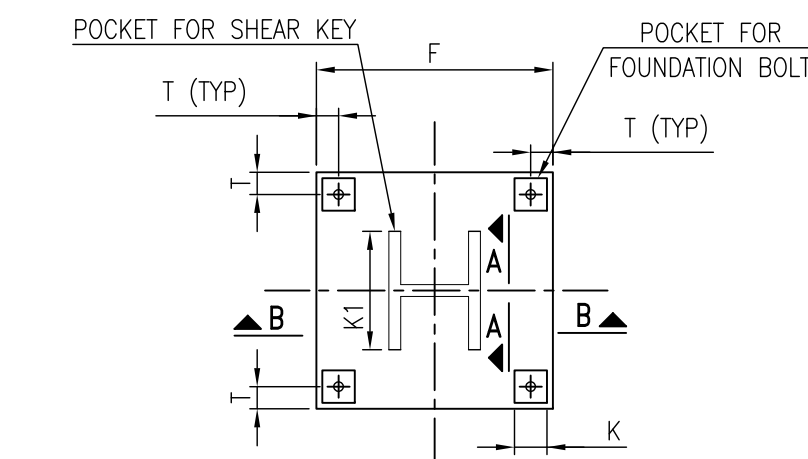
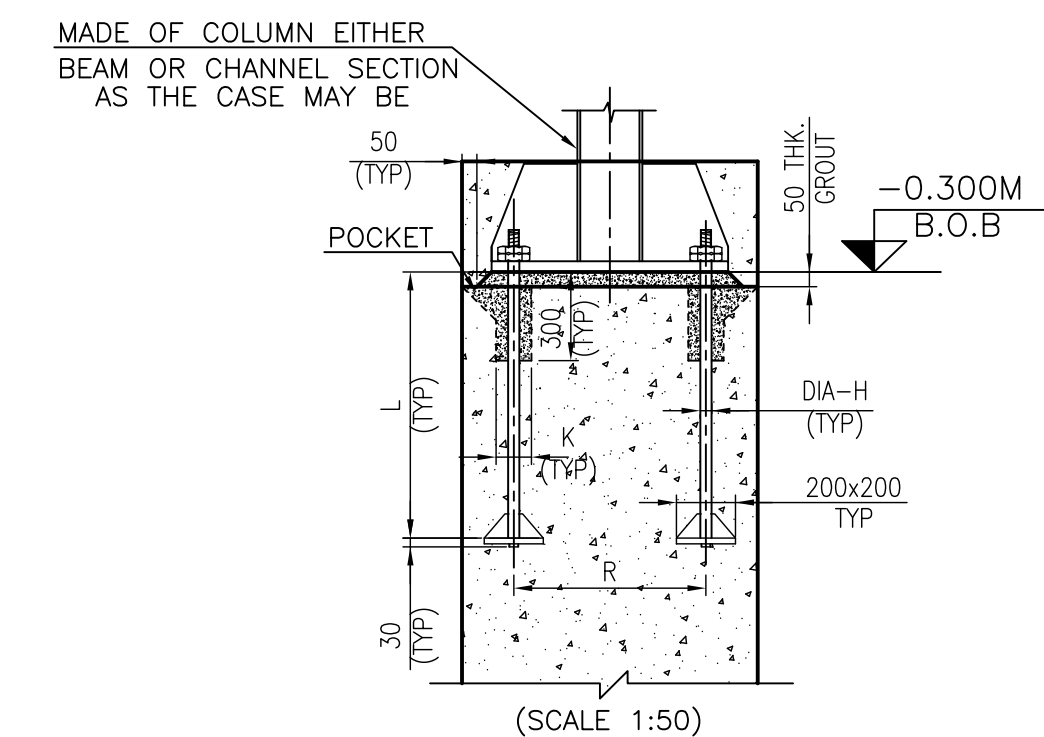
