

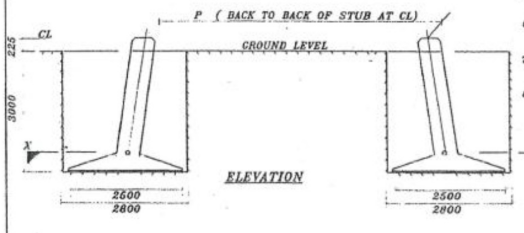
BAR TYPE	SKETCH	BAR DIA. (mm)	LENGTH (mm)	NOS./LEG	UNIT WEIGHT (kg/m)	WEIGHT PER LEG (kg.)	WEIGHT PER TOWER (kg.)
A		12	2100	38	0.888	80.988	323.944
B		12	1864	12	0.888	19.863	79.452
C		12	2624	16	0.888	37.282	149.128
D		20	3350	12	2.466	99.133	396.532
E		6	1550	11	0.222	3.785	15.140
F		6	1210	22	0.222	5.909	23.634
TOTAL WEIGHT (kgs) =						987.830	

EXCAVATION	=	94.08 m ³
CONCRETE(1:1.5:3)	=	0.71 m ³
CONCRETE(1:3:6)	=	1.25 m ³
REINFORCEMENT	=	987.83 kgs

TOWER SLOPE TAN ALPHA =	0.18403					
EXCAVATION PLAN DETAILS						
LEVEL	STUB	CG OF STUB	P	M	N	CLEAT DETAILS
+0m	HT L 130*10	35.9	8073	8985	12706	MS 80*6 NO. OF PAIRS 8 BOLTS / PAIR 4

- 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 : DRY
 UNIT WEIGHT : 1440 Kg/Cu.M
 BEARING CAPACITY : 27350 kg/m²
 ANGLE OF REPOSE : 30 Degree
 WATER TABLE : 3 M FROM CL



FOR BIHAR STATE POWER TRANSMISSION COMPANY LTD.

DESIGNED BY		DESCRIPTION	132KV D/C "DD+0" TOWER FOUNDATION DRAWING OF TYPE DRY
CHECKED BY		DRG. NO.	132KV-D/C-0-Fdn-Dry-41
APPROVED BY			