Emergency School Reconstruction Project

TYPE DESIGN:
3 Small Rooms
3C(S)-A
### 3 SMALL CLASSROOMS

#### 3C(S)-A

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<th>1. Architectural Drawings</th>
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<td>Truss Details</td>
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<table>
<thead>
<tr>
<th>3. Electrical Drawings</th>
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<tbody>
<tr>
<td><strong>S.N.</strong></td>
<td><strong>Contents</strong></td>
</tr>
<tr>
<td>15</td>
<td>Light, Power and DB Layout Plan (Ground Floor)</td>
</tr>
</tbody>
</table>
NOTES:
1. Any discrepancy in the drawing is to be immediately reported to the consultant or concerned engineer.
2. Drawing are not to be directly measured.
3. Read this drawing along with other related drawings and coordinate with Structural, Electrical, Plumbing and other services drawings.
4. Refer doors & windows schedule/elevations for size of doors & windows
5. Provide threshold at all exterior doors as per details, unless otherwise indicated.
6. The location of lamps to be adjusted as per site condition.

3 SMALL CLASSROOMS
GROUND FLOOR PLAN
Area = 193.75 Sq. M. (Scale= 1:100)

SECTION AT X-X
(Scale= 1:100)
1. Any discrepancy in the drawing to be immediately reported to the consultant or concerned engineer.
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4. Refer doors & windows schedule/elevations for size of doors & windows
5. Provide threshold at all exterior doors as per details, unless otherwise indicated.
6. The location of lamps to be adjusted as per site condition.

NOTES:

Date: September, 2016

3 SMALL CLASSROOMS

3C(S)

ROOF FLOOR

Sheet Title: ROOF FLOOR
Sheet No. 3C(S)

Print Sheet: A’3’ Size
1. Any discrepancy in the drawing to be immediately reported to the consultant or concerned engineer.
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6. The location of lamps to be adjusted as per site condition.

NOTES:

3 SMALL CLASSROOMS

ELEVATIONS

Date : September, 2016
Print Sheet : A'3' Size
NOTES:
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5. Provide threshold at all exterior doors as per details, unless otherwise indicated.
6. The location of lamps to be adjusted as per site condition.

3 SMALL CLASSROOMS

WALL SECTION AT Y-Y

(Scale 1:40)

HARDEN CEMENT CONCRETE FLOORING
50 MM THICK P.C.C. (1:2:4)
BRICK WORK
50 MM THICK P.C.C. (1:2:4)
100 MM GRAVEL SOLING
COMPACTED EARTH

5. Provide threshold at all exterior doors as per details, unless otherwise indicated.

6. The location of lamps to be adjusted as per site condition.

Print Sheet : A’3’ Size

Date : September, 2016

3C(S) - A

Sheet Title : WALL SECTION

Print Sheet : A’3’ Size
### DOORS & WINDOWS SCHEDULE:

<table>
<thead>
<tr>
<th>S.N.</th>
<th>SYMBOL</th>
<th>SIZES</th>
<th>G.F.</th>
<th>TOTAL</th>
<th>REMARKS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>W1</td>
<td>1100 x 1450</td>
<td>12</td>
<td>12</td>
<td>Glazed Frame &amp; Shutter</td>
</tr>
<tr>
<td>2.</td>
<td>D1</td>
<td>1100 x 2200</td>
<td>6</td>
<td>6</td>
<td>Glazed Frame &amp; Shutter</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td><strong>TOTAL</strong></td>
</tr>
</tbody>
</table>

**NOTES:**
1. Any discrepancy in the drawing to be immediately reported to the consultant or concerned engineer.
2. Drawing are not to be directly measured.
3. Read this drawing along with other related drawings and coordinate with Structural, Electrical, Plumbing and other services drawings.
4. Refer doors & windows schedule/ elevations for size of doors & windows.
5. Provide threshold at all exterior doors as per details, unless otherwise indicated.
6. The location of lamps to be adjusted as per site condition.

---

**TYPICAL METAL DOOR SECTIONAL PLAN**

**TYPICAL METAL WINDOW SECTION**

**TYPICAL WINDOW SECTIONAL PLAN**

**TYPICAL METAL DOOR SECTIONAL ELEVATION**

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Date: September, 2016
**NOTES:**

1. Any discrepancy in the drawing to be immediately reported to the consultant or concerned engineer.

2. Drawing are not to be directly measured.

3. Read the drawing along with other related drawings and coordinate with Structural, Electrical, Plumbing and other services drawings.

