

000020

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	4040	10	4040	66	0.617	164.52	658.07
B	400 1390	10	2390	24	0.617	35.39	141.56
C	2100 3640	10	4264	42	0.617	110.50	441.99
D	350 3900	16	3350	8	1.578	42.29	169.16
E	350 3900	28	3350	4	4.834	64.78	259.10
F	250 1900	8	1550	11	0.395	6.74	26.94
F	10 795	8	1346	11	0.395	6.85	28.39

TOTAL REINFORCEMENT(Kg)

430.06 1720.22

TOWER SLOPE TAN ALPHA = 0.25950

EXCAVATION PLAN DETAILS

LEVEL	STUB	C.G OF STUB	P	M	N
NT+0	HT L150X150X12	41.2	16257	17553	24824
+3M	HT L150X150X12	41.2	17814	19110	27026
+6M	HT L150X150X12	41.2	19371	20667	29227
+9M	HT L150X150X12	41.2	20928	22224	31429

QUANTITIES / TOWER

EXCAVATION	-	236.66	m ³
CONCRETE(1:1.5:3)	-	23.39	m ³
CONCRETE(1:3:6)	-	3.43	m ³
REINFORCEMENT	-	1720.22	kg

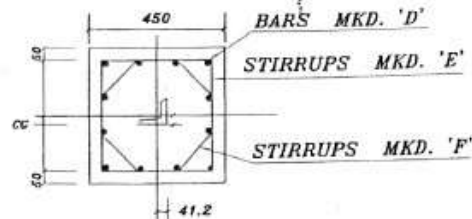
Quality check shall be as per
actual construction & measurement

NOTES:

1. DRAWING NOT TO SCALE
2. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE STATED
3. REINFORCED BAR USED Fe 500 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 50 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 DONE

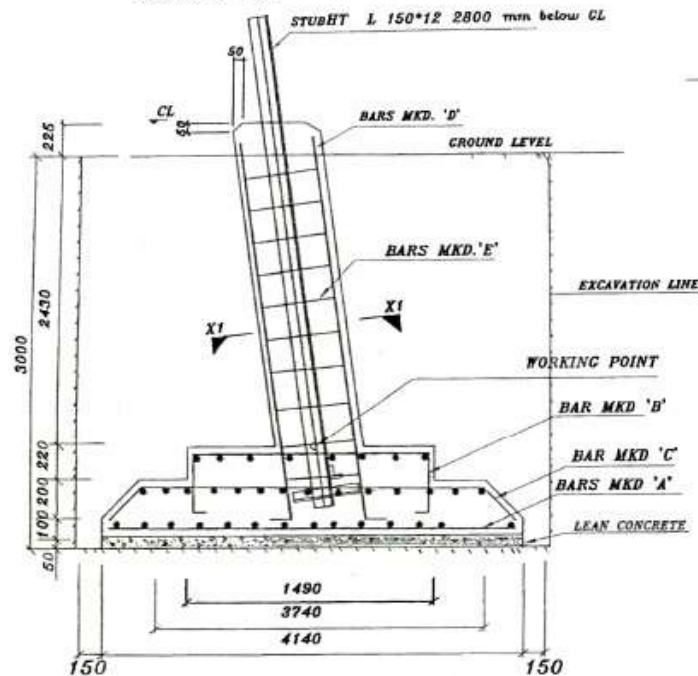
SOIL PARAMETERS:

TYPE OF SOIL :	PS
UNIT WEIGHT:	1440 / 940 Kg/Cu.M
BEARING CAPACITY:	12500 kg/m ²
ANGLE OF REPOSE :	30 / 15 Degrees
WATER TABLE :	0.75 TO 1.5 M FROM CL

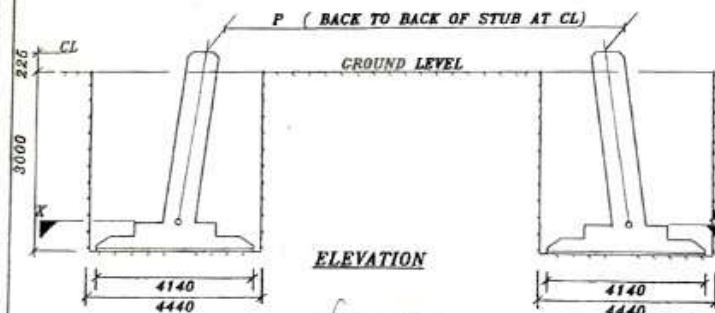


SECTION X1 - X1

STUB HT L 150*12 2800 mm below CL



EXCAVATION PLAN AT X-X



ELEVATION

06.06.22
(Vinay Kumar)
AS (C) BSPTCL

06.06.22
BSPTCL

Job 06.22
ANIL KUMAR
BSPTCL

**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 -
PS SOIL**

**DWG. NO. CD_DB(NT+0/+3/+6/+9)_PSOIL_
22(iii)(b)**

SCALE : NTS

SHEET 01 OF 01