engineers Leading Edge Aviation Planning Professionals
Architect Tullamore Group
Civil Engineering Consultant Gyaltshen Consultancy
Project Title

**BHUTAN DOMESTIC AIRPORT
DESIGN AND SUPERVISION
BUMTHANG AIRPORT
PASSENGER TERMINAL.**

Drawing Title

WINDOW DETAIL W28

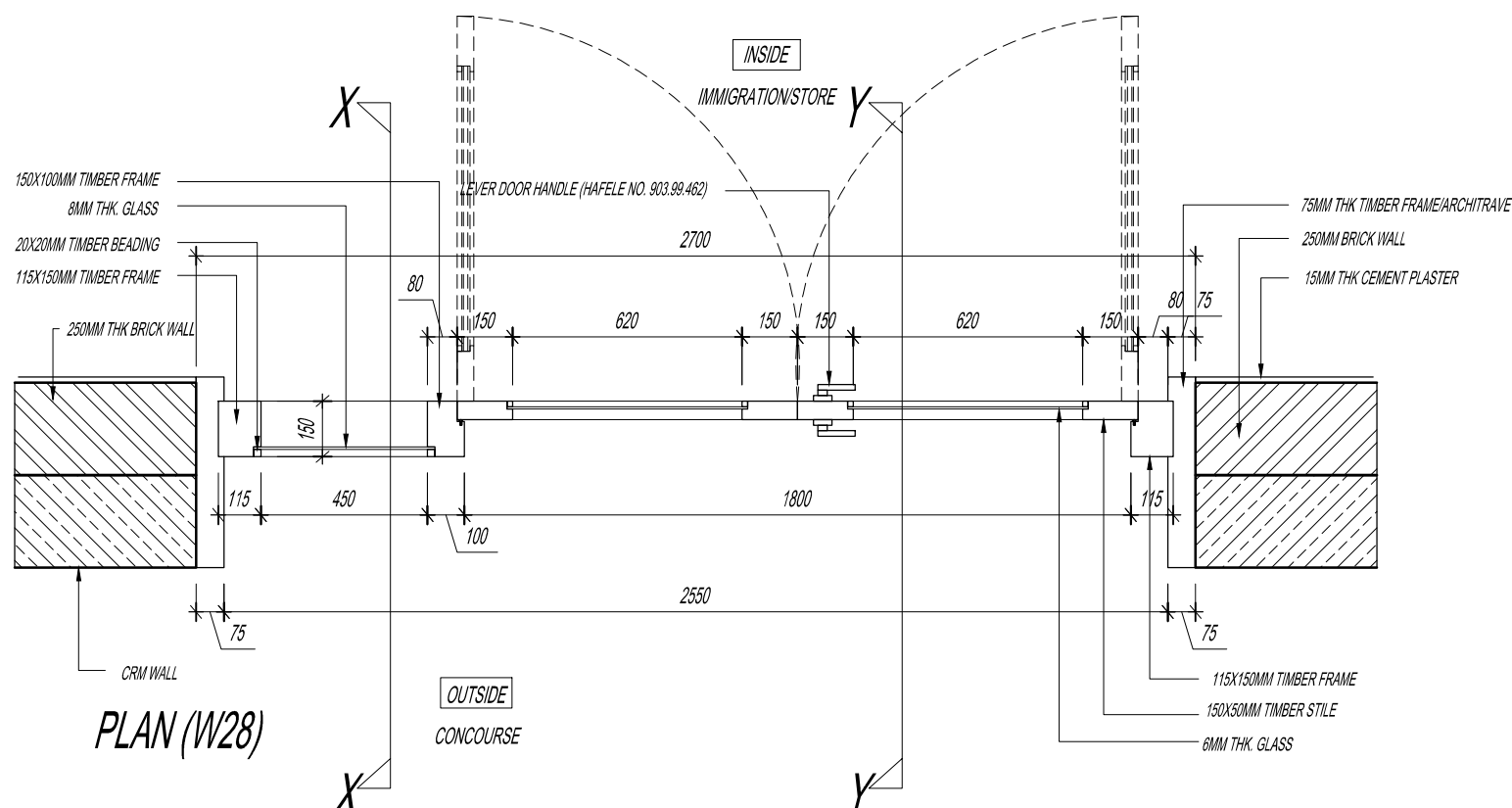
Scale	1:20 @ A3
Date	JAN 2017
Drawn By	TSHEWANG GYELTSHEN
Design By	DINESH
Drawing Number	12246 WD 01
LEAPP Project Code	12246



**ELEVATION FROM
CONCOURSE (W28)**

NOTE:

- Shutter to be provided with Hafele door handle as specified at 950mm from FFL
- Shutter to be provided with 4", 4 nos Hafele ball bearing butt hinges No. 926.83.310
- Shutter to be provided with 1 no Hafele Mortise lock case (No. 911.02.124)
- Shutter to be provided with 1 no Hafele Euro profile cylinder with key hole on both sides (No. 916.96.618)
- Shutter to be provided with 1 no Hafele concealed door closer (No. 931.84.439)
- Shutter to be provided with 2 nos Hafele flush bolt as specified
- Shutter to be provided with Hafele dust proof strike for the lower flush bolt as specified
- Shutter to be provided with Hafele rubber seal brown (No. 950.09.522)
- Timber frames to be bolted on floor and slab as necessary/stability of the frame.
- All Hafele fittings should be in SS Matt finish.
- Gaps between (fixed shutter and frame, wall and timber frame, etc) should be sealed with silicon just before handing over the building to the client.
- Minor adjustment in the size of the window/door should be done at the site if the window/door lies between two RCC structures



PLAN (W28)



ROYAL GOVERNMENT OF BHUTAN
DEPARTMENT OF AIR TRANSPORT

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	Legend
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[illegible]

	Client
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Ministry of Information and Communications
Department of Air Transport

Aviation Planners & Engineers

Leading Edge Aviation Planning Professionals

Architect

Tullamore Group

Civil Engineering Consultant

Gyaltshen Consultancy

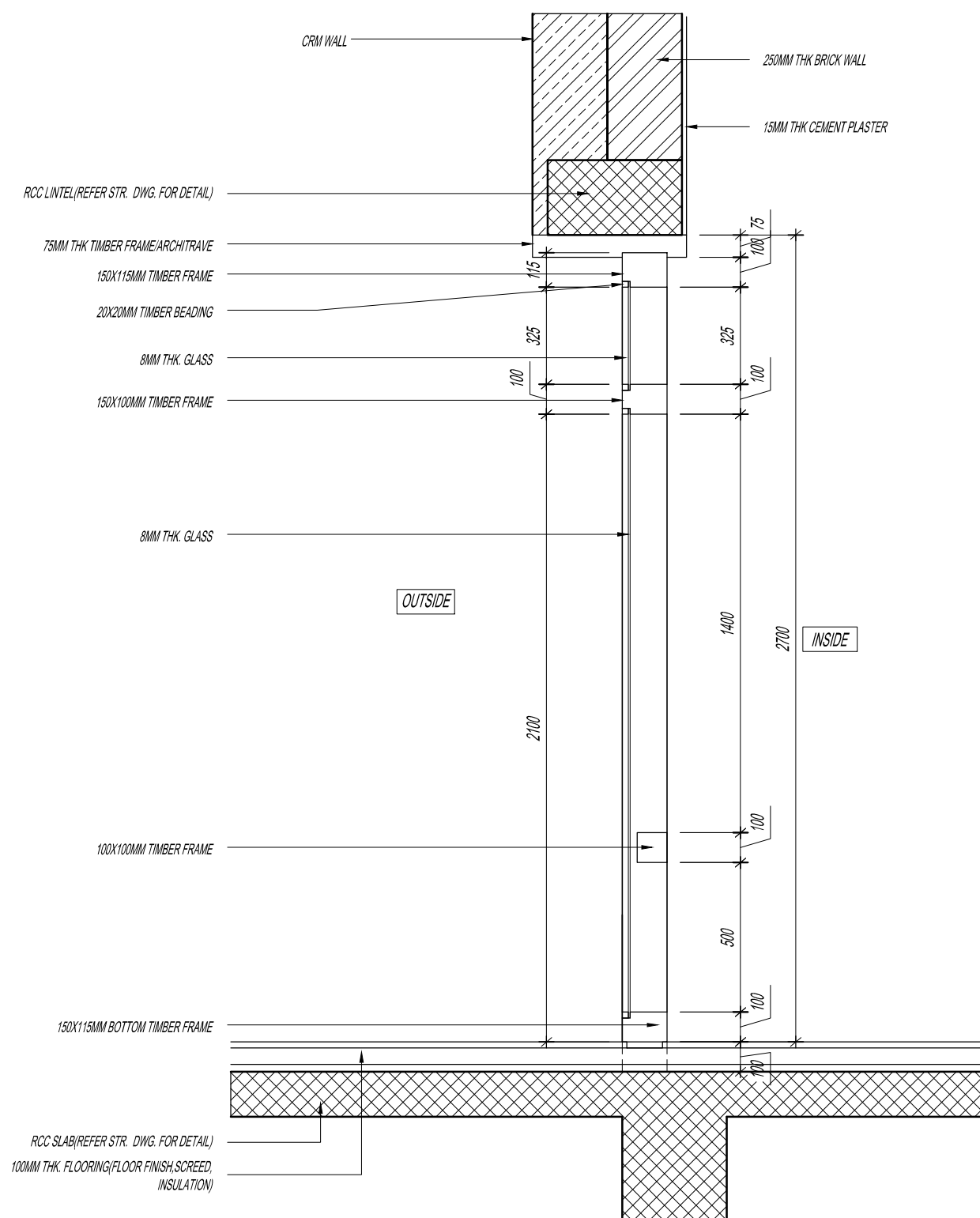
	Project Title
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BHUTAN DOMESTIC AIRPORT
DESIGN AND SUPERVISION
BUMTHANG AIRPORT
PASSENGER TERMINAL.

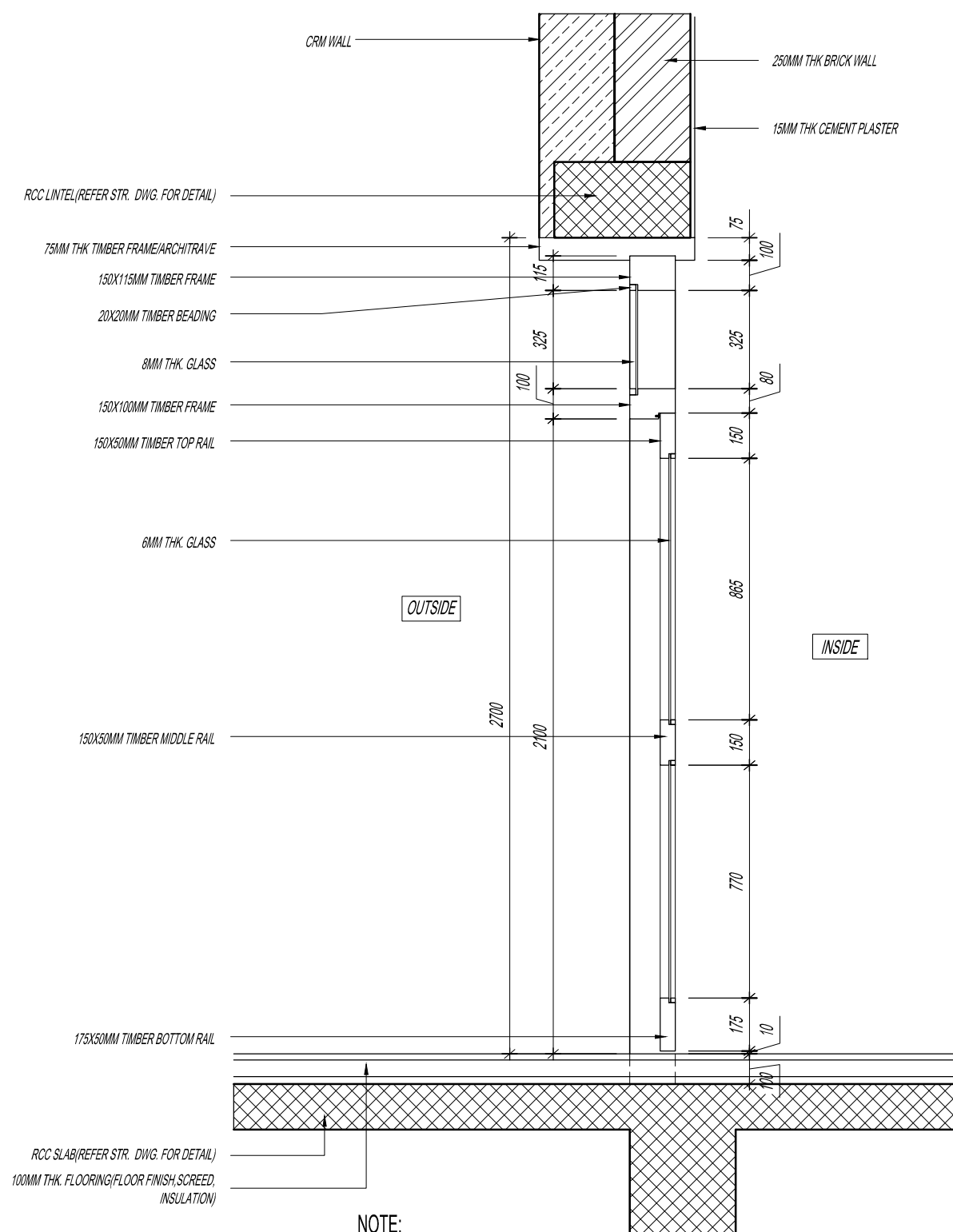
	Drawing Title
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WINDOW DETAIL W28

