NOTES:

- All the dimensions in m.
- Branch showcase elements are per the condition.
- Clear height at DT = 2.85 m.
- Walls: 200 mm thick, masonry walls.
- All doors have a 75 mm frame.
- Roof: 100 mm thick, 2 in. x 6 in. floor joists.
- All dimensions are in m, unless otherwise specified.
ELEVATION

2-10Ø BARS &
stirrups 8mmØ
@ 150mm C/C

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

FOOTING DETAILS

All dimensions are in meters

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Dr. Pardeep Kumar
Associate Professor (Structural Engg.)
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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 R/F AROUND DOOR

SECTION A-A

SECTION B-B

DETAIL OF PLINTH/LINTEL BAND

PLAN OF SILL LEVEL R/F

All Dimensions are in mm

NATIONAL INSTITUTE OF TECHNOLOGY HAMIRPUR

BUILDING NAME:
PMAY HFA
OPTION 2
MASONRY BUILDING
FLAT ROOF
ZONE 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
- 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