



Government of Nepal
Ministry of Education, Science and Technology
Center For Education And Human Resources Development
Sanothimi, Bhaktapur

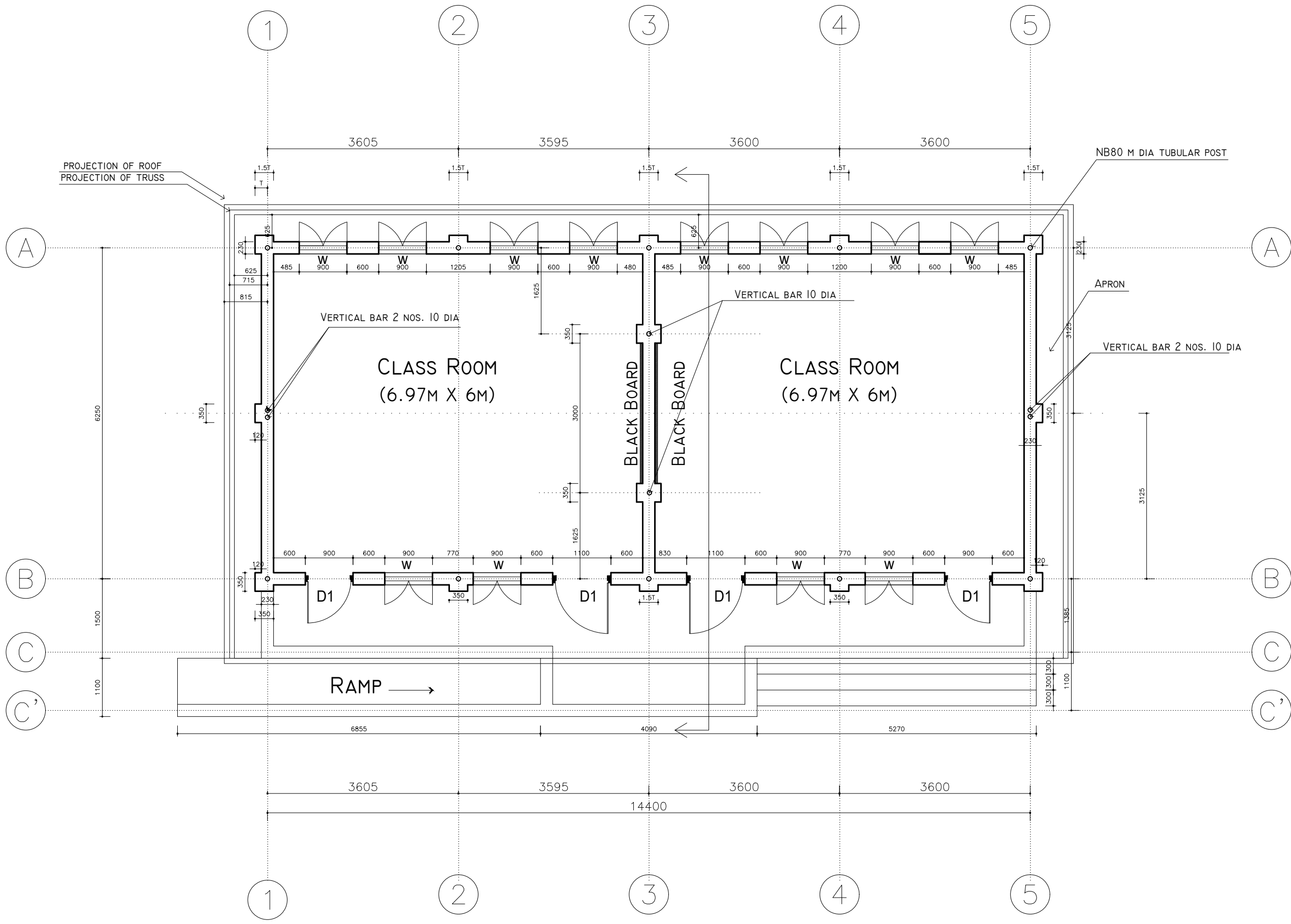
1 STOREY-2 ROOM-STEEL STRUCTURE WITH STEEL ROOF FRAME
STRUCTURAL ANALYSIS AS PER REVISED CODE-NBC

DRAWING LIST

- A1-GROUND FLOOR PLAN
- A2-ELEVATION
- A3-ELEVATION
- A4-SECTION
- A5- SECTION
- A6-TRENCH PLAN
- A7-FOUNDATION DETAILS
- A8-WALL DETAILS
- A9-BAND DETAILS
- A10- STRUCTURAL PLAN OF TRUSS
- A11-DETAIL SECTION OF TRUSS
- A12-DETAIL SECTION OF TRUSS
- A13-DETAIL OF TRUSS
- A14-DETAIL OF TRUSS
- A15- CEILING PLAN &DETAIL
- A16- TRUSS DETAILS
- A17-WINDOWS/DOORS
- A18-WINDOWS /DOORS
- A19- PARTITION WALL

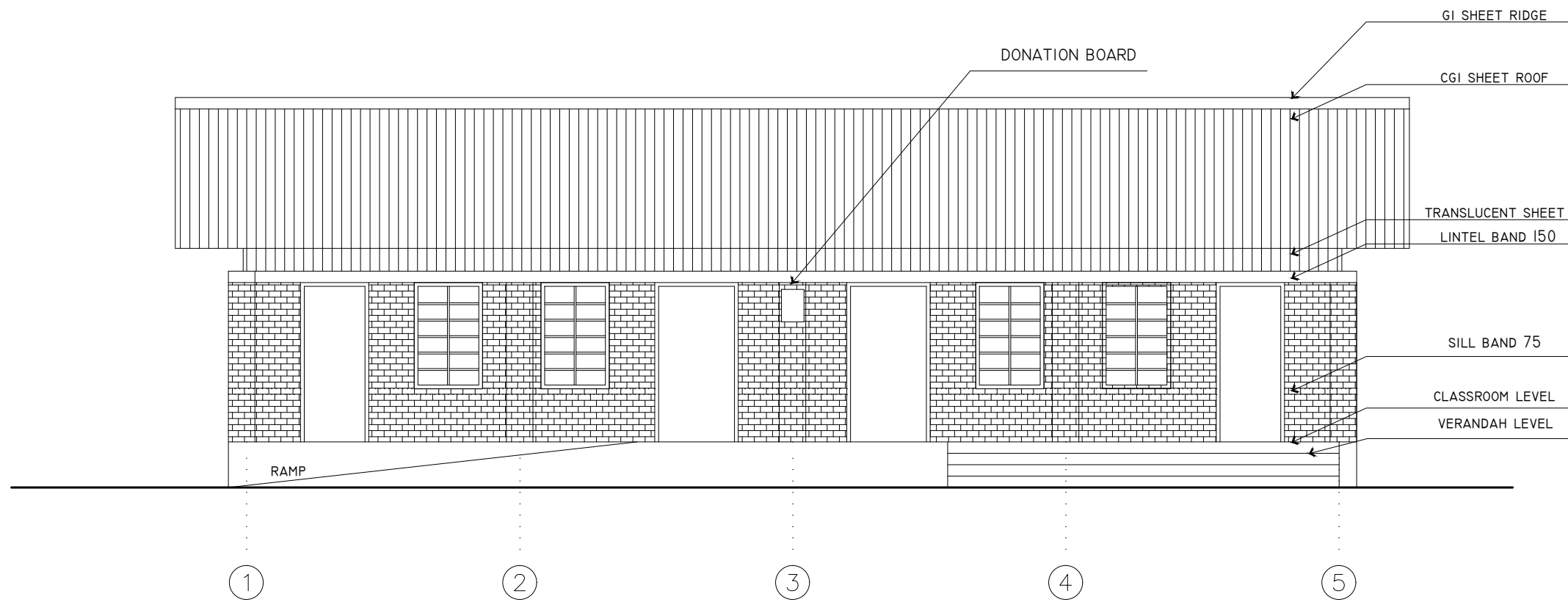
DATE -2022-04-03

NOTE:-
 1. ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED, DRAWINGS SHALL NOT BE MEASURED.
 2. ANY DESCRIPIENCY IF FOUND SHALL BE REPORTED TO THE SITE ENGINEER.

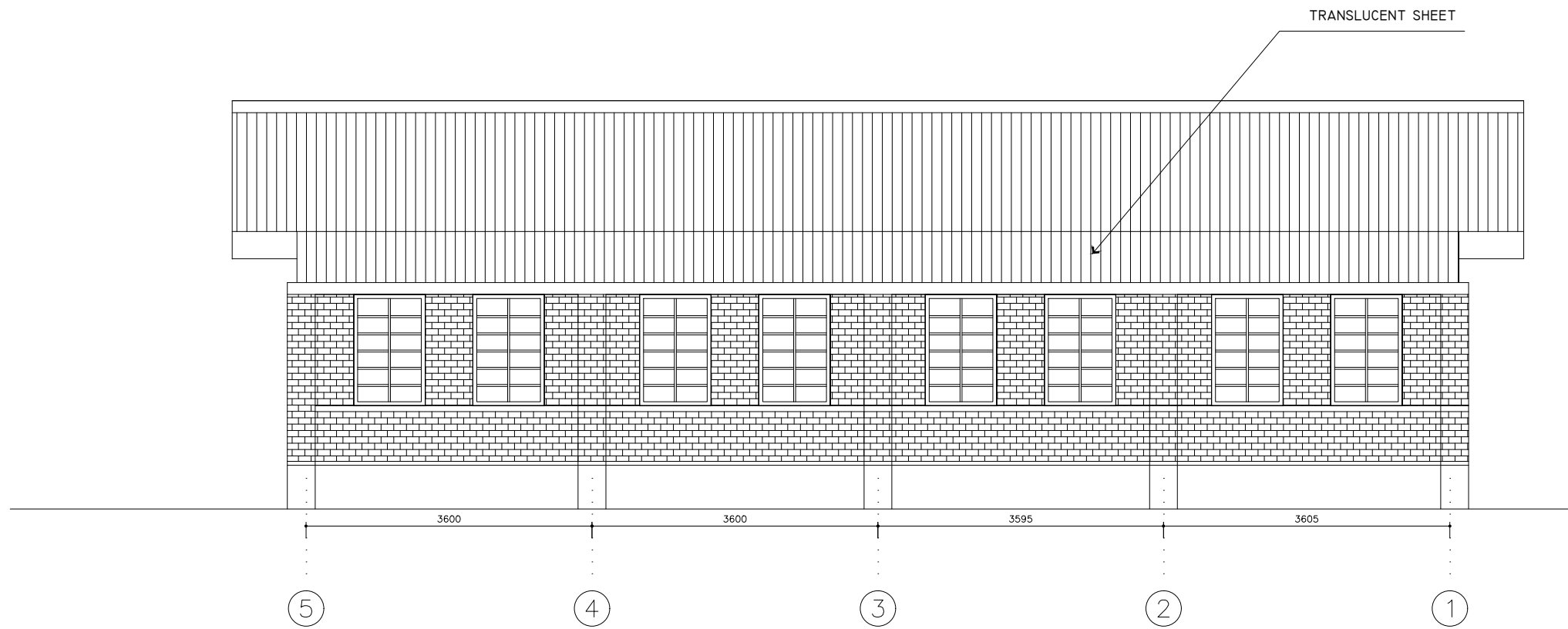


PLAN

PROJECT:- SCHOOL BUILDING TWO ROOM STEEL FRAME STRUCTURE	
CONSULTANT ALTIUS DESIGN PVT. LTD LALITPUR	
ARCHITECTURAL DRAWINGS PROVIDED BY; CENTER FOR EDUCATION AND HUMAN RESOURCES DEVELOPMENT, SANOTHIMI, BHAKTAPUR	
SHEET TITLE:- 2 ROOM [FLOOR PLAN]	
RECOMMENDED BY:-	
APPROVED BY:-	SHEET.No A-1
SCALE:-	DATE:- 2078



FRONT ELEVATION



BACK ELEVATION

NOTE:-
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PROJECT:-
 SCHOOL BUILDING
 TWO ROOM
 STEEL FRAME STRUCTURE

CONSULTANT
 ALTIUS DESIGN PVT. LTD
 LALITPUR

ARCHITECTURAL DRAWINGS PROVIDED BY:
 CENTER FOR EDUCATION AND HUMAN
 RESOURCES
 DEVELOPMENT, SANOTHIMI, BHAKTAPUR

SHEET TITLE:-
 2 ROOM
 [ELEVATION]

