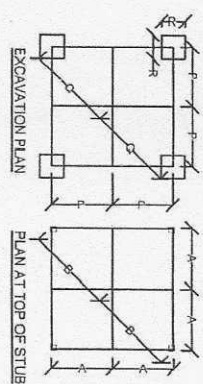


DESCRIPTION	QTY	UNIT	EXCAVATION DIMENSIONS	REMARKS
FOUNDATION	1	m ³	1.000	
FOUNDATION	1	m ³	1.000	
FOUNDATION	1	m ³	1.000	
FOUNDATION	1	m ³	1.000	
FOUNDATION	1	m ³	1.000	
FOUNDATION	1	m ³	1.000	
FOUNDATION	1	m ³	1.000	
FOUNDATION	1	m ³	1.000	
FOUNDATION	1	m ³	1.000	
FOUNDATION	1	m ³	1.000	



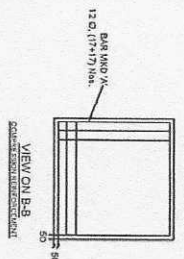
SCHEDULE OF REINFORCEMENT

BAR NO.	SHAPE	LENGTH (m)	NO. OF BARS	UNIT WEIGHT (kg/m)	TOTAL WEIGHT (kg)
1	12	3.20	34	0.89	287.23
2	12	3.23	32	0.89	288.25
3	12	1.40	56	0.89	124.79
4	12	3.35	4	0.89	11.96
5	12	1.40	56	0.89	124.79
6	12	1.40	56	0.89	124.79
7	12	1.40	56	0.89	124.79
8	12	1.40	56	0.89	124.79
9	12	1.40	56	0.89	124.79
10	12	1.40	56	0.89	124.79
11	12	1.40	56	0.89	124.79
12	12	1.40	56	0.89	124.79
13	12	1.40	56	0.89	124.79
14	12	1.40	56	0.89	124.79
15	12	1.40	56	0.89	124.79
16	12	1.40	56	0.89	124.79
17	12	1.40	56	0.89	124.79
18	12	1.40	56	0.89	124.79
19	12	1.40	56	0.89	124.79
20	12	1.40	56	0.89	124.79
21	12	1.40	56	0.89	124.79
22	12	1.40	56	0.89	124.79
23	12	1.40	56	0.89	124.79
24	12	1.40	56	0.89	124.79
25	12	1.40	56	0.89	124.79
26	12	1.40	56	0.89	124.79
27	12	1.40	56	0.89	124.79
28	12	1.40	56	0.89	124.79
29	12	1.40	56	0.89	124.79
30	12	1.40	56	0.89	124.79
31	12	1.40	56	0.89	124.79
32	12	1.40	56	0.89	124.79
33	12	1.40	56	0.89	124.79
34	12	1.40	56	0.89	124.79
35	12	1.40	56	0.89	124.79
36	12	1.40	56	0.89	124.79
37	12	1.40	56	0.89	124.79
38	12	1.40	56	0.89	124.79
39	12	1.40	56	0.89	124.79
40	12	1.40	56	0.89	124.79
41	12	1.40	56	0.89	124.79
42	12	1.40	56	0.89	124.79
43	12	1.40	56	0.89	124.79
44	12	1.40	56	0.89	124.79
45	12	1.40	56	0.89	124.79
46	12	1.40	56	0.89	124.79
47	12	1.40	56	0.89	124.79
48	12	1.40	56	0.89	124.79
49	12	1.40	56	0.89	124.79
50	12	1.40	56	0.89	124.79
51	12	1.40	56	0.89	124.79
52	12	1.40	56	0.89	124.79
53	12	1.40	56	0.89	124.79
54	12	1.40	56	0.89	124.79
55	12	1.40	56	0.89	124.79
56	12	1.40	56	0.89	124.79
57	12	1.40	56	0.89	124.79
58	12	1.40	56	0.89	124.79
59	12	1.40	56	0.89	124.79
60	12	1.40	56	0.89	124.79
61	12	1.40	56	0.89	124.79
62	12	1.40	56	0.89	124.79
63	12	1.40	56	0.89	124.79
64	12	1.40	56	0.89	124.79
65	12	1.40	56	0.89	124.79
66	12	1.40	56	0.89	124.79
67	12	1.40	56	0.89	124.79
68	12	1.40	56	0.89	124.79
69	12	1.40	56	0.89	124.79
70	12	1.40	56	0.89	124.79
71	12	1.40	56	0.89	124.79
72	12	1.40	56	0.89	124.79
73	12	1.40	56	0.89	124.79
74	12	1.40	56	0.89	124.79
75	12	1.40	56	0.89	124.79
76	12	1.40	56	0.89	124.79
77	12	1.40	56	0.89	124.79
78	12	1.40	56	0.89	124.79
79	12	1.40	56	0.89	124.79
80	12	1.40	56	0.89	124.79
81	12	1.40	56	0.89	124.79
82	12	1.40	56	0.89	124.79
83	12	1.40	56	0.89	124.79
84	12	1.40	56	0.89	124.79
85	12	1.40	56	0.89	124.79
86	12	1.40	56	0.89	124.79
87	12	1.40	56	0.89	124.79
88	12	1.40	56	0.89	124.79
89	12	1.40	56	0.89	124.79
90	12	1.40	56	0.89	124.79
91	12	1.40	56	0.89	124.79
92	12	1.40	56	0.89	124.79
93	12	1.40	56	0.89	124.79
94	12	1.40	56	0.89	124.79
95	12	1.40	56	0.89	124.79
96	12	1.40	56	0.89	124.79
97	12	1.40	56	0.89	124.79
98	12	1.40	56	0.89	124.79
99	12	1.40	56	0.89	124.79
100	12	1.40	56	0.89	124.79

