STANDARDIZATION OF CIVIL DRAWINGS OF 220 KV GSS & TRANSMISSION LINE TOWER FOUNDATIONS

INDEX

SL No.	Description	SBC t/m2	Soil Filling(m)	Unique ID
1	33KV Equipment Foundation -LA, CT, CVT, BPI & ISO	5.4	2.07	CD_33KVEQPT_01-01 to CD_33KVEQPT_01- 06
2	160mva Transformer Foundation	7.2	2.07	CD_160 MVATransf_02-01 to CD_160 MVATransf _02- 08
3	200mva Transformer Foundation	5.5	0.0	CD_200 MVATransf_03-01 to CD_200MVATransf _03- 02
4	Control Room Building	7.0	2.51	CD_220KVCRB_04-01 to CD_220KVCRB_04- 07
5	DG shed	7.0	2.51	CD_DGSHED_05-01 to CD_DGSHED_05-02
6	FFPH Building	7.0	2.51	CD_FFPHBLDG_06-01 to CD_FFPHBLDG_06- 03
7	FFPH WATER RESERVOIR	7.0	2.07	CD_FFPHWRES_07-01 to CD_FFPHWRES_07- 03
8	Store Building	6.3	2.07	CD_STORE_08-01 to CD_STORE_08- 06
9	33KV Tower Foundation RCC Details	7.4	2.07	CD_33KVTOWER_09
10	50mva Transformer Foundation	6.4	2.07	CD_50MVATRANS_10
11	80mva Transformer Foundation	7.8	2.1	CD_80MVATRANS_11
12	132KV Equipment Foundation -LA, CT, CVT, BPI & ISO	7.7	2.07	CD_132KVEQPT_12
13	132KV Tower Foundation RCC Details	7.4	2.07	CD_132KVTOWER_13
14	220 KV Tower foundation	7.4	2.07	CD_220KVTOWER_14
15	220KV Equipment Foundation -LA, CT, CVT, BPI & ISO	7.7	2.07	CD_220KVEQPT_15
16	Boundary wall for pile capacity Uplift capacity-24.14 ton & lateral capacity-2.4ton	NA	2.1	CD_BOUNDWALL_16
17	Car Parking RCC details	5.4	2.07	CD_CARPARK_17
18	DORMITORY- Architectural & RCC Details	7.0	2.51	CD_DORMITORY_18-01 to CD_DORMITORY_18-03
19	LM Tower Foundation RCC Details	7.4	2.07	CD_LMTOWER_19
20	2BHK APRATMENT	7.4	2.07	CD_2BHK_20-01 to CD_2BHK_20- 20
21	3BHK APRATMENT	7.4	2.07	CD_3BHK_21-01 to CD_3BHK_21- 19
22	Transmission line tower foundation			
(i)	**220KV Tower foundation with SINGLE ZEBRA**			
a)	DA type foundation			CD_DA(NT+0)_DRYSOIL_22(i)(a) CD_DA(NT+0)_FSSOIL_22(i)(a) CD_DA(NT+0)_PSSOIL_22(i)(a) CD_DA(NT+0)_WETSOIL_22(i)(a) CD_DA(NT+3/+6/+9)_DRYSOIL_22(i)(a) CD_DA(NT+3/+6/+9)_FSSOIL_22(i)(a) CD_DA(NT+3/+6/+9)_PSSOIL_22(i)(a) CD_DA(NT+3/+6/+9)_WETSOIL_22(i)(a)

