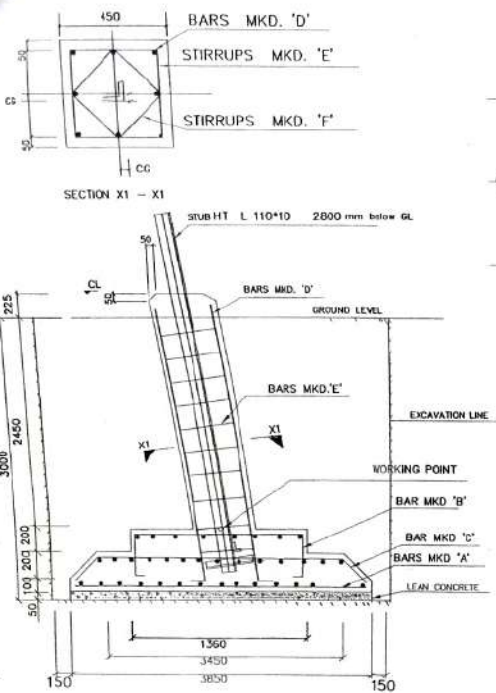


000019

BAR TYPE	SKETCH	BAR DIA. (mm)	LENGTH (mm)	NOS./LEG	UNIT WEIGHT (KG/m)	WEIGHT PER LEG (KG.)	WEIGHT PER TOWER (KG.)
A		10	3750	44	0.617	101.81	407.22
B		10	2220	22	0.617	30.13	120.54
C		10	3350	28	0.617	68.66	274.62
D		20	3545	8	2.456	69.936	279.743
E		8	1550	11	0.395	6.74	25.94
F		8	1138	11	0.395	4.95	19.78
TOTAL REINFORCEMENT (Kg)						282.21	1128.837

EXCAVATION	=	205.67	m ³
CONCRETE (1:1.5:3)	=	20.24	m ³
CONCRETE (1:1.5:6)	=	2.96	m ³
REINFORCEMENT	=	1128.837	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 DONE.

TYPE OF SOIL :	FS
UNIT WEIGHT :	1440 / 940 Kg/Cu.M
BEARING CAPACITY :	12500 kg/m ²
ANGLE OF REPOSE :	30 / 15 Degrees
WATER TABLE :	0 TO 0.75 M FROM GL

TOWER SLOPE TAN ALPHA = 0.16980

LEVEL	STUB	CG OF STUB	P	M	N
0	HT L 110*10	31	920.3	10234	14474
3	HT L 110*10	31	10402	11373	16084
6	HT L 110*10	31	11541	12512	17655
9	HT L 110*10	31	12679	13651	18405

Date: 25/05/2022

☒ APPROVED

☐ CORRECTION

Checked by:

Approved by:

Design & Consultancy Cell

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 -FS

DWG. NO.1 CD_DC(NT+0/+3/+6/+9)_FSSOIL_22(i)(c)

SCALE : NTS

SHEET 01 OF 01

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

KUMAR ANAND
AE (CIVIL)
BSPTCL

20.06.22
ANAND KUMAR
AE (CIVIL)
BSPTCL