Scale	1:20 @ A3
Date	JAN 2017
Drawn By	TSHEWANG GYELTSHEN
Design By	DINESH
Drawing Number	12246 WD 01
LEAPP Project Code	12246



SECTION AT XX (W28)



SECTION AT YY (W28)

NOTE:

- Shutter to be provided with Hafele door handle as specified at 950mm from FFL
- Shutter to be provided with 4", 4 nos Hafele ball bearing butt hinges No. 926.83.310
- Shutter to be provided with 1 no Hafele Mortise lock case (No. 911.02.124)
- Shutter to be provided with 1 no Hafele Euro profile cylinder with key hole on both sides (No. 916.96.618)
- Shutter to be provided with 1 no Hafele concealed door closer (No. 931.84.439)
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- Shutter to be provided with Hafele dust proof strike for the lower flush bolt as specified
- Shutter to be provided with Hafele rubber seal brown (No. 950.09.522)
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DEPARTMENT OF AIR TRANSPORT

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Legend

No.	Revision	Date

Client
Ministry of Information and Communications
Department of Air Transport
Aviation Planners & Engineers
Leading Edge Aviation Planning Professionals
Architect
Tullamore Group
Civil Engineering Consultant
Gyaltshen Consultancy

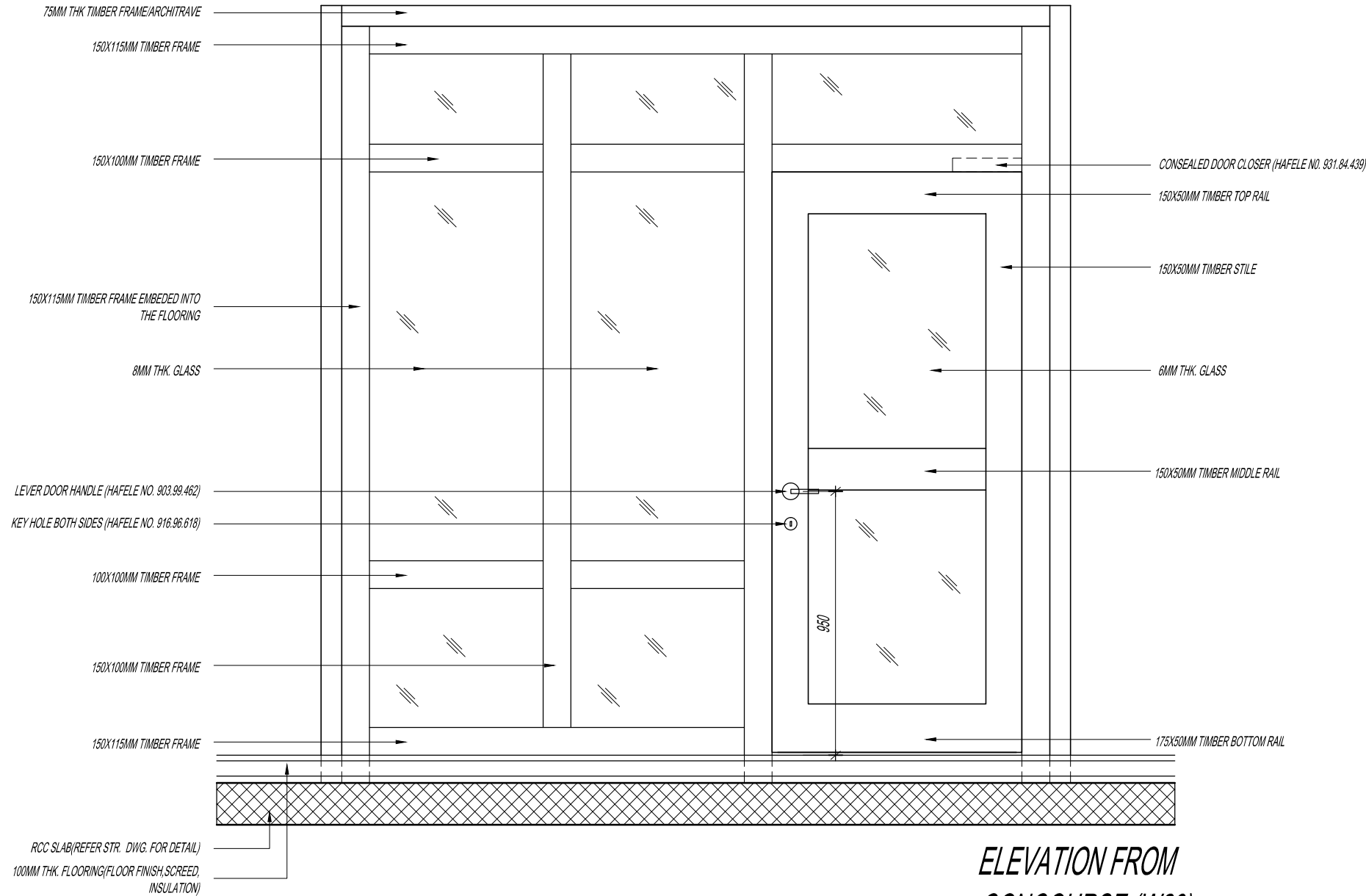
Project Title

**BHUTAN DOMESTIC AIRPORT
DESIGN AND SUPERVISION
BUMTHANG AIRPORT
PASSENGER TERMINAL.**

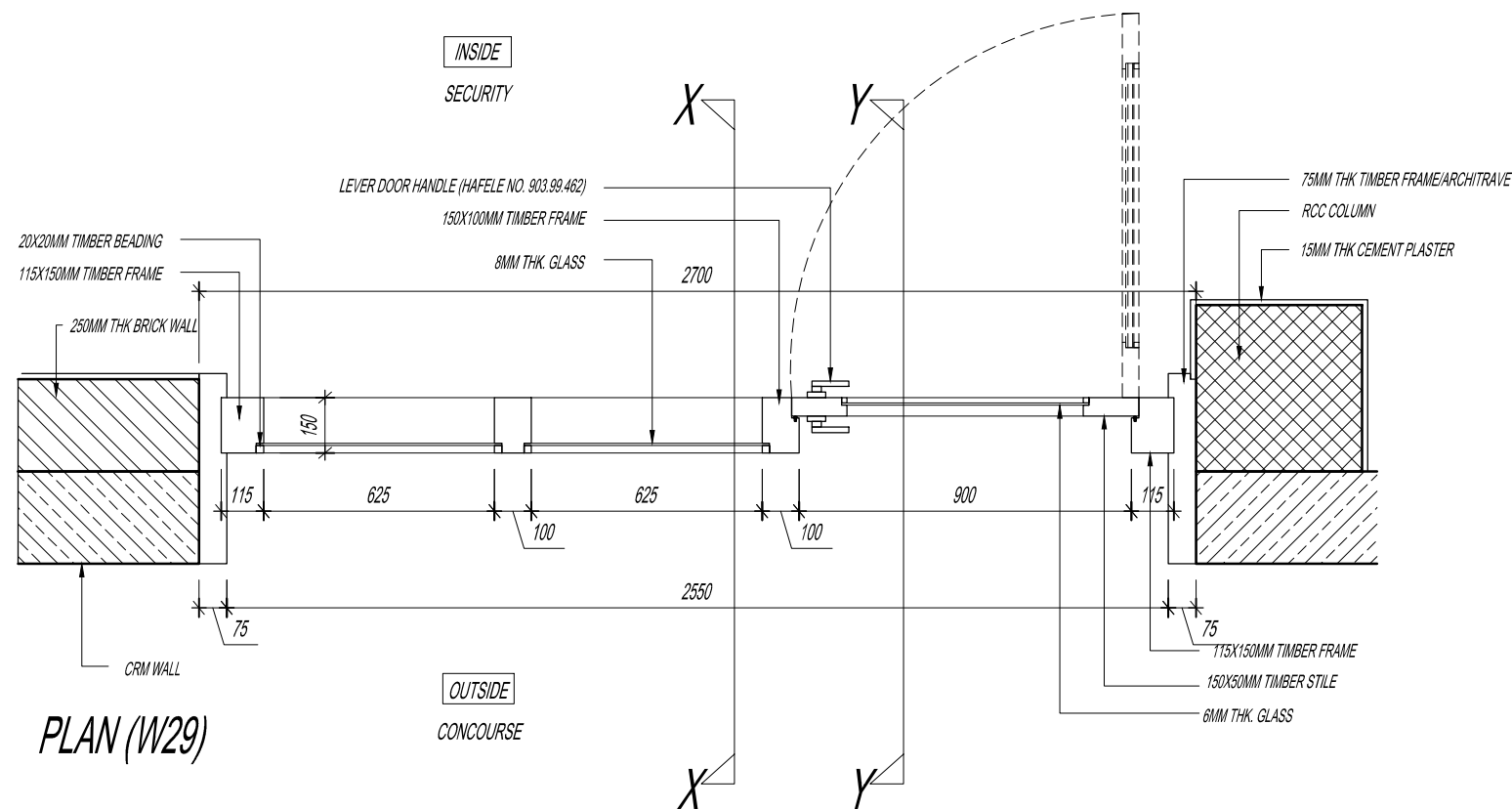
Drawing Title

WINDOW DETAIL W29

Scale	1:20 @ A3
Date	JAN 2017
Drawn By	TSHEWANG GYELTSHEN
Design By	DINESH
Drawing Number	12246 WD 01
LEAPP Project Code	12246



**ELEVATION FROM
CONCOURSE (W29)**



PLAN (W29)

NOTE:
-Shutter to be provided with Hafele door handle as specified at 950mm from FFL
-Shutter to be provided with 4", 4 nos Hafele ball bearing butt hinges No. 926.83.310
-Shutter to be provided with 1 no Hafele Mortise lock case (No. 911.02.124)
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ROYAL GOVERNMENT OF BHUTAN
DEPARTMENT OF AIR TRANSPORT

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Leading Edge Aviation Planning Professionals
Architect
Tullamore Group
Civil Engineering Consultant
Gyaltshen Consultancy