- 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.

TOWER SLOPE
 Tan B = 0.119322372
 2 tan B = 0.238644744
 Face = 1.30703754
 Dev = 1.31457889

QUANTITIES PER TOWER	CONCRETE (M20)	EXCAVATION	REINFORCEMENT (Fe 500)
	18.00 CUM	1.33 SQ. M	1335.80 Kgs

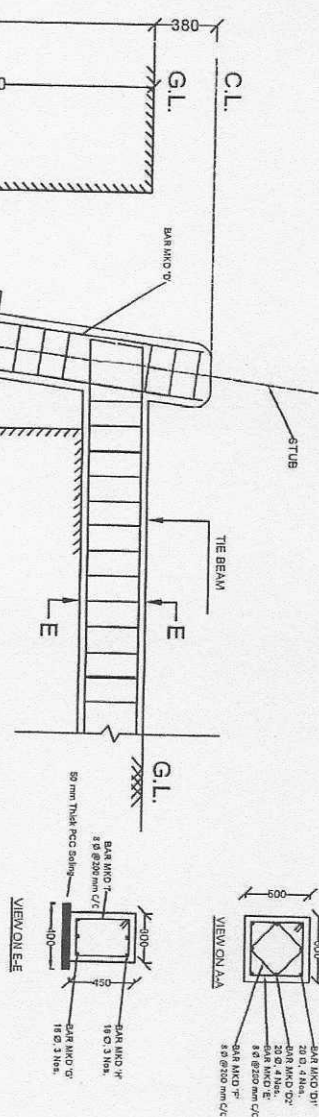


NO.	DESCRIPTION	UNIT	QTY
1	FOUNDATION	m ³	1.000
2	FOUNDATION	m ³	1.000
3	FOUNDATION	m ³	1.000
4	FOUNDATION	m ³	1.000
5	FOUNDATION	m ³	1.000
6	FOUNDATION	m ³	1.000
7	FOUNDATION	m ³	1.000
8	FOUNDATION	m ³	1.000
9	FOUNDATION	m ³	1.000
10	FOUNDATION	m ³	1.000
11	FOUNDATION	m ³	1.000
12	FOUNDATION	m ³	1.000
13	FOUNDATION	m ³	1.000
14	FOUNDATION	m ³	1.000
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17	FOUNDATION	m ³	1.000
18	FOUNDATION	m ³	1.000
19	FOUNDATION	m ³	1.000
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22	FOUNDATION	m ³	1.000
23	FOUNDATION	m ³	1.000
24	FOUNDATION	m ³	1.000
25	FOUNDATION	m ³	1.000
26	FOUNDATION	m ³	1.000
27	FOUNDATION	m ³	1.000
28	FOUNDATION	m ³	1.000
29	FOUNDATION	m ³	1.000
30	FOUNDATION	m ³	1.000
31	FOUNDATION	m ³	1.000
32	FOUNDATION	m ³	1.000
33	FOUNDATION	m ³	1.000
34	FOUNDATION	m ³	1.000
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36	FOUNDATION	m ³	1.000
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38	FOUNDATION	m ³	1.000
39	FOUNDATION	m ³	1.000
40	FOUNDATION	m ³	1.000
41	FOUNDATION	m ³	1.000
42	FOUNDATION	m ³	1.000
43	FOUNDATION	m ³	1.000
44	FOUNDATION	m ³	1.000
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46	FOUNDATION	m ³	1.000
