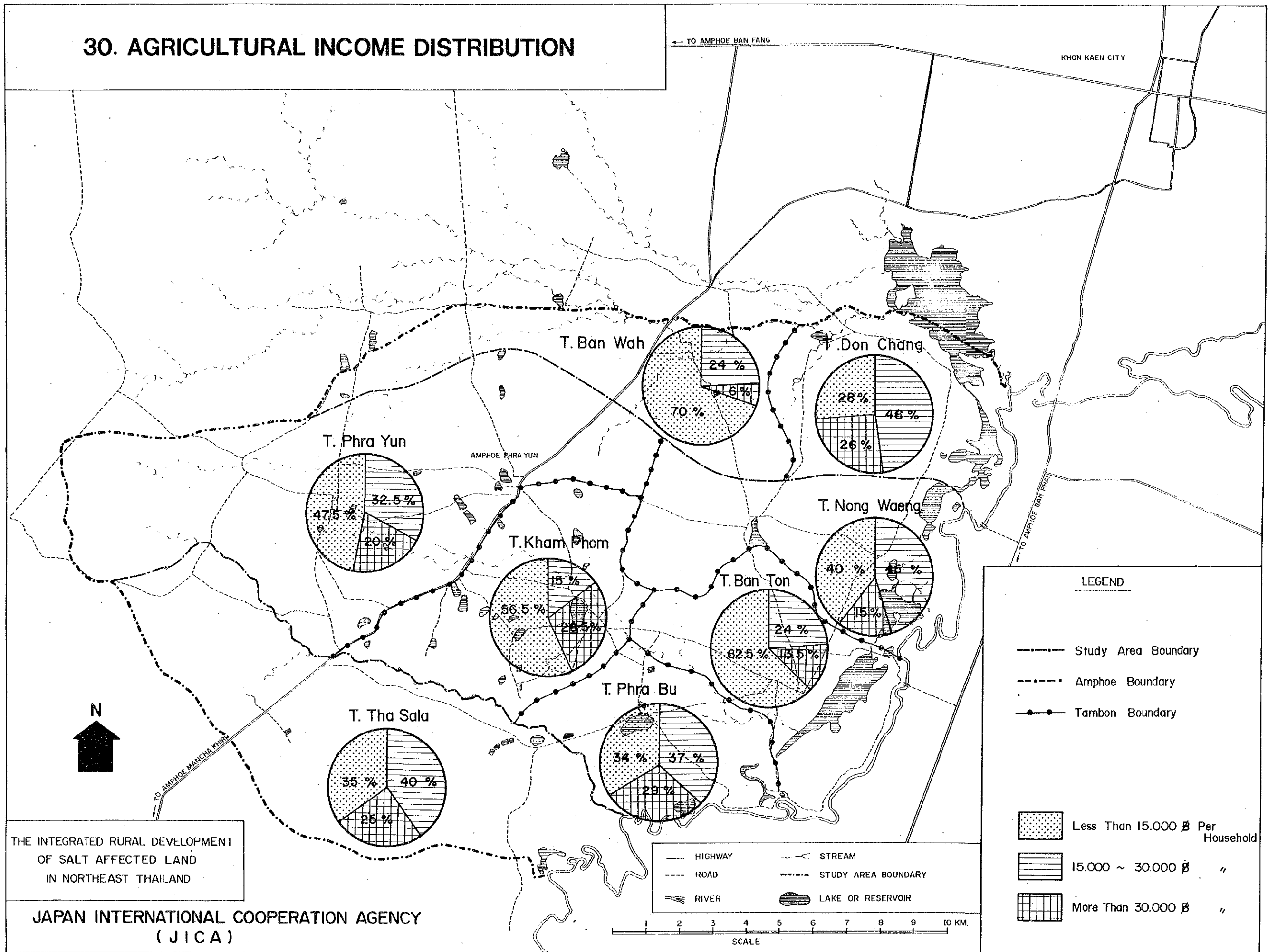
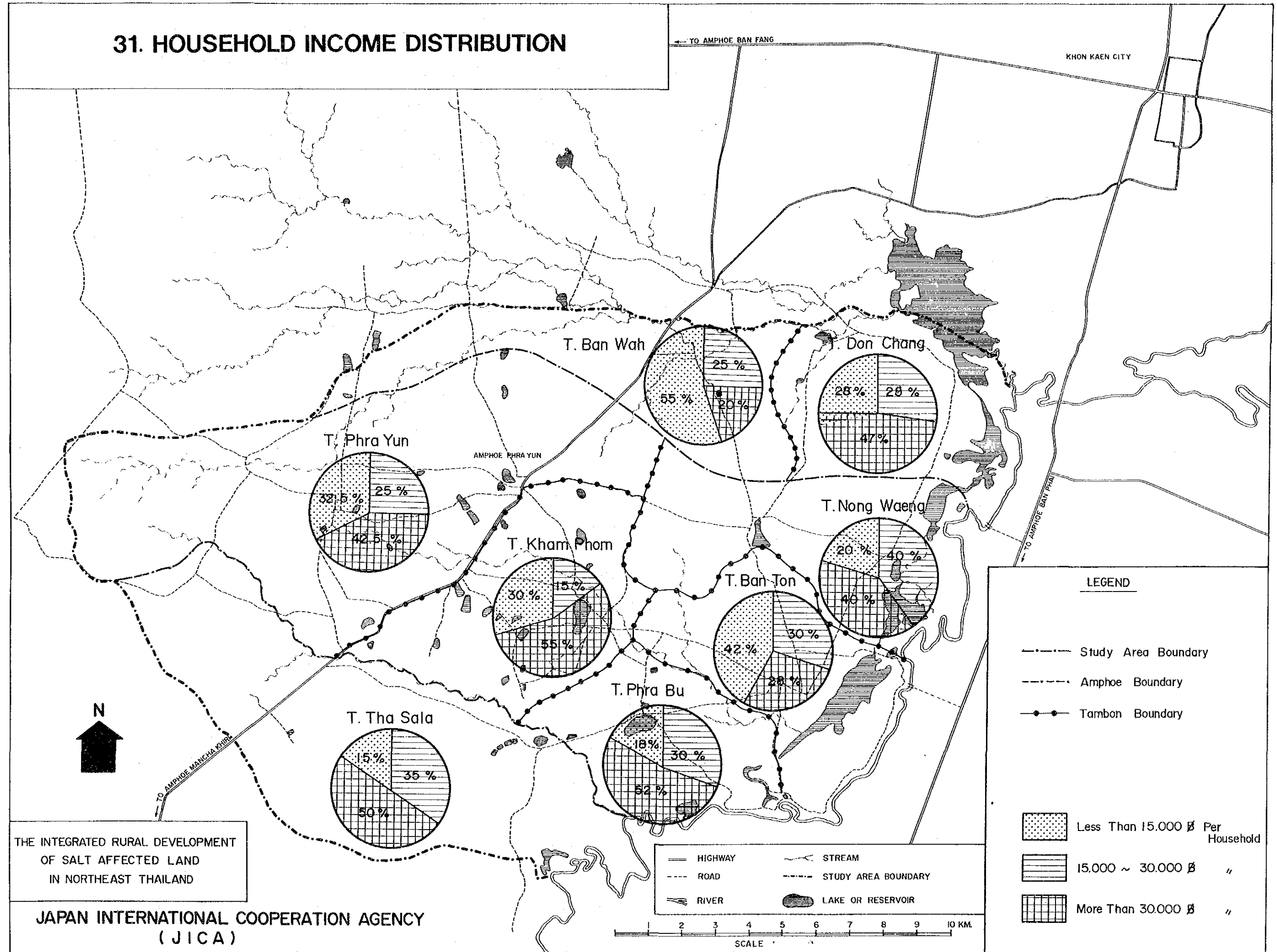


