

BAR BENDING SCHEDULE FOR FOUNDATION						
MARK No.	SHAPE OF THE BAR	DIA (mm)	LENGTH (mm)	Nos. Leg	Unit Wt. (kg/m)	Wt./Leg. (kg)
A		12	4230	56	0.888	210.349
B		12	2354	16	0.888	33.446
C		12	4454	36	0.888	142.385
D		12	3350	4	0.888	11.899
E		20	3350	16	2.466	132.177
F		13	1550	13	0.390	7.86
G		8	1286	26	0.390	13.04
<b>TOTAL REINFORCEMENT</b>						<b>52.160</b>
<b>TOTAL REINFORCEMENT</b>						<b>2230.22</b>

TYPE OF TOWER : DD+0

TOWER SLOPE TAN ALPHA = 0.18403

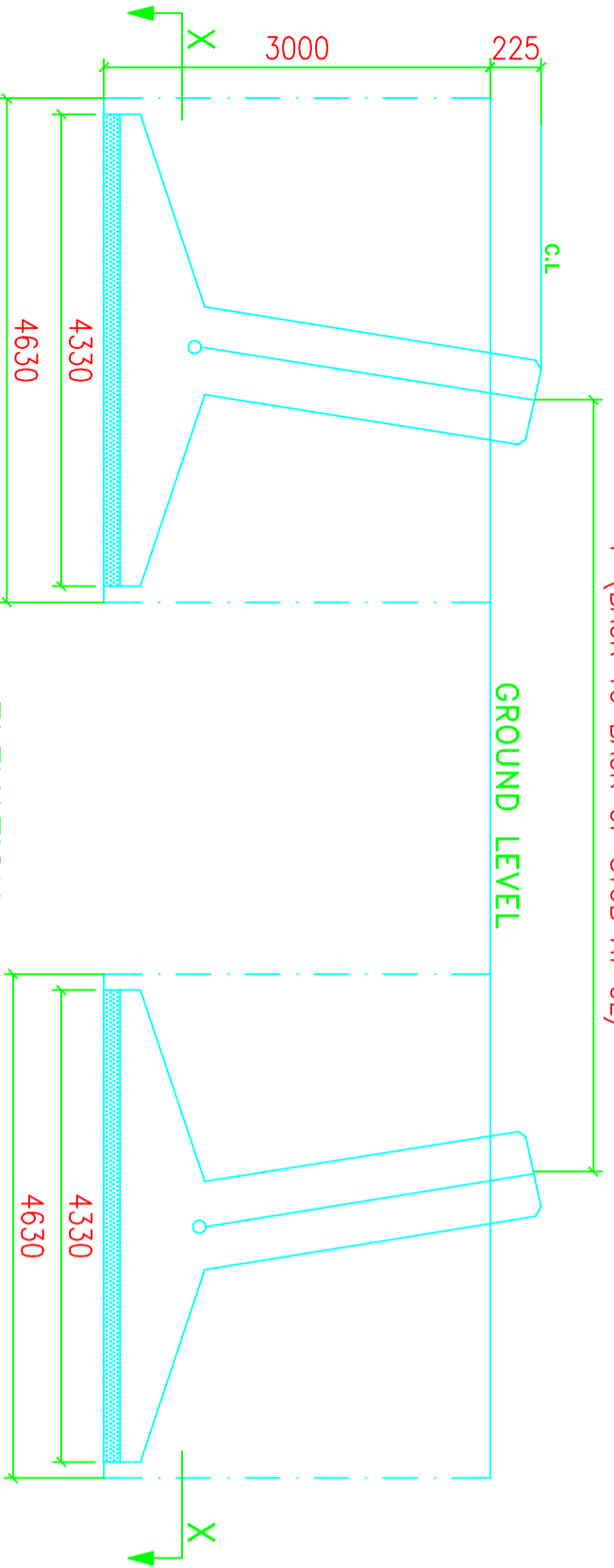
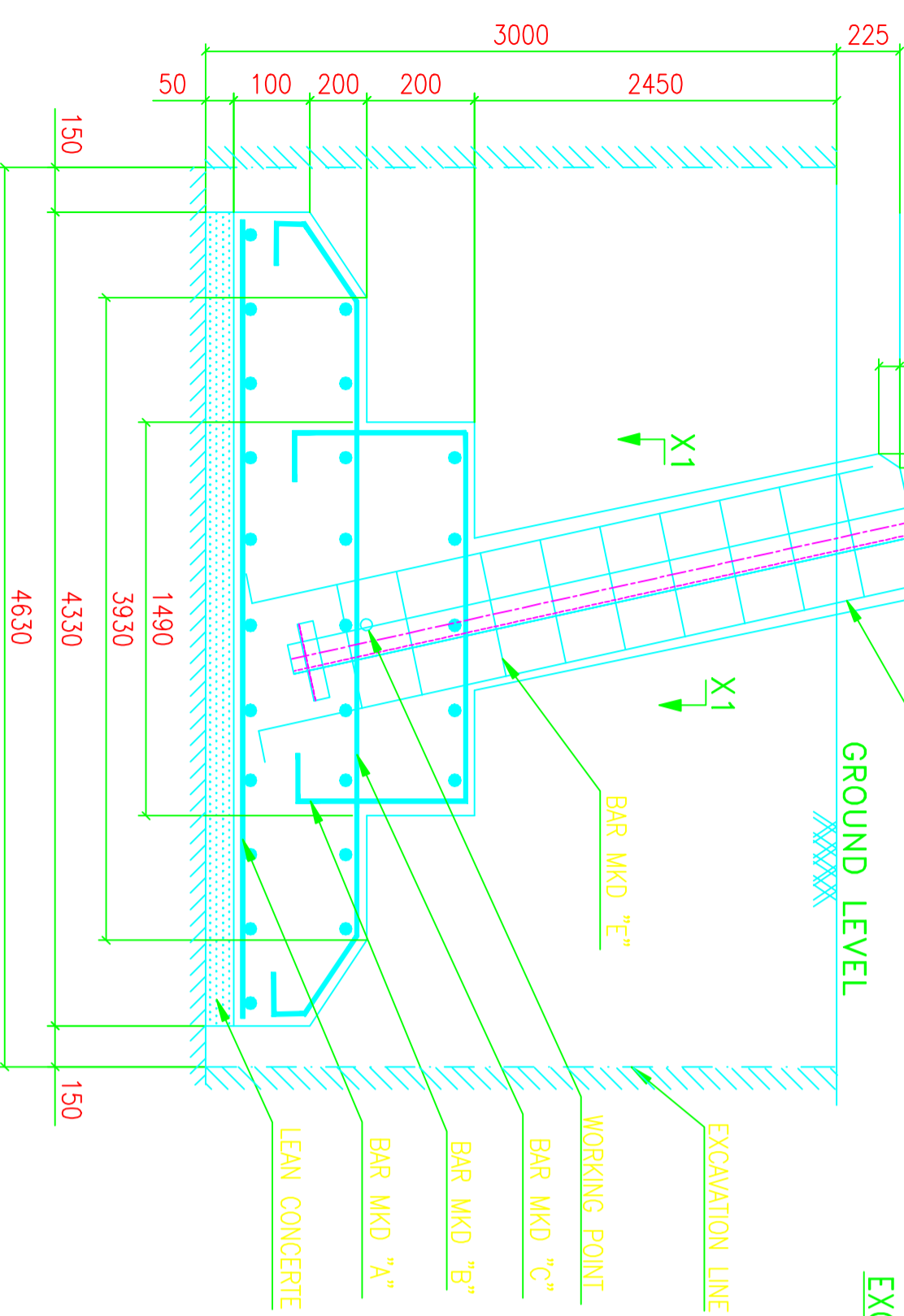
LEVEL	STUB	CG OF STUB	P	M	N	CLEAT DETAILS
+0M	HT 130*130*10	35.9	8073	8985	12707	MS 90*90*6 NO. OF PAIRS 3 OUTER-290MM INNER-210MM 4 BOLTS/PAIR

