

DRAWINGS

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<C.S.F. & H.S.F.>

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<S.P.C.>

(Site Plan of S.P.C.)

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(Typical Facilities of S.P.C.)

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<Central Cold Storage>

Serial No.	Item	Drawing No.
1	General Plan of Jakarta Central Cold Storage	JCS-001

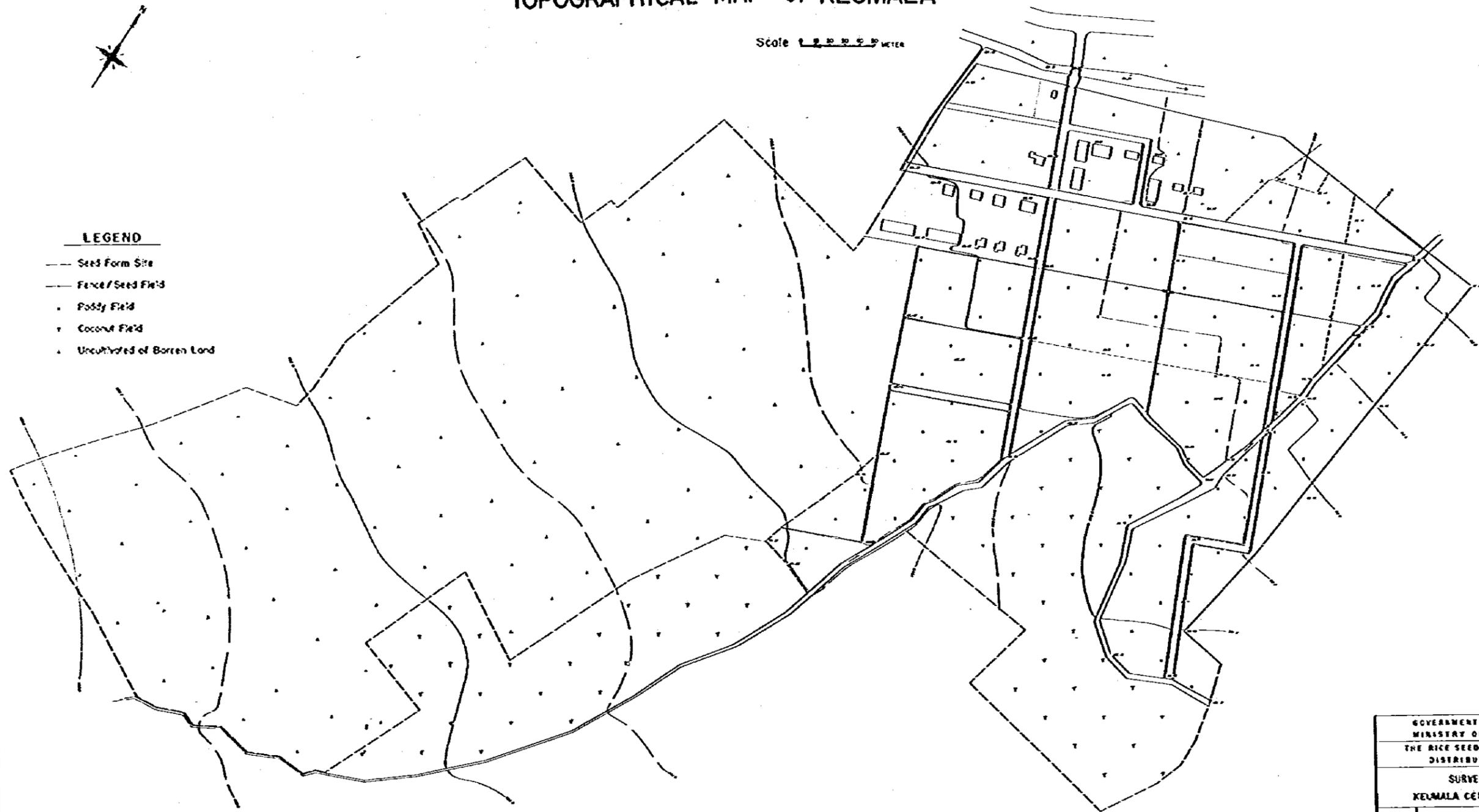
TOPOGRAPHICAL MAP of KEUMALA

Scale 1:2000 METERS



LEGEND

- Seed Farm Site
- Fence/Seed Field
- Paddy Field
- Coconut Field
- Uncultivated or Barren Land



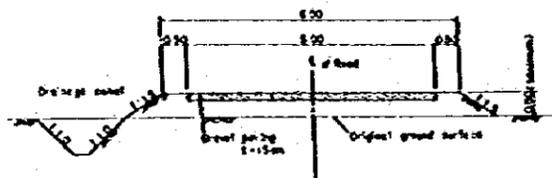
GOVERNMENT OF INDONESIA			
MINISTRY OF AGRICULTURE			
THE RICE SEED PRODUCTION AND DISTRIBUTION PROJECT			
SURVEY MAP OF			
KEUMALA CENTRAL SEED FARM			
DATE	JAN 1982	ENG. NO.	KE-101
JAPAN INTERNATIONAL COOPERATION AGENCY			

GENERAL PLAN of KEUMALA

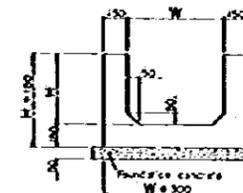
Scale 1:2000 METERS



TYPICAL SECTION OF TRUNK ROAD



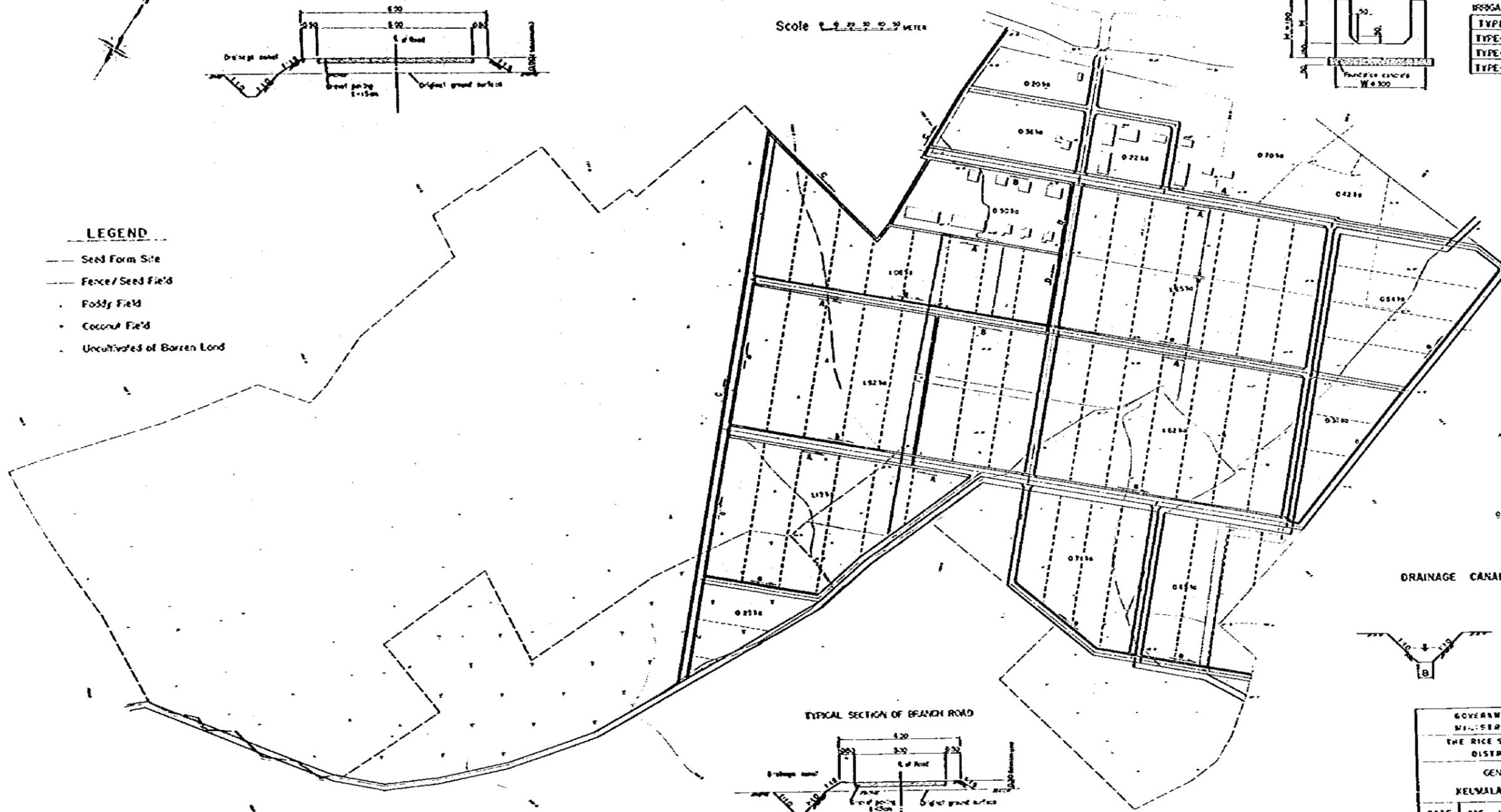
IRRIGATION CANAL



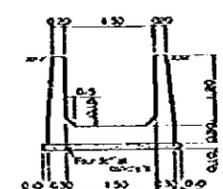
TYPE	W	H
TYPE-a	300	250
TYPE-b	400	350
TYPE-c	500	450

LEGEND

- Seed Farm Site
- Fence/Seed Field
- Foddy Field
- Coconut Field
- Uncultivated or Barren Land



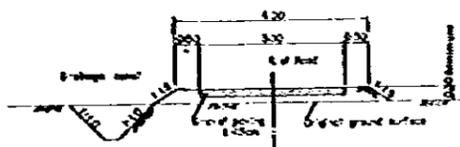
Drainage channel SCALE 1:500



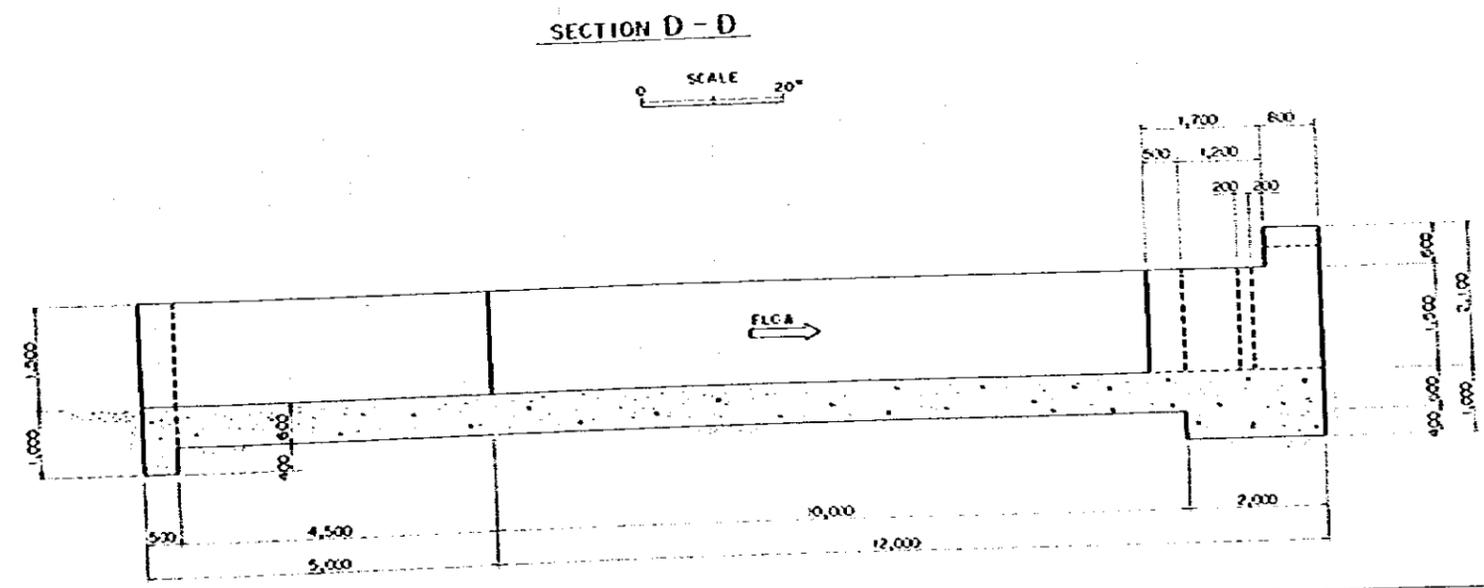
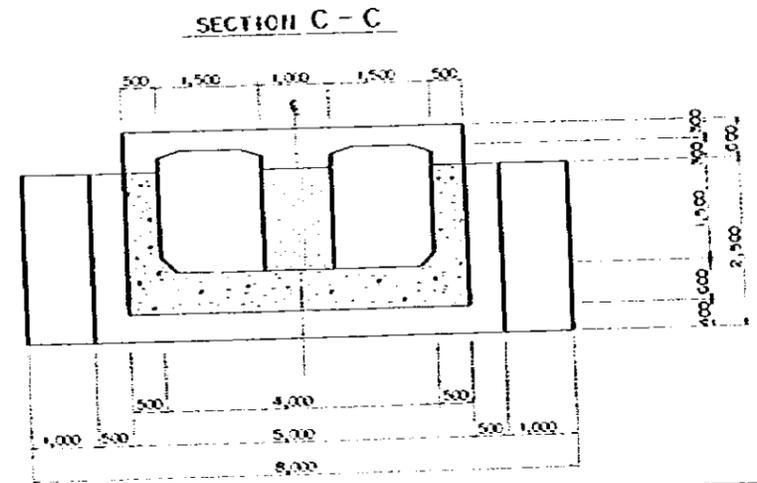
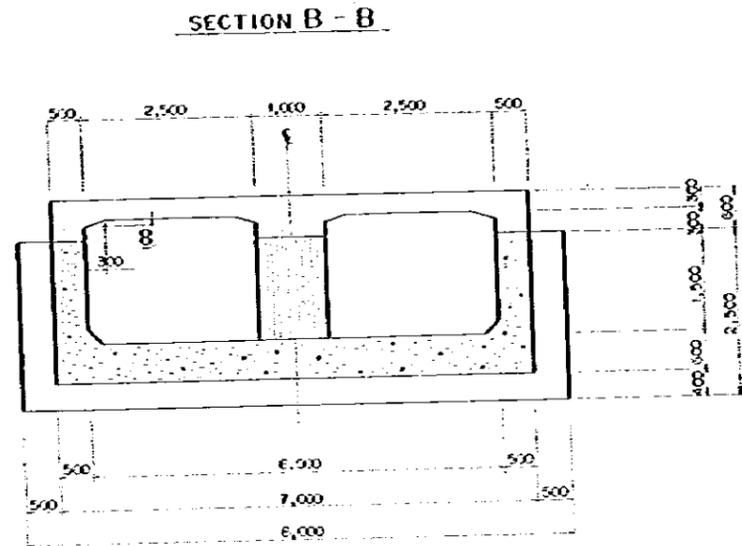
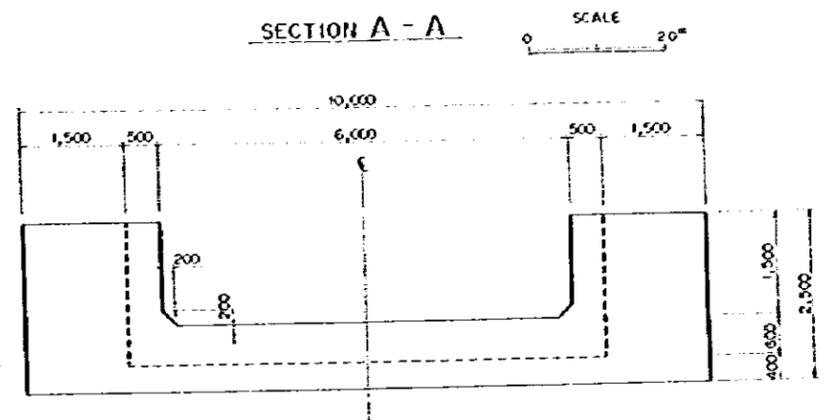
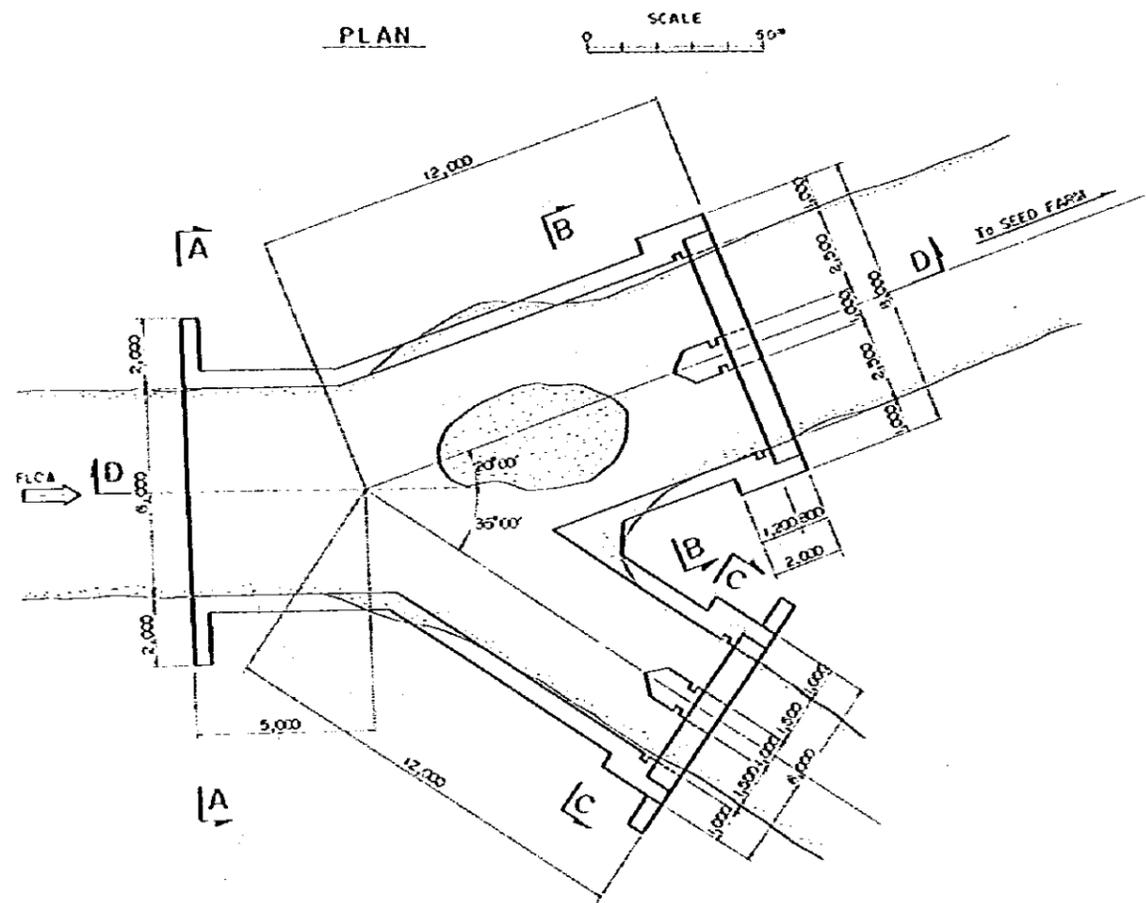
DRAINAGE CANAL