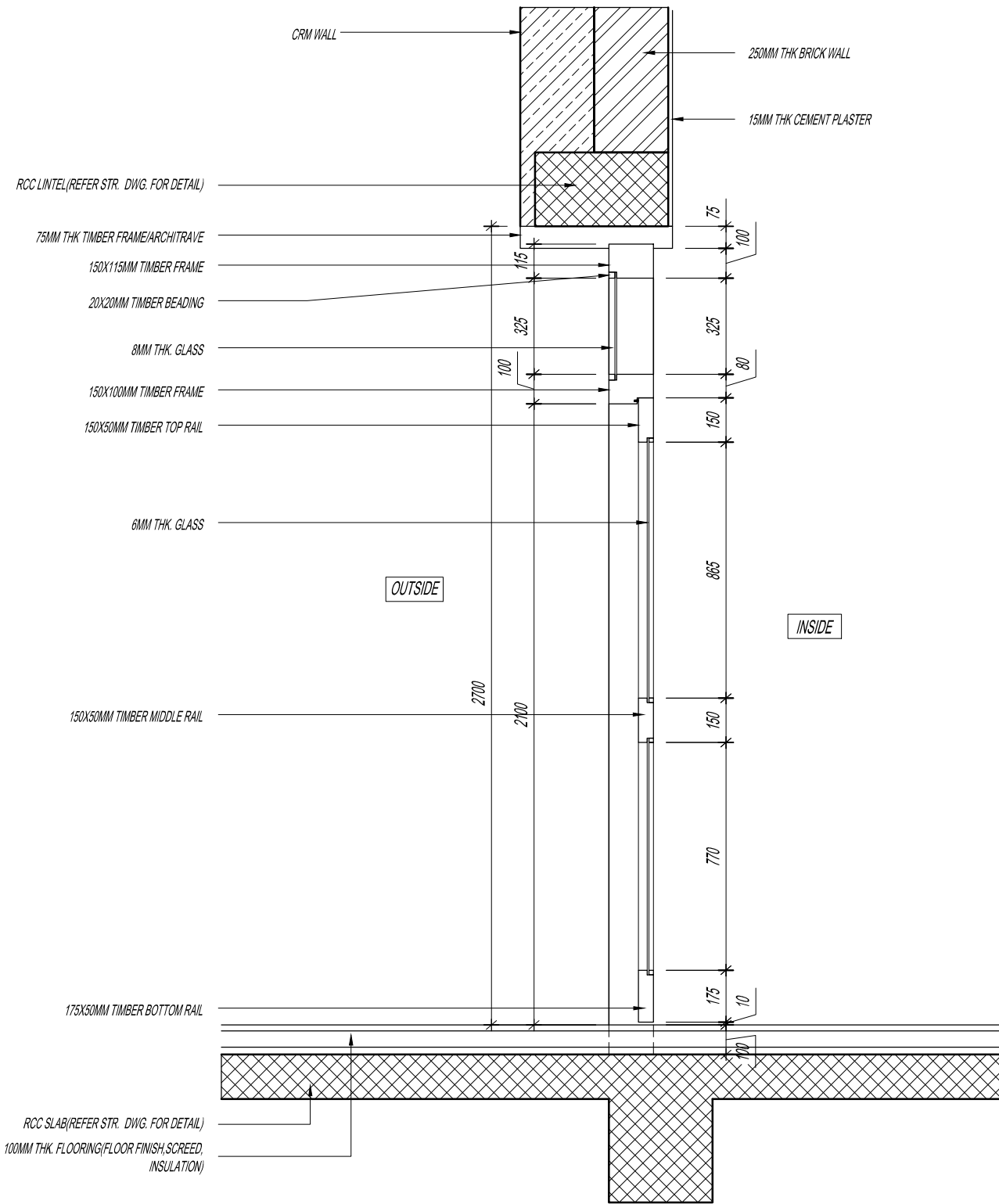
Project Title

BHUTAN DOMESTIC AIRPORT
DESIGN AND SUPERVISION
BUMTHANG AIRPORT
PASSENGER TERMINAL.

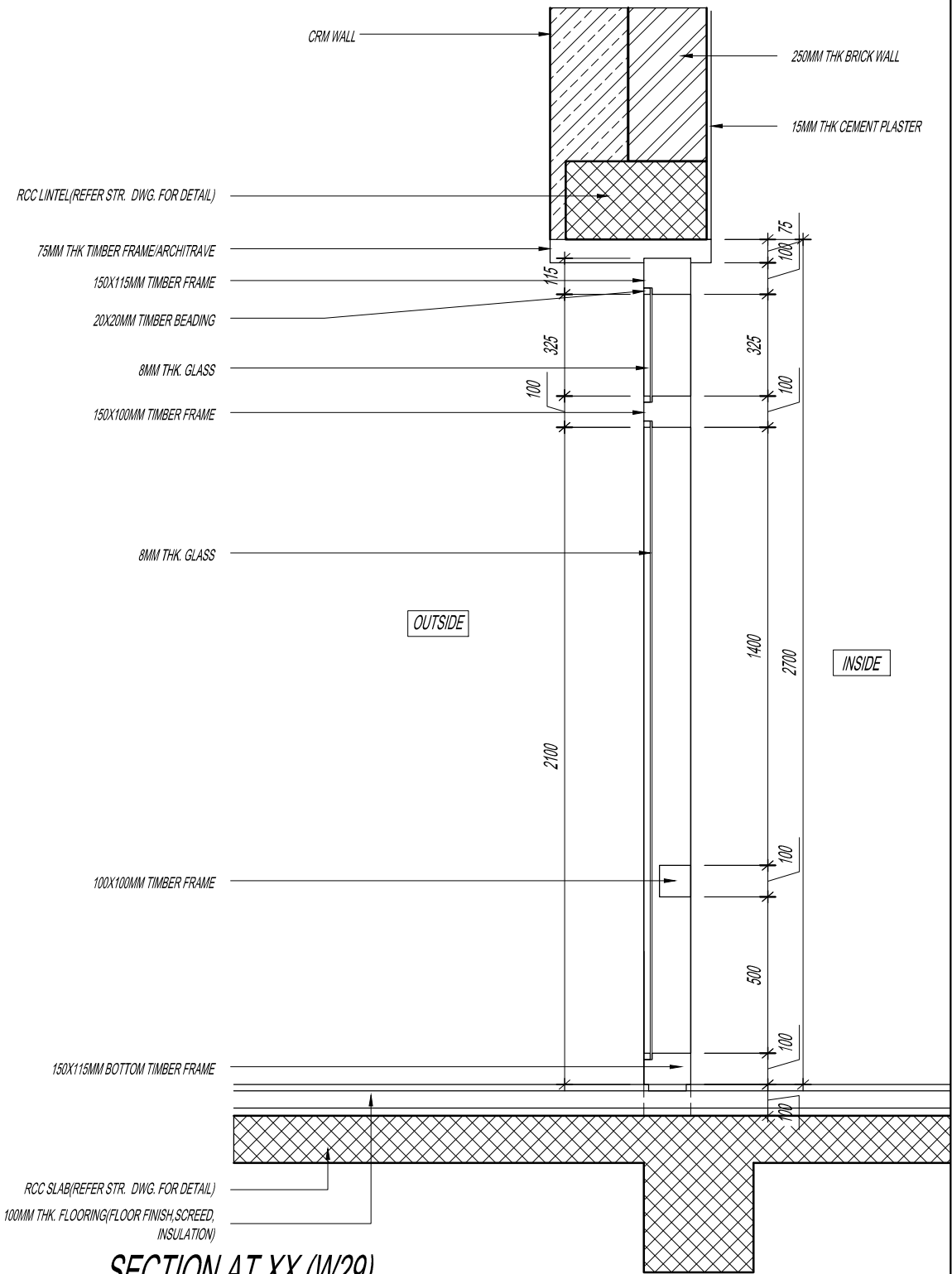
Drawing Title

WINDOW DETAIL W29

Scale	1:20 @ A3
Date	JAN 2017
Drawn By	TSHEWANG GYELTSHEN
Design By	DINESH
Drawing Number	12246 WD 01
LEAPP Project Code	12246



SECTION AT YY (W29)



SECTION AT XX (W29)

NOTE:
-Shutter to be provided with Hafele door handle as specified at 950mm from FFL
-Shutter to be provided with 4", 4 nos Hafele ball bearing butt hinges No. 926.83.310
-Shutter to be provided with 1 no Hafele Mortise lock case (No. 911.02.124)
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Legend

No.	Revision	Date

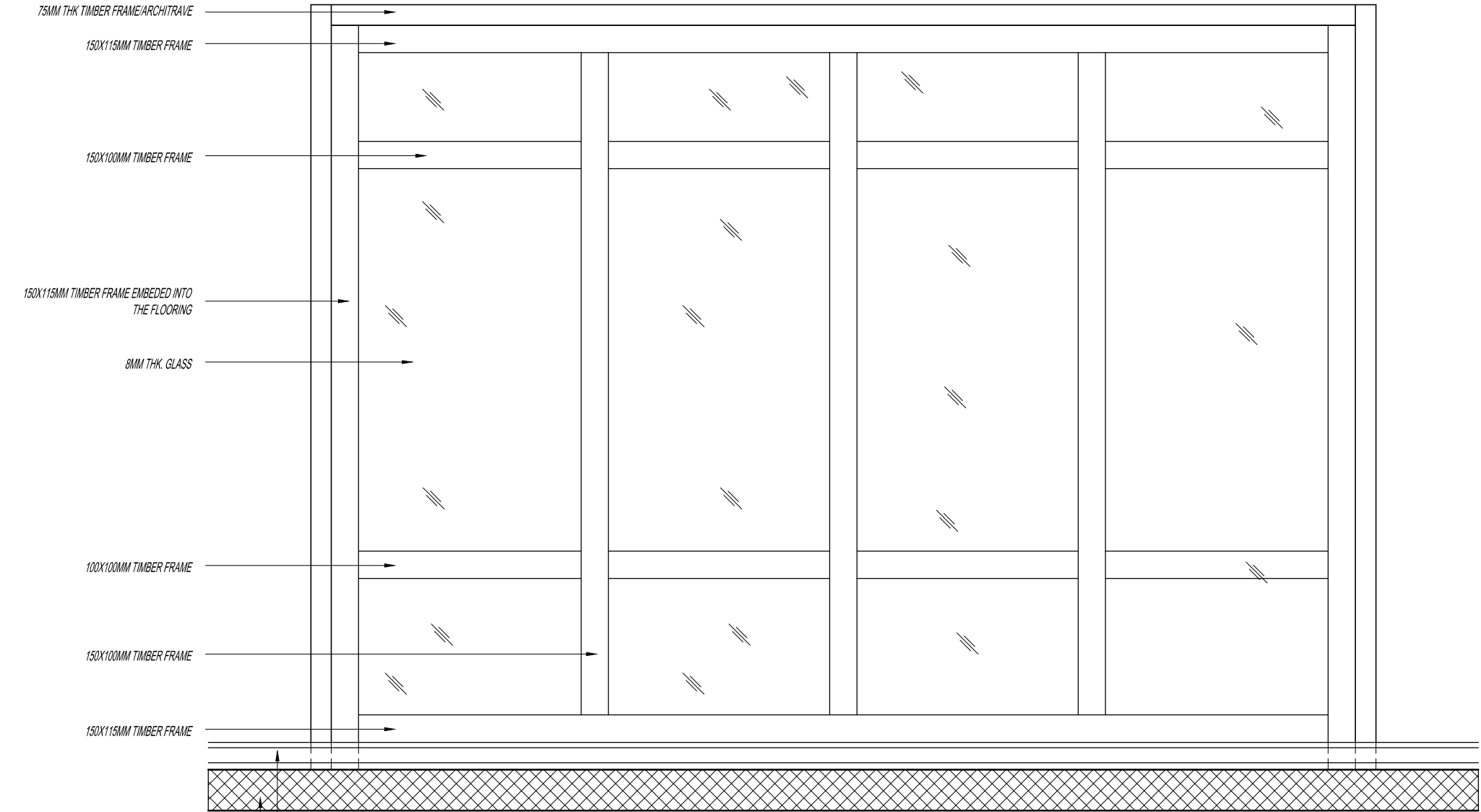
Client
Ministry of Information and Communications
Department of Air Transport
Aviation Planners & Engineers
Leading Edge Aviation Planning Professionals
Architect
Tullamore Group
Civil Engineering Consultant
Gyaltshen Consultancy
Project Title

BHUTAN DOMESTIC AIRPORT
DESIGN AND SUPERVISION
BUMTHANG AIRPORT
PASSENGER TERMINAL.