RECOMMENDED BY:-

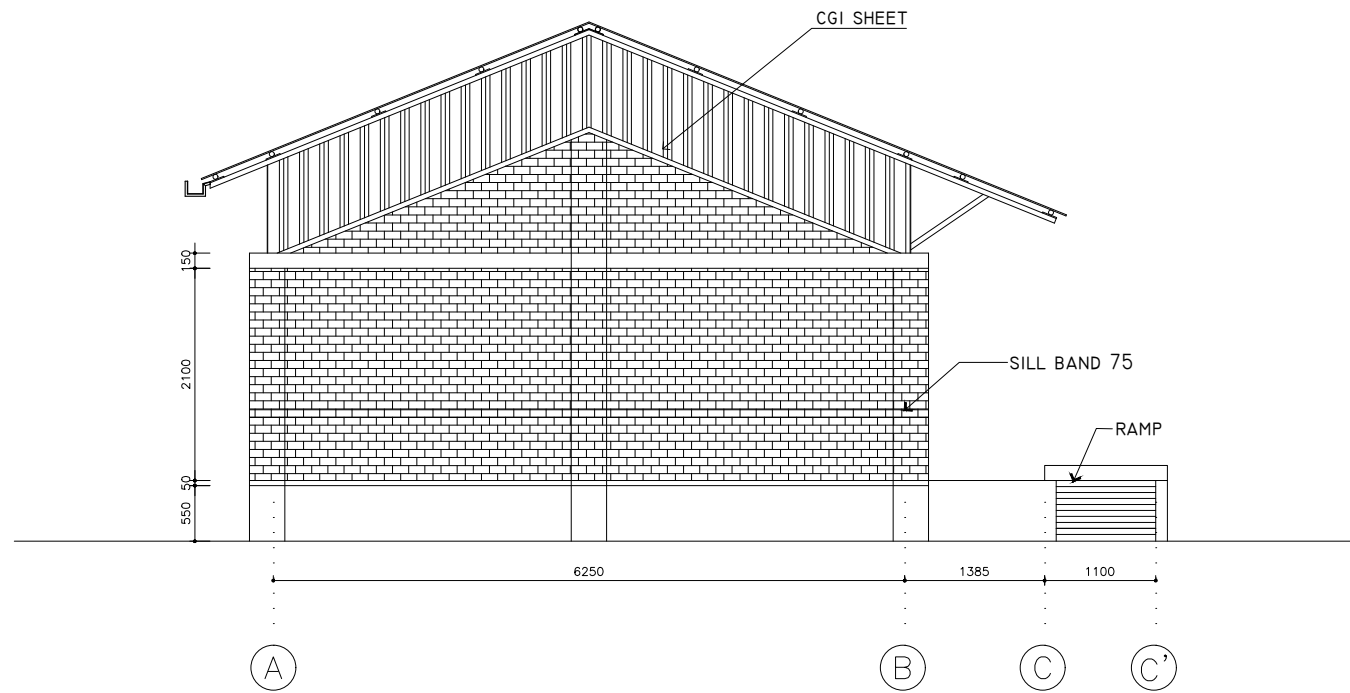
APPROVED BY:-

SCALE:-

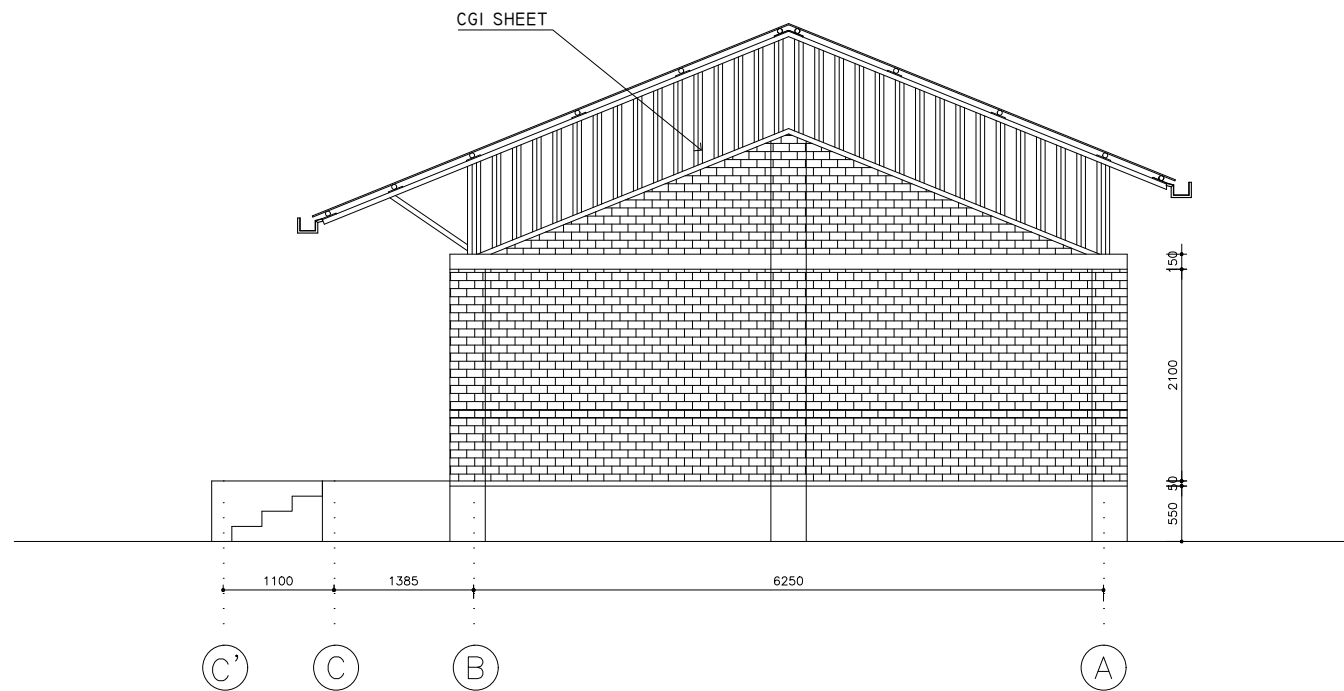
DATE:- 2078

SHEET.No

A-2



SIDE ELEVATION



SIDE ELEVATION

NOTE:-
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PROJECT:-
 SCHOOL BUILDING
 TWO ROOM
 STEEL FRAME STRUCTURE

CONSULTANT
 ALTIUS DESIGN PVT. LTD
 LALITPUR

ARCHITECTURAL DRAWINGS PROVIDED BY;
 CENTER FOR EDUCATION AND HUMAN
 RESOURCES
 DEVELOPMENT, SANOTHIMI, BHAKTAPUR

SHEET TITLE:-
 2 ROOM
 [ELEVATION]

RECOMMENDED BY:-

APPROVED BY:-

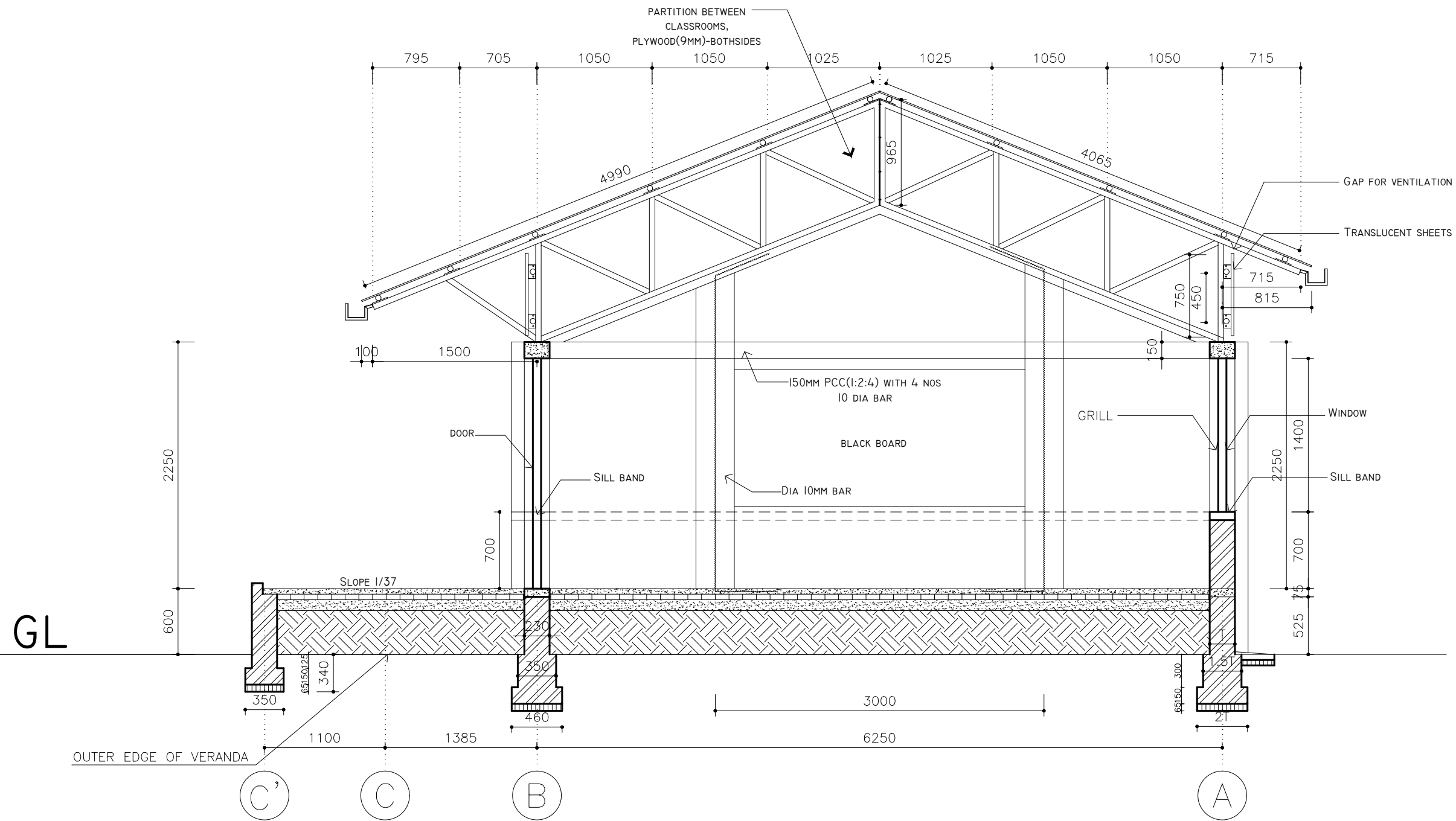
SHEET.No

A-3

SCALE:-

DATE:- 2078

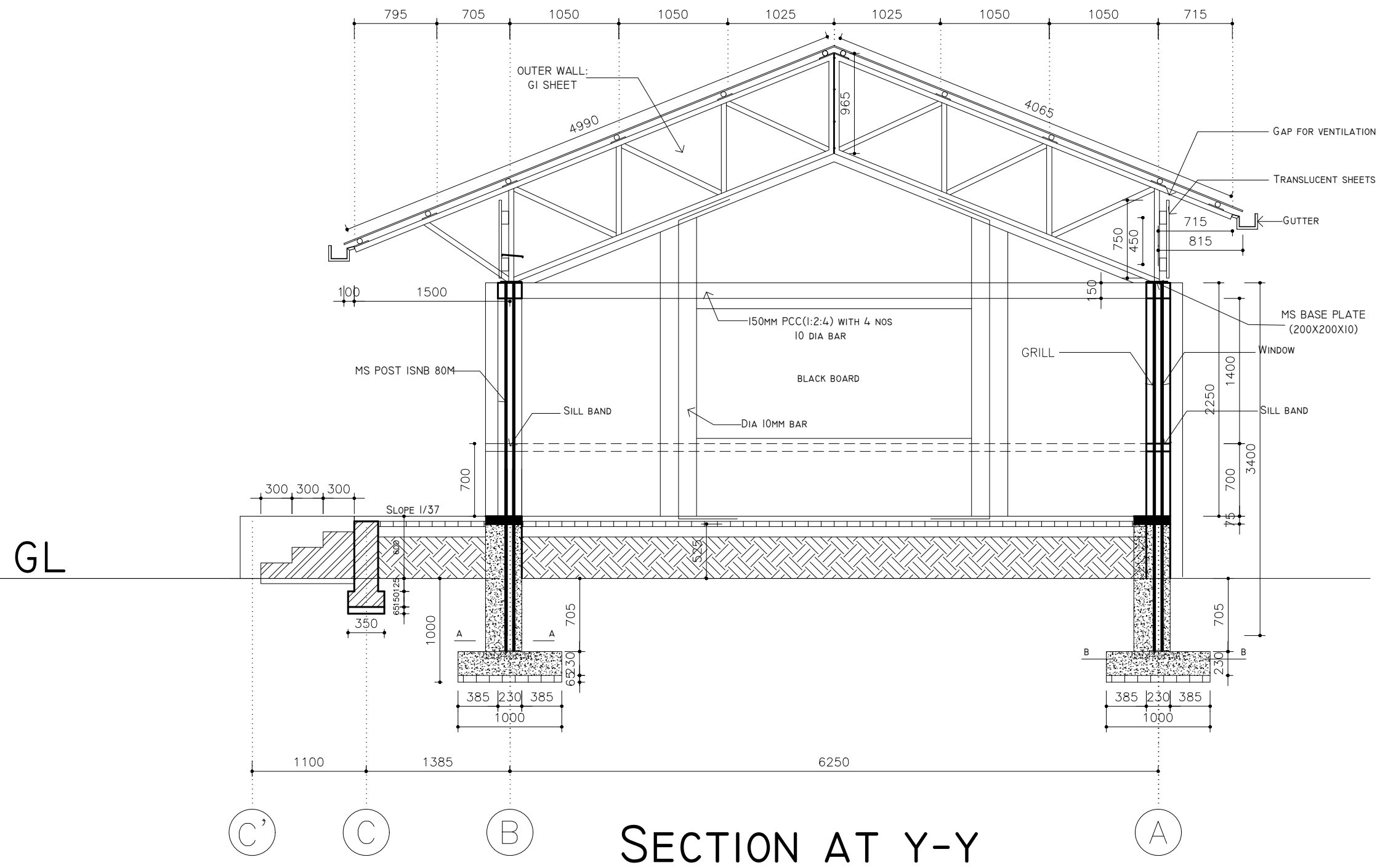
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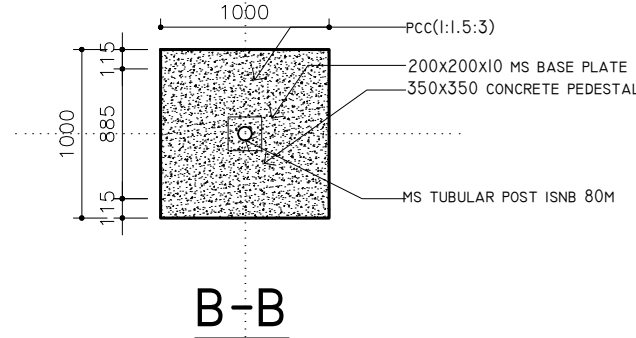
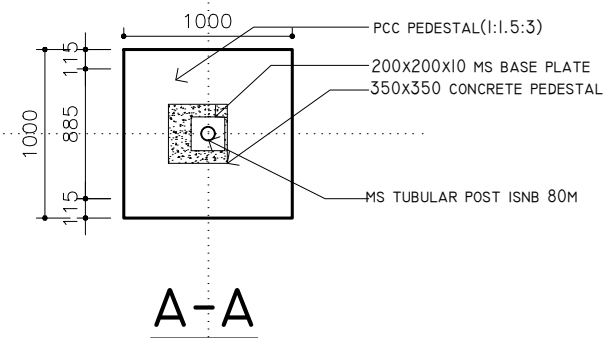
SECTION AT X-X

PROJECT:-	
SCHOOL BUILDING TWO ROOM STEEL FRAME STRUCTURE	
CONSULTANT	
ALTIUS DESIGN PVT. LTD LALITPUR	
ARCHITECTURAL DRAWINGS PROVIDED BY;	
CENTER FOR EDUCATION AND HUMAN RESOURCES DEVELOPMENT, SANOTHIMI, BHAKTAPUR	
SHEET TITLE:-	
2 ROOM [SECTION AT X-X]	
RECOMMENDED BY:-	
APPROVED BY:-	SHEET.No
SCALE:-	A-4
DATE:- 2078	

NOTE:-
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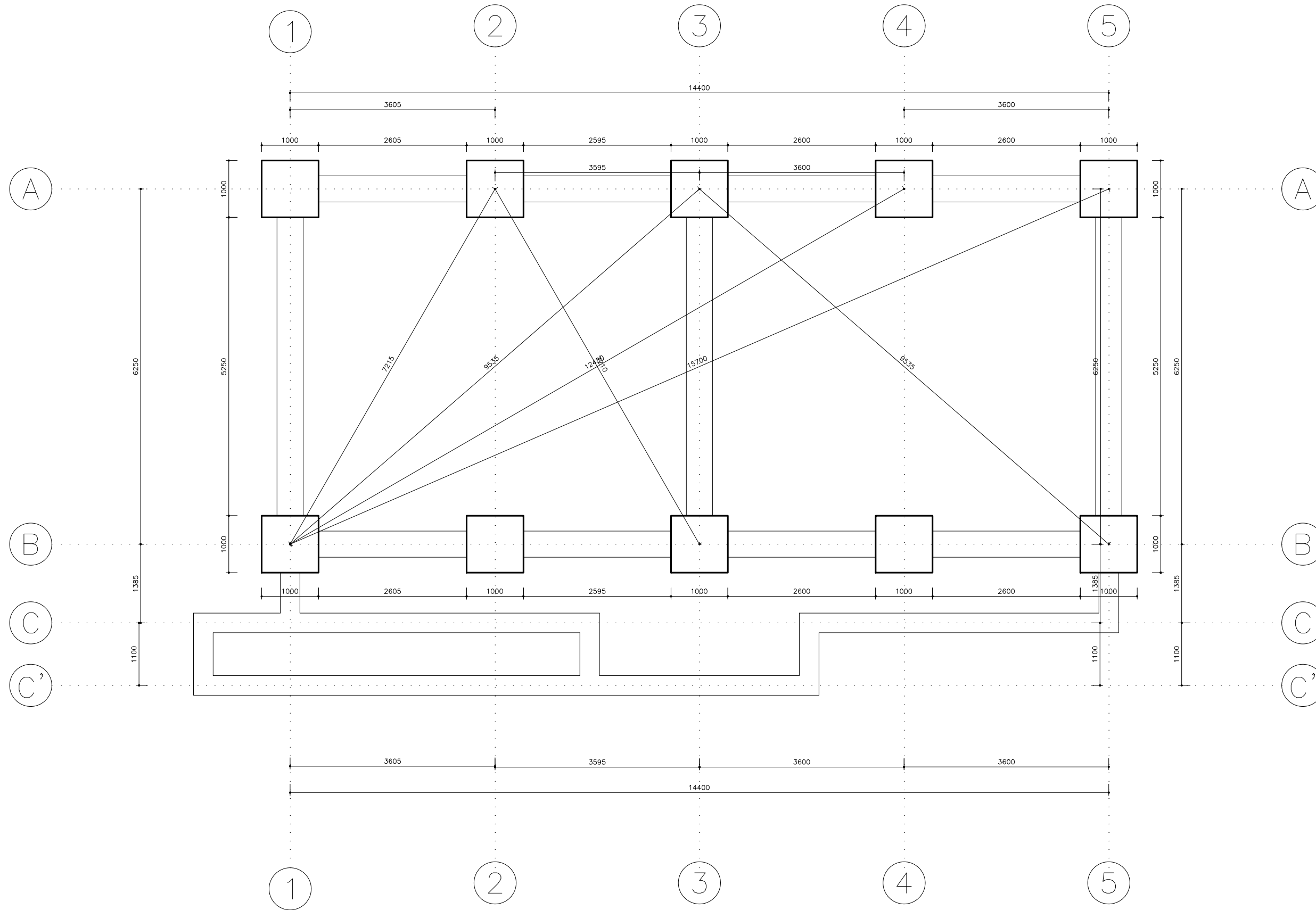


