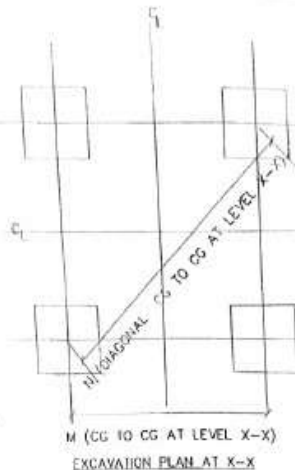
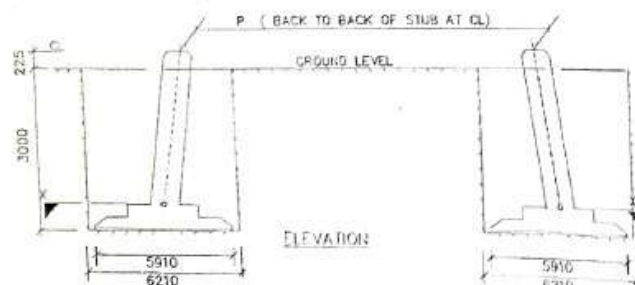
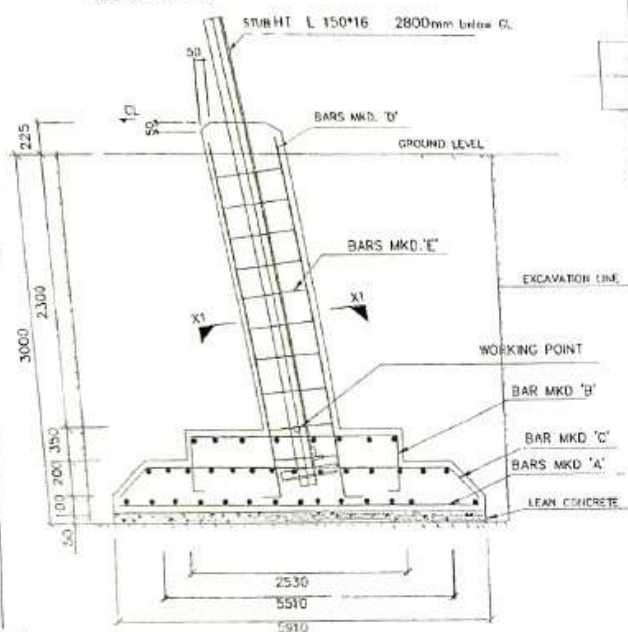
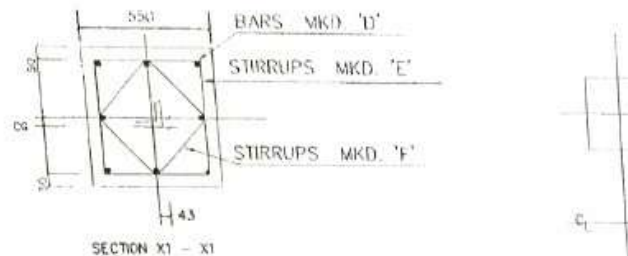


000016



QUANTITIES / TOWER		
EXCAVATION	462.8	m ³
CONCRETE(1:1.5:3)	52.1	m ³
CONCRETE(1:3:6)	7	m ³
REINFORCEMENT	3602.12	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 @ EACH LOCATION OF TOWER.
- AT SITE PROPER COMPACTION OF BACK FILLED EARTH MUST

SOIL PARAMETERS:

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

BAR BENDING SCHEDULE FOR FOUNDATION

BAR TYPE	NO. OF	BAR DIA (mm)	LENGTH (mm)	NO. / LEG	UNIT WEIGHT (KG/M)	WEIGHT PER LEG (KG)	WEIGHT PER TOWER (KG)
A	5810	12	5810	80	0.888	412.74	1650.97
B	2430	12	3682	36	0.888	117.71	470.82
C	5410	12	6034	54	0.888	289.34	1157.37
D	3350	20	3350	8	2.466	56.085	264.35
E	450	8	1950	11	0.395	8.47	33.89
F	1422	8	1422	11	0.395	5.18	24.72
TOTAL REINFORCEMENT (Kg)						901.48	3602.12

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 as per actual work done.

TOWER SLOPE TAN ALPHA = 0.30626

EXCAVATION PLAN DETAILS					
LEVEL	STUB	CC OF STUB	P	M	H
18	HT L 150*16	43	26653	28114	39759
25	HT L 150*16	43	30941	32402	45823

25.08.22
(Vinay Kumar)
AE (C), BSPTCL

26.8.22
KUMAR ANAND
EE (CIVIL)
BSPTCL

26.08.22
Chaitanya
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 - FS

DWG. NO. CD_DD(NT+18/+25)_1 FS SOIL _22(ii)(d)

SCALE : NTS

SHEET : 01 OF 01