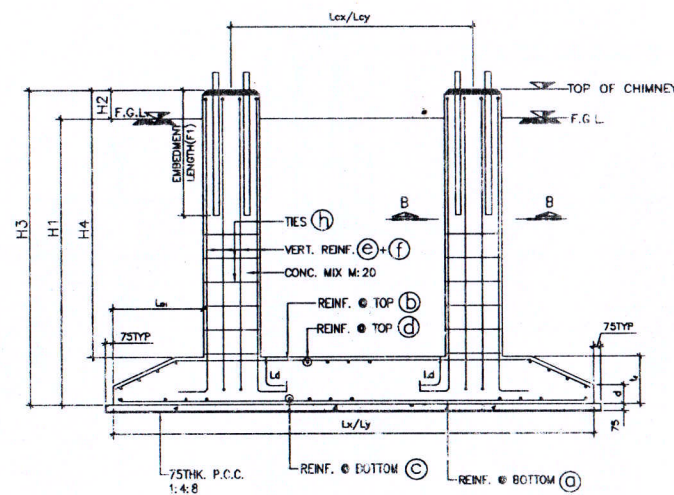
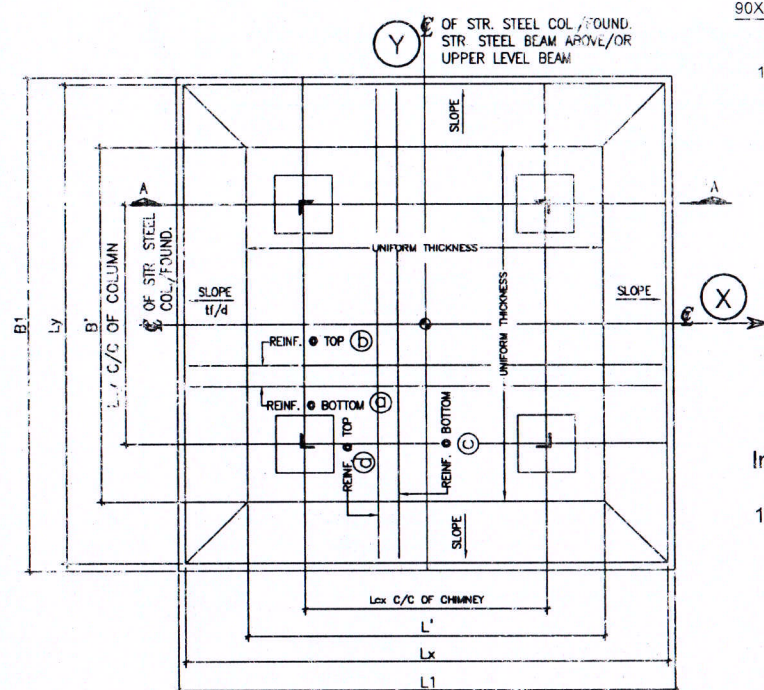
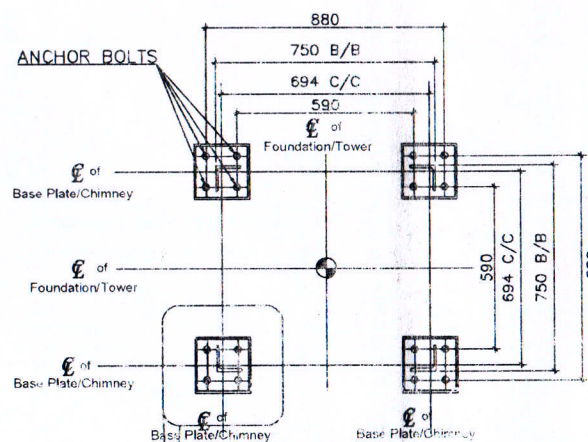