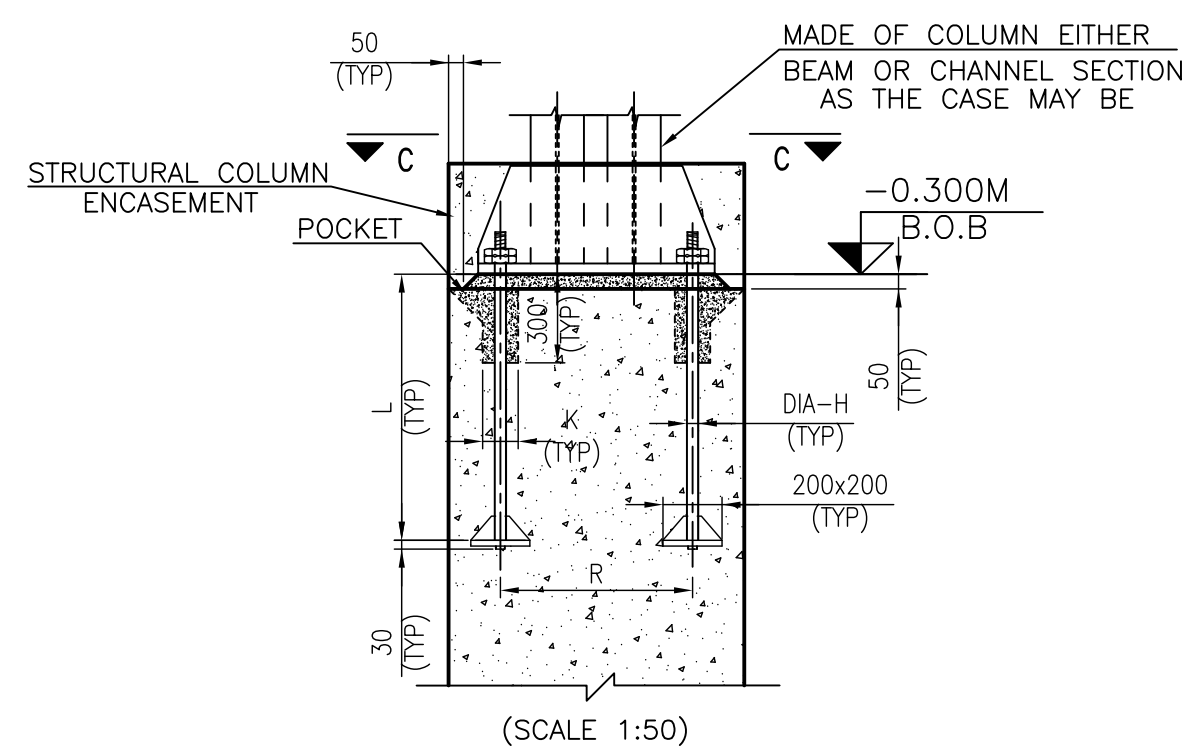
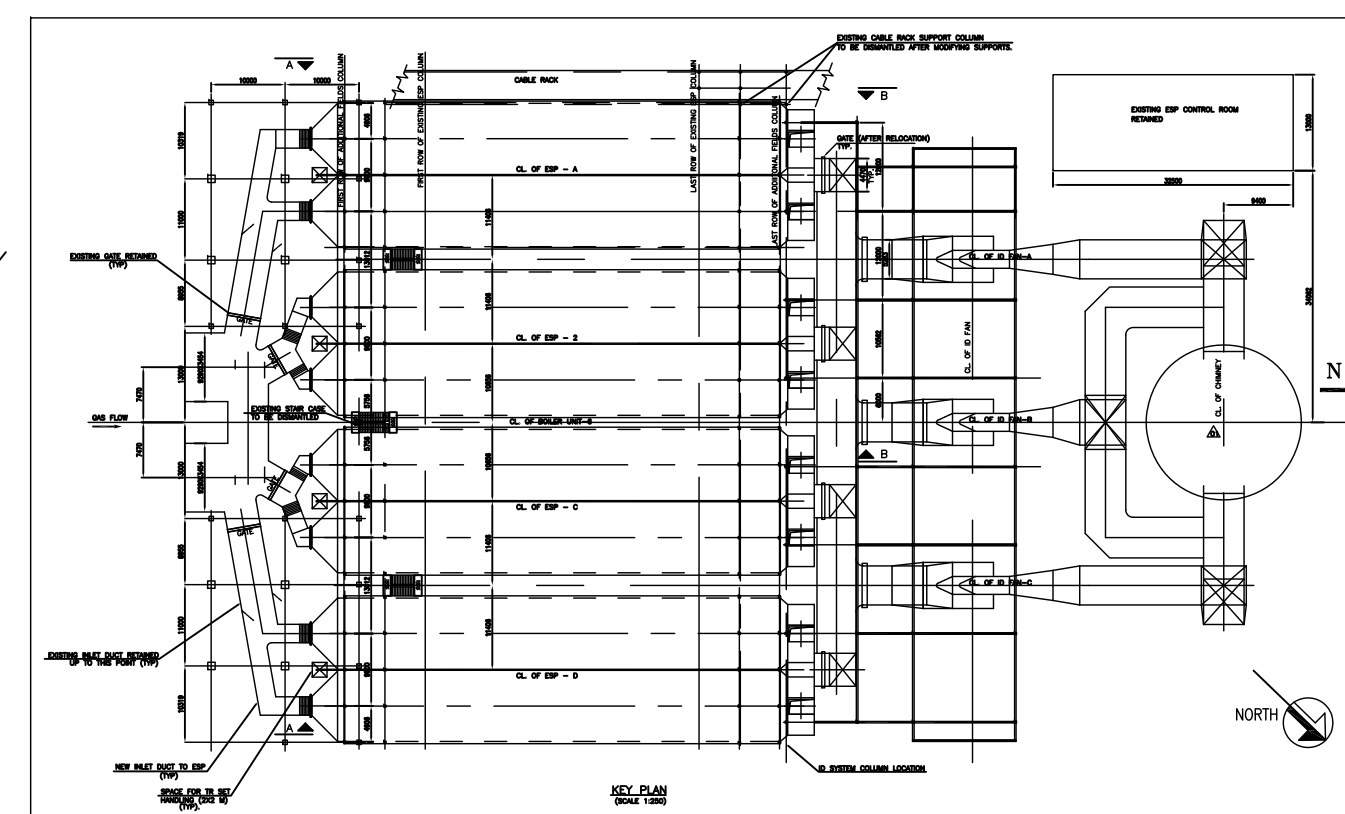