SECTION AT Y-Y



PROJECT:-	
SCHOOL BUILDING TWO ROOM STEEL FRAME STRUCTURE	
CONSULTANT	
ALTIUS DESIGN PVT. LTD LALITPUR	
ARCHITECTURAL DRAWINGS PROVIDED BY;	
CENTER FOR EDUCATION AND HUMAN RESOURCES DEVELOPMENT, SANOTHIMI, BHAKTAPUR	
SHEET TITLE:-	
2 ROOM [SECTION AT Y-Y]	
RECOMMENDED BY:-	
APPROVED BY:-	SHEET.No
SCALE:-	A-5
DATE:- 2078	

NOTE:-
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TRENCH PLAN

PROJECT:-
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 TWO ROOM
 STEEL FRAME STRUCTURE

CONSULTANT
 ALTIUS DESIGN PVT. LTD
 LALITPUR

ARCHITECTURAL DRAWINGS PROVIDED BY;
 CENTER FOR EDUCATION AND HUMAN
 RESOURCES
 DEVELOPMENT, SANOTHIMI, BHAKTAPUR

SHEET TITLE:-
 [TRENCH PLAN]

RECOMMENDED BY:-

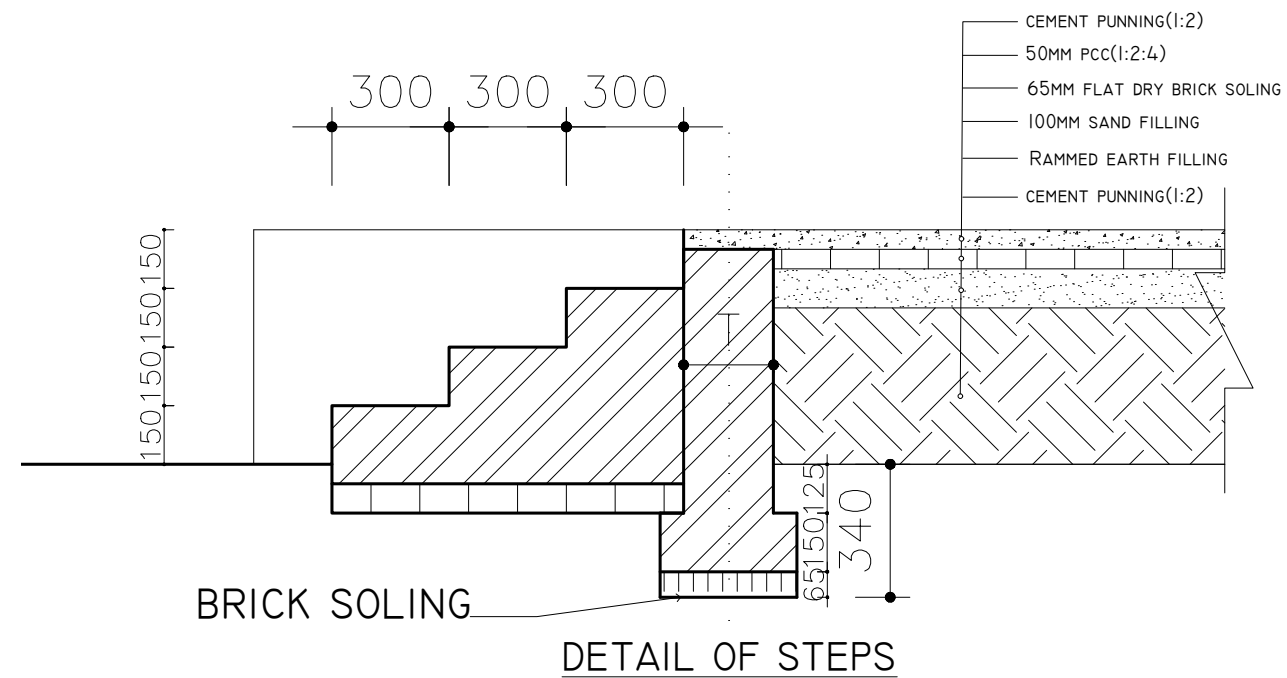
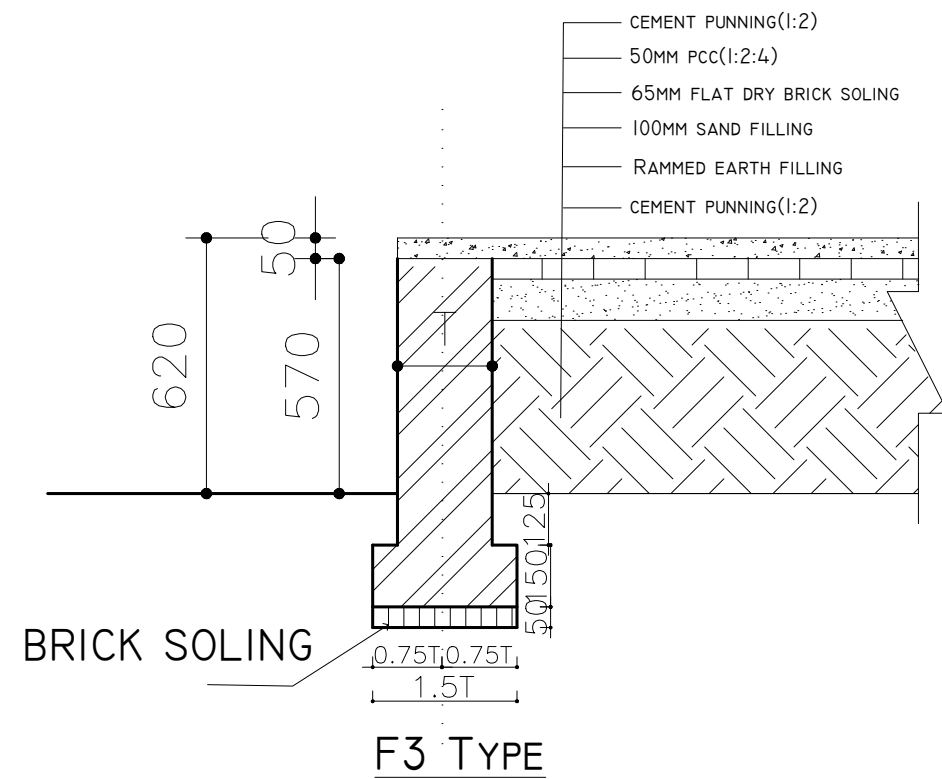
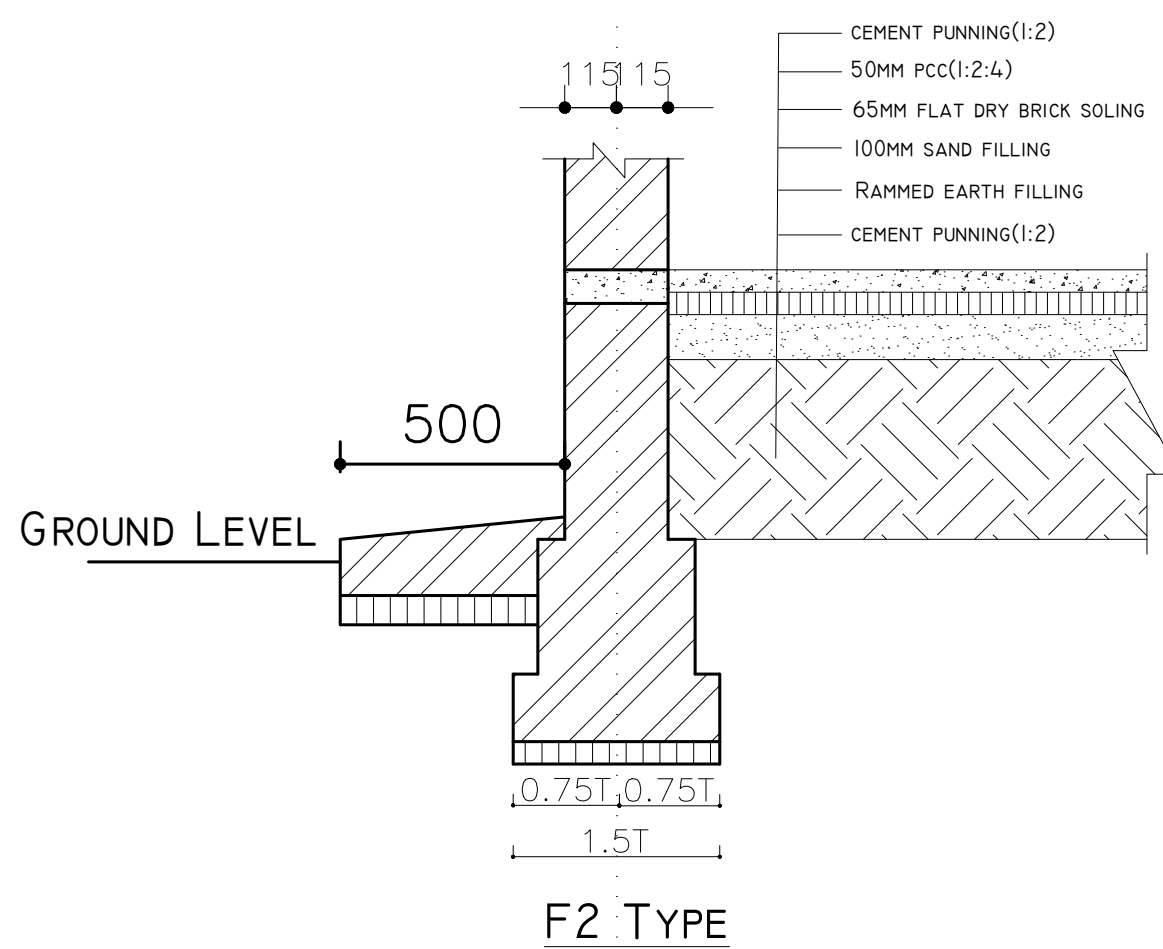
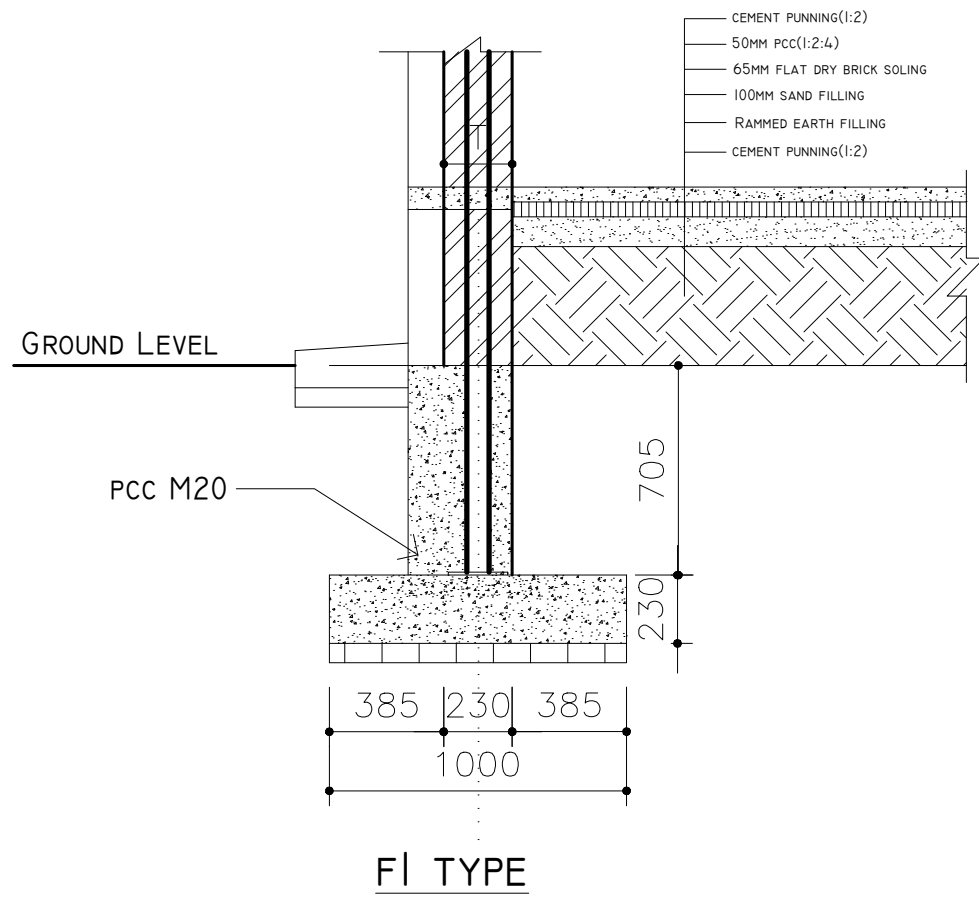
APPROVED BY:-

SCALE:-

DATE:- 2078

SHEET.No

A-6



NOTE:-
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PROJECT:-
SCHOOL BUILDING
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CONSULTANT
ALTIUS DESIGN PVT. LTD
LALITPUR

ARCHITECTURAL DRAWINGS PROVIDED BY;
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RESOURCES
DEVELOPMENT, SANOTHIMI, BHAKTAPUR

SHEET TITLE:-
[FOUNDATION DETAILS]

