

Government of Nepal
Ministry of Education
Department of Education
Sanothimi, Bhaktapur

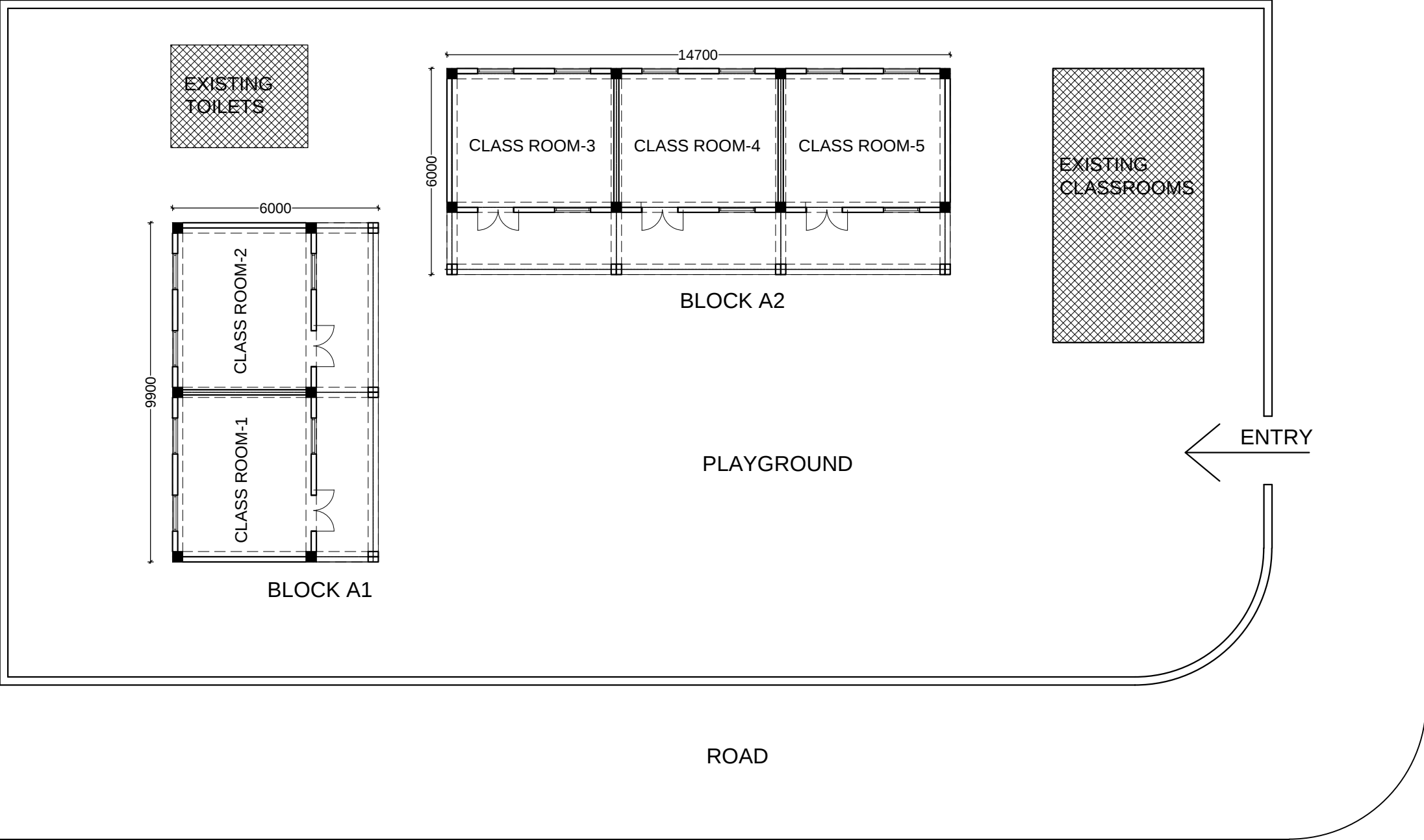
ARCHITECTURAL AND DETAILED STRUCTURAL DRAWINGS
OF

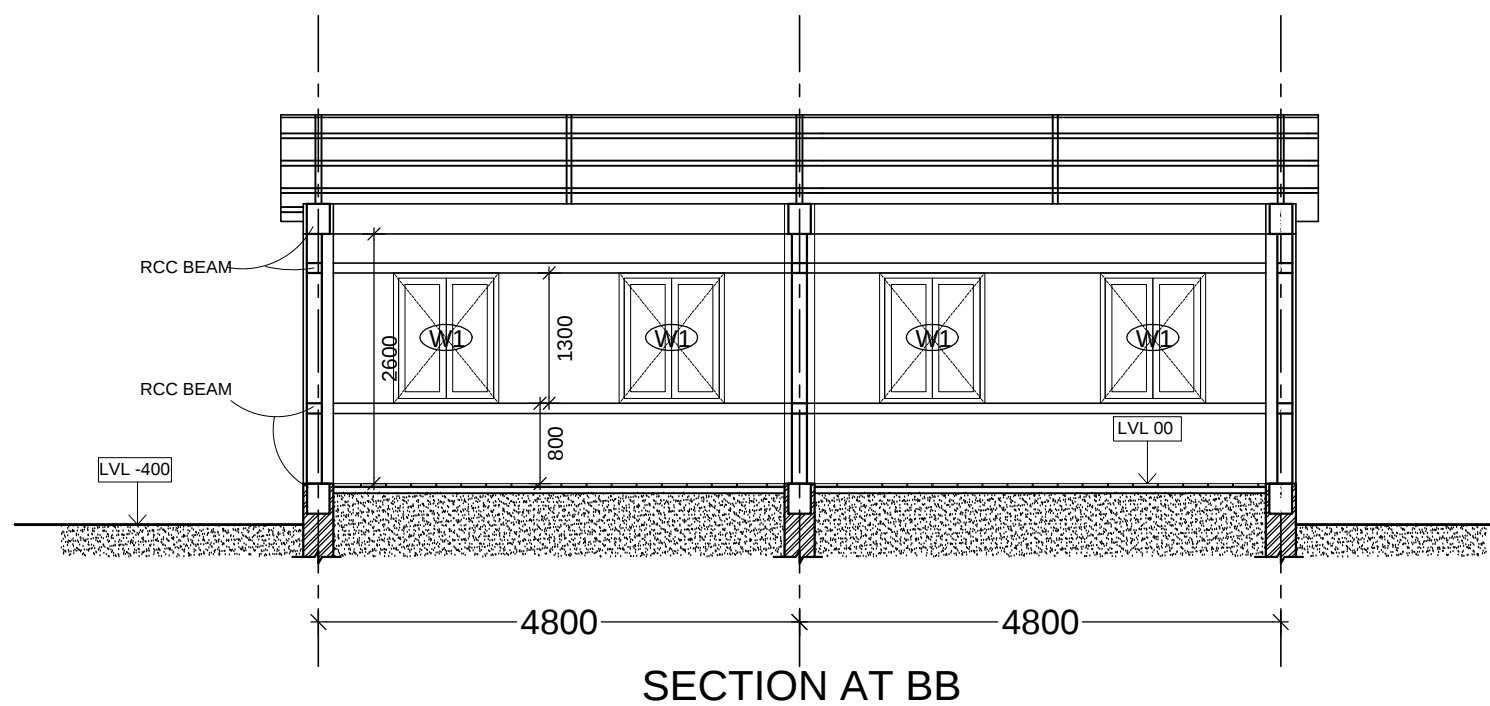
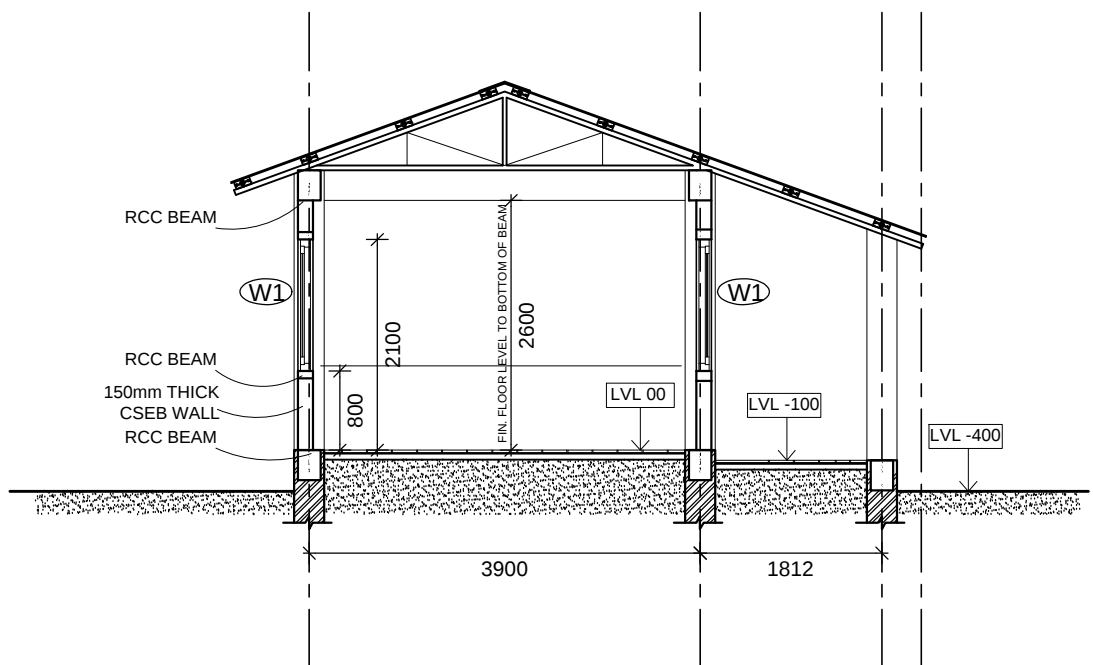
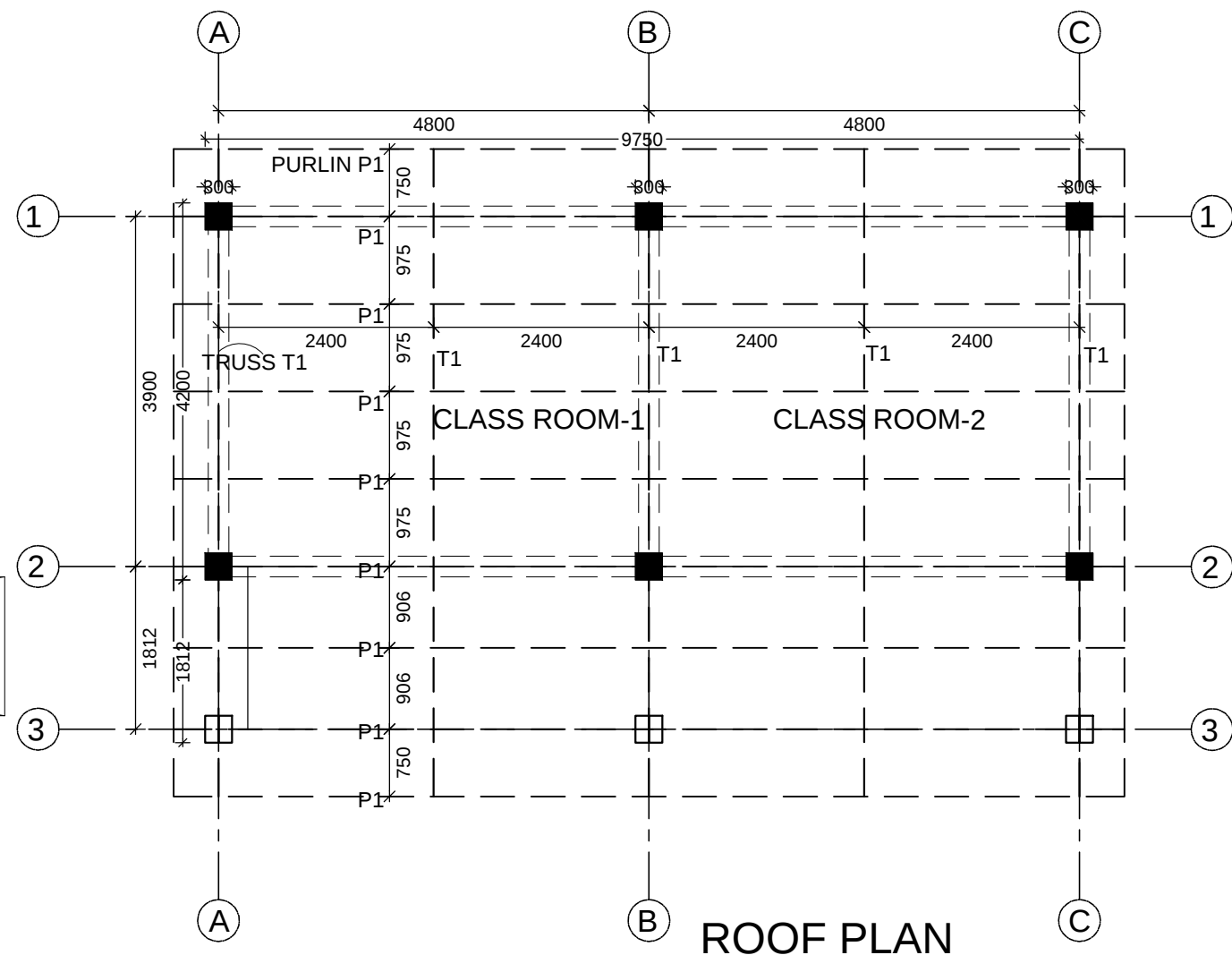
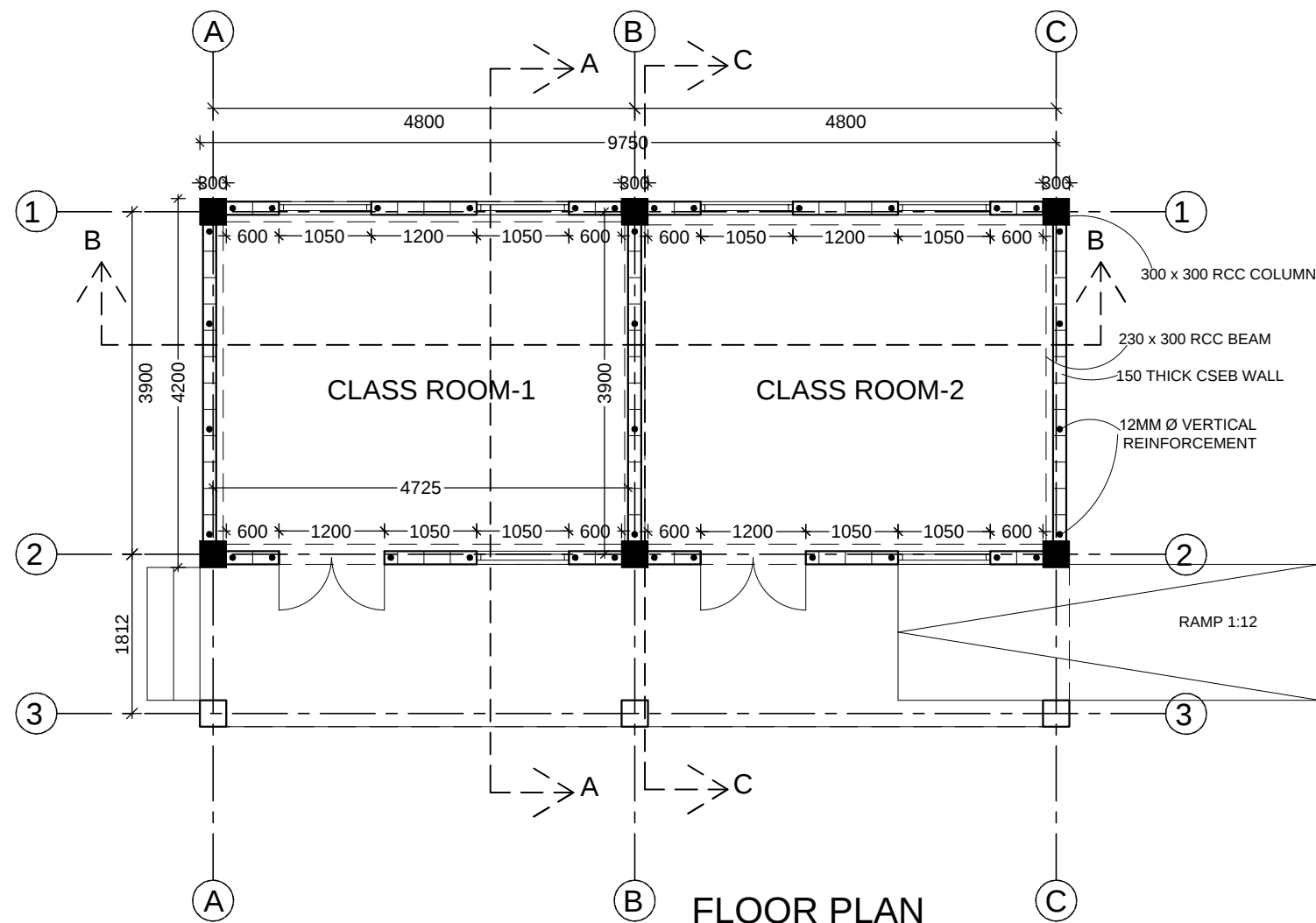
JANA KALYAN PRIMARY SCHOOL
DHUWAKOT VDC, WARD NO. 2
MULABARI, GORKHA, NEPAL

