

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	4080	90	0.617	226.52
B		10	2340	24	0.617	34.65
C		10	4304	34	0.617	90.289
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						413.148
						1875.70

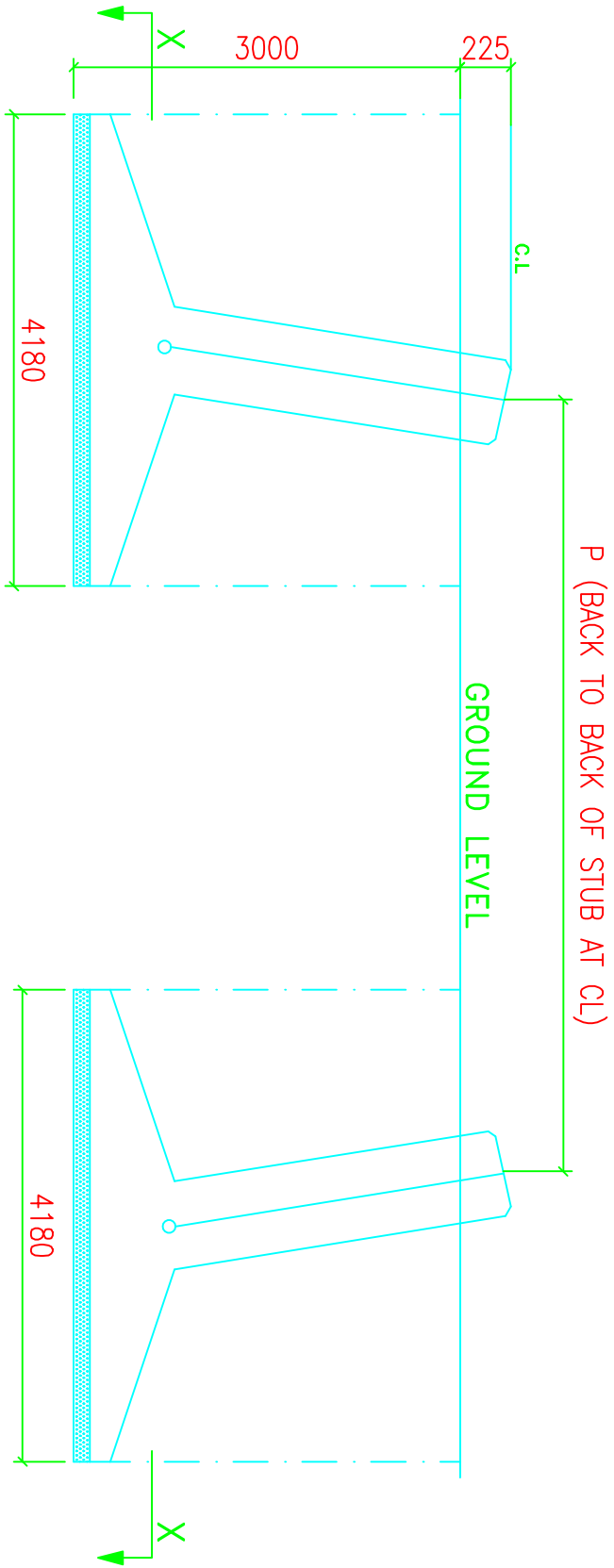
QUANTITIES/TOWER	
EXCAVATION VOLUME	= 174.623 Cu.M
CONCRETE (1:1.5:3)	= 23.177 Cu.M
CONCRETE (1:3:6)	= 3.494 Cu.M
REINFORCEMENT	= 1875.70 Kgs.

TOWER SLOPE TAN ALPHA = 0.152107					
LEVEL	STUB	CG OF STUB	P	M	N
+0M	HT 110*110*10	30.9	6613	7333	10370
					MS 90*90*6 NO. OF PAIRS 2 4 BOLTS/PAIR

THE FOUNDATION HAS BEEN DESIGNED FOR THE FOLLOWING PARAMETERS:

TYPE OF SOIL : SFR
 UNIT WEIGHT : 1440/940 Kg/Cu.M
 BEARING CAPACITY : 62500 Kg/Sq.M
 ANGLE OF REPOSE : 10 Degrees
 WATER TABLE : 0M TO 1.5M BELOW G.L

- 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.



DRAWN BY		DESCRIPTION	132KV D/C "DC+0" TOWER	SCALE	
CHECKED BY		FOUNDATION DRAWING OF TYPE - SFR			
APPROVED BY		DRG NO	132KV-D/C-0-Fdn-SFR-38	SHEET NO	1-1
				REV.	0

BIHAR STATE POWER TRANSMISSION COMPANY LTD