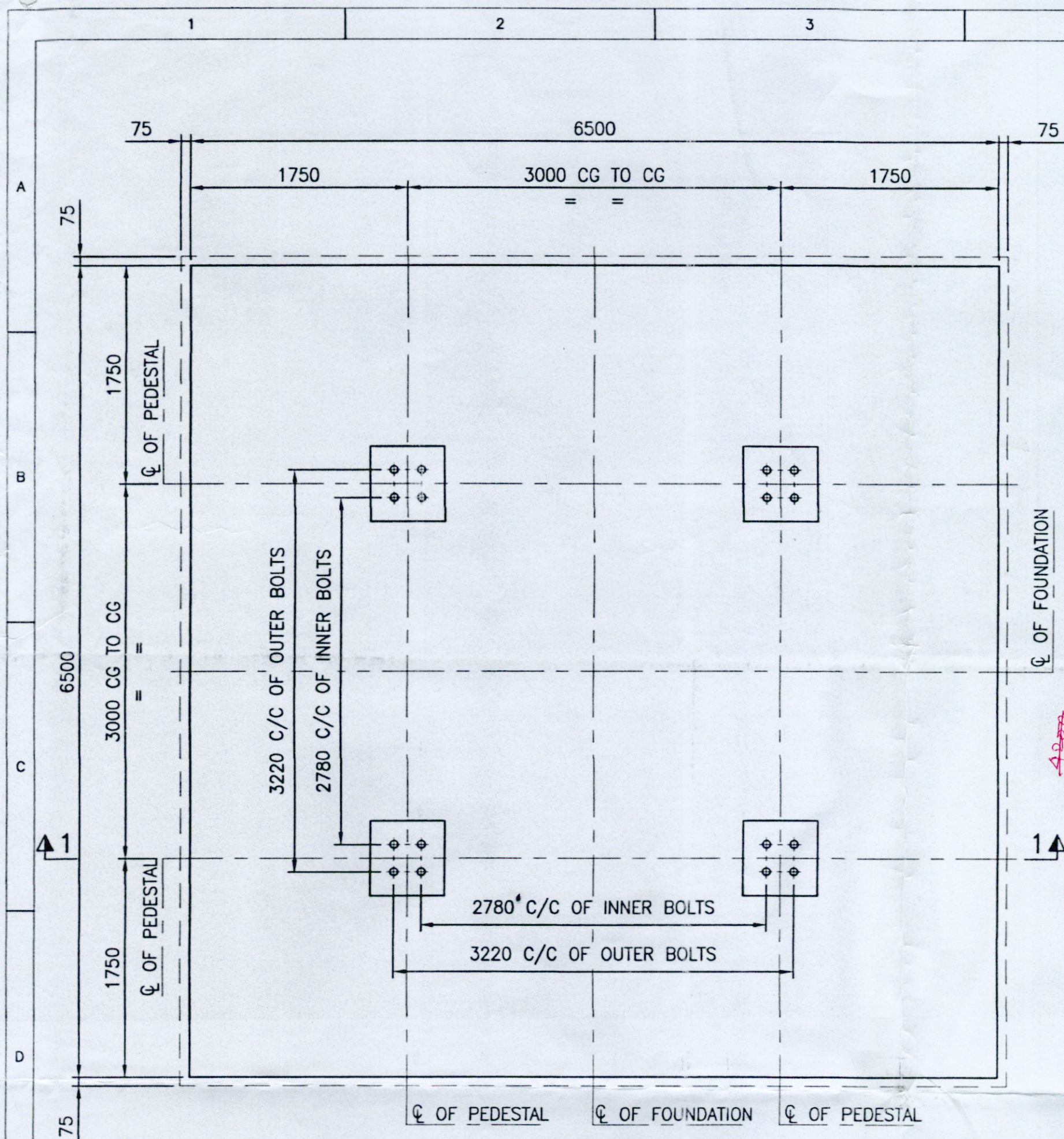
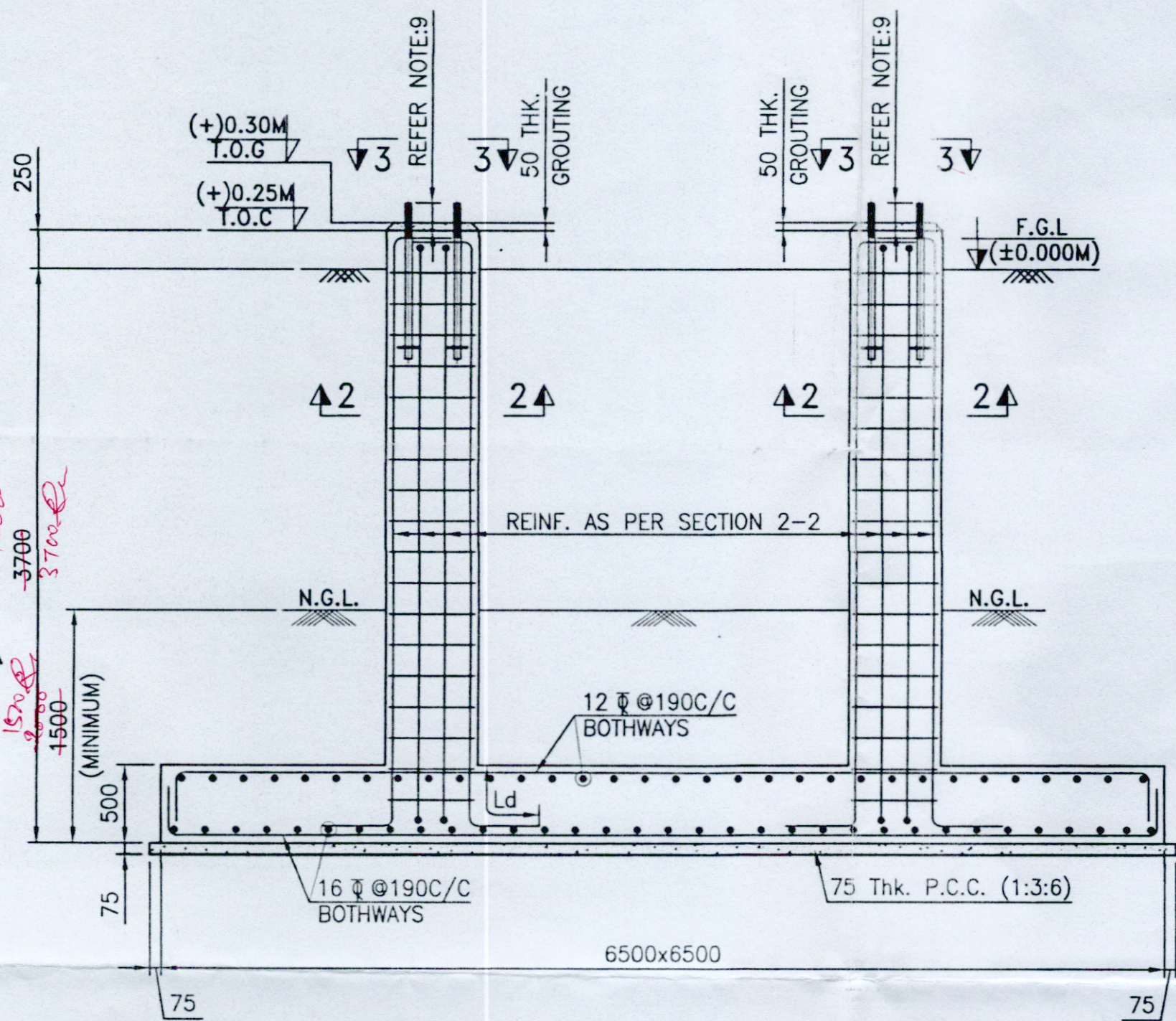
