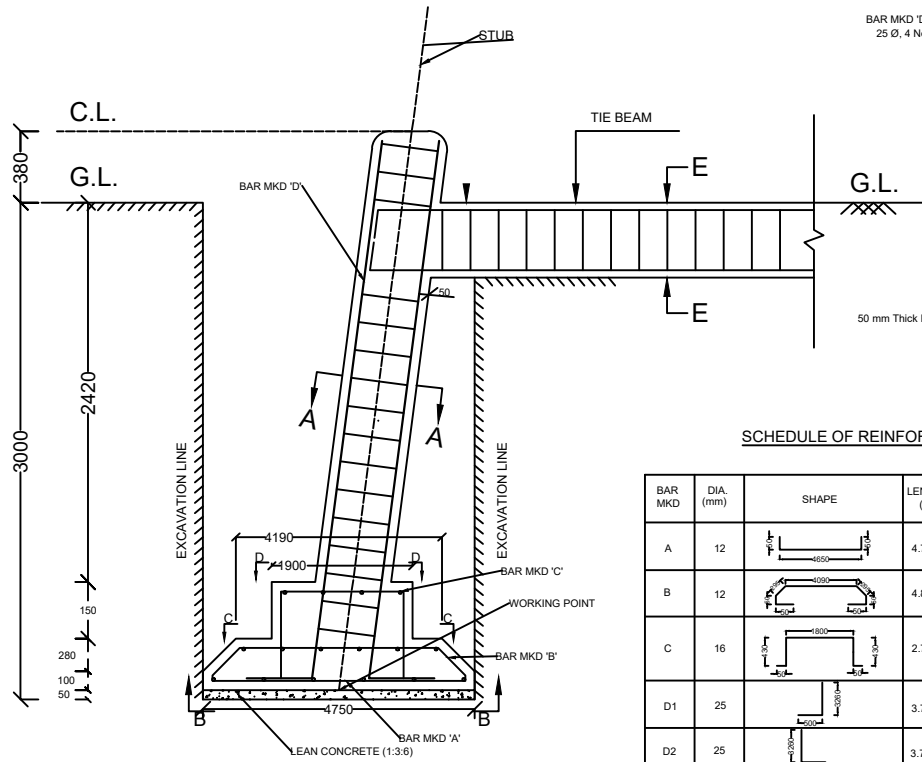
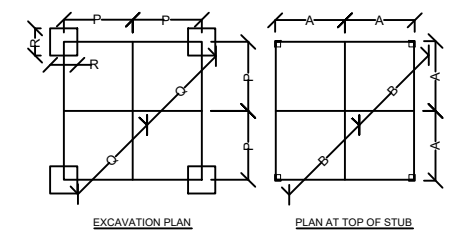


SCHEDULE OF REINFORCEMENT

BAR MKD	DIA. (mm)	SHAPE	LENGTH (m)	No/ LEG	No/ TOWER	UNIT WEIGHT (Kg)	TOTAL WEIGHT (Kg)
A	12		4.75	50	200	0.89	845.50
B	12		4.88	46	184	0.89	799.47
C	16		2.76	20	80	1.58	348.86
D1	25		3.76	4	16	3.86	232.22
D2	25		3.76	4	16	3.86	232.22
E	8		2.20	15	60	0.40	52.80
F	8		1.54	15	60	0.40	36.96
G	20		11.91	3	12	2.47	353.01
H	20		11.91	3	12	2.47	353.01
I	8		1.63	60	240	0.40	156.48
TOTAL WEIGHT / TOWER							3410.53

DIMENSION TABLE

DESCRIPTION	B/B AT TOP OF STUB		EXCAVATION DIMENSIONS		
	A	B	P	Q	R
NORMAL TOWER +6.0 M	5352.15	7569.08	5982.5	8460.53	5050

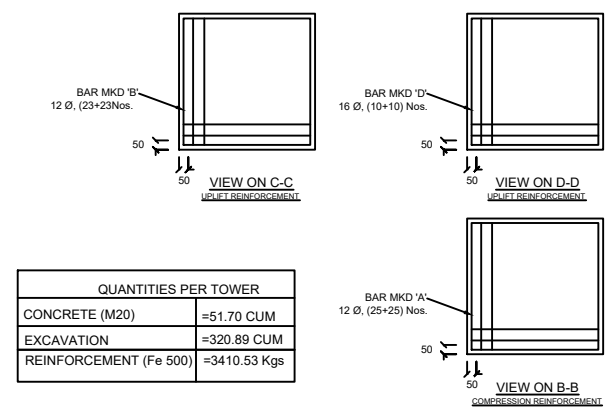


TOWER SLOPE

Tan B = 0.203380486
 2 tan B = 0.406760972
 Face = 1.020472254
 Dev = 1.040541803

Notes:-

1. ALL DIMENSIONS ARE IN m.m.
2. GRADE OF CONCRETE SHALL BE M20.
3. REINFORCEMENT SHALL BE TMT Fe 500 OR ABOVE GRADE.
4. MINIMUM CLEAR COVER SHALL BE 50 MM FOR CHIMNEY AND 40 MM FOR BEAM.
5. B/B AT TOP OF STUB SHALL BE AS PER THE STUB SETTING TEMPLATE.



QUANTITIES PER TOWER	
CONCRETE (M20)	=51.70 CUM
EXCAVATION	=320.89 CUM
REINFORCEMENT (Fe 500)	=3410.53 Kgs

Sr. NO.	CONCRETE & SOIL PROPERTIES	SUBMERGED SOIL
1)	ULTIMATE BEARING CAPACITY (Kg/Cu.m.)	1100
2)	ANGLE OF REPOSE IN DEGREE	15
3)	UNIT WEIGHT OF SOIL (Kg/Cu.m.)	80
4)	UNIT WEIGHT OF CONCRETE IN (Kg/Cu.m.)	PCC 2400 RCC 2400
5)	WATER TABLE BELOW GROUND LEVEL (m)	LESS THAN 0.75 M

Assam Electricity Grid Corporation Limited 1st Floor, Bijulee Bhawan Paltan Bazar, Guwahati - 781001, Assam, India	
TITLE	FOUNDATION DRAWING
TOWER TYPE	132 KV DD+6
SOIL TYPE	FULLY SUBMERGED SOIL