

图 3.6.1

既存配電線配置図

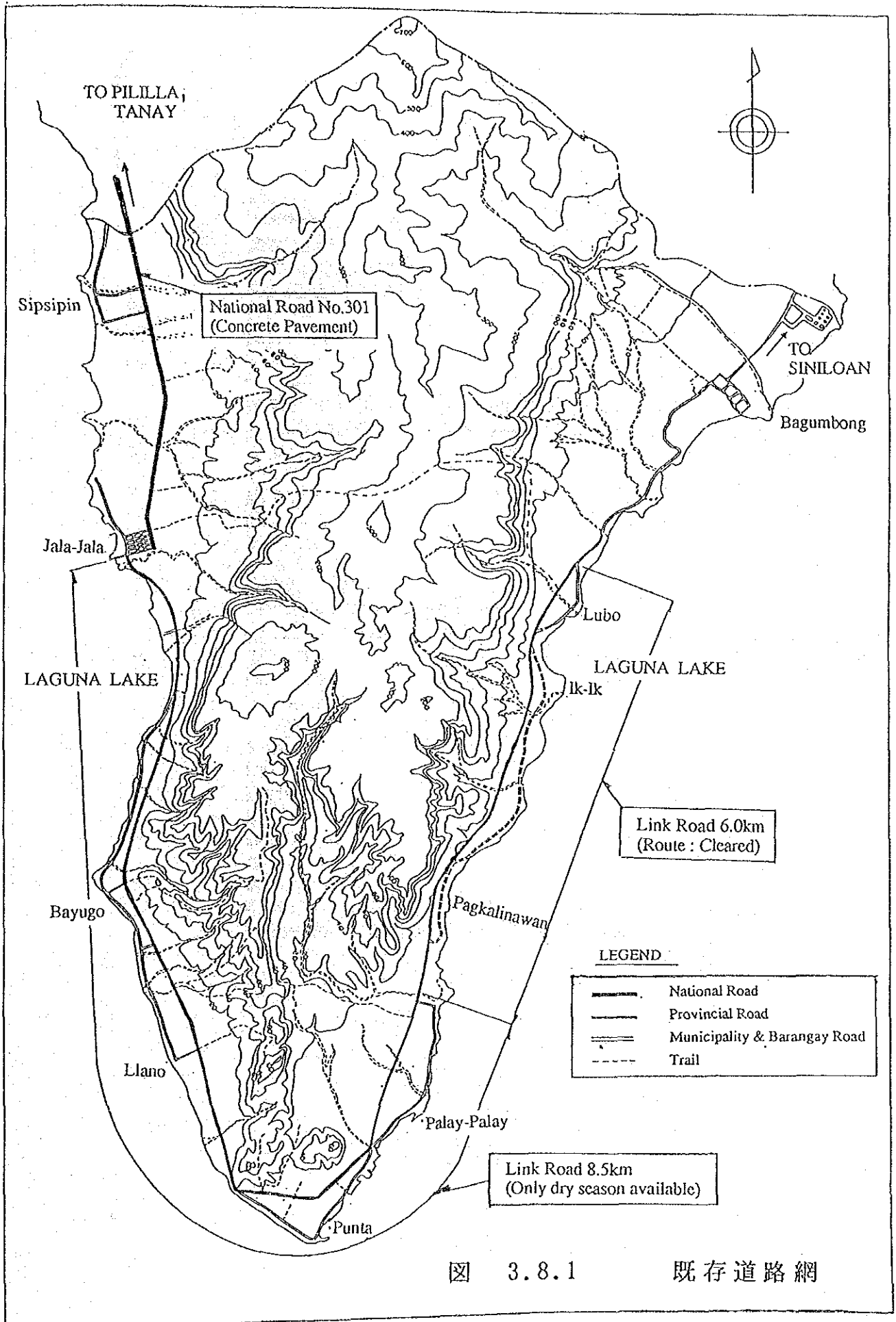


図 3.8.1 既存道路網

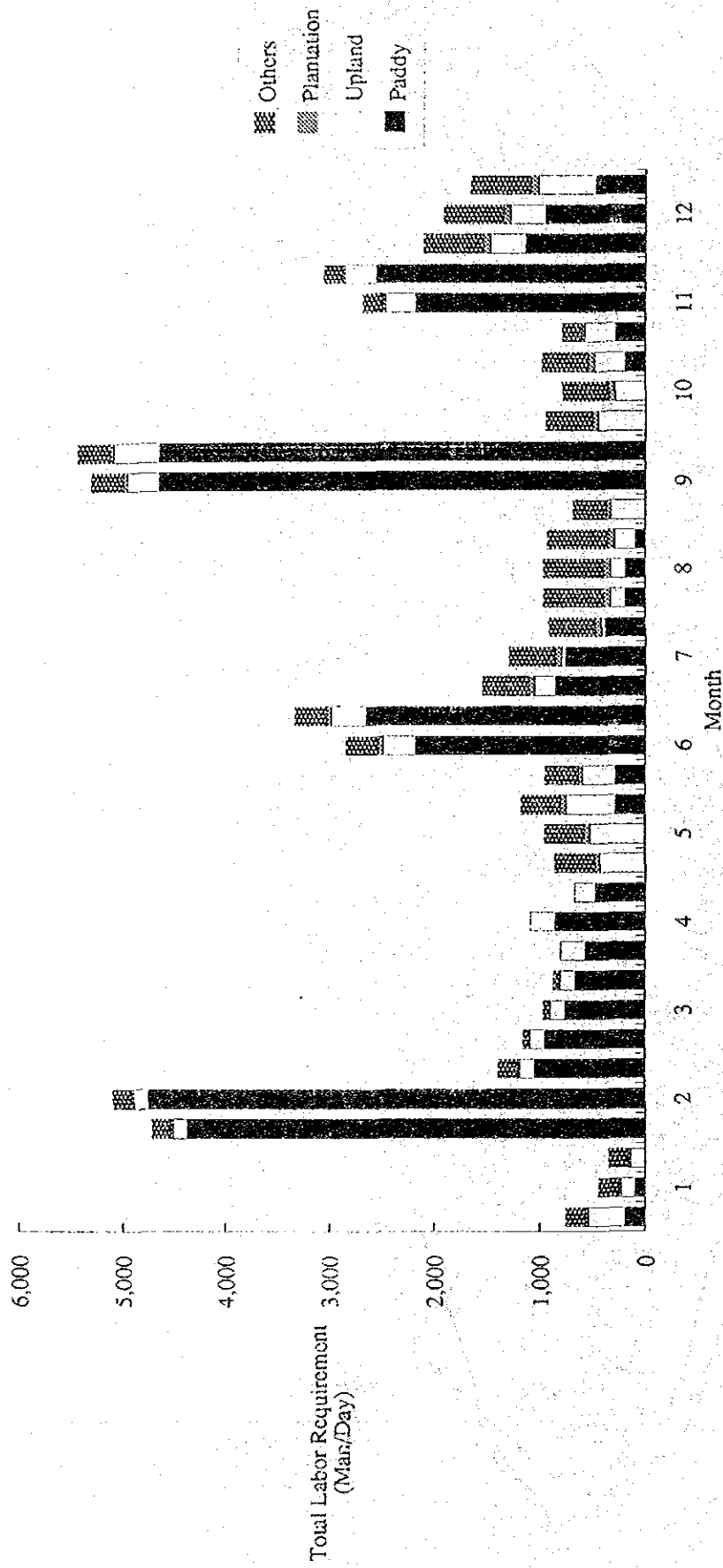


図 5.2.1 将来の月別農業労働力必要量

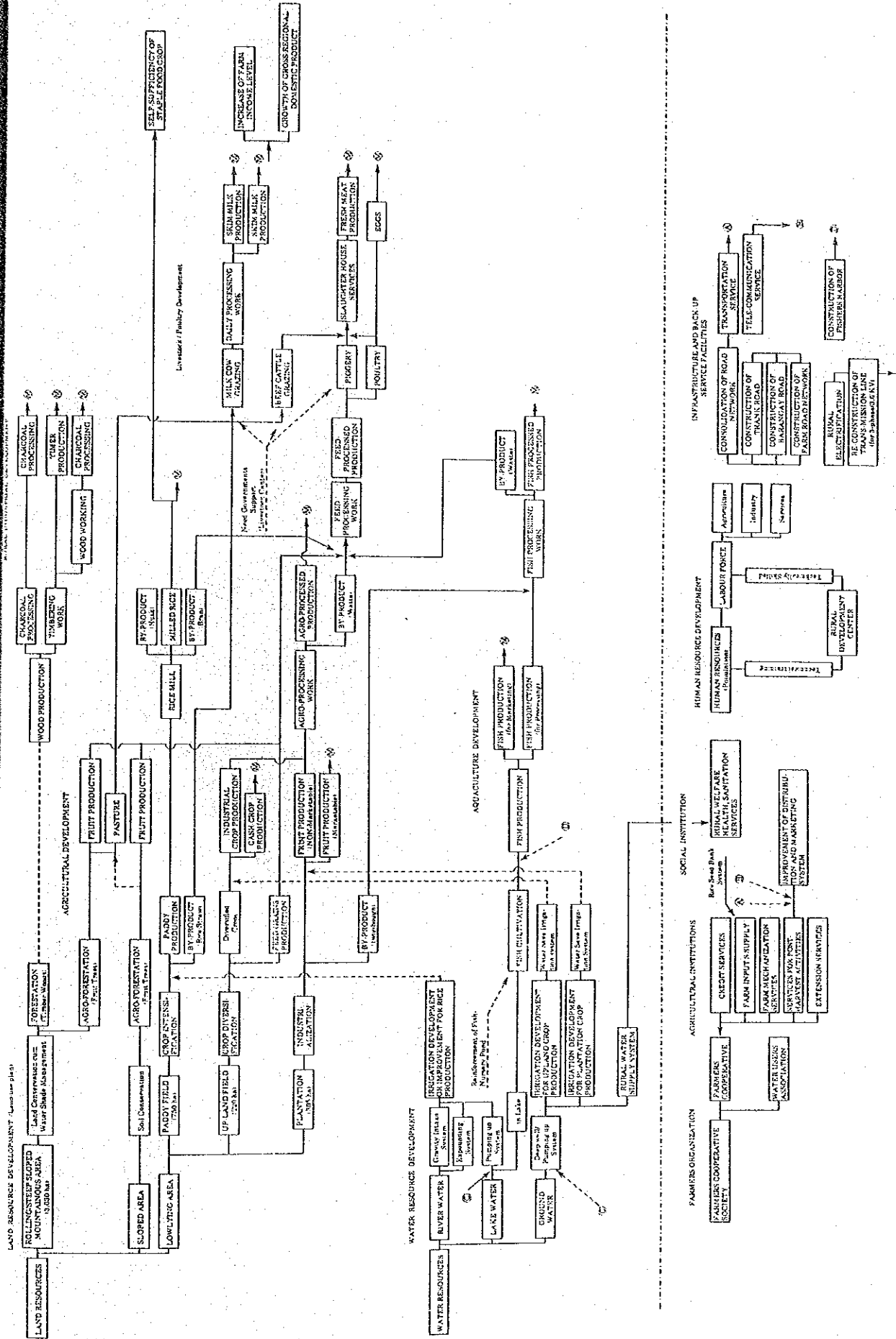
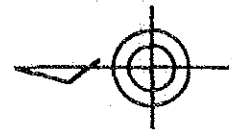


図 5.2.2 総合農村開発計画の枠組み



LEGEND

	Area (ha)	
Paddy land - Irrigated	950	
- Rainfed	30	
Upland field - Intensification	130	
- Rainfed	130	
Plantation - Intensification Orchard	80	
- Rainfed Orchard	460	
- Other Orchard	60	
Agro-forest	850	
Forest	1,910	
City	}	
Others		

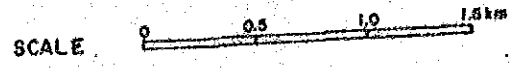
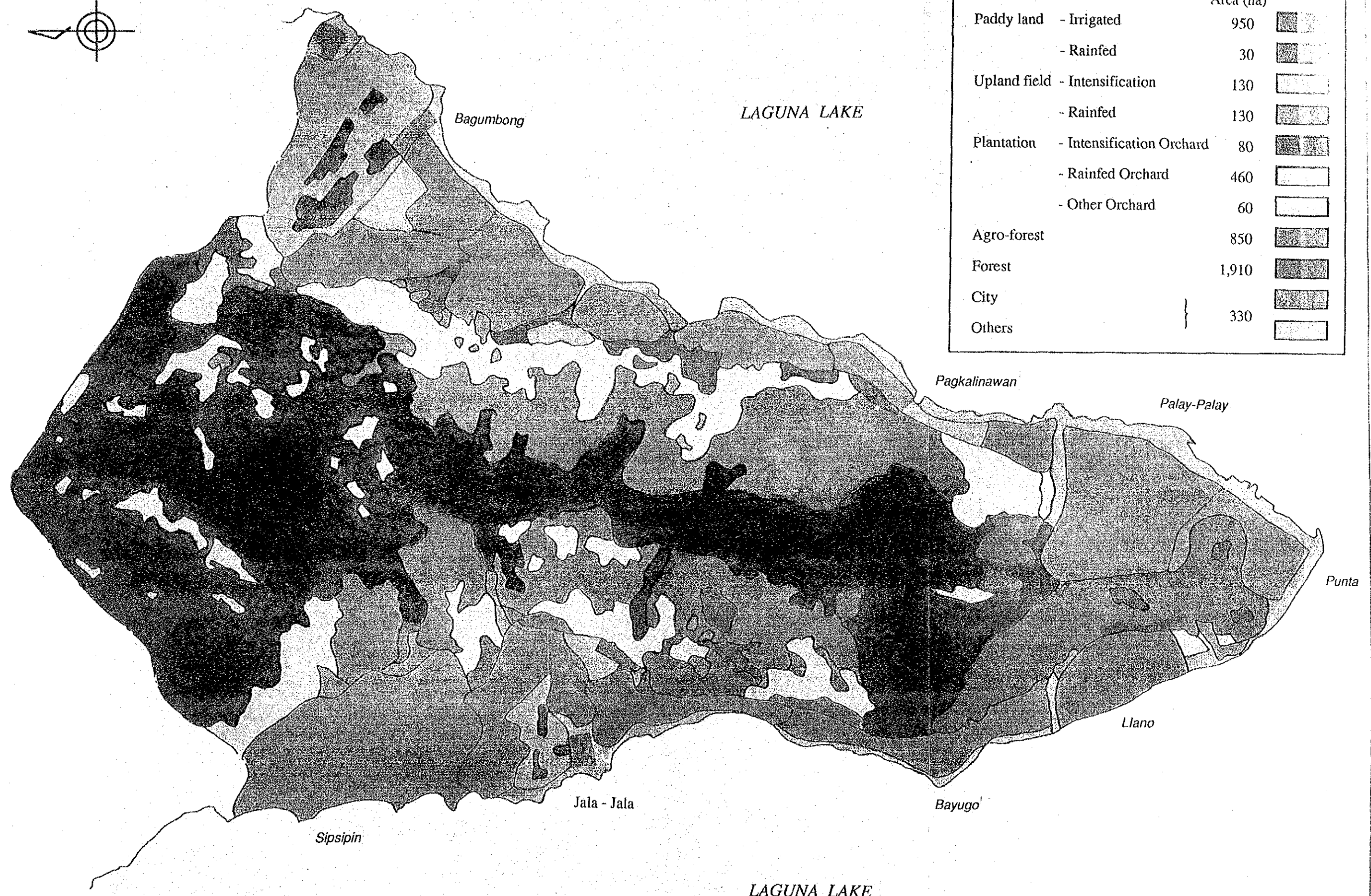


圖 6.1.1 計畫土地利用圖

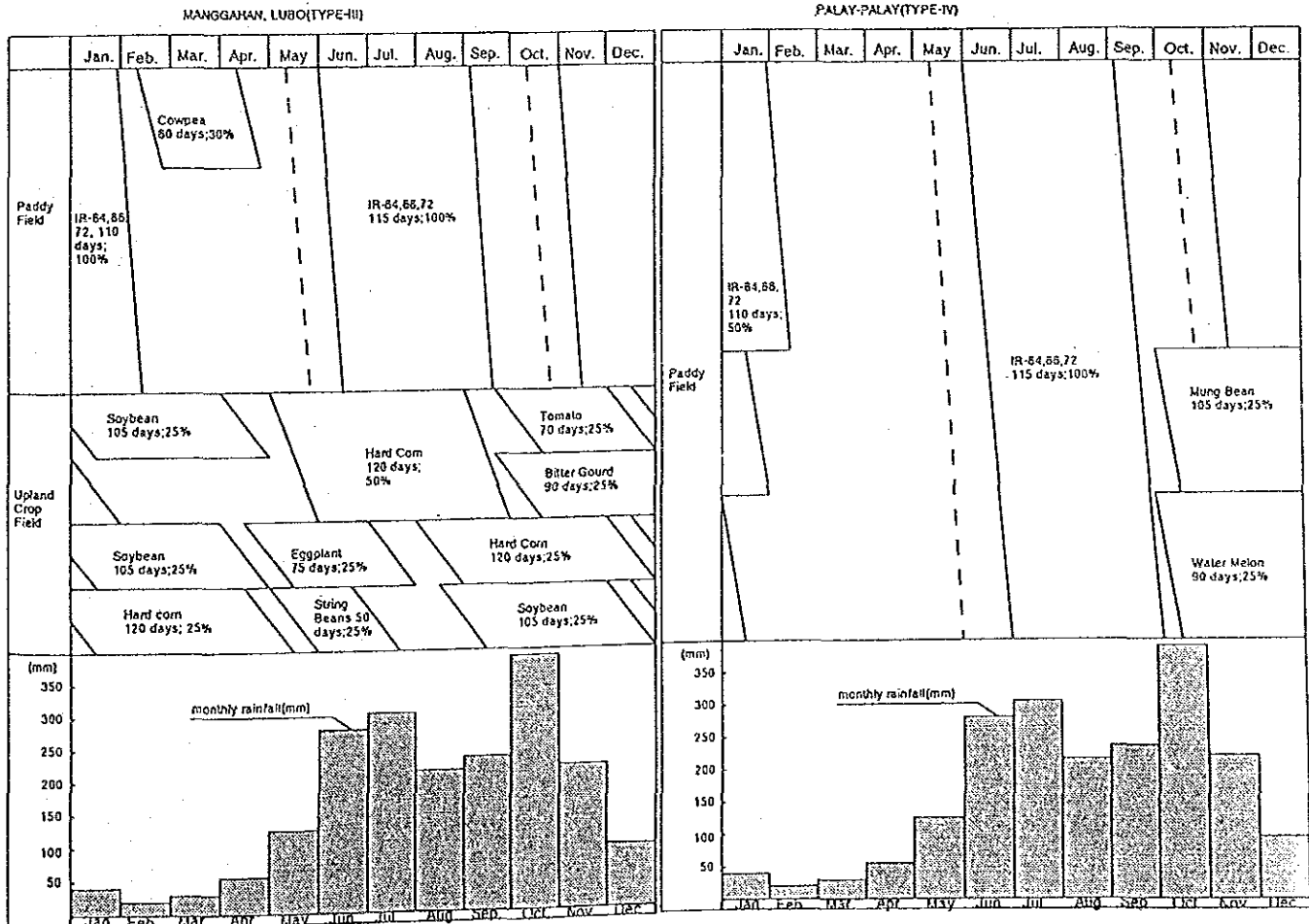
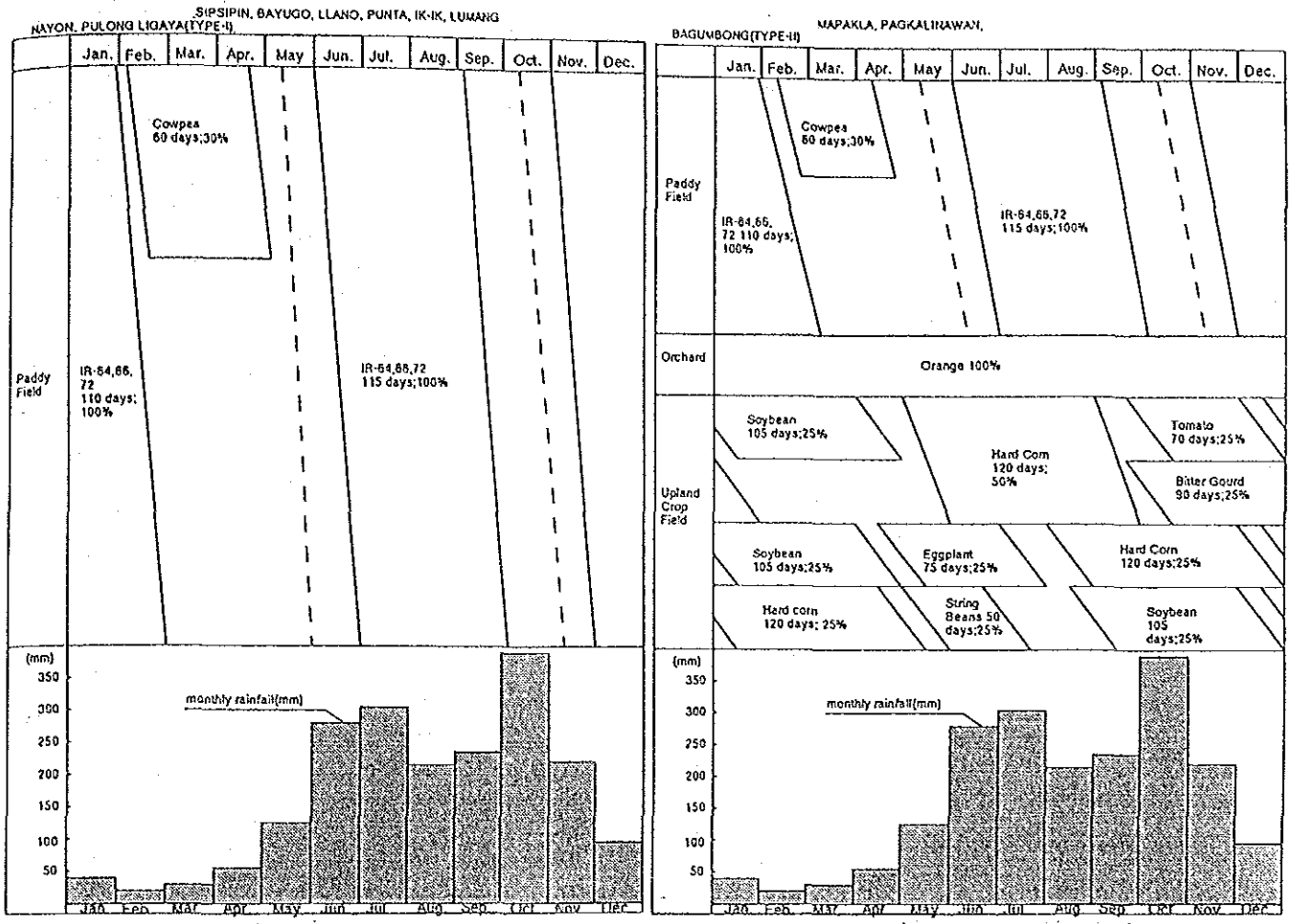


圖 6.2.1 計画作付体系

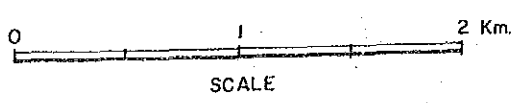
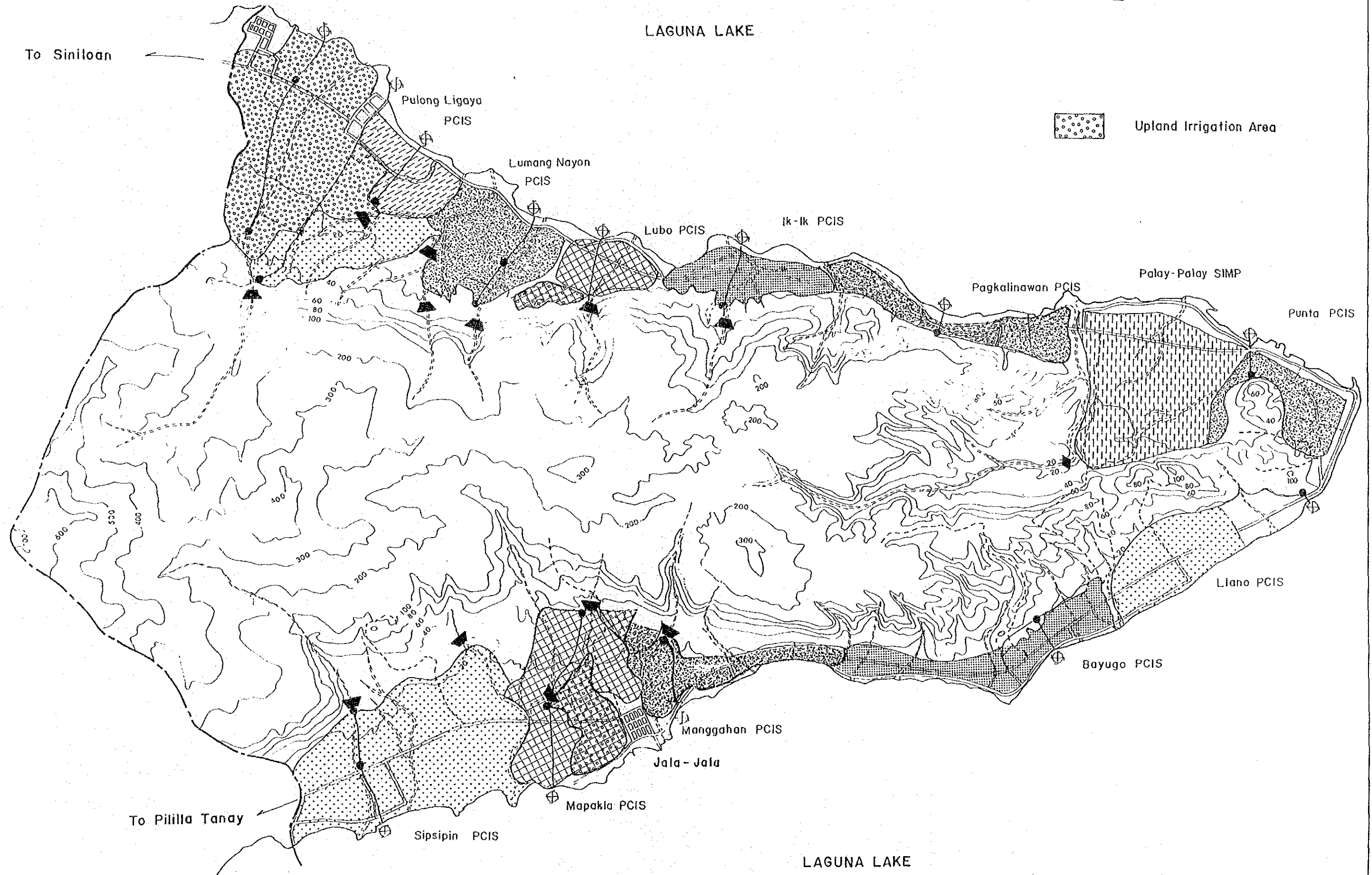


图 6.5.1 灌溉計画概要図

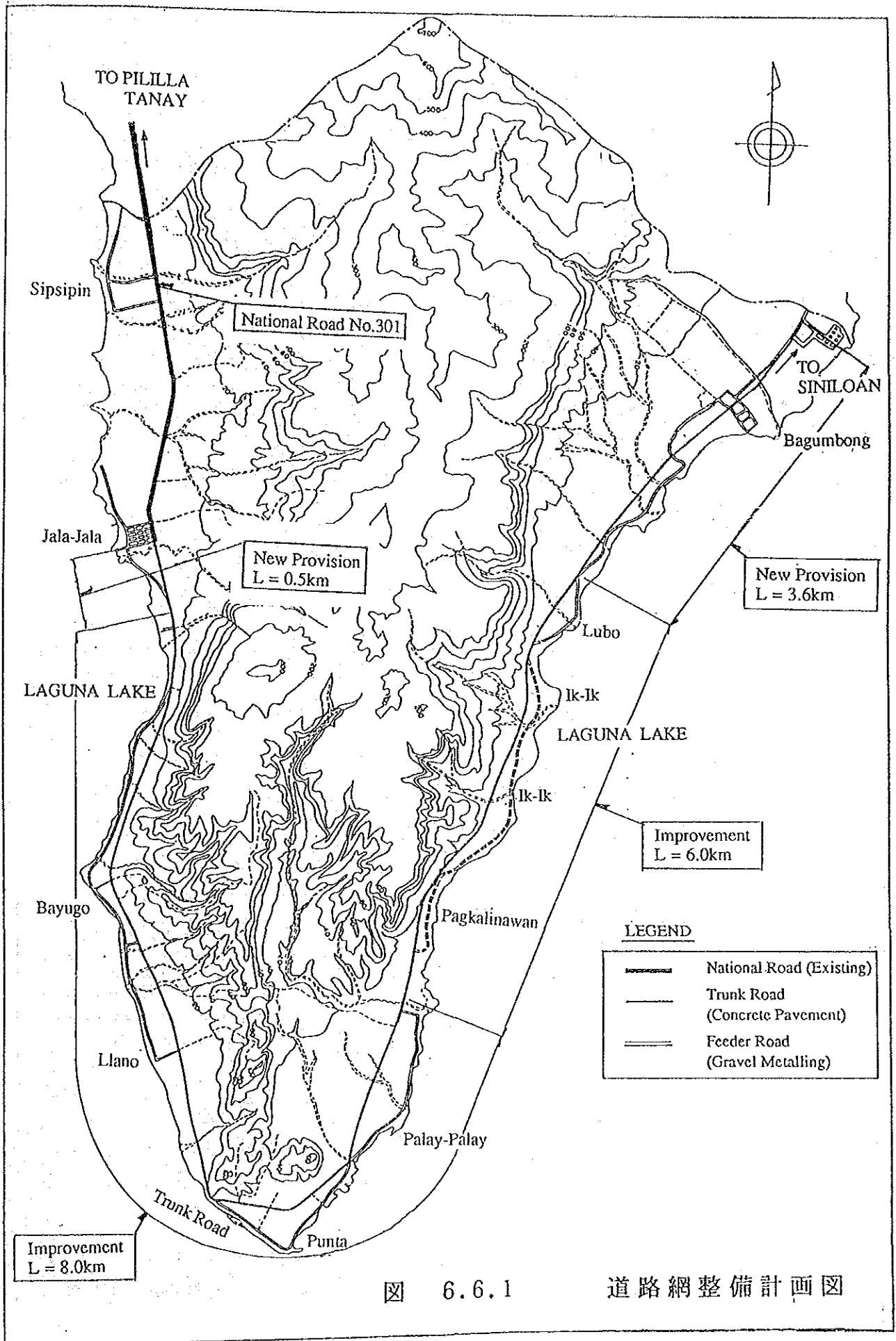


图 6.6.1

道路網整備計画図

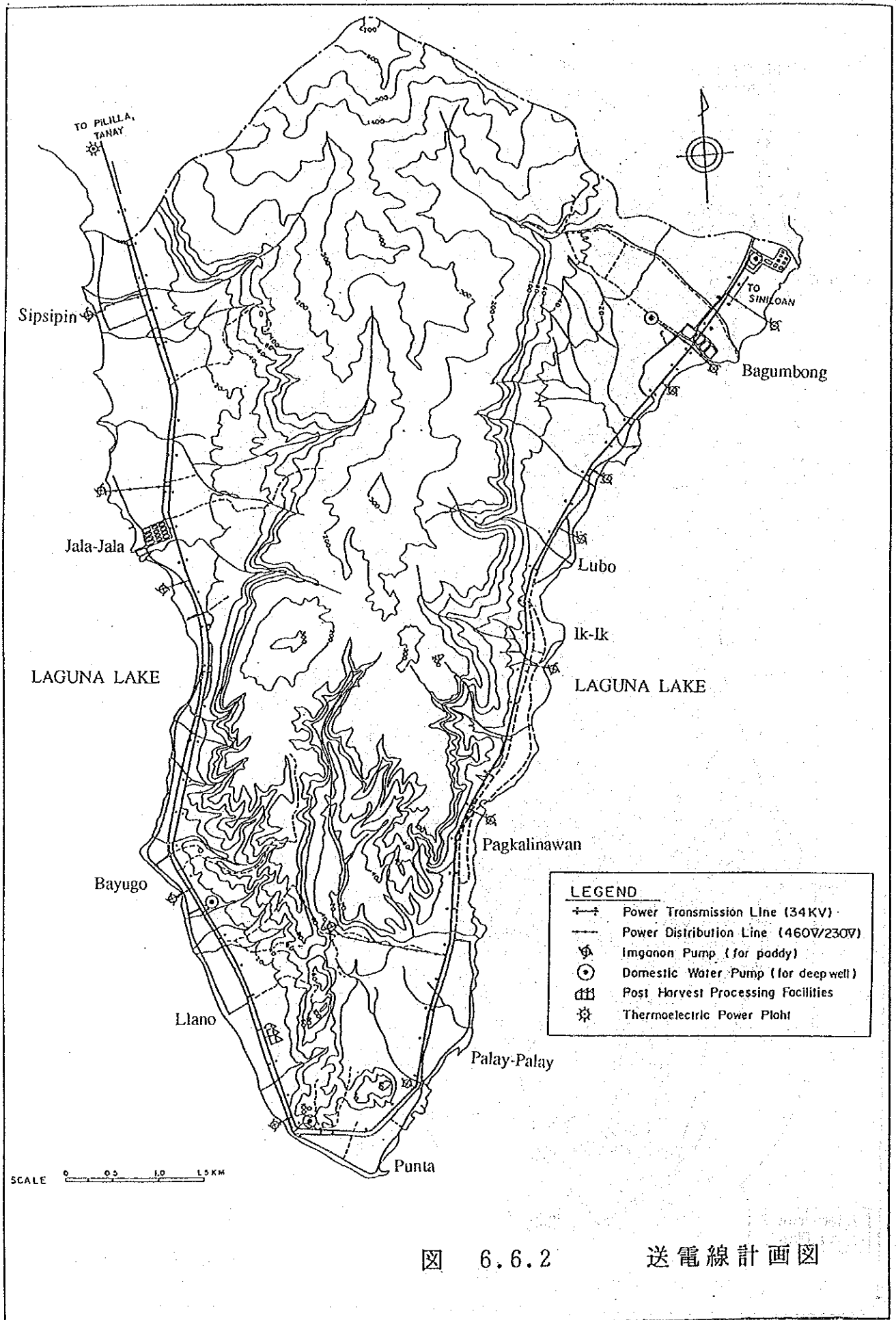


図 6.6.2 送電線計画図

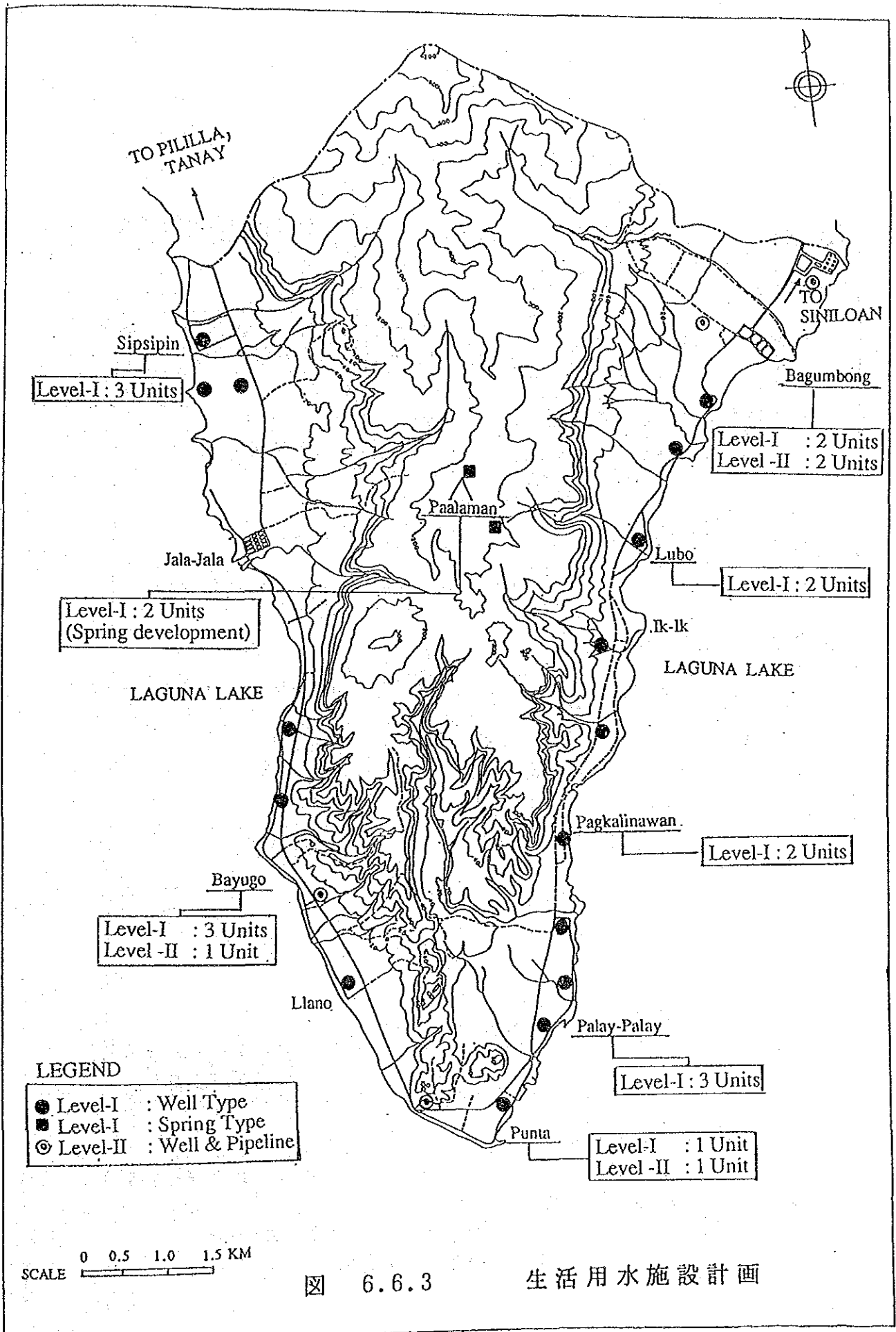


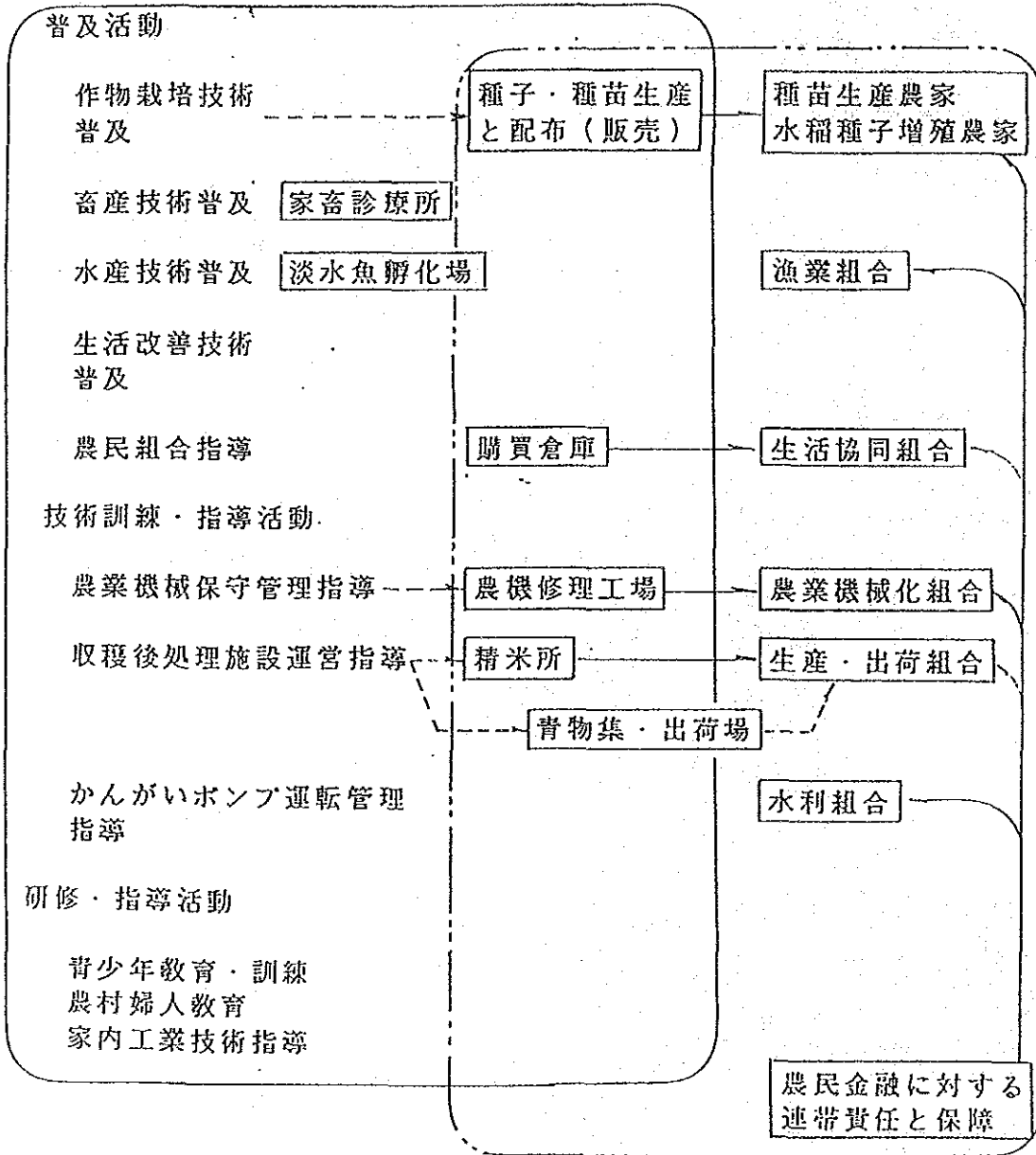
図 6.6.3

生活用水施設計画

地域開発センターの機能

主要施設

農業協同組合の活動



——— 開発初期の運営体系（センターの指導と単協活動）
- - - - - 総合農協結成後の運営（センターの指導と総合農協活動）

図 6.7.1 地域開発センターの支援機能と農業共同組合の活動

STRUCTURAL ORGANIZATION

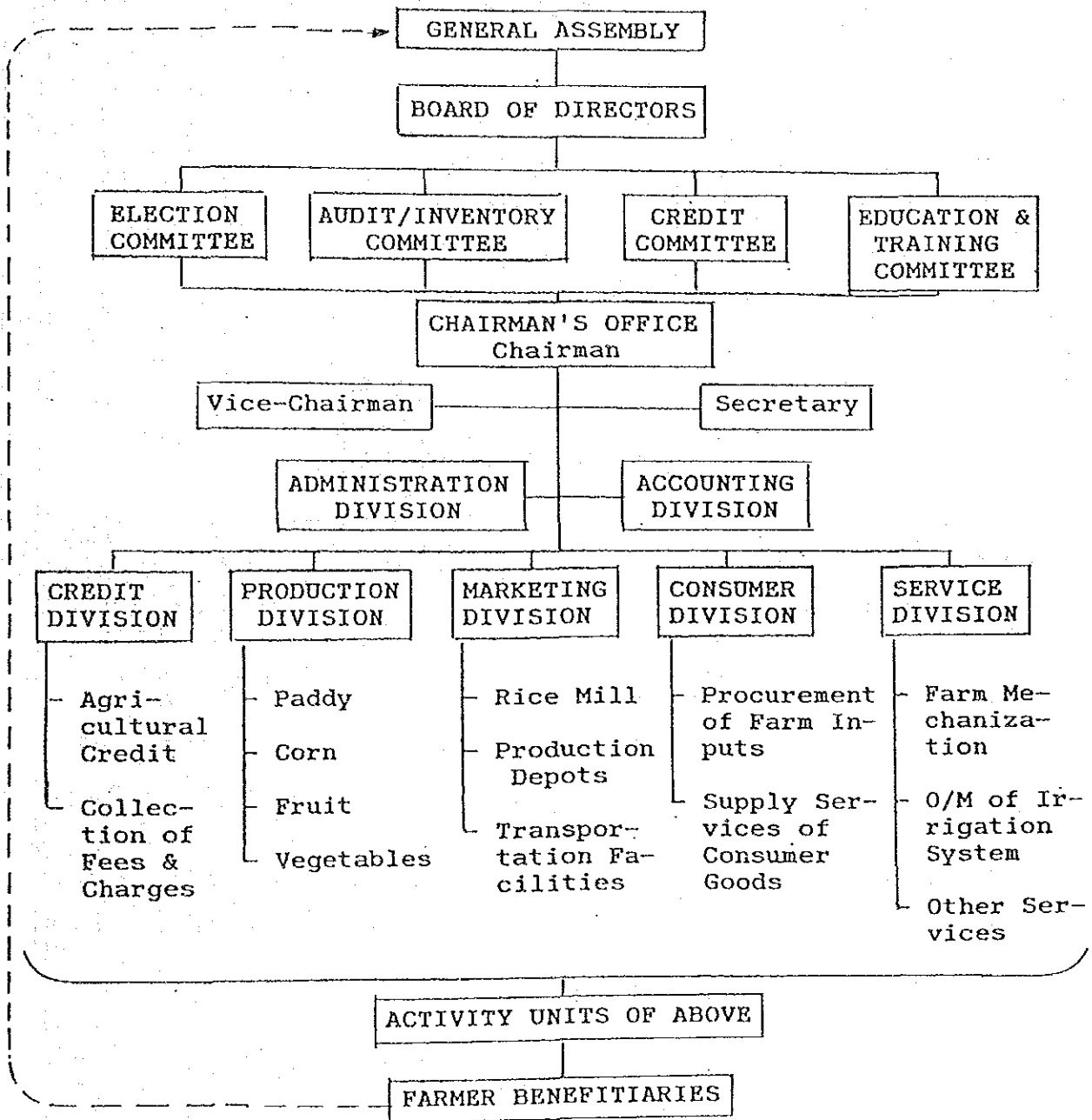


図 6.8.1 ハラハラ農業協同組合組織図

WORKS	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000										
1. CARP Oriented Project																				
(1) 1st Stage																				
- Rural Development Center	—	■	■	■																
- Irrigation Component	—	■	■	■																
- Road Component	—	■	■	■																
- Power Supply Component	—	■	■	■																
- Rural Water Supply Component	—	■	■	■																
(2) 2nd Stage																				
- Irrigation Component					▨	▨														
- Road Component					▨	▨														
- Rural Water Supply Component					▨	▨														
- Power Supply Component					▨	▨														
(3) 3rd Stage																				
- Land Conservation							▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨
2. Ordinary Development Program																				
- Transportation facility	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
- Communication facility	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
- Market facilities	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
- Barangay hall	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
- Sports center	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□

Note : — : Preparatory work
 ■ : Construction work

図 7.1.1 全体事業実施計画図

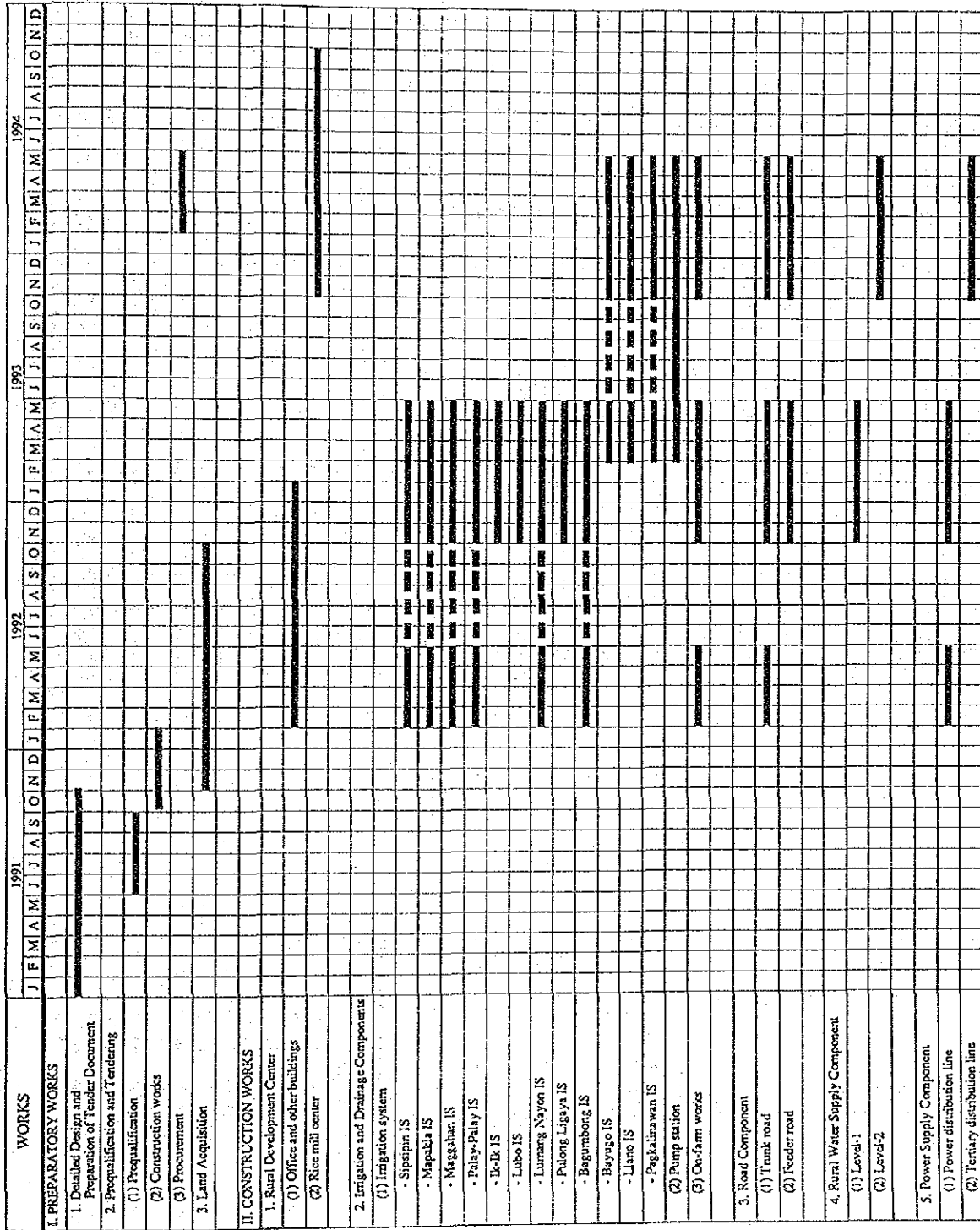


圖 7.2.1 開發第一次段階實施計畫圖

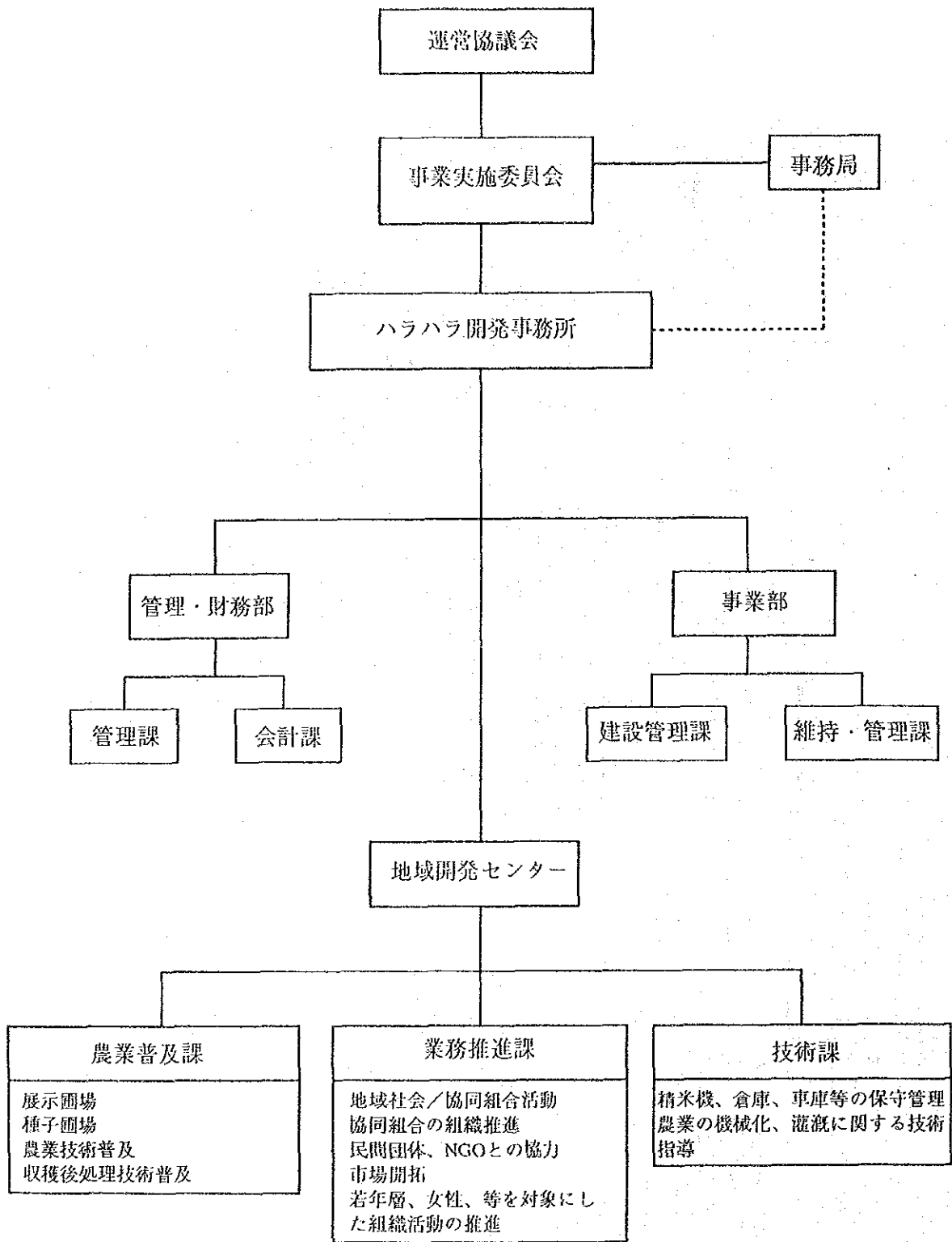


図 7.3.1 事業実施体制

総合農村開発実施の運営に係わる
協力関連各省の分掌範囲

主要開発 諸元	CARP 実施 運営 協力 各省						
	農地改革 省	農業省	環境天然 資源省	公共事業 道路省	かんがい 局	通商工業 省	地方自治 体
地域開発							
センター	***	***	***	***	***	**	**
幹線道路	-	-	-	***	-	-	-
村道	-	-	-	**	-	-	***
農道	-	-	-	-	***	-	**
かんがい区	-	-	-	-	***	-	-
生活用水	-	-	-	***	-	-	*
農村電化	-----マニラ電力公社の協力-----						
簡易漁港	-	**	-	***	-	-	-
支援制度	***	***	**	**	**	**	***
機械化	-	***	-----フィリピン土地銀行の農民金融適用-----				-
収穫処理	-	***	-	-	-	-	-
農民組織	**	**	-----大統領府共同組合庁の支援指導-----				**
福利厚生	**	-	-	-	-	-	***
環境保全	-	**	***	*	*	-	**

註： ***： 計画事業実施運営の主力、
**： 計画事業実施運営に協力、
*： 以上の実施運営を関連した支援。

図 7.3.2 事業実施後の支援体制

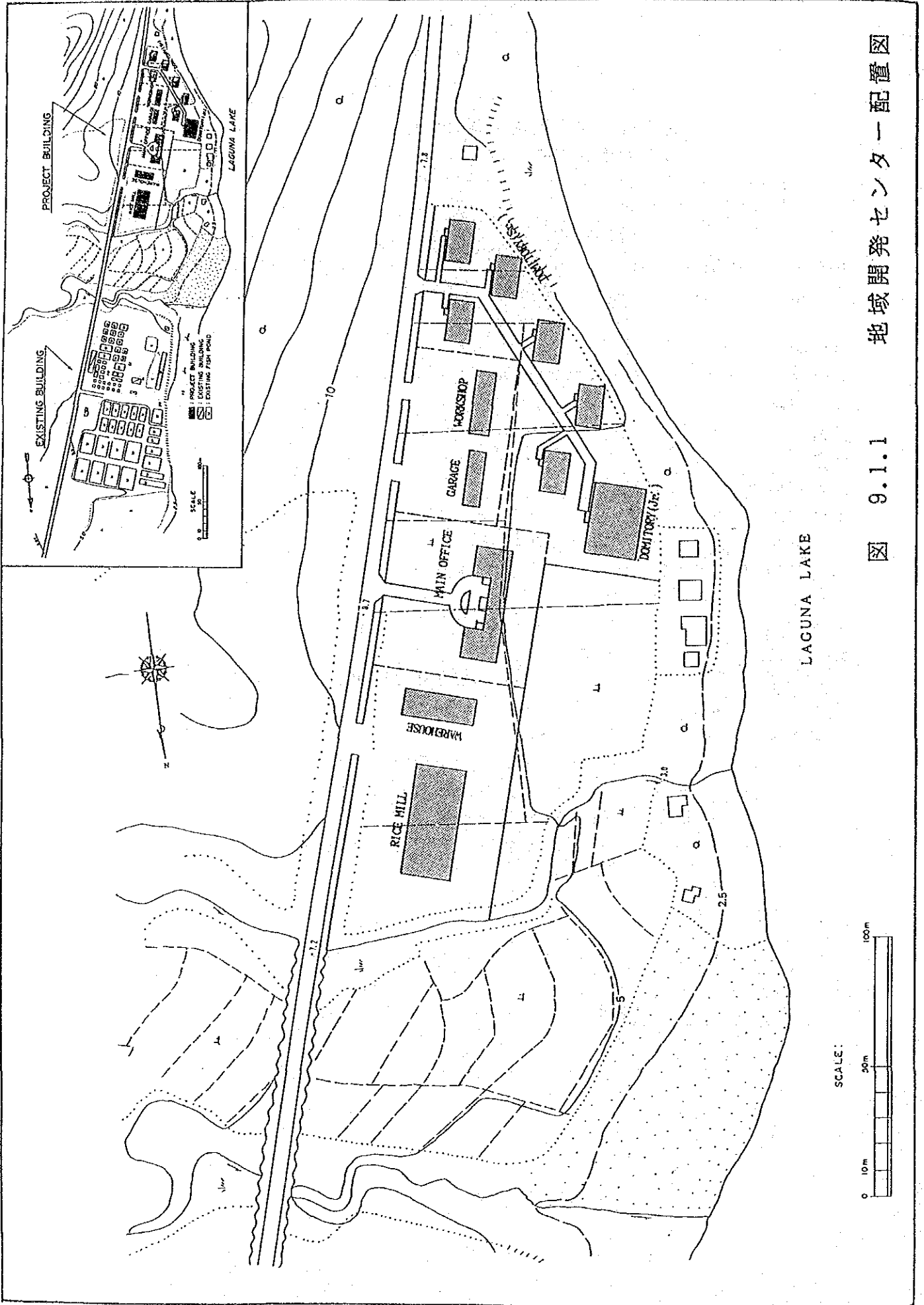


図 9.1.1 地域開発センター配置図

付属資料

フイージビリティー調査に関する実施細則 (1989年4月17日)

IMPLEMENTING ARRANGEMENT ON THE TECHNICAL COOPERATION

BETWEEN

JAPAN INTERNATIONAL COOPERATION AGENCY

AND

DEPARTMENT OF AGRARIAN REFORM

FOR

FEASIBILITY STUDY

ON

INTEGRATED JALAJALA RURAL DEVELOPMENT PROJECT

IN

THE REPUBLIC OF THE PHILIPPINES

AGREED BETWEEN

JAPAN INTERNATIONAL COOPERATION AGENCY

AND

DEPARTMENT OF AGRARIAN REFORM

山本敏

Mr. Satoshi Yamamoto
Team Leader of
Preliminary Survey Team,
Japan International
Cooperation Agency

Phillip Ella Juico

Phillip Ella Juico
Secretary
Department of Agrarian
Reform

April 17, 1989
Manila, Philippines

I. INTRODUCTION

In response to the request of the Government of the Republic of the Philippines (hereinafter referred to as "GOP"), the Government of Japan hereinafter referred to as "GOJ") has decided to conduct the Feasibility Study on Integrated Jalajala Rural Development Project in the Republic of the Philippines (hereinafter referred to as "the Study"), and exchanged the Notes Verbales with GOP concerning the implementation of the Study.

Japan International Cooperation Agency (hereinafter referred to as "JICA"), the official agency responsible for the implementation of the technical cooperation programmes of GOJ will undertake the Study, in accordance with the relevant laws and regulations in force in Japan.

On the part of GOP, Department of Agrarian Reform (hereinafter referred to as "DAR"), shall act as a counterpart agency to the Japanese study team and also as a coordinating body in relation with other governmental and non-governmental organizations concerned for the smooth implementation of the Study.

The present document constitutes the implementing arrangement between JICA and DAR under the above mentioned Notes Verbales exchanged between two governments.

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II. OBJECTIVES OF THE STUDY

The objective of the Study is to formulate an integrated rural development project in Jalajala Municipality and to verify technical, economical and financial feasibility of the project.

III. STUDY AREA

The study area covers about 4,100 hectares in Jalajala Municipality in Rizal Province.

S.Y.

IV. SCOPE OF THE STUDY

The Study will consists of two Phases.

I. Phase I

(1) Collection, review and analysis of relevant data, information and field survey on the followings.

1) Natural Conditions

- a) Topography
- b) Meteorology and Hydrology
- c) Geology and Hydrogeology
- d) Soil

2) Social Conditions

- a) Population
- b) Social organization
- c) Regional and national development programmes
- d) Economy

3) Agriculture

- a) Land use
- b) Farming
- c) Land ownership
- d) Livestock
- e) Farmers organizations
- f) Farm household economy
- g) Marketing
- h) Processing of agricultural products
- i) Agricultural Supporting Systems

4) Agricultural Infrastructure

- a) Irrigation and drainage systems
- b) Rural and farm road

5) Social and rural infrastructure

(2) Identification and evaluation of the development potentials and constraints based on the results of the above survey.

II. Phase II

(1) Supplementary data collection and field survey

(2) Formulation of the integrated rural development project which will consist of the following.

- 1) Agricultural development plan
 - 2) Improvement and development plan of irrigation and drainage systems
 - 3) Improvement plan of social and rural infrastructure
 - 4) Human resource and institutional development plan
 - 5) Community welfare and cultural development plan
 - 6) Pilot area development plan
 - 7) Project implementation plan
 - a) Schedule of project implementation
 - b) Organization for project implementation
 - c) Project operation and management
 - 8) Project evaluation
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V. REPORTS

JICA shall prepare and submit the following reports in English to GOP.

1. Inception Report

Thirty (30) copies at the commencement of the Phase I study.

2. Progress Report (I)

Thirty (30) copies at the end of the field study of the Phase I study.

3. Interim Report

Thirty (30) copies at the commencement of the Phase II study.

4. Progress Report (II)

Thirty (30) copies at the end of the field study of the Phase II study.

5. Draft Final Report

Thirty (30) copies at the end of Phase II study.

GOP shall provide JICA with its comments on the draft final report

within one (1) month after the receipt of it.

6. Final Report

Fifty (50) copies within one (1) months after the receipt of the comments of GOP on the Draft Final Report.

