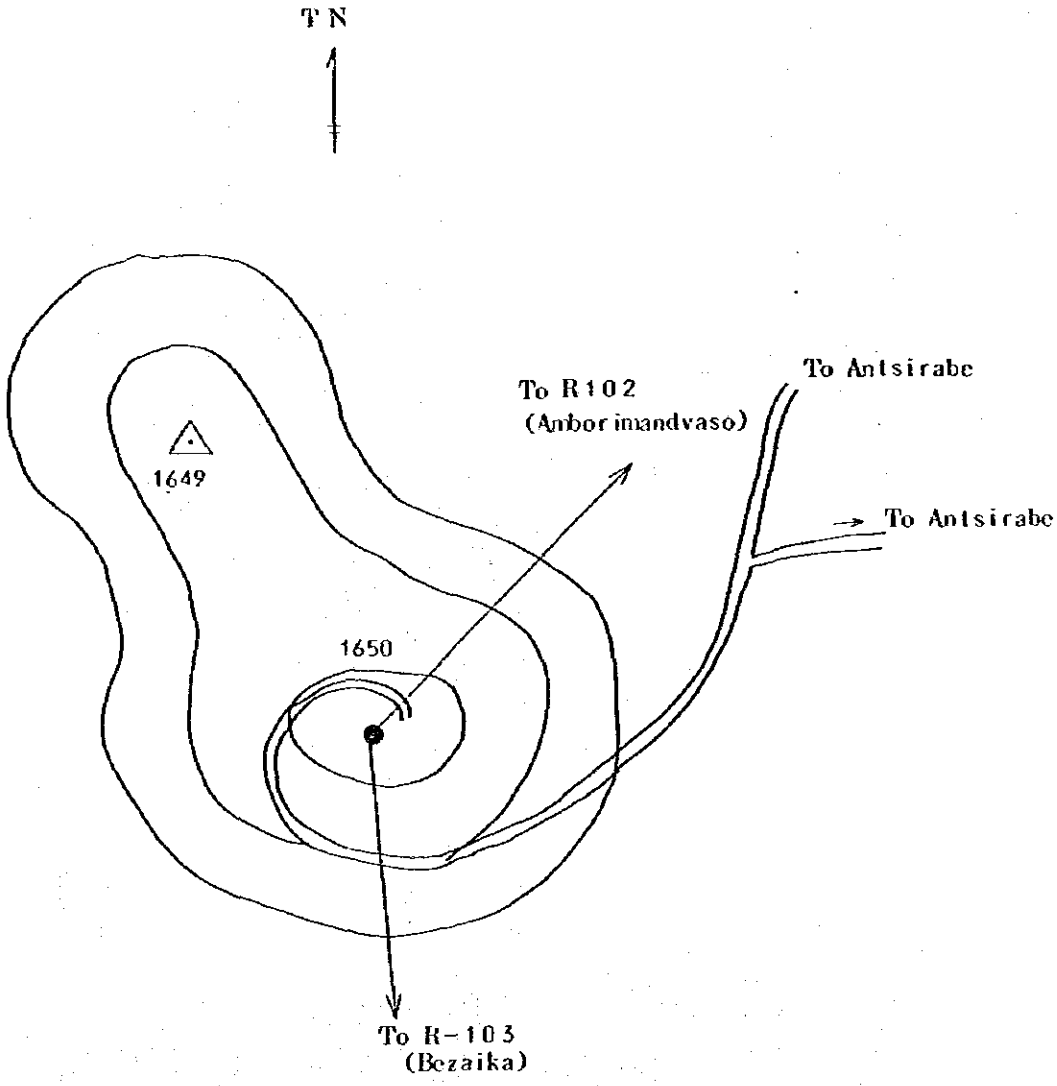


1) Site T-104

Cut-down of trees and leveling of land will be needed.

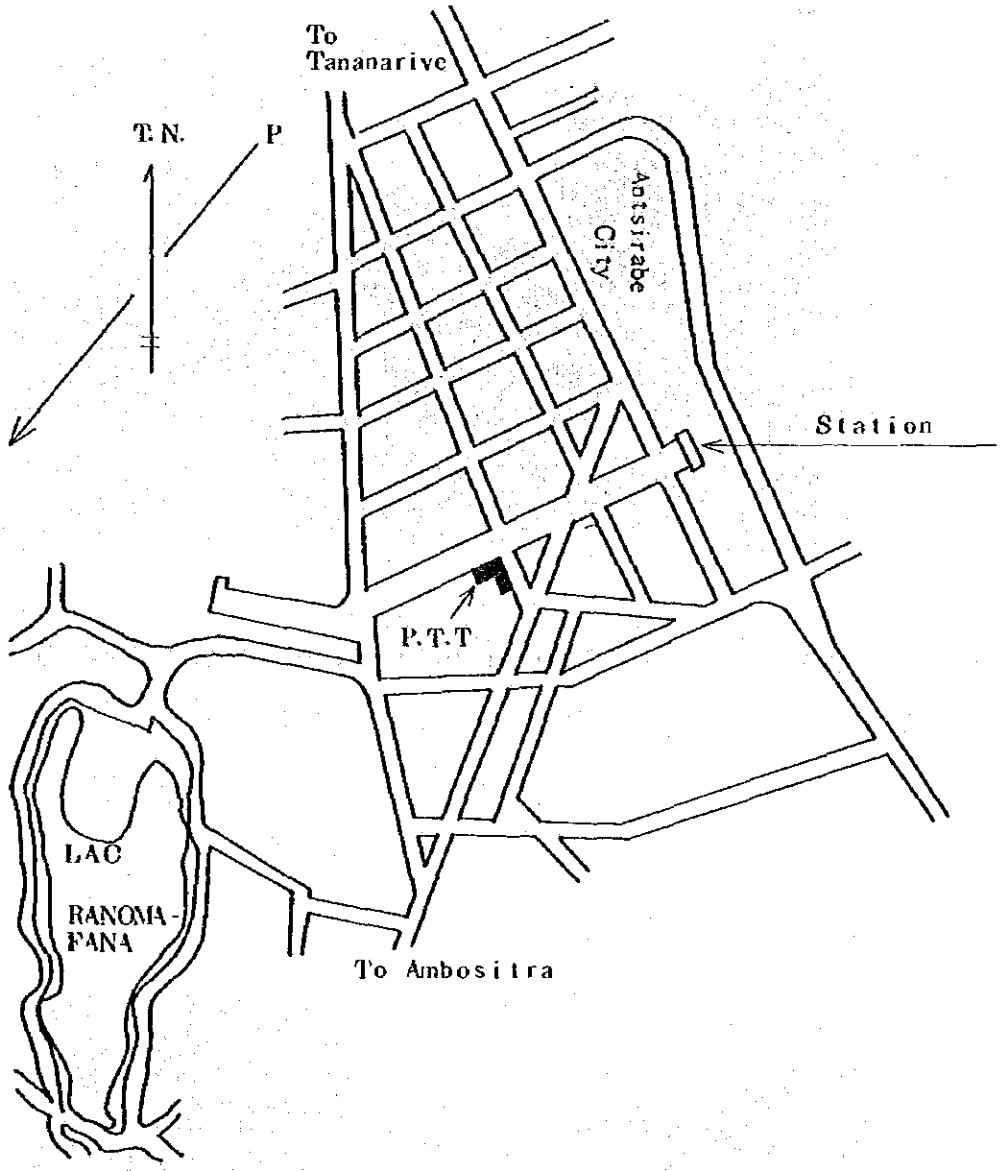
2) Access Road

Existing up to the proposed site.

3) Entrance

From T-104 to PTT building in Antsirabe city, cable route will be set.

Attached DWG. 4-1-16 Guide Map of T-104 (Ivohitra)



1) Site T-105

Under construction.

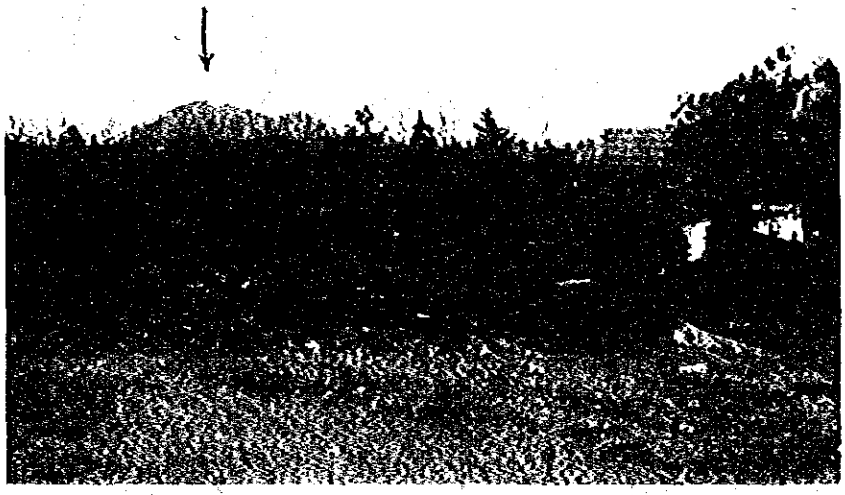
2) Access Road

Nil.

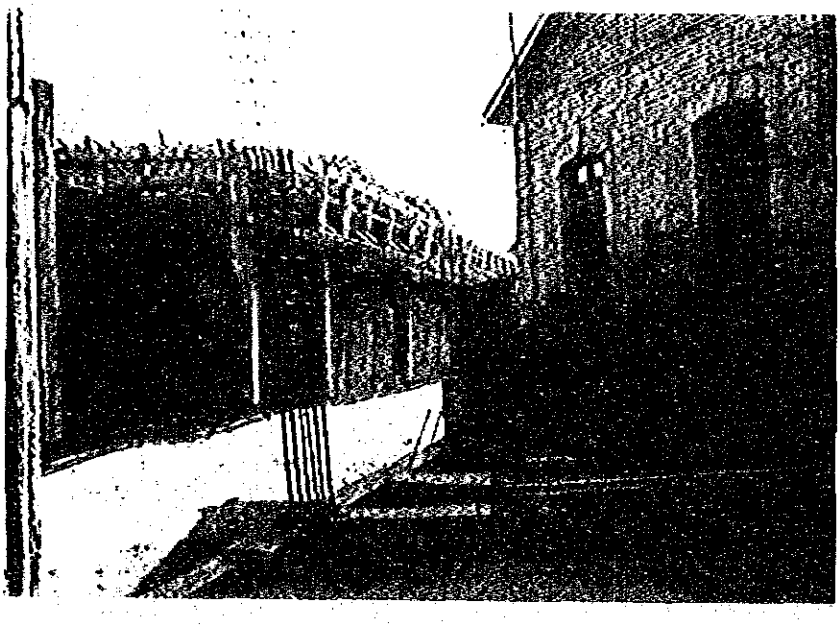
Attached DWG. 4-1-17 Guide Map of T-105 (Antsirabe)

Attached DWG. 4-1-18 A Distant View of R-102 (Ambohimandraso) from T-104 (Ivohitra)

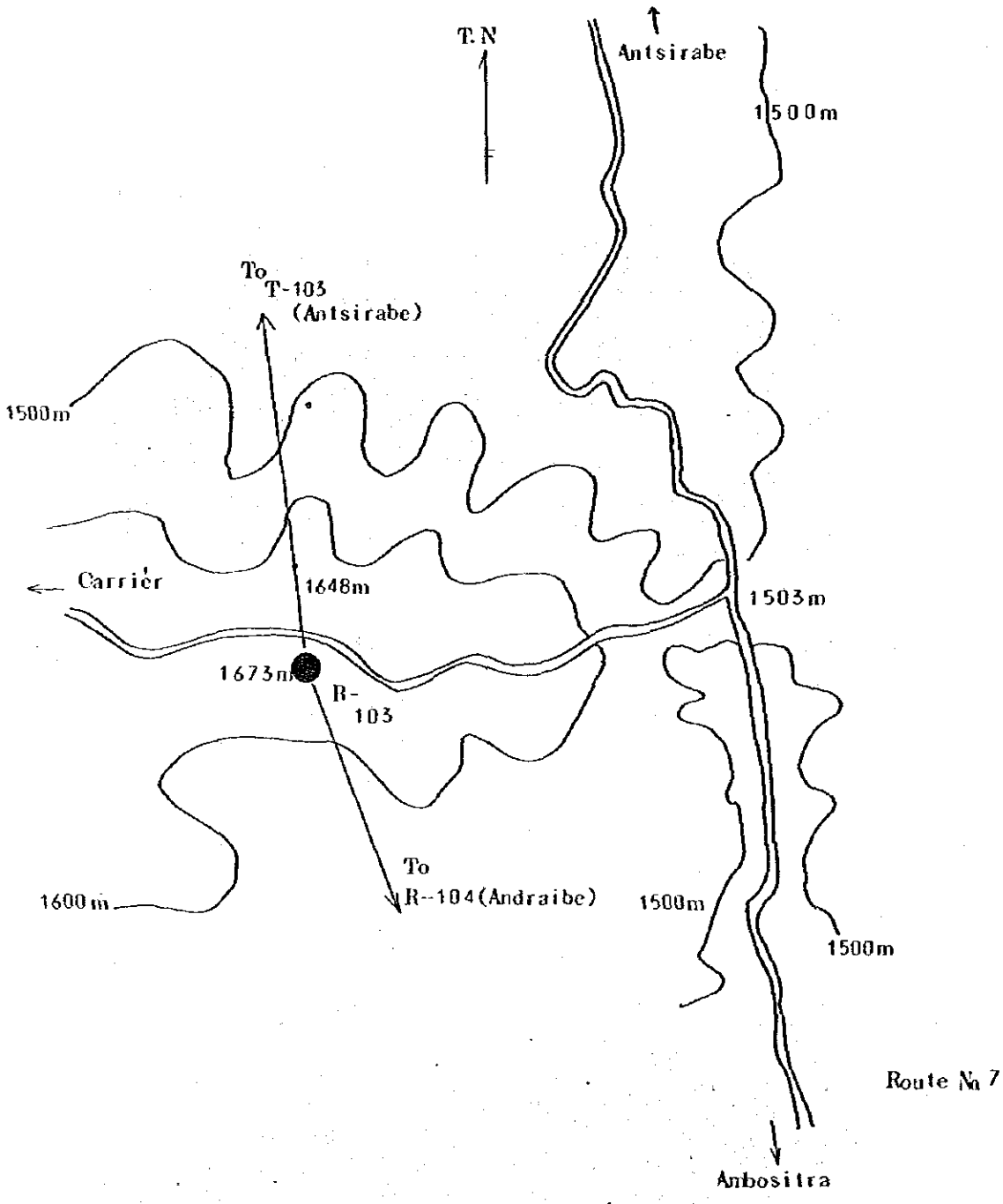
Attached DWG. 4-1-19 A Distant View of R-103 (Bezaika) from T-104 (Ivohitra)



Attached DWG. 4-1-20 A Distant View of T-104 (Ivohitra) from Suburbs of Antsirabe City



Attached DWG. 4-1-21 T-105 (Antsirabe) Station under Construction



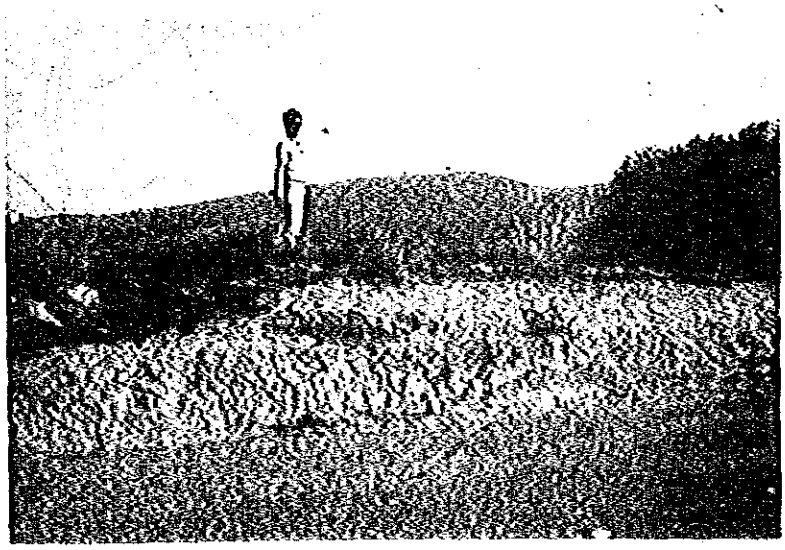
1) Site R-103

Small herb grows now.

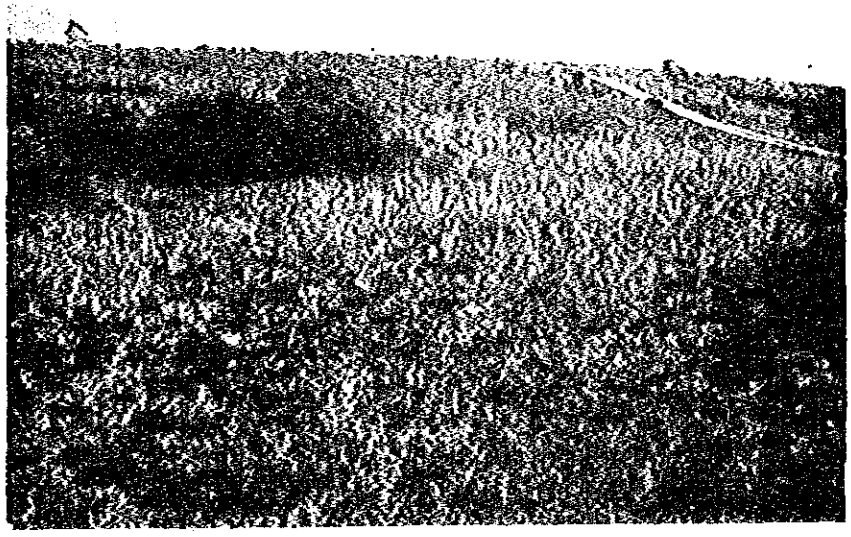
2) Access Road

About 50 m

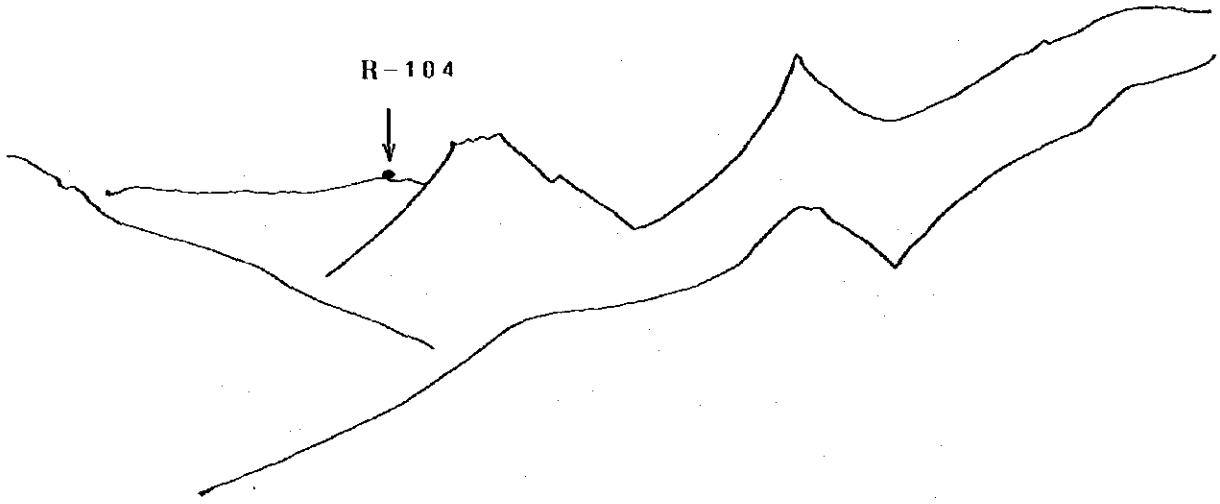
Attached DWG. 4-1-22 Guide Map of R-103 (Bezaika)



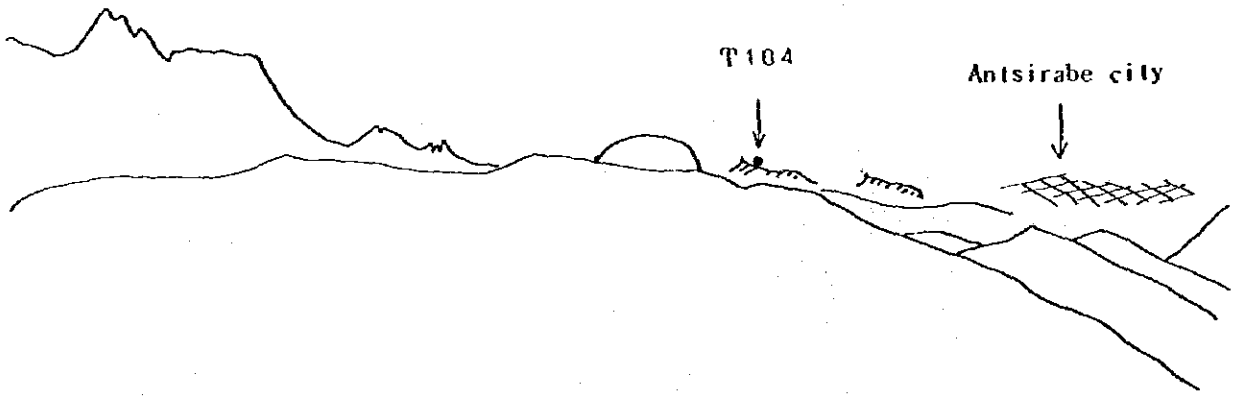
Attached DWG. 4-1-23 A Distant View of R-103 (Bezaika)
on the Way to R-103 from No.7
National Road



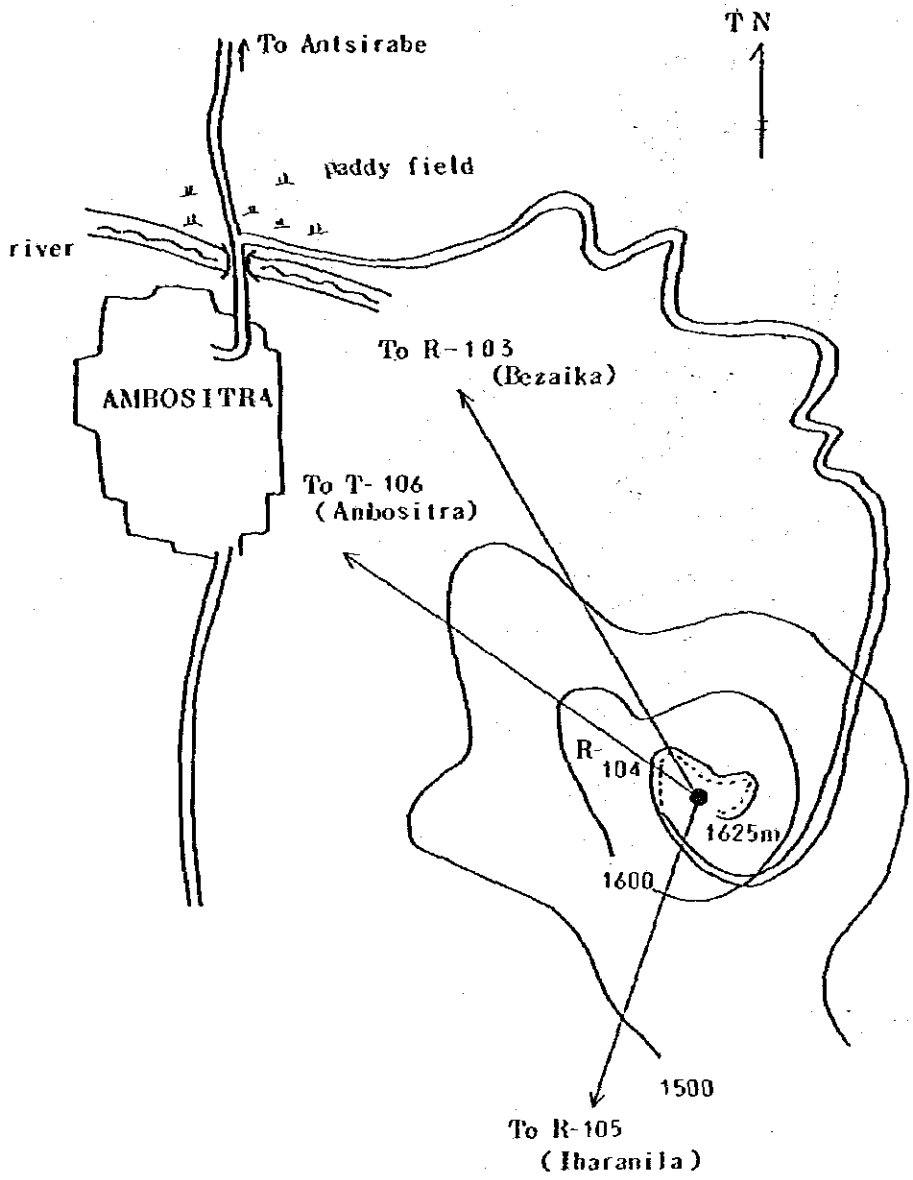
Attached DWG. 4-1-24 Site Snap of R-103 (Bezaika)
Existing road to a mine is passing by.



