

LOWER LEVEL ROOF TRUSS LAYOUT PLAN  
SCALE 1:200



ROYAL GOVERNMENT OF BHUTAN  
DEPARTMENT OF CIVIL AVIATION

Notes

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7. Verify dimensioning, take real measurements.
8. All construction changes on the site to be agreed with the Client/Supervising Engineer.

Client

Ministry of Information and Communications  
Department of Air Transport

Aviation Planners & Engineers

Leading Edge Aviation Planning Professionals

Civil Engineering Consultant

Gyaltshen Consultancy

Project Title

BHUTAN DOMESTIC AIRPORT DESIGN & SUPERVISION  
GELEPHU AIRPORT SECURITY QUATERS

No. Revision

Date By


Drawing Title

Lower Level Roof Truss Layout Plan

Scale 1 : 200 @ A3

Date December 2016

Drawn By ST & PD

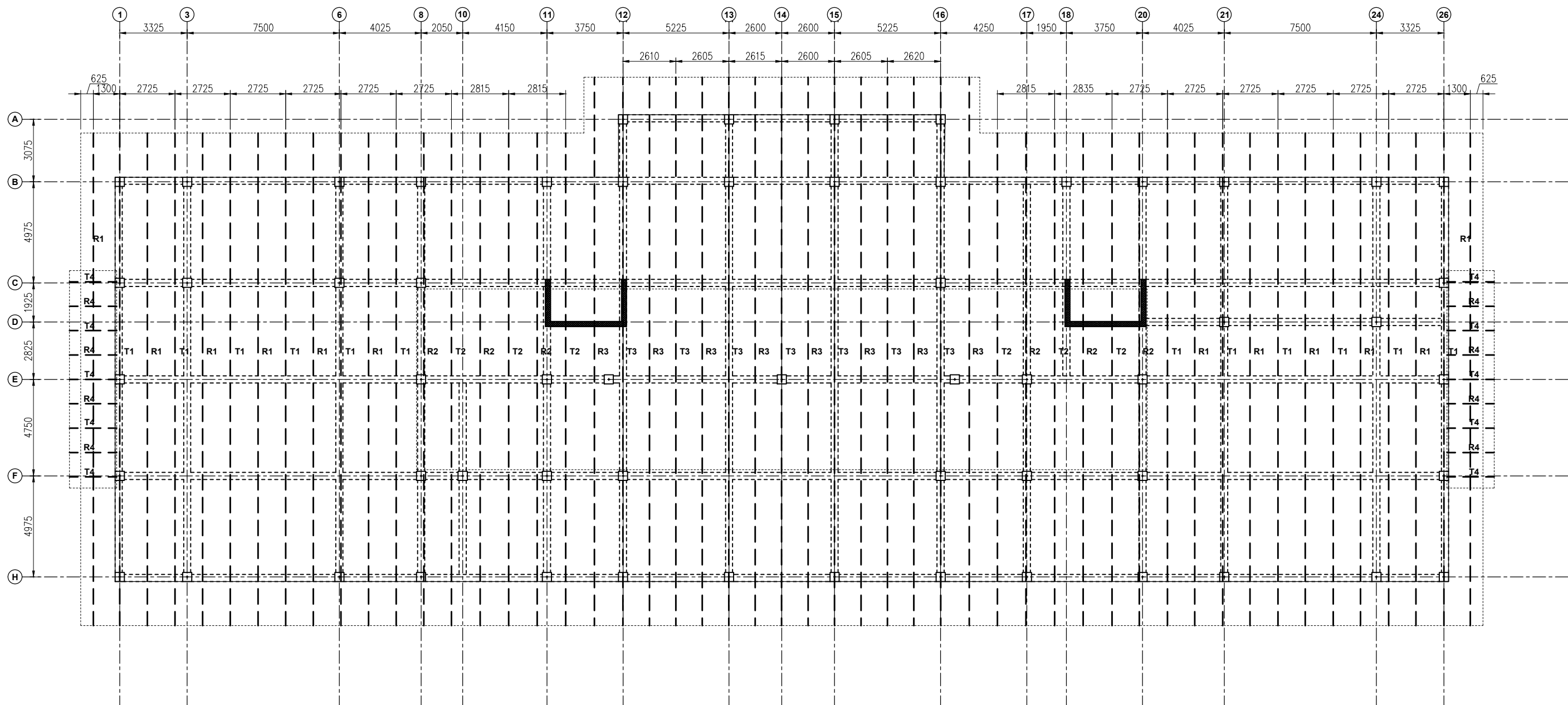
Drawing Number

STR - 800

LEAPP Project Code  
12246

Rev No.

R0



MAIN ROOF TRUSS LAYOUT PLAN  
SCALE 1:200



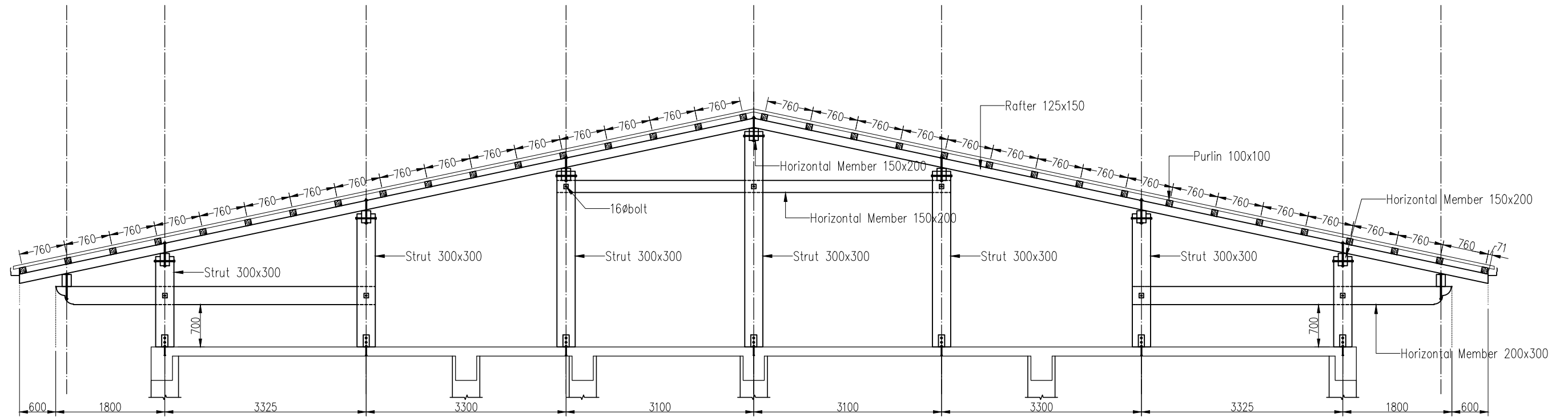
ROYAL GOVERNMENT OF BHUTAN  
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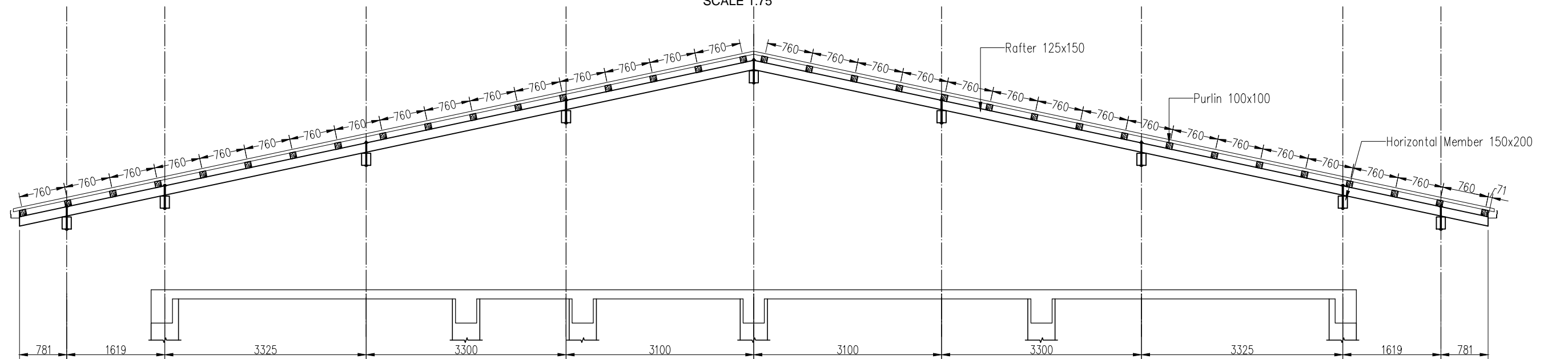
Client  
Ministry of Information and Communications  
Department of Air Transport  
Aviation Planners & Engineers  
Leading Edge Aviation Planning Professionals  
Civil Engineering Consultant  
Gyaltshen Consultancy  
Project Title  
BHUTAN DOMESTIC AIRPORT DESIGN & SUPERVISION  
GELEPHU AIRPORT SECURITY QUATERS

