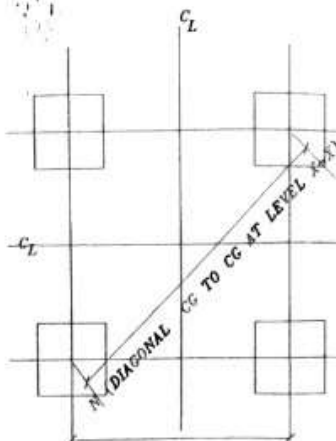
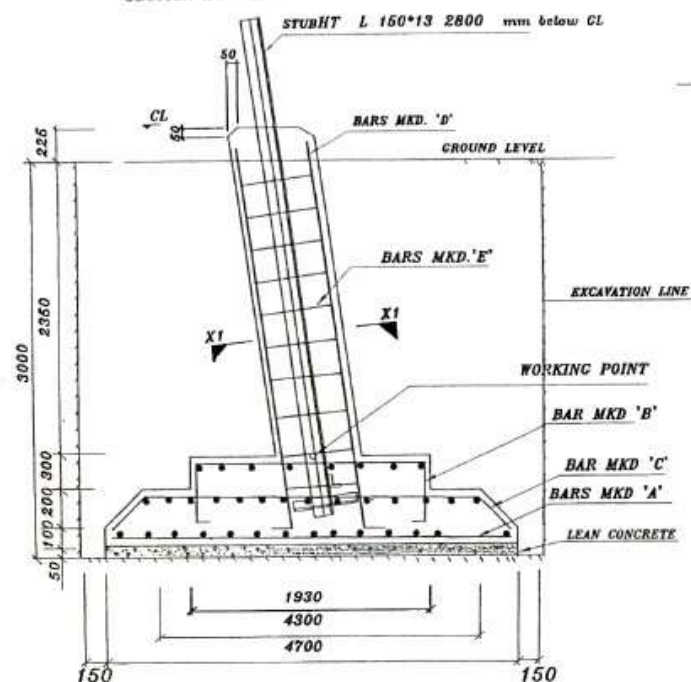


SECTION X1 - X1



EXCAVATION PLAN AT X-X

QUANTITIES / TOWER

EXCAVATION	=	300.00	m ³
CONCRETE(1:1.5:3)	=	32.09	m ³
CONCRETE(1:3:6)	=	4.42	m ³
REINFORCEMENT	=	2260.02	kg

Qty shall be as per actual
const & measurement at site

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 DO

SOIL PARAMETERS:

TYPE OF SOIL :	PS
UNIT WEIGHT :	1440 / 940 Kg/Cu.M
BEARING CAPACITY :	12500 kg/m ²
ANGLE OF REPOSE :	30 / 15 Degrees
WATER TABLE :	0.75 TO 1.5 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	4600	12	4600	56	0.888	228.75	915.00
B	476 1830 100	12	2982	26	0.888	68.85	275.39
C	212 4200 100	12	4824	36	0.888	154.21	616.86
D	350 3000 400	20	3350	12	2.466	99.13	396.53
E	400 1750 188	8	1750	11	0.395	7.60	30.42
F	400 1486 188	8	1486	11	0.395	6.46	25.83

TOTAL REINFORCEMENT(kg)

565.01 2260.02

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)

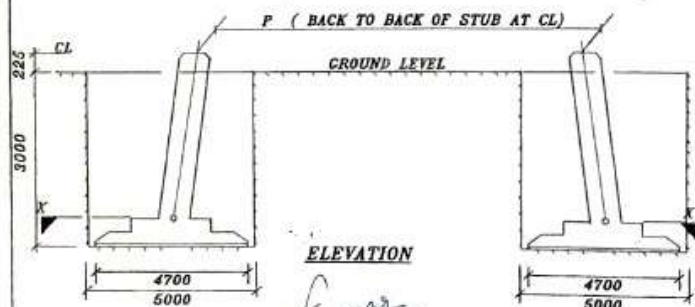
TITLE : 400 KV D/C TWIN WZ-4 "4DC" (15-30)
FOUNDATION DRAWING OF TT 4DC (NT+0/+3/+6/+9M
EXTENSION) EQUAL LEG & SOIL TYPE PS SOIL

DWG. NO. -

CD_DC(NT+0/+3/+6/+9)
PSSOIL 22(iii)(c)

SCALE : NTS

SHEET : - 01 OF 01



ELEVATION

Kumar
06.06.22
(Vince Kumar)
AE(CIVIL)

Kumar
06.06.22
KUMAR ANAND
EE(CIVIL)
BSPTCL

06.06.22
KUMAR ANAND
EE(CIVIL)
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