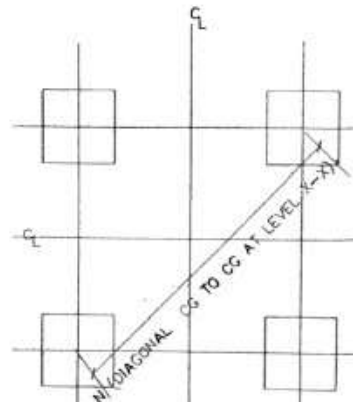
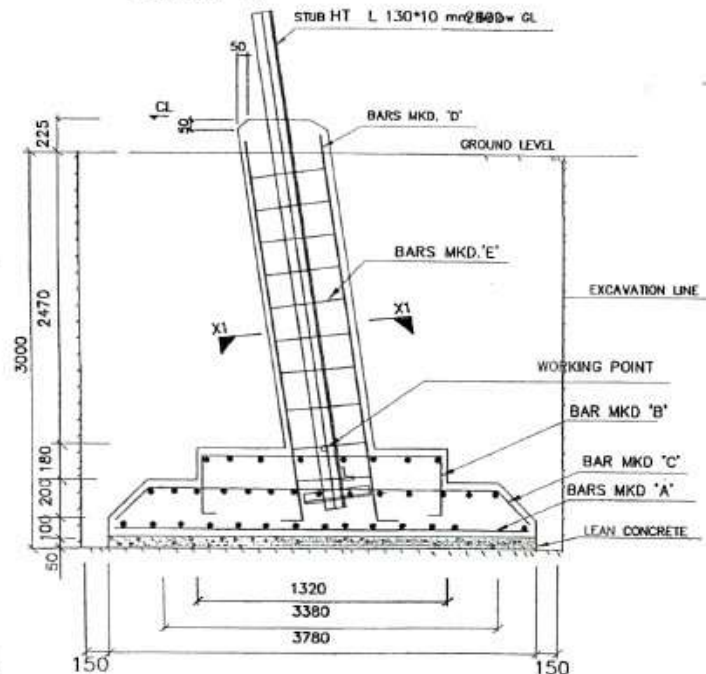


SECTION X1 - X1



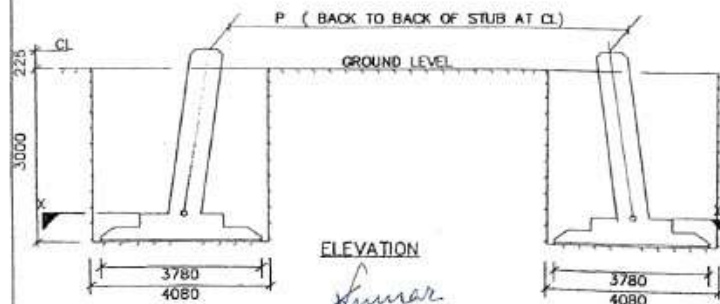
EXCAVATION PLAN AT X-X

QUANTITIES / TOWER		
EXCAVATION =	199.76	m3
CONCRETE(1:1.5:3) =	19.93	m3
CONCRETE(1:3:6) =	2.86	m3
REINFORCEMENT =	1343.40	kgs

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),
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 DONE.

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

ELEVATION

Sumar
06.06.22
(Vinay Kumar)
AE(C), BSRICL

56.06.22
KUMAR ANAND
EE (CIVIL)
BSPTCL

BAR BENDING SCHEDULE FOR FOUNDATION							000018
BAR TYPE	SKETCH	BAR DIA. (mm)	LENGTH (mm)	NOS./ LEG	UNIT WEIGHT (KG/M)	WEIGHT PER LEG (KG.)	WEIGHT PER TOWER (KG.)
A		10	3680	52	0.617	118.07	472.28
B		10	2140	20	0.617	26.41	105.63
C		10	3904	34	0.617	81.90	327.59
D		20 25	3550 3810 3810	6 4	2.466 3.853	15.04 37.58 56.72	152.19 150.33 234.88
E		8	1750	11	0.395	7.60	30.42
F		8	1282	11	0.395	5.57	22.28
TOTAL REINFORCEMENT(Kg)						335.85	1343.60

TOTAL REINFORCEMENT(Kg)

335.85	-1343.40
	1296.59

TOWER SLOPE TAN ALPHA = 0.26705

EXCAVATION PLAN DETAILS						
LEVEL	STUB		CG OF STUB	P	M	N
0	HT	L 130*10	35.8	13071	144.39	20420
3	HT	L 130*10	35.8	14674	16042	22686
6	HT	L 130*10	35.8	16276	17644	24952
9	HT	L 130*10	35.8	17879	19246	27218

BIHAR STATE POWER TRANSMISSION COMPANY LTD. (BSPTCL)

TITLE : 220 KV D/C TWIN MOOSE "DB" MKD 2 "TB" (0⁰- 2⁰)
FOUNDATION DRAWING OF TT DB (NT+0/+3/+6/+9 EQUAL LEG &
SOIL TYPE PS

DWG. NO.	CD_DB(NT+0/+3/+6/+9)_PSSOIL_22(ii)(b)
SCALE :- NTS	SHEET - 01 OF 1