

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	3160	48	0.617	93.586	374.344
B		10	1980	12	0.617	14.659	58.636
C		10	3384	28	0.617	58.461	233.844
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							1135.13

TYPE OF TOWER : DB+3/6/9

TOWER SLOPE TAN ALPHA = 0.142771

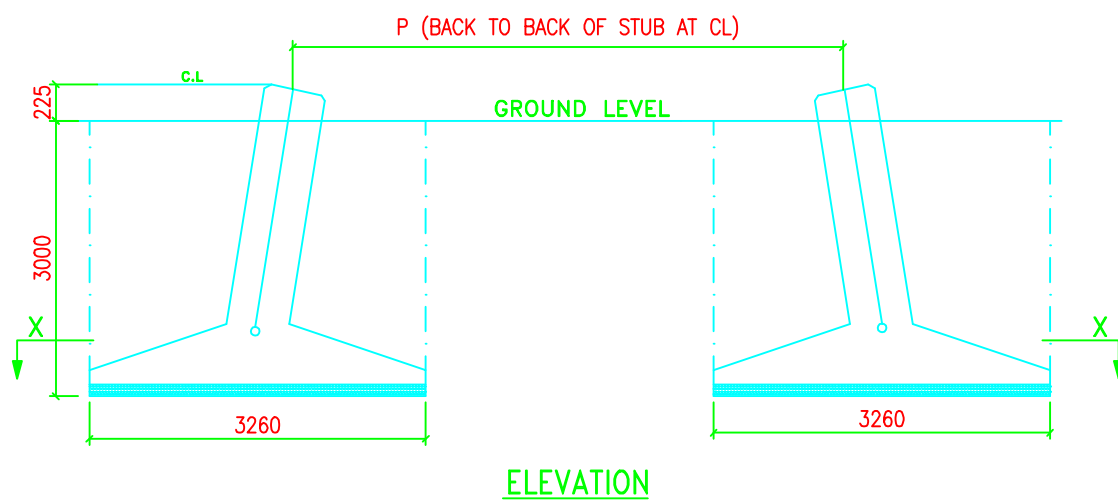
LEVEL	STUB	CG OF STUB	P	M	N	CLEAT DETAILS
+3M	HT 100*100*10	28.4	6914	7620	10776	MS 90*90*6 NO. OF PAIRS 2 4 BOLTS/PAIR
+6M	HT 100*100*10	28.4	7771	8477	11988	
+9M	HT 100*100*10	28.4	8627	9334	13200	

QUANTITIES/TOWER
EXCAVATION VOLUME = 100.582 Cu.M
CONCRETE (1:1.5:3) = 14.959 Cu.M
CONCRETE (1:3:6) = 2.126 Cu.M
REINFORCEMENT = 1135.13 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	: WFR
UNIT WEIGHT	: 1440/940 Kg/Cu.M
BEARING CAPACITY	: 62500 Kg/Sq.M
ANGLE OF REPOSE	: 20/10 Degrees
WATER TABLE	: 1.5M TO 3.0M BELOW G.L



BIHAR STATE POWER TRANSMISSION COMPANY LTD

DRAWN BY	DESCRIPTION	132KV D/C "DB+3/6/9" TOWER FOUNDATION DRAWING OF TYPE - WFR		SCALE
CHECKED BY	DRG NO	132KV-D/C-+3/6/9-Fdn-WFR-27	SHEET NO 1-1	-
APPROVED BY			REV. 0	