Attached DWG. 4-1-25 A Distant View of R-104 (Andraibe) from R-103 (Bezaika)



Attached DWG. 4-1-26 A Distant View of T-104 (Ivohitra) from R-103 (Bezaika)



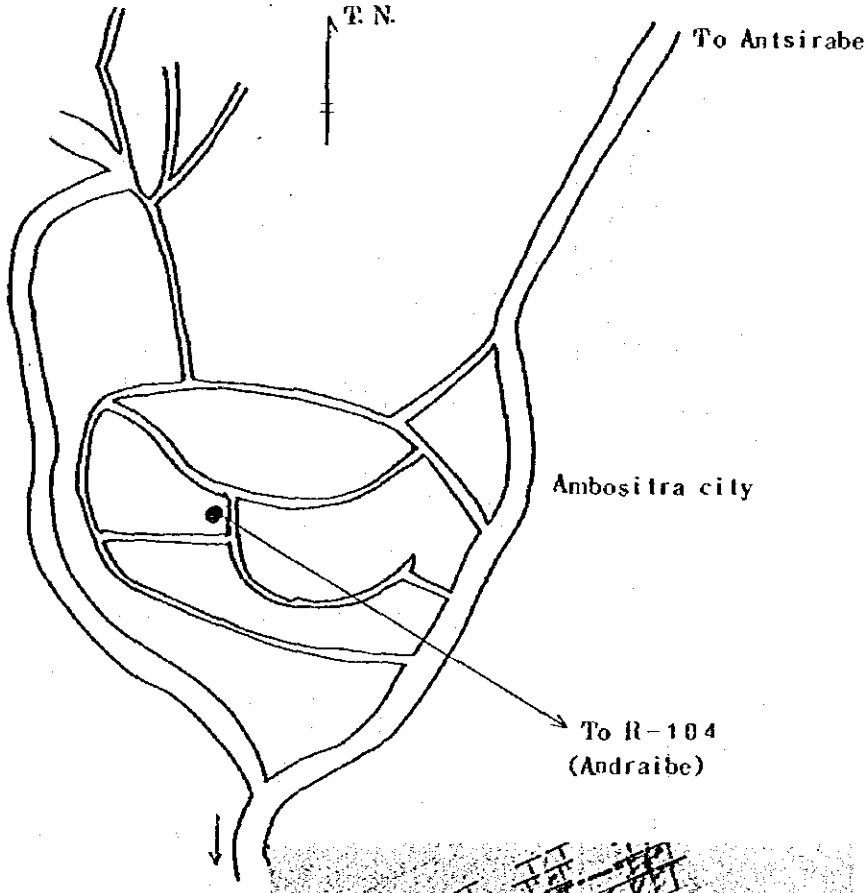
1) Site R-104

Trees surrounding proposed site in the direction of R-105 should be cut.

2) Access Road

Near the top of the mountain, slight correction will be necessary (1 km).

Attached DWG. 4-1-27 Guide Map of R-104 (Andraibe)



1) Site T-106

Existing

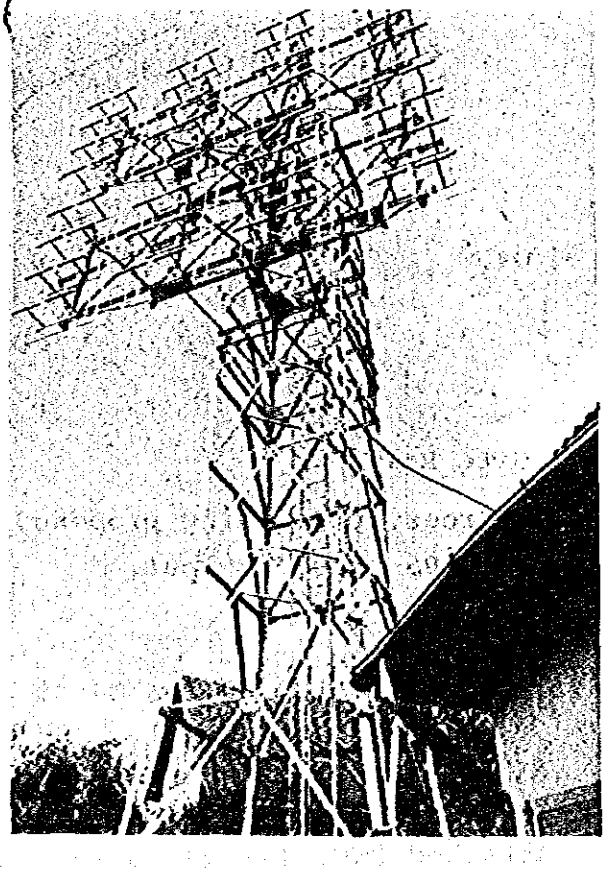
2) Access Road

Nil.

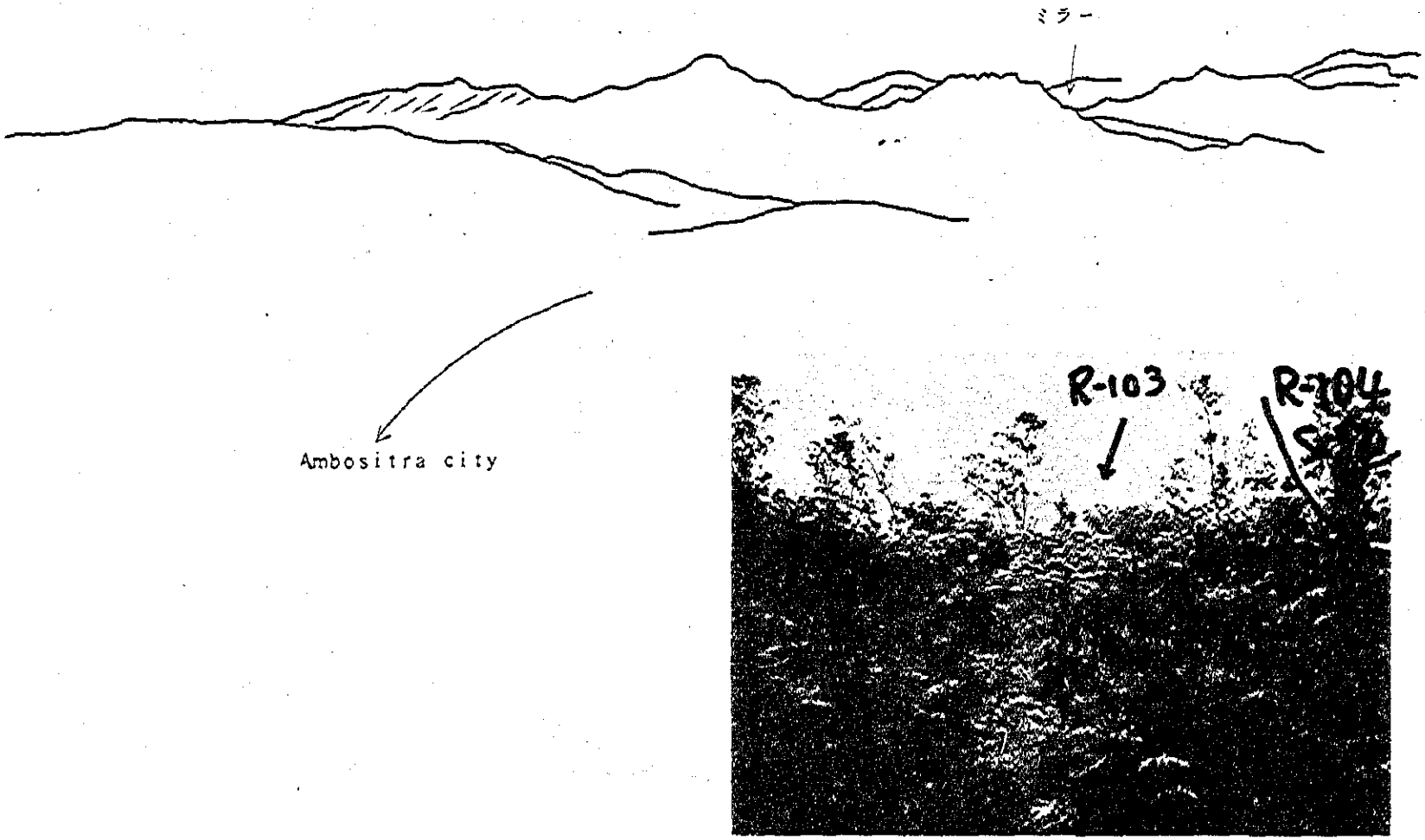
Attached DWG. 4-1-28

Guide Map of

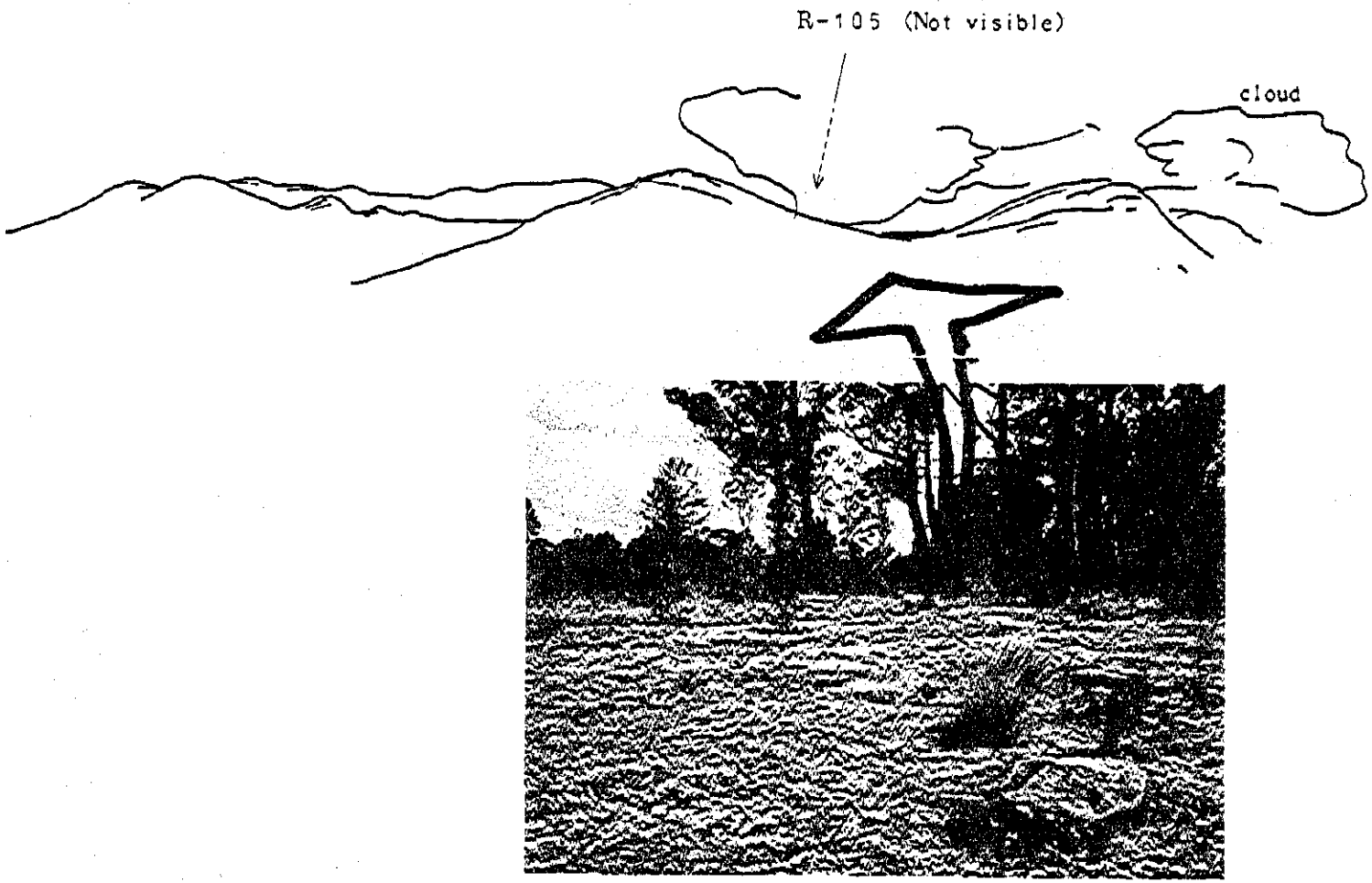
T-106 (Ambositra)



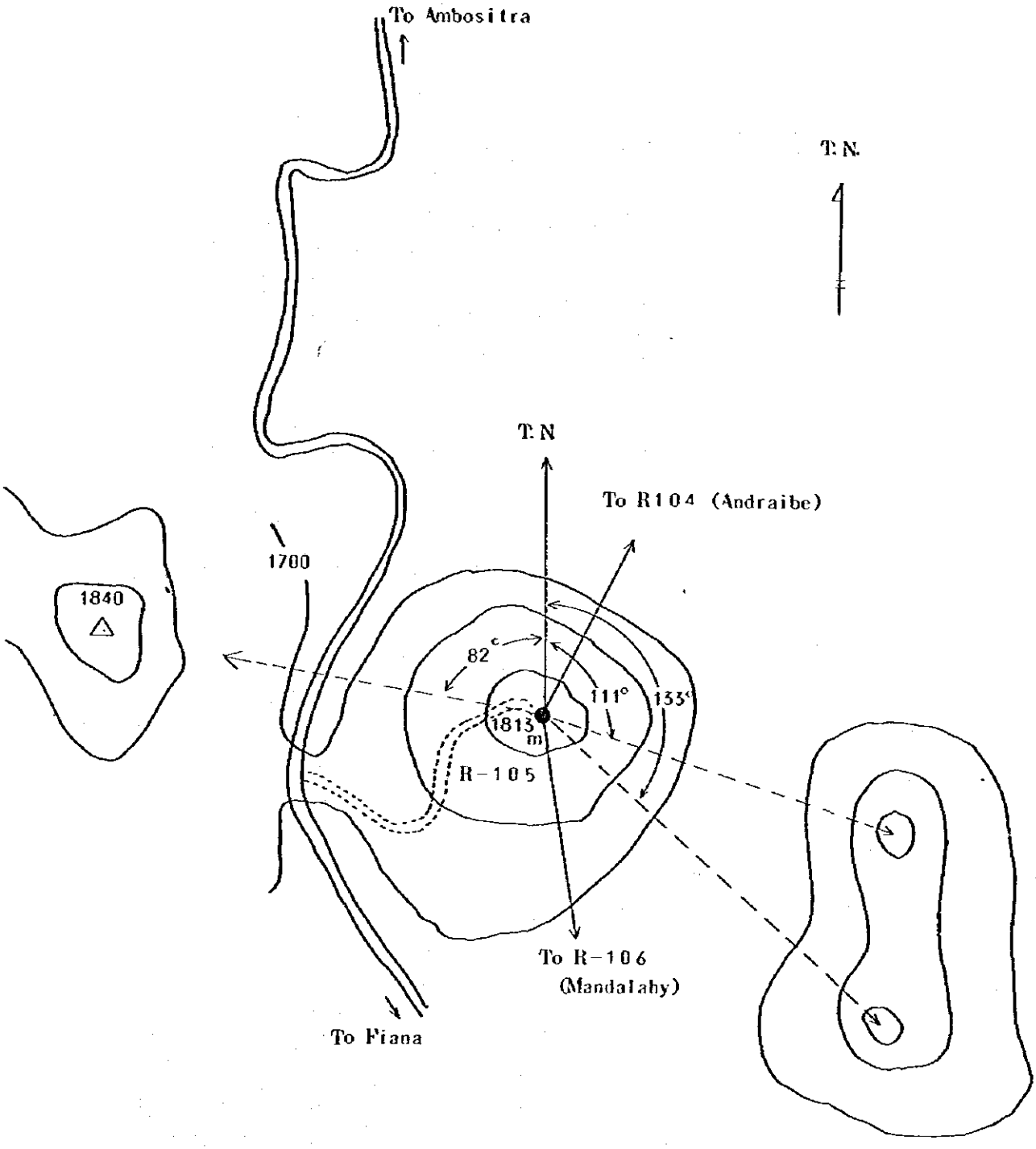
Attached DWG. 4-1-29 Existing Ambositra Radio Station



Attached DWG. 4-1-30 A Distant View of R-103 (Bezaika) from R-104 (Andraibe)



Attached DWG. 4-1-31 A Distant View of R-105 (Iharanila) from R-104 (Andraibe)



1) Site R-105

Almost no forest.

2) Access Road

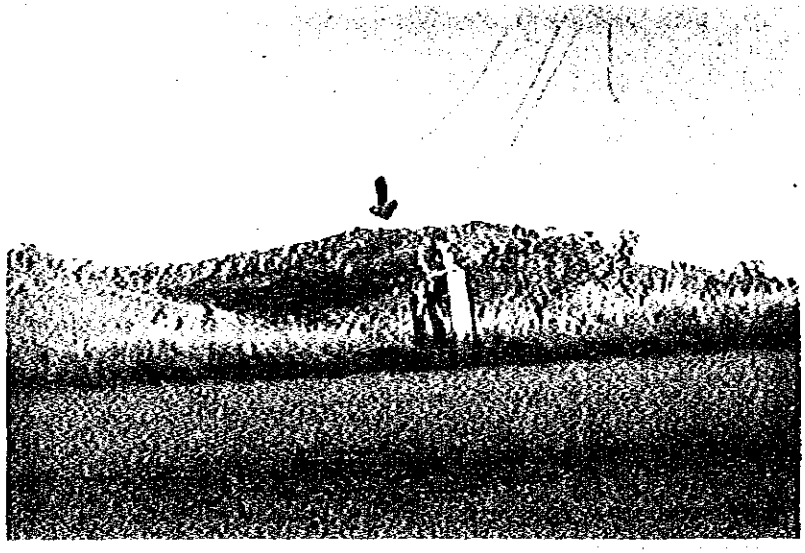
The road to be constructed newly will be 1.5 km long.

3) Note

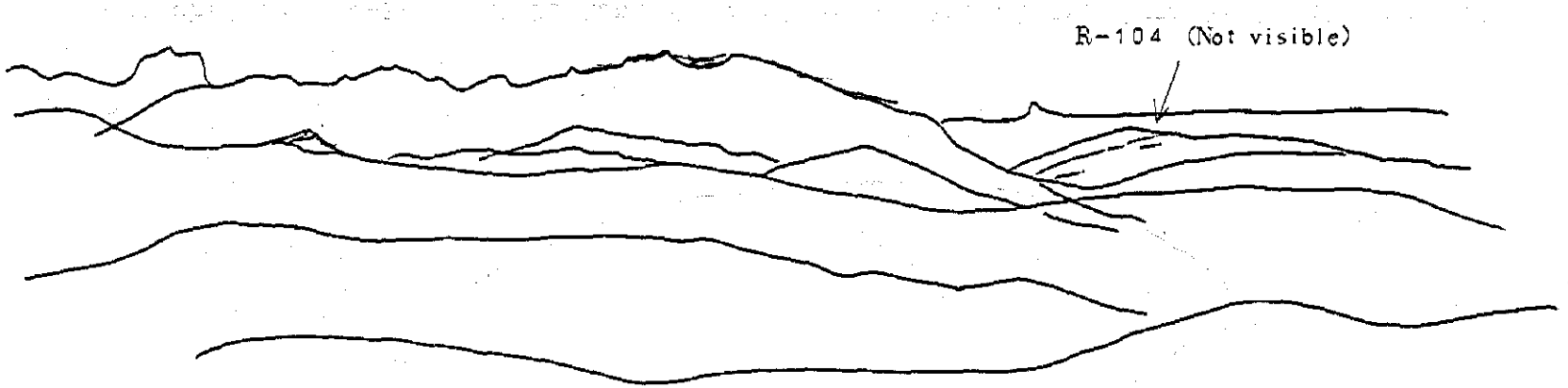
The 1/100,000 map published in 1966 may be slightly different from actual topographic features.