No.	Revision	Date	By

Drawing Title  
Main Roof Truss Layout Plan  
Scale 1 : 200 @ A3  
Date December 2016  
Drawn By ST & PD  
Drawing Number STR - 800  
LEAPP Project Code 12246  
Rev No. R0



**TRUSS T1**  
SCALE 1:75



**TRUSS R1**  
SCALE 1:75



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**No. / Revision**

**Date**

**By**


**Drawing Title**

Truss R1 & T1 details

Scale 1 : 200 @ A3

Date December 2016

Drawn By ST & PD

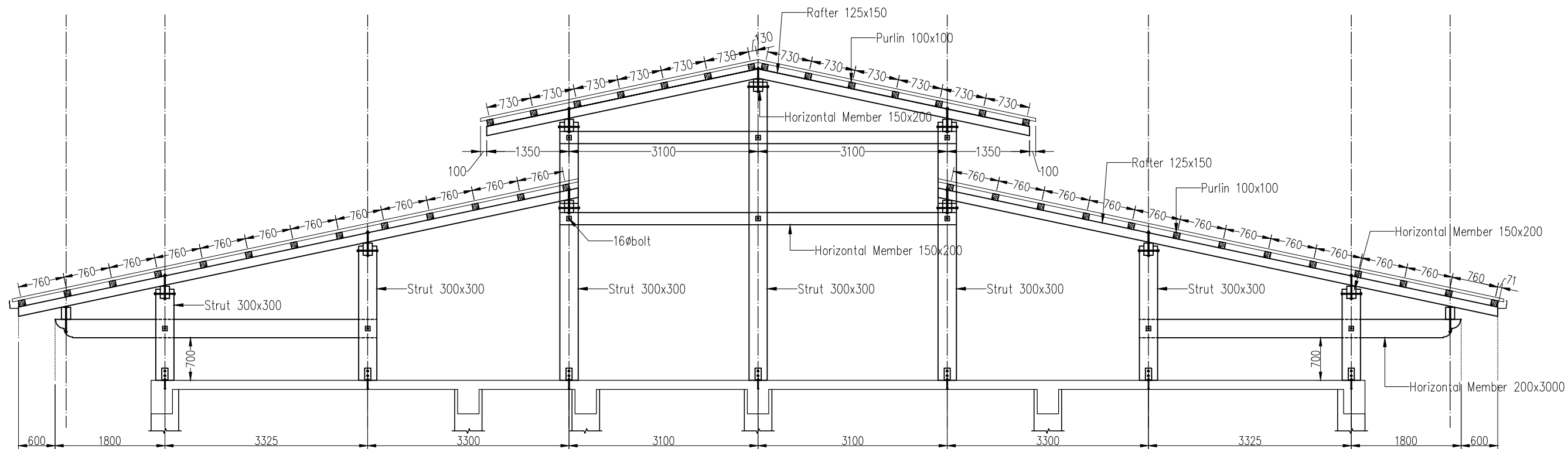
Drawing Number

**STR - 800**

LEAPP Project Code  
12246

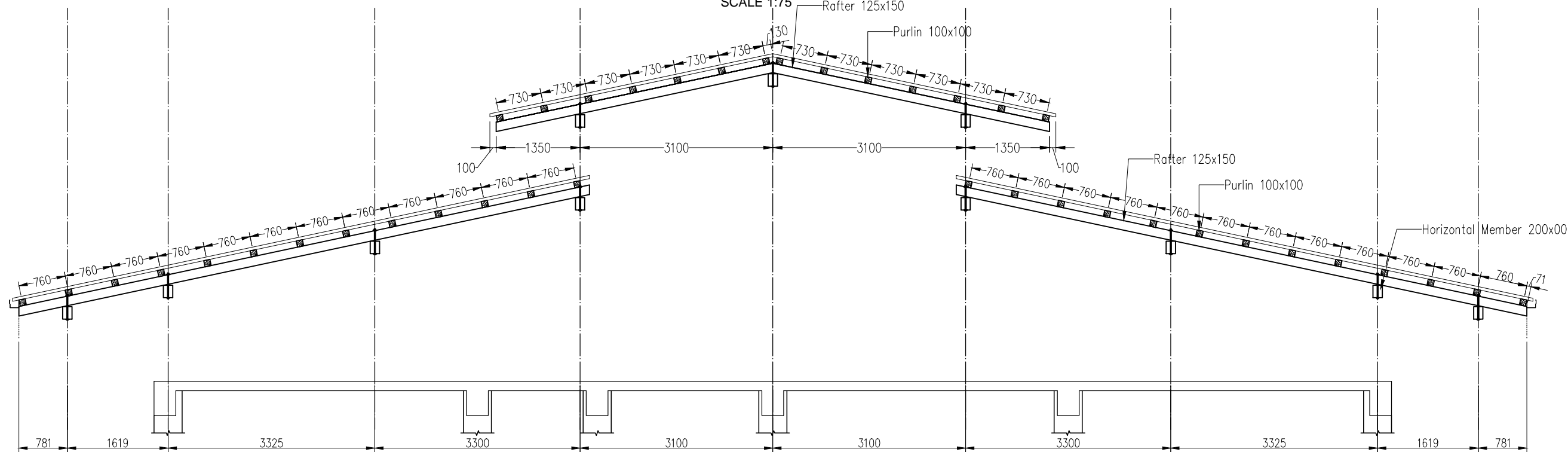
**Rev No.**

R0



**TRUSS T2**

SCALE 1:75



**TRUSS R2**

SCALE 1:75



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**No. Revision**

**Date By**


**Drawing Title**

Truss R2 & T2 details

Scale 1 : 200 @ A3

Date December 2016

Drawn By ST & PD

Drawing Number

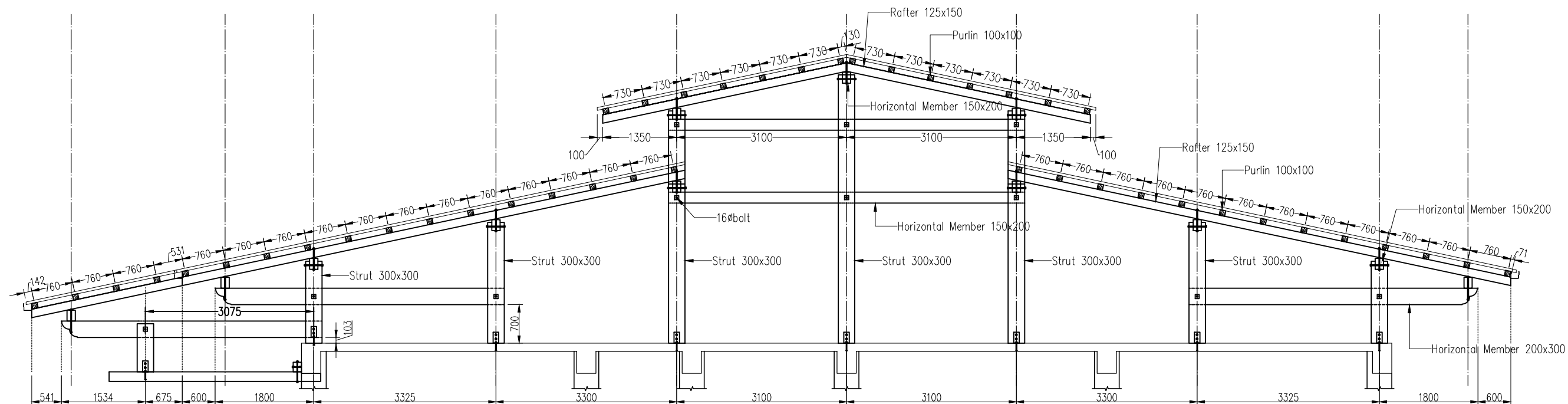
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LEAPP Project Code

