

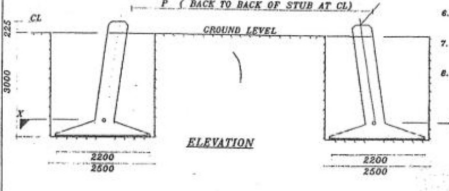
BAR BENDING SCHEDULE FOR FOUNDATION							
BAR TYPE	SKETCH	BAR DIA. (mm)	LENGTH (mm)	NO. / LEG	UNIT WEIGHT (kg/m)	WEIGHT PER LEG (kg.)	WEIGHT PER TOWER (kg.)
A		10	2100	48	0.617	62.194	248.776
B		10	1410	10	0.617	8.700	34.800
C		10	2324	18	0.617	25.810	103.240
D		20	3350	8	2.466	66.089	264.356
E		6	1550	11	0.222	3.785	15.140
F		6	1138	11	0.222	2.778	11.112
<b>TOTAL WEIGHT (kgs) =</b>						<b>677.424</b>	

QUANTITIES / TOWER	
EXCAVATION	= 75.00 m <sup>3</sup>
CONCRETE (1:1.5:3)	= 7.61 m <sup>3</sup>
CONCRETE (1:3:6)	= 0.97 m <sup>3</sup>
REINFORCEMENT	= 677.42 kgs

TOWER SLOPE TAN ALPHA = 0.152107					
EXCAVATION PLAN DETAILS					
LEVEL	STUB	CG OF STUB	P	N	CLEAT DETAILS
+0m	HT L 110X10	30.9	6613	7395	10458

- 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 (NOVINAL MIX 1:1.5:3), LEAN CONCRETE MIX GRADE M10 (NOVINAL 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 : DRY  
 UNIT WEIGHT: 1440 K<sub>s</sub>/Cu.M  
 BEARING CAPACITY: 27350 kg/m<sup>2</sup>  
 ANGLE OF REPOSE : 30 Degrees  
 WATER TABLE : 3 M FROM CL



BIHAR STATE POWER TRANSMISSION COMPANY LTD.

DRAWN BY	DESCRIPTION
CHECKED BY	132KV D/C "DC +0" TOWER FOUNDATION DRAWING OF TYPE DRY
APPROVED BY	DRG. NO. 132KV-D/C-0-Fdn-Dry-31