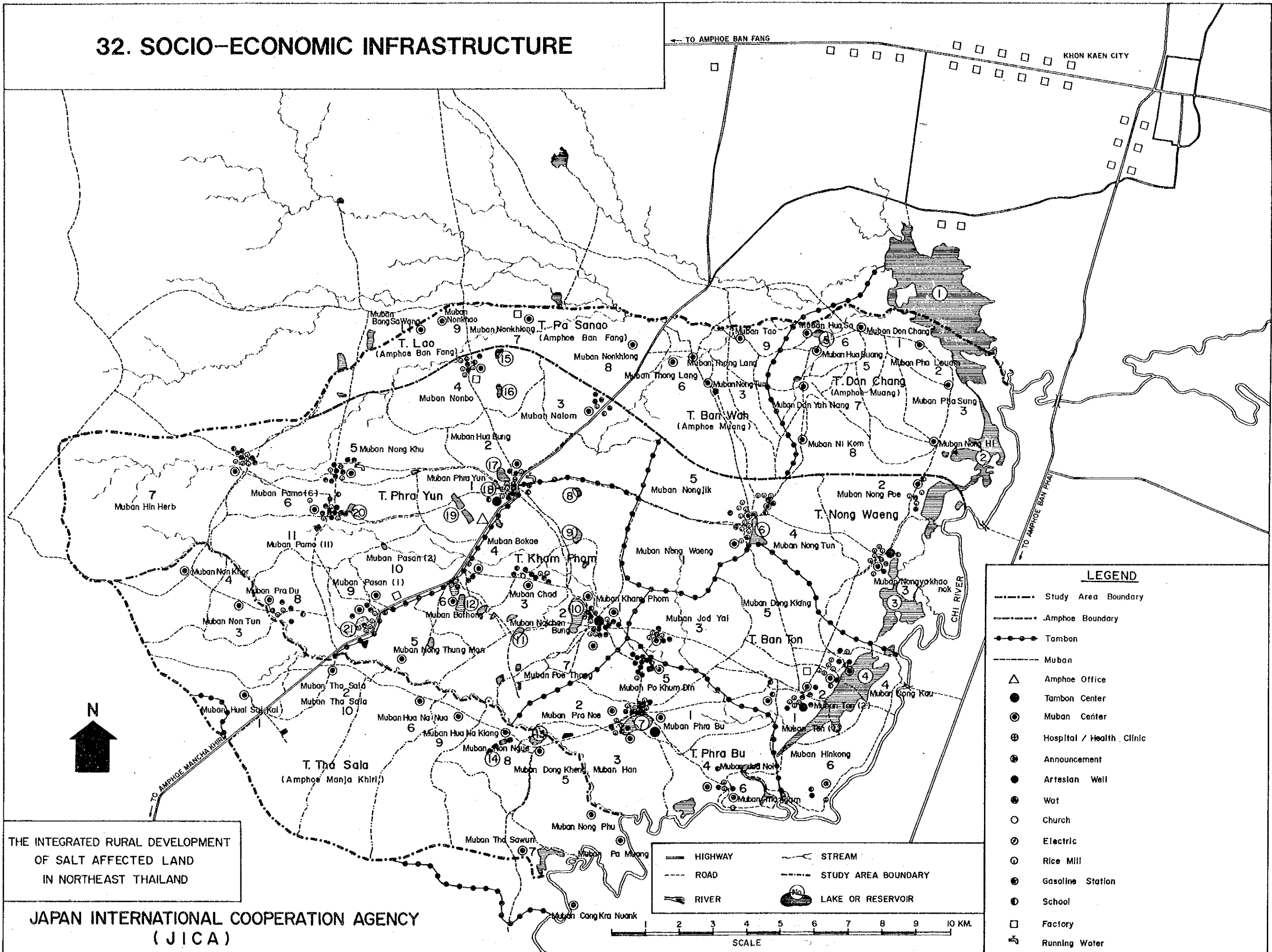
# 30. AGRICULTURAL INCOME DISTRIBUTION



# 31. HOUSEHOLD INCOME DISTRIBUTION



# 32. SOCIO-ECONOMIC INFRASTRUCTURE

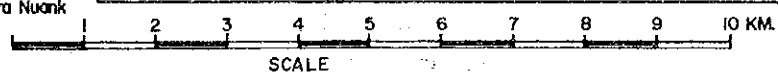


THE INTEGRATED RURAL DEVELOPMENT  
OF SALT AFFECTED LAND  
IN NORTHEAST THAILAND

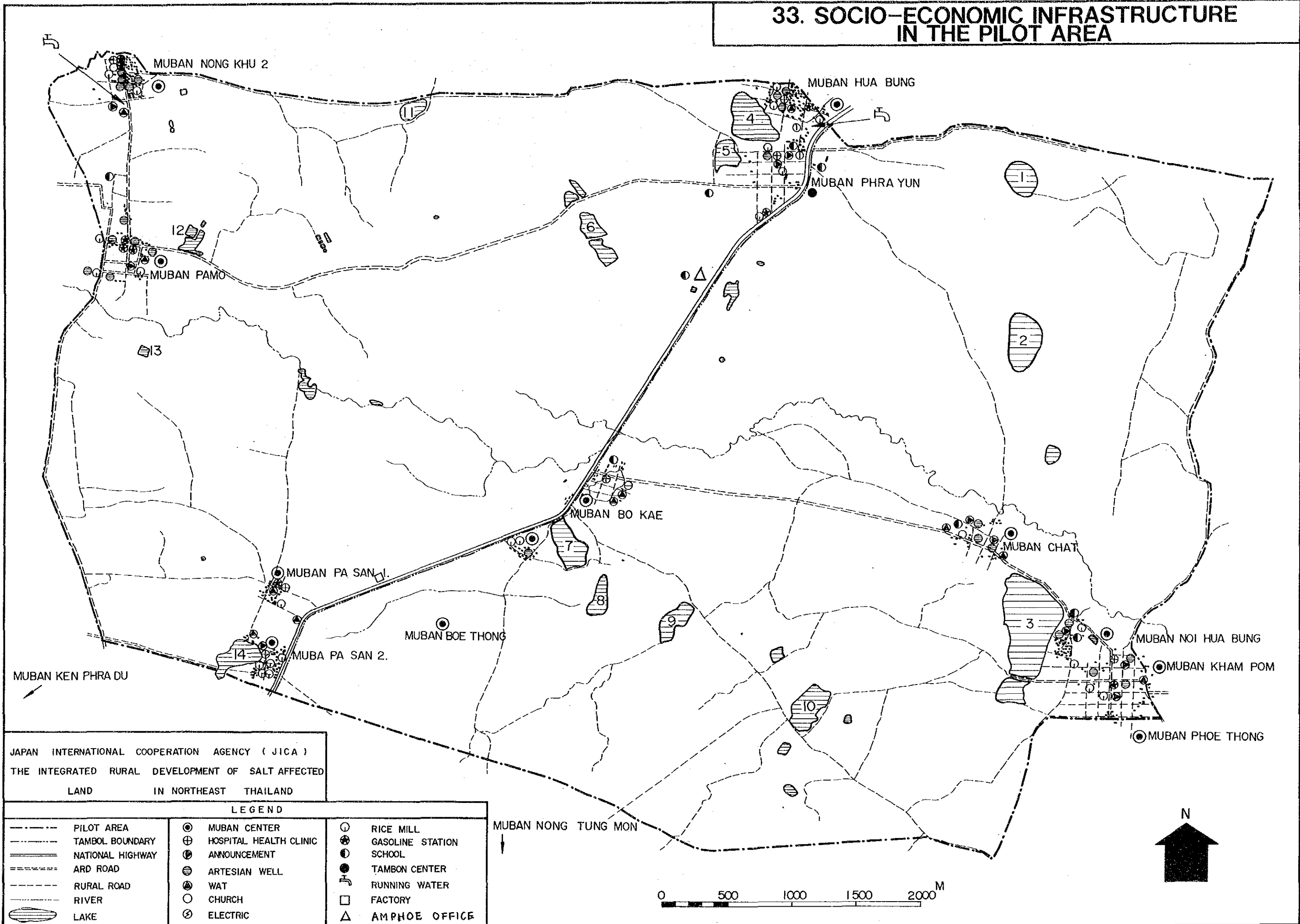
JAPAN INTERNATIONAL COOPERATION AGENCY  
(JICA)

- LEGEND**
- Study Area Boundary
  - Amphoe Boundary
  - Tambon
  - Muban
  - △ Amphoe Office
  - Tambon Center
  - Muban Center
  - ⊕ Hospital / Health Clinic
  - Announcement
  - Artesian Well
  - Wat
  - Church
  - ⊙ Electric
  - ⊙ Rice Mill
  - Gasoline Station
  - School
  - Factory
  - ↗ Running Water