TYPE	B (cm)
TYPE-A	300
TYPE-B	400
TYPE-C	500

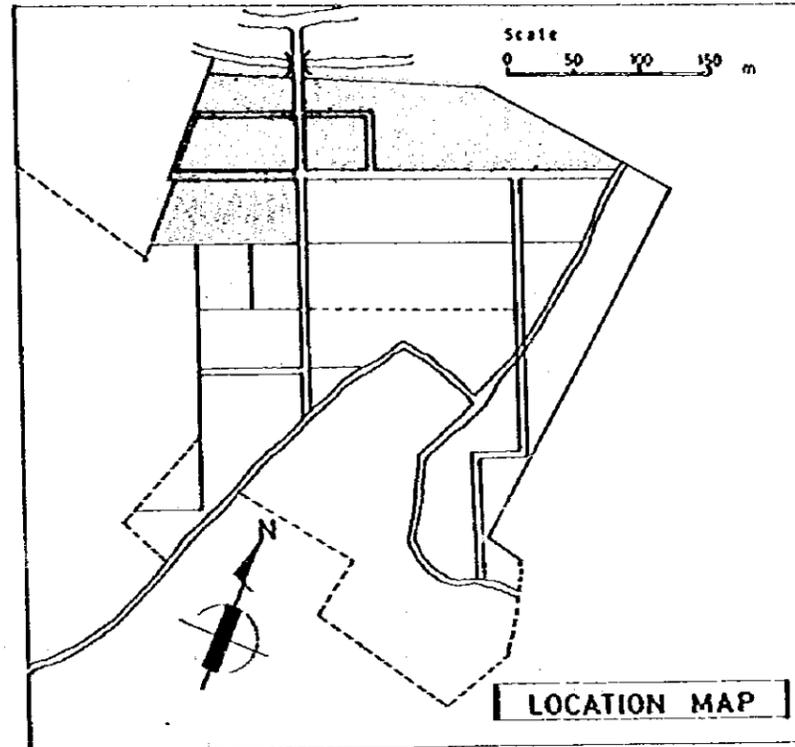
TYPICAL SECTION OF BRANCH ROAD



GOVERNMENT OF INDONESIA
 MINISTRY OF AGRICULTURE
 THE RICE SEED PRODUCTION AND
 DISTRIBUTION PROJECT
 GENERAL PLAN OF
 KEUMALA CENTRAL SEED FARM
 DATE: JUNE 1952 ERS NO: KE-132
 JAPAN INTERNATIONAL COOPERATION AGENCY

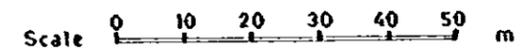
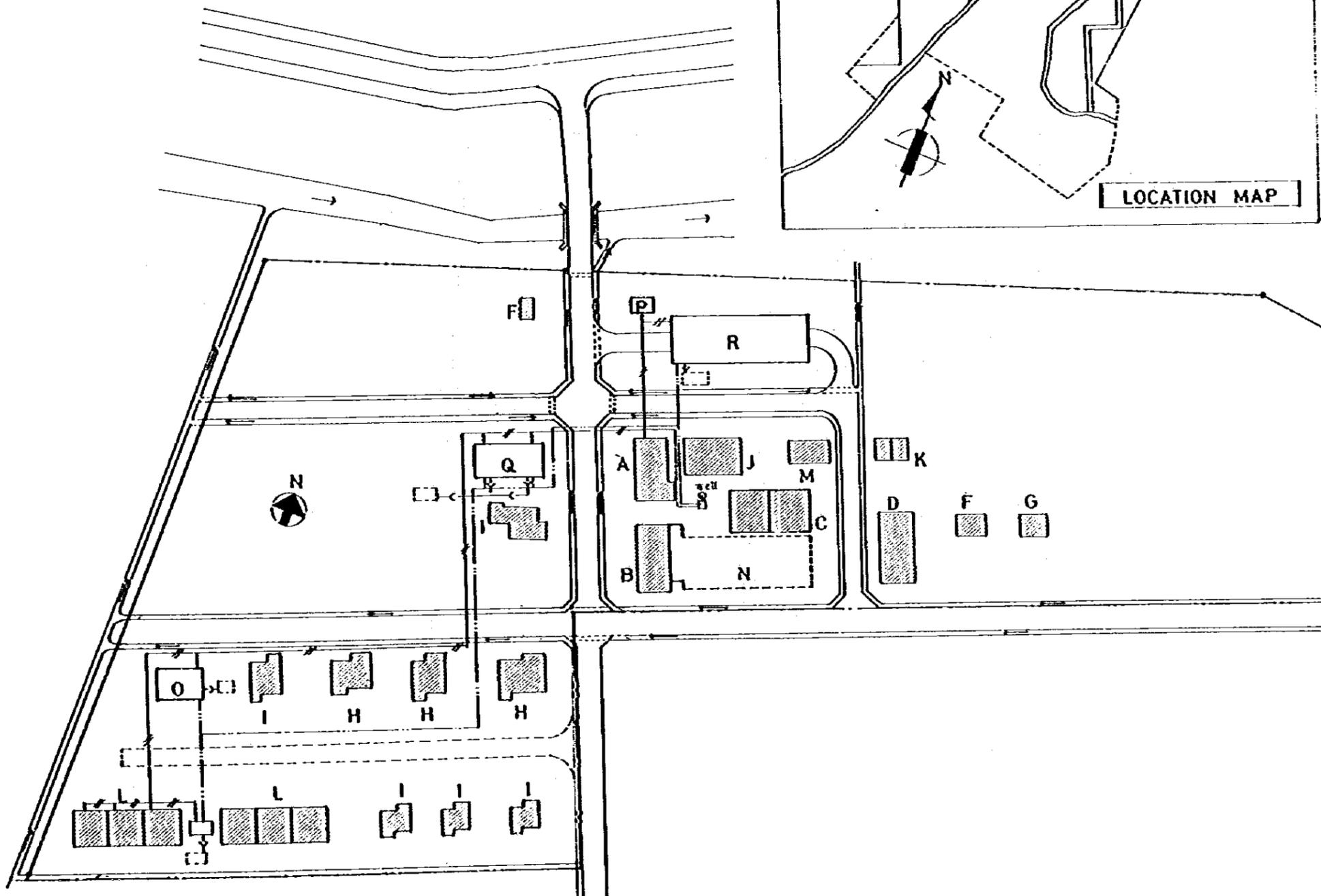


GOVERNMENT OF INDONESIA
 MINISTRY OF AGRICULTURE
 THE RICE SEED PRODUCTION AND
 DISTRIBUTION PROJECT
 DIVERSION WORKS STRUCTURES OF
 KEUMALA CENTRAL SEED FARM
 DATE | JUNE 1982 | DRAWING NO | KE-103
 JAPAN INTERNATIONAL COOPERATION AGENCY



LEGEND

A : Office	104 m ²
B : Garage	147 m ²
C : Seed Storage	183 m ²
D : Ware-house	123 m ²
E : Ware-house	53 m ²
F : Guard Hovel	16 m ²
G : Guard Man Houses	42 m ²
H : Senior Staffs' Houses	TOTAL 165 m ²
I : Junior Staffs' Houses	TOTAL 209 m ²
J : Meeting House	102 m ²
K : Laboratory	42 m ²
L : Assistant Staffs' Houses	TOTAL 371 m ²
M : Car Shed	53 m ²
N : Drying Bed	310 m ²
O : Training Center	70 m ²
P : Generator Room	15 m ²
Q : Guest House	100 m ²
R : Work Shop	300 m ²
: Electrical	
: Water Supply	
: Drainage	
: Planning Houses	
: Existence Houses	



GOVERNMENT OF INDONESIA MINISTRY OF AGRICULTURE			
THE RICE SEED PRODUCTION AND DISTRIBUTION PROJECT			
SITE PLAN OF KEUMALA MAIN SEED FARM			
DATE	JUNE 1982	OWG.NO	KE-104
JAPAN INTERNATIONAL COOPERATION AGENCY			

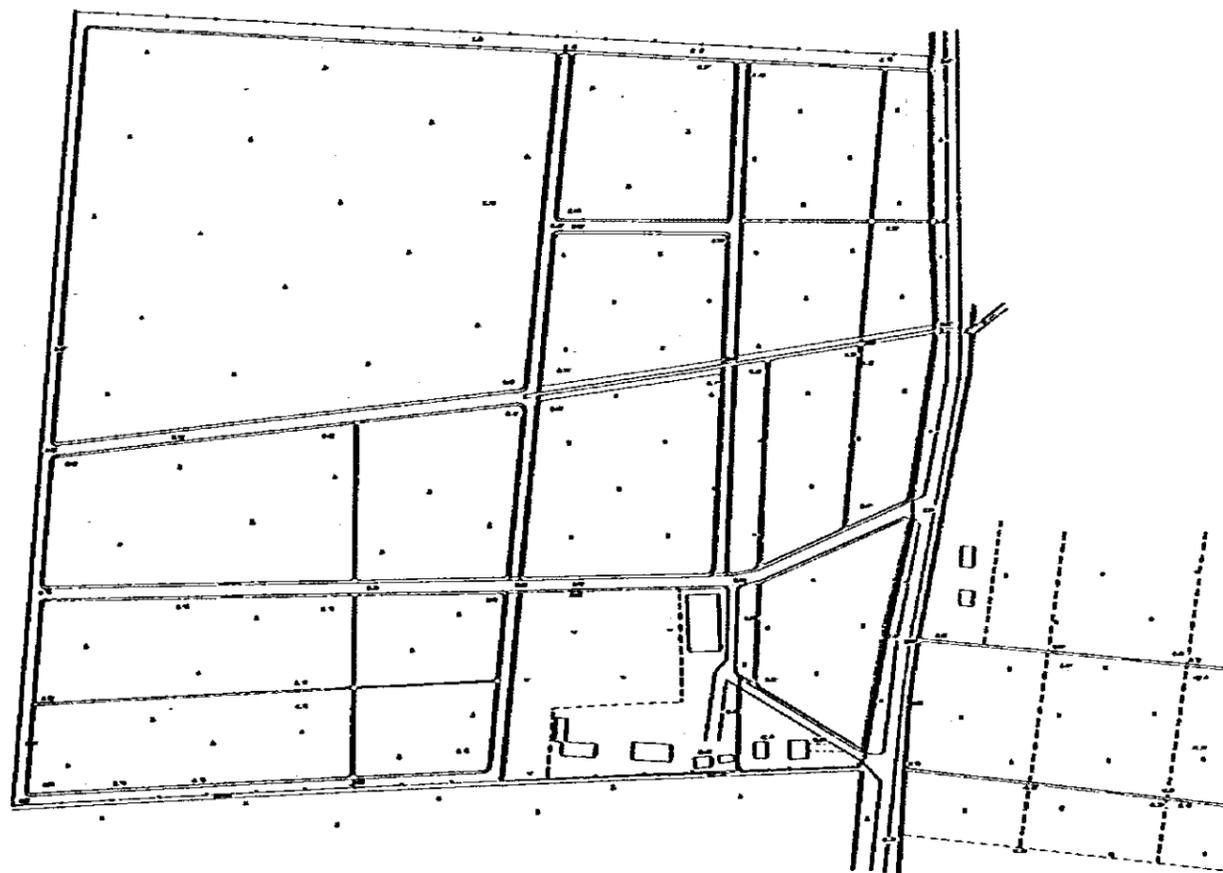
TOPOGRAPHICAL MAP of TANGAN-TANGAN

Scale 1:25,000 meters



LEGEND

- Seed Farm Site
- Fence/Seed Field
- Paddy Field
- Farm Field
- Unutilized or Barren Land
- Orchard



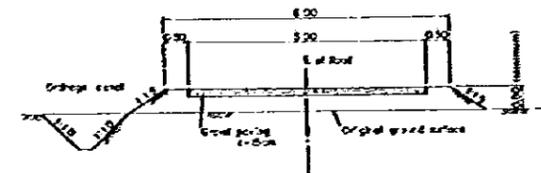
GOVERNMENT OF INDONESIA			
MINISTRY OF AGRICULTURE			
THE RICE SEED PRODUCTION AND DISTRIBUTION PROJECT			
SURVEY MAP OF			
TANGAN-TANGAN MAIN SEED FARM			
DATE	JUNE 1982	DSG NO	TS-101
JAPAN INTERNATIONAL COOPERATION AGENCY			

