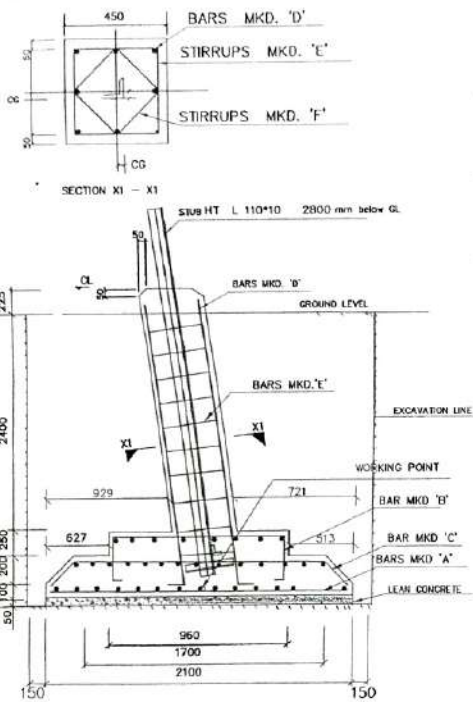


BAR TYPE	SKETCH	BAR DIA. (mm)	LENGTH (mm)	NOS / LEG	UNIT WEIGHT (KG/M)	WEIGHT PER LEG (KG.)	WEIGHT PER TOWER (KG.)
A	2000	10	2000	20	0.617	24.68	98.72
B	860	10	1920	18	0.617	21.32	85.30
C	1600	10	2224	36	0.617	49.40	197.60
D	350/300	12	3350	4	0.888	11.90	47.60
E	350	20	3485	4	2.466	34.475	137.899
F	350	8	1550	11	0.395	6.74	26.94
F	247	8	1138	11	0.395	4.95	19.78
TOTAL REINFORCEMENT (Kg)						153.455	613.82

EXCAVATION	=	69.12	m ³
CONCRETE (1:1.5:3)	=	7.71	m ³
CONCRETE (1:5:6)	=	0.88	m ³
REINFORCEMENT	=	613.82	kg

- 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 1:5:6)
 - 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 DONE.

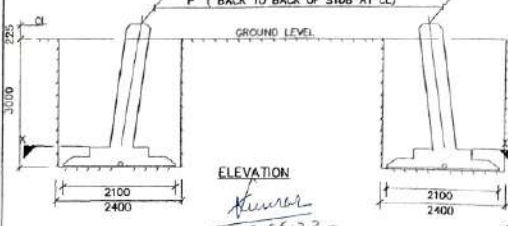
TYPE OF SOIL:	DRY
UNIT WEIGHT:	1440 Kg/Cu.M
BEARING CAPACITY:	25000 kg/m ²
ANGLE OF REPOSE:	30 Degrees
WATER TABLE:	3 M FROM GL

TOWER SLOPE TAN ALPHA = 0.18280

LEVEL	STUB	CC OF STUB	P	M	N
0	HT L 110*10	31	9263	10215	14447
3	HT L 110*10	31	10402	11354	16057
6	HT L 110*10	31	11541	12493	17658
9	HT L 110*10	31	12679	13632	19278

Date: 25/05/2020
☒ APPROVED
☐ APPROVED WITH CORRECTION
 Checked by: [Signature]
 Approved by: [Signature]

BIHAR STATE POWER TRANSMISSION COMPANY LTD. (BSPTCL)	
TITLE: 220 KV D/C SINGLE ZEBRA "DC" MKD "2SD"	
FOUNDATION DRAWING OF TT DC (NT+0/+3/+6/+9) EQUAL LEG & SOIL TYPE- DRY	
DWG. NO. CD_DC (NT+0/+3/+6/+9)_DRY SOIL_22(1)(c)	
SCALE: NTS	SHEET 01 OF 01



ELEVATION
 06.06.22
 (Vinay Kumar)
 AE (C), BSPTCL

06.06.22
 KUMAR ANAND
 EE (CIVIL)
 BSPTCL

06.06.22
 ANJANI KUMAR
 CE (CIVIL)
 BSPTCL