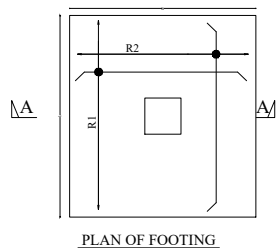


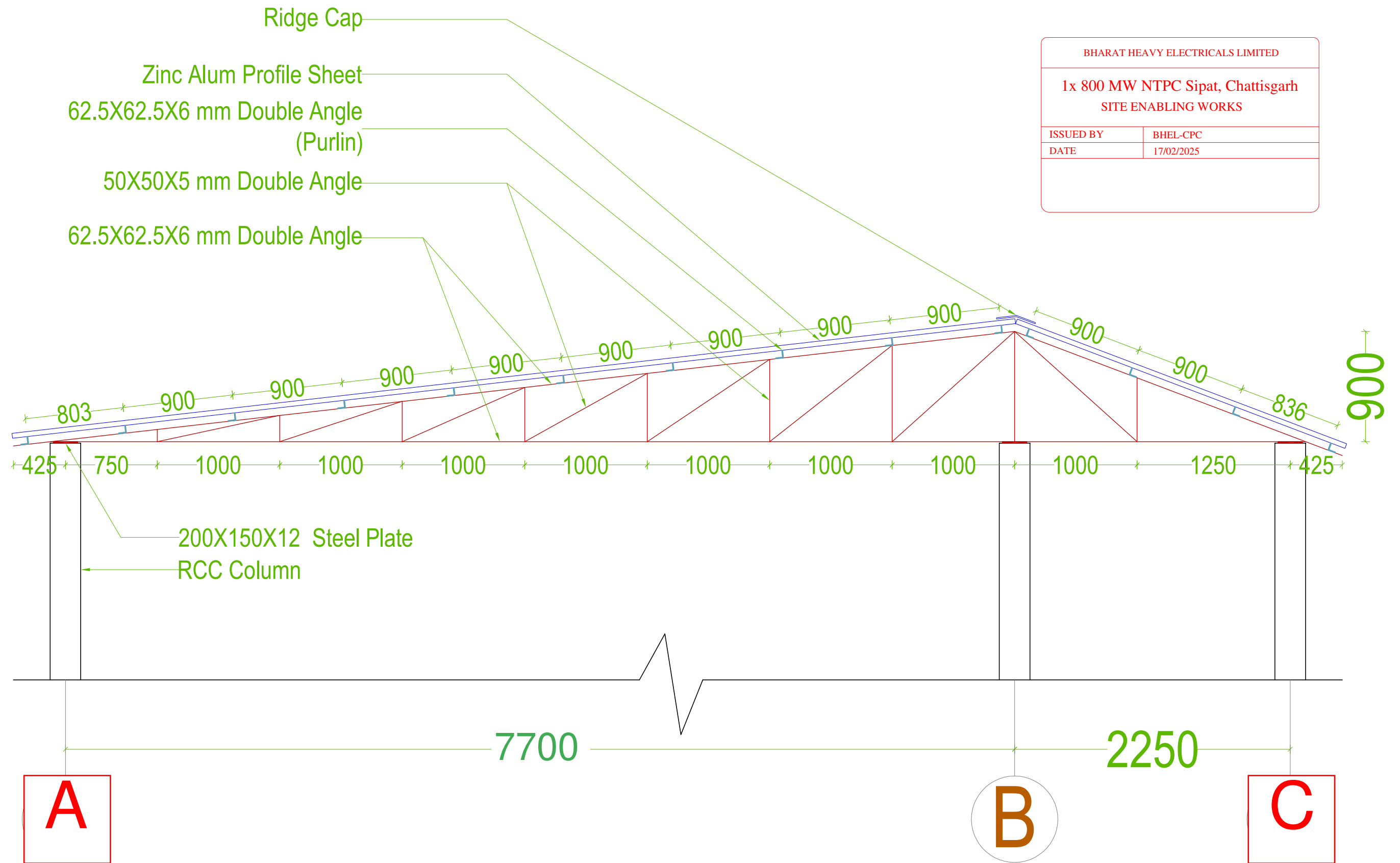
| PLINTH BEAM SECTION DETAILS |             |                |                                |
|-----------------------------|-------------|----------------|--------------------------------|
| BEAM NAME                   | END SECTION | MIDDLE SECTION |                                |
| PB-1                        |             |                | FOR SPAN<br>UPTO 6M            |
| PB-2                        |             |                | FOR SPAN<br>GREATER THAN<br>6M |



| Column Type | Below PL                                                                                                                                                 | Above PL                                                                                                                                                     |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| C1          |  <p>Size: 300X300<br/>4-16 mm Ø<br/>Tie 8 mm Ø @ 100 mm<br/>C/C</p> |  <p>Size: 300X300<br/>4-16 mm Ø<br/>Tie 8 mm Ø @ 100-150<br/>mm C/C</p> |



|                                                          |            |
|----------------------------------------------------------|------------|
| BHARAT HEAVY ELECTRICALS LIMITED                         |            |
| 1x 800 MW NTPC Sipat, Chattisgarh<br>SITE ENABLING WORKS |            |
| ISSUED BY                                                | BHEL-CPC   |
| DATE                                                     | 17/02/2025 |
|                                                          |            |