GENERAL PLAN of TANGAN-TANGAN

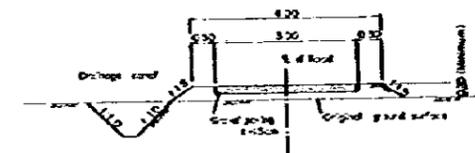
Scale 1:20,000 METER



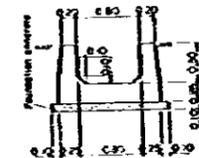
TYPICAL SECTION OF TRUNK ROAD



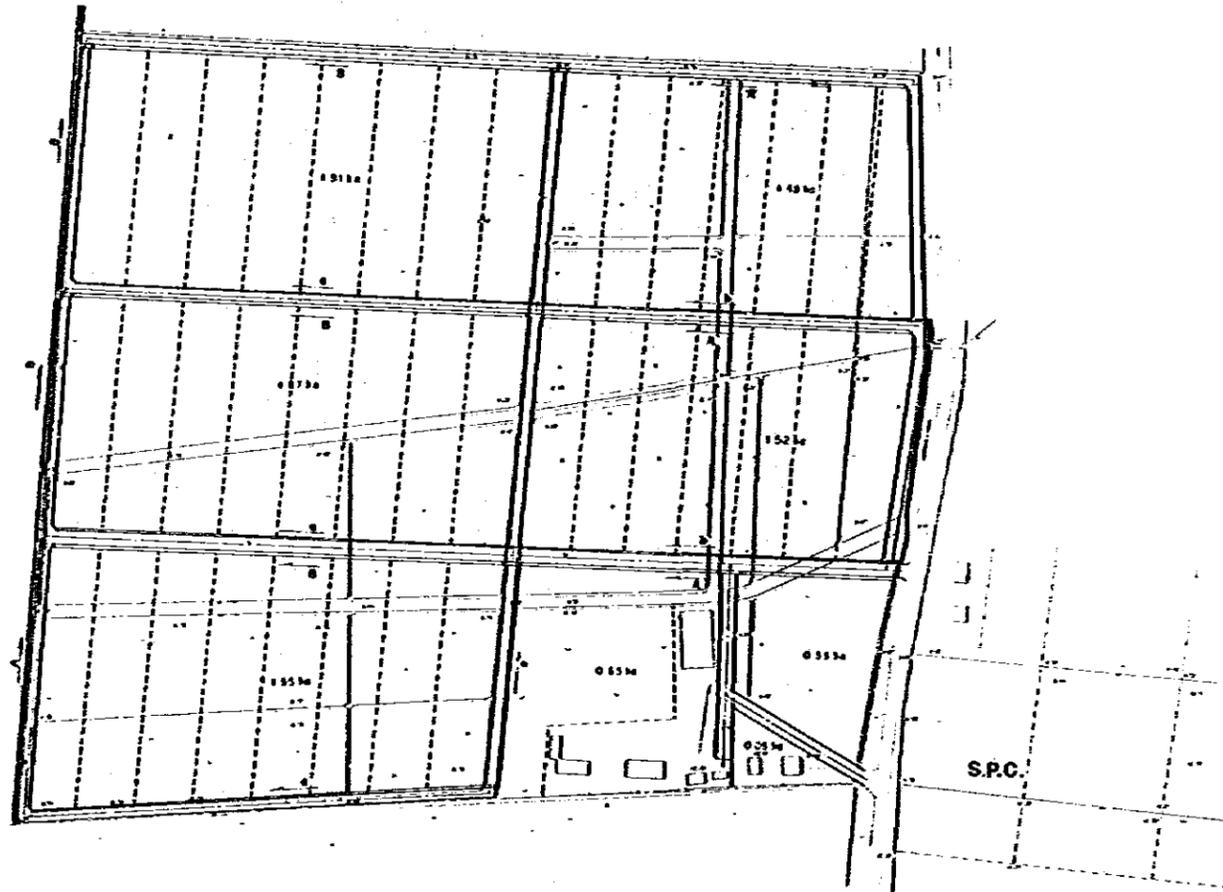
TYPICAL SECTION OF BRANCH ROAD



Drainage channel
SCALE 1:50



- LEGEND**
- Seed Farm Site
 - Fence/Seed Field
 - Paddy Field
 - Form Field
 - Uncultivated or Barren Land
 - Orchard



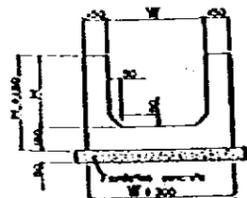
DRAINAGE CANAL



DRAINAGE CANAL DIMENSION

TYPE	W (m)
TYPE-A	300
TYPE-B	400
TYPE-C	500

IRRIGATION CANAL



IRRIGATION CANAL DIMENSION

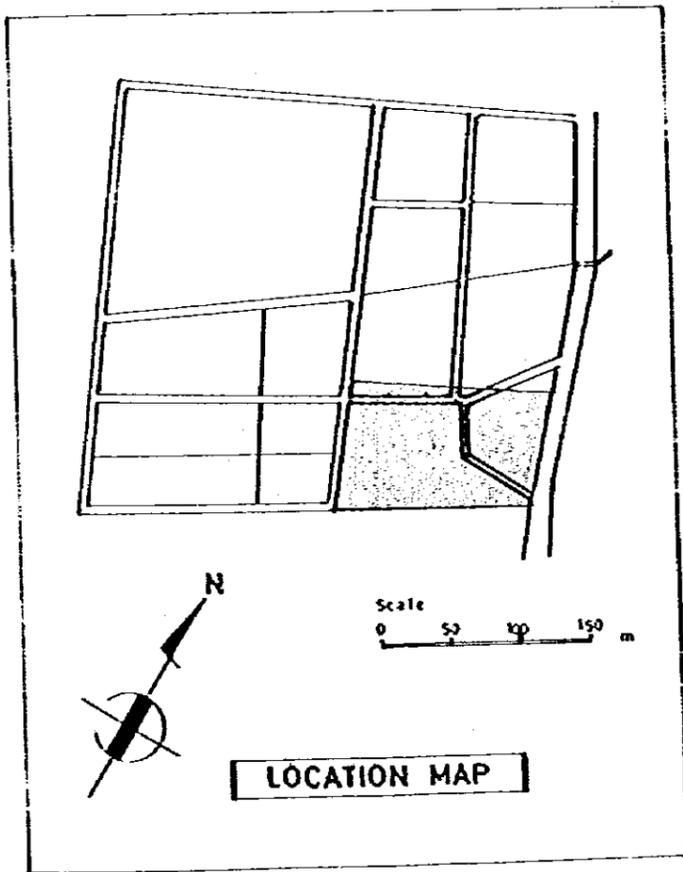
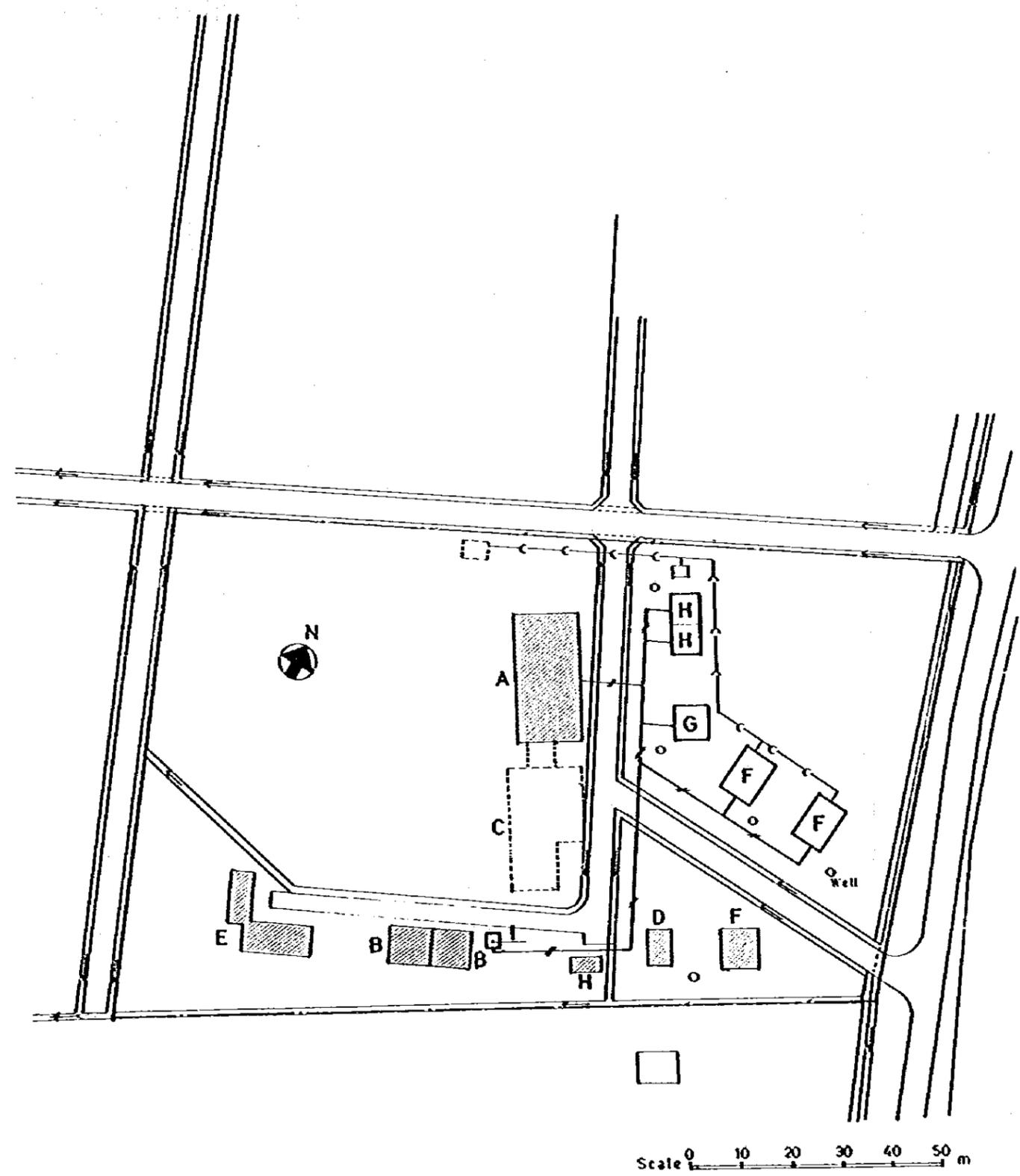
TYPE	W	H
TYPE-a	300	250
TYPE-b	400	350
TYPE-c	500	450

GOVERNMENT OF INDONESIA
 MINISTRY OF AGRICULTURE
 THE RICE SEED PRODUCTION AND
 DISTRIBUTION PROJECT
 GENERAL PLAN OF
 TANGAN-TANGAN MAIN SEED FARM
 DATE: JUNE 1962 DRAWING NO: EE-102
 JAPAN INTERNATIONAL COOPERATION AGENCY

LEGEND

A	Office	
	Seed Management	TOTAL 359 m ²
	Garage	
B	Seed Storage	126 m ²
C	Drying Bed	325 m ²
D	Ware house	36 m ²
E	Meeting House	115 m ²
F	Senior Staffs' Houses	TOTAL 203 m ²
G	Junior Staffs' Houses	50 m ²
H	Assistant Staffs' Houses	TOTAL 91 m ²
I	Generator Room	10 m ²
	Electrical	
	Water Supply	
	Drainage	
	Planning Houses	
	Existence Houses	

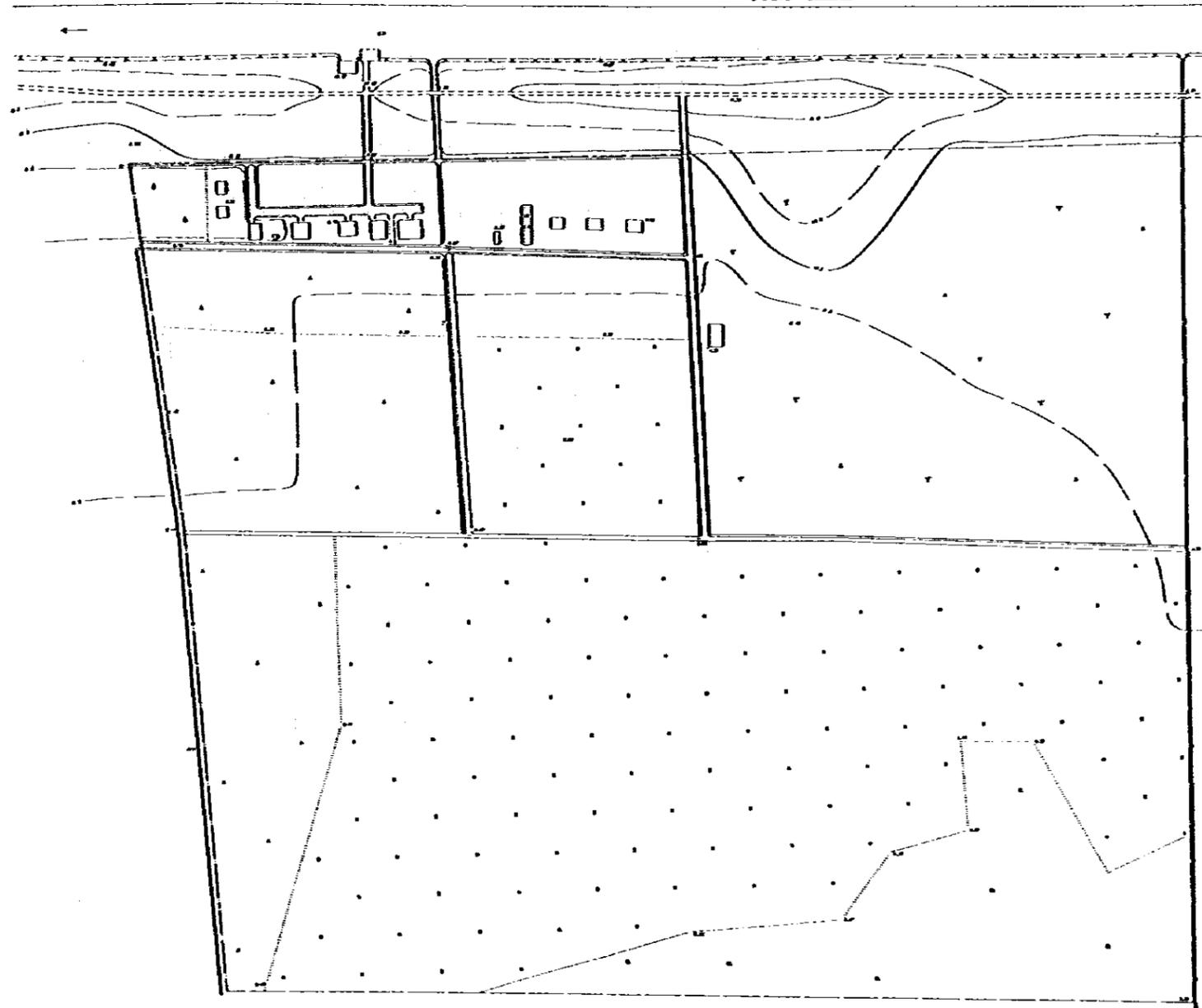
GOVERNMENT OF INDONESIA
 MINISTRY OF AGRICULTURE
 THE RICE SEED PRODUCTION AND
 DISTRIBUTION PROJECT
 SITE PLAN OF TANGAN-TANGAN
 MAIN SEED FARM
 DATE: JUNE 1982 ORG. NO. TT-103
 JAPAN INTERNATIONAL COOPERATION AGENCY



LOCATION MAP

TOPOGRAPHICAL MAP of UPANG

Scale 1:25,000



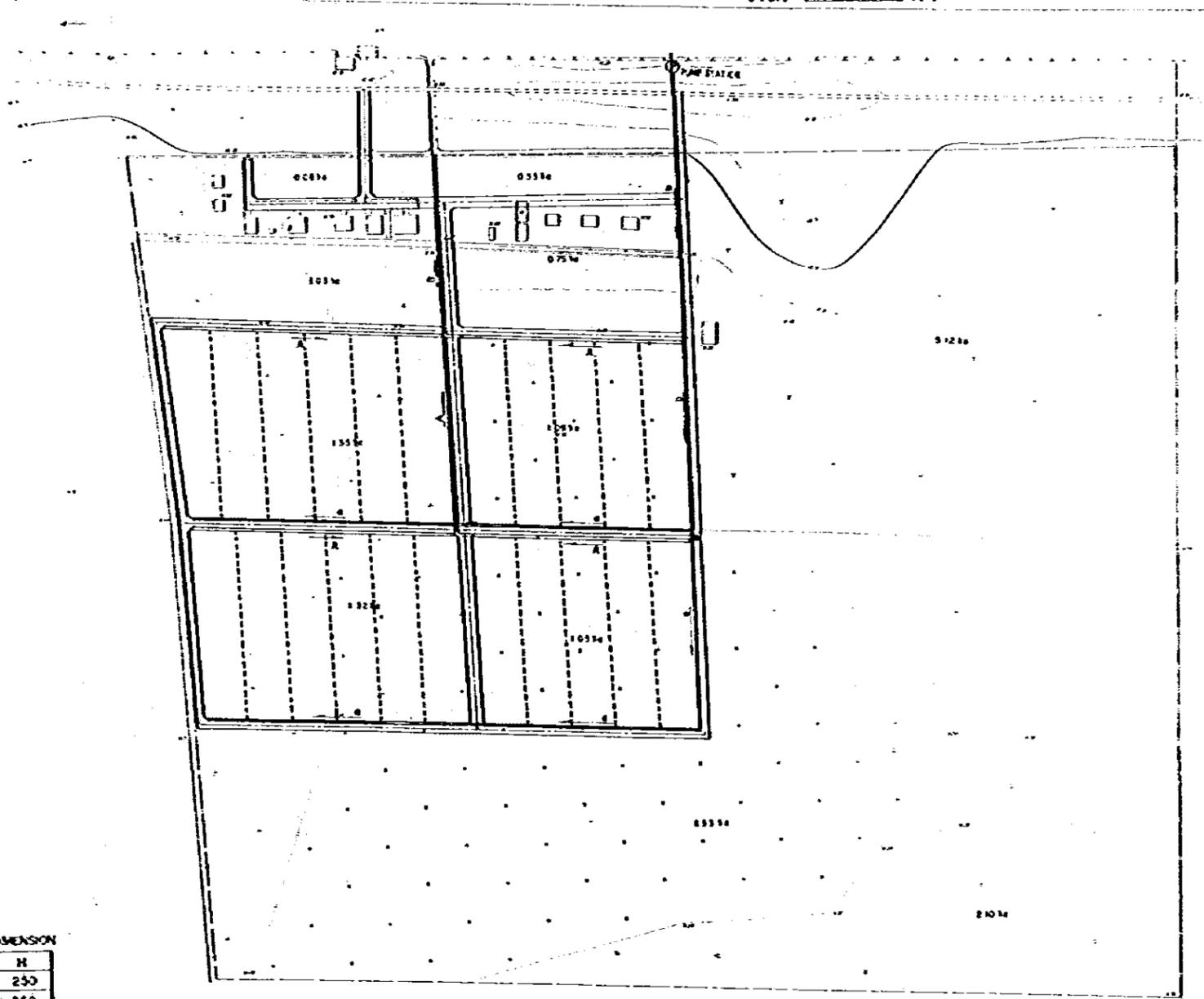
LEGEND

- Seed Farm Site
- Fence/Seed Field
- Coconut Field
- Unutilized or Barren Land
- Orchard
- Copse

GOVERNMENT OF INDONESIA			
MINISTRY OF AGRICULTURE			
THE RICE SEED PRODUCTION AND DISTRIBUTION PROJECT			
SURVEY MAP OF UPANG CENTRAL SEED FARM			
DATE	JUNE 1982	CRS. NO.	UP-101
JAPAN INTERNATIONAL COOPERATION AGENCY			

GENERAL PLAN of UPANG

Scale 1:5000 METERS



LEGEND

- Seed Farm Site
- Fence/Seed Field
- Coconut Field
- Uncultivated or Barren Land
- Orchard
- Copse

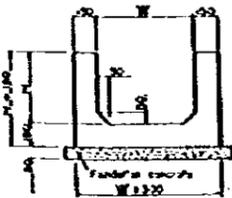
DRAINAGE CANAL



DRAINAGE CANAL DIMENSION

TYPE	BC (m)
TYPE-A	300
TYPE-B	400
TYPE-C	500

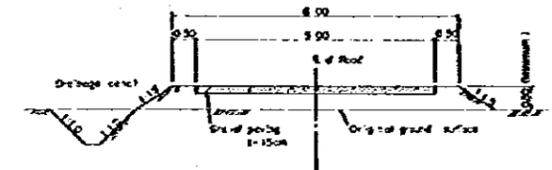
IRRIGATION CANAL



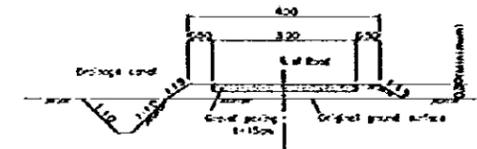
IRRIGATION CANAL DIMENSION

TYPE	W	H
TYPE-a	300	250
TYPE-b	400	350
TYPE-c	500	450

TYPICAL SECTION OF TRUNK ROAD



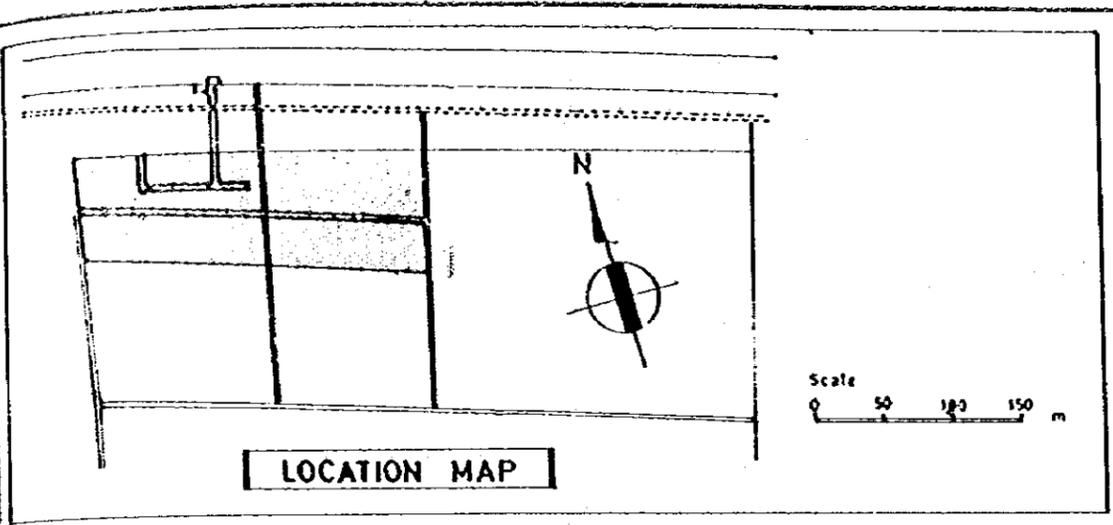
TYPICAL SECTION OF BRANCH ROAD



GOVERNMENT OF INDONESIA
 MINISTRY OF AGRICULTURE
 THE RICE SEED PRODUCTION AND
 DISTRIBUTION PROJECT

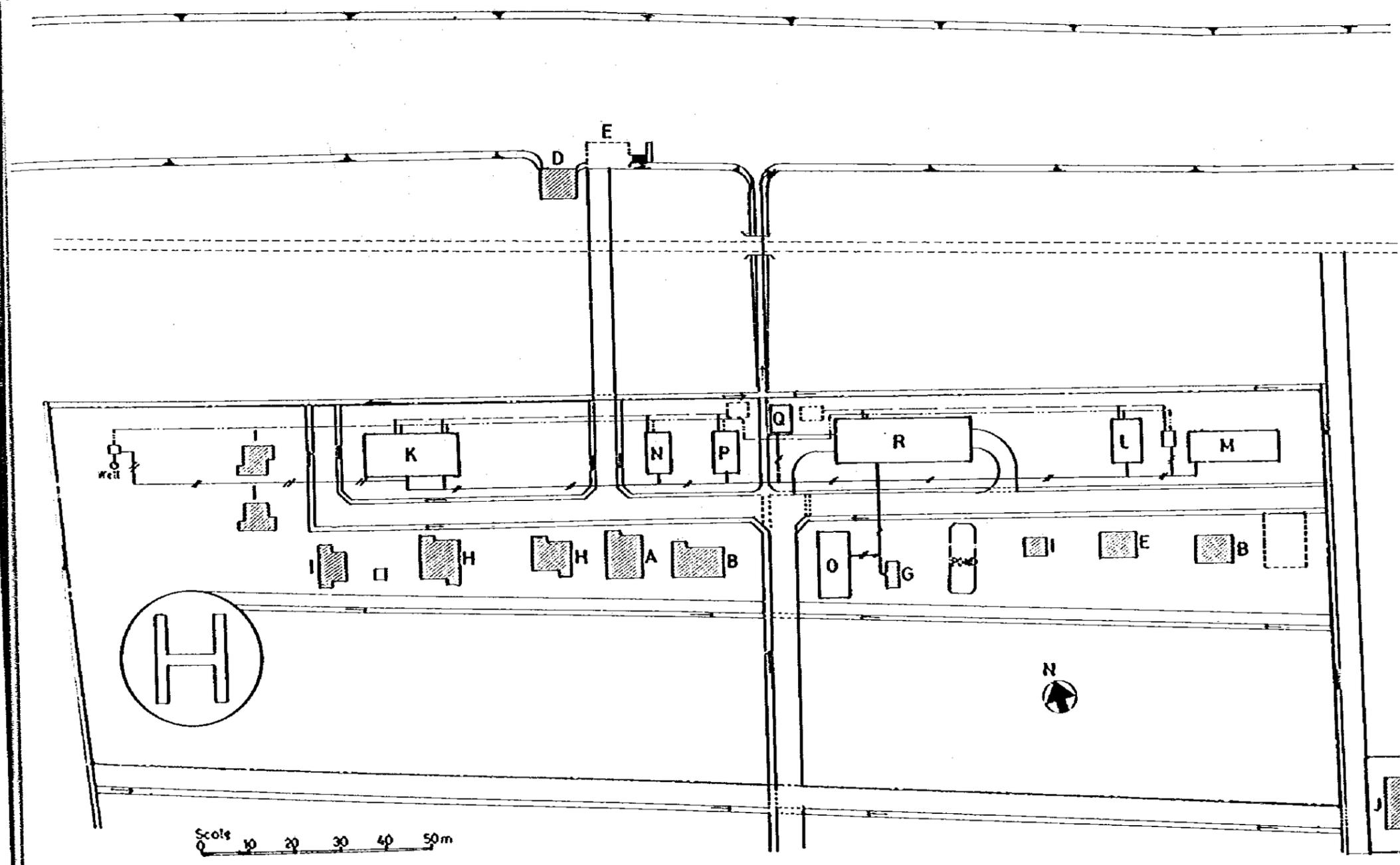
GENERAL PLAN OF
 UPANG CENTRAL SEED FARM

DATE | JUNE 1982 | DWS NO | UP-102
 JAPAN INTERNATIONAL COOPERATION AGENCY



LEGEND

A : Office	75 m ²
B : Seed Storage	96 m ²
C : Ware-house	56 m ²
D : Boat Hovel	59 m ²
E : Wharf	51 m ²
F : Green House	41 m ²
G : Pump Hovel	18 m ²
H : Senior Staffs' Houses	TOTAL 129 m ²
I : Junior Staffs' Houses	TOTAL 135 m ²
J : Assistant Staffs' Houses	101 m ²
K : Guest House	TOTAL 200 m ²
L : Training Center	70 m ²
M : Dormitory	147 m ²
N : Meeting House	50 m ²
O : Garage	100 m ²
P : Laboratory	50 m ²
Q : Car Shed	30 m ²
R : Work Shop	300 m ²
⊘ : Electrical	
— : Water Supply	
→ : Drainage	
□ : Planning Houses	
▨ : Existence Houses	



GOVERNMENT OF INDONESIA
 MINISTRY OF AGRICULTURE
 THE RICE SEED PRODUCTION AND
 DISTRIBUTION PROJECT
 SITE PLAN OF UPANG
 CENTRAL SEED FARM
 DATE 18XK 1582 DWG.NO. UP-103
 JAPAN INTERNATIONAL COOPERATION AGENCY

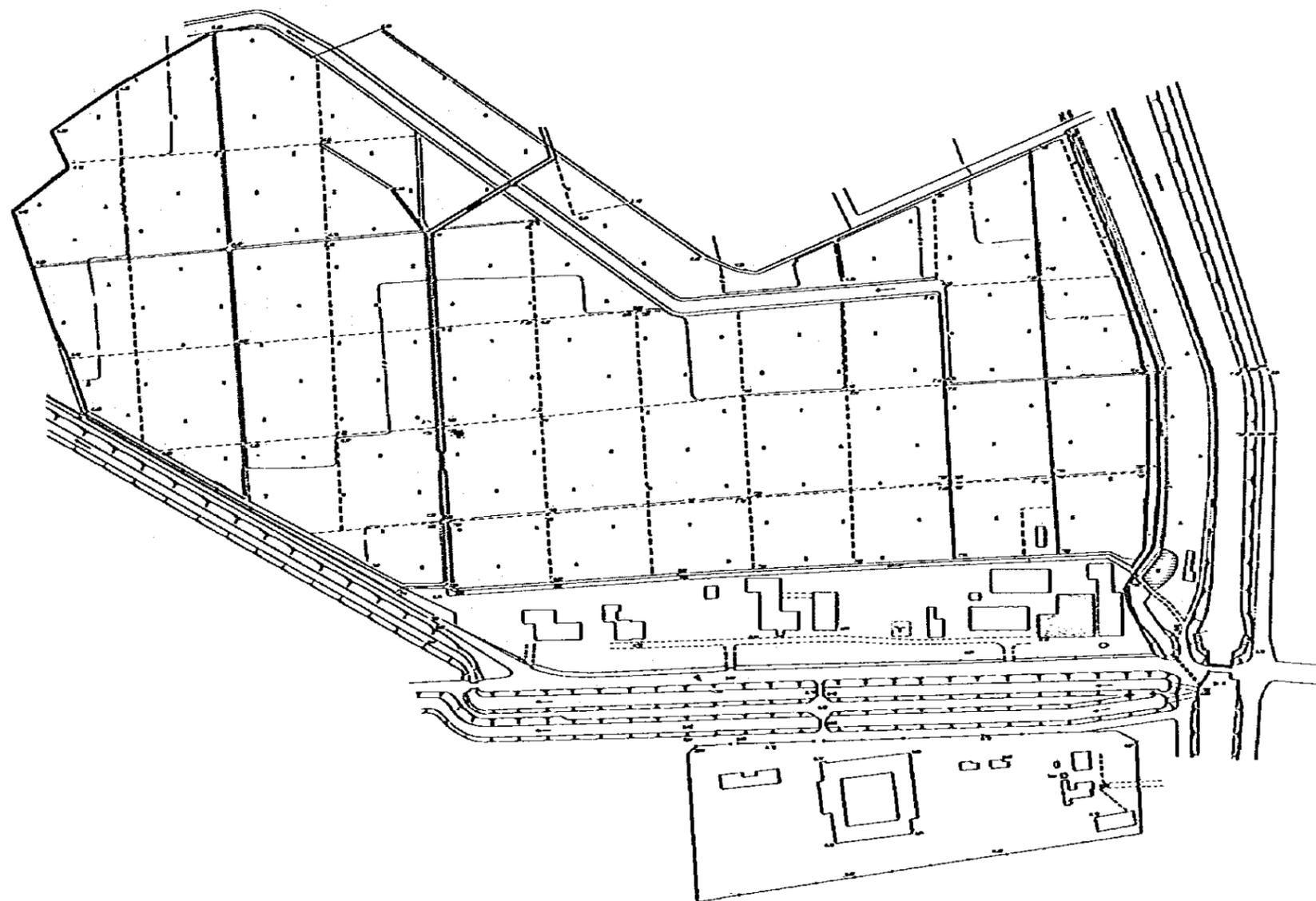
TOPOGRAPHICAL MAP of BELITANG

Scale 1:50000 METERS



LEGEND

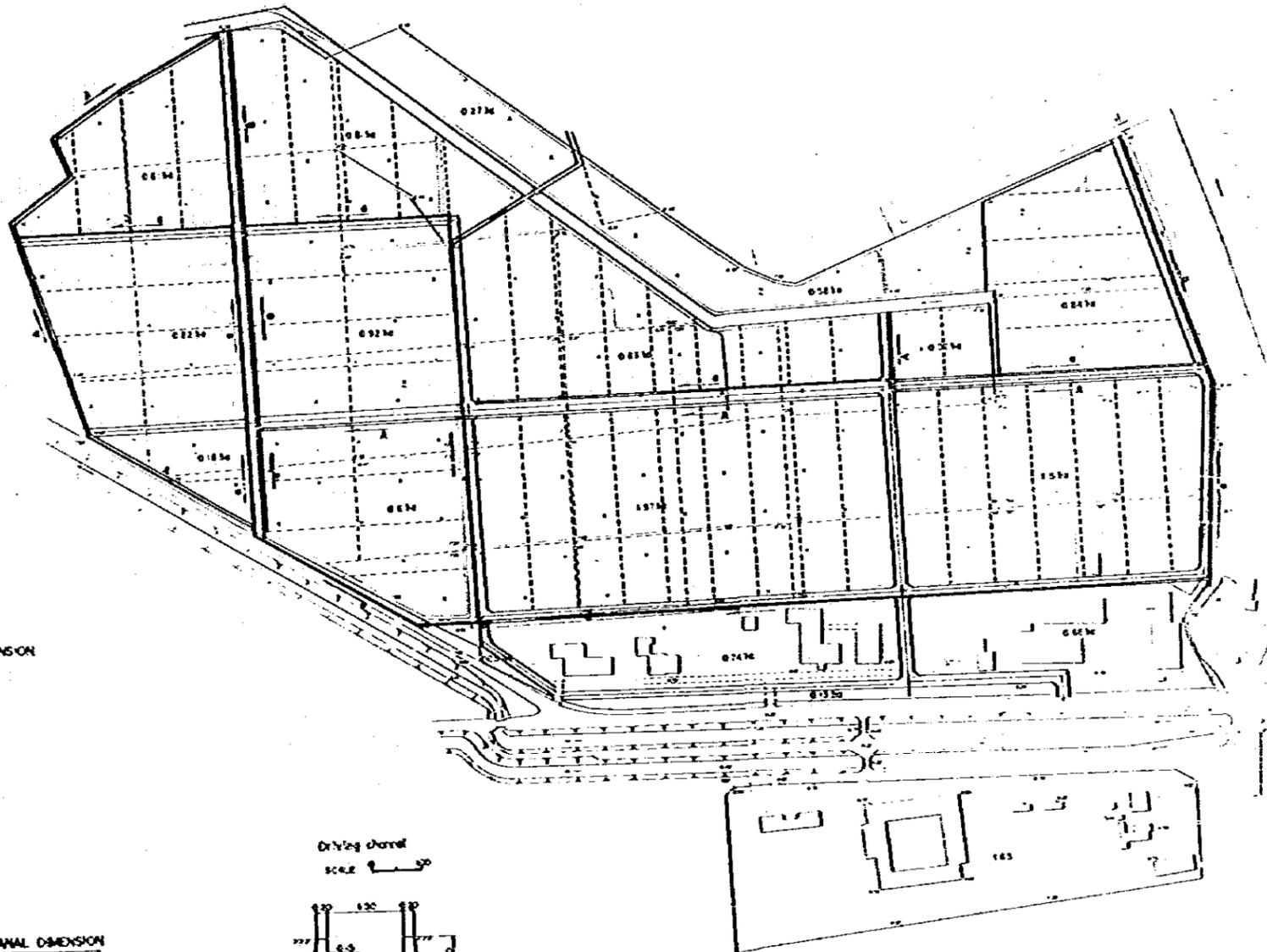
- Fence/Seed Field
- Paddy Field
- △ Unutilized or Barren Land
- Drying Bed
- ☼ Meteorological Yard