Attached DWG. 4-1-32 Guide Map of R-105 (Iharanila)

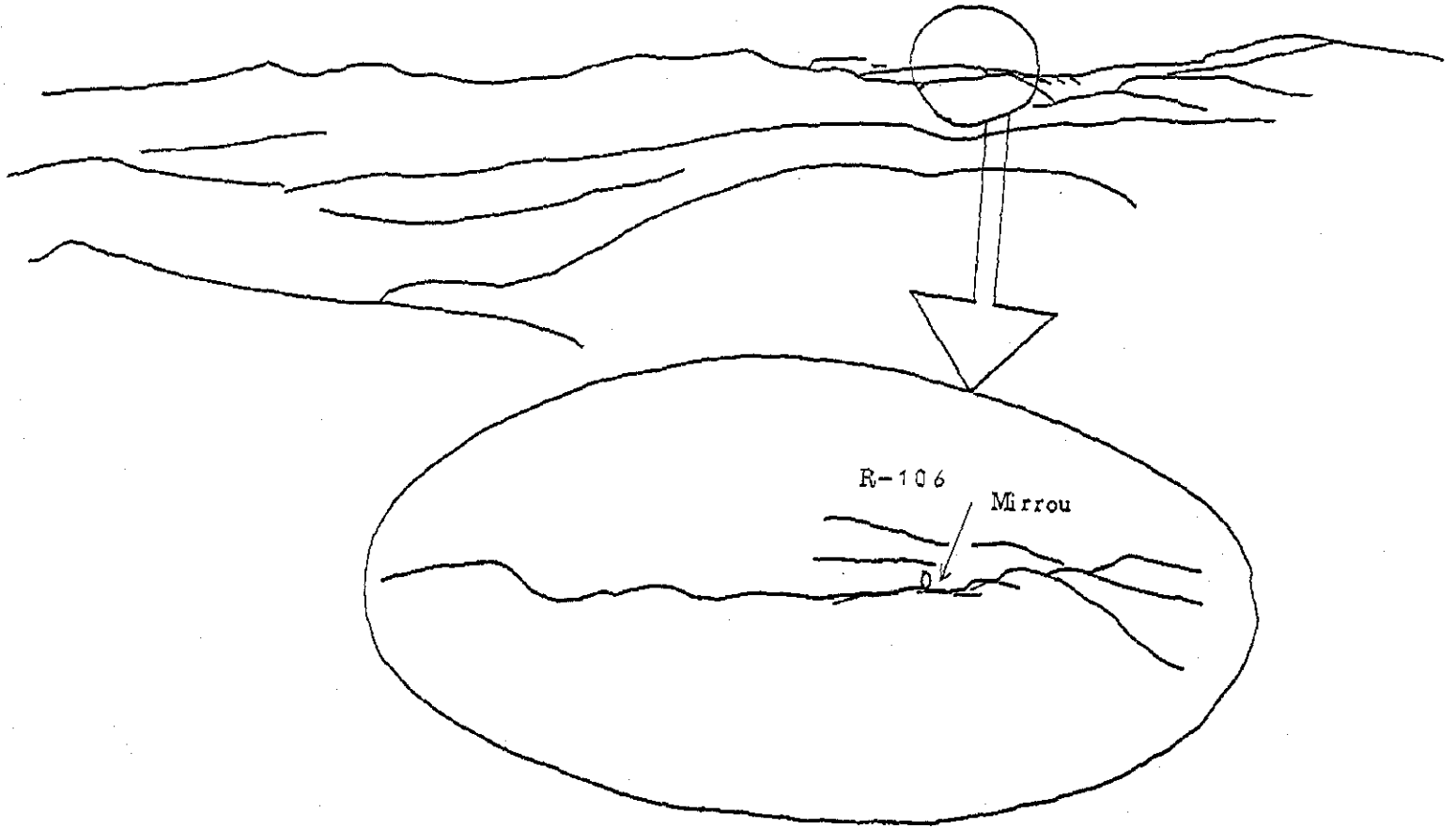
Attached DWG. 4-1-33 Site Snap of R-105 (Iharanila)



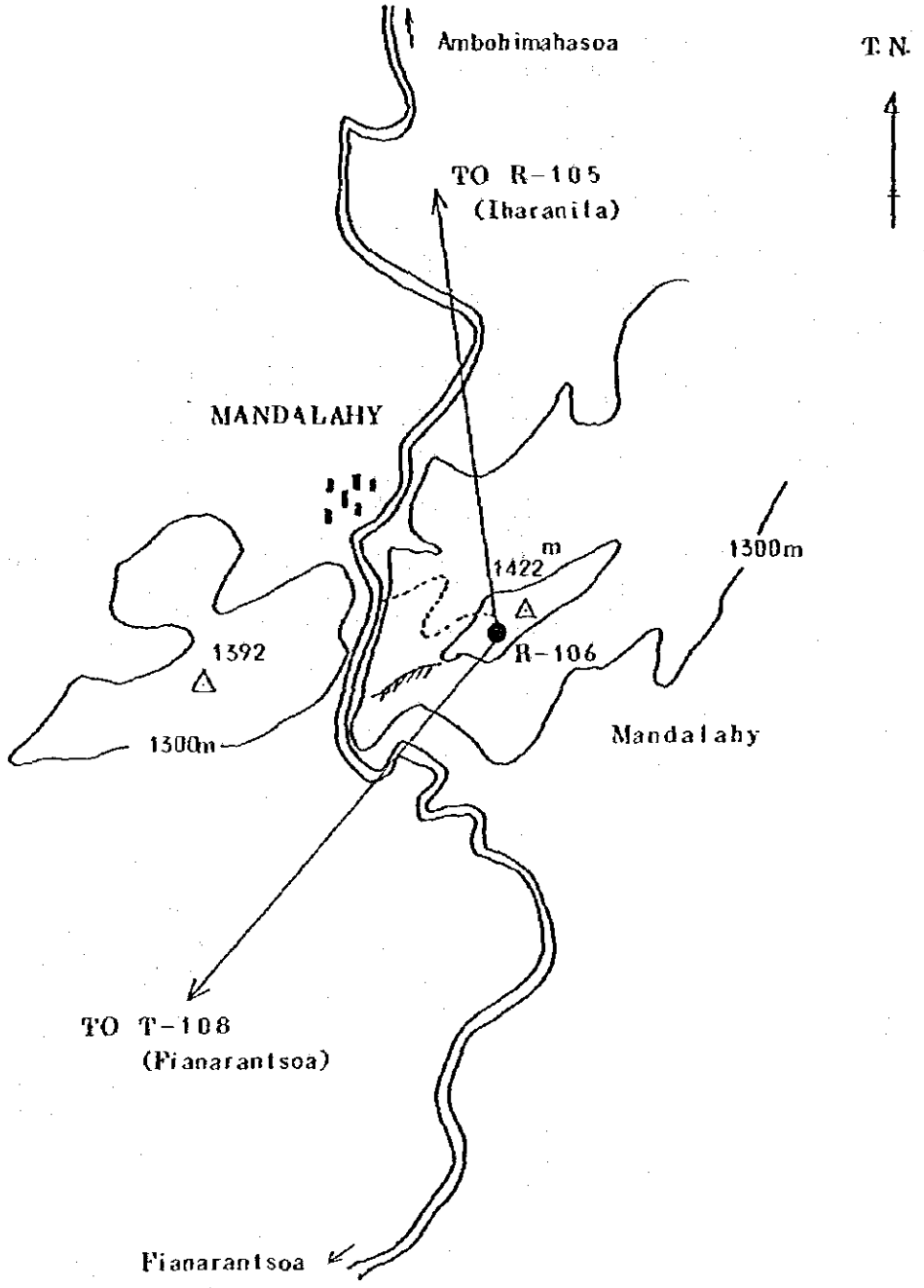
Attached DWG. 4-1-34 A Distant View of R-105 (Iharanila) from No.7 National Road



Attached DWG. 4-1-35 A Distant View of R-104 (Andraibe) from R-105 (Iharanila)



Attached DWG. 4-1-36 A Distant View of R-106 (Maudalahy) from R-105 (Iharanila)

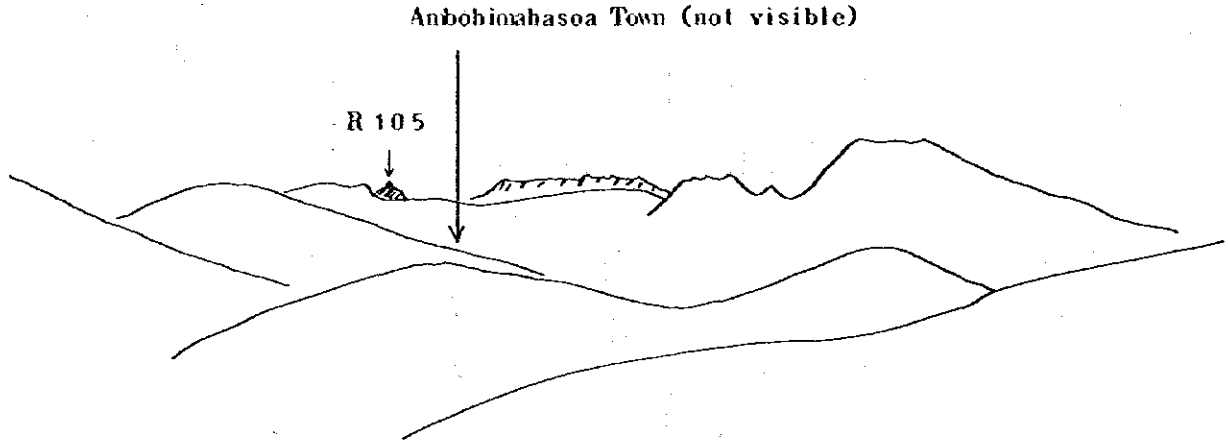


1) Site R-106

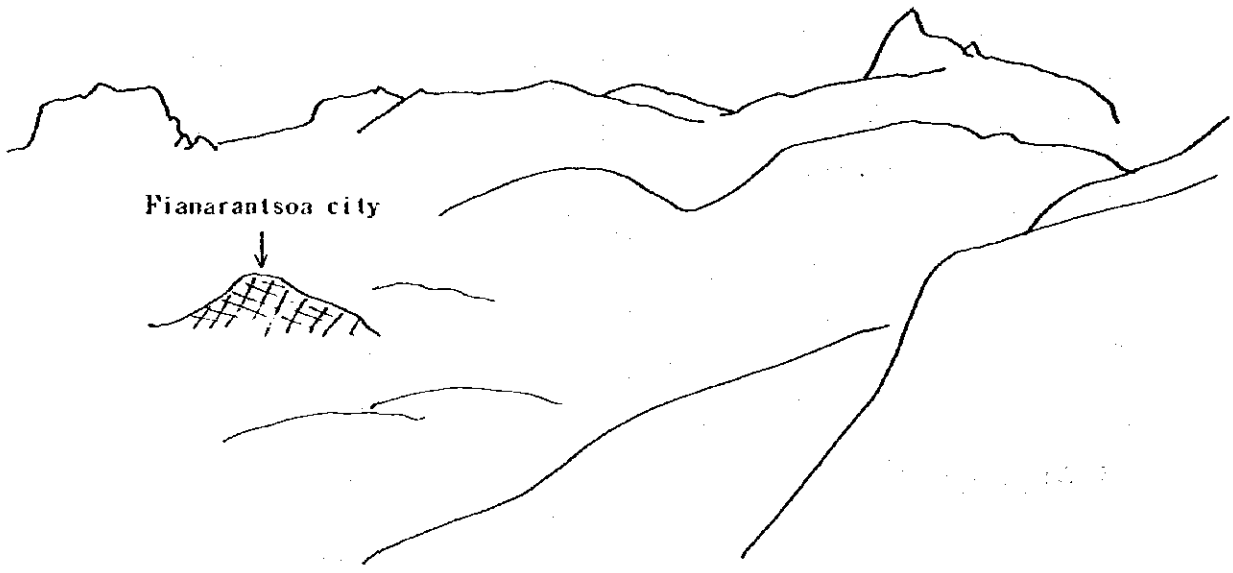
2) Access Road

A newly constructed road of about 1 km length will be required.

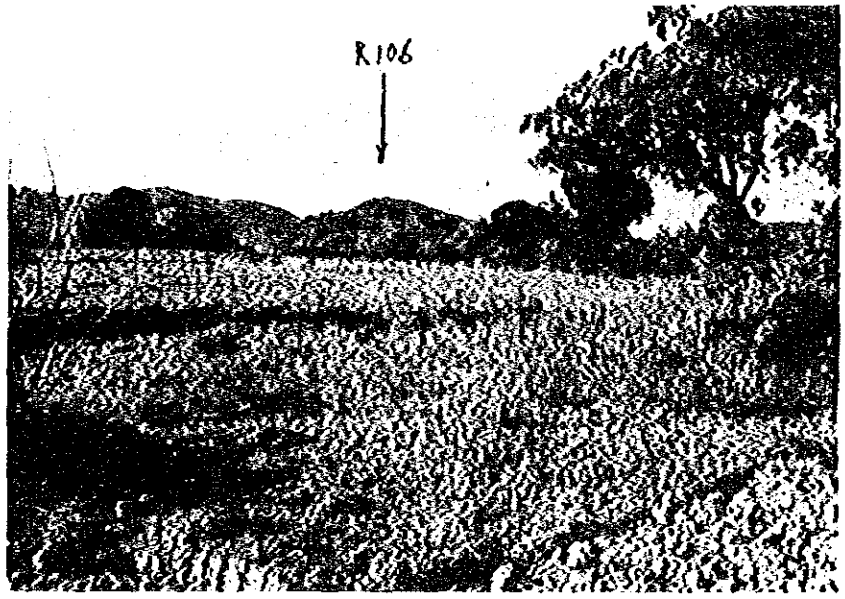
Attached DWG. 4-1-37 Guide Map of R-106 (Mandalahy)



Attached DWG. 4-1-38 A Distant View of R-105 (Iharanila) from R-106 (Mandalahy)

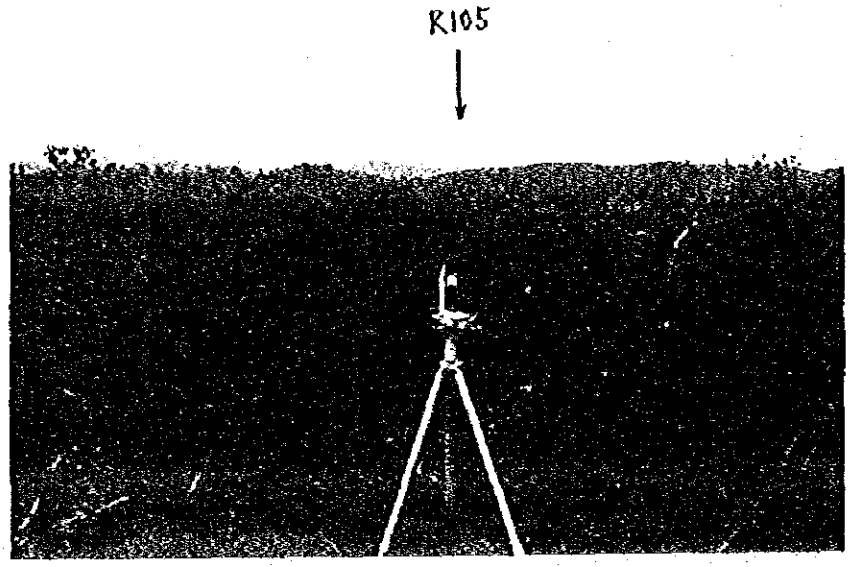


Attached DWG. 4-1-39 A Distant View of Fianarantsoa from R-106 (Mandalahy)

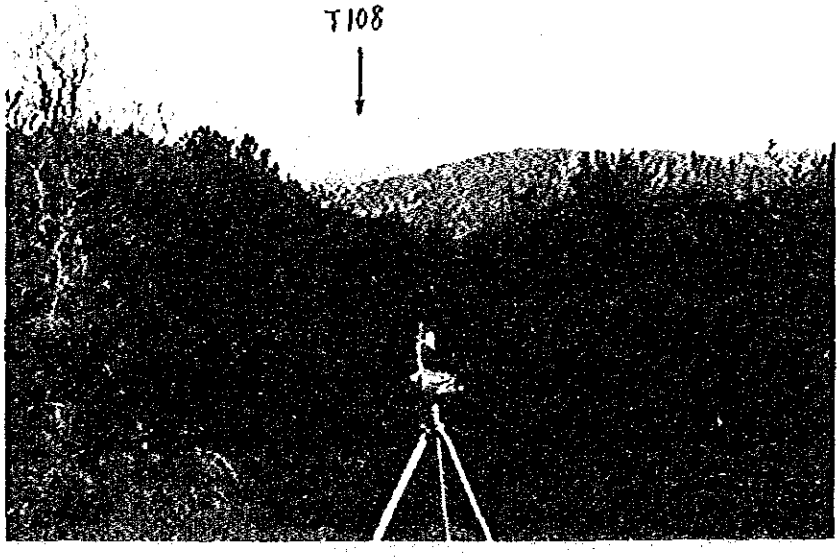


Attached DWG. 4-1-40 A Distant View of R-106 (Mandalahy)

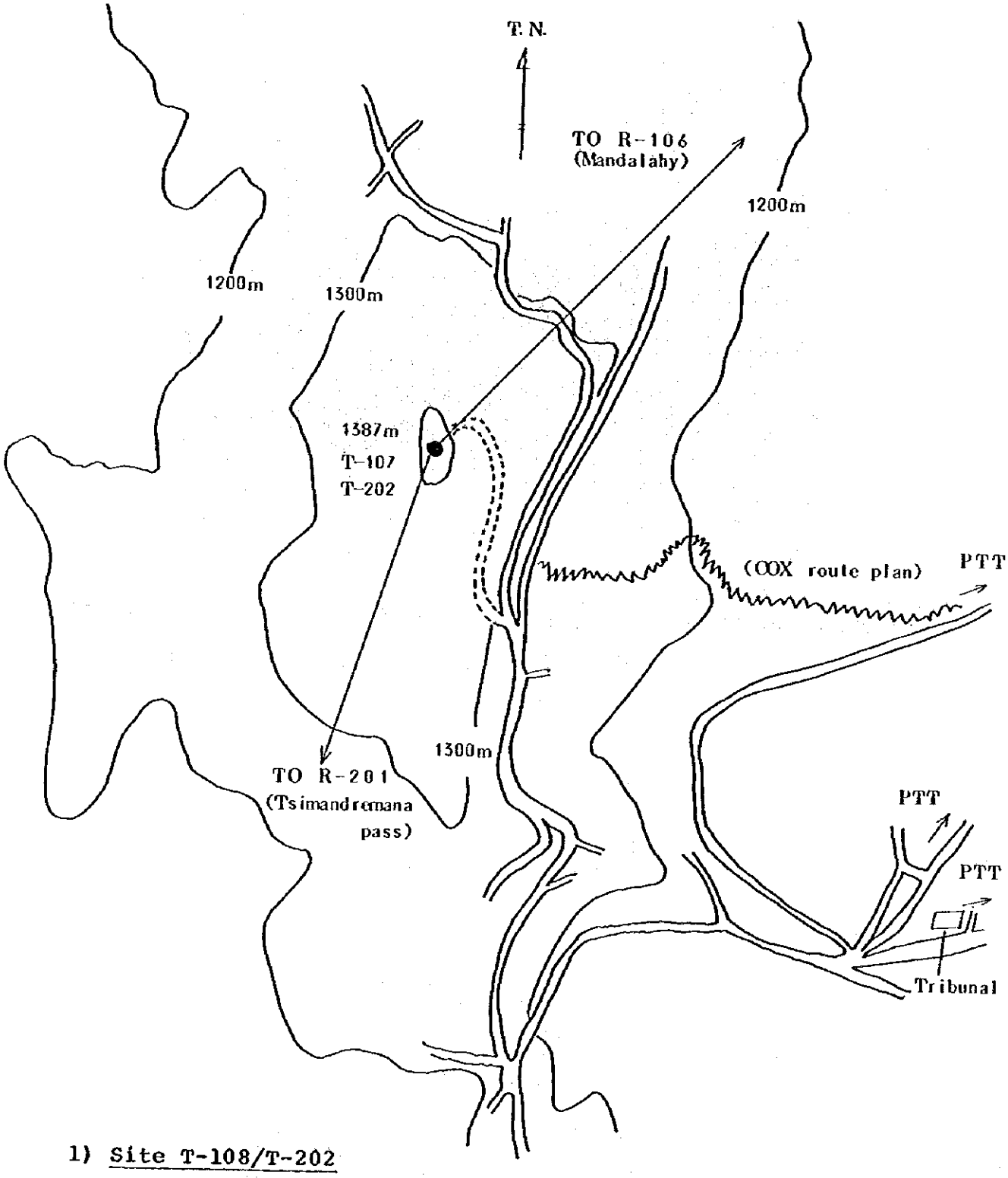
Attached DWG. 4-1-41 Site Snap of R-106 (Mandalahy)



Attached DWG. 4-1-42 A Distant View of R-105 (Iharanila) from R-106 (Mandalahy)



Attached DWG. 4-1-43 A Distant View of T-108 (Fianarantsoa) from R-106 (Mandalahy)



1) Site T-108/T-202

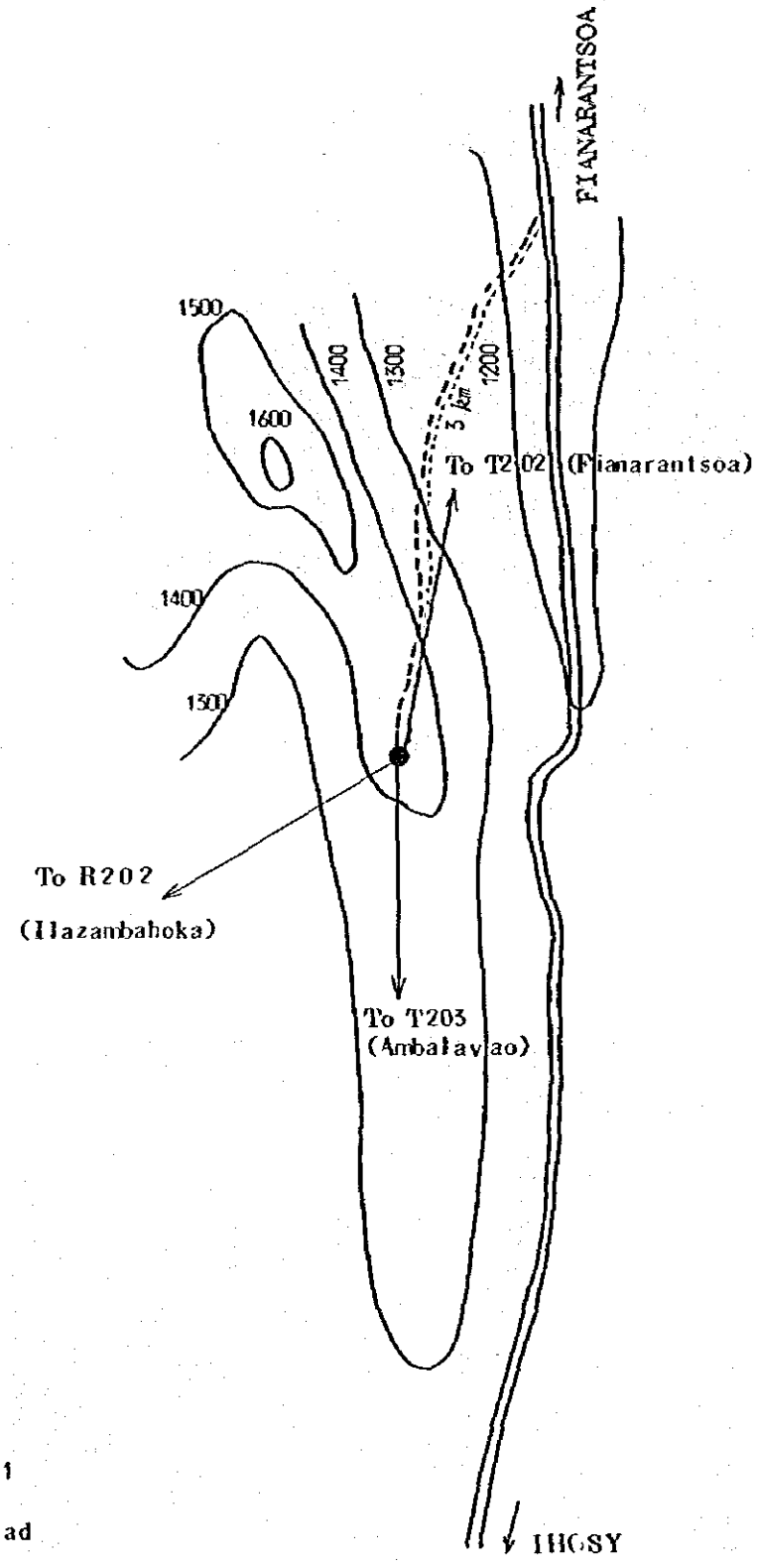
At Kianjasoa Hill
in Fianarantsoa City

2) Access Road

A road of less than 1 km will be required.

