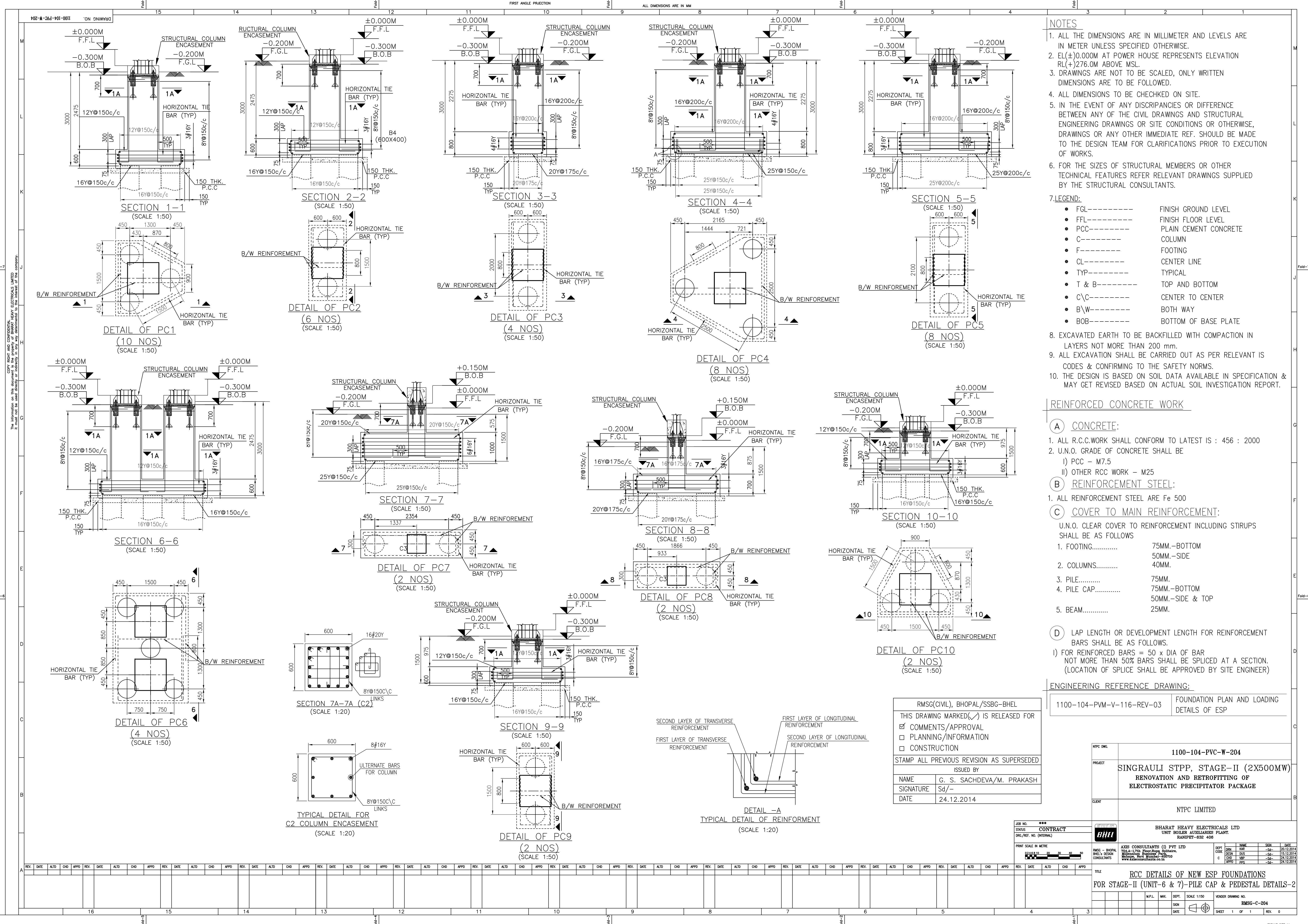




- NOTES**
1. ALL THE DIMENSIONS ARE IN MILLIMETER AND LEVELS ARE IN METER UNLESS SPECIFIED OTHERWISE.
 2. EL(±)0.000M AT POWER HOUSE REPRESENTS ELEVATION RL(+)276.0M ABOVE MSL.
 3. DRAWINGS ARE NOT TO BE SCALED, ONLY WRITTEN DIMENSIONS ARE TO BE FOLLOWED.
 4. ALL DIMENSIONS TO BE CHECKED ON SITE.
 5. IN THE EVENT OF ANY DISCREPANCIES OR DIFFERENCE BETWEEN ANY OF THE CIVIL DRAWINGS AND STRUCTURAL ENGINEERING DRAWINGS OR SITE CONDITIONS OR OTHERWISE, DRAWINGS OR ANY OTHER IMMEDIATE REF. SHOULD BE MADE TO THE DESIGN TEAM FOR CLARIFICATIONS PRIOR TO EXECUTION OF WORKS.
 6. FOR THE SIZES OF STRUCTURAL MEMBERS OR OTHER TECHNICAL FEATURES REFER RELEVANT DRAWINGS SUPPLIED BY THE STRUCTURAL CONSULTANTS.
 7. LEGEND:
 - FGL----- FINISH GROUND LEVEL
 - FFL----- FINISH FLOOR LEVEL
 - PCC----- PLAIN CEMENT CONCRETE
 - C----- COLUMN
 - F----- FOOTING
 - CL----- CENTER LINE
 - TYP----- TYPICAL
 - T & B----- TOP AND BOTTOM
 - C/C----- CENTER TO CENTER
 - B/W----- BOTH WAY
 - BOB----- BOTTOM OF BASE PLATE
 8. EXCAVATED EARTH TO BE BACKFILLED WITH COMPACTION IN LAYERS NOT MORE THAN 200 mm.
 9. ALL EXCAVATION SHALL BE CARRIED OUT AS PER RELEVANT IS CODES & CONFIRMING TO THE SAFETY NORMS.
 10. THE DESIGN IS BASED ON SOIL DATA AVAILABLE IN SPECIFICATION & MAY GET REVISED BASED ON ACTUAL SOIL INVESTIGATION REPORT.

- REINFORCED CONCRETE WORK**
- (A) CONCRETE:**
1. ALL R.C.C.WORK SHALL CONFORM TO LATEST IS : 456 : 2000
 2. U.N.O. GRADE OF CONCRETE SHALL BE
 - I) PCC – M7.5