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58	FOUNDATION	m ³	1.000
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82	FOUNDATION	m ³	1.000
83	FOUNDATION	m ³	1.000
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91	FOUNDATION	m ³	1.000
92	FOUNDATION	m ³	1.000
93	FOUNDATION	m ³	1.000
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96	FOUNDATION	m ³	1.000
97	FOUNDATION	m ³	1.000
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99	FOUNDATION	m ³	1.000
100	FOUNDATION	m ³	1.000









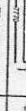

Asstt. General Manager (C) T
 Silchar T & T Circle, AEGCL
 Meherpur, Silchar-15

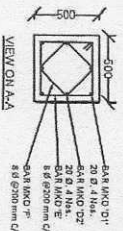
General Manager (C)
 O/o the M.D. AEGCL, Biju Bhegwan
 Palanbazar, Guwahati-1

Assam Electricity Grid Corporation Limited 1st Floor, Biju Bhegwan Palan Bazar, Guwahati - 781001, Assam, India	FOUNDATION DRAWING
TOWER TYPE	132 KV DA+6
SOIL TYPE	FULLY SUBMERGED SOIL

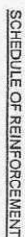


SCHEDULE OF REINFORCEMENT

BAR NO.	Ø (mm)	SHAPE	LENGTH (m)	No. LEG	No./ Tower	UNIT WEIGHT (kg)	TOTAL WEIGHT (kg)
A	12		4.00	42	168	0.89	398.08
B	12		4.07	40	160	0.89	378.85
C	12		2.30	18	72	0.89	147.38
D1	20		3.76	4	16	2.47	148.50
D2	20		3.78	4	16	2.47	148.50
E	8		1.60	16	80	0.40	43.20
F	8		1.35	15	60	0.40	30.24
G	16		8.87	3	12	1.58	152.01
H	16		8.87	3	12	1.58	152.01
I	8		1.33	40	400	0.40	65.12
TOTAL WEIGHT / TOWER							2086.19



DIMENSION TABLE




VIEW ON B-B

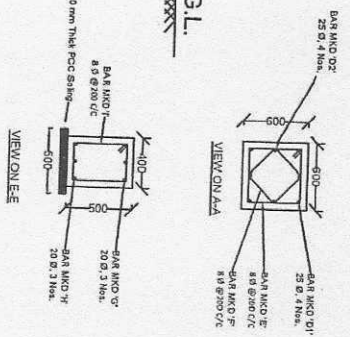
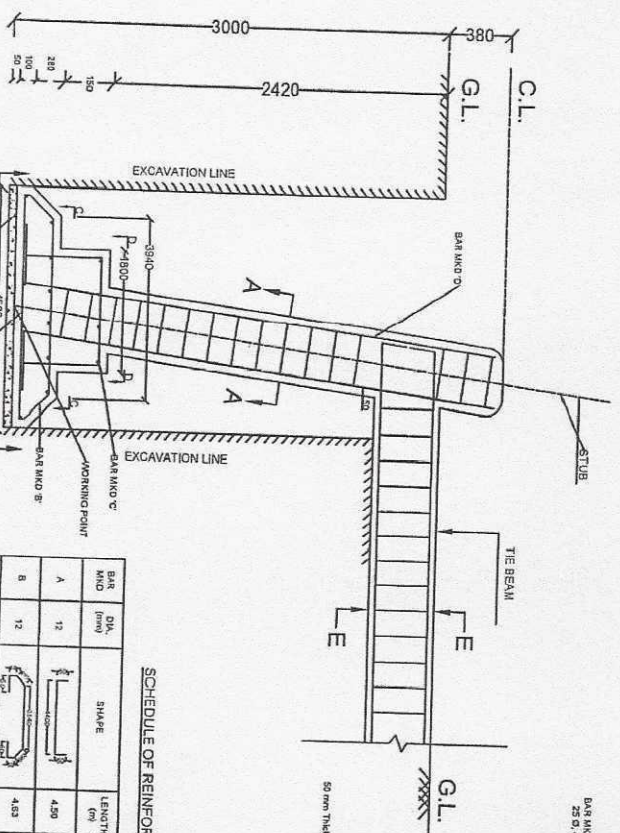
6

