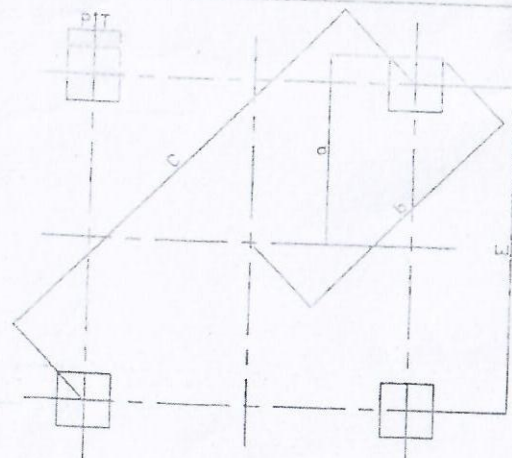
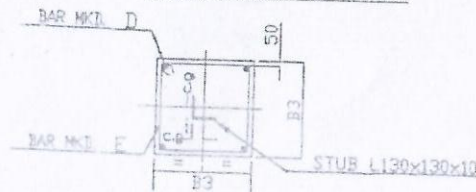
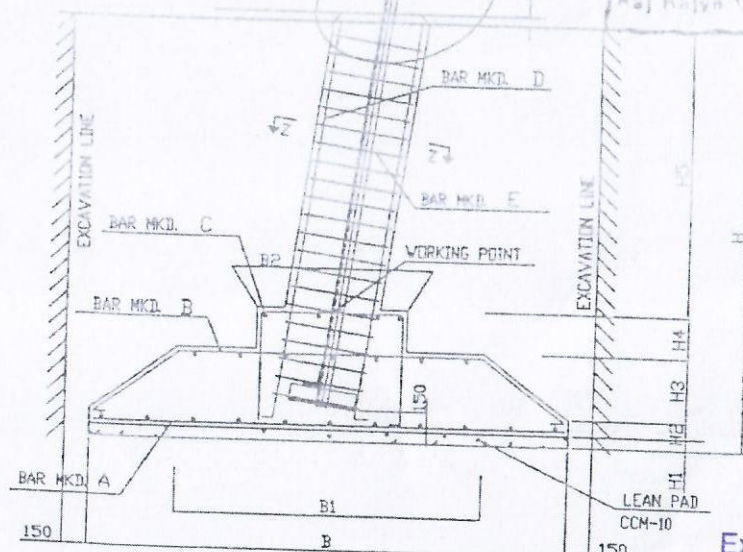




PIT MARKING DIAGRAM



SECTION Z-Z



DETAIL	MT.	+30%	+50%
EXCAVATION C/C	E	10275 ✓	11425 ✓
EXCAVATION DIAGONAL	C	14533 ✓	16158 ✓
DIMENSION	a	6513 ✓	7088 ✓
DIMENSION	b	9211 ✓	10024 ✓

FOUNDATION DETAIL									
H	H1	H2	H3	H4	H5	B	B1	B2	B3
3000	75	100	165	250	2410	2450	2120	1090	40

GENERALLY APPROVED
Subject to conditions vide our
Letter
S E (TL) X EN (TL)
Maj Rajya V. Jyoti Prasad Nigam

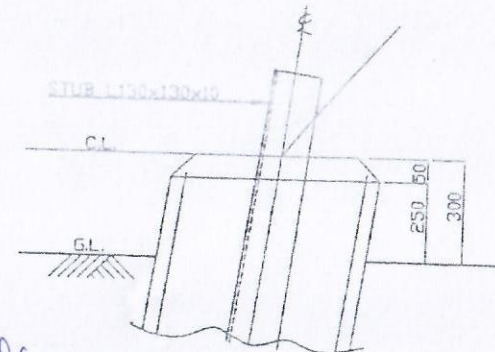
REINFORCEMENT DETAIL								
BAR MKD	DETAIL OF BAR	dia mm	a mm	b mm	TOTAL LG. mm	WT/BAR kg.	NO OF BAR/LEG	TOTAL /TOWER
A		12#	2350 ✓	0	2350	2.09	14	116.64
B		10#	2020	163	2545	1.57	24	150.65
C		10#	990 ✓	365 ✓	1920	1.18	14	66.29
D		16#	3057	300	3357	5.30	4	84.78
E		8#	300 ✓	300 ✓	1456	0.57	14	32.17
TOTAL=								450.73

SAY 451kgs

QUANTITIES / TOWER	
EXCAVATION VOLUME	= 90.75 m ³
CONCRETE(M15)	= 8.78 m ³ ✓
CONCRETE(M10)	= 1.80 m ³ ✓
REINFORCEMENT QTY.	= 451 KG

