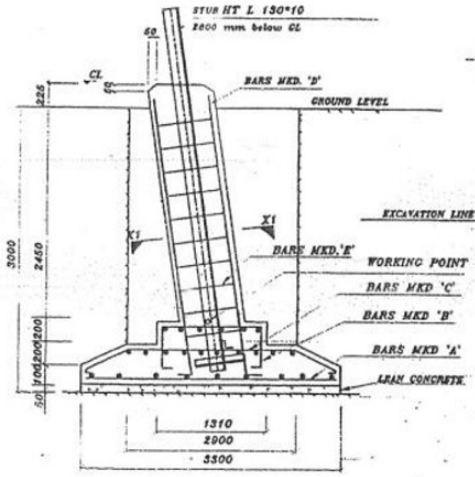


BAR TYPE	SKETCH	BAR DIA. (mm)	LENGTH (mm)	NOS./ LEC	UNIT WEIGHT (kg/m)	WEIGHT PER LEC (kg.)	WEIGHT PER TOWER (kg.)
A		12	3200	40	0.888	113.664	454.656
B		12	2174	14	0.888	27.027	108.108
C		12	3424	22	0.888	66.891	267.564
D		25	3350	8	3.853	103.260	413.040
E		8	2070	11	0.395	8.994	35.976
F		8	1506	11	0.395	6.543	26.172
<b>TOTAL WEIGHT (kgs) = 1305.516</b>							



EXCAVATION	=	103.38 m <sup>3</sup>
CONCRETE(1:1.5:3)	=	17.03 m <sup>3</sup>
CONCRETE(1:3:6)	=	2.18 m <sup>3</sup>
REINFORCEMENT	=	1305.52 kgs

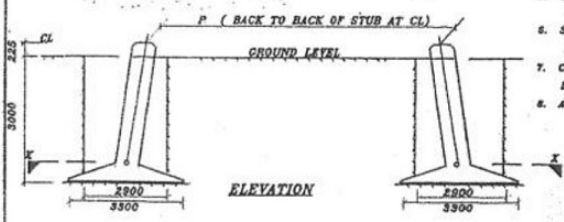
- NOTES:**
- DRAWING NOT TO SCALE
  - ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE STATED
  - REINFORCED BAR USED F<sub>4</sub> 600 CONFORMING TO IS 1786-1985
  - MIX PROPERTIES CONFORMING TO IS 468-2000
  - CONCRETE MIX USED GRADE M 20 (NOMINAL MIX 1:1.5:3), LEAN CONCRETE MIX GRADE M10 (NOMINAL MIX 1:3:6)
  - STIRRUPS AND BARS ARE TO BE ADJUSTED AT SITE WHENEVER NECESSARY TO CLEAR STUB AND CLEAT
  - CLEAR COVER TO THE MAIN REINFORCEMENT BARS SHALL BE 60 MM UNLESS OTHERWISE SPECIFIED
  - ALL 6mm BARS ARE MS BARS.

TOWER SLOPE TAN ALPHA = 0.245256

LEVEL	STUB	CC OF STUB	P	M	N	CLEAT DETAILS
+0m	HT L 130*10	35.9	12113	13351	18881	MS 100*4
+3m	HT L 130*10	35.9	13584	14822	20962	MS 100*4
+6m	HT L 130*10	35.9	15056	16294	23043	MS 100*4

THE FOUNDATION HAS BEEN DESIGNED FOR THE FOLLOWING PARAMETERS:  
 TYPE OF SOIL : DFR  
 UNIT WEIGHT: 1440 Kg/Cu.M  
 BEARING CAPACITY: 62500 kg/m<sup>2</sup>  
 ANGLE OF REPOSE : 20 Degree  
 WATER TABLE : 3 M FROM CL

FOR BIHAR STATE POWER TRANSMISSION COMPANY LTD.



DRAWN BY	DESCRIPTION	220KV D/C "DD+036" TOWER FOUNDATION DRAWING OF TYPE DFR
CHECKED BY	DRG. NO.	220KV-D/C-+0/3-Fdm-DFR-46
APPROVED BY		