

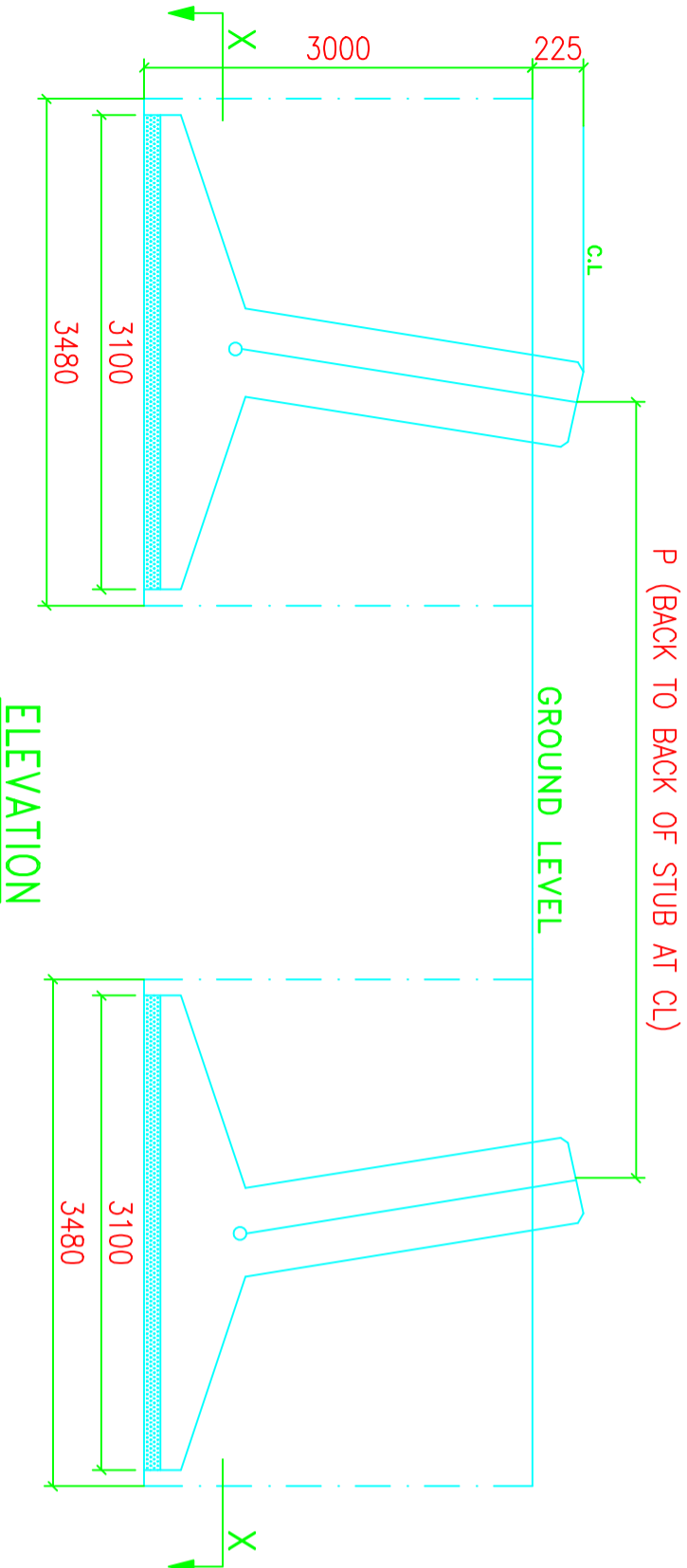
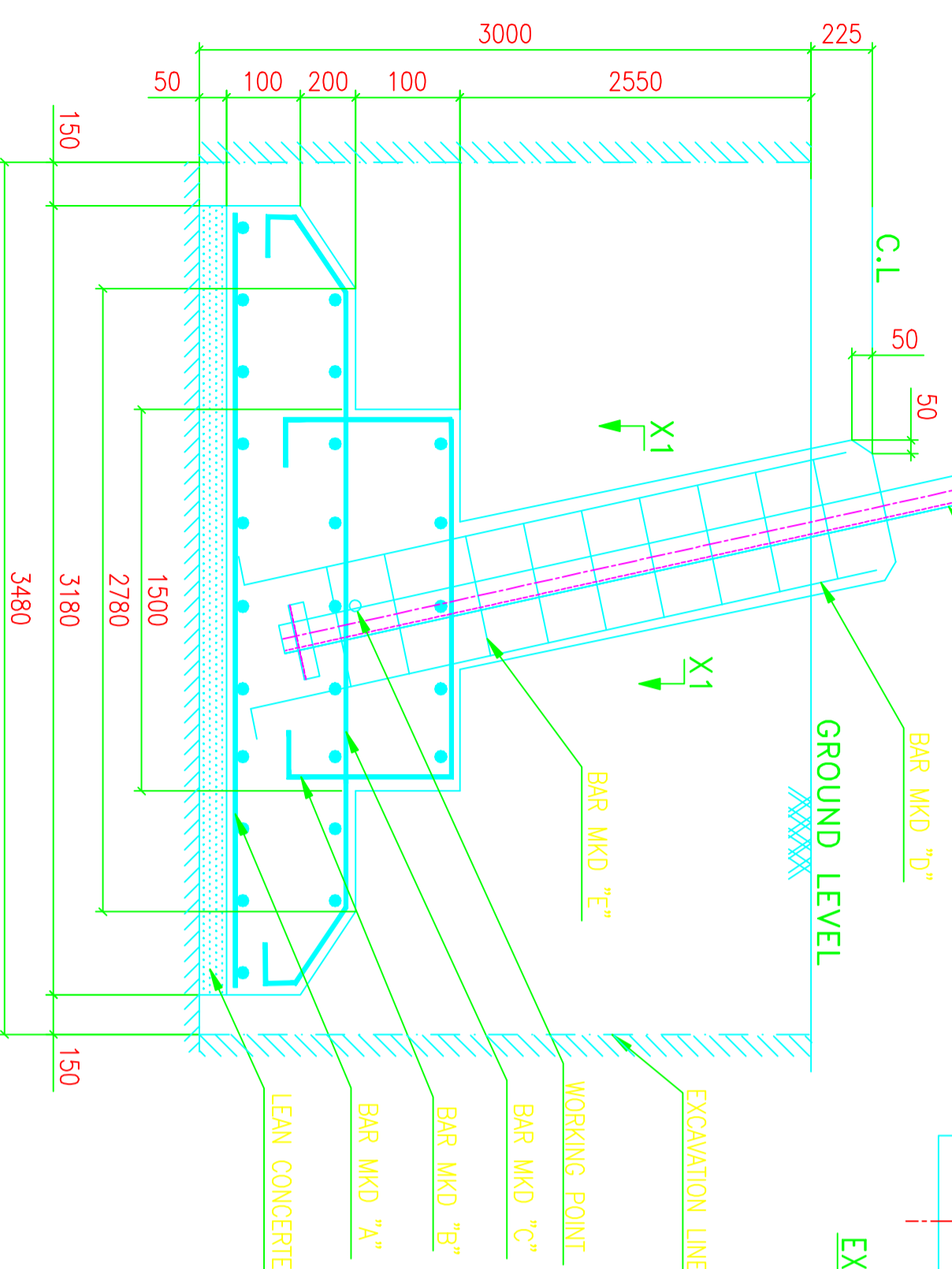
BAR BENDING SCHEDULE FOR FOUNDATION							
MARK No.	SHAPE OF THE BAR	DIA (mm)	LENGHT (mm)	Nos. Leg	Unit Wt. (kg/m)	Wt./Leg. (kg)	Wt./Tower (kg)
A	3080	10	3080	68	0.617	129.224	516.896
B	1400	10	2140	22	0.617	29.048	116.192
C	2680	10	3304	22	0.617	44.848	179.392
D	3000	25	3350	8	3.854	103.287	413.148
E	360	8	1590	13	0.390	8.061	32.25
F	269	8	1198	13	0.390	6.074	24.215
<b>TOTAL REINFORCEMENT</b>							<b>1282.17</b>

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	= 145.325 Cu.M
CONCRETE ( 1:1.5:3)	= 14.409 Cu.M
CONCRETE ( 1:3:6)	= 2.022 Cu.M
REINFORCEMENT	= 1282.17 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 : WET  
 UNIT WEIGHT : 1440/940 Kg/Cu.M  
 BEARING CAPACITY : 13675 Kg/Sq.M  
 ANGLE OF REPOSE : 30/15 Degrees  
 WATER TABLE : 1.5M TO 3.0M BELOW G.L

**BIHAR STATE POWER TRANSMISSION COMPANY LTD**

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

SCALE

APPROVED BY	DRG NO	SHEET NO	REV.
	132KV-D/C-+3/6/9-Fdn-Wet-32	1-1	0