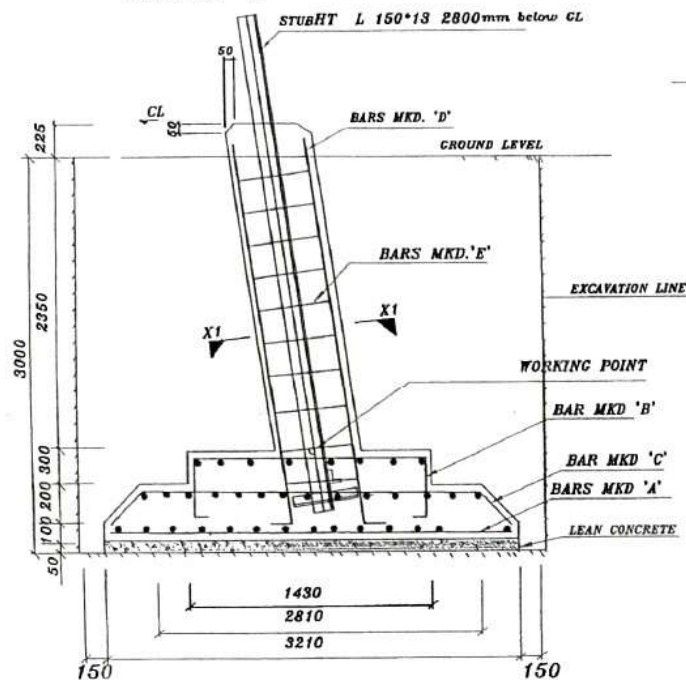
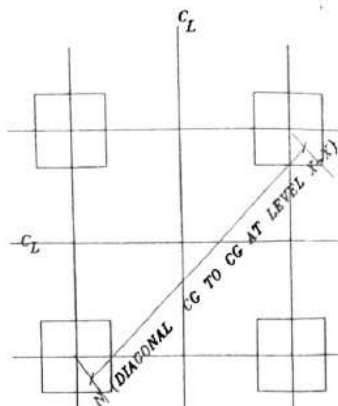


SECTION X1 - X1



ELEVATION



M (CG TO CG AT LEVEL X-X)

EXCAVATION PLAN AT X-X

QUANTITIES / TOWER

EXCAVATION	147.84	m ³
CONCRETE(1:1.5:3)	16.41	m ³
CONCRETE(1:3:6)	2.06	m ³
REINFORCEMENT	1525.87	kg

Qty shall be as per actual
const. and measurement at site.

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 :	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	3110	12	3110	46	0.888	127.04	508.15
B	1330	12	2482	20	0.888	44.08	176.32
C	2710	12	3334	38	0.888	112.50	450.01
D	350	20	3350	4	2.466	33.04	132.18
E	400	25	3350	4	3.853	51.63	206.52
F	400	8	1750	11	0.395	7.60	30.42
F	283	8	1282	11	0.395	5.57	22.28

TOTAL REINFORCEMENT(Kg)

381.47 1525.87

TOWER SLOPE TAN ALPHA = 0.26253

EXCAVATION PLAN DETAILS

LEVEL	STUB	C.G OF STUB	P	M	N
NT+0	HT L150X150X13	41.7	16783	18052	25529
+3M	HT L150X150X13	41.7	18359	19627	27757
+6M	HT L150X150X13	41.7	19934	21202	29985
+9M	HT L150X150X13	41.7	21509	22778	32212

BIHAR STATE POWER TRANSMISSION COMPANY LTD.
(BSPTCL)TITLE : 400 KV D/C TWIN WZ-4 "4DC" (15-30)
FOUNDATION DRAWING OF TT 4DC (NT+0/+3/+6/+9M
EXTENSION) EQUAL LEG & SOIL TYPE - DRY SOIL

DWG. NO. - CD_DC(NT+0/+3/+6/+9)_DRYSOIL_22(iii)(c)

SCALE : NTS

SHEET : - 01 OF 01

Kumar
06.06.22
(Vinay Kumar)
AE(C), B.S.P.T.C.L.

KUMAR ANAND
AE (CIVIL)
BSPTCL

06.06.22
ANAND KUMAR
AE (CIVIL)
BSPTCL