

5353
27/10/17

No. 27/8/2017-For & Emt.
GOVERNMENT OF MANIPUR
SECRETARIAT: FORESTS & ENVIRONMENT DEPARTMENT

Imphal the 23rd October, 2017

To

The Additional Principal Chief Conservator of Forests (C),
North East Regional Office
Law-U-Sib, Lumbatagen near M.T.C. Workshop,
Shillong-793021,
Meghalaya.

**Subject: Submission of additional information for diversion of 18.414
ha forest land for proposed stringing of 132 KV 2nd Circuit
from Kakching to Churachandpur.**

Sir,

I am directed to send herewith a copy of letter No.7/187/2016/Forests/157 dated 27/09/2017 from the PCCF & HoFF, Government of Manipur and to furnish herewith the additional information for diversion of 18.414 ha forest land for stringing of 132 KV 2nd Circuit from Kakching to Churachandpur for further necessary action.

Yours faithfully,

Enclosed: - as above


(T. Manihar Singh)
Deputy Secretary (For. & Emt.)
Government of Manipur

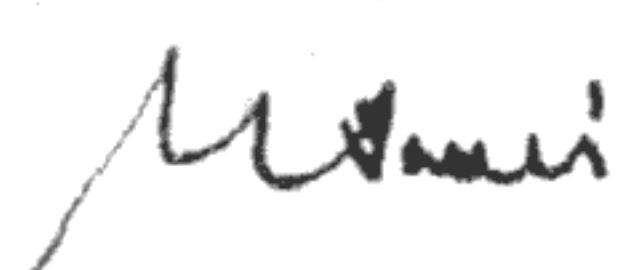
Copy to:-

- 1) Principal Chief Conservator of Forest, Manipur.
- 2) Managing Director, MSPCL, Imphal.

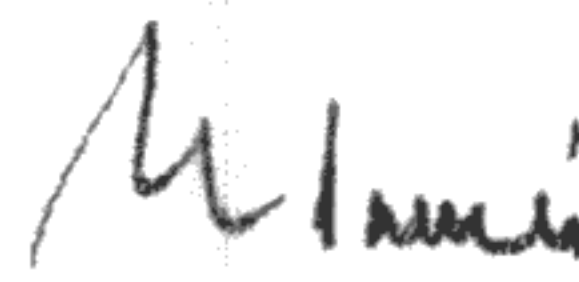
 27/10/17
AP/CFR Duhin
27/10/17
NO CREA
DA


**GPS co-ordinates of the proposed Stringing of 132 KV Transmission Line From Kakching to
Khengiang**

Tower no.	Latitude	Longitude		Tower no.	Latitude	Longitude
1	24° 28' 40.369" N	94° 0' 36.570" E		48	24° 25' 24.141" N	93° 54' 56.800" E
2	24° 28' 42.076" N	94° 0' 25.884" E		49	24° 25' 16.225" N	93° 54' 48.876" E
3	24° 28' 43.789" N	94° 0' 15.275" E		50	24° 25' 9.183" N	93° 54' 42.006" E
4	24° 28' 45.433" N	94° 0' 5.135" E		51	24° 25' 2.052" N	93° 54' 34.726" E
5	24° 28' 47.162" N	93° 59' 54.193" E		52	24° 24' 54.867" N	93° 54' 27.603" E
6	24° 28' 48.687" N	93° 59' 43.875" E		53	24° 24' 47.272" N	93° 54' 20.187" E
7	24° 28' 50.349" N	93° 59' 33.216" E		54	24° 24' 43.803" N	93° 54' 9.677" E
8	24° 28' 51.722" N	93° 59' 22.257" E		55	24° 24' 40.796" N	93° 54' 0.805" E
9	24° 28' 52.862" N	93° 59' 11.271" E		56	24° 24' 39.591" N	93° 53' 52.149" E
10	24° 28' 54.160" N	93° 59' 0.494" E		57	24° 24' 43.949" N	93° 53' 47.945" E
11	24° 28' 55.579" N	93° 58' 53.797" E		58	24° 24' 48.331" N	93° 53' 44.622" E
12	24° 28' 58.549" N	93° 58' 43.168" E		59	24° 24' 49.649" N	93° 53' 41.615" E
13	24° 29' 6.813" N	93° 58' 33.352" E		60	24° 24' 50.231" N	93° 53' 36.093" E
14	24° 29' 11.309" N	93° 58' 23.309" E		61	24° 24' 52.581" N	93° 53' 27.027" E
15	24° 29' 15.144" N	93° 58' 13.350" E		62	24° 24' 51.269" N	93° 53' 14.155" E
16	24° 29' 18.042" N	93° 58' 5.184" E		63	24° 24' 52.523" N	93° 53' 3.964" E
17	24° 29' 13.756" N	93° 57' 56.583" E		64	24° 24' 53.673" N	93° 52' 54.875" E
18	24° 29' 4.866" N	93° 57' 49.058" E		65	24° 24' 55.220" N	93° 52' 46.730" E
19	24° 28' 55.698" N	93° 57' 45.864" E		66	24° 24' 54.894" N	93° 52' 44.076" E
20	24° 28' 47.797" N	93° 57' 42.743" E		67	24° 24' 54.077" N	93° 52' 35.992" E
21	24° 28' 34.443" N	93° 57' 38.239" E		68	24° 24' 55.297" N	93° 52' 19.705" E
22	24° 28' 24.871" N	93° 57' 31.675" E		69	24° 24' 55.175" N	93° 52' 27.422" E
23	24° 28' 13.999" N	93° 57' 35.397" E		70	24° 24' 56.372" N	93° 52' 14.557" E
24	24° 28' 4.399" N	93° 57' 36.367" E		71	24° 24' 52.919" N	93° 52' 6.428" E
25	24° 27' 51.638" N	93° 57' 37.313" E		72	24° 24' 49.406" N	93° 52' 1.251" E
26	24° 27' 38.186" N	93° 57' 34.324" E		73	24° 24' 48.166" N	93° 51' 53.856" E
27	24° 27' 24.305" N	93° 57' 31.265" E		74	24° 24' 44.108" N	93° 51' 40.602" E
28	24° 27' 12.634" N	93° 57' 25.478" E		75	24° 24' 43.028" N	93° 51' 33.112" E
29	24° 27' 4.340" N	93° 57' 21.234" E		76	24° 24' 41.339" N	93° 51' 26.465" E
30	24° 26' 55.464" N	93° 57' 16.694" E		77	24° 24' 42.136" N	93° 51' 15.509" E
31	24° 26' 48.857" N	93° 57' 10.805" E		78	24° 24' 43.005" N	93° 51' 4.125" E
32	24° 26' 51.235" N	93° 56' 59.480" E		79	24° 24' 44.743" N	93° 50' 53.112" E
33	24° 26' 53.204" N	93° 56' 48.466" E		80	24° 24' 47.199" N	93° 50' 46.871" E
34	24° 26' 50.826" N	93° 56' 38.753" E		81	24° 24' 48.945" N	93° 50' 35.461" E
35	24° 26' 47.964" N	93° 56' 33.211" E		82	24° 24' 49.017" N	93° 50' 24.865" E
36	24° 26' 41.605" N	93° 56' 24.770" E		83	24° 24' 45.452" N	93° 50' 15.125" E
37	24° 26' 34.337" N	93° 56' 15.742" E		84	24° 24' 42.060" N	93° 50' 6.060" E
38	24° 26' 28.325" N	93° 56' 7.851" E		85	24° 24' 38.876" N	93° 49' 57.164" E
39	24° 26' 22.256" N	93° 55' 59.403" E		86	24° 24' 35.240" N	93° 49' 47.229" E
40	24° 26' 17.139" N	93° 55' 52.872" E		87	24° 24' 31.101" N	93° 49' 36.111" E
41	24° 26' 11.413" N	93° 55' 45.181" E		88	24° 24' 27.352" N	93° 49' 25.749" E
42	24° 26' 5.449" N	93° 55' 37.679" E		89	24° 24' 23.716" N	93° 49' 15.827" E
43	24° 25' 58.939" N	93° 55' 31.342" E		90	24° 24' 19.698" N	93° 49' 5.168" E
44	24° 25' 52.189" N	93° 55' 24.568" E		91	24° 24' 16.759" N	93° 48' 57.484" E
45	24° 25' 45.383" N	93° 55' 17.971" E		92	24° 24' 14.192" N	93° 48' 47.863" E
46	24° 25' 37.722" N	93° 55' 10.509" E		93	24° 24' 11.512" N	93° 48' 38.660" E
47	24° 25' 31.432" N	93° 55' 3.847" E		94	24° 24' 10.208" N	93° 48' 26.541" E