TOWER SLOPES	
TANK(BETA)	= 0.19155
PIANO(BETA)	= 0.38310

- GENERAL NOTES
1. ALL DIMENSIONS ARE IN MM
 2. ALL THE FOUR LEGS SHALL HAVE SAME FOUNDATION
 3. REINFORCEMENT BAR MARKED (FOR STEEL) SHALL CONFORM TO IS4766 GRADE Fe415 & REINFORCEMENT BAR MARKED # PLAIN CONFORMS TO IS11129
 4. CONCRETE SHALL BE OF M15 GRADE
 5. LEAN CONCRETE SHALL BE M10 GRADE



DETAIL AT Y

(A. K. SINGHAL)
Executive Engineer (T&C)
RVPNL, Ajmer

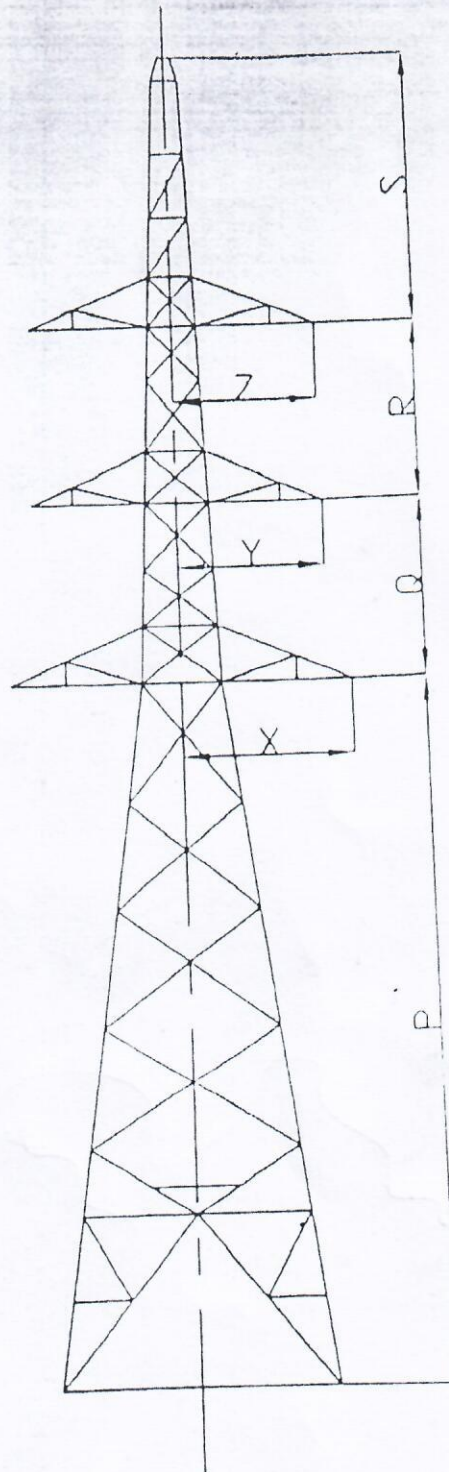
Rev.No.	REVISION	DATE	SIGN
0	Issued	27.10.04	

Hyundai Unitech Electrical Transmission Limited			
CLIENT	R. R. V. P. N. L		
SPEC/NO.	TN3507		
PROJECT	220KV D/C TRANS LINE		
TITLE	FOUNDATION DRAWING FOR TOWER TYPE 'B' EXTENSION ±0M, +3M, +6M SOIL TYPE- DRY		
SCALE- 1:5	DRAWN BY RULAKHNE	CHECKED BY VISHWAKSH	APPROVED BY Rajya Singh
DESIGN HU139/DES/220B/FND/001			

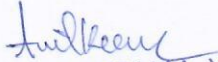
0078

220KV DOUBLE CIRCUIT TOWER TYPE - A,B,C,D

20



TYPES OF TOWER	P	Q	R	S	X	Y	Z	TOTAL HEIGHT OF TOWER (P+Q+R+S)
A	18.955	4.90	4.90	4.805	4.34	4.20	4.20	33.56 Mtr.
B	16.415	4.90	4.90	7.338	4.327	4.327	4.327	33.533 Mtr.
C	16.415	4.90	4.90	7.521	4.750	4.348	4.348	33.736 Mtr.
D	16.420	4.90	4.90	8.41	5.45	5.20	4.850	34.63 Mtr.


 (A. K. SINGHAL)
 Executive Engineer (T&C)
 RVPNL, Ajmer