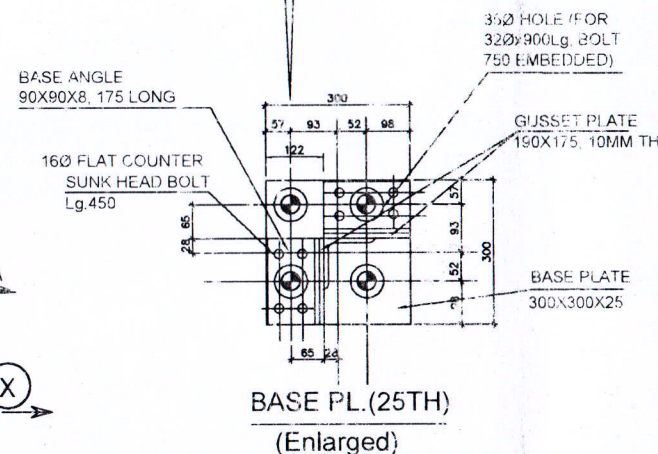
SECTION A-A



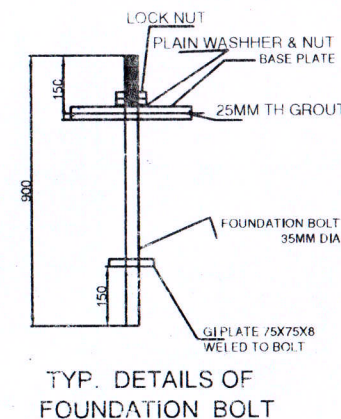
FOUNDATION PLAN FOR COLUMN



ANCHOR BOLT SETTING PLAN FOR 33KV COLUMN



BASE PL. (25TH)
(Enlarged)



TYP. DETAILS OF
FOUNDATION BOLT

FOUNDATION & COLUMN SCHEDULE FOR 33KV TOWER MARKED :-

TOWER MARKED	
FOUNDATION TYPE	
RAFT SLAB SIZE Lx x Ly IN MM.	2500 X 2500
PART WITH UNIFORM THICKNESS IN MM.	1450(L') X 1450(B')
RAFT SLAB - UNIFORM THICKNESS - 't' IN MM.	300
RAFT SLAB - END PROJECTION - 'd' IN MM.	200
H1	1500
H2	300
H3	1800
H4	1800
SIZE OF CHIMNEY Cx X Cy IN MM	400 X 400
PROJECTION FROM FACE OF CHIMNEY (Lw) IN MM	703
CHIMNEY C/C DISTANCE, Lx=Ly	694
REINFORCEMENT IN RAFT SLAB IN BOTH DIRECTIONS	
REINFORCEMENT @ BOTTOM - (a)(c)	16 @ 150mm C/C, both way
REINFORCEMENT @ TOP - (b)(d)	16 @ 150mm C/C, both way
CHIMNEY REINFORCEMENT	
VERTICAL REIN. - (e)	4 - 16
(f)	4 - 12
TIES - (h)	8 @ 150 C/C
SECTION: B-B	

GENERAL NOTES

1. IN THIS DRAWING: ^ DENOTES TOR STEEL CONFORMING TO I.S.1786
2. F.G.L. DENOTES FINISHED GROUND LEVEL OF S/S.
3. LAP LENGTH SHALL BE 50 TIMES DIA OF BAR.
4. PROVIDE CLEAR COVER TO REINFORCEMENT AS UNDER.
> 50mm FOR BOTTOM & TOP REINFORCEMENT OF RAFT
> 30mm FOR SIDE REINFORCEMENT OF RAFT.
> 50mm FOR CHIMNEY.
5. ALL DIMENSIONS ARE IN MM.
6. DO NOT SCALE THE DRAWING. ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED.
7. ANCHOR BOLTS AND OTHER EMBEDDED FIXTURES SHALL BE EMBEDDED DIRECTLY INTO CONCRETE WITH NECESSARY TEMPLATE.
8. UNLESS OTHERWISE NOTED ALL CONCRETE SHALL BE OF GRADE M-20.
9. SBC CONSIDERED AS 10T/SQ.M. AT FOUNDING DEPTH BELOW F.G.L.

Important Notes:

1. The depth of foundation (H1) is minimum and shall be varied such a way that the bottom of the foundation is at least 600 mm below the original (existing) ground level.