RECOMMENDED BY:-

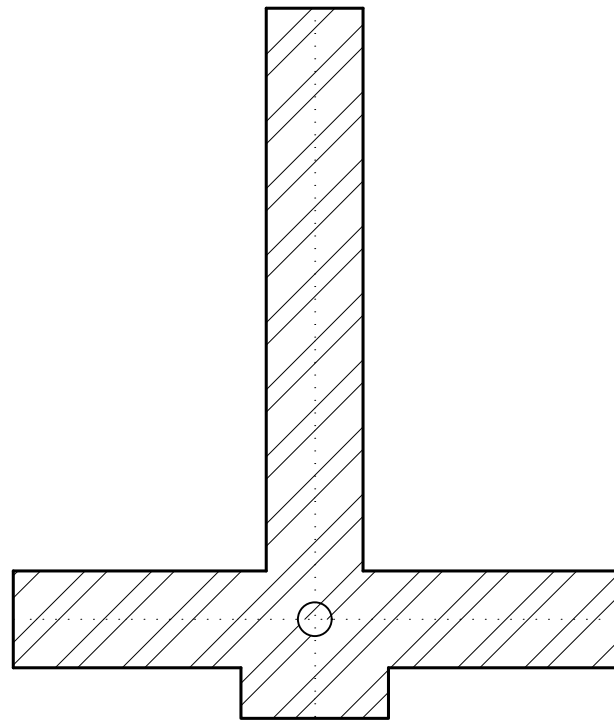
APPROVED BY:-

SHEET.No

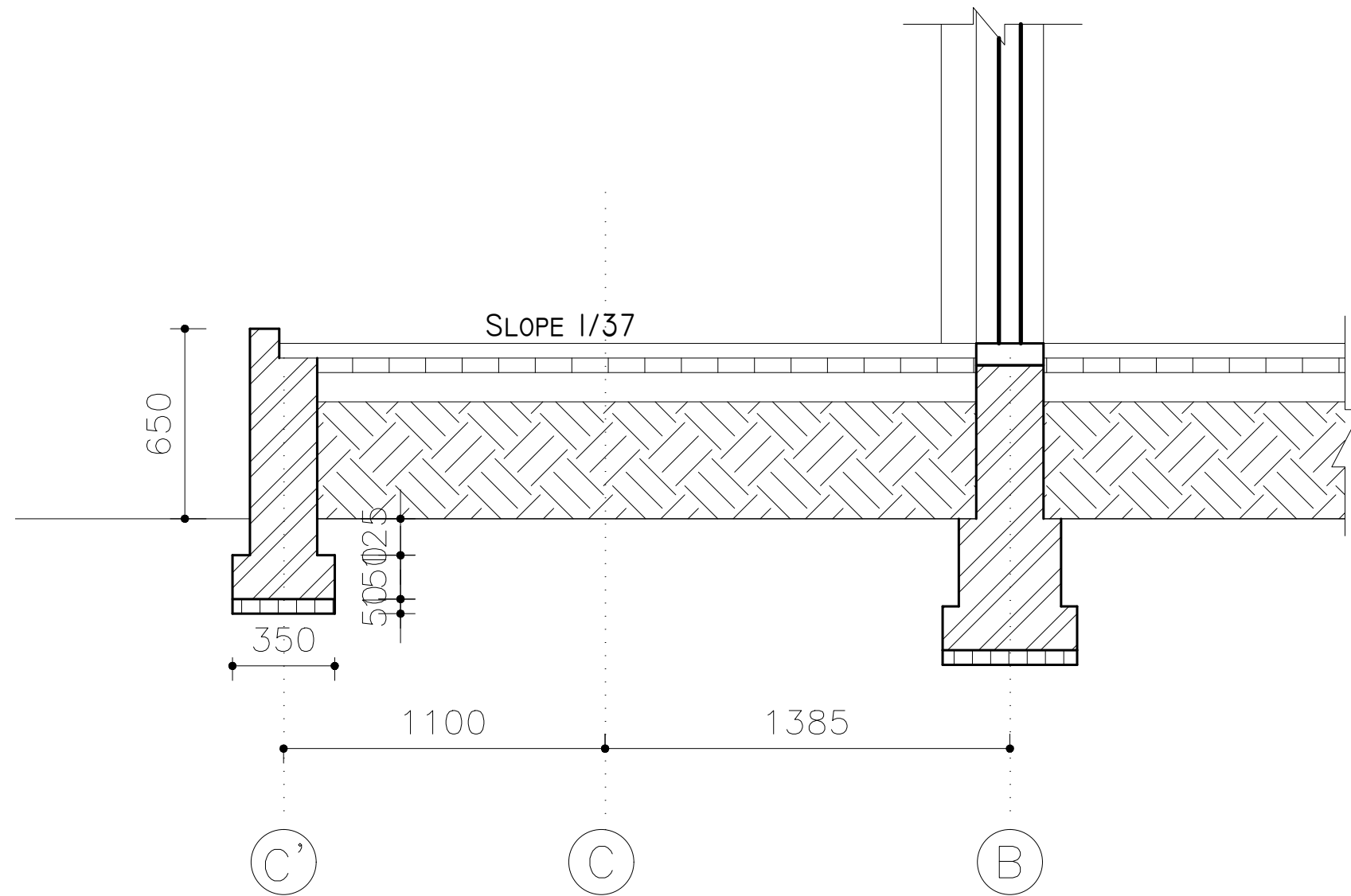
SCALE:-

DATE:- 2078

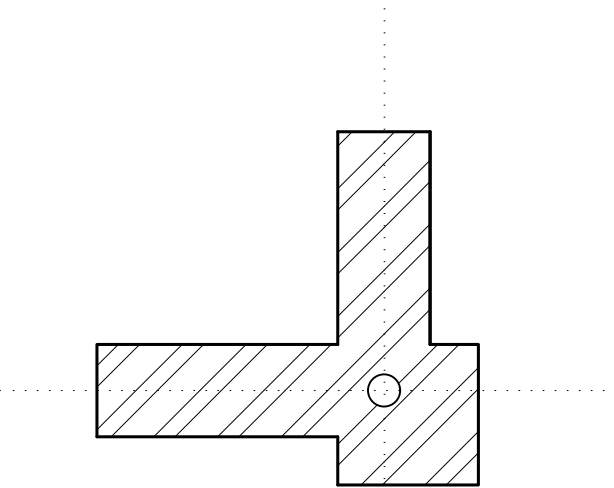
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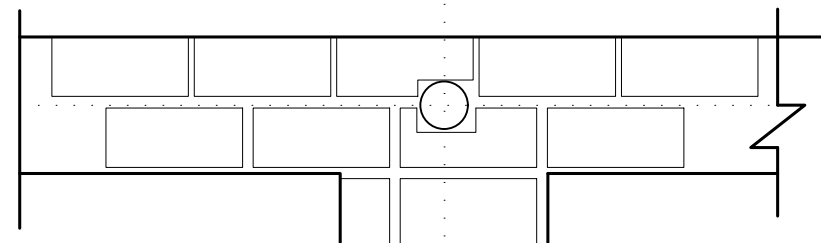
1.5T
DETAIL AT BUTTRESS



DETAIL AT VERANDAH



DETAIL OF FRONT CORNER
BUTTRESS
WITH VERANDAH WALL



1.5T
DETAIL OF BRICK LAYING

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PROJECT:-
SCHOOL BUILDING
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STEEL FRAME STRUCTURE

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LALITPUR

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DEVELOPMENT, SANOTHIMI, BHAKTAPUR

SHEET TITLE:-
[WALL DETAILS]

RECOMMENDED BY:-

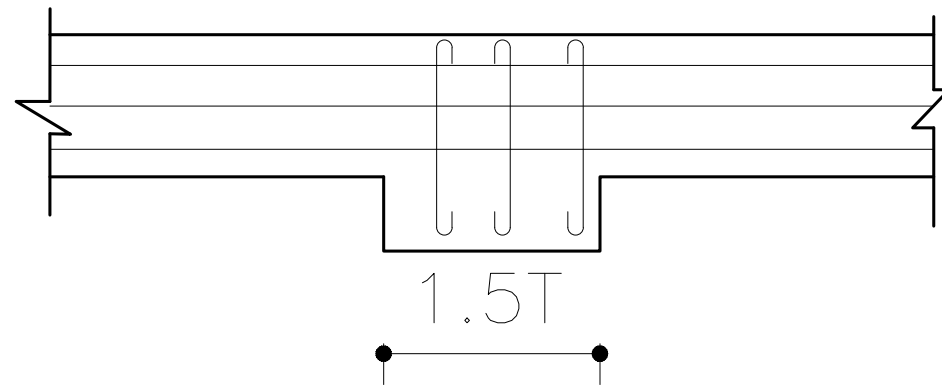
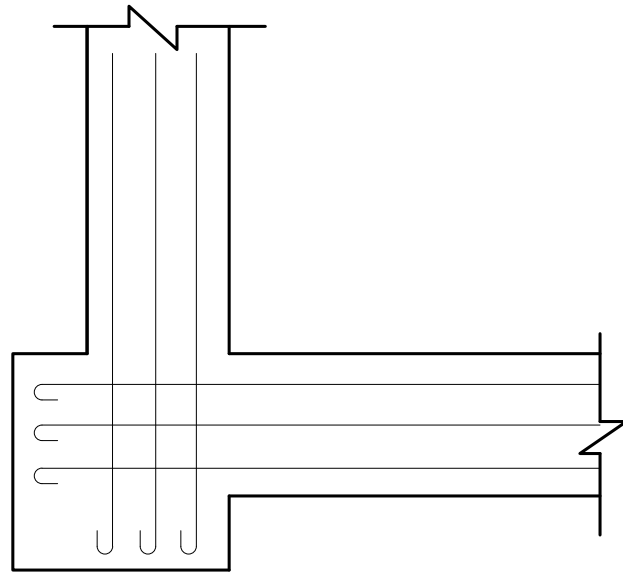
APPROVED BY:-

SCALE:-

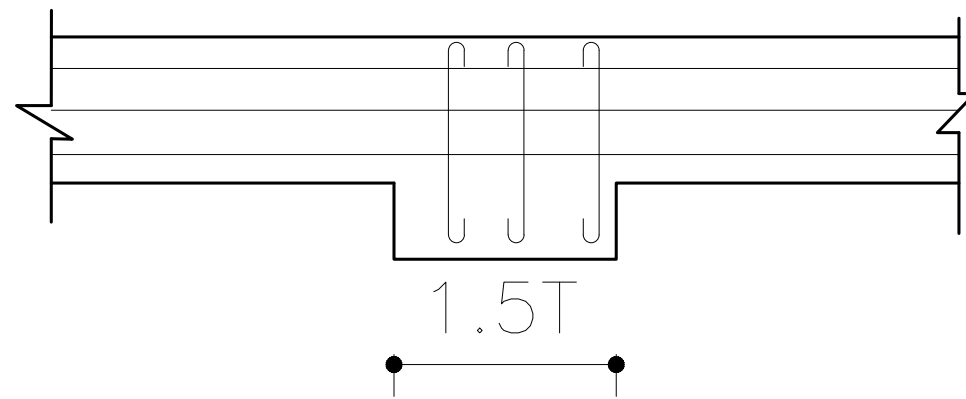
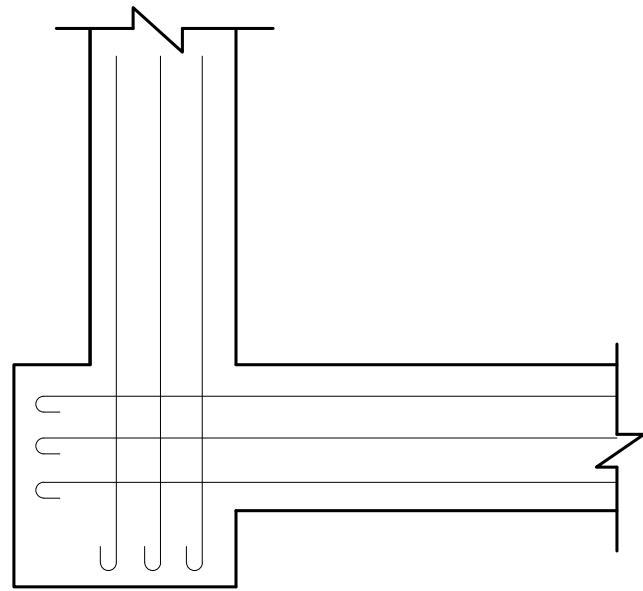
DATE:- 2078

SHEET.NO

A-8

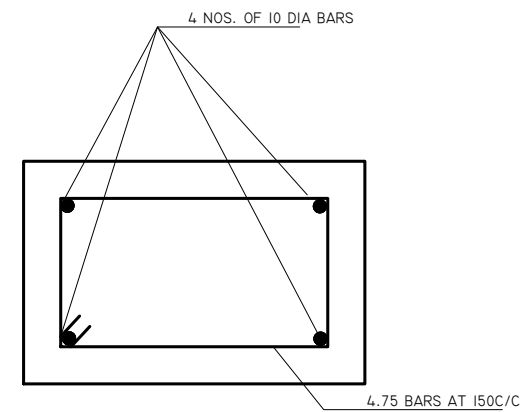
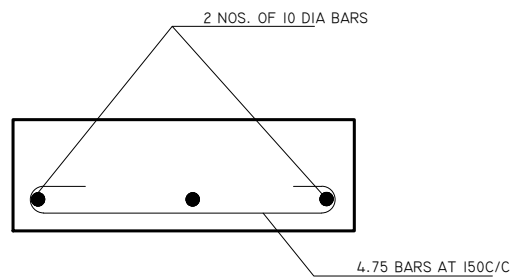
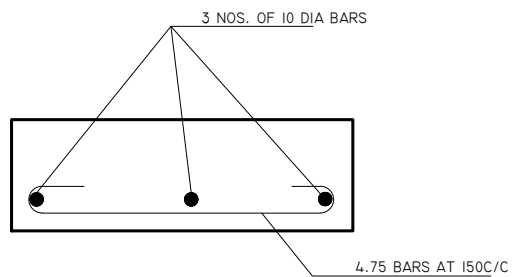


PLAN FOR DPC AND GABLE BANDS



PLAN FOR DPC AND GABLE BANDS

NOTE:
4.75 DIA BARS TO BE KEPT AT
150 C/C ALL ALONG THE
LENGTH OF MAIN BAR



SECTIONS OF BANDS

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LALITPUR

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RESOURCES
DEVELOPMENT, SANOTHIMI, BHAKTAPUR

SHEET TITLE:-
[BAND DETAILS]