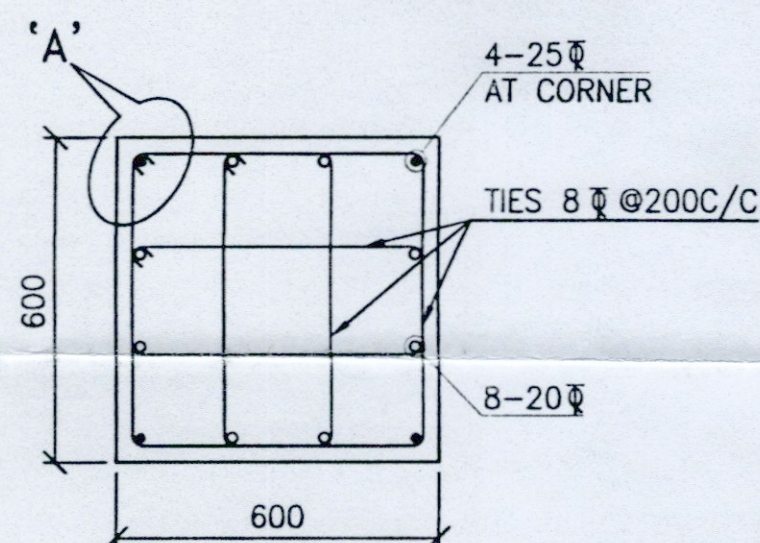