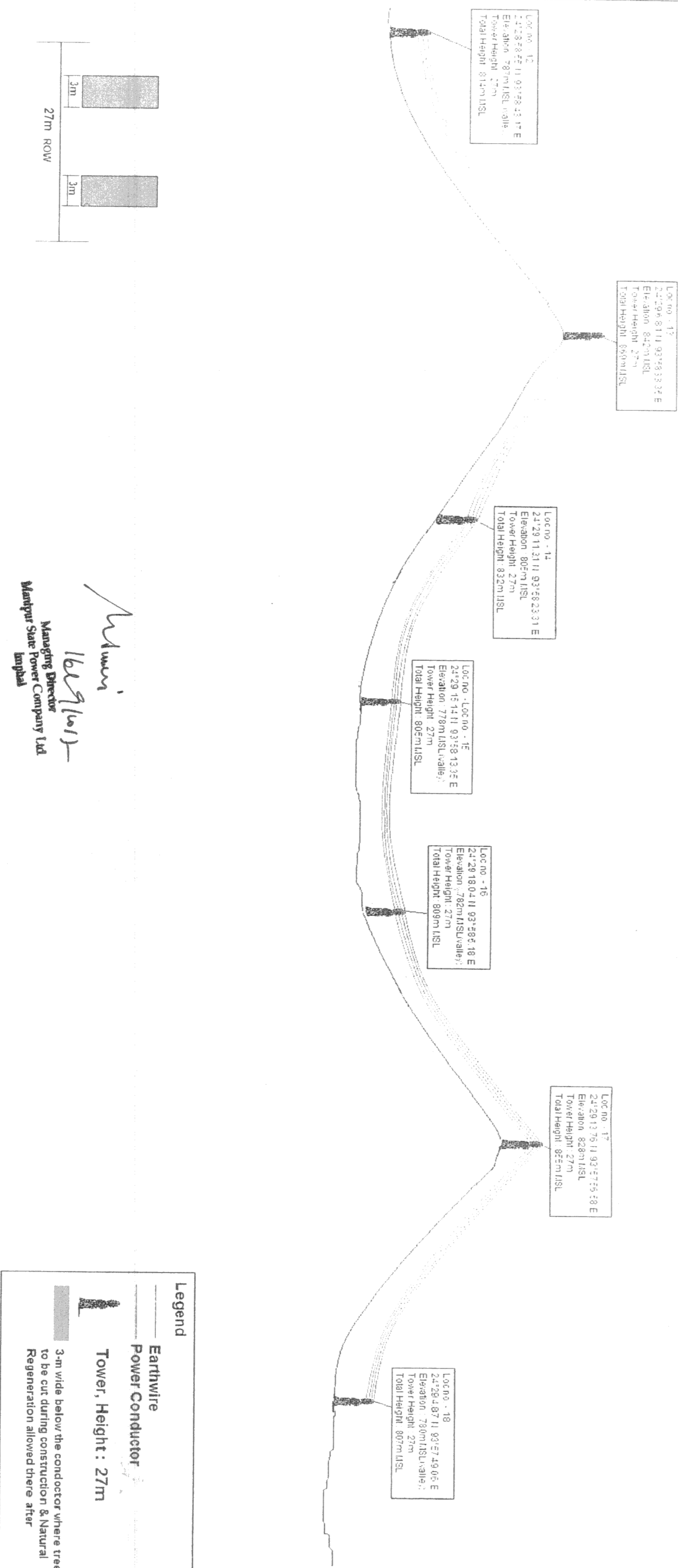

 Managing Engineer
 Manipur State Power Company Ltd.
 Imphal

Tower no.	Latitude	Longitude
95	24° 24' 9.535" N	93° 48' 20.008" E
96	24° 24' 7.359" N	93° 48' 6.478" E
97	24° 24' 6.354" N	93° 47' 56.119" E
98	24° 24' 4.737" N	93° 47' 45.220" E
99	24° 24' 7.064" N	93° 47' 34.599" E
100	24° 24' 9.406" N	93° 47' 24.697" E
101	24° 24' 11.847" N	93° 47' 13.748" E
102	24° 24' 14.075" N	93° 47' 4.393" E
103	24° 24' 17.824" N	93° 46' 55.818" E
104	24° 24' 16.723" N	93° 46' 47.625" E
105	24° 24' 18.248" N	93° 46' 42.662" E
106	24° 24' 24.383" N	93° 46' 27.413" E
107	24° 24' 24.914" N	93° 46' 14.591" E
108	24° 24' 25.489" N	93° 46' 4.654" E
109	24° 24' 25.928" N	93° 45' 55.338" E
110	24° 24' 26.251" N	93° 45' 45.433" E
111	24° 24' 26.773" N	93° 45' 35.255" E
112	24° 24' 27.472" N	93° 45' 24.823" E
113	24° 24' 27.892" N	93° 45' 14.248" E
114	24° 24' 29.787" N	93° 45' 3.743" E
115	24° 24' 31.541" N	93° 44' 53.210" E
116	24° 24' 32.958" N	93° 44' 44.493" E
117	24° 24' 29.949" N	93° 44' 34.646" E
118	24° 24' 26.726" N	93° 44' 24.416" E
119	24° 24' 24.476" N	93° 44' 16.973" E
120	24° 24' 23.045" N	93° 44' 11.576" E
121	24° 24' 20.393" N	93° 44' 3.276" E
122	24° 24' 16.351" N	93° 43' 49.010" E
123	24° 24' 13.395" N	93° 43' 39.536" E
124	24° 24' 12.311" N	93° 43' 27.567" E
125	24° 24' 4.735" N	93° 43' 12.879" E
126	24° 24' 1.851" N	93° 43' 4.179" E
127	24° 23' 57.179" N	93° 42' 53.773" E
128	24° 23' 47.705" N	93° 42' 44.317" E
129	24° 23' 37.607" N	93° 42' 34.076" E
130	24° 23' 30.992" N	93° 42' 27.443" E
131	24° 23' 28.048" N	93° 42' 27.356" E