Submitted by:



BUILD UP NEPAL
THADO DHUNGA, JHAMSIKHEL
LALITPUR





NOTES:
1. ALL DIMENSIONS ARE IN MILLI METRES



BUILD UP NEPAL
THADO DHUNGA-3
JHAMSIKHEL, LALITPUR

PROJECT TITLE:
POST EARTHQUAKE SCHOOL RECONSTRUCTION PROJECT
SCHOOL NAME:
JANA KALYAN PRIMARY SCHOOL

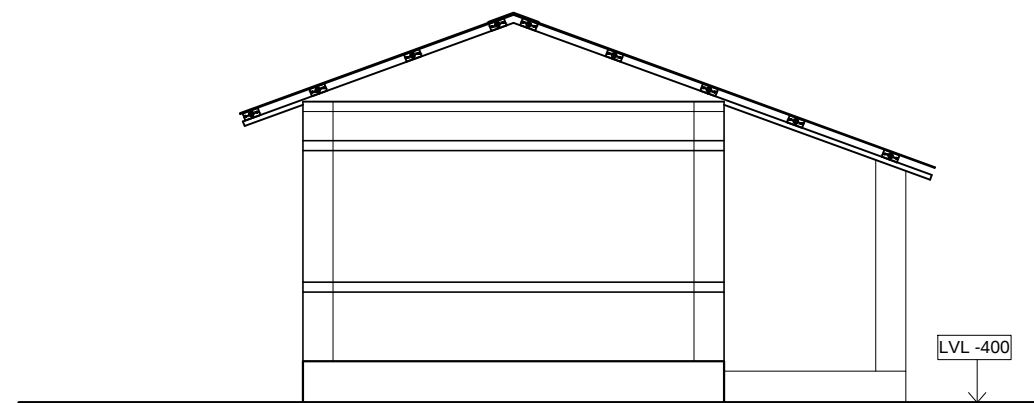
SCHOOL LOCATION:
DHUWAKOT VDC, WARD NO. 2
MULABARI, GORKHA
NEPAL

DRAWING: PLAN, ROOF PLAN
SECTIONS
DATE: 22.06.2016
SCALE: 1:75

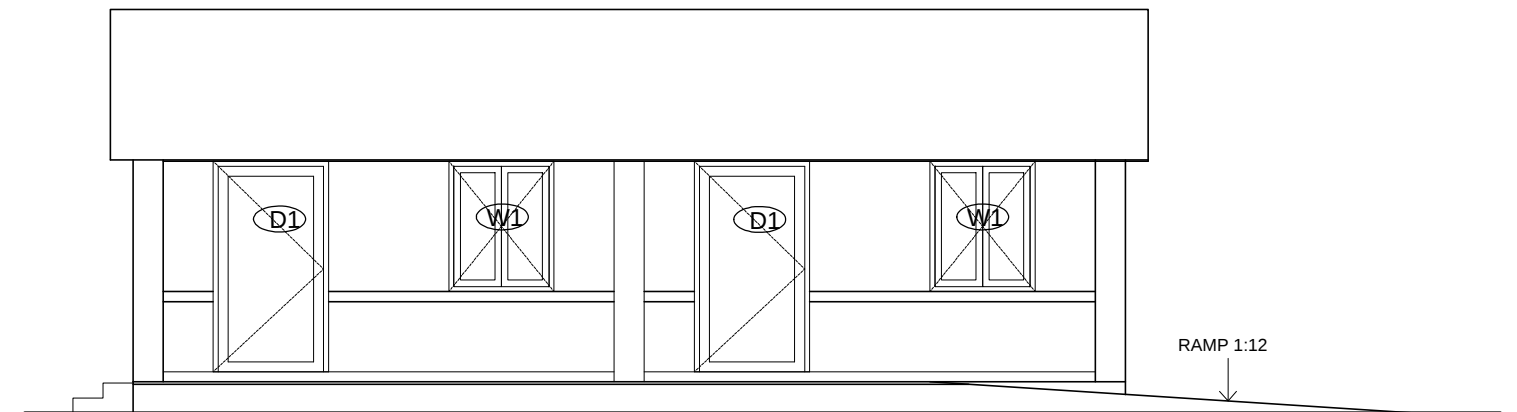
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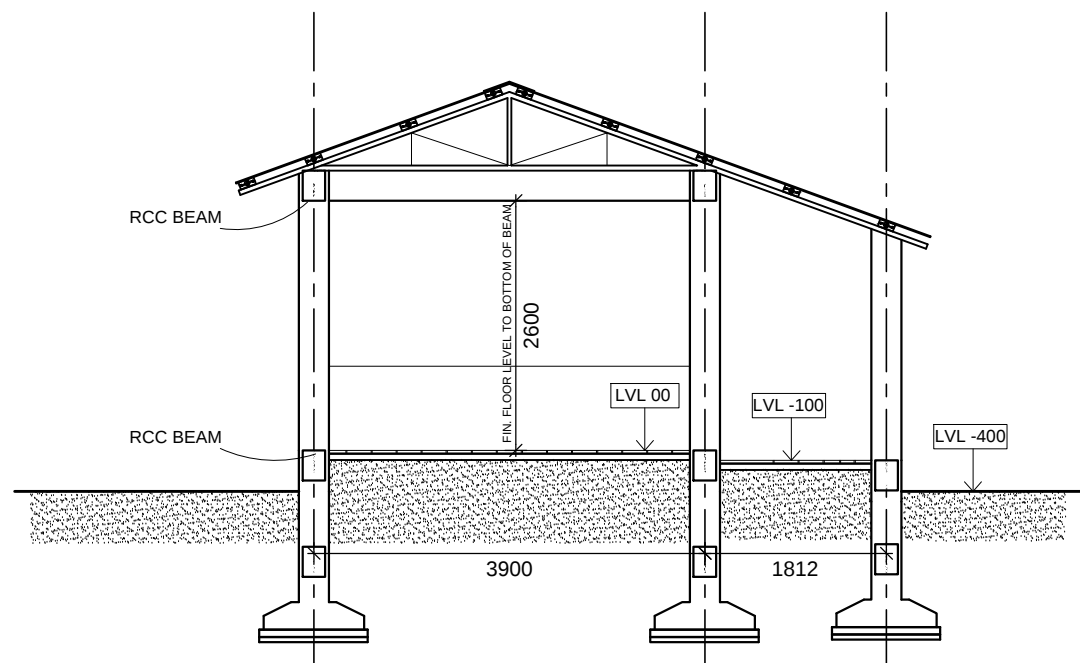
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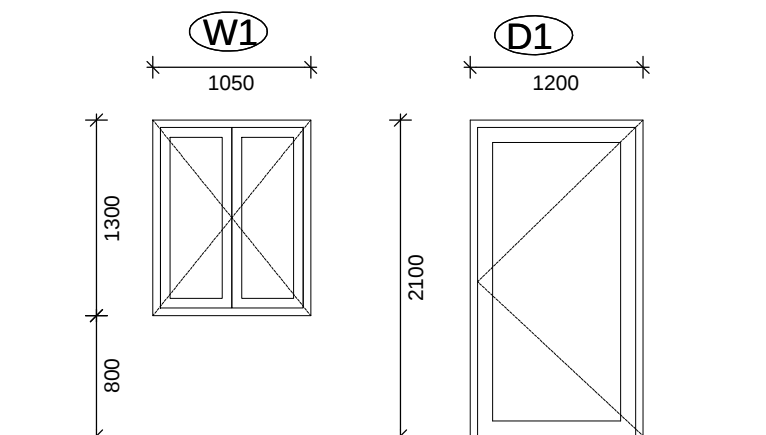
SIDE ELEVATION



FRONT ELEVATION



SECTION AT CC



DOOR/WINDOW DETAIL
SCALE 1:50

	QUANTITY
W1	6
D1	2

NOTES:

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BUILD UP NEPAL
THADO DHUNGA-3
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PROJECT TITLE:
POST EARTHQUAKE SCHOOL RECONSTRUCTION PROJECT
SCHOOL NAME:
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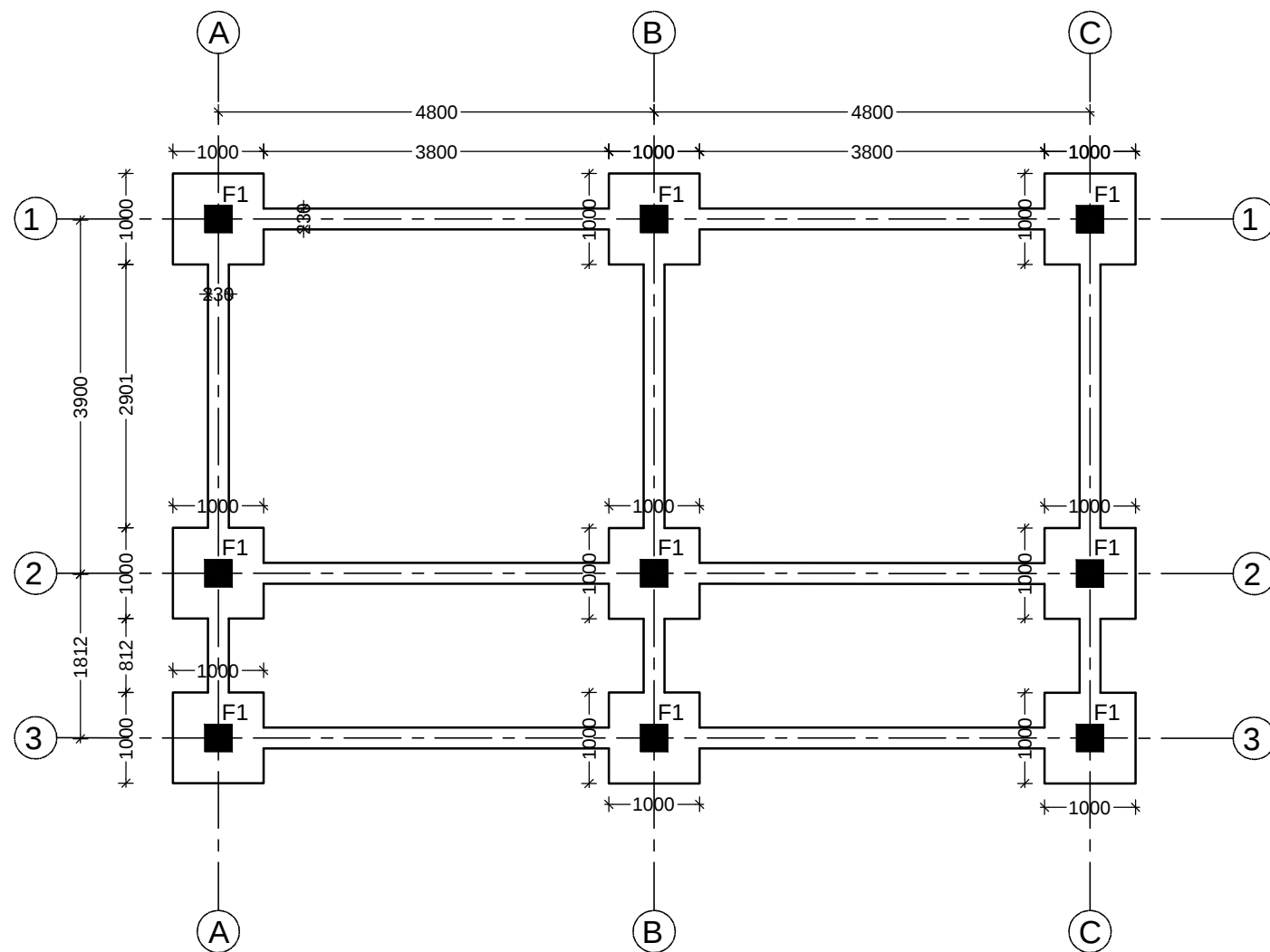
SCHOOL LOCATION:
DHUWAKOT VDC, WARD NO. 2
MULABARI, GORKHA
NEPAL

DRAWING: ELEVATIONS
SECTION
DATE: 22.06.2016
SCALE: 1:75

DWG. NO.

