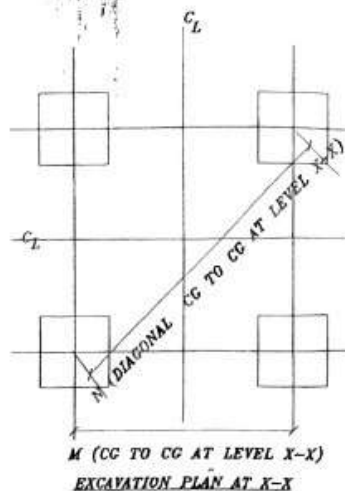
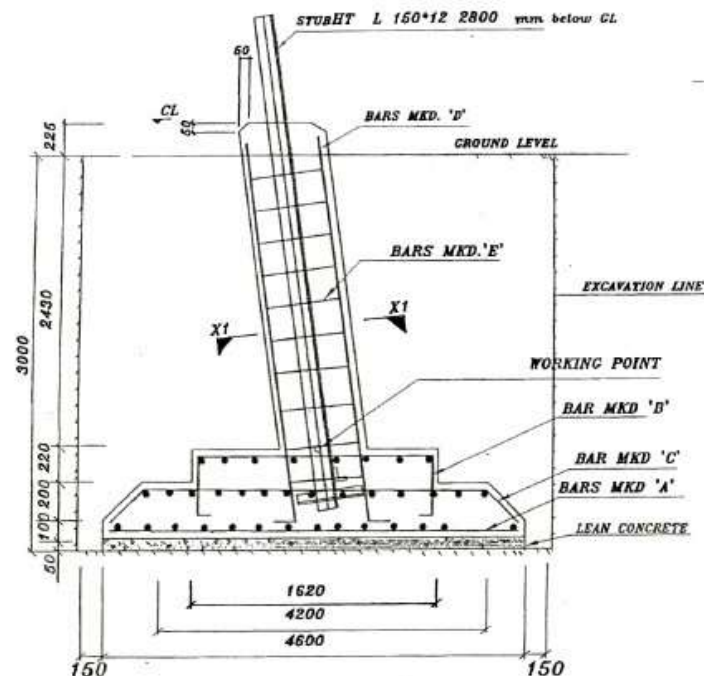


SECTION X1 - X1



EXCAVATION PLAN AT X-X

BAR TYPE	SKETCH	BAR DIA. (mm)	LENGTH (mm)	NOS./ LEG	UNIT WEIGHT (KG/M)	WEIGHT PER LEG (KG.)	WEIGHT PER TOWER (KG.)
A	4500	10	4500	74	0.617	205.46	821.84
B	400 1520 120	10	2520	26	0.617	40.43	161.70
C	4100 2100	10	4724	48	0.617	139.91	559.62
D	350 3350 3000	16	3350	8	1.578	42.29	169.16
E	350 3350 3000	28	3350	4	4.834	64.78	259.10
F	350 1346 120	8	1550	11	0.995	6.74	26.94
F	350 1346 120	8	1346	11	0.395	5.85	23.39
TOTAL REINFORCEMENT(Kg)						505.44	2021.77

TOWER SLOPE TAN ALPHA = 0.25950

EXCAVATION	=	288.12	m ³
CONCRETE(1:1.5:3)	=	28.42	m ³
CONCRETE(1:3:6)	=	4.23	m ³
REINFORCEMENT	=	2021.77	kgs

Qty shall be as per detail
const. & measurement at site.

NOTES:

1. DRAWING NOT TO SCALE
2. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE STATED
3. REINFORCED BAR USED Fe 600 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 60 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 DON

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 CL

BIHAR STATE POWER TRANSMISSION COMPANY LTD. (BSPTCL)

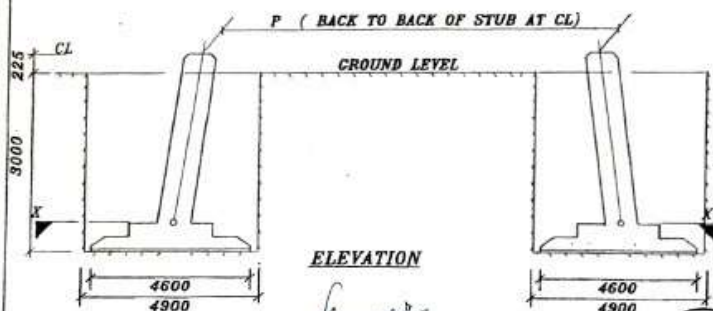
TITLE :- 400 KV D/C TWIN WZ-4 44 DB"MKD"
"4DB" (0-15)
FOUNDATION DRAWING OF TT 4DB (NT+0/+
3/06/+9 EXTENSION EQUAL LEG & SOIL TYPE -
FS SOIL

DWG. NO. - CD_DB(NT+0/+3/+6/+9)_FS SOIL _22(iii)(b)

SCALE : NTS

SHEET 01 OF 01

ELEVATION



Kumar
06.06.22
(Vinay Kumar)
AE (CIVIL)
BSPTCL

KUMAR ANAND
EE (CIVIL)
BSPTCL

06.06.22
KUMAR
AE (CIVIL)
BSPTCL