 - II) OTHER RCC WORK – M25
- (B) REINFORCEMENT STEEL:**
1. ALL REINFORCEMENT STEEL ARE Fe 500
- (C) COVER TO MAIN REINFORCEMENT:**
- U.N.O. CLEAR COVER TO REINFORCEMENT INCLUDING STIRUPS SHALL BE AS FOLLOWS
- | | |
|------------------|----------------------------------|
| 1. FOOTING..... | 75MM.-BOTTOM
50MM.-SIDE |
| 2. COLUMNS..... | 40MM. |
| 3. PILE..... | 75MM. |
| 4. PILE CAP..... | 75MM.-BOTTOM
50MM.-SIDE & TOP |
| 5. BEAM..... | 25MM. |
- (D) LAP LENGTH OR DEVELOPMENT LENGTH FOR REINFORCEMENT BARS SHALL BE AS FOLLOWS.**
- I) FOR REINFORCED BARS = 50 x DIA OF BAR
NOT MORE THAN 50% BARS SHALL BE SPLICED AT A SECTION.
(LOCATION OF SPLICE SHALL BE APPROVED BY SITE ENGINEER)

ENGINEERING REFERENCE DRAWING:

1100-104-PVM-V-116-REV-03

FOUNDATION PLAN AND LOADING
DETAILS OF ESP

NTPC DWG.

1100-104-PVC-W-204

PROJECT

SINGRAULI STPP, STAGE-II (2X500MW)
RENOVATION AND RETROFITTING OF
ELECTROSTATIC PRECIPITATOR PACKAGE

CLIENT

NTPC LIMITED

CONTRACT

10 20 30 40 50

TD CHD APPD

BHARAT HEAVY ELECTRICALS LTD

UNIT BOILER AUXILIARIES PLANT,
RANIPET-632 406

RMSG - BHOPAL
BHHL'S DESIGN
CONSULTANTS

AXIS CONSULTANTS (I) PVT LTD
705-A-1, 7th Floor, Rupa, Solitaire,
Mumbai, Ravti Member-400010
www.axisconsultants.co.in

DEPT CODE
C

NAME	DATE
DIN KAR	20.12.2014
DESH DUS	15.12.2014
CHD VBP	24.12.2014
APPD PPS	24.12.2014

TITLE

RCC DETAILS OF NEW ESP FOUNDATIONS
FOR STAGE-II (UNIT-6 & 7)-PILE CAP & PEDESTAL DETAILS-2

M.P.L. MAX. DEPT. SCALE 1:150

VENDOR DRAWING NO.

DEPT. SIGN DATE

RMSG-C-204

SHEET 1 OF 1 REV. 0