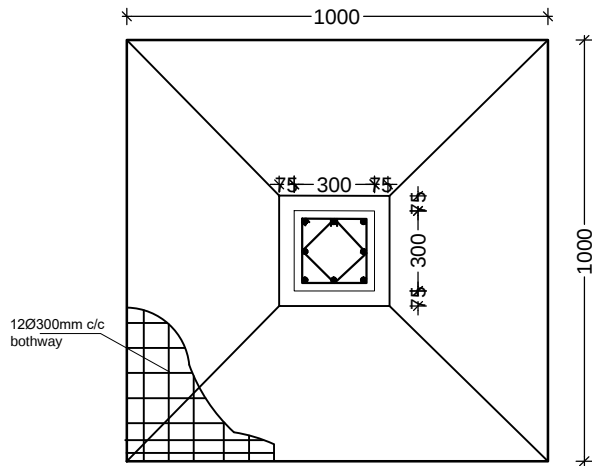
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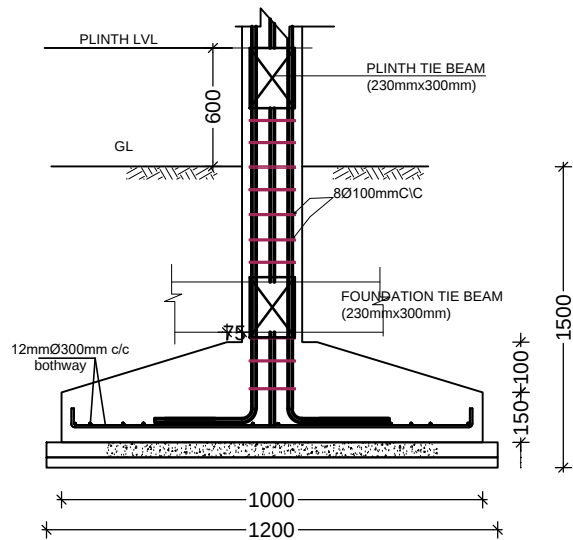


FOUNDATION TRENCH PLAN

TYPE OF FOOTING	SBC 80kN/m2			SBC 50kN/m2		
	FOOTING SIZE	Depth of footing (d)	Reinforcement	FOOTING SIZE	Depth of footing (d)	Reinforcement
F1	1.0mx1.0m	200mm	12Ø@150mm bothway	1.2mx1.2m	250mm	12Ø@150mm bothway



FOUNDATION PLAN



TYPICAL FOUNDATION DETAIL

- NOTES:
- ALL DIMENSIONS ARE IN MILLI METRES

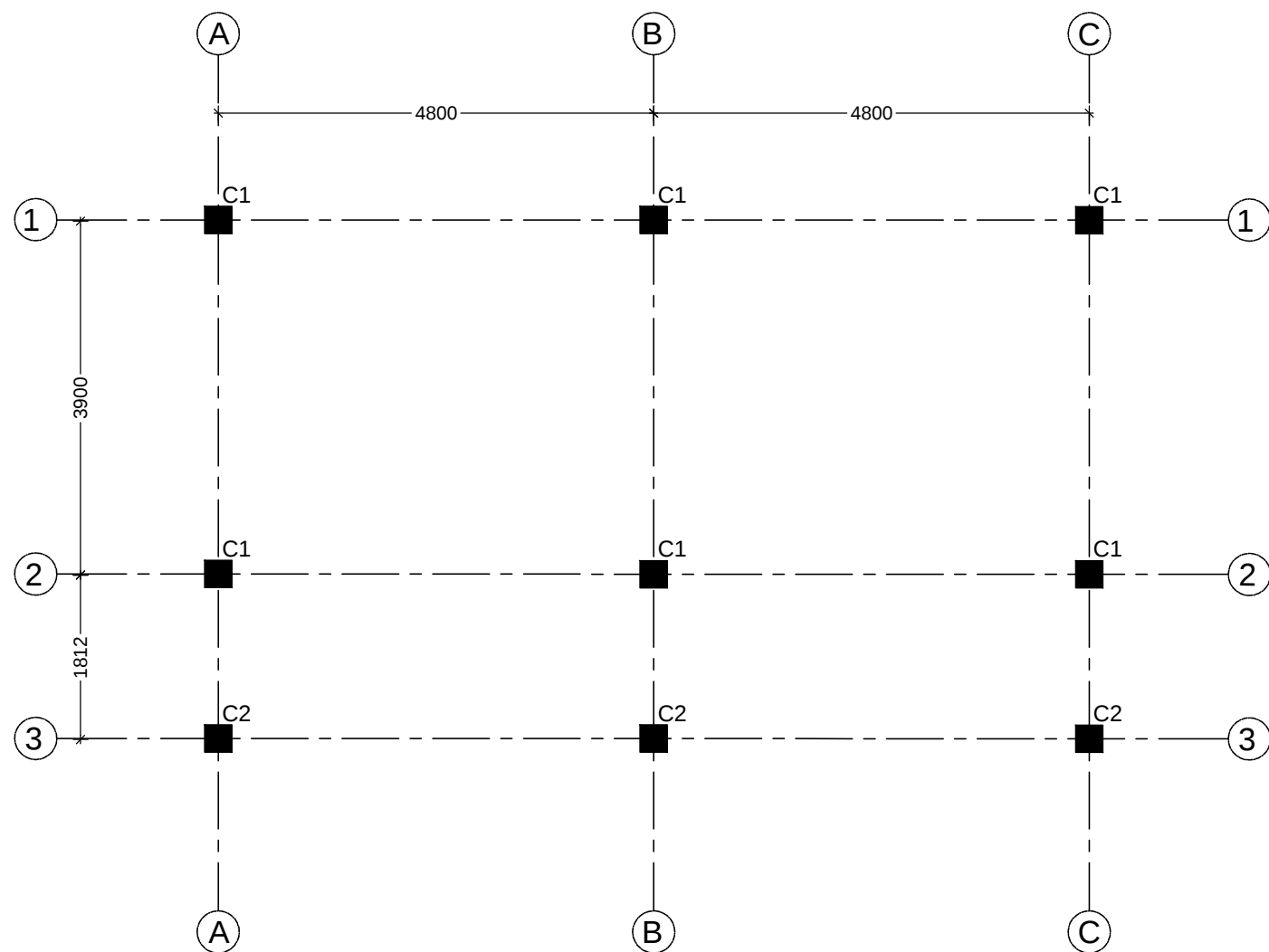
BUILD UP NEPAL
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JHAMSIKHEL, LALITPUR

PROJECT TITLE:
POST EARTHQUAKE SCHOOL RECONSTRUCTION PROJECT
SCHOOL NAME:
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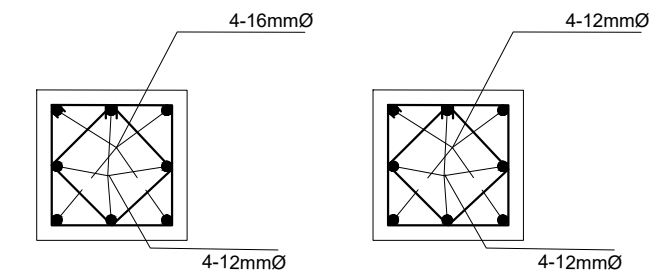
SCHOOL LOCATION:
DHUWAKOT VDC, WARD NO. 2
MULABARI, GORKHA
NEPAL

DRAWING: TRENCH PLAN
FOUNDATION DETAIL
DATE: 22.06.2016
SCALE: 1:75

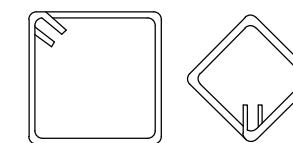
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COLUMN LAYOUT PLAN

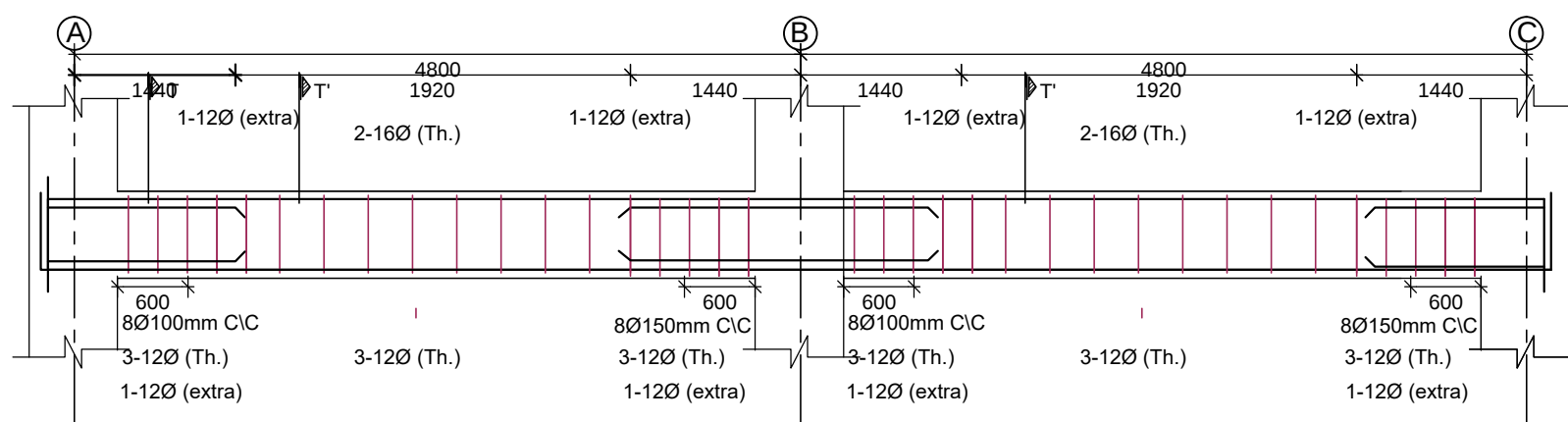


COLUMN DETAIL-C1 COLUMN DETAIL-C2

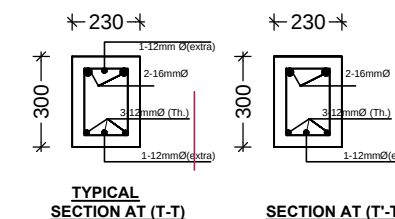


TIES

8Ø@150mm C/C (Mid ties) 100mm C/C (End ties)



TYPICAL BEAM DETAILING ALONG GRID 1-1



NOTES:

- ALL DIMENSIONS ARE IN MILLI METRES

BUILD UP NEPAL
THADO DHUNGA-3
JHAMSIKHEL, LALITPUR

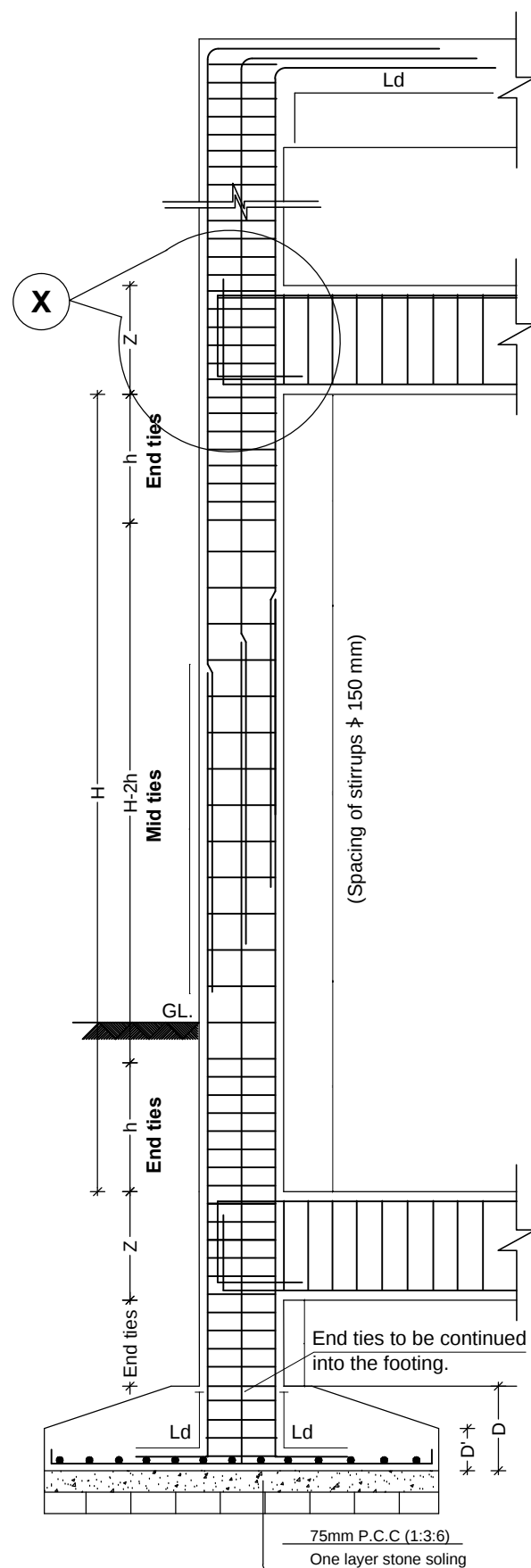
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POST EARTHQUAKE SCHOOL RECONSTRUCTION PROJECT
SCHOOL NAME:
JANA KALYAN PRIMARY SCHOOL

SCHOOL LOCATION:
DHUWAKOT VDC, WARD NO. 2
MULABARI, GORKHA
NEPAL

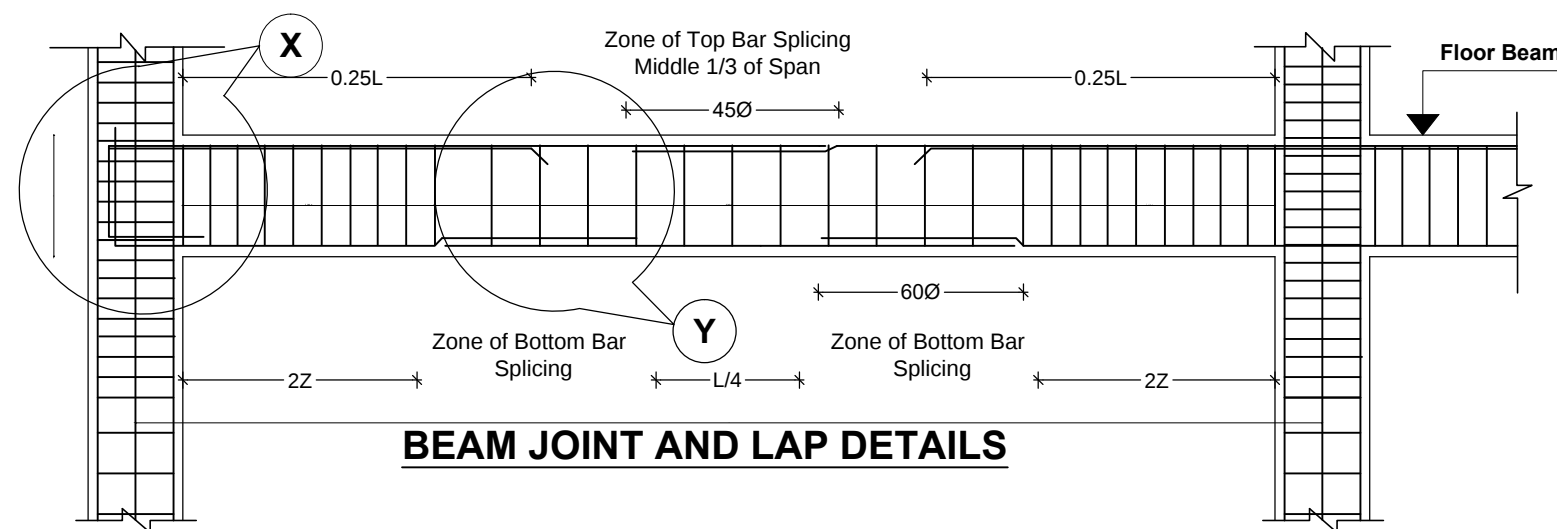
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BEAM DETAIL
DATE: 22.06.2016
SCALE: 1:75

DWG. NO.