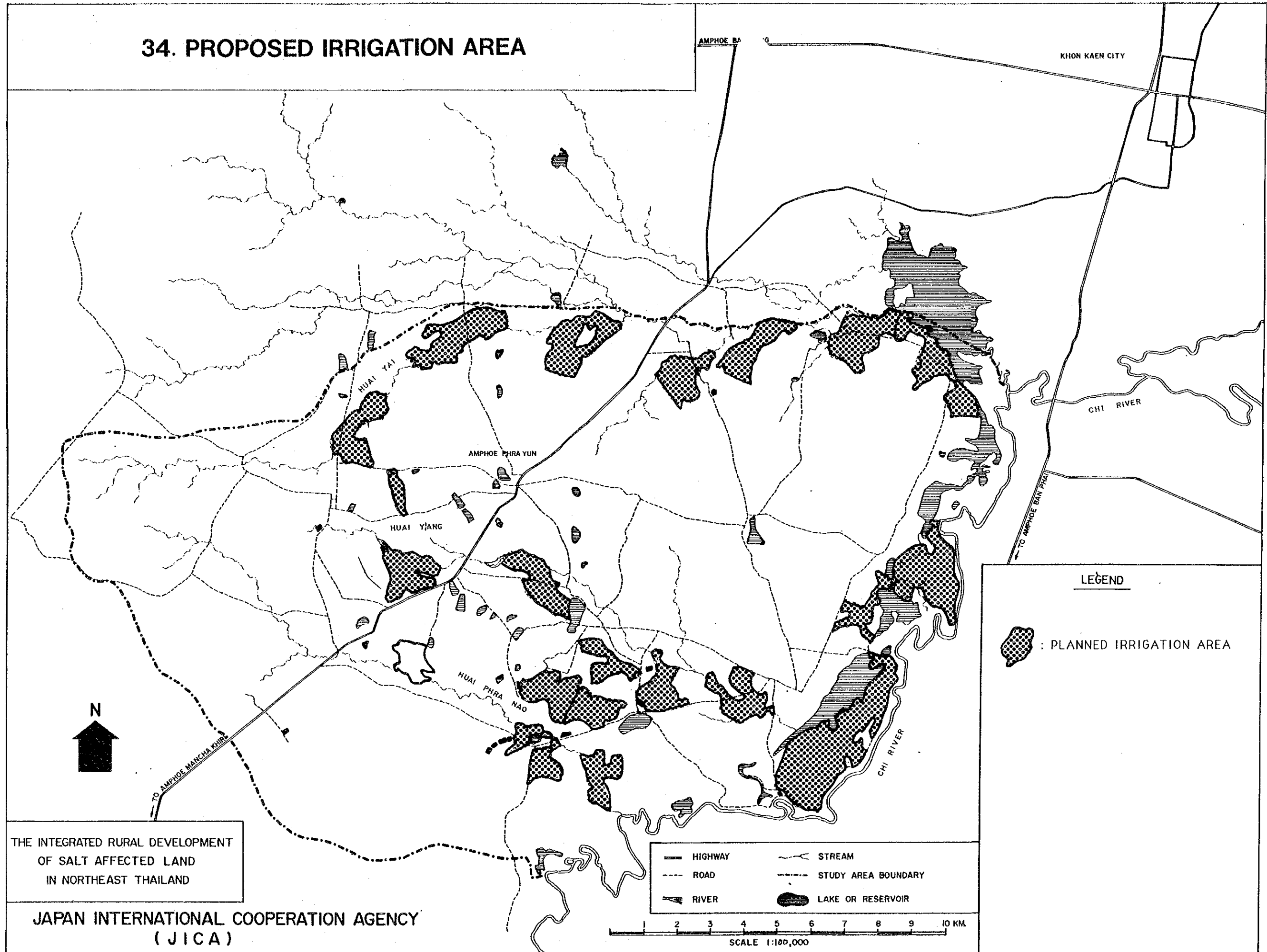
- HIGHWAY
- ROAD
- RIVER
- STREAM
- STUDY AREA BOUNDARY
- LAKE OR RESERVOIR



### 33. SOCIO-ECONOMIC INFRASTRUCTURE IN THE PILOT AREA



# 34. PROPOSED IRRIGATION AREA



THE INTEGRATED RURAL DEVELOPMENT  
OF SALT AFFECTED LAND  
IN NORTHEAST THAILAND

JAPAN INTERNATIONAL COOPERATION AGENCY  
(JICA)

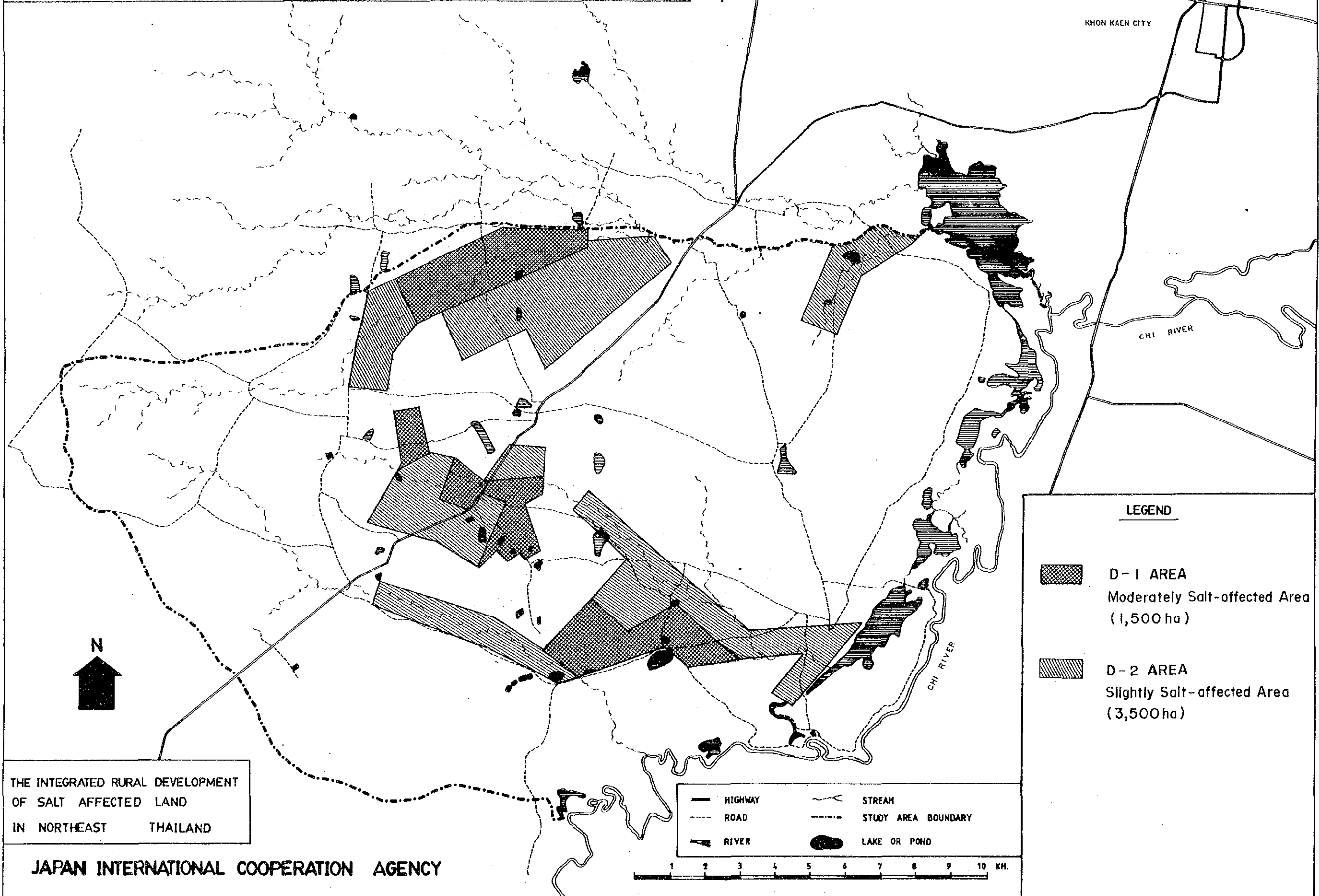
LEGEND

- HIGHWAY
- - - ROAD
- RIVER
- STREAM
- - - STUDY AREA BOUNDARY
- LAKE OR RESERVOIR

SCALE 1:100,000

1 2 3 4 5 6 7 8 9 10 KM

# 35. PROPOSED DRAINAGE AREA











KHON KAEN CITY

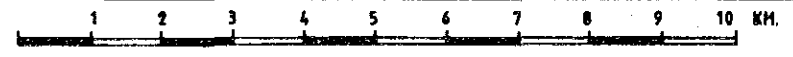
CHI RIVER

CHI RIVER

### LEGEND

-  D-1 AREA  
Moderately Salt-affected Area  
(1,500 ha)
-  D-2 AREA  
Slightly Salt-affected Area  
(3,500 ha)

-  HIGHWAY
-  ROAD
-  RIVER
-  STREAM
-  STUDY AREA BOUNDARY
-  LAKE OR POND



THE INTEGRATED RURAL DEVELOPMENT  
OF SALT AFFECTED LAND  
IN NORTHEAST THAILAND

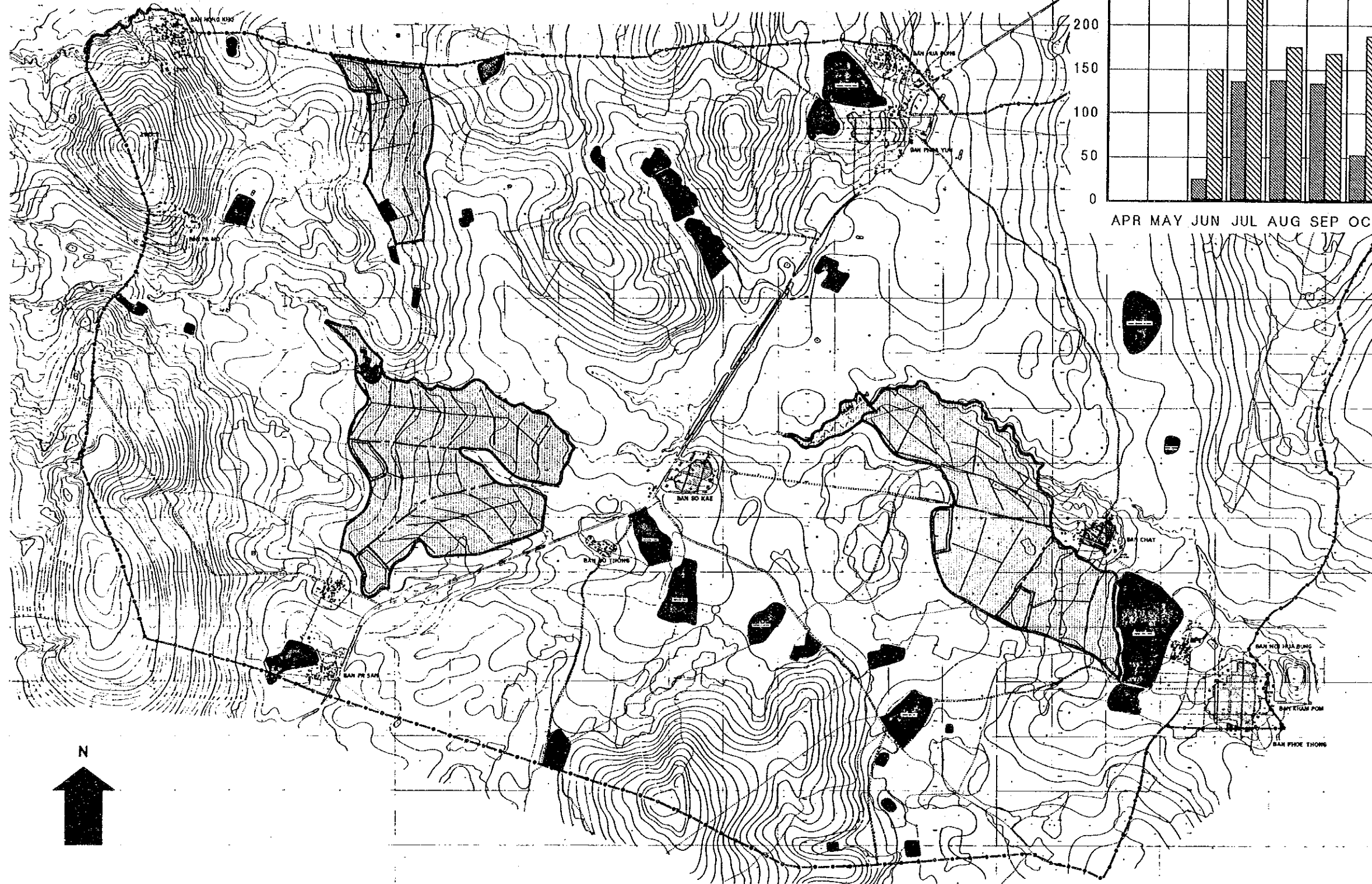
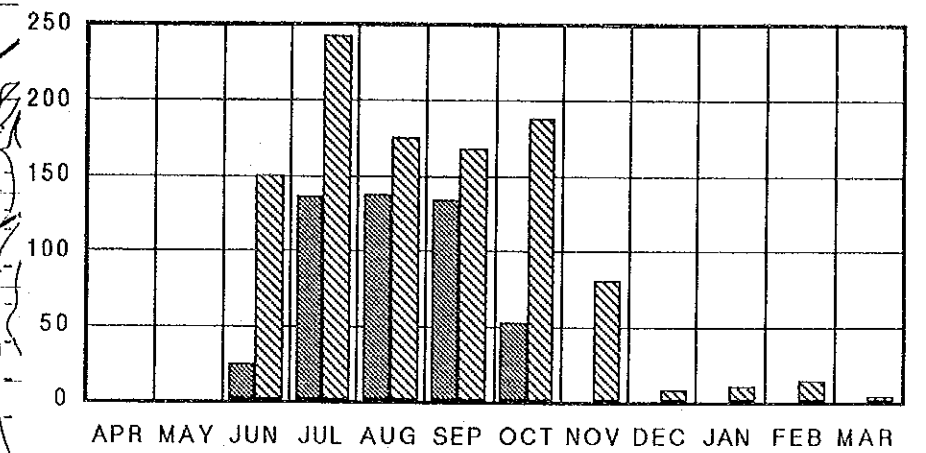
JAPAN INTERNATIONAL COOPERATION AGENCY







