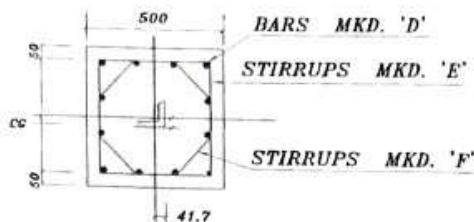
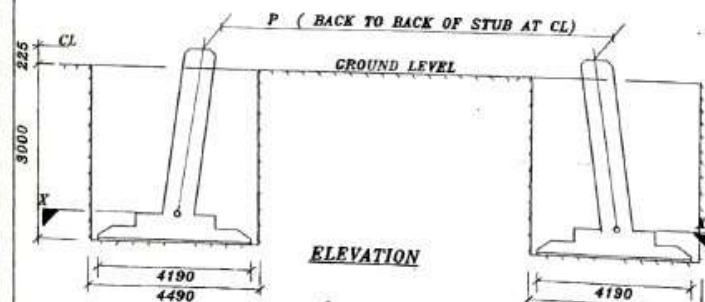
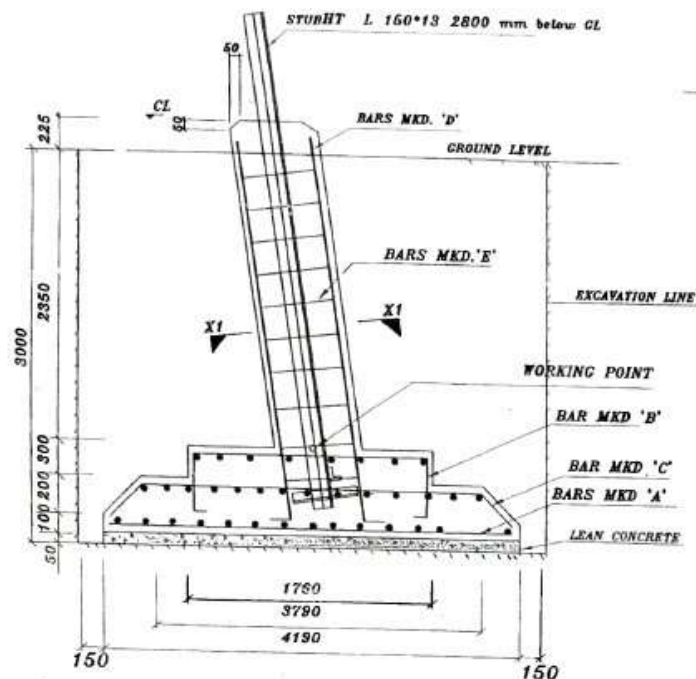


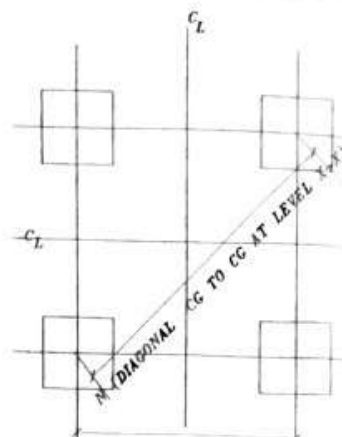
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SECTION X1 - X1



ELEVATION

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

BAR BENDING SCHEDULE FOR FOUNDATION							
BAR TYPE	SKETCH	BAR DIA (mm)	LENGTH (mm)	NOS./LEG	UNIT WEIGHT (KG/m)	WEIGHT PER LEG (KG)	WEIGHT PER TOWER (KG)
A	4090	12	4090	50	0.888	181.60	726.38
B	476 1660 100	12	2812	24	0.888	59.93	239.72
C	4100 3690	12	4314	30	0.888	114.93	459.70
D	350 3000	20	3350	12	2.466	99.13	396.53
E	400 400	8	1750	11	0.395	7.60	30.42
F	188 176	8	1486	11	0.395	6.46	25.83
TOTAL REINFORCEMENT (Kg)						469.65	1878.58

TOWER SLOPE $\tan \alpha = 0.26253$

QUANTITIES / TOWER

EXCAVATION	241.92	m ³
CONCRETE (1:1.5:3)	26.06	m ³
CONCRETE (1:3:6)	3.51	m ³
REINFORCEMENT	1878.58	kg

Qty shall be as per actual
cont. & measurement at site.

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 DONE

SOIL PARAMETERS:

TYPE OF SOIL :	WET
UNIT WEIGHT :	1440 / 940 Kg/Cu.M
BEARING CAPACITY :	12500 kg/m ²
ANGLE OF REPOSE :	30 / 15 Degrees
WATER TABLE :	1.5 TO 3 M FROM CL

BIHAR STATE POWER TRANSMISSION COMPANY LTD.
(BSPTCL)TITLE : 400 KV D/C TWIN WZ-4 "4DC" (15-30)
FOUNDATION DRAWING OF TT 4DC (NT+0/+3/+6/+9M
EXTENSION) EQUAL LEG & SOIL TYPE - WET SOIL

DWG. NO. -

CD DC(NT+0/+3/+6/+9)
WET SOIL_22(iii)(c)

SCALE : NTS

SHEET : - 01 OF 01

Kumar
06.06.22
(Vinay Kumar)
AE(C) BSPTCLKumar
06.06.22
KUMAR
EE(CIVIL)
BSPTCL06.06.22
Kumar
BSPTCL