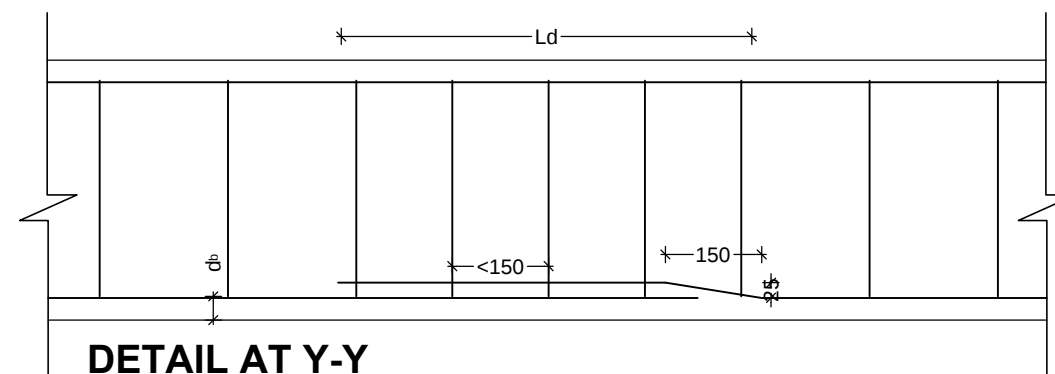
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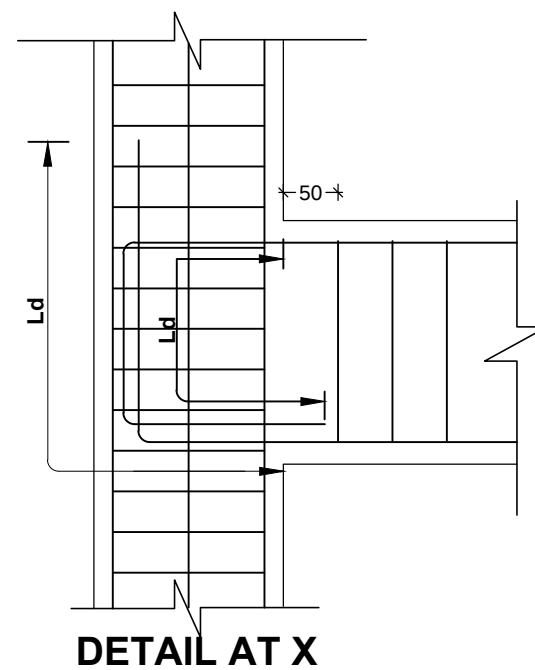
COLUMN JOINT AND LAP DETAILS



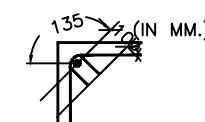
BEAM JOINT AND LAP DETAILS



DETAIL AT Y-Y



DETAIL AT X



SEISMIC HOOK DETAIL



INTERNAL RADIUS OF BEND



U-SHAPED STIRRUPS & TIES

NOTES:

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SCHOOL LOCATION:
DHUWAKOT VDC, WARD NO. 2
MULABARI, GORKHA
NEPAL

DRAWING: COLUMN AND BEAM DETAILING

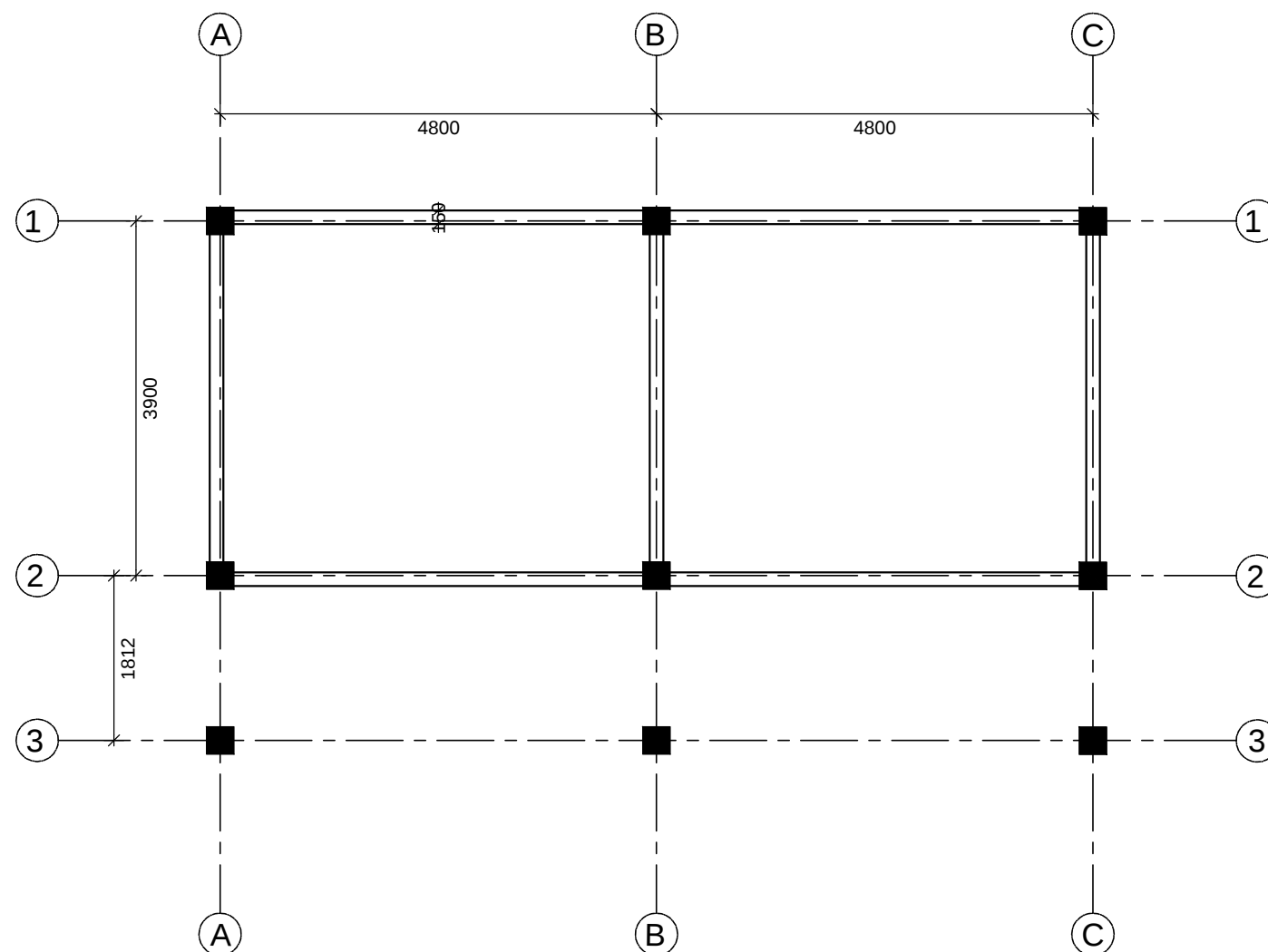
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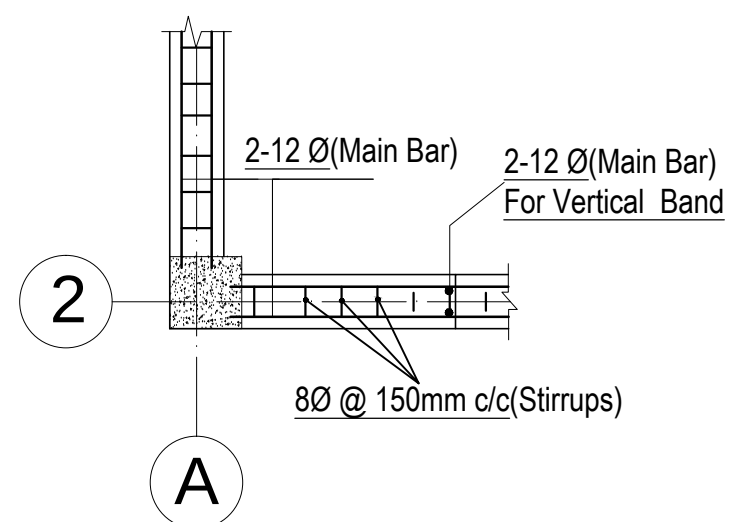
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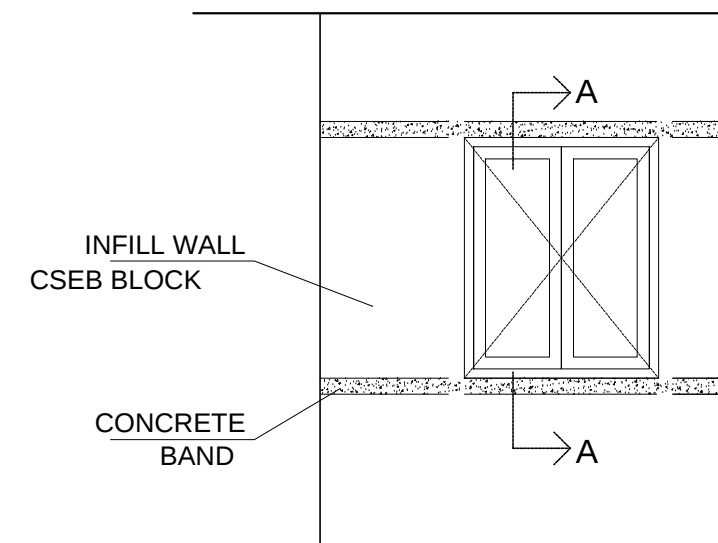
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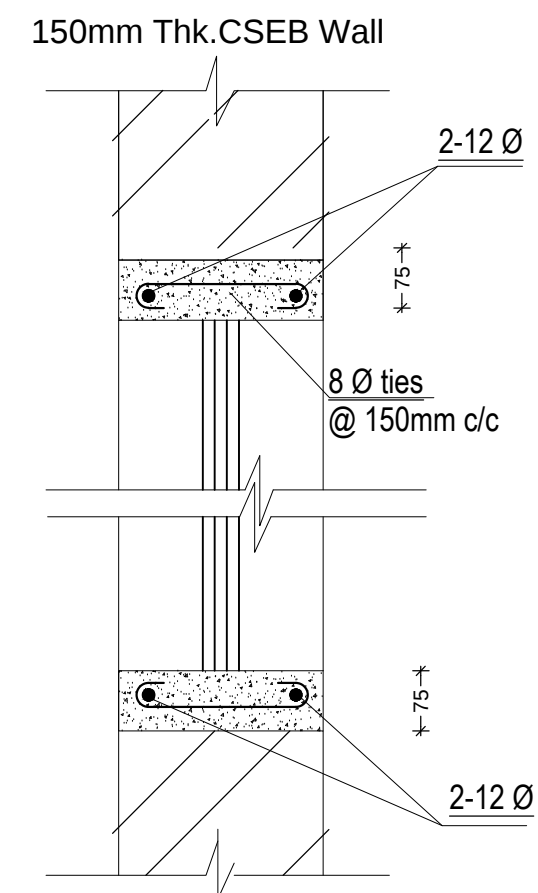
LINTEL BEAM LAYOUT



BAND DETAIL @ CORNER



CONCRETE BANDS ARE PROVIDED AT SILL
& LINTEL LEVEL HORIZONTALLY
BAND DETAILS



TYPICAL SILL AND LINTEL DETAIL
SECTION THROUGH A-A



BUILD UP NEPAL
THADO DHUNGA-3
JHAMSIKHEL, LALITPUR

PROJECT TITLE:
POST EARTHQUAKE SCHOOL RECONSTRUCTION PROJECT
SCHOOL NAME:
JANA KALYAN PRIMARY SCHOOL

SCHOOL LOCATION:
DHUWAKOT VDC, WARD NO. 2
MULABARI, GORKHA
NEPAL

DRAWING: SILL / LINTEL BEAM DETAIL

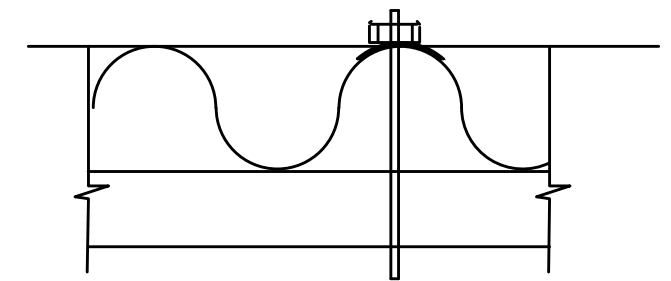
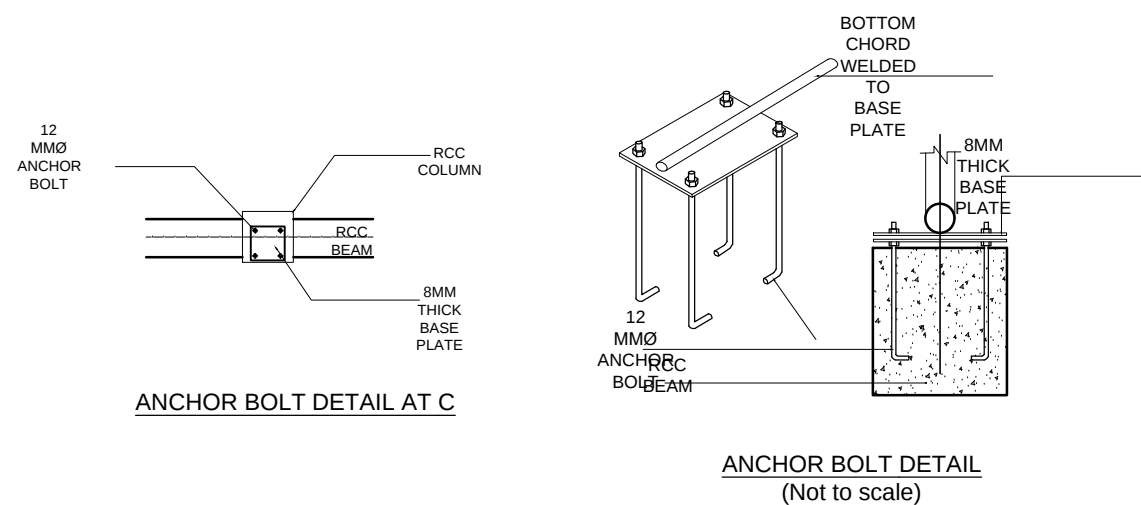
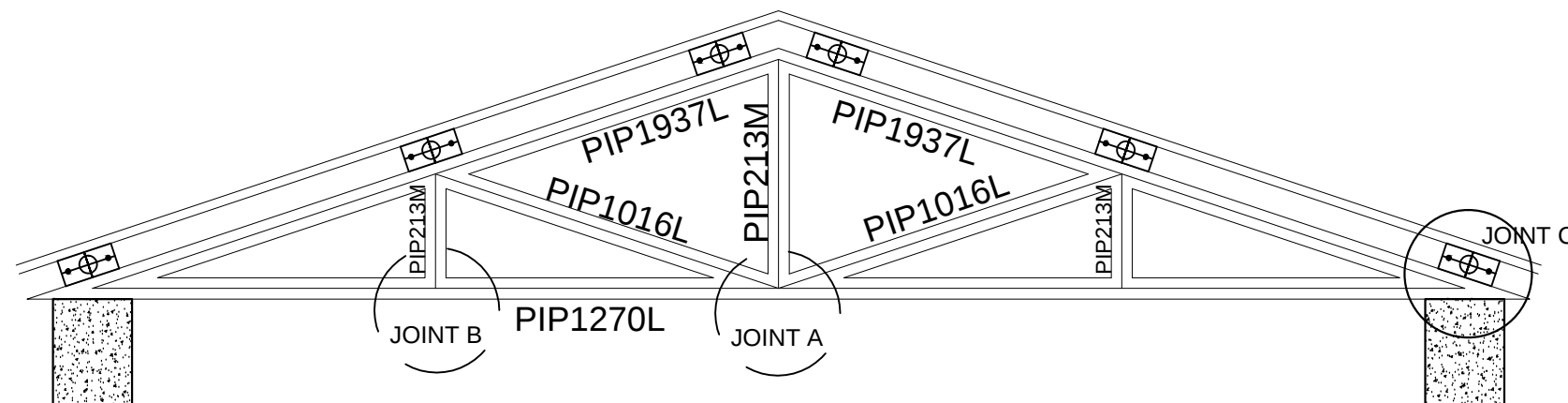
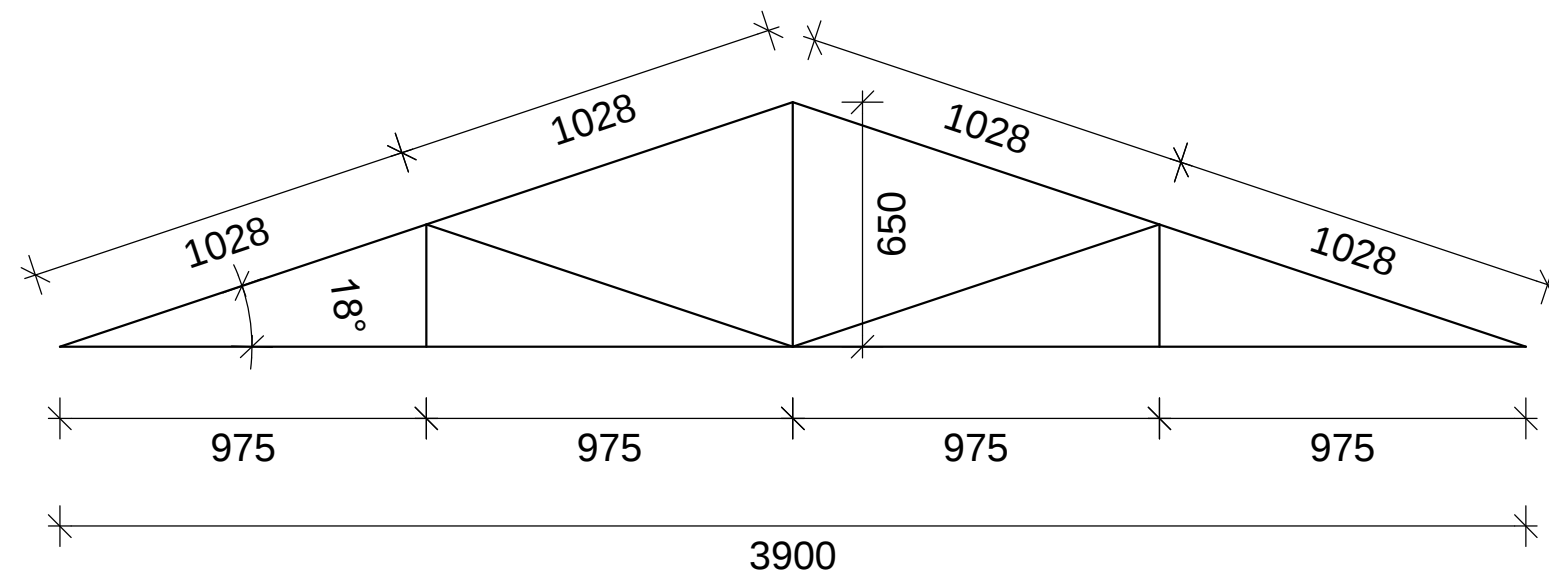
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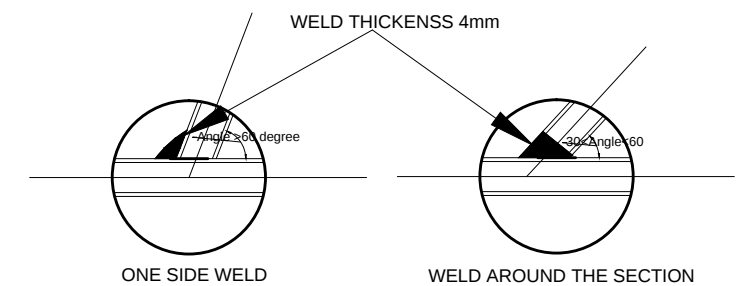
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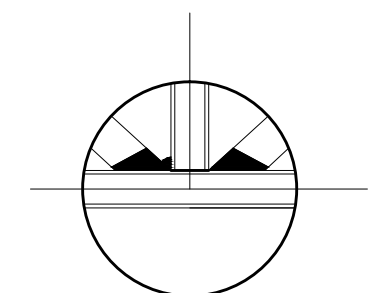
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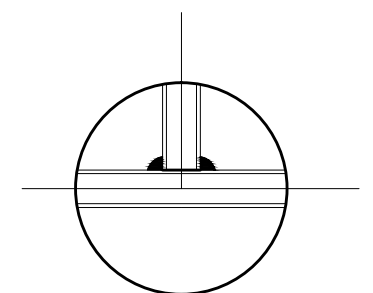
DETAIL OF FIXING J HOOK



