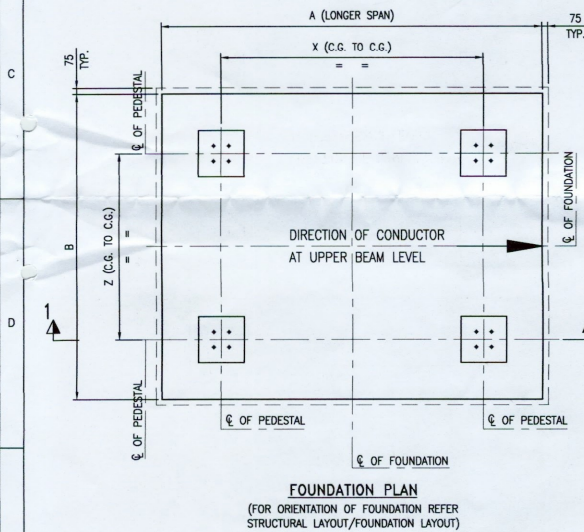
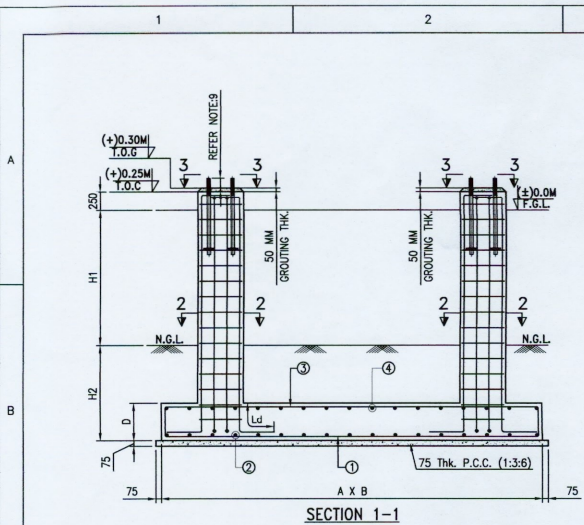


SCHEDULE OF 132kV TOWER FOUNDATION																	
S.NO.	TOWER TYPE	A mm	B mm	X mm	Z mm	'a' mm	H2 mm	H1 mm	D mm	FOOTING REINFORCEMENT				COLUMN REINFORCEMENT		FDN BOLT	
										① (BOTTOM)	② (BOTTOM)	③ (TOP)	④ (TOP)	⑤	⑥	DIA	n
1	DA	5900	5900	1927	1927	500	1500	2550	500	12 Φ 150 C/C	12 Φ 150 C/C	12 Φ 200 C/C	12 Φ 200 C/C	4-25 Φ	4-25 Φ	40 Φ	04
2	DB	5700	4700	1914	1414	500	1500	2125	500	12 Φ 200 C/C	12 Φ 200 C/C	12 Φ 200 C/C	12 Φ 200 C/C	4-25 Φ	4-25 Φ	40 Φ	04
3	DE	4600	4600	1443	1443	500	1500	2375	400	12 Φ 150 C/C	12 Φ 150 C/C	12 Φ 200 C/C	12 Φ 200 C/C	4-20 Φ	4-20 Φ	40 Φ	03
4	DF	5200	4200	1943	1443	500	1500	2550	500	12 Φ 200 C/C	12 Φ 200 C/C	12 Φ 200 C/C	12 Φ 200 C/C	4-20 Φ	4-16 Φ	40 Φ	03
5	DAP	5800	5800	1927	1927	500	1500	1975	500	12 Φ 125 C/C	12 Φ 125 C/C	12 Φ 200 C/C	12 Φ 200 C/C	4-25 Φ	8-25 Φ	40 Φ	04
6	DBP	6300	5300	1914	1414	500	1500	2150	500	16 Φ 175 C/C	16 Φ 175 C/C	12 Φ 200 C/C	12 Φ 200 C/C	4-25 Φ	8-25 Φ	40 Φ	04
7	DCP	6400	6400	1914	1914	600	1500	2000	500	16 Φ 150 C/C	16 Φ 150 C/C	12 Φ 200 C/C	12 Φ 200 C/C	4-25 Φ	12-25 Φ	40 Φ	04
8	DEx	4600	4600	1443	1443	500	1500	1875	400	12 Φ 150 C/C	12 Φ 150 C/C	12 Φ 200 C/C	12 Φ 200 C/C	4-20 Φ	4-20 Φ	40 Φ	03
9	DC	6200	6200	1914	1914	500	1500	2100	500	12 Φ 125 C/C	12 Φ 125 C/C	12 Φ 200 C/C	12 Φ 200 C/C	4-25 Φ	8-25 Φ	40 Φ	04

NOTE

- ALL DIMENSIONS ARE IN M.M. AND ALL LEVELS ARE IN METERS.
- ONLY WRITTEN DIMENSIONS TO BE FOLLOWED AND DRAWING NOT TO BE SCALED.
- ELEVATION (±)0.00 CORRESPONDS TO FINISHED GROUND LEVEL AND THAT REFERS TO RL 100.300M: 180.764m.
- CLEAR COVER TO MAIN REINFORCEMENT SHALL BE AS BELOW:
 - FOR FOUNDATION = 50mm.
 - FOR COLUMN = 50mm.
- ALL STRUCTURAL CONCRETE SHALL BE OF M20 GRADE.
- ALL STRUCTURAL STEEL SHALL BE OF Fe 500 GRADE.
- LAP LENGTH SHALL BE 55 TIMES THE DIAMETER OF BAR.
- FOR BOLT SETTING OUT PLAN REFER FABRICATION DRAWING OF RESPECTIVE TOWER.
- FOR BOLT PROJECTION REFER STANDARD FOUNDATION BOLT DRAWING.

Note: This drawing stands approved for RCC and reinforcement details of foundation, not for fdn. bolt dia & specification.

LEGEND

NGL - NATURAL GROUND LEVEL.
FGL - FINISHED GROUND LEVEL.
TOG - TOP OF GROUT.
TOC - TOP OF CONCRETE.

REFERENCE DRAWINGS

- KEC-SB937-GRI-01-1001 - OVERALL GENERAL ARRANGEMENT LAYOUT PLAN.
- KEC-SB937-GRI-90-0001 - STRUCTURE LAYOUT PLAN AND SECTION.
- KEC-SB937-GRI-90-0002 - OVERALL FOUNDATION LAYOUT.
- KEC-SB937-GRI-94-1309 - FOUNDATION BOLT DETAIL FOR TOWERS.

BIHAR STATE POWER TRANSMISSION COMPANY LIMITED (BSPTCL)

Title: RCC DETAILS OF FOUNDATION FOR 132KV TOWER

DWG. NO. : CD_132KV TOWE_13

Scale : 1:50 **Sheet : 01 OF 01**

Drawing is approved subject to overall responsibility of the contractor in terms of contract agreement or, turn key for the work

Supervising Engineer (Civil) BSPTCL

Assistant Engineer (Civil) BSPTCL

Chief Engineer (Civil) B.S.P.T.C.L.

DETAIL - 'B'