# 37. PROPOSED IRRIGATION AREA IN THE PILOT AREA

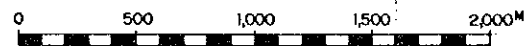
EFFECTIVE RAINFALL AND IRRIGATION REQUIREMENT



LEGEND

-  IRRIGATION REQUIREMENT
-  EFFECTIVE RAINFALL

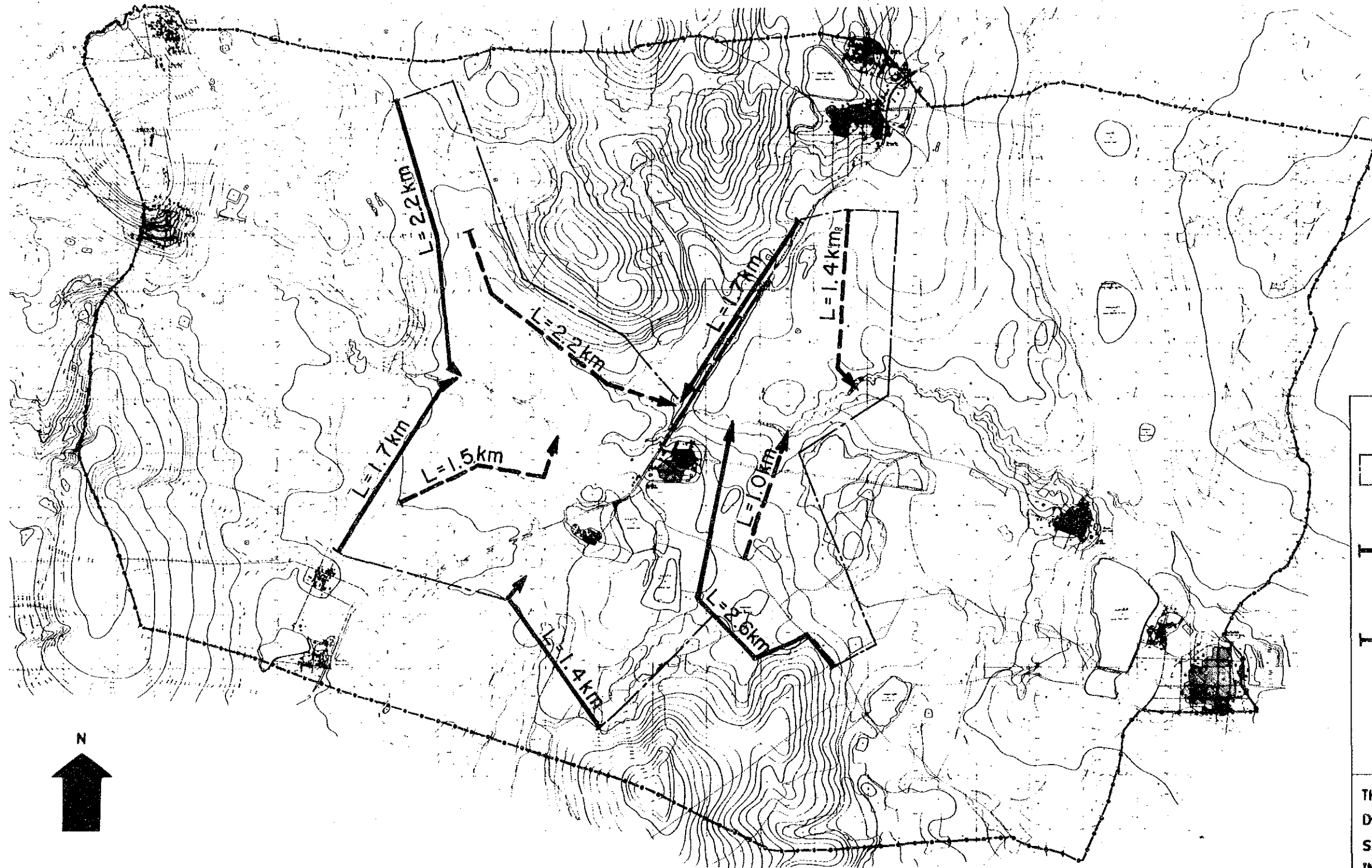
THE INTEGRATED RURAL DEVELOPMENT OF SALT-AFFECTED LAND IN NORTHEAST THAILAND



JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)



# 38. PROPOSED DRAINAGE CANAL IN THE PILOT AREA



**LEGEND**

- PROPOSED DRAINAGE AREA (820 ha)
- INTERCEPTOR DRAIN (Total Length: 9.6 km)
- FIELD DRAIN (Total Length: 6.1 km)

THE INTEGRATED RURAL DEVELOPMENT OF SALT-AFFECTED LAND IN NORTHEAST THAILAND

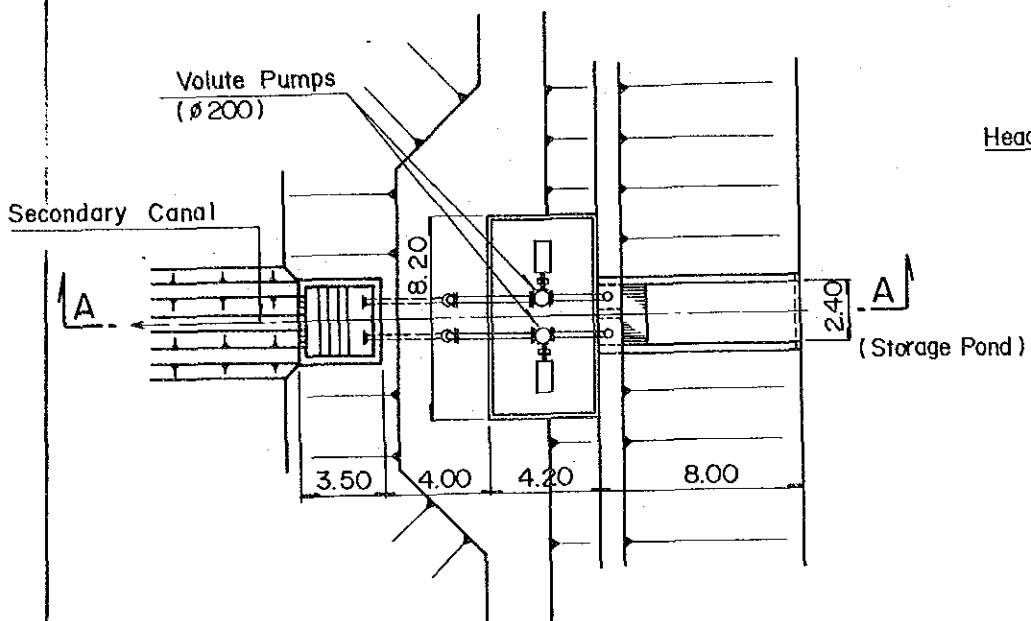
JAPAN INTERNATIONAL COOPERATION AGENCY ( J I C A )