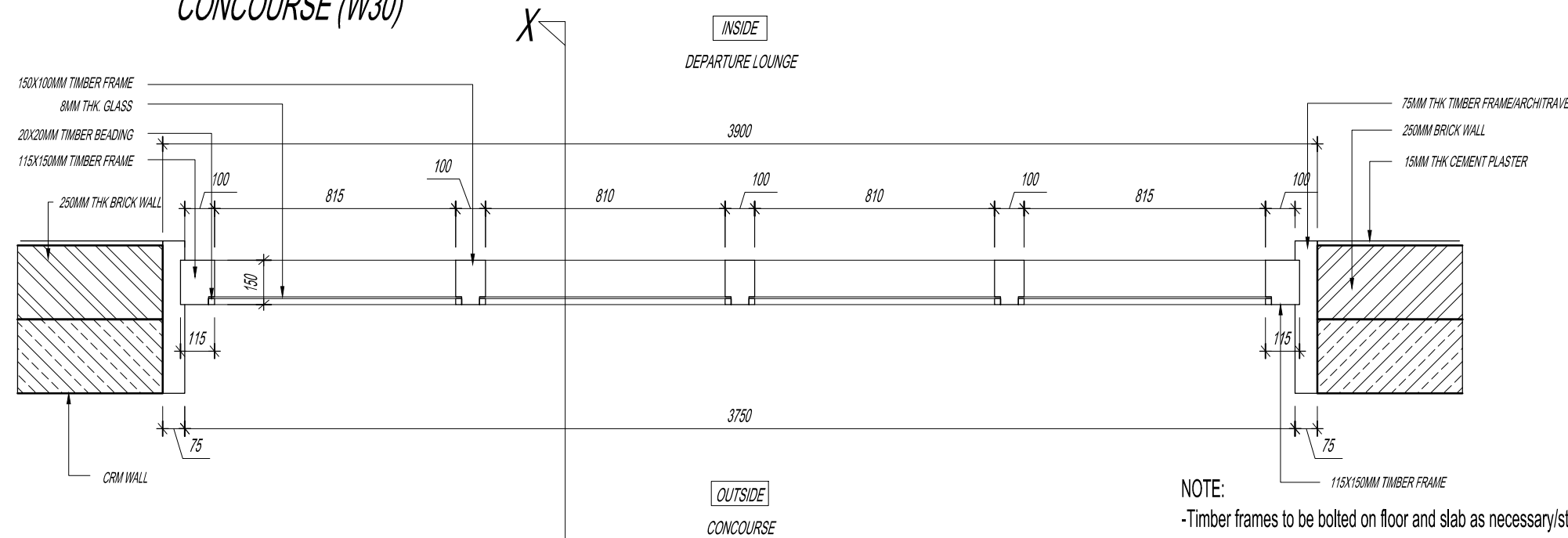
Drawing Title

WINDOW DETAIL W30

Scale 1:20 @ A3
Date JAN 2017
Drawn By TSHEWANG GYELTSHEN
Design By DINESH
Drawing Number 12246 WD 01
LEAPP Project Code 12246



ELEVATION FROM
CONCOURSE (W30)



PLAN (W30)

NOTE:
-Timber frames to be bolted on floor and slab as necessary/stability of the frame.
-Gaps between (fixed shutter and frame, wall and timber frame, etc) should be sealed with silicon just before handing over the building to the client.
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ROYAL GOVERNMENT OF BHUTAN
DEPARTMENT OF AIR TRANSPORT

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Legend

[illegible]

	Client
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Ministry of Information and Communications
Department of Air Transport

Aviation Planners & Engineers

Leading Edge Aviation Planning Professionals

	Architect
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Tullamore Group

Civil Engineering Consultant
Gyaltshen Consultancy

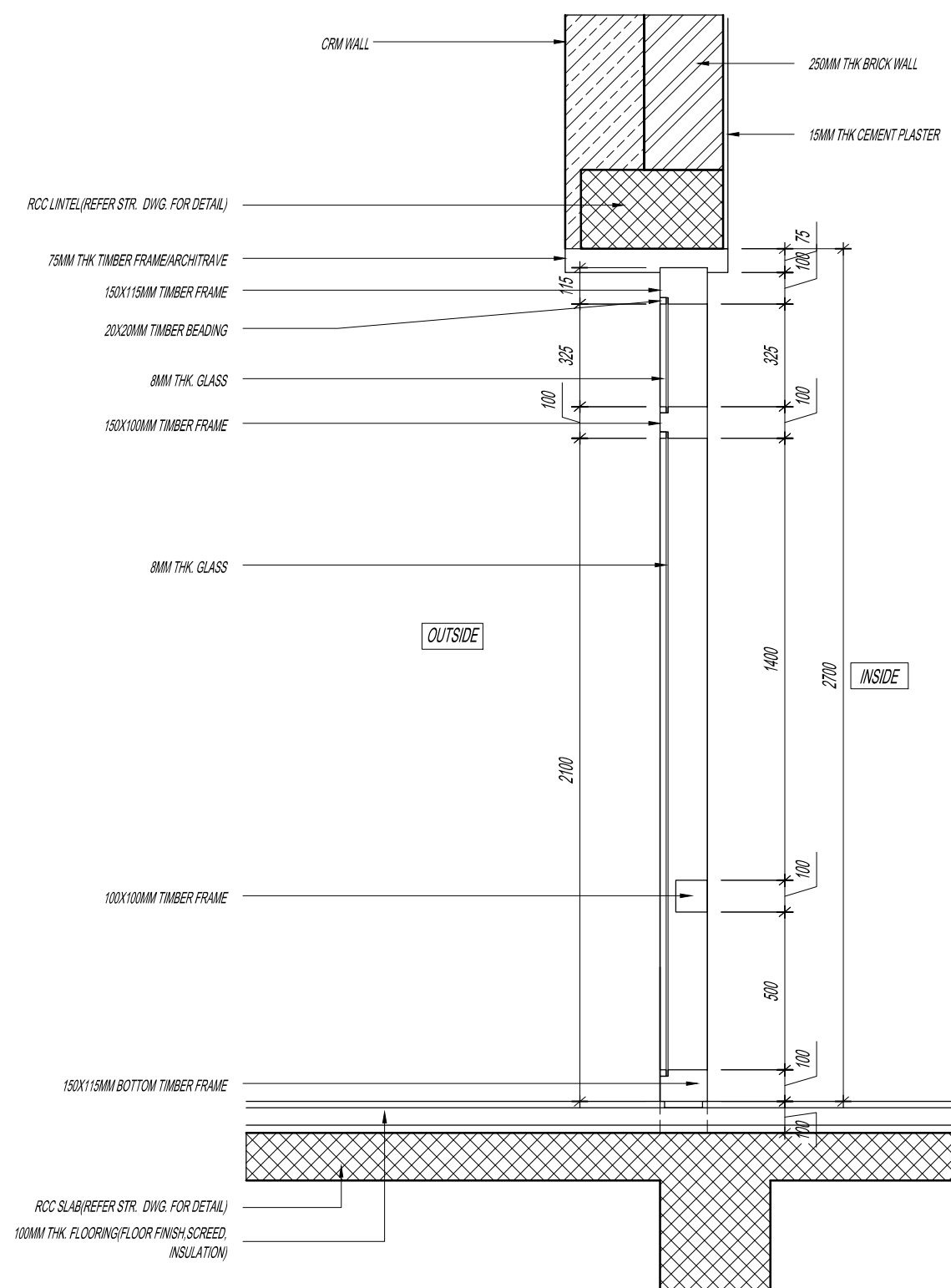
	Project Title
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BHUTAN DOMESTIC AIRPORT
DESIGN AND SUPERVISION
BUMTHANG AIRPORT
PASSENGER TERMINAL.

Drawing Title

WINDOW DETAIL W30

Scale	1:20 @ A3
Date	JAN 2017
Drawn By	TSHEWANG GYELTSHEN
Design By	DINESH
Drawing Number	12246 WD 01
LEAPP Project Code	12246



SECTION AT XX (W30)

NOTE:

- Timber frames to be bolted on floor and slab as necessary/stability of the frame.
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Legend

[illegible]

	Client
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Ministry of Information and Communications
Department of Air Transport

