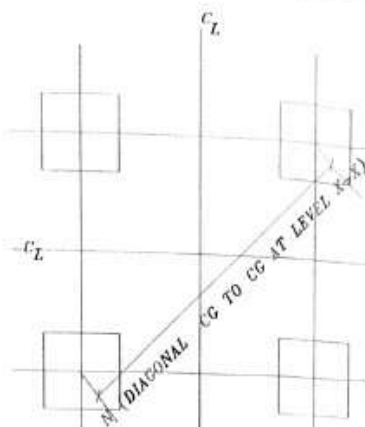
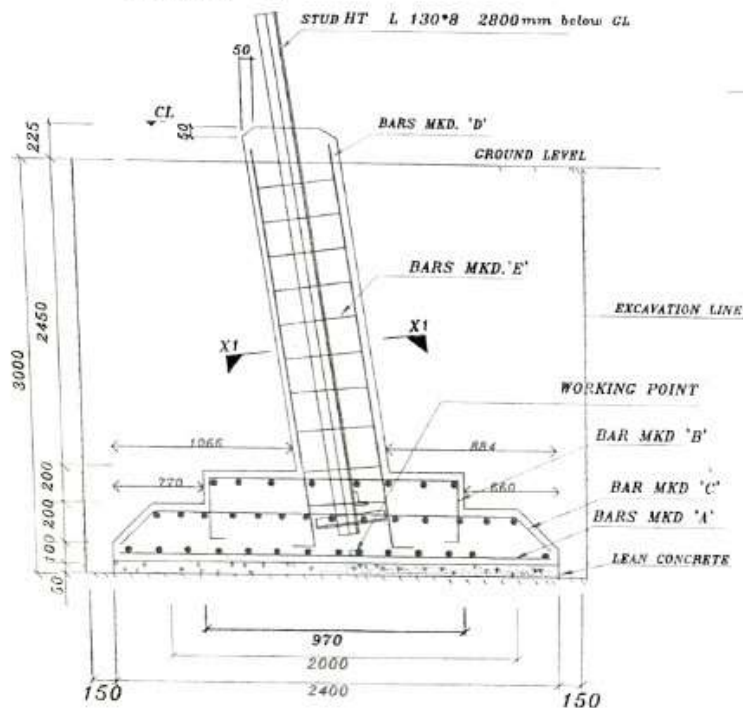


SECTION X1 - X1



M (CG TO CG AT LEVEL X-X)
EXCAVATION PLAN AT X-X

QUANTITIES / TOWER		
EXCAVATION	87.48	m ³
CONCRETE(1:1.5:3)	9.11	m ³
CONCRETE(1:3:6)	1.15	m ³
REINFORCEMENT	573.85	kgs

NOTES:

1. DRAWING NOT TO SCALE
2. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE STATED
3. REINFORCED BAR USED F_y 500 CONFORMING TO IS 1786-1985
4. MIX PROPERTIES CONFORMING TO IS 456-2000
5. CONCRETE MIX USED GRADE M 20 (NOMINAL MIX LEAN CONCRETE MIX GRADE M10 (NOMINAL MIX 1:1:3))
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 : BE 50 MM UNLESS OTHERWISE SPECIFIED
8. FOR CLEAT AND STUB TEMPLATE DETAILS PLEASE R STUB DRG.
9. STUB SETTING/PROP SETTING TEMPLATE HAS TO BE EACH LOCATION OF TOWER.
10. AT SITE PROPER COMPACTION OF BACK FILLED EART

SOIL PARAMETERS:

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

BAR BENDING SCHEDULE FOR FOUNDATION

BAR TYPE	SKETCH	BAR DIA. (mm)	LENGTH (mm)	NOS./ LG	UNIT WEIGHT (KG/m)	WEIGHT PER LG (KG.)	WEIGHT PER TOWER (KG.)
A	2300	10	2300	20	0.617	28.38	113.53
B	380 870 100	10	1830	16	0.617	18.07	72.28
C	212 1900 2100	10	2524	20	0.617	31.15	124.58
D	350 3000 350	16	3350	4	1.578	21.15	84.58
E	350 350	20	3350	4	2.466	33.04	132.18
F	247	8	1550	11	0.395	6.74	26.94
		8	1138	11	0.395	4.95	19.78
TOTAL REINFORCEMENT(Kg)						143.46	573.85

TOWER SLOPE TAN ALPHA = 0.18290

EXCAVATION PLAN DETAILS

LEVEL	STUB	CG OF STUB	P	M	N
0	HT L 130*8	35.0	10070	10978	15526

BIHAR STATE POWR TRANSMISSION COMPANY LTD. (BSPTCL)

TITLE : 220 KV D/C TWIN MOOSE "DA" MKD "2TDA" (0°-2°)

FOUNDATION DRAWING OF TTA DA (NT+0) EQUAL LEG & SOIL TYPE - WET

DWG. NO. ~	CD_DA(NT+0)_WETSOIL_22(ii)(a)
SCALE : NTS	SHEET NO. - 01 OF 01

Drawing is approved
subject to approval of
responsible person in charge
of this work
ANJANI KUMAR
CE (CIVIL)
BSPTCL

Kumar
29.03.22
(Vinay Kumar)
AE (C), BSPTCL
29.03.22
KUMAR ANAND
EE (CIVIL)
BSPTCL