

EXCAVATION PLAN AT X-X

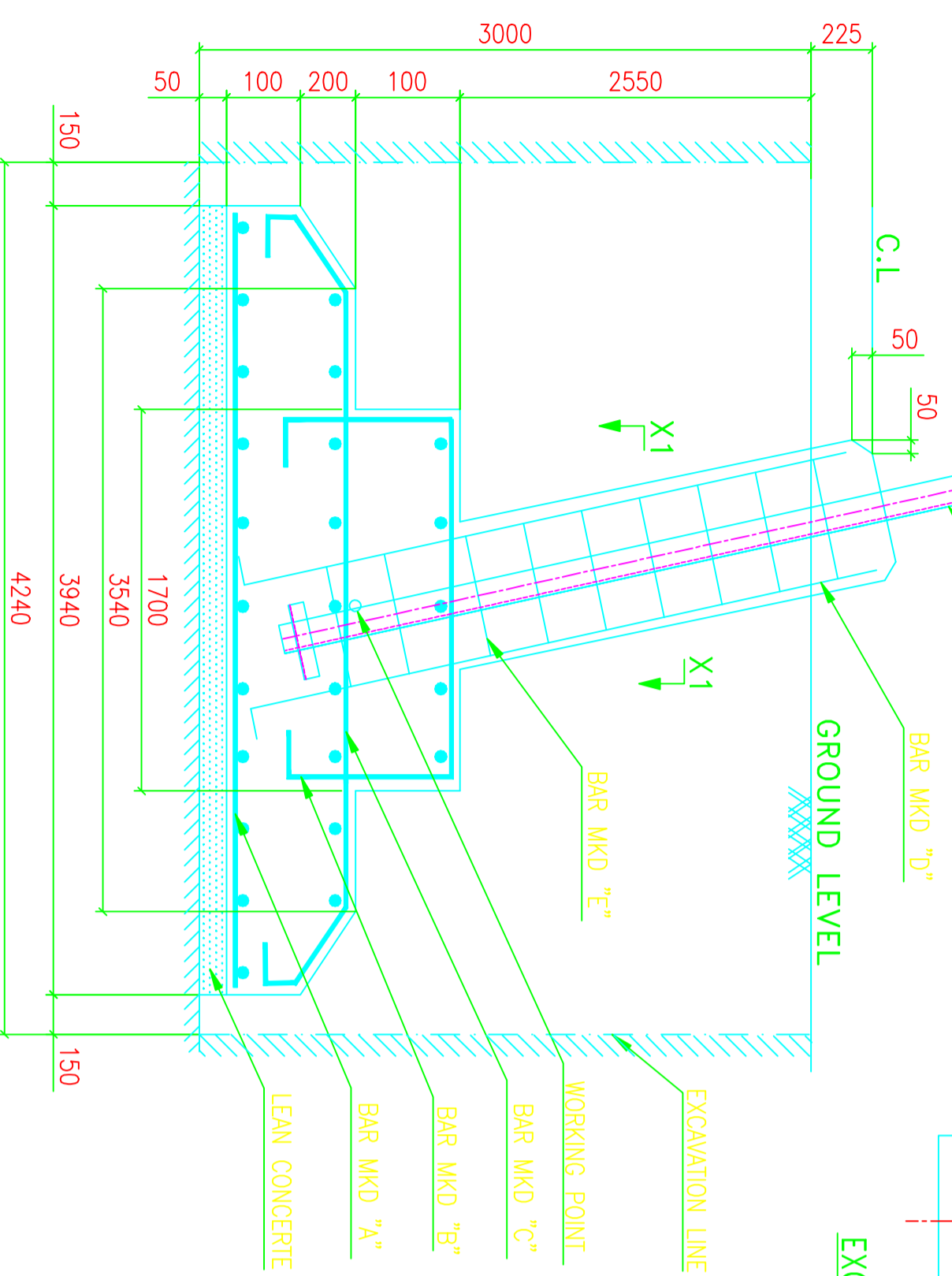
BAR BENDING SCHEDULE FOR FOUNDATION						
MARK No.	SHAPE OF THE BAR	DIA (mm)	LENGHT (mm)	Nos. Leg	Unit Wt. (kg/m)	Wt./Leg. (kg)
A		10	3840	82	0.617	194.28
B		10	2340	24	0.617	34.65
C		10	4064	28	0.617	70.209
D		25	3350	8	3.854	103.287
E		8	1590	13	0.390	8.061
F		8	1198	13	0.390	6.074
<b>TOTAL REINFORCEMENT</b>						<b>24.215</b>
<b>TOTAL REINFORCEMENT</b>						<b>1666.25</b>