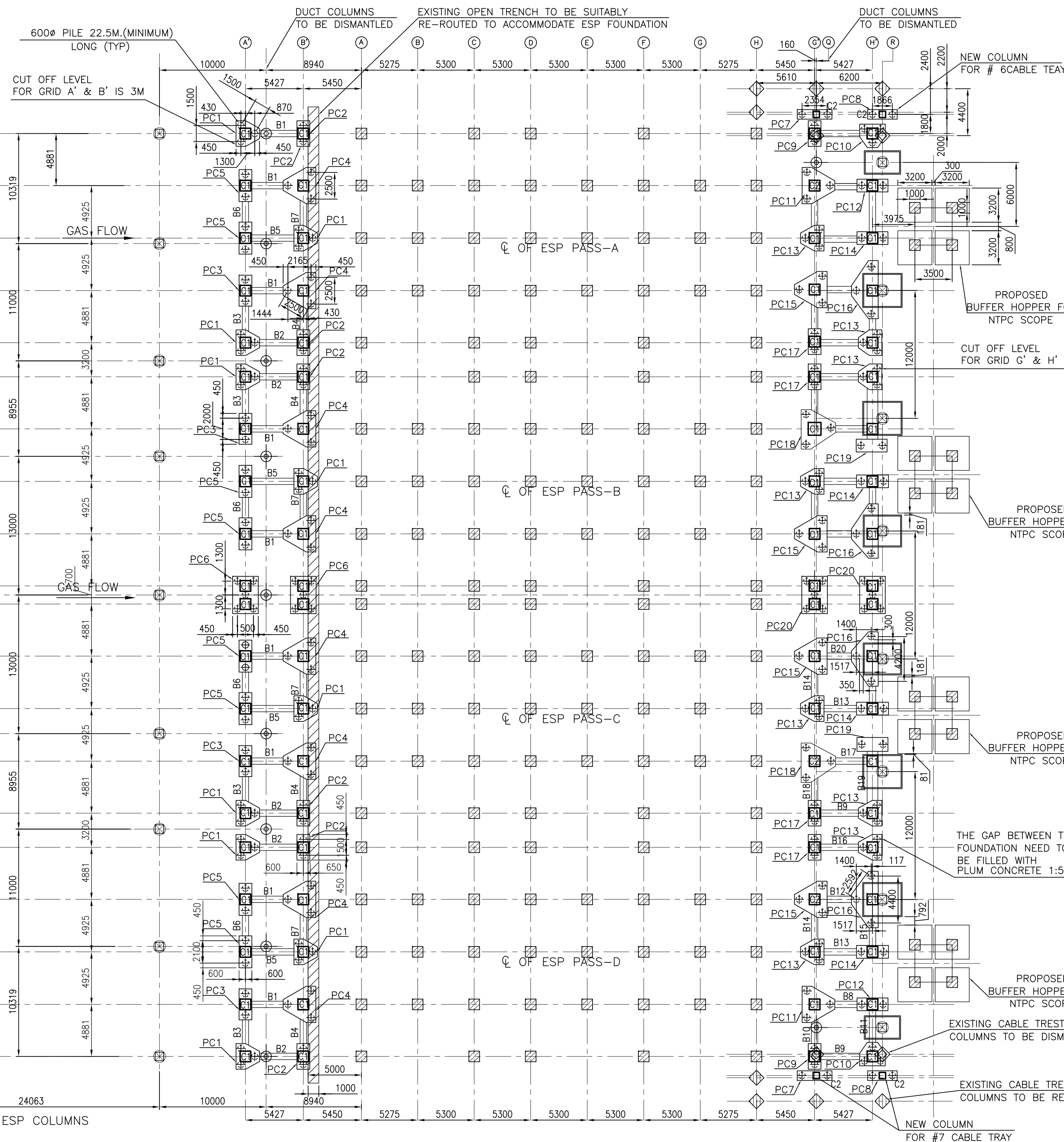