Aviation Planners & Engineers

Leading Edge Aviation Planning Professionals

Architect

Tullamore Group

Civil Engineering Consultant

Gyaltshen Consultancy

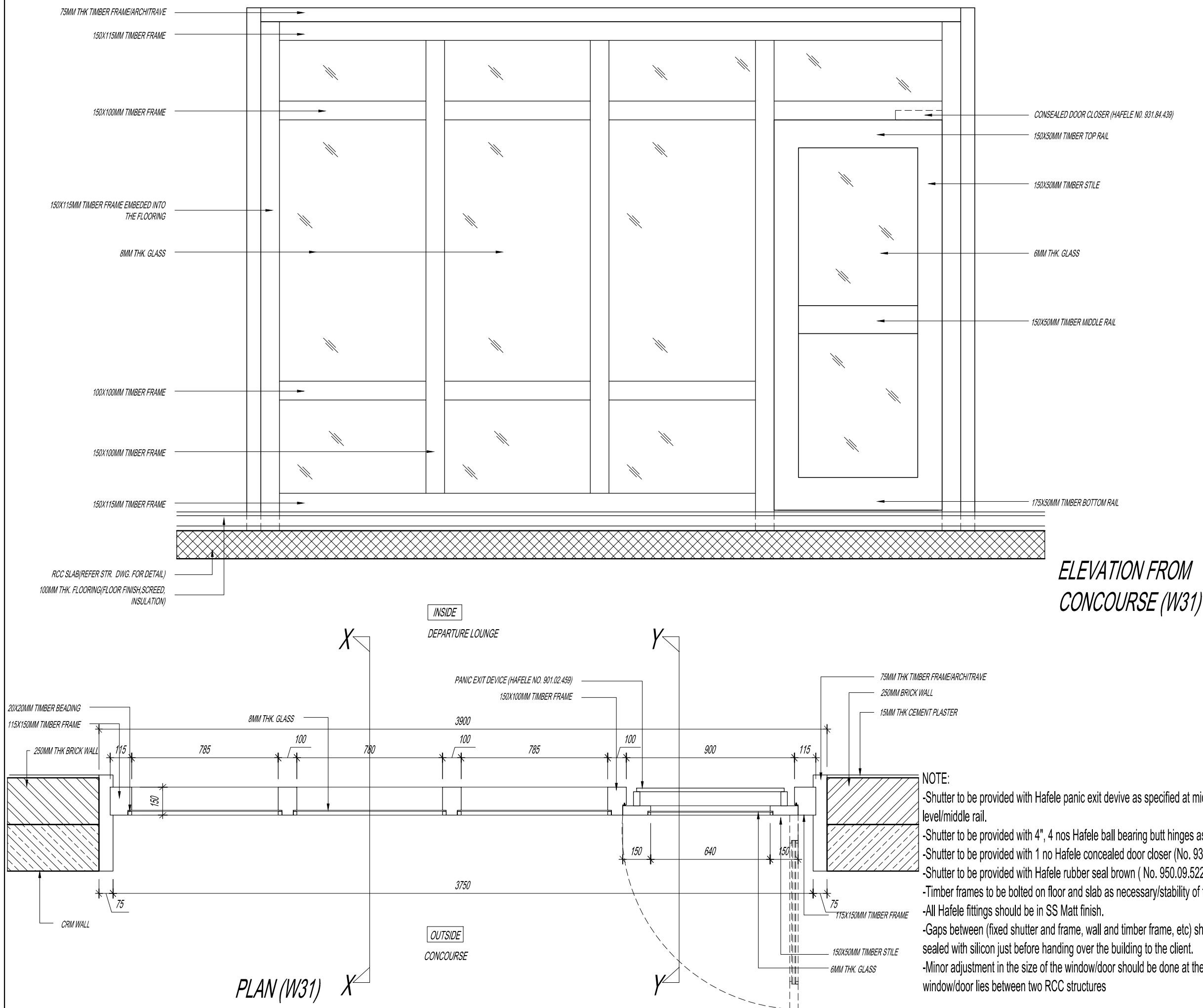
Project Title

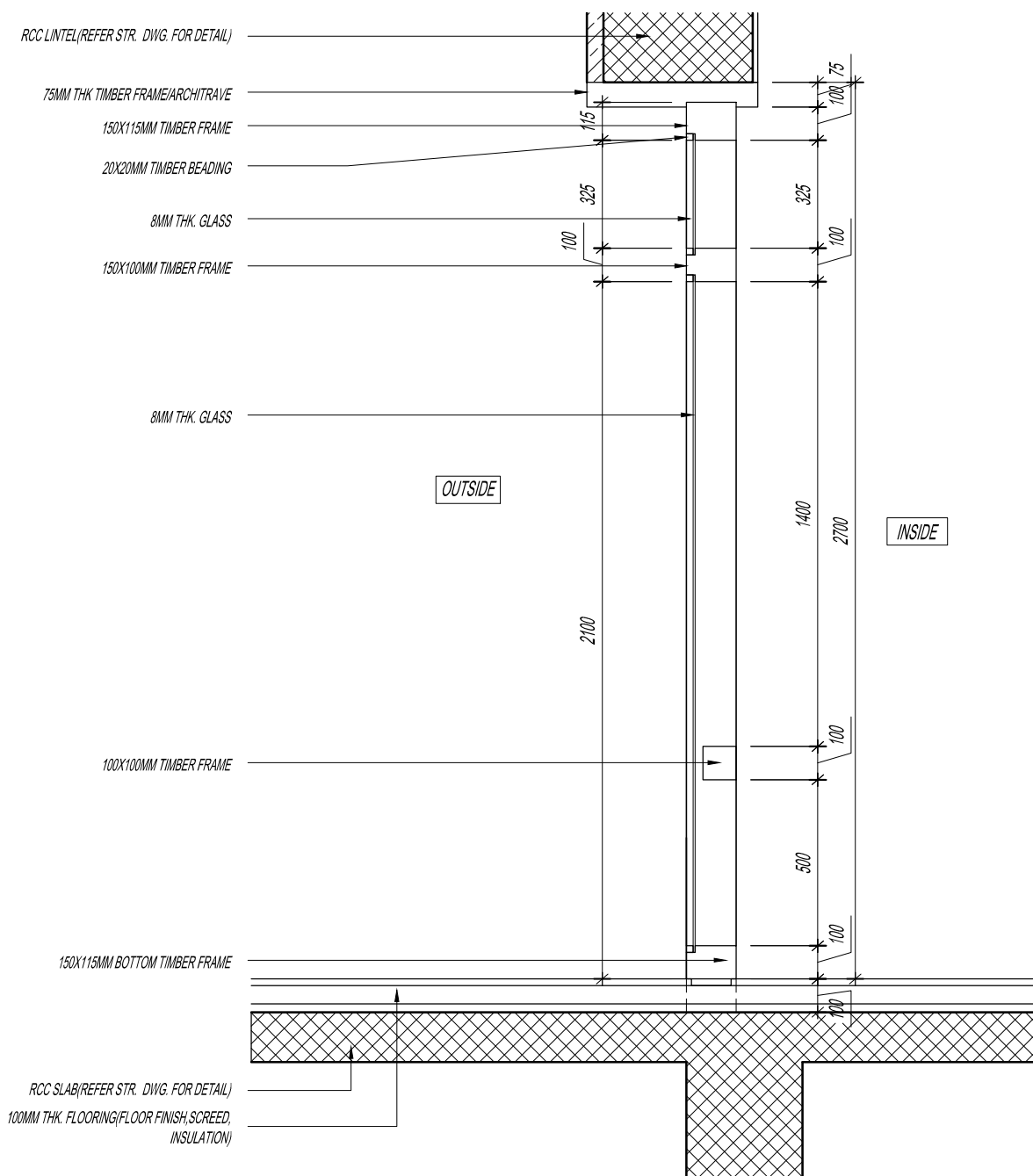
BHUTAN DOMESTIC AIRPORT
DESIGN AND SUPERVISION
BUMTHANG AIRPORT
PASSENGER TERMINAL.

	Drawing Title
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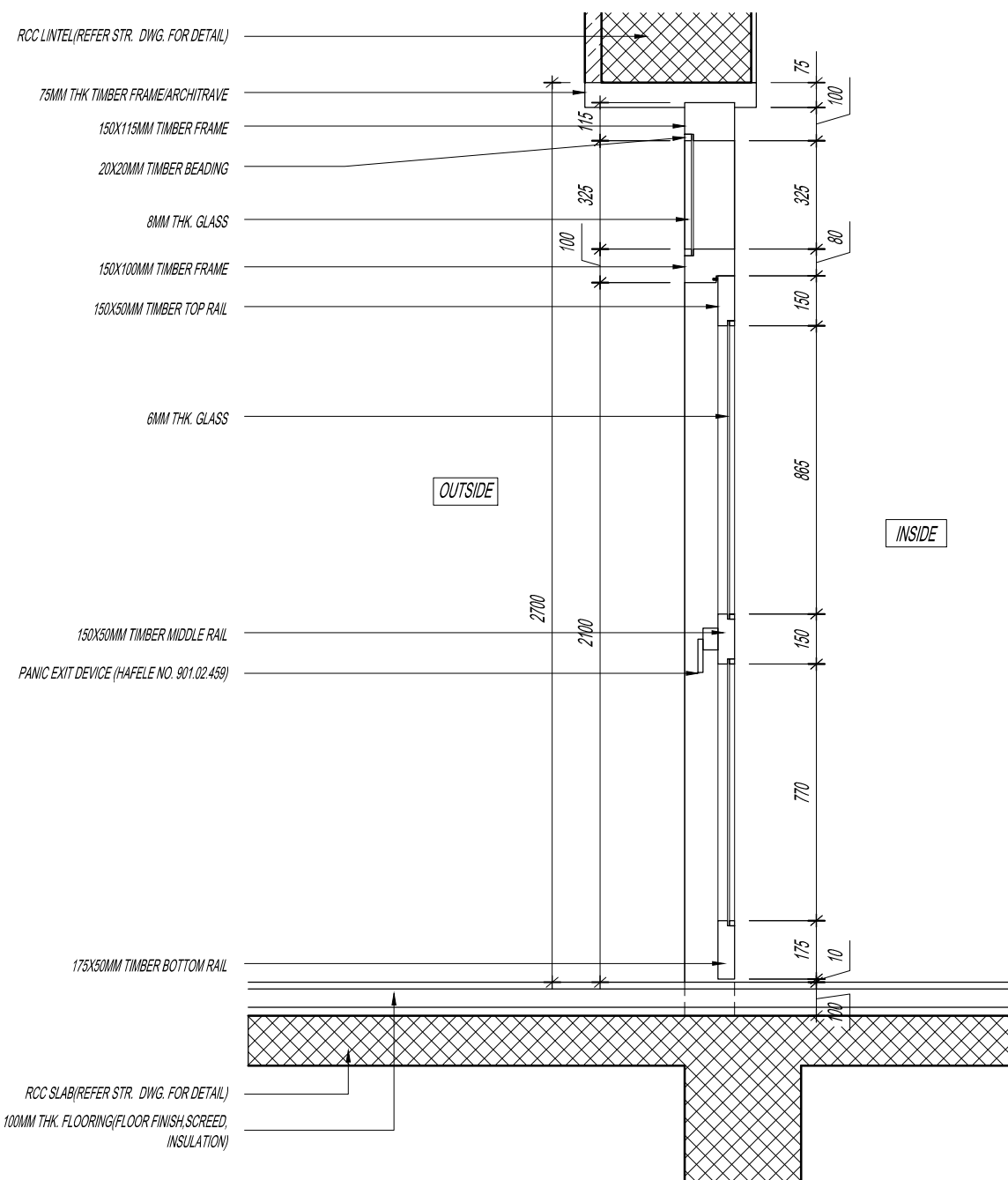
WINDOW DETAIL W31

Scale	1:20 @ A3
Date	JAN 2017
Drawn By	TSHEWANG GYELTSHEN
Design By	DINESH
Drawing Number	12246 WD 01
LEAPP Project Code	12246





SECTION AT XX (W31)



SECTION AT YY (W31)

NOTE:

- Shutter to be provided with Hafele panic exit device as specified at mid level/middle rail.
- Shutter to be provided with 4", 4 nos Hafele ball bearing butt hinges as specified.
- Shutter to be provided with 1 no Hafele concealed door closer (No. 931.84.439)
- Shutter to be provided with Hafele rubber seal brown (No. 950.09.522)
- Timber frames to be bolted on floor and slab as necessary/stability of the frame.
- All Hafele fittings should be in SS Matt finish.
- Gaps between (fixed shutter and frame, wall and timber frame, etc) should be sealed with silicon just before handing over the building to the client.
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ROYAL GOVERNMENT OF BHUTAN
DEPARTMENT OF AIR TRANSPORT

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Legend

No.	Revision	Date

Client
Ministry of Information and Communications Department of Air Transport
Aviation Planners & Engineers Leading Edge Aviation Planning Professionals
Architect Tullamore Group
Civil Engineering Consultant Gyaltshen Consultancy
Project Title

BHUTAN DOMESTIC AIRPORT
DESIGN AND SUPERVISION
BUMTHANG AIRPORT
PASSENGER TERMINAL.

Drawing Title

WINDOW DETAIL W31

Scale	1:20 @ A3
Date	JAN 2017
Drawn By	TSHEWANG GYELTSHEN
Design By	DINESH
Drawing Number	12246 WD 01
LEAPP Project Code	12246



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DEPARTMENT OF AIR TRANSPORT

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Legend

No.	Revision	Date

Client
Ministry of Information and Communications
Department of Air Transport
Aviation Planners & Engineers
Leading Edge Aviation Planning Professionals
Architect
Tullamore Group
Civil Engineering Consultant
Gyaltshen Consultancy

