

THE KINGDOM OF THAILAND
MINISTRY OF AGRICULTURE AND COOPERATIVES
DEPARTMENT OF LAND DEVELOPMENT

THE STUDY ON
AGRICULTURAL LAND CONSERVATION
FOR
INTEGRATED RURAL DEVELOPMENT IN THE EAST

Vol. VII DRAWINGS

SEPTEMBER 1988

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

AFT
1988
88-48

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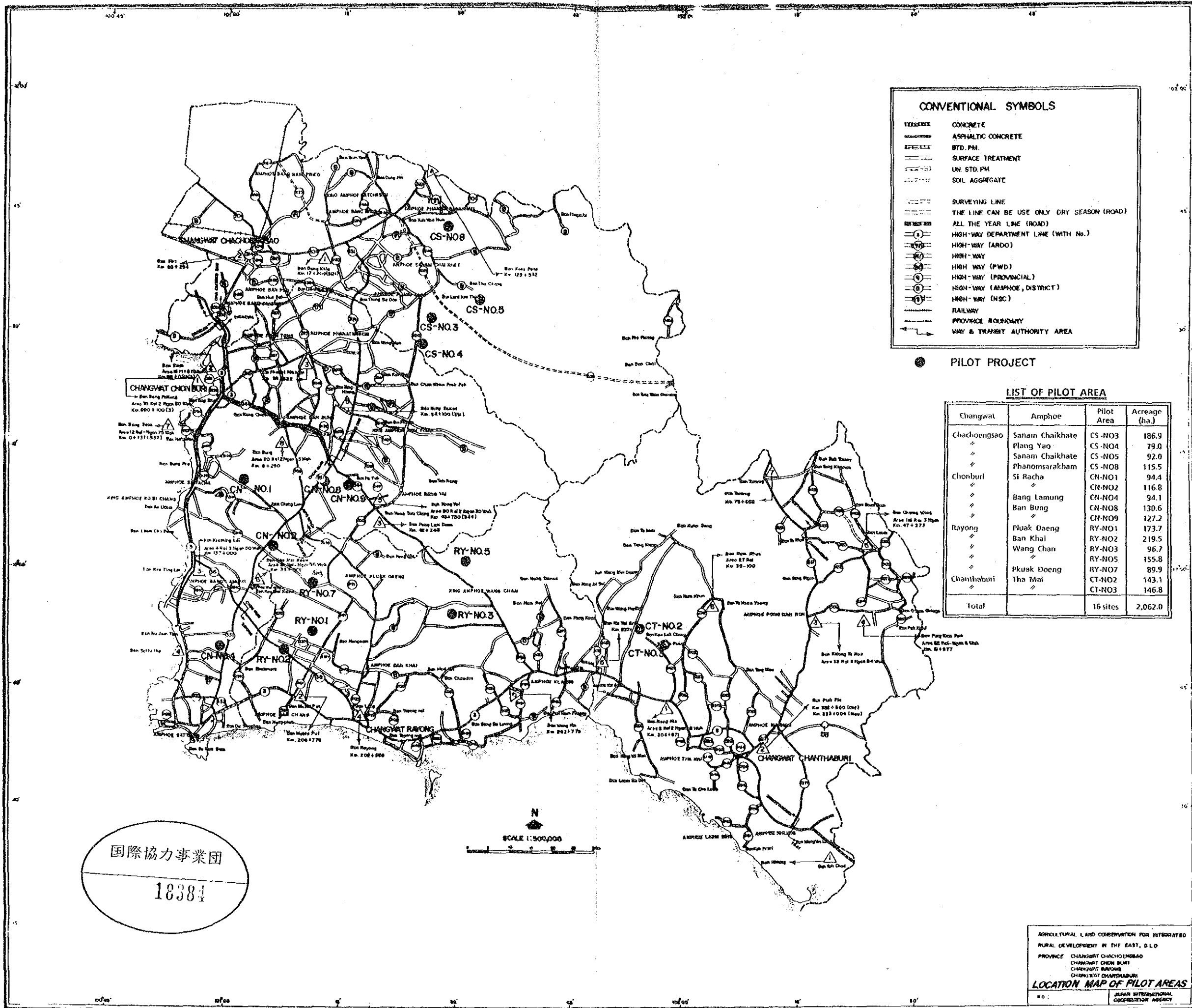
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Vol. VII DRAWINGS

SEPTEMBER 1988

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)



CONVENTIONAL SYMBOLS

=====	CONCRETE
-----	ASPHALTIC CONCRETE
-----	BTD. PM.
-----	SURFACE TREATMENT
-----	UN. STD. PM.
-----	SOIL AGGREGATE
-----	SURVEYING LINE
-----	THE LINE CAN BE USE ONLY DRY SEASON (ROAD)
-----	ALL THE YEAR LINE (ROAD)
-----	HIGH-WAY DEPARTMENT LINE (WITH NO.)
-----	HIGH-WAY (ARDO)
-----	HIGH-WAY
-----	HIGH-WAY (PWD)
-----	HIGH-WAY (PROVINCIAL)
-----	HIGH-WAY (AMPHOE, DISTRICT)
-----	HIGH-WAY (NSC)
-----	RAILWAY
-----	PROVINCE BOUNDARY
-----	WAY & TRANSIT AUTHORITY AREA

● PILOT PROJECT

LIST OF PILOT AREA

Changwat	Amphoe	Pilot Area	Acreage (ha.)
Chachoengsao	Sanam Chaikhate	CS-NO.3	186.9
		CS-NO.4	79.0
	Phanom Sakhom	CS-NO.5	92.0
		CS-NO.8	115.5
Chonburi	Si Racha	CN-NO.1	94.4
		CN-NO.2	116.8
	Bang Lamung	CN-NO.4	94.1
		CN-NO.8	130.6
Rayong	Pluak Daeng	RY-NO.1	173.7
		RY-NO.2	219.5
	Wang Chan	RY-NO.3	96.7
		RY-NO.5	155.8
Chanthaburi	Pkuak Doeng	RY-NO.7	89.9
		CT-NO.2	143.1
	Tha Mai	CT-NO.3	146.8
Total		16 sites	2,062.0

国際協力事業団
18384

AGRICULTURAL LAND COOPERATION FOR INTEGRATED RURAL DEVELOPMENT IN THE EAST, D.L.O.
PROVINCE CHACHOENGSAO
CHANGWAT CHON BURI
CHANGWAT RAYONG
CHANGWAT CHANTHABURI
LOCATION MAP OF PILOT AREAS
NO. JAPAN INTERNATIONAL COOPERATION AGENCY

T I T L E

DWG.NO.

***** DRAWINGS OF FEASIBILITY STUDY *****

SOIL CLASSIFICATION & EROSION MAP OF CS-N03	1- 1
SOIL CLASSIFICATION & EROSION MAP OF CS-N04	1- 2
SOIL CLASSIFICATION & EROSION MAP OF CS-N05	1- 3
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T I T L E

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T I T L E

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DRAWINGS OF FEASIBILITY STUDY



ROAD
 STREAM
 CONTOUR LINE
 SPOT HEIGHT
 CONTROL POINT
 PROJECT BOUNDARY

CONVENTIONAL SYMBOLS
 VILLAGE
 LOOSE OR LIGHT SURFACE (ONE LINE WIDE)
 TRAILS AND FOOTPATHS
 STREAM AND CREEK
 DEPRESSION
 POLE
 SPOT HEIGHT
 CONTROL POINT
 PROJECT BOUNDARY

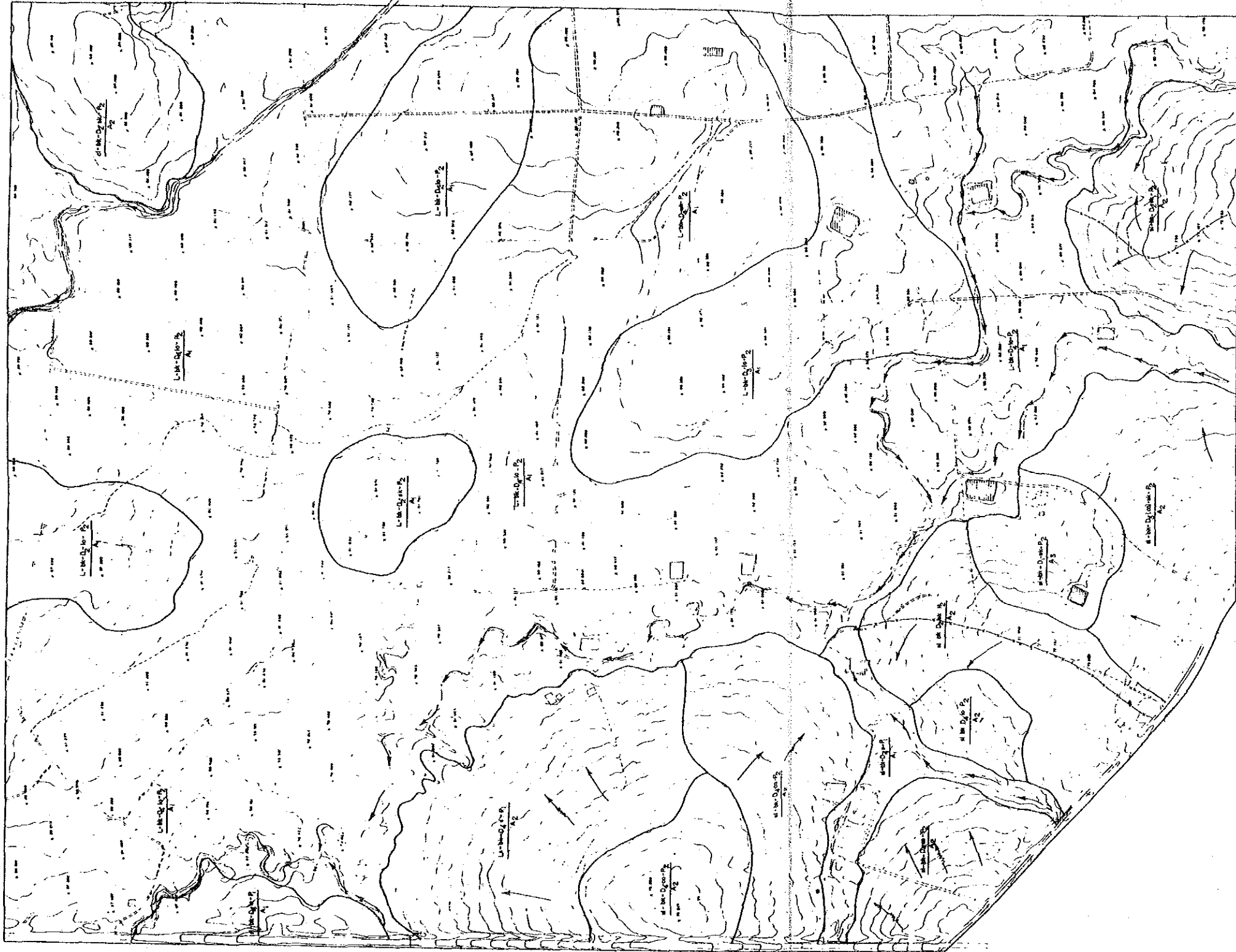
LEGEND

I Identification of Mapping Unit
 Surface texture - Surface structure - Soil Depth - Texture - Permeability - Porosity - Stability of slope
 II Explanation of Symbols in Map
 (1) Surface texture
 a. 1. Sand
 b. 1. Silty sand
 c. 1. Clay
 d. 1. Silty clay
 (2) Surface structure
 a. 1. massive
 b. 1. platy
 c. 1. columnar
 d. 1. blocky
 (3) Soil Depth
 D₁ 1. Shallow (0-20 cm)
 D₂ 1. Medium (20-30 cm)
 D₃ 1. Deep (30-100 cm)
 D₄ 1. Very deep (100 cm +)
 (4) Permeability
 P₁ 1. Very low
 P₂ 1. Low
 P₃ 1. Moderate
 P₄ 1. High
 P₅ 1. Very high
 (5) Porosity
 A₁ 1. 0-5%
 A₂ 1. 5-10%
 A₃ 1. 10-15%
 A₄ 1. 15-20%
 A₅ 1. 20-30%
 A₆ 1. 30-40%
 A₇ 1. 40-50%
 A₈ 1. 50-60%
 A₉ 1. 60-70%
 A₁₀ 1. 70-80%
 A₁₁ 1. 80-90%
 A₁₂ 1. 90-100%

SPANNO METERS
 DATO UTM
 PROJEKSI TRANSVERSE MERCATOR
 VERTIKAL DATUM MAM SEA LEVEL AT 40 LAK
 HORIZONTAL DATUM ROMA DATUM
 CONTROL PT



AGRICULTURAL LAND CONSERVATION FOR INTEGRATED
 RURAL DEVELOPMENT IN THE EAST, OLD
 BAN KHUO KHUUNG BAN LAM CHON BAN HANG NAM TEN
 BAN KHUO SA TON TAMBOO LAD KRA THING TAMBOO -
 SA NAM CHAI KHAT TAMBOO, NONG MAI KHAN AMPHOE -
 PHANG YAO CHACHENSARO PROVINCE • CS-3
SOIL CLASSIFICATION & EROSION
 NO : 1-1
 JAPAN INTERNATIONAL
 COOPERATION AGENCY



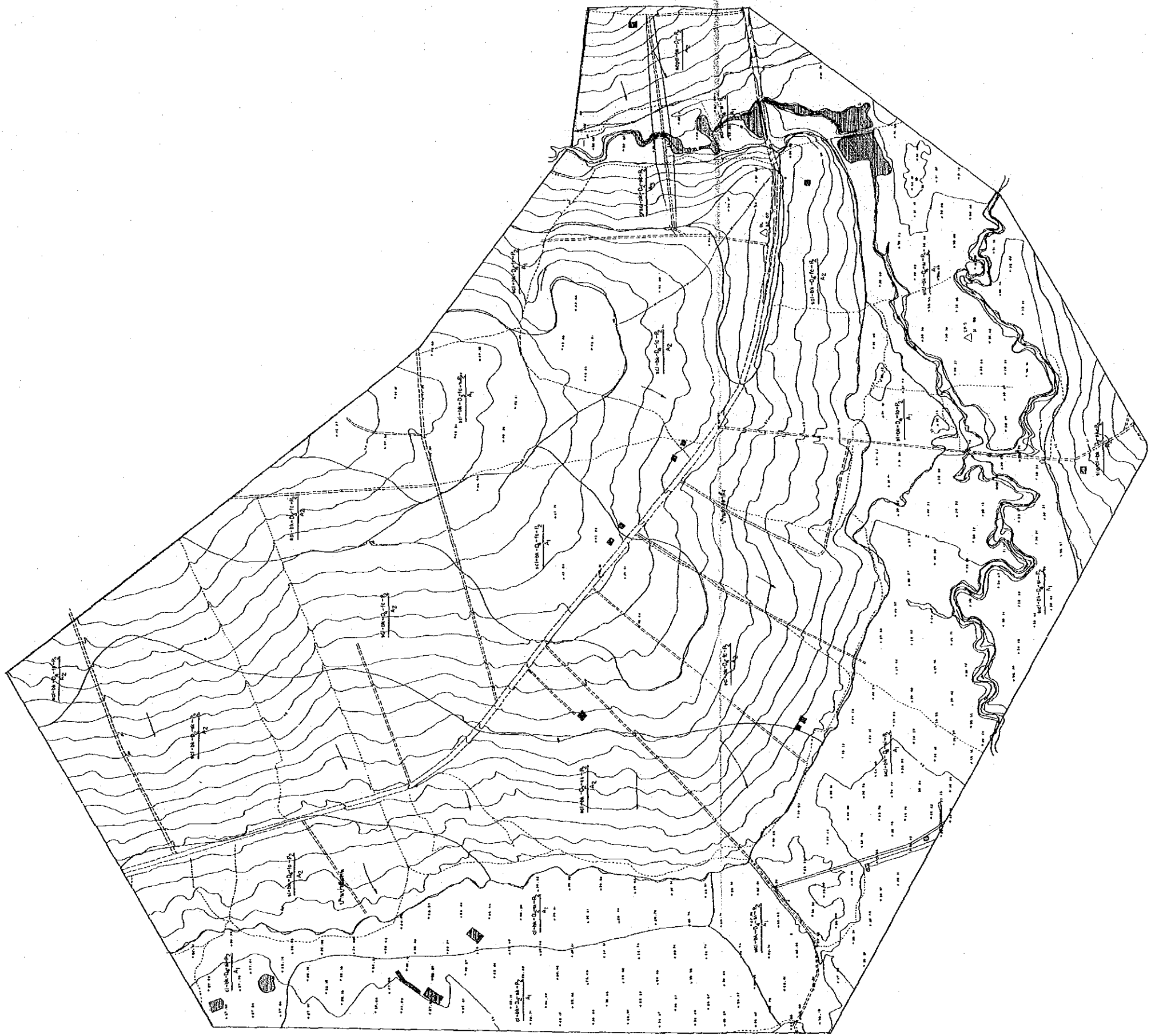
- Legend**
- Village
 - Road
 - Canal
 - Stream
 - Depression
 - Ridge
 - Contour
 - Spot Height
 - Project Boundary
 - Sheet Boundary
 - Hill/Depression
 - Valley/Depression
 - Slope/Depression
 - Direction of Surface Flow

- Legend**
- 1:1000
 - 1:2000
 - 1:5000
 - 1:10000
 - 1:20000
 - 1:50000
 - 1:100000
 - 1:200000
 - 1:500000
 - 1:1000000

- Legend**
- Soil Type 1
 - Soil Type 2
 - Soil Type 3
 - Soil Type 4
 - Soil Type 5
 - Soil Type 6
 - Soil Type 7
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 - Soil Type 96
 - Soil Type 97
 - Soil Type 98
 - Soil Type 99
 - Soil Type 100

AGRICULTURAL LAND CONSERVATION FOR INTEGRATED
 RURAL DEVELOPMENT IN THE EAST DLD
 TAMBOL NONG MAI KASEO AMPHOE PHRANG YAO
 CHACHOENGSAO PROVINCE CS-4
 SOIL CLASSIFICATION & EROSION

NO 1-2
 JAPAN INTERNATIONAL
 COOPERATION AGENCY

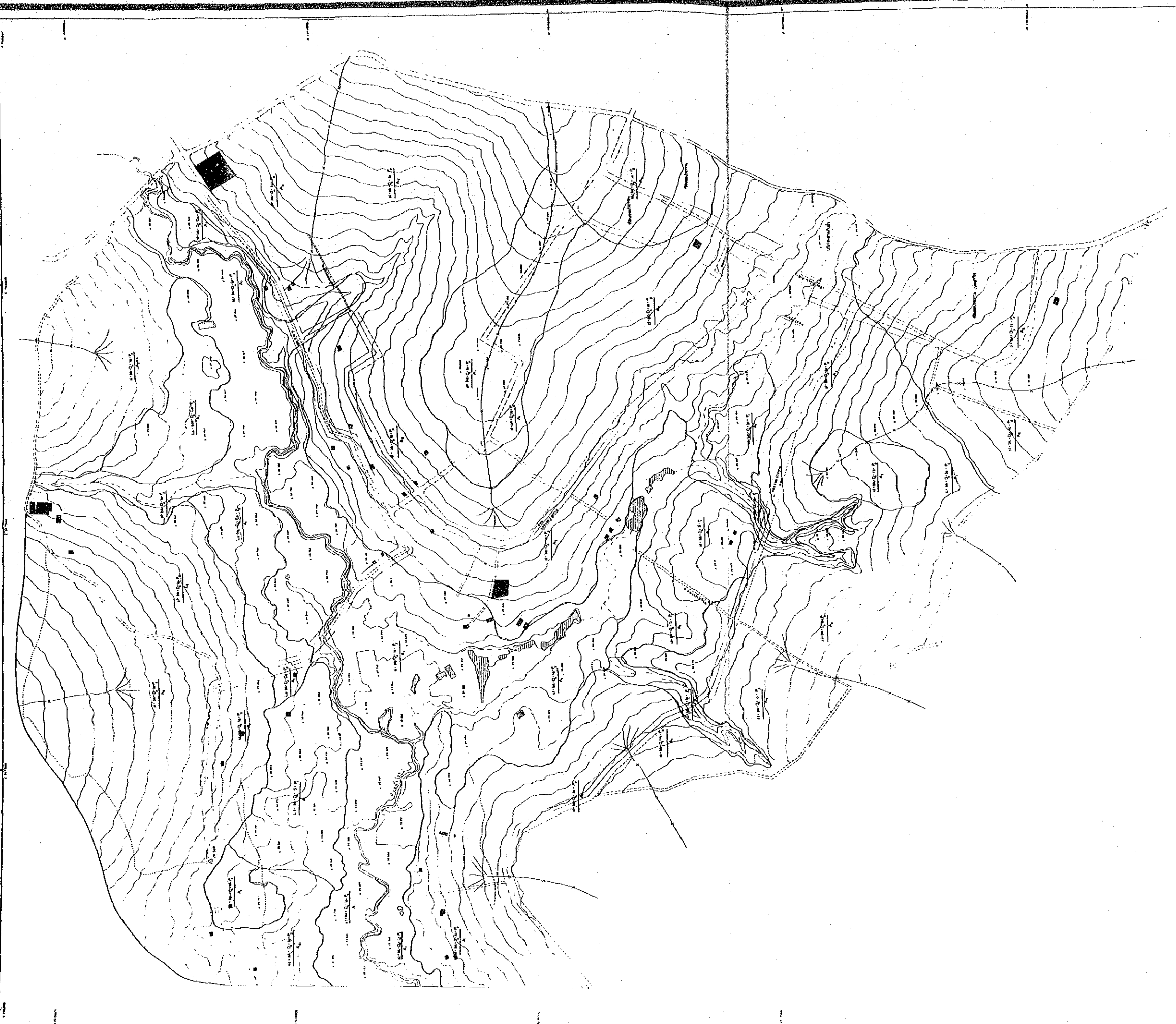


- CONVENTIONAL SYMBOLS**
- VILLAGE
 - LOOSE OR LIGHT SURFACE (LOW LAKE WATER)
 - TRACK AND FOOTPATH
 - STREAM AND CREEK
 - DEPRESSION
 - POLE
 - SPOT HEIGHT
 - CANTON
 - CONTROL POINT
 - PROJECT BOUNDARY
 - SHEET BOUNDARY
 - HILL TOP
 - GULLEY EROSION
 - SLOPE EROSION
 - DIRECTION OF SURFACE FLOW
 - SOIL BOUNDARY