# **DRAWINGS**

# **CONTENTS**

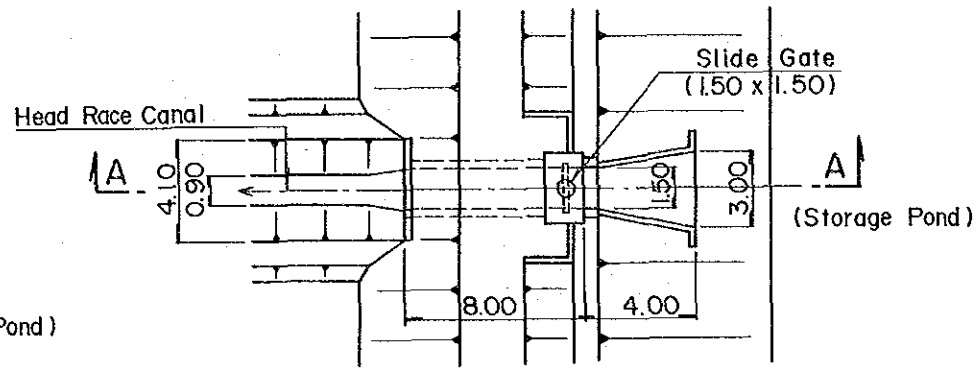
1. IRRIGATION FACILITIES
2. STANDARD IRRIGATION CANALS
3. DRAINAGE FACILITIES
4. RURAL ROAD AND BRIDGE
5. SOCIAL SERVICE FACILITIES

### Pumping Station



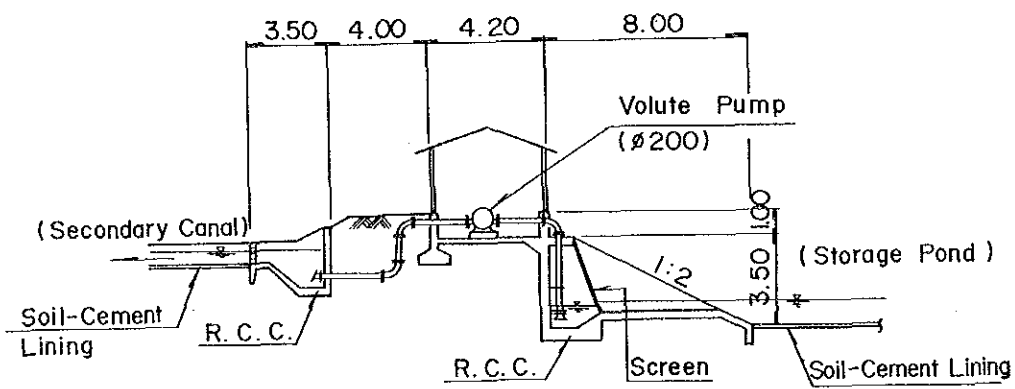
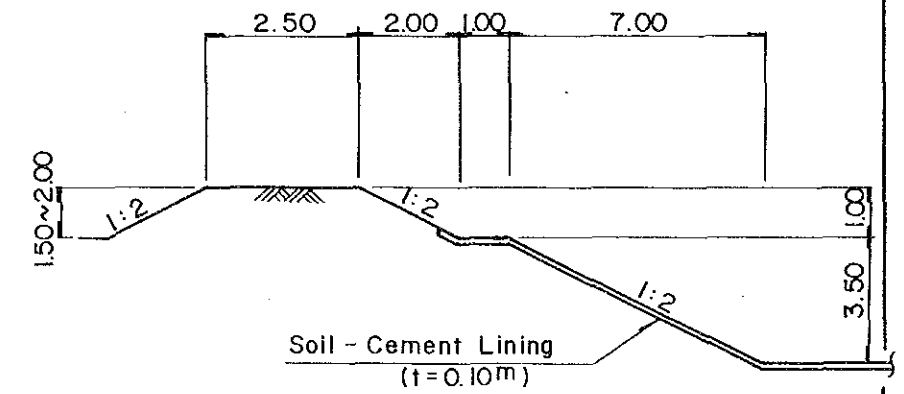
PLAN

### Intake Structure

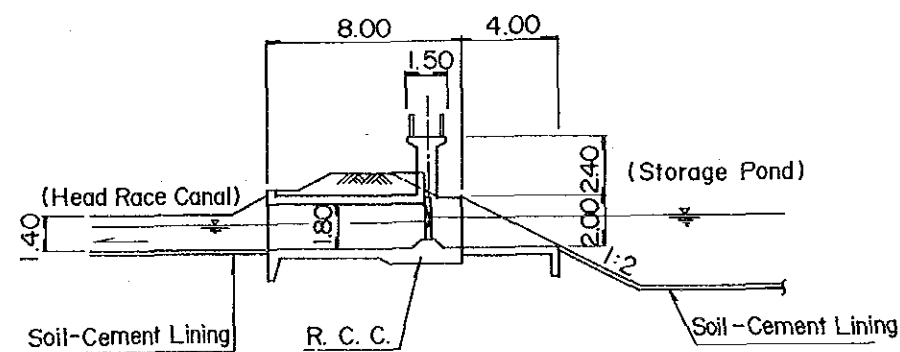


PLAN

### Pond Embankment



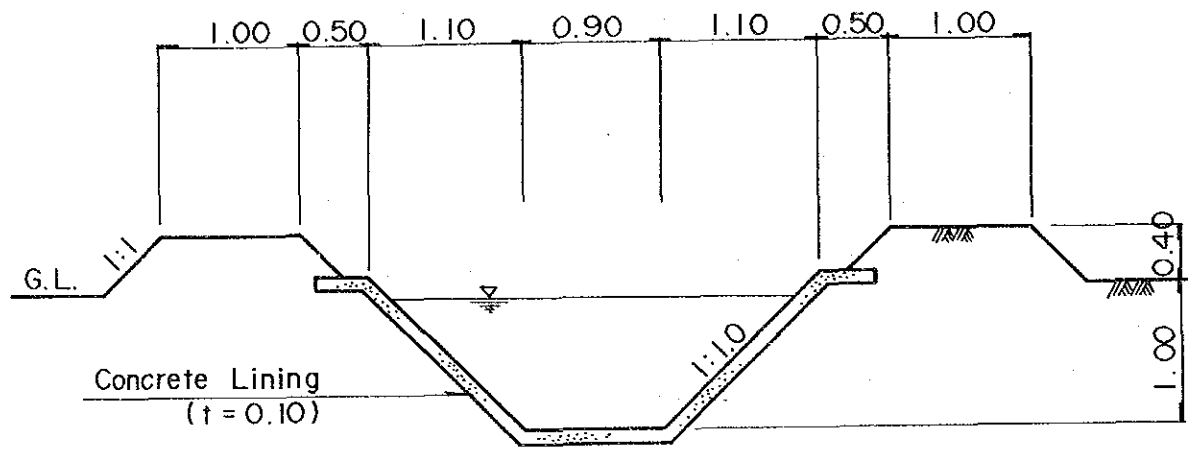
SECTION A-A



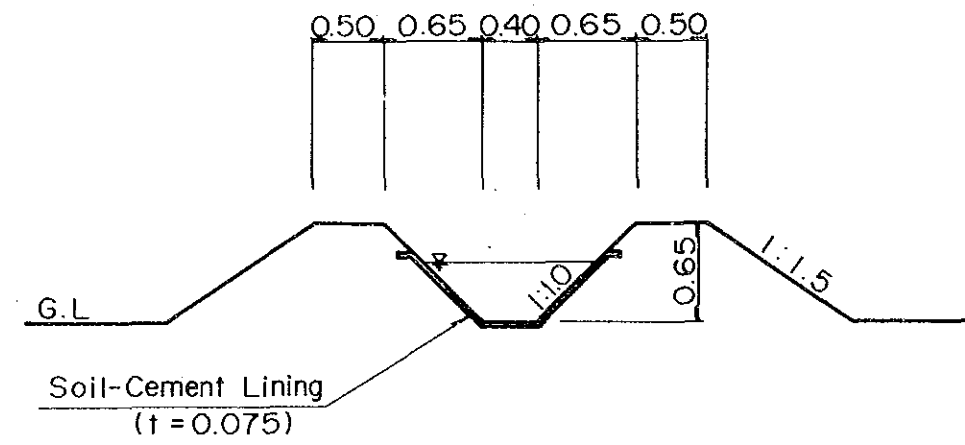
SECTION A-A

THE KINGDOM OF THAILAND MINISTRY OF AGRICULTURE AND COOPERATIVES DEPARTMENT OF LAND DEVELOPMENT
THE MASTER PLAN STUDY ON THE INTEGRATED RURAL DEVELOPMENT ON SALP-AFFECTED LAND IN NORTHEAST THAILAND
IRRIGATION FACILITIES
DWG. No. 1
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