RECOMMENDED BY:-

APPROVED BY:-

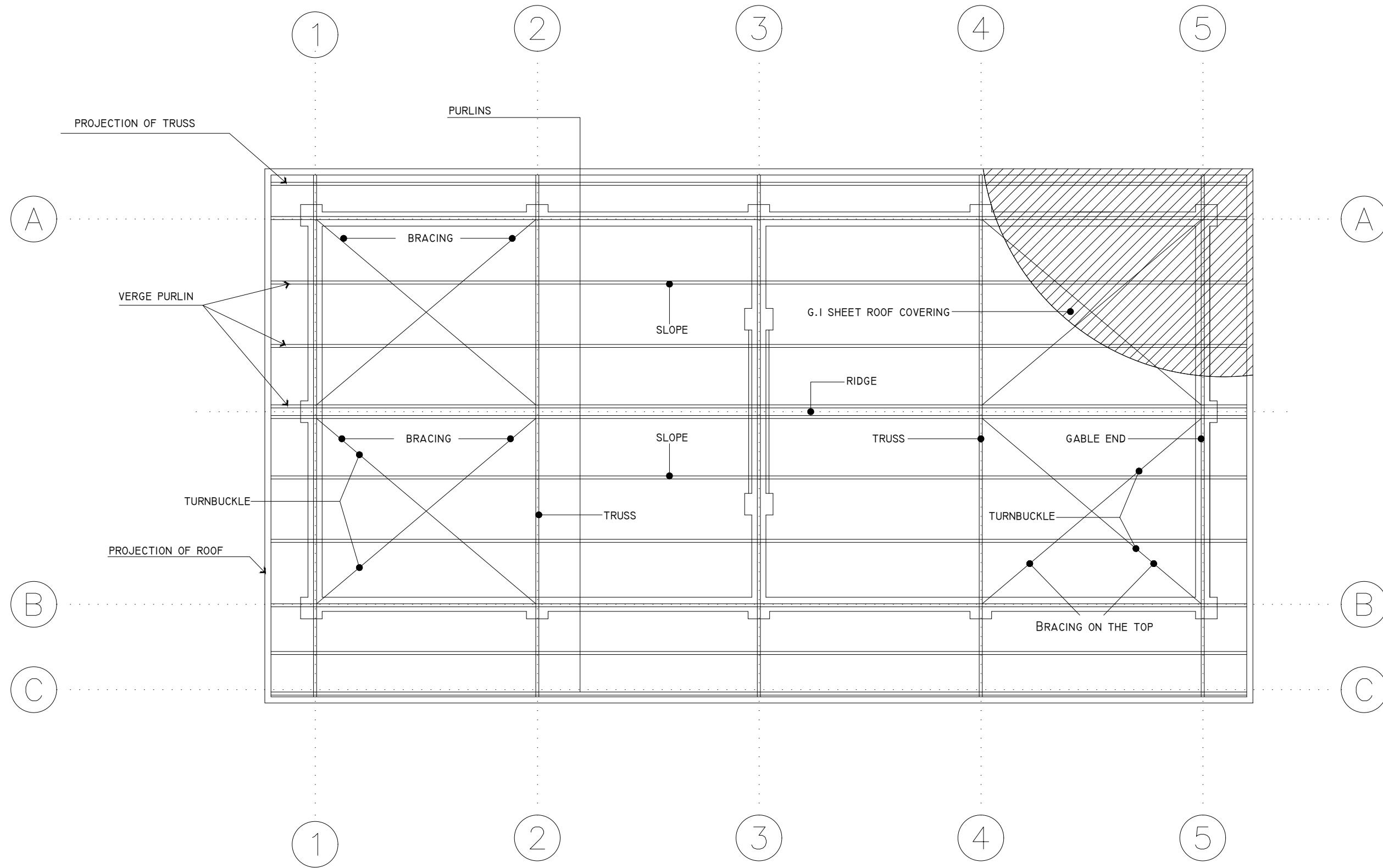
SHEET.No

SCALE:-

DATE:- 2078

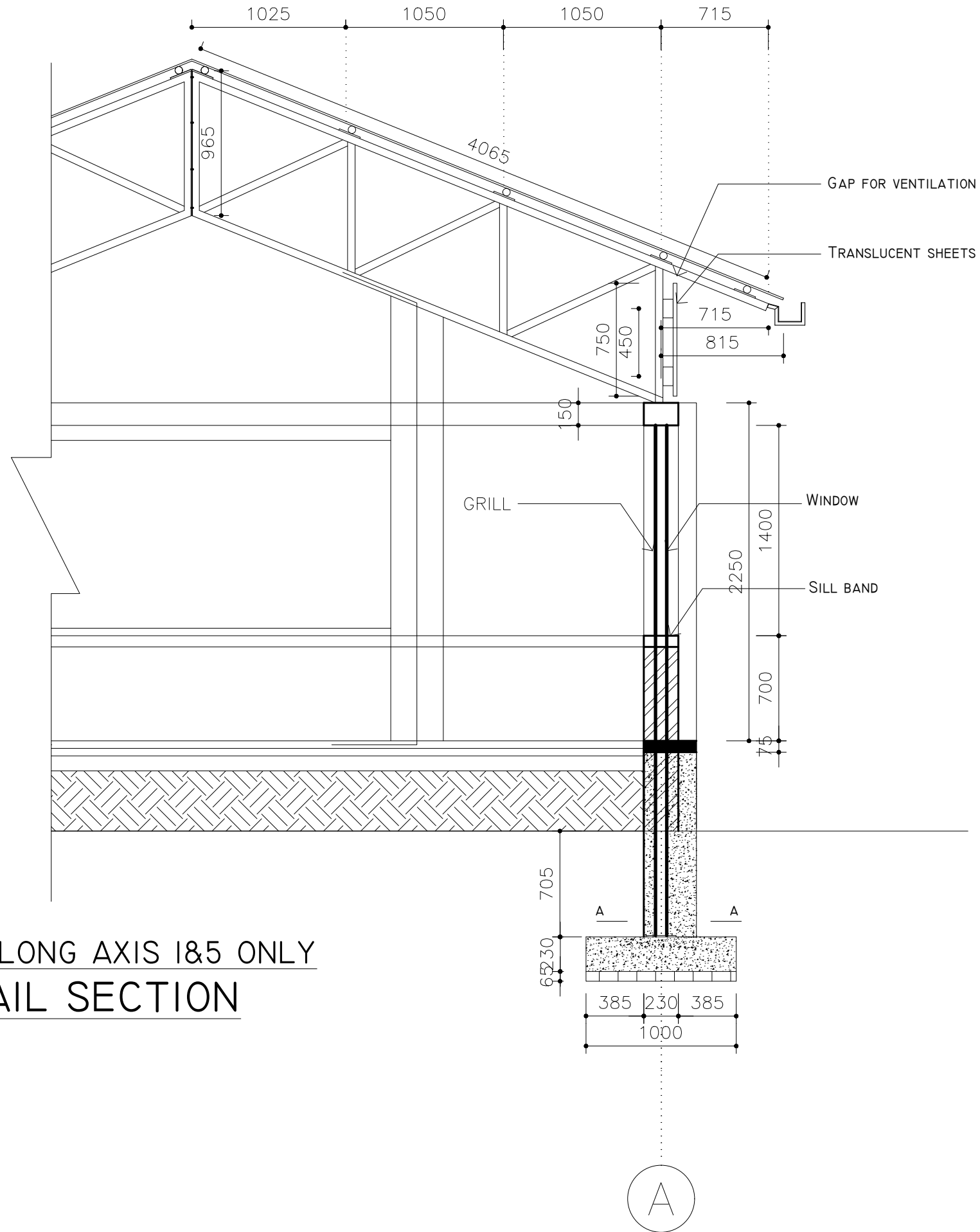
A-9

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TRUSS PLAN

PROJECT:- SCHOOL BUILDING TWO ROOM STEEL FRAME STRUCTURE	
CONSULTANT ALTIUS DESIGN PVT. LTD LALITPUR	
ARCHITECTURAL DRAWINGS PROVIDED BY; CENTER FOR EDUCATION AND HUMAN RESOURCES DEVELOPMENT, SANOTHIMI, BHAKTAPUR	
SHEET TITLE:- [STRUCTURAL PLAN OF TRUSS]	
RECOMMENDED BY:-	
APPROVED BY:-	SHEET.No
SCALE:-	DATE:- 2078
A-10	

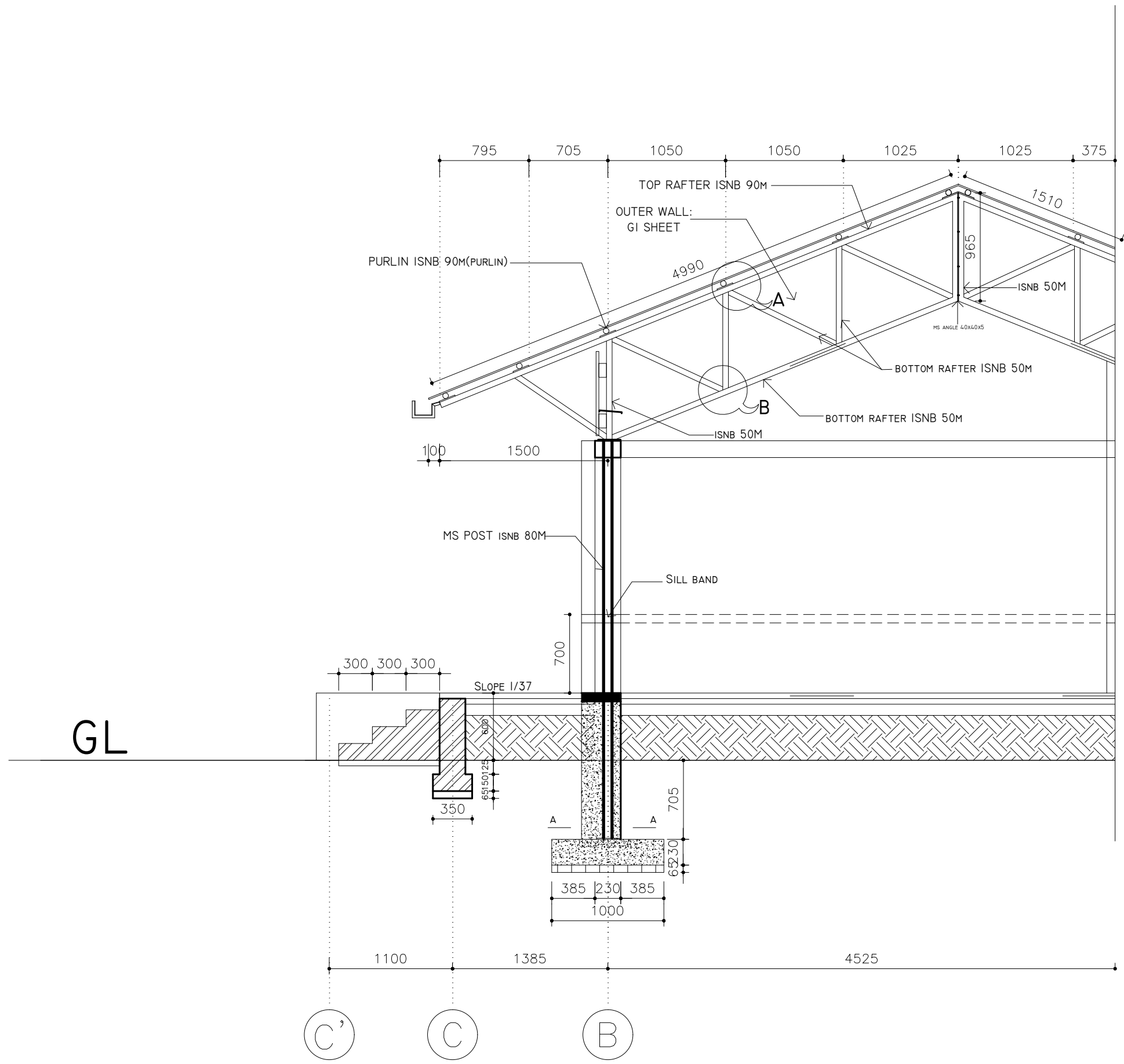


TRUSSES ALONG AXIS I&5 ONLY
DETAIL SECTION

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PROJECT:- SCHOOL BUILDING TWO ROOM STEEL FRAME STRUCTURE	
CONSULTANT ALTIUS DESIGN PVT. LTD LALITPUR	
ARCHITECTURAL DRAWINGS PROVIDED BY: CENTER FOR EDUCATION AND HUMAN RESOURCES DEVELOPMENT, SANOTHIMI, BHAKTAPUR	
SHEET TITLE:- [DETAIL SECTION OF TRUSS]	
RECOMMENDED BY:-	
APPROVED BY:-	SHEET.No A-11
SCALE:-	DATE:- 2078

NOTE:-
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TRUSSES ALONG AXIS 1&5 ONLY
 DETAIL SECTION

PROJECT:-
 SCHOOL BUILDING
 TWO ROOM
 STEEL FRAME STRUCTURE

CONSULTANT
 ALTIUS DESIGN PVT. LTD
 LALITPUR

ARCHITECTURAL DRAWINGS PROVIDED BY;
 CENTER FOR EDUCATION AND HUMAN
 RESOURCES
 DEVELOPMENT, SANOTHIMI, BHAKTAPUR

SHEET TITLE:-
 [DETAIL SECTION OF
 TRUSS]

RECOMMENDED BY:-

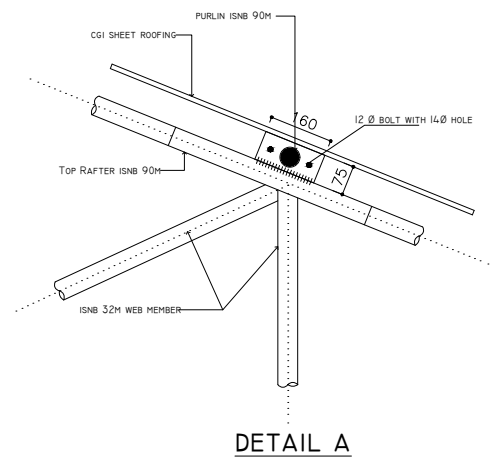
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SCALE:-

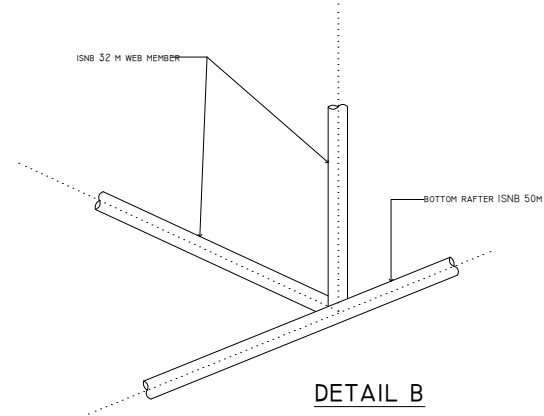
DATE:- 2078

SHEET.No

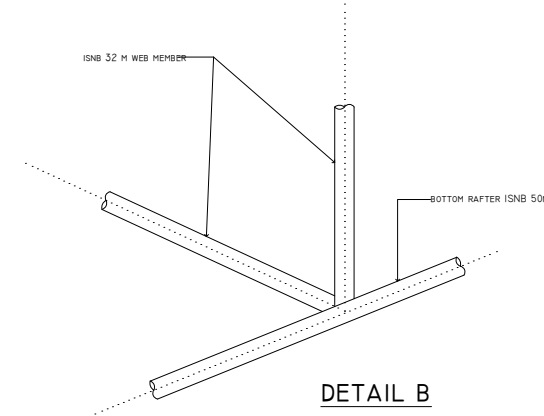
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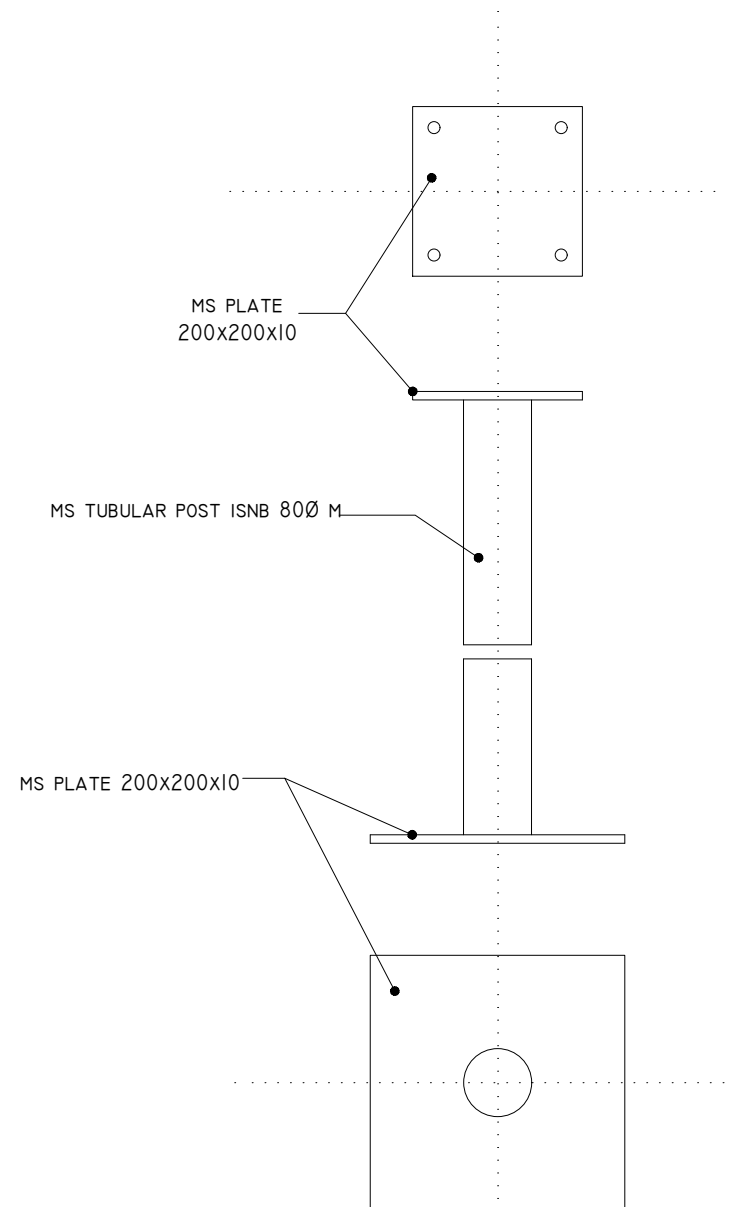
DETAIL A