DETAILS OF WELDED JOINTS



DETAILS OF WELDED JOINT 'A'



DETAILS OF WELDED JOINT 'B'



BUILD UP NEPAL
THADO DHUNGA-3
JHAMSIKHEL, LALITPUR

PROJECT TITLE:
POST EARTHQUAKE SCHOOL RECONSTRUCTION PROJECT
SCHOOL NAME:
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SCHOOL LOCATION:
DHUWAKOT VDC, WARD NO. 2
MULABARI, GORKHA
NEPAL

DRAWING: ROOF TRUSS DETAIL

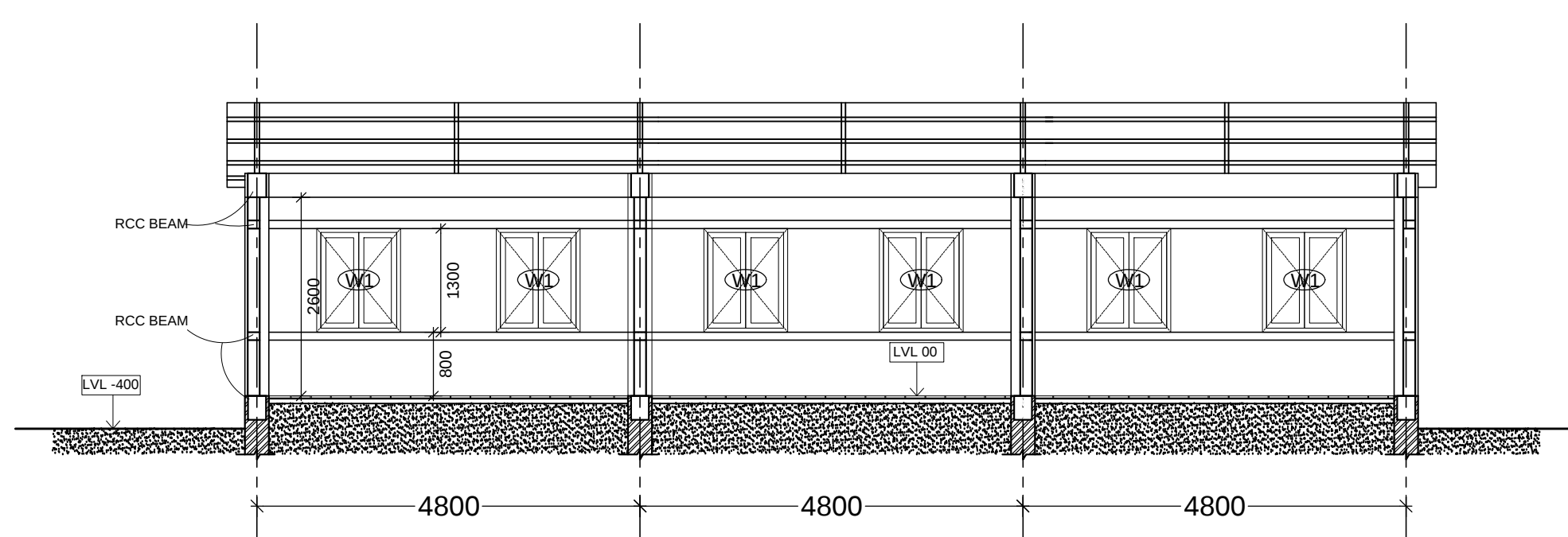
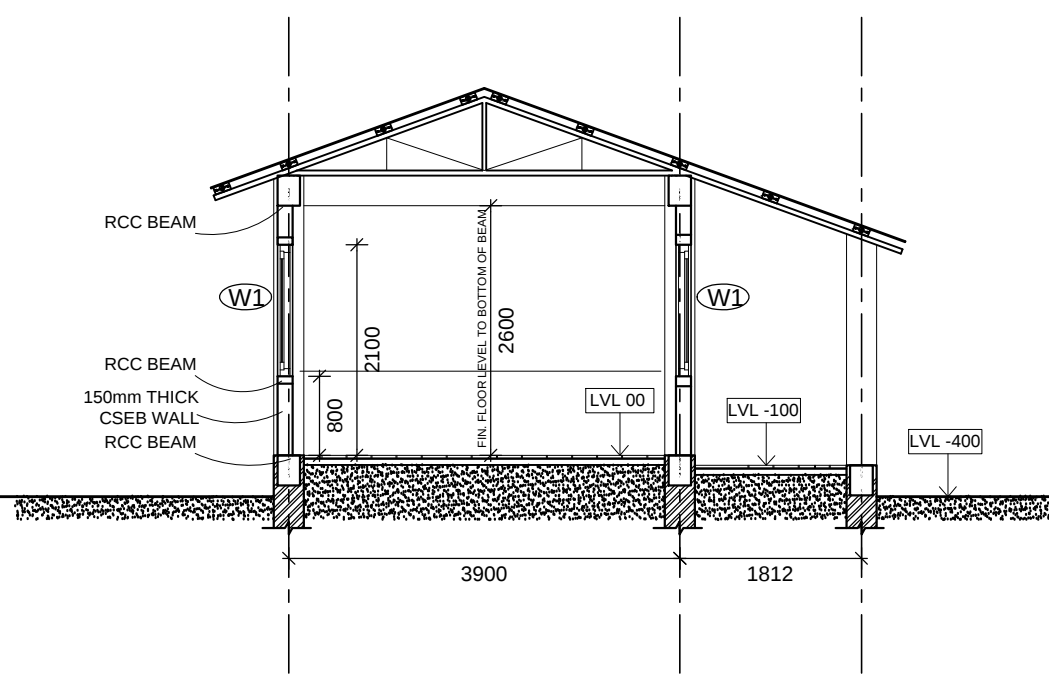
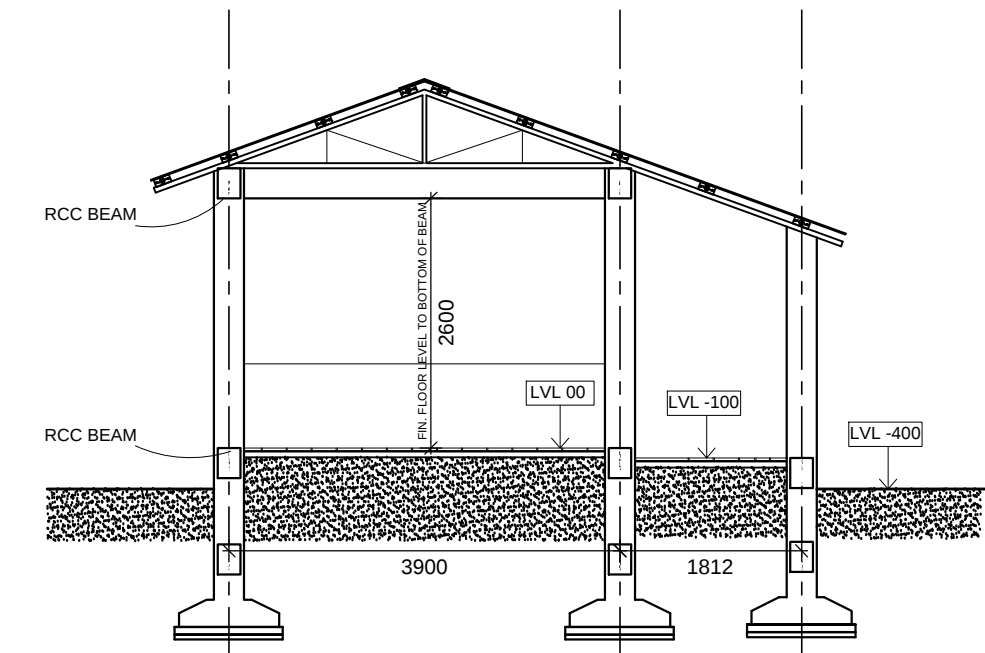
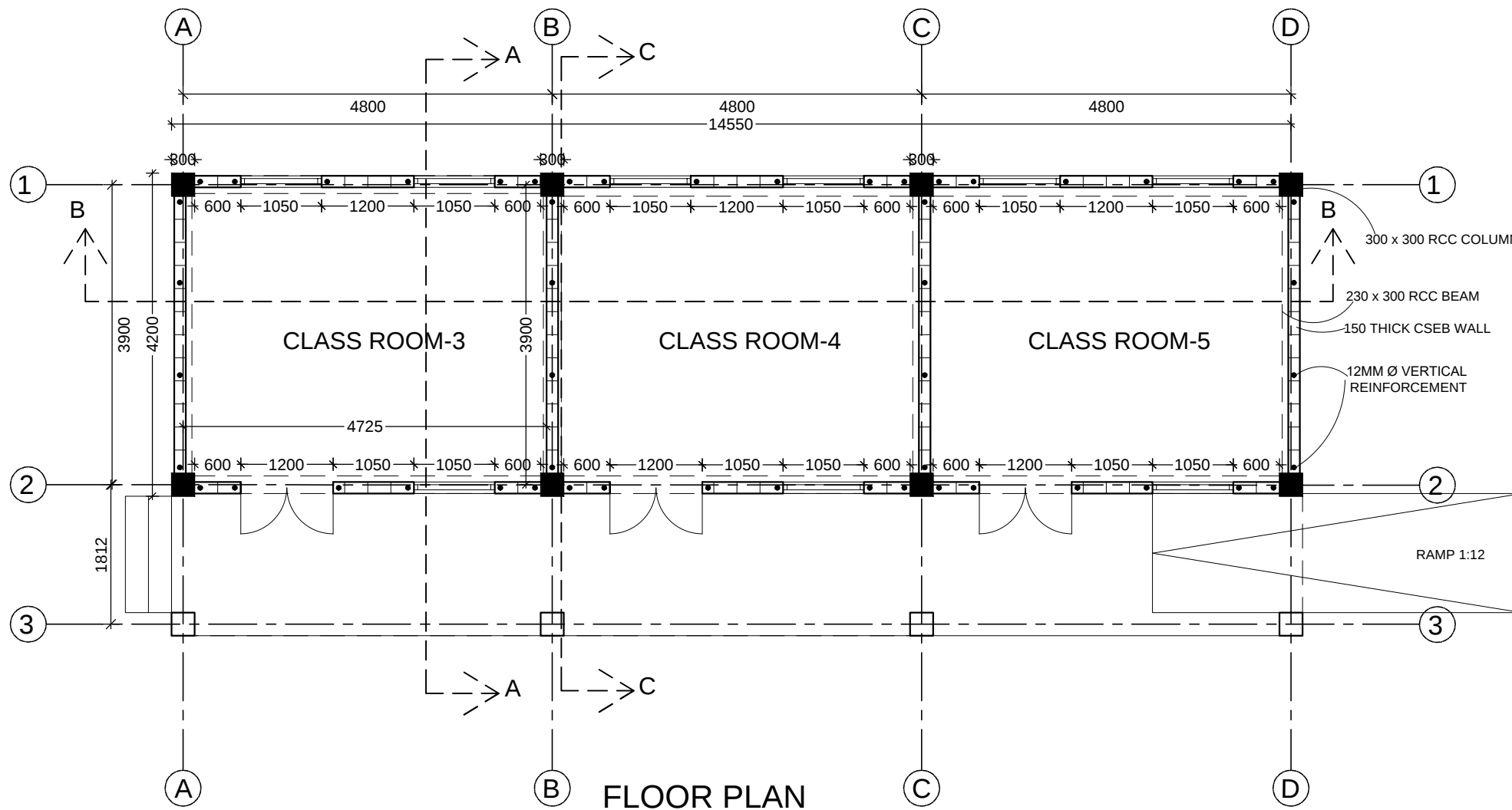
DATE: 22.06.2016

