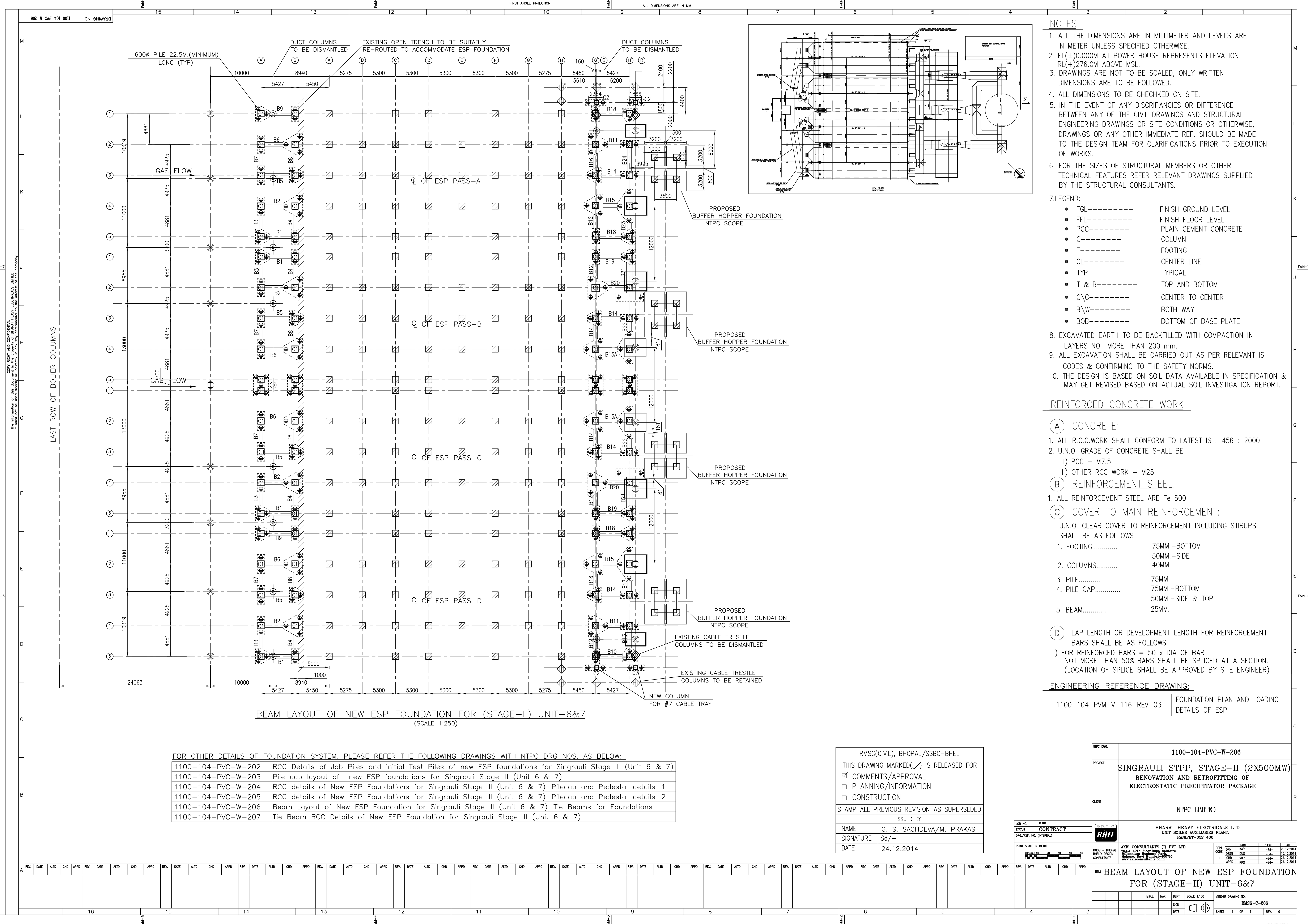




- NOTES
1. ALL THE DIMENSIONS ARE IN MILLIMETER AND LEVELS ARE IN METER UNLESS SPECIFIED OTHERWISE.

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-----

• FFL-----

• PCC-----

• C-----

• F-----

• CL-----

• TYP-----

• T & B-----

• C\C-----

• B\W-----

• BOB-----

FINISH GROUND LEVEL

FINISH FLOOR LEVEL

PLAIN CEMENT CONCRETE

COLUMN

FOOTING

CENTER LINE

TYPICAL

TOP AND BOTTOM

CENTER TO CENTER

BOTH WAY

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.....

2. COLUMNS.....

3. PILE.....

4. PILE CAP.....

5. BEAM.....

75MM.-BOTTOM

50MM.-SIDE

40MM.

75MM.-BOTTOM

50MM.-SIDE & TOP

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
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- FOR OTHER DETAILS OF FOUNDATION SYSTEM, PLEASE REFER THE FOLLOWING DRAWINGS WITH NTPC DRG NOS. AS BELOW:

1100-104-PVC-W-202	RCC Details of Job Piles and initial Test Piles of new ESP foundations for Singrauli Stage-II (Unit 6 & 7)
1100-104-PVC-W-203	Pile cap layout of new ESP foundations for Singrauli Stage-II (Unit 6 & 7)
1100-104-PVC-W-204	RCC details of New ESP Foundations for Singrauli Stage-II (Unit 6 & 7)-Pilecap and Pedestal details-1
1100-104-PVC-W-205	RCC details of New ESP Foundations for Singrauli Stage-II (Unit 6 & 7)-Pilecap and Pedestal details-2
1100-104-PVC-W-206	Beam Layout of New ESP Foundation for Singrauli Stage-II (Unit 6 & 7)-Tie Beams for Foundations
1100-104-PVC-W-207	Tie Beam RCC Details of New ESP Foundation for Singrauli Stage-II (Unit 6 & 7)
- RMSG(CIVIL), BHOPAL/SSBG-BHEL

THIS DRAWING MARKED(✓) IS RELEASED FOR

☒ COMMENTS/APPROVAL

☐ PLANNING/INFORMATION

☐ CONSTRUCTION

STAMP ALL PREVIOUS REVISION AS SUPERSEDED

ISSUED BY

NAME

G. S. SACHDEVA/M. PRAKASH

SIGNATURE

Sd/-

DATE

24.12.2014
- | | | | |
|----------------------|---|-------------------------|-----------------|
| JOB NO. *** | STATUS CONTRACT | DRG/REF. NO. (INTERNAL) | DATE 24.12.2014 |
| PRINT SCALE IN METRE | AXIS CONSULTANTS (I) PVT LTD | NAME | SIGN |
| 0 10 20 30 40 50 | RMSG - BHOPAL | DESIGN | CHK |
| | 704-A-17th Floor,Rupa Solitaire, Mahape, Navi Mumbai-400710 | DATE | 24.12.2014 |
| | www.axisconsultants.co.in | APPD | ISS |
- | | | | |
|---|------|--------------------|-------------|
| TITLE BEAM LAYOUT OF NEW ESP FOUNDATION FOR (STAGE-II) UNIT-6&7 | | | |
| M.P.L. | MAX. | DEPT. | SCALE 1:150 |
| SIGN | DATE | VENDOR DRAWING NO. | RMSG-C-206 |
| SHEET 1 OF 1 | | REV. 0 | |
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