VI. STUDY SCHEDULE

The tentative work schedule is shown in the Appendix.

VII. UNDERTAKING OF GOP

In accordance with the Notes Verbales exchanged between GOJ and GOP, GOP shall accord privileges, immunities and other benefits to the Japanese study team and, through the authorities concerned, take necessary measures to facilitate smooth conduct of the Study.

1. GOP shall be responsible for dealing with claims which may be brought by third parties against the members of the Japanese study team and shall hold them harmless in respect of claims or liabilities arising in the course of, or otherwise connected with the discharge of their duties in the implementation of the Study, except when such claims or liabilities arise from gross negligence or willful misconduct of the above-mentioned members.

2. DAR shall, at its own expense, provide the Japanese study team with the following, if necessary, in cooperation with other agencies concerned:

- (1) Available data and information related to the Study,
- (2) Counterpart personnel,
- (3) Suitable office space with necessary equipment both in Metro Manila and in the project site.
- (4) Credentials or identification cards to the members of the Japanese study team.

3. DAR shall make necessary arrangements with other governmental and non-governmental organizations concerned for the following:

- (1) to secure the safety of the Japanese study team
- (2) to permit the members of the Japanese study team to enter, leave and sojourn in the Philippines for the duration of their assignment therein; and exempt them from alien registration requirements and consular fees;

~~(3) to exempt the members of the Japanese study team from taxes, duties, fees and other charges on equipment, machinery and other materials.~~

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brought into the Philippines for the conduct of the Study:

- (4) to exempt the members of the Japanese study team from income tax and charges of any kind imposed on or in connection with any emolument or allowance paid to the members of the Japanese study team for their services in connection with the implementation of the Study;
- (5) to provide necessary facilities to the Japanese study team for remittance as well as utilization of the funds introduced into the Philippines from Japan in connection with the implementation of the Study;
- (6) to secure permission for entry into private properties or restricted areas for the conduct of the Study;
- (7) to secure permission to take all data and documents (including photographs) related to the Study out of the Philippines to Japan by the study team;
- (8) to provide medical services as needed and its expenses will be chargeable against the members of the Japanese study team.

VIII. UNDERTAKING OF GOJ

In accordance with the Notes Verbales exchanged between GOJ and GOP, through JICA, shall take the following measures for the implementation of the Study:

1. to dispatch, at its own expense, study team to the Philippines;
2. to pursue technology transfer to the Philippine counterpart;
3. to provide necessary equipment for the implementation of the Study, which will remain the property of JICA unless otherwise agreed.

IX. CONSULTATION

JICA and OAR shall consult with each other in respect of any matter that may arise from or in connection with the Study.

Annex

Tentative Work Schedule

Item	Month	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Work in Philippines		[Horizontal bar spanning months 1 to 17]																
Work in Japan		[Small box]									[Small box]				[Small box]			
Reports		Δ IC/R									Δ IT/R				Δ P/R(II)	Δ DP/R		Δ F/R

Remarks
 IC/R : Inception Report P/R : Progress Report
 IT/R : Interim Report DP/R : Draft Final Report
 F/R : Final Report

J. [Signature]

フィージビリティ調査に関する合意書 (1989年4月17日)

MINUTES OF MEETING
FOR
FEASIBILITY STUDY
ON
INTEGRATED JALA-JALA RURAL DEVELOPMENT PROJECT
IN
THE REPUBLIC OF THE PHILIPPINES
AGREED BETWEEN
JAPAN INTERNATIONAL COOPERATION AGENCY
AND
DEPARTMENT OF AGRARIAN REFORM

↓ 本 敏

Philip Slla Juico

MR. SATOSHI YAMAHOTO
Team Leader of
Preliminary Survey Team,
Japan International
Cooperation Agency

PHILIP SLLA JUICO
Secretary
Department of Agrarian
Reform

April 17, 1989
Manila, Philippines

The Preliminary Survey Team headed by Mr. Satoshi Yamamoto (hereinafter referred to as the "Team") was dispatched by JICA from April 9, to April 18, 1989 for the Feasibility Study on Integrated Jala-Jala Rural Development Project in the Republic of the Philippines (hereinafter referred to as the "Study").

The Team and the officials of Department of Agrarian Reform (hereinafter referred to as "DAR") and other authorities concerned discussed and exchanged their views and finally agreed on the Implementing Arrangement of the Study on April 17, 1989.

The salient results of the discussions are as follows:

1. At the meetings on 10 and 14 April 1989, DAR requested that the study schedule should be shortened to within nine months or by June 1990. But the Team said that this would be difficult because the preparation of the topographic map will take a longer time. Both sides agreed that JICA would undertake the study schedule in a period shorter than seventeen months.

2. Both sides agreed that JICA would prepare a topographic map in the scale of 1/5,000 which covers the study area using an aerial photograph.

3. As for the undertaking of GOP 3. (7), DAR requested that the sentence should be changed as follows:

"to secure permissions to take data and documents (including photographs) related to the Study out of the Philippines to Japan by the study team on a case-to-case basis." - The team pointed out that it would be difficult for the study team to do the feasibility study if they cannot bring the necessary documents to Japan. Both sides agreed that they would prevent any problem in order to conduct the feasibility study smoothly.

4. DAR requested JICA to provide the Department with three (3) vehicles for the implementation of the study to be turned over to DAR after the study. The team agreed on the necessity of the vehicles and that they would favorably endorse it to JICA.

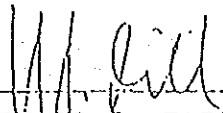
5. DAR requested JICA to provide the training of counterparts in Japan. The team agreed on the necessity of counterpart training in Japan and that they would favorably endorse it to JICA.

6. DAR requested that Filipino consultancy firms be tapped in the conduct of some of the components of the feasibility study. The team agreed to favorably endorse the request to JICA.

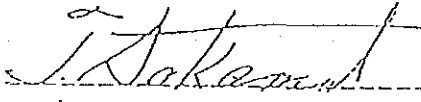
J. J. J.

ドラフト・ファイナル・レポートに関する合意書 (1990年8月8日)

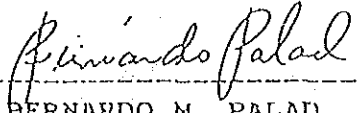
MINUTES OF MEETING
ON
THE DRAFT FINAL REPORT
OF
FEASIBILITY STUDY
ON
INTEGRATED JALA-JALA RURAL DEVELOPMENT PROJECT



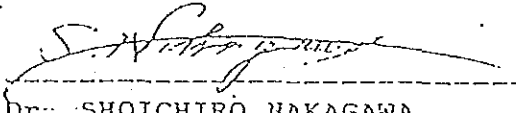
Hon. RENALD B. PADILLA
Undersecretary for Support
Services (SSO),
Department of Agrarian Reform
(DAR)
[Chairman of Technical Monitor-
ing Committee (TMC)]



Mr. TADASHI SAKAMOTO
Team Leader
Study Team of Japan Inter-
national Cooperation Agency
(JICA)



Mr. BERNARDO M. PALAD
Chief Counterpart for the Pro-
ject, SSO, DAR



Dr. SHOICHIRO NAKAGAWA
Chairman
JICA Advisory Committee

Conference Room of DAR Main Office
Quezon City, Metro-Manila
August 8, 1990

MINUTES OF MEETING
ON
THE DRAFT FINAL REPORT
FOR
FEASIBILITY STUDY
ON
INTEGRATED JALA-JALA RURAL DEVELOPMENT PROJECT

1. DATE: 7th August, 1990
2. TIME: 2:00 to 5:30 p.m.
3. VENUE: Conference Room of DAR Main Office
Quezon City, Metro-Manila
4. PARTICIPANTS:
 - Member of Technical Monitoring Committee (Representative Staff of Inter CARP Coordinating Agencies Concerned)
 - = Department of Agrarian Reform (DAR)
 - = National Economic Development Authority (NEDA)
 - = Department of Environment and Natural Resources (DENR)
 - = Department of Agriculture (DA).
 - = Department of Public Works and Highways (DPWH)
 - = National Irrigation Administration (NIA)
 - Japan International Cooperation Agency (JICA)
 - = Assistant Resident Representative, JICA Philippine Office
 - = Chairman of JICA Advisory Committee
 - = Coordinator, JICA Headquarters
 - = JICA Colombo Plan Expert, PPO, DAR
 - = JICA Study Team

Name of all the participants as per attached list.

5. MINUTES OF DISCUSSION

A. Summary

This meeting of the Technical Monitoring Committee (TMC) was presided by the TMC Chairman, Hon. Undersecretary Renato B. Padilla of the Department of Agrarian Reform. The Chairman presented the general agenda to the participant members of TMC and turned over the presentation of the Draft Final Report to Mr. Tadashi Sakamoto, Leader of the JICA Study Team.

After some discussions, the development plan and principal features of the development components as identified

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and verified by the JICA Study Team were basically accepted by the TMC. To finalize the feasibility study, successfully and satisfactorily, the TMC members will contribute their comments and recommendations to the JICA Study Team after further careful review and study of the draft final report. These will be sent to the JICA Headquarters in Tokyo thru JICA Philippine Office on or before 20th of August, 1990. As for the project organization necessary for the implementation and operation cum management of the project facilities, including the Rural Development Center, DAR agreed to submit its written recommendations to JICA on or before 20th of August, 1990.

B. Issues Raised

After the presentation of the Team Leader of the JICA Study Team, the following issues and concerns were raised:

(1) Proposed Features and Major Development Components:

- Water charges and NIA's contribution (subsidy) to the farmer beneficiaries.
- Electric power supply for pump operation
- Farm mechanization vis reinforcement of draft animal use.
- Technical extension cum training for promotion of the agro-forestation
- Road network and its economic benefits
- Area for proposed forestation

(2) Implementation Schedule

The JICA Study Team suggested that the TMC take note of the need for a synchronized implementation of the interrelated project components, i.e., power transmission lines vis-a-vis irrigation facilities.

(3) Economic Evaluation of the Project

The Team Leader explained the results of economic evaluation of this Project and suggested that HEDA take special consideration in the evaluation and endorsement of the Project implementation which was affirmed by the HEDA representative.

(4) Project Organization and Management

The Study Team requested the TMC to clarify the implementing and management arrangements for the Project as well as the Rural Development Center. DAR committed to submit in writing the said arrangements on or before 20th of

Handwritten signatures: J.S. and S.N.

Handwritten signature: M. Quill

Handwritten initials: J.P.

August, 1990.

(5) Other Matters

DAR requested JICA to hand over, at the end of the Study, the equipment brought into the Philippines in connection with the implementation of the Study. JICA advised DAR to submit an official letter of such request to JICA Headquarters in Tokyo through its Philippine Office.

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Republic of the Philippines
DEPARTMENT of AGRARIAN REFORM

DATE : 7 August 1990

TIME : 9:30 a.m.