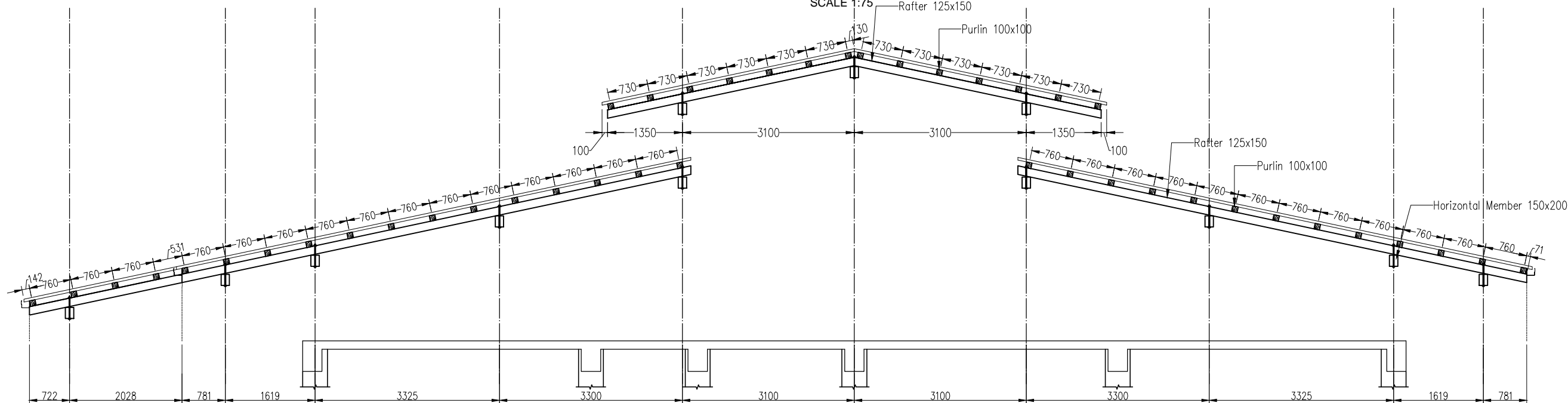
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**TRUSS T3**  
SCALE 1:75



**TRUSS R3**  
SCALE 1:75



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**No./Revision**

**Date By**


**Drawing Title**

Truss R3 & T3 details

Scale 1 : 200 @ A3

Date December 2016

Drawn By ST & PD

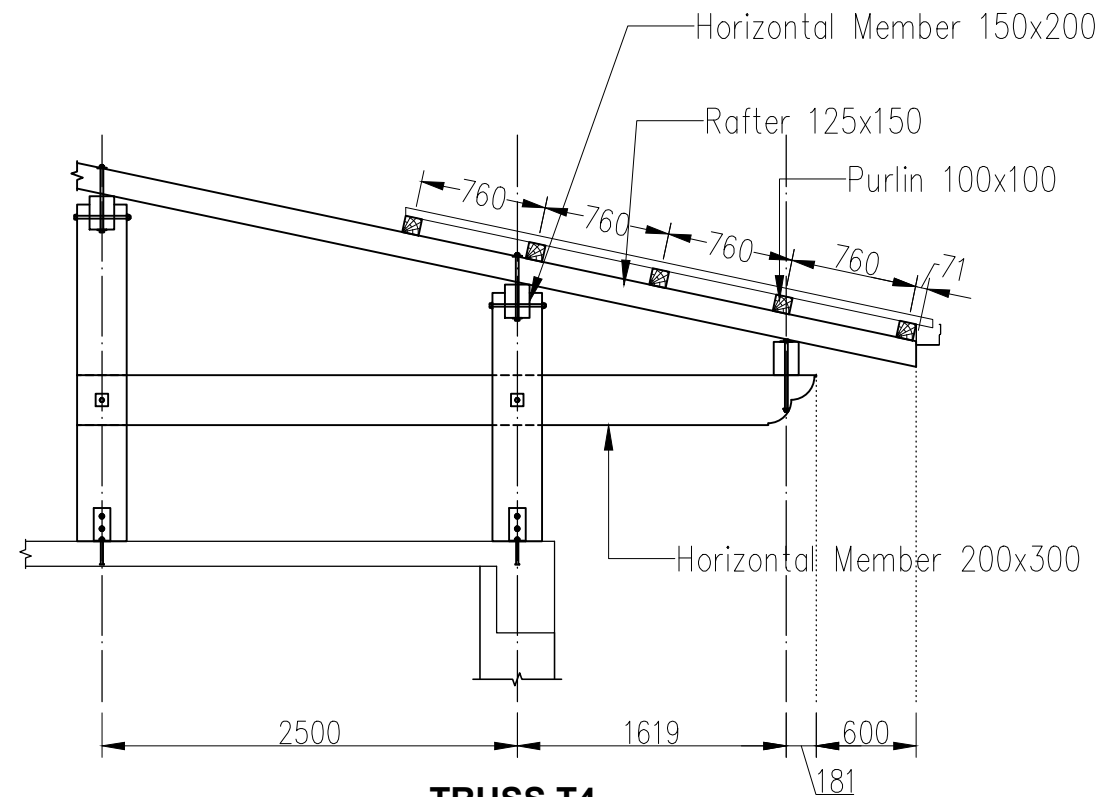
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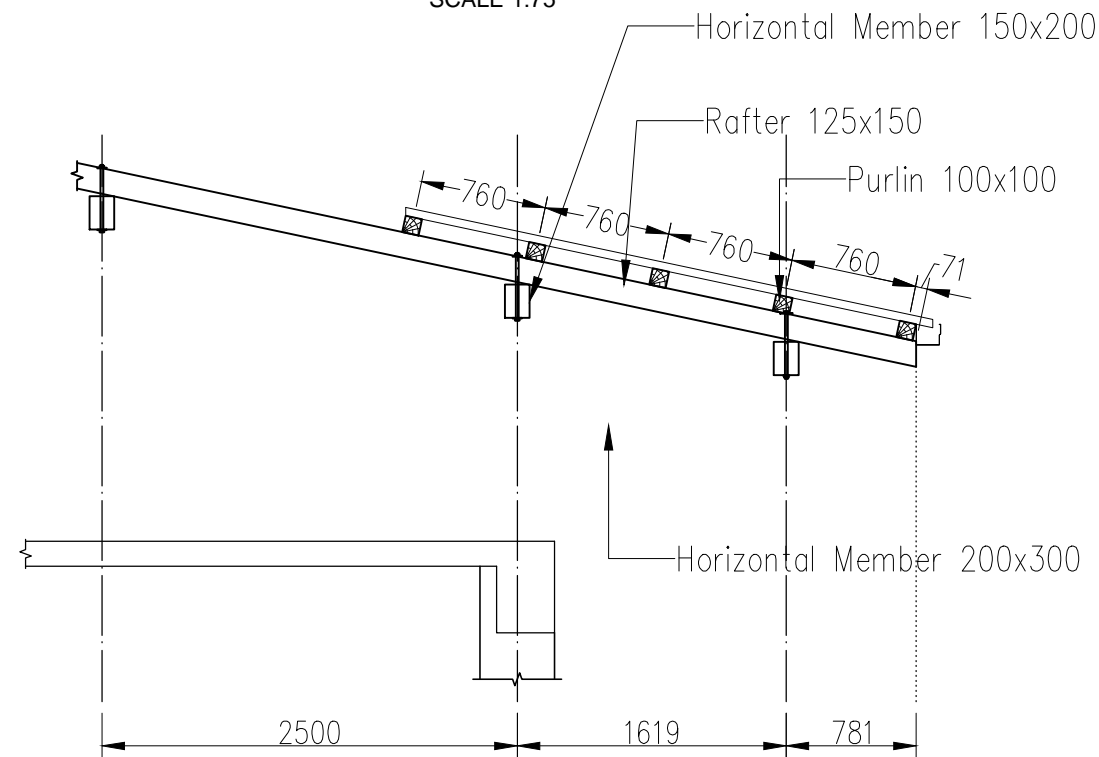
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**TRUSS T4**  
SCALE 1:75



**TRUSS R4**  
SCALE 1:75



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GELEPHU AIRPORT SECURITY QUATERS