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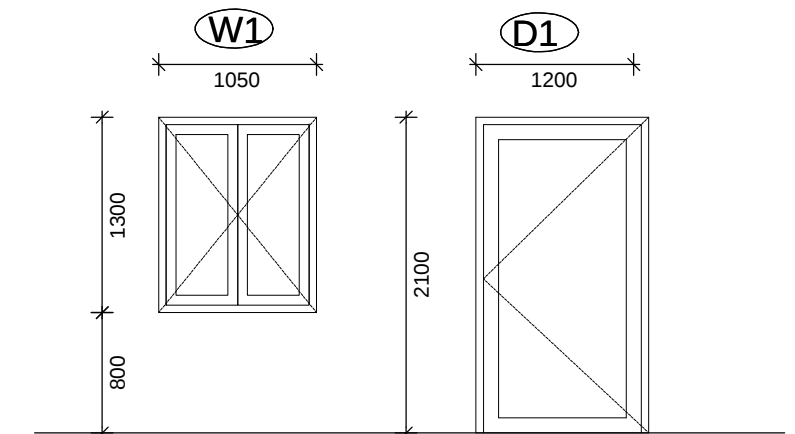
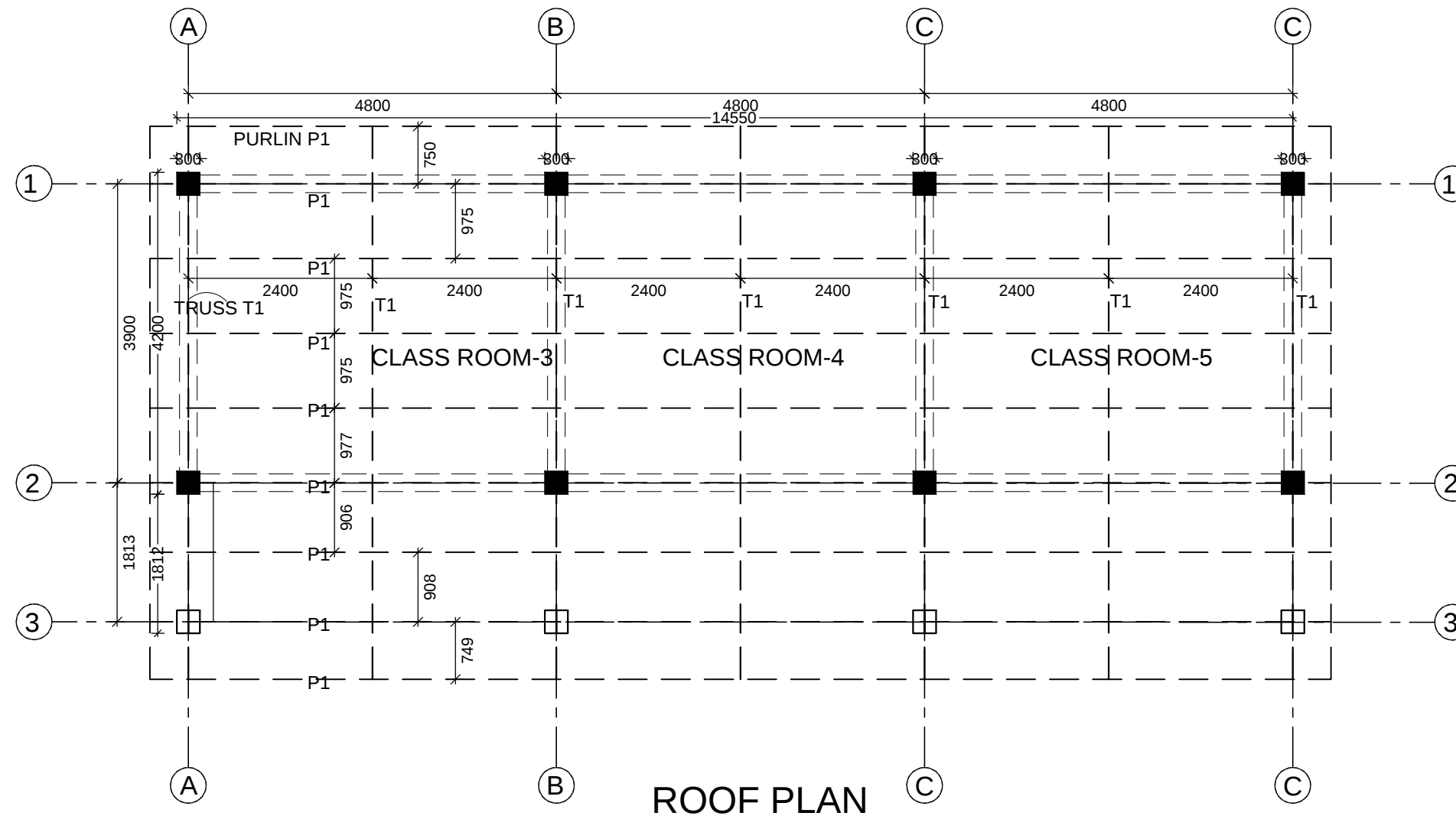
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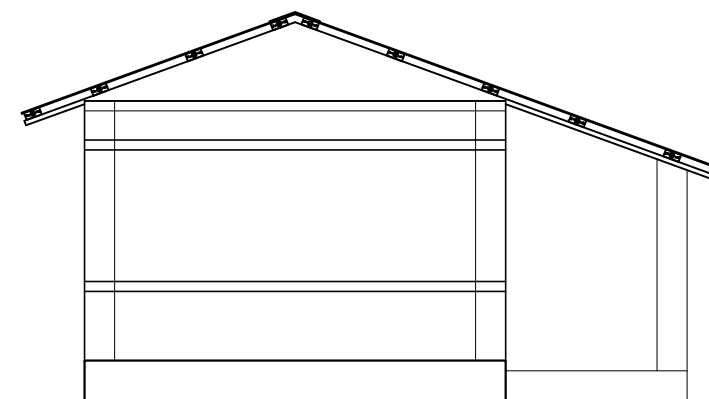
NOTES:
1. ALL DIMENSIONS ARE IN MILLI METRES

 BUILD UP NEPAL THADO DHUNGA-3 JHAMSIKHEL, LALITPUR	PROJECT TITLE: POST EARTHQUAKE SCHOOL RECONSTRUCTION PROJECT SCHOOL NAME: JANA KALYAN PRIMARY SCHOOL	SCHOOL LOCATION: DHUWAKOT VDC, WARD NO. 2 MULABARI, GORKHA NEPAL	DRAWING: PLAN SECTIONS DATE: 22.06.2016 SCALE: 1:75	DWG. NO. 001 A2
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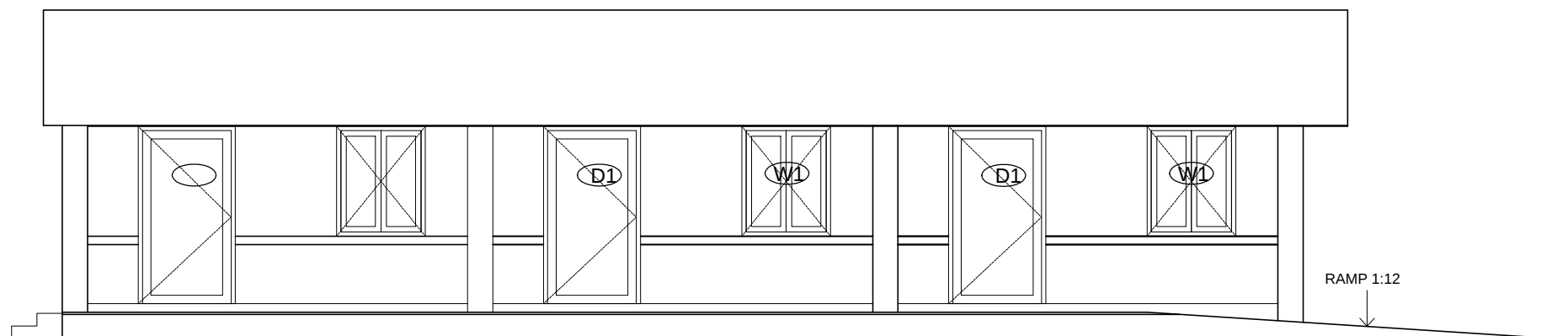


DOOR/WINDOW DETAIL
SCALE 1:50

	QUANTITY
W1	9
D1	3



SIDE ELEVATION



FRONT ELEVATION

NOTES:

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BUILD UP NEPAL
THADO DHUNGA-3
JHAMSIKHEL, LALITPUR

PROJECT TITLE:
POST EARTHQUAKE SCHOOL RECONSTRUCTION PROJECT
SCHOOL NAME:
JANA KALYAN PRIMARY SCHOOL

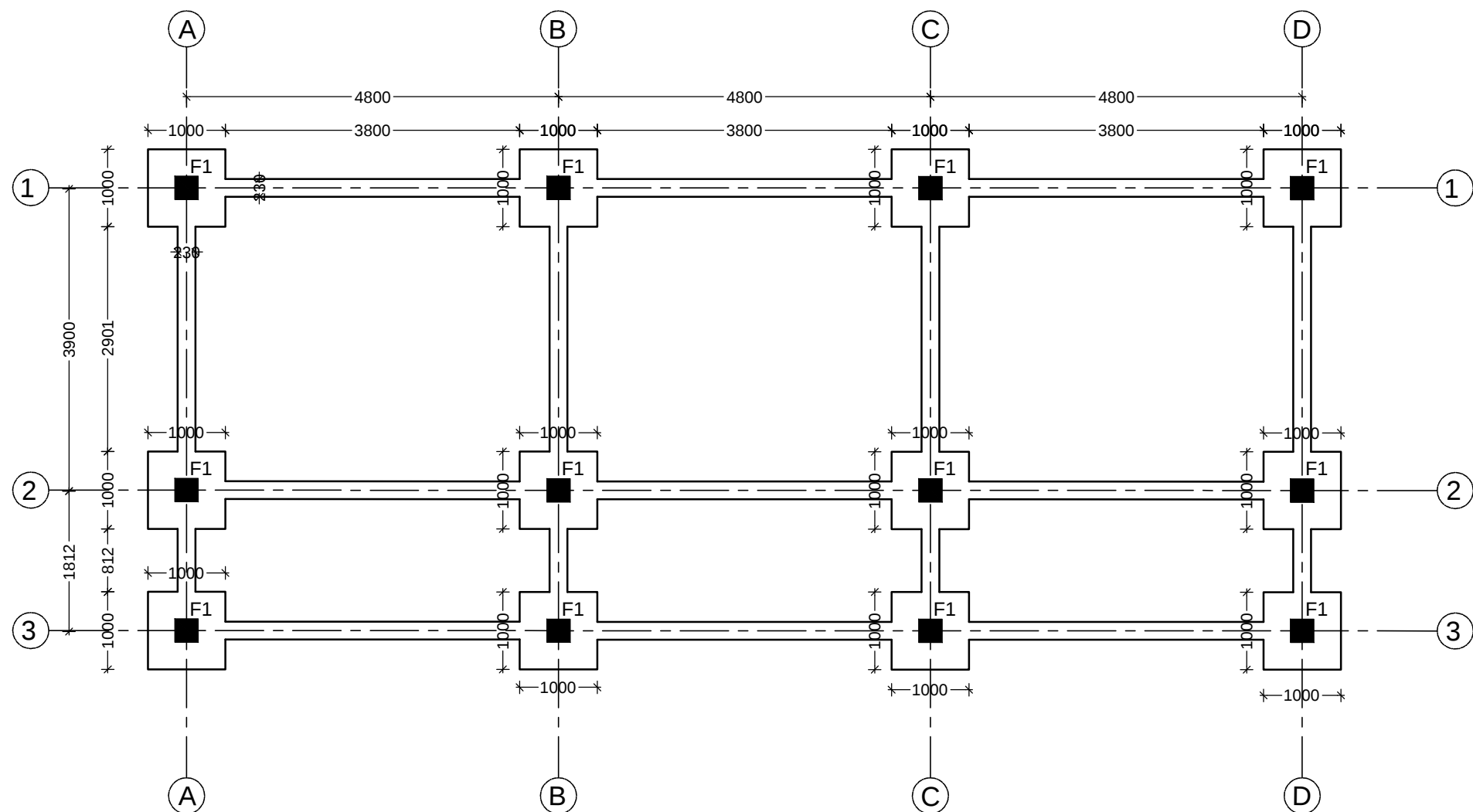
SCHOOL LOCATION:
DHUWAKOT VDC, WARD NO. 2
MULABARI, GORKHA
NEPAL

DRAWING: ROOF PLAN
ELEVATIONS
DATE: 22.06.2016
SCALE: 1:75

DWG. NO.

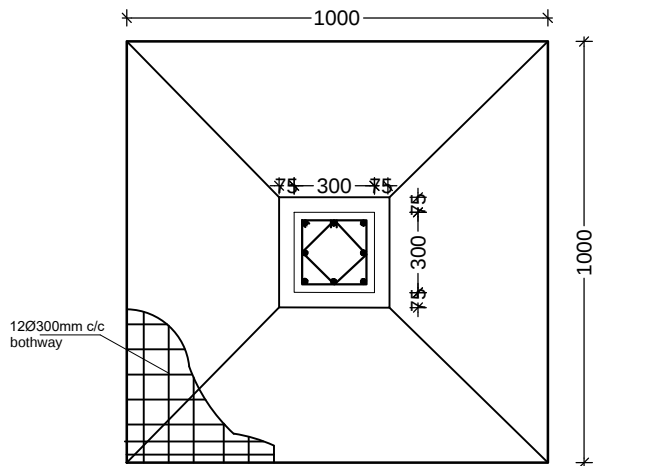
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A2

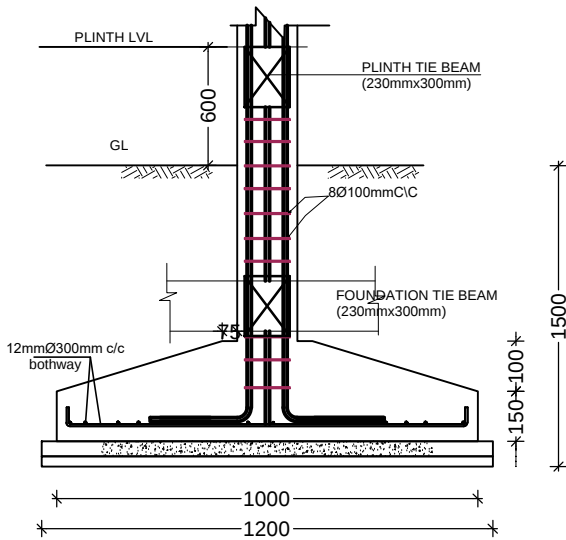


FOUNDATION TRENCH PLAN

TYPE OF FOOTING	SBC 80kN/m2			SBC 50kN/m2		
	FOOTING SIZE	Depth of footing (d)	Reinforcement	FOOTING SIZE	Depth of footing (d)	Reinforcement
F1	1.0mx1.0m	200mm	12Ø@150mm bothway	1.2mx1.2m	250mm	12Ø@150mm bothway



