

■ = COLUMN 400MM X 400MM
 V-STEEL LOUVERD VENTILATORS OF SIZE
 600MM X 450MM

A.D.T = AXIS OF TRUSS

*TOTAL NO OF COMPLETE TRUSS-11 NOS.

*HALLOW TRUSS WITHOUT VERTICAL & CROSS BRACING/STRUDS SHALL BE
 PROVIDED AT BOTH ENDS OF THE GABLE END.

DRG. NO.BHE/PW/CS-01

PLAN AT PLINTH LEVEL FOR CLOSED SHED (60M X 15M)

Base Plate
(345x345x20mm Thick)

Bearing Plate
(345x345x16mm Thick)

STIFFNER PLATE, 20mm Thick MS Plate
(Size: 170mmX150mm)
welded to Channel.

BOX OUT OF 2 NOS OF ISMC 250 X 80mm

DETAIL A

4.5mt

1.44 mt

1.44 mt

4.32 mt

1.44 mt

Base Plate 350x350x20mm thk.

400x400mm concrete column

400mm

5mm fillet weld

250

180

BOX OUT OF 2 NOS OF ISMC 250 X 80mm

STIFFNER PLATE, 10mm Thick MS Plate
(Size: 170mmX150mm)
welded to Channel.

20mm

2 Nos of ISMC 250 X 80mm

5mm fillet weld

150mm

STIFFNER PLATE, 10mm Thick MS Plate
(Size: 170mmX150mm)
welded to Channel.