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**By**


**Drawing Title**

Truss R4 & T4 details

Scale 1 : 200 @ A3

Date December 2016

Drawn By ST & PD

Drawing Number

STR - 800

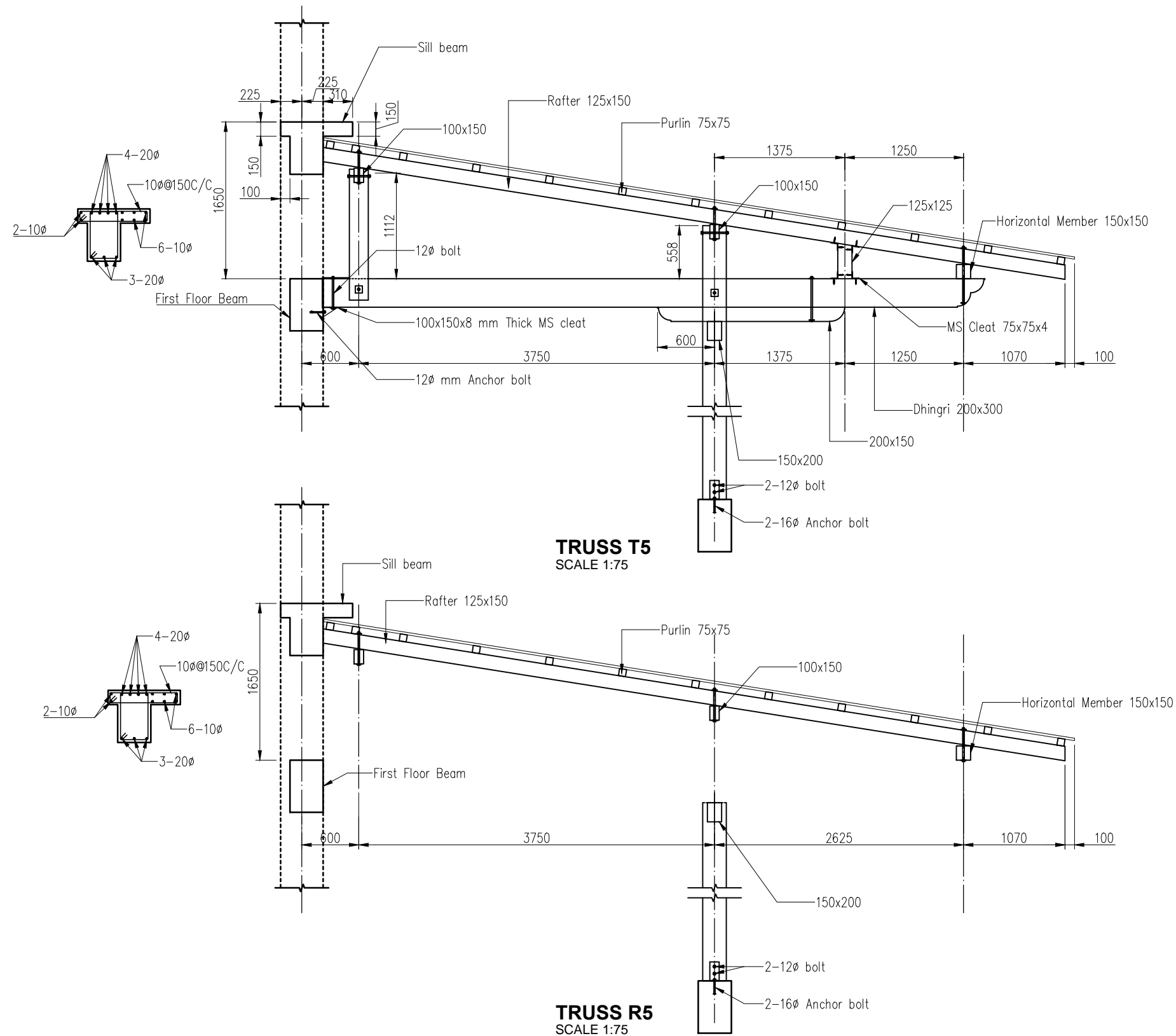
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BHUTAN DOMESTIC AIRPORT DESIGN & SUPERVISION  
GELEPHU AIRPORT SECURITY QUATERS

#### No. Revision

#### Date By


#### Drawing Title

Truss R5 & T5 details

Scale 1 : 200 @ A3

Date December 2016

Drawn By ST & PD

Drawing Number

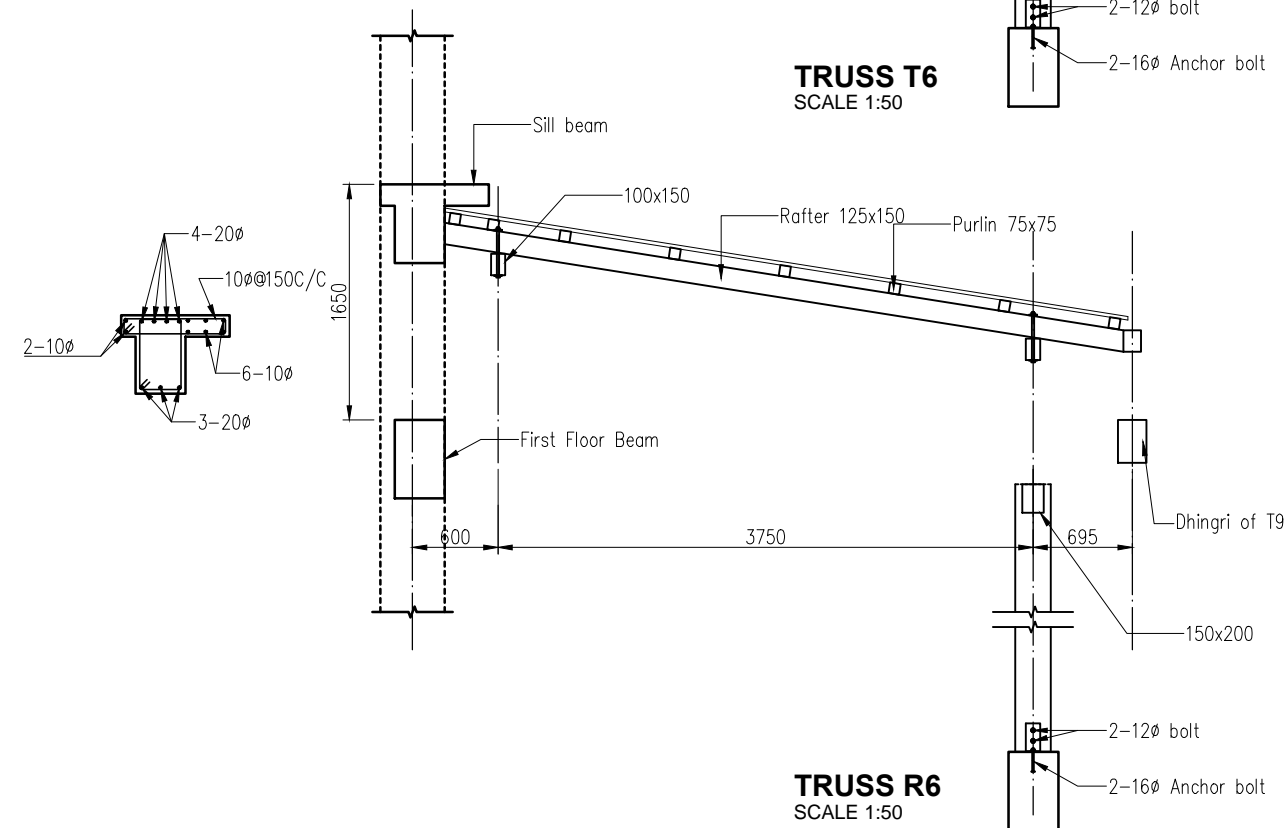
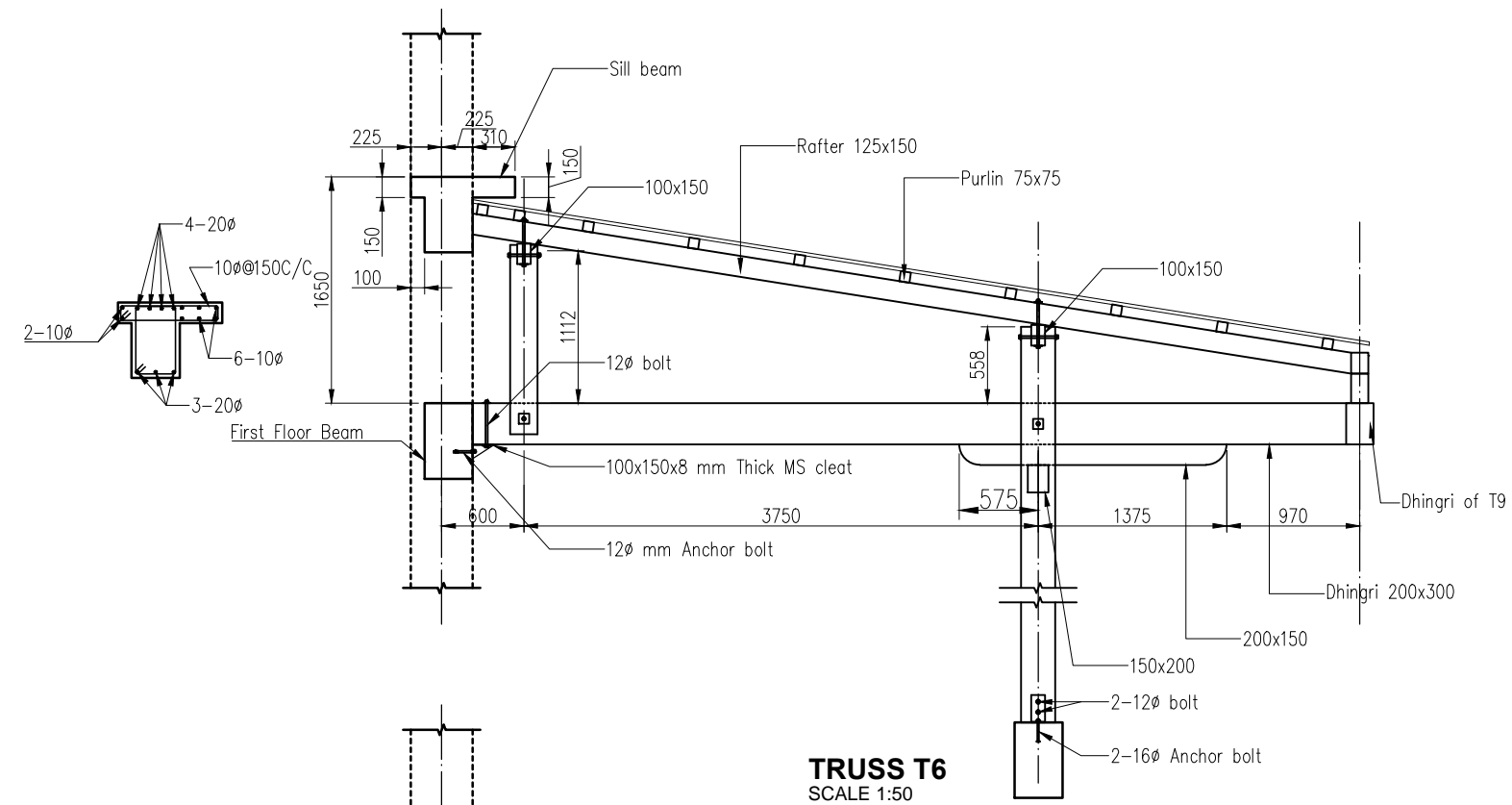
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LEAPP Project Code

