Government of Nepal
National Reconstruction Authority
Central Level Project Implementation Unit (EDU)
Gyaneshwor, Kathmandu

2 Storey 6 Classrooms
Revised (Nov 2018)
GROUND FLOOR PLAN

Government of Nepal  
National Reconstruction Authority  
Central Level Project Implementation Unit (EDU)  
Gyaneshwor, Kathmandu

PROJECT: 2 Storey 6 Classrooms  
Revised (Nov 2018)  

TITLE: GROUND FLOOR PLAN

Date:  
Scale: 1:75  
Designed by:  
Checked by:  
Approved by:  

Sheet No: 1
FRONT ELEVATION

BACK ELEVATION
Government of Nepal
National Reconstruction Authority
Central Level Project Implementation Unit (EDU)
Gyaneshwor, Kathmandu

PROJECT: 2 Storey 6 Classrooms Revised (Nov 2018)

TITLE: ELEVATIONS AND SECTION

Sheet No: 5
FOUNDATION PLAN

PROJECT: 2 Storey 6 Classrooms Revised (Nov 2018)

TITLE: FOUNDATION PLAN

Government of Nepal
National Reconstruction Authority
Central Level Project Implementation Unit (EDU)
Gyaneshwor, Kathmandu

Date: [Date]
Scale: 1:75

Designed by: 
Checked by: 
Approved by: 

Sheet No: 9
As per Site Condition, Df (Min. 1500)

Compaction Earth

FOOTING SECTION WITH PLINTH BEAM
For Hard and Medium soil

PCC (1:3:6)
150 mm Stone Sand
Compaction/ 3" flat brick soling

GROUND LVL.

12 dia. @ 150mm c/c

Compaction Earth

FOOTING PLAN

PLINTH AND FOUNDATION TIE BEAM

Side Cover 50 mm

230
2-12Ø TH
Through out the length

230
2-12Ø TH

GROUND LVL.

Compaction Earth

12 dia. @ 150mm c/c

FOOTING SECTION WITH PLINTH BEAM AND FOUNDATION BEAM

As per Site Condition:
Of (Min. 1000)

As per Site Condition:
Of (Min. 1000)
ELEVATION SHOWING FOOTING, LOWER TIE BEAM, UPPER TIE BEAM AND PLINTH WALL

BRICK MASONRY TOE WALL
- PLINTH WALL FOR WEAK/ SOFT SOIL
- 4 -12Ø (Fe415 or Fe 500)
- Flat Brick Soling with compaction
- Leveling PCC (1:3:6)
- Compaction Earth

STONE MASONRY TOE WALL
- PLINTH WALL FOR WEAK/ SOFT SOIL
- 4 -12Ø (Fe415 or Fe 500)
- Stone Masonary (1:6)
- Leveling PCC (1:3:6)
- Compaction Earth

SECTION AT X-X
- 230 mm Thk Plinth Wall
- 230 mm Thk Plinth Wall
- PCC (1:3:6)
- 150 mm Stone Sand Compaction/ 3" flat brick soling
- Compaction Earth

PROJET:
2 Storey 6 Classrooms
Revised (Nov 2018)

TITLE:
PLINTH WALL FOR WEAK/ SOFT SOIL

Government of Nepal
National Reconstruction Authority
Central Level Project Implementation Unit (EDU)
Gyaneshwor, Kathmandu

Date:
Sheet No:
Designed by:
Checked by:
Approved by:
## COLUMN SIZE AND REINFORCEMENT

<table>
<thead>
<tr>
<th>Floor</th>
<th>Column C1</th>
<th>Column C2</th>
<th>Stirrups</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Top Floor</td>
<td>350 x 350</td>
<td>350 x 350</td>
<td>8Ø @ 100mm c/c</td>
<td>M 20</td>
</tr>
<tr>
<td>First Floor</td>
<td>350 x 350</td>
<td>350 x 350</td>
<td>8Ø @ 100mm c/c</td>
<td>M 20</td>
</tr>
<tr>
<td>Ground Floor</td>
<td>350 x 350</td>
<td>350 x 350</td>
<td>8Ø @ 100mm c/c</td>
<td>M 20</td>
</tr>
</tbody>
</table>

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**L-SECTION OF COLUMN WITH LAPPING**

---

**COLUMN DETAILS**

| Government of Nepal  
National Reconstruction Authority  
Central Level Project Implementation Unit (EDU)  
Gyaneshwor, Kathmandu  

**PROJECT:**  
2 Storey 6 Classrooms  
Revised (Nov 2018)  

**TITLE:**  
COLUMN DETAILS  

| Date :  
Scale : 1:50  
Designed by :  
Checked by :  
Approved by :  

---

Sheet No: 13
First Floor beam along grid A,B,C

First floor beam along grid 1,2,3,4
Second floor beam along grid A, B, C

Second floor beam along grid 1, 2, 3, 4
L-Section of beam along grid B' (SECONDARY BEAM)

Section at D-D

Section at C-C

Connection Detail Between Main & Secondary Beam

(Plan)

Connection Detail Between Main & Secondary Beam

(Section)
SLAB PLAN FOR ALL FLOORS

SLAB THICKNESS = 125mm
SLAB PLAN FOR STAIRCASE ROOF

SLAB THICKNESS = 125mm

Scale : 1:50

L-SECTION OF SLAB ALONG X-X DIRECTION

Scale : 1:25

L-SECTION OF SLAB ALONG Y-Y DIRECTION

Scale : 1:25
STAIRCASE PLAN

BEAM LAYOUT PLAN

(STaircase Roof Level)

(SCALE - 1:100)

REINFORCEMENT DETAILS OF STAIRCASE FLIGHT-1

(SCALE - 1:25)

REINFORCEMENT DETAILS OF STAIRCASE FLIGHT-2

(SCALE - 1:25)

LANDING BEAM CONNECTION DETAIL

(SCALE - 1:30)

DOWEL BAR 4NOS. 16Ø

75 MM GAP FILLED WITH THERMOCEL PACKING

LANDING BEAM

COLUMN

GOVERNMENT OF NEPAL

NATIONAL RECONSTRUCTION AUTHORITY

CENTRAL LEVEL PROJECT IMPLEMENTATION UNIT (EDU)

GYANESHWOR, KATHMANDU

PROJECT:
2 STOREY 6 CLASSROOMS
REVISED (NOV 2018)

TITLE:
STAIRCASE DETAILS

SHEET NO: 22

DESIGNED BY:

CHECKED BY:

APPROVED BY:

DATE: (SCALE - AS MENTIONED)

2018
SECTIONAL PLAN AT B2 - B2

OPTION-I

SECTIONAL PLAN AT B2 - B2

OPTION-II

DETAIL AT A2

DETAIL AT A2'

SOLID WALL

25mm plaster thickness

COLUMNS

INDEX

Gyaneshwor, Kathmandu

Government of Nepal
National Reconstruction Authority
Central Level Project Implementation Unit (EDU)

PROJECT: 2 Storey 6 Classrooms Revised (Nov 2018)

TITEL: BAND DETAILS

Date:
Scale: 1:50 & 1:25

Designed by:

Checked by:

Approved by: