



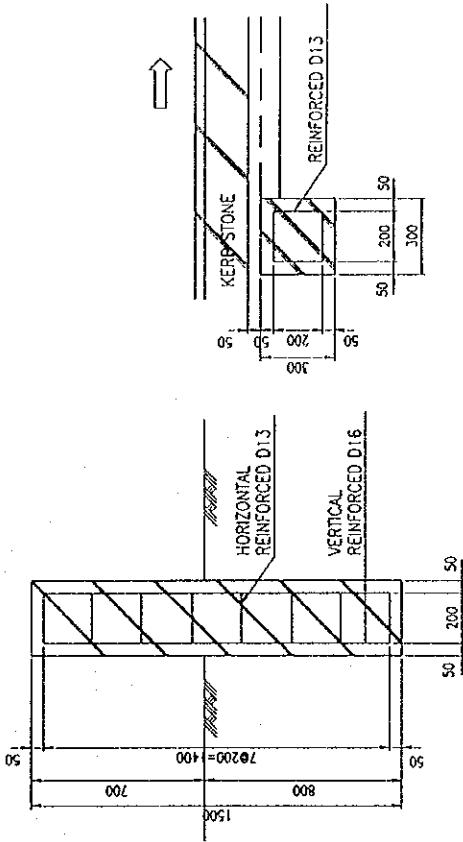


GUARD BLOCK S=1/20

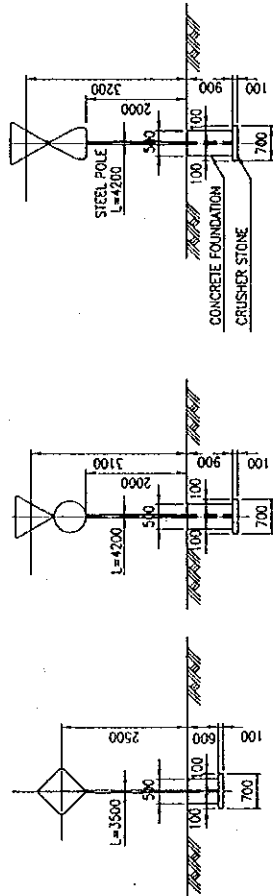
SIGNS

	PEDESTRIAN CROSSING	REMARKS • The post to hang out these signs shall be protected by the guard block shown in the other drawing.
	BUS STOP	
	ROUND ABOUT (GIVE WAY)	
	STOP	

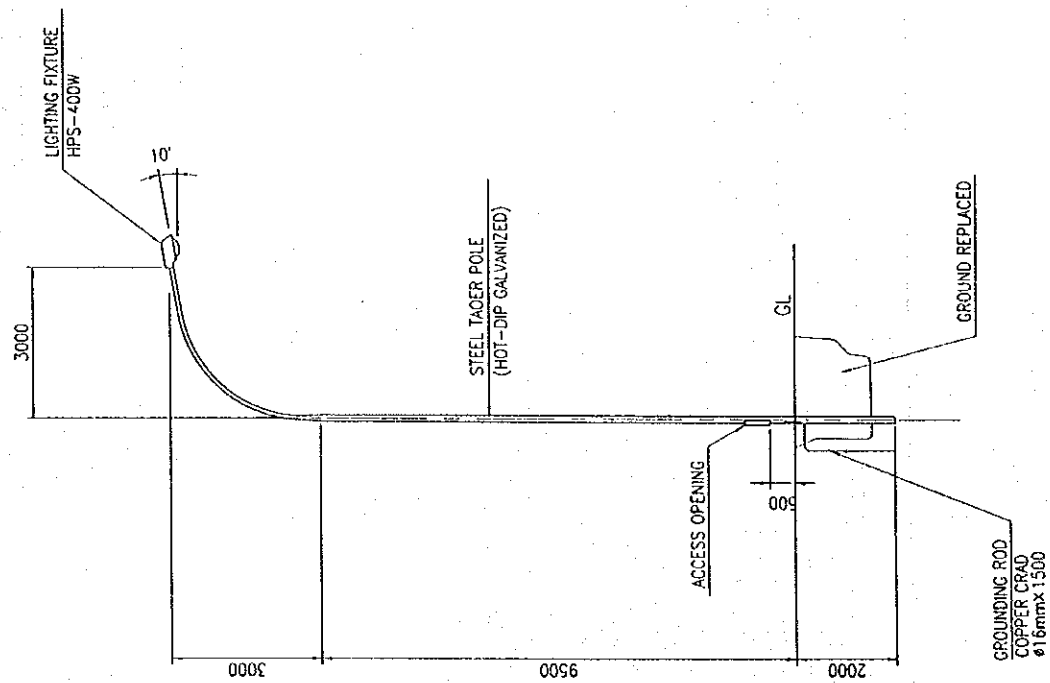


DETAIL OF TRAFFIC SIGN S=1:100

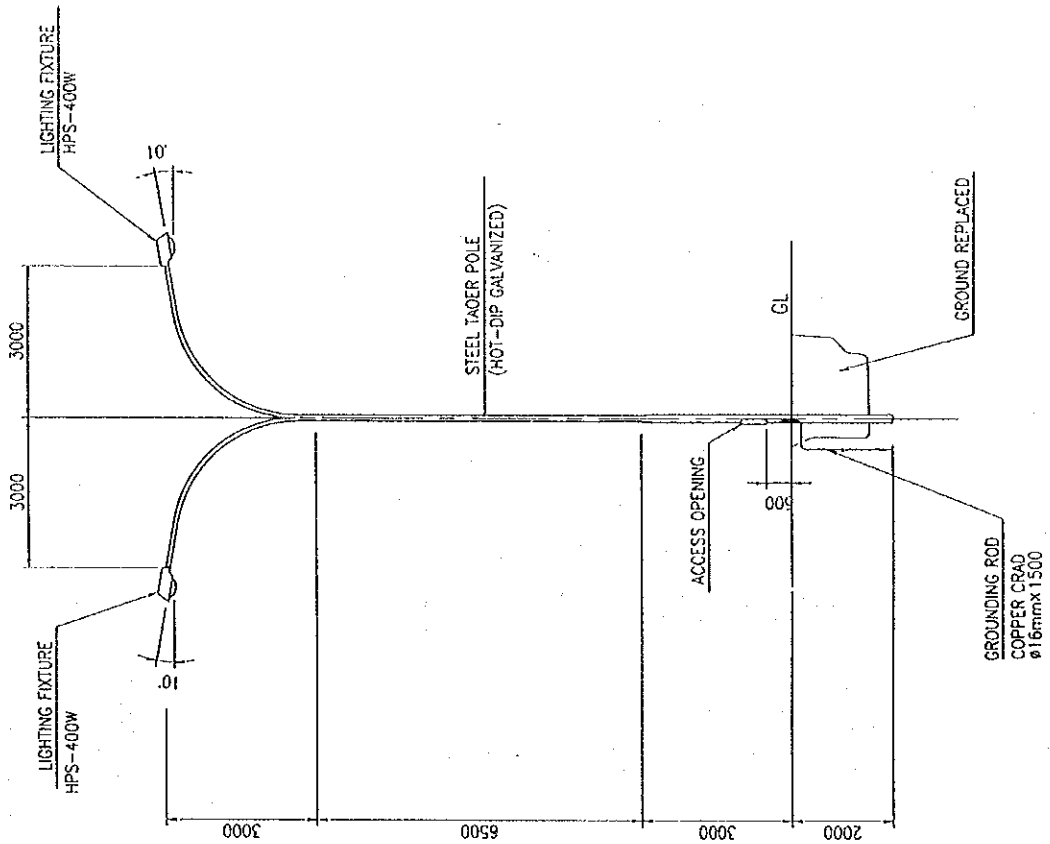
HUMP S=1:50



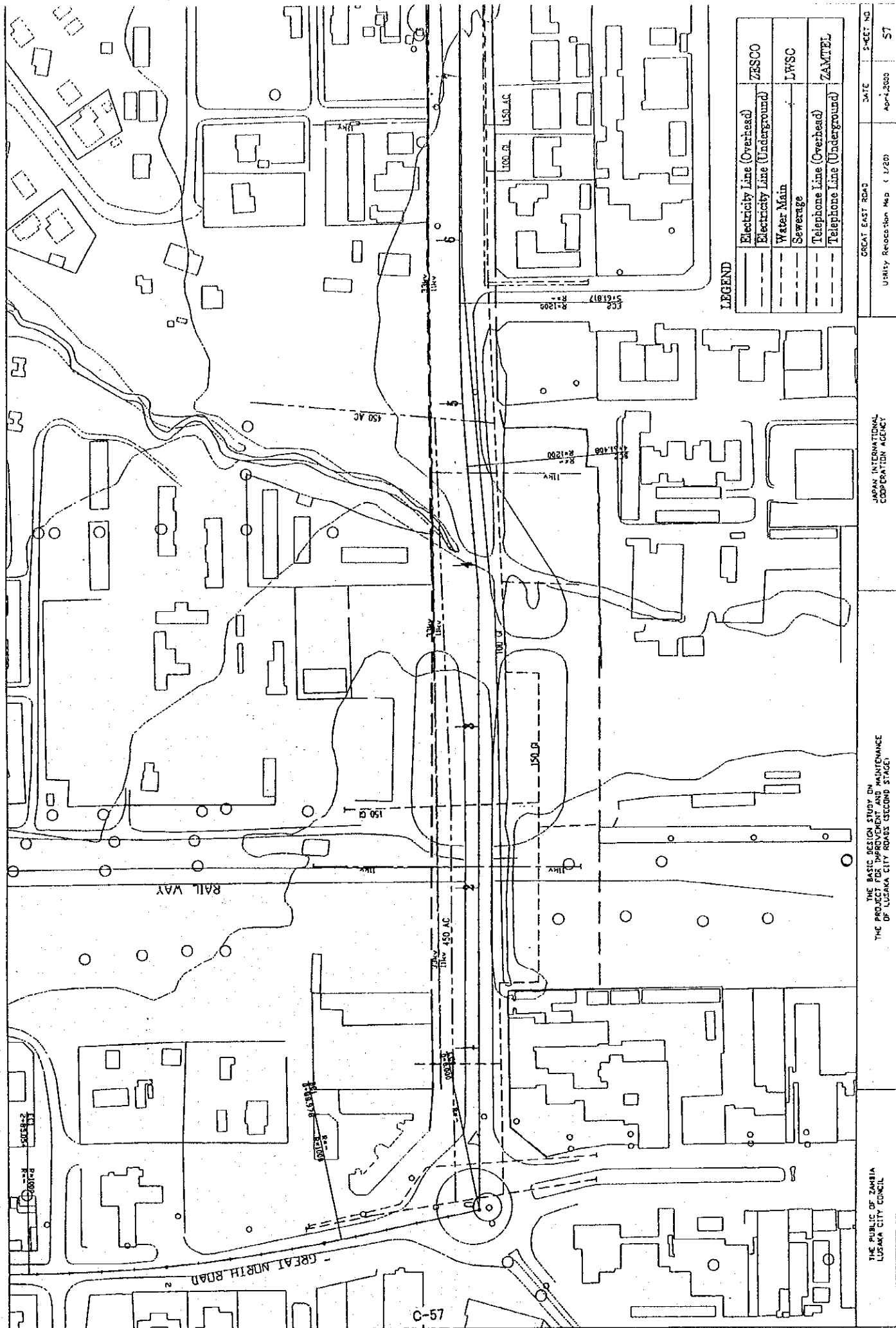
STREET LIGHT POLE TYPE -A



STREET LIGHT POLE TYPE -B

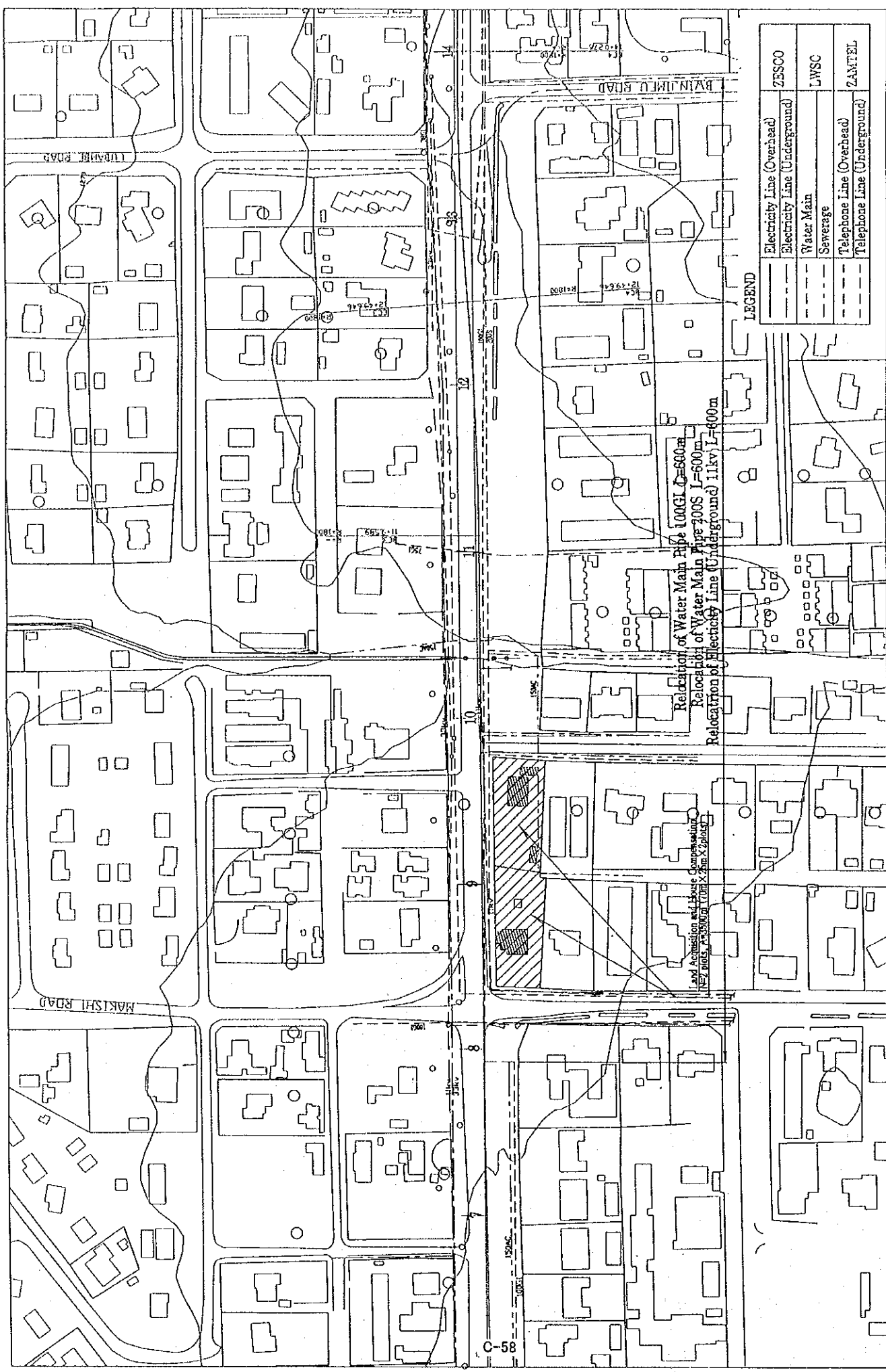


<p>THE PUBLIC OF ZAMBIA LUSAKA CITY COUNCIL</p>	<p>THE BASIC DESIGN STUDY ON THE PROJECT OF IMPROVING THE MAINTENANCE OF LUSAKA CITY ROADS (SECOND STAGE)</p> <p>WPA INTERNATIONAL COOPERATION AGENCY</p> <p>STREET LIGHT POLE STREET LIGHT POLE</p> <p>DATE APR. 2006</p> <p>SHEET NO 56</p>
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LEGEND

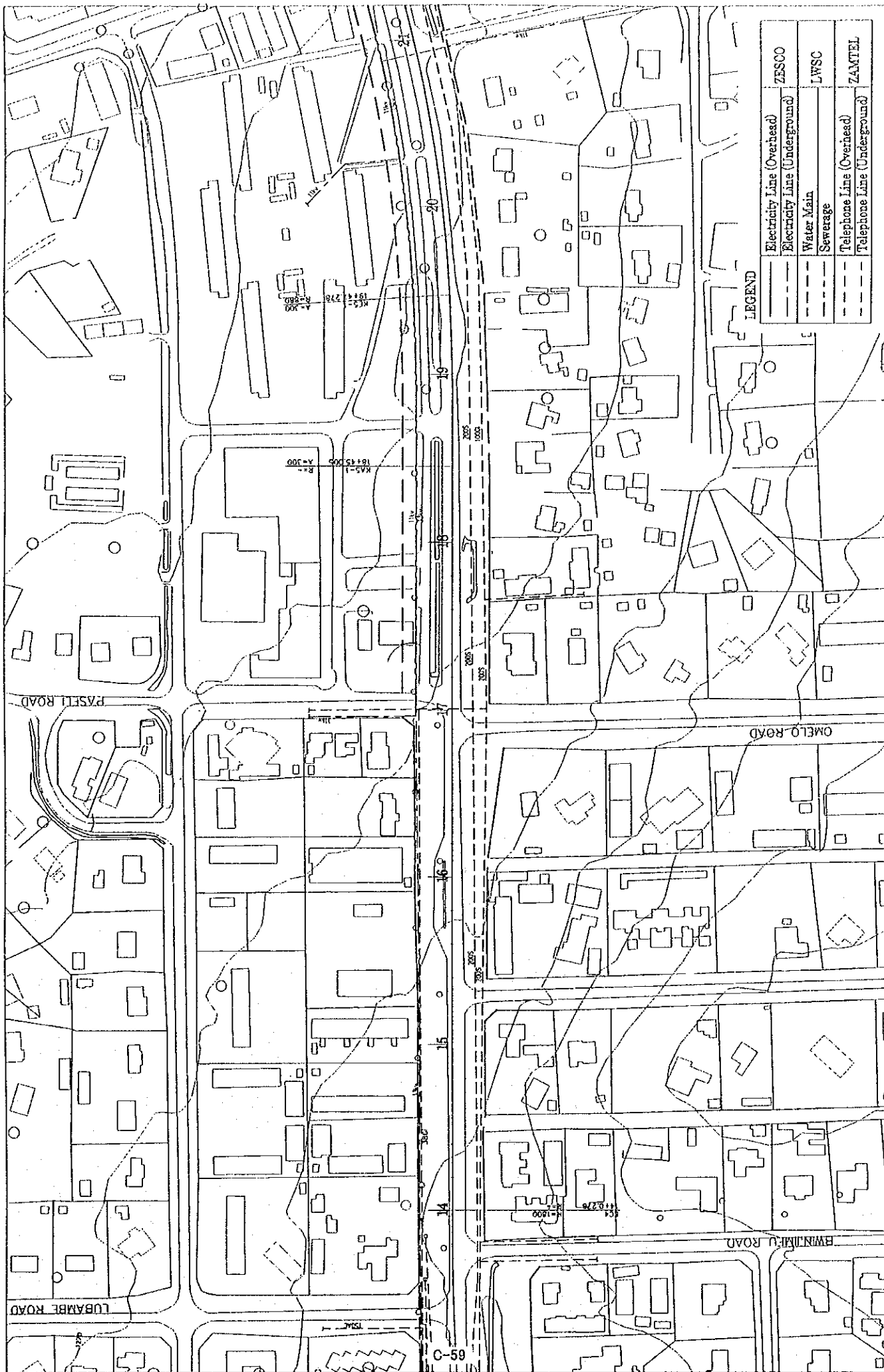
Electricity Line (Overhead)	ZESCO
Electricity Line (Underground)	ZESCO
Water Main	LWSC
Sewerage	LWSC
Telephone Line (Overhead)	ZAMTEL
Telephone Line (Underground)	ZAMTEL



LEGEND

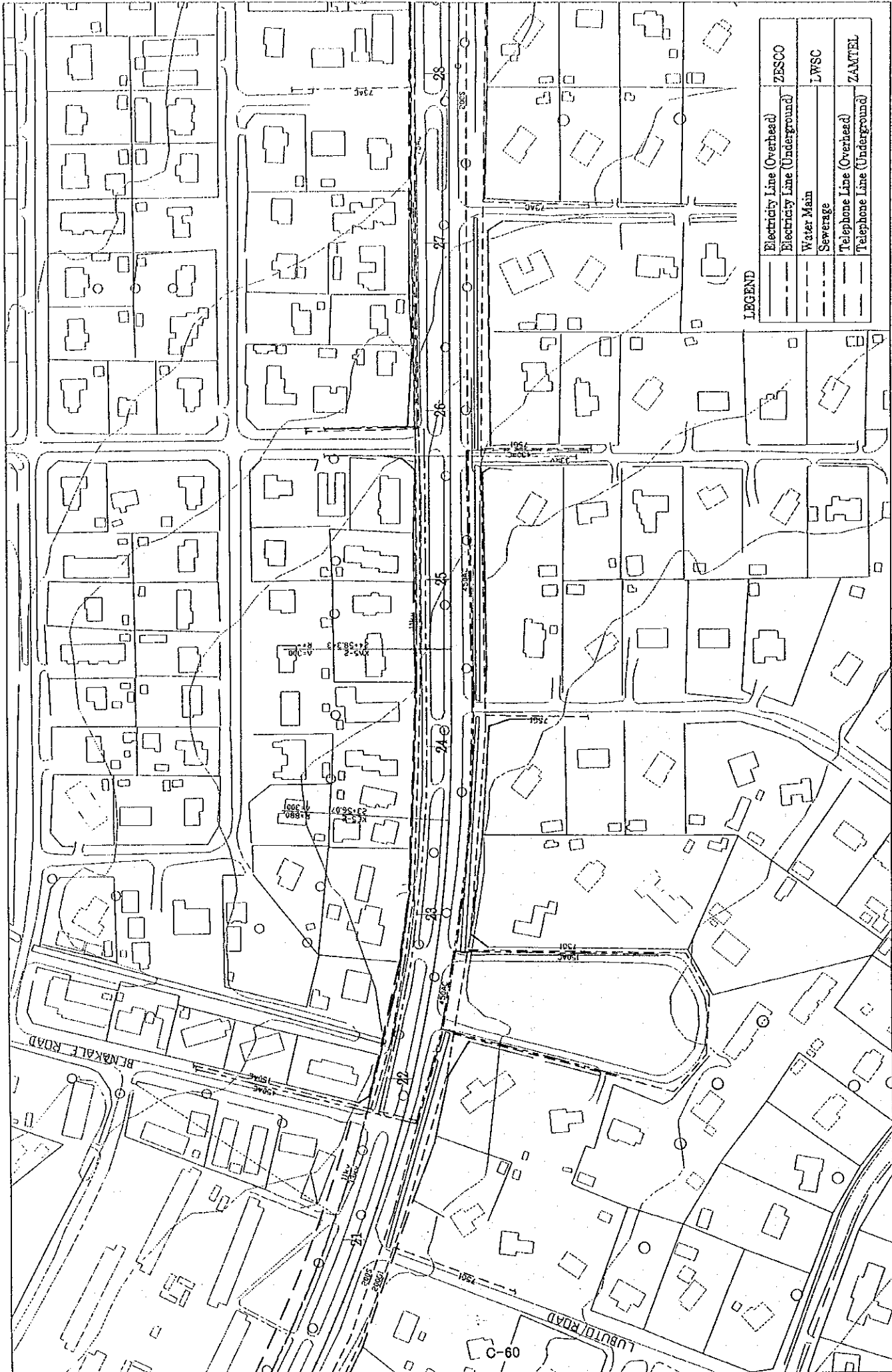
Electricity Line (Overhead)	ZESCO
Electricity Line (Underground)	LWSC
Water Main	ZAMTEL
Sewerage	
Telephone Line (Overhead)	
Telephone Line (Underground)	

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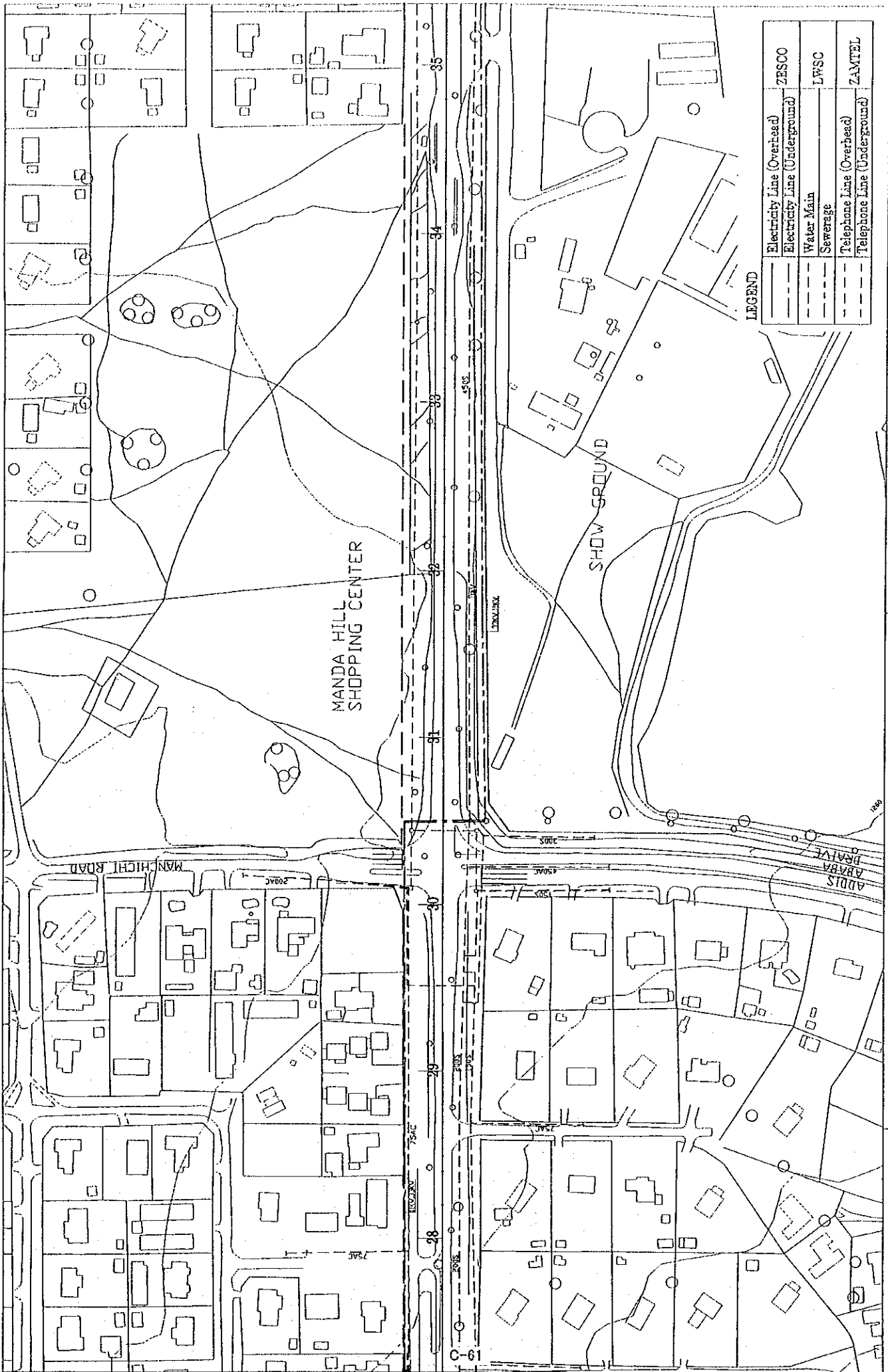
LEGEND

Electricity Line (Overhead)	ZESCO
Electricity Line (Underground)	ZESCO
Water Main	LWSC
Sewerage	LWSC
Telephone Line (Overhead)	ZAANTEL
Telephone Line (Underground)	ZAANTEL



LEGEND

—	Electricity Line (Overhead)	ZESCO
- - -	Electricity Line (Underground)	ZESCO
—	Water Main	LWSC
- - -	Sewerage	LWSC
—	Telephone Line (Overhead)	ZAMTEL
- - -	Telephone Line (Underground)	ZAMTEL



LEGEND

Electricity Line (Overhead)	ZESCO
Electricity Line (Underground)	ZESCO
Water Main	LWSC
Sewerage	LWSC
Telephone Line (Overhead)	ZAMTEL
Telephone Line (Underground)	ZAMTEL

THE PUBLIC OF ZAMBIA
LUSAKA CITY COUNCIL

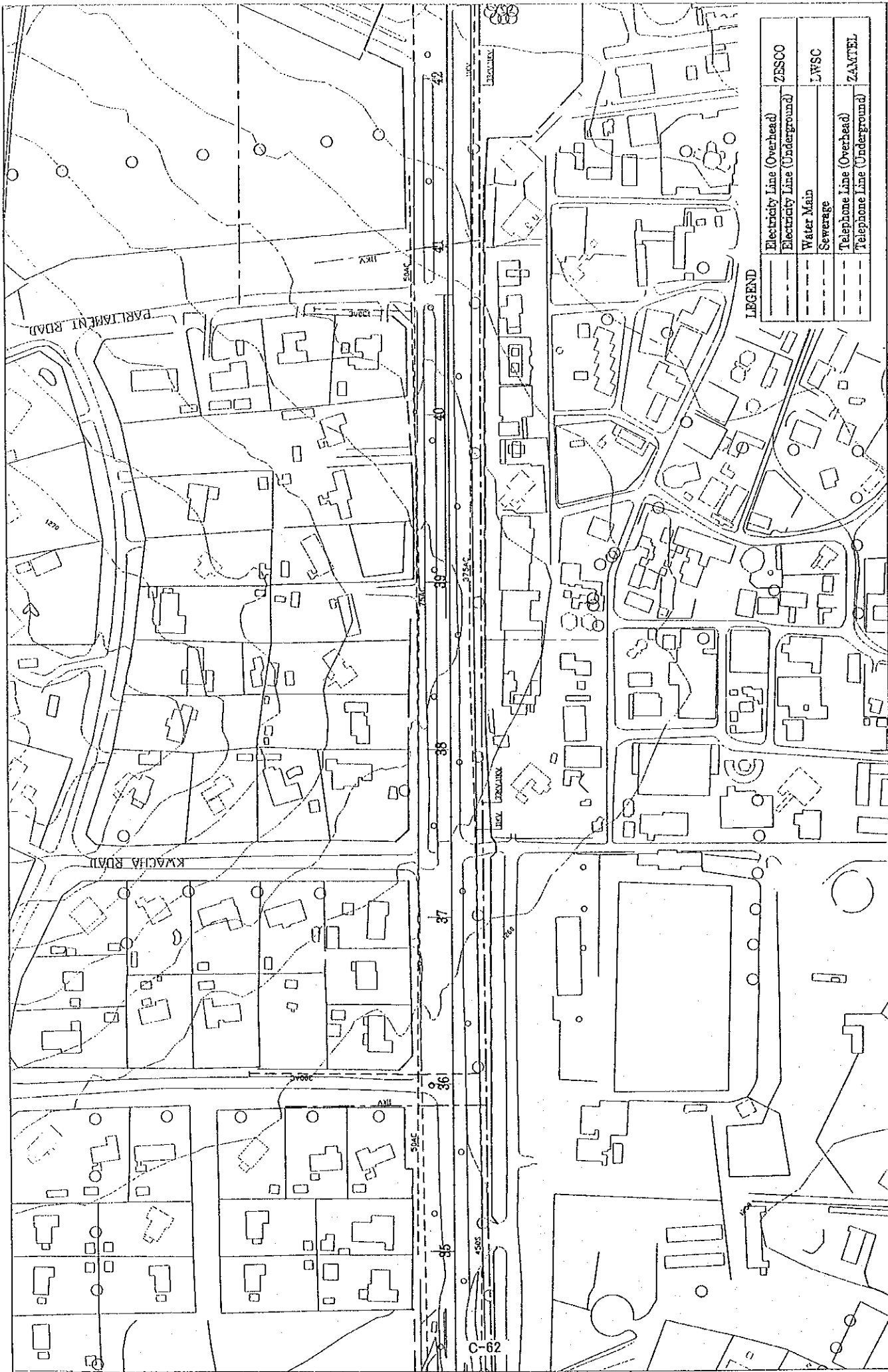
THE BASIC DESIGN STUDY ON
THE PROJECT FOR IMPROVEMENT AND MAINTENANCE
OF LUSAKA CITY ROADS (SECOND STAGE)

JAPAN INTERNATIONAL
COOPERATION AGENCY

GREAT EAST ROAD
Utility Relocation Map (5/23)

DATE
Apr., 2000

SHEET NO
61



LEGEND

Electricity Line (Overhead)	ZSSCO
Electricity Line (Underground)	ZSSCO
Water Main (Sewerage)	LWSC
Telephone Line (Overhead)	ZAMTEL
Telephone Line (Underground)	ZAMTEL

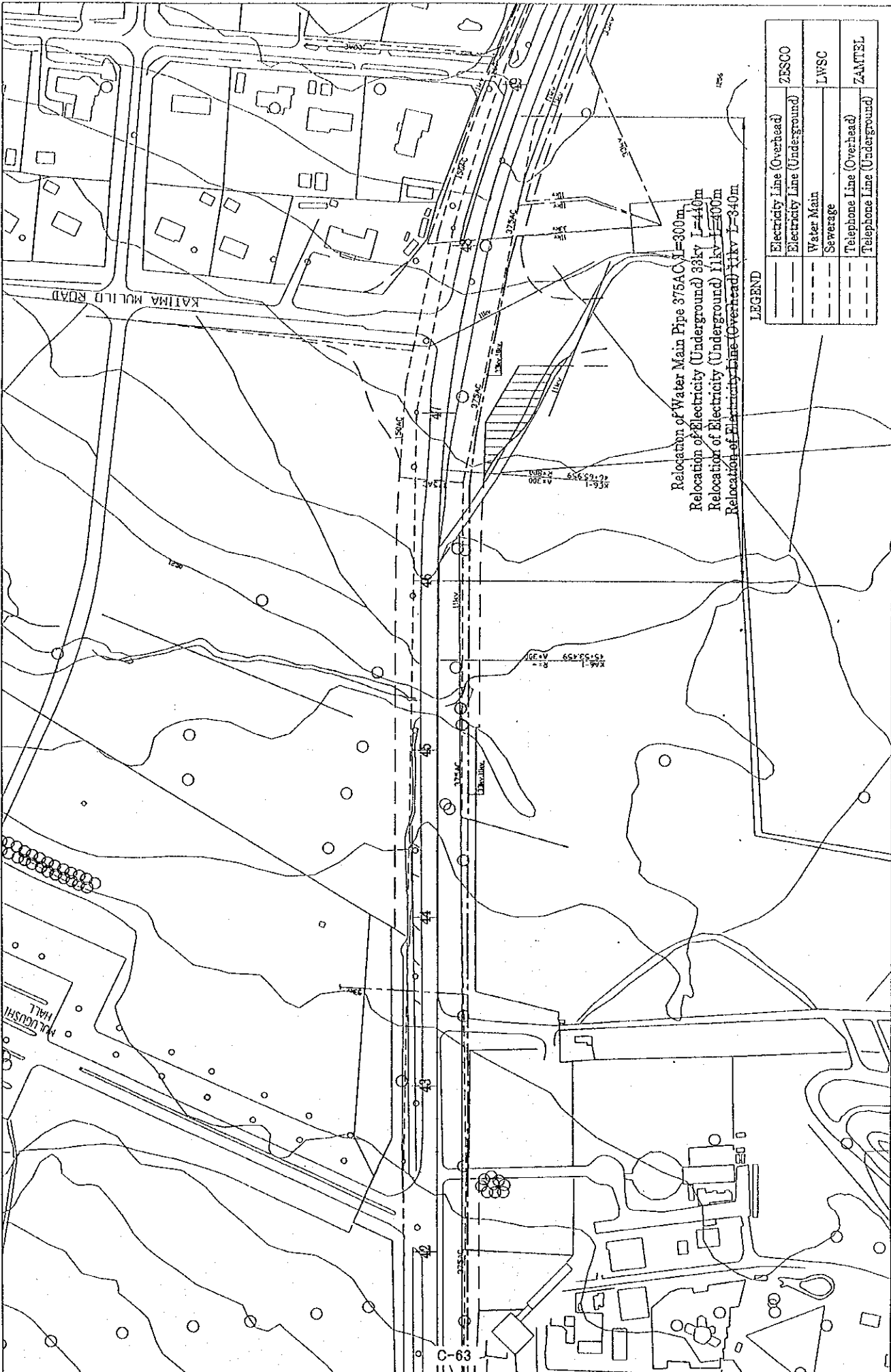
THE PUBLIC OF ZAMBIA
LUSAKA CITY COUNCIL

THE BASIC DESIGN STUDY ON
THE PROJECT FOR IMPROVEMENT AND MAINTENANCE
OF LUSAKA CITY ROADS (SECOND STAGE)

GREAT EAST ROAD
Utility Re-location Map (6/20)

DATE
Apr-1-2000
SHEET NO
62

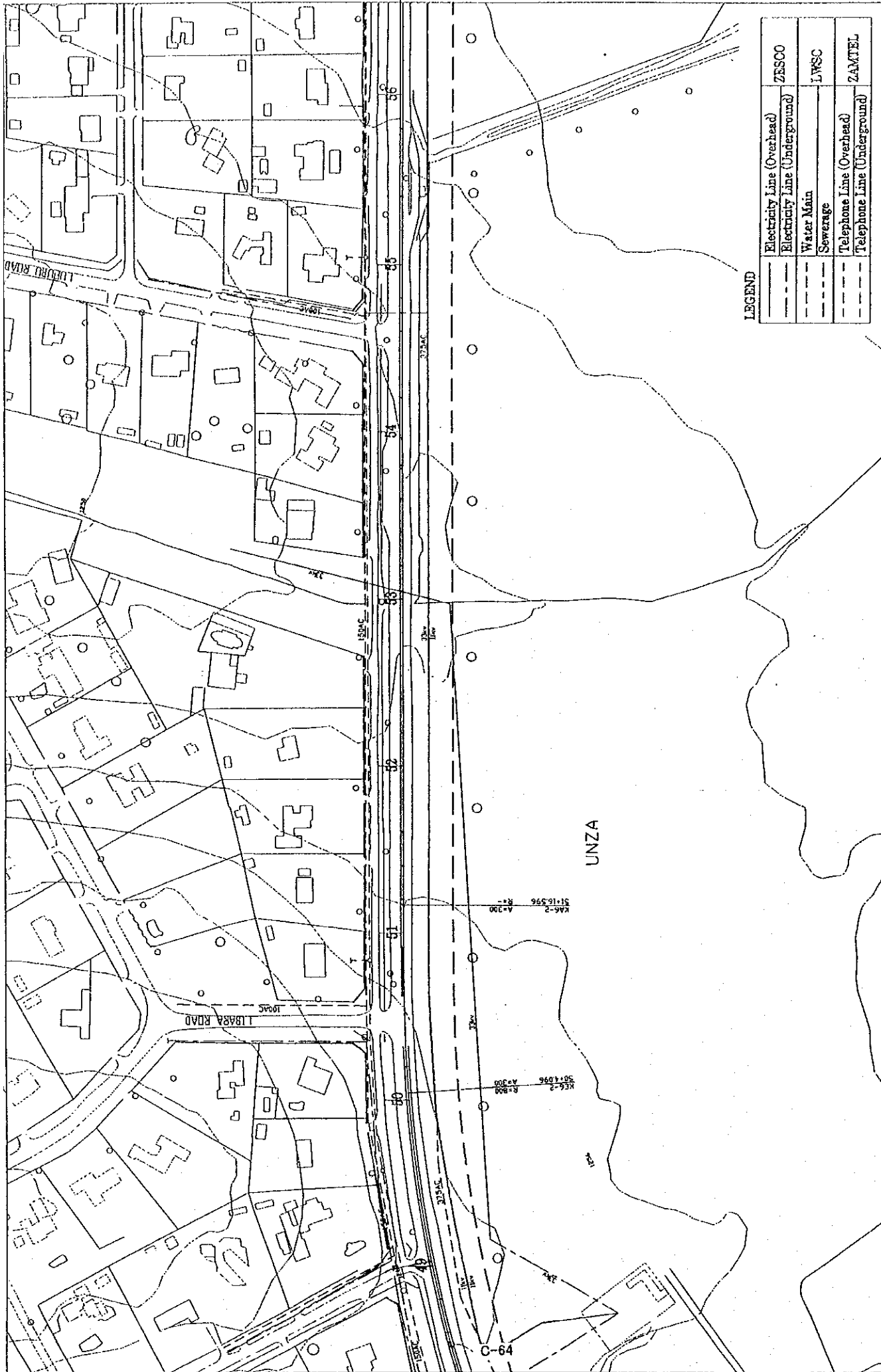
C-62



Relocation of Water Main Pipe 375AC L=300m
 Relocation of Electricity (Underground) 33kv L=40m
 Relocation of Electricity (Underground) 11kv L=300m
 Relocation of Electricity Line (Overhead) 11kv L=340m

LEGEND

Electricity Line (Overhead)	ZESCO
Electricity Line (Underground)	LWSC
Water Main	ZANTEL
Sewerage	
Telephone Line (Overhead)	
Telephone Line (Underground)	



LEGEND

Electricity Line (Overhead)	ZESCO
Electricity Line (Underground)	ZESCO
Water Main	LWSC
Sewerage	LWSC
Telephone Line (Overhead)	ZAMTEL
Telephone Line (Underground)	ZAMTEL

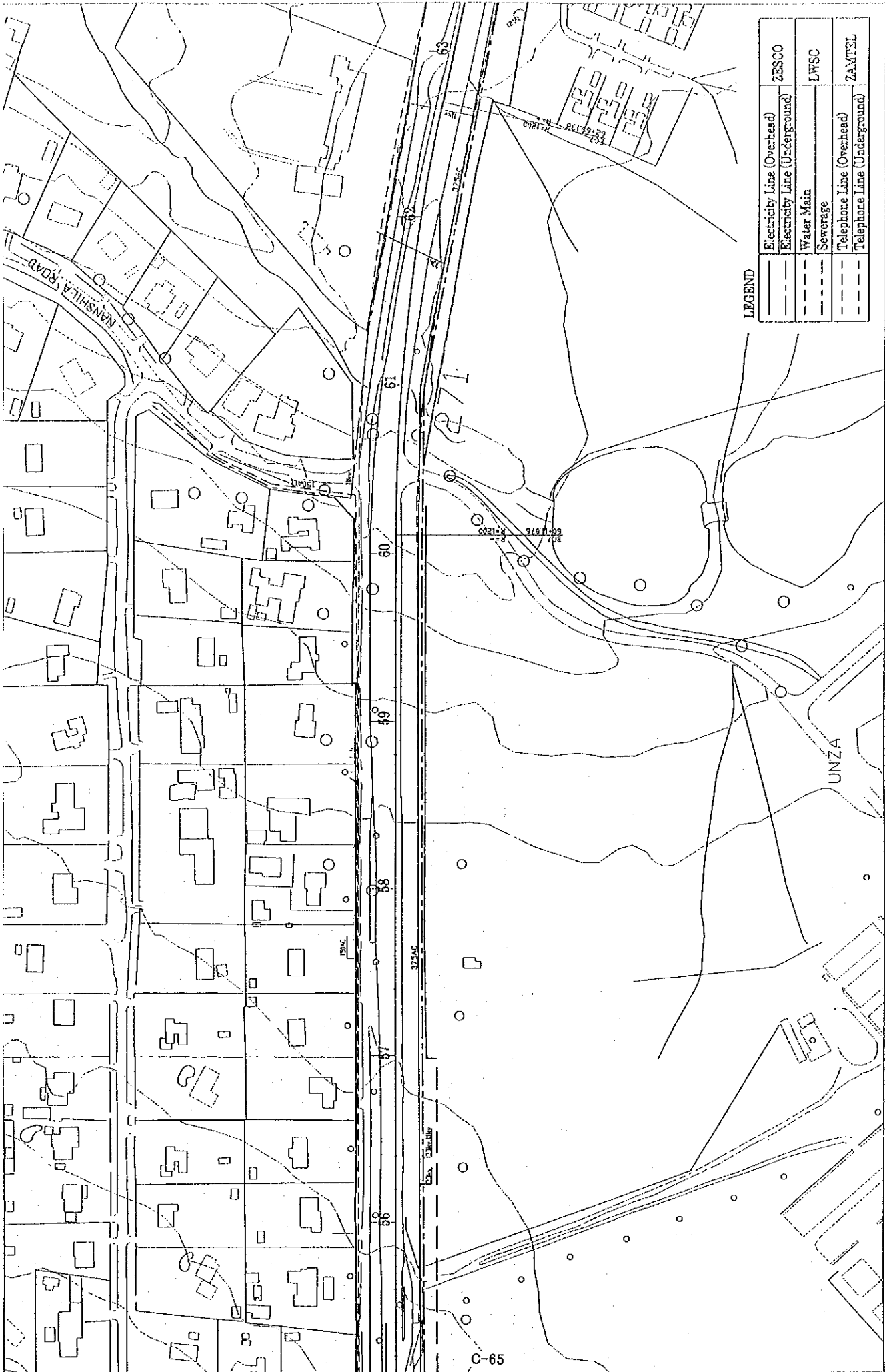
THE PUBLIC OF ZAMBIA
LUSAKA CITY COUNCIL

THE BASIC DESIGN STUDY ON MAINTENANCE
THE PROPOSED LIBARA ROAD (SECOND STAGE)

JAPAN INTERNATIONAL
COOPERATION AGENCY

GREAT EAST ROAD
UTILITY RELOCATION MAP (8/20)

DATE
Apr-2000
SHEET NO
64



LEGEND

Electricity Line (Overhead)	ZESCO
Electricity Line (Underground)	
Water Main	LWSC
Sewerage	
Telephone Line (Overhead)	ZAMTEL
Telephone Line (Underground)	

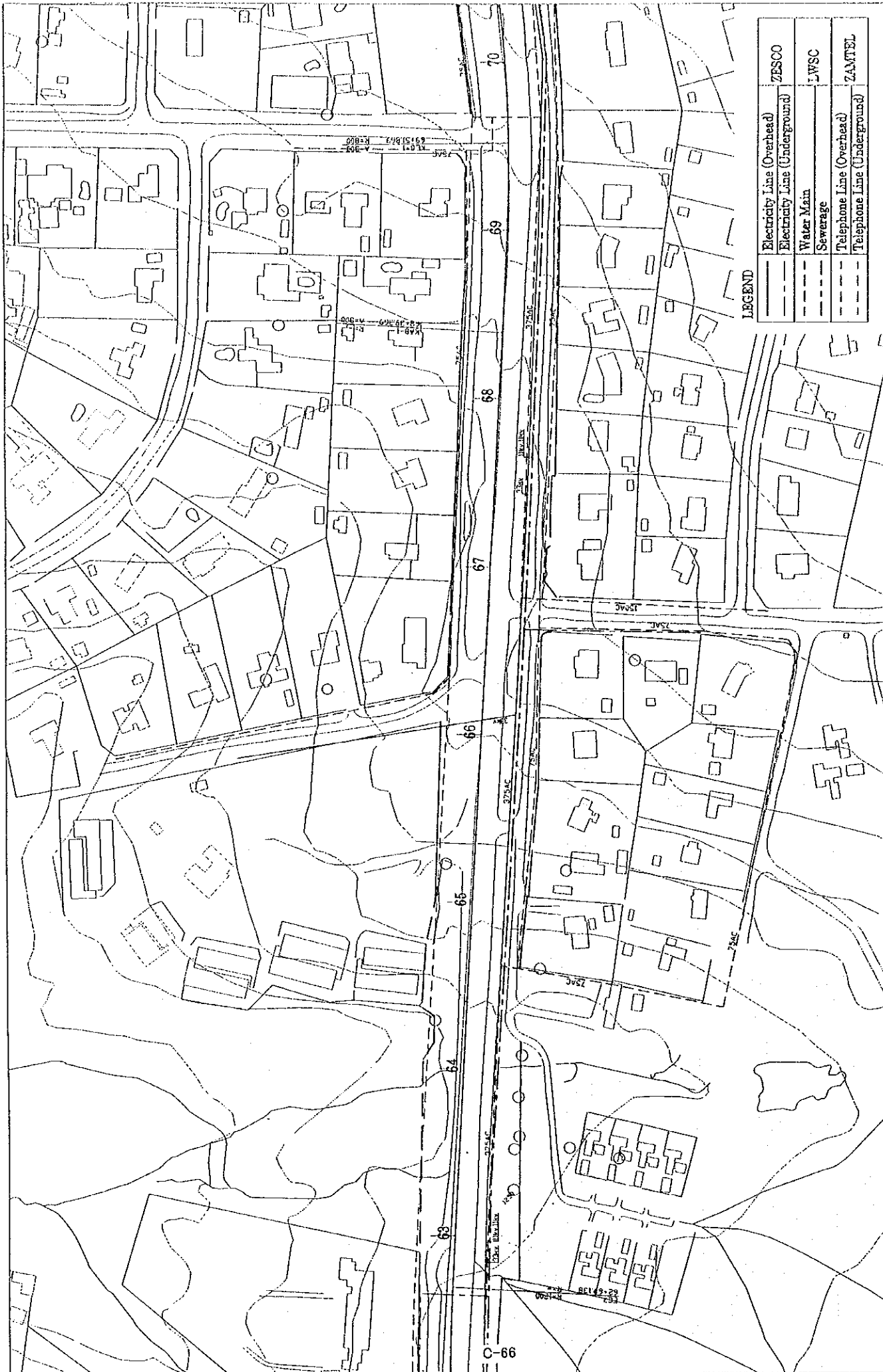
THE PUBLIC OF ZAMBIA
LUSAKA CITY COUNCIL

THE BASIC DESIGN STUDY ON
THE PROJECT FOR IMPROVEMENT AND MAINTENANCE
OF LUSAKA CITY ROADS (SECOND STAGE)

ASIAN INTERNATIONAL
COOPERATION AGENCY

Utility Relocation Map (9/201)

DATE 14-1-2010
SHEET NO 65



LEGEND

—	Electricity Line (Overhead)	ZESCO
- - -	Electricity Line (Underground)	ZESCO
—	Water Main	LWSC
- - -	Sewerage	LWSC
—	Telephone Line (Overhead)	ZAMTEL
- - -	Telephone Line (Underground)	ZAMTEL

THE PUBLIC OF ZAMBIA
LUSAKA CITY COUNCIL

THE BASIC DESIGN STUDY ON MAINTENANCE
OF URBAN CITY ROADS (SECOND STAGE)

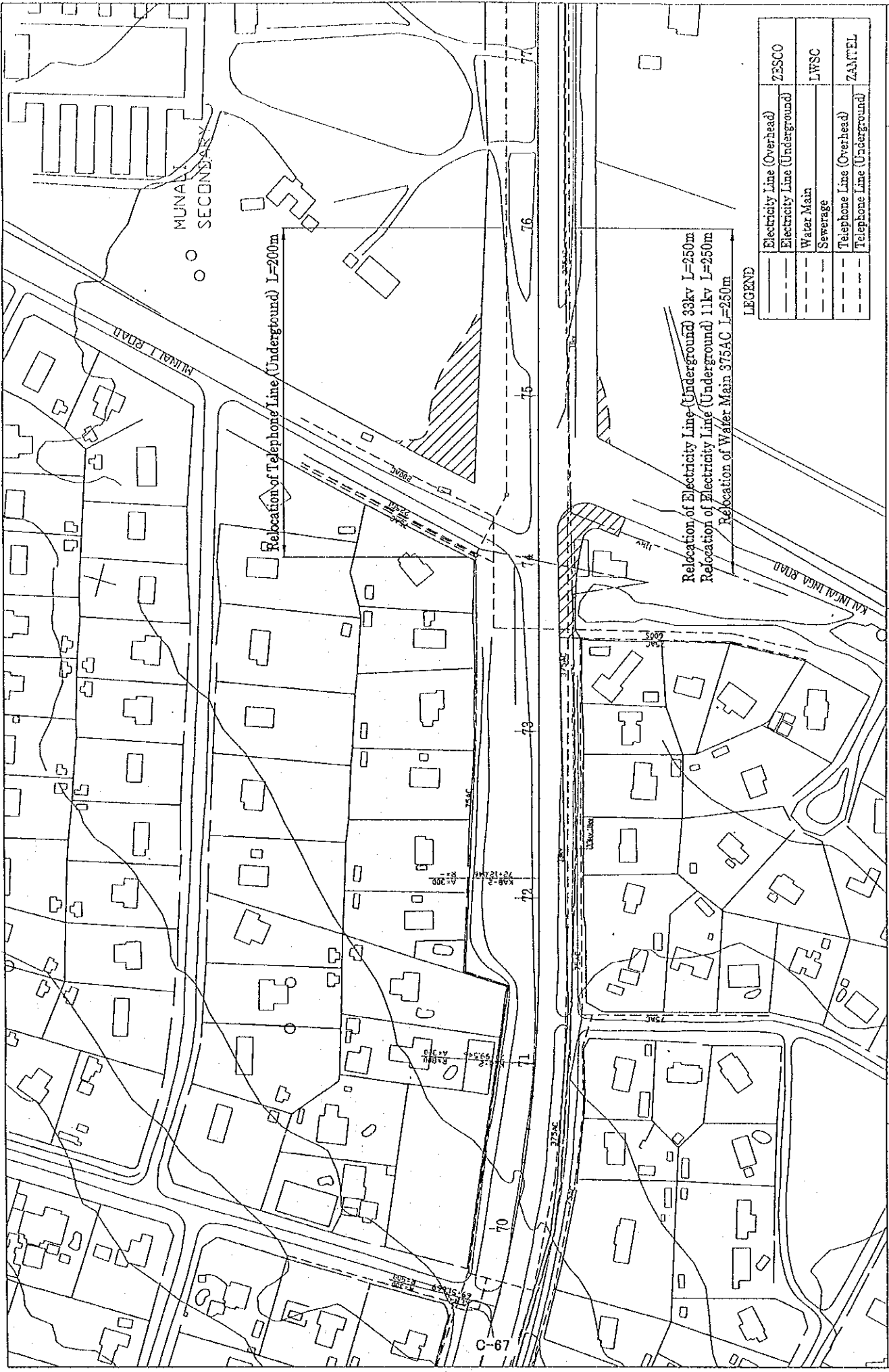
JAPAN INTERNATIONAL
COOPERATION AGENCY

GREAT EAST ROAD

UTILITY RELOCATION MAP (10/20)

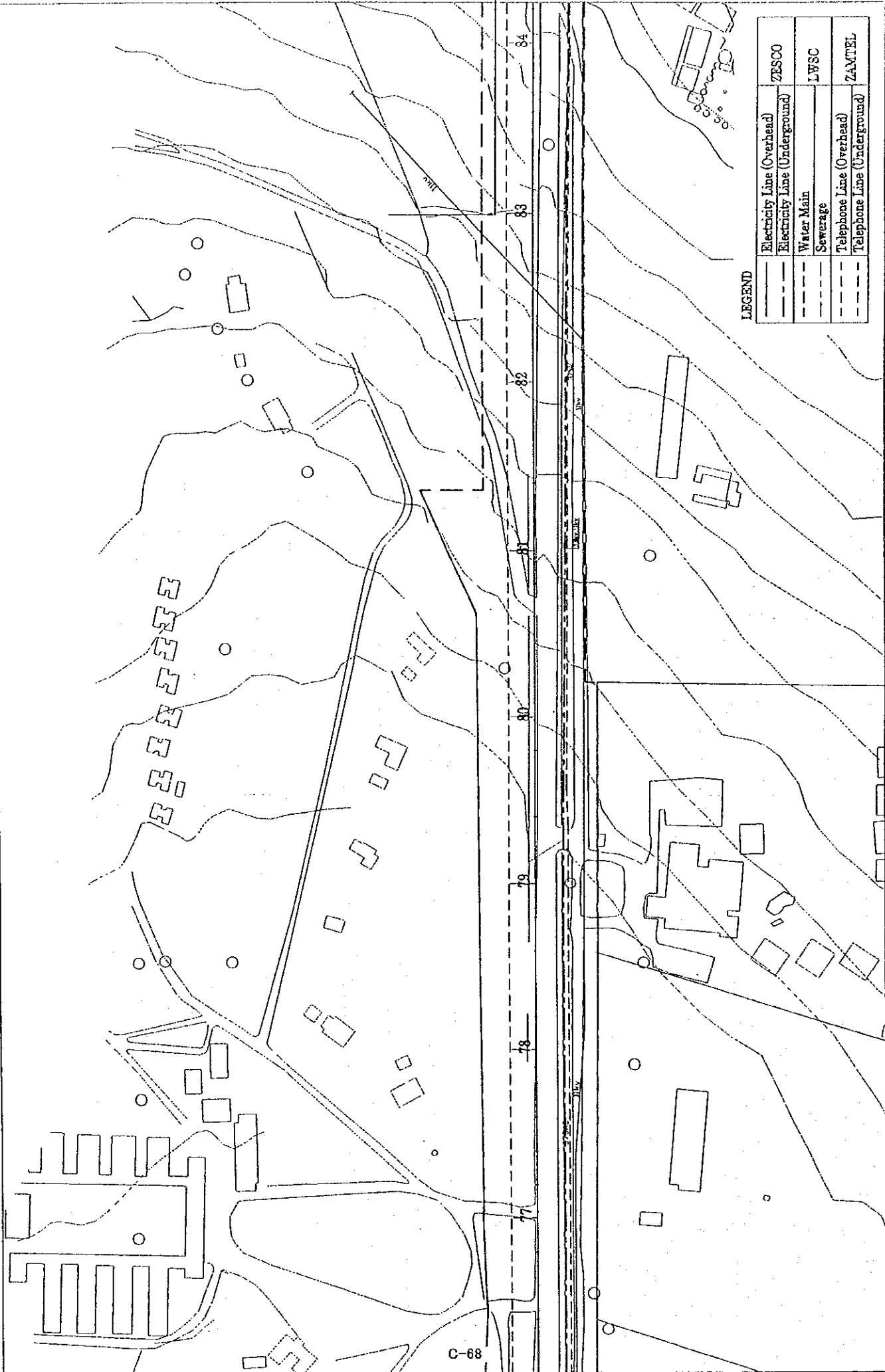
DATE: Apr-1-2000

SHEET NO: 66



LEGEND

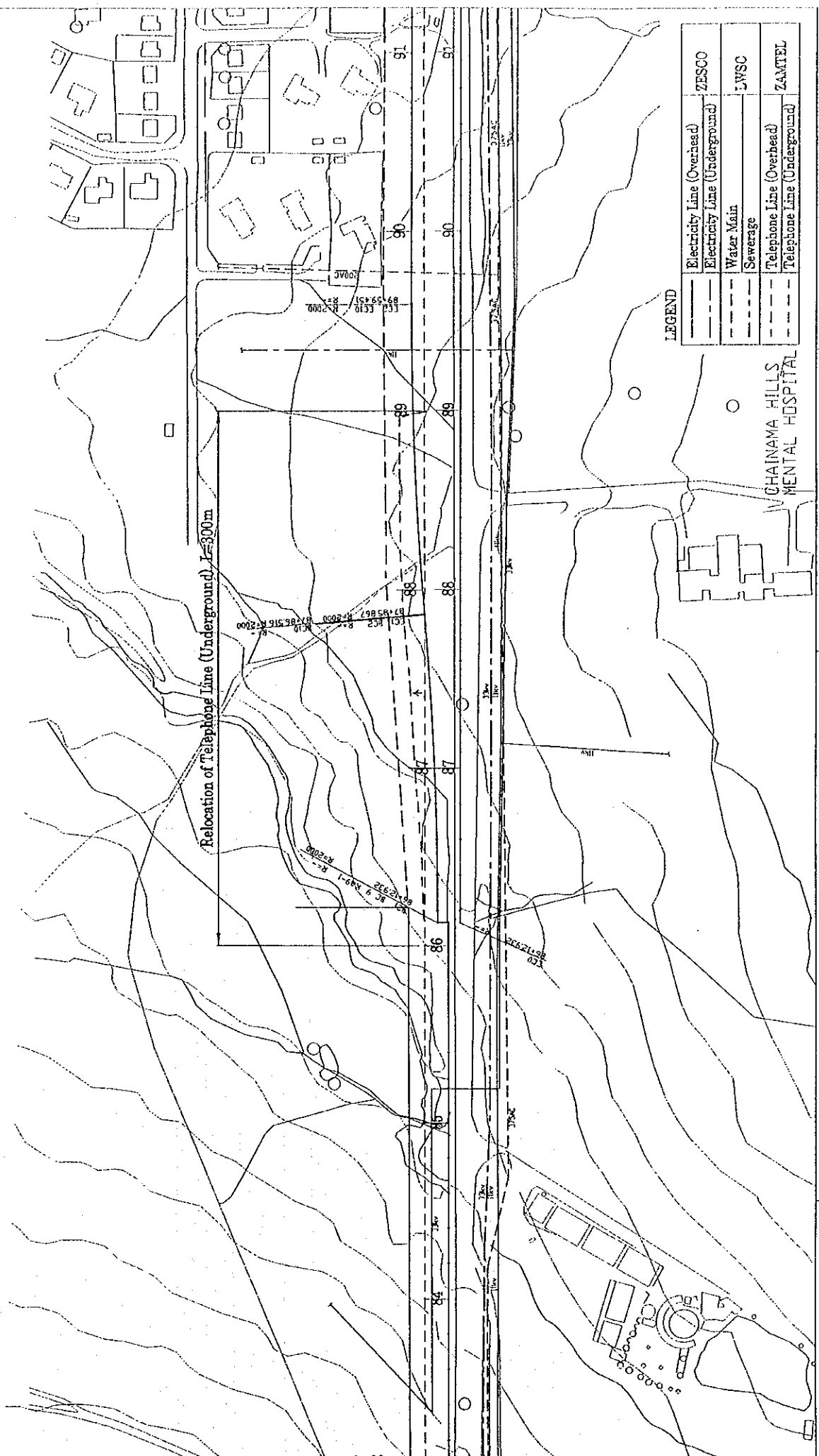
Electricity Line (Overhead)	ZSSCO
Electricity Line (Underground)	ZSSCO
Water Main	LWSC
Sewerage	LWSC
Telephone Lines (Overhead)	ZANTEL
Telephone Line (Underground)	ZANTEL



LEGEND

Electricity Line (Overhead)	ZESCO
Electricity Line (Underground)	ZESCO
Water Main	LWSC
Sewerage	LWSC
Telephone Line (Overhead)	ZAMTEL
Telephone Line (Underground)	ZAMTEL

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Relocation of Telephone Line (Underground) L=300m

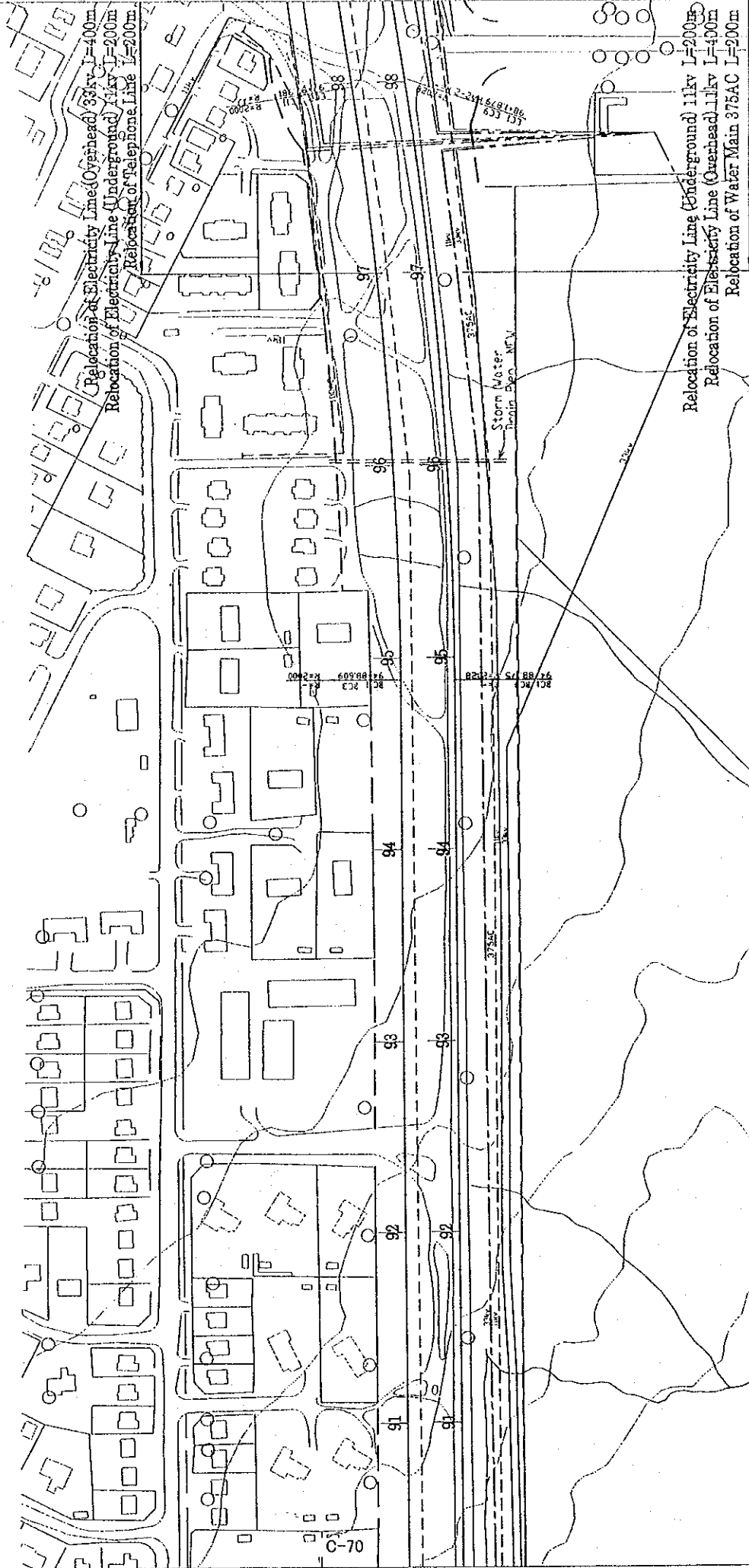
LEGEND

—	Electricity Line (Overhead)	ZESCO
- - -	Electricity Line (Underground)	ZESCO
—	Water Main	LWSC
- - -	Sewerage	LWSC
—	Telephone Line (Overhead)	ZAMTEL
- - -	Telephone Line (Underground)	ZAMTEL

W. CHAINAMA HILLS
MENTAL HOSPITAL

LEGEND

—	Electricity Line (Overhead)	ZESCO
- - -	Electricity Line (Underground)	
- - -	Water Main	LWSC
- - -	Sewerage	
- - -	Telephone Line (Overhead)	ZAMTEL
- - -	Telephone Line (Underground)	



THE PUBLIC OF ZAMBIA
LUSAKA CITY COUNCIL

THE BASIC DESIGN STUDY FOR
THE PROJECT FOR IMPROVEMENT AND MAINTENANCE
OF LUSAKA CITY ROADS (SECOND STAGE)

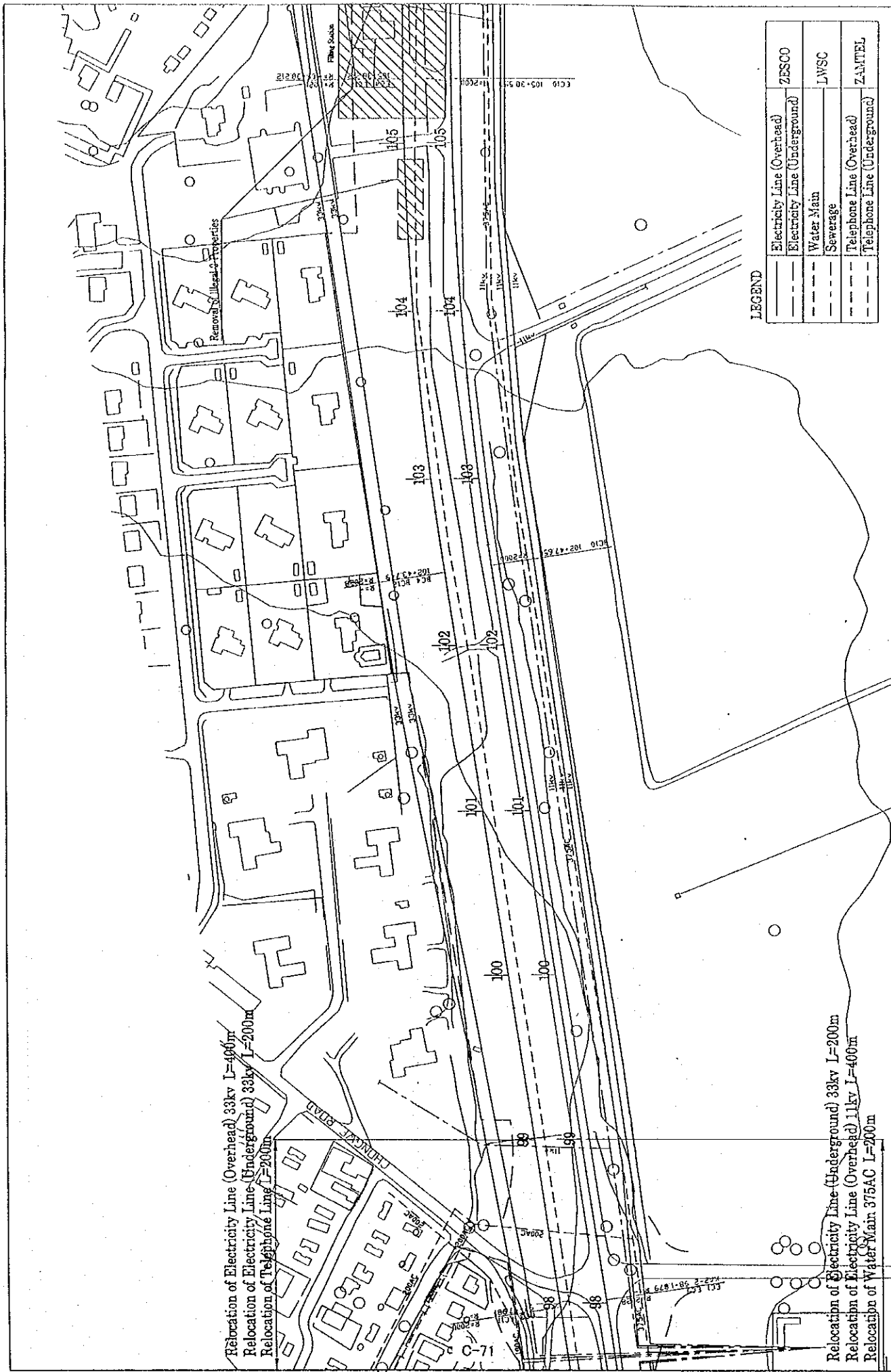
ASIAN INTERNATIONAL
COOPERATION AGENCY

UTILITY RELOCATION MAP (14/23)

DATE: Apr-1-2000

SHEET NO: 70

GREAT EAST ROAD

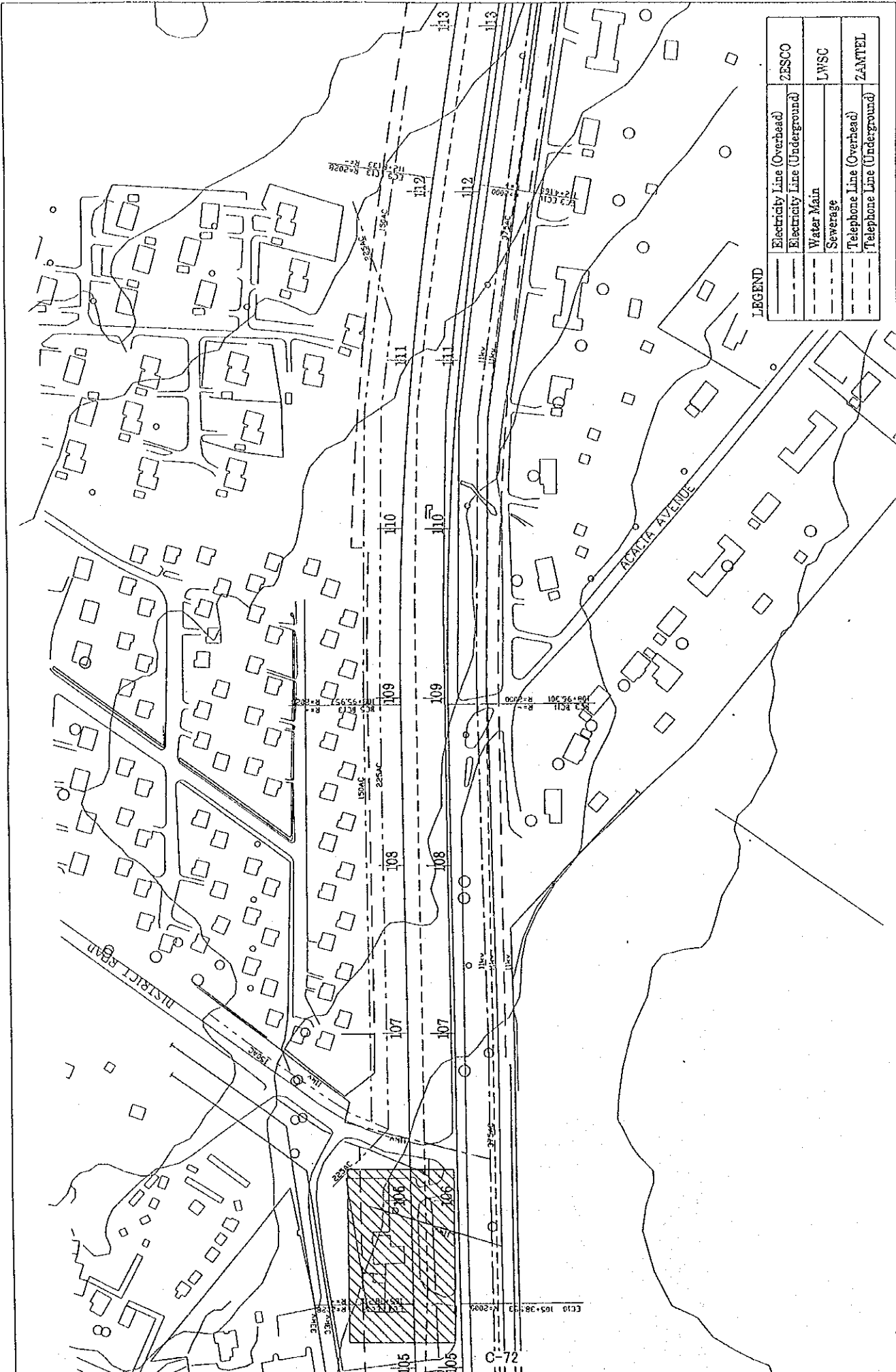


Relocation of Electricity Line (Overhead) 33kv L=400m
 Relocation of Electricity Line (Underground) 33kv L=200m
 Relocation of Telephone Line L=200m

Relocation of Electricity Line (Underground) 33kv L=200m
 Relocation of Electricity Line (Overhead) 11kv L=400m
 Relocation of Water Main 375AC L=200m

LEGEND

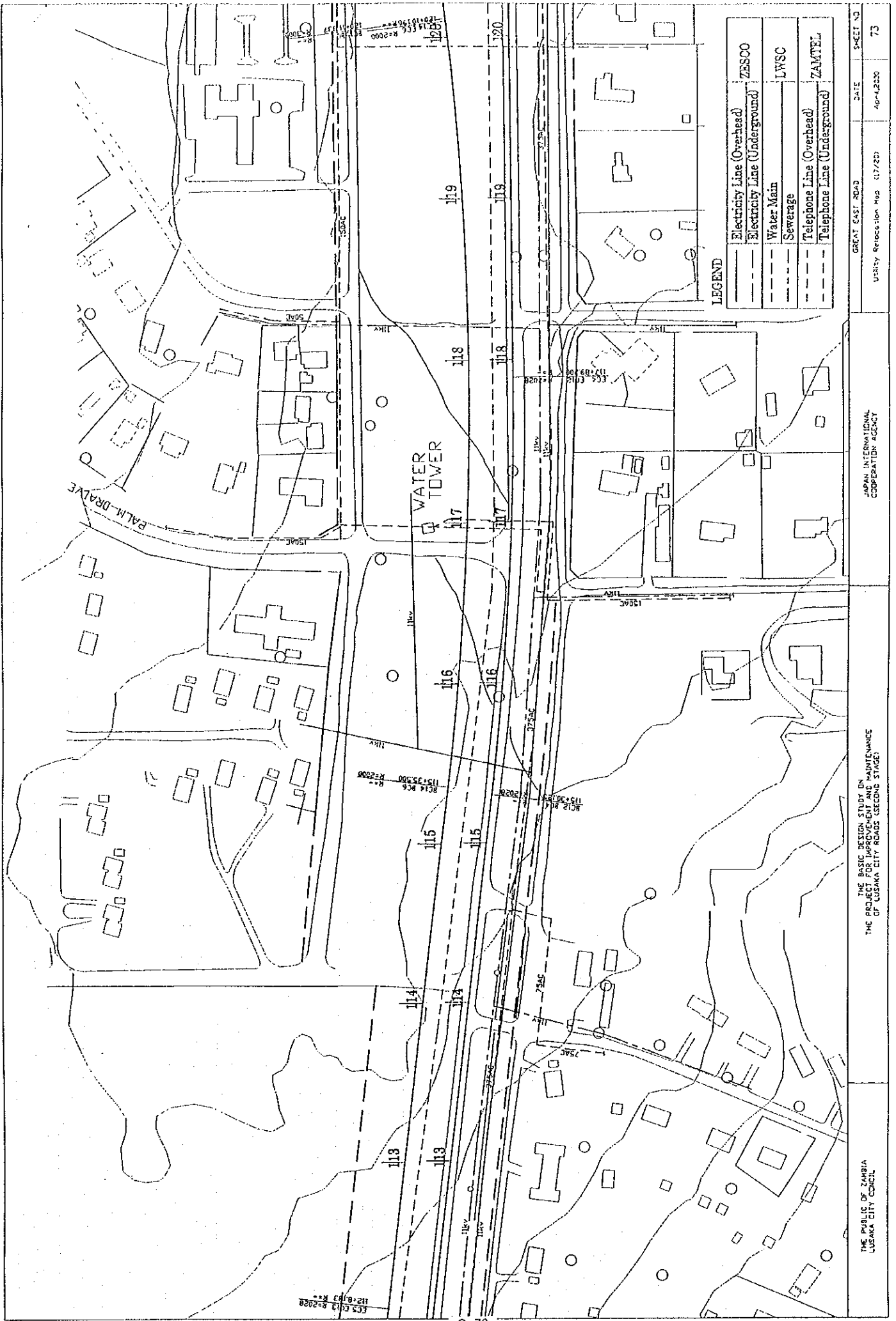
Electricity Line (Overhead)	ZESCO
Electricity Line (Underground)	ZESCO
Water Main	LWSC
Sewerage	LWSC
Telephone Line (Overhead)	ZAMTEL
Telephone Line (Underground)	ZAMTEL



LEGEND

Electricity Line (Overhead)	ZESCO
Electricity Line (Underground)	ZESCO
Water Main	LWSC
Sewerage	LWSC
Telephone Line (Overhead)	ZANTEL
Telephone Line (Underground)	ZANTEL

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LEGEND

—	Electricity Line (Overhead)	ZESCO
- - -	Electricity Line (Underground)	ZESCO
- - -	Water Main	LWSC
- - -	Sewerage	LWSC
- - -	Telephone Line (Overhead)	ZAMTEL
- - -	Telephone Line (Underground)	ZAMTEL

THE PUBLIC OF ZAMBIA
LUSAKA CITY COUNCIL

THE BASIC DESIGN STUDY IN
THE PROJECT FOR IMPROVEMENT AND MAINTENANCE
OF LUSAKA CITY ROADS (SECOND STAGE)

JAPAN INTERNATIONAL
COOPERATION AGENCY

GREAT EAST ROAD

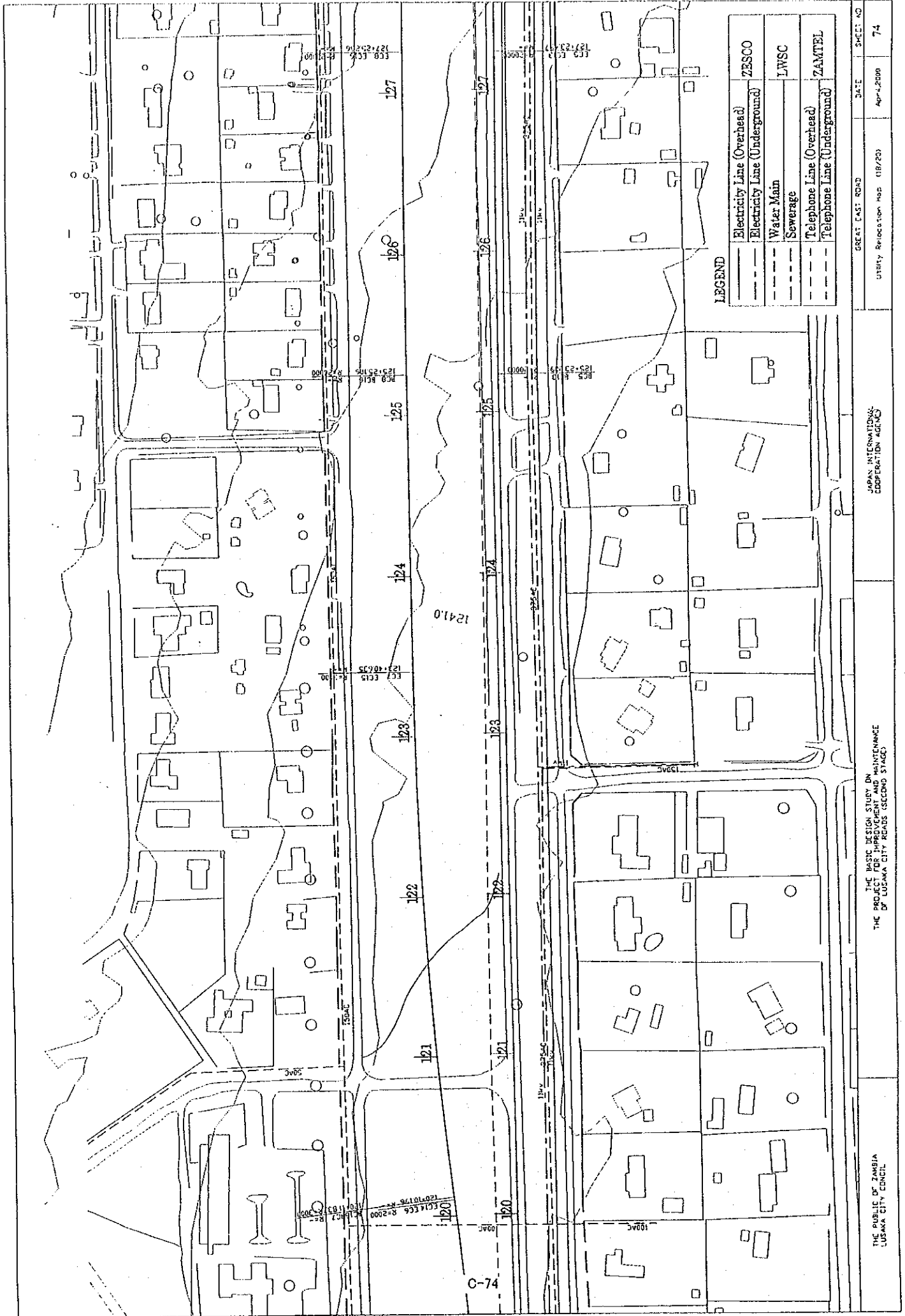
Utility Rectification Map 117/2/27

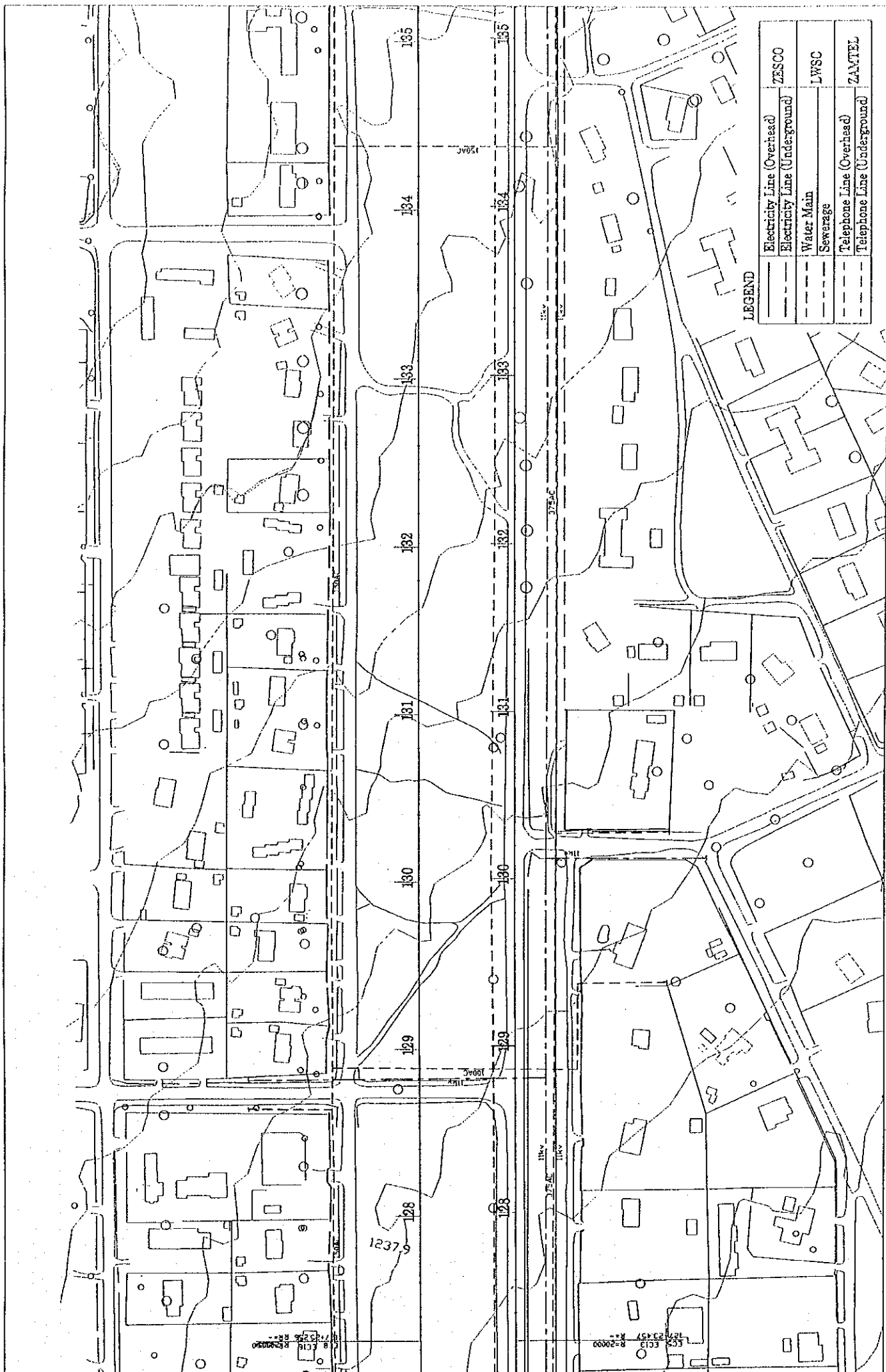
49-4230

DATE

SHEET NO

73





LEGEND

Electricity Line (Overhead)	ZESCO
Electricity Line (Underground)	ZESCO
Water Main	LWSC
Sewerage	LWSC
Telephone Line (Overhead)	ZAMTEL
Telephone Line (Underground)	ZAMTEL

THE PUBLIC OF ZAMBIA
LUSAKA CITY COUNCIL

THE BASIC DESIGN STUDY ON
THE PROJECT FOR IMPROVEMENT AND MAINTENANCE
OF LUSAKA CITY ROADS (SECOND STAGE)

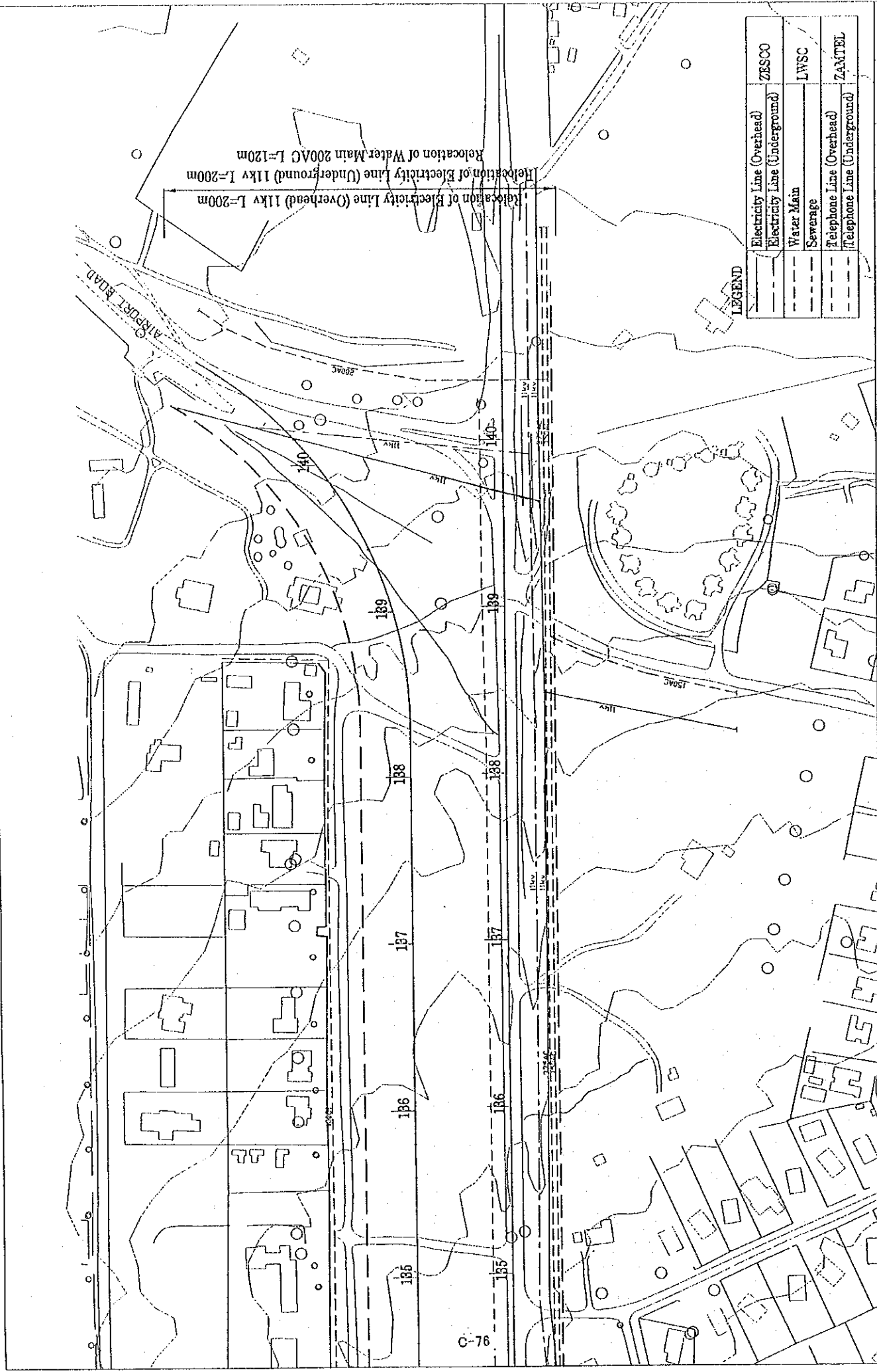
JAPAN INTERNATIONAL
COOPERATION AGENCY

GRCAZ EAST 3043

Utility Rehabilitation Map (19/20)