# Typical Section

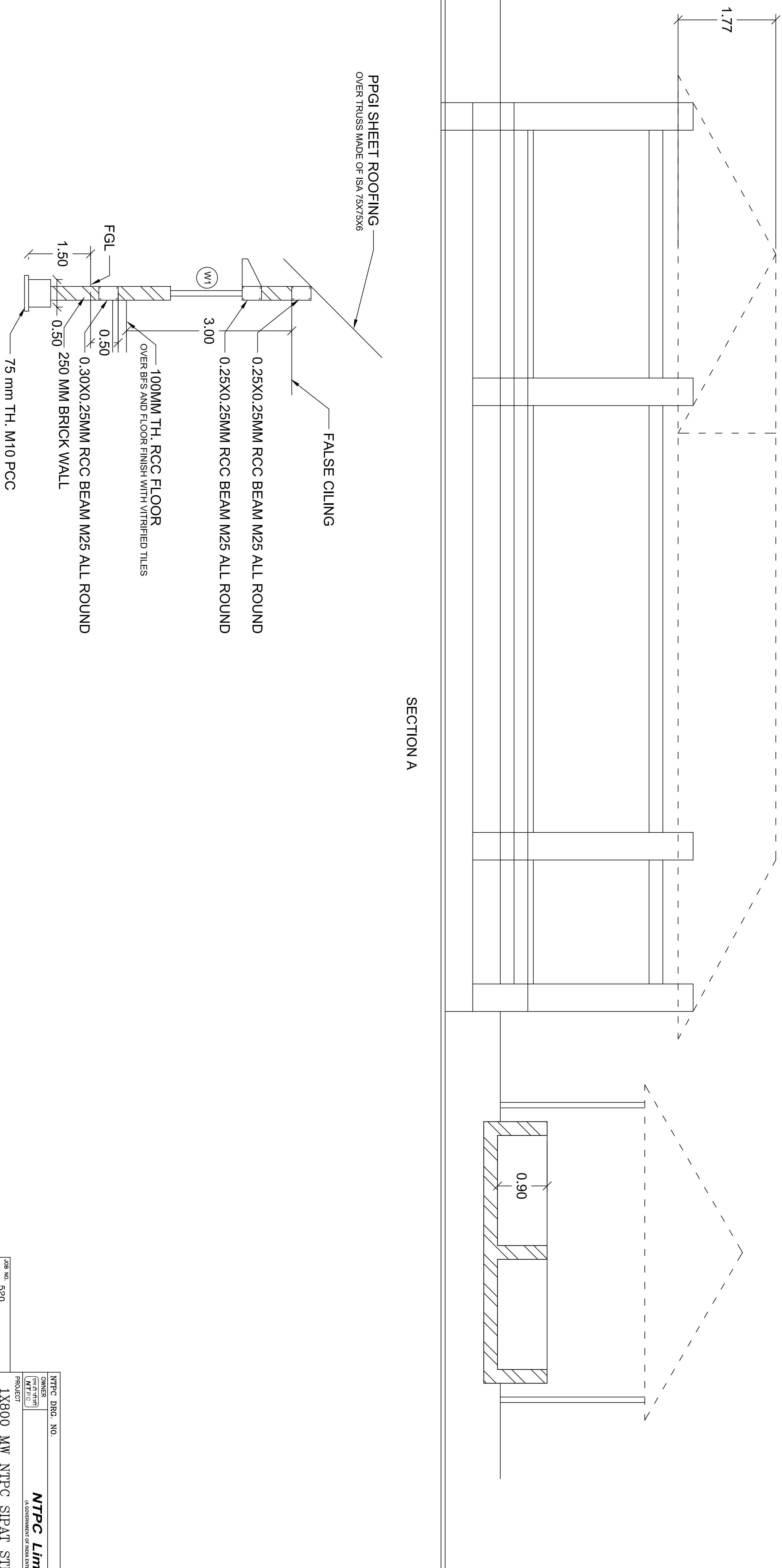
TOP OF COLUMN = +3.5M  
BOTTOM OF FALSE  
CEILING = +3.00



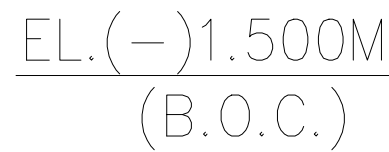
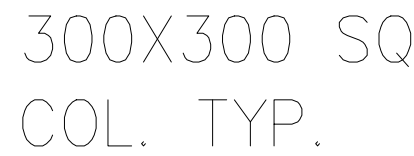