Attached DWG. 4-1-44 Guide Map of T-108/T-202 (Fianarantsoa)

Attached DWG. 4-1-45 A Distant View of T-108 (Fianarantsoa) from Center of Fianarantsoa City



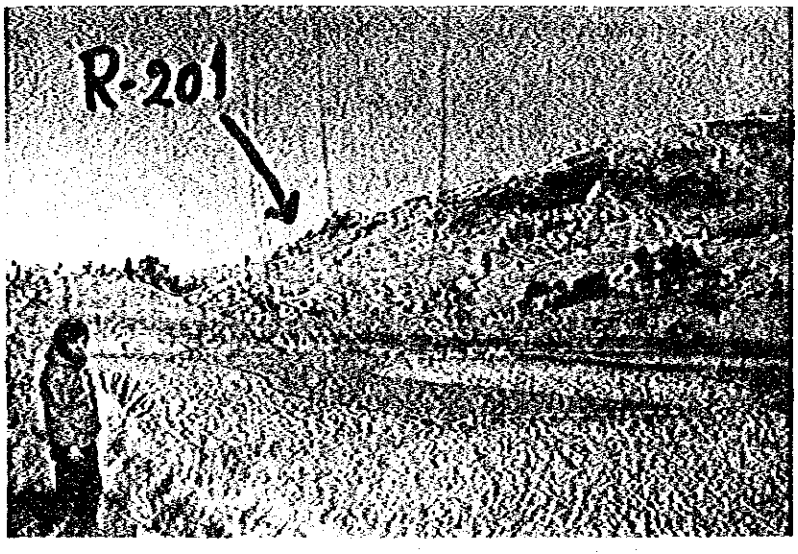
1) Site R-201

2) Access Road

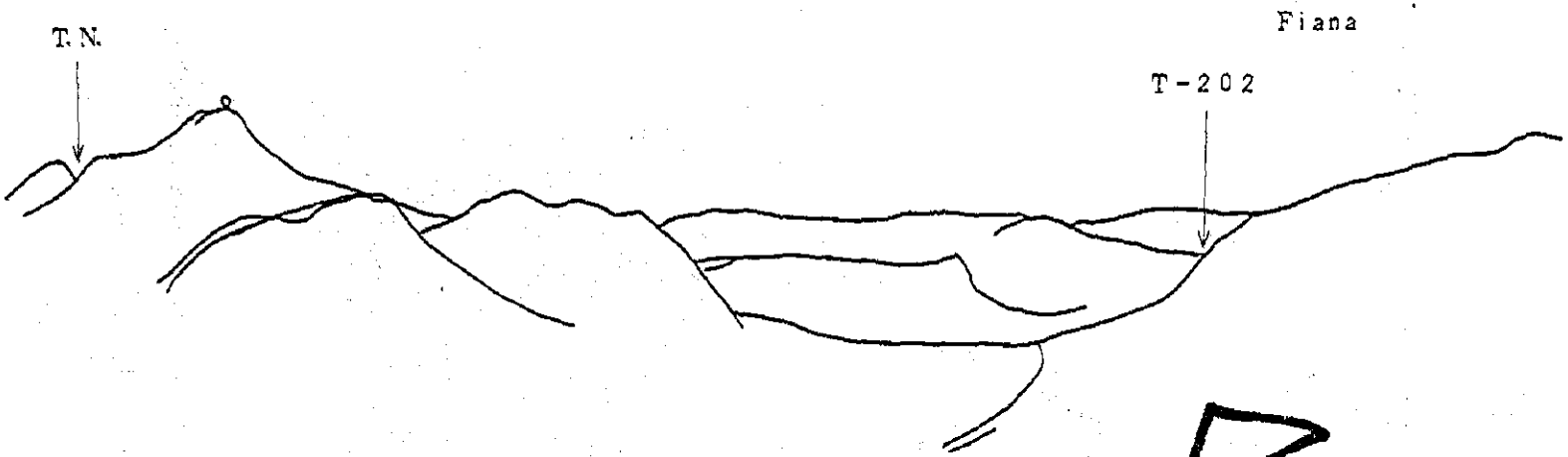
A newly constructed road of about 3 *km* length will be required.

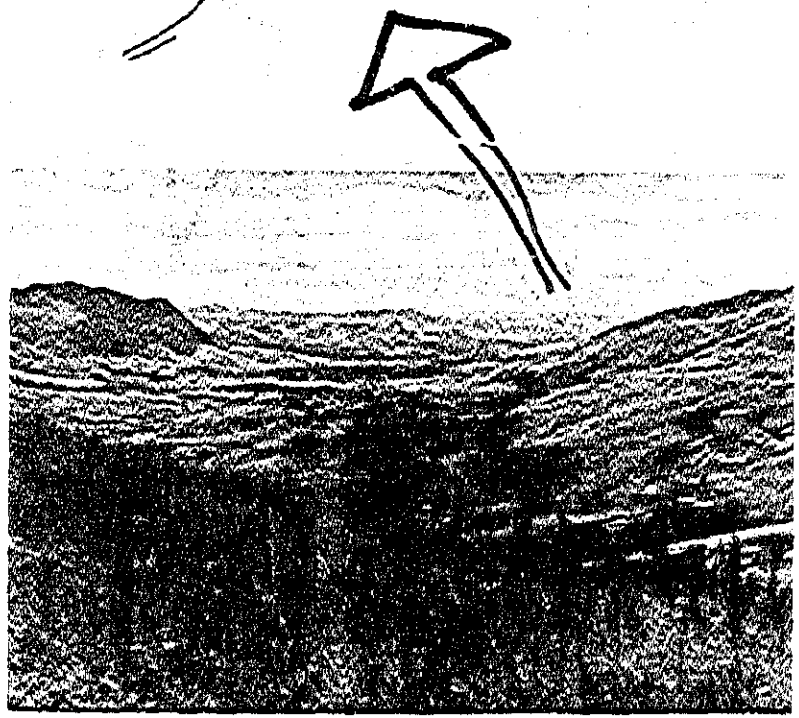
Attached DWG. 4-1-46 Guide Map of R-201 (Tsimanbramana Pass)

Attached DWG. 4-1-47 Site Snap of R-201 (Tsimandremana Pass)



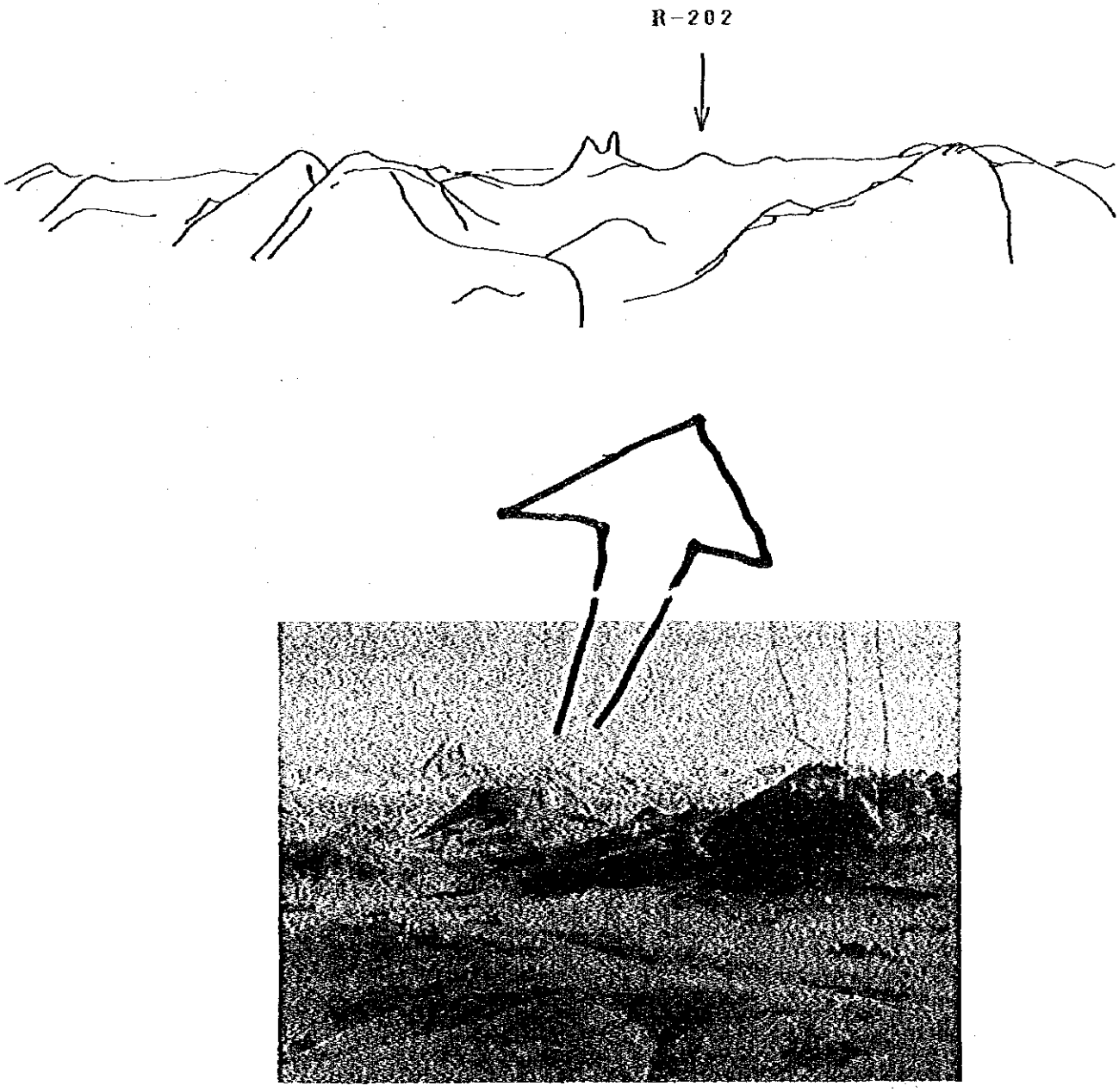
Attached DWG. 4-1-48 A Distant View of R-201 (Tsimandremana Pass) from No.7 National Road



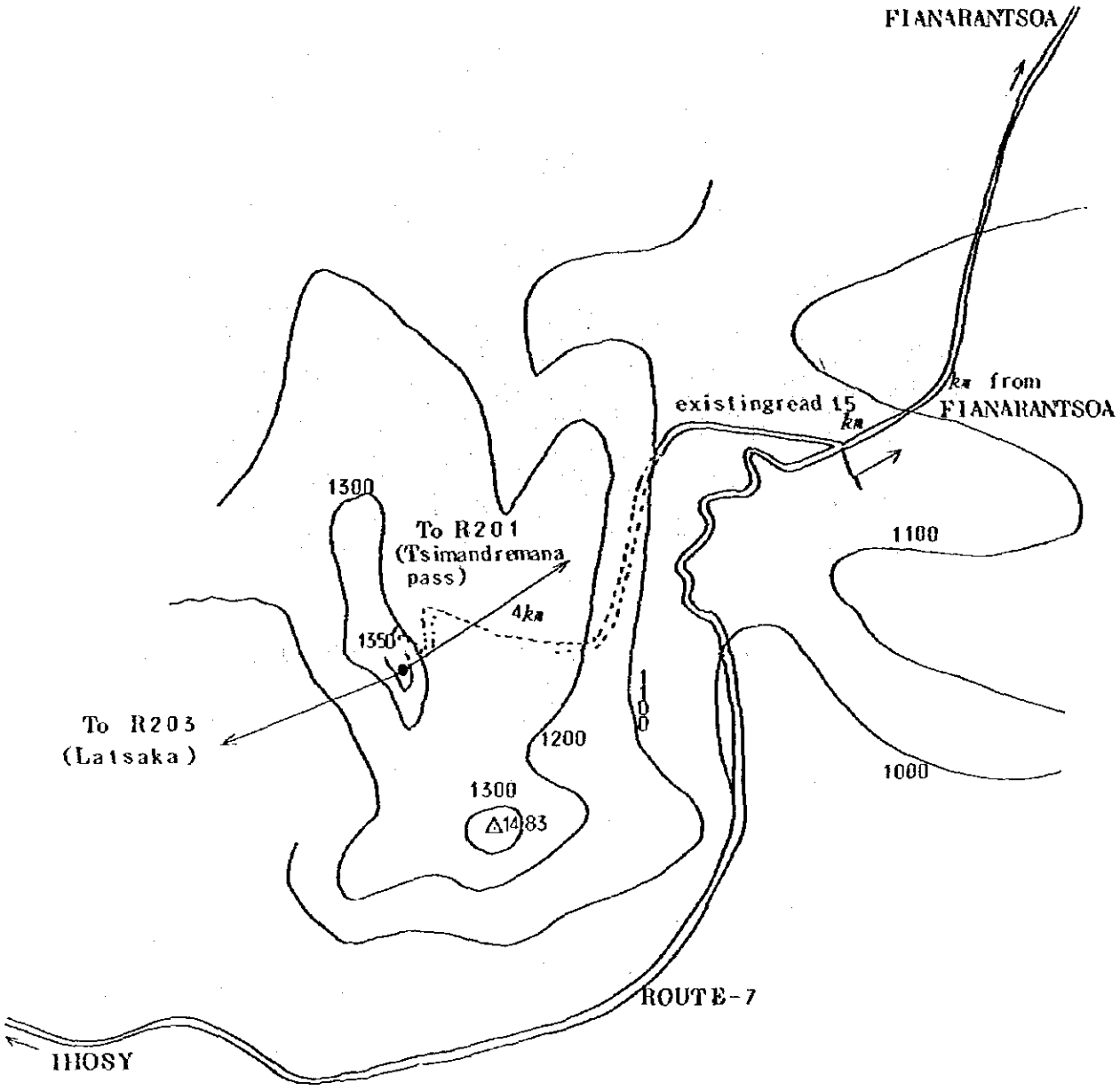


Attached DWG. 4-1-49

A Distant View of T-202
(Fianarantsoa) from R-201
(Tsimandremana Pass)



Attached DWG. 4-1-50 A Distant View of R-202 (Ilazambahoka) from R-201 (Tsimandremana Pass)



1) Site

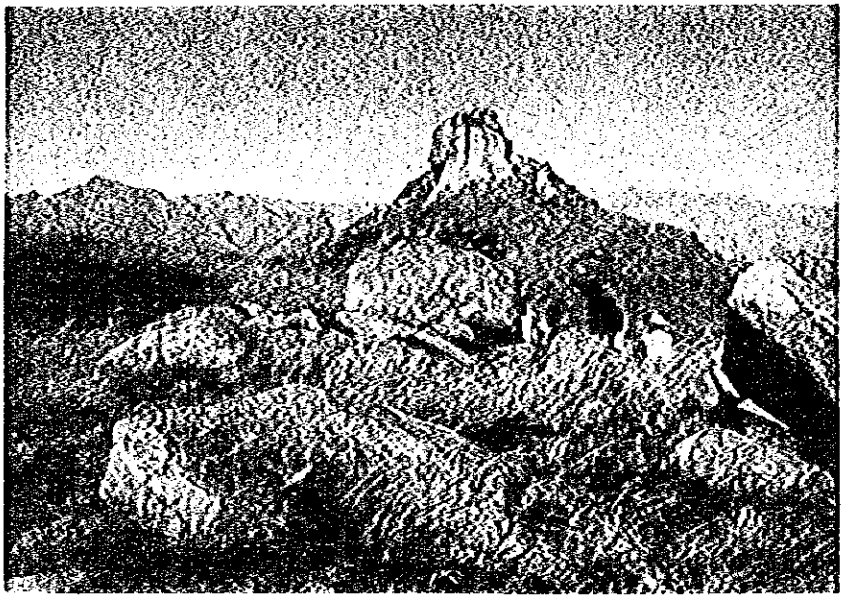
A little rocky, but wide at the top.

2) Access Road

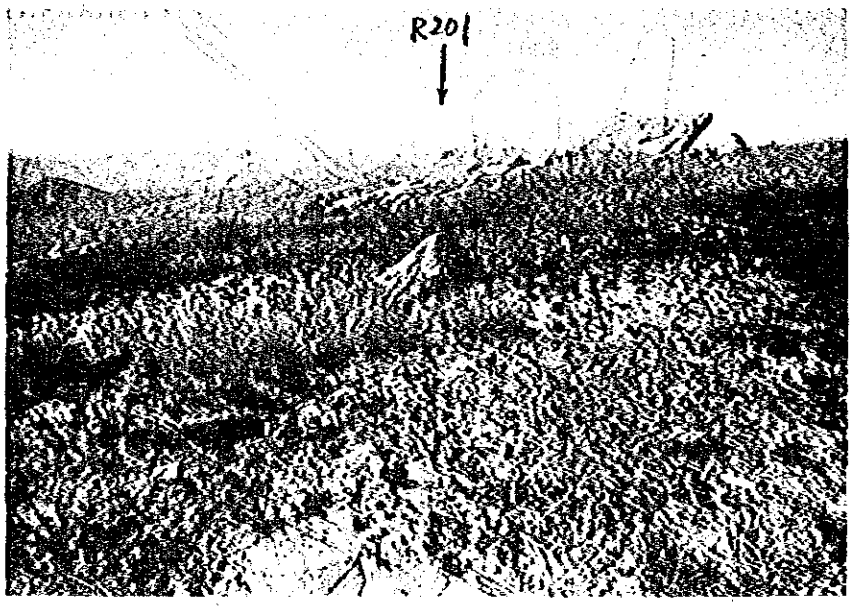
A little rocky near the top of the hill.
But other parts of the new road will be relatively easy to construct.

Attached DWG. 4-1-51 Guide Map of R-202 (Ilazambahoka)

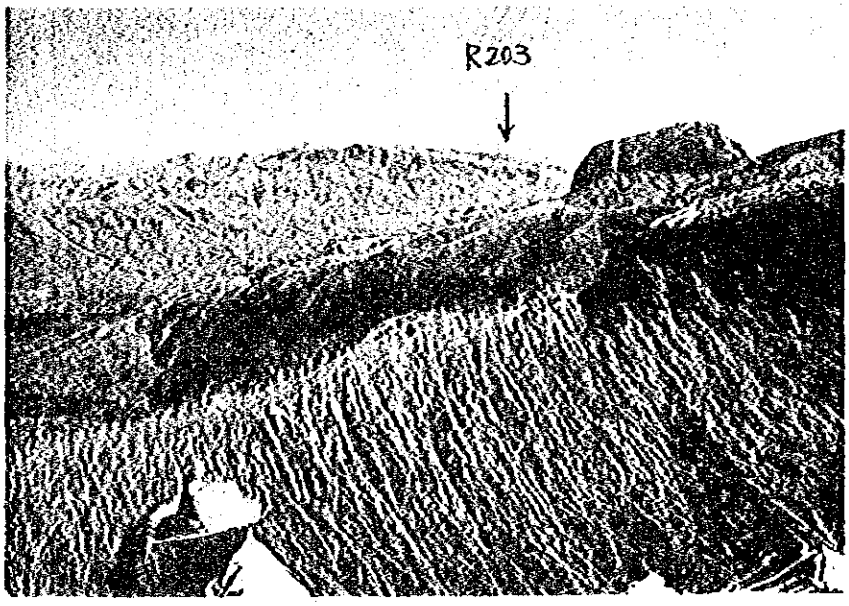
Attached DWG. 4-1-52 A Distant View of R-202 (Ilazambahoka)



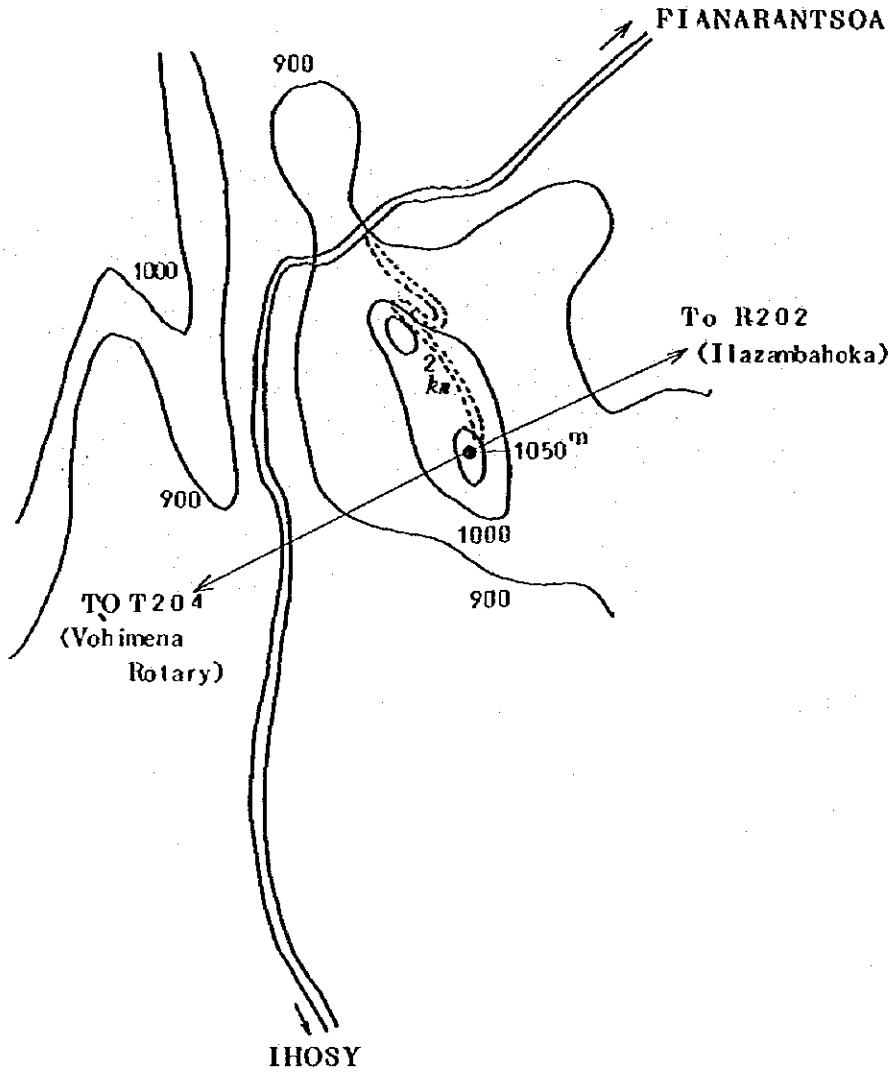
Attached DWG. 4-1-53 Site Snap of R-202 (Ilazambahoka)



Attached DWG. 4-1-54 A Distant View of R-201 (Tsimandremana Pass) from R-202 (Ilazambahoka)



Attached DWG. 4-1-55 A Distant View of R-203 (Latsaka) from R-202 (Ilazambahoka)



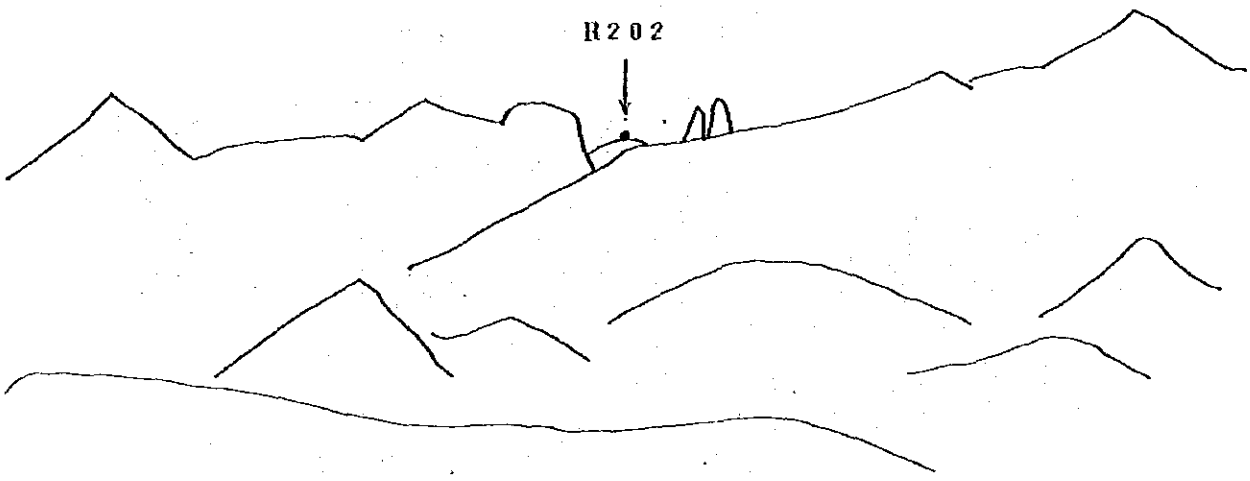
1) Site

A little rocky at the top.