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Rev No.

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BHUTAN DOMESTIC AIRPORT DESIGN & SUPERVISION  
GELEPHU AIRPORT SECURITY QUATERS

#### No. Revision

#### Date By


#### Drawing Title

Truss R6 & T6 details

Scale 1 : 200 @ A3

Date December 2016

Drawn By ST & PD

Drawing Number

STR - 800

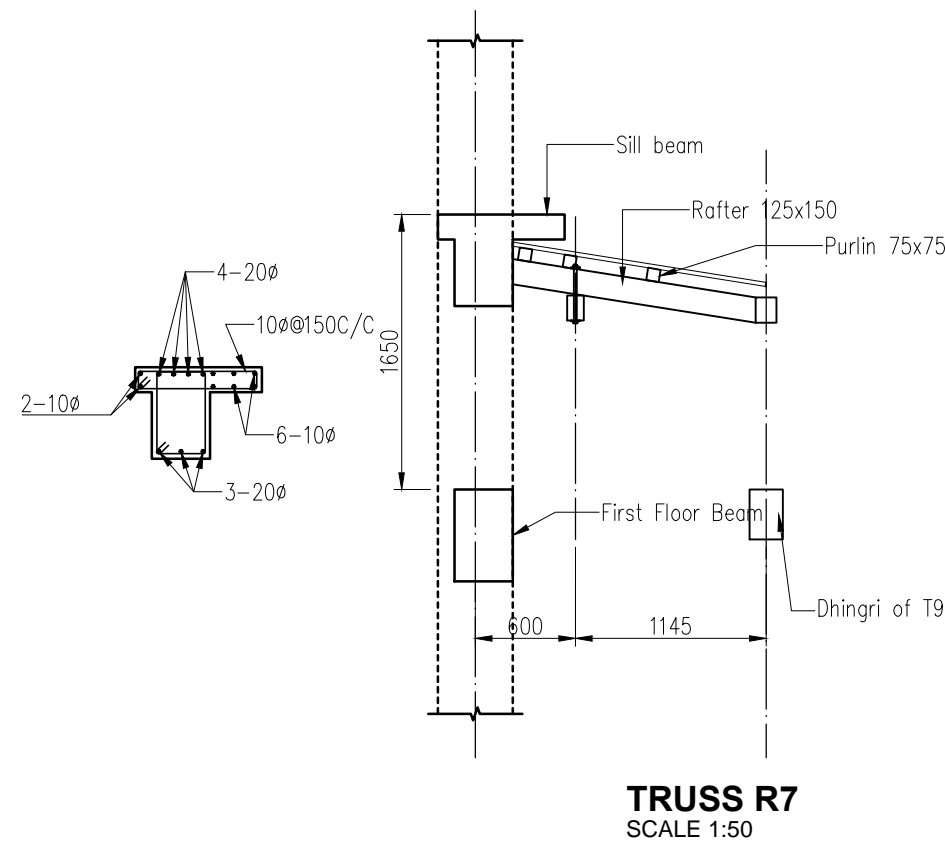
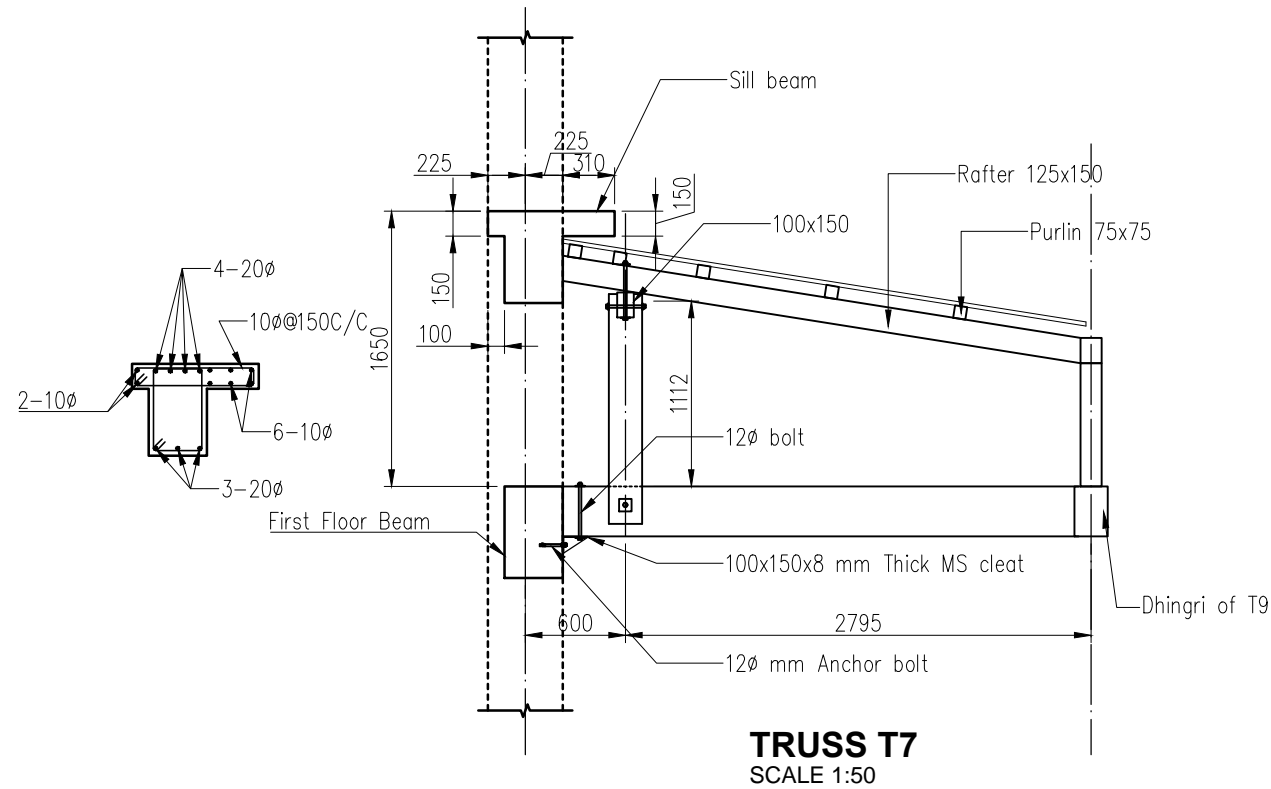
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BHUTAN DOMESTIC AIRPORT DESIGN & SUPERVISION  
GELEPHU AIRPORT SECURITY QUATERS

#### No. Revision

#### Date By


#### Drawing Title

Truss R7 & T7 details

Scale 1 : 200 @ A3

Date December 2016

Drawn By ST & PD

Drawing Number

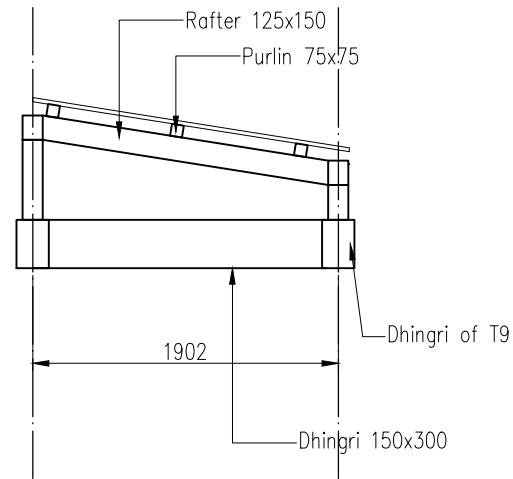
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LEAPP Project Code

