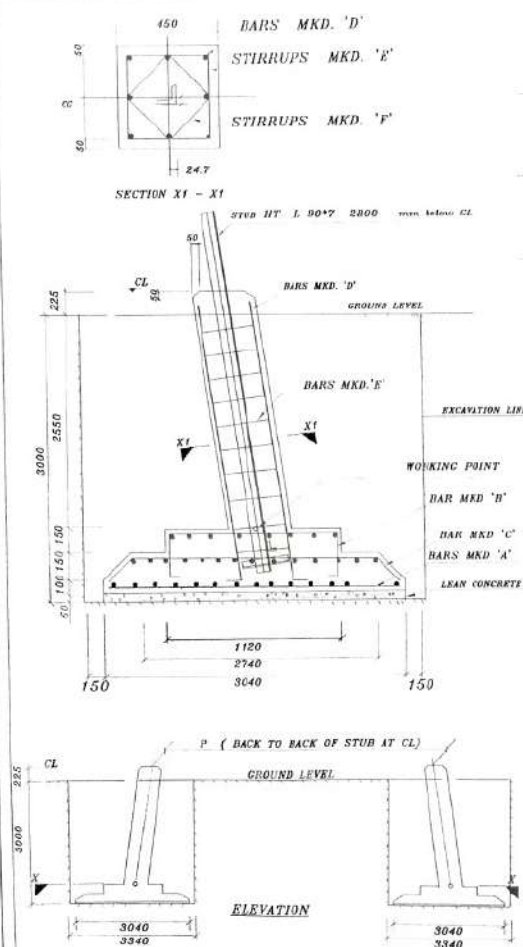




BAR TYPE	SKETCH	BAR DIA. (mm)	LENGTH (mm)	NOS. / LG	UNIT WEIGHT (KG/M)	WEIGHT PER LG (KG)	WEIGHT PER TOWER (KG)
A	2940	10	2940	30	0.617	54.42	217.68
B	1020	10	1780	14	0.617	15.38	61.50
C	2640	10	3122	20	0.617	38.53	154.10
D	350	16	3350	4	1.578	21.15	84.58
E	350	20	3350	4	2.466	33.04	132.18
F	350	8	1550	11	0.395	6.74	26.94
F	350	8	1138	11	0.395	4.95	19.78
TOTAL REINFORCEMENT(Kg)						174.19	696.76

EXCAVATION	133.87	m ³
CONCRETE (1:1.5:3)	11.71	m ³
CONCRETE (1:3:6)	1.85	m ³
REINFORCEMENT	696.76	kg

- NOTES:**
- DRAWING NOT TO SCALE
 - ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED
 - 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 CLAY
 - 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

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 :- 220 KV D/C SINGLE ZEBRA WZ-4 "DA" MKD "2SDA" (0°-20°) FOUNDATION DRAWING OF TTA DA (NT+3/+6/+9) EQUAL LEG & SOIL TYPE -FS SOIL

DWG. NO. : C CD_DA(NT+3/+6/+9)_FSSOIL_22(i)(a)

SCALE :- NTS SHEET : 01 OF 01

Date: 17/03/2022
Checked By: [Signature]
Design & Calculation Cell
Project: [Signature]
Initial: [Signature]
Mechanical Engineering Division
BSPCL Research Institute
Bengaluru-560 080

TOWER SLOPE TAN ALPHA = 0.13220
EXCAVATION PLAN DETAILS
LEVEL STUB C/S OF STUB P W L
+3M HT 10000 20.7 7593 8017 11205
+6M HT 10000 20.7 7593 8017 11205
+9M HT 10000 20.7 7593 8017 11205
Drawing is to be used only for the purpose of work
subject to approval of the concerned authority
in terms of work order
ANJANI KUMAR
EE (CIVIL)
BSPCL
KUMAR ANAND
EE (CIVIL)
BSPCL
Kumar Chaitanya
BE (C), BSPCL