FLOOR PLAN DETAIL

Schedule of Door & Windows

<table>
<thead>
<tr>
<th>Name</th>
<th>Lintel</th>
<th>Width</th>
<th>Sill M</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>D1</td>
<td>2.10</td>
<td>0.90</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>D2</td>
<td>2.10</td>
<td>0.75</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>W1</td>
<td>2.10</td>
<td>1.50</td>
<td>0.90</td>
<td></td>
</tr>
<tr>
<td>W2</td>
<td>2.10</td>
<td>1.20</td>
<td>0.90</td>
<td></td>
</tr>
<tr>
<td>W3</td>
<td>2.10</td>
<td>0.90</td>
<td>0.90</td>
<td></td>
</tr>
<tr>
<td>V</td>
<td>2.10</td>
<td>0.60</td>
<td>1.80</td>
<td></td>
</tr>
</tbody>
</table>

NOTES:-
Clear height of DU = 2.85 m
Earthquake resistance structure as per site condition
* All the Dimensions in m

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ELEVATION

- 2-8Ø BARS & stirrups 8mmØ @ 150mm C/C

- Clear cover for the reinforcement should be 30 mm.
- In case of foundation to be constructed in expansive soil

FOOTING DETAILS

- All dimensions are in meter

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**Concrete Mix: 1:1.5:3**

**Corner Vertical Steel:**
- a & b: alternate courses in one brick wall

**Intermediate Vertical Steel:**
- a & b: alternate courses in one brick wall

**Detail of R/F Around Door:**
- 1 nos 16mm Ø bar
- Lintel band 75mm depth
- Door opening
- Concrete mix 1:1.5:3
- 2 nos 8mm Ø bar + 1 no 16mm Ø bar
- Brick work
- Plinth band 75mm depth

**Detail of R/F Around Window:**
- Lap length and development length (Ld) for 8 mmØ is 400 mm.
- Clear cover for the band should be 30mm.

**Section A-A**

**Section B-B**

**Detail of Plinth/Lintel Band:**
- Longitudinal bars of 8 mm Ø bars
- Lateral ties of 8 mmØ bar @ 150 mm

**Plan of Sill Level R/F:**
- 8mm Ø stirrups @ 150mm

**Section of Plinth/Lintel Band:**
- 8mm Ø stirrups @ 150mm

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**Designated by:**
- Dr. Hemant Kumar Vinayak
- Dr. Pardeep Kumar

**Drawing Title:**
- Details of R/F around Window & Door, Vertical R/F, Cross Section of Band

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• Clear cover the slab should be 20mm.
• All dimensions are in meter

**SCHEDULE OF BARS**

a. 8 mm Ø @ 150 mm c/c