

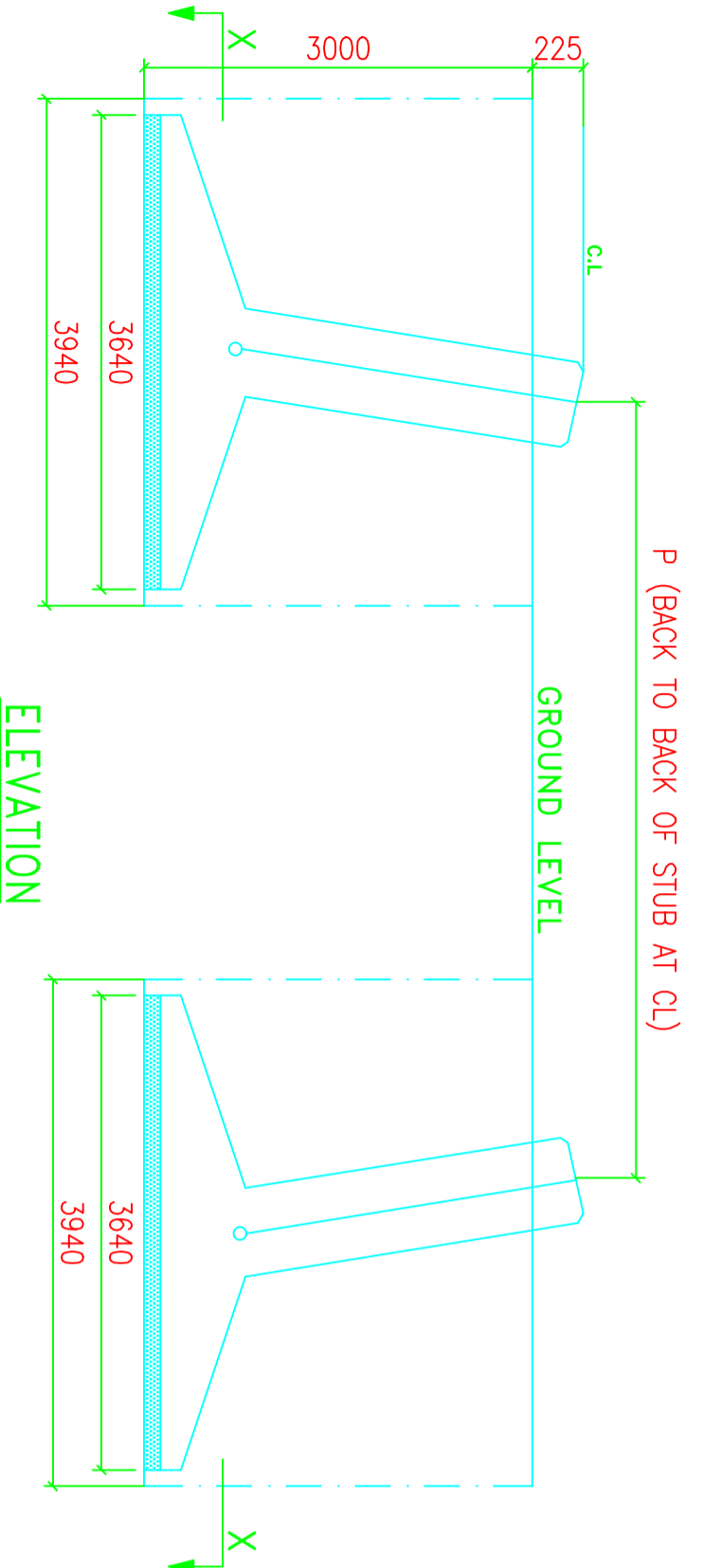
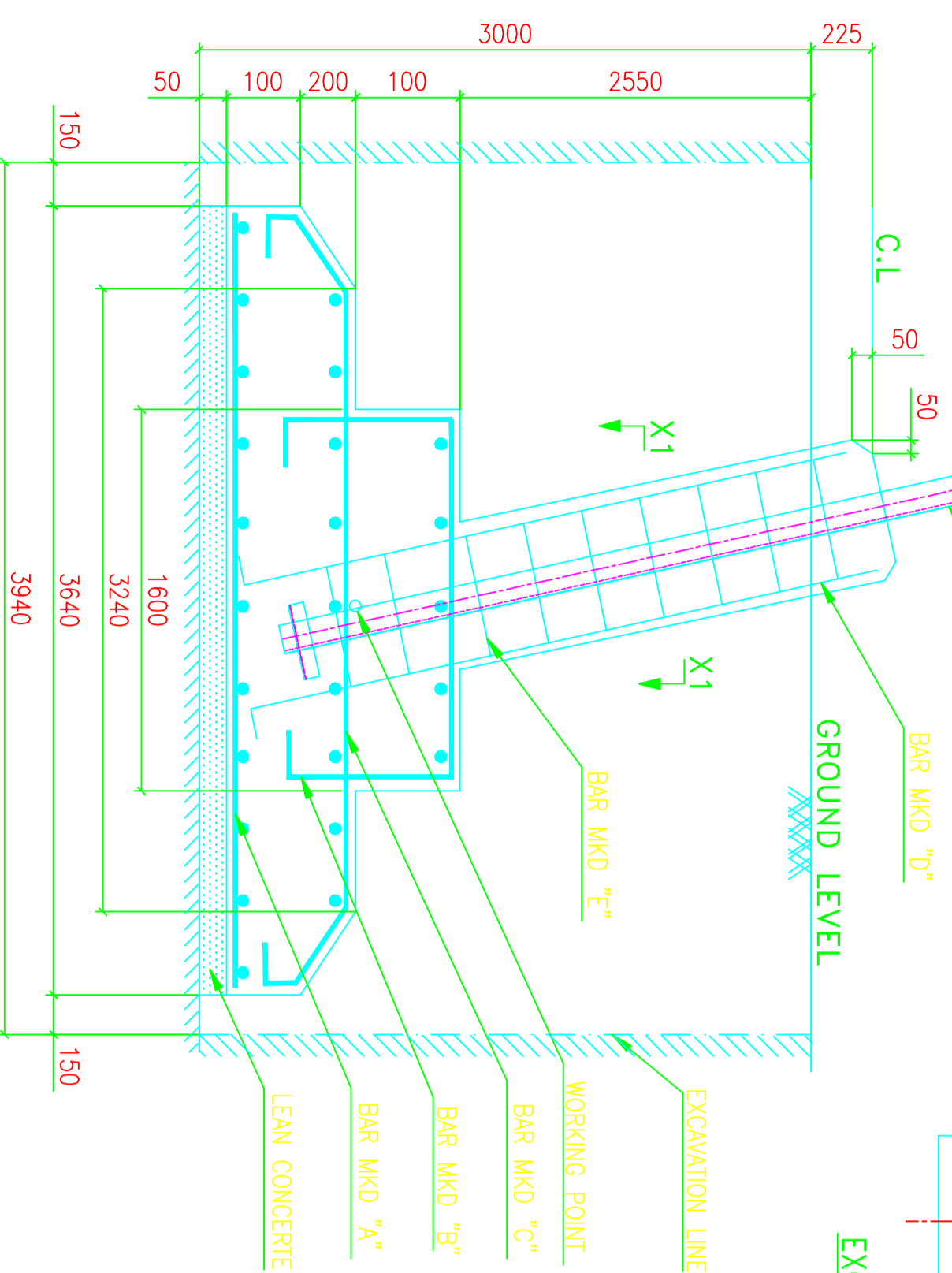
BAR BENDING SCHEDULE FOR FOUNDATION						
MARK No.	SHAPE OF THE BAR	DIA (mm)	LENGHT (mm)	Nos. Leg	Unit Wt. (kg/m)	Wt./Leg. (kg)
A		10	3540	80	0.617	174.734
B		10	2240	24	0.617	33.169
C		10	3764	28	0.617	65.026
D		25	3350	8	3.854	103.287
E		8	1590	13	0.390	8.061
F		8	1198	13	0.390	6.074
TOTAL REINFORCEMENT						24.215
						1561.41