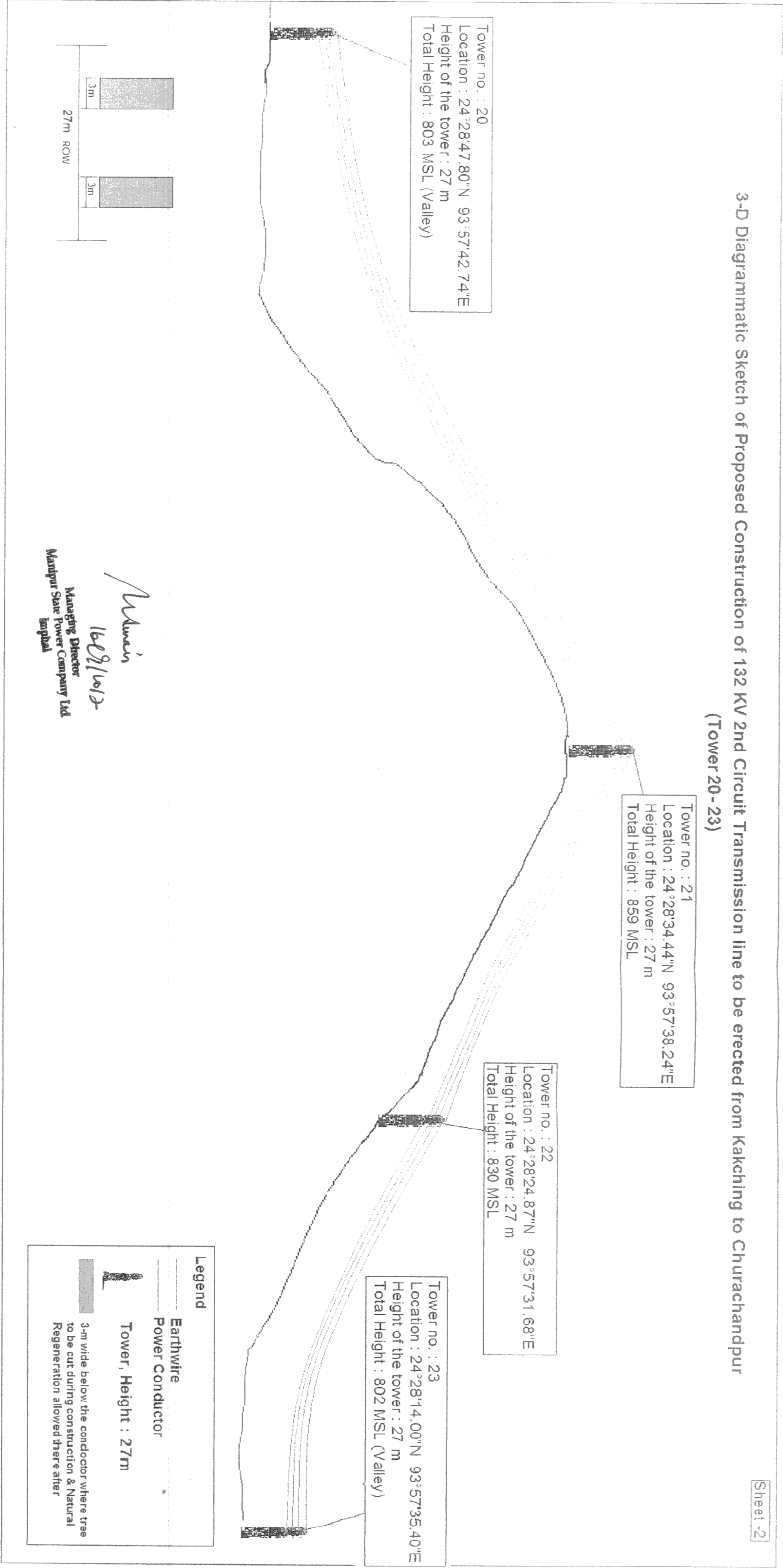

16/9/16/2
Managing Director
Manipur State Power Company Ltd.
Imphal

3-D Diagrammatic Sketch of Proposed Construction of 132 KV 2nd Circuit Transmission line to be erected from Kakching to Churachandpur

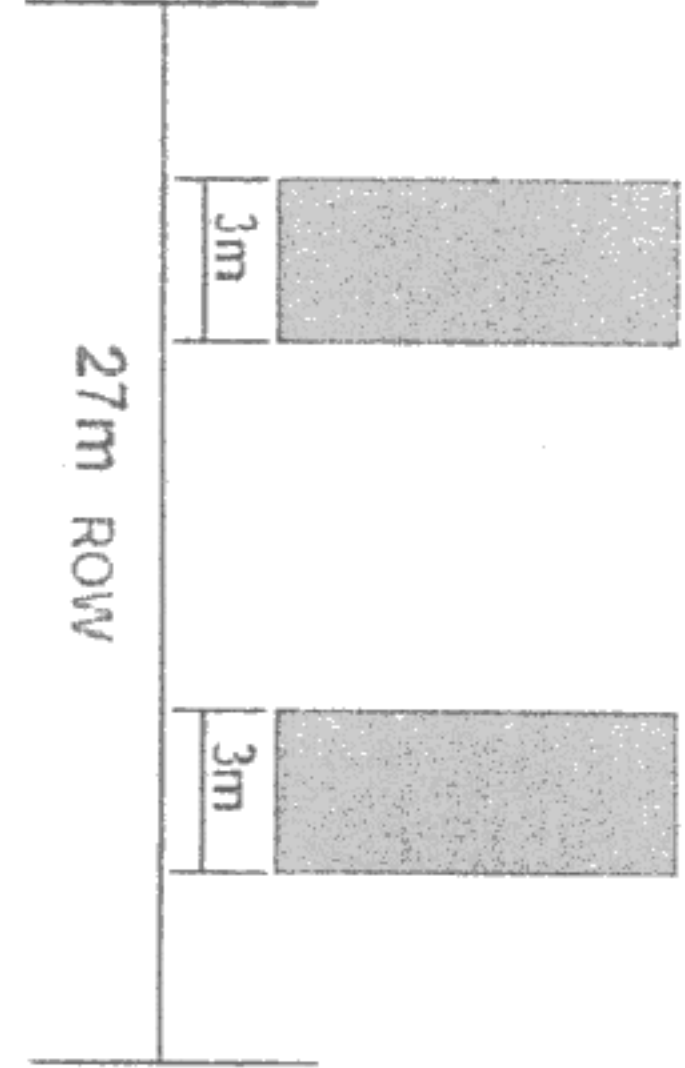
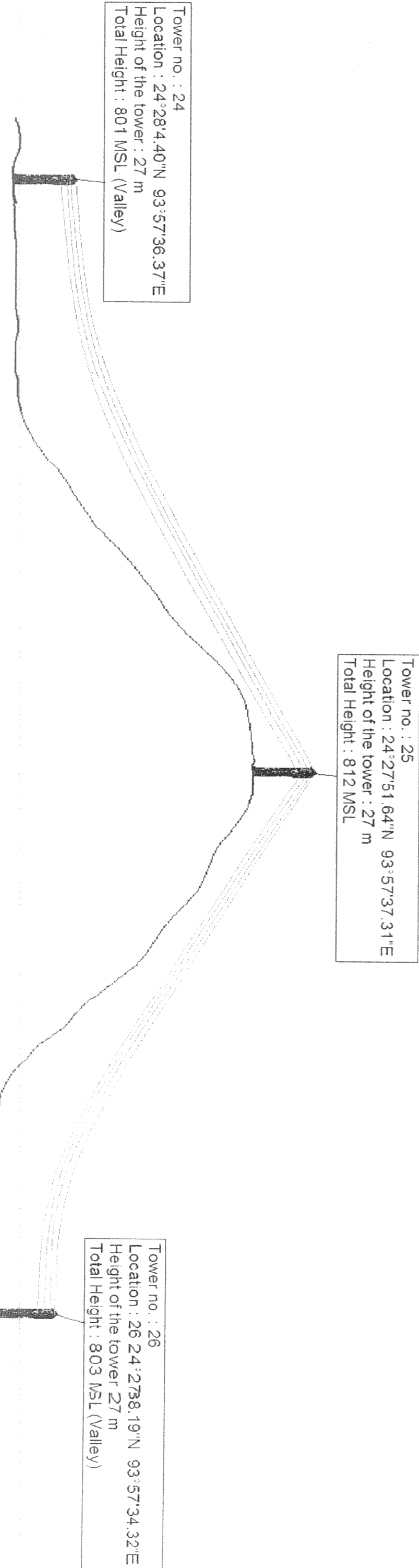
Sheet -1



3-D Diagrammatic Sketch of Proposed Construction of 132 KV 2nd Circuit Transmission line to be erected from Kakching to Churachandpur
(Tower 20 - 23)



3-D Diagrammatic Sketch of Proposed Construction of 132 KV 2nd Circuit Transmission line to be erected from Kakching to Churachandpur
(Tower no. 24-26)