- LEGEND**
- 1. Soil: S, S₁, S₂, S₃, S₄, S₅, S₆, S₇, S₈, S₉, S₁₀, S₁₁, S₁₂, S₁₃, S₁₄, S₁₅, S₁₆, S₁₇, S₁₈, S₁₉, S₂₀, S₂₁, S₂₂, S₂₃, S₂₄, S₂₅, S₂₆, S₂₇, S₂₈, S₂₉, S₃₀, S₃₁, S₃₂, S₃₃, S₃₄, S₃₅, S₃₆, S₃₇, S₃₈, S₃₉, S₄₀, S₄₁, S₄₂, S₄₃, S₄₄, S₄₅, S₄₆, S₄₇, S₄₈, S₄₉, S₅₀, S₅₁, S₅₂, S₅₃, S₅₄, S₅₅, S₅₆, S₅₇, S₅₈, S₅₉, S₆₀, S₆₁, S₆₂, S₆₃, S₆₄, S₆₅, S₆₆, S₆₇, S₆₈, S₆₉, S₇₀, S₇₁, S₇₂, S₇₃, S₇₄, S₇₅, S₇₆, S₇₇, S₇₈, S₇₉, S₈₀, S₈₁, S₈₂, S₈₃, S₈₄, S₈₅, S₈₆, S₈₇, S₈₈, S₈₉, S₉₀, S₉₁, S₉₂, S₉₃, S₉₄, S₉₅, S₉₆, S₉₇, S₉₈, S₉₉, S₁₀₀
 - 2. Soil texture: S, S₁, S₂, S₃, S₄, S₅, S₆, S₇, S₈, S₉, S₁₀, S₁₁, S₁₂, S₁₃, S₁₄, S₁₅, S₁₆, S₁₇, S₁₈, S₁₉, S₂₀, S₂₁, S₂₂, S₂₃, S₂₄, S₂₅, S₂₆, S₂₇, S₂₈, S₂₉, S₃₀, S₃₁, S₃₂, S₃₃, S₃₄, S₃₅, S₃₆, S₃₇, S₃₈, S₃₉, S₄₀, S₄₁, S₄₂, S₄₃, S₄₄, S₄₅, S₄₆, S₄₇, S₄₈, S₄₉, S₅₀, S₅₁, S₅₂, S₅₃, S₅₄, S₅₅, S₅₆, S₅₇, S₅₈, S₅₉, S₆₀, S₆₁, S₆₂, S₆₃, S₆₄, S₆₅, S₆₆, S₆₇, S₆₈, S₆₉, S₇₀, S₇₁, S₇₂, S₇₃, S₇₄, S₇₅, S₇₆, S₇₇, S₇₈, S₇₉, S₈₀, S₈₁, S₈₂, S₈₃, S₈₄, S₈₅, S₈₆, S₈₇, S₈₈, S₈₉, S₉₀, S₉₁, S₉₂, S₉₃, S₉₄, S₉₅, S₉₆, S₉₇, S₉₈, S₉₉, S₁₀₀
 - 3. Soil depth: S, S₁, S₂, S₃, S₄, S₅, S₆, S₇, S₈, S₉, S₁₀, S₁₁, S₁₂, S₁₃, S₁₄, S₁₅, S₁₆, S₁₇, S₁₈, S₁₉, S₂₀, S₂₁, S₂₂, S₂₃, S₂₄, S₂₅, S₂₆, S₂₇, S₂₈, S₂₉, S₃₀, S₃₁, S₃₂, S₃₃, S₃₄, S₃₅, S₃₆, S₃₇, S₃₈, S₃₉, S₄₀, S₄₁, S₄₂, S₄₃, S₄₄, S₄₅, S₄₆, S₄₇, S₄₈, S₄₉, S₅₀, S₅₁, S₅₂, S₅₃, S₅₄, S₅₅, S₅₆, S₅₇, S₅₈, S₅₉, S₆₀, S₆₁, S₆₂, S₆₃, S₆₄, S₆₅, S₆₆, S₆₇, S₆₈, S₆₉, S₇₀, S₇₁, S₇₂, S₇₃, S₇₄, S₇₅, S₇₆, S₇₇, S₇₈, S₇₉, S₈₀, S₈₁, S₈₂, S₈₃, S₈₄, S₈₅, S₈₆, S₈₇, S₈₈, S₈₉, S₉₀, S₉₁, S₉₂, S₉₃, S₉₄, S₉₅, S₉₆, S₉₇, S₉₈, S₉₉, S₁₀₀
 - 4. Soil permeability: S, S₁, S₂, S₃, S₄, S₅, S₆, S₇, S₈, S₉, S₁₀, S₁₁, S₁₂, S₁₃, S₁₄, S₁₅, S₁₆, S₁₇, S₁₈, S₁₉, S₂₀, S₂₁, S₂₂, S₂₃, S₂₄, S₂₅, S₂₆, S₂₇, S₂₈, S₂₉, S₃₀, S₃₁, S₃₂, S₃₃, S₃₄, S₃₅, S₃₆, S₃₇, S₃₈, S₃₉, S₄₀, S₄₁, S₄₂, S₄₃, S₄₄, S₄₅, S₄₆, S₄₇, S₄₈, S₄₉, S₅₀, S₅₁, S₅₂, S₅₃, S₅₄, S₅₅, S₅₆, S₅₇, S₅₈, S₅₉, S₆₀, S₆₁, S₆₂, S₆₃, S₆₄, S₆₅, S₆₆, S₆₇, S₆₈, S₆₉, S₇₀, S₇₁, S₇₂, S₇₃, S₇₄, S₇₅, S₇₆, S₇₇, S₇₈, S₇₉, S₈₀, S₈₁, S₈₂, S₈₃, S₈₄, S₈₅, S₈₆, S₈₇, S₈₈, S₈₉, S₉₀, S₉₁, S₉₂, S₉₃, S₉₄, S₉₅, S₉₆, S₉₇, S₉₈, S₉₉, S₁₀₀
 - 5. Soil erosion: S, S₁, S₂, S₃, S₄, S₅, S₆, S₇, S₈, S₉, S₁₀, S₁₁, S₁₂, S₁₃, S₁₄, S₁₅, S₁₆, S₁₇, S₁₈, S₁₉, S₂₀, S₂₁, S₂₂, S₂₃, S₂₄, S₂₅, S₂₆, S₂₇, S₂₈, S₂₉, S₃₀, S₃₁, S₃₂, S₃₃, S₃₄, S₃₅, S₃₆, S₃₇, S₃₈, S₃₉, S₄₀, S₄₁, S₄₂, S₄₃, S₄₄, S₄₅, S₄₆, S₄₇, S₄₈, S₄₉, S₅₀, S₅₁, S₅₂, S₅₃, S₅₄, S₅₅, S₅₆, S₅₇, S₅₈, S₅₉, S₆₀, S₆₁, S₆₂, S₆₃, S₆₄, S₆₅, S₆₆, S₆₇, S₆₈, S₆₉, S₇₀, S₇₁, S₇₂, S₇₃, S₇₄, S₇₅, S₇₆, S₇₇, S₇₈, S₇₉, S₈₀, S₈₁, S₈₂, S₈₃, S₈₄, S₈₅, S₈₆, S₈₇, S₈₈, S₈₉, S₉₀, S₉₁, S₉₂, S₉₃, S₉₄, S₉₅, S₉₆, S₉₇, S₉₈, S₉₉, S₁₀₀

AGRICULTURAL LAND CONSERVATION FOR INTEGRATED RURAL DEVELOPMENT IN THE EAST, DLD
 BAN PA E TEN BAN ANS TA PHUNG THABOL KHUAY ME
 AMPHOE SANACHAI KHAT CHACHOENGSAO PROVINCE
SOIL CLASSIFICATION & EROSION
 CS-5
 NO. 1-3
 JAPAN INTERNATIONAL COOPERATION AGENCY





Legend

CONVENTIONAL SYMBOLS

VILLAGE

ROAD SURFACE (ONE LANE ROAD)

ROAD OF LIGHT SURFACE (ONE LANE ROAD)

TRACK AND FOOTPATH

STREAM AND CHECK

POND

BRIDGE CONCRETE

BRIDGE WOOD

CONTROL POINT

PROJECT BOUNDARY

ALONG RIVER

SOIL BOUNDARY

SOIL

1. Very hard
2. Hard
3. Medium hard
4. Medium
5. Soft
6. Very soft
7. Silty very soft
8. Silty clay
9. Silty clay loam
10. Silty loam
11. Clay
12. Clay loam
13. Clay
14. Silty clay
15. Silty clay loam
16. Silty loam
17. Clay loam
18. Clay
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46. Clay loam
47. Clay
48. Silty clay
49. Silty clay loam
50. Clay loam

LEGEND

1. Measurement of horizontal distance
2. Measurement of vertical distance
3. Contour interval
4. Spot height of the spot
5. Contour interval
6. Spot height of the spot
7. Contour interval
8. Spot height of the spot
9. Contour interval
10. Spot height of the spot
11. Contour interval
12. Spot height of the spot
13. Contour interval
14. Spot height of the spot
15. Contour interval
16. Spot height of the spot
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34. Spot height of the spot
35. Contour interval
36. Spot height of the spot
37. Contour interval
38. Spot height of the spot
39. Contour interval
40. Spot height of the spot
41. Contour interval
42. Spot height of the spot
43. Contour interval
44. Spot height of the spot
45. Contour interval
46. Spot height of the spot
47. Contour interval
48. Spot height of the spot
49. Contour interval
50. Spot height of the spot

AGRICULTURAL LAND CONSERVATION FOR INTEGRATED RURAL DEVELOPMENT IN THE EAST, DLD CHACHOENGSAO PROVINCE • CS-9

SOIL CLASSIFICATION & EROSION

NO. 1-4

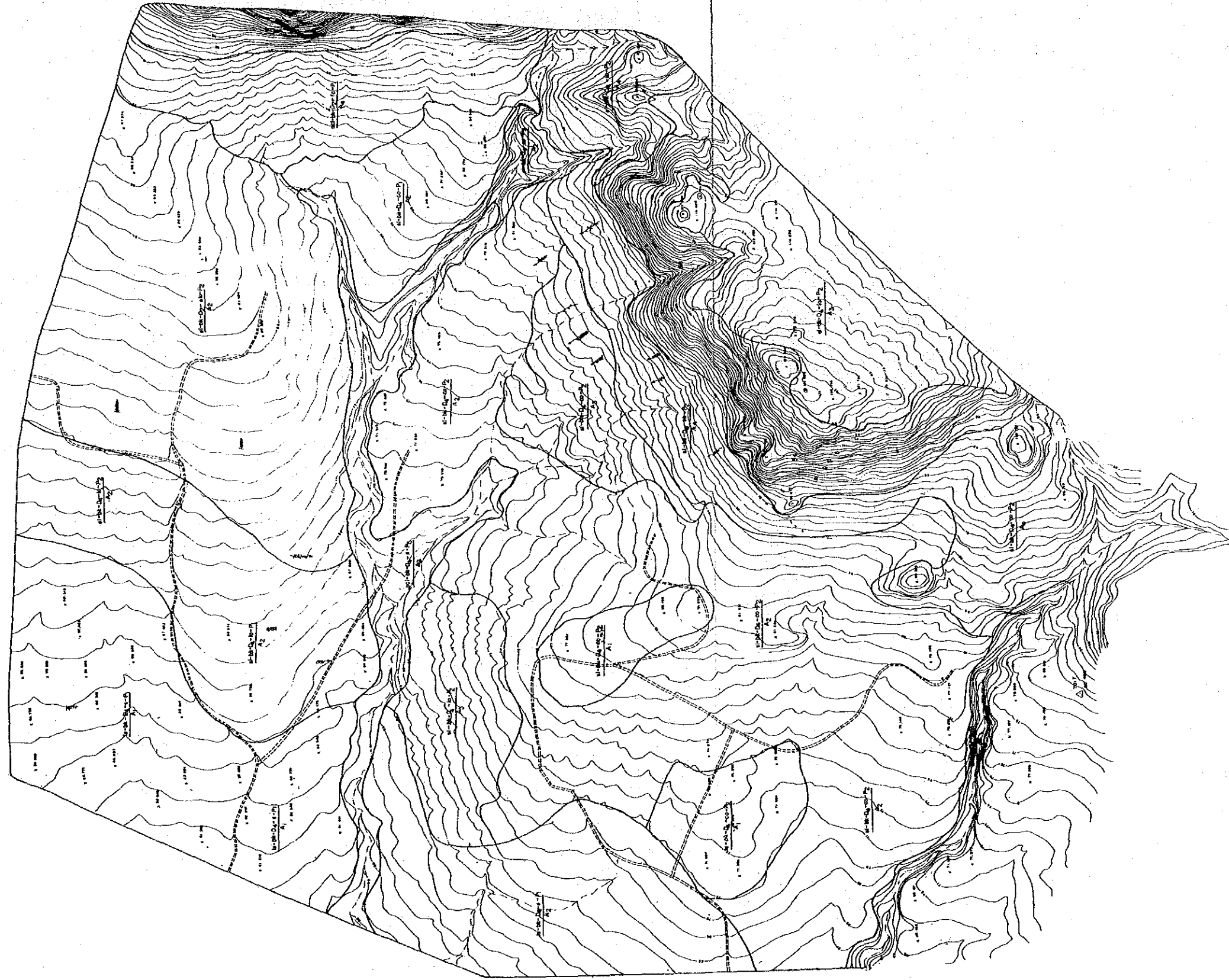
UNIVERSITY OF THAILAND



- CONVENTIONAL SYMBOLS**
- VILLAGE
 - ROAD (SINGLE OR DOUBLE LINE)
 - TRACK OR LIGHT SURFACE (ONE LINE WIDE)
 - STREAM AND CREEK
 - DEPRESSION
 - POND
 - ROAD CONCRETE
 - SPOT HEIGHT
 - CONTOUR POINT
 - PROJECT BOUNDARY
 - HILL CROWN
 - SHADING (HACHURE MARKS)
 - SHADING (CONTOUR LINES)
 - SHADING (SPOT HEIGHTS)
 - SHADING (OTHER)

- LEGEND**
1. Scale of the map: 1:50,000
2. Contour interval: 10 METERS
3. Projection: UTM
4. Vertical datum: MEAN SEA LEVEL AT HO LAH
5. Horizontal datum: MEAN SEA LEVEL AT HO LAH
6. Contour interval: 10 METERS
7. Date of map: 1968
8. Sheet list of the map
9. Survey notes
10. Soil texture
11. Soil color
12. Soil structure
13. Soil depth
14. Soil moisture
15. Soil permeability
16. Soil pH
17. Soil organic matter
18. Soil cation exchange capacity
19. Soil bulk density
20. Soil porosity
21. Soil water content
22. Soil water potential
23. Soil water infiltration
24. Soil water evaporation
25. Soil water retention
26. Soil water uptake
27. Soil water availability
28. Soil water deficit
29. Soil water stress
30. Soil waterlogging
31. Soil waterlogging index
32. Soil waterlogging hazard
33. Soil waterlogging risk
34. Soil waterlogging damage
35. Soil waterlogging control
36. Soil waterlogging mitigation
37. Soil waterlogging prevention
38. Soil waterlogging remediation
39. Soil waterlogging restoration
40. Soil waterlogging rehabilitation
41. Soil waterlogging reclamation
42. Soil waterlogging reconstruction
43. Soil waterlogging reconstruction
44. Soil waterlogging reconstruction
45. Soil waterlogging reconstruction
46. Soil waterlogging reconstruction
47. Soil waterlogging reconstruction
48. Soil waterlogging reconstruction
49. Soil waterlogging reconstruction
50. Soil waterlogging reconstruction

AGRICULTURAL LAND CONSERVATION FOR INTEGRATED RURAL DEVELOPMENT IN THE EAST, DLD
 BAN PAK RUM, TAMBOL BO WIN, ANFOKE SRRACHA
 CHONBURI PROVINCE • CH-2
SOIL CLASSIFICATION & EROSION
 NO: 1-6
 JAPAN INTERNATIONAL COOPERATION AGENCY



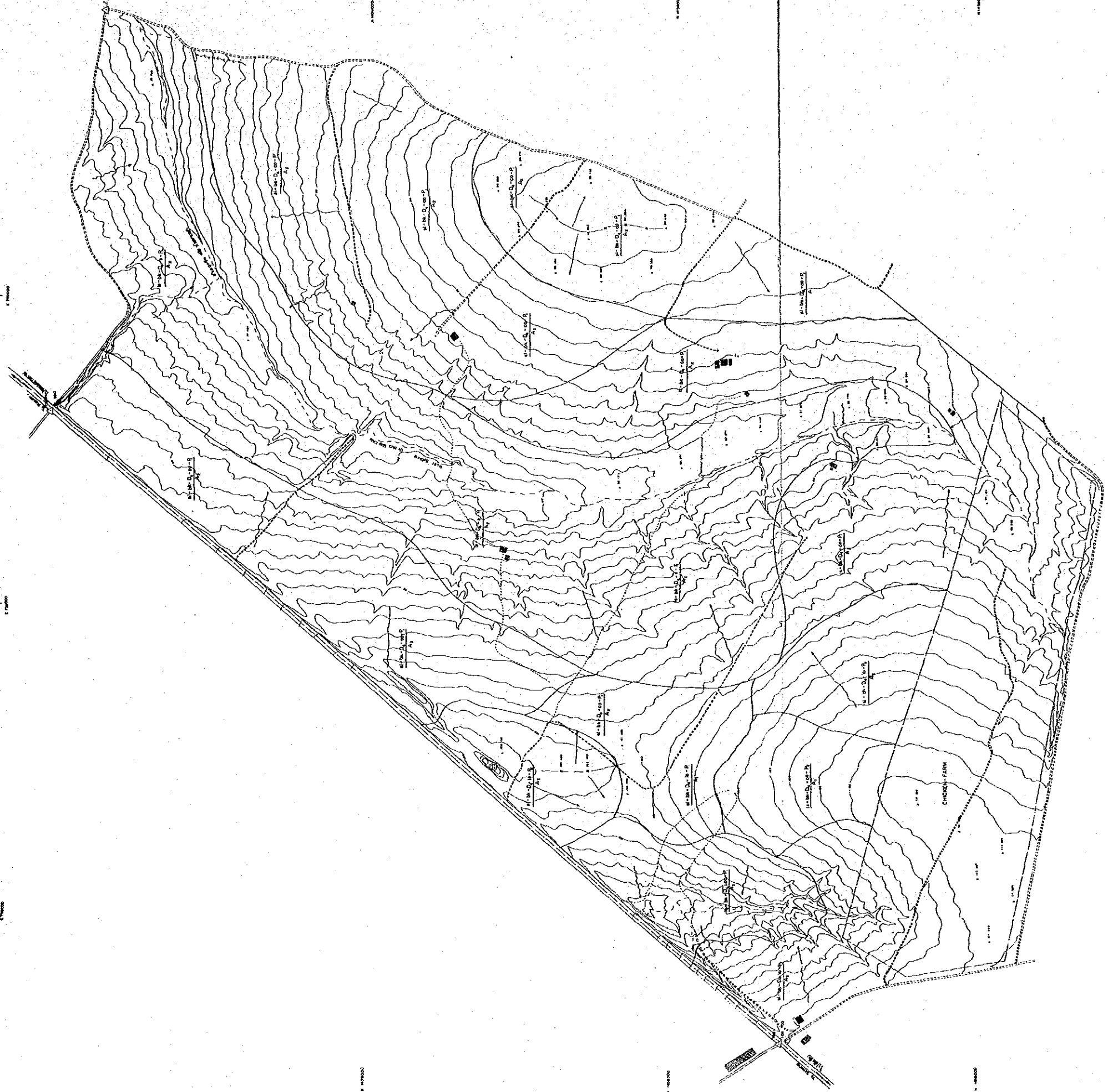
CONVENTIONAL SYMBOLS

- ROADS AND FOOTPATHS
- TRAILS AND CREEKS
- STREAM AND CREEK
- SPOT HEIGHT
- CONTROL POINT
- CONTROL POINT
- PROTECT FOREST
- SHEET BOUNDARY
- RILL EROSION
- GULLET EROSION
- SLOPE GRADED
- DIRECTION OF SURFACE FLOW
- SOIL BOUNDARY

LEGEND

- 1. Elevation at Bangkok (m)
- 2. Surface texture, surface condition, soil texture, surface aspect, permeability of soil
- 3. Slope (per cent)
- 4. Permeability of soil
- 5. Soil depth
- 6. Shading (0-25 cm)
- 7. Shading (25-100 cm)
- 8. Shading (100-200 cm)
- 9. Shading (200-500 cm)
- 10. Shading (>500 cm)
- 11. Shading (0-25 cm)
- 12. Shading (25-100 cm)
- 13. Shading (100-200 cm)
- 14. Shading (200-500 cm)
- 15. Shading (>500 cm)
- 16. Shading (0-25 cm)
- 17. Shading (25-100 cm)
- 18. Shading (100-200 cm)
- 19. Shading (200-500 cm)
- 20. Shading (>500 cm)
- 21. Shading (0-25 cm)
- 22. Shading (25-100 cm)
- 23. Shading (100-200 cm)
- 24. Shading (200-500 cm)
- 25. Shading (>500 cm)
- 26. Shading (0-25 cm)
- 27. Shading (25-100 cm)
- 28. Shading (100-200 cm)
- 29. Shading (200-500 cm)
- 30. Shading (>500 cm)
- 31. Shading (0-25 cm)
- 32. Shading (25-100 cm)
- 33. Shading (100-200 cm)
- 34. Shading (200-500 cm)
- 35. Shading (>500 cm)
- 36. Shading (0-25 cm)
- 37. Shading (25-100 cm)
- 38. Shading (100-200 cm)
- 39. Shading (200-500 cm)
- 40. Shading (>500 cm)
- 41. Shading (0-25 cm)
- 42. Shading (25-100 cm)
- 43. Shading (100-200 cm)
- 44. Shading (200-500 cm)
- 45. Shading (>500 cm)
- 46. Shading (0-25 cm)
- 47. Shading (25-100 cm)
- 48. Shading (100-200 cm)
- 49. Shading (200-500 cm)
- 50. Shading (>500 cm)

