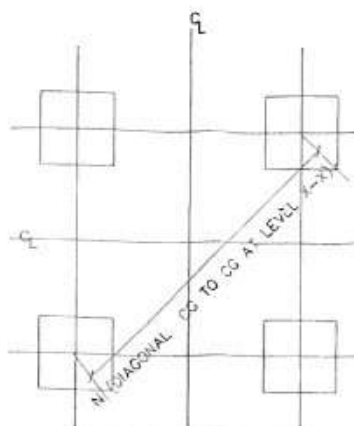
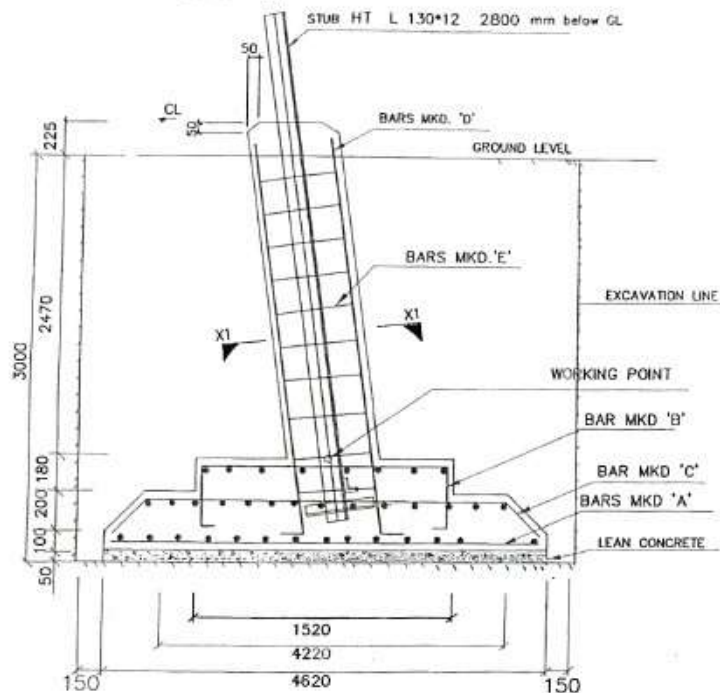


SECTION X1 - X1



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

QUANTITIES / TOWER

EXCAVATION	=	290.48	m ³
CONCRETE(1:1.5:3)	=	28.54	m ³
CONCRETE(1:3:6)	=	4.27	m ³
REINFORCEMENT	=	2053.56	kg

NOTES:

1. DRAWING NOT TO SCALE.
2. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE STATED
3. REINFORCED BAR USED Fe 500 CONFORMING TO IS 1786-1985
4. MIX PROPERTIES CONFORMING TO IS 456-2000
5. CONCRETE MIX USED GRADE M 20 (NOMINAL MIX 1:1.5:3).
6. LEAN CONCRETE MIX GRADE M10 (NOMINAL MIX 1:3:6)
7. WHENEVER NECESSARY TO CLEAR STUB AND CLEAT STIRRUPS AND BARS ARE TO BE ADJUSTED AT SITE.
8. CLEAR COVER TO THE MAIN REINFORCEMENT BARS SHALL BE 50 MM UNLESS OTHERWISE SPECIFIED
9. FOR CLEAT AND STUB TEMPLATE DETAILS PLEASE REFER STUB DRG.
10. STUB SETTING/PROP SETTING TEMPLATE HAS TO BE USED IN EACH LOCATION OF TOWER.
11. AT SITE PROPER COMPACTION OF BACK FILLED EARTH MUST BE DONE

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

BAR BENDING SCHEDULE FOR FOUNDATION

000019

BAR TYPE	SKETCH	BAR DIA. (mm)	LENGTH (mm)	NOS./LEG	UNIT WEIGHT (Kg/m)	WEIGHT PER LEG (Kg.)	WEIGHT PER TOWER (Kg.)
A	4520	10	4520	82	0.617	228.685	914.74
B	360 1420	10	2340	24	0.617	34.651	138.604
C	360 4120	10	4744	52	0.617	152.208	608.824
D	350 3000	20	3350	4	2.466	33.044	132.176
E	400 400	25	3350	4	3.853	51.63	206.52
F	283	8	1750	11	0.395	7.60	30.42
		8	1282	11	0.395	5.57	22.28

TOTAL REINFORCEMENT(Kg)

513.39 2053.56

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

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	16044	17561	24835
6	HT L 130*12	36.6	17814	19331	27339
9	HT L 130*12	36.6	19585	21102	29842

BIHAR STATE POWER TRANSMISSION COMPANY LTD. (BSPTCL)

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

DWG.NO. CD_DC(NT+0/+3/+6/+9)_FSOIL_

SCALE : NTS

SHEET :01 OF 01

19.09/22
(Vinay Kumar)
AE (C), B.S.P.T.C.L

10.7
KUMAR ANAND
EE (CIVIL)
BSPTCL

20.09
Kumar Chaitanya
BE (C), BSPTCL

ANJANI KUMAR
CE (CIVIL)
BSPTCL