M. M. M.
16/8/14
Managing Director
Manipur State Power Company Ltd.
Imphal

Legend

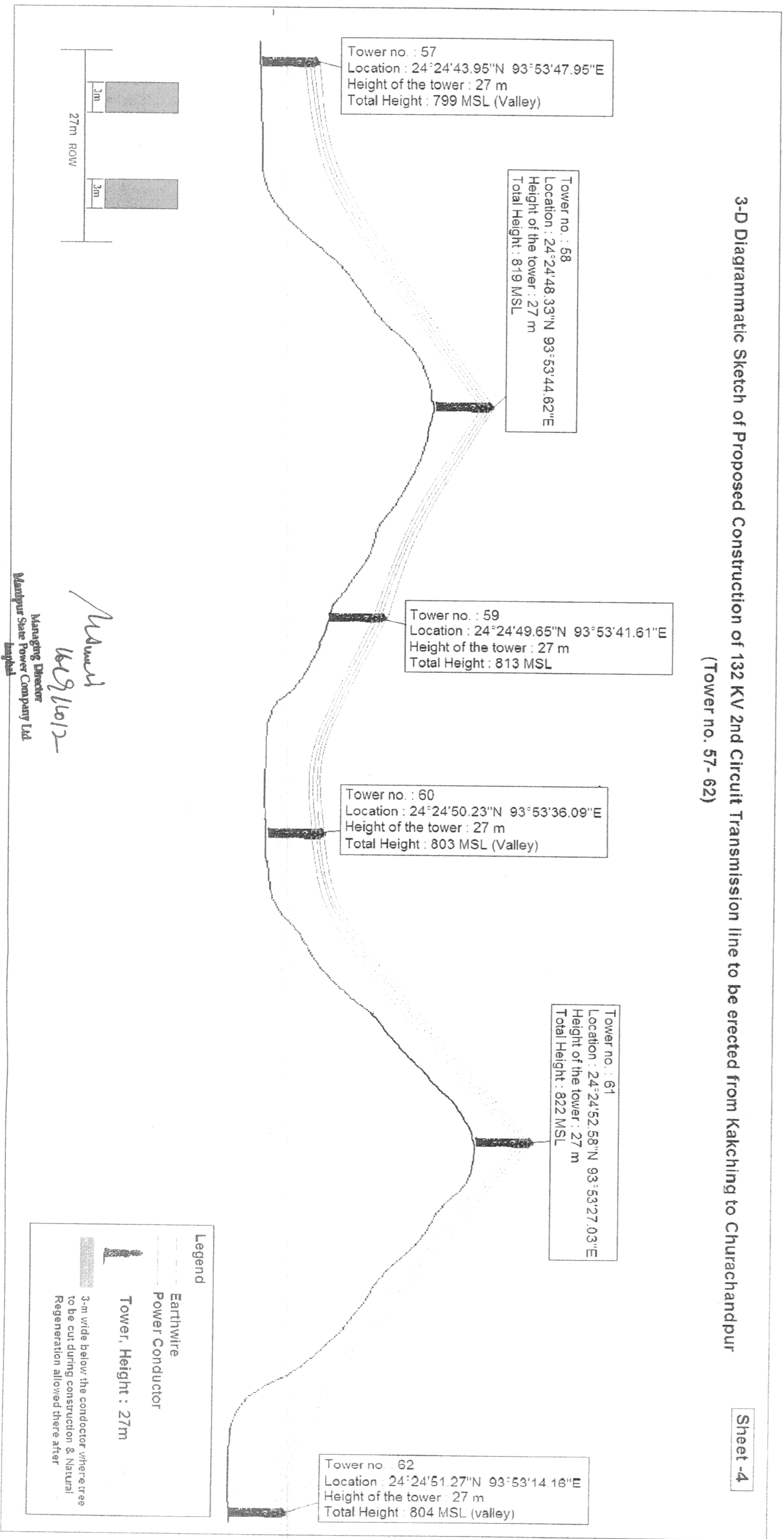
Earthwire
Power Conductor

Tower, Height : 27m

3-m wide below the conductor where tree to be cut during construction & Natural Regeneration allowed there after

3-D Diagrammatic Sketch of Proposed Construction of 132 KV 2nd Circuit Transmission line to be erected from Kakching to Churachandpur
(Tower no. 57- 62)

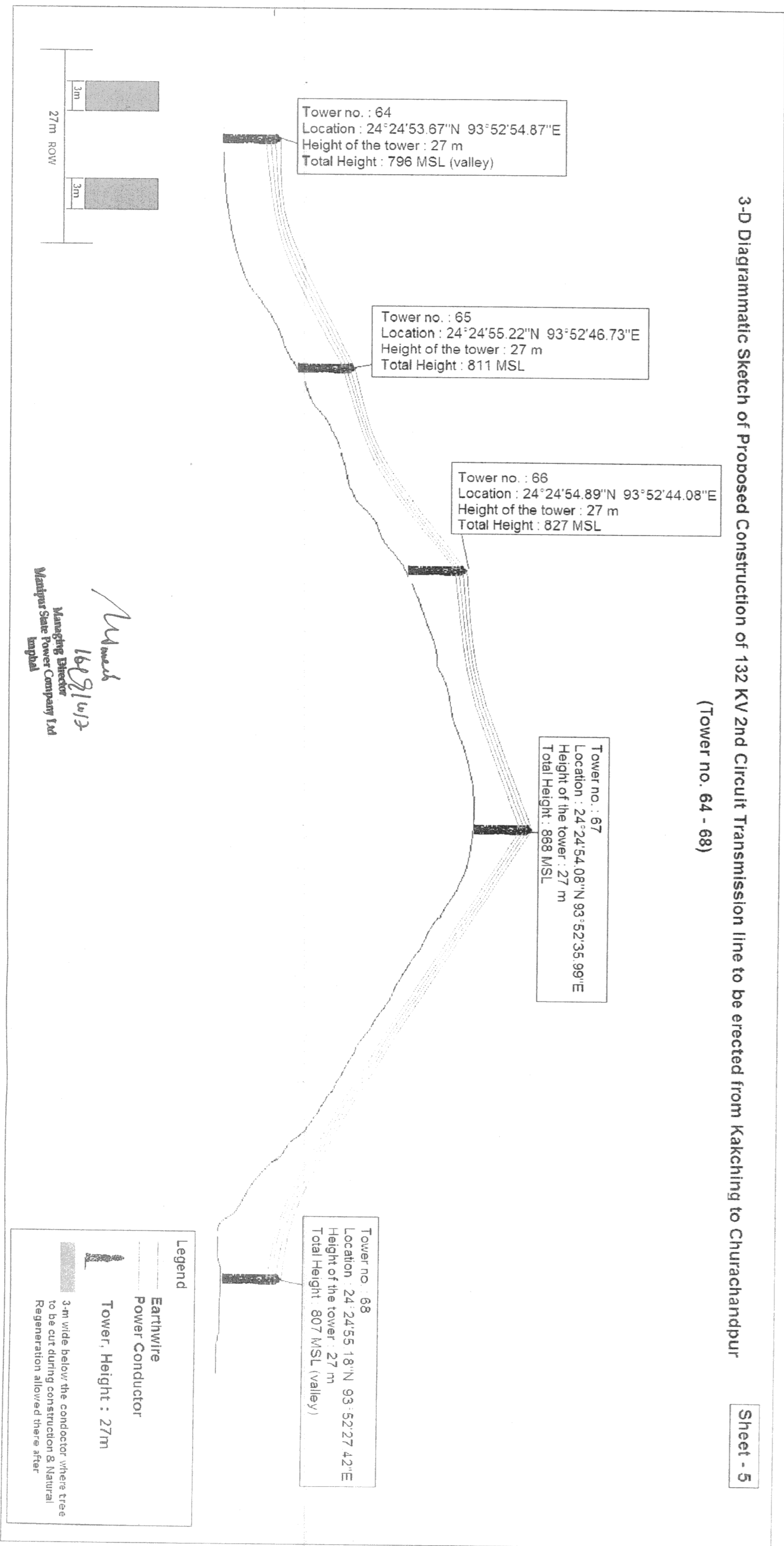
Sheet -4



3-D Diagrammatic Sketch of Proposed Construction of 132 KV 2nd Circuit Transmission line to be erected from Kakching to Churachandpur