AGRICULTURAL LAND CONSERVATION FOR INTEGRATED
 RURAL DEVELOPMENT IN THE EAST, OLD
 BAN CHAK HOED, TAMBOL HUI YAL AMPHOE BANGLANG
 CHONBURI PROVINCE CH-4
SOIL CLASSIFICATION & EROSION
 NO : 1-7
 JAPAN INTERNATIONAL
 COOPERATION AGENCY



- CONVENTIONAL SYMBOLS**
- WILLAGE
 - ROAD SURFACE (TWO OR MORE LANE WIDE)
 - ROAD OR LIGHT RAILWAY (ONE LANE WIDE)
 - TRACK AND FOOTPATH
 - STREAM AND CREEK
 - DEPRESSION
 - POND
 - SPOT HEIGHT
 - CONTROL POINT
 - MEASURED ELEVATION
 - SOIL BOUNDARY
 - SLOPE DEVICE
 - DIRECTION OF SURFACE FLOW

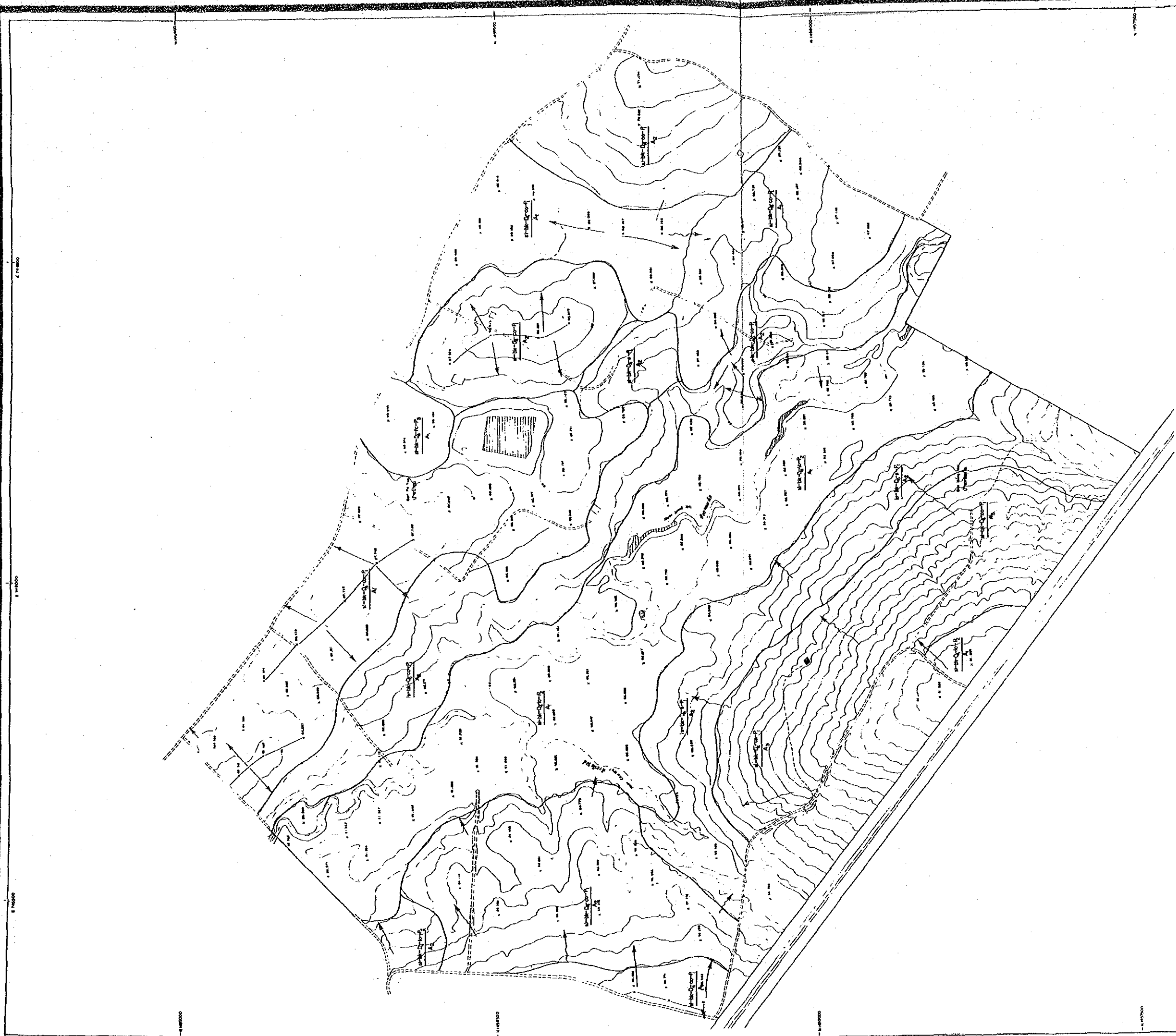
- LEGEND**
- 1. Contour Interval: 5 METERS
 - 2. Projection: UTM
 - 3. Vertical Datum: MEAN SEA LEVEL AT 10.00
 - 4. Horizontal Datum: BANGKOK
 - 5. Control: BY
- (1) Surface Elevation: 100, 150, 200, 250, 300, 350, 400, 450, 500, 550, 600, 650, 700, 750, 800, 850, 900, 950, 1000, 1050, 1100, 1150, 1200, 1250, 1300, 1350, 1400, 1450, 1500, 1550, 1600, 1650, 1700, 1750, 1800, 1850, 1900, 1950, 2000, 2050, 2100, 2150, 2200, 2250, 2300, 2350, 2400, 2450, 2500, 2550, 2600, 2650, 2700, 2750, 2800, 2850, 2900, 2950, 3000, 3050, 3100, 3150, 3200, 3250, 3300, 3350, 3400, 3450, 3500, 3550, 3600, 3650, 3700, 3750, 3800, 3850, 3900, 3950, 4000, 4050, 4100, 4150, 4200, 4250, 4300, 4350, 4400, 4450, 4500, 4550, 4600, 4650, 4700, 4750, 4800, 4850, 4900, 4950, 5000, 5050, 5100, 5150, 5200, 5250, 5300, 5350, 5400, 5450, 5500, 5550, 5600, 5650, 5700, 5750, 5800, 5850, 5900, 5950, 6000, 6050, 6100, 6150, 6200, 6250, 6300, 6350, 6400, 6450, 6500, 6550, 6600, 6650, 6700, 6750, 6800, 6850, 6900, 6950, 7000, 7050, 7100, 7150, 7200, 7250, 7300, 7350, 7400, 7450, 7500, 7550, 7600, 7650, 7700, 7750, 7800, 7850, 7900, 7950, 8000, 8050, 8100, 8150, 8200, 8250, 8300, 8350, 8400, 8450, 8500, 8550, 8600, 8650, 8700, 8750, 8800, 8850, 8900, 8950, 9000, 9050, 9100, 9150, 9200, 9250, 9300, 9350, 9400, 9450, 9500, 9550, 9600, 9650, 9700, 9750, 9800, 9850, 9900, 9950, 10000
- (2) Soil Data: S, S1, S2, S3, S4, S5, S6, S7, S8, S9, S10, S11, S12, S13, S14, S15, S16, S17, S18, S19, S20, S21, S22, S23, S24, S25, S26, S27, S28, S29, S30, S31, S32, S33, S34, S35, S36, S37, S38, S39, S40, S41, S42, S43, S44, S45, S46, S47, S48, S49, S50, S51, S52, S53, S54, S55, S56, S57, S58, S59, S60, S61, S62, S63, S64, S65, S66, S67, S68, S69, S70, S71, S72, S73, S74, S75, S76, S77, S78, S79, S80, S81, S82, S83, S84, S85, S86, S87, S88, S89, S90, S91, S92, S93, S94, S95, S96, S97, S98, S99, S100
- (3) Slope Data: 0%, 1%, 2%, 3%, 4%, 5%, 6%, 7%, 8%, 9%, 10%, 11%, 12%, 13%, 14%, 15%, 16%, 17%, 18%, 19%, 20%, 21%, 22%, 23%, 24%, 25%, 26%, 27%, 28%, 29%, 30%, 31%, 32%, 33%, 34%, 35%, 36%, 37%, 38%, 39%, 40%, 41%, 42%, 43%, 44%, 45%, 46%, 47%, 48%, 49%, 50%, 51%, 52%, 53%, 54%, 55%, 56%, 57%, 58%, 59%, 60%, 61%, 62%, 63%, 64%, 65%, 66%, 67%, 68%, 69%, 70%, 71%, 72%, 73%, 74%, 75%, 76%, 77%, 78%, 79%, 80%, 81%, 82%, 83%, 84%, 85%, 86%, 87%, 88%, 89%, 90%, 91%, 92%, 93%, 94%, 95%, 96%, 97%, 98%, 99%, 100%
- (4) Various points located in the area: 100, 150, 200, 250, 300, 350, 400, 450, 500, 550, 600, 650, 700, 750, 800, 850, 900, 950, 1000, 1050, 1100, 1150, 1200, 1250, 1300, 1350, 1400, 1450, 1500, 1550, 1600, 1650, 1700, 1750, 1800, 1850, 1900, 1950, 2000, 2050, 2100, 2150, 2200, 2250, 2300, 2350, 2400, 2450, 2500, 2550, 2600, 2650, 2700, 2750, 2800, 2850, 2900, 2950, 3000, 3050, 3100, 3150, 3200, 3250, 3300, 3350, 3400, 3450, 3500, 3550, 3600, 3650, 3700, 3750, 3800, 3850, 3900, 3950, 4000, 4050, 4100, 4150, 4200, 4250, 4300, 4350, 4400, 4450, 4500, 4550, 4600, 4650, 4700, 4750, 4800, 4850, 4900, 4950, 5000, 5050, 5100, 5150, 5200, 5250, 5300, 5350, 5400, 5450, 5500, 5550, 5600, 5650, 5700, 5750, 5800, 5850, 5900, 5950, 6000, 6050, 6100, 6150, 6200, 6250, 6300, 6350, 6400, 6450, 6500, 6550, 6600, 6650, 6700, 6750, 6800, 6850, 6900, 6950, 7000, 7050, 7100, 7150, 7200, 7250, 7300, 7350, 7400, 7450, 7500, 7550, 7600, 7650, 7700, 7750, 7800, 7850, 7900, 7950, 8000, 8050, 8100, 8150, 8200, 8250, 8300, 8350, 8400, 8450, 8500, 8550, 8600, 8650, 8700, 8750, 8800, 8850, 8900, 8950, 9000, 9050, 9100, 9150, 9200, 9250, 9300, 9350, 9400, 9450, 9500, 9550, 9600, 9650, 9700, 9750, 9800, 9850, 9900, 9950, 10000
- (5) Slope Data: 0%, 1%, 2%, 3%, 4%, 5%, 6%, 7%, 8%, 9%, 10%, 11%, 12%, 13%, 14%, 15%, 16%, 17%, 18%, 19%, 20%, 21%, 22%, 23%, 24%, 25%, 26%, 27%, 28%, 29%, 30%, 31%, 32%, 33%, 34%, 35%, 36%, 37%, 38%, 39%, 40%, 41%, 42%, 43%, 44%, 45%, 46%, 47%, 48%, 49%, 50%, 51%, 52%, 53%, 54%, 55%, 56%, 57%, 58%, 59%, 60%, 61%, 62%, 63%, 64%, 65%, 66%, 67%, 68%, 69%, 70%, 71%, 72%, 73%, 74%, 75%, 76%, 77%, 78%, 79%, 80%, 81%, 82%, 83%, 84%, 85%, 86%, 87%, 88%, 89%, 90%, 91%, 92%, 93%, 94%, 95%, 96%, 97%, 98%, 99%, 100%

AGRICULTURAL LAND CONSERVATION FOR INTEGRATED RURAL DEVELOPMENT IN THE EAST, OLD TAMBOL KHLONS KUI AMPHOE BAN BUNG CHUMBURI PROVINCE ON - 8

SOIL CLASSIFICATION & EROSION

NO. 1-8

JAPAN INTERNATIONAL COOPERATION AGENCY



LEGEND

CONVENTIONAL SYMBOLS

	VILLAGE
	HAND DRAWN SURFACE (TWO OR MORE LINES WIDE)
	ROAD OR LIGHT SURFACE (ONE LINE WIDE)
	STREAM AND DITCH
	POOND
	SPOT HEIGHT
	CONTROL POINT
	PROJECT BOUNDARY
	SHEET EROSION
	HILL EROSION
	GULLY EROSION
	SLOPE DEVICE
	DIRECTION OF SURFACE FLOW
	SOIL BOUNDARY

LEGEND

EXPLANATION OF SYMBOLS

	1. Very deep (> 100 cm)
	2. Deep (50-100 cm)
	3. Medium deep (25-50 cm)
	4. Shallow (10-25 cm)
	5. Very shallow (< 10 cm)
	6. Very shallow (< 10 cm)
	7. Very shallow (< 10 cm)
	8. Very shallow (< 10 cm)
	9. Very shallow (< 10 cm)
	10. Very shallow (< 10 cm)

PROJECION: UTM
 GRID: UTM
 ELEVATION: MEAN SEA LEVEL AT 40 CM
 VERTICAL DATUM: MEAN SEA LEVEL AT 40 CM
 HORIZONTAL DATUM: MEAN SEA LEVEL AT 40 CM
 CONTROL: 1:100,000

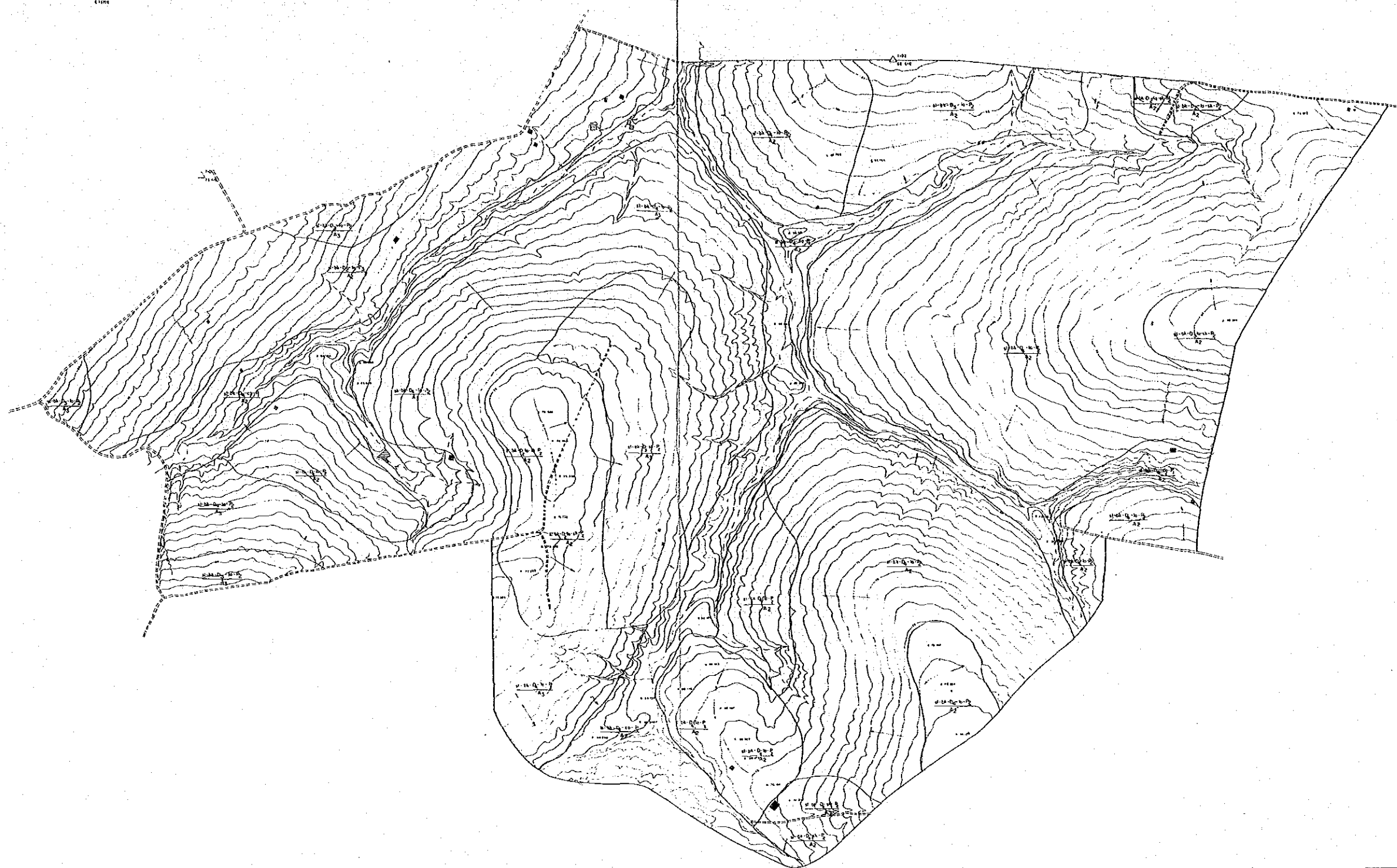
AGRICULTURAL LAND CONSERVATION FOR INTEGRATED
 RURAL DEVELOPMENT IN THE EAST, D.I.D
 TAMBOL NONG 2nd RUN AMPHOE BAN BUNG
 CHONBURI PROVINCE • CN-9
SOIL CLASSIFICATION & EROSION

NO: 1-9
 JAPAN INTERNATIONAL
 COOPERATION AGENCY

1:75,000

1:75,000

1:75,000



- สัญลักษณ์**
- หมู่บ้าน
 - พื้นผิวหลวมหรือพื้นผิวเบา
 - ถนนและทางเท้า
 - ลำน้ำและลำธาร
 - บึง
 - ความสูงเฉพาะจุด
 - เส้นระดับ
 - จุดควบคุม
 - ขอบเขตโครงการ
 - ขอบเขตดิน
 - การกัดเซาะในหุบเขา
 - ความลาดชันที่แบ่ง
 - ทิศทางของน้ำไหลบนผิวดิน

CONVENTIONAL SYMBOLS

Legend of Mapping Unit

Surface texture - Surface structure - Soil Open - Texture profile - Permeability of profile

Explanation of Symbols on Mapping Unit

(1) Surface texture

s = Sand	h = Loamy sand
sl = Sandy loam	slt = Sandy clay loam
l = Loam	cl = Clay loam
c = Clay	clt = Silty loam
slt = Silty clay loam	

(2) Surface structure

ms = massive	ss = Shaly structure
gc = granular or crumb	g = single gran.

