

000016

BAR BENDING SCHEDULE FOR FOUNDATION

BAR TYPE	SKETCH	BAR DIA (mm)	LENGTH (mm)	NOS. / LG	UNIT WEIGHT (Kg/m)	WEIGHT PER LG (kg)	WEIGHT PER TOWER (kg)
A		12	5270	74	0.888	348.302	1385.21
B		10	3480	48	0.617	103.06	412.25
C		10	5494	72	0.617	214.065	976.26
D		20	3350	8	2.466	85.085	254.35
E		8	1950	11	0.395	8.47	33.89
F		8	1422	11	0.395	5.18	24.72

TOTAL REINFORCEMENT (Kg)

3096.69

The given drawing stands approved for structure details only and the quantities indicated in the drawing is a tentative one & not a part of approval

Qty shall be calculated as per actual work done.

TOWER SLOPE TAN ALPHA = 0.30626

EXCAVATION PLAN DETAILS

LEVEL	STUB	CG OF STUB	P	M	N
18	HT L 150*16	43	26653	28114	39759
25	H1 L 150*16	43	30949	32452	40563

QUANTITIES / TOWER

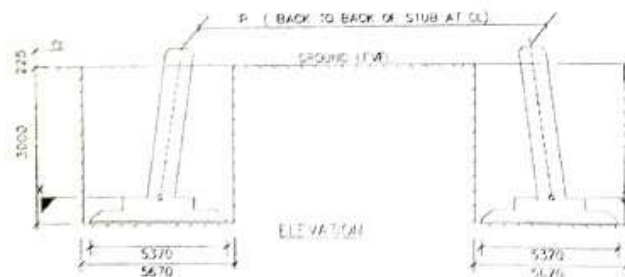
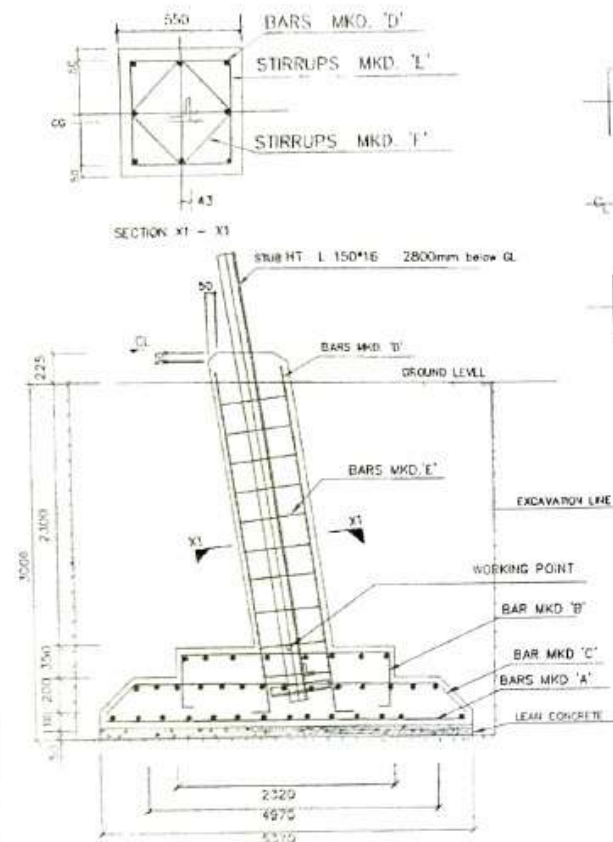
EXCAVATION	=	385.8	m ³
CONCRETE(1:1.5:3)	=	43.5	m ³
CONCRETE(1:3:6)	=	5.77	m ³
REINFORCEMENT	=	3096.69	kgs

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 EACH LOCATION OF TOWER
- AT SITE PROPER COMPACTION OF BACK FILLED E

SOIL PARAMETERS

TYPE OF SOIL	PS
UNIT WEIGHT	1440 / 940 Kg/m ³
BEARING CAPACITY	12500 kg/m ²
ANGLE OF REPOSE	30 / 15 Degrees
WATER TABLE	0.75 TO 1.5 M FROM



BIHAR STATE POWER TRANSMISSION COMPANY LTD. (BSPTCL)

TITLE : 220 KV D/C TWIN MOOSE "D" MKD
"2TDD (30°-60°) DE (0°-15°)
FOUNDATION DRAWING OF TT 00 (NT+18/+
25) EQUAL LEG & SOIL TYPE - PS

DWG. NO. CD_DD(NT+18/+25)_PSSOIL_22(ii)(d)

SCALE : NTS

SHEET : 01 OF 01

Kumar
25.08.22
(Vinay Kumar)
AE (C), E.S.P.T.C.L.

26.8.22
K. K. KUMAR
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26.08.22
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