TYPE OF TOWER : DC+0

TOWER SLOPE TAN ALPHA = 0.152107

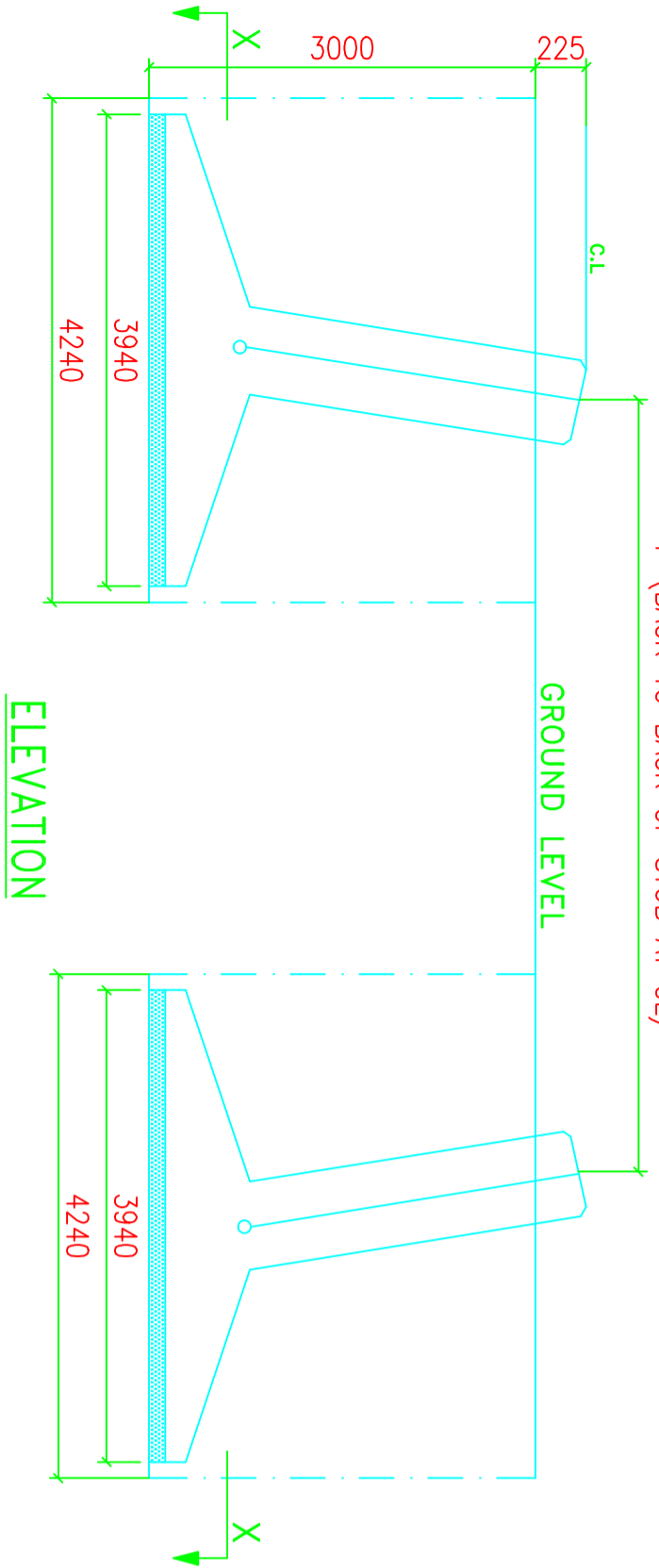
LEVEL	STUB	CG OF STUB	P	M	N	CLEAT DETAILS
+0M	HT110*110*10	30.9	6613	7394	10457	MS 90*90*6 NO. OF PAIRS 2 4 BOLTS/PAIR

QUANTITIES/TOWER	
EXCAVATION VOLUME	= 215.731 Cu.M
CONCRETE ( 1:1.5:3)	= 20.915 Cu.M
CONCRETE ( 1:3:6)	= 3.105 Cu.M
REINFORCEMENT	= 1666.25 Kgs.



GROUND LEVEL

P (BACK TO BACK OF STUB AT CL)



ELEVATION

- 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 : 940 Kg/Cu.M  
 BEARING CAPACITY : 13675 Kg/Sq.M  
 ANGLE OF REPOSE : 15 Degrees  
 WATER TABLE : 0M TO 0.75M BELOW G.L

**BIHAR STATE POWER TRANSMISSION COMPANY LTD**

**132KV D/C "DC+0" TOWER  
 FOUNDATION DRAWING OF TYPE - FS**

DESCRIPTION	DRG NO	SCALE
DRAWN BY		
CHECKED BY		
APPROVED BY		
	<b>132KV-D/C-0-Fdn-FS-34</b>	SHEET NO 1-1
		REV. 0