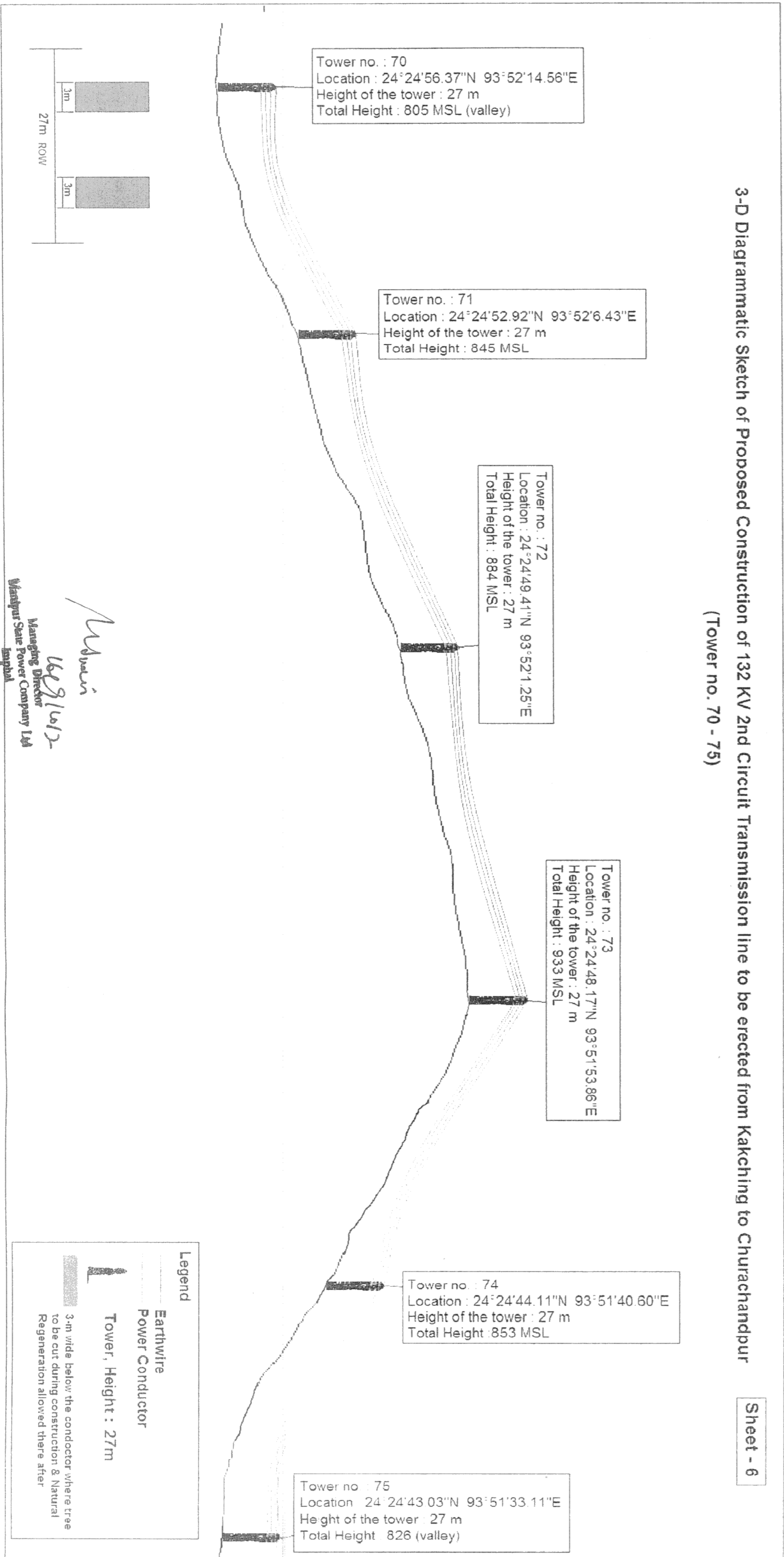
Sheet - 5

(Tower no. 64 - 68)



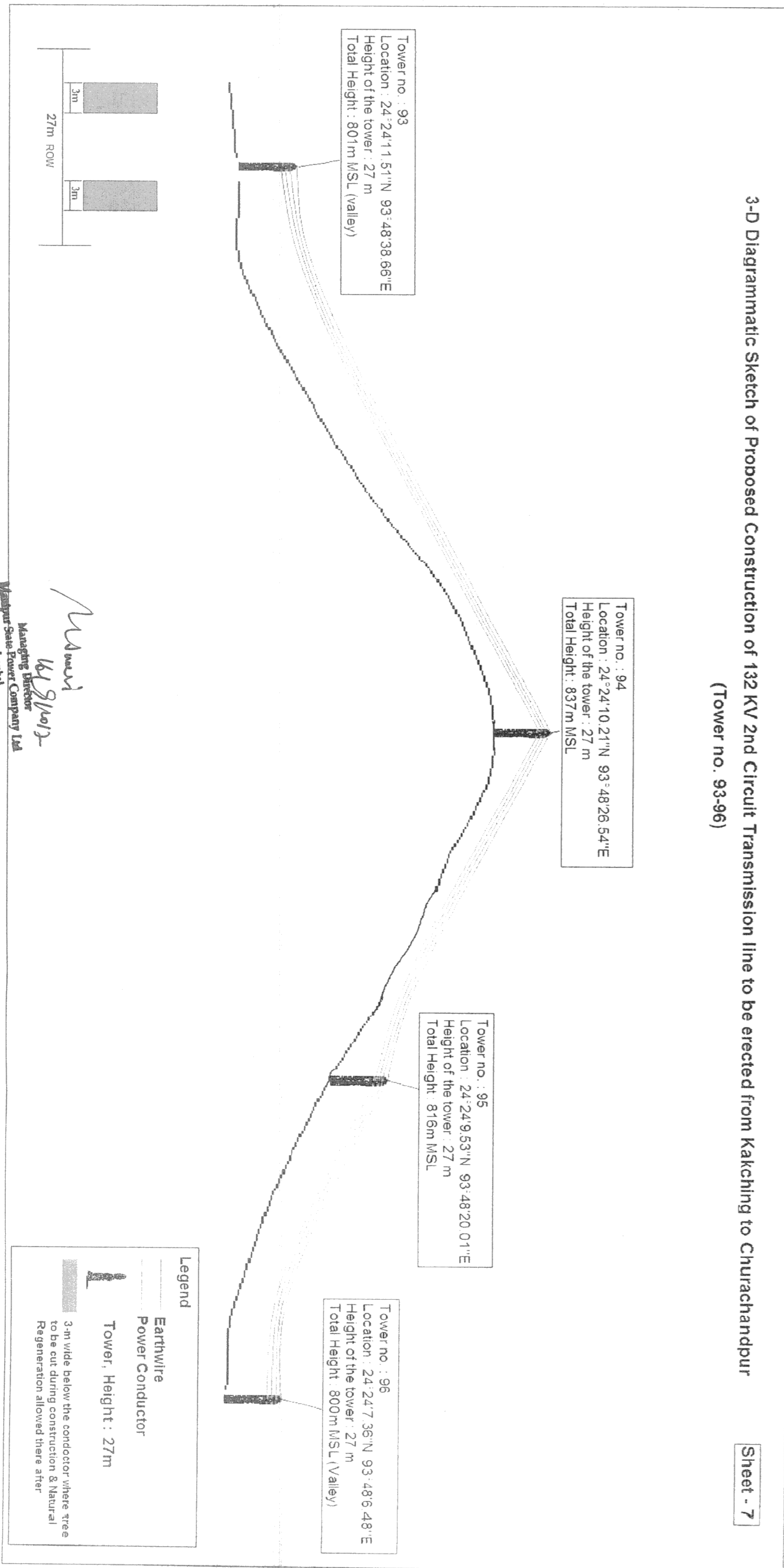
3-D Diagrammatic Sketch of Proposed Construction of 132 KV 2nd Circuit Transmission line to be erected from Kakching to Churachandpur
(Tower no. 70 - 75)

