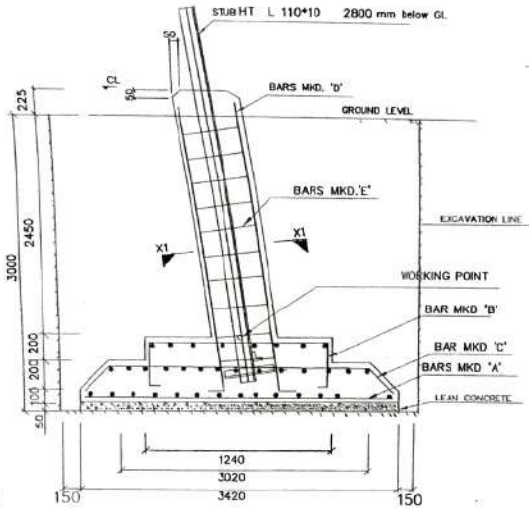


BAR TYPE	SKETCH	BAR DIA. (mm)	LENGTH (mm)	NOS./LEG	UNIT WEIGHT (KG/M)	WEIGHT PER LEG (KG)	WEIGHT PER TOWER (KG)
A	3320	10	3320	38	0.617	77.84	311.36
B	1140	10	2100	20	0.617	25.91	103.66
C	2920	10	3544	24	0.617	52.48	209.92
D	3500	20	3545	8	2.466	69.936	279.743
E	350	8	1550	11	0.395	6.74	26.94
F	1138	8	1138	11	0.395	4.95	19.78
TOTAL REINFORCEMENT(Kg)						237.85	951.4



EXCAVATION	166.06	m ³
CONCRETE (1:1.5:3)	15.39	m ³
CONCRETE (1:3:6)	2.34	m ³
REINFORCEMENT	951.4	KGS

- NOTES:
- DRAWING NOT TO SCALE
 - ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE STATED
 - REINFORCED BAR USED Fe 500 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 GRADE M10 (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 50 MM UNLESS OTHERWISE SPECIFIED
 - FOR CLEAT AND STUB TEMPLATE DETAILS PLEASE REFER STUB DRG.
 - STUB SETTING/PROP SETTING TEMPLATE HAS TO BE USED IN EACH LOCATION OF TOWER
 - AT SITE PROPER COMPACTION OF BACK FILLED EARTH MUST BE

TYPE OF SOIL :	PS
UNIT WEIGHT:	1440 / 940 Kg/Cu.M
BEARING CAPACITY:	12500 kg/m ²
ANGLE OF REPOSE :	30 / 15 Degrees
WATER TABLE :	0.75 TO 1.5 M FROM GL

TOWER SLOPE TAN ALPHA = 0.18980

LEVEL	STUB	CD OF STUB	P	M	N
0	HT L 110*10	31	9263	10234	14474
3	HT L 110*10	31	10402	11373	16084
6	HT L 110*10	31	11541	12512	17695
9	HT L 110*10	31	12679	13651	19305

Date: 25/05/2022

☒ APPROVED

☐ Approved With Correction

Checked by: [Signature]

Approved by: [Signature]

अधिकृत एवं परामर्श प्रकोष्ठ
Design & Consultancy Cell

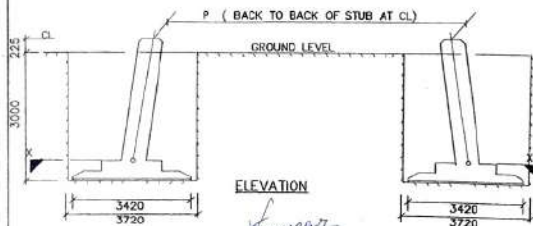
BIHAR STATE POWER TRANSMISSION COMPANY LTD. (BSPICL)

TITLE : 220 KV D/C SINGLE ZEBRA "DC" MKD "2SD"
FOUNDATION DRAWING OF TT DC (NT+0/+3/+6/+9) EQUAL LEG & SOIL TYPE - PS

DWG. NO. CD_DC(NT+0/+3/+6/+9)_PSSOIL_22(i)(c)

SCALE : NTS

SHEET 01 OF 01



ELEVATION

06.06.22

(Vinay Kumar)

AE (C) B.S.P.T.C.L

06.06.22

ALLIANCE

BSPTCL