

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	1560	18	0.617	17.325	69.3
B		10	1090	4	0.617	2.69	10.76
C		10	1784	10	0.617	11.007	44.028
D		20	3350	8	2.466	66.088	264.352
E		8	1150	13	0.390	5.83	23.32
F		8	882	13	0.390	4.47	17.88
TOTAL REINFORCEMENT							429.64

TYPE OF TOWER : DA+0

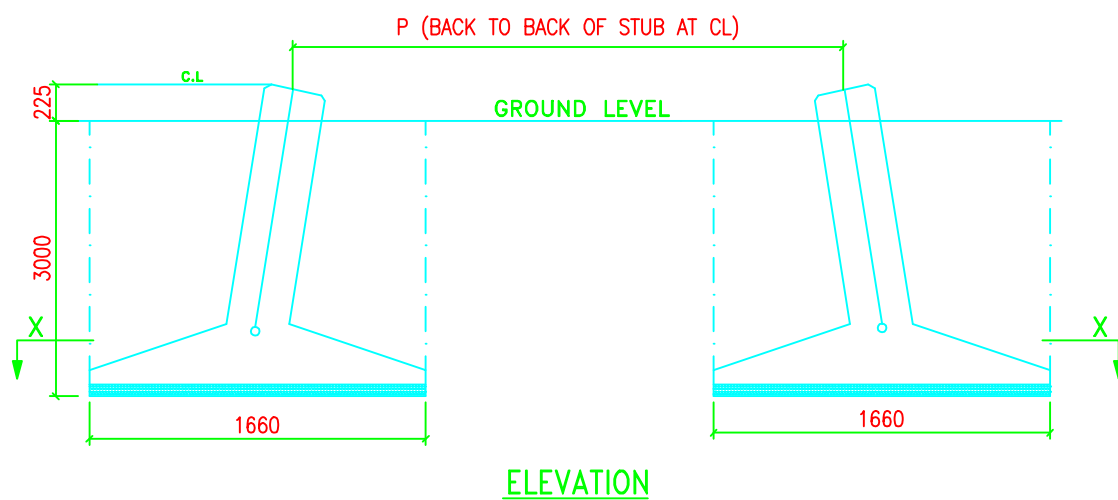
TOWER SLOPE TAN ALPHA = 0.09760541						
LEVEL	STUB	CG OF STUB	P	M	N	CLEAT DETAILS
+0M	HT 90*90*6	24.2	4548	5041	7129	MS 80*80*6 NO. OF PAIRS 2 3 BOLTS/PAIR

QUANTITIES/TOWER	
EXCAVATION VOLUME	= 20.198 Cu.M
CONCRETE (1:1.5:3)	= 4.259 Cu.M
CONCRETE (1:3:6)	= 0.551 Cu.M
REINFORCEMENT	= 429.64 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 "DA+0" TOWER		SCALE
CHECKED BY			FOUNDATION DRAWING OF TYPE - DFR		
APPROVED BY			DRG NO	132KV-D/C-0-Fdn-DFR-16	
				REV.	0