

BAR BENDING SCHEDULE FOR FOUNDATION						
BAR TYPE	SKETCH	BAR DIA. (mm)	LENGTH (mm)	NOE./ LEC	UNIT WEIGHT (KG/M)	WEIGHT PER TOWER (KG.)
A		10	3000	44	0.617	81.444
B		10	1810	14	0.617	15.635
C		10	3224	22	0.617	43.763
D		25	3350	8	3.853	103.260
E		8	1590	11	0.395	6.908
F		8	1166	11	0.395	5.066
					TOTAL WEIGHT (kgs) = 1024.304	

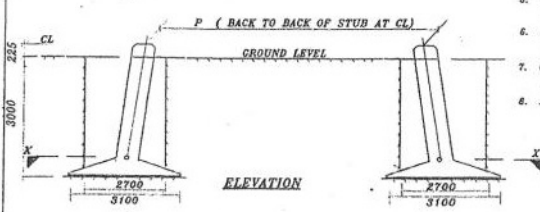
QUANTITIES / TOWER	
EXCAVATION	= 89.78 m ³
CONCRETE(1:1.5:3)	= 13.54 m ³
CONCRETE(1:3:6)	= 1.92 m ³
REINFORCEMENT	= 1024.30 kgs

EXCAVATION PLAN DETAILS						
LEVEL	STUB	CC OF STUB	P	M	N	CLEAT DETAILS
+0m	HT L 110*8	30.0	10296	11327	16019	NO 100% NO. OF PAIRS & BOLTS / PAIR
+3m	HT L 110*8	30.0	11517	12548	17746	
+6m	HT L 110*8	30.0	12720	13751	19447	

- 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.

THE FOUNDATION HAS BEEN DESIGNED FOR THE FOLLOWING PARAMETERS:
 TYPE OF SOIL : WFR
 UNIT WEIGHT: 1440 / 940 Kg/Cu.M
 BEARING CAPACITY: 62500 kg/m²
 ANGLE OF REPOSE 20 / 10 Degrees
 WATER TABLE : 1.6 TO 3 M FROM CL

FOR BIHAR STATE POWER TRANSMISSION COMPANY LTD.



DRAWN BY	DESCRIPTION	220KV D/C "DB+036" TOWER FOUNDATION STRUCTURE OF TYPE WFR
CHECKED BY		
APPROVED BY	DRG. NO.	220KV-D/C-+0/3/6-Fdn-WFR-27