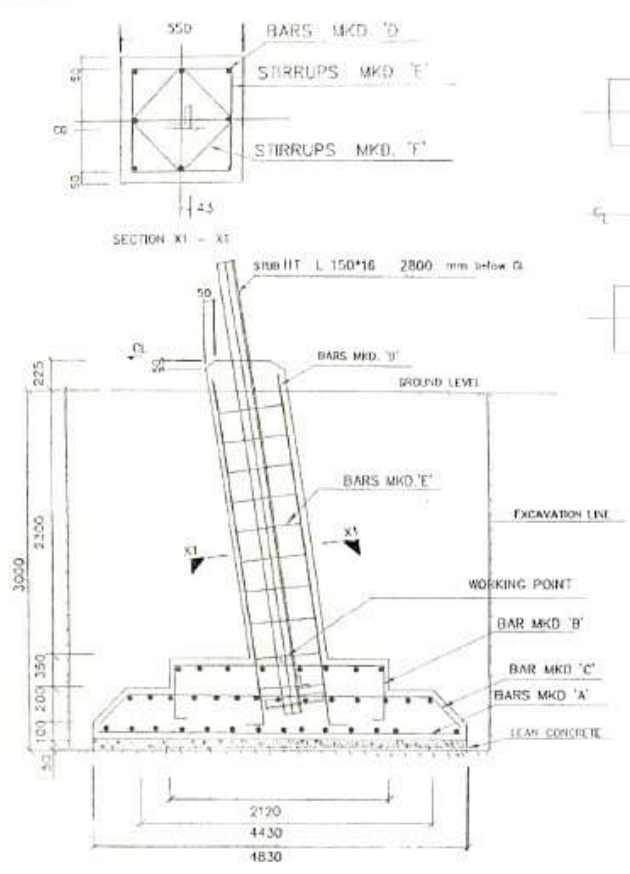


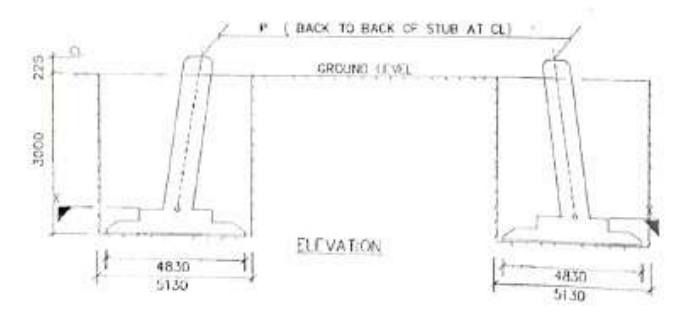
QUANTITIES / TOWER

EXCAVATION	15.8	m ³
CONCRETE (1:1.5:3)	25.84	m ³
CONCRETE (1:3:6)	1.57	m ³
REINFORCEMENT	2555.2	Kg

- NOTES:
- DRAWING NOT TO SCALE
 - ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE STATED
 - REINFORCED BAR USED Φ 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 :	DEI
UNIT WEIGHT :	1440 / 740 Kg/Cu.M
BEARING CAPACITY :	12500 kg/m ²
ANGLE OF REPOSE :	30 / 15 Degrees
WATER TABLE :	1.5 TO 3.5 M FROM CL



BAR BENDING SCHEDULE FOR FOUNDATION

BAR TYPE	SKETCH	BAR DIA (mm)	LENGTH (mm)	NO. OF LEG	UNIT WEIGHT (Kg/m)	WEIGHT PER LTD (KG)	WEIGHT PER TOWER (KG)
A	4730	12	4730	08	0.888	285.616	1142.463
B	330 2020 100	10	3280	44	0.617	89.05	356.18
C	200 4330 200	10	4354	60	0.617	183.40	733.59
D	330 3350 430	20	3350	8	2.466	66.085	264.35
E	430 1950 430	8	1950	11	0.395	8.47	33.89
F	310 1422 310	8	1422	11	0.395	6.18	24.72
TOTAL REINFORCEMENT (Kg)						638.8	2555.2

Dty shall be calculated as per actual work done

POWER SLOPE TAN ALPHA = 0.30626

EXCAVATION PLAN DETAILS

LEVEL	STUB	CG OF STUB	P	M	N
18	HT L 150*18	43	26653	28114	39759
25	HT L 150*18	43	50941	32402	45823

Kumar 25.08.22

26.08.22

KUMAR ANAND
EE (CIVIL)
BSPTCL

26.08.22

ANJANI KUMAR
EE (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 - WET

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

SCALE: NTS

SHEET: 01 OF 01