(3) Soil Depth

D₁ = Shallow (0-25 cm) D₂ = Moderately deep (25-50 cm)
 D₃ = Deep (50-100 cm) D₄ = Very deep (>100 cm)

(4) Texture Profile (occurs in Soil Texture - Soil Texture - Soil Texture)

cs = coarse heavy fs = fine heavy (under clay)
 fc = fine clay, clay ss = silty

(5) Permeability of profile

P₁ = rapid P₂ = moderate P₃ = slow

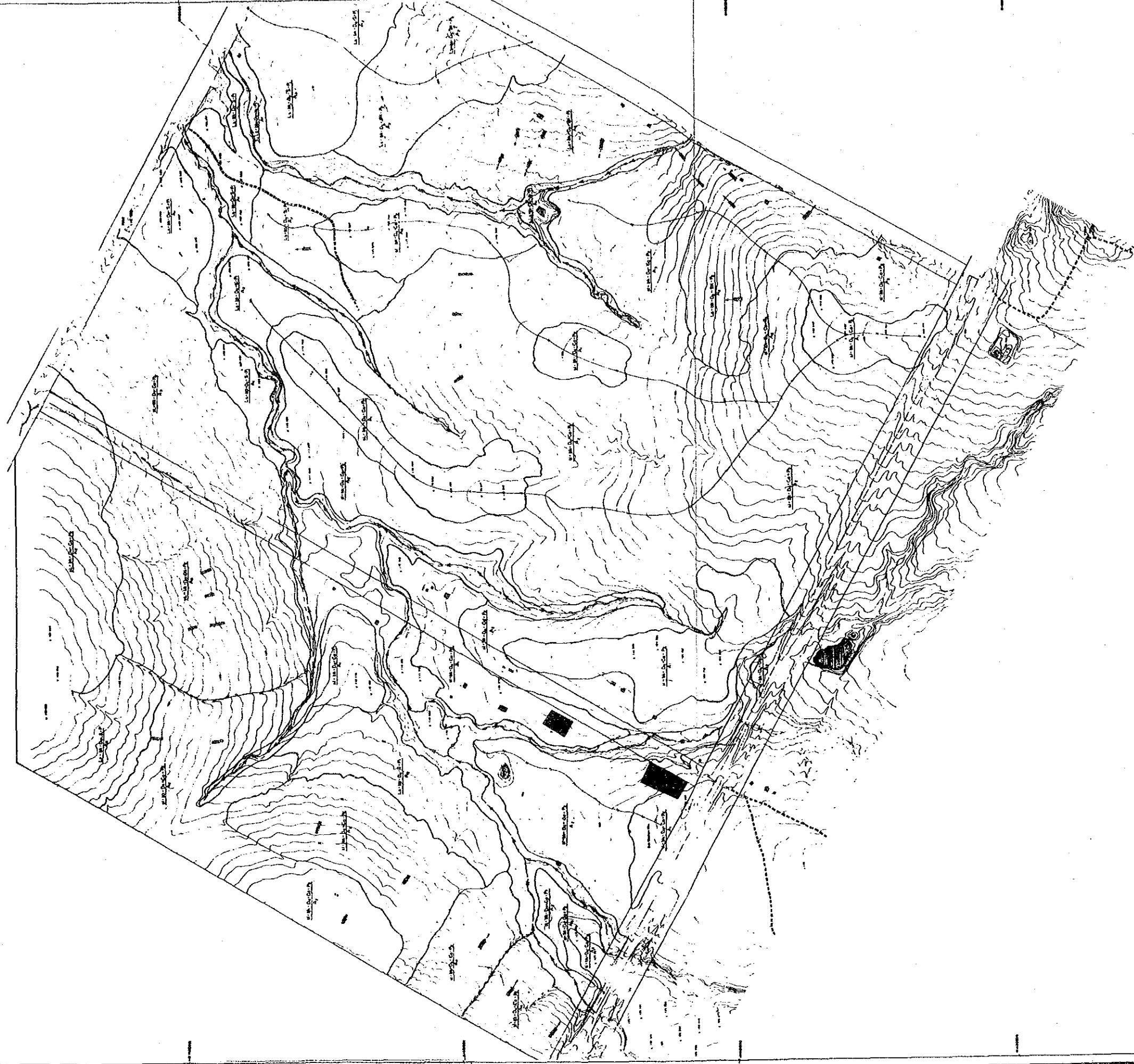
(6) Slope classes of the unit

A ₁ = 0 - 2%	A ₂ = 2 - 5%
A ₃ = 5 - 8%	A ₄ = 8 - 12%
A ₅ = 12 - 15%	

N

SPHEROID EQUIDISTANT
 GRID UTM
 PROJECTION TRANSVERSE MERCATOR
 VERTICAL DATUM MEAN SEA LEVEL AT 10 LAK
 HORIZONTAL DATUM INCHAM DATUM
 CONTROL BY

AGRICULTURAL LAND CONSERVATION FOR INTEGRATED
 RURAL DEVELOPMENT IN THE EAST, DLD
 BAN KHAO KRAPONG TAMBOL PA YUP
 KING AMPHOE WANG CHAN RAYONG PROVINCE RY - 1
SOIL CLASSIFICATION & EROSION
 NO. 1-10 JAPAN INTERNATIONAL
 COOPERATION AGENCY



LEGEND

- CONVENTIONAL SYMBOLS**
- VILLAGE
 - ROAD SURFACE (ONE LANE ROAD)
 - LOOSE OR LIGHT SURFACE (ONE LANE ROAD)
 - TRAIL AND FOOTPATH
 - STRAIL AND CREEK
 - DEPRESSION
 - POLE
 - SPOT HEIGHT
 - CONTOUR
 - CONTROL POINT
 - PROJECT BOUNDARY
 - SHEET BOUNDARY
 - ALL EROSION
 - SLOPE DEGREE
 - DIRECTION OF SURFACE FLOW
 - SOIL BOUNDARY

- LEGEND**
- (1) Survey Station
 - (2) Survey Station
 - (3) Survey Station
 - (4) Survey Station
 - (5) Survey Station
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 - (9) Survey Station
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 - (100) Survey Station

- SPACING
- CONTOUR INTERVAL
- FOREST
- UTM
- TRANSVERSE MERCATOR
- MEAN SEA LEVEL AT PD LAK
- MEAN DATUM
- CONTROL BY

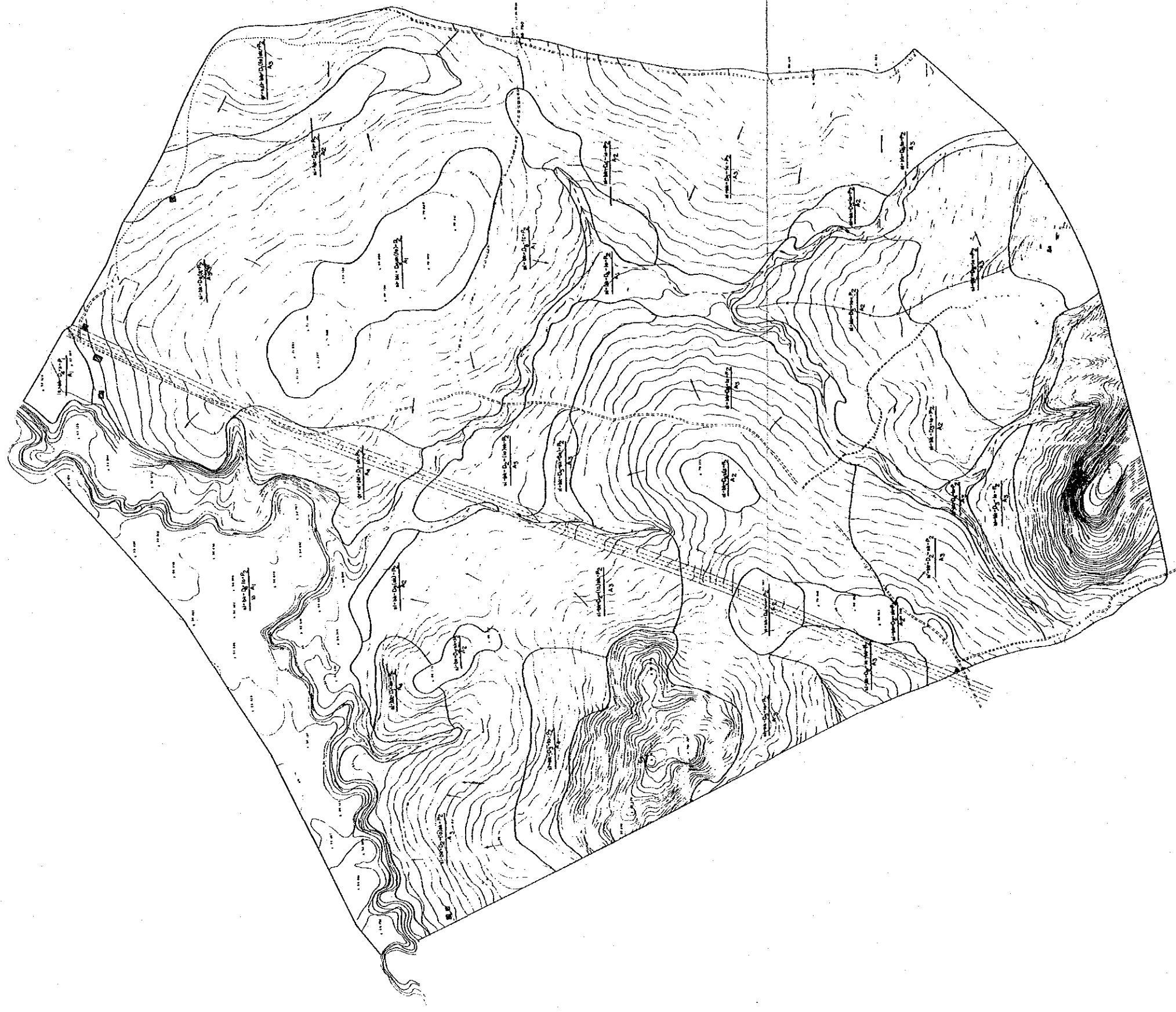
AGRICULTURAL LAND CONSERVATION FOR INTEGRATED
 RURAL DEVELOPMENT IN THE EAST, DLD
 BAN NONG WA THAMEOL PHANNAKOM
 AMPHIE BAN KHAI RAYONG PROVINCE # RY-2
SOIL CLASSIFICATION & EROSION
 NO 1-11
 JAPAN INTERNATIONAL
 COOPERATION AGENCY

1:75000

1:75000

1:75000

1:75000



CONVENTIONAL SYMBOLS

- VILLAGE
- MAIN SURFACE (TWO OR MORE LANE WIDE)
- LOOSE OR LIGHT SURFACE (ONE LANE WIDE)
- TRACK AND FOOTPATH
- STREAM AND CREEK
- DITCH
- EMBANKMENT
- SPOT HEIGHT
- CONTOUR
- PROJECT BOUNDARY
- SHEET EROSION
- HILL EROSION
- GULLY EROSION
- SLOPE DIVIDED
- DIRECTION OF SURFACE FLOW
- SOIL BOUNDARY

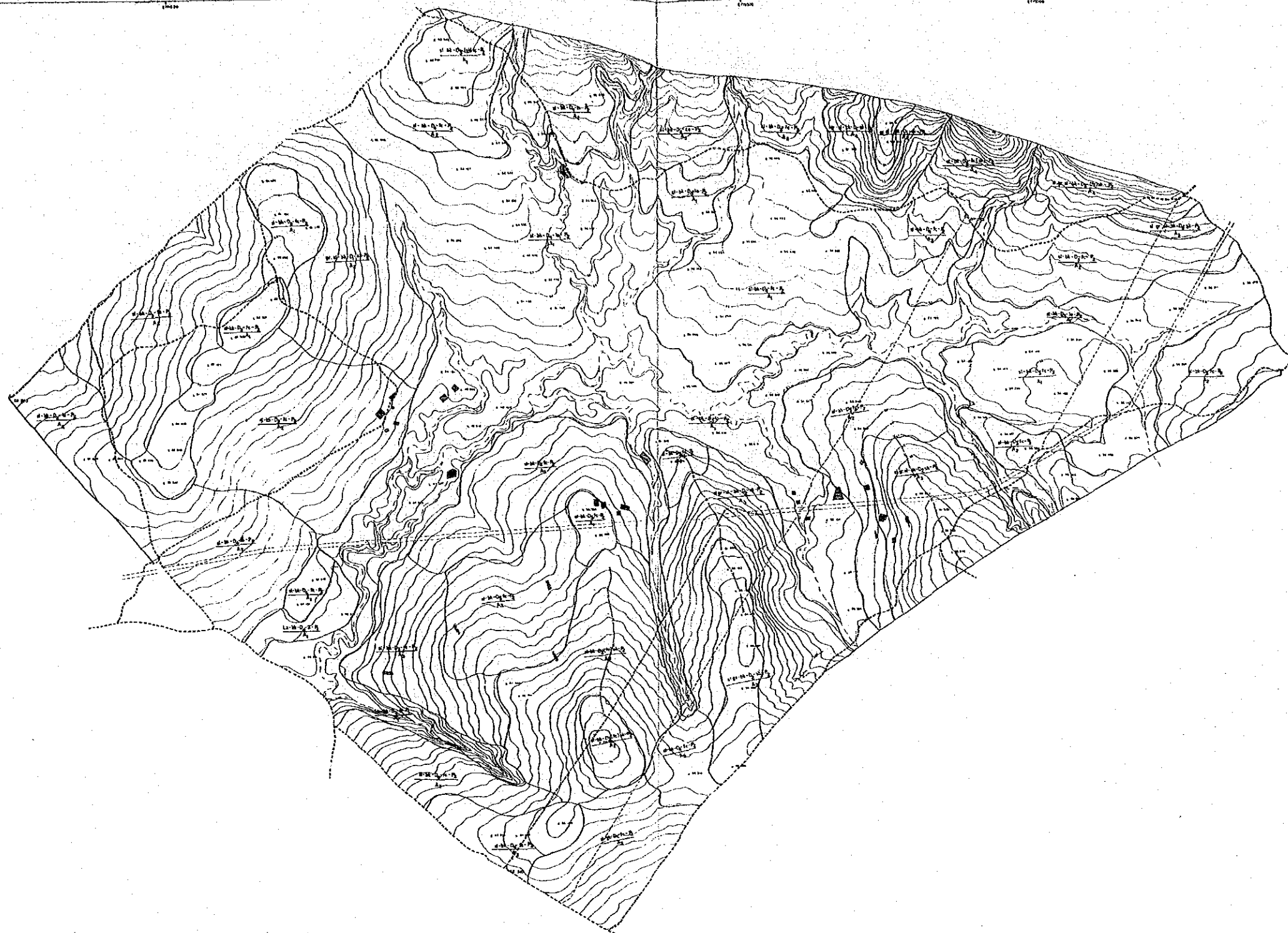
LEGEND

- I. Identification of Symbols
 - (1) Surface Material: Surface Material, Soil Depth, Texture, etc. - Permeability of each
 - (2) Surface Material: Surface Material, Soil Depth, Texture, etc. - Permeability of each
- II. Explanation of Symbols in Map
 - (1) Soil: S1, S2, S3, S4, S5, S6, S7, S8, S9, S10, S11, S12, S13, S14, S15, S16, S17, S18, S19, S20, S21, S22, S23, S24, S25, S26, S27, S28, S29, S30, S31, S32, S33, S34, S35, S36, S37, S38, S39, S40, S41, S42, S43, S44, S45, S46, S47, S48, S49, S50, S51, S52, S53, S54, S55, S56, S57, S58, S59, S60, S61, S62, S63, S64, S65, S66, S67, S68, S69, S70, S71, S72, S73, S74, S75, S76, S77, S78, S79, S80, S81, S82, S83, S84, S85, S86, S87, S88, S89, S90, S91, S92, S93, S94, S95, S96, S97, S98, S99, S100
 - (2) Surface Material: S1, S2, S3, S4, S5, S6, S7, S8, S9, S10, S11, S12, S13, S14, S15, S16, S17, S18, S19, S20, S21, S22, S23, S24, S25, S26, S27, S28, S29, S30, S31, S32, S33, S34, S35, S36, S37, S38, S39, S40, S41, S42, S43, S44, S45, S46, S47, S48, S49, S50, S51, S52, S53, S54, S55, S56, S57, S58, S59, S60, S61, S62, S63, S64, S65, S66, S67, S68, S69, S70, S71, S72, S73, S74, S75, S76, S77, S78, S79, S80, S81, S82, S83, S84, S85, S86, S87, S88, S89, S90, S91, S92, S93, S94, S95, S96, S97, S98, S99, S100
 - (3) Soil Depth: S1, S2, S3, S4, S5, S6, S7, S8, S9, S10, S11, S12, S13, S14, S15, S16, S17, S18, S19, S20, S21, S22, S23, S24, S25, S26, S27, S28, S29, S30, S31, S32, S33, S34, S35, S36, S37, S38, S39, S40, S41, S42, S43, S44, S45, S46, S47, S48, S49, S50, S51, S52, S53, S54, S55, S56, S57, S58, S59, S60, S61, S62, S63, S64, S65, S66, S67, S68, S69, S70, S71, S72, S73, S74, S75, S76, S77, S78, S79, S80, S81, S82, S83, S84, S85, S86, S87, S88, S89, S90, S91, S92, S93, S94, S95, S96, S97, S98, S99, S100
 - (4) Moisture: S1, S2, S3, S4, S5, S6, S7, S8, S9, S10, S11, S12, S13, S14, S15, S16, S17, S18, S19, S20, S21, S22, S23, S24, S25, S26, S27, S28, S29, S30, S31, S32, S33, S34, S35, S36, S37, S38, S39, S40, S41, S42, S43, S44, S45, S46, S47, S48, S49, S50, S51, S52, S53, S54, S55, S56, S57, S58, S59, S60, S61, S62, S63, S64, S65, S66, S67, S68, S69, S70, S71, S72, S73, S74, S75, S76, S77, S78, S79, S80, S81, S82, S83, S84, S85, S86, S87, S88, S89, S90, S91, S92, S93, S94, S95, S96, S97, S98, S99, S100
 - (5) Permeability of soil: S1, S2, S3, S4, S5, S6, S7, S8, S9, S10, S11, S12, S13, S14, S15, S16, S17, S18, S19, S20, S21, S22, S23, S24, S25, S26, S27, S28, S29, S30, S31, S32, S33, S34, S35, S36, S37, S38, S39, S40, S41, S42, S43, S44, S45, S46, S47, S48, S49, S50, S51, S52, S53, S54, S55, S56, S57, S58, S59, S60, S61, S62, S63, S64, S65, S66, S67, S68, S69, S70, S71, S72, S73, S74, S75, S76, S77, S78, S79, S80, S81, S82, S83, S84, S85, S86, S87, S88, S89, S90, S91, S92, S93, S94, S95, S96, S97, S98, S99, S100
 - (6) Slope: S1, S2, S3, S4, S5, S6, S7, S8, S9, S10, S11, S12, S13, S14, S15, S16, S17, S18, S19, S20, S21, S22, S23, S24, S25, S26, S27, S28, S29, S30, S31, S32, S33, S34, S35, S36, S37, S38, S39, S40, S41, S42, S43, S44, S45, S46, S47, S48, S49, S50, S51, S52, S53, S54, S55, S56, S57, S58, S59, S60, S61, S62, S63, S64, S65, S66, S67, S68, S69, S70, S71, S72, S73, S74, S75, S76, S77, S78, S79, S80, S81, S82, S83, S84, S85, S86, S87, S88, S89, S90, S91, S92, S93, S94, S95, S96, S97, S98, S99, S100

AGRICULTURAL LAND CONSERVATION FOR INTEGRATED
 RURAL DEVELOPMENT IN THE EAST OLD
 BAN KHAO TAI IN TAMBOL CHUM SANG
 RAYONG PROVINCE - RT-3
SOIL CLASSIFICATION

NO. 1-12

JAPAN INTERNATIONAL
 COOPERATION AGENCY



สัญลักษณ์

- หมู่บ้าน
- แนวสันเขา แนวกำแพง
- ถนนหนทาง
- ลำน้ำ ลำห้วย
- ความสูง
- เส้น等高
- จุดควบคุม
- ขอบเขตโครงการ
- รอยกรีด
- รอยกรีดลึก
- แนวแบ่งลาด
- ทิศทางการไหลบนผิวดิน
- ขอบเขตดิน

CONVENTIONAL SYMBOLS

- VILLAGE
- RIIDGE OR LIGHT BARRIER (CON. LANE WOOD)
- TRACK AND FOOTPATH
- STREAM AND CREEK
- SPOKE HEIGHT
- CONTOUR
- CONTROL POINT
- PROJECT BOUNDARY
- SHEET EROSION
- GULLEY EROSION
- SLOPE DIVIDED
- DIRECTION OF SURFACE FLOW
- SOIL BOUNDARY

LEGEND

- I. Identification of Mapping Unit
- Surface texture - Surface structure - Soil Depth - Texture profile - Permeability of profile
- Soil class of the Unit
- 11) Surface texture
- | | | | |
|-----------------|-----------------|------------------|-----------------------|
| s = Sand | sl = Sandy loam | cl = Clay loam | clt = Silty clay loam |
| sl = Sandy loam | cl = Clay loam | slt = Silty loam | clt = Silty clay loam |
- 12) Surface structure
- | | |
|------------------------|----------------------|
| ms = medium | ss = sandy structure |
| gs = granular or crumb | ls = lumpy gran |
- 13) Soil Depth
- | | |
|------------------------------------|---|
| D ₁ = Shallow (0-25 cm) | D ₂ = Moderately deep (25-50 cm) |
| D ₃ = Deep (50-100 cm) | D ₄ = Very deep (>100 cm) |
- 14) Textural Profile (according to Soil Texture)
- | | |
|------------------------|----------------------|
| fs = fine sandy loam | fs = fine sandy loam |
| fc = fine clay, clayey | sl = silty |
- 15) Permeability of profile
- | | | |
|------------------------|---------------------------|-----------------------|
| P ₁ = rapid | P ₂ = moderate | P ₃ = slow |
|------------------------|---------------------------|-----------------------|
- 16) Slope classes of the unit
- | | |
|-------------------------|--------------------------|
| A ₁ = 0 - 2% | A ₂ = 2 - 5% |
| A ₃ = 5 - 8% | A ₄ = 8 - 16% |
| A ₅ = > 16% | |

