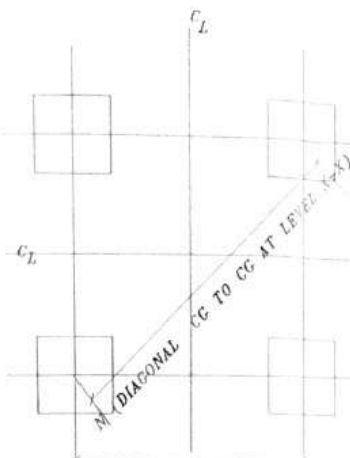
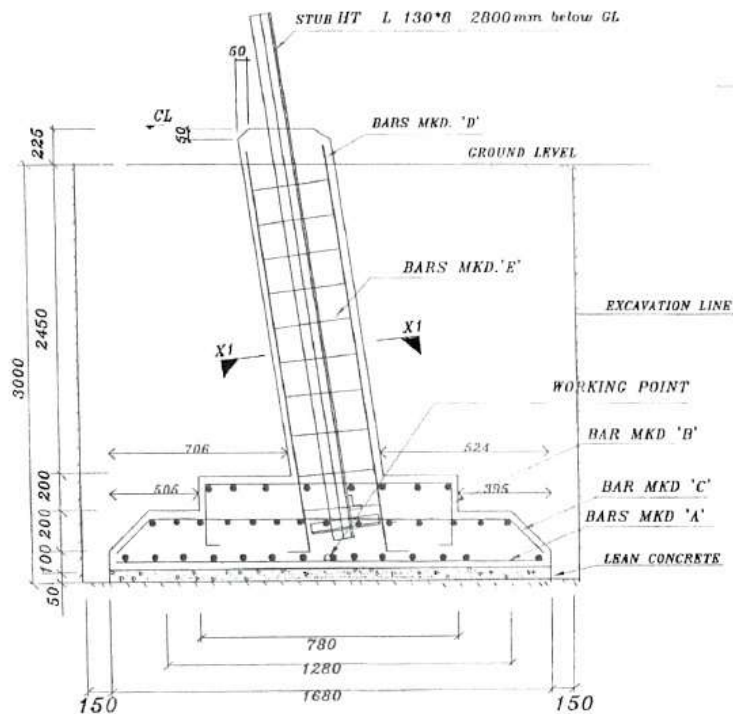


SECTION X1 - X1



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

QUANTITIES / TOWER		
EXCAVATION	47.04	m ³
CONCRETE(1:1.5:3)	5.55	m ³
CONCRETE(1:3:6)	0.56	m ³
REINFORCEMENT	473.50	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

Drawing is approved
subject to overall
responsibility of the Engineer
in-charge of the work
of the design and construction
of the work.

28.03.22
ANJANI KUMAR
CE (CIVIL)
BSPTCL

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	1580	10	1580	14	0.617	13.65	54.39
B	380 680 100	10	1640	12	0.617	12.14	48.57
C	212 1180 2100	10	1804	24	0.617	26.71	106.86
D	350 3000	16 20	3350 3350	4 4	1.578 2.466	21.15 33.04	84.58 132.18
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)

118.38 473.50

TOWER SLOPE TAN ALPHA = 0.18290

EXCAVATION PLAN DETAILS					
LEVEL	STUB	CC OF STUB	P	M	N
0	H1 L 130*8	35.0	10070	10978	15526

29.03.22
(Vinay Kumar)
AE (C), BSPTCL

29.03.22
KUMAR ANAND
EE (CIVIL)
BSPTCL

29.03.22
Kumar Chaitanya
SE (C), BSPTCL

BIHAR STATE POWER 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 DRY

DWG. NO. ~ CD DA(NT+0) DRY SOIL 22(ii)(a)

SCALE : NTS SHEET NO. - 01 OF 01