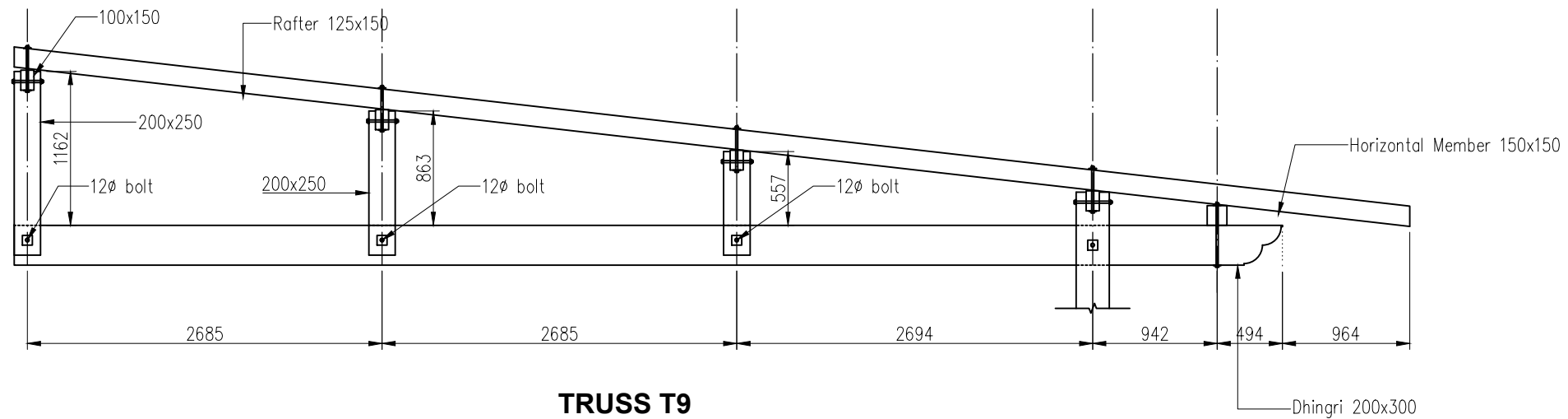
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Rev No.

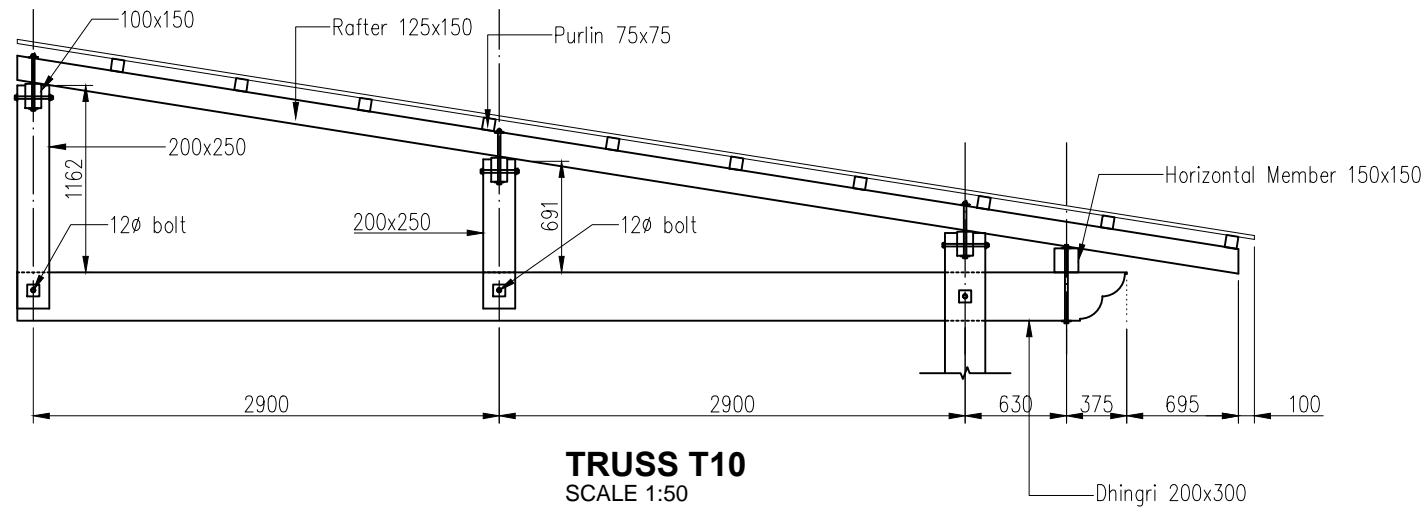
R0



**TRUSS T8**  
SCALE 1:50



**TRUSS T9**  
SCALE 1:50



**TRUSS T10**  
SCALE 1:50



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BHUTAN DOMESTIC AIRPORT DESIGN & SUPERVISION  
GELEPHU AIRPORT SECURITY QUATERS

**No. Revision**

**Date**

**By**


**Drawing Title**

Truss T8, T9 & T10 details

Scale 1 : 200 @ A3

Date December 2016

Drawn By ST & PD

Drawing Number

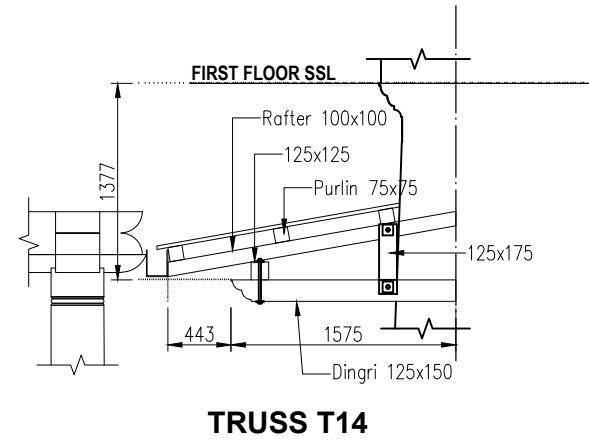
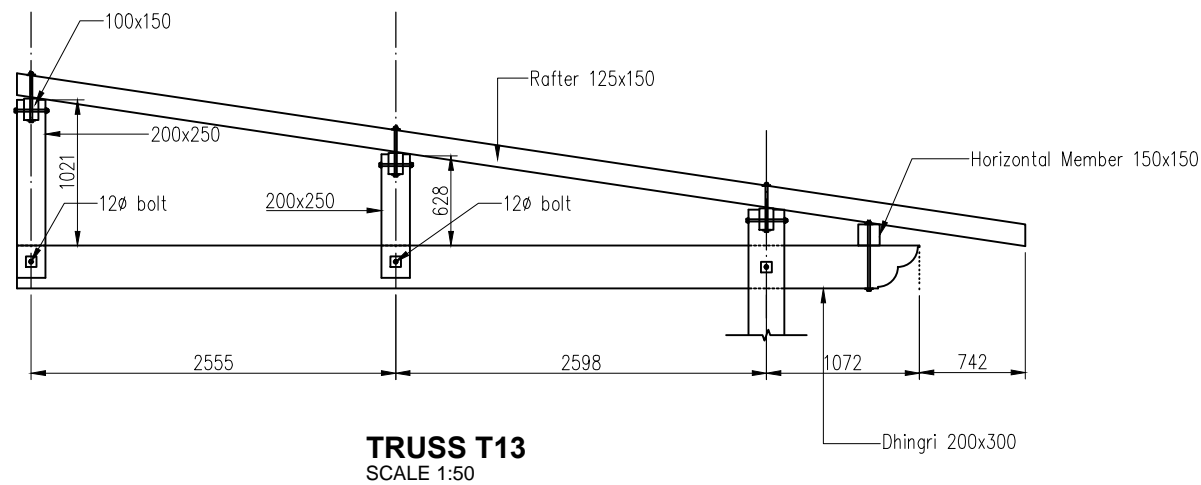
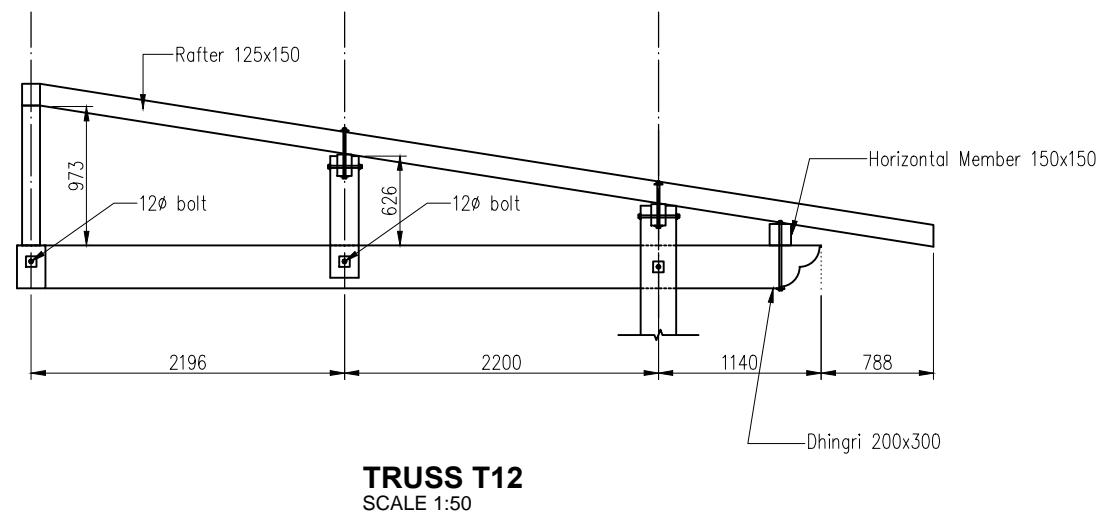
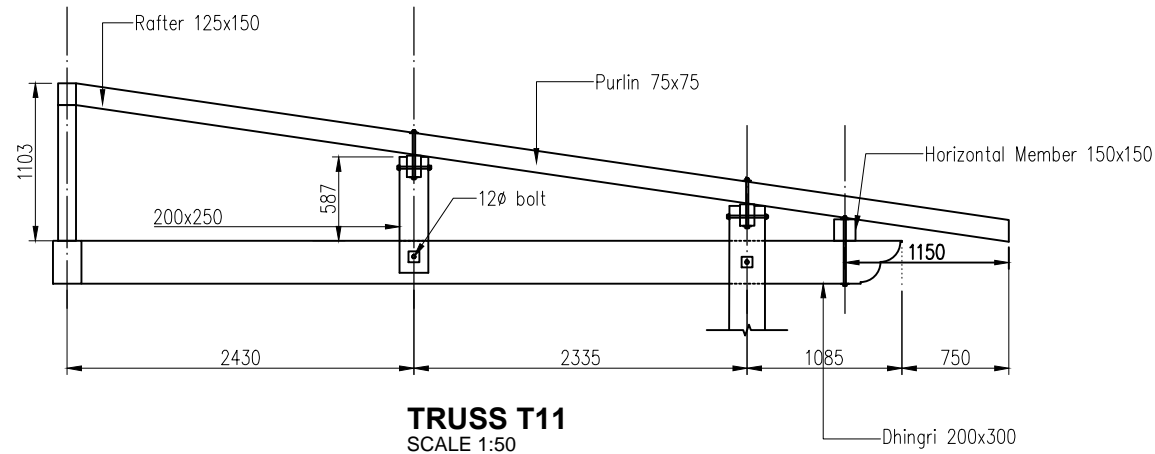
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BHUTAN DOMESTIC AIRPORT DESIGN & SUPERVISION  
GELEPHU AIRPORT SECURITY QUATERS