TOWER SLOPE

Tan B	= 0.150742827
2 tan B	= 0.301485254
Face	= 1.014297849
Dev	= 1.02247087

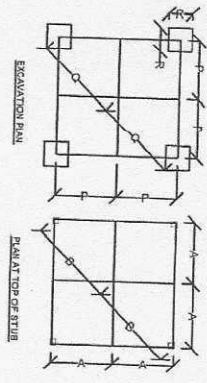
General Manager (C)
Qatar M.D. AEGCL, Bujle Bhawan
Pekantara, Gauraha,

 <p>Assam Electricity Grid Corporation Limited 1st Floor, Bijuloke Bhawan Paten Bazar, Guwahati - 781001, Assam, India</p>	
TITLE	FOUNDATION DRAWING
TOWER TYPE	132 KV DB+6
SOIL TYPE	FULLY SUBMERGED SOIL



DIMENSION TABLE

DESCRIPTION	800 AT TOP OF STUB	EXCAVATION DIMENSION
	A	B
NORMAL TOWER 10M	4011.85	5643.32
	4017	5741.58
		4000

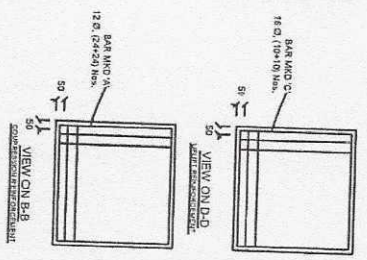


SCHEDULE OF REINFORCEMENT

BAR NO.	SHAPE	LENGTH (m)	NO. / TOWER	UNIT WEIGHT (kg)	TOTAL WEIGHT (kg)
A	12	4.50	48	0.89	778.96
B	12	4.53	44	0.89	772.55
C	16	2.68	20	1.56	326.22
D1	25	3.76	4	3.85	232.22
D2	25	3.76	4	3.85	232.22
E	8	2.20	15	0.40	52.80
F	8	1.54	16	0.40	59.84
G	20	9.47	3	2.47	260.69
H	20	9.47	3	2.47	260.69
I	8	1.83	47	0.40	122.59
TOTAL WEIGHT / TOWER					3056.89

QUANTITIES PER TOWER

CONCRETE (M20)	445.45 CUM
EXCAVATION	257.32 CUM
REINFORCEMENT (Fe 500)	3056.89 Kgs



CONCRETE TOWER PROPERTIES

NO.	PROPERTY	UNIT
1	MINIMUM TENSILE STRENGTH (F _{yk})	MPa
2	MINIMUM COMPRESSIVE STRENGTH (F _{cd})	MPa
3	MINIMUM ELONGATION AT BREAK (%)	%
4	MINIMUM ELONGATION AT BREAK (%)	%
5	MINIMUM ELONGATION AT BREAK (%)	%

