

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	2800	10	2800	26	0.617	44.92	179.67
B	380 1000 100	10	1960	18	0.617	21.77	87.07
C	2400 240 100	10	3024	24	0.617	44.78	179.12
D	350 3000	20	3350	8	2.466	66.09	264.36
E	350	8	1650	11	0.395	6.74	26.94
F	247	8	1138	11	0.395	4.95	19.78
TOTAL REINFORCEMENT(Kg)						189.24	756.94

TOWER SLOPE TAN ALPHA = 0.18290

EXCAVATION PLAN DETAILS					
LEVEL	STUB	CG OF STUB	P	M	N
3	HT L 130*8	35	11167	12076	17078
6	HT L 130*8	35	12265	13173	18630
9	HT L 130*8	35	13362	14270	20181

QUANTITIES / TOWER		
EXCAVATION	122.88	m ³
CONCRETE(1:1.5:3)	12.34	m ³
CONCRETE(1:3:6)	1.68	m ³
REINFORCEMENT	756.94	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 BE USED IN EACH LOCATION OF TOWER.
- AT SITE PROPER COMPACTION OF BACK FILLED EARTH MUST BE DONE.

SOIL PARAMETERS:

TYPE OF SOIL : WET
UNIT WEIGHT : 1840 / 940 Kg/Cu.M
BEARING CAPACITY : 1200 kg/m²
ANGLE OF REPOSE : 15 Degree
WATER TABLE : 1.5 TO 3 M FROM CL

Drawing is approved by the contractor
subject to approval of the client
responsibility of the contractor
in terms of the work
29.03.22
ANJANI KUMAR
CE (CIVIL)
BSPTCL

BIHAR STATE POWER TRANSMISSION COMPANY
LTD. (BSPTCL)

TITLE : 220 KV D/C TWIN MOOSE "DA" MKD "2TD"
(0°-2°)
FOUNDATION DRAWING OF TT DA (NT+3/+6/+9)
EQUAL LEG & SOIL TYPE - WET

SCALE : NTS

SHEET : 01 OF 01

DWG. NO. : CD_DA(NT+3/+6/+9)_WETSOIL_22(ii)(a)

