

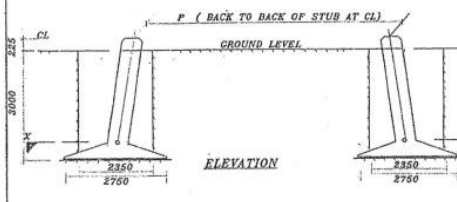
BAR BENDING SCHEDULE FOR FOUNDATION							
BAR TYPE	SKETCH	BAR DIA. (mm)	LENGTH (mm)	NOS. PER LEG	UNIT WEIGHT (kg/m)	WEIGHT PER LEG (kg.)	WEIGHT PER TOWER (kg.)
A		10	2650	32	0.617	52.322	209.288
B		10	1500	10	0.617	9.255	37.020
C		10	2874	18	0.617	31.919	127.676
D		20	3350	8	2.466	66.089	264.356
E		6	1550	11	0.222	3.785	15.140
F		6	1138	11	0.222	2.778	11.112
TOTAL WEIGHT (kgs) =						664.592	

QUANTITIES / TOWER	
EXCAVATION	= 68.29 m ³
CONCRETE (1:1.5:3)	= 10.76 m ³
CONCRETE (1:3:3)	= 1.51 m ³
REINFORCEMENT	= 664.59 kgs

EXCAVATION PLAN DETAILS						
LEVEL	STUB	CG OF STUB	P	M	N	CLEAR DETAILS
+0m	HT L 100*8	27.6	5490	5939	8389	AS 80% NO. OF PAIRS & BOLTS / PAIR*
+3m	HT L 100*8	27.6	6853	6502	9195	
+6m	HT L 100*8	27.6	6598	7047	9966	

- 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 CLEAR
 - 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 Degree
 WATER TABLE : 1.5 TO 3 M FROM GL



FOR BIHAR STATE POWER TRANSMISSION COMPANY LTD.

DRAWN BY	DESCRIPTION	220KV D/C "DA+036" TOWER FOUNDATION DRAWING OF TYPE WFR
CHECKED BY	DRG. NO.	220KV-D/C-+0/3/6-Fdn-WFR-17
APPROVED BY		