

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		10	3570	66	0.617	145.378	581.512
B		10	2110	20	0.617	26.037	104.148
C		10	3794	40	0.617	93.636	374.544
D		20 25	3350 3350	4 4	2.466 3.853	33.044 51.63	132.176 206.52
E		8	1750	11	0.395	7.604	30.416
F		8	1282	11	0.395	5.57	22.28

TOTAL REINFORCEMENT(Kg)

362.9 1451.60

The given data is correct as per the drawing. The drawing is approved for the foundation details. The drawing is approved for the foundation details.

TOWER SLOPE TAN ALPHA = 0.29545

EXCAVATION PLAN DETAILS

LEVEL	STUB	CG OF STUB	P	M	N
0	HT L 130*12	36.6	14273	15790	22331
3	HT L 130*12	36.6	18044	17561	24835
6	HT L 130*12	36.6	17814	19331	27339
9	HT L 130*12	36.6	19585	21102	29842

QUANTITIES / TOWER

EXCAVATION	=	189.13	m ³
CONCRETE(1:1.5:3)	=	18.92	m ³
CONCRETE(1:3:6)	=	2.59	m ³
REINFORCEMENT	=	1451.60	kgs

NOTES:

1. DRAWING NOT TO SCALE
2. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE ST
3. REINFORCED BAR USED Fe 500 CONFORMING TO IS
4. MIX PROPERTIES CONFORMING TO IS 456-2000
5. CONCRETE MIX USED GRADE M20 (NOMINAL MIX LEAN CONCRETE MIX GRADE M10 (NOMINAL MIX 1:1:3))
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 S BE 50 MM UNLESS OTHERWISE SPECIFIED
8. FOR CLEAT AND STUB TEMPLATE DETAILS PLEASE RI STUB DRG.
9. STUB SETTING/PROP SETTING TEMPLATE HAS TO BE EACH LOCATION OF TOWER.
10. AT SITE PROPER COMPACTION OF BACK FILLED EART

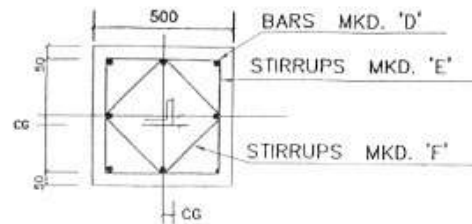
SOIL PARAMETERS:

TYPE OF SOIL :	WET
UNIT WEIGHT:	1440 / 940 Kg/
BEARING CAPACITY:	12500 kg/m ²
ANGLE OF REPOSE :	30 / 15 Degrees
WATER TABLE :	1.5 TO 3 M FROM

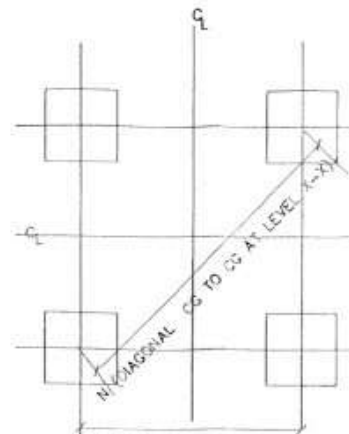
Drawing is approved subject to overall responsibility of the contractor in terms of contract agency or, the design of the tower.

Kumar Chaitanya
SE (C), BSPTCL

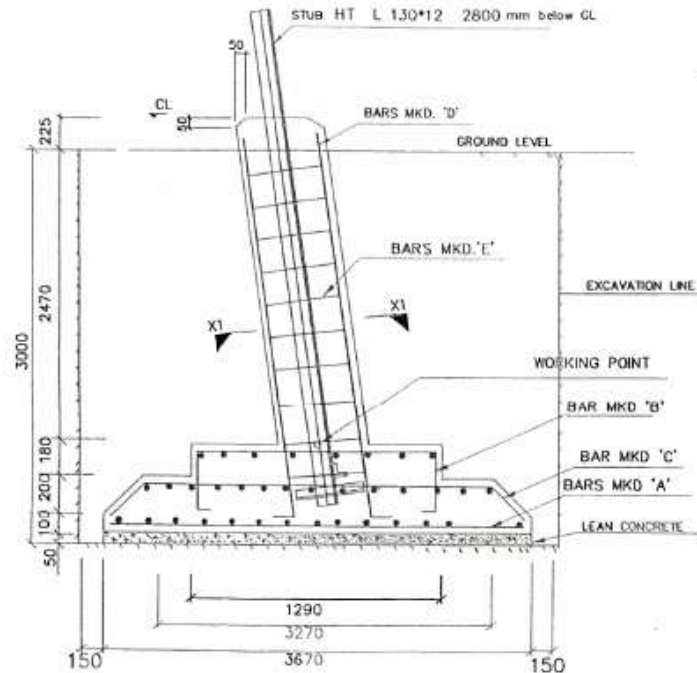
ANJANI KUMAR
CE (CIVIL)
BSPTCL



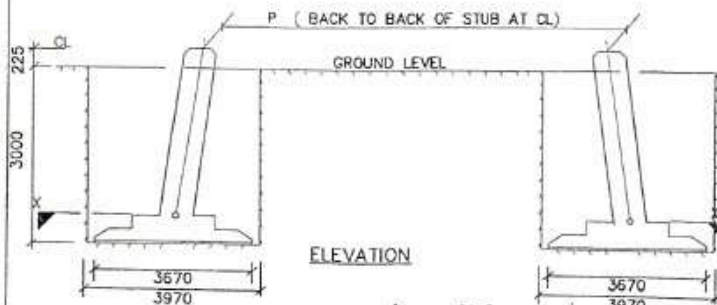
SECTION X1 - X1



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



ELEVATION



Kumar
19.05.22
(Vinay Kumar)
AE (C), BSPTCL

KUMAR
19.7
EE (CIVIL)
BSPTCL

BIHAR STATE POWER TRANSMISSION COMPANY LTD. (BSPTCL)

TITLE : 220Kv D/c TIN MOOSE 3040 "DC MKD "2TDC"
FOUNDATION DRAWING OF TT DC (NT+0/+3/+6/+9)
EQUAL LEG & SOIL TYPE - WET

DWG. NO. CD_DC(NT+0/+3/+6/+9)WET SOIL_22(ii)(c)

SCALE : NTS

SHEET : 01 OF 01