

QUANTITIES/TOWER	
EXCAVATION VOLUME =	68.862 Cu.M
CONCRETE (1:1.5:3) =	11.225 Cu.M
CONCRETE (1:3:6) =	1.524 Cu.M
REINFORCEMENT	= 1026.073 Kgs.

BAR BENDING SCHEDULE FOR FOUNDATION						
MARK No.	SHAPE OF THE BAR	DIA (mm)	LENGHT (mm)	Nos. Leg	Unit Wt. (kg/m)	Wt./Leg. (kg)
A		10	2660	52	0.617	85.343
B		10	1840	16	0.617	18.164
C		10	2884	20	0.617	35.588
D		25	3350	8	3.854	103.287
E		8	1590	13	0.390	8.061
F		8	1198	13	0.390	6.074
TOTAL REINFORCEMENT						24.215

TYPE OF TOWER : DC+0

TOWER SLOPE TAN ALPHA = 0.152107						
LEVEL	STUB	CG OF STUB	P	M	N	CLEAT DETAILS
+0M	HT110*110*10	30.9	6613	7333	10370	MS 90*90*6 NO. OF PAIRS 2 4 BOLTS/PAIR

THE FOUNDATION HAS BEEN DESIGNED FOR THE FOLLOWING PARAMETERS:

TYPE OF SOIL : DFR

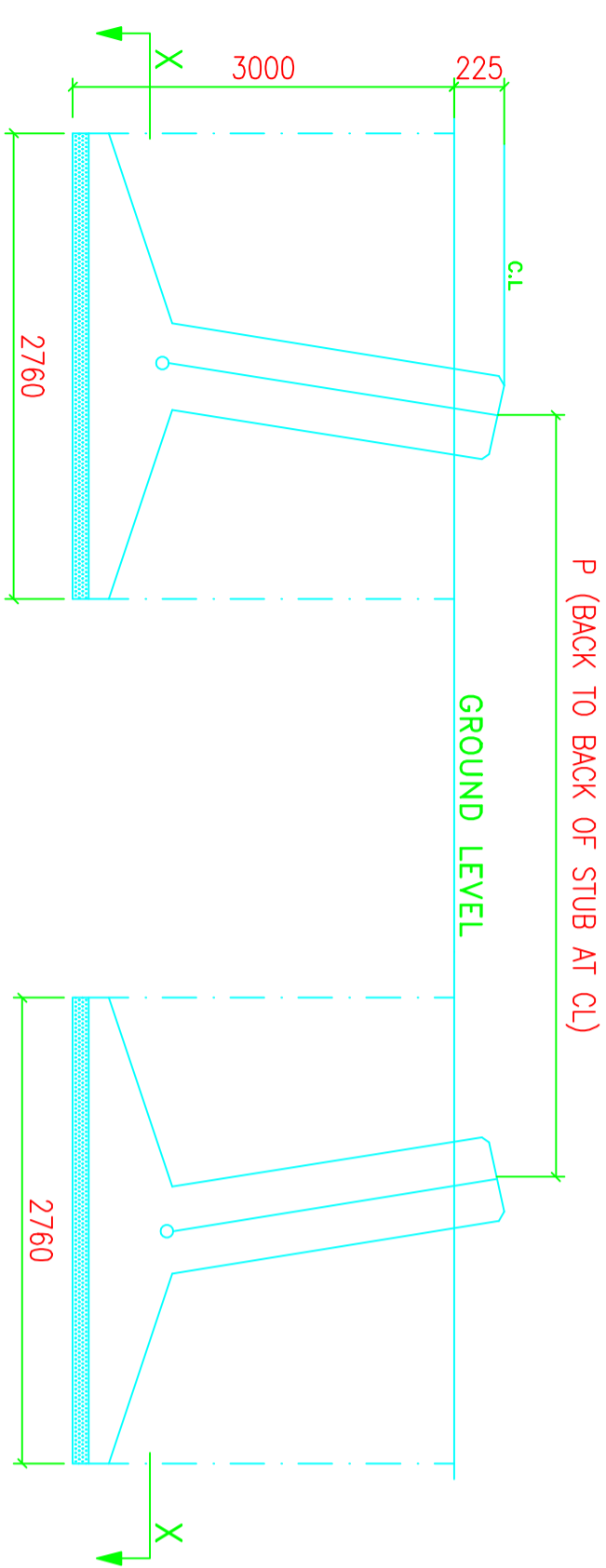
UNIT WEIGHT : 1440 Kg/Cu.M

BEARING CAPACITY : 62500 Kg/Sq.M

ANGLE OF REPOSE : 20 Degrees

WATER TABLE : 3.0M BELOW G.L

- 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.



BIHAR STATE POWER TRANSMISSION COMPANY LTD	
132KV D/C "DC+0" TOWER	FOUNDATION DRAWING OF TYPE - DFR
DRG NO	132KV-D/C-0-Fdn-DFR-36
DESCRIPTION	132KV D/C "DC+0" TOWER
DRG NO	FOUNDATION DRAWING OF TYPE - DFR
SCALE	-
SHEET NO	1-1
REV.	0