

SECTION A-A

FOUNDATION & COLUMN

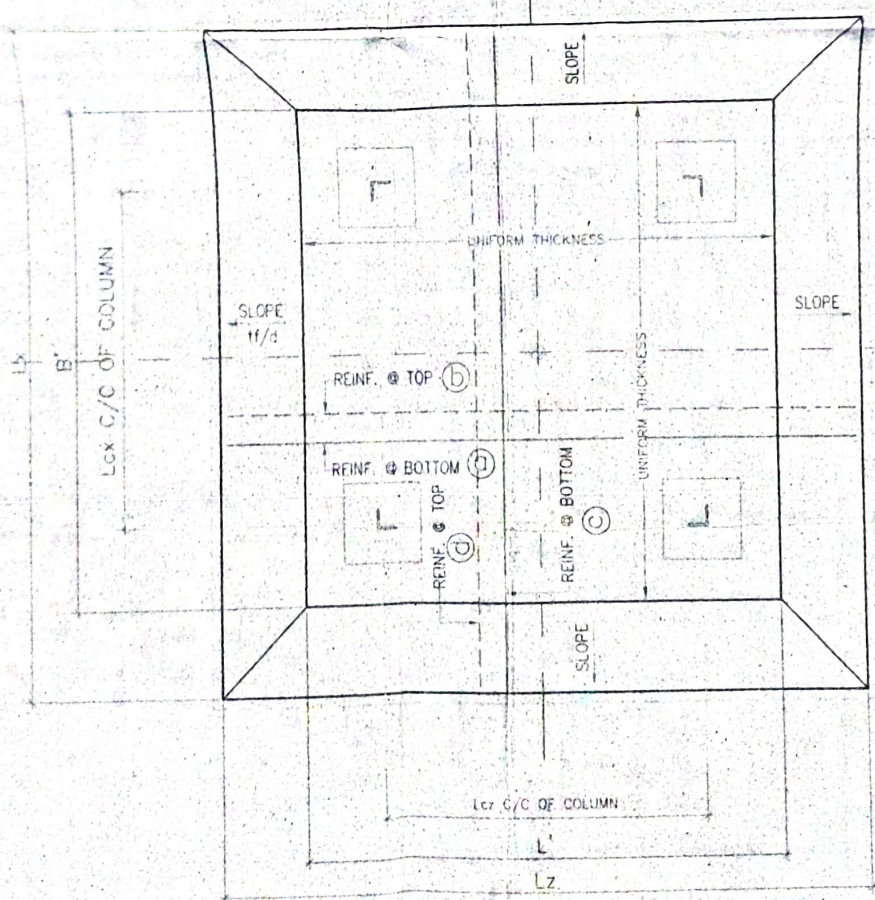
TOWER MARKED

RAFT SLAB SIZE $L_x \times L_y$ IN MM.
 PART WITH UNIFORM THICKNESS IN
 RAFT SLAB - UNIFORM THICKNESS
 RAFT SLAB - END PROJECTION -

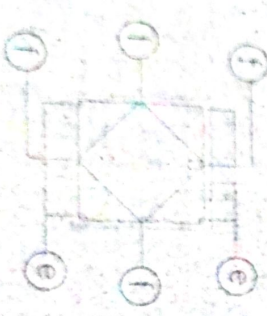
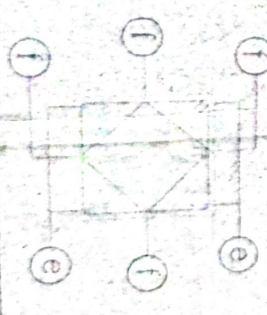
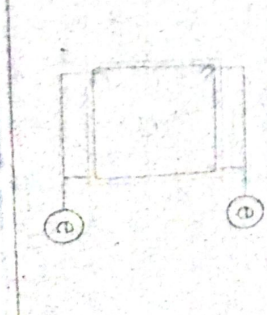
SIZE OF CHIMNEY $C_x \times C_y$ IN MM.
 PROJECTION FROM FACE OF CHIMNEY
 CHIMNEY C/C DISTANCE, $L_{cx} = L_{cy}$
 REINFORCEMENT IN RAFT SLAB
 IN BOTH DIRECTIONS
 REINFORCEMENT @ BOTTOM -
 REINFORCEMENT @ TOP -