DATE
Apr-4, 2000

SHEET NO
75



LEGEND

Electricity Line (Overhead)	ZESCO
Electricity Line (Underground)	ZESCO
Water Main	LWSC
Sewerage	LWSC
Telephone Line (Overhead)	ZANTEL
Telephone Line (Underground)	ZANTEL

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THE PUBLIC OF ZAMBIA
LUSAKA CITY COUNCIL

THE BASIC DESIGN STUDY ON
THE PROJECT FOR IMPROVEMENT AND MAINTENANCE
OF LUSAKA CITY ROADS (SECOND STAGE)

JAPAN INTERNATIONAL
COOPERATION AGENCY

GREAT EAST ROAD

Utility Relocation Map (20/20)

DATE: APR-2000

SHEET NO: 76



Electricity Line (Overhead)	ZESCO
Electricity Line (Underground)	ZESCO
Water Main	LWSC
Sewerage	LWSC
Telephone Line (Overhead)	ZAMTEL
Telephone Line (Underground)	ZAMTEL

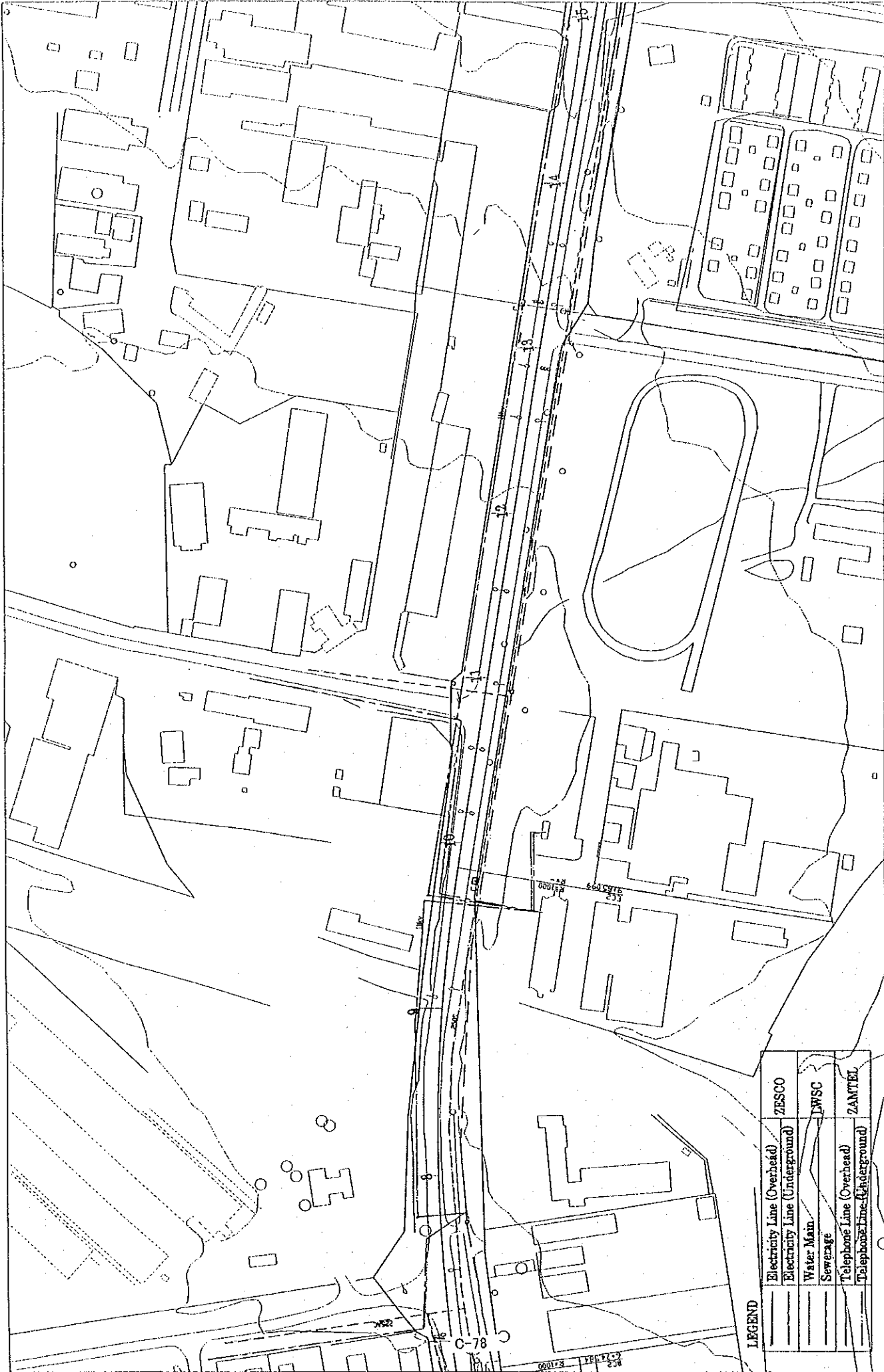
LEGEND

ADRIAN INTERNATIONAL CORPORATION ZAMBIA

THE BASIC DESIGN STUDY ON THE PROJECT FOR IMPROVEMENT AND MAINTENANCE OF LUSAKA CITY ROADS (SECOND STAGE)

THE PUBLIC OF ZAMBIA
LUSAKA CITY COUNCIL

Scale: 1:1000
Date: April, 2000
Sheet No: 77



SHEET NO. 78
DATE: APRIL 2000
PROJECT: NORTH ROAD
DRAWN BY: P. AN (2/9)

LUSAKA INTERNATIONAL COOPERATION AGENCY

THE BASIC DESIGN STUDY ON THE PROJECT FOR IMPROVEMENT AND MAINTENANCE OF LUSAKA CITY ROADS (SECOND STAGE)

THE PUBLIC OF ZAMBIA
LUSAKA CITY COUNCIL

LEGEND

Electricity Line (Overhead)	ZESCO
Electricity Line (Underground)	ZESCO
Water Main	LWSC
Sewerage	LWSC
Telephone Line (Overhead)	ZAMTEL
Telephone Line (Underground)	ZAMTEL



LEGEND

- Electricity Line (Overhead)
- Electricity Line (Underground)
- Water Main
- Sewerage
- Telephone Line (Overhead)
- Telephone Line (Underground)

ZPSCO

LWSC

ZAMTEL

S-921

12588

1062530

1062530

C-79

JAPAN INTERNATIONAL
COOPERATION AGENCY

THE BASIC DESIGN STUDY ON
THE PROJECT FOR IMPROVEMENT AND MAINTENANCE
OF LUSAKA CITY ROADS (SECOND STAGE)

THE PUBLIC OF ZAMBIA
LUSAKA CITY COUNCIL

DATE
April, 2005

Sheet No. 79



LEGEND	
	Electricity Line (Overhead)
	Electricity Line (Underground)
	Water Main
	Sewerage
	Telephone Line (Overhead)
	Telephone Line (Underground)
	ZESCO
	LUSC
	ZAMTEL

THE PUBLIC OF ZAMBIA
LUSAKA CITY COUNCIL

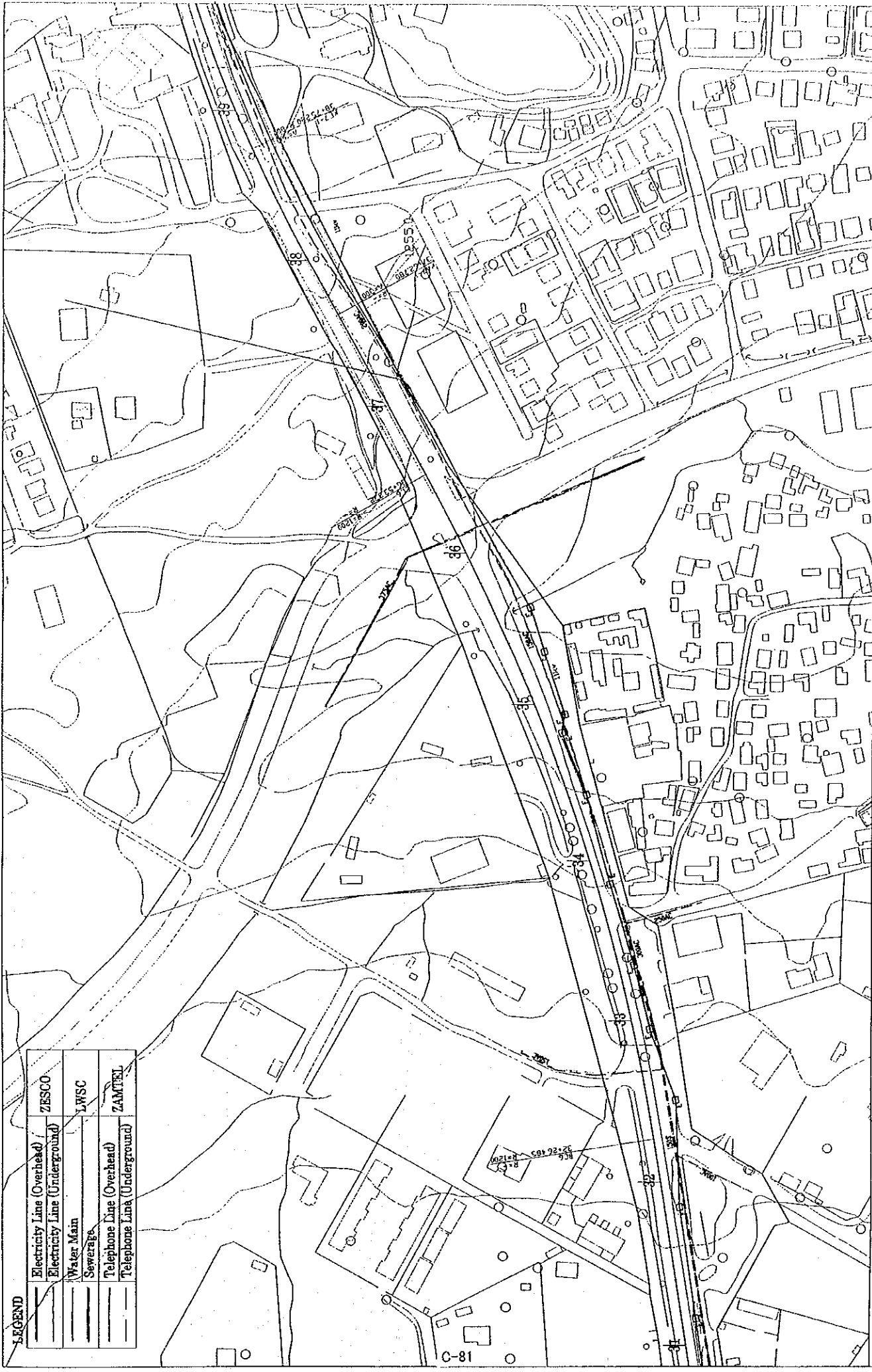
THE MAIN DESIGN STUDY ON
THE PROPOSED MAINTENANCE
OF LUSAKA CITY ROADS (SECOND STAGE)

JAPAN INTERNATIONAL
COOPERATION AGENCY

PLAN (1/63)

DATE: APRIL 2000

SHEET NO. 80



LEGEND

Electricity Line (Overhead)	ZESCO
Electricity Line (Underground)	
Water Main	LWSC
Sewerage	
Telephone Line (Overhead)	ZAMTEL
Telephone Line (Underground)	

THE BASIC DESIGN STUDY ON
THE PROJECT FOR IMPROVEMENT AND MAINTENANCE
OF LUSAKA CITY ROADS (SECOND STAGE)

THE PUBLIC OF ZAMBIA
LUSAKA CITY COUNCIL

ASIAN INTERNATIONAL
CORPORATION INCORPORATED

Cree 1 North Road
PLAN CS/51

DATE
April, 2000

SHEET NO
81

C-81

LEGEND

Electricity Line (Overhead)	ZESCO
Electricity Line (Underground)	
Water Main	LWSC
Sewerage	
Telephone Line (Overhead)	ZAMTEL
Telephone Line (Underground)	



JICA