

BAR BENDING SCHEDULE FOR FOUNDATION							
MARK No.	SHAPE OF THE BAR	DIA (mm)	LENGHT (mm)	Nos. Leg	Unit Wt. (Kg/m)	Wt./Leg. (Kg)	Wt./Tower (Kg)
A		10	2400	40	0.617	59.232	236.928
B		10	1640	8	0.617	8.095	32.380
C		10	2624	22	0.617	35.618	142.472
D		25	3350	8	3.854	103.287	413.148
E		8	1150	13	0.390	5.83	23.32
F		8	890	13	0.390	4.513	18.05
TOTAL REINFORCEMENT							866.298

TYPE OF TOWER : DB+0

TOWER SLOPE TAN ALPHA = 0.142771

LEVEL	STUB	CG OF STUB	P	M	N	CLEAT DETAILS
+0M	HT100*100*10	28.4	6057	6764	9566	MS 90*90*6 NO. OF PAIRS 2 4 BOLTS/PAIR

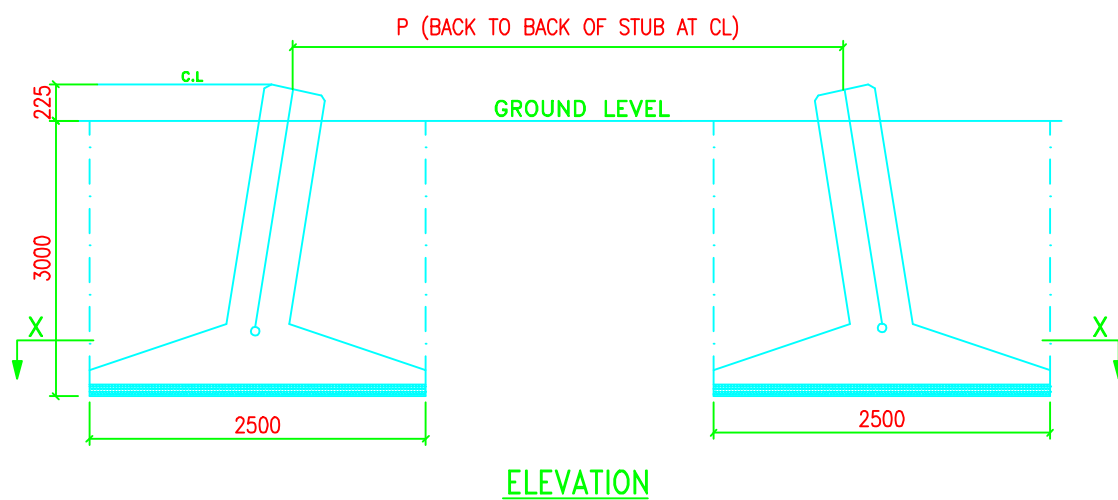
QUANTITIES/TOWER	
EXCAVATION VOLUME	= 54.739 Cu.M
CONCRETE (1:1.5:3)	= 8.565 Cu.M
CONCRETE (1:3:6)	= 1.250 Cu.M
REINFORCEMENT	= 866.298 Kgs.

NOTES:-

- DRAWING NOT TO SCALE.
- ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE STATED.
- REINFORCED BAR USED Fe 415 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 USED GRADE M-10 (NOMINAL MIX 1:3:6)
- WHENEVER NECESSARY TO CLEAR STUB AND CLEAT STIRRUPS AND BARS ARE TO BE ADJUSTED AT SITE.
- CLEAR COVER TO THE MAIN REINFORCEMENT BARS SHALL BE 50MM UNLESS OTHERWISE SPECIFIED.
- FOR CLEAT AND STUB TEMPLATE DETAILS PLEASE REFER RESPECTIVE STUB DRG.

THE FOUNDATION HAS BEEN DESIGNED FOR THE FOLLOWING PARAMETERS:

- TYPE OF SOIL : DFR
- UNIT WEIGHT : 1440 Kg/Cu.M
- BEARING CAPACITY : 62500 Kg/Sq.M
- ANGLE OF REPOSE : 20 Degrees
- WATER TABLE : 3.0M BELOW G.L



BIHAR STATE POWER TRANSMISSION COMPANY LTD

DRAWN BY	DESCRIPTION	132KV D/C "DB+0" TOWER FOUNDATION DRAWING OF TYPE - DFR		SCALE
CHECKED BY	DRG NO	132KV-D/C-0-Fdn-DFR-26	SHEET NO 1-1	REV. 0
APPROVED BY				