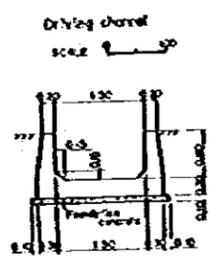
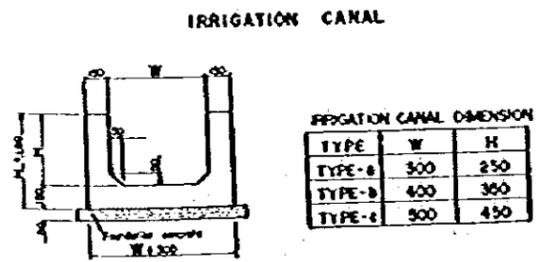
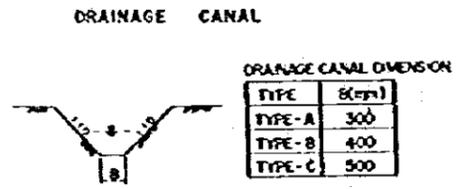
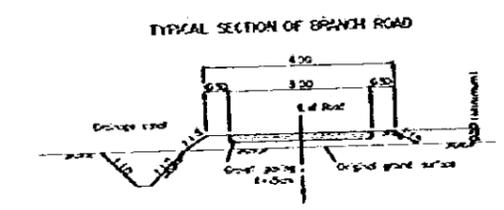
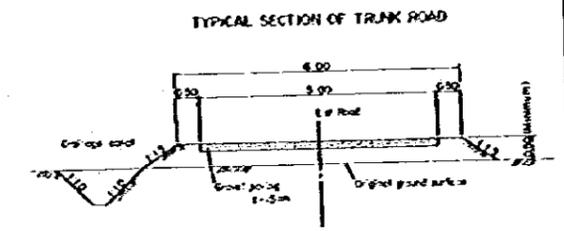
GOVERNMENT OF INDONESIA			
MINISTRY OF AGRICULTURE			
THE RICE SEED PRODUCTION AND DISTRIBUTION PROJECT			
SURVEY MAP OF			
BELITANG CENTRAL SEED FARM			
DATE	JUNE 1982	DSR NO.	DL-101
JAPAN INTERNATIONAL COOPERATION AGENCY			

GENERAL PLAN of BELITANG

Scale 1:20,000 METER



- LEGEND**
- Fence/Seed Field
 - Paddy Field
 - Uncultivated or Barren Land
 - ▭ Drying Bed



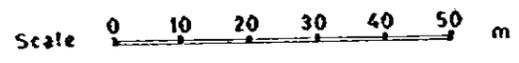
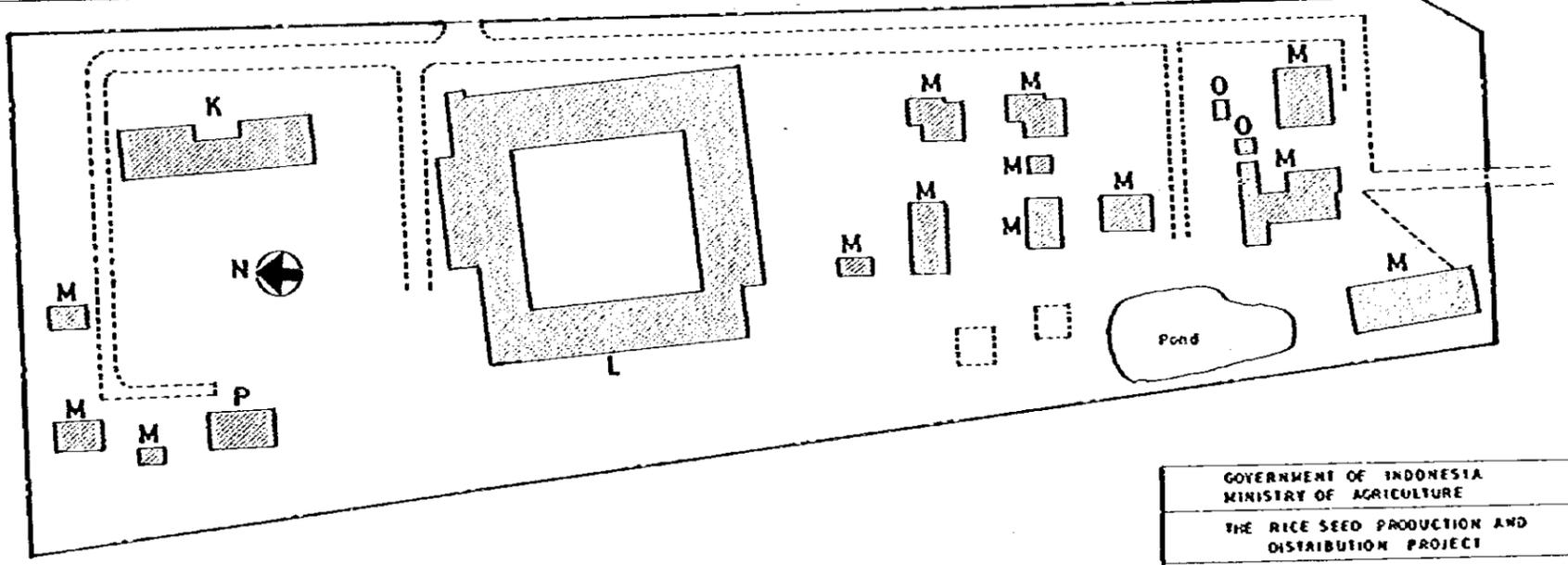
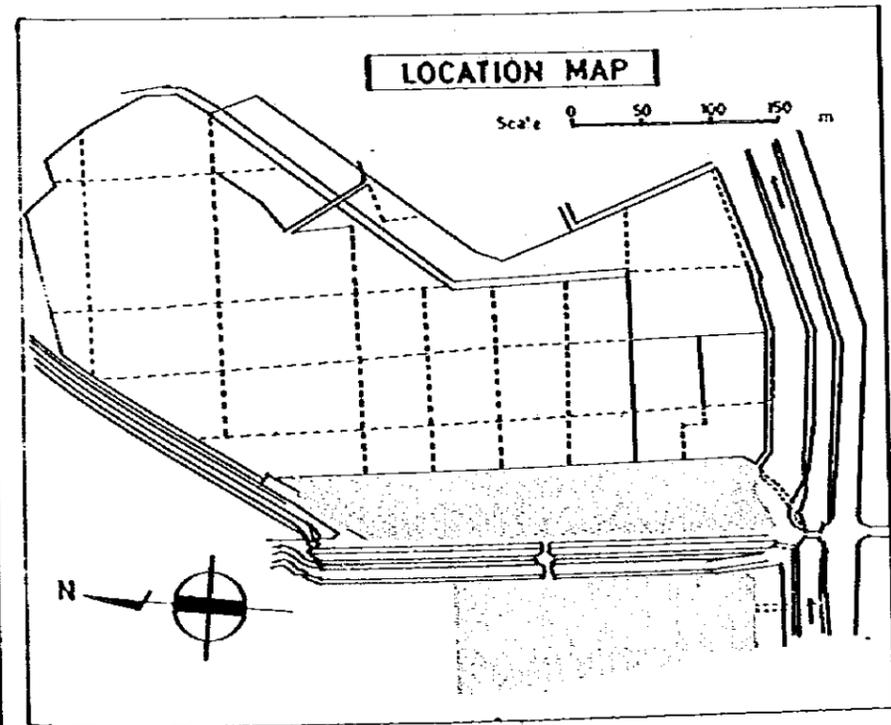
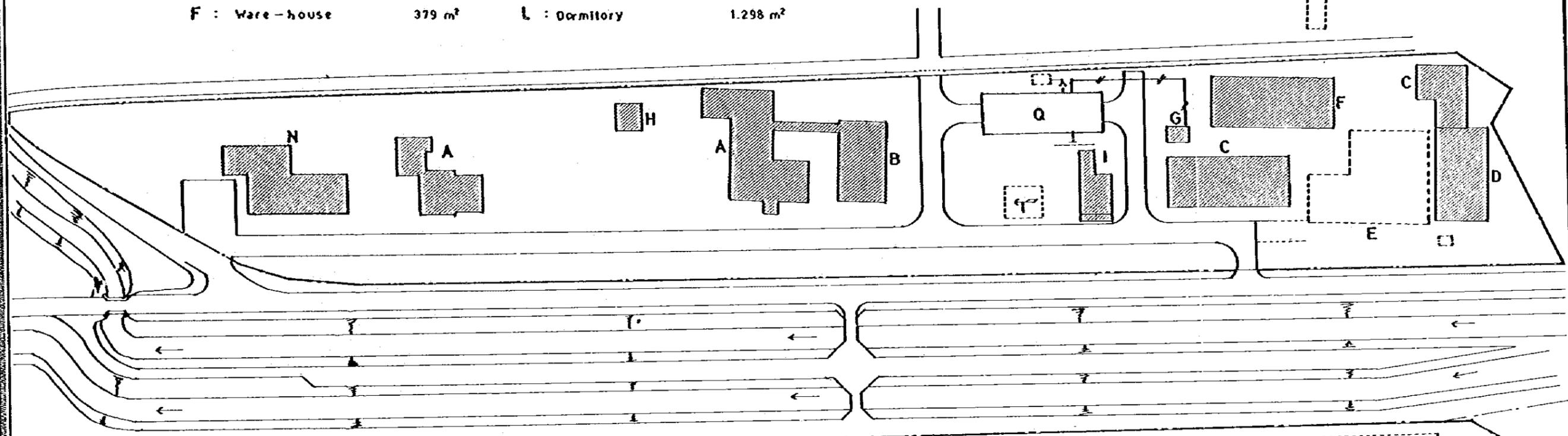
GOVERNMENT OF INDONESIA
 MINISTRY OF AGRICULTURE
 THE RICE SEED PRODUCTION AND
 DISTRIBUTION PROJECT

**GENERAL PLAN OF
 BELITANG CENTRAL SEED FARM**

DATE: June 1952 CRS NO: BL-102
 JAPAN INTERNATIONAL COOPERATION AGENCY

LEGEND

A : Office	560 m ²	G : Generator Room	21 m ²	M : Assistant Staffs' Houses	TOTAL 762 m ²	⚡ : Electrical
B : Laboratory	250 m ²	H : Car Shed	50 m ²	N : Guest House	407 m ²	⋯ : Water Supply
C : Garage	TOTAL 567 m ²	I : Senior Staffs' House	126 m ²	O : Pump Hovel	5 m ²	→ : Drainage
D : Seed Storage	283 m ²	J : Senior Staffs' House	220 m ²	P : Cow Hovel	60 m ²	□ : Planning Houses
E : Drying Bed	576 m ²	K : T. Senior Staffs' House	213 m ²	Q : Work Shop	300 m ²	▨ : Existence Houses
F : Ware-house	379 m ²	L : Dormitory	1,298 m ²			



GOVERNMENT OF INDONESIA
 MINISTRY OF AGRICULTURE
 THE RICE SEED PRODUCTION AND
 DISTRIBUTION PROJECT
 SITE PLAN OF BELITANG
 CENTRAL SEED FARM
 DATE | JUNE 1982 | DWG. NO | BL-103
 JAPAN INTERNATIONAL COOPERATION AGENCY

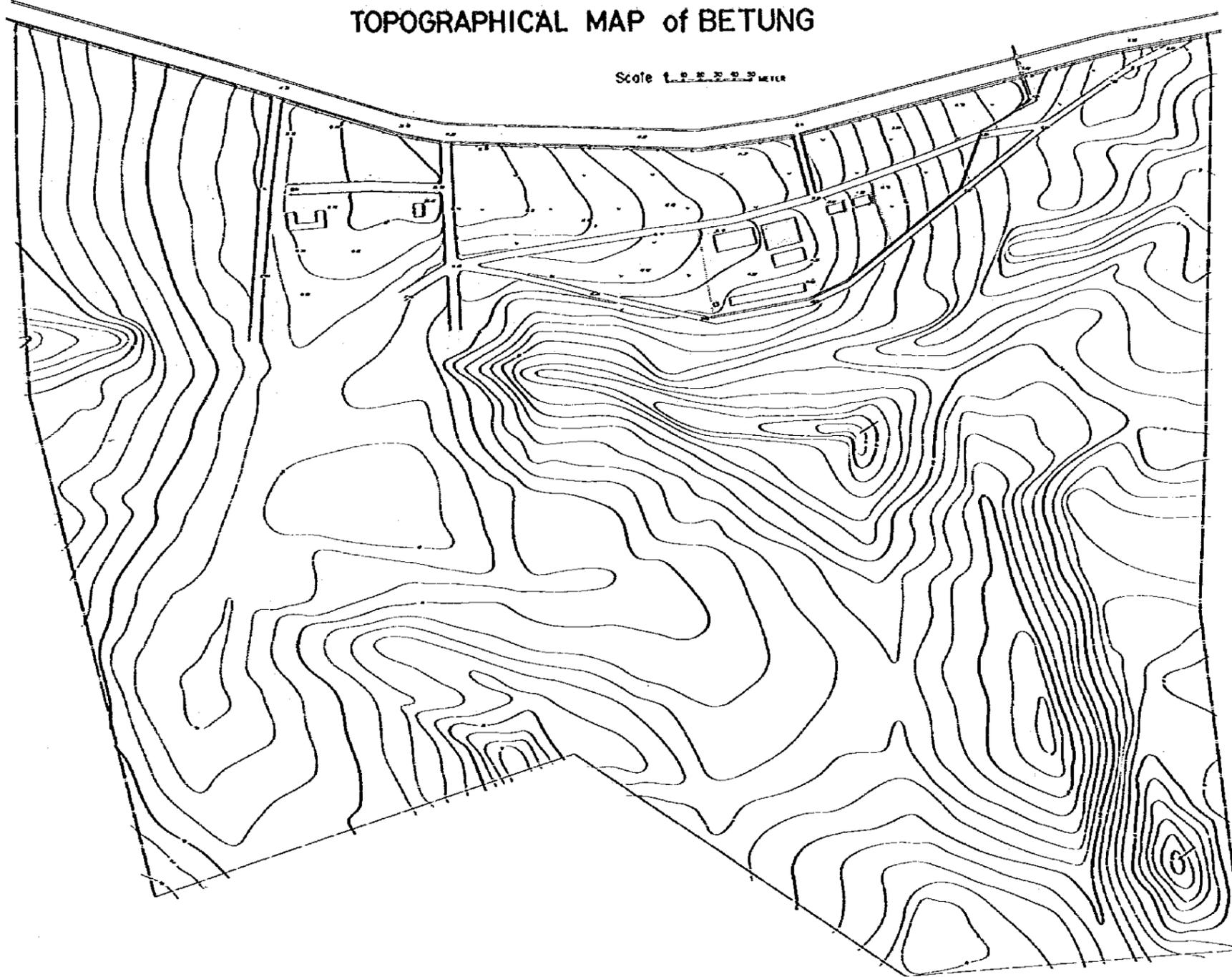
TOPOGRAPHICAL MAP of BETUNG

Scale 1:25,000 METERS



LEGEND

- Seed Farm Site
- - - Fence/Seed Field
- Farm Field
- Uncultivated or Barren Land
- Drying Bed
- ☉ Concave Low Land