VENUE: BARIE Conference Room
 J & S Bldg. Kalayaan Avenue
 Quezon City

AGENDA: Discussion and Explanation of Draft Final Report
 of Integrated Jala Jala Rural Development Project
 with DAR Representatives

Philippine Party:

- | | |
|---------------------------|--------------------------|
| 1. Benjamin T. Leong | Secretary/DAR |
| 2. Renato B. Padilla | Undersecretary/DAR SSO |
| 3. Dorothy L. Tadeo | Undersecretary/DAR PPO |
| 4. Gil Cabezon | Asst. Secretary/DAR PPO |
| 5. Ma. Theresa A. Jumat | Asst. Secretary/DAR SSO |
| 6. Briccio Tamparong Jr. | Asst. Secretary-Luzon |
| 7. Ma. Isabel Perez | Director III/DAR PMS |
| 8. Bernardo M. Palad | Spec. Consultant/DAR SSO |
| 9. Wilfredo B. Leano | Regional Director/DAR IV |
| 10. Rene Colacar | CARPO/ DAR-SSO-Rizal |
| 11. Naomi Capinpin | PARO/ DAR Rizal |
| 12. Emma C. Canlas | CARPO/DAR - SSO |
| 13. Ma. Theresa Baul | SUARPO/DAR-SSO |
| 14. Aurea M. Teves | CARPO/ DAR - SSO |
| 15. Dennis M. Bautista | ARPO II/DAR SSO CO |
| 16. Cristina C. Dagdag | ARPO I/DAR SSO CO |
| 17. Imelda S. Garcia | ARPO I/DAR SSO CO |
| 18. ROSALINDA S. BALANZAR | |

[Handwritten signatures and initials corresponding to the Philippine Party list, including names like 'M. T. Leong', 'D. L. Tadeo', 'G. Cabezon', etc.]

Japanese Party:

- | | |
|----------------------------|--------------------------|
| 1. Mr. T. Sakamoto | Team Leader |
| 2. Mr. S. Homma | Rural Dev't Planner |
| 3. Mr. H. Kuronuma | Irrigation Engineer |
| 4. <u>Dr. S. Nishigawa</u> | <u>JICA Chairman</u> |
| 5. <u>Mr. A. HAYASHI</u> | <u>JICA Official</u> |
| 6. <u>Mr. T. HIBOPO</u> | <u>JICA Expert / DAR</u> |

[Handwritten signatures and initials corresponding to the Japanese Party list, including names like 'T. Sakamoto', 'S. Homma', 'H. Kuronuma', etc.]

[Large handwritten initials 'J.S. J.A.']



Republic of the Philippines
DEPARTMENT OF AGRARIAN REFORM

DATE : 7 August 1970

TIME : 2:00 p.m.

VENUE: Office of the Secretary
Conference Room
Department of Agrarian Reform
Quezon City

AGENDA: Discussion and Explanation of Draft Final Report
of Integrated Jala Jala Rural Development Project
with Technical Monitoring Committee Members

Philippine Side:

- | | |
|--------------------------|---------------------------|
| 1. Benjamin T. Leong | Secretary/DAR |
| 2. Renato B. Padilla | Undersecretary/DAR SSO |
| 3. Dorothy L. Tadeo | Undersecretary/DAR PPO |
| 4. Gil Cabison | Asst. Secretary/DAR PPO |
| 5. Ma. Theresa A. Jumat | Asst. Secretary/DAR SSO |
| 6. Ma. Isabel Perez | Director III/DAR PMS |
| 7. Bernardo M. Palad | Spec. Consultant/DAR SSO |
| 8. Wilfredo B. Leano | Regional Director/DAR IV |
| 9. Rene Colacar | CARPO/ DAR-SSO-Rizal |
| 10. Naomi Capinpin | PARO/ DAR Rizal |
| 12. Emma C. Canlas | CARPO/DAR - SSO |
| 13. Ma. Theresa Baul | SUARPO/DAR-SSO |
| 14. Aurea M. Teves | CARPO/ DAR - SSO |
| 15. Rogelio Rotoni | Project Manager/NIA-CARP |
| 16. Jose Dominador Gomez | SDS/ NEDA |
| 17. Ricardo Bamero | Chief Proj. Planning/DPWH |
| 18. Roberto Villa | Chief/DA-Planning |
| 19. Adelaida Balanza | Sociologist/DENR-ISF |
| 20. Benjamin Ranases | Head/ADS Meralco Found. |
| 21. Dennis M. Bautista | ARPO II/DAR SSO CO |
| 22. Cristina C. Dagdag | ARPO I/DAR SSO CO |
| 23. Imelda G. Garcia | ARPO I/DAR SSO CO |

[Handwritten signatures and initials corresponding to the Philippine side list, including names like Palad, Tadeo, Jumat, etc.]

Japanese side:

- | | |
|--------------------|------------------------------------|
| 1. Mr. T. Sakamoto | Team Leader |
| 2. Mr. S. Homma | Rural Dev't Planner |
| 3. Mr. H. Kuronuma | Irrigation Engineer |
| 4. Mr. S. Nakagawa | JICA's Advisory Committee Chairman |
| 5. Mr. A. Handani | JICA official, Tokyo |
| 6. Mr. F. KIKUCHI | JICA official |
| 7. Mr. T. HIRANO | JICA expert / DAR |

[Handwritten signatures and initials corresponding to the Japanese side list, including names like Sakamoto, Homma, Kuronuma, etc.]

[Handwritten initials/signature at the bottom right corner]

**ORGANIZATION FOR EXECUTION
OF
FEASIBILITY STUDY
ON
INTEGRATED JALA-JALA RURAL DEVELOPMENT
PROJECT**

(1) Advisory Committee

To efficiently implement the feasibility study on the subjected Project, JICA organized following Advisory Committee and provided technical advice to the Study Team, periodically.

- Chairman: Dr. Shoichiro Nakagawa
Chairman of Japan Irrigation/Drainage Engineering Association
- Member: Mr. Kuraji Kato
International Affairs Department, Ministry of Agriculture, Forestry and Fisheries
- Mr. Akio Kariya
Agricultural Production Department, Ministry of Agriculture, Forestry and Fisheries
- Coordinator: Mr. Yoshiaki Nishikawa
Agriculture, Forestry and Fisheries Planning and Survey Department, Japan International Cooperation Agency

(2) JICA Study Team

The member of the JICA Study Team is as follows:

a. Phase I (September 19, 1989 - February 28, 1990)

Designation	Name	Assignment Period
Team Leader	Tadashi Sakamoto	September 25 - October 1, 1989 (F) December 17 - 23, 1989 (F) December 24 - 29, 1989 (H) February 19 - 25, 1990 (H)
Co-leader/Rural Dev. Planner	Susumu Homma	September 19 - 24, 1989 (H) September 25 - December 23, 1989 (F) December 24, 1989 - February 21, 1990 (H)
Irrigation Engineer	Hiroshi Kuronuma	September 19 - 24, 1989 (H) September 25 - December 23, 1989 (F) December 24, 1989 - February 21, 1990 (H)
Meteo-hydrologist	Eiichi Sakaebara	September 25 - December 8, 1989 (F) December 24, 1989 - January 22, 1990 (H)
Geology/Ground Water	Takashi Aoyama	October 10, 1989 - December 8, 1989 (F) December 24, 1989 - January 22, 1990 (H)
Agronomist	Seiichi Makino	September 25 - December 23, 1989 (F) December 24, 1989 - February 25, 1990 (H)
Pedologist	Rogelio P. Aguinaldo	September 25 - December 23, 1989 (F) January 6 - February 4, 1990 (H)
Agricultural Economist	Primo B. Villanueva	September 25 - December 23, 1989 (F) January 6 - February 4, 1990 (H)

Remarks) F : Field Work, H : Home Work

a. Phase II (March 19, 1990 - September 30, 1990)

Designation	Name	Assignment Period
Team Leader	Tadashi Sakamoto	April 1 - 10, 1989 (F) May 24 - 30, 1989 (F) July 23 - 29, 1989 (H) August 5 - 11, 1990 (F)
Co-leader/Rural Dev. Planner	Susumu Homma	March 29 - 31, 1990 April 1 - May 30, 1990 (F) June 3 - July 29, 1990 (H) August 5 - 11, 1990 (F)
Irrigation Engineer	Hiroshi Kuronuma	March 29 - 31, 1990 April 1 - May 30, 1990 (F) June 3 - July 29, 1990 (H) August 5 - 11, 1990 (F)
Meteo-hydrologist	Eiichi Sakaebara	April 1 - 30, 1990 (F) June 1, - 15, 1990 (H)
Agronomist	Seiichi Makino	April 1 - May 15, 1990 (F) June 15 - July 29, 1990 (H)
Pedologist	Rogelio P. Aguinaldo	April 1 - 30, 1990 (F)
Agricultural Economist	Primo B. Villanueva	April 1 - 30, 1990 (F)
Design Engineer	Toshiaki Miyabayashi	April 1 - May 30, 1990 (F) May 31 - July 29, 1990 (H)
Project Economist	Yoshiyuki Ishizaki	May 1 - 30, 1990 (F) June 30 - July 29, 1990 (H)

Remarks) F : Field Work, H : Home Work

(3) Technical Monitoring Committee

Department of Agrarian Reform (DAR) together with the inter CARP coordinating Agencies organized the Technical Monitoring Committee (TMC) for assistance in the objective study, efficiently and satisfactorily. TMC Meeting has held once a month during the field survey/study period, regularly for contributing to the Study. Members of TMC are shown as follows :

Name	Position/Agency
Renato B. Padilla	Chairman of TMC, Undersecretary of SSO, DAR
Cresente C. Paez	Assistant Secretary, SSO, DAR
Ma. Isabel Perez	Chief, DAR-PMS
Bernardo M. Palad	Chief Counterpart, Special Consultant, SSO, DAR
Rogelkio Rotoni	Project Manager, NIA-CARP
Ricardo Bamero	Chief Project Planning, DPWH
Wilfredo B. Leano	Regional Director, DAR-IV
Dominador Gomez	SDS / NEDA
Jose Pacifico Marcelo	ARD-Disignate, DRA, SSO-IV
Roberto Villa	Chief DA, Planning
Jean Fornoles	SARS/DAR-PMS
Adelaida Balanza	Sociologist/DENR-ISF
Josefine Esgiori	Chief EDS/NEDA IV
Dennis M. Boutista	ARPO II/DAR-SSO-CO
Cristina C. Dagdag	ARPO I/DAR-SSO-CO
Imelda C. Garcia	ARPO I/DAR-SSO-CO
Hary Abrillo	EVP Meralco Foundation Inc.
Benjamin Raneses	Head/ADS Meralco Foundation Inc.
Toshio Hirodo	JICA Colombo Plan Expert, PPO, DAR

JICA