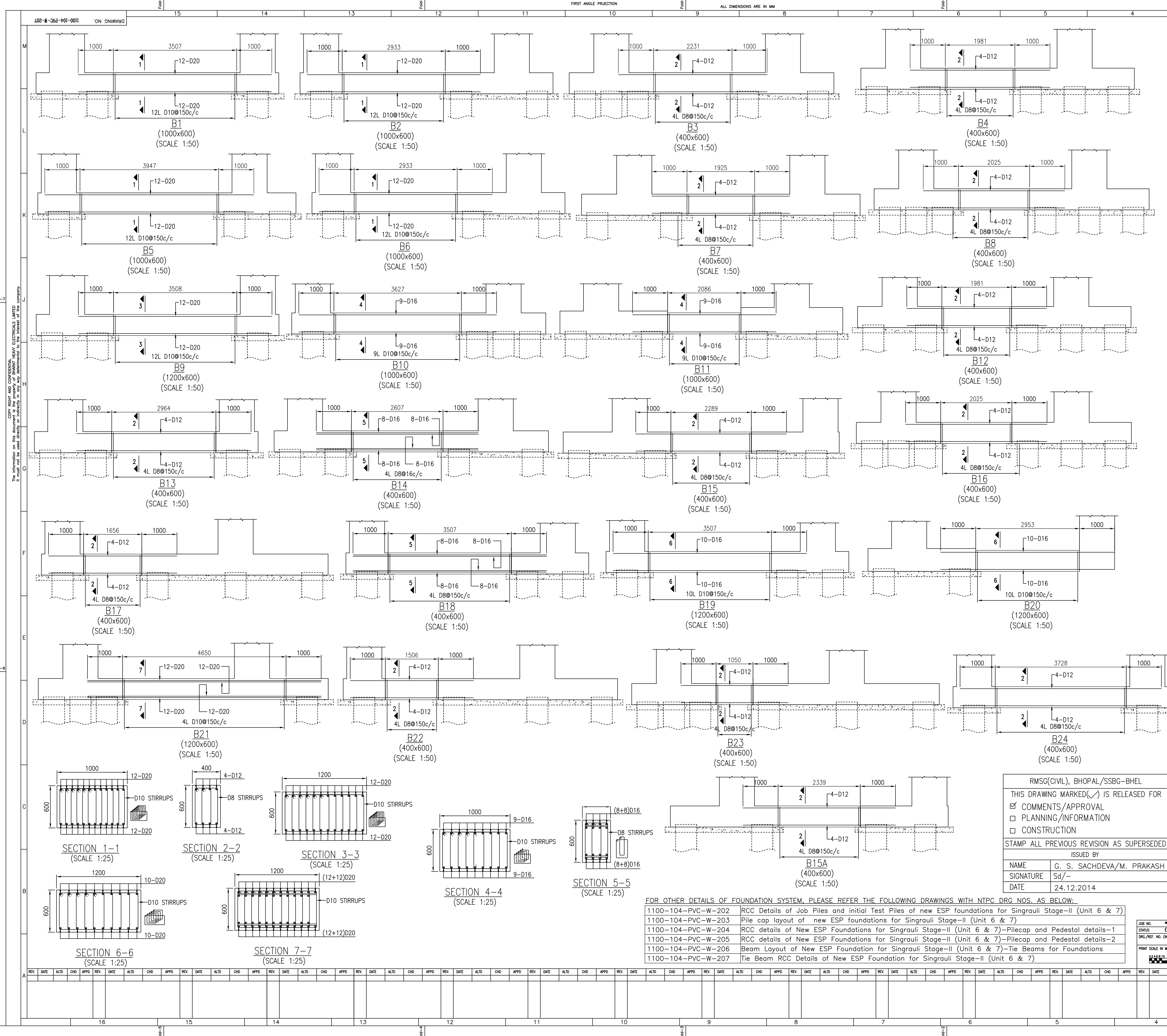




NOTES

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
40MM.
 2. COLUMNS..... 75MM.-BOTTOM
50MM.-SIDE & TOP
25MM.
 3. PILE..... 75MM.
 4. PILE CAP..... 75MM.-BOTTOM
50MM.-SIDE & TOP
25MM.
 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)

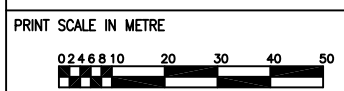
ENGINEERING REFERENCE DRAWING:

1100-104-PVM-V-116-REV-03	FOUNDATION PLAN AND LOADING DETAILS OF ESP
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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

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)		

JOB NO.	***
STATUS	CONTRACT
DRG./REF. NO. (INTERNAL)	



AXIS CONSULTANTS (I) PVT LTD			
NAME	DRN	KAR	SIGN
DESIGN	DES	DES	DES
CHECK	VER	VER	VER
APPD	APP	APP	APP

TIE BEAM RCC DETAILS OF NEW ESP FOUNDATIONS FOR (STAGE-II) UNIT-6&7			
M.P.L.	MAX.	DEPT.	SCALE 1:150
SIGN	DATE	VENDOR DRAWING NO.	RMSG-C-207
SHEET 1 OF 1		REV. 0	