GOVERNMENT OF INDONESIA			
MINISTRY OF AGRICULTURE			
THE RICE SEED PRODUCTION AND DISTRIBUTION PROJECT			
SURVEY MAP OF			
BETUNG MAIN SEED FARM			
DATE	APR 1952	ORG NO	SI-101
JAPAN INTERNATIONAL COOPERATION AGENCY			

GENERAL PLAN of BETUNG

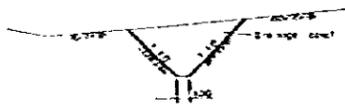
Scale 1:50,000 METER



- LEGEND**
- Seed Farm Site
 - Fence/Seed Field
 - Form Field
 - Unutilized or Barren Land
 - Drying Bed
 - Concave Low Land

SECTION C-C

Scale 1:500



DRAINAGE CANAL

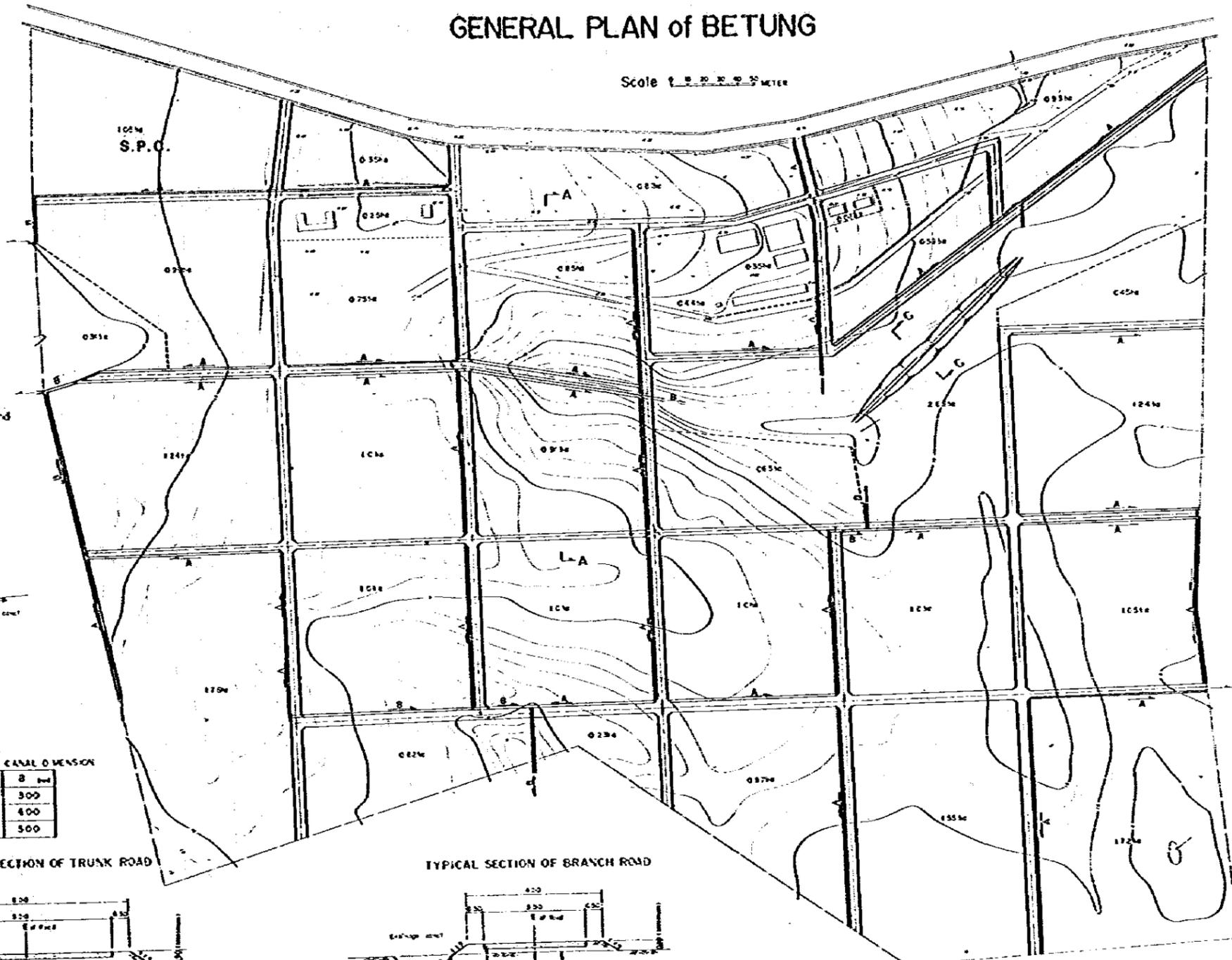
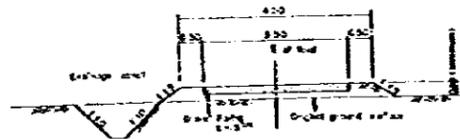
DRAINAGE CANAL DIMENSION

TYPE	B (m)
TYPE-A	300
TYPE-B	400
TYPE-C	500

TYPICAL SECTION OF TRUNK ROAD

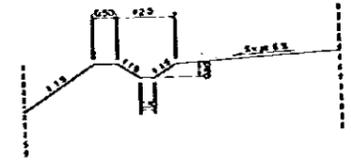


TYPICAL SECTION OF BRANCH ROAD

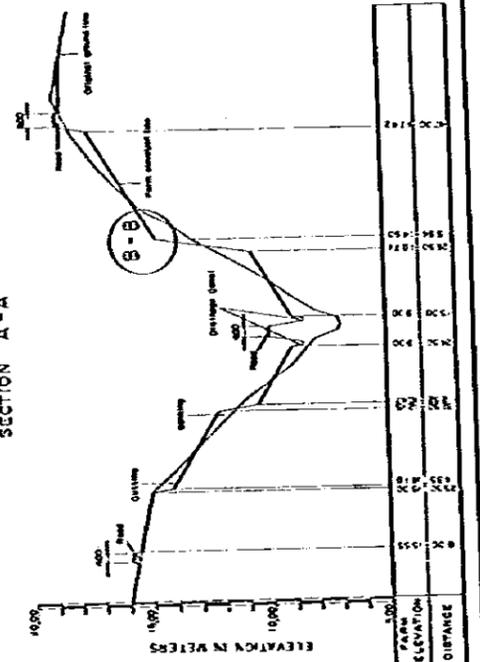


SECTION B-B

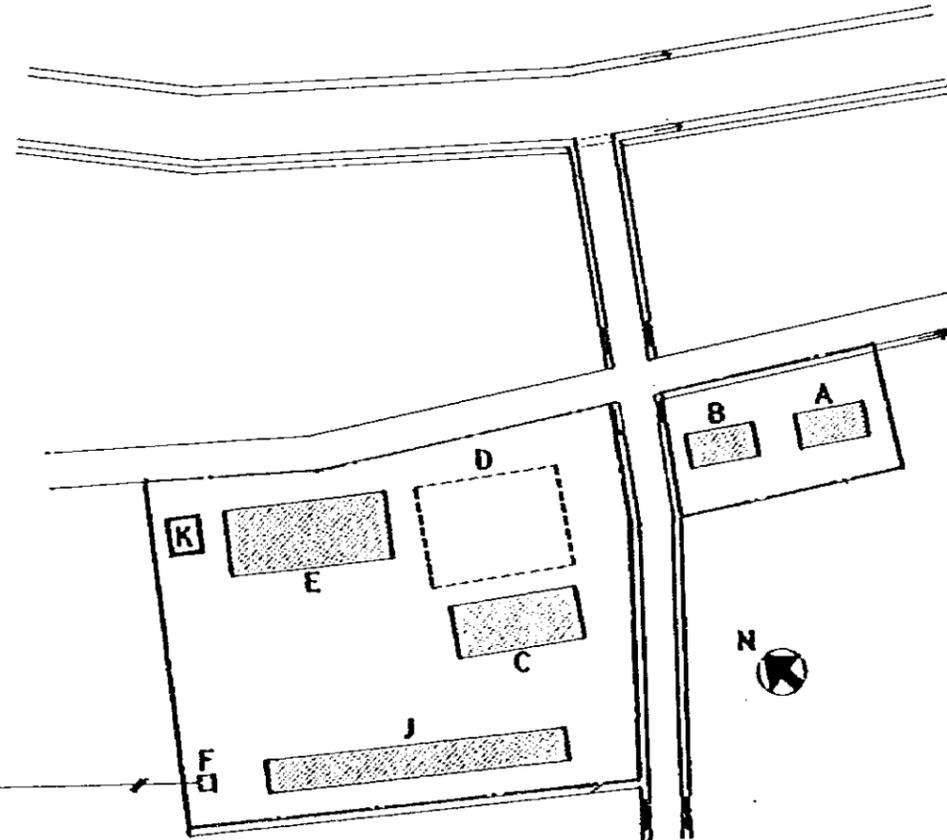
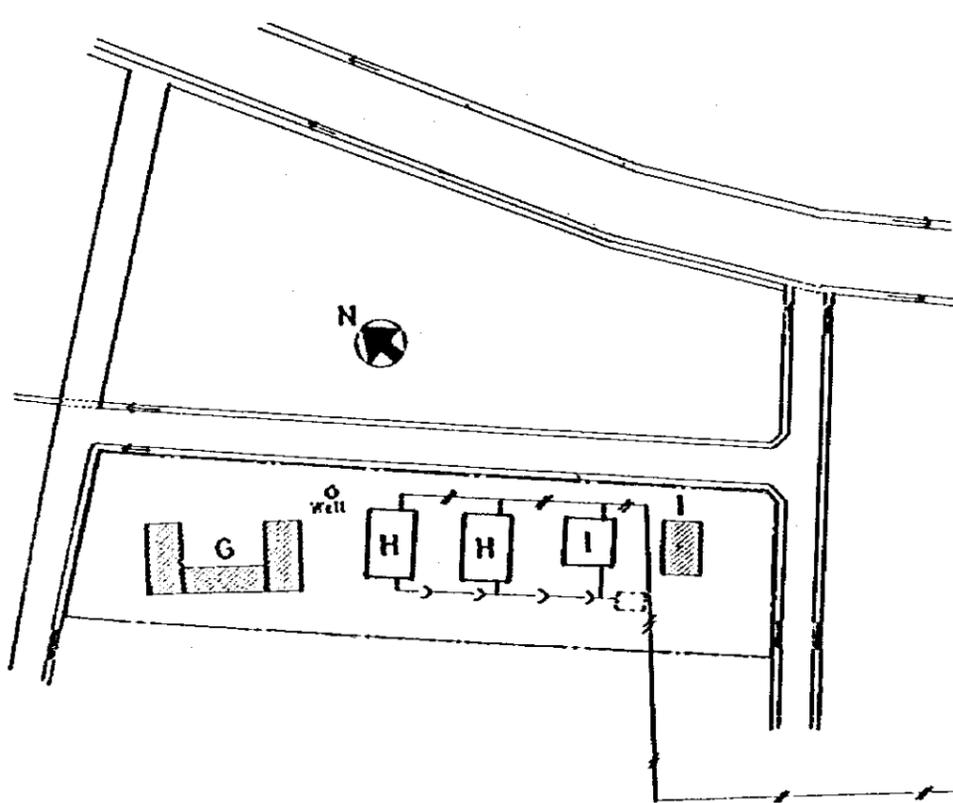
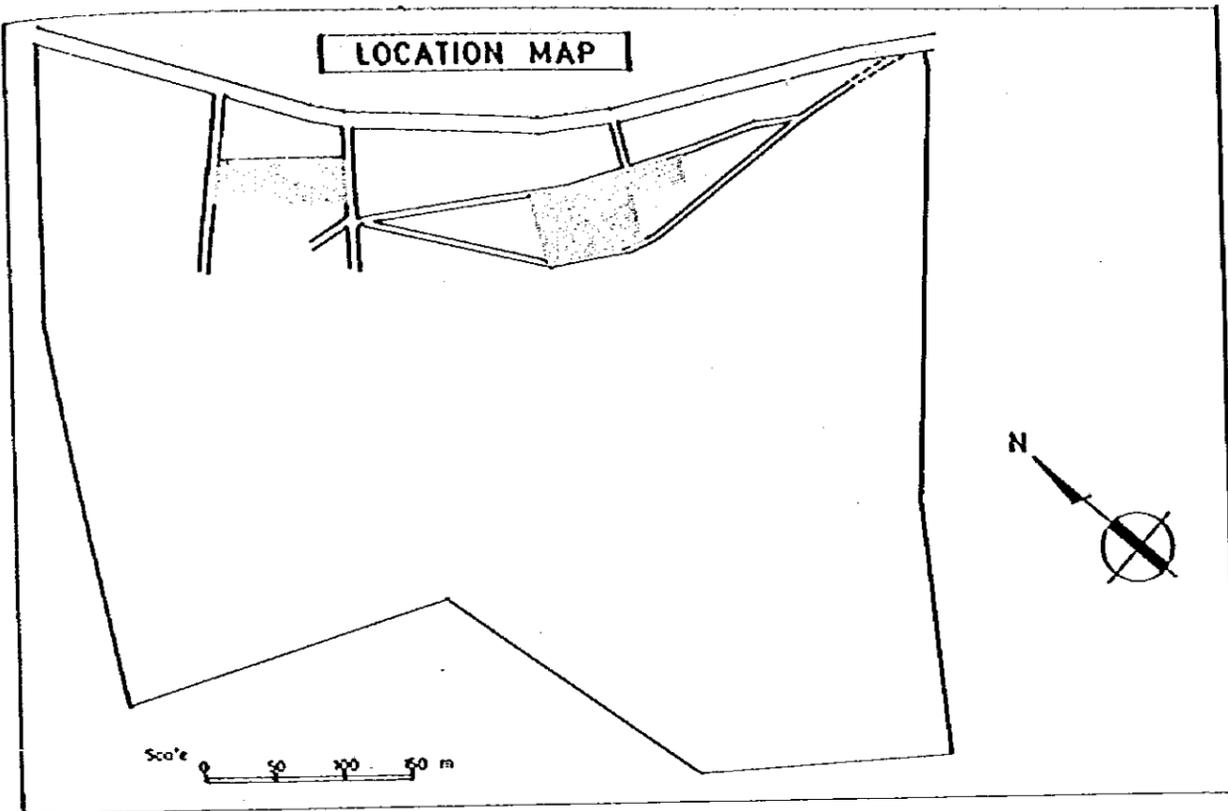
Scale 1:500



SECTION A-A



GOVERNMENT OF INDONESIA
 MINISTRY OF AGRICULTURE
 THE RICE SEED PRODUCTION AND
 DISTRIBUTION PROJECT
 GENERAL PLAN OF
 BETUNG MAIN SEED FARM
 DATE: JUNE 1952 DRG NO: BT-102
 JAPAN INTERNATIONAL COOPERATION AGENCY



Scale 0 10 20 30 40 50 m

LEGEND

A : Office	63 m ²
B : Garage	53 m ²
C : Seed Storage	155 m ²
D : Drying Bed	329 m ²
E : Ware-house	257 m ²
F : Generator Room	10 m ²
G : Training Room	112 m ²
H : Senior Staffs' Houses	TOTAL 140 m ²
I : Junior Staffs' Houses	TOTAL 100 m ²
J : Assistant Staffs' Houses	TOTAL 252 m ²
K : Car Shed	30 m ²
--- : Electrical	
--- : Water Supply	
--- : Drainage	
□ : Planning Houses	
▨ : Existence Houses	

GOVERNMENT OF INDONESIA
 MINISTRY OF AGRICULTURE
 THE RICE SEED PRODUCTION AND
 DISTRIBUTION PROJECT
 SITE PLAN OF BETUNG
 MAIN SEED FARM
 DATE JUNE 1981 DWG. NO. BT-104
 JAPAN INTERNATIONAL COOPERATION AGENCY

