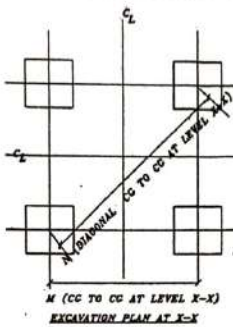
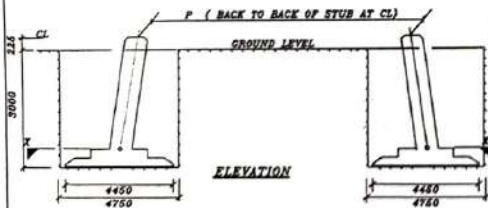
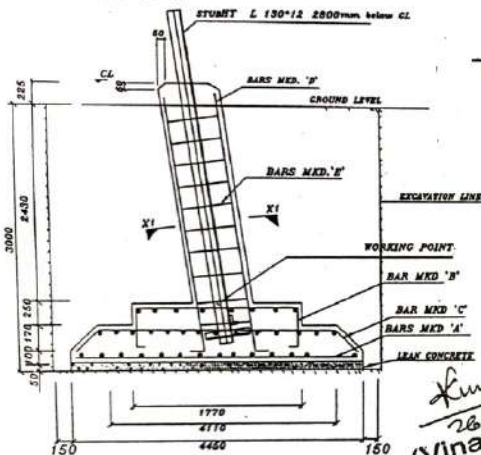


SECTION X1 - X1



EXCAVATION PLAN AT X-X

BAR TYPE	SKETCH	BAR DIA. (mm)	LENGTH (mm)	NO./ LEG	UNIT WEIGHT (kg/m)	WEIGHT PER LEG (kg)	WEIGHT PER TOWER (kg)
A	4350	10	4350	74	0.617	130.61	784.45
B	1670	10	2670	30	0.617	49.42	107.89
C	4010	10	4549	62	0.617	145.96	682.80
D	450	16	3550	4	1.578	21.15	84.58
E	1670	20	3550	4	2.465	33.04	132.16
F	450	8	1550	11	0.395	6.74	26.94
F	450	8	1138	11	0.395	4.95	19.78
TOTAL REINFORCEMENT(Kg)						459.86	1838.41

EXCAVATION	270.75	m ³
CONCRETE(1:1.5:3)	25.67	m ³
CONCRETE(1:1.5:3)	3.96	m ³
REINFORCEMENT	1838.41	kg

- NOTES:
- DRAWING NOT TO SCALE
 - ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE STATED
 - REINFORCED BAR USED P-600 CONFORMING TO IS 1786-1986
 - 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)
 - WHATEVER NECESSARY TO CLEAR STUB AND CLEAR STIRRUPS AND BARS ARE TO BE ADJUSTED AT SITE.
 - CLEAR COVER TO THE MAIN REINFORCEMENT BARS SHALL BE 40 MM UNLESS OTHERWISE SPECIFIED
 - FOR CLEAR AND STUB TEMPLATE DETAILS PLEASE REFER STUB ARE.
 - 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.

TOWER SLOPE TAN ALPHA = 0.30399

LEVEL	STUB	CG OF STUB	CG OF STUB	CG OF STUB	CG OF STUB
0	HT L 130*12	36.7	3918	10865	16493
1	HT L 130*12	36.7	11175	12215	17275
2	HT L 130*12	36.7	12435	13475	19055
3	HT L 130*12	36.7	13695	14735	20835

BIHAR STATE POWER TRANSMISSION COMPANY LTD. (BSPTCL)

TITLE : 220 KV D/C SINGLE ZEBRA WZ-4 "DD" "MKD" "25 DD" (30° 60°) DE (0° - 15°)
FOUNDATION DRAWING OF 45 DD (NT -0/+03/+06/+09)
EQUAL LEG SOIL TYPE - PS

DWG. NO. : CD_DD(NT-0/+3/+6/+9)_PSSOIL_22(0/0)

SCALE NO. 1:100 SHEET - 01 OF 01

26.04.22
(Vinay Kumar)
AE (C), B.S.P.T.C.L.

26.4
KUMAR ANJANI
EE (C), B.S.P.T.C.L.

Drawing is approved
subject to overall
responsibility of the contractor
in terms of contract agreement
or turn key for the work

ANJANI KUMAR
EE (C), B.S.P.T.C.L.

Date: 26/04/22
Checked by: [Signature]
Approved by: [Signature]

अधिकार एवं पदवर्ग प्रमाण
Design & Consultancy C
Mechanical Engineering Div
Bihar State Power Research Inst
Patna / Bengaluru-580 0