NOTES:

- All dimensions are in meters, unless wherever specified diameter of the bars shown in mm.

- Dimensions are not to be scaled out, only written dimensions may be taken as correct.

- Size of Beam is 250 X 250 mm.

- Grade of concrete shall be M20.

- All reinforcement shall be of grade Fe 415 confirming to IS:1786-2008.

- Clear Cover to reinforcement shall be 25 mm.

- Bending and fixing of reinforcement shall be as per is:2502-1963.

- Lap length and anchorage length shall be 57 times the bar diameter.

- Further refer notes from the drawing of 'Detail' of footings.

DRG. No. - NIT/CED/2017/OP-2-RCC-SR Z-V/DWG-3

NATIONAL INSTITUTE OF TECHNOLOGY HAMIRPUR

BUILDING NAME:
PMAY HFA
OPTION 2
REINFORCED CONCRETE BUILDING
SLOPING ROOF
ZONE V

DETAIL OF PLINTH BEAM

DESIGNED BY:
Dr. Pardeep Kumar
Dr. Hemant Kumar Vinayak

Dr. Hemant Kumar Vinayak
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Dr. Pardeep Kumar
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DETAILED DRAWING OF REINFORCEMENT OF BEAMS AT ROOF LEVEL

S - 8 mm dia bars @ 100 mm c/c

NOTES:

- All dimensions are in meters, unless wherever specified diameter of the bars shown in mm.
- Dimensions are not to be scaled out, only written dimensions may be taken as correct.
- Size of Beam is 250 X 250 mm.
- Grade of concrete shall be M20.
- All reinforcement shall be of grade Fe 415 confirming to IS:1786-2008.
- Clear Cover to reinforcement shall be 25 mm.
- Bending and fixing of reinforcement shall be as per Is:2502-1963.
- Lap length and anchorage length shall be 57 times the bar diameter
- Further refer notes from the drawing of 'Detail' of footings.

DRG. No. - NIT/CED/2017/OP-2-RCC-SR Z-V/DWG-4

NATIONAL INSTITUTE OF TECHNOLOGY HAMIRPUR

BUILDING NAME:
PMAY HFA
OPTION 2
REINFORCED CONCRETE BUILDING
SLOPING ROOF
ZONE V

DETAIL OF ROOF BEAM

DESIGNED BY:
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