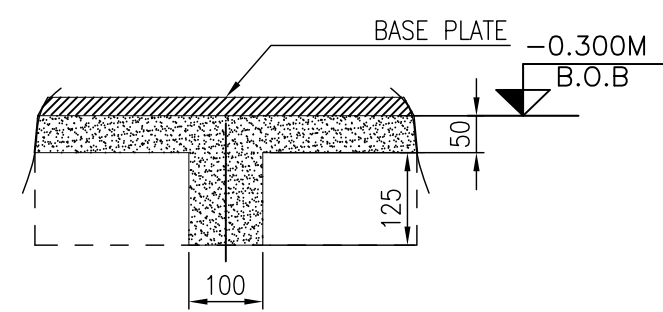
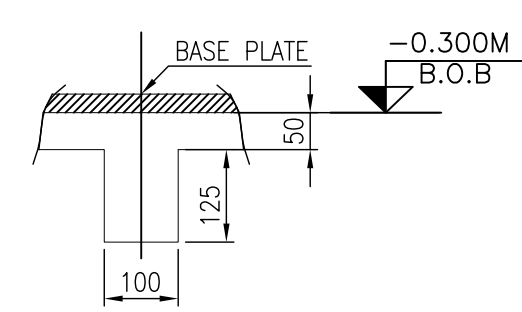




