**ELEVATION**

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

**FOOTING DETAILS**

- All dimensions are in meters

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**DRAWING TITLE:** FOOTING DETAIL & ELEVATION

**DESIGNED BY: Dr. Pardeep Kumar**

**Dr. Hemant Kumar Vinayak**

Assistant Professor
Department of Civil Engineering
National Institute of Technology
Hamirpur -177005 (H.P.)

**Dr. Pardeep Kumar**

Associate Professor (Structural Engg.)
Civil Engineering Department
NIT, Hamirpur (H.P.)-177005
**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

**SECTION A-A**

**SECTION B-B**

**DETAIL OF PLINTH/LINTEL BAND**

- Longitudinal bars of 8 mm Ø bars
- Lateral ties of 8 mm Ø bar @ 150 mm

**PLAN OF SILL LEVEL R/F**

- 8mm Ø stirrups of 8mm Ø bar
- U stirrups of 8mm Ø bar

**SECTION OF PLINTH/LINTEL BAND**

- Longitudinal 8mm Ø bars
- 8mm Ø stirrups @ 150mm

**DETAIL OF R/F AROUND WINDOW**

- Lap length and development length (L.d) for 8 mmØ is 400 mm.
- Clear cover for the band should be 30mm.

**DRG. No. - NIT/CED/2017/PMAY-OP2-MB-FR-ZIV/DWG-3**

**NATIONAL INSTITUTE OF TECHNOLOGY HAMIRPUR**

**BUILDING NAME:**
PMAY HFA
OPTION 2
MASONRY BUILDING
FLAT ROOF
ZONE IV

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

**SCHEDULE OF BARS**
- 8 mm Ø @ 150 mm c/c