Sheet - 6



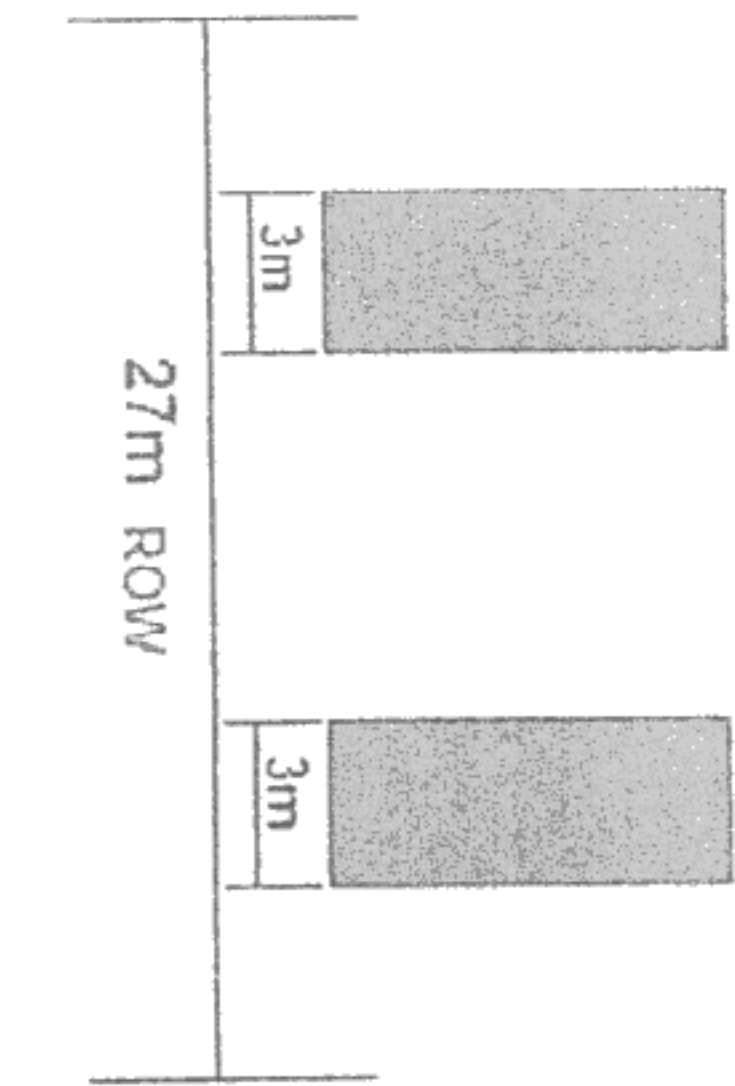
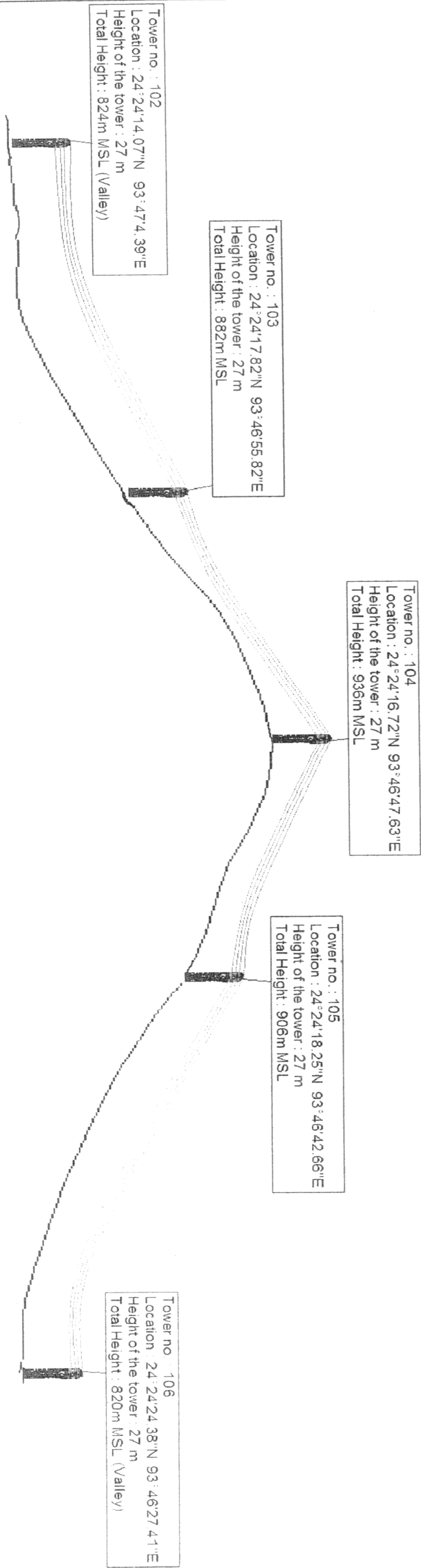
3-D Diagrammatic Sketch of Proposed Construction of 132 KV 2nd Circuit Transmission line to be erected from Kakching to Churachandpur
(Tower no. 93-96)

Sheet - 7



M. S. S. S.
16/8/2013
Managing Director
Manipur State Power Company Ltd
Imphal

3-D Diagrammatic Sketch of Proposed Construction of 132 KV 2nd Circuit Transmission line to be erected from Kakching to Churachandpur
(Tower no. 102-106)



Mdwarin
16/09/2013
Managing Director
Manipur State Power Company Ltd
Imphal

Legend

Earthwire

Power Conductor

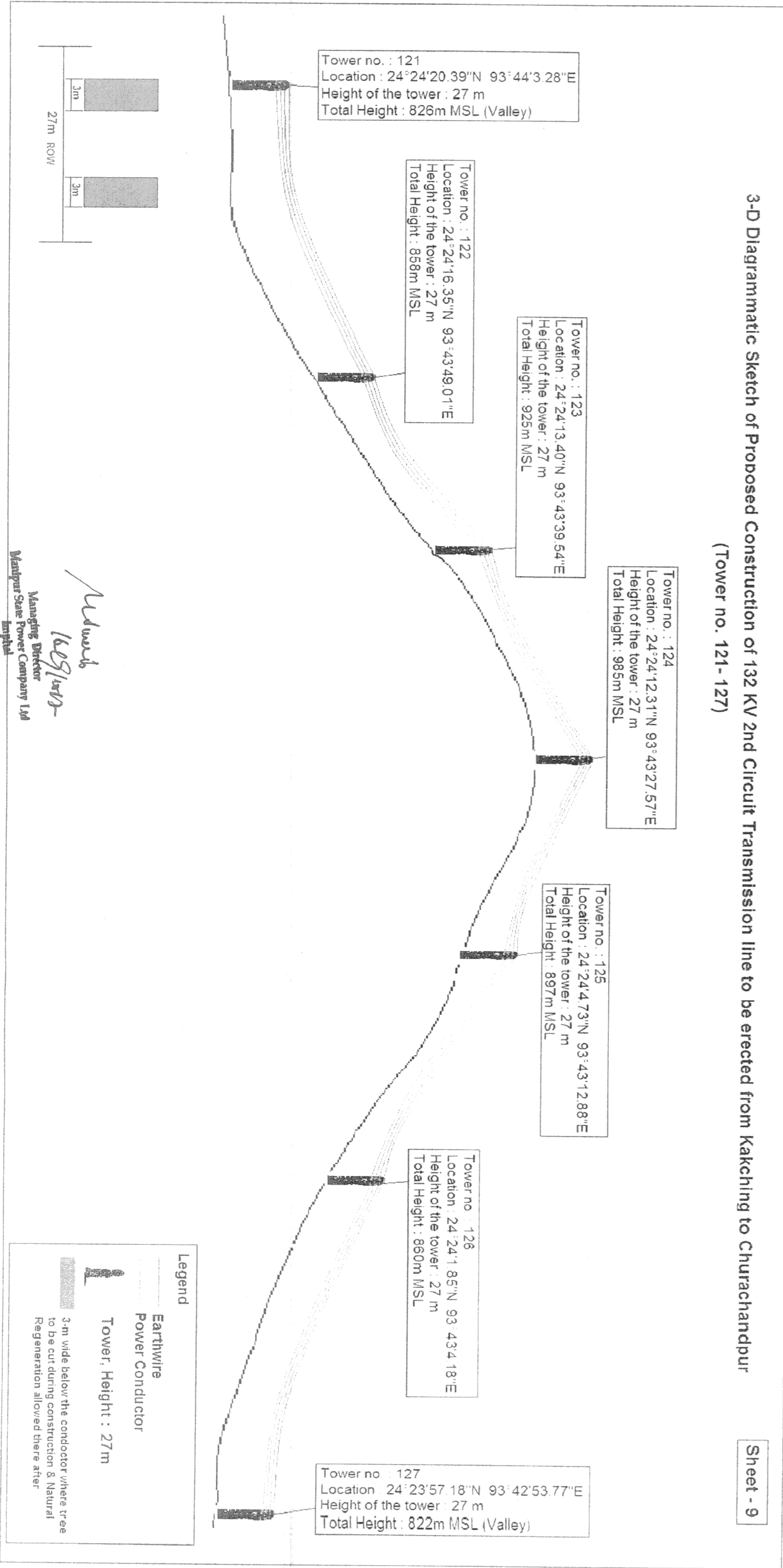
Tower, Height : 27m

3-m wide below the conductor where tree to be cut during construction & Natural Regeneration allowed there after

