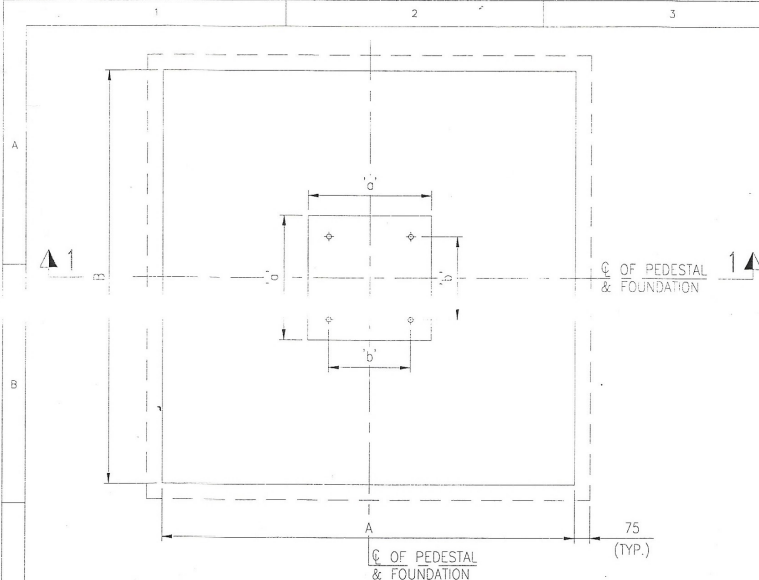
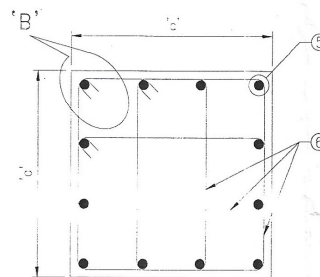
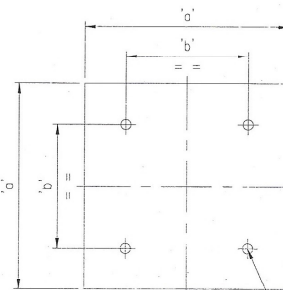
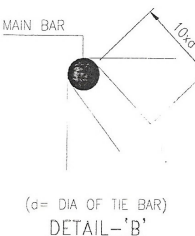
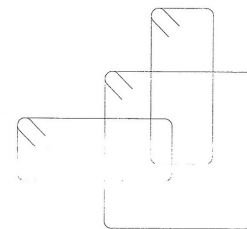




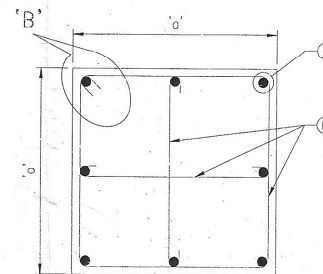
FOUNDATION PLAN
(FOR ORIENTATION OF FOUNDATION REFER
FOUNDATION LAYOUT)



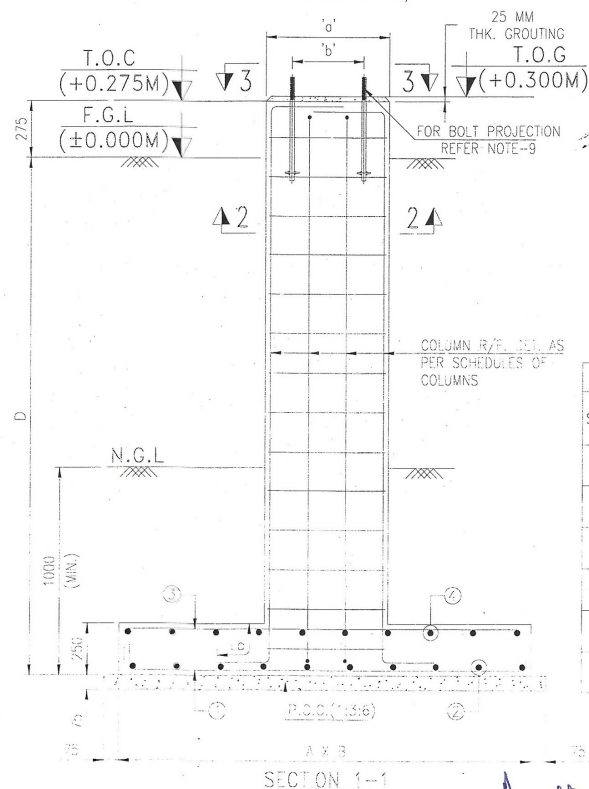
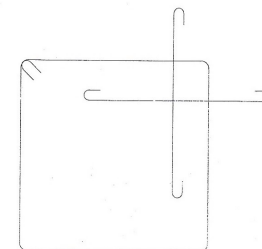
SECTION 2-2
(FOR BPI)