N

SPHEROID EQUISYST

GND UTM

PROJECTION TRANSVERSE MERCATOR

VERTICAL DATUM MEAN SEA LEVEL AT PD LAR

HORIZONTAL DATUM BROWN DATUM

CONTROL BY

AGRICULTURAL LAND CONSERVATION FOR INTEGRATED RURAL DEVELOPMENT IN THE EAST, DLD

BAN KHAO KRA PHONG TAMBOL PA YUB

KING AMPHOE WANG CHAN RAYONG PROVINCE

SOIL CLASSIFICATION & EROSION

RY - 5

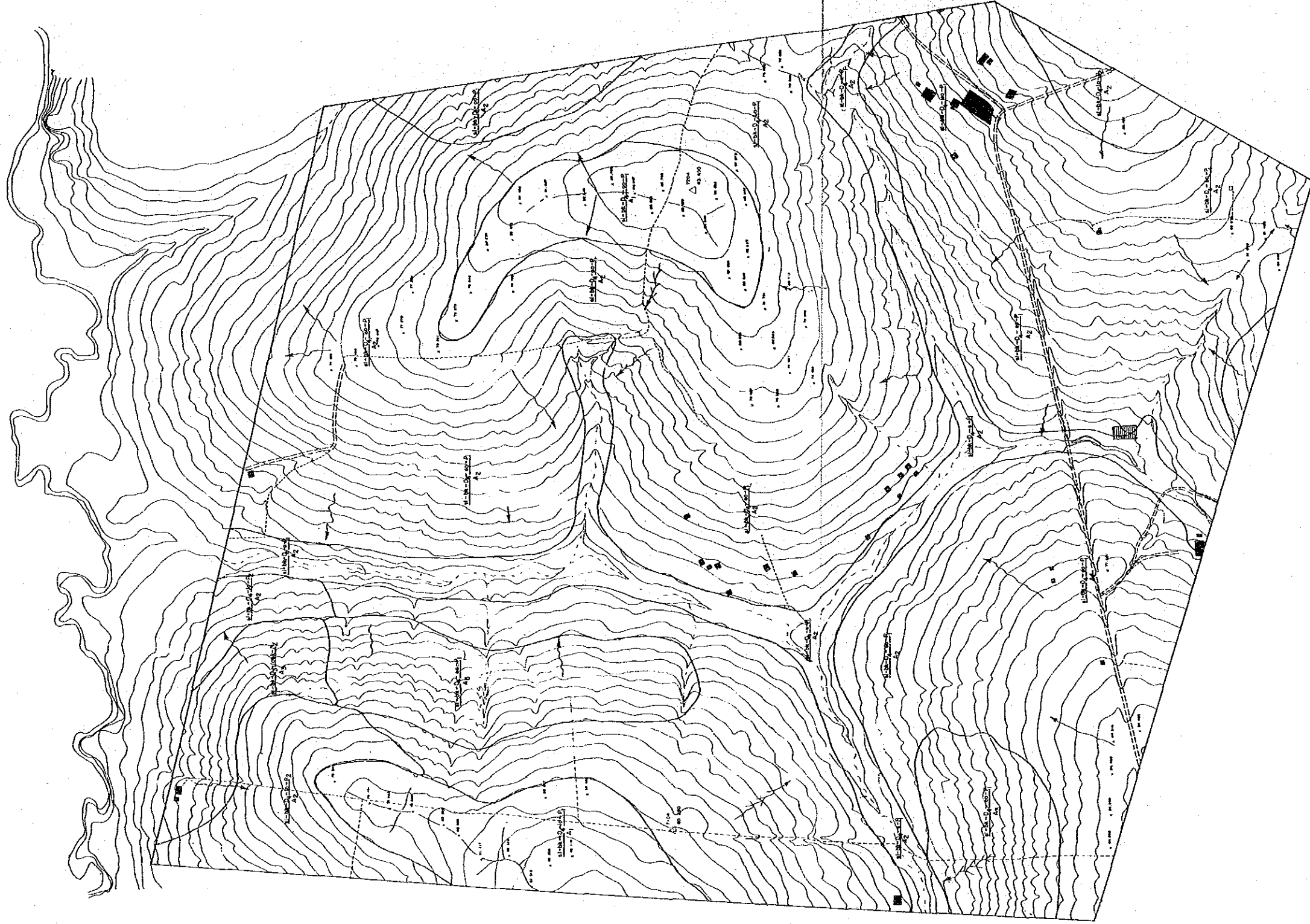
NO : 1-13

JAPAN INTERNATIONAL COOPERATION AGENCY

E 117900

E 117900

E 117900



CONVENTIONAL SYMBOLS

- WATER
- WIDE & LIGHT SURFACE LINE (ING. WDL.)
- TRAIL AND FOOTWAY
- STREAM AND CANAL
- SPOT HEIGHT
- CONTOUR
- CONTROL POINT
- PROJECT BOUNDARY
- SHEET BOUNDARY
- WELL
- SLOPE DIVIDER
- DIRECTION OF SURFACE FLOW
- SOIL BOUNDS

LEGEND

- (1) Elevation of height, etc.
- (2) Surface water - Surface structure - Soil Depth - Surface profile - Permeability, etc.
- (3) Surface water
- (4) Surface structure
- (5) Soil depth
- (6) Surface profile (according to Soil Survey)
- (7) Permeability of surface
- (8) Slope of surface

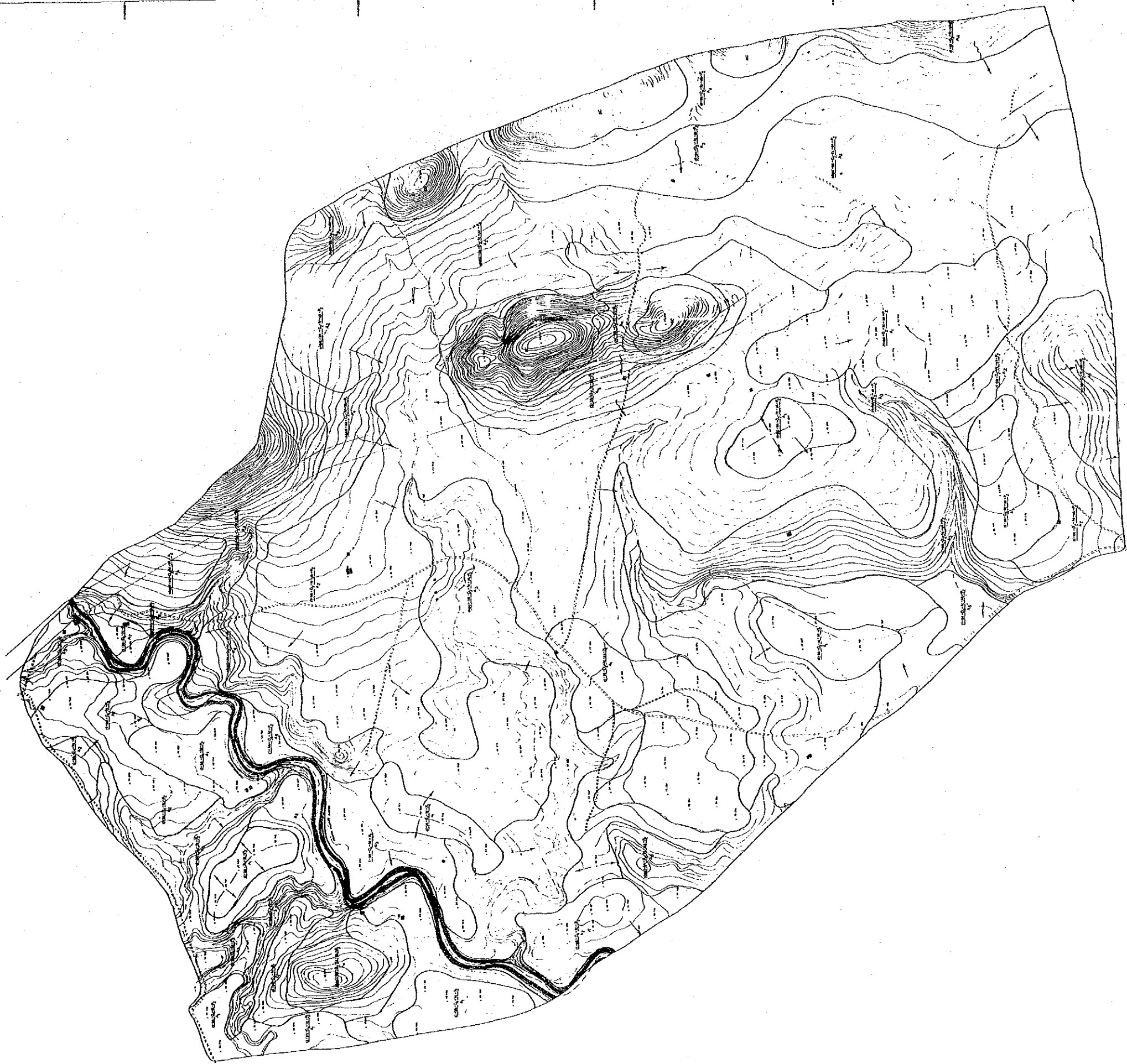
- SPHEROID
- GRID
- PROJECTION
- VERTICAL DATUM
- HORIZONTAL DATUM
- CONTROL PT.
- EVEREST
- UTM
- TRANSVERSE MERCATOR
- MEAN SEA LEVEL AT NO. 14
- ROMAN NUMERAL

AGRICULTURAL LAND CONSERVATION FOR INTEGRATED
 RURAL DEVELOPMENT IN THE EAST, DLD
 BAN NASTRAN TOMBOL PLUANGSANG
 AMPHOE PLUANGSANG RAYONG PROVINCE - RY-7
SOIL CLASSIFICATION & EROSION
 NO. 1-14
 JAPAN INTERNATIONAL
 COOPERATION AGENCY

E 118000

E 118000

E 118000



Village
 Road
 Canal
 Stream
 River
 Stream and Creek
 Embankment
 Pond
 Bridge
 Concrete
 Spot Height
 Contour
 Control Point
 Project Boundary
 Silt Erosion
 Soil Erosion
 Gully Erosion
 Slope Erosion
 Director of Service Line
 Soil Boundary

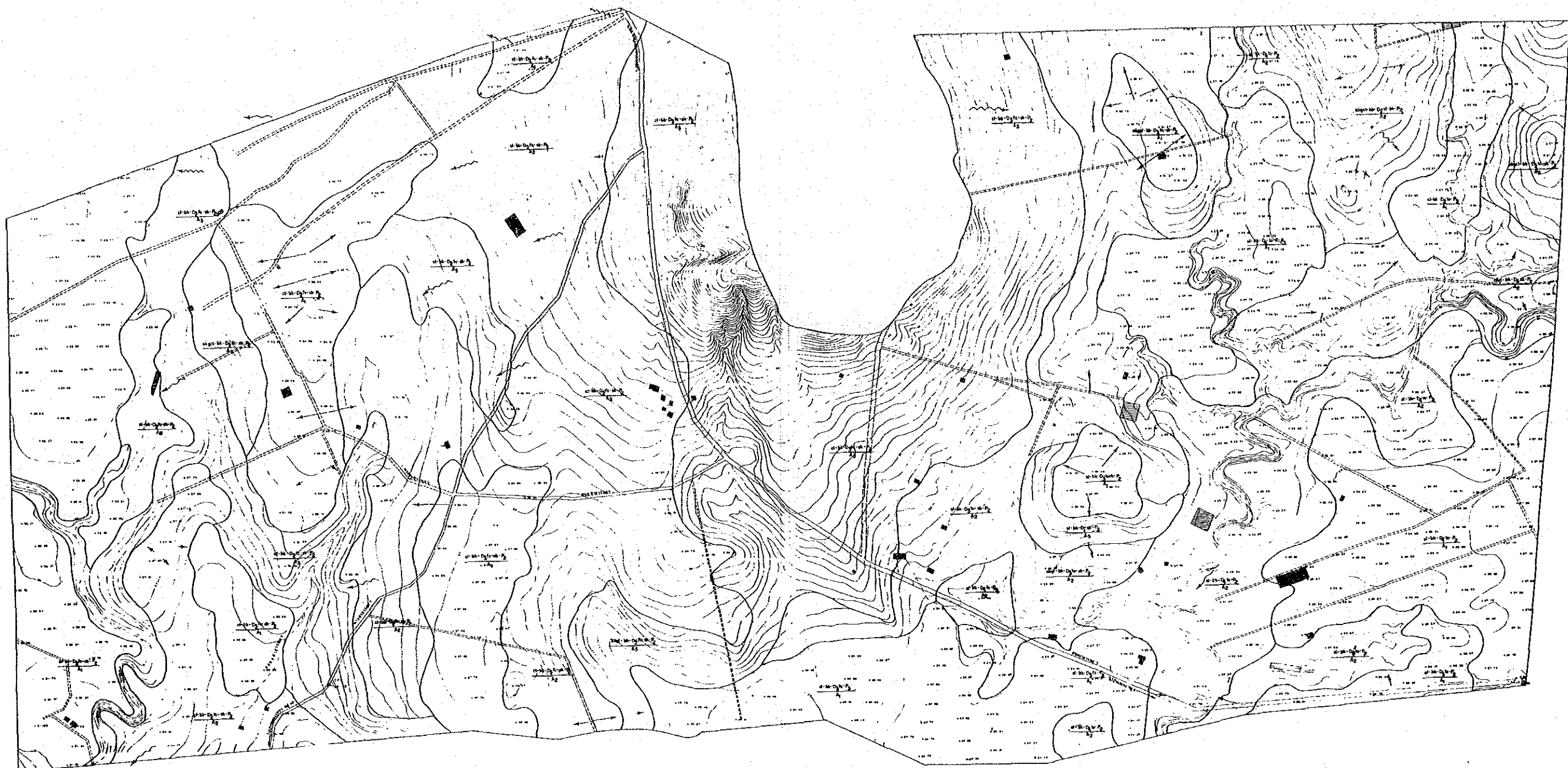
CONVENTIONAL SYMBOLS
 VILLAGE
 ROAD (TWO OR MORE LANE WIDE)
 ROAD (ONE LANE WIDE)
 CANAL (ONE LANE WIDE)
 TRAIL OR FOOTPATH
 RIVER
 STREAM AND CREEK
 EMBANKMENT
 POND
 BRIDGE
 CONCRETE
 SPOT HEIGHT
 CONTOUR
 CONTROL POINT
 PROJECT BOUNDARY
 SILT EROSION
 SOIL EROSION
 GULLY EROSION
 SLOPE EROSION
 DIRECTOR OF SERVICE LINE
 SOIL BOUNDARY

LEGEND
 (1) Scale 1:50,000
 (2) Projection UTM
 (3) Datum 1958
 (4) Contour Interval 5m
 (5) Spot Height Interval 1m
 (6) Contour Interval 5m
 (7) Contour Interval 5m
 (8) Contour Interval 5m
 (9) Contour Interval 5m
 (10) Contour Interval 5m
 (11) Contour Interval 5m
 (12) Contour Interval 5m
 (13) Contour Interval 5m
 (14) Contour Interval 5m
 (15) Contour Interval 5m
 (16) Contour Interval 5m



SHEET NO. 1-15
 DATE OF SURVEY 1958
 PROJECTED BY JAPAN INTERNATIONAL COOPERATION AGENCY
 CONTROL POINT NO. 1000
 VERTICAL DATUM 1958
 HORIZONTAL DATUM 1958

AGRICULTURAL LAND CONSERVATION FOR INTEGRATED
 RURAL DEVELOPMENT IN THE EAST, OLD
 BAN HANG PLA BAN PHANG NA PHA
 TAMBOL THUNG BAN JA AMPHOE THA MA
 CHANTHABURI PROVINCE CT - 2
SOIL CLASSIFICATION & EROSION
 NO. 1-15
 JAPAN INTERNATIONAL
 COOPERATION AGENCY



สัญลักษณ์

	VALLEY
	CLOSE OF EIGHT SURFACE LINE WORK
	TRACK AND FOOTPATH
	STREAM AND CREEK
	POND
	SPOT HEIGHT
	CONTROL POINT
	CONTACT POINT
	PROJECT BOUNDARY
	SHEET EROSION
	RILL EROSION
	GULLY EROSION
	SLOPE COVERED
	DIRECTION OF SURFACE FLOW
	SOIL BOUNDARY

LEGEND

I Interpretation of Mapping Unit

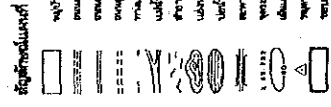
121	Surface texture - Surface structure - Soil Depth - Texture profile - Permeability of profile
122	Surface texture
123	Surface structure
124	Soil Depth
125	Texture Profile (according to Soil Texture Soil Texture family)
126	Permeability of profile
127	Slope class of the unit

SPHEROID EVEREST
 PROJECTION UTM
 VERTICAL DATUM MEAN SEA LEVEL AT HO LAK
 HORIZONTAL DATUM ADAM DATUM
 CONTROL BY

AGRICUL LAND CONSERVATION FOR INTEGRATED
 RURAL DEVELOPMENT IN THE EAST, DLD
 BAN TA PHONG TAMBOL THUNG BENJA
 AMPHOE THA MAI PROVINCE : CHANTHABURI • C.T - 3
SOIL CLASSIFICATION & EROSION

NO : 1-16

JAPAN INTERNATIONAL
COOPERATION AGENCY



CONVENTIONAL SYMBOLS

- VILLAGE
- ROAD SURFACE (TWO OR MORE LANE WIDE)
- ROAD SURFACE (ONE LANE WIDE)
- LOOSE OR LIGHT SURFACE (ONE LANE WIDE)
- TRAIL AND FOOTPATH
- RIVER
- STREAM AND CREEK
- DEPRESSION
- POND
- BROOK CONCRETE
- SPOT POOL
- CONTROL POINT
- CONTROL POINT
- PROJECT BOUNDARY

SHEET NO. 1-17
 GRID UTM
 PROJECTION TRANSVERSE MERCATOR
 VERTICAL DATUM MEAN SEA LEVEL AT 40 LAK
 HORIZONTAL DATUM HONG KONG
 CONTROL BY

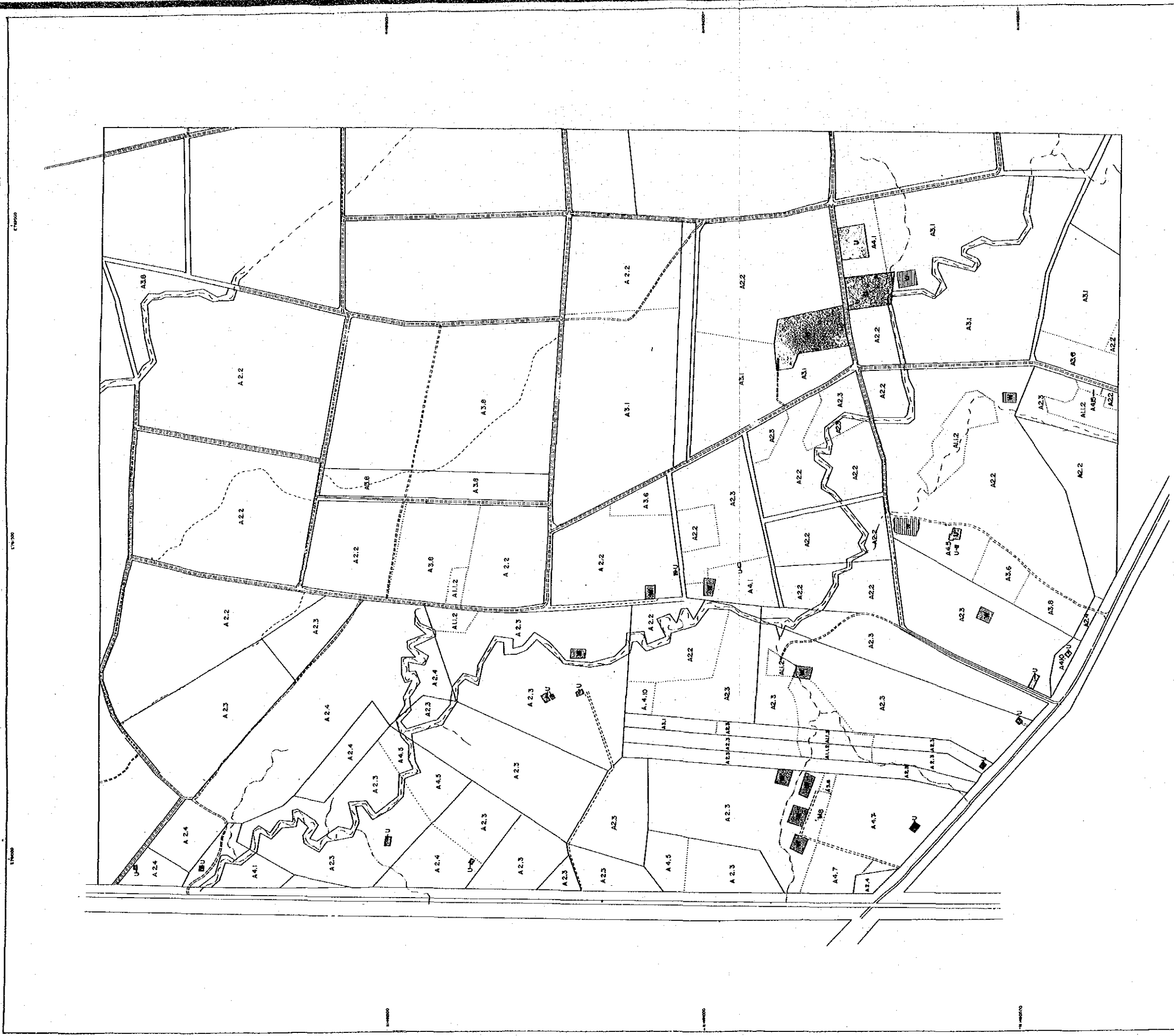


AGRICULTURAL LAND CONSERVATION FOR INTEGRATED
 RURAL DEVELOPMENT IN THE EAST, D.D.
 BAN KHUO KHUONG BAN LUU CHON BAN WANG NAM YEN
 BAN KHUO SA TON TAMBOUL LAO KRA THING TAMBOUL -
 SA NAM CHAI KHAT TAMBOUL NONG MAI KHAN AMPHOE -
 PHANG YAO CHACHENSAD PROVINCE • CS-3

LAND USE MAP

NO : 1-17

JAPAN INTERNATIONAL
 COOPERATION AGENCY



N

LAND USE MAP

AGRICULTURAL LAND CONSERVATION FOR INTEGRATED
RURAL DEVELOPMENT IN THE EAST DLD
TAMBOL NONG MAI KAEO AMPHÖE PHANG YAO
CHACHENGSAO PROVINCE • CS 4

