

BAR TYPE	SKETCH	BAR DIA (mm)	LENGTH (mm)	NOS./ LEC	UNIT WEIGHT (kg/m)	WEIGHT FOR LEC (kg)	WEIGHT PER TOWER (kg)
A		10	4680	64	0.617	184.804	739.216
B		10	2740	28	0.617	47.336	189.344
C		10	4904	40	0.617	121.031	484.124
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) =	1703.292

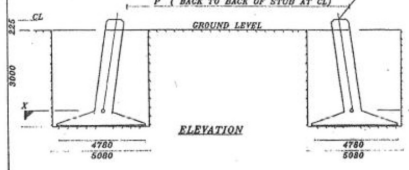
EXCAVATION	=	309.68 m ³
CONCRETE (1:1.5:3)	=	31.19 m ³
CONCRETE (1:3:6)	=	4.57 m ³
REINFORCEMENT	=	1703.29 kgs

TOWER SLOPE TAN ALPHA = 0.152107

LEVEL	STUB	CG OF STUB	P	M	N	CLEAR DETAILS
+3m	HT. L 110*10	30.9	7525	8261	11683	M 80*4
+6m	HT. L 110*10	30.9	8438	9174	12974	M 80*4
+9m	HT. L 110*10	30.9	9350	10086	14264	BOLTS / PAIR-4

- NOTES:
- DRAWING NOT TO SCALE
 - ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE STATED
 - REINFORCED BAR USED F4 600 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 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 / 940 Kg/Cu.M
 BEARING CAPACITY : 13675 kg/m²
 ANGLE OF REPOSE : 0 / 0 Degree
 WATER TABLE : 0 TO 3 M FROM CL



FOR BIHAR STATE POWER TRANSMISSION CO. LTD.

DRAWN BY		DESCRIPTION	132KV D/C "DC+3/6/9" TOWER FOUNDATION DRAWING OF TYPE-WBC
CHECKED BY		DRG. NO.	132KV-D/C-+3/6/9-Fdn-WBC-35
APPROVED BY			