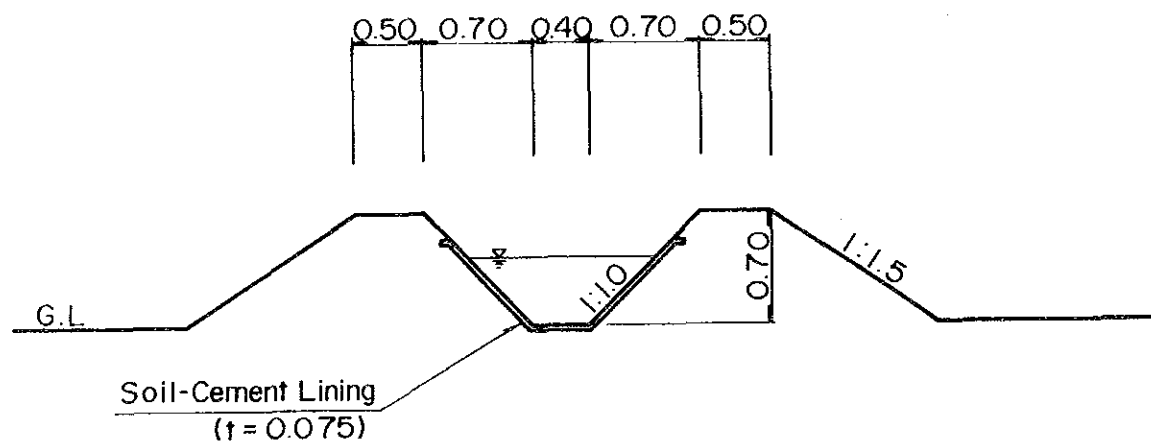
Head Race Canal



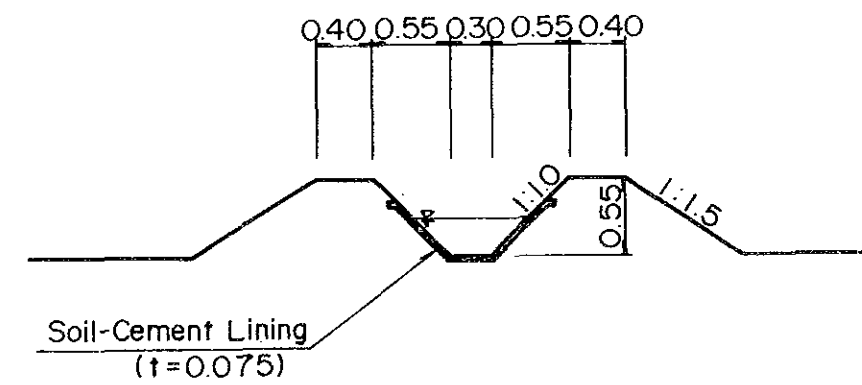
Secondary Canal - Type 2



Secondary Canal - Type 1

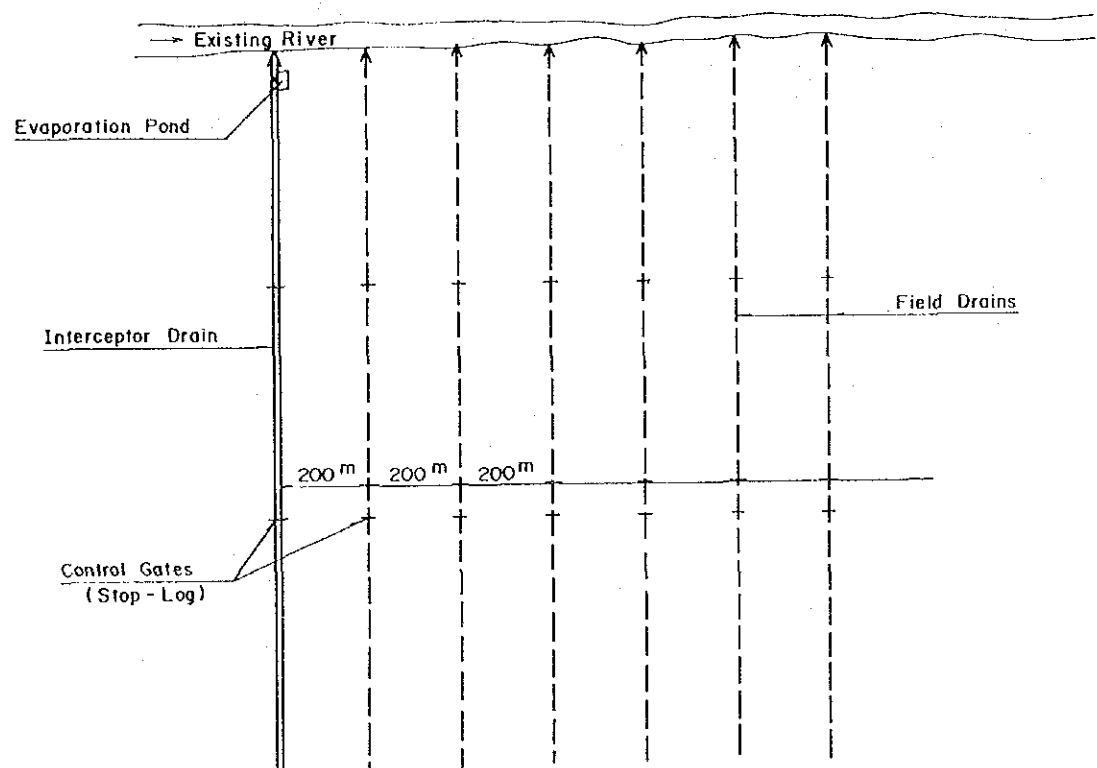


Tertiary Canal

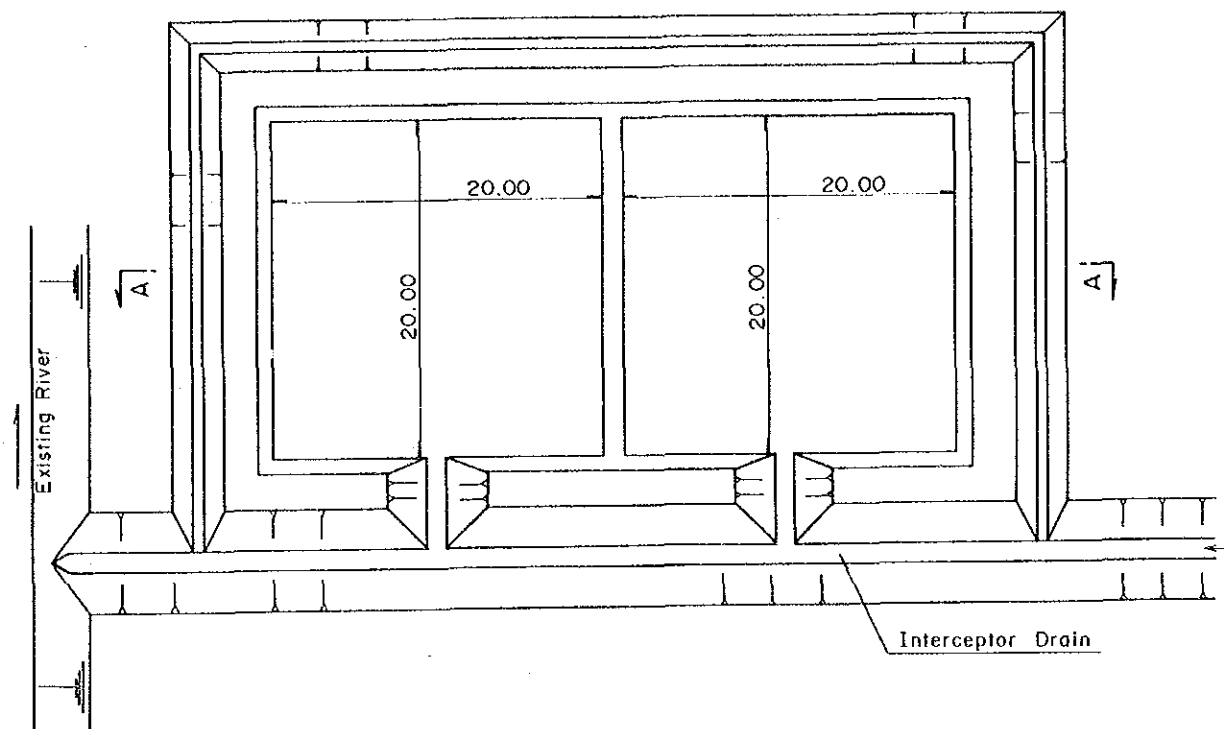


THE KINGDOM OF THAILAND MINISTRY OF AGRICULTURE AND COOPERATIVES DEPARTMENT OF LAND DEVELOPMENT
THE MASTER PLAN STUDY ON THE INTEGRATED RURAL DEVELOPMENT ON SALP - AFFECTED LAND IN NORTHEAST THAILAND
STANDARD IRRIGATION CANALS
DWG. No. 2
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

**DRAINAGE LAYOUT**

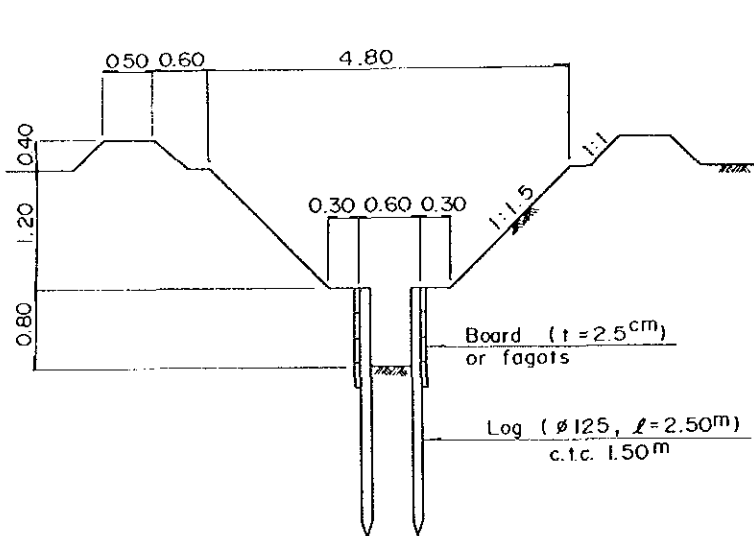


**Evaporation Pond**

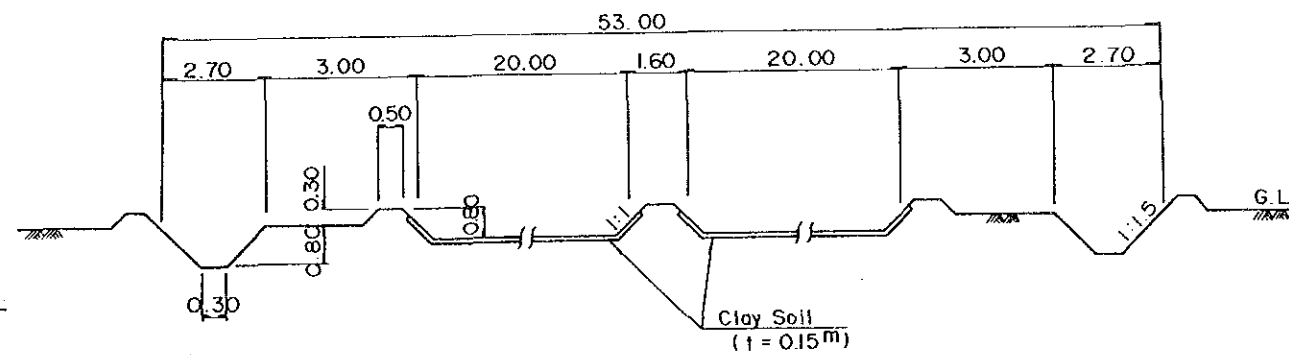
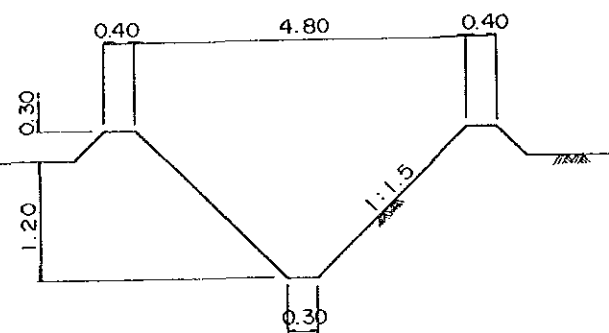