Asstt. General Manager (C) Tlc
Sichar T & T Circle, AEGCL
Meherpur, Sichar-15

General Manager (C)
Go the M.D., AEGCL, Bijuas Bhawan
Paltanbazar, Guwahati-1

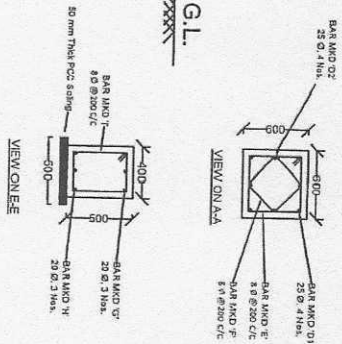
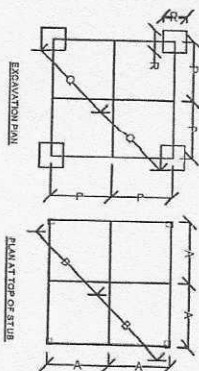
<p>Assam Electricity Grid Corporation Limited 1st Floor, Bijuas Bhawan Paltan Bazar, Guwahati - 781001, Assam, India</p>	
TITLE	FOUNDATION DRAWING
TOWER TYPE	132 KV DD+0
SOIL TYPE	FULLY SUBMERGED SOIL

- 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 CHINNEY AND 40 MM FOR BEAM.
 5. B/B AT TOP OF STUB SHALL BE AS PER THE STUB SETTING TEMPLATE.

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

DESCRIPTION	BS AT TOP OF STUB		EXCAVATION DIMENSIONS	
	A	B	P	Q
MINI TOWER +6.00	5352.15	7589.05	5932.5	8460.53
				5950

DIMENSION TABLE



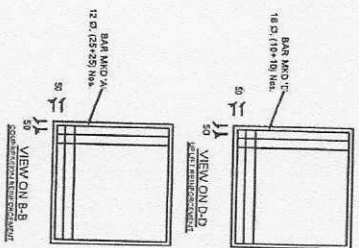
SCHEDULE OF REINFORCEMENT

BAR NO.	SHAPE	LENGTH (m)	No./LED	TOWER	UNIT WEIGHT (kg)	TOTAL WEIGHT (kg)
A	12	4.75	50	200	0.88	88.50
B	12	4.88	48	184	0.88	79.47
C	18	2.75	20	80	1.58	34.85
D1	25	3.75	4	16	3.85	22.22
D2	25	3.75	4	16	3.85	22.22
E	9	2.20	15	60	0.40	52.80
F	9	1.54	15	60	0.40	38.85
G	20	11.91	3	12	2.47	35.91
H	20	11.91	3	12	2.47	35.91
I	8	1.43	60	240	0.40	156.48
TOTAL WEIGHT TOWER						3416.53

- 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.

TOWER SLOPE
Tan B = 0.2038646
2 tan B = 0.4077292
Face = 1.02047254
Dev = 1.040541903

QUANTITIES PER TOWER
CONCRETE (M20)
EXCAVATION
REINFORCEMENT (Fe 500)



QUANTITY	UNIT	REMARKS
CONCRETE (M20)	M ³	11.99
EXCAVATION	M ³	11.99
REINFORCEMENT (Fe 500)	KG	3416.53
SOIL TYPE		FULLY SUBMERGED SOIL

Asstt. General Manager (C) / I/C
Silchar T & T Circle, AEGCL
Meherpur, Silchar-15