4. Refer doors & windows schedule/elevations for size of doors & windows

5. Provide threshold at all exterior doors as per details, unless otherwise indicated.

6. The location of lamps to be adjusted as per site condition.

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**Type Design:**

3 SMALL CLASSROOMS

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**Date:** September, 2016

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**Sheet Title:** FALSE CEILING PLAN

---

**Sheet No.:** 3C(S)-A
3. Read this drawing along with other related drawings and other services drawings unless otherwise indicated.

2. Drawing are not to be directly measured. Reported to the consultant or concerned engineer.

1. Any discrepancy in the drawing to be immediately reported to Structural, Electrical, Plumbing and coordinate with Structural, Electrical, Plumbing and other services drawings.

5. Provide threshold at all exterior doors as per details, unless otherwise indicated.

NOTES:

1. Any discrepancy in the drawing to be immediately reported to the consultant or concerned engineer.

2. Drawing are not to be directly measured.

3. Read this drawing along with other related drawings and other services drawings and coordinate with Structural, Electrical, Plumbing and other services drawings.

4. Refer doors & windows schedule/elevations for size of doors & windows.

5. Provide threshold at all exterior doors as per details, unless otherwise indicated.
1. Any discrepancy in the drawing to be immediately reported to the consultant or concerned engineer.
2. Drawing are not to be directly measured.
3. Read this drawing along with other related drawings and coordinate with Structural, Electrical, Plumbing and other services drawings.
4. Roller doors & windows schedule/elevations for size of doors & windows.
5. Provide thresholds at all exterior doors as per details, unless otherwise indicated.

NOTES:

TRENCH PLAN

FOOTING TABLE

WALL FOUNDATION DETAIL SECTION AT -4

FOUNDATION BEAM TIE SECTION DETAIL AT -2

PLINTH BEAM TIE SECTION DETAIL AT -2
1. Any discrepancy in the drawing to be immediately reported to the consultant or concerned engineer.
2. Drawings are not to be directly measured.
3. Refer to the drawings along with other related drawings and coordinate with Structural, Electrical, Plumbing, and other services drawings.
4. Refer to the doors and windows schedules/locations for size and location.
5. Provide thresholds at all exterior doors as per details, unless otherwise indicated.
1. Any discrepancy in the drawing to be immediately reported to the consultant or concerned engineer.
2. Drawings are not to be directly measured.
3. Read this drawing along with other related drawings and coordinate with Structural, Electrical, Plumbing and other services drawings.
4. Refer doors & windows schedule/elevations for size of doors & window.
5. Provide threshold at all exterior doors as per details, unless otherwise indicated.

### COLUMN REINFORCEMENT DETAILS

<table>
<thead>
<tr>
<th>S. No.</th>
<th>GRID 1</th>
<th>GRID 2</th>
<th>GRID 3</th>
<th>GRID 4</th>
<th>STIRRUPS</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>@ 100mm</td>
<td>@ 120mm</td>
<td>@ 140mm</td>
<td>@ 160mm</td>
<td></td>
</tr>
</tbody>
</table>

### Notes:
- Provide threshold at all exterior doors as per details, unless otherwise indicated.
- Refer doors & windows schedule/elevations for size of doors & window.
- Drawings are not to be directly measured.
- Read this drawing along with other related drawings and coordinate with Structural, Electrical, Plumbing and other services drawings.
- Any discrepancy in the drawing to be immediately reported to the consultant or concerned engineer.

### Diagrams:
- Column Layout Plan (Scale: 1:100)
- Column & lintel joint detail (Scale: 1:25)
- Elevation of wall with lintel & sill band (Scale: NTS)
- X-section of sill band (stone masonry) (Scale: 1:25)
- X-section of lintel band at A-A (Scale: 1:25)
- X-section of sill band at B-B (Scale: 1:25)
NOTES:
1. Any discrepancy in the drawing to be immediately reported to the consultant or concerned engineer.
2. Drawings are not to be directly measured.
3. Refer this drawing along with other related drawings and coordinate with Structural, Electrical, Plumbing and other services drawings.
4. Refer doors & windows schedule/elevations for size of doors & windows.
5. Provide threshold at all exterior doors as per details, unless otherwise indicated.

