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Date: May, 2016
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German Development Cooperation (giz)

Project Title: Recovery Programme Nepal (RPN) School Recovery Project

Consultant: East West Engineering Service Pvt. Ltd.

Name of School: SHREE DANGAGAUN HIGHER S. SCHOOL, Dandagaun, Rasuwa, Nepal

Type Design: 2 STOREY 4 CLASSROOM

Sheet Title: FIRST FLOOR PLAN & ROOF PLAN

Date: May, 2016

First Sheet: A3 Size
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NOTES:

German Development Cooperation (giz)

Project Title: Recovery Programme Nepal (RPN) School Recovery Project

Consultant: East West Engineering Service Pvt. Ltd.

Name of School: DANDAGAUN HIGH SCHOOL

Type Design: 2 STOREY 4 CLASSROOM

Sheet Title: ELEVATIONS & SECTION

Sheet No. A-03

Recovery Programme Nepal (RPN)
School Recovery Project

Name of Consultant: German Development Cooperation (giz)

Date: May, 2016
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German Development Cooperation (giz)

Project Title: Recovery Programme Nepal (RPN)
School Recovery Project

Consultant: East West Engineering Service Pvt. Ltd.
Name of School: SIRIE DANGAUN HIGHER S. SCHOOL

Design: 2 STOREY 4 CLASSROOM

Sheet Title: WALL SECTION AND DETAIL
Sheet No. 2-4C

Data: May, 2016
Print Sheet: A3 Size
A-04
1. Read this drawing along with other related drawings unless otherwise indicated.
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TYPICAL WINDOW SECTIONAL PLAN

TYPICAL METAL DOOR SECTIONAL ELEVATION

DOORS & WINDOWS SCHEDULE:

<table>
<thead>
<tr>
<th>S.N.</th>
<th>SYMBOL</th>
<th>SIZES</th>
<th>G.F.</th>
<th>F.F.</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>W1</td>
<td>1800 x 1450</td>
<td>4</td>
<td>4</td>
<td>8</td>
</tr>
<tr>
<td>2.</td>
<td>W2</td>
<td>1800 x 1500</td>
<td>1</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>3.</td>
<td>W3</td>
<td>1100 x 1450</td>
<td>4</td>
<td>4</td>
<td>8</td>
</tr>
<tr>
<td>4.</td>
<td>W4</td>
<td>1100 x 350</td>
<td>1</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>5.</td>
<td>D1</td>
<td>1100 x 2000</td>
<td>4</td>
<td>4</td>
<td>8</td>
</tr>
<tr>
<td>6.</td>
<td>D2</td>
<td>900 x 1650</td>
<td>1</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>TOTAL</td>
<td></td>
<td>14</td>
<td>13</td>
<td>27</td>
<td></td>
</tr>
</tbody>
</table>

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German Development Cooperation (giz)
Recovery Programme Nepal (RPN)
School Recovery Project
GENERAL NOTES:

1. USE NO.2 - 500 GRADE CONCRETE FOR SLAB BEAM, COLUMN, FOUNDATION, ELL & UNITE, BANDS (ALL RCC WORKS)
2. USE 6500 GRADE STEEL (HV>500N/mm)
3. CLEAR COVER TO BARS
   a. FOR CONCRETE MEMBERS IN CONTACT WITH SOIL = MIN 50mm
   b. FOR LONGITUDINAL (VERTICAL) BARS IN COLUMN = 40mm
   c. FOR MAIN BARS IN BEAMS = 25mm
   d. FOR OUTER BARS IN SLAB = 25mm
4. BARS IN COLUMNS SHALL BE SPACED ONLY AT MID HEIGHT OF COLUMN.
5. BARS SPACING IN BEAM SHALL BE AVOIDED IN THE SPAN WHERE INTERMEDIATE BEAM IS CONNECTED AND SHALL BE ONLY AS SHOWN ON OWS.
6. DEVELOPMENT / LAP LENGTH (Ld) FOR BARS.
<table>
<thead>
<tr>
<th>BAR Diameter (mm)</th>
<th>8</th>
<th>10</th>
<th>12</th>
<th>16</th>
<th>20</th>
<th>25</th>
<th>32</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ld (mm)</td>
<td>485</td>
<td>600</td>
<td>720</td>
<td>900</td>
<td>1200</td>
<td>1500</td>
<td>1800</td>
</tr>
</tbody>
</table>
7. TEMP DISTRIBUTION REFRENCING FOR SLAB - TMT 8B @ 200 C
8. CLEAR VERTICAL DISTANCE BETWEEN TWO ROWS (LAYERS) OF BARS=50mm
9. PROVIDE SHEAR REFRENCING AT 100 C.C AT LAP LOCATIONS.
10. H = CLEAR SPAN OF FLOOR.
11. 1 = 165, OR 450mm WHICHEVER IS GREATER.
12. 2 = DEPTH OF BEAM.

