

BAR BENDING SCHEDULE FOR FOUNDATION

BAR TYPE	SKETCH	BAR DIA. (mm)	LENGTH (mm)	NOS./LEG	UNIT WEIGHT (KG/M)	WEIGHT PER LEG (KG.)	WEIGHT PER TOWER (KG.)
A	50H0	12	5080	50	0.888	225.552	902.208
B	20:30 482 100	12	3194	26	0.888	73.743	294.972
C	2/12 4680 350	12	5304	34	0.888	160.138	640.552
D	350 3000	25	3350	8	3.853	103.260	413.040
E	450	8	1950	11	0.395	8.472	33.888
F	318 450	8	1422	11	0.395	6.178	24.712
TOTAL WEIGHT (kgs) =						2309.372	

QUANTITIES / TOWER

EXCAVATION	=	360.36 m ³
CONCRETE (1:1.5:3)	=	39.14 m ³
CONCRETE (1:3:6)	=	5.37 m ³
REINFORCEMENT	=	2309.37 kgs

- NOTES:**
- DRAWING NOT TO SCALE
 - ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE STATED
 - REINFORCED BAR USED Fe 500 CONFORMING TO IS 1786-1986
 - 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.

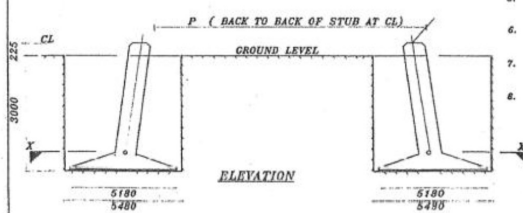
TOWER SLOPE TAN ALPHA = 0.18403

EXCAVATION PLAN DETAILS

LEVEL	STUB	CC OF STUB	P	M	N	CLEAT DETAILS
+3m	HT L 130*10	35.9	9177	10052	14216	MS 90*4 NO. OF PAIRS 2
+6m	HT L 130*10	35.9	10281	11156	15777	80*50 / PAIR-4
+9m	HT L 130*10	35.9	11386	12260	17339	

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



BIHAR STATE POWER TRANSMISSION COMPANY LTD.

DRAWN BY	DESCRIPTION	FOR
CHECKED BY		132KV D/C "DD+369" TOWER FOUNDATION DRAWING OF TYPE WBC
APPROVED BY	DRG. NO.	132KV-D/C-+3/6/9-Fdn-WBC-45