

BAR BENDING SCHEDULE FOR FOUNDATION							
BAR TYPE	SKETCH	BAR DIA (mm)	LENGTH (mm)	NOS./LEG	UNIT WEIGHT (KG/m)	WEIGHT PER LEG (KG.)	*HEIGHT PER TOWER (NO.)
A		12	4940	58	0.888	254.430	1017.720
B		12	2614	18	0.888	41.782	167.128
C		12	5164	36	0.888	165.083	660.332
D		20	3350	12	2.466	99.133	396.532
E		6	1950	11	0.222	4.761	19.044
F		6	1376	22	0.222	6.720	26.880
TOTAL WEIGHT (kgs) =					2287.636		

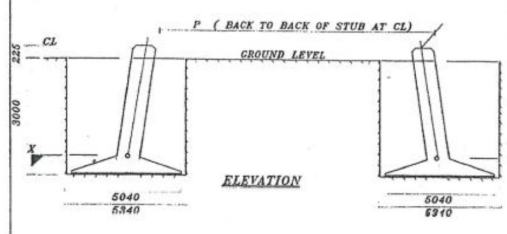
QUANTITIES / TOWER	
EXCAVATION	= 342.19 m ³
CONCRETE (1:1.5:3)	= 34.60 m ³
CONCRETE (1:3:6)	= 5.08 m ³
REINFORCEMENT	= 2287.64 kgs

- 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 50 MM UNLESS OTHERWISE SPECIFIED
 - ALL 6mm BARS ARE MS BARS.

EXCAVATION PLAN DETAILS						
LEVEL	STUB	CG OF STUB	P	M	N	CLEAT DETAILS
+0m	HT L 130'10	35.9	8073	8985	12706	M3 80*4 NO. OF PAIRS 3 BOLTS / PAIR 4

THE FOUNDATION HAS BEEN DESIGNED FOR THE FOLLOWING PARAMETERS:
 TYPE OF SOIL : WBC
 UNIT WEIGHT: 1440 / 840 Kg/Cu.M
 BEARING CAPACITY: 13675 kg/m²
 ANGLE OF REPOSE : 0 / 0 Degree
 WATER TABLE : 0 TO 3 M FROM CL

BIHAR STATE POWER TRANSMISSION COMPANY LTD.



DRAWN BY	DESCRIPTION
CHECKED BY	132KV D/C "DD +0" TOWER FOUNDATION DRAWING OF TYPE WBC
APPROVED BY	DRG. NO. 132KV-D/C-0-Fdn-WBC-45