TYPE OF TOWER : DC+3/6/9

TOWER SLOPE TAN ALPHA = 0.152107

LEVEL	STUB	CG OF STUB	P	M	N	CLEAT DETAILS
+3M	HT 110*110*10	30.9	7525	8246	11662	MS 90*90*6 NO. OF PAIRS 2 4 BOLTS/PAIR
+6M	HT 110*110*10	30.9	8438	9159	12953	
+9M	HT 110*110*10	30.9	9350	10071	14243	

QUANTITIES/TOWER	
EXCAVATION VOLUME	= 186.283 Cu.M
CONCRETE (1:1.5:3)	= 18.15 Cu.M
CONCRETE (1:3:6)	= 2.65 Cu.M
REINFORCEMENT	= 1561.41 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 : PS
 UNIT WEIGHT : 1440/940 Kg/Cu.M
 BEARING CAPACITY : 13675 Kg/Sq.M
 ANGLE OF REPOSE : 30/15 Degrees
 WATER TABLE : 0.75M TO 1.5M BELOW G.L

BIHAR STATE POWER TRANSMISSION COMPANY LTD

132KV D/C "DC+3/6/9" TOWER FOUNDATION DRAWING OF TYPE - PS

SCALE

DRAWN BY		DRG NO	132KV-D/C-+3/6/9-Fdn-PS-33	SHEET NO	1-1	REV.	0
CHECKED BY		DESCRIPTION					
APPROVED BY							