3-D Diagrammatic Sketch of Proposed Construction of 132 KV 2nd Circuit Transmission line to be erected from Kakching to Churachandpur

(Tower no. 121-127)

Sheet - 9



UNDERTAKING

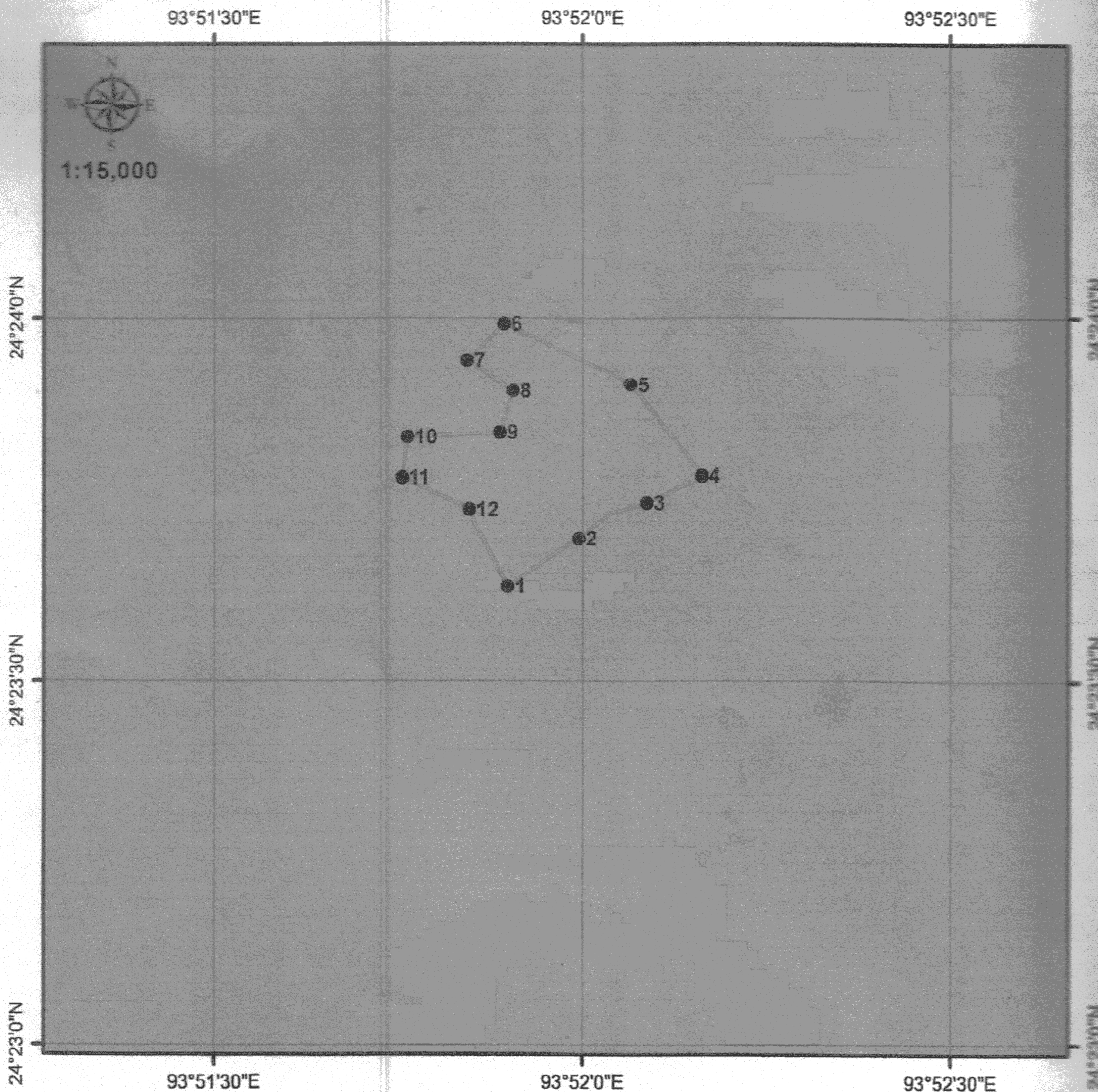
I, on behalf of Manipur State Power Company Limited Manipur, do hereby undertake to bear the cost of **Additional Net Present Value** in connection with the proposal for diversion of 18.414 ha. of forest land for the **Construction of 132 kV 2nd Circuit transmission line to be erected from Kakching to Churachandpur in Thoubal and Churachandpur Districts, Manipur** under the Forest (Conservation) Act, 1980 as per guidelines adopted by the Forest Department/ the Ministry of Environment & Forest, Government of India.

N. Sarat Singh 16/9/2012
(N. Sarat Singh)
Managing Director
MSPC Manipur
Manipur State Power Company Ltd
Imphal

9 Seta

V

**Geo-reference Map of Proposed CA Site for Diversion of 18.414 ha. of Forest Land
for Construction of 132 KV 2nd Circuit Transmission line
to be erected from Kakching to Churachandpur (Thoubal Forest Division Part)**



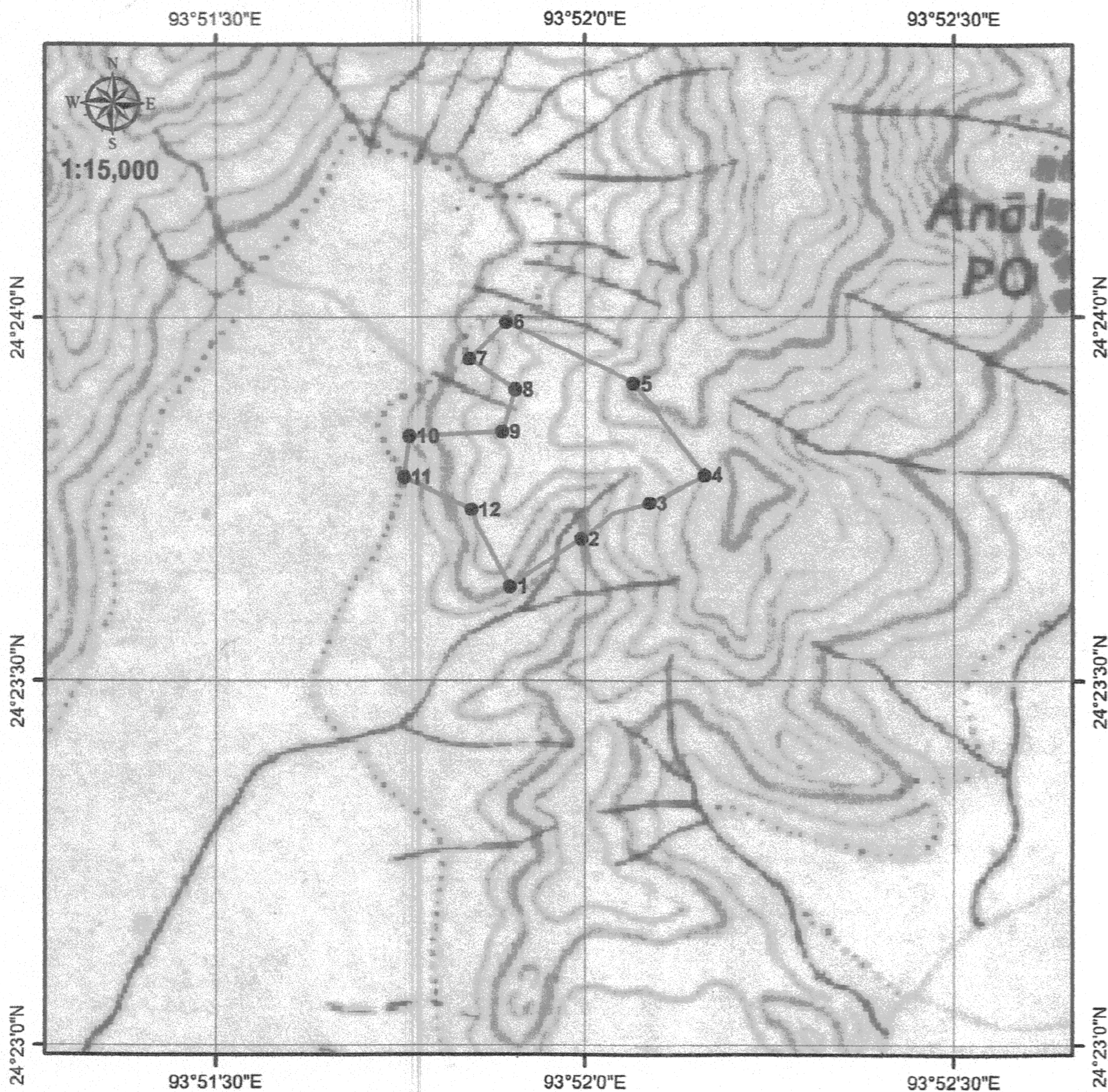
GPS Points	Latitude	Longitude
1	24° 23' 37.864" N	93° 51' 53.861" E
2	24° 23' 41.759" N	93° 51' 59.692" E
3	24° 23' 44.729" N	93° 52' 5.176" E
4	24° 23' 46.946" N	93° 52' 9.688" E
5	24° 23' 54.500" N	93° 52' 3.894" E
6	24° 23' 59.560" N	93° 51' 53.540" E
7	24° 23' 56.515" N	93° 51' 50.539" E
8	24° 23' 53.978" N	93° 51' 54.289" E
9	24° 23' 50.559" N	93° 51' 53.237" E
10	24° 23' 50.194" N	93° 51' 45.661" E
11	24° 23' 46.816" N	93° 51' 45.236" E
12	24° 23' 44.168" N	93° 51' 50.704" E