APPROVED

Deputy General Manager (C)
AEGCL, Bijulee Bhawan,
Paltan Bazar, Guwahati

Asstt. General Manager (C),
Silchar T & T Circle, AEGCL
Meherpur, Silchar- 15

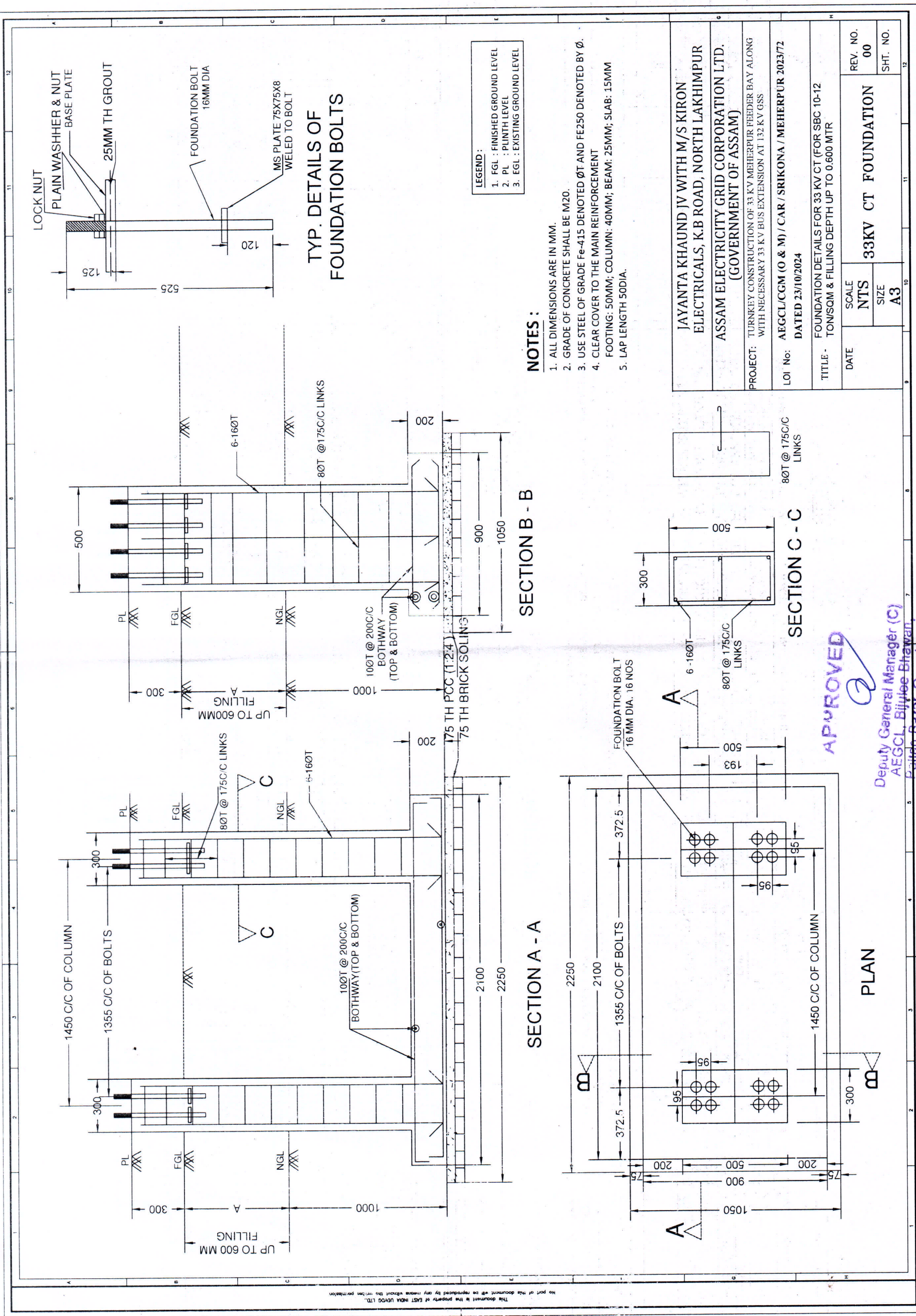
Deputy General Manager
Silchar T & T Circle, AEGCL
Silchar

