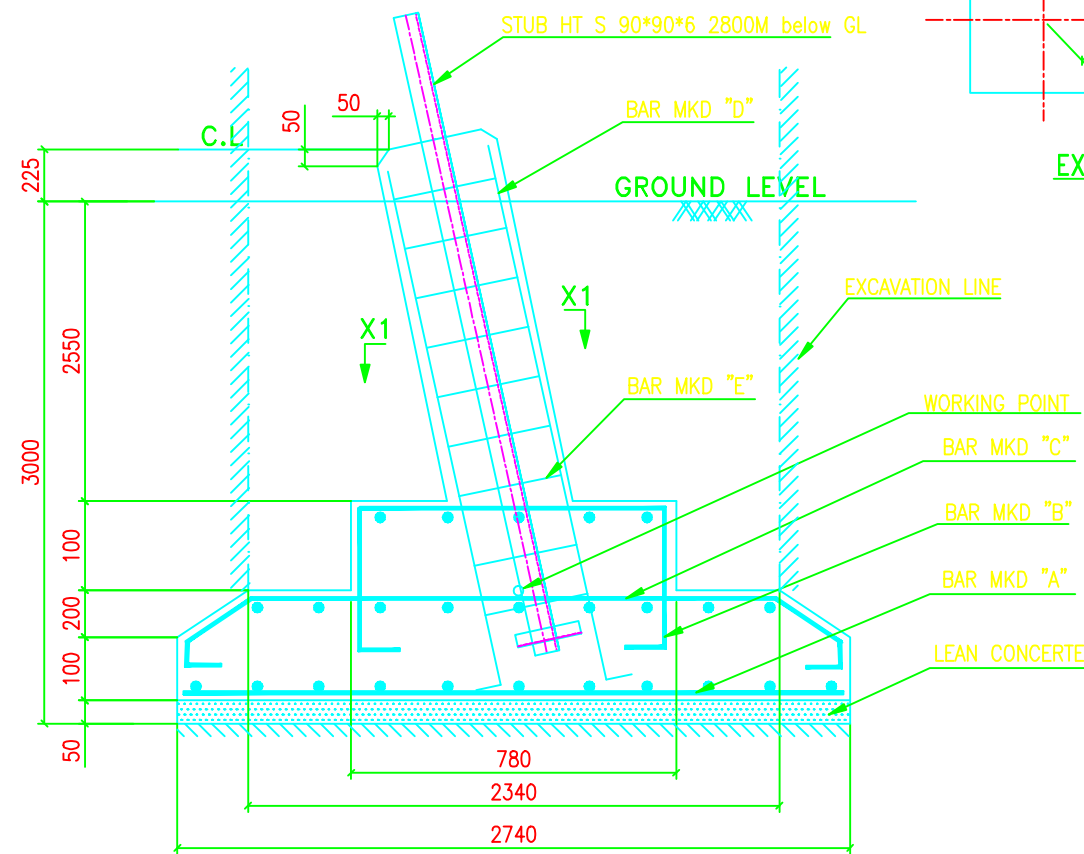
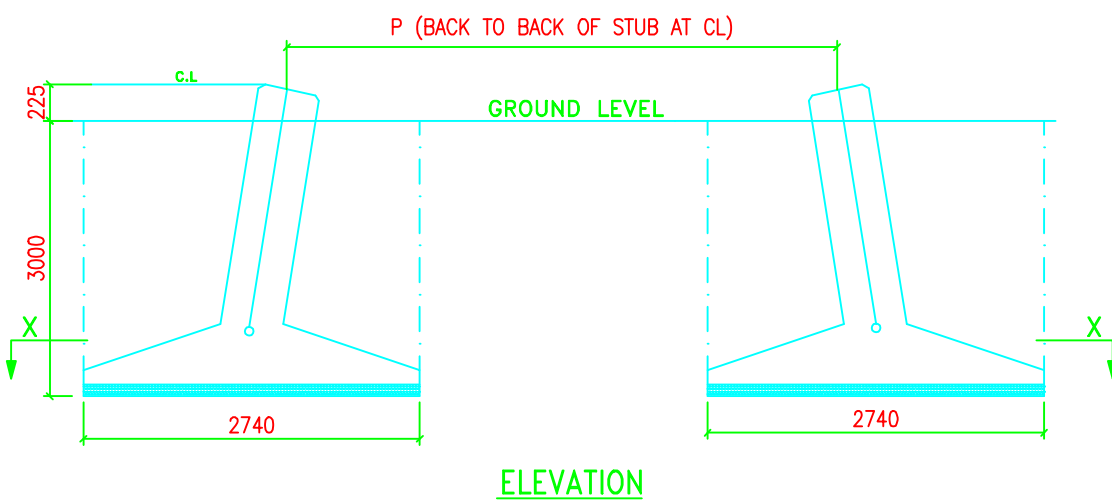


BAR BENDING SCHEDULE FOR FOUNDATION							
MARK No.	SHAPE OF THE BAR	DIA (mm)	LENGHT (mm)	Nos. Leg	Unit Wt. (Kg/m)	Wt./Leg. (Kg)	Wt./Tower (Kg)
A		10	2640	26	0.617	42.35	169.4
B		10	1420	6	0.617	5.256	21.024
C		10	2864	16	0.617	28.273	113.092
D		20	3350	8	2.466	66.088	264.352
E		8	1550	13	0.390	7.86	31.434
F		8	1166	13	0.390	5.912	23.646
TOTAL REINFORCEMENT							622.95



QUANTITIES/TOWER	
EXCAVATION VOLUME	= 67.718 Cu.M
CONCRETE ( 1:1.5:3 )	= 10.666 Cu.M
CONCRETE ( 1:3:6 )	= 1.502 Cu.M
REINFORCEMENT	= 622.950 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.

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

THE FOUNDATION HAS BEEN DESIGNED FOR THE FOLLOWING PARAMETERS:

TYPE OF SOIL : SFR  
 UNIT WEIGHT : 1440/940 Kg/Cu.M  
 BEARING CAPACITY : 62500 Kg/Sq.M  
 ANGLE OF REPOSE : 10 Degrees  
 WATER TABLE : 0M TO 1.5M BELOW G.L.

**BIHAR STATE POWER TRANSMISSION COMPANY LTD**

DRAWN BY	DESCRIPTION	132KV D/C "DA+0" TOWER FOUNDATION DRAWING OF TYPE - SFR		SCALE
CHECKED BY	DRG NO	132KV-D/C-0-Fdn-SFR-18	SHEET NO 1-1	REV. 0
APPROVED BY				