

000020

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	5100	12	5100	62	0.888	280.79	1123.14
B	476 100 2000	12	3152	20	0.888	70.37	313.48
C	212 100 4700	12	5324	40	0.888	189.11	756.43
D	350 3000	20	3350	12	2.466	99.13	396.53
E	400 400	8	1750	11	0.395	7.60	30.42
F	108 94	8	1486	11	0.395	6.46	25.83

TOTAL REINFORCEMENT (Kg)

661.46 2645.84

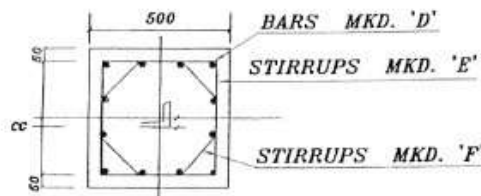
TOWER SLOPE TAN ALPHA = 0.26253

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

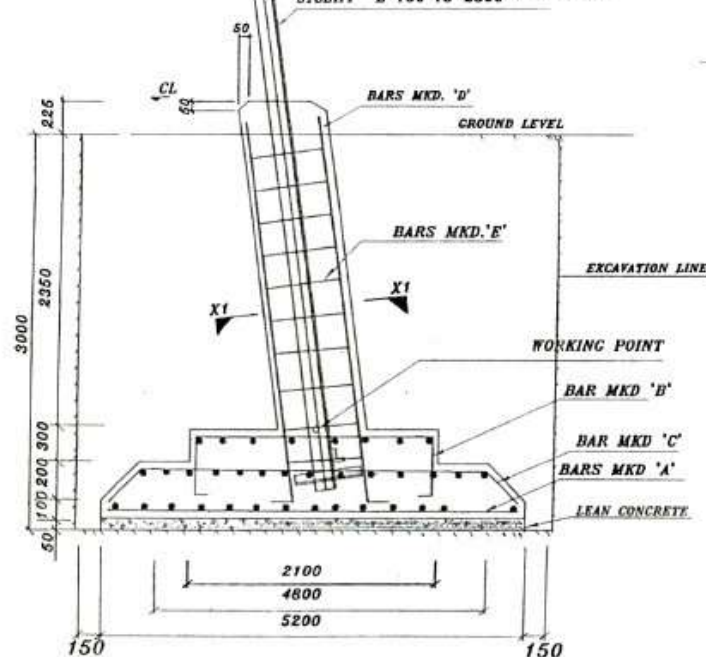
BIHAR STATE POWER TRANSMISSION COMPANY LTD.
(BSPTCL)TITLE : 400 KV D/C TWIN WZ-4 "4DC" (15-30)
FOUNDATION DRAWING OF TT 4DC (NT+0/+3/+6/+9M
EXTENSION) EQUAL LEG & SOIL TYPE -FS SOILDWG. NO. - CD_DC(NT+0/+3/+6/+9)_FS SOIL
22(iii)(c)

SCALE : NTS SHEET : - 01 OF 01



SECTION X1 - X1

STUB HT L 150*13 2800 mm below CL



M (CG TO CG AT LEVEL X-X)

EXCAVATION PLAN AT X-X

QUANTITIES / TOWER

EXCAVATION	=	363.00	m ³
CONCRETE(1:1.5:3)	=	38.69	m ³
CONCRETE(1:3:6)	=	5.41	m ³
REINFORCEMENT	=	2645.84	kg

Qty shall be as per actual
const. & 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 1786-196
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

SOIL PARAMETERS:

TYPE OF SOIL :	FS
UNIT WEIGHT:	1440 / 940 Kg/Cu.M
BEARING CAPACITY:	12500 kg/m ²
ANGLE OF REPOSE :	30 / 15 Degree
WATER TABLE :	0 TO 0.75 M FROM CL

ELEVATION

Sumar
06.06.22(VINEY
REVIS)Rup
06.06.22K. S. PARAND
REVIS
REVIS106.06.22
ANAND KUMAR
G. (CIVIL)
REVIS