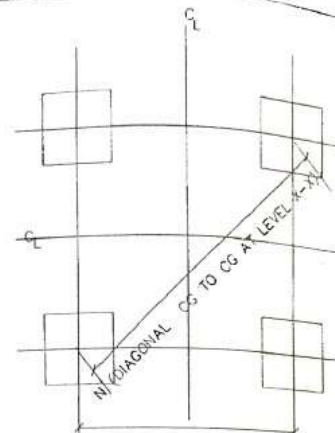
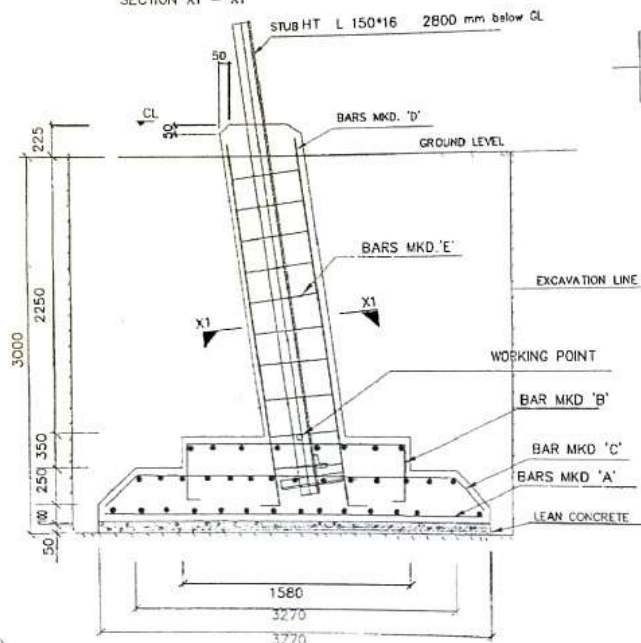


SECTION XI - X1



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

QUANTITIES / TOWER		
EXCAVATION	=	198.8 m ³
CONCRETE(1:1.5:3)	=	24.07 m ³
CONCRETE(1:3:6)	=	2.84 m ³
REINFORCEMENT	=	1901.5 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

SOIL PARAMETERS	
TYPE OF SOIL :	DRY
UNIT WEIGHT :	1440 Kg/Cu.M
BEARING CAPACITY :	25000 kg/m ²
ANGLE OF REPOSE :	30 Degrees
WATER TABLE :	3 M FROM GL

BAR BENDING SCHEDULE FOR FOUNDATION

000016

BAR TYPE	SKETCH	BAR DIA. (mm)	LENGTH (mm)	NOS / LEG	UNIT WEIGHT (KG/M)	WEIGHT PER LEG (KG)	WEIGHT PER TOWER (KG)
A	3670	10	3670	80	0.617	181.15	724.60
B	580 1480	10	2840	34	0.617	59.58	238.31
C	282 3170	10	3935	64	0.617	155.39	621.54
D	350 3000	20	3350	8	2.466	66.09	264.35
E	400 400	8	1750	11	0.395	7.60	30.42
F	283	8	1282	11	0.395	5.57	22.28

TOTAL REINFORCEMENT(Kg)

475.28

1901.51

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
Qty shall be calculated as per actual work done at site.

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	HT L 150*16	43	30941	32402	45823

26.08.22
Kumar Chaitanya
SE (C), BSPTCL

26.8.22
(CIVIL)
BSPTCL

26.08.22
KUMAR
(CIVIL)
BSPTCL

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 - DRY

DWG. NO. CD_DD(NT+18/+25)_DRY SOIL_22(ii)(d)

SCALE : NTS

SHEET : 01 OF 01