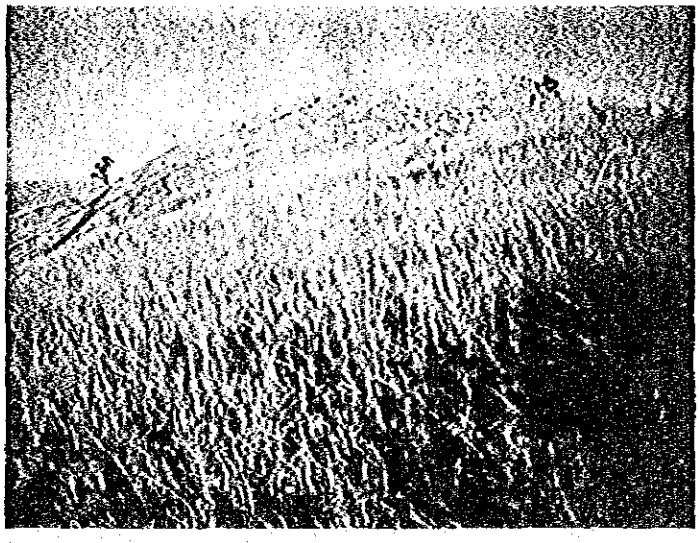
2) Access Road

A little rocky but not difficult to construct.

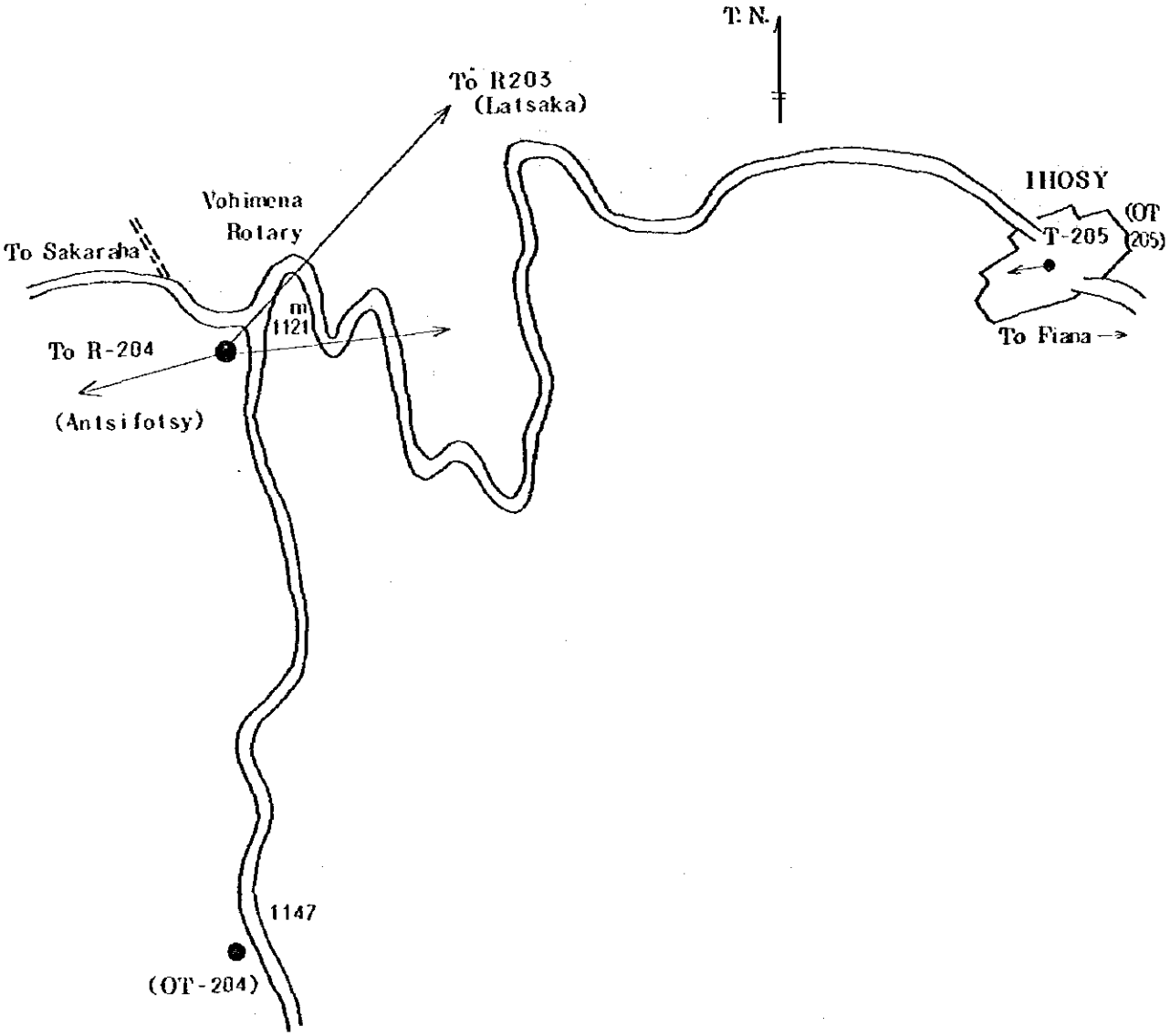
Attached DWG. 4-1-56 Guide Map of R-203 (Latsaka)



Attached DWW. 4-1-57 A Distant View of R-202 (Ilazambahoka) from R-203 (Latsaka)



Attached DWG. 4-1-58 Site Snap of R-203 (Latsaka)



1) Site T-204

Located on the west side of Vohimena rotary.

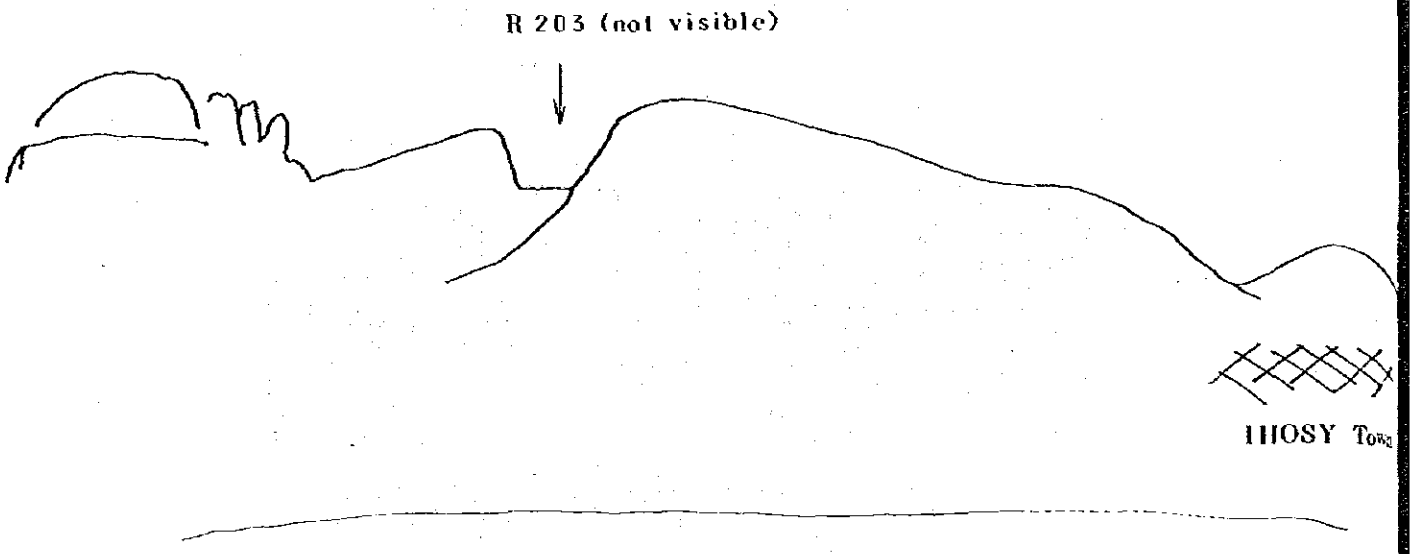
2) Access Road

Facing the national road.

Attached DWG. 4-1-59 Guide Map of T-204/T-205 (Vohimena Rotary/Ihosy)

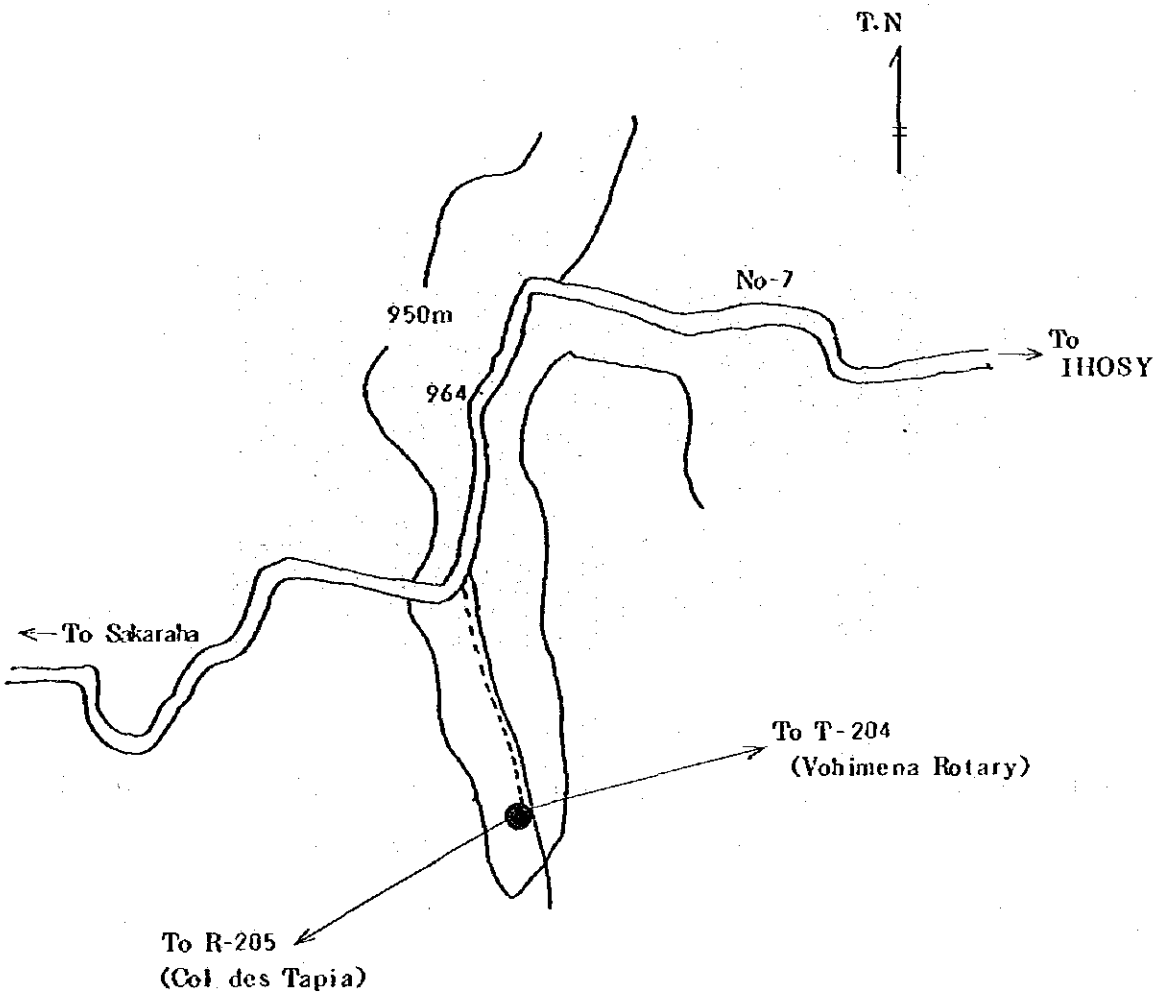
Attached DWG. 4-1-60 Site Snap of T-204 (Vohimena Rotary)

Attached DWG. 4-1-61 A Distant View of T-205 (Ihosy City) from T-204 (Vohimena Rotary)



ROUTE-№-7

Attached DWG. 4-1-62 A Distant View of R-203 (Latsaka) from T-204 (Vohimena Rotary)



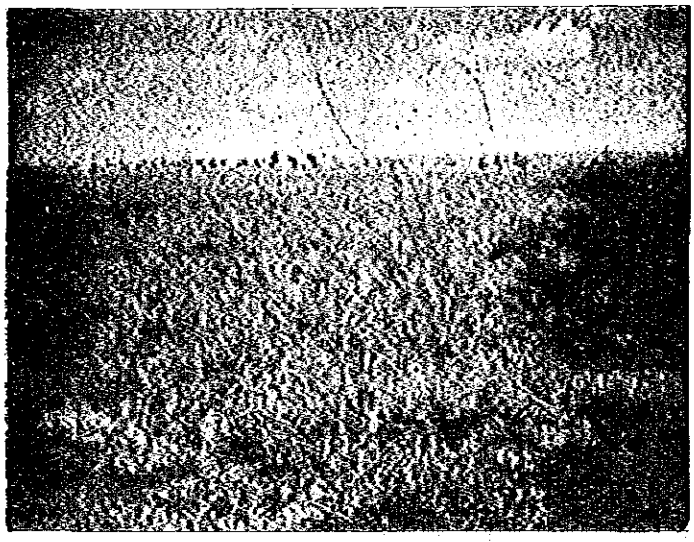
1) Site R-204

Almost flat land. No tree.

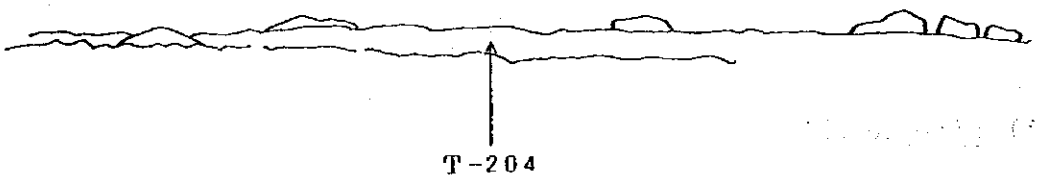
2) Access Road

Some correction of existing walking path will be necessary (0.5 km)

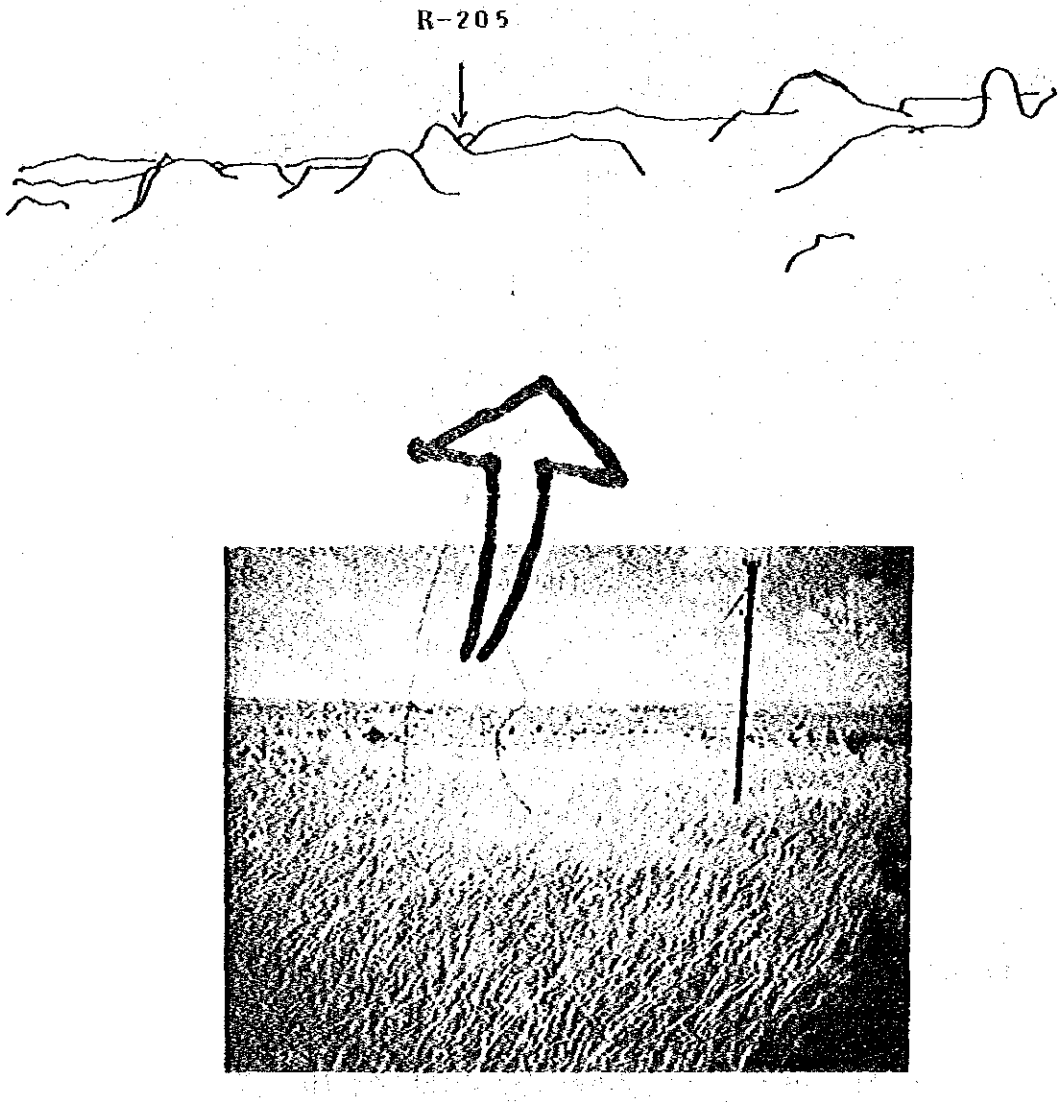
Attached DWG. 4-1-63 Guide Map of R-204 (Antsifotsy)



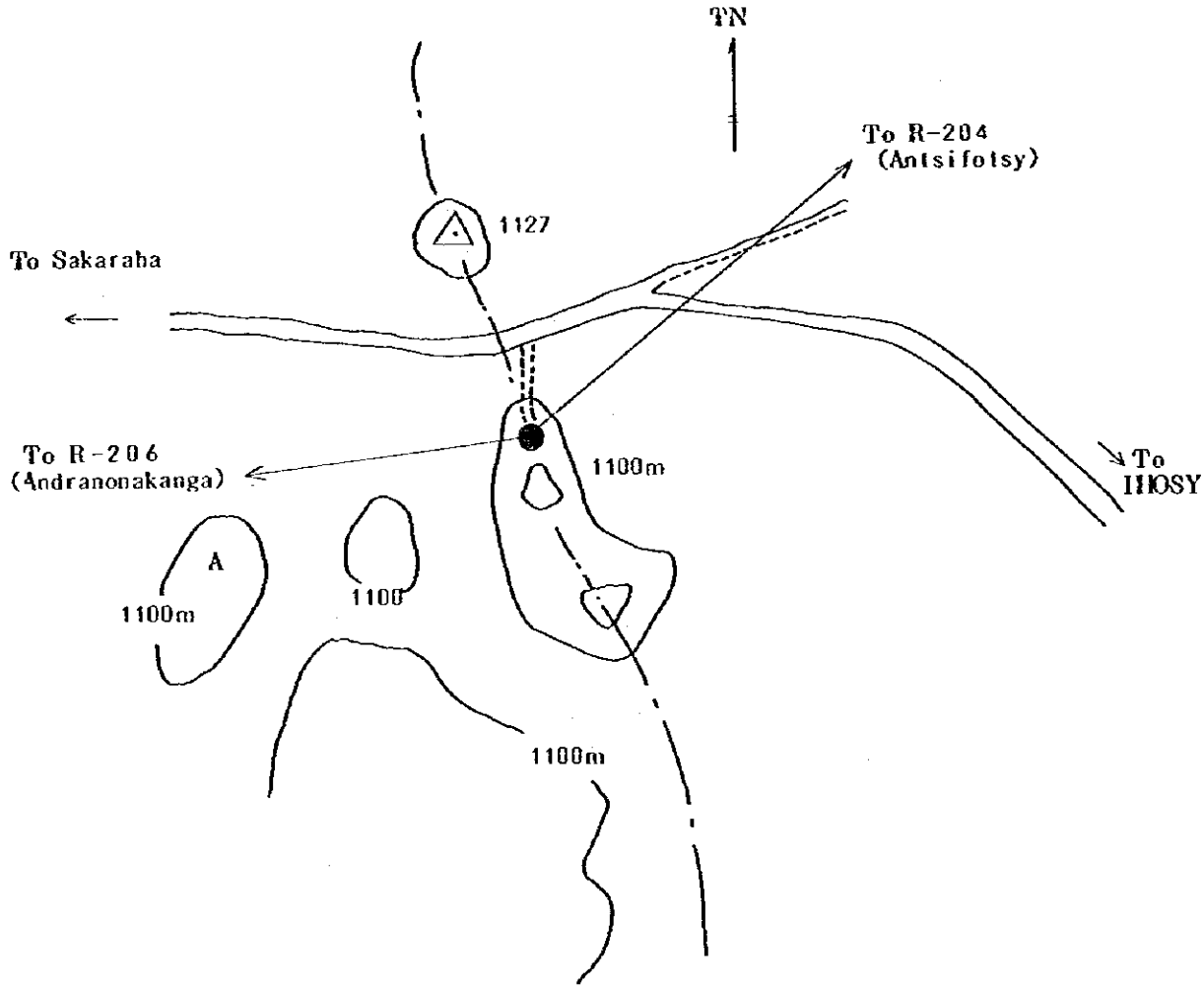
Attached DWG. 4-1-64 Proposed Site of R-204 (Antsifotsy)



Attached DWG. 4-1-65 A Distant View of T-204 (Vohimena Rotary) from R-204 (Antsifotsy)



Attached DWG. 4-1-66 A Distant View of R-205 (Col Des Tapia) from R-204 (Antsifotsy)



1) Site R-205

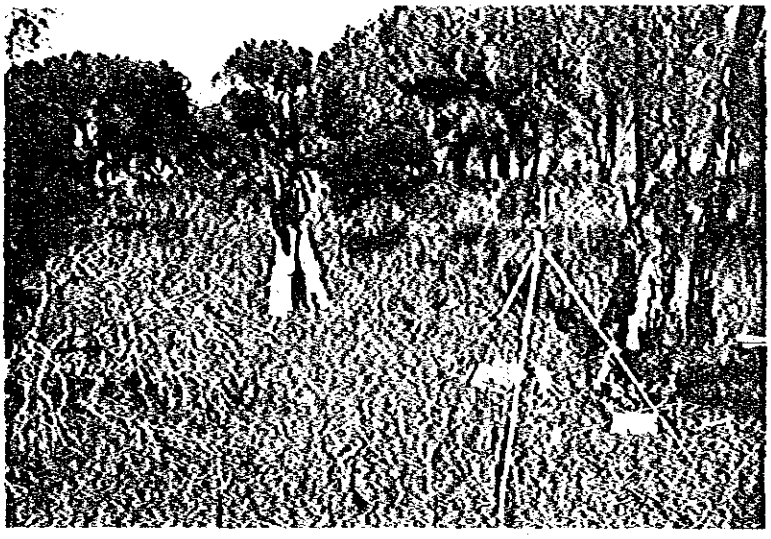
Some bushes should be cut.

Radio path will pass by foot of Mt. A.