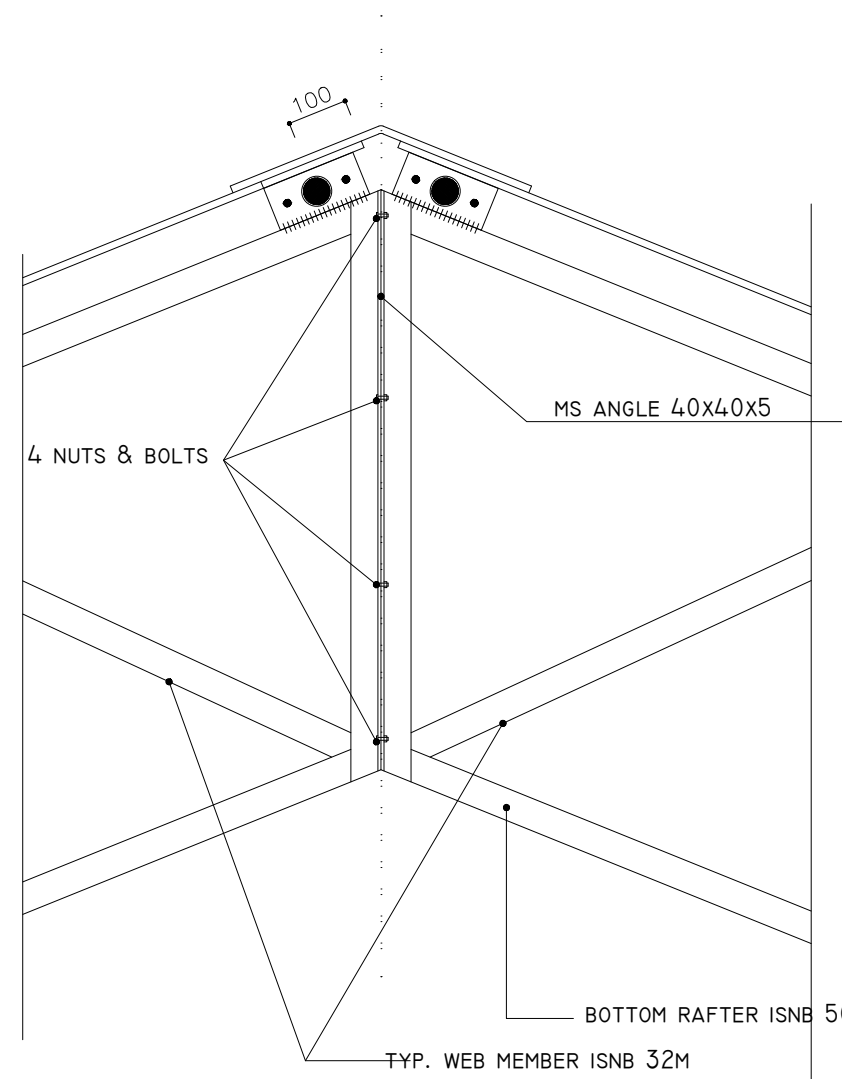
DETAIL B



DETAIL B



DETAIL OF POST



DETAIL D

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CONSULTANT
ALTIUS DESIGN PVT. LTD
LALITPUR

ARCHITECTURAL DRAWINGS PROVIDED BY:
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DEVELOPMENT, SANOTHIMI, BHAKTAPUR

SHEET TITLE:-
[DETAIL OF TRUSS]

RECOMMENDED BY:-

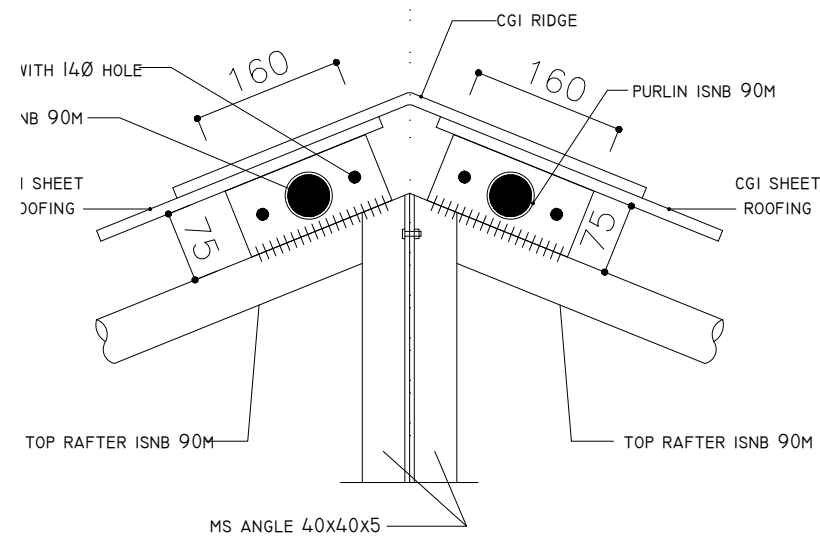
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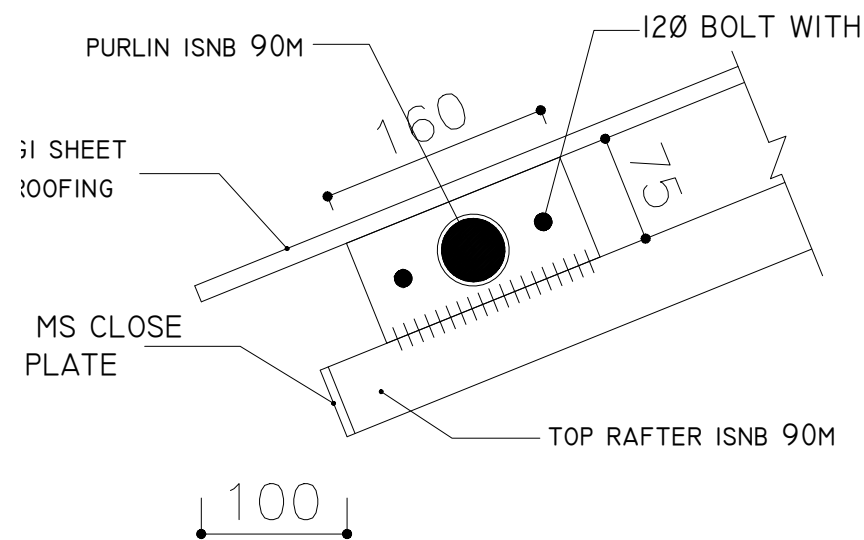
DATE:- 2078

SHEET.No

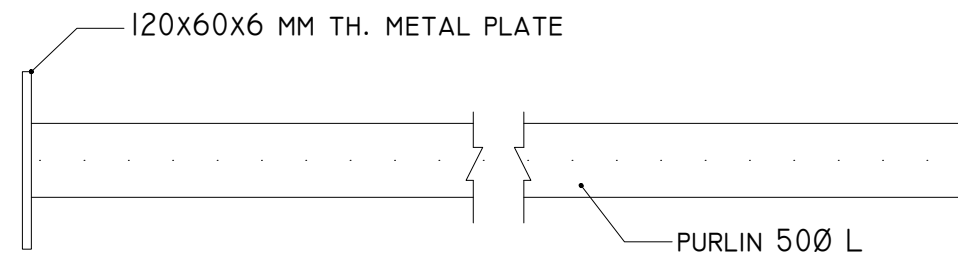
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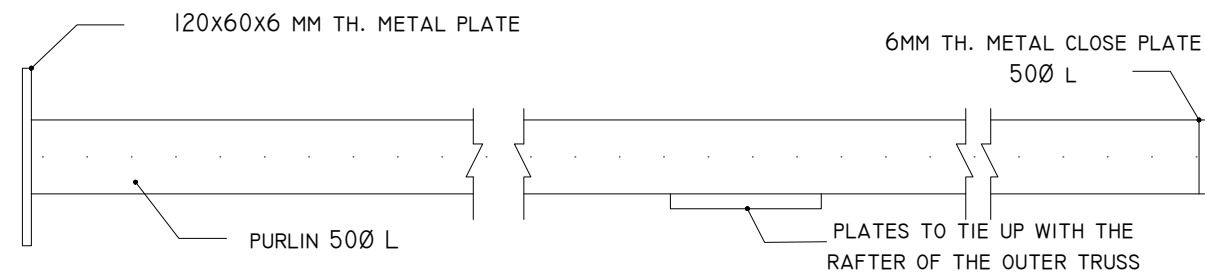
DETAIL E



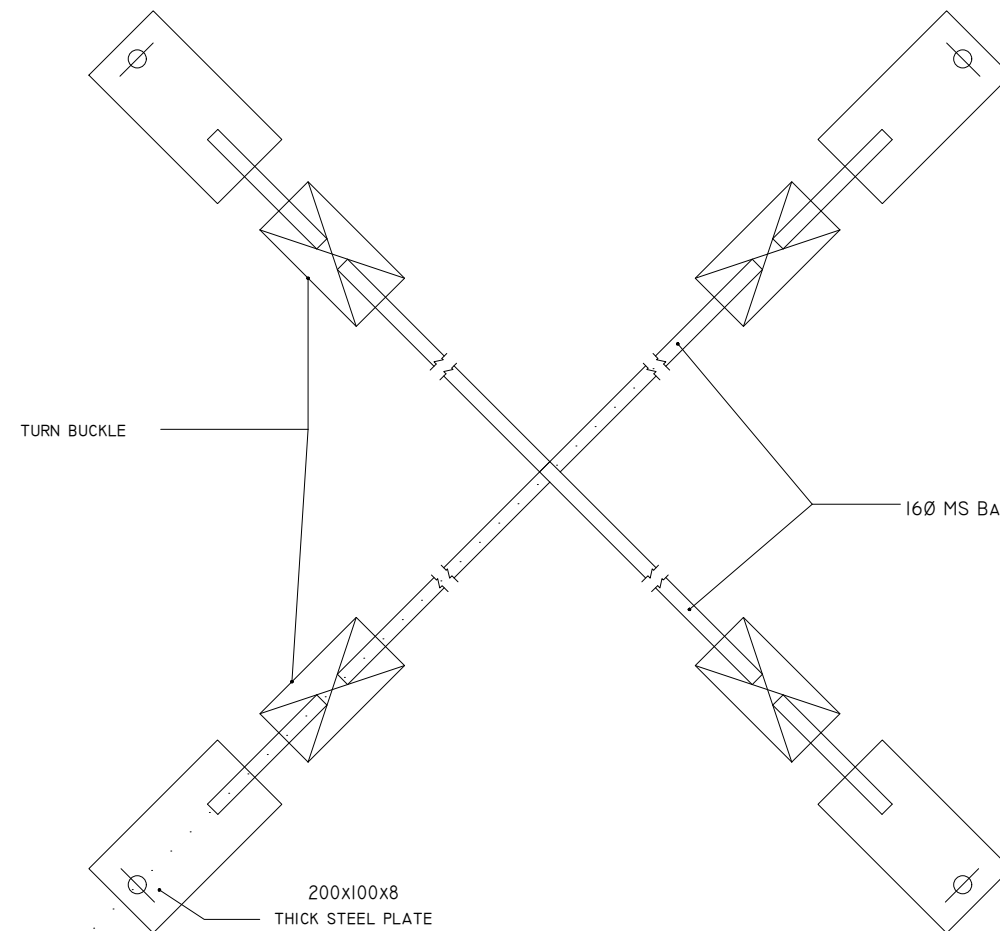
DETAIL F



MIDDLE PURLIN DETAIL



MIDDLE PURLIN DETAIL



BRACE INTERSECTION DETAIL

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 STEEL FRAME STRUCTURE

CONSULTANT
 ALTIUS DESIGN PVT. LTD
 LALITPUR

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 DEVELOPMENT, SANOTHIMI, BHAKTAPUR

SHEET TITLE:-
 [DETAIL OF TRUSS]