NO. 1-18

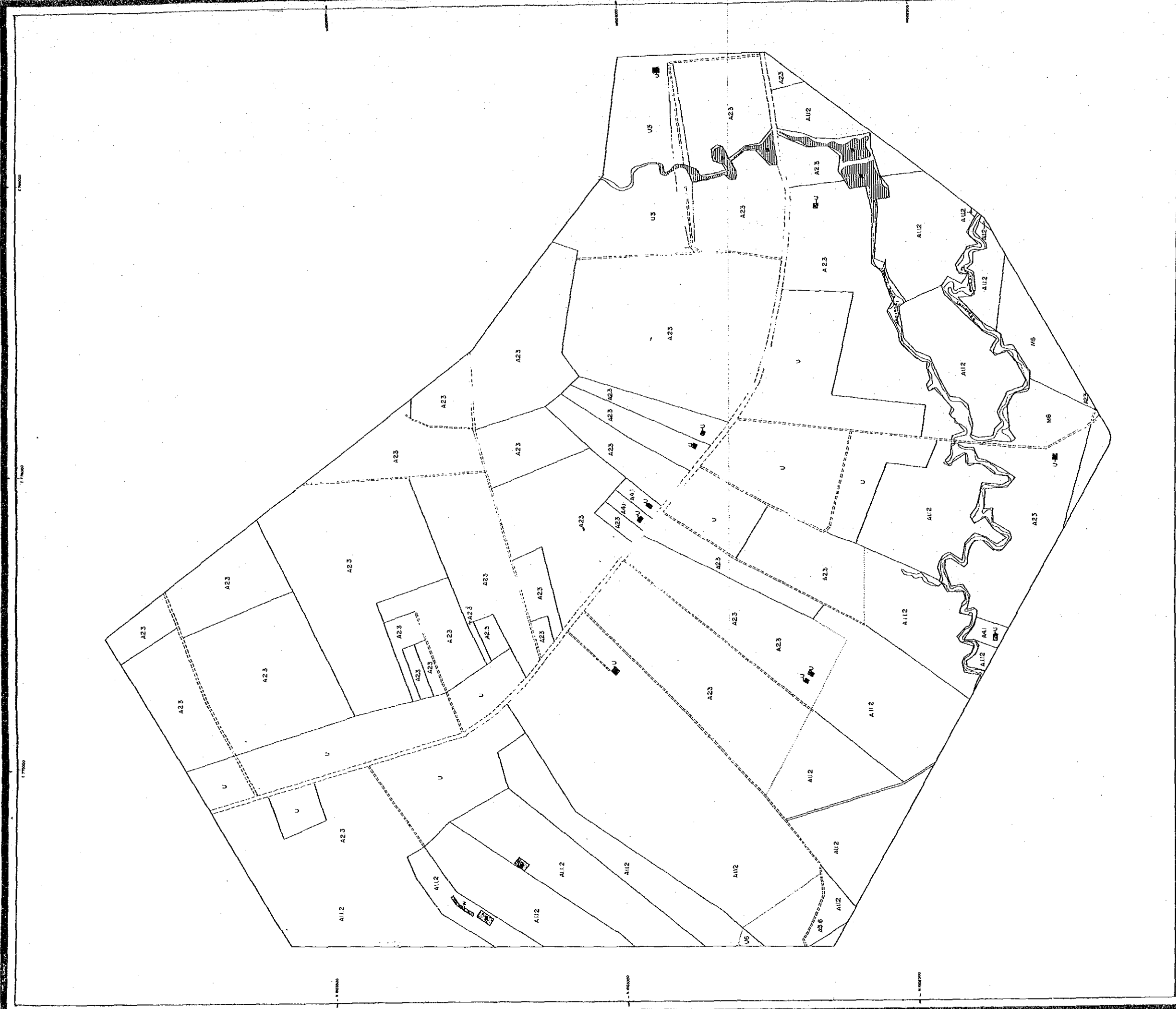
JAPAN INTERNATIONAL
COOPERATION AGENCY

CONVENTIONAL SYMBOLS

	VILLAGE
	HIGH SURFACE (TWO OR MORE LAKE WIDE)
	MID SURFACE (ONE LAKE WIDE)
	LOW SURFACE (ONE LAKE WIDE)
	TRACK AND FOOTPATH
	RIVER
	STREAM AND CREEK
	DEPRESSION
	POND
	BRICK CONCRETE
	SPOT POINT
	CONTOUR
	CONTROL POINT
	PROJECT BOUNDARY
	LAND HOLDER BOUNDARY
	LAND BOUNDARY ZONE DIVIDING

LEGEND

U	Upland	Upland
W	Water body	Water body
A 2.2	Sugarcane	Sugarcane
A 2.3	Cassava	Cassava
A 2.4	Rice paddy	Rice paddy
A 1.2	Tea plantation	Tea plantation
A 3.1	Other	Other
A 3.6	Other	Other
A 4.1	Other	Other
A 4.2	Other	Other
A 4.3	Other	Other
A 4.4	Other	Other
A 4.5	Other	Other
A 4.6	Other	Other
A 4.7	Other	Other
A 4.8	Other	Other
A 4.9	Other	Other
A 4.10	Other	Other
A 4.11	Other	Other
A 4.12	Other	Other
A 4.13	Other	Other
A 4.14	Other	Other
A 4.15	Other	Other



LAND USE MAP
CS-5

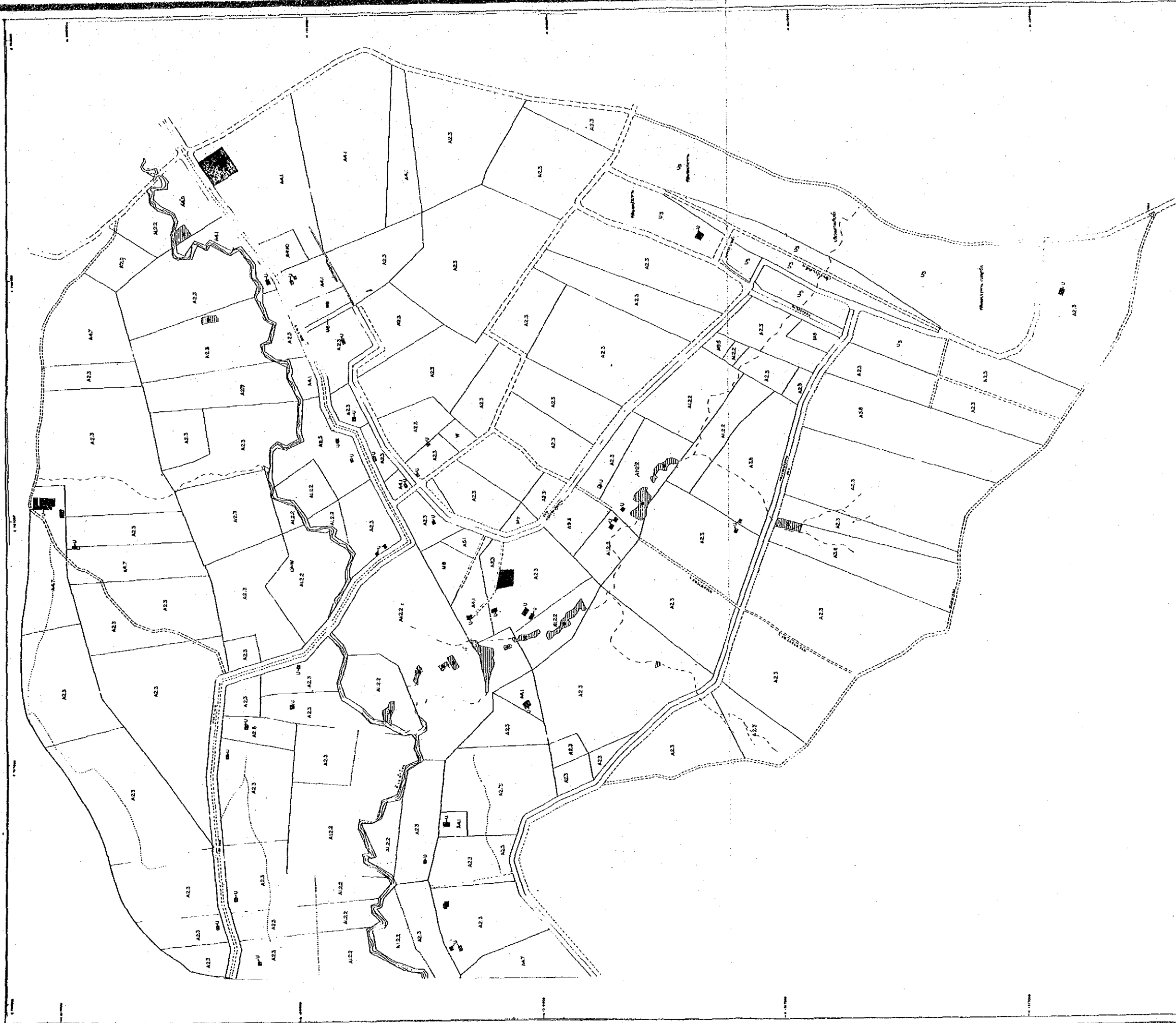
NO. 1-1-19
JAPAN INTERNATIONAL
COOPERATION AGENCY

AGRICULTURAL LAND CONSERVATION FOR INTEGRATED
RURAL DEVELOPMENT IN THE EAST, DLD
BAN PHE TEN BAN ANG TA PHANG TAMBOL KHUAY ME
AMPHOE SANAKHAI KHAT CHACHENGSAO PROVINCE

- CONVENTIONAL SYMBOLS**
- VILLAGE
 - HARD SURFACE (10m OR MORE LANE WIDTH)
 - HARD SURFACE (5m LANE WIDTH)
 - LOOSE OR SOFT SURFACE (5m LANE WIDTH)
 - TRACK AND FOOTPATH
 - RIVER
 - STREAM AND CREEK
 - DEPRESSION
 - POND
 - BRIDGE CONCRETE
 - SPOT POINT
 - CONTOUR
 - CONTROL POINT
 - PROJECT BOUNDARY
 - LAND HOLDING BOUNDARY
 - LAND USE ZONE DIVISION

- LEGEND**
- | | |
|------|-------------|
| U | Upland |
| U5 | Upland (5m) |
| U | Upland |
| A23 | Suburban |
| A112 | City |
| A56 | Other |
| A41 | Other |
| M6 | Other |

- SYMBOLS**
- ROAD
 - RIVER
 - STREAM AND CREEK
 - DEPRESSION
 - POND
 - BRIDGE CONCRETE
 - SPOT POINT
 - CONTOUR
 - CONTROL POINT
 - PROJECT BOUNDARY
 - LAND HOLDING BOUNDARY
 - LAND USE ZONE DIVISION



CONVENTIONAL SYMBOLS:

	VILLAGE
	HARD SURFACE (TWO OR MORE LANE WIDE)
	HARD SURFACE (ONE LANE WIDE)
	LOOSE OR LIGHT SURFACE (ONE LANE WIDE)
	TRACK AND FOOTPATH
	RIVER
	STREAM AND CREEK
	DEPRESSION
	POND
	GROSS CONCRETE
	SPOT POINT
	CONTOUR (FOOT)
	PROJECT BOUNDARY
	LAND USE ZONE DIVISION

LEGEND

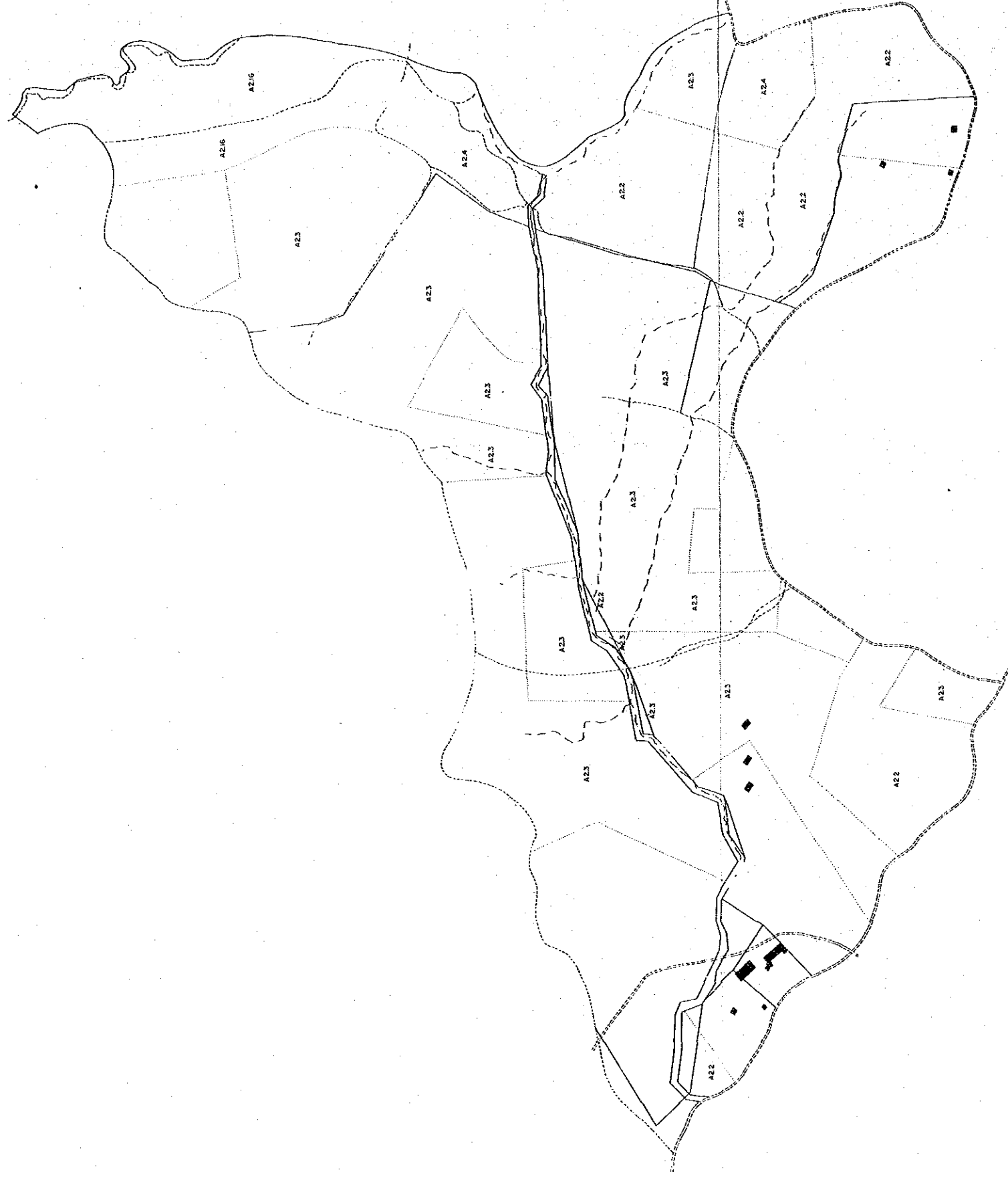
U	Urban and well-served
U ₁	Urban and well-served
U ₂	Urban and well-served
U ₃	Urban and well-served
U ₄	Urban and well-served
U ₅	Urban and well-served
U ₆	Urban and well-served
U ₇	Urban and well-served
U ₈	Urban and well-served
U ₉	Urban and well-served
U ₁₀	Urban and well-served
U ₁₁	Urban and well-served
U ₁₂	Urban and well-served
U ₁₃	Urban and well-served
U ₁₄	Urban and well-served
U ₁₅	Urban and well-served
U ₁₆	Urban and well-served
U ₁₇	Urban and well-served
U ₁₈	Urban and well-served
U ₁₉	Urban and well-served
U ₂₀	Urban and well-served
U ₂₁	Urban and well-served
U ₂₂	Urban and well-served
U ₂₃	Urban and well-served
U ₂₄	Urban and well-served
U ₂₅	Urban and well-served
U ₂₆	Urban and well-served
U ₂₇	Urban and well-served
U ₂₈	Urban and well-served
U ₂₉	Urban and well-served
U ₃₀	Urban and well-served
U ₃₁	Urban and well-served
U ₃₂	Urban and well-served
U ₃₃	Urban and well-served
U ₃₄	Urban and well-served
U ₃₅	Urban and well-served
U ₃₆	Urban and well-served
U ₃₇	Urban and well-served
U ₃₈	Urban and well-served
U ₃₉	Urban and well-served
U ₄₀	Urban and well-served
U ₄₁	Urban and well-served
U ₄₂	Urban and well-served
U ₄₃	Urban and well-served
U ₄₄	Urban and well-served
U ₄₅	Urban and well-served
U ₄₆	Urban and well-served
U ₄₇	Urban and well-served
U ₄₈	Urban and well-served
U ₄₉	Urban and well-served
U ₅₀	Urban and well-served

LEGEND

	FOREST
	WATER BODY
	CONTOUR
	ROAD
	STREAM
	POND
	SPOT POINT
	CONTOUR (FOOT)
	PROJECT BOUNDARY
	LAND USE ZONE DIVISION

AGRICULTURAL LAND CONSERVATION FOR INTEGRATED
 RURAL DEVELOPMENT IN THE EAST, DLD
 CHACHONG SAO PROVINCE • CS-8
LAND USE MAP

NO. 1-20
 JAPAN INTERNATIONAL
 COOPERATION AGENCY



- Agri/land**
- Rice
 - Dry Field
 - Irrigated Field
 - Forest
 - Rubber
 - Coconut
 - Other

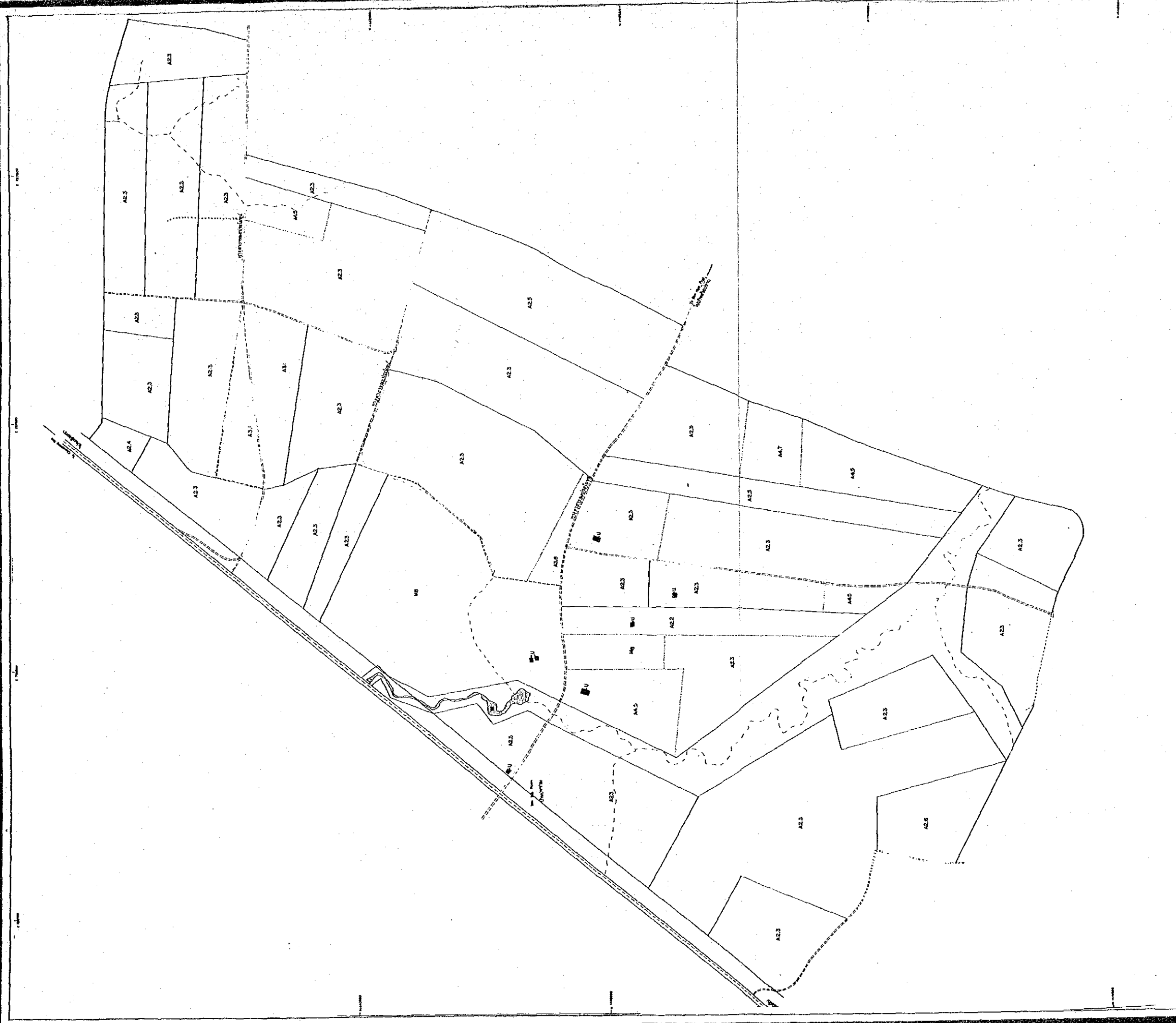
- CONVENTIONAL SYMBOLS**
- Village
 - Hard Surface (Two or More Lane Wide)
 - Hard Surface (One Lane Wide)
 - Loose or Light Surface (One Lane Wide)
 - Thick and Forested
 - River
 - Stream and Creek
 - Embankment
 - Pond
 - Gross Concrete
 - Spot Point
 - Contour
 - Control Point
 - Project Boundary
 - Land Use Boundary

- LEGEND**
- U
 - A2.2
 - A2.3
 - A2.4
 - A2.16
- Urban and land use
Other
Other
Other
Other



SPHEROID Everest
 GRID UTM
 PROJECTION Transverse Mercator
 VERTICAL DATUM Mean Sea Level at Ho Lak
 HORIZONTAL DATUM Indian Datum
 CONTROL BY

AGRICULTURAL LAND CONSERVATION FOR INTEGRATED
 RURAL DEVELOPMENT IN THE EAST, DLD
 TAMBOL BANGPHRA AMPHOE SRIRACHA
 CHONBURI PROVINCE • CN-1
LAND USE MAP
 NO. 1-21 JAPAN INTERNATIONAL
 COOPERATION AGENCY



- VILLAGE
- ROAD SURFACE (TWO OR MORE LANE WIDE)
- ROAD SURFACE (ONE LANE WIDE)
- LOOSE OR LIGHT SURFACE (ONE LANE WIDE)
- TRACK AND FOOTPATH
- TRENCH
- STREAM AND CREEK
- IRRIGATION
- CANAL
- POND
- BRICK CONCRETE
- SPOT POINT
- CONTOUR
- CONTROL POINT
- PROJECT BOUNDARY
- LAND USE ZONE OUTER

- CONVENTIONAL SYMBOLS**
- VILLAGE
 - ROAD SURFACE (TWO OR MORE LANE WIDE)
 - ROAD SURFACE (ONE LANE WIDE)
 - LOOSE OR LIGHT SURFACE (ONE LANE WIDE)
 - TRACK AND FOOTPATH
 - TRENCH
 - STREAM AND CREEK
 - IRRIGATION
 - CANAL
 - POND
 - BRICK CONCRETE
 - SPOT POINT
 - CONTOUR
 - CONTROL POINT
 - PROJECT BOUNDARY
 - LAND USE ZONE OUTER