Legend

- GPS Points
- Proposed CA Site, Area : 22 Ha.
- MODERATELY DENSE FOREST
- SCRUB
- OPEN FOREST

Name of the Center : Thongam Mondum
Area : 22 Ha.
Block & Compt. no. : Mondum - 4 & 7 (RF)
Range : Kakching
Division : Thoubal Forest Division

**Map Showing Proposed CA Site for Diversion of 18.414 ha. of Forest Land
for Construction of 132 KV 2nd Circuit Transmission line
to be erected from Kakching to Churachandpur (Thoubal Forest Division Part)**



GPS Points	Latitude	Longitude
1	24° 23' 37.864" N	93° 51' 53.861" E
2	24° 23' 41.759" N	93° 51' 59.692" E
3	24° 23' 44.729" N	93° 52' 5.176" E
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11	24° 23' 46.816" N	93° 51' 45.236" E
12	24° 23' 44.168" N	93° 51' 50.704" E

Legend

- GPS Points
- Proposed CA Site, Area : 22 Ha.

Name of the Center : Thongam Mondum
Area : 22 Ha.
Block & Compt. no. : Mondum - 4 & 7 (RF)
Range : Kakching
Division : Thoubal Forest Division

[Signature]
Divisional Forest Officer
Thoubal Forest Division
Government of Manipur

**132 KV SINGLE CIRCUIT TRANSMISSION LINE WITH PROVISION
FOR DOUBLE CIRCUIT FROM KAKCHING TO CHURACHANPUR ON TURN KEY BASIS**

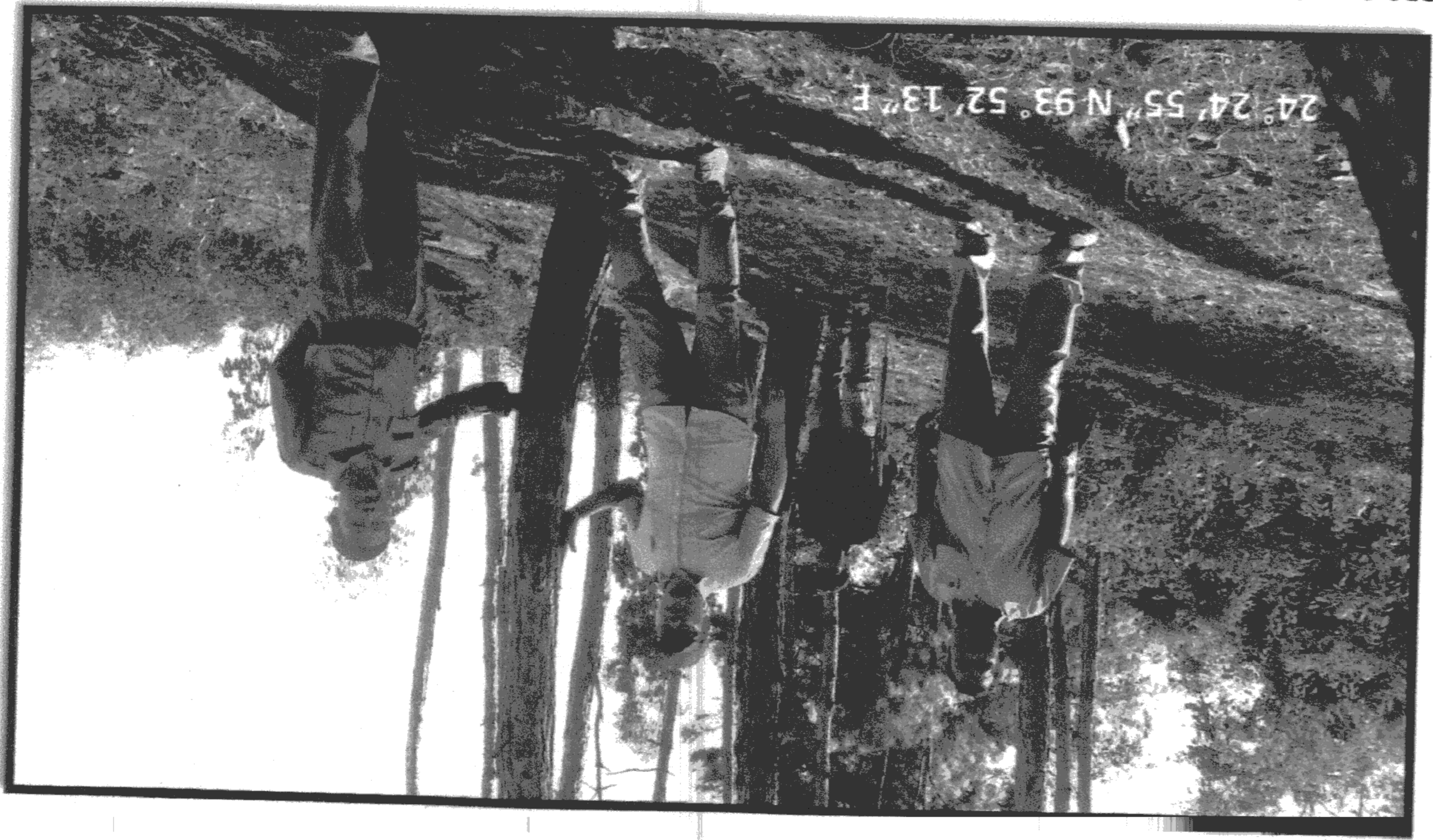
(Compartment No. of proposed diversion site)

	BLOCK	NAME	COMPT_NO	AREA
Thoubal	MONDUM	Thongam Mondum RF	2	2.574604
	MONDUM	Thongam Mondum RF	5	2.191455
	MONDUM	Thongam Mondum RF	6	2.027616
	CHARANGCHING		1	2.630767
	CHARANGCHING		2	1.510559
			Total	10.935


 (R.K. Amarjit Singh)
 Divisional Forest Officer
 Thoubal Forest Division

Divisional Forest Officer
 Thoubal Forest Division
 Government of Manipur

Construction of 132 KV 2nd Circuit Transmission line to be erected from Kakching to Churachandpur



GPS Coordinates and photographs of tree enumeration with trees marked in red colour and serially numbered. DFO revisiting the site.



CA site re-inspected by DFO and ACF

Divisional Forest Officer
Division

PHOTOGRAPHS TAKEN AT THE CENTRE OF CA SITE FROM A SINGLE POINT



Towards the East

CA SITE AT THONGAM MONDUM WITH AN AREA OF 22 HA



Towards the North



Towards the South



Towards the West