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German Development Cooperation (giz)

Project Title: Recovery Programme Nepal (RPN) School Recovery Project

Consultant: East West Engineering Service Pvt. Ltd.

Shree: Dangagaun/Higher's School
Dandagaun, Rasuwa, Nepal

Type Design: 2 STOREY 4 CLASSROOM

Sheet Title: GENERAL NOTES & TYPICAL DETAILS

Sheet No: 2-4C

Date: May, 2016

First Sheet: A3 Size
NOTES:
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German Development Cooperation (giz)

Project Title: Recovery Programme Nepal (RPN)
School Recovery Project

Consultant: East West Engineering Service Pvt. Ltd.

Name of School: Shree Danggaun Higher S. School
Dandagaun, Rasuwa, Nepal

Type Design: 2 STOREY 4 CLASSROOM

Sheet Title: FOUNDATION DETAILS
Sheet No: 2-4C

Date: May, 2016

Print Sheet: A’3’ Size
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**NOTES:**

- The location of ramps to be adjusted as per site condition.

---

**COLUMN REINFORCEMENT DETAILS**

<table>
<thead>
<tr>
<th>S. NO.</th>
<th>FLOOR</th>
<th>GRID</th>
<th>GRID-A (400 x 400)</th>
<th>GRID-B (400 x 400)</th>
<th>GRID-C (400 x 400)</th>
<th>GRID-D (400 x 400)</th>
<th>GRID-E (400 x 400)</th>
<th>GRID-F (400 x 400)</th>
<th>STIRRUPS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>GROUND FLOOR</td>
<td>1, 2 &amp; 3</td>
<td>400</td>
<td>400</td>
<td>400</td>
<td>400</td>
<td>400</td>
<td>400</td>
<td>400</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>12 NOS. - 16mmØ</td>
<td>12 NOS. - 16mmØ</td>
<td>12 NOS. - 16mmØ</td>
<td>12 NOS. - 16mmØ</td>
<td>12 NOS. - 16mmØ</td>
<td>12 NOS. - 16mmØ</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>FIRST FLOOR</td>
<td>1, 2 &amp; 3</td>
<td>400</td>
<td>400</td>
<td>400</td>
<td>400</td>
<td>400</td>
<td>400</td>
<td>400</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>8 NOS. +16mmØ</td>
<td>8 NOS. +16mmØ</td>
<td>8 NOS. +16mmØ</td>
<td>8 NOS. +16mmØ</td>
<td>8 NOS. +16mmØ</td>
<td>8 NOS. +16mmØ</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>4 NOS. +12mmØ</td>
<td>4 NOS. +12mmØ</td>
<td>4 NOS. +12mmØ</td>
<td>4 NOS. +12mmØ</td>
<td>4 NOS. +12mmØ</td>
<td>4 NOS. +12mmØ</td>
<td></td>
</tr>
</tbody>
</table>

---

**German Development Cooperation (giz)**

**Project Title:** Recovery Programme Nepal (RPN) School Recovery Project

**Consultant:** East West Engineering Service Pvt. Ltd.

**Name of School:** Dandagaun Higher S. School, Rasuwa, Nepal

**Type Design:** 2 STOREY 4 CLASSROOM

---

**Sheet Title:** COLUMN, SILL & LINTEL DETAILS

**Sheet No.:** 2-4C

**Date:** May, 2016

**First Sheet: A3 Size**
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German Development Cooperation (giz)

Project Title: Recovery Programme Nepal (RPN) School Recovery Project

Consultant: East West Engineering Service Pvt. Ltd.