170mm

180mm

DETAIL A

Structural Steel Column of Semi Closed Shed

PROJECT :
5 X 270MW -INDIABULLS, AMRAWATI
MAHARASHTRA



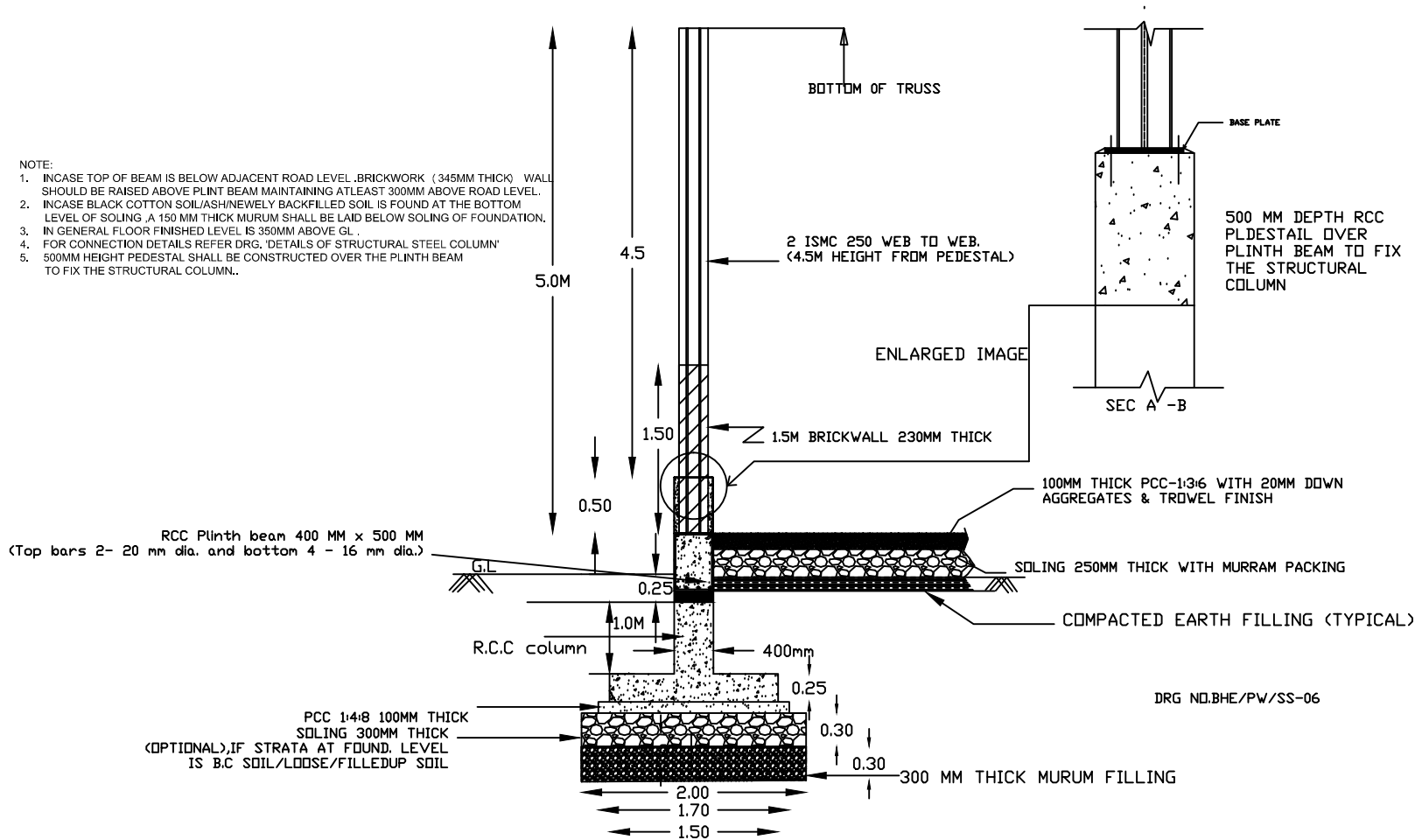
BHARAT HEAVY ELECTRICALS LIMITED

TITLE : DETAILS OF STRUCTURAL STEEL COLUMN
FOR SEMICLOSED SHED

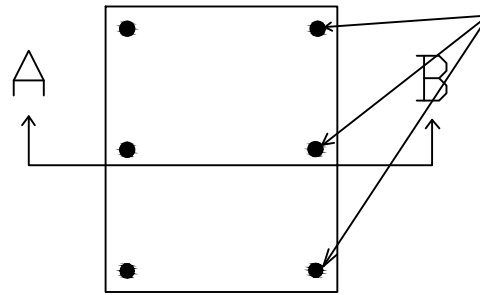
DRG NO - BHE/PW/SS -05A

NOTE:

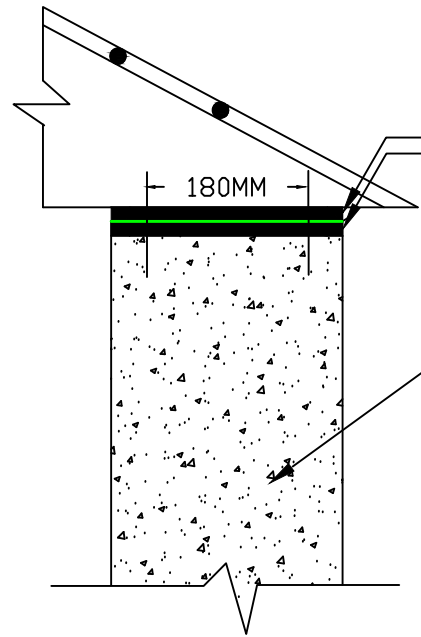
1. INCASE TOP OF BEAM IS BELOW ADJACENT ROAD LEVEL .BRICKWORK (345MM THICK) WALL SHOULD BE RAISED ABOVE PLINT BEAM MAINTAINING ATLEAST 300MM ABOVE ROAD LEVEL.
2. INCASE BLACK COTTON SOIL/ASH/NEWLY BACKFILLED SOIL IS FOUND AT THE BOTTOM LEVEL OF SOLING A 150 MM THICK MURUM SHALL BE LAID BELOW SOLING OF FOUNDATION.
3. IN GENERAL FLOOR FINISHED LEVEL IS 350MM ABOVE GL .
4. FOR CONNECTION DETAILS REFER DRG. 'DETAILS OF STRUCTURAL STEEL COLUMN'
5. 500MM HEIGHT PEDESTAL SHALL BE CONSTRUCTED OVER THE PLINTH BEAM TO FIX THE STRUCTURAL COLUMN..



DETAILS OF PEDESTAL & BRICK WORK FOR STRUCTURAL SEMI CLOSED SHED



MS FOUNDATION BOLTS 16MM Dia. - 4 NOS. AT CORNERS
AND 20MM Dia. - 2No. AT CENTRE.
TOTAL LENGTH OF BOLT - 450MM.