Government Of Nepal
Department Of Education
Sanothimi, Bhaktapur, Nepal

Japan International Cooperation Agency

Project Title: Emergency School Reconstruction Project

Government Of Nepal
Japan International Cooperation Agency

Sub-Consultant: Joint Venture with

Donor: ORIENTAL CONSULTANTS GLOBAL
Global Consulting for Sustainable Development

Print Sheet: A’3’ Size

Sanothimi, Bhaktapur, Nepal

Print Sheet: A’3’ Size

Sheet Title: BEAM PLAN & DETAILS
Sheet No. 3C(S)-A

Date: September, 2016
Print Sheet: A’3’ Size

Type Design:

Small Rooms - ECD & 2 Classrooms
1. Any discrepancy in the drawing to be immediately reported to the consultant or concerned engineer.
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3. Read this drawing along with other related drawings and coordinate with Structural, Electrical, Plumbing, and other services drawings.
4. Refer doors & windows schedule/elevations for size of doors & windows
5. Provide threshold at all exterior doors as per details, unless otherwise indicated.
1. Any discrepancy in the drawing to be immediately reported to the consultant or concerned engineer.
2. Drawings are not to be directly measured.
3. Read this drawing along with other related drawings and coordinate with Structural, Electrical, Plumbing and other services drawings.
4. Roller doors & windows schedule/advancements for size of doors & windows.
5. Provide threshold at all exterior doors as per details, unless otherwise indicated.

NOTES:

- 3 SMALL ROOMS - ECD & 2 CLASSROOMS
- T.R.U.S.S. DETAILS
- Print Sheet : A'3' Size
- Date : September, 2016
- Sheet Title: TRUSS DETAILS
- Sheet No. 3C(S)-A
- Sub-Consultant: Joint Venture with
- Japan International Cooperation Agency
- Donor : ORIENTAL CONSERNS GLOBAL
- Global Consulting for sustainable Development
- Project Title: Emergency School Reconstruction Project
- Sanothimi, Bhaktapur, Nepal
- Government Of Nepal
- Japan International Cooperation Agency
- Mr. H.B. Gurung
- Mr. A.S. Tamang
- Mr. S. Malla
- Mr. Tomoki Miyano
- Mr. Hisafumi Michikawa
- Mr. Wong Kuok Hung
- Mr. A.S. Tamang
- Mr. S. Malla
- Type Design: S.S. SUBHEDY - S.C. & 2 CLASSROOMS
1. Any discrepancy in the drawing to be immediately reported to the consultant or concerned engineer.
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3. Read this drawing along with other related drawings and coordinate with Structural, Electrical, Plumbing and other services drawings.
4. Refer doors & windows schedule/elevations for size of doors & windows
5. Provide threshold at all exterior doors as per details, unless otherwise indicated.

NOTES:

Mr. H.B. Gurung
Mr. A.S. Tamang
Mr. S. Malla

Sub-Consultant:
Joint Venture with

Project Title:
Emergency School Reconstruction Project

Donor: Japan International Cooperation Agency

Government Of Nepal
Department Of Education
Sanothimi, Bhaktapur, Nepal

Print Sheet : A'3' Size

Date : September, 2016

Oriental Consultants Global

Global Consulting for sustainable Development

East West Engineering Service Pvt. Ltd.

Mr. Tomoki Miyano
Mr. Hisafumi Michikawa
Mr. Wong Kuok Hung

Mr. Harfendri Mahakara
Mr. A.S. Tamang

Type Design:
S SMALL ROOMS - ECD & 2 CLASSROOMS

Sheet Title : TRUSS DETAILS

Sheet No. 3C(S)-A
NOTES:
1. Any discrepancy in the drawing is to be immediately reported to the consultant or concerned engineer.
2. Drawing are not to be directly measured.
3. Read this drawing along with other related drawings and coordinate with Structural, Electrical, Plumbing and other associated drawings.
4. Refer doors & windows schedule/sizes for size of doors & windows.
5. Provide threshold at all exterior doors as per details unless otherwise instructed.
6. The location of ramps to be adjusted as per site condition.

LIGHT, POWER & DB LAYOUT PLAN
(GROUND FLOOR)

[Scale=1:100]

LEGEND

<table>
<thead>
<tr>
<th>NO</th>
<th>SYMBOL</th>
<th>INDICATES</th>
<th>MOUNTING HEIGHT</th>
<th>REMARKS</th>
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<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>220V, 3-Phase Type Meter Opt.</td>
<td>Attached to Ceiling</td>
<td>-</td>
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<td>10W CFL Recess Light</td>
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<td>12W LED Panel Light</td>
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<td>2-way Switch</td>
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<td>12</td>
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<td>Out-off Switch</td>
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<td>Distribution Board</td>
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<tr>
<td>18</td>
<td>18</td>
<td>Main Panel Board</td>
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<td>-</td>
</tr>
</tbody>
</table>

GROUNDFLOOR UP DISTRIBUTION SYSTEM (DB)