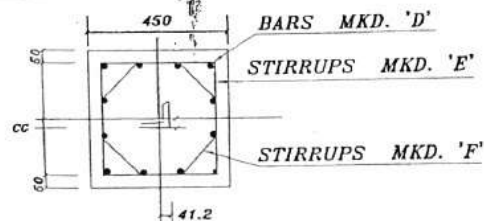
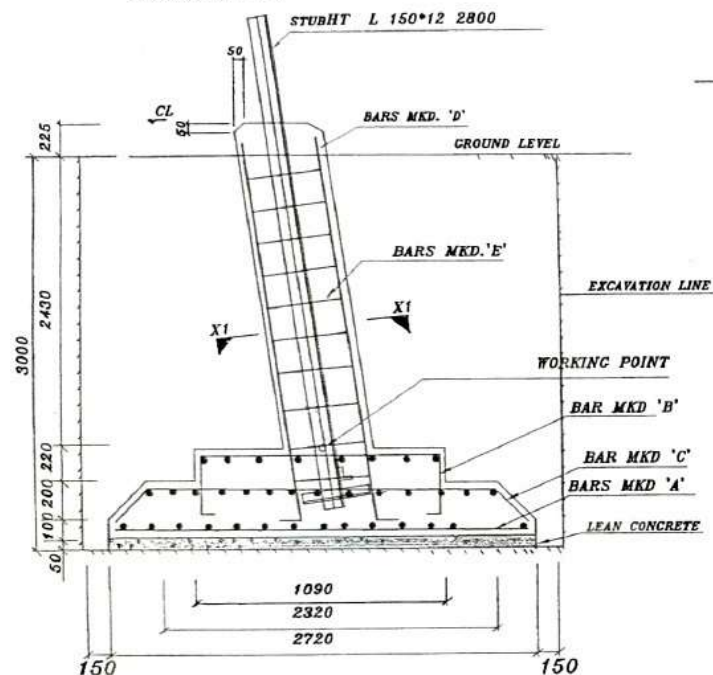


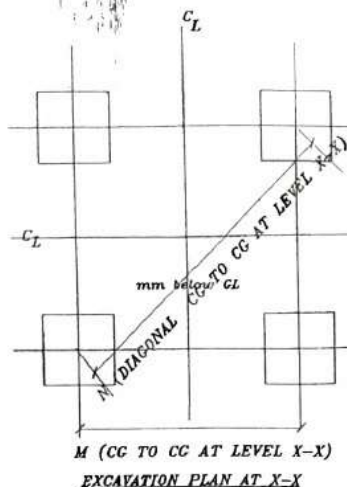
000020



SECTION X1 - X1



ELEVATION



QUANTITIES / TOWER

EXCAVATION	=	109.44	m ³
CONCRETE(1:1.5:3)	=	11.25	m ³
CONCRETE(1:3:6)	=	1.48	m ³
REINFORCEMENT	=	1305.96	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 1:3:6).
- 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 DRC.
- 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.

SOIL PARAMETERS:

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 CL

BAR BENDING SCHEDULE FOR FOUNDATION

BAR TYPE	SKETCH	BAR DIA. (mm)	LENGTH (mm)	NOS./LEG	UNIT WEIGHT (KG/M)	WEIGHT PER LEG (KG.)	WEIGHT PER TOWER (KG.)
A	2620	10	2620	60	0.617	96.99	387.97
B	400 990 100	10	1990	18	0.617	22.10	88.40
C	212 2220 100	10	2844	50	0.617	87.74	350.95
D	350 3000	16	3350	8	1.578	42.290	169.161
E	350	28	3350	4	4.834	64.78	259.10
F	350 16 175	8	1550	11	0.395	6.74	26.94
		8	1346	11	0.395	5.85	23.394

TOTAL REINFORCEMENT(Kg)

326.49 1305.96

TOWER SLOPE TAN ALPHA = 0.25950

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)

TITLE : FOUNDATION DRAWING OF TT
DB (N+0/+3/+6/+9 M EXTENSION)
EQUAL LEG AND SOIL TYPE - DRY SOIL

DWG. NO. CD_DB(NT+0/+3/+6/+9)_DRY SOIL
22(iii)(b)

SCALE : NTS SHEET 01 OF 01

Kumar
08.06.22

(Viney)

08.06.22

KUMAR ANAND
RE (CIVIL)
BSPTCL

08.06.22