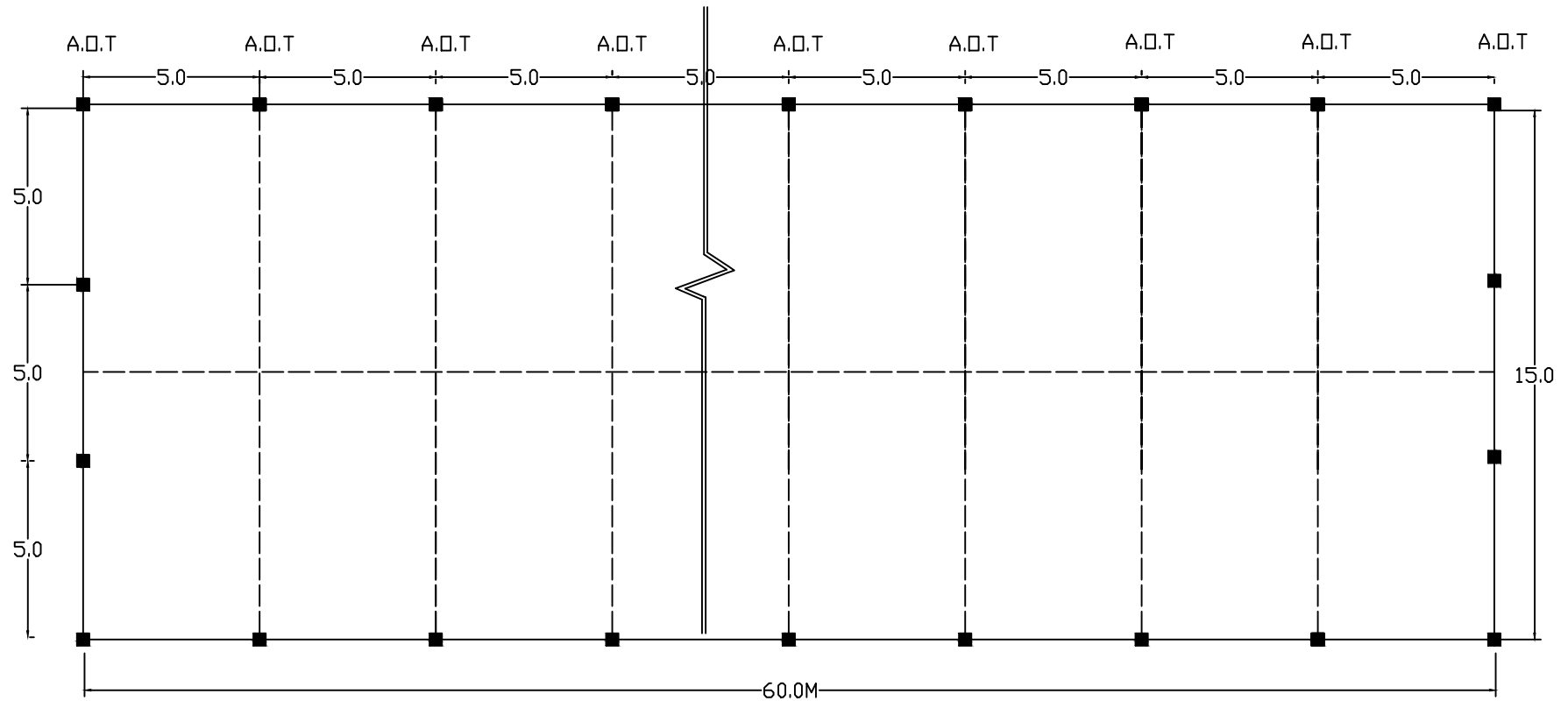
BASE PLATE 345MM X 345MM X 16MM THICK
BEARING PLATE 345MM X 345MM X 20MM THICK

RCC COLUMN 400MM X 400MM

DRG.NO.BHE/PW/CS-07

SEC A - B

DETAILS OF BASE PLATE AT TRUSS LEVEL OF CLOSED STORAGE SHED



■ = COLUMN 400MM X 400MM

A.D.T = AXIS OF TRUSS

*TOTAL NO OF COMPLETE TRUSS-13 NOS. INCLUDING BOTH ENDS.

DRG. NO.BHE/PW/SS-01

PLAN AT PLINTH LEVEL FOR STRUCTURAL SHED (60M X 15M)