JAYANTA KHAUND
K. B. ROAD
NORTH LAKHIMPUR

Resident Engineer (i/c)
132 KV Srikona GSS
AEGCL Srikona

Asstt. Gen. Manager
Silchar T&T Division
AEGCL :: Silchar

JAYANTA KHAUND JV WITH M/S KIRON ELECTRICALS K.B ROAD , NORTH LAKHIMPUR			
ASSAM ELECTRICITY GRID CORPORATION LIMITED (GOVERNMENT OF ASSAM)			
TURNKEY CONSTRUCTION OF 33 KV MEHERPUR FEEDER BAY ALONG WITH NECESSARY 33 KV BUS EXTENSION AT 132 KV SRIKONA GSS			
LCI No.	AEGCL/CGM(O&M)/CAR/SRIKONA/MEHERPUR 2023/72 DATED 23/10/2024		
TITLE	TYPICAL DETAILS OF 33KV COLUMN FOUNDATION DRAWING IN 132/33KV SRIKONA GSS		
DATE	SCALE	COLUMN FOUNDATION	REV. NO. 00
	SIZE A3		SHEET NO.

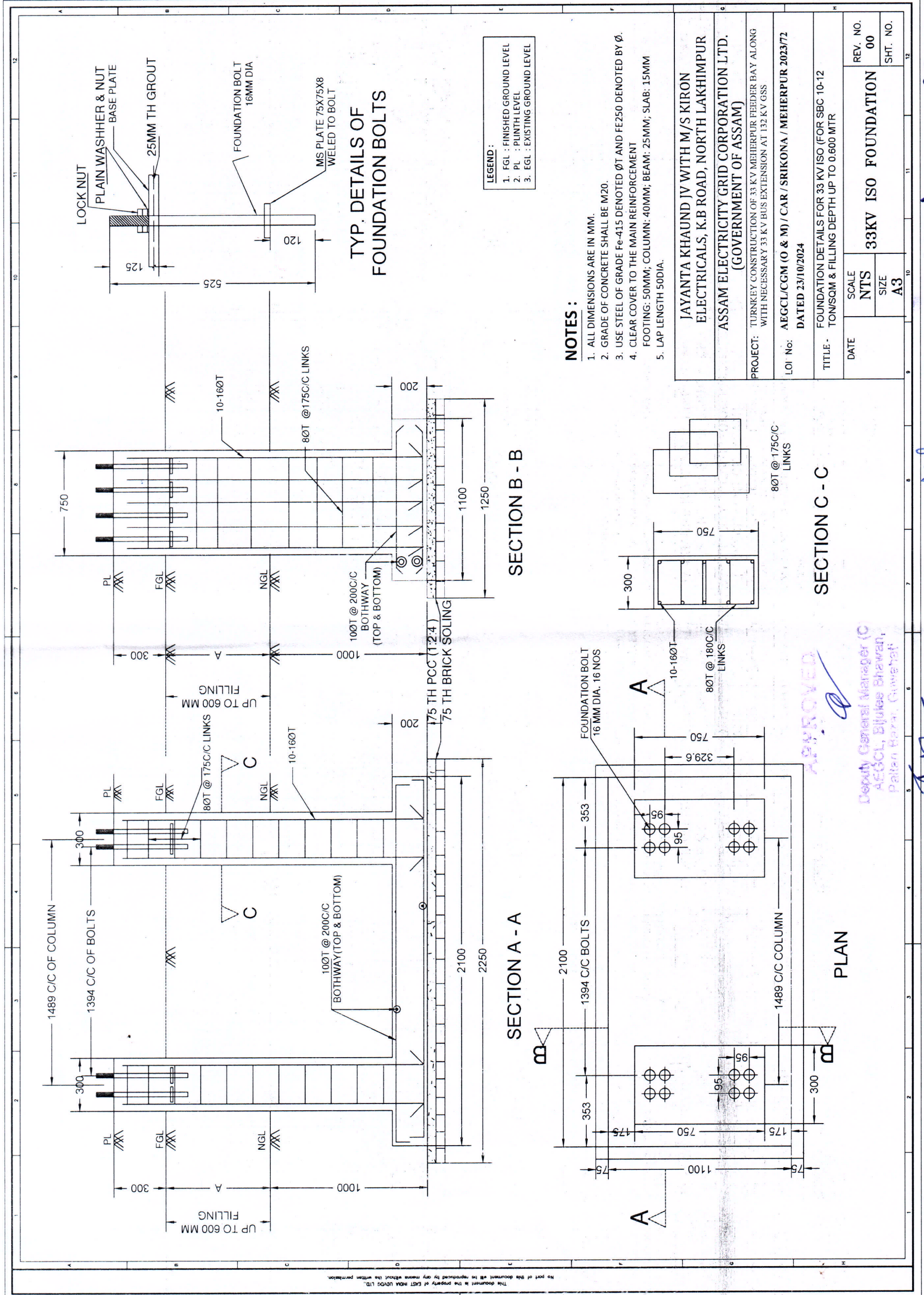


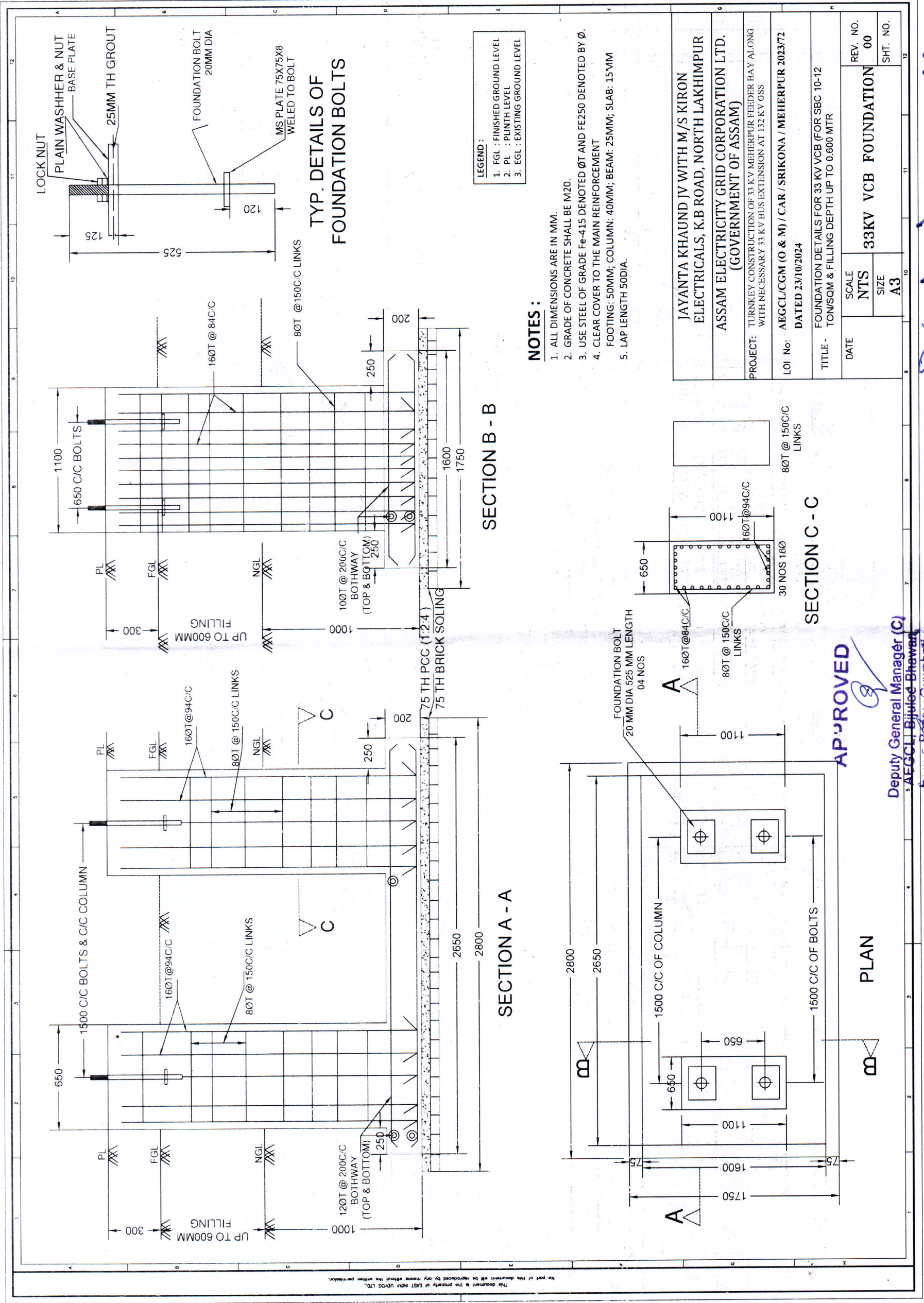
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