b)	DB type foundation			CD_DB(NT+0/+3/+6/+9)_DRYSOIL_22(i)(b) CD_DB(NT+0/+3/+6/+9)_WETSOIL_22(i)(b) CD_DB(NT+0/+3/+6/+9)_PSSOIL_22(i)(b) CD_DB(NT+0/+3/+6/+9)_FSSOIL_22(i)(b)
c)	DC type foundation			CD_DC(NT+0/+3/+6/+9)_DRYSOIL_22(i)(c) CD_DC(NT+0/+3/+6/+9)_WETSOIL_22(i)(c) CD_DC(NT+0/+3/+6/+9)_PSSOIL_22(i)(c) CD_DC(NT+0/+3/+6/+9)_FSSOIL_22(i)(c)
d)	DD type foundation			CD_DD(NT+0/+3/+6/+9)_WETSOIL_22(i)(d) CD_DD(NT+0/+3/+6/+9)_PSSOIL_22(i)(d) CD_DD(NT+0/+3/+6/+9)_FSSOIL_22(i)(d)
(ii)	**220KV Tower foundation with TWIN MOOSE**			
a)	DA type foundation			CD_DA(NT+0)_DRYSOIL_22(ii)(a) CD_DA(NT+0)_WETSOIL_22(ii)(a) CD_DA(NT+0/+3/+6/+9)_DRYSOIL_22(ii)(a) CD_DA(NT+0/+3/+6/+9)_FSSOIL_22(ii)(a) CD_DA(NT+3/+6/+9)_PSSOIL_22(ii)(a) CD_DA(NT+3/+6/+9)_WETSOIL_22(ii)(a)
b)	DB type foundation			CD_DB(NT+0/+3/+6/+9)_DRYSOIL_22(ii)(b) CD_DB(NT+0/+3/+6/+9)_FSSOIL_22(ii)(b) CD_DB(NT+0/+3/+6/+9)_PSSOIL_22(ii)(b) CD_DB(NT+0/+3/+6/+9)_WETSOIL_22(ii)(b)
c)	DC type foundation			CD_DC(NT+0/+3/+6/+9)_DRYSOIL_22(ii)(c) CD_DC(NT+0/+3/+6/+9)_FSSOIL_22(ii)(c) CD_DC(NT+0/+3/+6/+9)_PSSOIL_22(ii)(c) CD_DC(NT+0/+3/+6/+9)_WETSOIL_22(ii)(c)
d)	DD type foundation			CD_DD(NT+18/+25)_DRYSOIL_22(ii)(d) CD_DD(NT+18/+25))_FSSOIL_22(ii)(d) CD_DD(NT+18/+25)_PSSOIL_22(ii)(d) CD_DD(NT+18/+25)_WETSOIL_22(ii)(d)
(iii)	**400KV Tower foundation with TWIN MOOSE**			
a)	DA type foundation			CD_DA(NT+0)_DRYSOIL_22(iii)(a) CD_DA(NT+0)_WETSOIL_22(iii)(a) CD_DA(NT+3/+6/+9)_DRYSOIL_22(iii)(a) CD_DA(NT+0/+3/+6/+9)_FSSOIL_22(iii)(a) CD_DA(NT+0/+3/+6/+9)_PSSOIL_22(iii)(a) CD_DA(NT+3/+6/+9)_WETSOIL_22(iii)(a)
b)	DB type foundation			CD_DB(NT+0/+3/+6/+9)_DRYSOIL_22(iii)(b) CD_DB(NT+0/+3/+6/+9)_FSSOIL_22(iii)(b) CD_DB(NT+0/+3/+6/+9)_PSSOIL_22(iii)(b) CD_DB(NT+0/+3/+6/+9)_WETSOIL_22(iii)(b)
c)	DC type foundation			CD_DC(NT+0/+3/+6/+9)_DRYSOIL_22(iii)(c) CD_DC(NT+0/+3/+6/+9)_FSSOIL_22(iii)(c) CD_DC(NT+0/+3/+6/+9)_PSSOIL_22(iii)(c) CD_DC(NT+0/+3/+6/+9)_WETSOIL_22(iii)(c)
d)	DD type foundation			CD_DD(NT+18/+25)_DRYSOIL_22(iii)(d) CD_ DD(NT+18/+25))_FSSOIL_22(iii)(d) CD_ DD(NT+18/+25)_PSSOIL_22(iii)(d) CD_ DD(NT+18/+25)_WETSOIL_22(iii)(d)