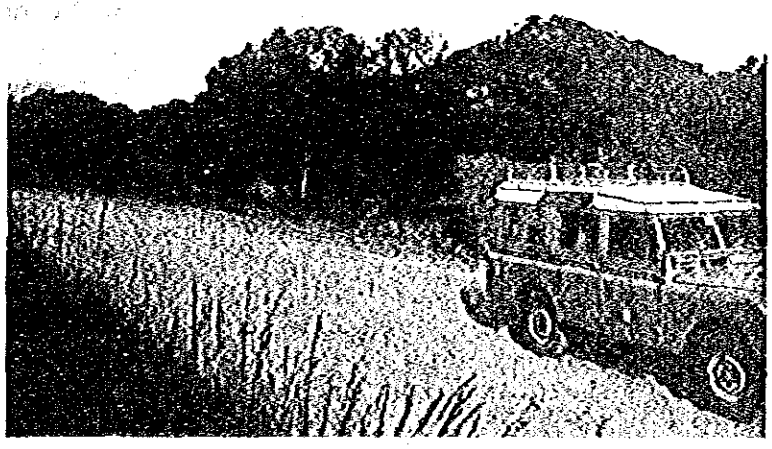
2) Access Road

The length of the newly constructed road will be 0.5 km.

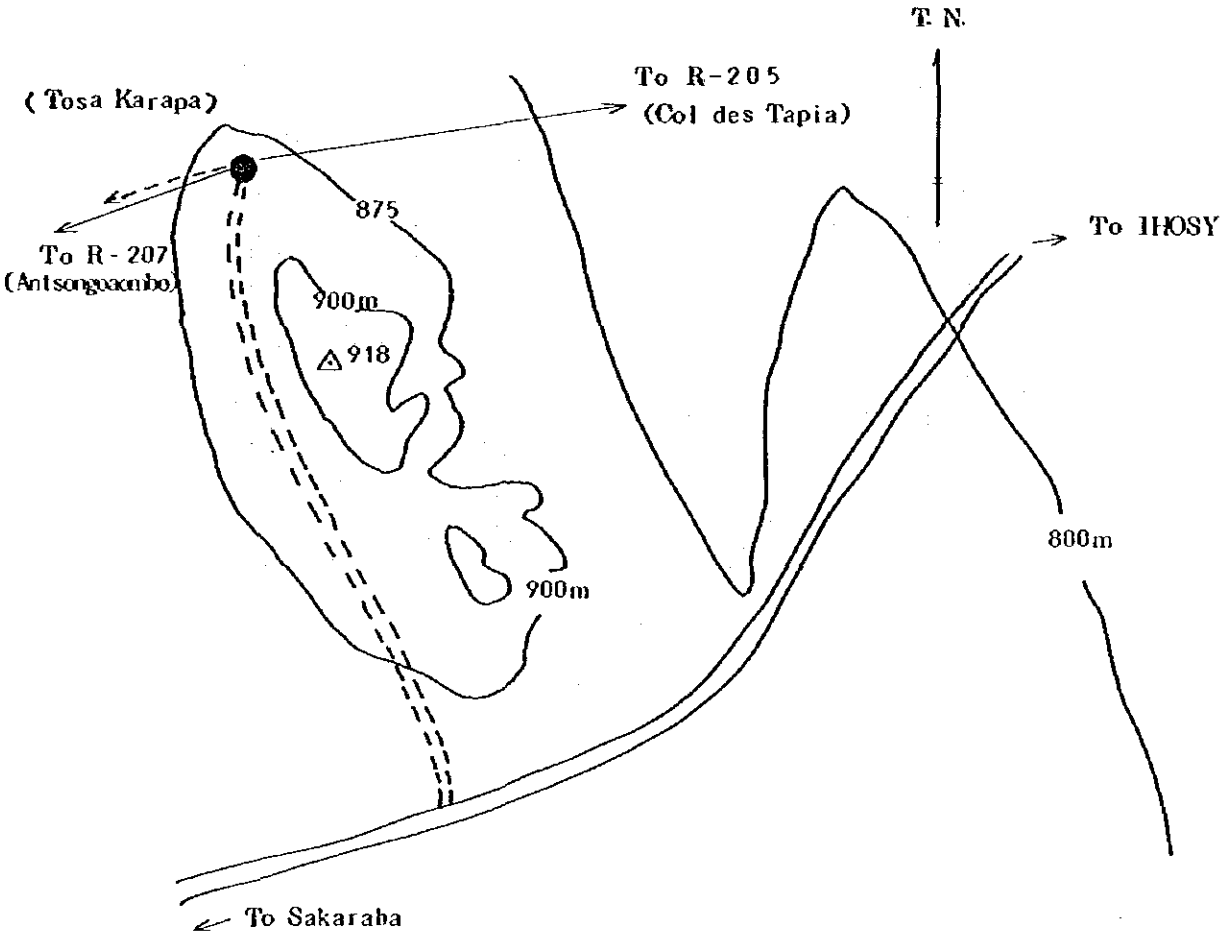
Attached DWG. 4-1-67 Guide Map of R-205 (Col Des Tapia)



Attached DWG. 4-1-68 Proposed Site of R-205 (Col Des Tapia)



Attached DWG. 4-1-69 A Distant View of R-205 (Col Des Tapia) from the No.7 National Road



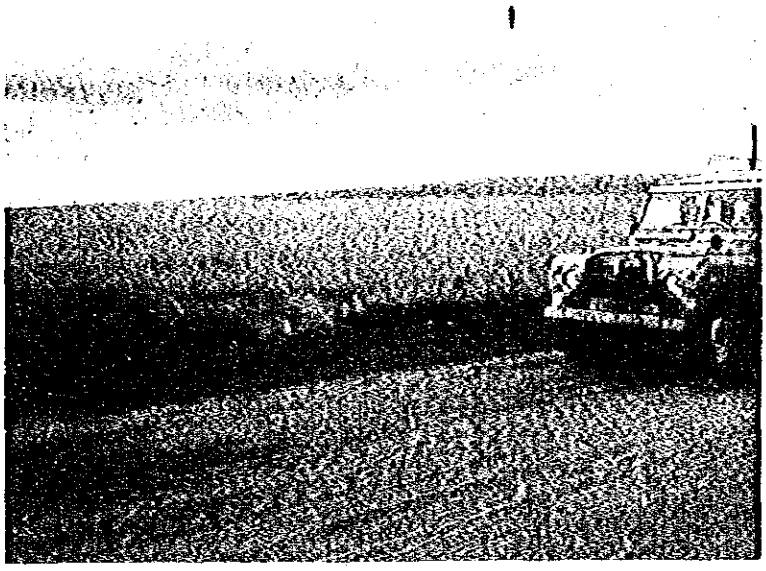
1) Site R-206

Herb field. Identification of site will not be so easy. Because of no prominence in topographical features.

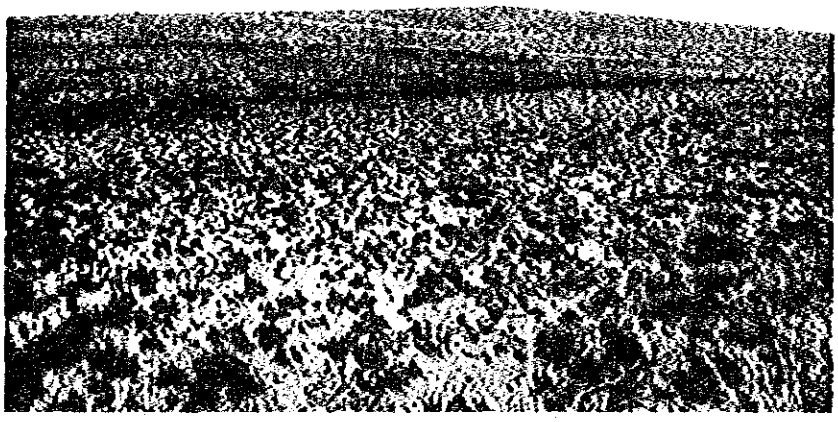
2) Access Road

The length of the road which will be easy to construct will be 4 km.

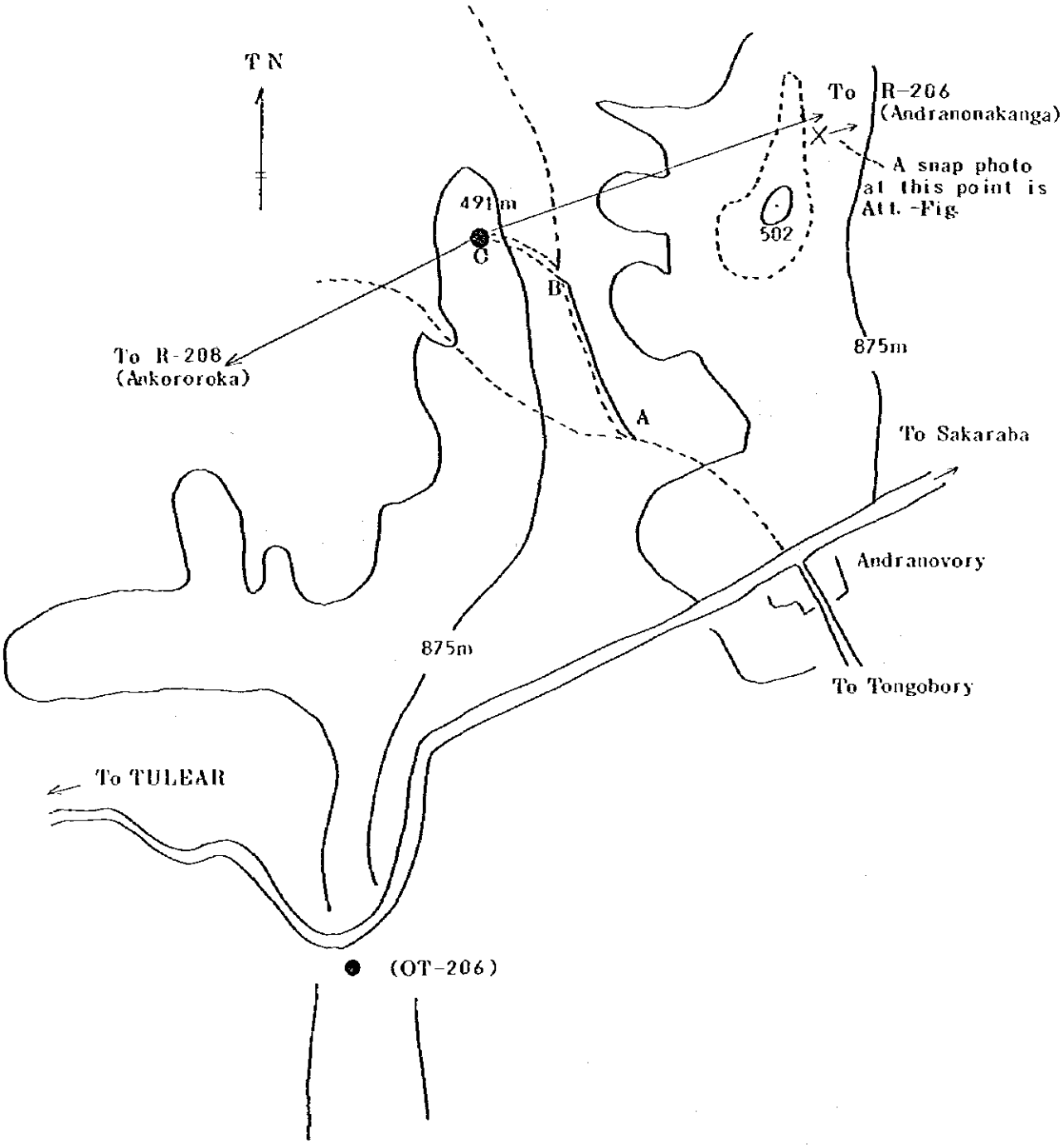
Attached DWG. 4-1-70 Guide Map of R-206 (Andranonakanga)



Attached DWG. 4-1-71 A Distant View of R-206 (Andranonakanga) from No.7 National Road



Attached DWG. 4-1-72 Site Snap of R-206 (Andranonakanga)



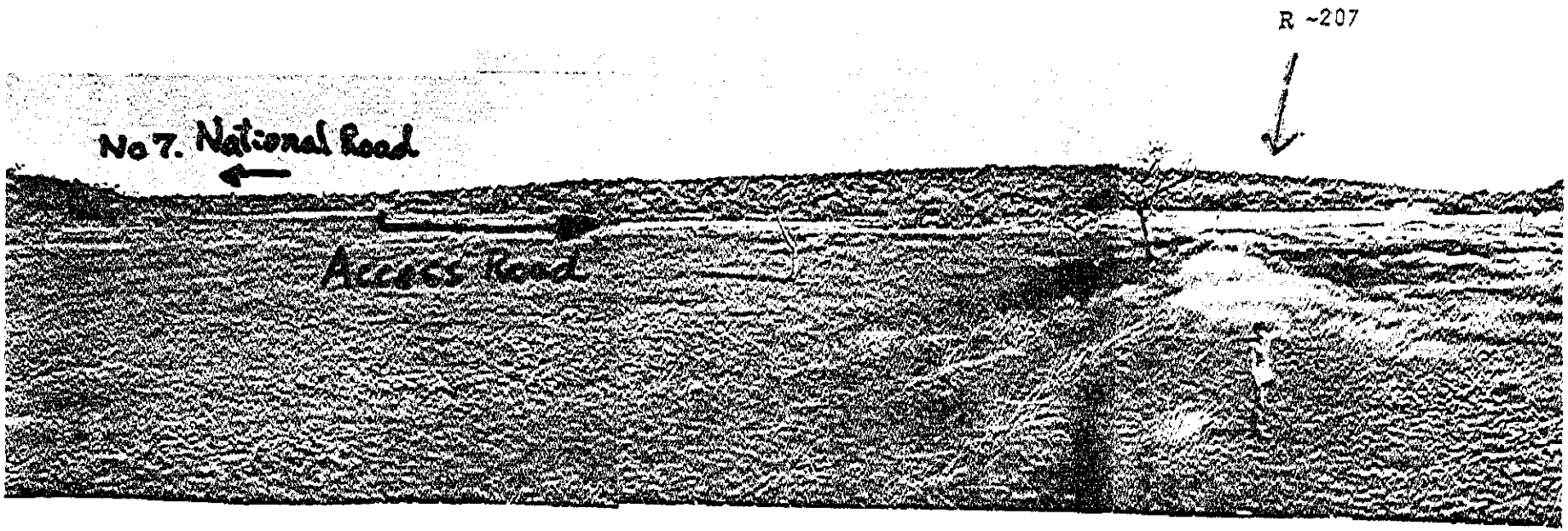
1) Site R-207

Trees at the site and along new road should be cut.

2) Access Road

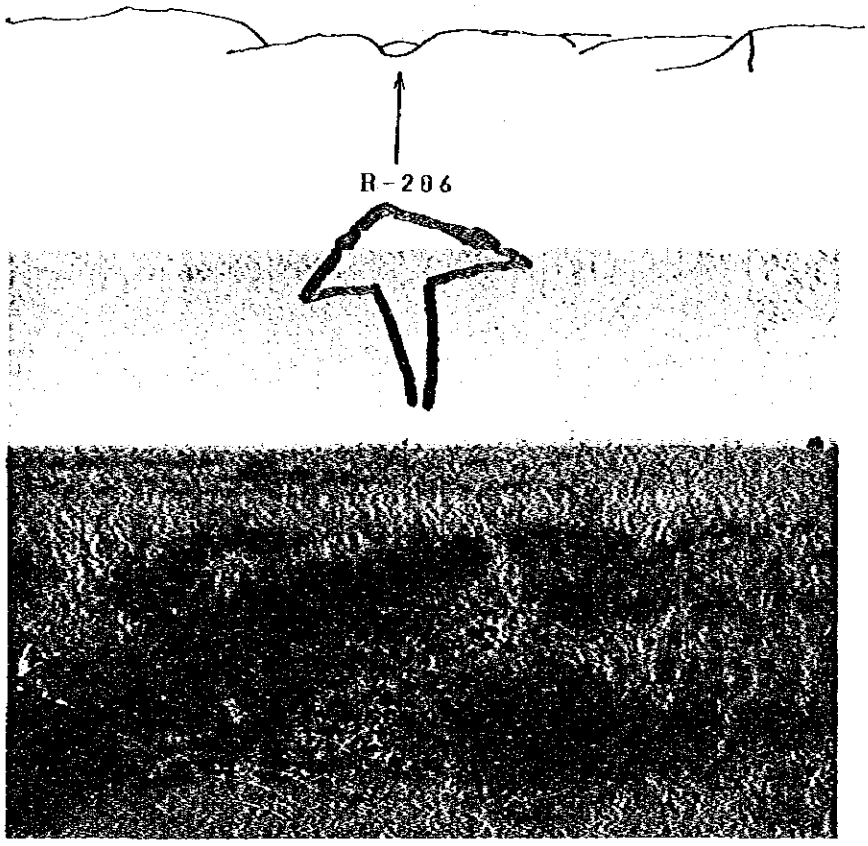
The length of road to be constructed newly will be 1.5km(B∿C). Correction of existing road will be necessary over a distance of 1km (A∿B).

Attached DWG. 4-1-73 Guide Map of R-207 (Antsongoaombo)

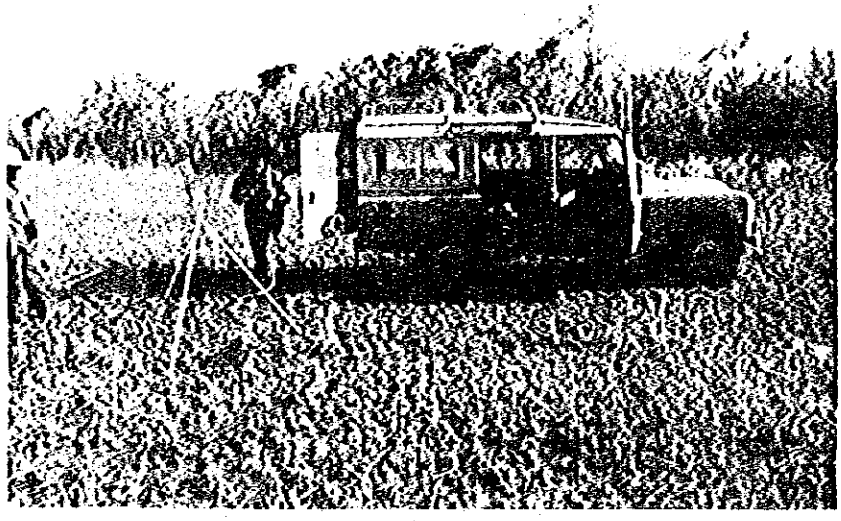


Attached DWG. 4-1-74 A Distant View of R-207 (Antsongoambo) from Basin Field

Behind here a small hill (502m in height) stands.

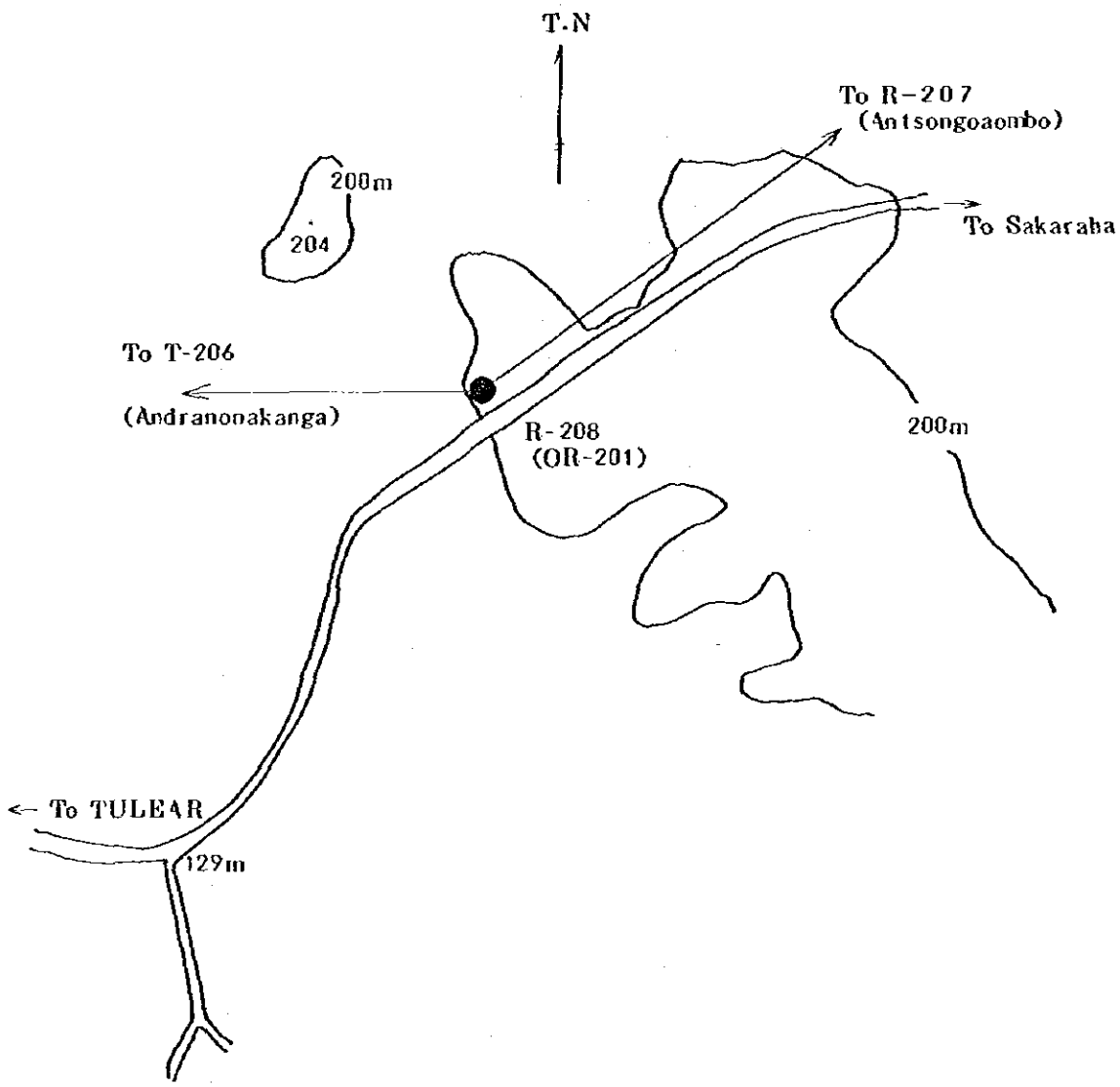


Attached DWG. 4-1-75 A Distant View of R-206 (Andranonakanga) from the Field Near R-207 (Antsongoambo)



Attached DWG. 4-1-76 Bottom of Small Hill where Upper Photo Was Taken

(Site R-207 is hebind this small hill.)



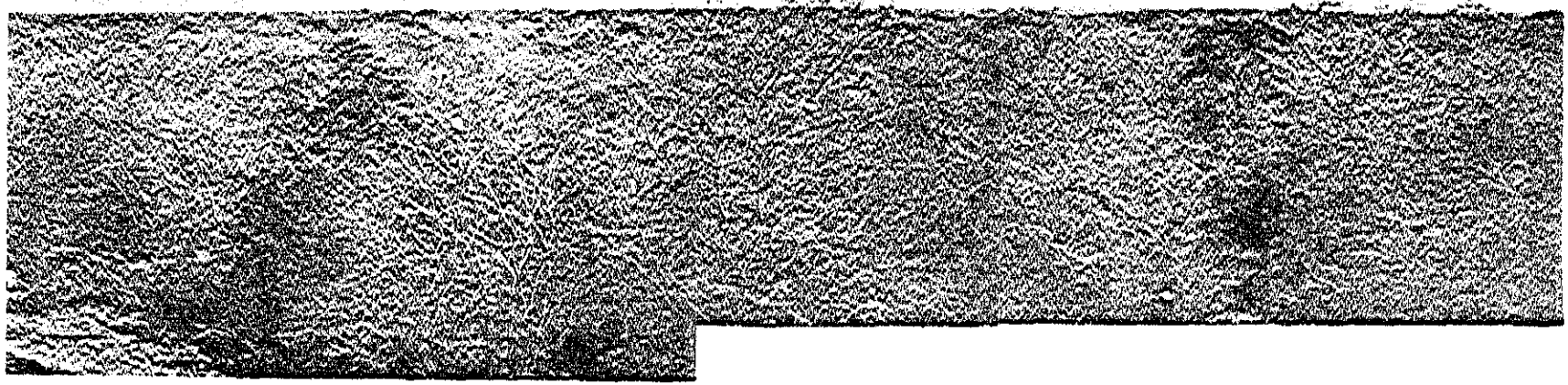
1) Site R-208

Buses should be cut.

