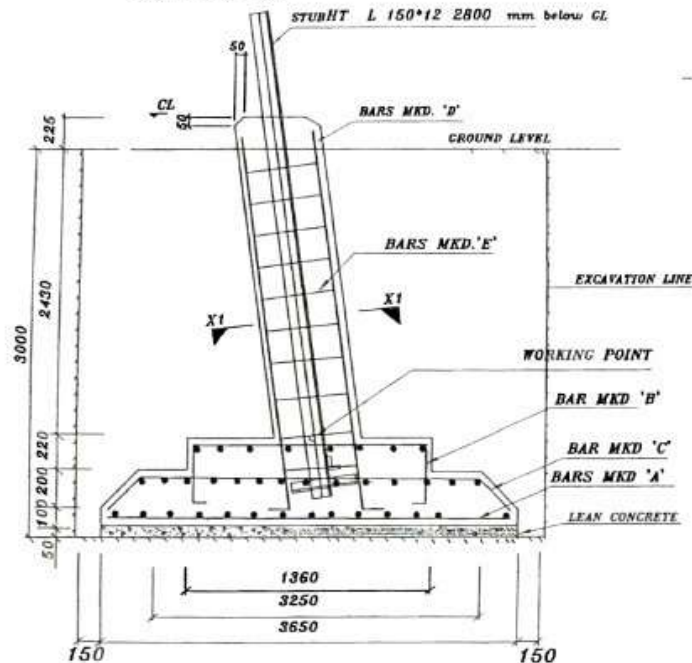
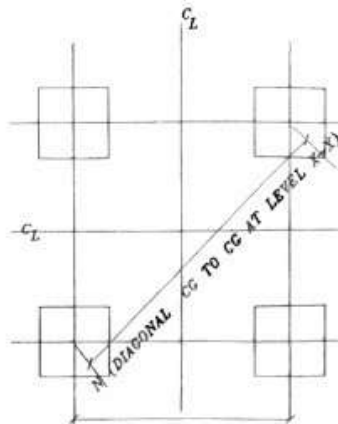


SECTION X1 - X1



ELEVATION



EXCAVATION PLAN AT X-X

QUANTITIES / TOWER

EXCAVATION	-	187.23	m ³
CONCRETE(1:1.5:3)	-	18.64	m ³
CONCRETE(1:3:6)	-	2.66	m ³
REINFORCEMENT	-	1444.78	kg

NOTES:

1. DRAWING NOT TO SCALE
2. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE STATED
3. REINFORCED BAR USED Fe 500 CONFORMING TO IS 1786-1987
4. MIX PROPERTIES CONFORMING TO IS 456-2000
5. CONCRETE MIX USED GRADE M 20 (NOMINAL MIX 1:1.5:3), LEAN CONCRETE MIX GRADE M10 (NOMINAL MIX 1:3:6).
6. WHENEVER NECESSARY TO CLEAR STUB AND CLEAT STIRRUPS AND BARS ARE TO BE ADJUSTED AT SITE.
7. CLEAR COVER TO THE MAIN REINFORCEMENT BARS SHALL BE 50 MM UNLESS OTHERWISE SPECIFIED
8. FOR CLEAT AND STUB TEMPLATE DETAILS PLEASE REFER STUB DRG.
9. STUB SETTING/PROP SETTING TEMPLATE HAS TO BE USED IN EACH LOCATION OF TOWER.
10. AT SITE PROPER COMPACTION OF BACK FILLED EARTH MUST BE

SOIL PARAMETERS:

TYPE OF SOIL :	WET
UNIT WEIGHT:	1440 / 940 Kg/Cu.M
BEARING CAPACITY:	12500 kg/m ²
ANGLE OF REPOSE :	30 / 15 Degrees
WATER TABLE :	1.5 TO 3 M FROM CL

BAR BENDING SCHEDULE FOR FOUNDATION

BAR TYPE	SKETCH	BAR DIA. (mm)	LENGTH (mm)	NOS./ LEC	UNIT WEIGHT (KG/M)	WEIGHT PER LEC (KG.)	WEIGHT PER TOWER (KG.)
A	3550	10	3550	58	0.617	127.04	508.16
B	400 1260 100	10	2260	22	0.617	30.68	122.71
C	2100 3150	10	3774	36	0.617	83.83	335.31
D	350 3000	16	3350	8	1.578	42.29	169.16
E	350 350	28	3350	4	4.834	64.78	259.10
F	160 75	8	1550	11	0.395	6.74	26.94
F	160 75	8	1346	11	0.395	5.85	23.39

TOTAL REINFORCEMENT(Kg)

361.20 1444.78

TOWER SLOPE TAN ALPHA = 0.26950

EXCAVATION PLAN DETAILS

LEVEL	STUB	C.G OF STUB	P	M	N
NT+0	HT L150X150X12	41.2	16257	17553	24824
+3M	HT L150X150X12	41.2	17814	19110	27026
+6M	HT L150X150X12	41.2	19371	20667	29227
+9M	HT L150X150X12	41.2	20928	22224	31429

BIHAR STATE POWER
TRANSMISSION COMPANY LTD.
(BSPTCL)

FOUNDATION DRAWING OF TT DB
(NT+0/+3/+6/+9 M EXTENSION EQUAL
LEG SOIL TYPE-WET SOIL

DWG. NO. : CD_DB(NT+0/+3/+6/+
9)_ WET SOIL _22(iii)(b)

SCALE : NTS

SHEET 01 OF 01

Kumar
06.06.22
(Viney Kumar)
BSPTCL

R. S.
06.06.22
BSPTCL

06.06.22
BSPTCL