#### No. Revision

1

2

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8

#### Date

1

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#### By

1

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#### Drawing Title

Truss T11, T12, T13 & T14 details

Scale 1 : 200 @ A3

Date December 2016

Drawn By ST & PD

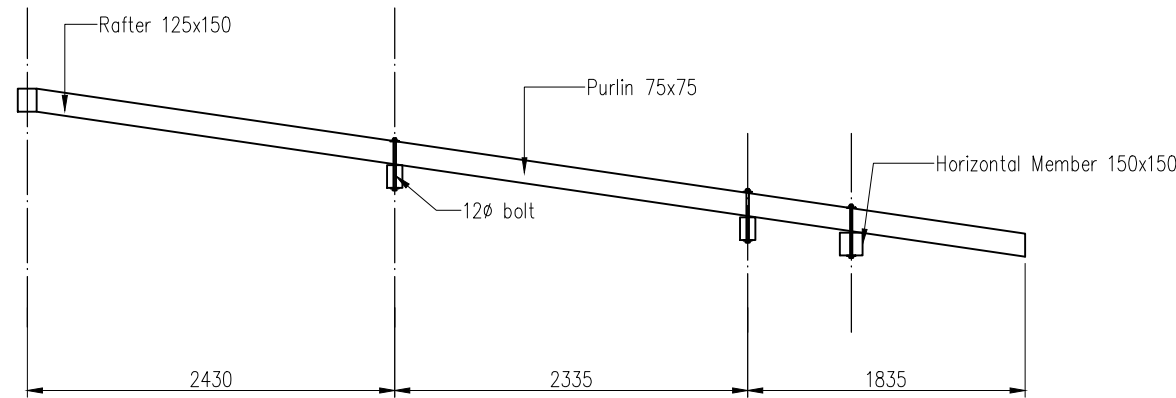
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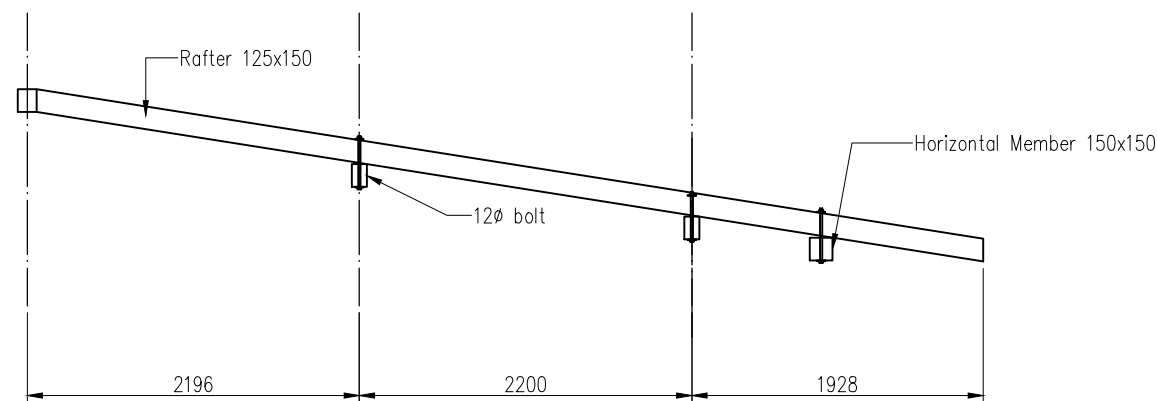
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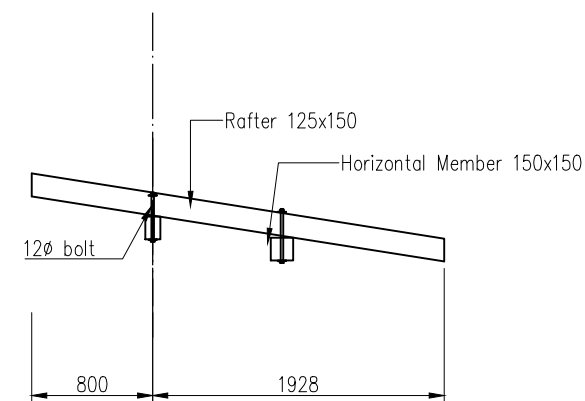
R0