VIEW 3-3



SECTION 2-2
(FOR CT, CVT & LA)



SECTION 1-1

SCHEDULE OF 132KV EQUIPMENT FOUNDATION												
S.NO.	EQU. TYPE	FND. QTY.	A mm	B mm	'a' mm	'b' mm	D mm	FOOTING REINFORCEMENT				FND BOLT
								① (BOTTOM)	② (BOTTOM)	③ (TOP)	④ (TOP)	
1	BPI	58	2500	2500	500	300	3530	12@200 C/C	12@200 C/C	12@200 C/C	12@200 C/C	12-12 8@190 C/C 20# C4
2	BPI*	01	2500	2500	500	300	2570	12@200 C/C	12@200 C/C	12@200 C/C	12@200 C/C	12-12 8@190 C/C 20# C4
3	CT	36	2300	2300	500	300	3120	12@250 C/C	12@250 C/C	12@250 C/C	12@250 C/C	8-12 8@190 C/C 20# C4
4	CVT	21	1700	1700	500	300	3140	12@250 C/C	12@250 C/C	12@250 C/C	12@250 C/C	8-12 8@190 C/C 20# C4
5	LA	24	1900	1900	500	300	3500	12@250 C/C	12@250 C/C	12@250 C/C	12@250 C/C	8-12 8@190 C/C 20# C4
6	LA*	09	1900	1900	500	300	2100	12@250 C/C	12@250 C/C	12@250 C/C	12@250 C/C	8-12 8@190 C/C 20# C4

SPECIAL NOTE:
FOR LOCATION OF BPI* & LA* REFER OVERALL FOUNDATION LAYOUT.

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

Amrith
27/12/19
Assistant Engineer (Civil)
BSPTCL

27/12
Executive Engineer (Civil)
B.S.P.T.C.L

27/12/19
Superintending Engineer (Civil)
BSPTCL

27/12/19
Chief Engineer (Civil)
B.S.P.T.C.L

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 100.3M.
- CLEAR COVER TO MAIN REINFORCEMENT SHALL BE AS BELOW:
c) FOR FOUNDATION = 50mm.
d) FOR COLUMN = 50mm.
- REINFORCEMENT SHALL BE OF M20 GRADE.
- REINFORCEMENT STEEL SHALL BE HIGH STRENGTH DEFORMED BAR OF GRADE Fe-500 CONFORMING TO IS1786-1985.
- LAP LENGTH SHALL BE 55 TIMES THE DIAMETER OF BAR.
- FOR BOLT SETTING OUT PLAN REFER FABRICATION DRAWING OF RESPECTIVE EQUIPMENT STRUCTURE.
- FOR BOLT PROJECTION REFER STANDARD FOUNDATION BOLT DRAWING OF EQUIPMENT.

LEGEND

FGL	- FINISHED GROUND LEVEL.
TOC	- TOP OF CONCRETE.
TOG	- TOP OF GROUTING.
E/S	- EARTH SWITCH
FND.	- FOUNDATION
PEL.	- PEDESTAL

REFERENCE DRAWINGS

- KEC-SB937-GRL-01-1001 - OVERALL GENERAL ARRANGEMENT LAYOUT PLAN.
- KEC-SB937-GRL-30-0002 - OVERALL FOUNDATION LAYOUT.
- KEC-SB937-GRL-94-1310 - FOUNDATION BOLT DETAILS FOR EQUIPMENT

REV	DATE	DESCRIPTION	BY	ELEC.	CIVIL	APPROV.
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BIHAR STATE POWER TRANSMISSION
COMPANY LIMITED(BSPCL)

Title: R.C.C DETAILS 132KV
EQUIPMENT FOUNDATION FOR
LA, CT, CVT, BPI & ISO

Drg. No.: CD_132KVEQPT_12

Scale : 1:50

Sheet : 01 OF 02