# BHEL QUALITY LAB

## SECTION A



|                                                                                                                   |      |                                                           |     |      |                                                                                   |      |      |             |      |
|-------------------------------------------------------------------------------------------------------------------|------|-----------------------------------------------------------|-----|------|-----------------------------------------------------------------------------------|------|------|-------------|------|
| NTPC DRG. NO.                                                                                                     |      |                                                           |     |      |                                                                                   |      |      |             |      |
| OWNER<br>(Part of NTPC)                                                                                           |      | <b>NTPC Limited</b><br>(A GOVERNMENT OF INDIA ENTERPRISE) |     |      |                                                                                   |      |      |             |      |
| NTPC                                                                                                              |      |                                                           |     |      |                                                                                   |      |      |             |      |
| PROJECT<br><br>IX800 MW NTPC SIPAT STPP, STAGE-III                                                                |      |                                                           |     |      |                                                                                   |      |      |             |      |
| JOB NO. 520                                                                                                       |      |                                                           |     |      |                                                                                   |      |      |             |      |
| STATUS<br>CONTRACT                                                                                                |      |                                                           |     |      |                                                                                   |      |      |             |      |
| DISTRIBUTION                                                                                                      |      |                                                           |     |      |                                                                                   |      |      |             |      |
| REV.                                                                                                              | DATE | AUT.                                                      | CHD | APPR | REV.                                                                              | DATE | AUT. | CHD         | APPR |
|                                                                                                                   |      |                                                           |     |      |                                                                                   |      |      |             |      |
| TITLE<br><br>BHARAT HEAVY ELECTROCHEMICALS LTD.<br>POWER SECTOR<br>PROJECT ENGINEERING MANAGEMENT<br>INDIA (U.P.) |      |                                                           |     |      |                                                                                   |      |      |             |      |
| BHEL QUALITY LABORATORY                                                                                           |      |                                                           |     |      |                                                                                   |      |      |             |      |
| WPL                                                                                                               | ELEC | CAL                                                       | MSE | MAX  | DEPT. SCALE -                                                                     |      |      | DRAWING NO. |      |
| SIGN                                                                                                              |      |                                                           |     |      |  |      |      |             |      |
| DATE                                                                                                              |      |                                                           |     |      | SHEET 1 OF 1 REV.                                                                 |      |      |             |      |



TYP. FOUNDATION PLAN  
Depth-300MM

## PLINTH BEAM SECTION DETAILS

| Column Type |
|-------------|
|-------------|

Below PL

Above PL

C1

Size: 300X300  
4-16 mm Ø  
Tie 8 mm Ø @ 100 mm  
C/C

Size: 300X300  
4-16 mm Ø  
Tie 8 mm Ø @ 100-150  
mm C/C

|                                                                                                                                                                                             |      |     |                                                                                       |     |                                                                                       |             |      |      |      |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----|---------------------------------------------------------------------------------------|-----|---------------------------------------------------------------------------------------|-------------|------|------|------|
| NTPC DRG. NO.                                                                                                                                                                               |      |     |                                                                                       |     |                                                                                       |             |      |      |      |
| OWNER                                                                                                                                                                                       |      |     |  |     |                                                                                       |             |      |      |      |
| PROJECT                                                                                                                                                                                     |      |     | <b>NTPC Limited</b><br>(A GOVERNMENT OF INDIA ENTERPRISE)                             |     |                                                                                       |             |      |      |      |
| 1X800 MW NTPC SIPAT STPP, STAGE-III                                                                                                                                                         |      |     |                                                                                       |     |                                                                                       |             |      |      |      |
|  <b>BHARAT HEAVY ELECTRICALS LTD</b><br>POWER SECTOR<br>PROJECT ENGINEERING MANAGEMENT<br>NOIDA (U.P.) |      |     |                                                                                       |     | DEPT<br>CODE                                                                          | NAME        | SIG  | DATE |      |
|                                                                                                                                                                                             |      |     |                                                                                       |     | C                                                                                     | DESIGN      | Sa/- |      |      |
|                                                                                                                                                                                             |      |     |                                                                                       |     | C                                                                                     | CHD         | Sa/- |      |      |
|                                                                                                                                                                                             |      |     |                                                                                       |     | APPC                                                                                  | Sa/-        |      |      |      |
| TITLE                                                                                                                                                                                       |      |     |                                                                                       |     |                                                                                       |             |      |      |      |
| BHEL QUALITY LABORATORY                                                                                                                                                                     |      |     |                                                                                       |     |                                                                                       |             |      |      |      |
| MPL                                                                                                                                                                                         | ELEC | C&I | MSE                                                                                   | MAX | DEPT. SCALE -                                                                         | DRAWING NO. |      |      |      |
|                                                                                                                                                                                             |      |     |                                                                                       |     | SIGN                                                                                  |             |      |      |      |
|                                                                                                                                                                                             |      |     |                                                                                       |     | DATE                                                                                  |             |      |      |      |
|                                                                                                                                                                                             |      |     |                                                                                       |     |  |             |      |      |      |
|                                                                                                                                                                                             |      |     |                                                                                       |     | SHEET                                                                                 | 1           | OF   | 1    | REV. |