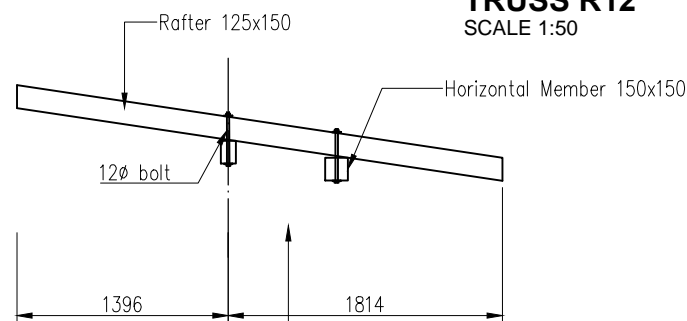
**TRUSS R11**  
SCALE 1:50



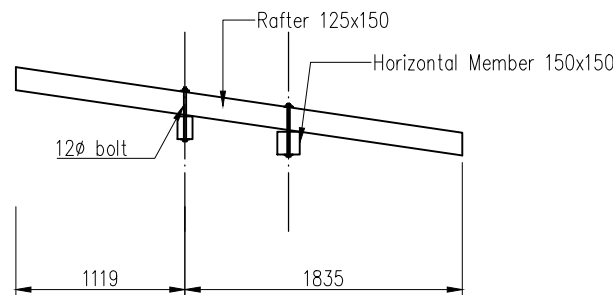
**TRUSS R12**  
SCALE 1:50



**TRUSS R15**  
SCALE 1:50



**TRUSS R13**  
SCALE 1:50



**TRUSS R14**  
SCALE 1:50



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**Drawing Title**

Truss R11, R12, R13, R14 & R15 details

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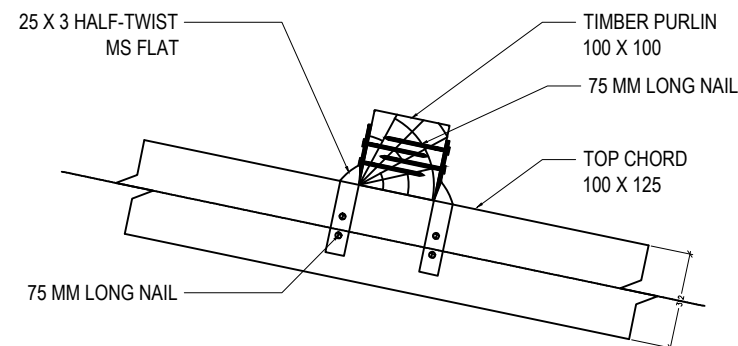
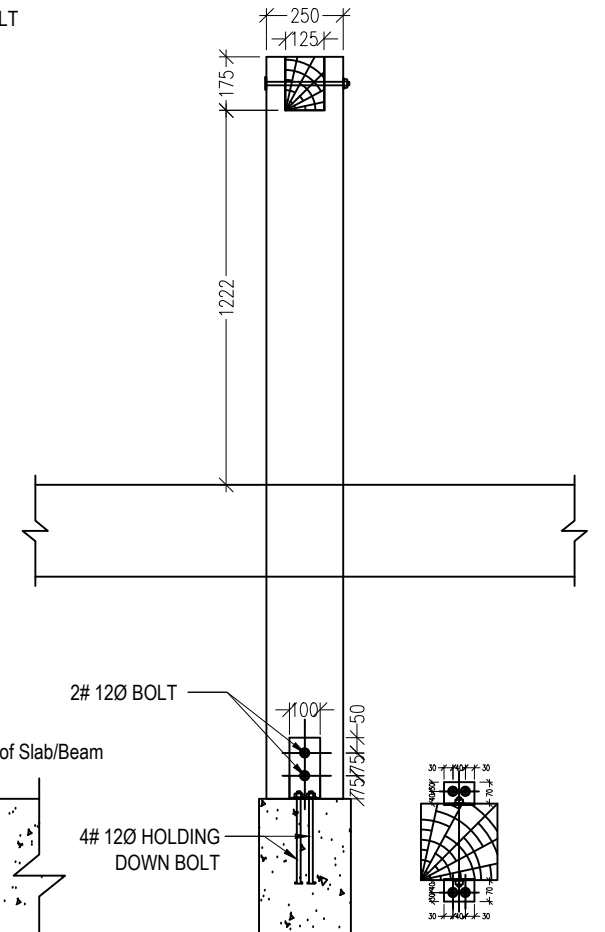
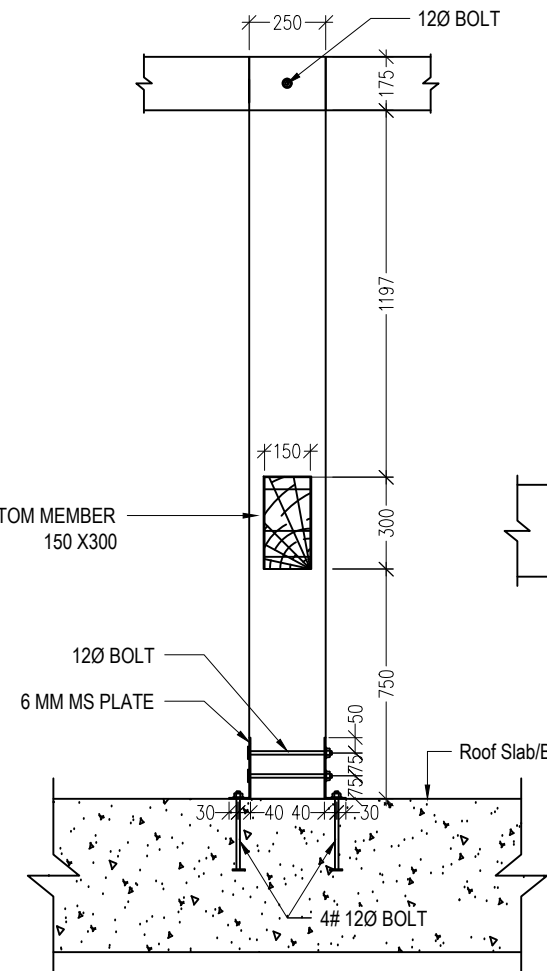
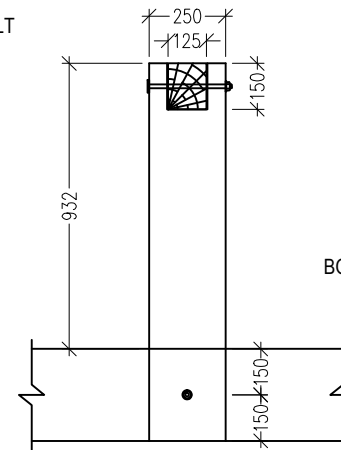
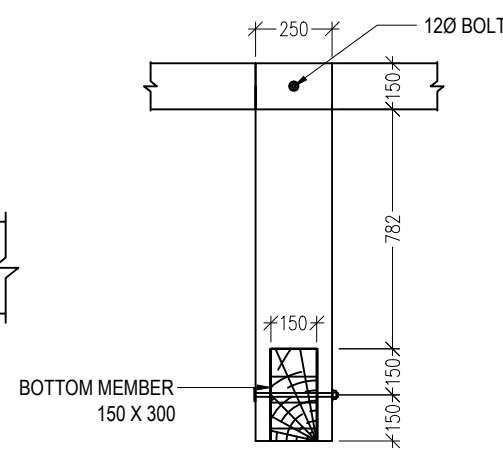
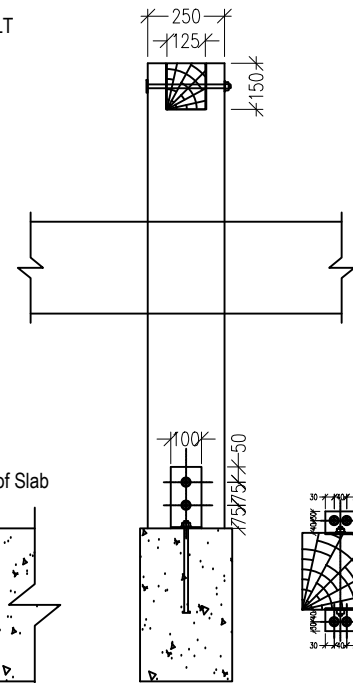
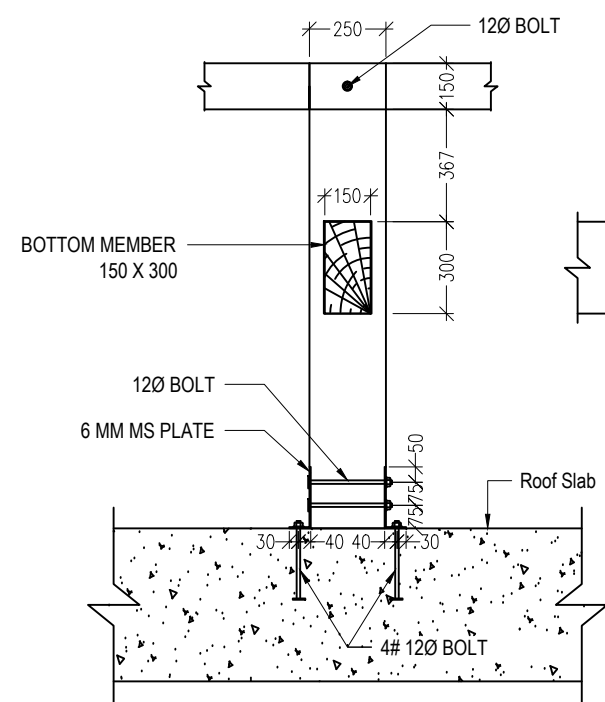
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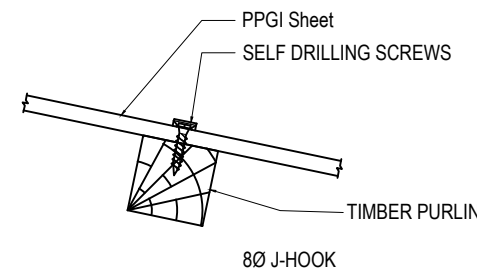
12246

Rev No.

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PURLIN HOLDING DOWN DETAILS



FIXING OF CGI SHEET TO PURLIN

NOTE:

- 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) Fabrication of truss must be done at site.
- 6) Welding shall confirm to IS 816-1989 and thickness shall be 6mm.
- 7) All Steel Tube Sections and Plates shall confirm to IS 1161-1968 & IS 2062-1984.
- 8) All MS Nuts & Bolts shall confirm to IS 1363-1984 and Washers shall confirm to IS 5374-1975.



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Purlin holddown & CGI sheet fixing details

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