FOUNDATION PLAN



TYPICAL FOUNDATION DETAIL

- NOTES:**
- ALL DIMENSIONS ARE IN MILLI METRES

..Logo.PNG

BUILD UP NEPAL
THADO DHUNGA-3
JHAMSIKHEL, LALITPUR

PROJECT TITLE:
POST EARTHQUAKE SCHOOL RECONSTRUCTION PROJECT

SCHOOL NAME:
JANA KALYAN PRIMARY SCHOOL

SCHOOL LOCATION:
DHUWAKOT VDC, WARD NO. 2
MULABARI, GORKHA
NEPAL

DRAWING: TRENCH PLAN
FOUNDATION DETAIL

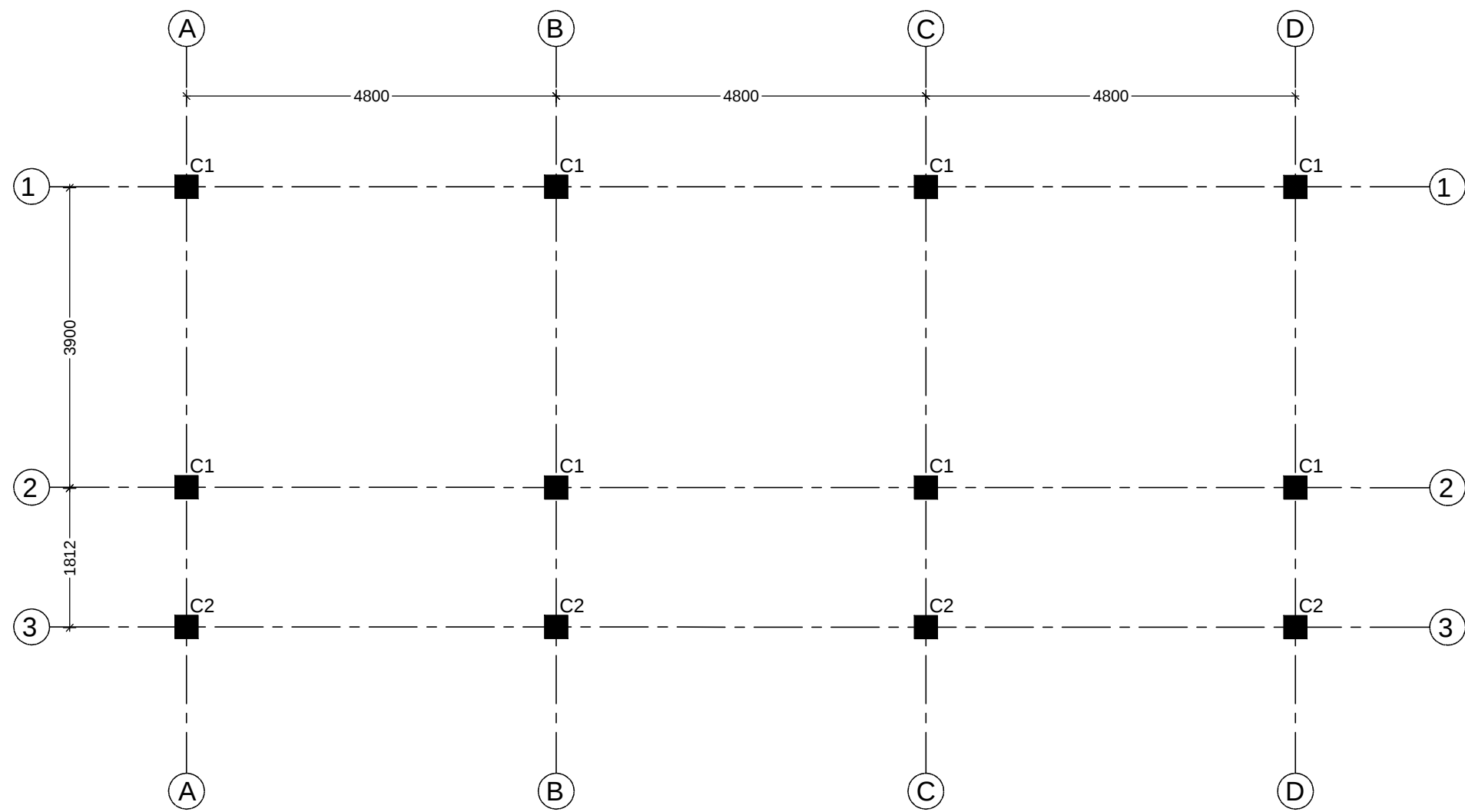
DATE: 22.06.2016

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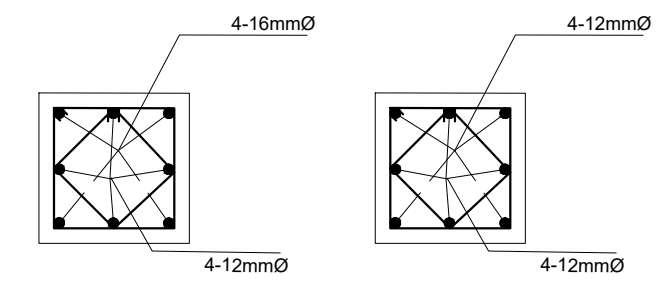
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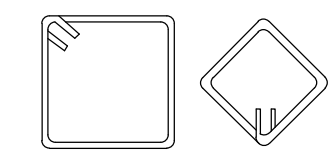
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COLUMN LAYOUT PLAN

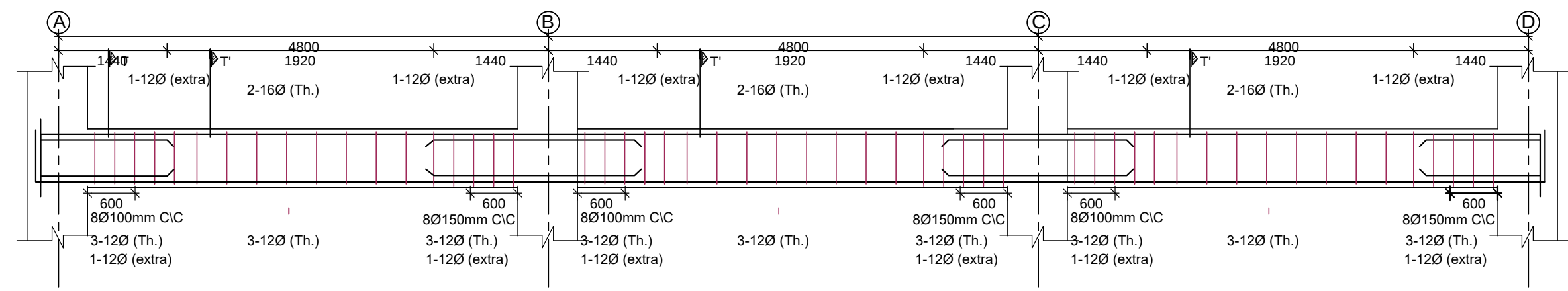


COLUMN DETAIL-C1 COLUMN DETAIL-C2

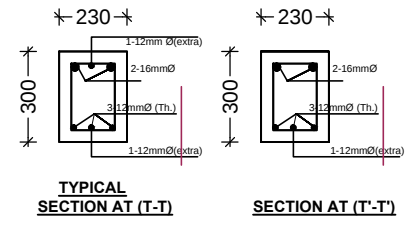


TIES

8Ø@150mm C/C (Mid ties) 100mm C/C (End ties)



TYPICAL BEAM DETAILING ALONG GRID 1-1



NOTES:

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SCHOOL LOCATION:
DHUWAKOT VDC, WARD NO. 2
MULABARI, GORKHA
NEPAL

DRAWING: COLUMN LAYOUT PLAN
BEAM DETAIL

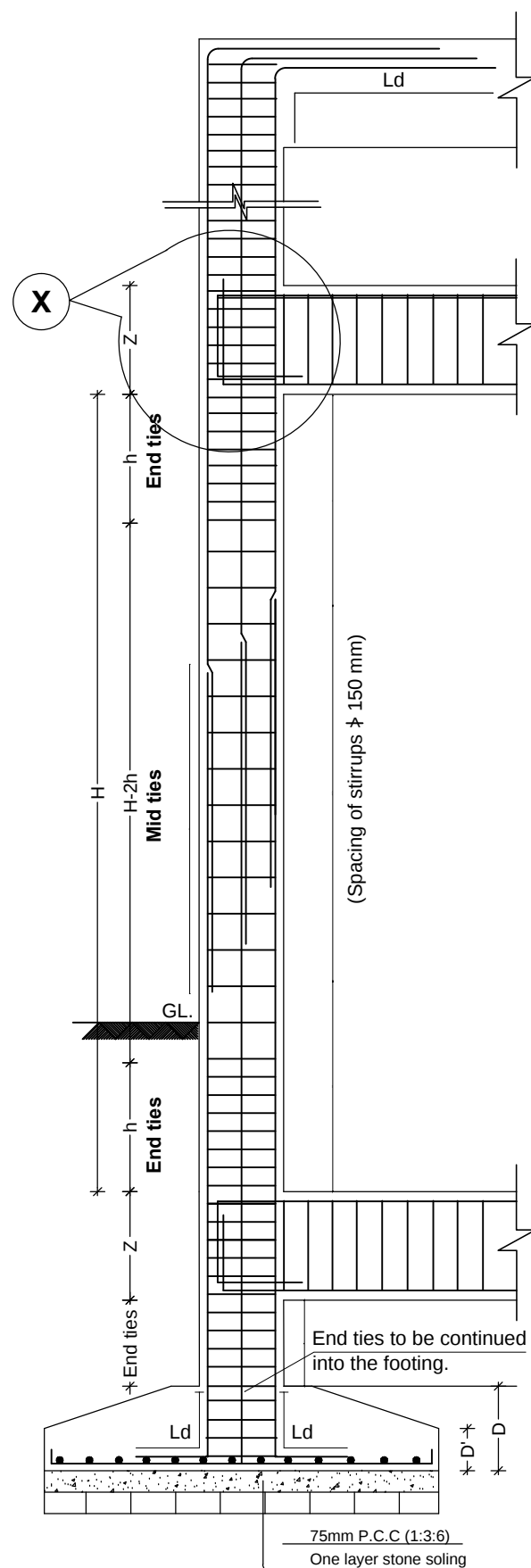
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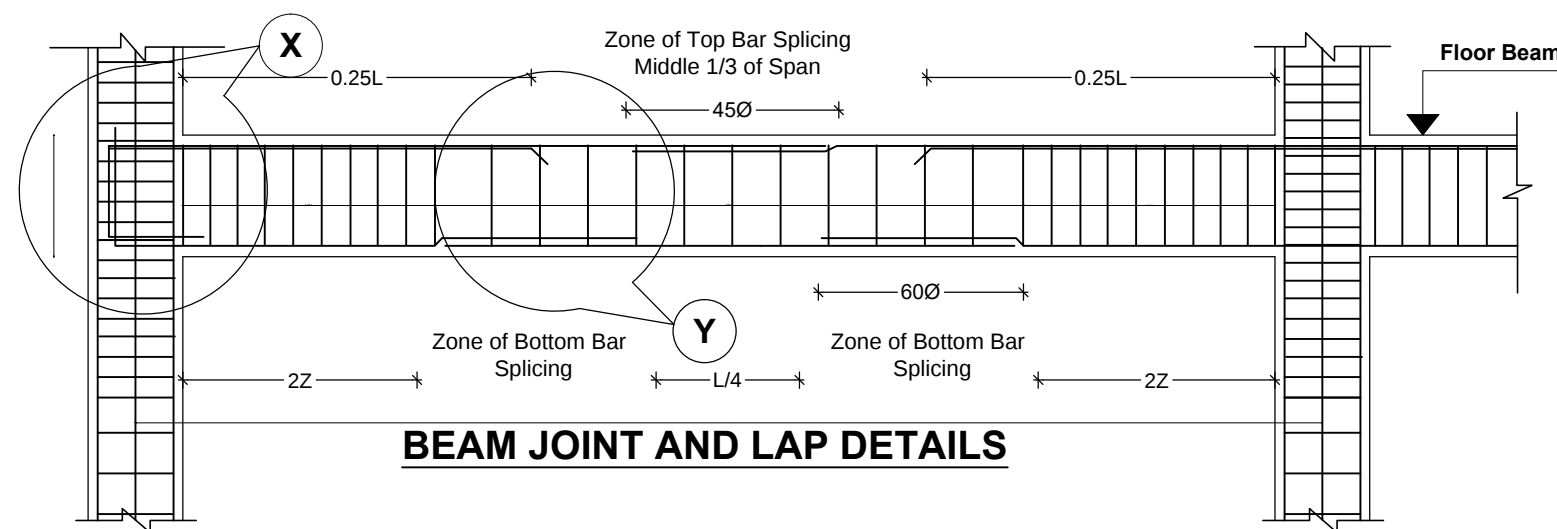
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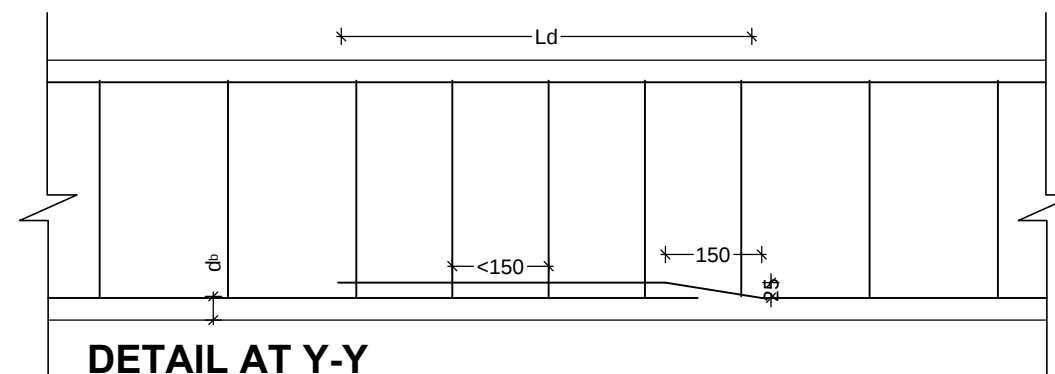
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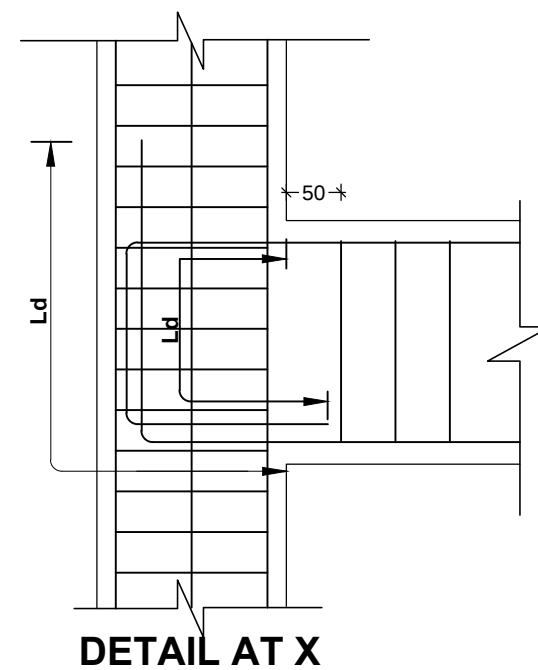
COLUMN JOINT AND LAP DETAILS



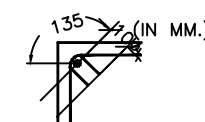
BEAM JOINT AND LAP DETAILS



DETAIL AT Y-Y



DETAIL AT X



SEISMIC HOOK DETAIL



INTERNAL RADIUS OF BEND



U-SHAPED STIRRUPS & TIES

NOTES:

