

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	4210	62	0.617	161.049	644.196
B		10	2250	14	0.617	19.435	77.740
C		10	4434	38	0.617	103.959	415.836
D		25	3350	8	3.854	103.287	413.148
E		8	1550	13	0.390	7.86	31.434
F		8	1170	13	0.390	5.932	23.727
TOTAL REINFORCEMENT							1606.081

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

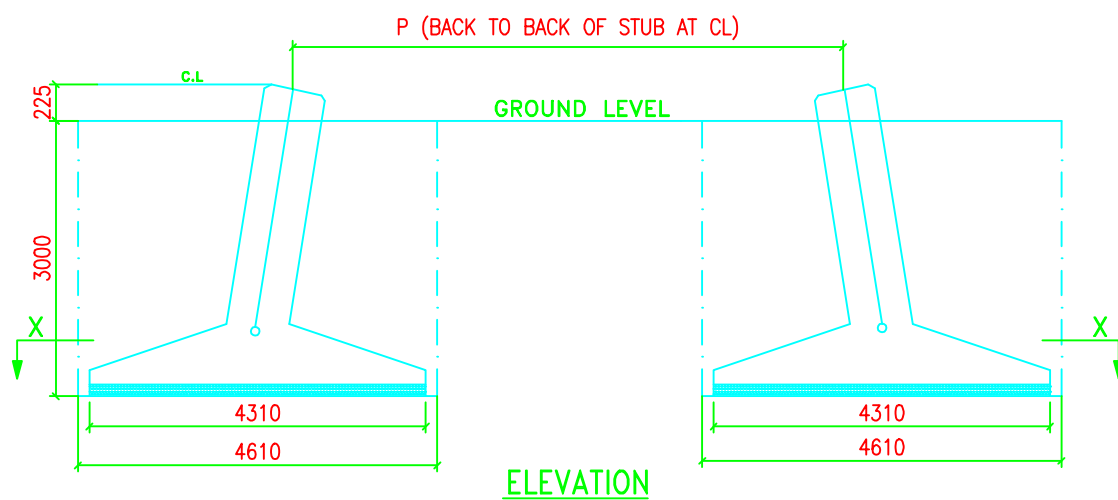
QUANTITIES/TOWER
EXCAVATION VOLUME = 255.025 Cu.M
CONCRETE ( 1:1.5:3 ) = 24.712 Cu.M
CONCRETE ( 1:3:6 ) = 3.715 Cu.M
REINFORCEMENT = 1606.081 Kgs.

**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 : WBC
- UNIT WEIGHT : 940 Kg/Cu.M
- BEARING CAPACITY : 13675 Kg/Sq.M
- ANGLE OF REPOSE : 0 Degrees
- WATER TABLE : AT G.L



BIHAR STATE POWER TRANSMISSION COMPANY LTD

DRAWN BY	DESCRIPTION	132KV D/C "DB+0" TOWER FOUNDATION DRAWING OF TYPE - WBC		SCALE
CHECKED BY	DRG NO	132KV-D/C-0-Fdn-WBC-25	SHEET NO 1-1	-
APPROVED BY			REV. 0	