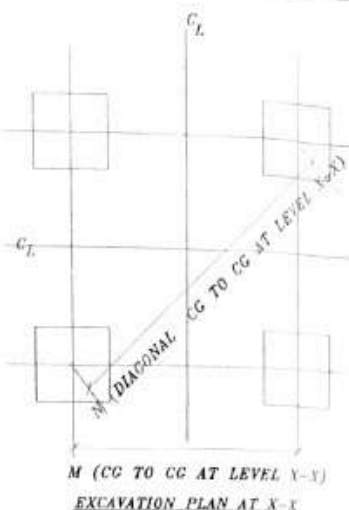
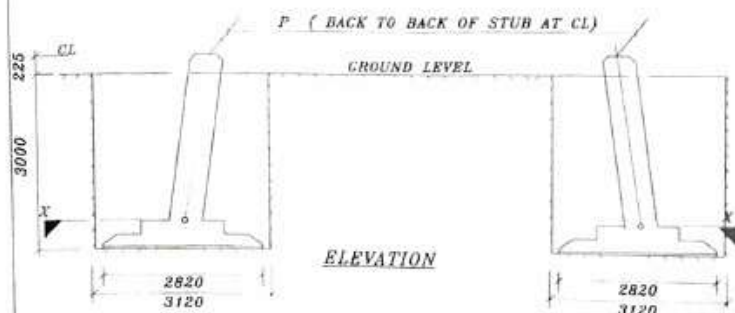
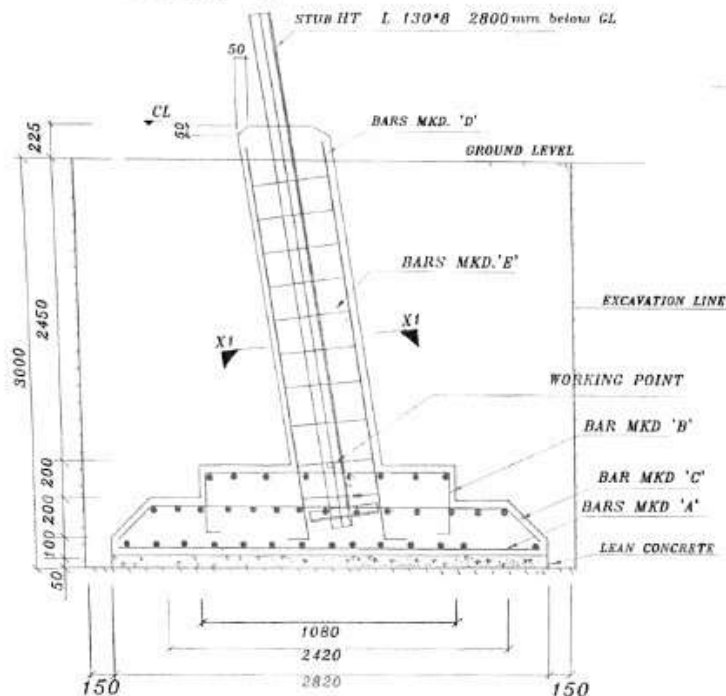


SECTION X1 - X1



QUANTITIES / TOWER		
EXCAVATION	116.81	m ³
CONCRETE(1:1.5:3)	11.78	m ³
CONCRETE(1:3:6)	1.59	m ³
REINFORCEMENT	732.75	kgs

NOTES:

1. DRAWING NOT TO SCALE
2. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE STATED
3. REINFORCED BAR USED Fe 500 CONFORMING TO IS 1786-1985
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 DONE.

SOIL PARAMETERS:		
TYPE OF SOIL :	PS	
UNIT WEIGHT:	1440 / 940 Kg.	
BEARING CAPACITY:	12500 kg/m ²	
ANGLE OF REPOSE:	30 / 15 Degree	
WATER TABLE :	0.2m TO 1.5 M FR	

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	2720	10	2720	24	0.617	40.28	161.11
B	380 980 100	10	1940	18	0.617	21.55	86.18
C	212 2320 100	10	2944	24	0.617	43.60	174.38
D	350 3000	20	3350	8	2.466	86.09	264.36
E	350	8	1550	11	0.395	6.74	26.94
F	247	8	1138	11	0.395	4.95	19.78
TOTAL REINFORCEMENT(Kg)						183.19	732.75

TOWER SLOPE TAN ALPHA = 0.18299

EXCAVATION PLAN DETAILS					
LEVEL	STUB	CG OF STUB	P	M	N
0	HT L 130*8	35.0	10070	10978	15528
3	HT L 130*8	35	11167	12076	17078
6	HT L 130*8	35	12265	13173	18630
9	HT L 130*8	35	13362	14270	20181

BIHAR STATE POWER TRANSMISSION COMPANY LTD. (BSPTCL)

TITLE :- 220 KV D/C TWIN MOOSE "DA" MKD "2TDA" (0⁰-2⁰)

FOUNDATION DRAWING OF TTA DA (NT+0/+3/+6/+9) EQUAL LEG & SOIL TYPE PS

DWG. CD DA/NT+0/+3/+6/+9)_PS SOIL 22(m/a)
NO.

SCALE : NTS

SHEET - 01 OF 01

Drawing is approved
subject to approval
in terms of design
or, for the use of the work
ANJANI KUMAR
CE (CIVIL)
BSPTCL

Kumar
29.03.22
(Vinay Kumar)
AE (CIVIL) BSPTCL
29.03.22
KUMAR ANAND
EE (CIVIL)
BSPTCL
29.03.22
Kumar Chaitanya
SE (CIVIL) BSPTCL