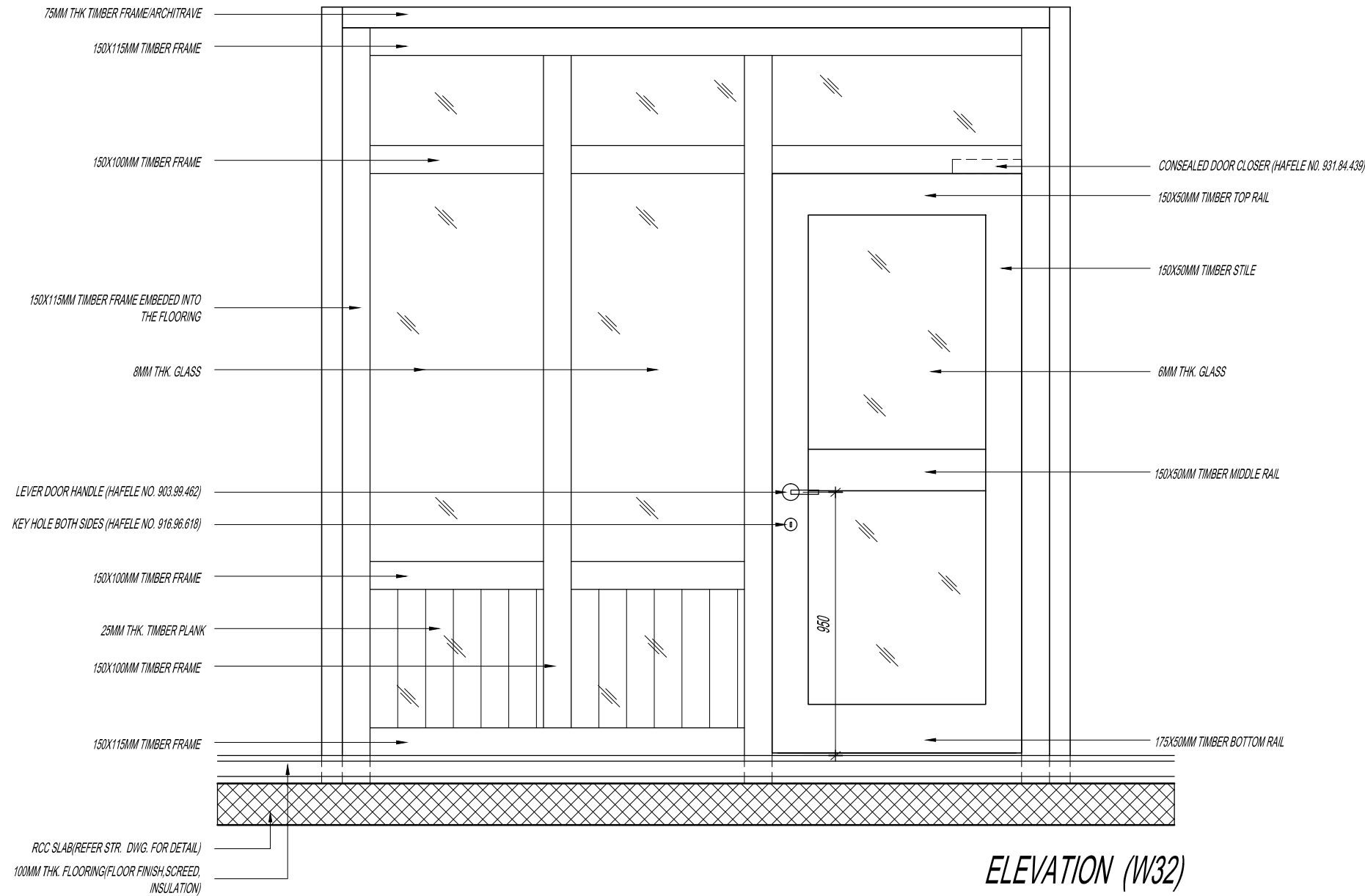
Project Title

**BHUTAN DOMESTIC AIRPORT
DESIGN AND SUPERVISION
BUMTHANG AIRPORT
PASSENGER TERMINAL.**

Drawing Title

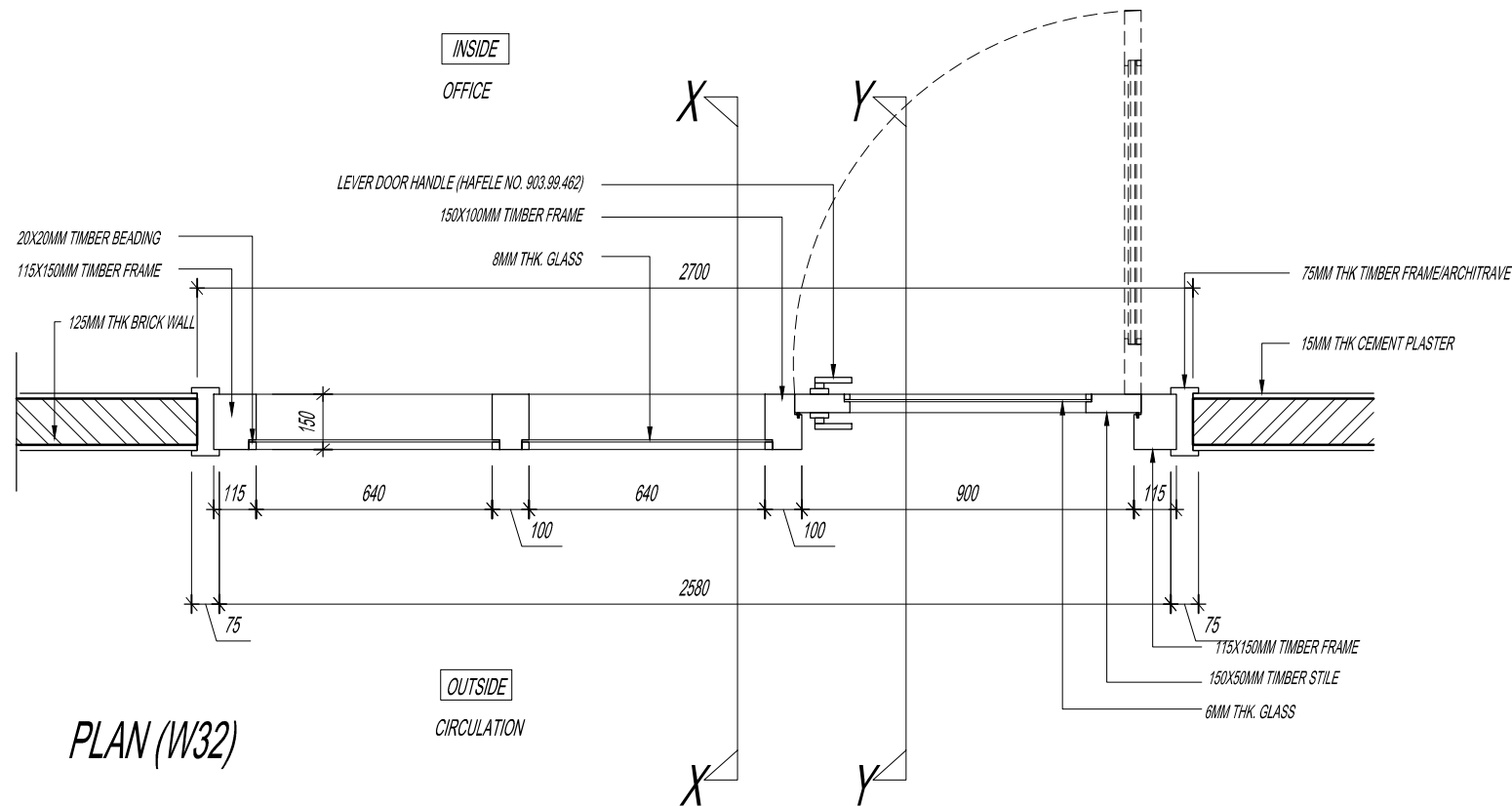
WINDOW DETAIL W32

Scale	1:20 @ A3
Date	JAN 2017
Drawn By	TSHEWANG GYELTSHEN
Design By	DINESH
Drawing Number	12246 WD 01
LEAPP Project Code	12246



ELEVATION (W32)

NOTE:
-Shutter to be provided with Hafele door handle as specified at 950mm from FFL
-Shutter to be provided with 4", 4 nos Hafele ball bearing butt hinges No. 926.83.310
-Shutter to be provided with 1 no Hafele Mortise lock case (No. 911.02.124)
-Shutter to be provided with 1 no Hafele Euro profile cylinder with key hole on both sides (No. 916.96.618)
-Shutter to be provided with 1 no Hafele concealed door closer (No. 931.84.439)
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PLAN (W32)



ROYAL GOVERNMENT OF BHUTAN
DEPARTMENT OF AIR TRANSPORT

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Legend

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Client
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Aviation Planners & Engineers
Leading Edge Aviation Planning Professionals
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Civil Engineering Consultant
Gyaltshen Consultancy

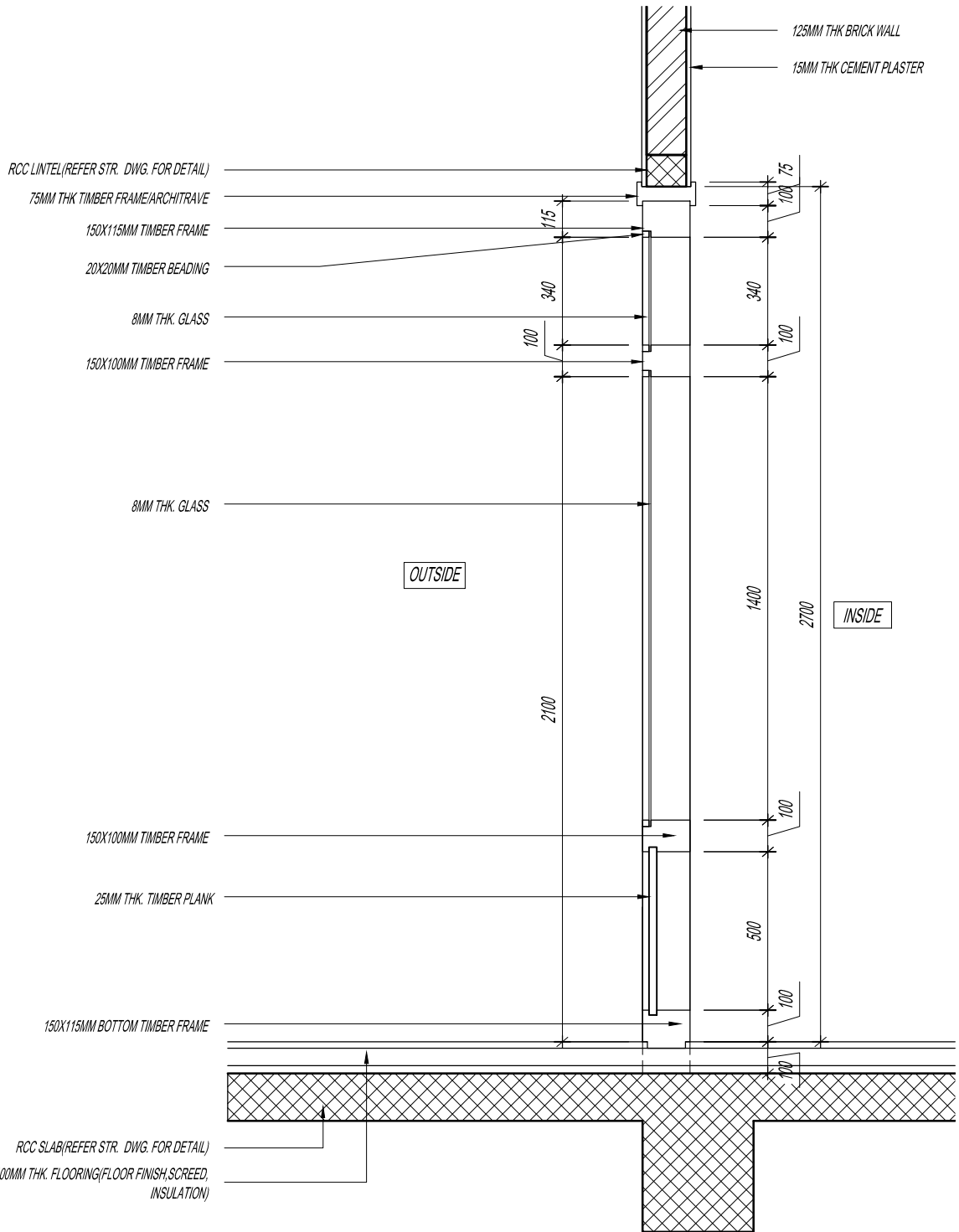
Project Title

BHUTAN DOMESTIC AIRPORT
DESIGN AND SUPERVISION
BUMTHANG AIRPORT
PASSENGER TERMINAL.

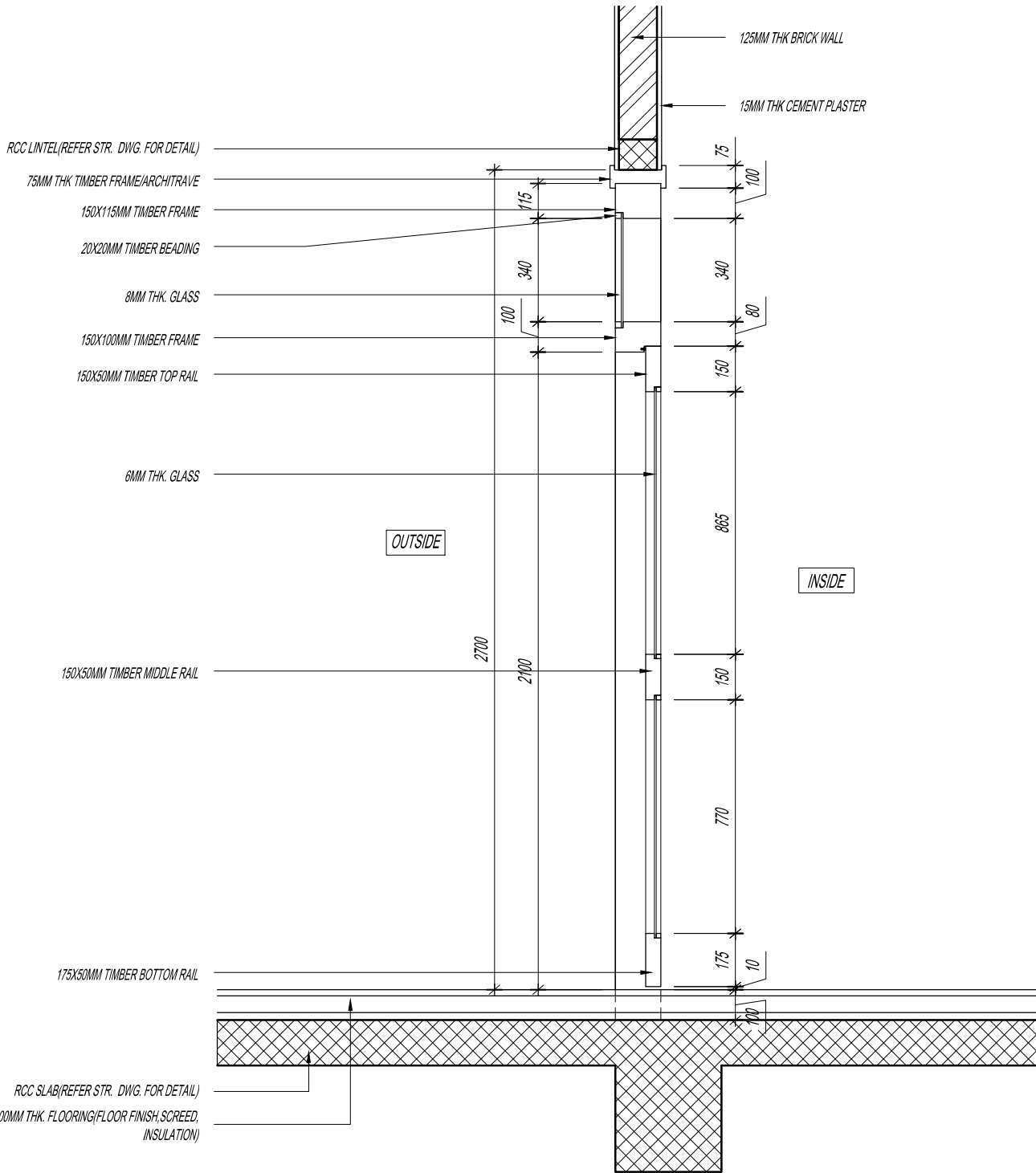
Drawing Title

WINDOW DETAIL W32

Scale 1:20 @ A3
Date JAN 2017
Drawn By TSHEWANG GYELTSHEN
Design By DINESH
Drawing Number 12246 WD 01
LEAPP Project Code 12246