QUANTITIES/TOWER	
EXCAVATION VOLUME	= 257.24 Cu.M
CONCRETE ( 1:1.5:3 )	= 25.10 Cu.M
CONCRETE ( 1:3:6 )	= 3.75 Cu.M
REINFORCEMENT	= 2230.22 Kgs.

**NOTES:-**

- DRAWING NOT TO SCALE.
- ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE STATED.
- REINFORCED BAR USED Fe 415 CONFORMING TO IS 1786-1985
- MIX PROPERTIES CONFORMING TO IS 456-2000
- CONCRETE MIX USED GRADE M-20 (NOMINAL MIX 1:1.5:3)
- LEAN CONCRETE MIX USED GRADE M-10 (NOMINAL MIX 1:3:6)
- WHENEVER NECESSARY TO CLEAR STUB AND CLEAT STIRRUPS AND BARS ARE TO BE ADJUSTED AT SITE.
- CLEAR COVER TO THE MAIN REINFORCEMENT BARS SHALL BE 50MM UNLESS OTHERWISE SPECIFIED.
- FOR CLEAT AND STUB TEMPLATE DETAILS PLEASE REFER RESPECTIVE STUB DRG.

THE FOUNDATION HAS BEEN DESIGNED FOR THE FOLLOWING PARAMETERS:  
 TYPE OF SOIL : FS  
 UNIT WEIGHT : 1440/940 Kg/Cu.M  
 BEARING CAPACITY : 13675 Kg/Sq.M  
 ANGLE OF REPOSE : 30/15 Degrees  
 WATER TABLE : 0M TO 0.75M BELOW G.L



P (BACK TO BACK OF STUB AT CL)

**BIHAR STATE POWER TRANSMISSION COMPANY LTD**

**132KV D/C "DD+0" TOWER**

**FOUNDATION DRAWING OF TYPE - FS**

DESCRIPTION	DRG NO	SCALE
DRAWN BY		
CHECKED BY		
APPROVED BY		
	<b>132KV-D/C-0-Fdn-FS-44</b>	SHEET NO 1-1
		REV. 0