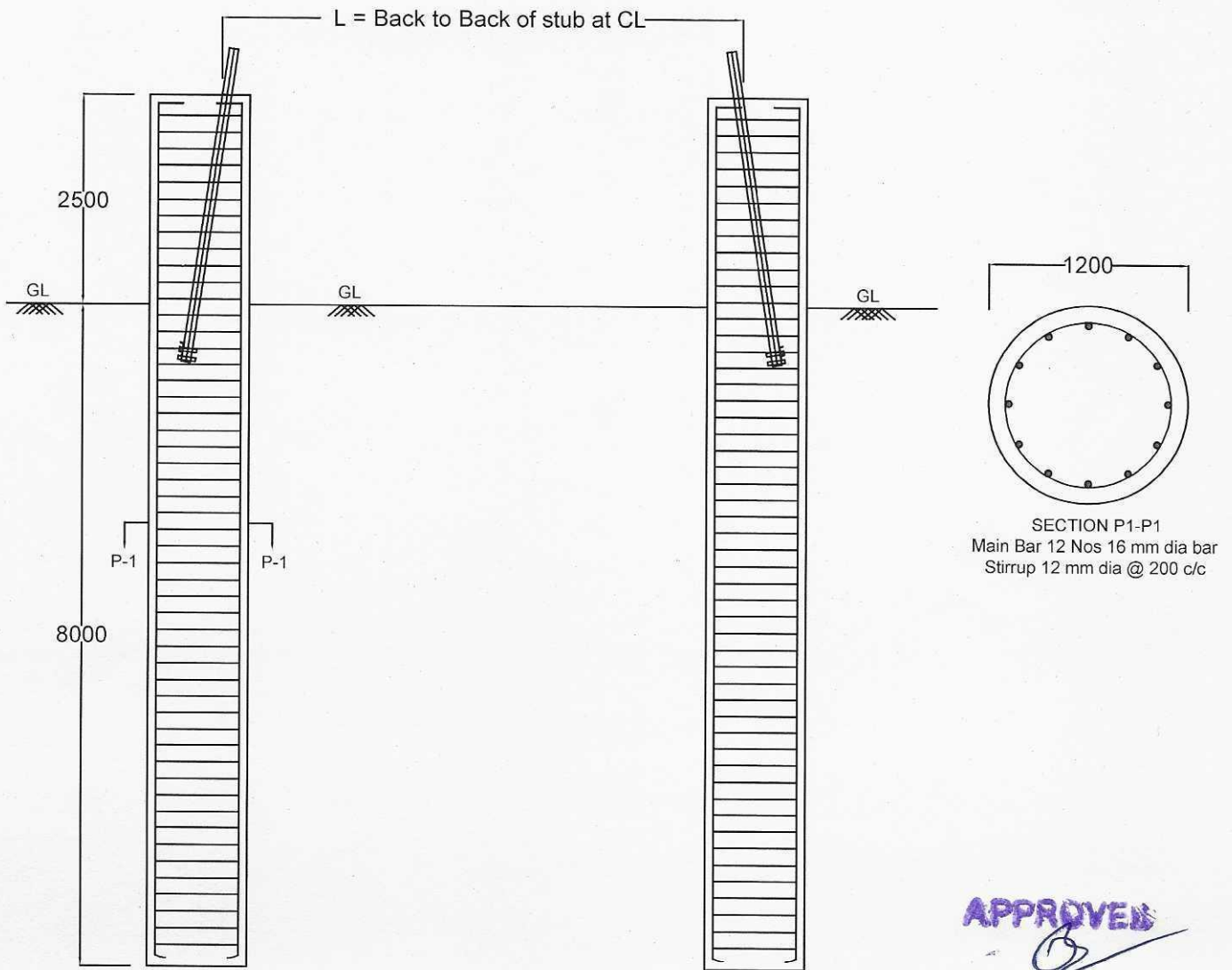
General Manager (C)
Datto M.D., AEGCL, Bijulee Bhawan
Patanbazar, Guwahati-1

TITLE	FOUNDATION DRAWING
TOWER TYPE	132 KV DD+6
SOIL TYPE	FULLY SUBMERGED SOIL



Assam Electricity Grid Corporation Limited
1st Floor, Bijulee Bhawan
Patan Bazar, Guwahati - 781001, Assam, India

Pile foundation at Loc.No. 102 (DD+18) & 103 (DD+12) for 132 KV SC Hailakandi-Dullavcherra Tr. Line



APPROVED

General Manager (C)
O/o the M.D., AEGCL, Bijuloo Bhawan,
Paltanbazar, Guwahati-1

FOR LEG-LEG DISTANCE PLEASE REFER STUB SETTING TEMPLATE

GRADE OF CONCRETE - M25
GRADE OF STEEL - Fe 500
6 MM STEEL LINER UPTO 8 M DEPTH FROM GL
GROUND LEVEL WILL BE AS PER SITE CONDITION
STUB SETTING WILL BE AS PER TOWER TYPE & DRAWING