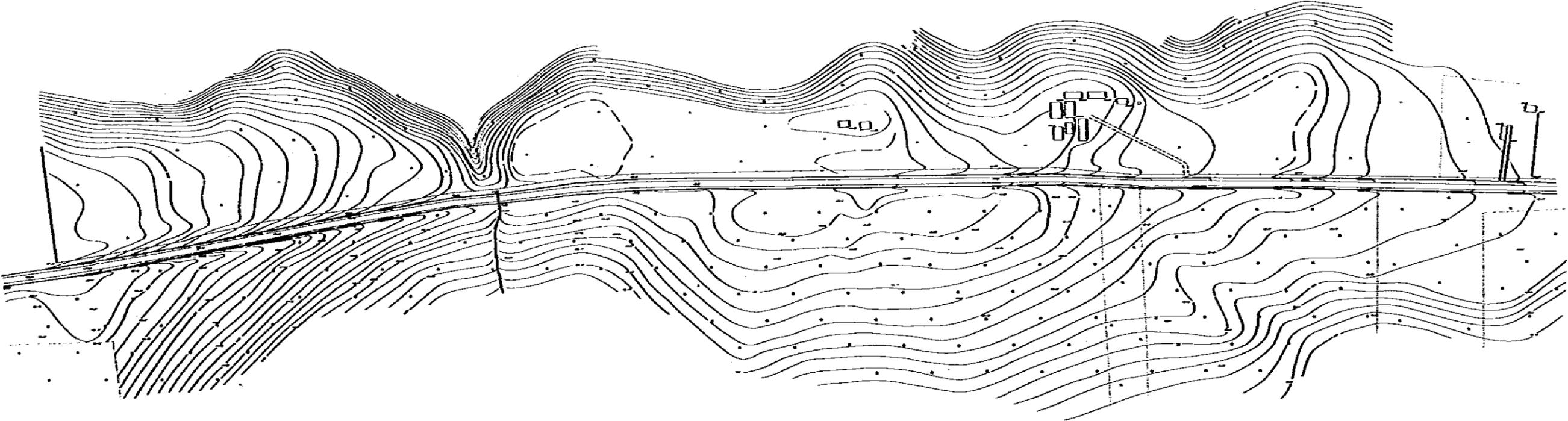
TOPOGRAPHICAL MAP of A DC LAHAT

Scale 1:50,000



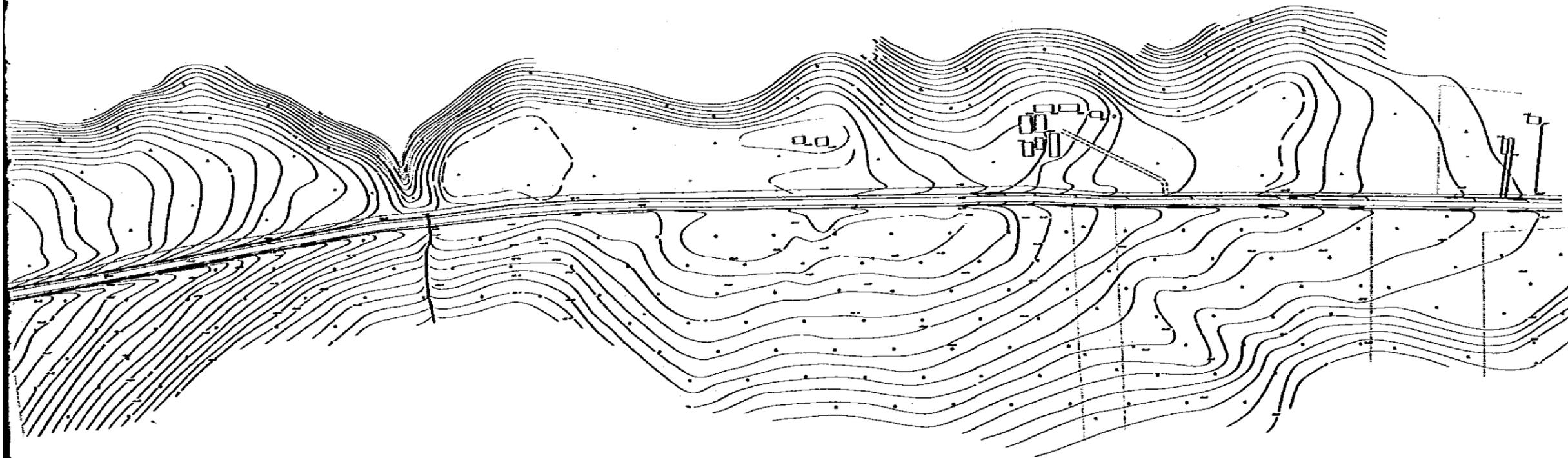
LEGEND

- Seed Field / Fence
- ▲ Uncultivated or Barren Land
- Coffee Land
- Drying Bed
- Copra



TOPOGRAPHICAL MAP of A DC LAHAT

Scale 1:100,000



GOVERNMENT OF INDONESIA			
MINISTRY OF AGRICULTURE			
THE RICE SEED PRODUCTION AND			
DISTRIBUTION PROJECT			
SURVEY MAP OF			
A DC LAHAT BANG BEND FARM			
DATE	JUNE 1966	SCALE	1:100,000
ALPHA INTERNATIONAL COOPERATION AGENCY			

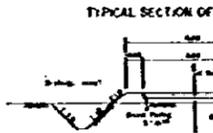
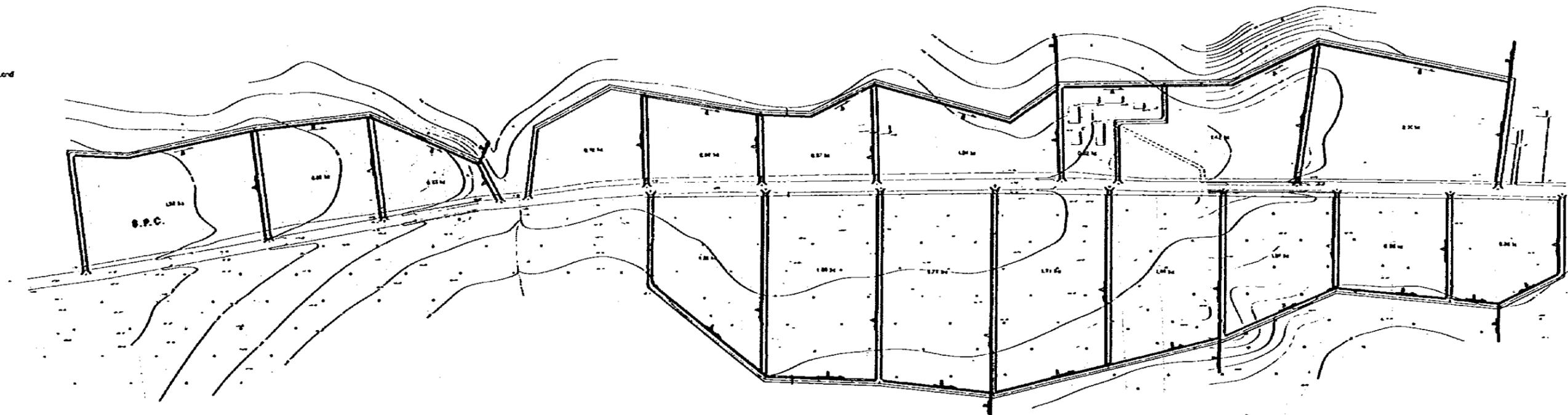
GENERAL PLAN of A,D,C LAHAT

Scale 1:10,000



LEGEND

- Seed Field / Fence
- ▲ Uncultivated or Barren Land
- Coffee Land
- Drying Bed
- Copse



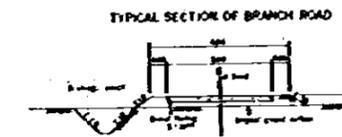
TYPICAL SECTION OF DRAINAGE CANAL



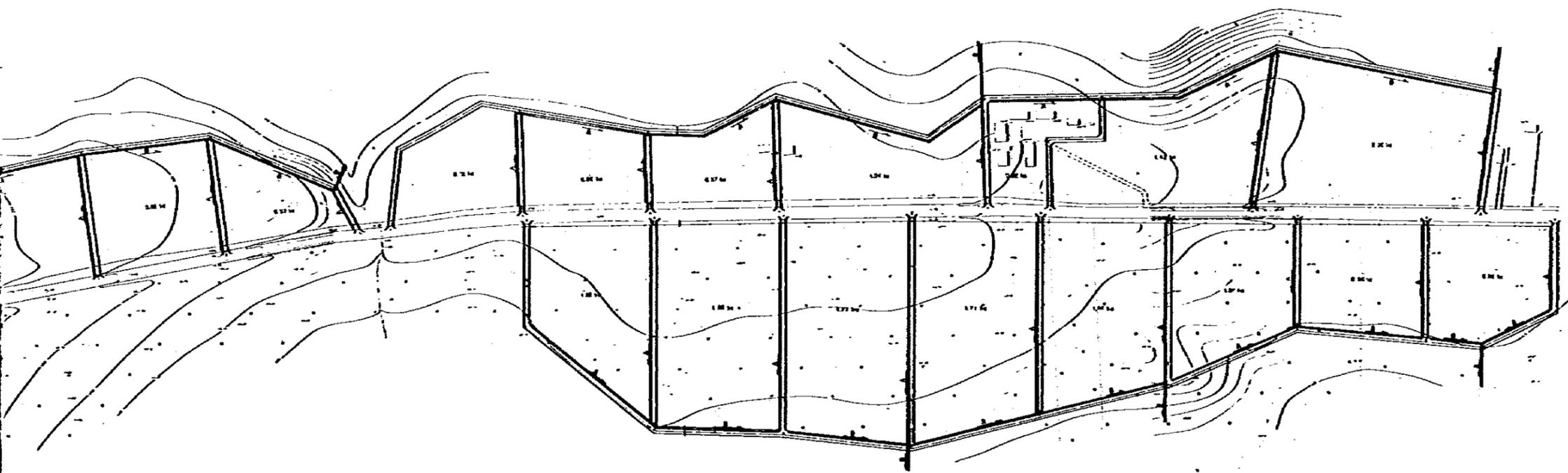
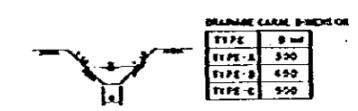
DESIGNED BY	
CHECKED BY	
DATE	
SCALE	
PROJECT NO.	

GENERAL PLAN of A,D,C LAHAT

Scale 1:2,500



DRAINAGE CANAL



GOVERNMENT OF MALAYSIA
 MINISTRY OF AGRICULTURE
 THE RICE SEED PRODUCTION AND
 DISTRIBUTION PROJECT
 GENERAL PLAN OF
 A,D,C LAHAT MAIN BEED FARM
 DATE: JUNE 1962 DRAWING: LA-202
 JAPAN INTERNATIONAL COOPERATION AGENCY

Design of Irrigation System for ADC LAHAT

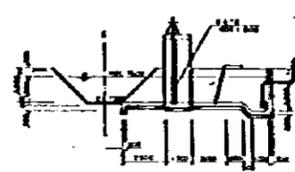
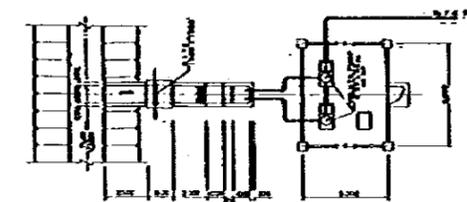
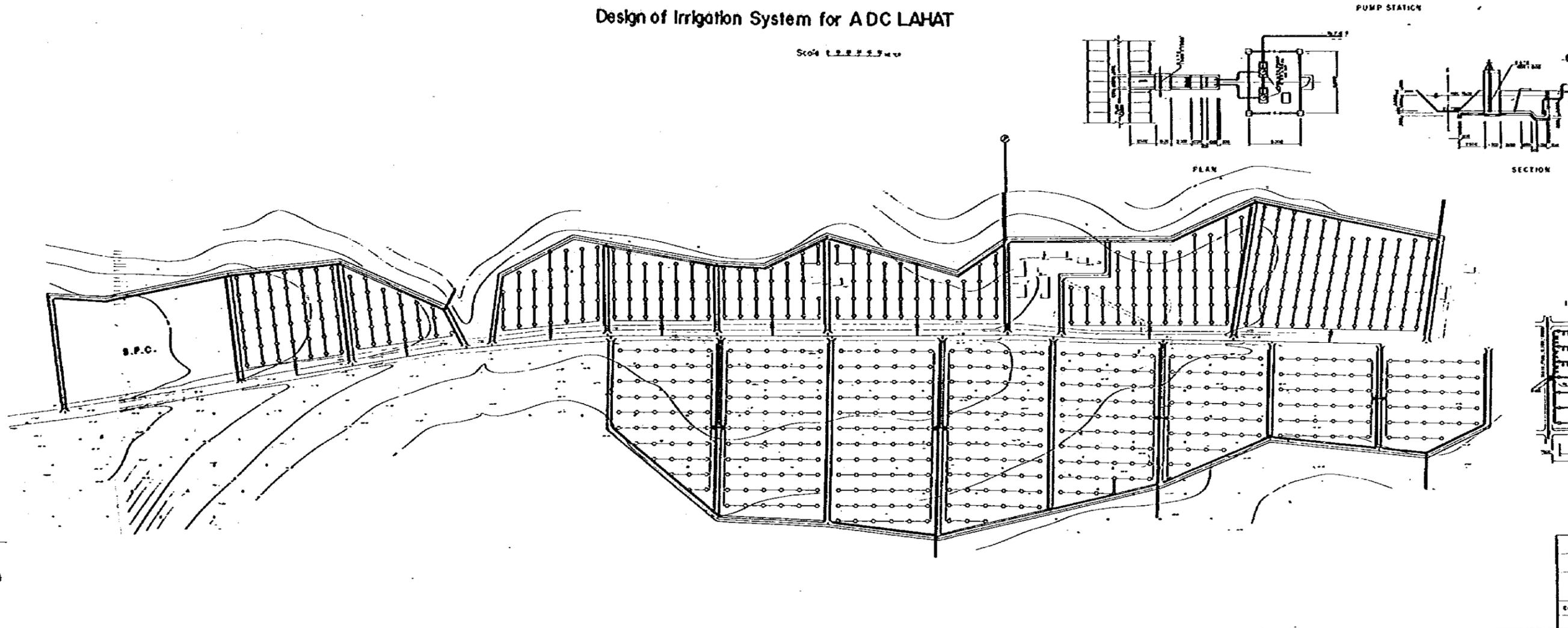
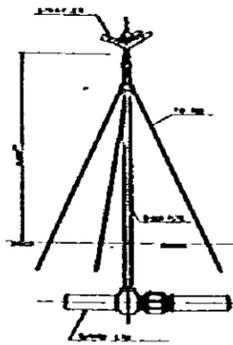
Scale 1:2000



LEGEND

- Seed Field/Fence
- Uncultivated or Barren Land
- Coffee Land
- Drying Bed
- ▲ Copse
- Sprinkler
- Main Pipe Line
- Secondary Pipe Line
- ⊙ Pump Station
- Valve

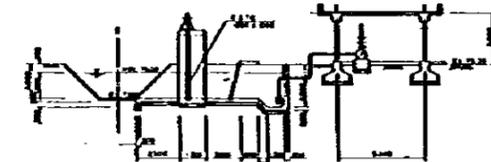
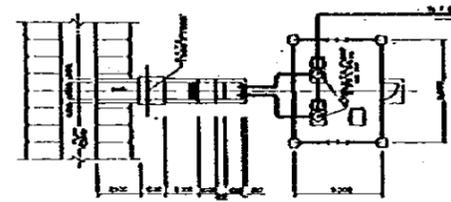
DETAIL OF SPRINKLER