- LEGEND**
- | | | | |
|------|-------|-------|-------|
| U | Water | Water | Water |
| W | Other | Other | Other |
| A2.2 | Other | Other | Other |
| A2.3 | Other | Other | Other |
| A2.4 | Other | Other | Other |
| A2.5 | Other | Other | Other |
| A2.6 | Other | Other | Other |
| A3.1 | Other | Other | Other |
| A3.2 | Other | Other | Other |
| A3.3 | Other | Other | Other |
| A3.4 | Other | Other | Other |
| A3.5 | Other | Other | Other |
| A3.6 | Other | Other | Other |
| A3.7 | Other | Other | Other |
| A3.8 | Other | Other | Other |
| A3.9 | Other | Other | Other |
| A4.0 | Other | Other | Other |
| A4.1 | Other | Other | Other |
| A4.2 | Other | Other | Other |
| A4.3 | Other | Other | Other |
| A4.4 | Other | Other | Other |
| A4.5 | Other | Other | Other |
| A4.6 | Other | Other | Other |
| A4.7 | Other | Other | Other |



SPHEROID: Everest
 GRID: UTM
 PROJECTION: Transverse Mercator
 MERIDIAN DATUM: Mean Sea Level at 10 Lam
 HORIZONTAL DATUM: Indian Datum
 CONTROL BY:

AGRICULTURAL LAND CONSERVATION FOR INTEGRATED
 RURAL DEVELOPMENT IN THE EAST, DLD
 BAN PAK RUAM, TAMBOL BO WIN, AMPHOE SRBACHA
 CHONBURI PROVINCE • CH - 2
LAND USE MAP
 NO. 1-22
 JAPAN INTERNATIONAL
 COOPERATION AGENCY



CONVENTIONAL SYMBOLS

	VILLAGE
	HARD SURFACE (TWO OR MORE LANE WIDE)
	HARD SURFACE (ONE LANE WIDE)
	LOOSE OR LIGHT SURFACE (ONE LANE WIDE)
	TRACK AND FOOTPATH
	RIVER
	STREAM AND CREEK
	DEPRESSION
	POND
	BRICK CONCRETE
	SPOT POINT
	CONTOUR
	CONTROL POINT
	PROJECT STATION
	LAND HOLDING BOUNDARY
	LAND USE ZONE DIVISION

LEGEND

A2.3	Subfields	Green
A2.5	Subfields	Green
A4.5	Subfields	Green
A4.6	Subfields	Green
M6	Subfields	Green

SPHEROID Everest
 GRID UTM
 PROJECTION Transverse Mercator
 VERTICAL DATUM Mean Sea Level at 10 Lak
 HORIZONTAL DATUM Indian Datum
 CONTROL BY



AGRICULTURAL LAND CONSERVATION FOR INTEGRATED
 RURAL DEVELOPMENT IN THE EAST. DLD
 BAN CHAK HEALD, TAMBOL HUI YALAMPHE BANSLAMBANG
 CHONBURI PROVINCE • CN-4
LAND USE MAP
 NO. 1-23
 JAPAN INTERNATIONAL
 COOPERATION AGENCY

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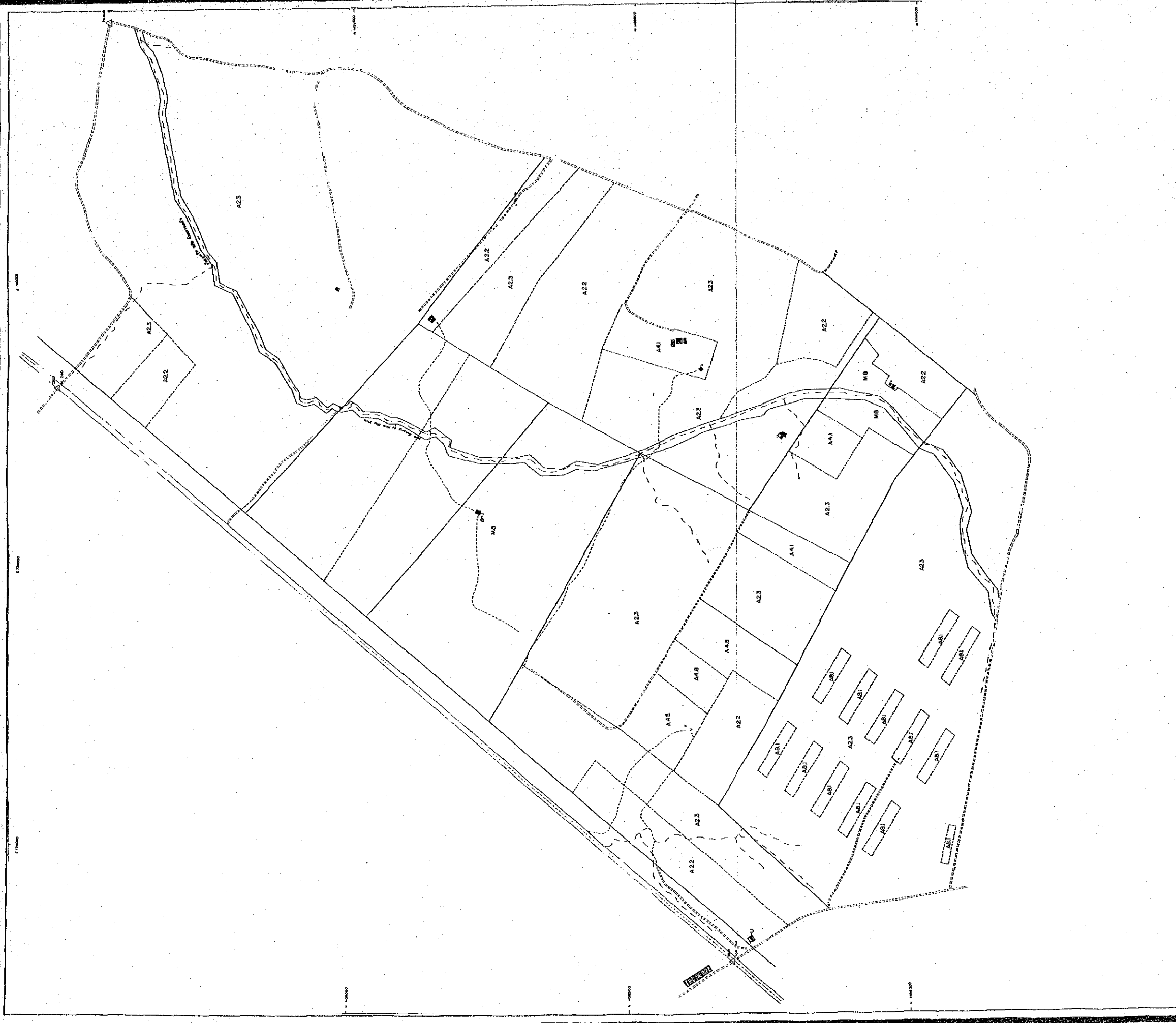
1100000

1100000

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N

CONTOUR INTERVAL METERS

ELEVATION UTM

PROJECTION TRANSVERSE MERCATOR

VERTICAL DATUM MEAN SEA LEVEL AT SO LAM

HORIZONTAL DATUM INDIAN DATUM

CONTROL #

AGRICULTURAL LAND CONSERVATION FOR INTEGRATED
RURAL DEVELOPMENT IN THE EAST, OLD
TAMBOL KHLONG KIU AMPHOE BAN BUNG
CHONGBURI PROVINCE • CN - 8
LAND USE MAP
NO. 1-24
JAPAN INTERNATIONAL
COOPERATION AGENCY

LEGEND

U	Upland	พื้นที่สูง
W	Wetland	พื้นที่น้ำ
A22	Subsistence	ปลูกข้าว
A23	Subsistence	ปลูกข้าว
A41	Subsistence	ปลูกข้าว
A45	Subsistence	ปลูกข้าว
A48	Subsistence	ปลูกข้าว
A49	Subsistence	ปลูกข้าว
M6	Subsistence	ปลูกข้าว

CONVENTIONAL SYMBOLS

▬	VILLAGE	หมู่บ้าน
▬	ROAD SURFACE (TWO OR MORE LANE WIDE)	ถนน
▬	ROAD SURFACE (ONE LANE WIDE)	ถนน
▬	TRAIL AND FOOTPATH	ทางเดิน
▬	STREAM AND DRAIN	ลำน้ำ
▬	DEPRESSION	แอ่งน้ำ
▬	PIED	เนิน
▬	SHOT HOLE	หลุมยิง
▬	CONTROL POINT	จุดควบคุม
▬	PROJECT BOUNDARY	เขตโครงการ
▬	LAND HOLDING	ที่ดิน
▬	LAND USE ZONE DIVISION	เขตการใช้ที่ดิน

E 714000 E 715000 E 716000



CONVENTIONAL SYMBOLS

	VILLAGE
	HARD SURFACE (TWO OR MORE LANE WIDE)
	LOOSE OR LIGHT SURFACE (ONE LANE WIDE)
	TRACK AND FOOTPATH
	STREAM AND CREEK
	DEPRESSION
	POND
	SPOT HEIGHT
	CONTOUR
	CONTROL POINT
	PROJECT BOUNDARY
	LAND HOLDING MAP
	LAND USE ZONE

LEGEND

	Village	1:1000
	Hard Surface	1:1000
	Loose or Light Surface	1:1000
	Track and Footpath	1:1000
	Stream and Creek	1:1000
	Depression	1:1000
	Pond	1:1000
	Spot Height	1:1000
	Contour	1:1000
	Control Point	1:1000
	Project Boundary	1:1000
	Land Holding Map	1:1000
	Land Use Zone	1:1000

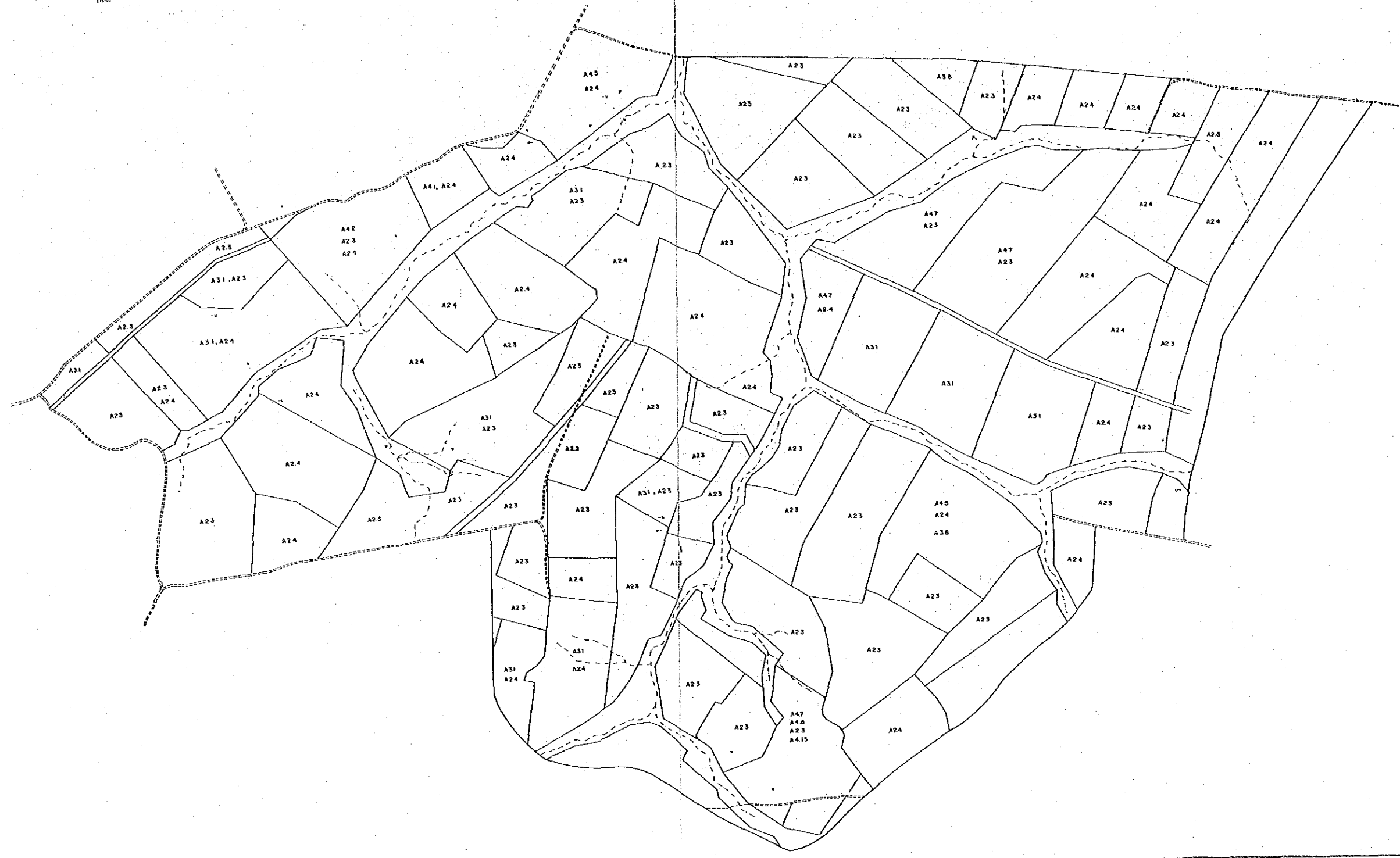


PHOTO: _____ DATE: _____
 PROJECTION: UTM
 VERTICAL DATUM: TRANSFORMATION
 HORIZONTAL DATUM: MEAN SEA LEVEL AT LAK
 CONTROL PT: IRRAWADDI

AGRICULTURAL LAND CONSERVATION FOR INTEGRATED
 RURAL DEVELOPMENT IN THE EAST, DLD
 TAMBOL NONG E RIN, AMPHOE BAN BANG
 CHANGSAI PROVINCE • CN-9
LAND USE MAP

NO: 1-25

JAPAN INTERNATIONAL
COOPERATION AGENCY



CONVENTIONAL SYMBOLS

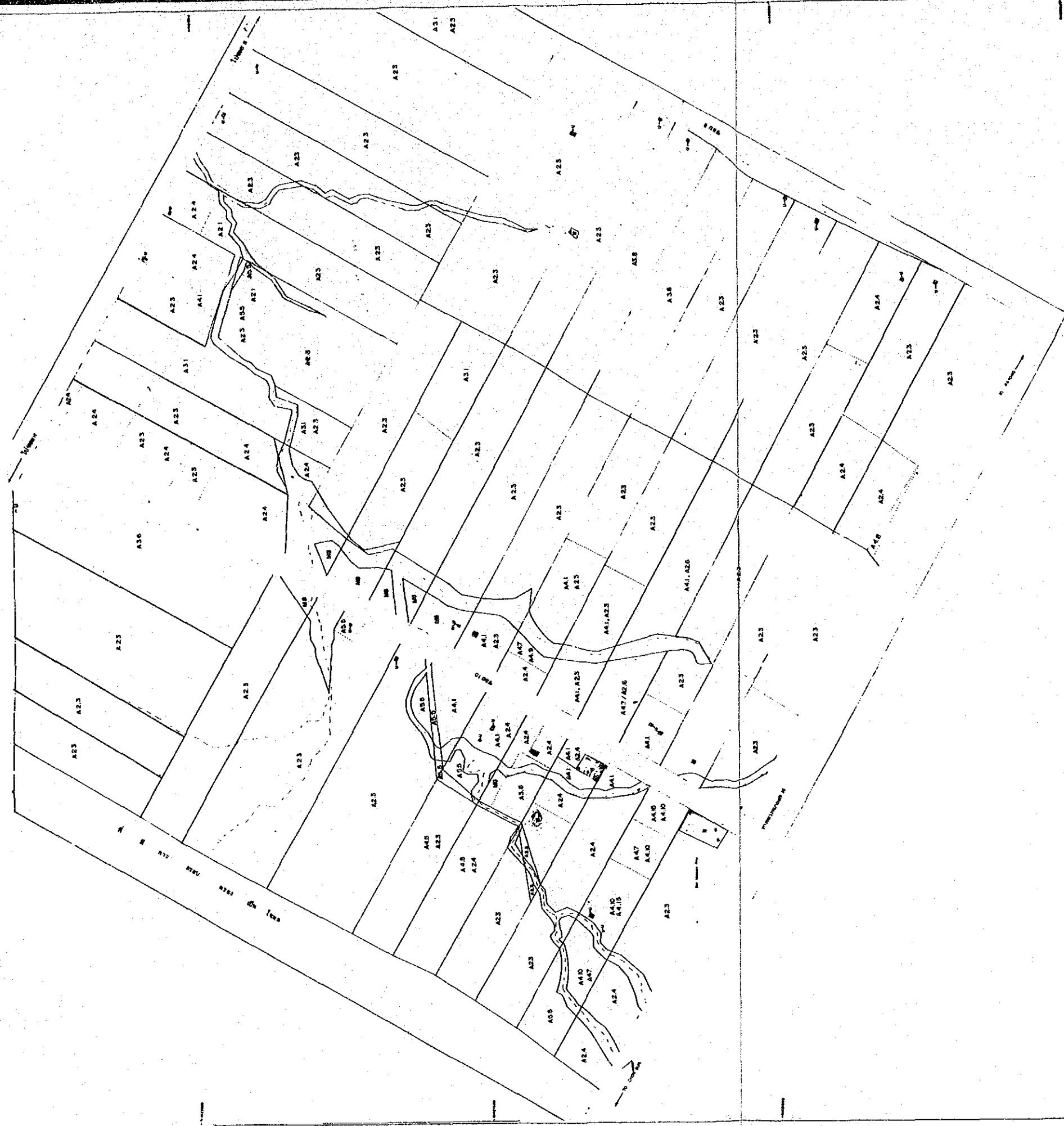
	หมู่บ้าน	VILLAGE
	พื้นที่ว่าง	LOOSE OR LIGHT SURFACE (ONE LANE WIDE)
	ทางเดิน	TRACK AND FOOTPATH
	ลำน้ำ	STREAM AND CREEK
	บึง	POND
	จุดวัด	SPOT HEIGHT
	เส้นระดับ	CONTOUR
	จุดควบคุม	CONTROL POINT
	เขตโครงการ	PROJECT BOUNDARY
	ที่ดิน	LAND HOLDING
	เขตการใช้ที่ดิน	LAND USE ZONE DIVISION

LEGEND

U	พื้นที่ว่าง	Open and built-up land
W	พื้นที่น้ำ	Water body
A23	พื้นที่นา	Coarse
A24	พื้นที่นา	Fine rice
A31	พื้นที่นา	Flax
A33	พื้นที่นา	Others
A41	พื้นที่นา	Wood orchard
A45	พื้นที่นา	Coconut
A47	พื้นที่นา	Rubber
A48	พื้นที่นา	Others

SPHEROID: Everest
 GRID: UTM
 PROJECTION: TRANSVERSE MERCATOR
 VERTICAL DATUM: MEAN SEA LEVEL AT PD LAK
 HORIZONTAL DATUM: PD LAK
 CONTROL BY:

AGRICULTURAL LAND CONSERVATION FOR INTEGRATED
 RURAL DEVELOPMENT IN THE EAST, DLD
 BAN KHAD KRAPONG TAMBOL PA YUP
 KING AMPHOE WANG CHAN RAYONG PROVINCE - 1
LAND USE MAP
 NO: 1-26
 JAPAN INTERNATIONAL
 COOPERATION AGENCY



CONVENTIONAL SYMBOLS

	YELLOW
	WIDE DOUBLE (TWO OR MORE LANE WIDE)
	NARROW DOUBLE (ONE LANE WIDE)
	LOOSE OR LIGHT BARRAGE (ONE LANE WIDE)
	TRUCK AND FOOTWAY
	RIVER
	STREAM AND CREEK
	POOD
	BRICK CONCRETE
	SPOT POINT
	CONTROL POINT
	PROJECT BOUNDARY
	LAND HOLDING BOUNDARY
	LAND USE ZONE BOUNDARY