RECOMMENDED BY:-

APPROVED BY:-

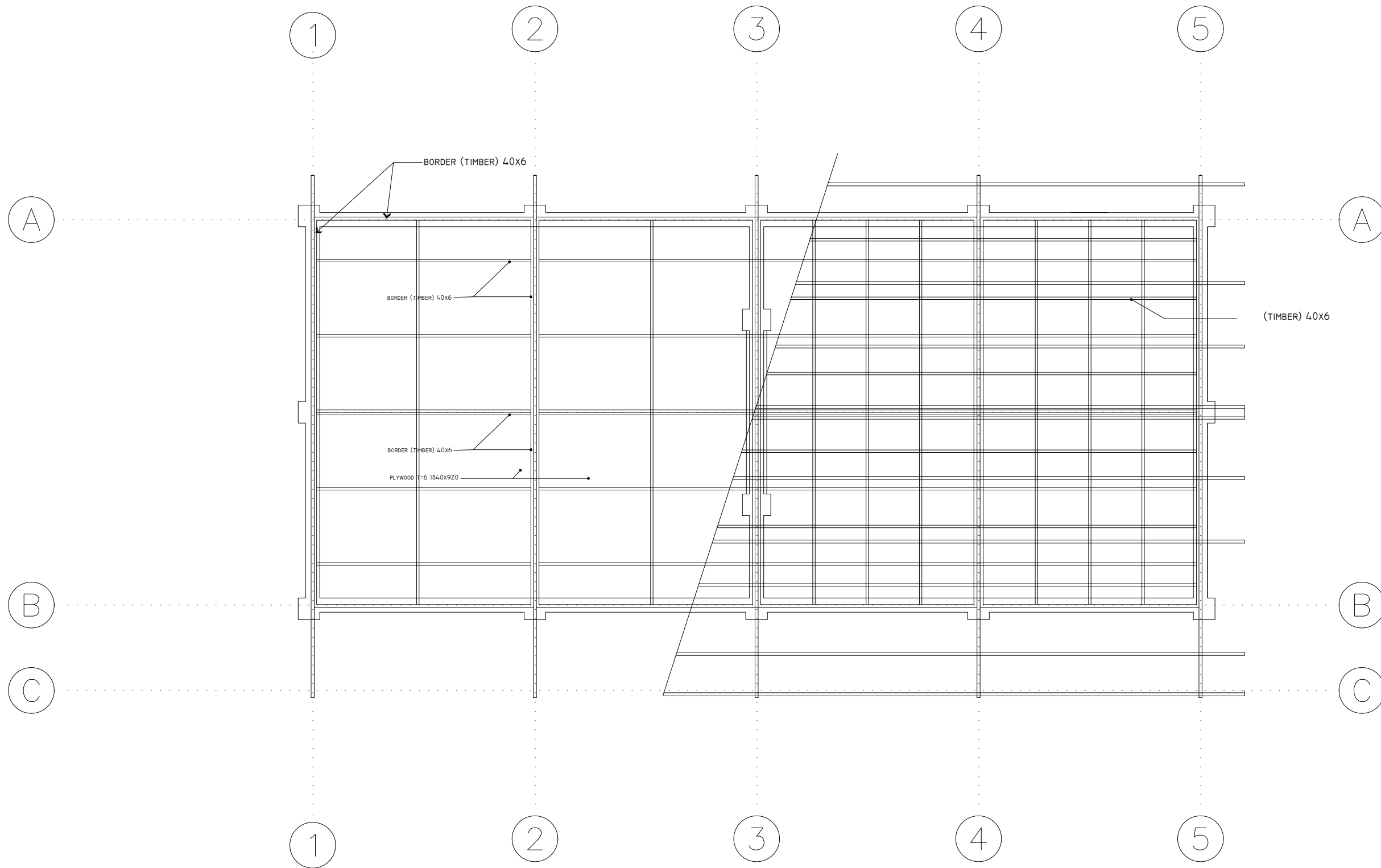
SHEET.No

SCALE:-

DATE:- 2078

A-14

NOTE:-
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REFLECTED CEILING PLAN

PROJECT:-
 SCHOOL BUILDING
 TWO ROOM
 STEEL FRAME STRUCTURE

CONSULTANT
 ALTIUS DESIGN PVT. LTD
 LALITPUR

ARCHITECTURAL DRAWINGS PROVIDED BY:
 CENTER FOR EDUCATION AND HUMAN
 RESOURCES
 DEVELOPMENT, SANOTHIMI, BHAKTAPUR

SHEET TITLE:-
 [CEILING PLAN /DETAIL]

RECOMMENDED BY:-

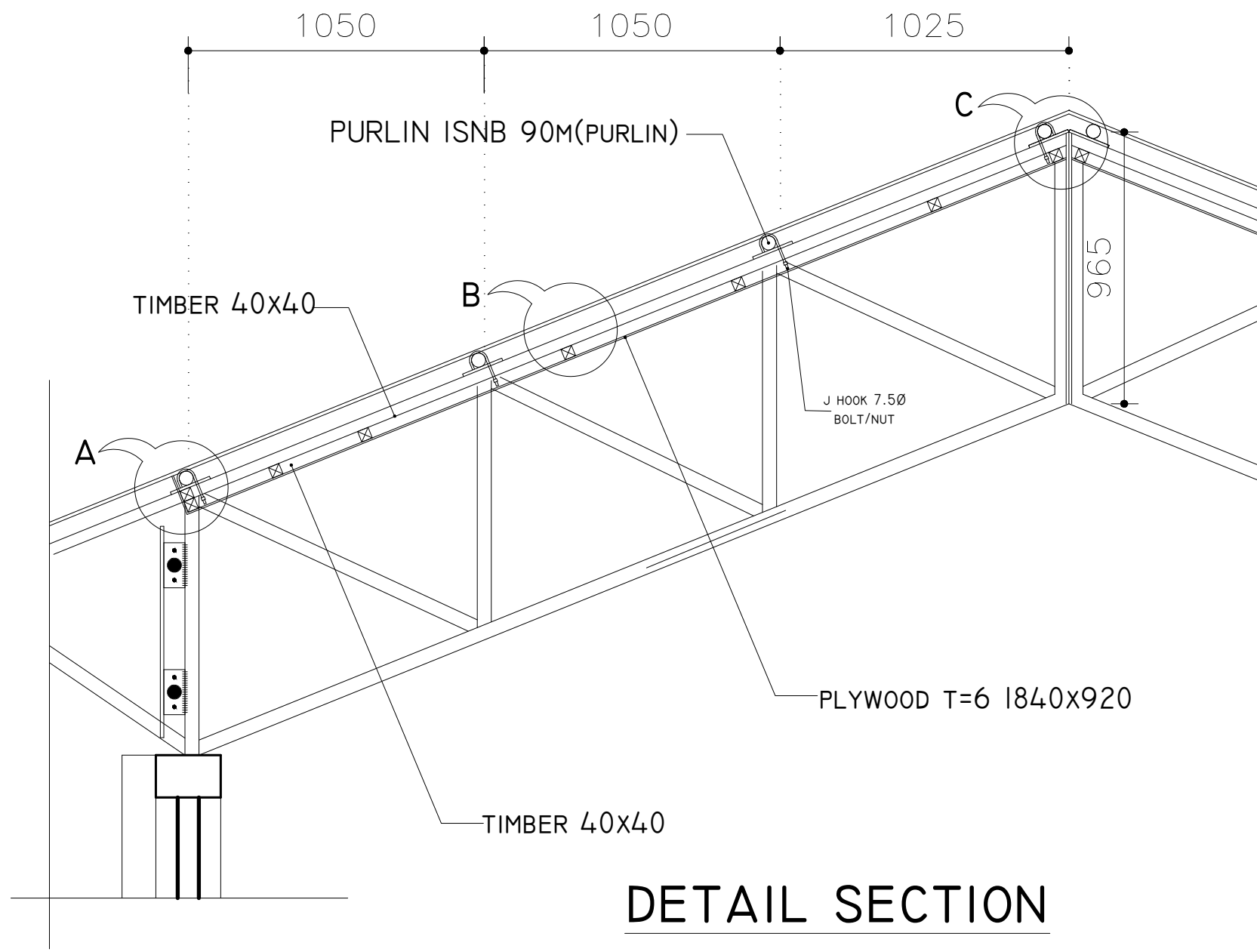
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SCALE:-

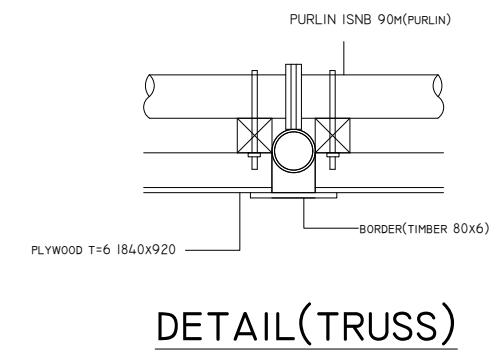
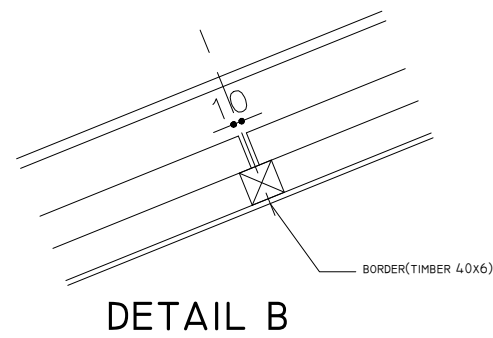
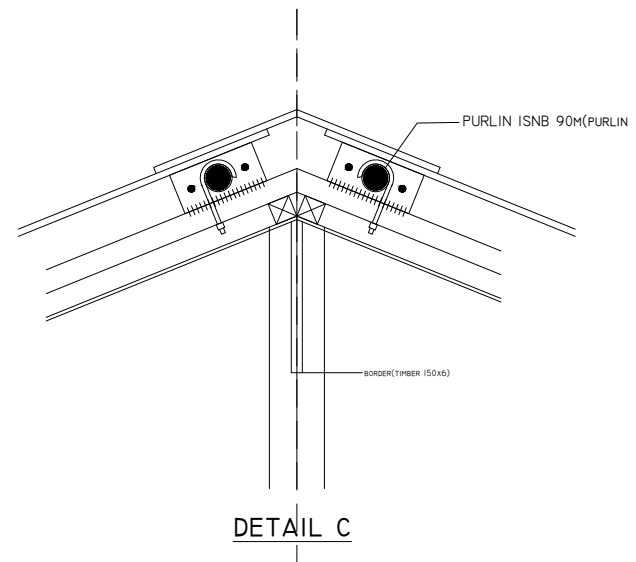
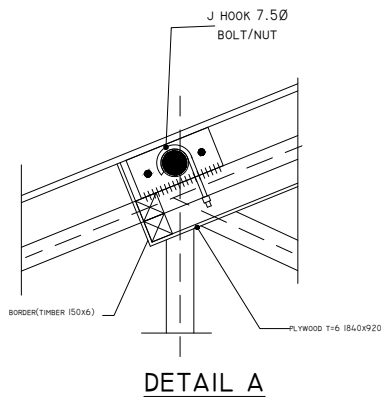
DATE:- 2078

SHEET.No

A-15



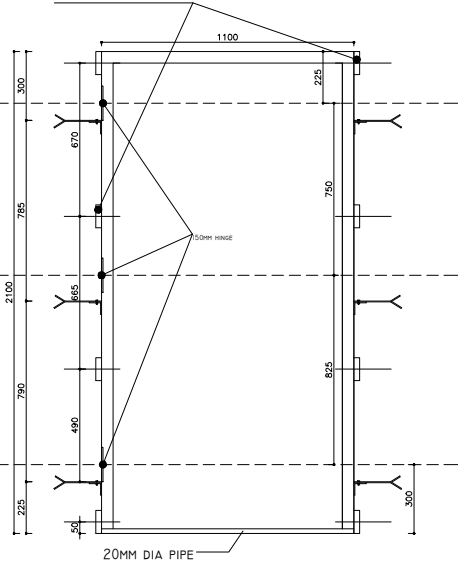
DETAIL SECTION



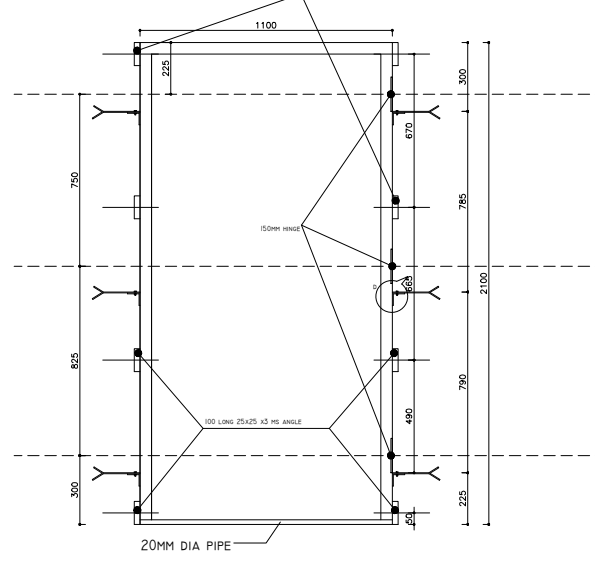
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SHEET TITLE:-	
[TRUSS DETAILS]	
RECOMMENDED BY:-	
APPROVED BY:-	
SCALE:-	DATE:- 2078
SHEET.No A-16	

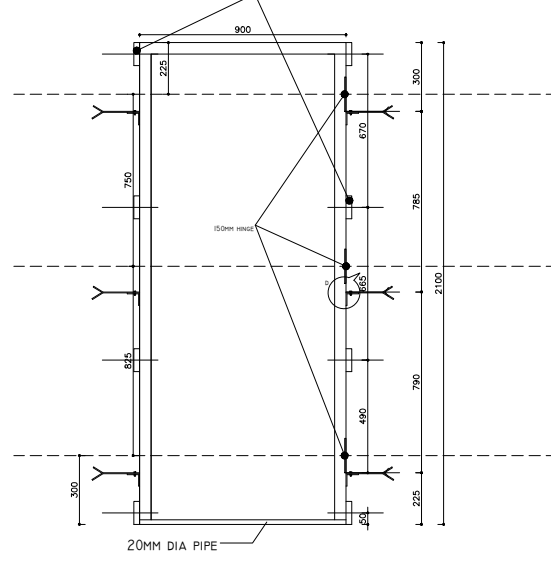
100 LONG 25x25 x3 MS ANGLE



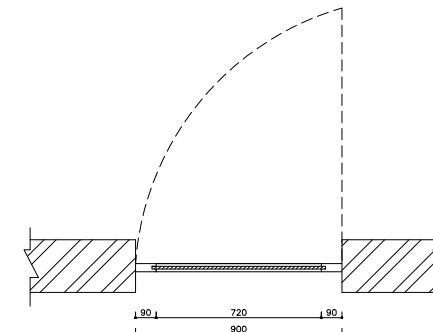
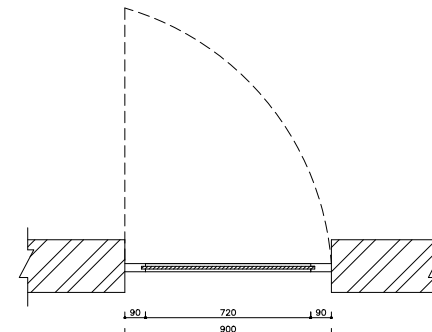
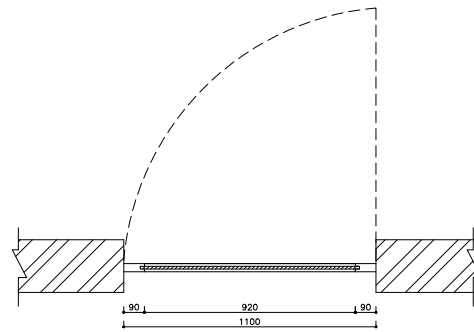
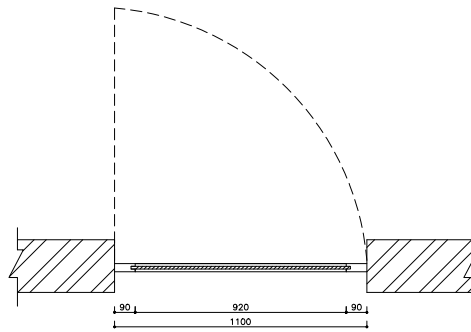
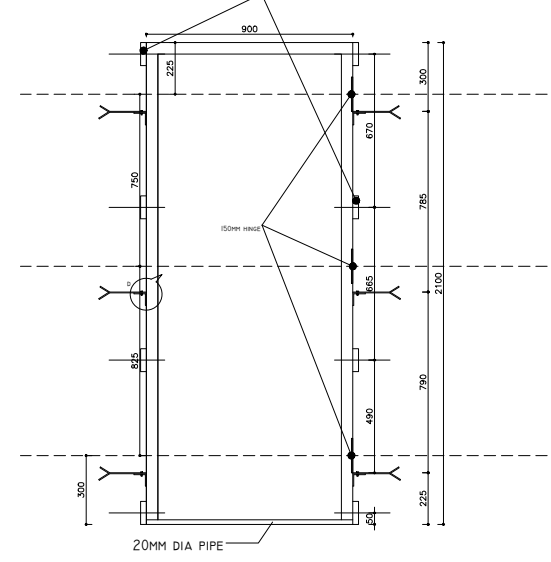
100 LONG 25x25 x3 MS ANGLE



