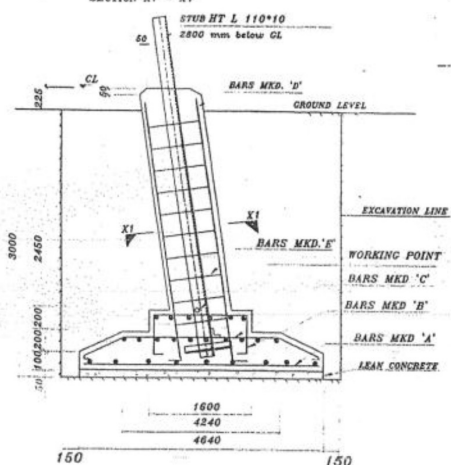


BAR TYPE	SKETCH	BAR DIA. (mm)	LENGTH (mm)	NOS./LEG	UNIT WEIGHT (KG/m)	WEIGHT PER LEG (KG.)	WEIGHT PER TOWER (KG.)
A	4540	10	4540	64	0.617	179.276	717.104
B	1500	10	2470	24	0.617	36.576	146.304
C	4140	10	4764	38	0.617	111.697	446.788
D	3350	20	3350	8	2.466	66.089	264.356
E	1750	6	1750	11	0.222	4.273	17.092
F	1278	6	1278	11	0.222	3.120	12.480
<b>TOTAL WEIGHT (kgs) = 1604.124</b>							



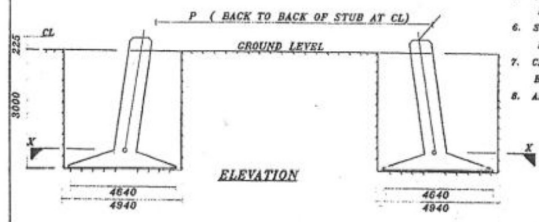
EXCAVATION	=	292.84 m <sup>3</sup>
CONCRETE(1:1.5:3)	=	29.12 m <sup>3</sup>
CONCRETE(1:3:6)	=	4.31 m <sup>3</sup>
REINFORCEMENT	=	1604.12 kgs

TOWER SLOPE TAN ALPHA = 0.152107

LEVEL	STUB	CC OF STUB	P	M	N	CLEAT DETAILS
+0m	HT L 110X10	30.9	6613	7364	10415	SEE 80% NO. OF PAGES & SLOTS / PAIR.

- NOTES:
- DRAWING NOT TO SCALE
  - ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE STATED
  - REINFORCED BAR USED Fe 500 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 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.

THE FOUNDATION HAS BEEN DESIGNED FOR THE FOLLOWING PARAMETERS:  
 TYPE OF SOIL : WBC  
 UNIT WEIGHT: 1440 / 240 Kg/Cu.M  
 BEARING CAPACITY: 13675 kg/m<sup>2</sup>  
 ANGLE OF REPOSE : 0 / 0 Degrees  
 WATER TABLE : 0 TO 3 M FROM CL



FOR BIHAR STATE POWER TRANSMISSION COMPANY LTD.

DRAWN BY	DESCRIPTION	132KV D/C "DC +0" TOWER FOUNDATION DRAWING OF TYPE WBC
CHECKED BY	DRG. NO.	132KV-D/C-0-Fdn-WBC-35
APPROVED BY		