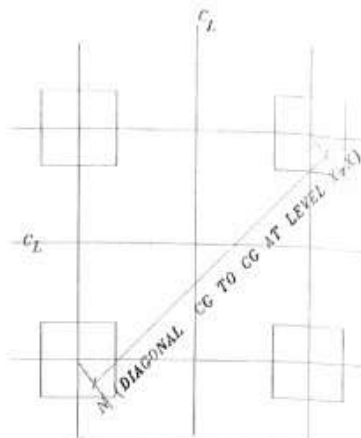
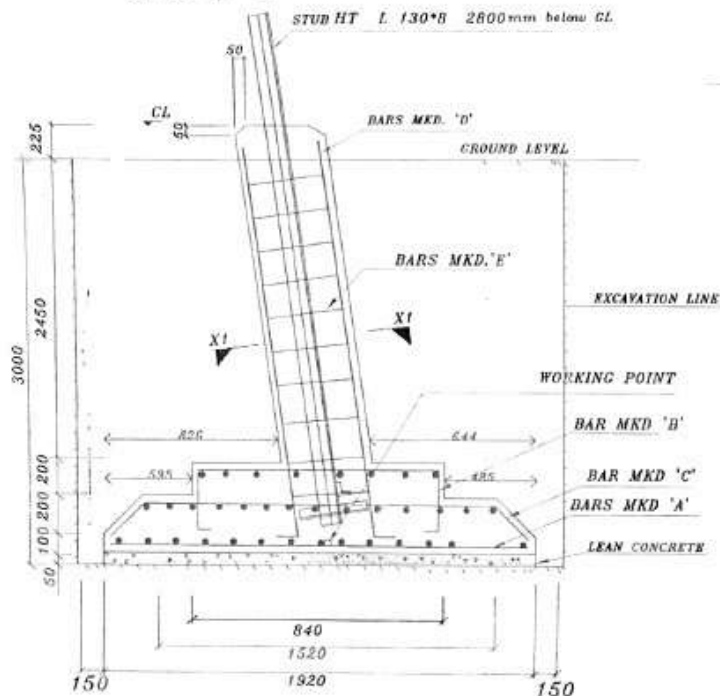


SECTION X1 - X1



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



ELEVATION

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	1820	10	1820	16	0.617	17.97	71.87
B	380 740 100	10	1700	14	0.617	14.69	58.74
C	212 1420 100	10	2044	22	0.617	27.75	110.98
D	350 3000 350	16 20	3350 3350	4 4	1.578 2.466	21.16 33.04	84.58 132.18
E	350 241	8	1550	11	0.395	6.74	26.94
F	350 241	8	1138	11	0.395	4.95	19.78

TOTAL REINFORCEMENT(Kg)

126.27 505.06

TOWER SLOPE TAN ALPHA = 0.18290

EXCAVATION PLAN DETAILS					
LEVEL	STUB	CG OF STUB	P	M	N
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

QUANTITIES / TOWER

EXCAVATION	59.14	m ³
CONCRETE(1:1.5:3)	6.58	m ³
CONCRETE(1:3:6)	0.74	m ³
REINFORCEMENT	505.06	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 DRG.
- 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
BEARING CAPACITY:	25000 kg/
ANGLE OF REPOSE:	30 Degr.
WATER TABLE:	3 M FRO

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/+3/+6/+9)
EQUAL LEG & SOIL TYPE - DRY

CD_DA(NT+3/+6/+9)_DRY SOIL 22(ii)(a)

DWG. NO.

SCALE : NTS

SHEET - 01 OF 01

Drawing is approved by
subject to overall responsibility of the Engineer
in charge of the project
or, turn key contractor
ANJANI KUMAR
CE (CIVIL)
BSPTCL

29.02.22
(Vinay Kumar)
AE(C), BSPTCL

29.03.22
KUMAR ANJANI
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