CONVENTIONAL SYMBOLS

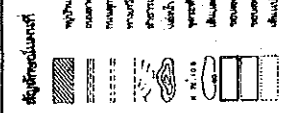
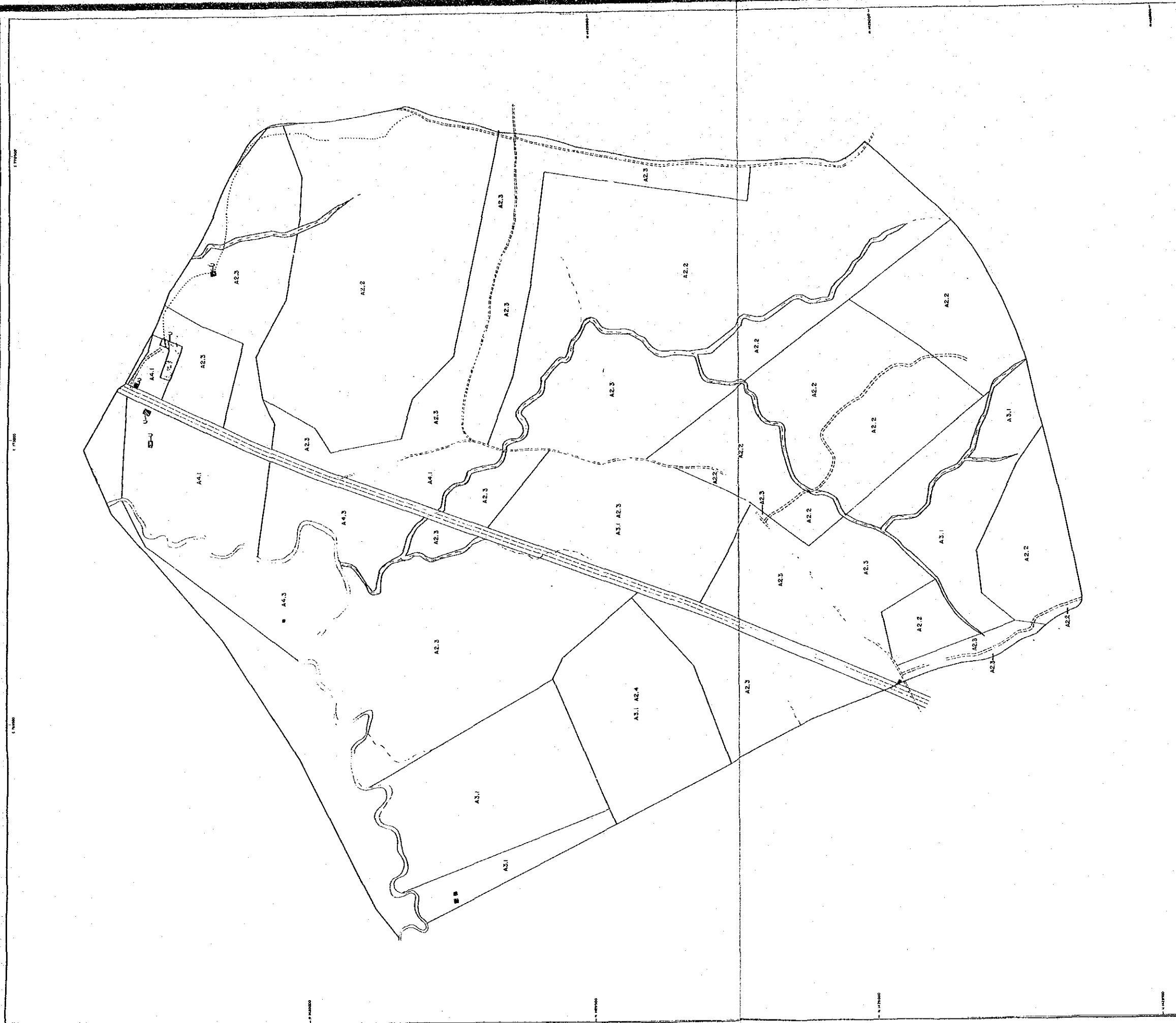
	YELLOW
	WIDE DOUBLE (TWO OR MORE LANE WIDE)
	NARROW DOUBLE (ONE LANE WIDE)
	LOOSE OR LIGHT BARRAGE (ONE LANE WIDE)
	TRUCK AND FOOTWAY
	RIVER
	STREAM AND CREEK
	POOD
	BRICK CONCRETE
	SPOT POINT
	CONTROL POINT
	PROJECT BOUNDARY
	LAND HOLDING BOUNDARY
	LAND USE ZONE BOUNDARY

LEGEN

U	Urban and built-up area
W	Water body
A21	Arable
A22	Arable
A23	Arable
A24	Arable
A25	Arable
A26	Arable
A27	Arable
A28	Arable
A29	Arable
A30	Arable
A31	Arable
A32	Arable
A33	Arable
A34	Arable
A35	Arable
A36	Arable
A37	Arable
A38	Arable
A39	Arable
A40	Arable
A41	Arable
A42	Arable
A43	Arable
A44	Arable
A45	Arable
A46	Arable
A47	Arable
A48	Arable
A49	Arable
A50	Arable
A51	Arable
A52	Arable
A53	Arable
A54	Arable
A55	Arable
A56	Arable
A57	Arable
A58	Arable
A59	Arable
A60	Arable
A61	Arable
A62	Arable
A63	Arable
A64	Arable
A65	Arable
A66	Arable
A67	Arable
A68	Arable
A69	Arable
A70	Arable
A71	Arable
A72	Arable
A73	Arable
A74	Arable
A75	Arable
A76	Arable
A77	Arable
A78	Arable
A79	Arable
A80	Arable
A81	Arable
A82	Arable
A83	Arable
A84	Arable
A85	Arable
A86	Arable
A87	Arable
A88	Arable
A89	Arable
A90	Arable
A91	Arable
A92	Arable
A93	Arable
A94	Arable
A95	Arable
A96	Arable
A97	Arable
A98	Arable
A99	Arable
A100	Arable

SPHEROID UTM
 DATUM UTM
 PROJECTION TRANSVERSE MERCATOR
 VERTICAL DATUM MEAN SEA LEVEL AT HO LAK
 HORIZONTAL DATUM INDOAN DATUM
 Contour: 1m

AGRICULTURAL LAND CONSERVATION FOR INTEGRATED
 RURAL DEVELOPMENT IN THE EAST DLD
 BAN MACHAM DU BAN NONG MA TAMBOL PHANANGKON
 AMPHIE BAN 1041, RAYONG PROVINCE • RY-2
LAND USE MAP
 NO: 1-27
 JAPAN INTERNATIONAL
 COOPERATION AGENCY



CONVENTIONAL SYMBOLS

1. VOLUME
 2. HARD SURFACE (TWO OR MORE LANE HIGH)
 3. LOOSE OR LIGHT SURFACE (ONE LANE HIGH)
 4. TRACK AND FOOTPATH
 5. STREAM AND CREEK
 6. DIMENSION
 7. SPOT POINT
 8. CONTROL
 9. PROJECT BOUNDARY
 10. LAND HOLDING BOUNDARY
 11. LAND USE ZONE DIVISION

LEGEND

U. Agricultural
 A2.2 Rice
 A2.3 Rubber
 A3.1 Rubber
 A3.2 Rubber
 A4.1 Rubber
 A4.3 Rubber

Urban and built-up area
 Open area
 Garden
 Paved area
 Water stream
 Ditch

SYMBOLS
 GRID
 PROJECTION
 VERTICAL DATUM
 HORIZONTAL DATUM
 CONTROL PT.

UTM
 TRANSVERSE MERCATOR
 MEAN SEA LEVEL AT 40 LAT
 INDAN DATUM

AGRICULTURAL LAND CONSERVATION FOR INTEGRATED
 RURAL DEVELOPMENT IN THE EAST DLD
 BAN KHUAT TA IN TAMBOL CHUM SANG
 KING AMPHOE WANG CHAN, RAYONG PROVINCE, RY-3

LAND USE MAP

NO. 1-28
 JAPAN INTERNATIONAL
 COOPERATION AGENCY



สัญลักษณ์

	หมู่บ้าน
	ถนน
	ลำน้ำ
	ลำน้ำลำธาร
	แอ่งน้ำ
	บึง
	สะพาน
	จุดวัด
	เส้น等高
	จุดควบคุม
	เขตโครงการ
	เขตที่ดิน
	เขตการใช้ที่ดิน

CONVENTIONAL SYMBOLS

VILLAGE
HARD SURFACE (TWO OR MORE LANE WIDE)
HARD SURFACE (ONE LANE WIDE)
LOOSE OR LIGHT SURFACE (ONE LANE WIDE)
TRACK AND FOOTPATH
RIVER
STREAM AND CREEK
DEPRESSION
POND
BRIDGE CONCRETE
SPOT POINT
CONTOUR
CONTROL POINT
PROJECT BOUNDARY
LAND HOLDING BOUNDARY
LAND USE ZONE DIVISION

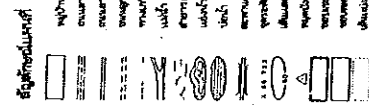
LEGEND

u	บ้านและสวน	Village and built
w	ลำน้ำลำธาร	Water body
A12	เขตป่าอนุรักษ์	Designated public land
A22	ไร่	Sugar cane
A23	สวนผลไม้	Coffee
A24	สวนยาง	Rubber
A31	สวนปาล์ม	Other
A41	สวนปาล์ม	Other
M8	อื่น ๆ	Other

N

SPHEROID EVEREST
 GRID UTM
 PROJECTION TRANSVERSE MERCATOR
 VERTICAL DATUM MEAN SEA LEVEL AT PD LAK
 HORIZONTAL DATUM INDIAN DATUM
 CONTROL BY

AGRICULTURAL LAND CONSERVATION FOR INTEGRATED
 RURAL DEVELOPMENT IN THE EAST, DLD
 BAN KHAO KRA PHONG TAMBOL PA YUB
 KING AMPHOE WANG CHAN RAYONG PROVINCE-RY-5
LAND USE MAP
 NO: 1-29
 JAPAN INTERNATIONAL
 COOPERATION AGENCY



CONVENTIONAL SYMBOLS

- VILLAGE
- ROAD SURFACE (1700 OR MORE LANE WIDE)
- ROAD SURFACE (1000 LANE WIDE)
- LOSS OF ROAD SURFACE (ONE LANE WIDE)
- TRACK AND FOOTPATH
- RIVER
- STREAM AND CREEK
- DEPRESSION
- BRIDGE
- BRIDGE CONCRETE
- SPOT POINT
- CONTOUR
- CONTROL POINT
- VISIBILITY BOUNDARY
- LAND HOLDING BOUNDARY
- LAND USE ZONE DIVIDER

LEGEND

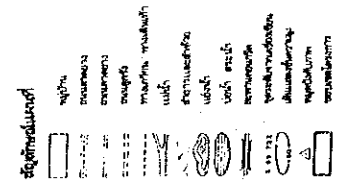
- U
- W
- A2.3
- A2.4
- A2.5
- A4.1
- A4.2
- A4.3
- A4.4
- A4.5
- A4.6
- A4.7
- A4.8
- A4.9
- A4.10
- A4.11
- A4.12
- A4.13
- A4.14
- A4.15
- A4.16
- A4.17
- A4.18
- A4.19
- A4.20
- A4.21
- A4.22
- A4.23
- A4.24
- A4.25
- A4.26
- A4.27
- A4.28
- A4.29
- A4.30
- A4.31
- A4.32
- A4.33
- A4.34
- A4.35
- A4.36
- A4.37
- A4.38
- A4.39
- A4.40
- A4.41
- A4.42
- A4.43
- A4.44
- A4.45
- A4.46
- A4.47
- A4.48
- A4.49
- A4.50
- A4.51
- A4.52
- A4.53
- A4.54
- A4.55
- A4.56
- A4.57
- A4.58
- A4.59
- A4.60
- A4.61
- A4.62
- A4.63
- A4.64
- A4.65
- A4.66
- A4.67
- A4.68
- A4.69
- A4.70
- A4.71
- A4.72
- A4.73
- A4.74
- A4.75
- A4.76
- A4.77
- A4.78
- A4.79
- A4.80
- A4.81
- A4.82
- A4.83
- A4.84
- A4.85
- A4.86
- A4.87
- A4.88
- A4.89
- A4.90
- A4.91
- A4.92
- A4.93
- A4.94
- A4.95
- A4.96
- A4.97
- A4.98
- A4.99
- A4.100



SPHEROID
PROJ.
PROJ.
VERTICAL DATUM
HORIZONTAL DATUM
CONTROL PT.

AGRICULTURAL LAND CONSERVATION FOR INTEGRATED
RURAL DEVELOPMENT IN THE EAST OLD
BAN WANSTAIN TOMBOL PULAKDANG
AMPHOE PULAKDANG RAYONG PROVINCE • RY-7
LAND USE MAP

NO 1-30
JAPAN INTERNATIONAL
COOPERATION AGENCY



CONVENTIONAL SYMBOLS

ROAD SURFACE (TWO OR MORE LANE WIDE)
ROAD SURFACE (ONE LANE WIDE)
ROAD ON LOT SURFACE (ONE LANE WIDE)
TRUCK AND FOOTPATH
RIVER
STREAM AND CREEK
DRAINAGE
POND
BRICK CONCRETE
SPOT POINT
CONTOUR POINT
PROJECT BOUNDARY

LEGEND

U Agriculture
W Water body
A23 Agricultural
A24 Agricultural
A31 (S) (S) (S)
A41 (S) (S) (S)
A43 (S) (S) (S)
A44 (S) (S) (S)
A45 (S) (S) (S)
A46 (S) (S) (S)
A47 (S) (S) (S)
A48 (S) (S) (S)
A49 (S) (S) (S)
A50 (S) (S) (S)
A51 (S) (S) (S)
A52 (S) (S) (S)
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A95 (S) (S) (S)
A96 (S) (S) (S)
A97 (S) (S) (S)
A98 (S) (S) (S)
A99 (S) (S) (S)
A100 (S) (S) (S)

SHPAD0
GRID
PROJECTION
VERTICAL DATUM
HORIZONTAL DATUM
CONTROL BY

EVEREST
UTM
TRANSVERSE MERCATOR
NAD 56
INDIAN DATUM

AGRICULTURAL LAND CONSERVATION FOR INTEGRATED RURAL DEVELOPMENT IN THE EAST, OLD BAN WANG PLA BAN PHRANG NA PHA TAMBOL THUNG BAN JA AMPHOE THA MAI CHANTHABURI PROVINCE • CT-2

LAND USE MAP

NO 1-31

JAPAN INTERNATIONAL COOPERATION AGENCY



- สัญลักษณ์**
- หมู่บ้าน
 - ถนนผิวแข็ง (สองเลนขึ้นไป)
 - ถนนผิวแข็ง (เลนเดียว)
 - ถนนผิวอ่อน (เลนเดียว)
 - ทางเท้าและทางรถจักรยานยนต์
 - แม่น้ำ
 - ลำน้ำ
 - หนอง
 - บึง
 - อิฐ
 - จุดวัด
 - เส้น等高
 - จุดควบคุม
 - ขอบเขตโครงการ
 - ขอบเขตที่ดิน
 - ขอบเขตการใช้ที่ดิน

- CONVENTIONAL SYMBOLS**
- VILLAGE
 - HARD SURFACE (TWO OR MORE LANE WIDE)
 - HARD SURFACE (ONE LANE WIDE)
 - LOOSE OR LIGHT SURFACE (ONE LANE WIDE)
 - TRACK AND FOOTPATH
 - RIVER
 - STREAM AND CREEK
 - DEPRESSION
 - POND
 - BRICK CONCRETE
 - SHOT POINT
 - CONTOUR
 - CONTROL POINT
 - PROJECT BOUNDARY
 - LAND HOLDING BOUNDARY
 - LAND USE ZONE DIVIDING

LEGEND

- | | | |
|------|------------------|-------------------------|
| U | พื้นที่อยู่อาศัย | Urban and built-up land |
| U3 | พื้นที่ราชการ | Institutional land |
| W | น้ำ | Water body |
| A111 | นาปรัง | Irrigated paddy field |
| A2.3 | ทุเรียน | Durian |
| A2.4 | มะพร้าว | Coconut |
| A3.1 | ยาง | Rubber |
| A4.1 | ผลไม้ | Mixed orchards |
| A4.3 | ทุเรียน | Durian |
| A4.4 | มะพร้าว | Coconut |
| A4.5 | กาแฟ | Coffee |
| A5.4 | พริก | Pepper |
| A5.5 | อื่น ๆ | Others |
| F3 | ป่า | Forest plantation |
| M8.1 | ที่ดินของรัฐ | Government land |
| M8.2 | ที่ดินของรัฐ | Government land |

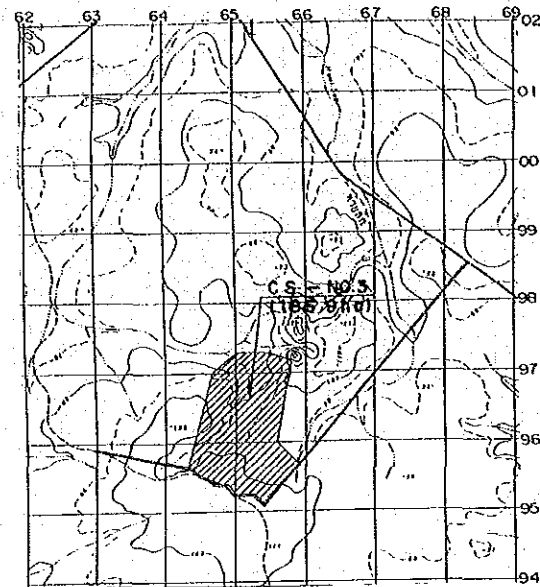


SPHEROID EVEREST
 GRID UTM
 PROJECTION TRANSVERSE MERCATOR
 VERTICAL DATUM MEAN SEA LEVEL AT HO LAC
 HORIZONTAL DATUM SIEM REAP DATUM
 CONTROL BY

AGRICULTURAL LAND CONSERVATION FOR INTEGRATED
 RURAL DEVELOPMENT IN THE EAST, OLD
 BAN TA PHONG TAMBOL THUNG BENJA
 AMPHOE THA MAI CHANTHABURI PROVINCE • CT - 3
LAND USE MAP

NO : 1-32

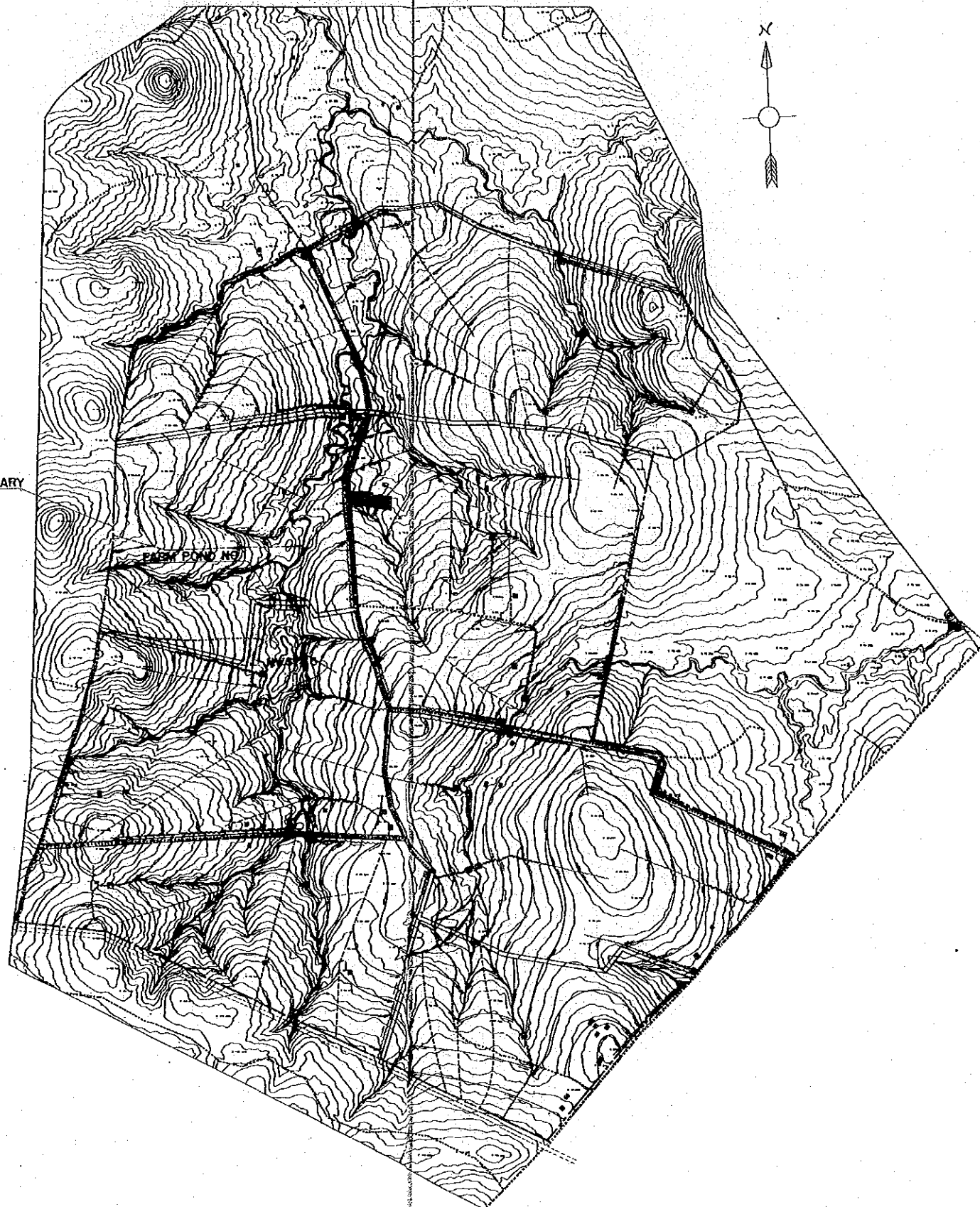
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LOCATION MAP
SCALE 1:50,000

GENERAL PLAN FOR CS-NO.3 PILOT AREA (PLAN III)

SCALE: 1:5,000

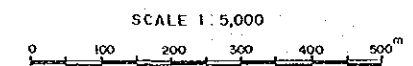


PROJECT BOUNDARY

LEGEND

- PROJECT BOUNDARY
- FARM POND
- WEIR
- FARM ROAD
- GRASS WATER WAY
- MASONRY WATER WAY
- SEDIMENT TRAP
- FLOW DIRECTION
- WATERSHED BOUNDARY
- CANAL CROSSING (CONCRETE PAVEMENT)
- IRRIGATION PIPE
- CHECK DAM
- GRADED TERRACE

PROJECT FEATURE	
ITEM	DESCRIPTION
(1) NAME OF PROJECT	CS - NO. 3
(2) LOCATION	CHACHOENGSAO SANAMCHAIKATE LAT KRA TING B. KHUN KLANG B. LUM TONG
(3) PLAN	II
(4) AREA (ha)	
- PROJECT AREA	186.9
- CULTIVABLE AREA	164.8
- IRRIGABLE AREA	1.5
(5) MAJOR FACILITIES	
a) GRADED TERRACE (m)	31,190
b) COLLECTING DITCH (m)	7,010
c) SEDIMENT TRAP (P#)	46
d) CHECK DAM (P#)	4
e) FARM ROAD (m)	6,550
f) FARM POND	
- NUMBER OF POND	1
- TOTAL STORAGE (m ³)	11,200



AGRICULTURAL LAND CONSERVATION FOR INTEGRATED
RURAL DEVELOPMENT IN THE EAST, DLD
CS-NO.3 PILOT AREA

GENERAL PLAN

NO 1-33

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