SECTION AT XX (W32)



SECTION AT YY (W32)

NOTE:
-Shutter to be provided with Hafele door handle as specified at 950mm from FFL
-Shutter to be provided with 4", 4 nos Hafele ball bearing butt hinges No. 926.83.310
-Shutter to be provided with 1 no Hafele Mortise lock case (No. 911.02.124)
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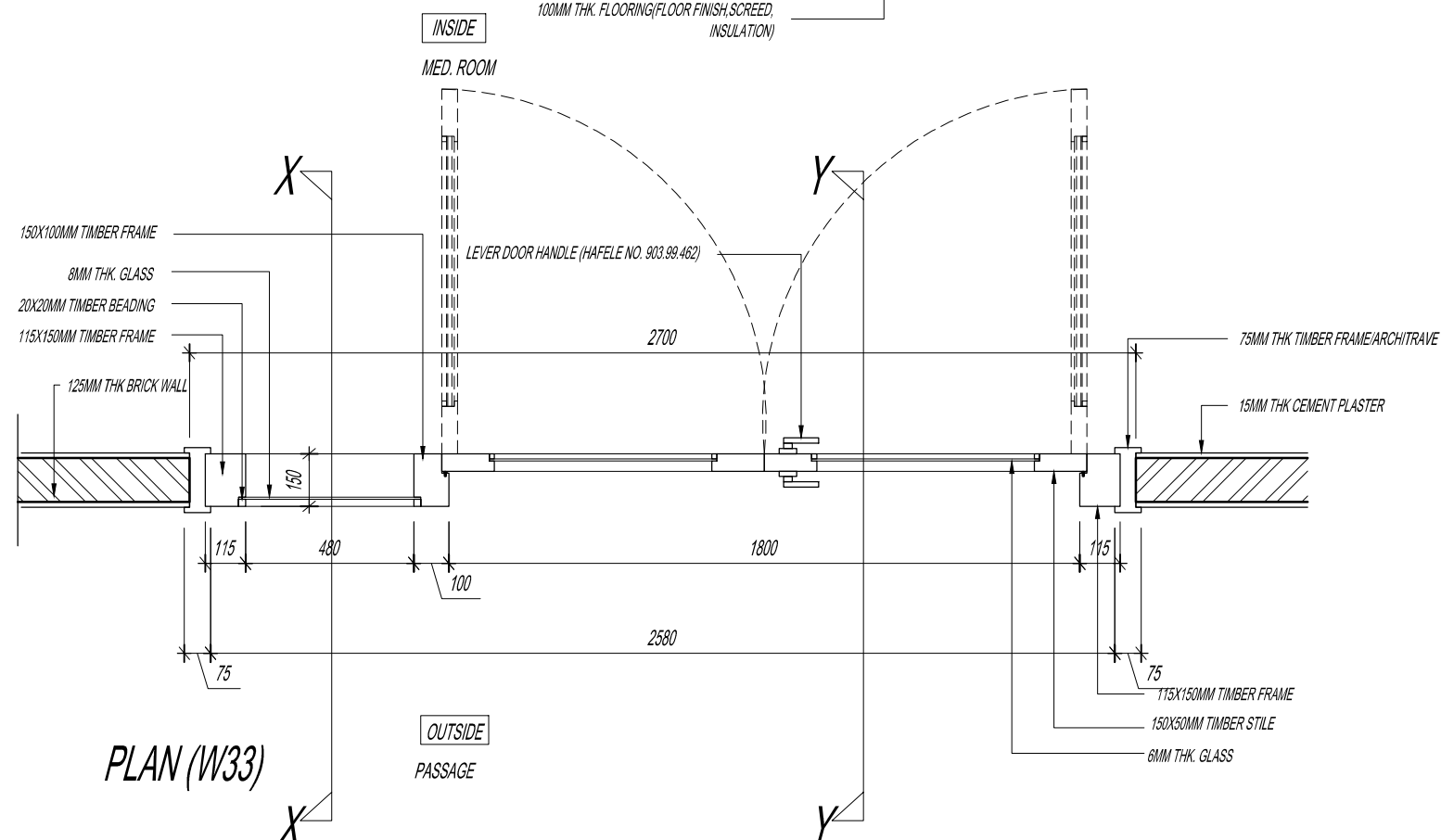
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[illegible]

	Project Title
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Drawing Title

LEAPP Project Code	12246
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- Shutter to be provided with Hafele dust proof strike for the lower flush bolt as specified
- Shutter to be provided with Hafele rubber seal brown (No. 950.09.522)
- Timber frames to be bolted on floor and slab as necessary/stability of the frame.
- All Hafele fittings should be in SS Matt finish.
- Gaps between (fixed shutter and frame, wall and timber frame, etc) should be sealed with silicon just before handing over the building to the client.
- Minor adjustment in the size of the window/door should be done at the site if the window/door lies between two RCC structures



ROYAL GOVERNMENT OF BHUTAN
DEPARTMENT OF AIR TRANSPORT

NOTE:
-ALL DIMENSIONS ARE IN MILLIMETERS UNLESS SPECIFIED OTHERWISE
-ALL RELATIVE LEVELS ARE IN METERS UNLESS SPECIFIED OTHERWISE
-ALL DIMENSIONS MEASURE UNFINISHED SURFACES UNLESS SPECIFIED OTH
-ALL DIMENSIONS ARE TO BE READ AND NOT SCALED OFF
-ANY DISCREPANCY IN DRAWING IS TO BE BROUGHT TO THE IMMEDIATE NO
THE CONSULTANTS/SUPERVISION TEAM
-MINOR ADJUSTMENTS NEED TO BE CARRIED OUT ON SITE TO MATCH WITH I
BUILDING

Legend

No.	Revision	Date

Client
Ministry of Information and Communications
Department of Air Transport
Aviation Planners & Engineers
Leading Edge Aviation Planning Professionals
Architect
Tullamore Group
Civil Engineering Consultant
Gyaltshen Consultancy

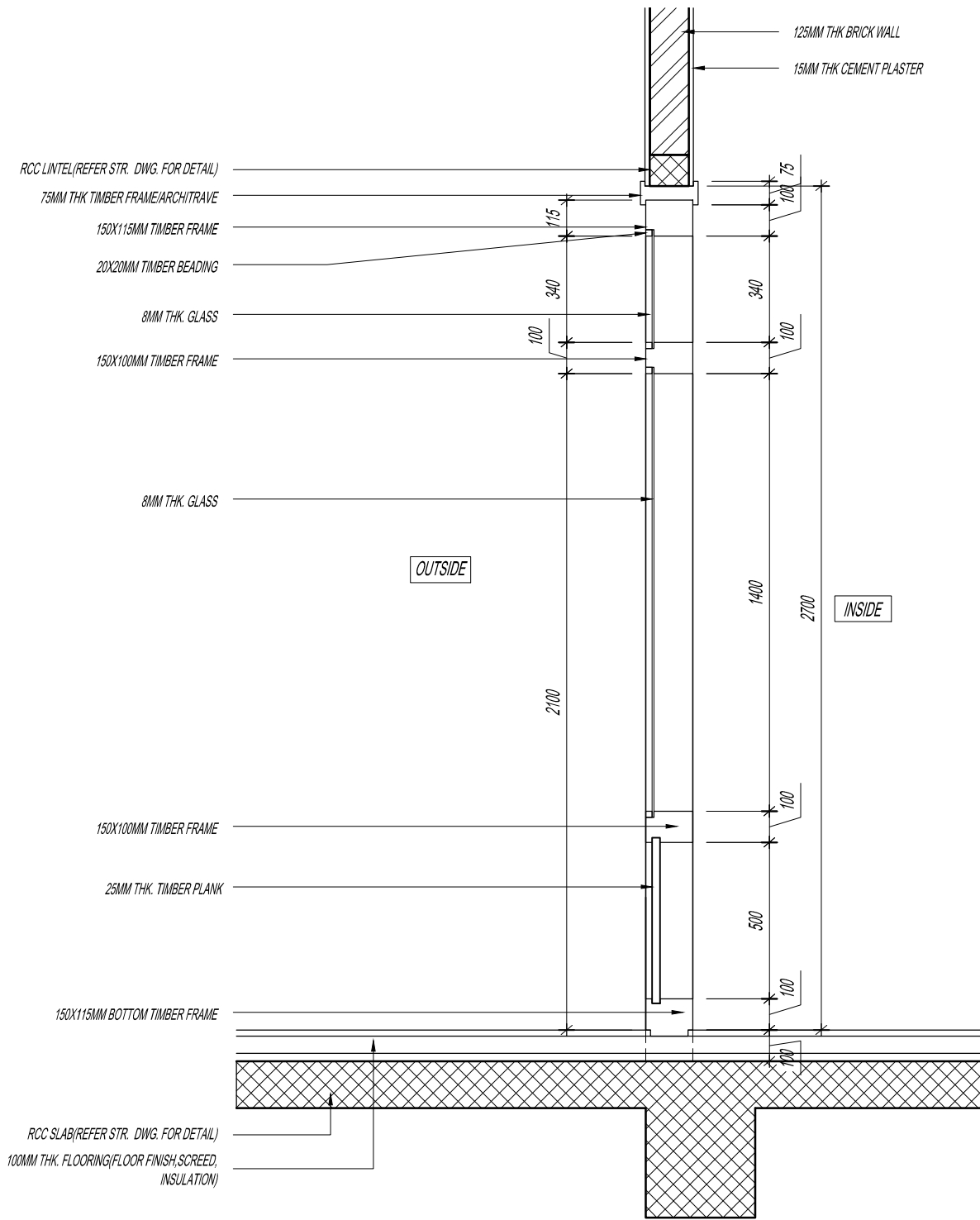
Project Title

BHUTAN DOMESTIC AIRPORT
DESIGN AND SUPERVISION
BUMTHANG AIRPORT
PASSENGER TERMINAL.

