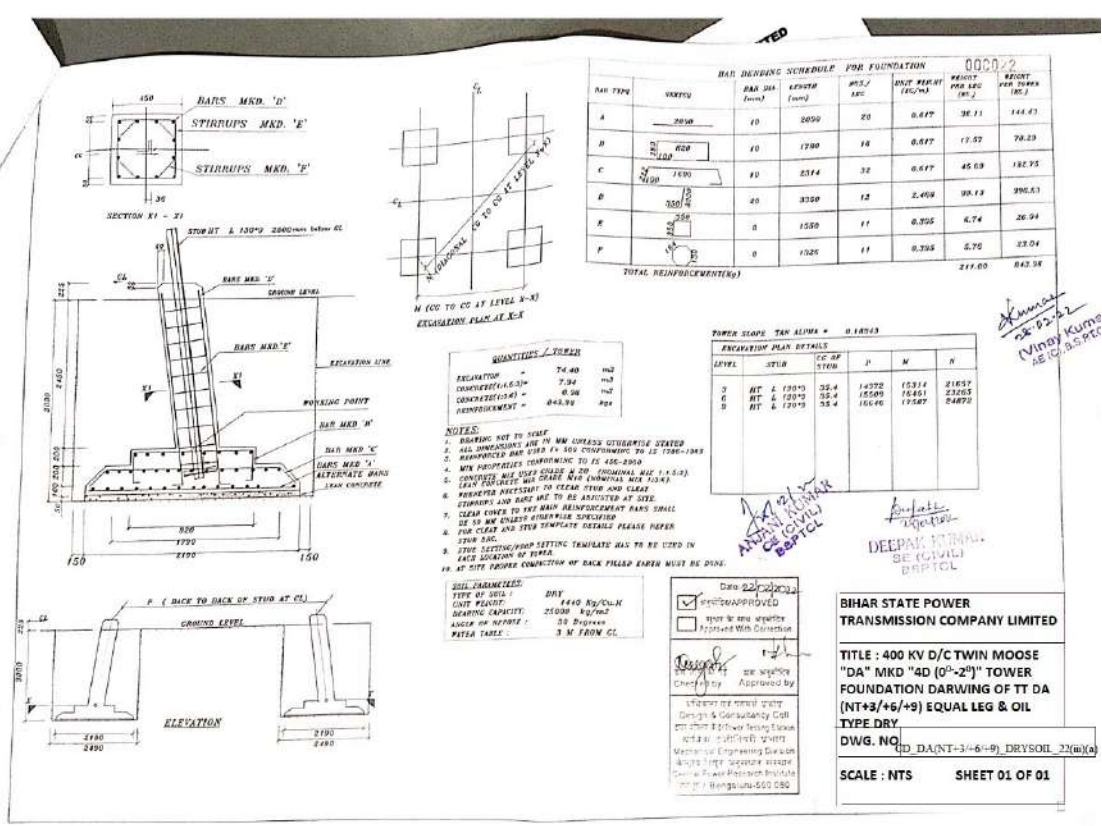




BAR BENDING SCHEDULE FOR FOUNDATION							
BAR TYPE	SIZE	BAR DIA (mm)	LENGTH (mm)	NO. OF BARS	WEIGHT PER BAR (kg)	WEIGHT FOR TOWER (kg)	WEIGHT FOR TOWER (kg)
A	2000	10	2000	20	0.617	12.34	144.83
B	1500	10	1500	10	0.617	17.87	70.23
C	1000	10	1000	10	0.617	45.69	182.75
D	500	10	500	10	0.617	98.19	396.53
E	250	10	250	10	0.617	6.74	26.94
F	100	10	100	10	0.617	0.70	2.80
TOTAL REINFORCEMENT (kg)						211.00	842.58

QUANTITIES / TOWER	
EXCAVATION	74.40 m ³
CONCRETE (1:1.5:3)	7.04 m ³
CONCRETE (1:1.5:3)	0.36 m ³
REINFORCEMENT	843.90 kg

- NOTES
1. DRAWING NOT TO SCALE
 2. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE STATED
 3. REINFORCED BAR USED IS 500 CEMENTED TO IS 1786-1985
 4. MIN PROPERTIES (CONCRETE TO IS 456-2000)
 5. CONCRETE WAS USED GRADE & 20 (PROPORTION 1:1.5:3)
 6. CONCRETE WAS USED GRADE & 20 (PROPORTION 1:1.5:3)
 7. FORMS WERE USED TO CAST CONCRETE AND CURING WAS DONE
 8. FORMS AND BAR NOT TO BE ADJUSTED AT SITE
 9. CLEAR COVER TO THE MAIN REINFORCEMENT BARS SHALL BE 50 MM UNLESS OTHERWISE SPECIFIED
 10. FOR CAST AND STU TEMPLATE DETAILS PLEASE REFER STU Dwg.
 11. THE SETTING/POU SETTING TEMPLATE HAS TO BE USED IN THIS WORKING OF TOWER
 12. AT SITE BEFORE CONSTRUCTION OF BACK FILLER BARS MUST BE DONE

SOIL PARAMETERS	
TYPE OF SOIL	DRY
UNIT WEIGHT	1440 kg/m ³
BEARING CAPACITY	25000 kg/m ²
ANGLE OF INTERNAL FRICTION	30 Degree
WATER TABLE	3 M FROM CL

EXCAVATION PLAN DETAILS					
LEVEL	STUB	CC OF STUB	J	M	N
3	RT & 100%	35.4	14272	15314	21857
4	RT & 100%	35.4	15500	16451	23103
5	RT & 100%	35.4	16640	17587	24872

Checked by: [Signature]
Approved by: [Signature]
Mechanical Engineering Division
Bihar State Power Transmission Company Limited
Patna-800 001

BIHAR STATE POWER TRANSMISSION COMPANY LIMITED

TITLE : 400 KV D/C TWIN MOOSE "DA" MKD "4D (0°-2°)" TOWER FOUNDATION DAWING OF TT DA (NT+3/+6/+9) EQUAL LEG & OIL TYPE DRY

DWG. NO. [Blank]

SCALE : NTS SHEET 01 OF 01