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MULABARI, GORKHA
NEPAL

DRAWING: COLUMN AND BEAM DETAILING

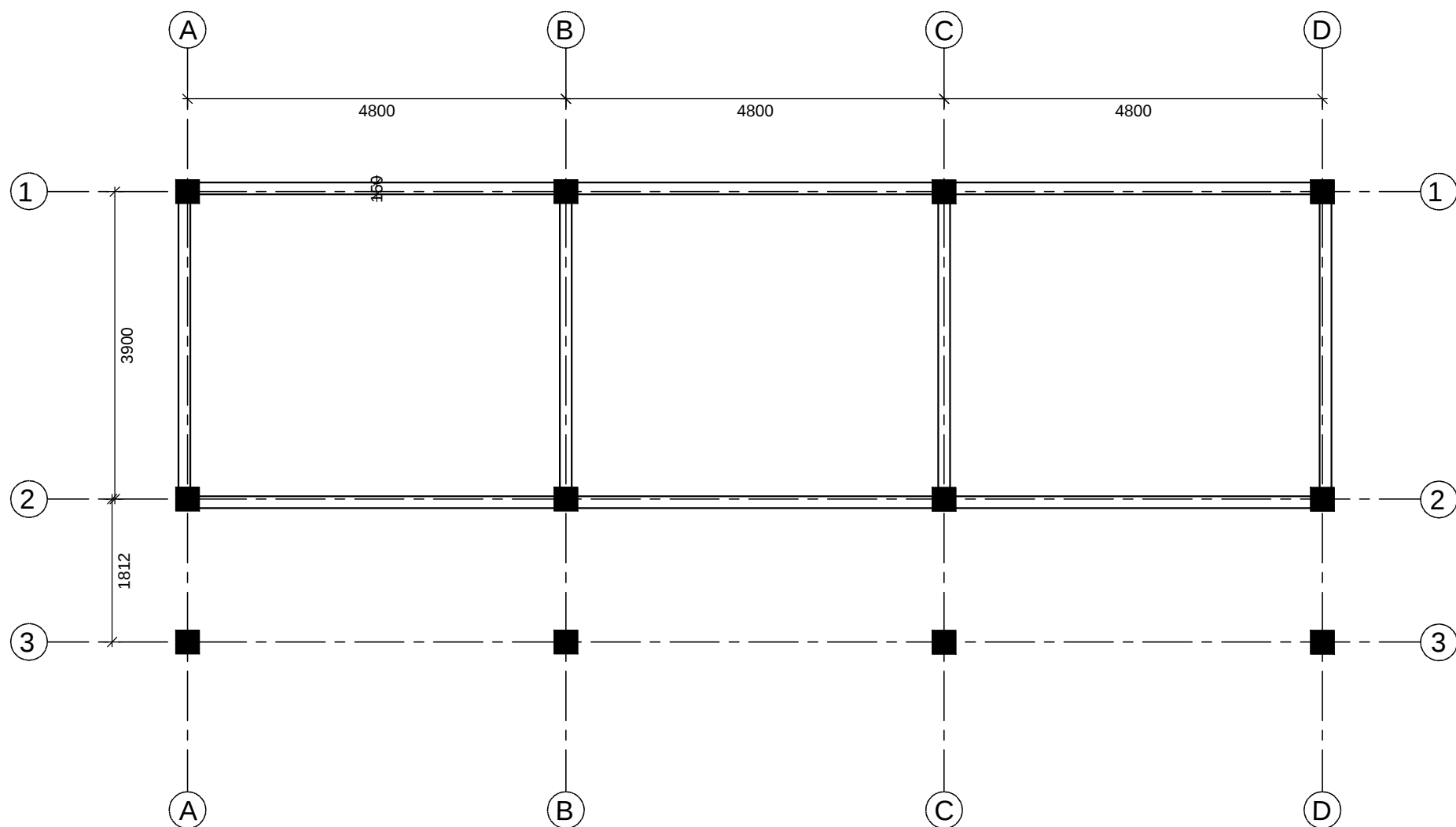
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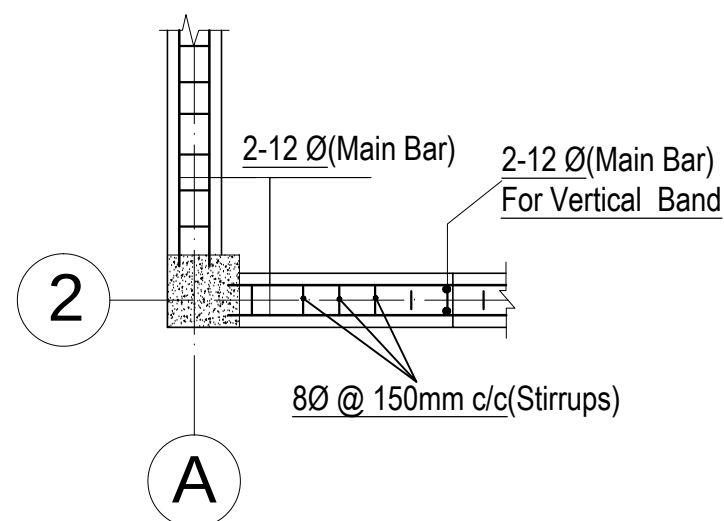
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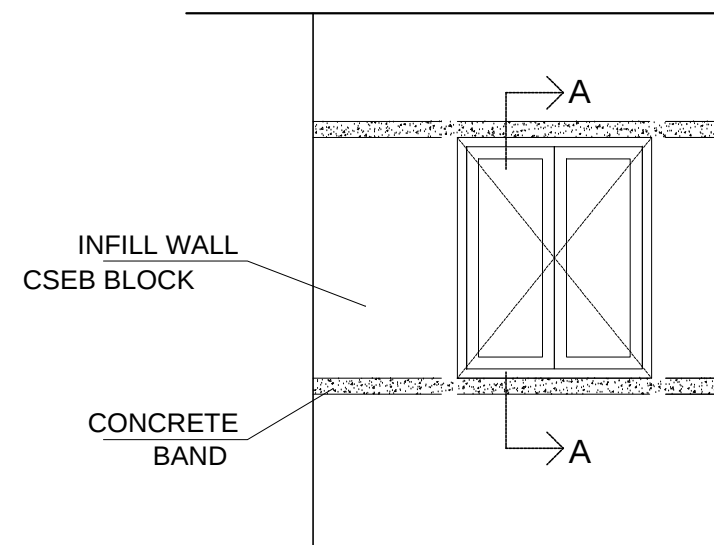
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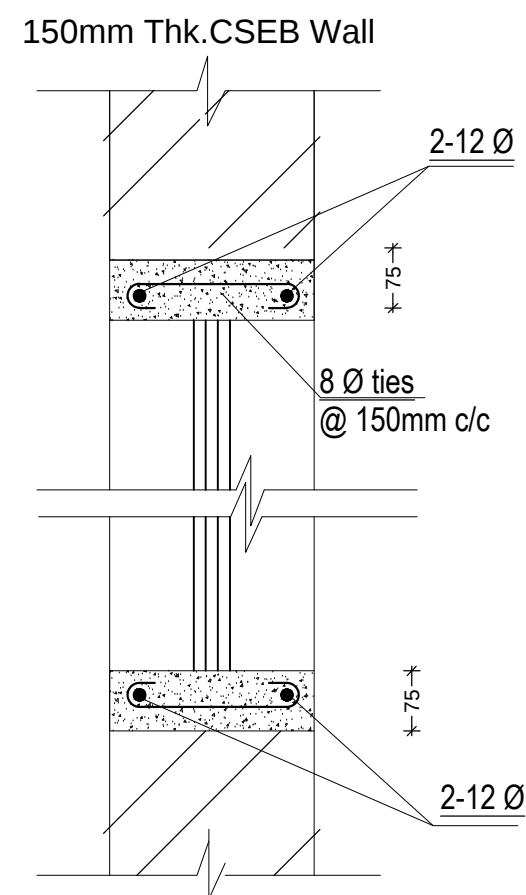
LINTEL BEAM LAYOUT



BAND DETAIL @ CORNER



CONCRETE BANDS ARE PROVIDED AT SILL
& LINTEL LEVEL HORIZONTALLY
BAND DETAILS



TYPICAL SILL AND LINTEL DETAIL
SECTION THROUGH A-A



BUILD UP NEPAL
THADO DHUNGA-3
JHAMSIKHEL, LALITPUR

PROJECT TITLE:
POST EARTHQUAKE SCHOOL RECONSTRUCTION PROJECT
SCHOOL NAME:
JANA KALYAN PRIMARY SCHOOL

SCHOOL LOCATION:
DHUWAKOT VDC, WARD NO. 2
MULABARI, GORKHA
NEPAL

DRAWING: SILL / LINTEL BEAM DETAIL

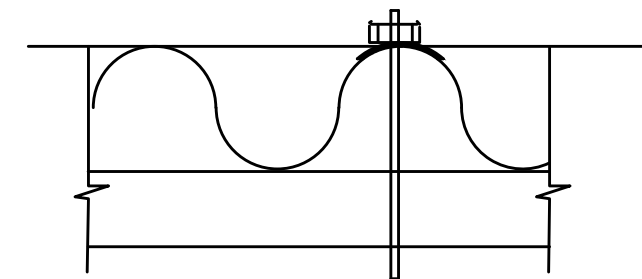
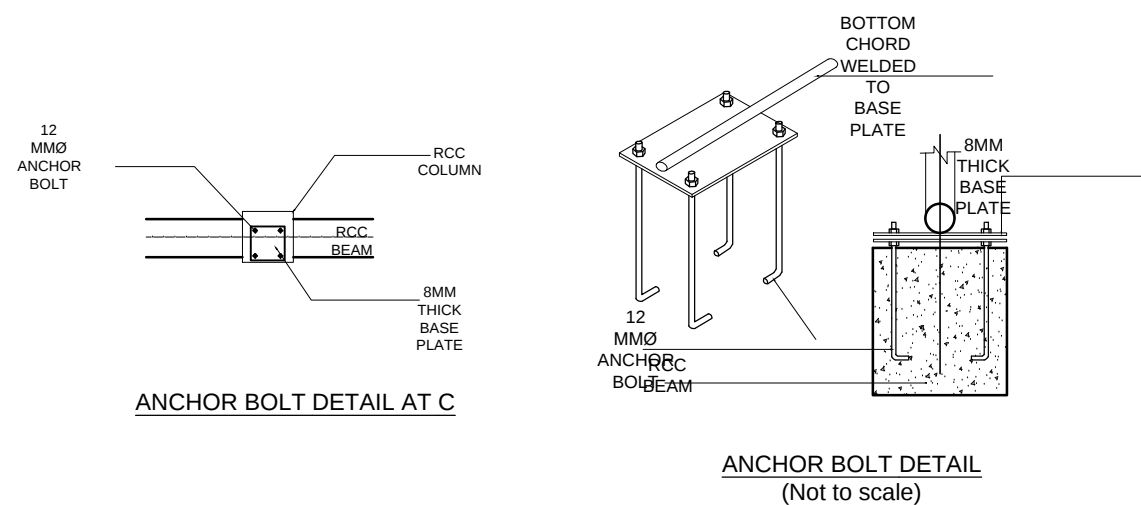
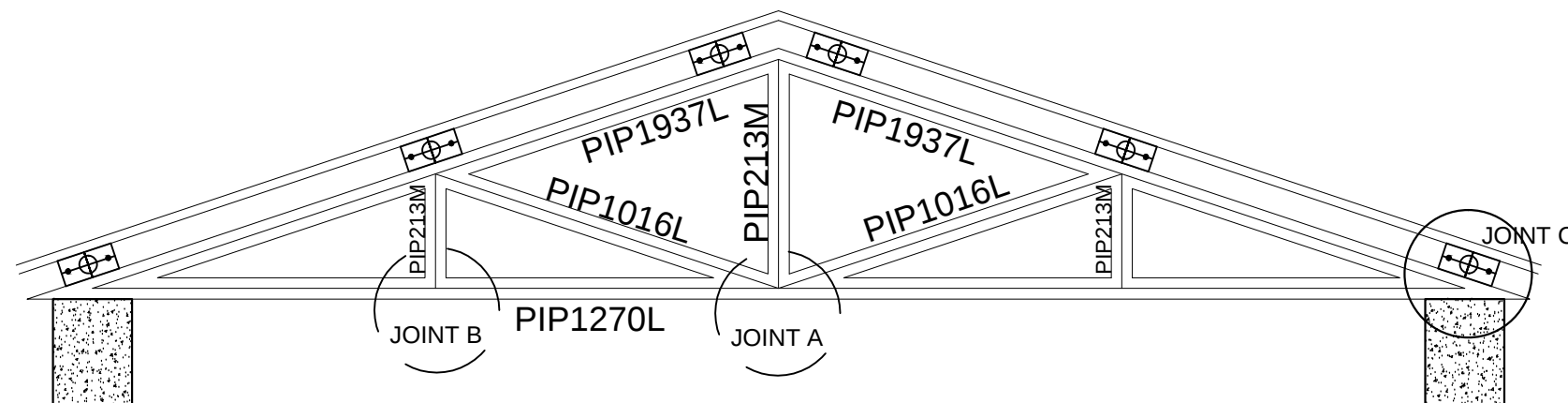
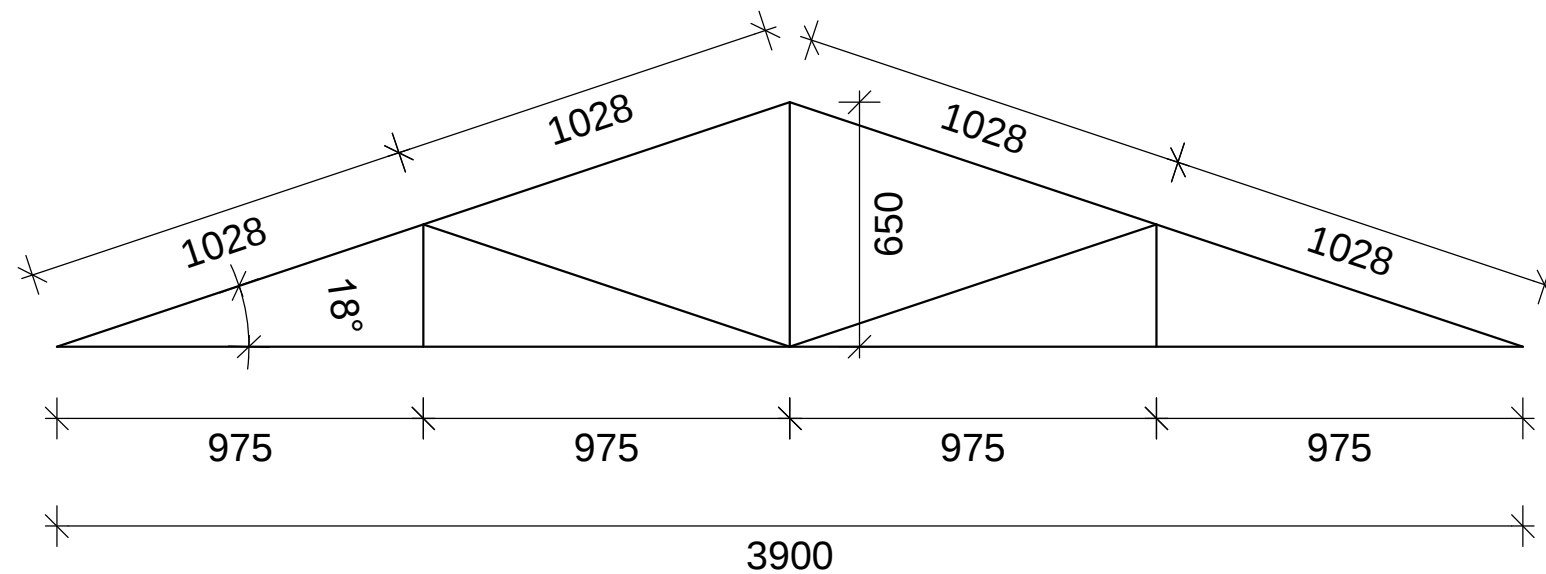
DATE: 22.06.2016

SCALE: 1:75

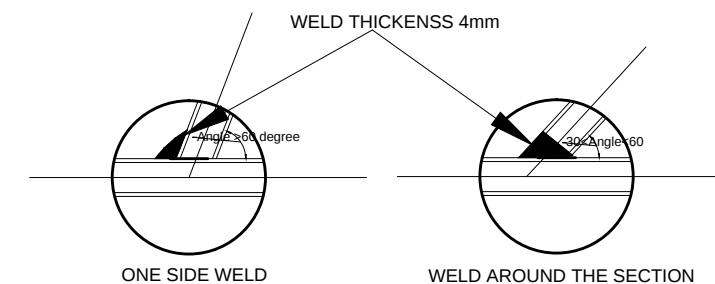
DWG. NO.

006

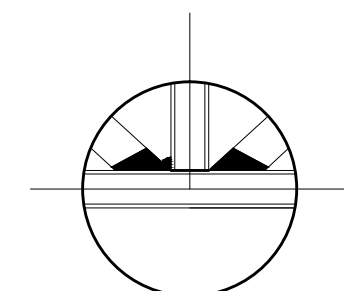
A2



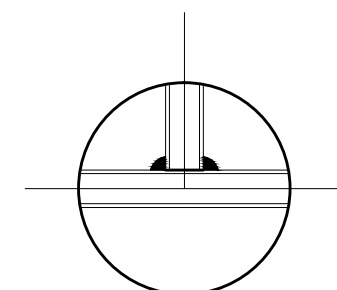
DETAIL OF FIXING J HOOK



DETAILS OF WELDED JOINTS



DETAILS OF WELDED JOINT 'A'



DETAILS OF WELDED JOINT 'B'



BUILD UP NEPAL
THADO DHUNGA-3
JHAMSIKHEL, LALITPUR

PROJECT TITLE:
POST EARTHQUAKE SCHOOL RECONSTRUCTION PROJECT
SCHOOL NAME:
JANA KALYAN PRIMARY SCHOOL

SCHOOL LOCATION:
DHUWAKOT VDC, WARD NO. 2
MULABARI, GORKHA
NEPAL

DRAWING: ROOF TRUSS DETAIL

DATE: 22.06.2016

SCALE: 1:20

DWG. NO.

007

A2