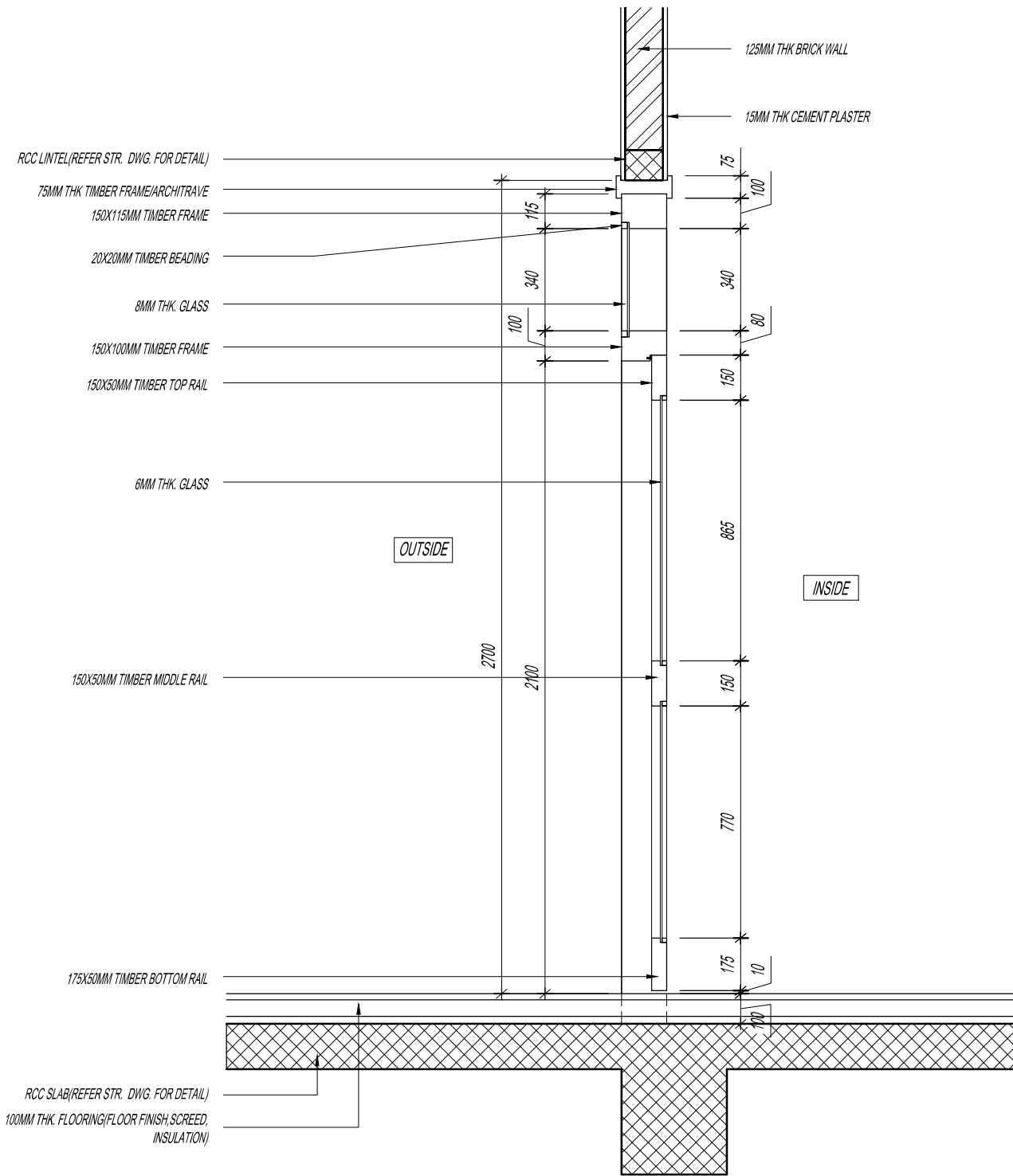
Drawing Title

WINDOW DETAIL W33

Scale	1:20 @ A3
Date	JAN 2017
Drawn By	TSHEWANG GYELTSHEN
Design By	DINESH
Drawing Number	12246 WD 01
LEAPP Project Code	12246



SECTION AT XX (W33)



SECTION AT YY (W33)

NOTE:
-Shutter to be provided with Hafele door handle as specified at 950mm from FFL
-Shutter to be provided with 4", 4 nos Hafele ball bearing butt hinges No. 926.83.310
-Shutter to be provided with 1 no Hafele Mortise lock case (No. 911.02.124)
-Shutter to be provided with 1 no Hafele Euro profile cylinder with key hole on both sides (No. 916.96.618)
-Shutter to be provided with 1 no Hafele concealed door closer (No. 931.84.439)
-Shutter to be provided with 2 nos Hafele flush bolt as specified
-Shutter to be provided with Hafele dust proof strike for the lower flush bolt as specified
-Shutter to be provided with Hafele rubber seal brown (No. 950.09.522)
-Timber frames to be bolted on floor and slab as necessary/stability of the frame.
-All Hafele fittings should be in SS Matt finish.
-Gaps between (fixed shutter and frame, wall and timber frame, etc) should be sealed with silicon just before handing over the building to the client.
-Minor adjustment in the size of the window/door should be done at the site if the window/door lies between two RCC structures



ROYAL GOVERNMENT OF BHUTAN
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-MINOR ADJUSTMENTS NEED TO BE CARRIED OUT ON SITE TO MATCH WITH THE ACTUAL BUILDING

Legend

No.	Revision	Date

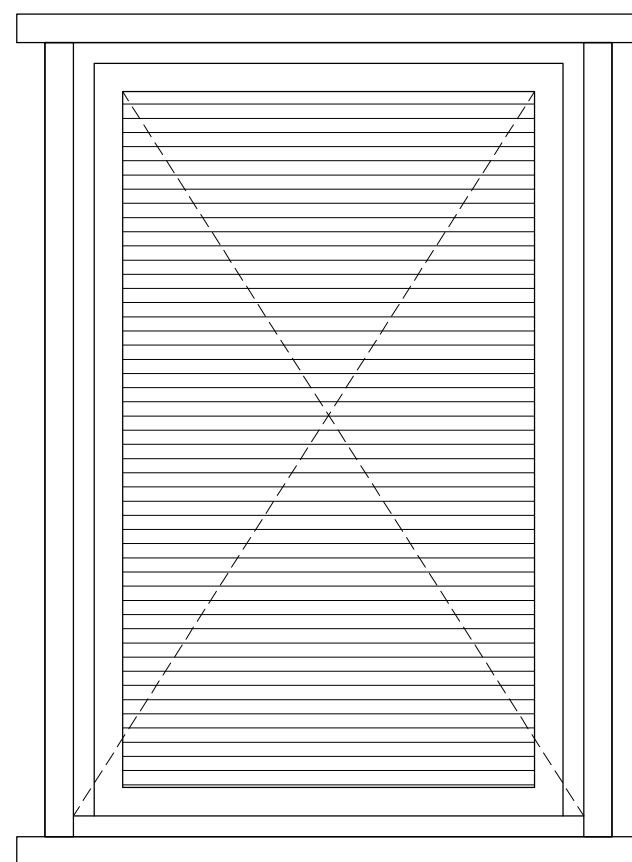
Client
Ministry of Information and Communications
Department of Air Transport
Aviation Planners & Engineers
Leading Edge Aviation Planning Professionals
Architect
Tullamore Group
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Project Title

BHUTAN DOMESTIC AIRPORT
DESIGN AND SUPERVISION
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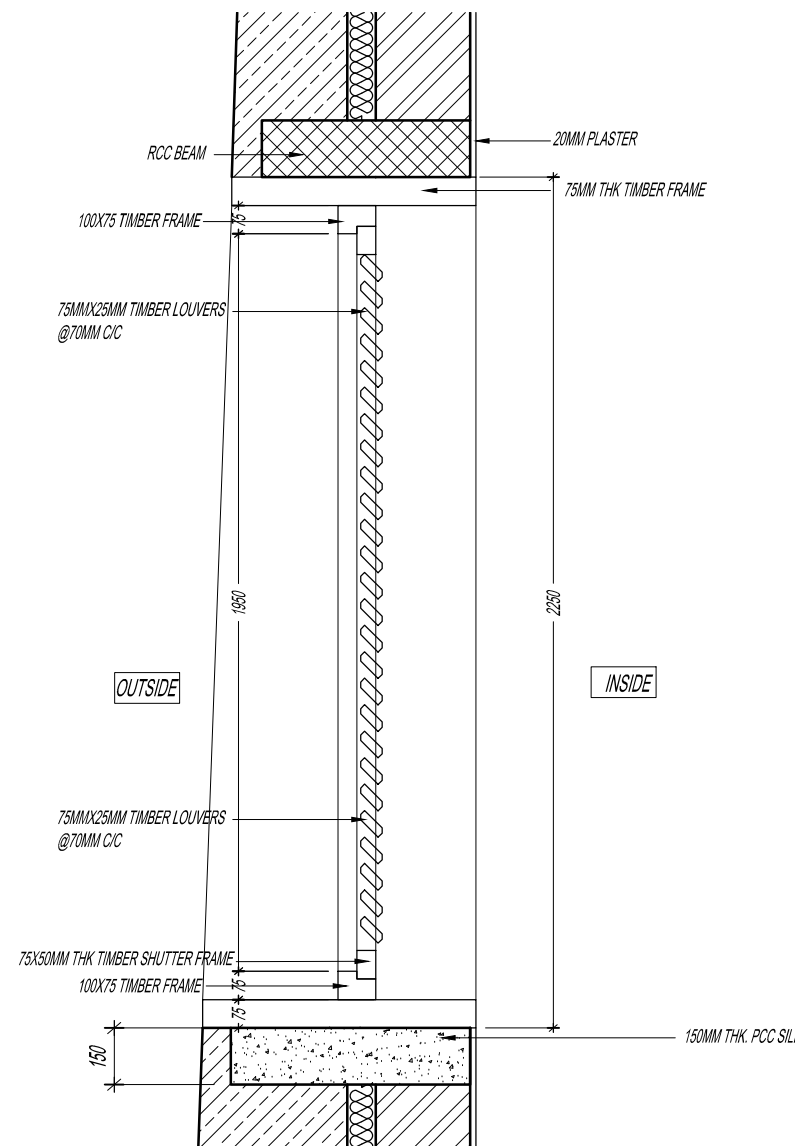
Drawing Title

LOUVER DETAIL L1

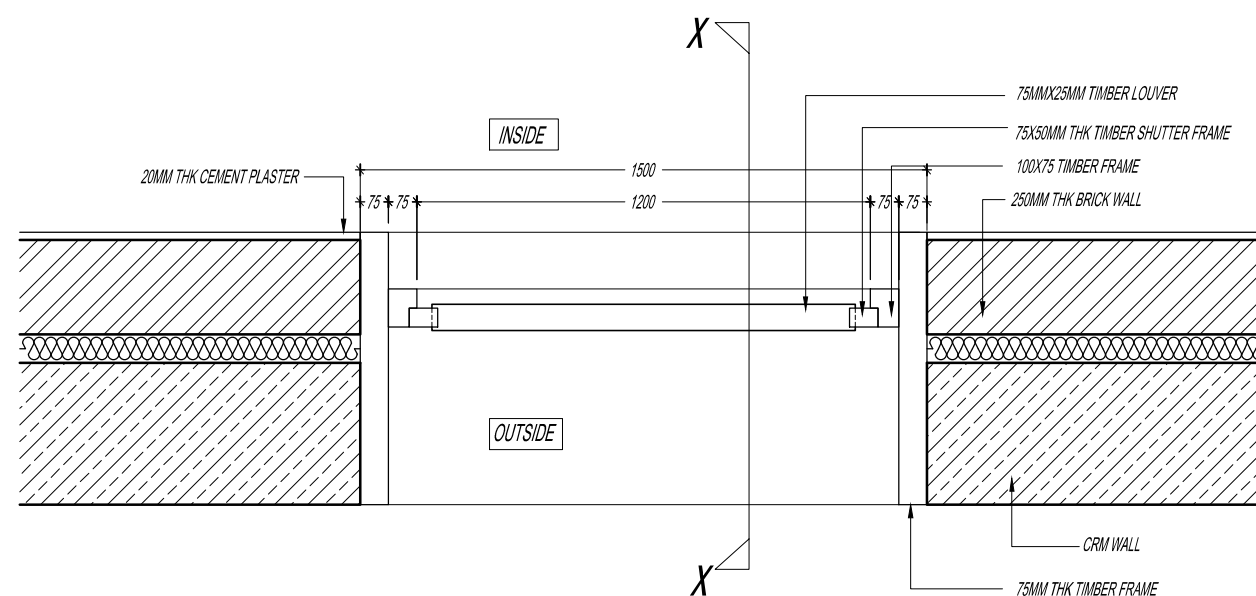
Scale	1:20 @ A3
Date	JAN 2017
Drawn By	TSHEWANG GYELTSHEN
Design By	DINESH
Drawing Number	12246 WD 01
LEAPP Project Code	12246



ELEVATION (L1)



SECTION AT XX (L1)



PLAN (L1)

NOTE:
-Shutter to be provided with 2 nos 150mm Hafele tower bolt as specified at top and bottom.
-Shutter to be provided with Hafele handle as specified at mid level
-Shutter to be provided with 3 nos 75mm Hafele butt hinges as specified.
-Each frame to be provided with 4 nos. 150mm hold fast.
-Gaps between (fixed shutter and frame, wall and timber frame, etc) should be sealed with silicon just before handing over the building to the client.