**PLAN**

**Interceptor Drain**

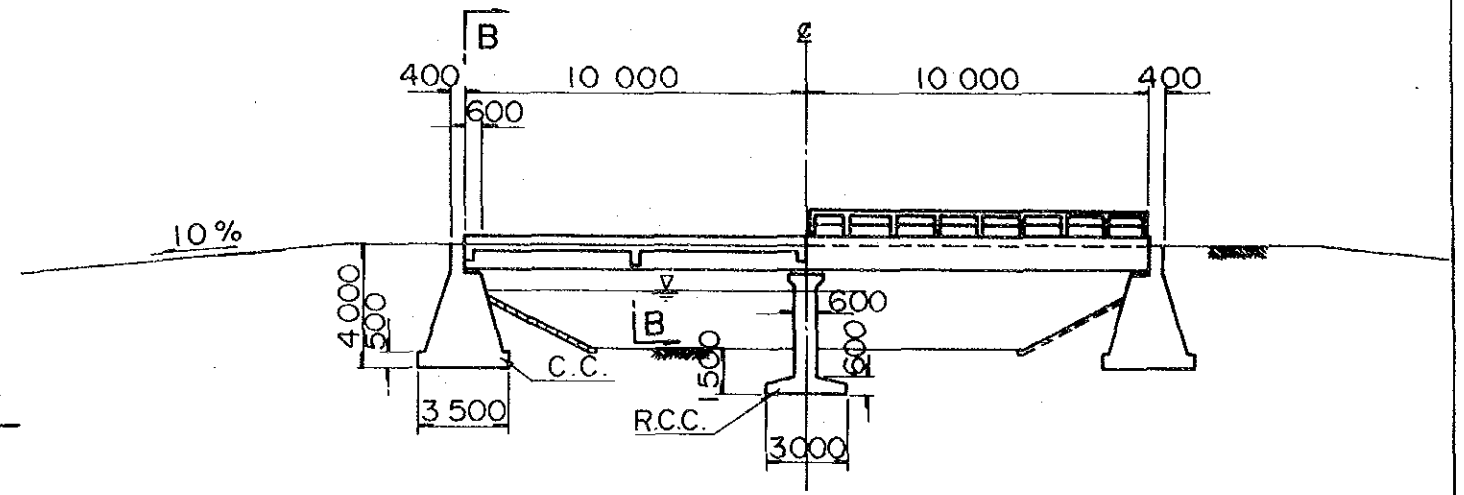
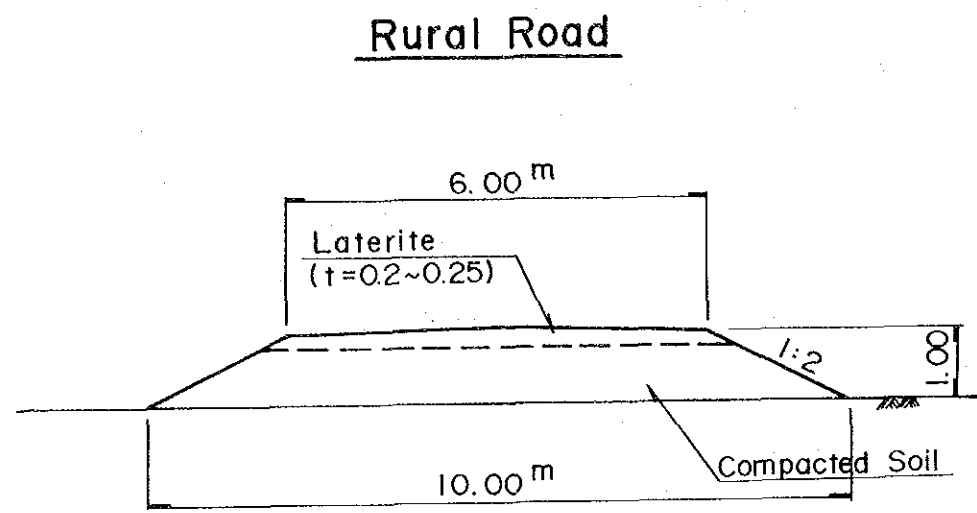


**Field Drain**

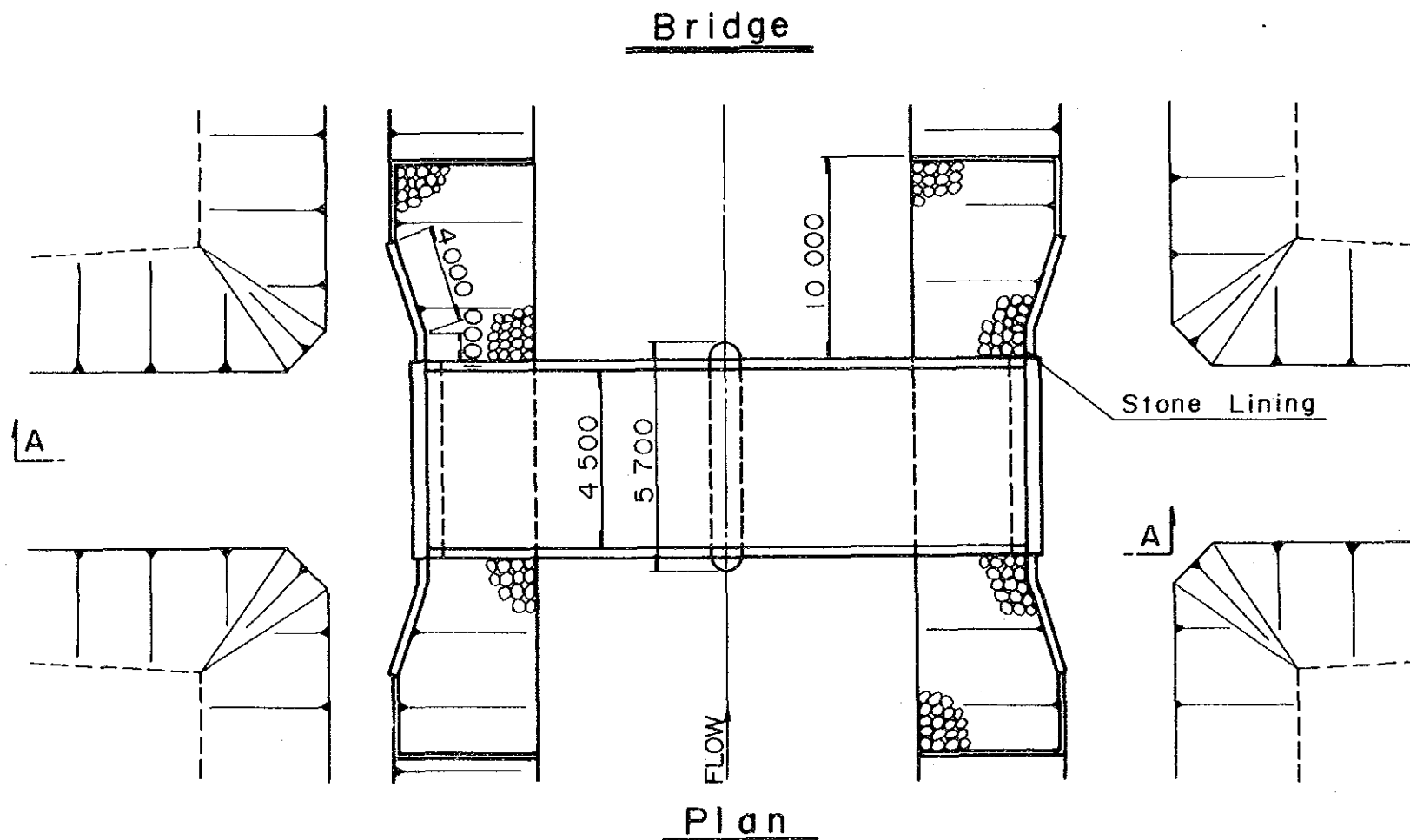


**SECTION A-A**

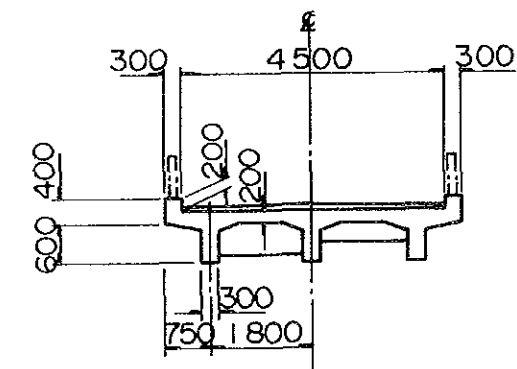
THE KINGDOM OF THAILAND MINISTRY OF AGRICULTURE AND COOPERATIVES DEPARTMENT OF LAND DEVELOPMENT
THE MASTER PLAN STUDY ON THE INTEGRATED RURAL DEVELOPMENT ON SELF-AFFECTED LAND IN NORTHEAST THAILAND
DRAINAGE FACILITIES
DWG. No. 3
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)