SECTION C-C
BASE PLATE DETAIL
(WITH SHEAR KEY)
(SCALE 1:50)



SECTION B-B
(SCALE 1:20)



SECTION A-A
(SCALE 1:20)

NOTES

- ALL THE DIMENSIONS ARE IN MILLIMETER AND LEVELS ARE IN METER UNLESS SPECIFIED OTHERWISE.
 - EL(±)0.000M AT POWER HOUSE REPRESENTS ELEVATION RL(+276.0M ABOVE MSL).
 - DRAWINGS ARE NOT TO BE SCALED, ONLY WRITTEN DIMENSIONS ARE TO BE FOLLOWED.
 - ALL DIMENSIONS TO BE CHECKED ON SITE.
 - 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.
 - 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
- EXCAVATED EARTH TO BE BACKFILLED WITH COMPACTION IN LAYERS NOT MORE THAN 200 mm.
 - ALL EXCAVATION SHALL BE CARRIED OUT AS PER RELEVANT IS CODES & CONFIRMING TO THE SAFETY NORMS.
 - THE DESIGN IS BASED ON SOIL DATA AVAILABLE IN SPECIFICATION & MAY GET REVISED BASED ON ACTUAL SOIL INVESTIGATION REPORT.

REINFORCED CONCRETE WORK

(A) CONCRETE:

- ALL R.C.C.WORK SHALL CONFORM TO LATEST IS : 456 : 2000
- U.N.O. GRADE OF CONCRETE SHALL BE
 - PCC - M7.5
 - OTHER RCC WORK - M25

(B) REINFORCEMENT STEEL:

- ALL REINFORCEMENT STEEL ARE Fe 500

(C) COVER TO MAIN REINFORCEMENT:

U.N.O. CLEAR COVER TO REINFORCEMENT INCLUDING STIRUPS SHALL BE AS FOLLOWS

- FOOTING..... 75MM.-BOTTOM
50MM.-SIDE
- COLUMNS..... 40MM.
- PILE..... 75MM.
- PILE CAP..... 75MM.-BOTTOM
50MM.-SIDE & TOP
- BEAM..... 25MM.

(D) LAP LENGTH OR DEVELOPMENT LENGTH FOR REINFORCEMENT BARS SHALL BE AS FOLLOWS.

- FOR REINFORCED BARS = 50 x DIA OF BAR NOT MORE THAN 50% BARS SHALL BE SPICED AT A SECTION. (LOCATION OF SPICE 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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- EXISTING ESP COLUMNS
- NEW ESP COLUMNS
- EXISTING DUCT COLUMNS TO BE RETAINED)
- EXISTING DUCT COLUMNS TO BE DISMANTLED)
- JOB PILE FOR NEW ESP COLUMN
- EXISTING CABLE TRESTLE COLUMNS TO BE RETAINED)
- EXISTING CABLE TRESTLE COLUMNS TO BE DISMANTLED)

PILE CAP LAYOUT OF NEW ESP FOUNDATION FOR (STAGE-II) UNIT-6&7
TOTAL NO OF JOB PILES-212 (FOR ONE UNIT)
(SCALE 1:250)

GROUP OF COLUMN	F	R	H	K	L	T	K1	K2	REMARKS
I	800	650	40	120	700	75	350	-	A1',A2,A3',A4',A5, B1',B2,B3',B4',B5, G1',G2,G3',G4',G5, H1',H2,H3',H4',H5,

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.	***
SERIES	CONTRACT
DRG./REF. NO. (INTERNAL)	
PRINT SCALE IN METRE	1:100

RMSG - BHOPAL	AXIS CONSULTANTS (I) PVT LTD
BHEL'S DESIGN	704-A-17th Floor, Ring, Sillatane,
CONSULTANTS	Madhya Pradesh, Bhopal-462010
	www.axisconsultants.co.in

REPT	CHK	APP	DATE
008	DES	DUS	20.12.2014
C	CHK	VSP	14.12.2014
	APP	PPS	24.12.2014

TITLE PILE CAP LAYOUT OF NEW ESP FOUNDATIONS
FOR (STAGE-II) UNIT-6&7

M.P.L.	MAX.	DEPT.	SCALE 1:150	VENDOR DRAWING NO.
				RMSG-C-203
SIGN	DATE			SHEET 1 OF 1
				REV. 0