2) Access Road

Proposed site is facing National Road No.7.

Attached DWG. 4-1-77 Guide Map of R-208 (Ankororoka)



Attached DWG. 4-1-78 Site Snap of R-208 (Ankororoka) from No.7 National Road

Appendix 4-2

Path Profiles

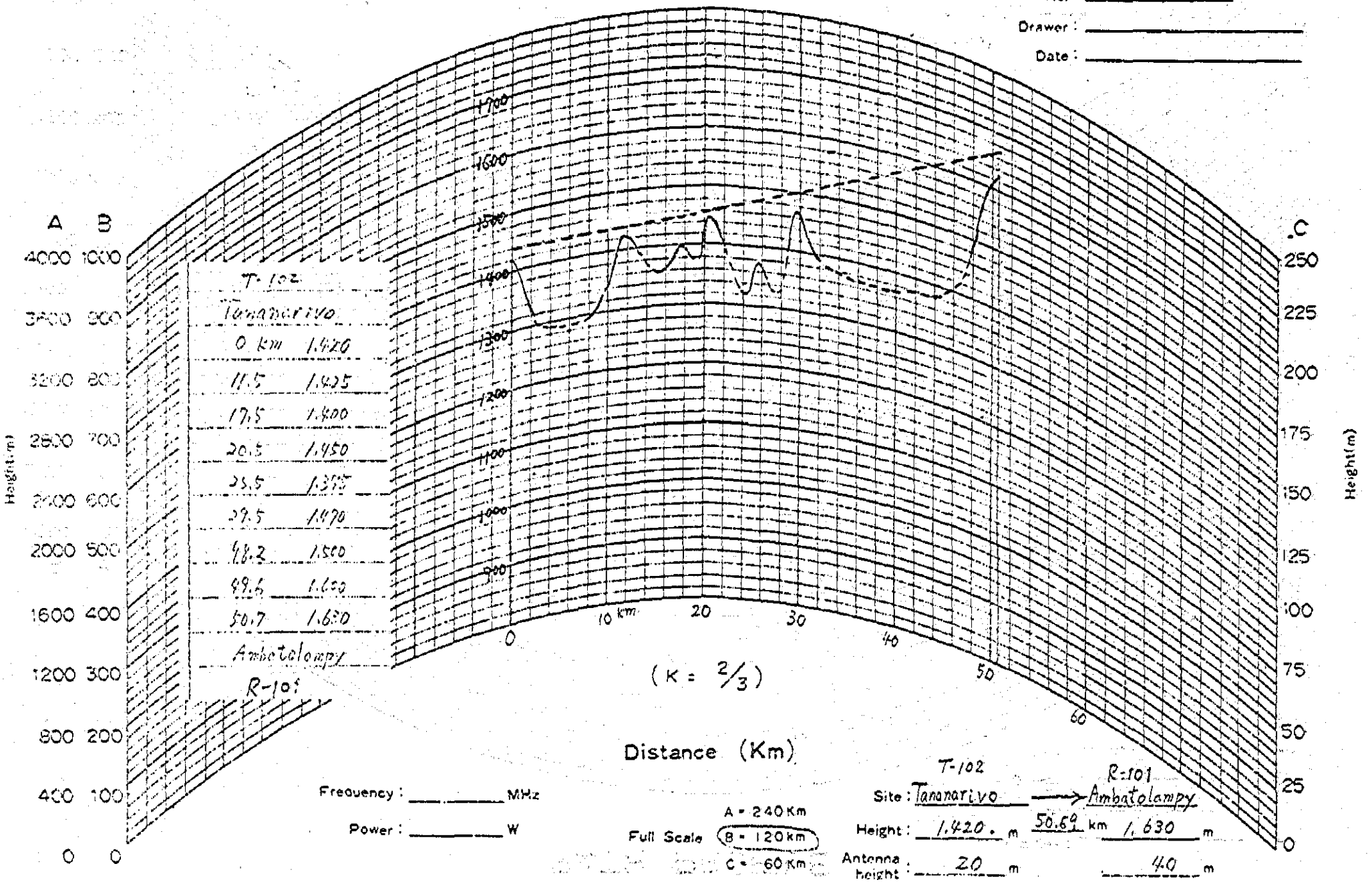
PATH PROFILE

Name of Route : _____

No. : (1)

Drawer : _____

Date : _____



Frequency : _____ MHz

Power : _____ W

Full Scale A = 240 Km, B = 120 km, C = 60 Km

	T-102		R-101
Site :	Tananarivo	→	Ambatolampy
Height :	1.420. m	50.69 km	1.630 m
Antenna height :	20 m		40 m

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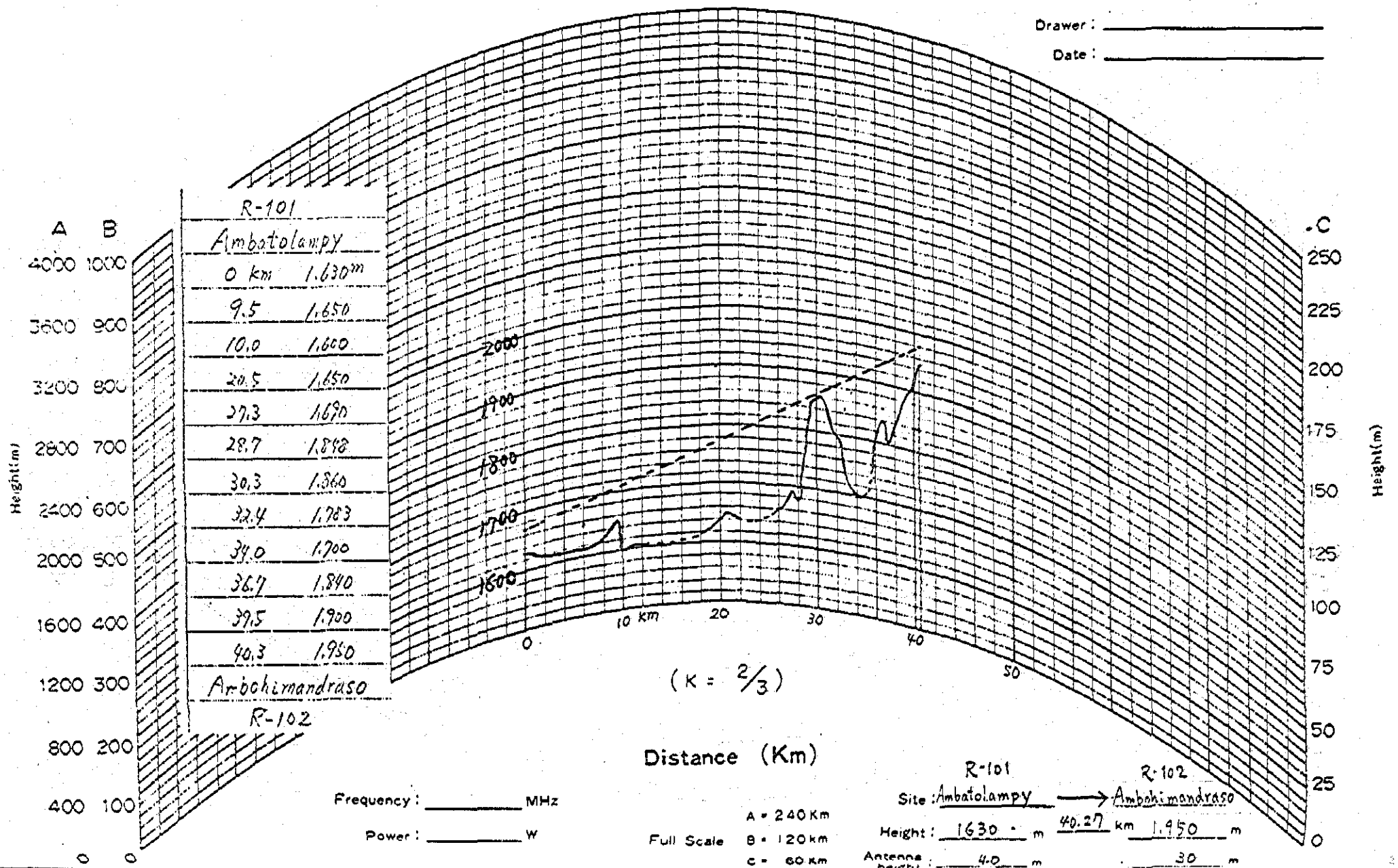
PATH PROFILE

Name of Route : _____

No. : (2)

Drawer : _____

Date : _____



Frequency : _____ MHz

Power : _____ W

Full Scale A = 240 Km
B = 120 km
C = 60 Km

	R-101		R-102
Site :	Ambatolampy	→	Ambohimandraso
Height :	1630 m	40.27 km	1.950 m
Antenna height :	40 m		30 m

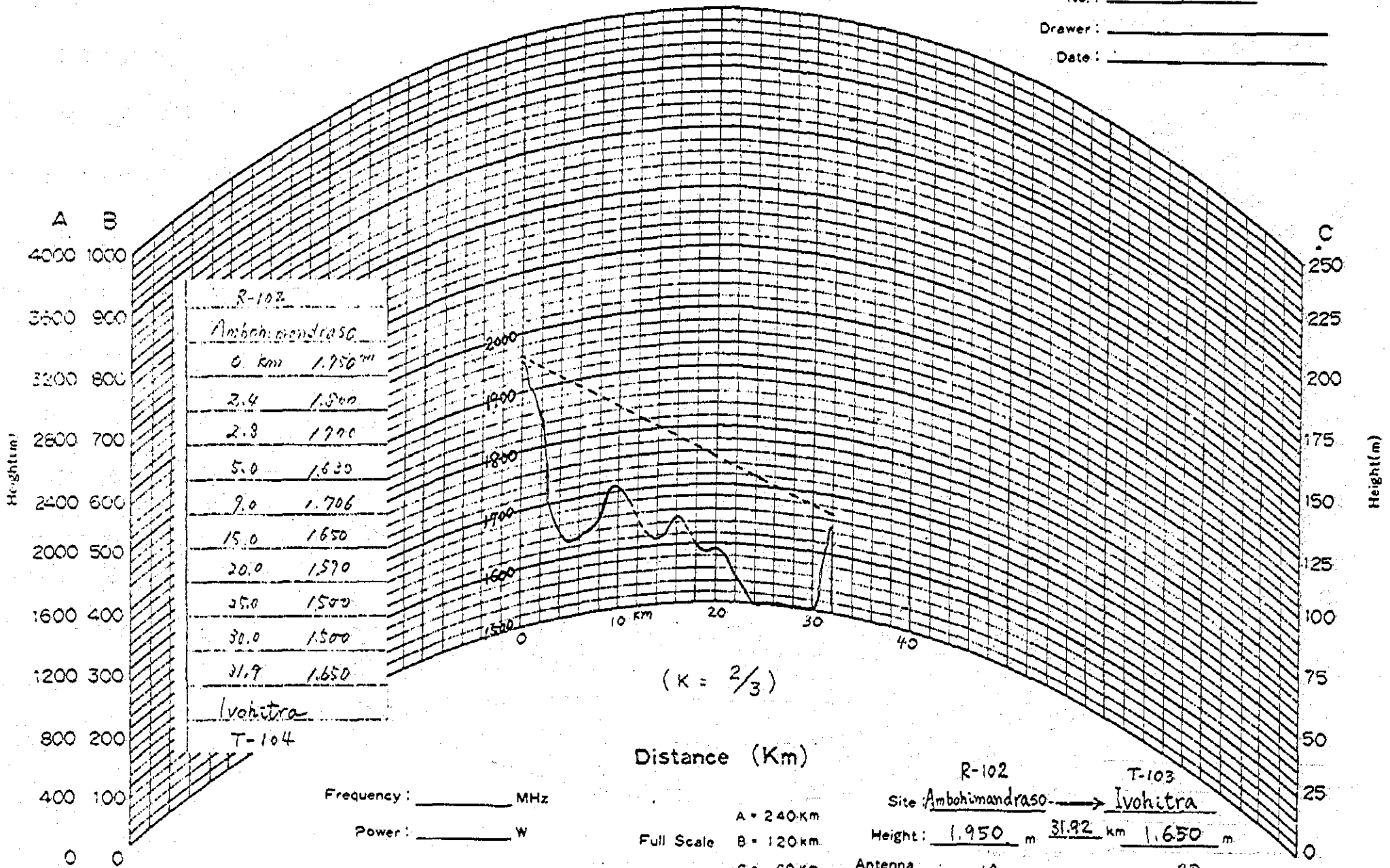
PATH PROFILE

Name of Route : _____

No. : (3)

Drawer : _____

Date : _____



Distance (Km)

Frequency : _____ MHz

Power : _____ W

Full Scale A = 240 Km
B = 120 km
C = 60 Km

	R-102		T-103
Site	Ambohimandraso	⟶	Ivohitra
Height :	1.950 m	31.92 km	1.650 m
Antenna height :	10 m		20 m

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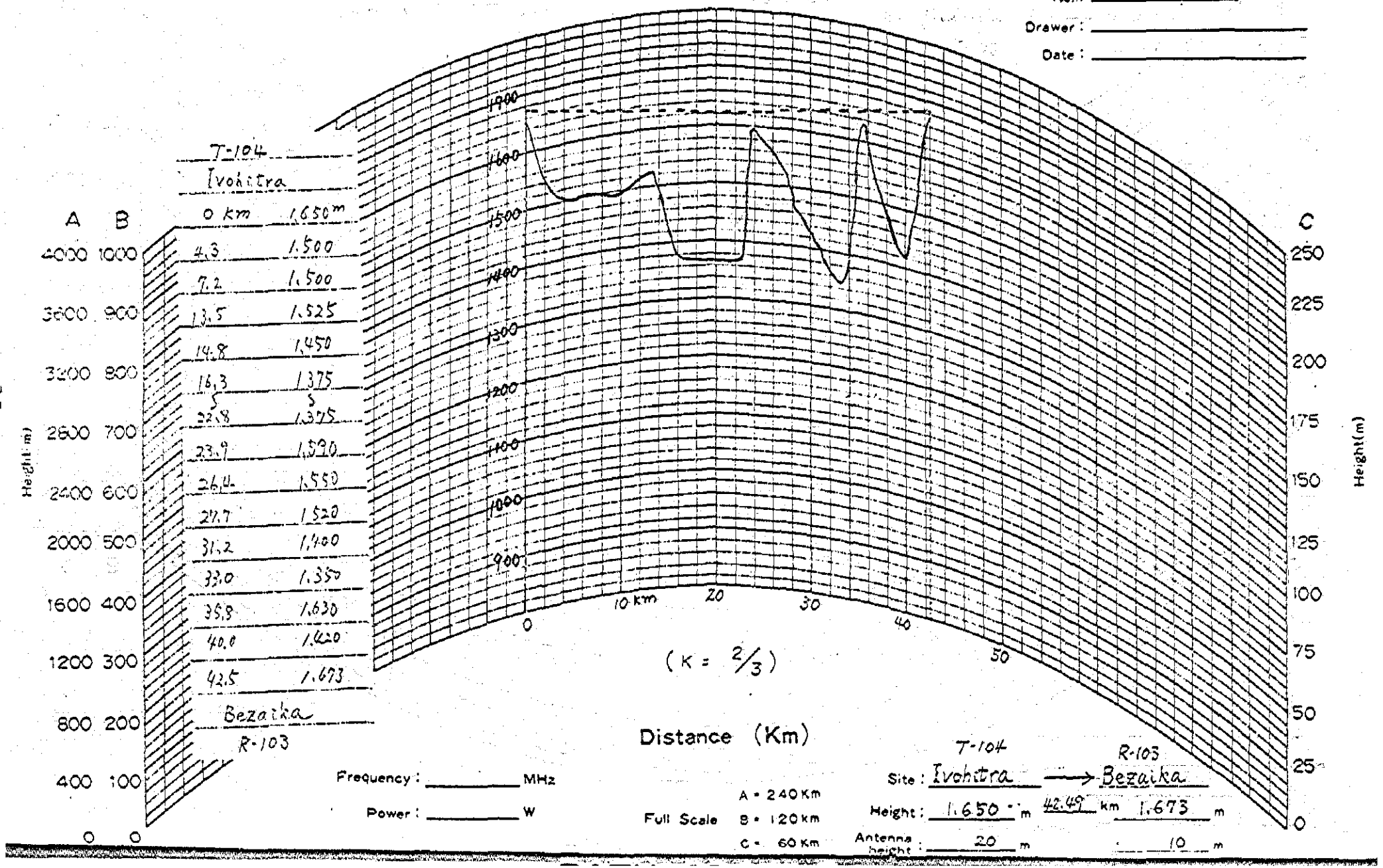
PATH PROFILE

Name of Route : _____

No. : (4)

Drawer : _____

Date : _____



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Frequency : _____ MHz

Power : _____ W

Full Scale A = 240 Km
B = 120 km
C = 60 Km

	T-104	R-103
Site :	Ivohitra	Bezaika
Height :	1,650 m	42.49 km 1,673 m
Antenna height :	20 m	10 m

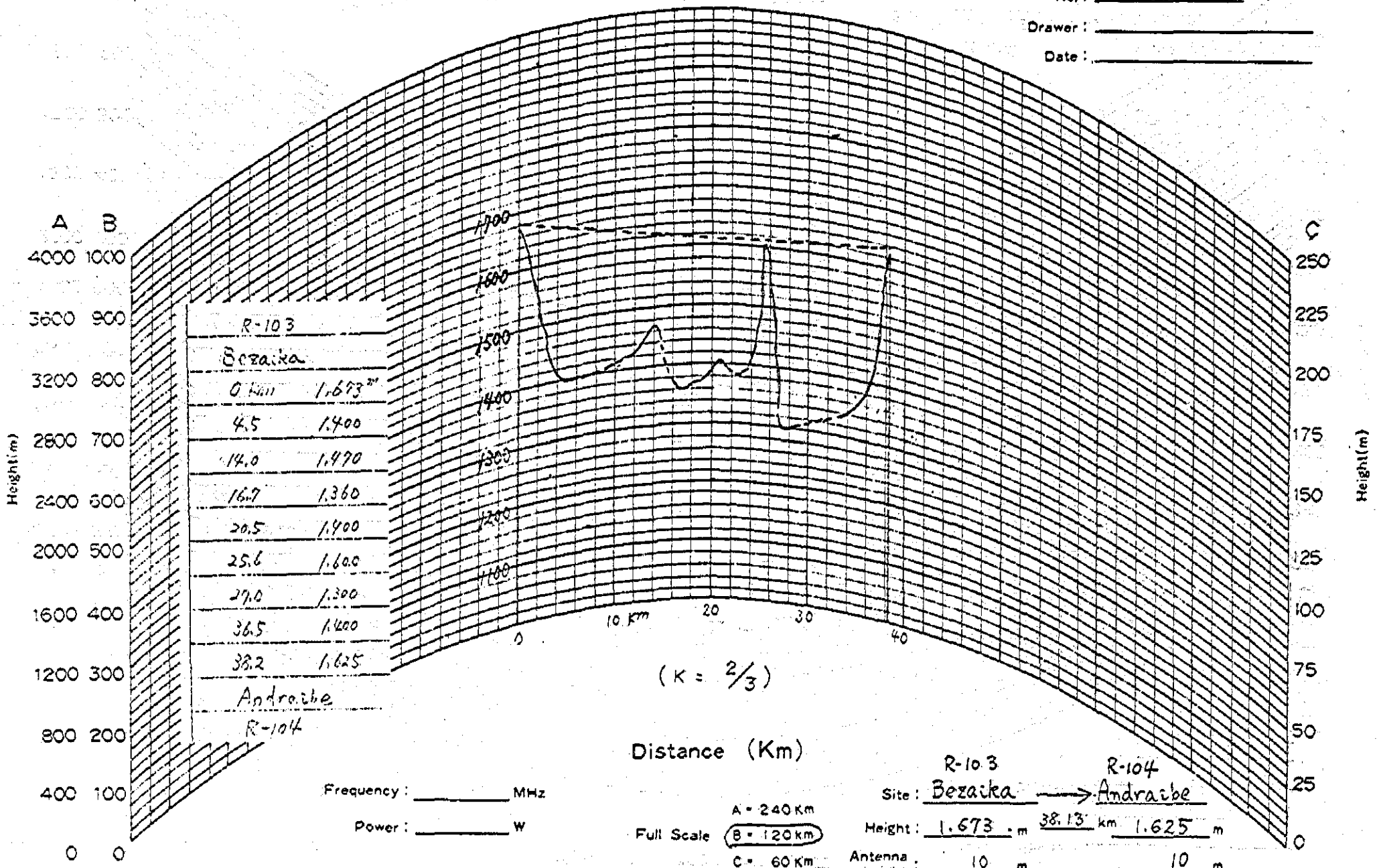
PATH PROFILE

Name of Route : _____

No. : (5)

Drawer : _____

Date : _____



Frequency : _____ MHz

Power : _____ W

Full Scale A = 240 Km, B = 120 km, C = 60 Km

	R-103		R-104
Site :	Bezaika	→	Andraibe
Height :	1.673 m	38.13 km	1.625 m
Antenna height :	10 m		10 m

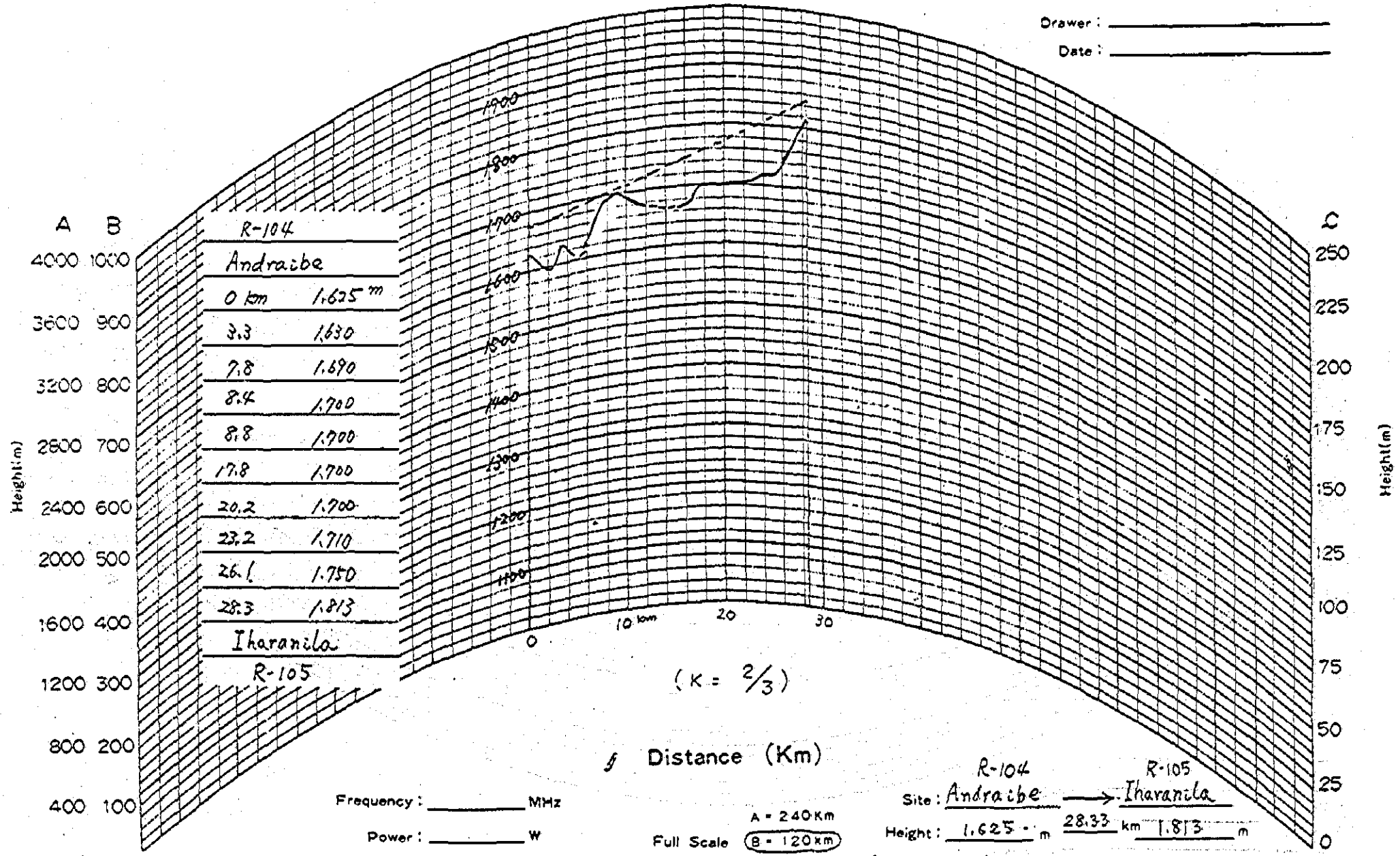
PATH PROFILE

Name of Route : _____

No. : (6)

