FOOTING DETAILS

- All dimensions are in meter

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**Corner Vertical Steel**

a & b: alternate courses in one brick wall

**Intermediate Vertical Steel**

a & b: alternate courses in one brick wall

**Detail of Confined R/F of Door**

- 2 no 10 mm Ø bar
- Lintel band 75 mm depth
- Window opening
- Brick work
- Door opening
- Concrete mix 1:1.5:3
- 2 nos 10 mm Ø bar
- Plinth tie beam 100 mm depth
- Foundation

**Detail of Confined R/F of Window**

- 2 no 10 mm Ø bar
- Lintel band 75 mm depth
- Window opening
- Brick work
- Door opening
- Concrete mix 1:1.5:3
- 2 nos 10 mm Ø bar
- Plinth tie beam 100 mm depth
- Foundation

**Cross Section of Corner Confined Column Course - a**

**Cross Section of Corner Confined Column Course - b**

"A" = Closer ties = Spacing of hoops @ 100 mm c/c

"B" = Spacing of hoops @ 200 mm c/c

**Details of Plinth/Lintel Band**

- Longitudinal 10 mm Ø bars
- 8 mm Ø stirrups @ 100/200 mm

**Section A-A**

- 10 mm Ø bars
- 6 mm Ø bar @ 100/200 mm

**Section B-B**

- Longitudinal 10 mm Ø bars
- 8 mm Ø stirrups @ 100/200 mm

**National Institute of Technology Hamirpur**

**Building Name:**
PMAY HFA

**Option 2**

**Conf. Masonry Building**

**Flat Roof**

**Zone IV, V**

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

**Designed By:**
Dr. Pardeep Kumar
Dr. Hemant Kumar Vinayak

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**DRG. No. - NIT/CED/2017/PMAY-02-CMB-FR-ZIV,V/DWG-3**
- Clear cover for the slab should be 20 mm.
- All dimensions are in meter

**SCHEDULE OF BARS**

a. 8 mm Ø @ 150 mm c/c