CHIMNEY REINFORCEMENT
 VERTICAL REINF. - (e)
 (f)
 TIES - (h)

SECTION: B-B



TYP. FOUNDATION PLAN FOR COLUMN
 (FOR COLUMN TYPE 33KV C5, C6 & C7)

FOUNDATION & COLUMN SCHEDULE FOR 33KV TOWER MARKED :-					
TOWER MARKED	C5			C6	C7
	RAFT SLAB SIZE Lx x Ly IN MM. PART WITH UNIFORM THICKNESS IN MM. RAFT SLAB - UNIFORM THICKNESS - 11' IN MM. RAFT SLAB - END PROJECTION - 0.7' IN MM.	3200 X 3200 1890(L) X 1890(B) 470 470/200 3200 300 3500 3030 350 X 350 1075 700	3200 X 3200 1890(L) X 1890(B) 470 470/200 3200 300 3500 3030 350 X 350 1075 700	2550 X 2550 1700(L) X 1700(B) 400 400/200 3200 300 3500 3100 250 X 250 795 710	SIZE OF CHIMNEY O x Cy IN MM. PROJECTION FROM FACE OF CHIMNEY (Lx) IN MM. CHIMNEY C/C DISTANCE (Lx) IN MM. REINFORCEMENT IN RAFT SLAB IN BOTH DIRECTIONS REINFORCEMENT @ BOTTOM - (1) (2) (3) (4) REINFORCEMENT @ TOP - (1) (2) (3) (4)
CHIMNEY REINFORCEMENT VERTICAL REINF -	4-16 4-12 8 @ 250 C/C	4-16 4-12 8 @ 250 C/C	4-16 4-12 8 @ 250 C/C	4-16 8 @ 250 C/C	
TIES -	(1) (2) (3) (4)	(1) (2) (3) (4)	(1) (2) (3) (4)	(1) (2) (3) (4)	
SECTION: B-B					

REFERENCE DRAWINGS

S/N NO.	DESCRIPTION	DRG. NO.
1	Foundation Details of 33 kV Switchyard Columns	AEGL/ SWITCHYARD/ COLUMN/FND/02 (S-1+2)
2	Details of 33 kV Columns Type C5, C6, C7	AEGL/ SWITCHYARD/ COLUMN/05, 06 & 07

GENERAL NOTES

1. IN THIS DRAWING, ^ DENOTES TOR STEEL CONFORMING TO IS:1786
2. FGL DENOTES FINISHED GROUND LEVEL OF S/S
3. LAP LENGTH SHALL BE 40 TIMES DIA OF BAR.
4. PROVIDE CLEAR COVER TO REINFORCEMENT AS UNDER:
 - > 50mm FOR BOTTOM & TOP REINFORCEMENT OF RAFT
 - > 50mm FOR SIDE REINFORCEMENT OF RAFT
 - > 50mm FOR COLUMN.
5. ALL DIMENSIONS ARE IN MM. OTHERWISE SPECIFIED.
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

 **ASSAM ELECTRICITY GRID CORPORATION LIMITED**

DHEKIAJULI 132/33 KV SUBSTATION

DRAWING TITLE
FOUNDATION DETAILS OF 33 KV SWITCHYARD COLUMNS

DRAWING NUMBER
AEGL/SWITCHYARD/ COLUMN/FND/02

SHEET
1 OF 2

*Released to M/s for
Electrician
Construction*

**GENERAL MANAGER
PLANNING & ENGINEERING
AEGL, NAENGL GUWAHATI**