Drawer : _____

Date : _____



Frequency : _____ MHz

Power : _____ W

Full Scale A = 240Km, B = 120km, C = 60 Km

Site :	R-104 Andraibe	→	R-105 Iharanila
Height :	1,625 m	28.33 km	1,813 m
Antenna height :	50 m		35 m

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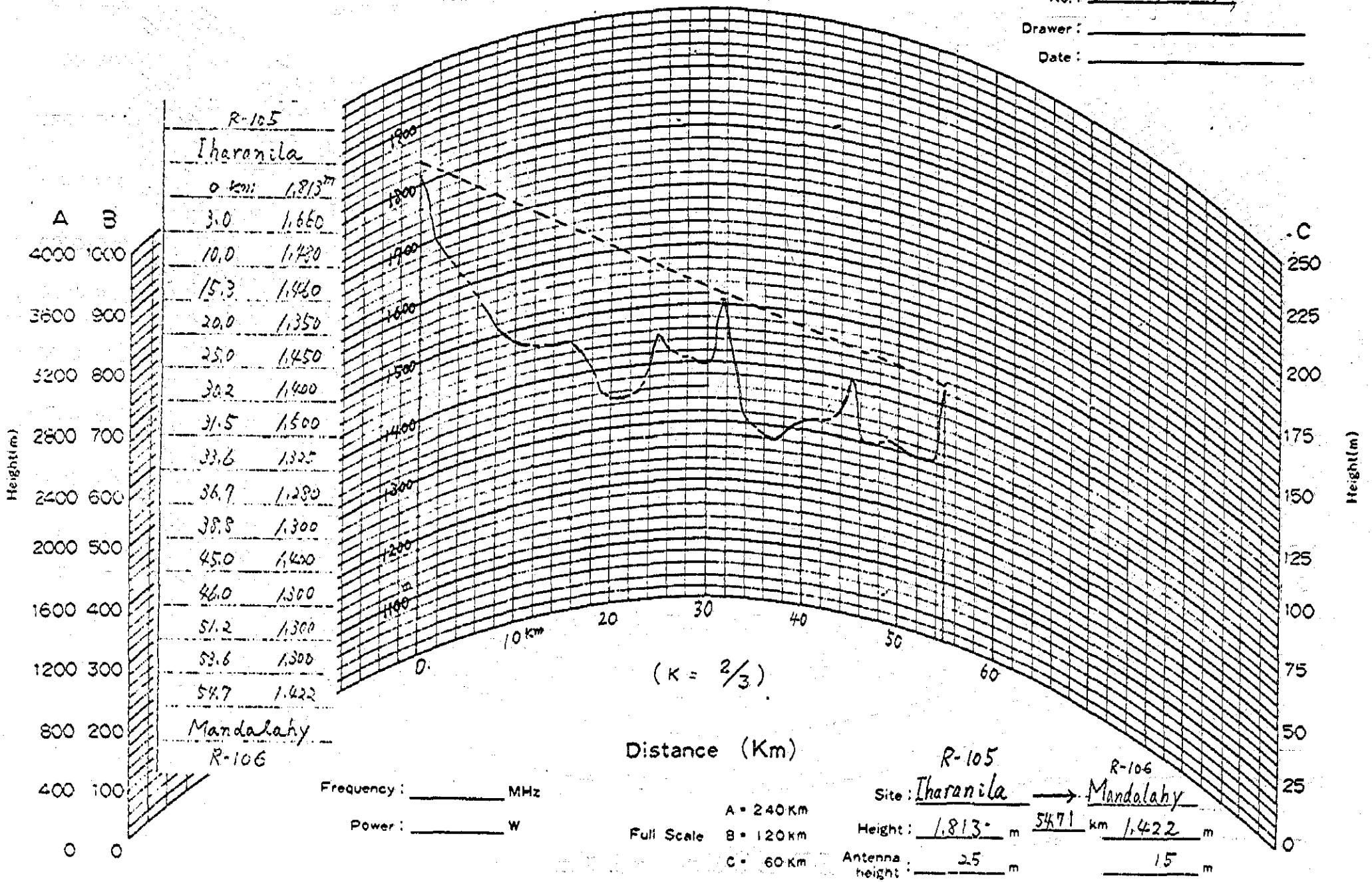
PATH PROFILE

Name of Route : _____

No. : (7)

Drawer : _____

Date : _____



Frequency : _____ MHz

Power : _____ W

Full Scale A = 240 Km
B = 120 Km
C = 60 Km

R-105 → R-106

Site : Iharanila → Mandalahy

Height : 1,813 m | 54.7 km | 1,422 m

Antenna height : 25 m | 15 m

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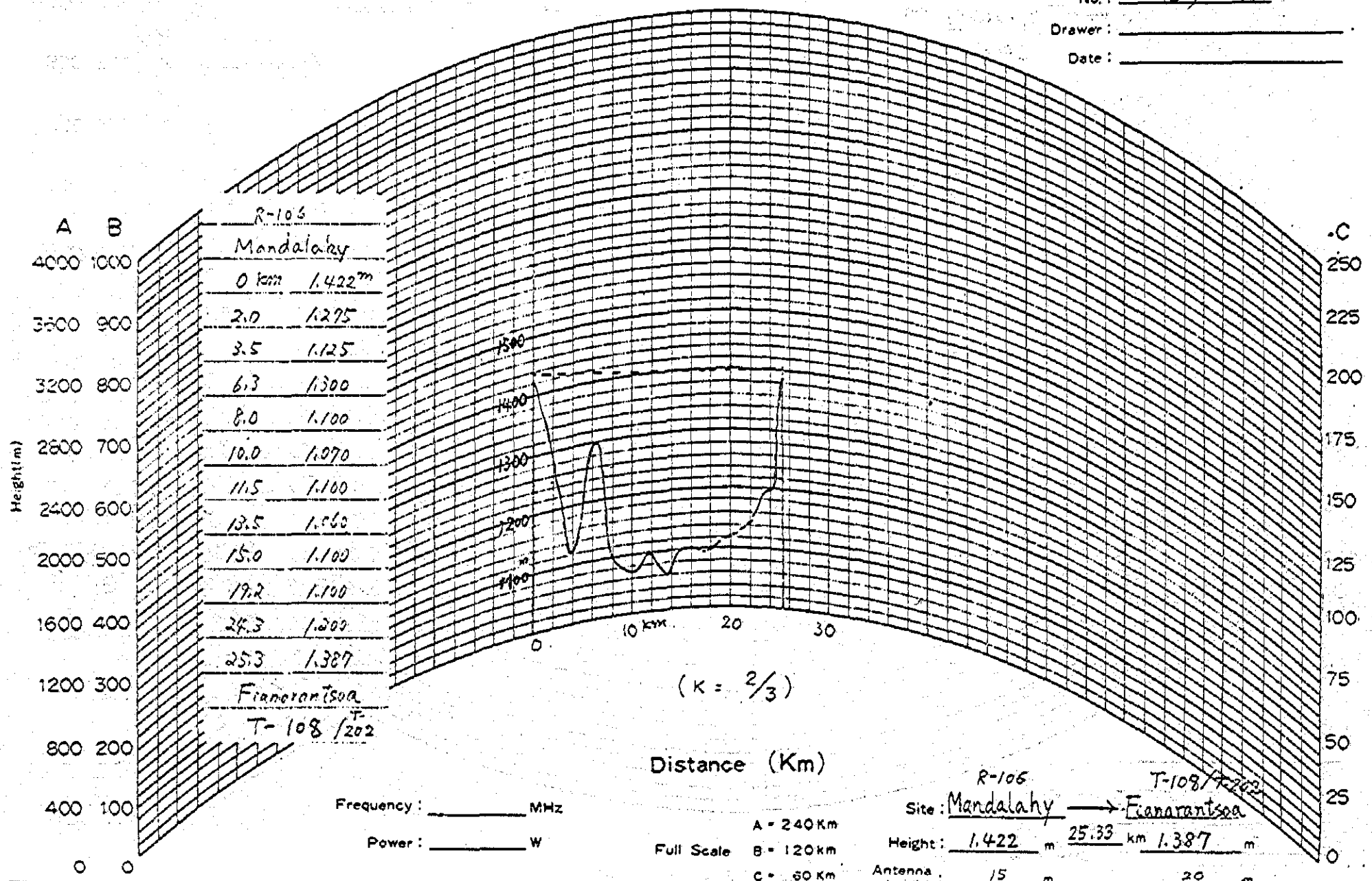
PATH PROFILE

Name of Route : _____

No. : (8)

Drawer : _____

Date : _____



Frequency : _____ MHz

Power : _____ W

Full Scale A = 240 Km
B = 120 km
C = 60 Km

R-106 T-108/T-202

Site : Mandalahy → Fianarantsoa

Height : 1.422 m 25.33 km 1.387 m

Antenna height : 15 m 20 m

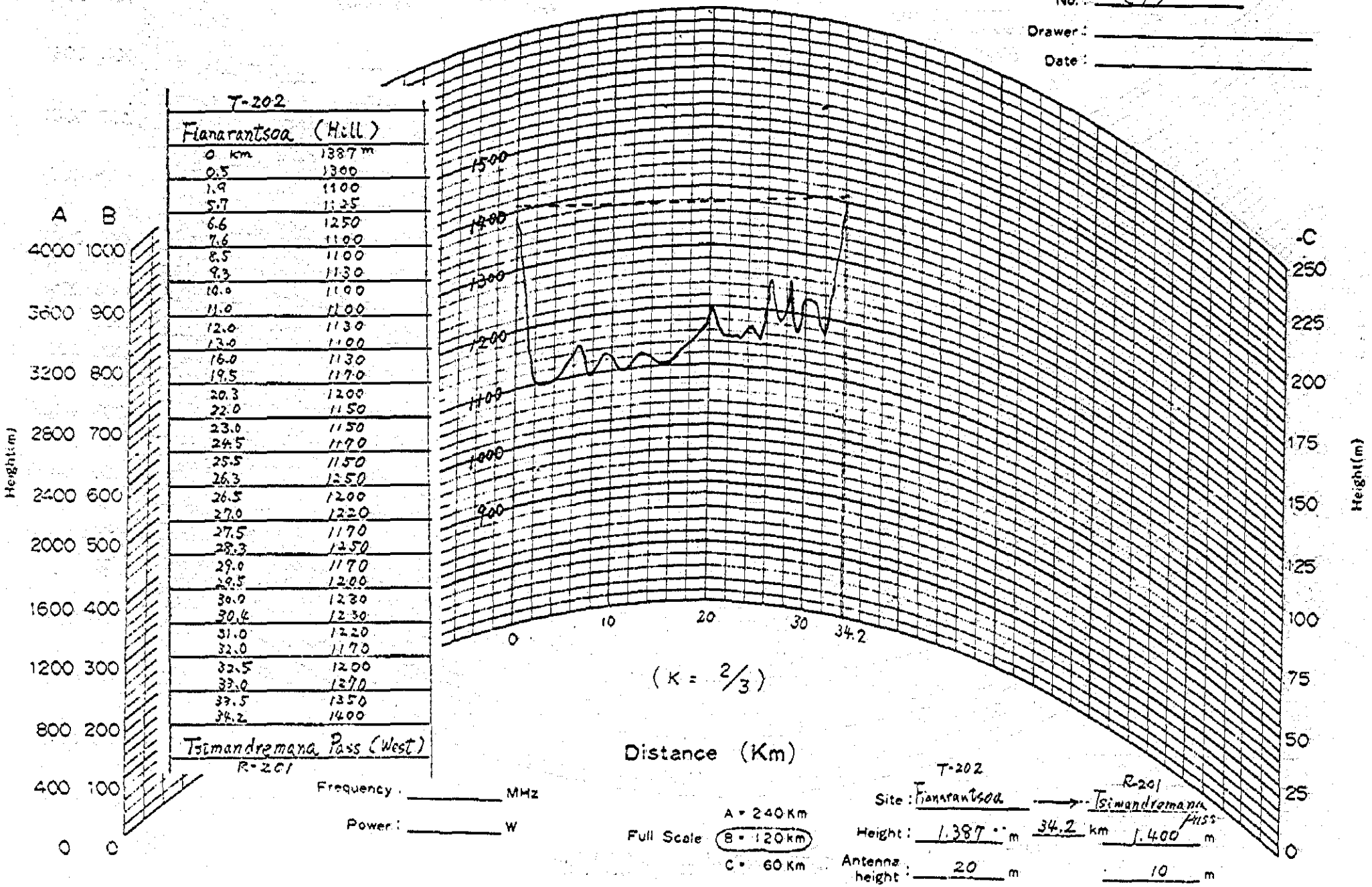
PATH PROFILE

Name of Route : _____

No. : (9)

Drawer : _____

Date : _____



T-202	
Flanarantsoa (Hill)	
0 km	1387 m
0.5	1300
1.9	1100
5.7	1135
6.6	1250
7.6	1100
8.5	1100
9.3	1130
10.0	1100
11.0	1100
12.0	1130
13.0	1100
16.0	1130
19.5	1170
20.3	1200
22.0	1150
23.0	1150
24.5	1170
25.5	1150
26.3	1250
26.5	1200
27.0	1220
27.5	1170
28.3	1250
29.0	1170
29.5	1200
30.0	1230
30.6	1230
31.0	1220
32.0	1170
32.5	1200
33.0	1270
33.5	1350
34.2	1400
Tsimandremana Pass (West)	
R-201	

Frequency : _____ MHz

Power : _____ W

Full Scale A = 240 Km / B = 120 km / C = 60 Km

T-202 → R-201

Site : Flanarantsoa → Tsimandremana Pass

Height : 1.387 m — 34.2 km — 1.400 m

Antenna height : 20 m — 10 m

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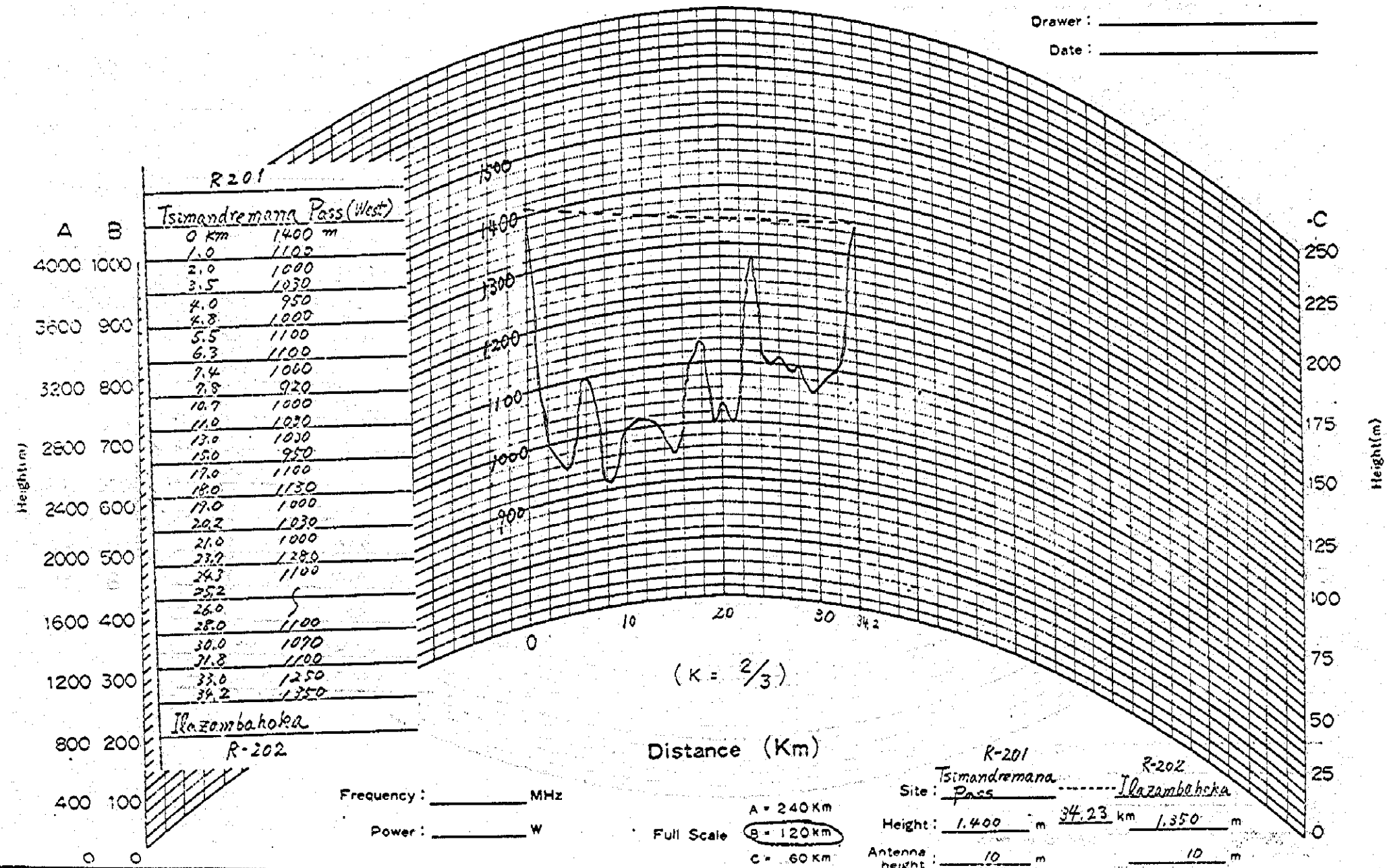
PATH PROFILE

Name of Route : _____

No. : (18)

Drawer : _____

Date : _____



Distance (Km)

Frequency : _____ MHz

Power : _____ W

Full Scale A = 240 Km, B = 120 Km, C = 60 Km

Site :	R-201 Tsimandremana Pass	R-202 Ilazambahoka
Height :	1.400 m	34.23 km 1.350 m
Antenna height :	10 m	10 m

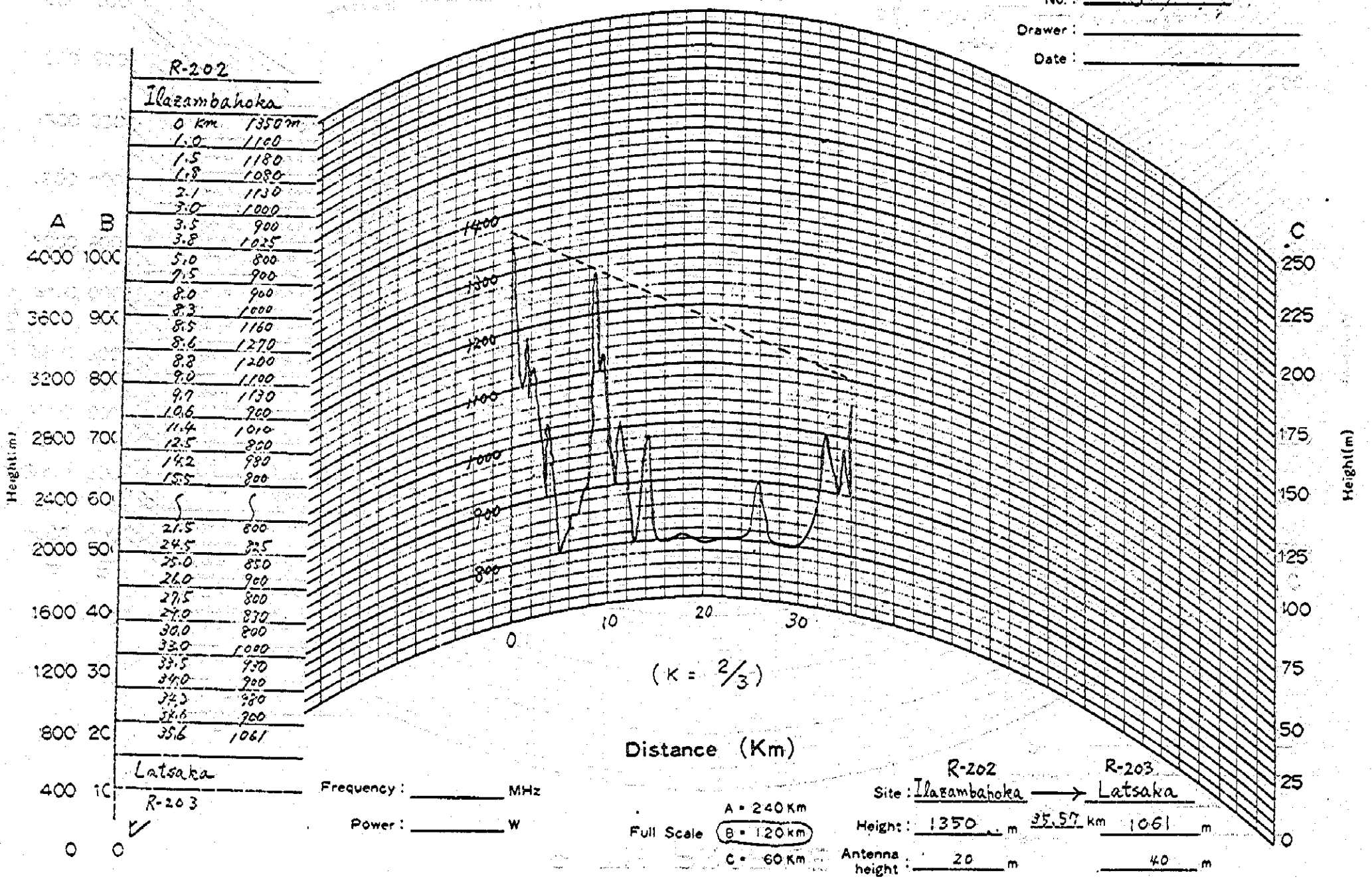
PATH PROFILE

Name of Route :

No. : (11)

Drawer :

Date :



Frequency : _____ MHz

Power : _____ W

Full Scale A = 240 Km, B = 120 Km, C = 60 Km

	R-202		R-203	
Site :	Ilazambahoka	→	Latsaka	
Height :	1350 m	35.57 km	1061 m	
Antenna height :	20 m		40 m	