Name of School: SIRHIL DANGGAIHAN HIGHER S. SCHOOL

Type Design: 2 STOREY 4 CLASSROOM

Sheet Title: Beam Section Details

Sheet No: 2-4C

Date: May, 2016

Print Sheet: A’3’ Size
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German Development Cooperation (giz)

Project Title: Recovery Programme Nepal (RPN)
School Recovery Project

Consultant: East West Engineering Service Pvt. Ltd.
Name of School: BIHRI: DANGAGAI/NEGHERI S. SCHOOL
Dandagaun, Rasuwa, Nepal

Type Design: 2 STOREY 4 CLASSROOM

Sheet Title: BEAM SECTION DETAILS
Sheet No: 2-4C

Date: May, 2016
First Sheet: A3' Size

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SECTION - 2-2
(Scale = 1:25)

BEAM DETAIL ALONG GRID AT -3
(Scale = 1:50)
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German Development Cooperation (giz)
Project Title: Recovery Programme Nepal (RPN) School Recovery Project
Consultant: East West Engineering Service Pvt. Ltd.
Name of School: Shree Dangagau Higher S. School, Dandagaun, Rasuwa, Nepal
Type Design: 2 STOREY 4 CLASSROOM
Sheet Title: SLAB DETAILS
Sheet No.: 2-4C
Sheet Size: A’3’ Size
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German Development Cooperation (giz)
Recovery Programme Nepal (RPN)
School Recovery Project

Name of School:
SIREN: DANGAUN HIGHER S. SCHOOL
Dandagaun, Rasuwa, Nepal

Type Design:
2 STOREY 4 CLASSROOM

Sheet Title: STAIRCASE DETAILS
Sheet No. 2-4C

Date: May, 2016
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German Development Cooperation (giz)

Project Title: Recovery Programme Nepal (RPN)
School Recovery Project

Consultant: East West Engineering Service Pvt. Ltd.

Name of School: SRIREE. DANDAGAUN HIGH.S. SCHOOL
Dandagaun, Rasuwa, Nepal

Type Design: 2 STOREY 4 CLASSROOM

Sheet Title: TRUSS DETAILS

Sheet No: 2-4C

Date: May, 2016
First Sheet: A'3' Size
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German Development Cooperation (giz)

Project Title:
Recovery Programme Nepal (RPN)
School Recovery Project

Consultant:
East West Engineering Service Pvt. Ltd.

Name of School:
SREE SANGAGAUN HIGH S.SCHOOL
Dandagaun, Rasuwa,Nepal

Type Design:
2 STOREY 4 CLASSROOM

Sheet Title: TRUSS DETAIL
Sheet No: 2-4C

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German Development Cooperation (giz)

NOTES:

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Date: May, 2016

German Development Cooperation (giz)

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Date: May, 2016

Recovery Programme Nepal (RPN)
School Recovery Project

Project Title: Recovery Programme Nepal (RPN)
School Recovery Project

Consultant: East West Engineering Service Pvt. Ltd.

Name of School: SIREs, DANGAIAUN, BISHEER, S. SCHOOL
Dandagaun, Rasuwa, Nepal

Type Design: 2 STOREY 4 CLASSROOM

Sheet Title: TRUSS DETAILS

Sheet No.: 2-4C

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German Development Cooperation (giz) & MAIN PANEL BOARD

Recovery Programme Nepal (RPN)
School Recovery Project

Name of School: Dandagaun, Rasuwa, Nepal
Date: May, 2016
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German Development Cooperation (GIZ)

Project Title:
Recovery Programme Nepal (RPN)
School Recovery Project

Sub-Consultant:
East West Engineering Service Pvt. Ltd.

Name of School:
SHEEL DANGGAUN/Higher S. SCHOOL
Dandagaun, Rasuwa, Nepal

Type Design:
2 STOREY 4 CLASSROOM

Sheet Title:
LIGHT, POWER LAYOUT PLAN
(FIRST FLOOR PLAN)

Date: May, 2016

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