FOUNDATION PLAN
(SCALE 1:50)

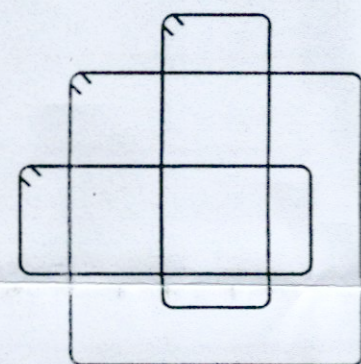


SECTION 1-1
(SCALE 1:50)

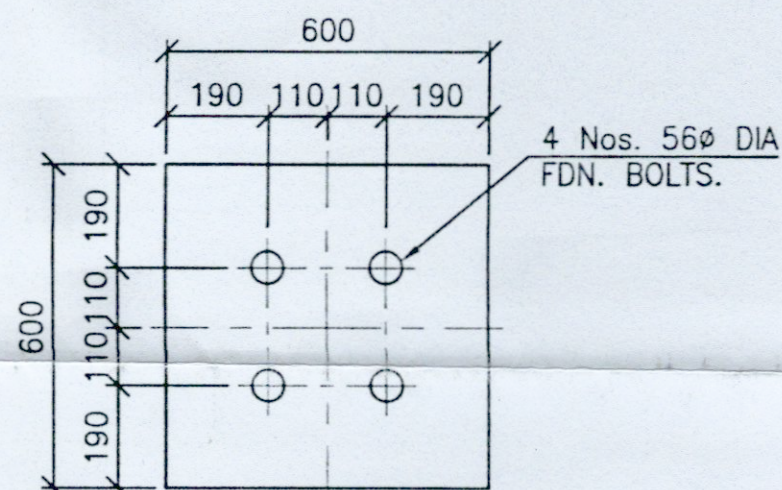


SECTION 2-2
(SCALE 1:20)

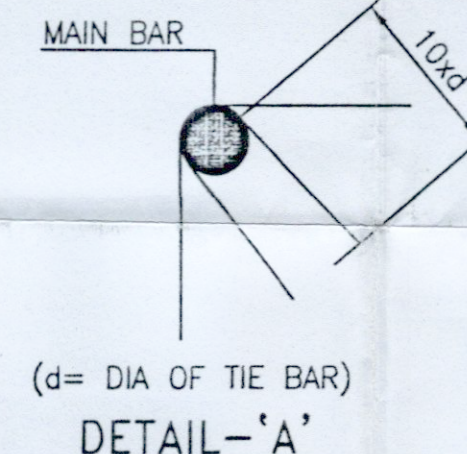
● HEAVIER BAR
○ LIGHTER BAR



TIES ARRANGEMENT



VIEW 3-3
(SCALE 1:20)



DETAIL-A'
(d= DIA OF TIE BAR)

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.
- CLEAR COVER TO MAIN REINFORCEMENT SHALL BE AS BELOW:
a) FOR FOUNDATION = 50mm.
b) 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 LM TOWER.
- FOR BOLT PROJECTION REFER STANDARD FOUNDATION BOLT DRAWING.

LEGEND

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

REFERENCE DRAWINGS

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

REV	DATE	DESCRIPTION	BY	ELEC.	CIVIL	APPRD.
0	30.07.19	ISSUED FOR APPROVAL	AGN	-	NSD/DPK	APPRD.

CLIENT	BIHAR STATE POWER TRANSMISSION COMPANY LTD. (BSPTCL)
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EPC CONTRACTOR	KEC INTERNATIONAL LIMITED BUILDING NO. 9A, 8TH FLOOR, DLF CYBER CITY PHASE - III, GURGAON 122 002
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PROJECT	CONSTRUCTION OF 220/132/33 KV GRID SUB-STATION AT GORAU (DIST VAISHALI) OF CAPACITY (2x160+3x50) MVA COMPLETE WITH SUBSTATION AUTOMATION SYSTEM
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SUBSTATION	220/132/33KV GORAU SUBSTATION
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TITLE	RCC DETAILS OF FOUNDATION FOR LIGHTNING MAST
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DRAWN	AGN	DATE	30.07.19
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CHECKED	NSD/DPK	SCALE	1:50
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APPROVED	SNC	SHEET	01 OF 01
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DWG. NO.	KEC-SB937-GRL-95-1004	REV.	0
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SIZE - A3

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

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