Section A - A



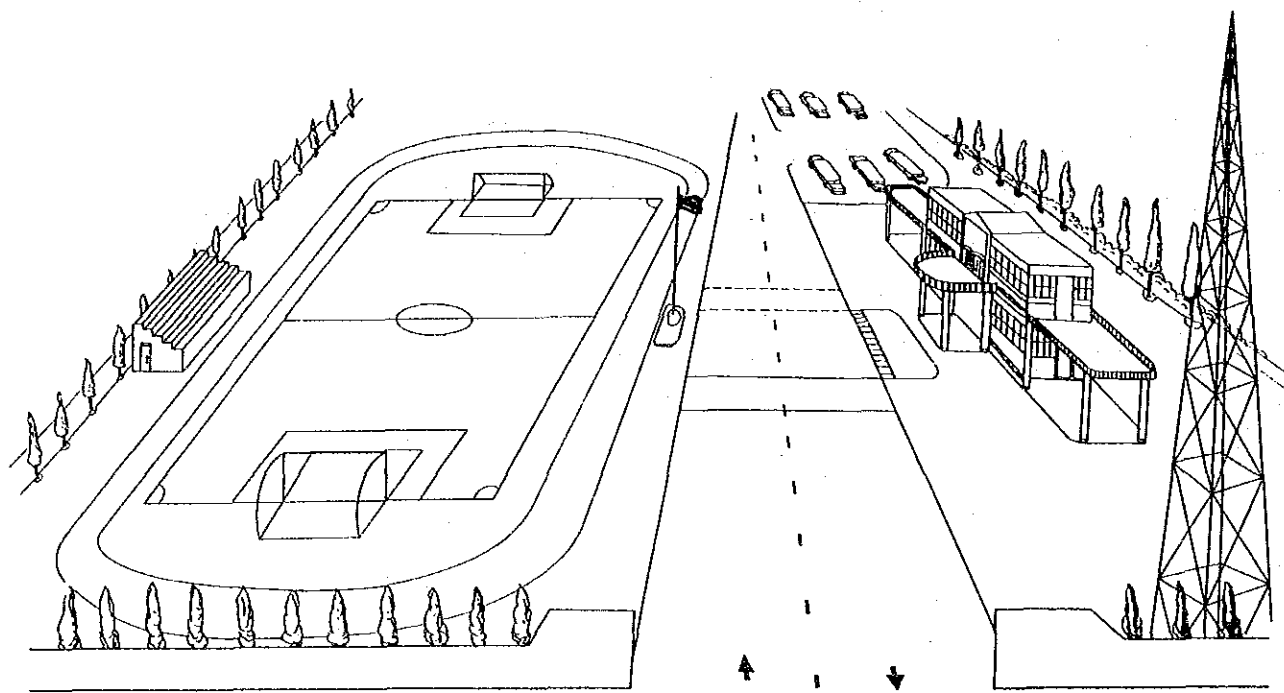
Plan



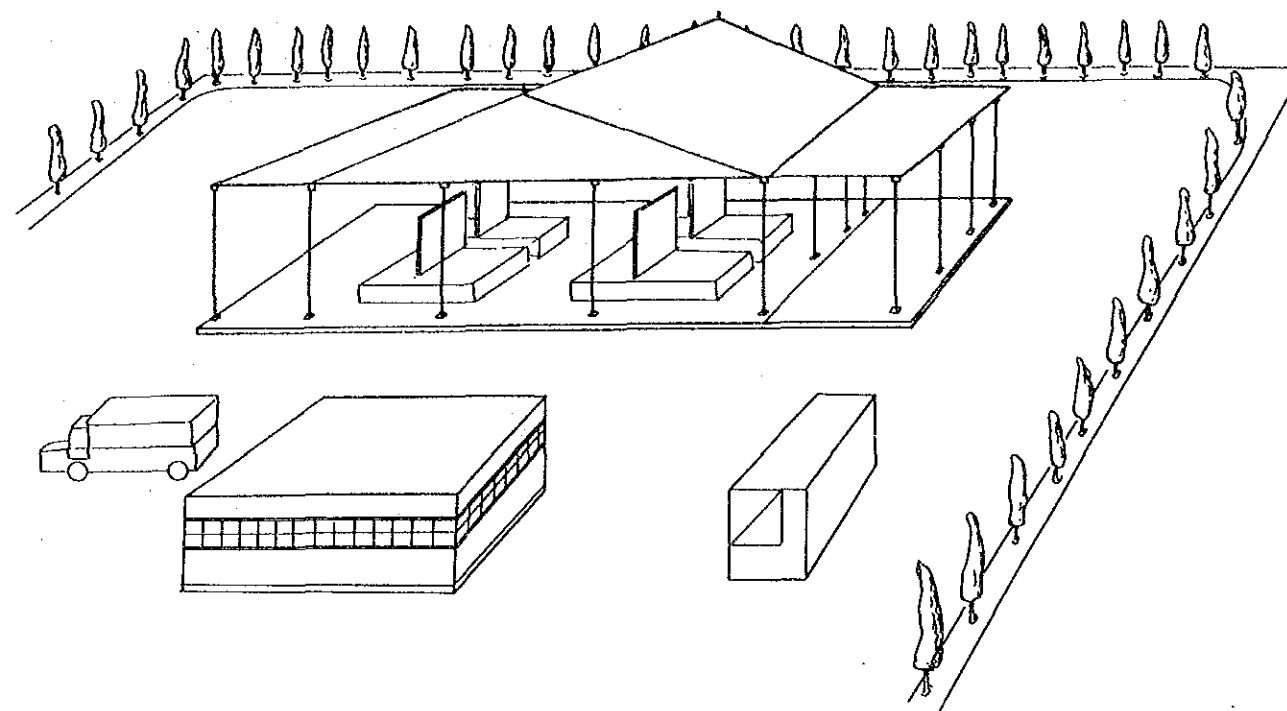
Section B - B

THE KINGDOM OF THAILAND MINISTRY OF AGRICULTURE AND COOPERATIVES DEPARTMENT OF LAND DEVELOPMENT
THE MASTER PLAN STUDY ON THE INTEGRATED RURAL DEVELOPMENT ON SALF-AFFECTED LAND IN NORTHEAST THAILAND
RURAL ROAD AND BRIDGE
DWG. No. 4
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

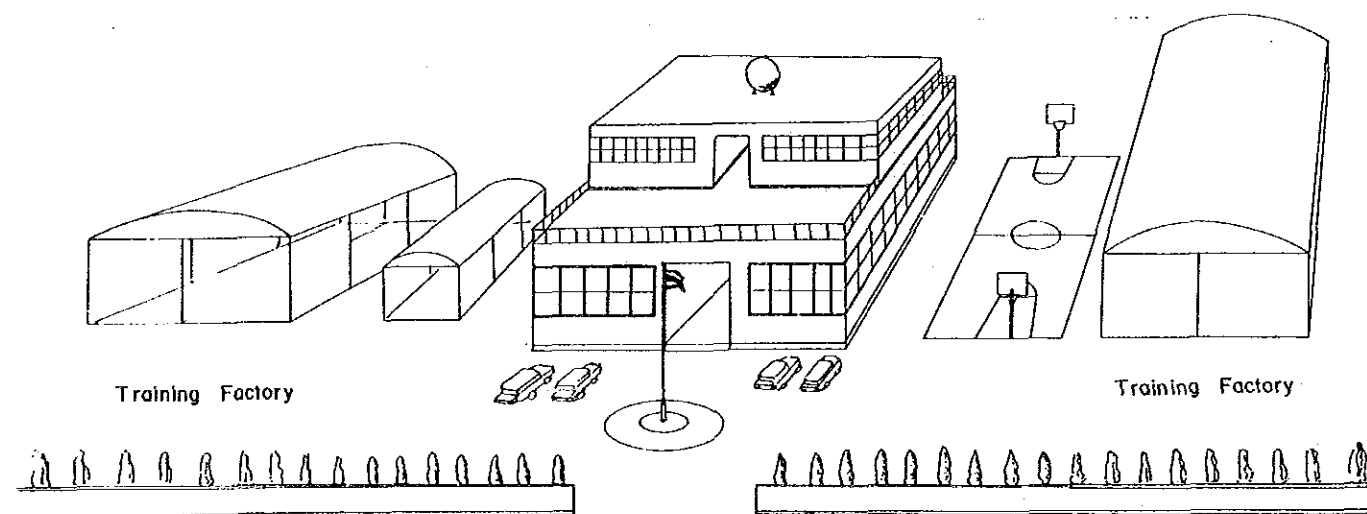




Recreation Facilities



Prayun Central Market



Technical Training Facilities

<p>THE KINGDOM OF THAILAND          MINISTRY OF AGRICULTURE AND COOPERATIVES          DEPARTMENT OF LAND DEVELOPMENT</p>
<p>THE MASTER PLAN STUDY          ON          THE INTEGRATED RURAL DEVELOPMENT          ON SALF-AFFECTED LAND IN NORTHEAST THAILAND</p>
<p>SOCIAL SERVICE FACILITIES</p>
<p>DWG. No. 5</p>
<p>JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)</p>

JICA