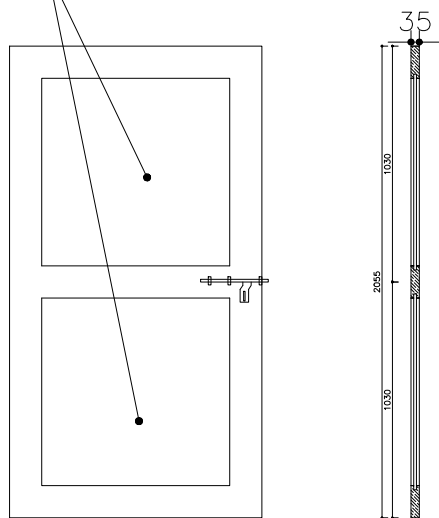
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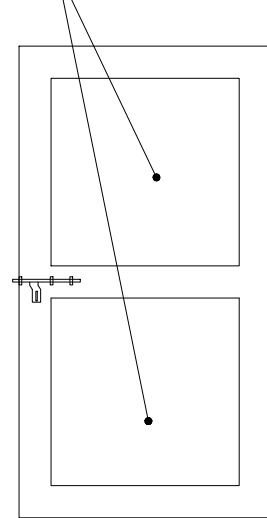
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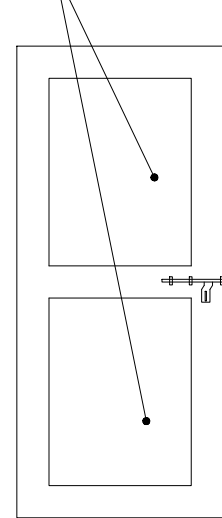
12MM THICK BWP GRADE PLYWOOD



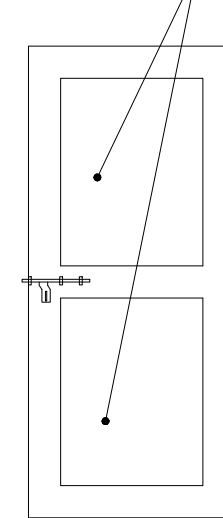
12MM THICK BWP GRADE PLYWOOD



12MM THICK BWP GRADE PLYWOOD



12MM THICK BWP GRADE PLYWOOD



NOTE:-
 1. ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED, DRAWINGS SHALL NOT BE MEASURED.
 2. ANY DESCRIENCY IF FOUND SHALL BE REPORTED TO THE SITE ENGINEER.

PROJECT:-
 SCHOOL BUILDING
 TWO ROOM
 STEEL FRAME STRUCTURE

CONSULTANT
 ALTIUS DESIGN PVT. LTD
 LALITPUR

ARCHITECTURAL DRAWINGS PROVIDED BY;
 CENTER FOR EDUCATION AND HUMAN
 RESOURCES
 DEVELOPMENT, SANOTHIMI, BHAKTAPUR

SHEET TITLE:-
 [DOOR/WINDOWS]

RECOMMENDED BY:-

APPROVED BY:-

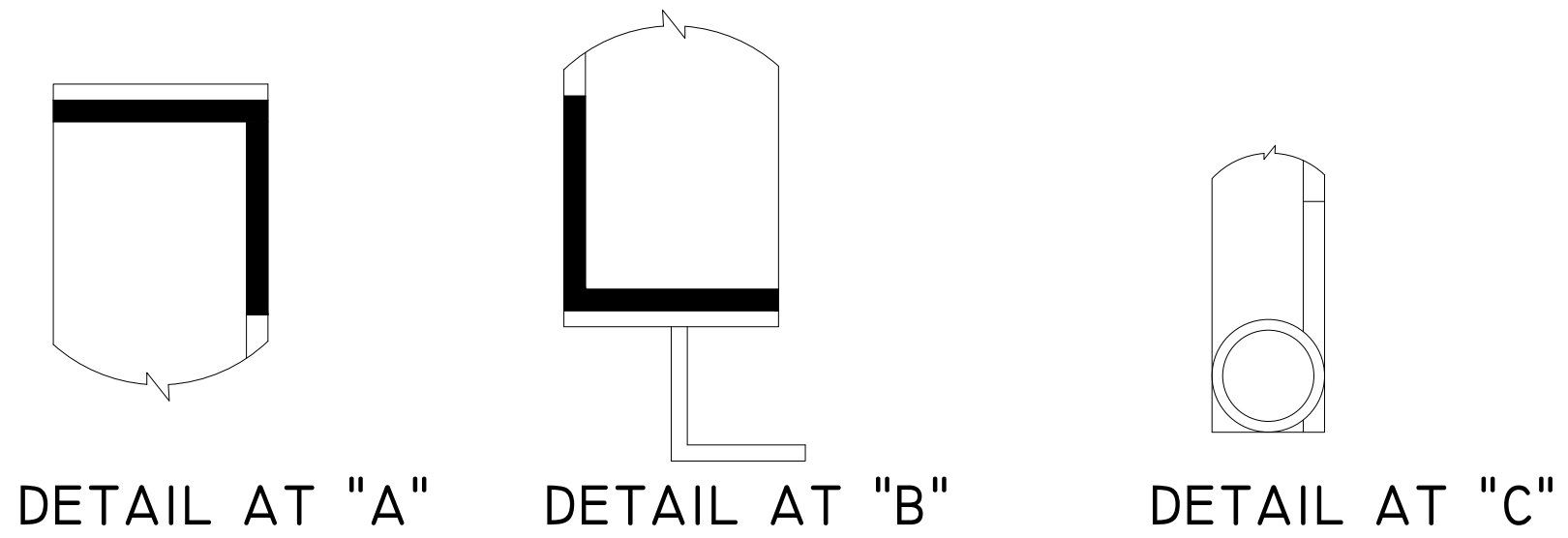
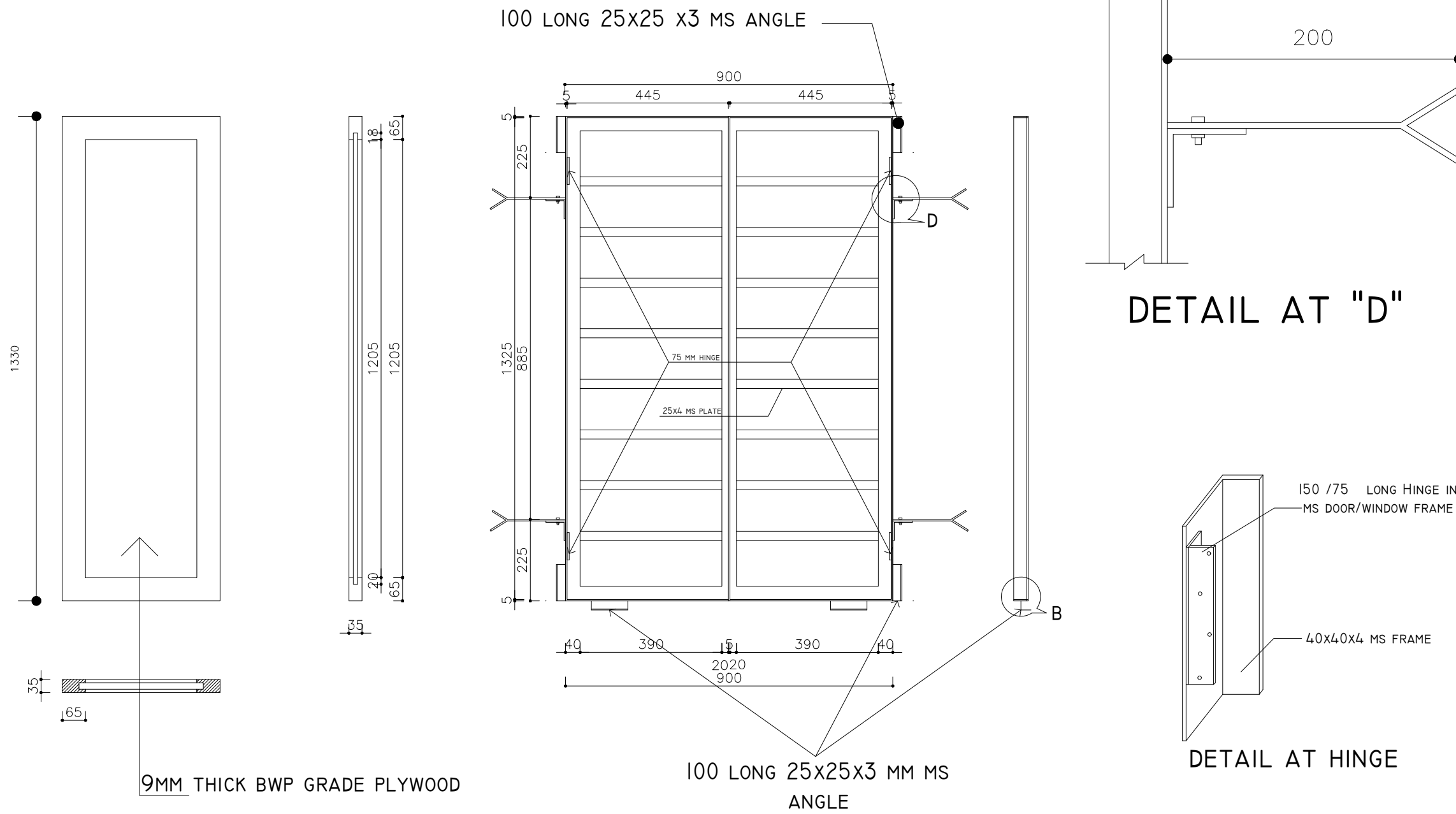
SCALE:-

DATE:- 2078

SHEET.No

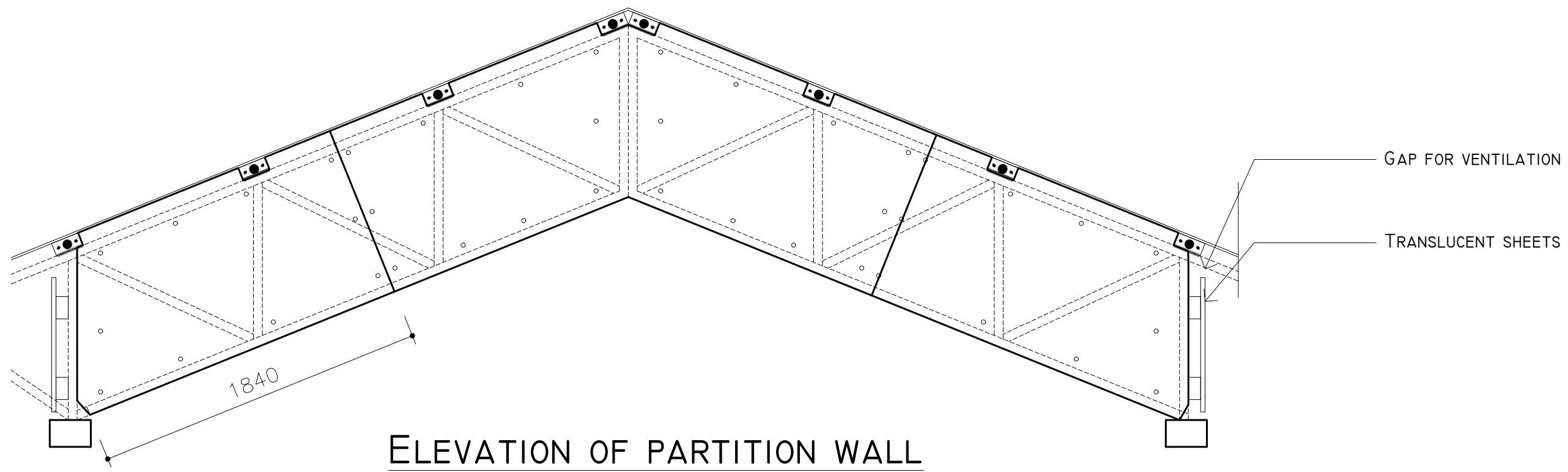
A-17

MS WINDOWS FRAME & SHUTTER

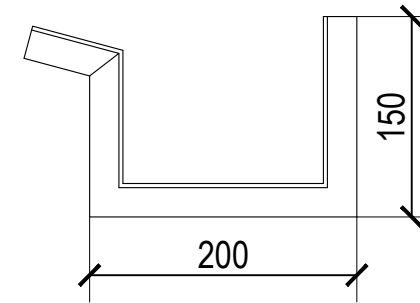
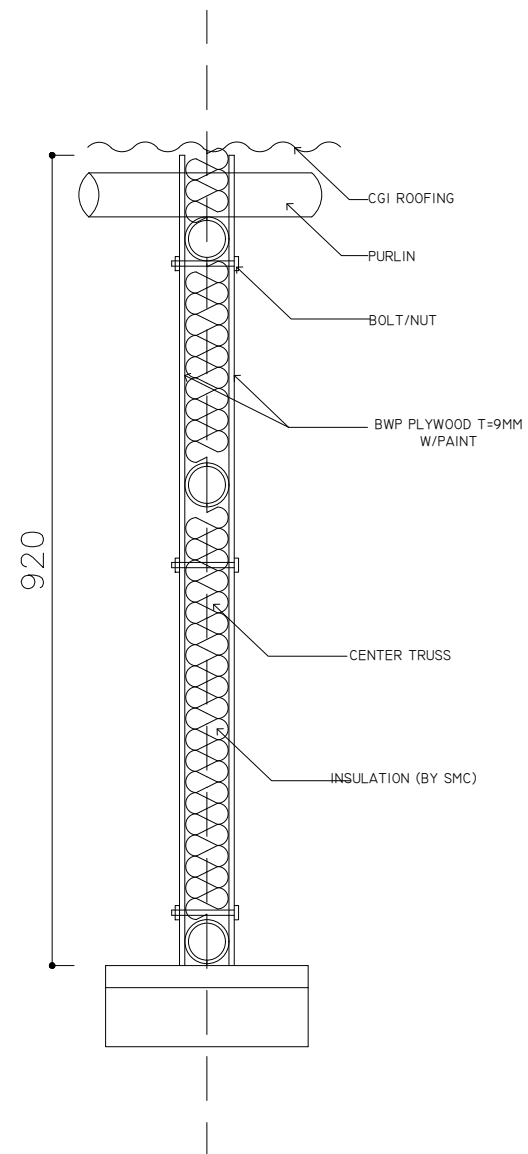


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PROJECT:- SCHOOL BUILDING TWO ROOM STEEL FRAME STRUCTURE	
CONSULTANT ALTIUS DESIGN PVT. LTD LALITPUR	
ARCHITECTURAL DRAWINGS PROVIDED BY; CENTER FOR EDUCATION AND HUMAN RESOURCES DEVELOPMENT, SANOTHIMI, BHAKTAPUR	
SHEET TITLE:- DOOR/WINDOWS	
RECOMMENDED BY:-	
APPROVED BY:-	SHEET.No
SCALE:-	DATE:- 2078
A-18	



ELEVATION OF PARTITION WALL



GUTTER DETAIL

NOTE:-
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PROJECT:-
 SCHOOL BUILDING
 TWO ROOM
 STEEL FRAME STRUCTURE

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SHEET TITLE:-
 [PARTITION WALL]

RECOMMENDED BY:-

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SCALE:- DATE:- 2078

SHEET.No
 A-19