Design of Irrigation System for ADC LAHAT

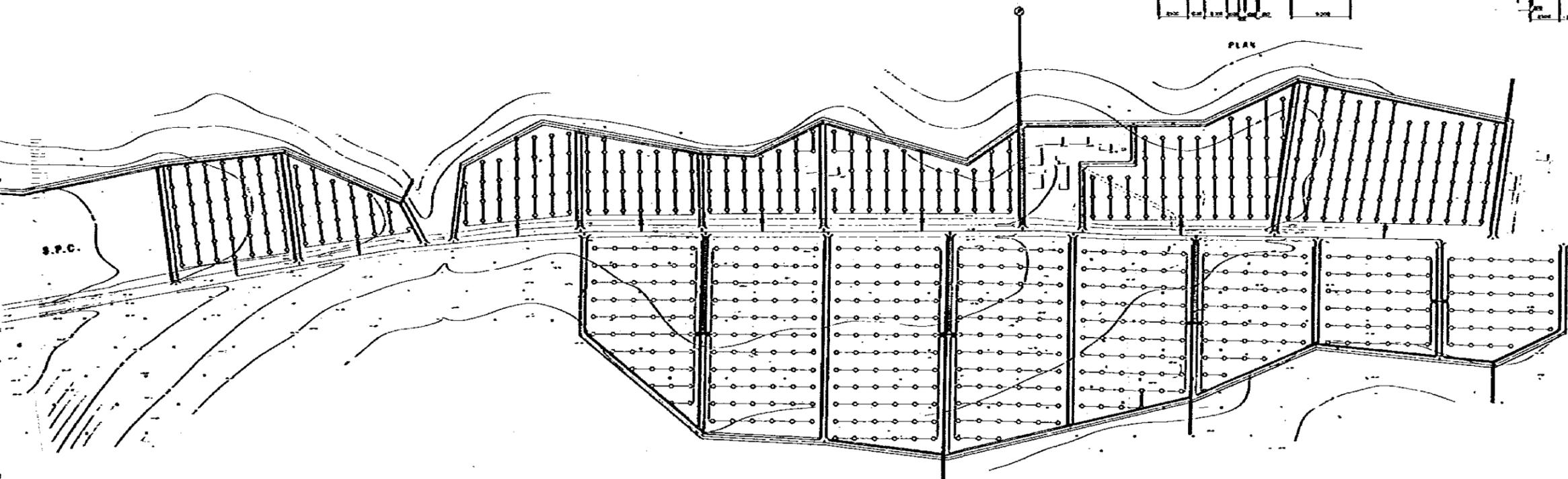
Scale 1:1000

PUMP STATION



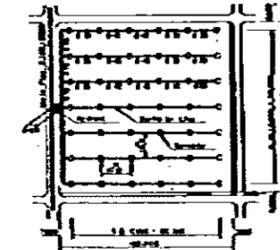
PLAN

SECTION

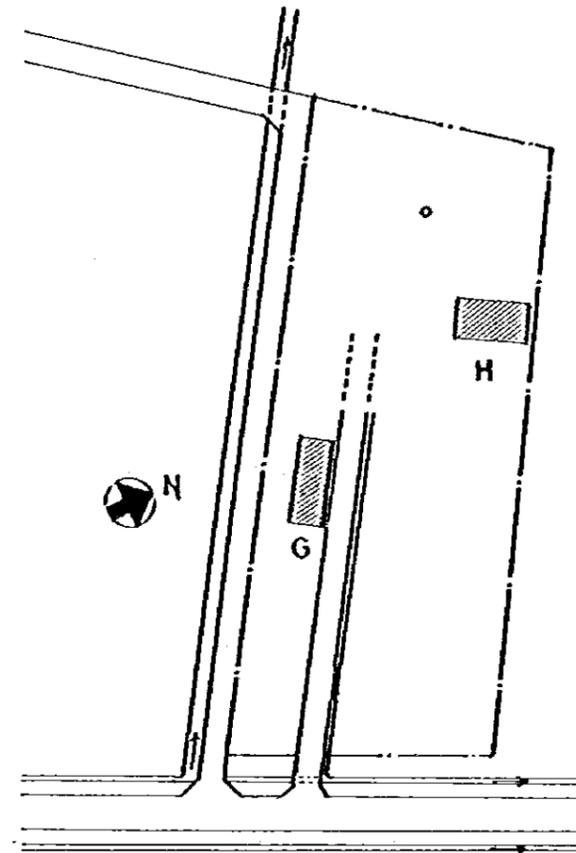
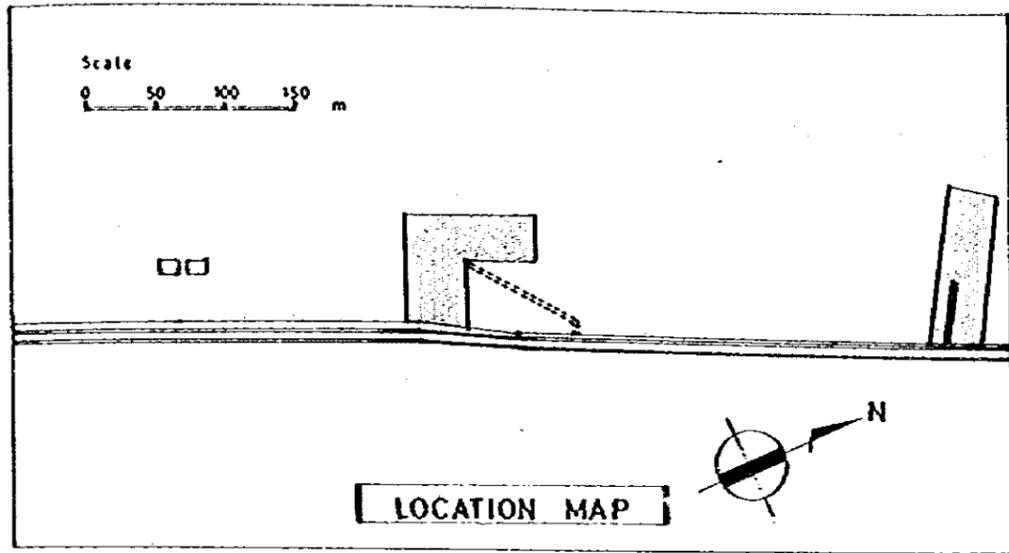


S.P.C.

IRRIGATION SYSTEM

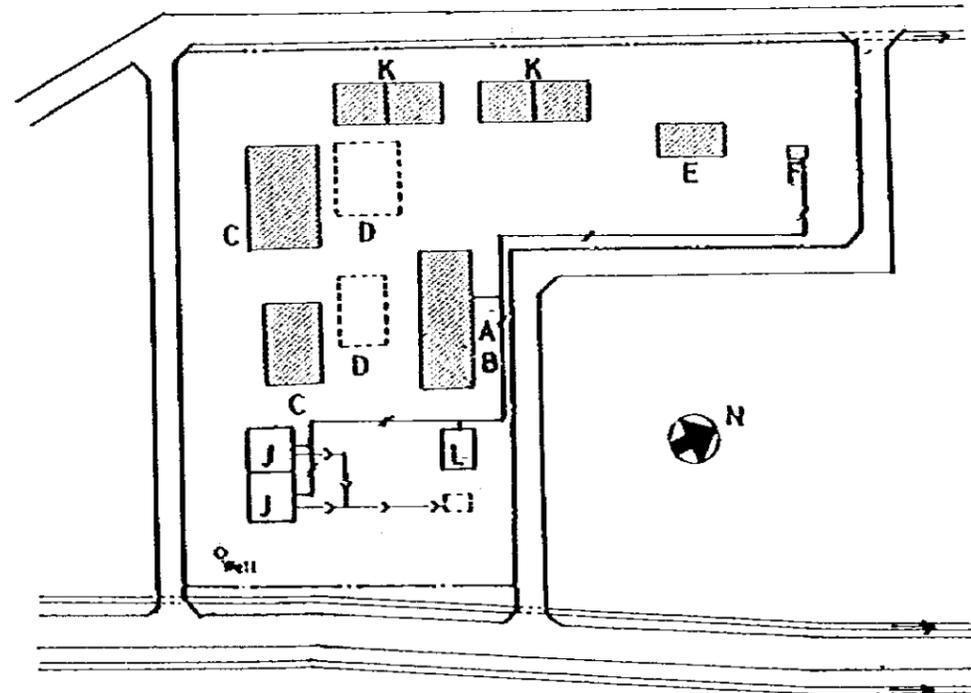
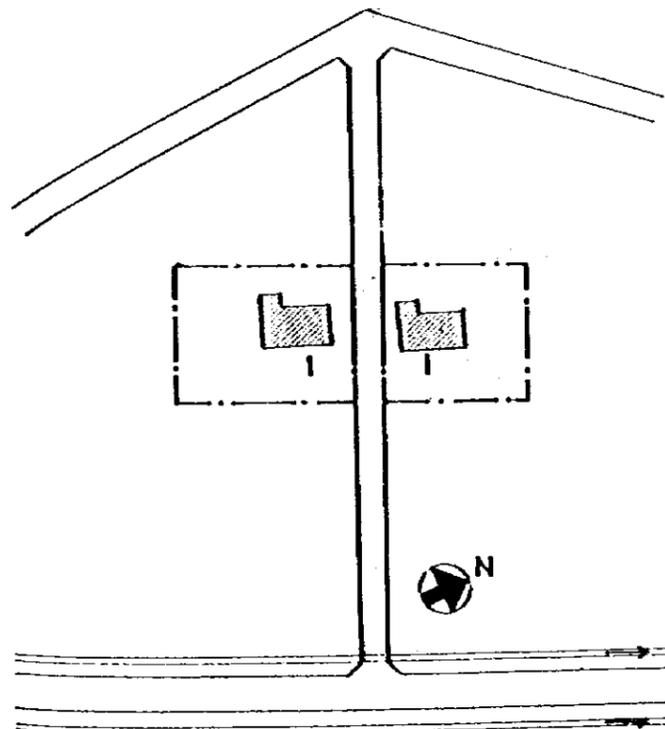


GOVERNMENT OF INDONESIA
 MINISTRY OF AGRICULTURE
 THE RICE REED PRODUCTION AND
 IRRIGATION PROJECT
 DESIGN OF IRRIGATION SYSTEM FOR
 ADC LAHAT MAIN SEED FARM
 DATE: APR 1962 (REVISED) LA-102
 JAPAN INTERNATIONAL COOPERATION AGENCY



LEGEND

A	{ Office	TOTAL	
B	{ Garage	167 m ²	
C	: Seed Storage	TOTAL	251 m ²
D	: Drying Floor	182 m ²	
E	: Car Shed	56 m ²	
F	: Generator Room	7 m ²	
G	: Training Room	47 m ²	
H	: 1. Senior Staffs' Houses	47 m ²	
I	: Senior Staffs' Houses	TOTAL	166 m ²
J	: Junior Staffs' Houses	100 m ²	
K	: Assistant Staffs' Houses	224 m ²	
L	: Car Shed	30 m ²	
110°	: Electrical		
---	: Water Supply		
→	: Drainage		
□	: Planning Houses		
▨	: Existence Houses		



Scale 0 10 20 30 40 50 m

GOVERNMENT OF INDONESIA MINISTRY OF AGRICULTURE			
THE RICE SEED PRODUCTION AND DISTRIBUTION PROJECT			
SITE PLAN OF ADC LAHAT MAIN SEED FARM			
DATE	JUNE 1982	DWS. NO.	LA-104
JAPAN INTERNATIONAL COOPERATION AGENCY			

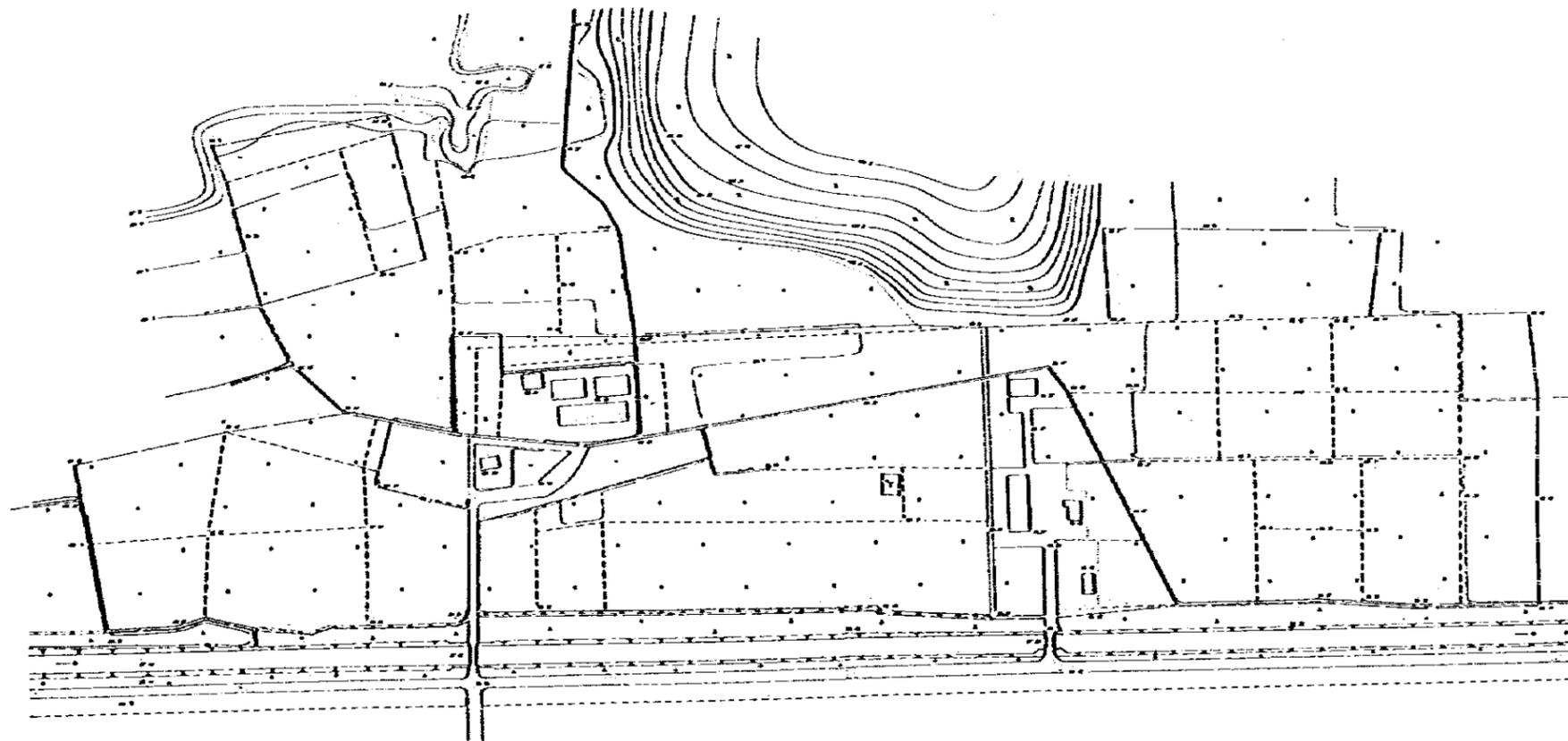
TOPOGRAPHICAL MAP of TUGUMULYO

Scale 1:25,000



LEGEND

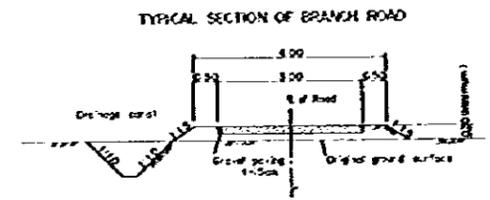
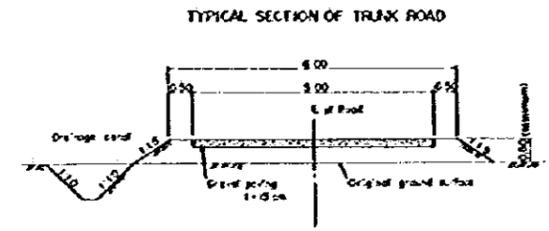
- Seed Farm Size
- - - Fence/Seed Field
- Paddy Field
- Form Field
- Drying Bed
- Meteorological Yard
- Copse
- Uncultivated or Barren Land



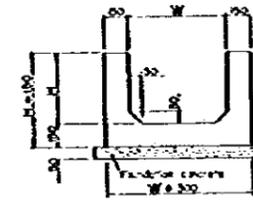
GOVERNMENT OF INDONESIA			
MINISTRY OF AGRICULTURE			
THE RICE SEED PRODUCTION AND DISTRIBUTION PROJECT			
SURVEY MAP OF			
TUGUMULYO MAIN SEED FARM			
DATE	JUNE 1962	DWG NO	TU-101
JAPAN INTERNATIONAL COOPERATION AGENCY			

GENERAL PLAN of TUGUMULYO

Scale 1:10000 METERS



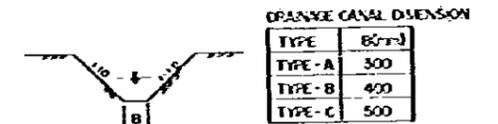
IRRIGATION CANAL



IRRIGATION CANAL DIMENSION

TYPE	W	H
TYPE-a	300	250
TYPE-b	400	350
TYPE-c	500	450

DRAINAGE CANAL

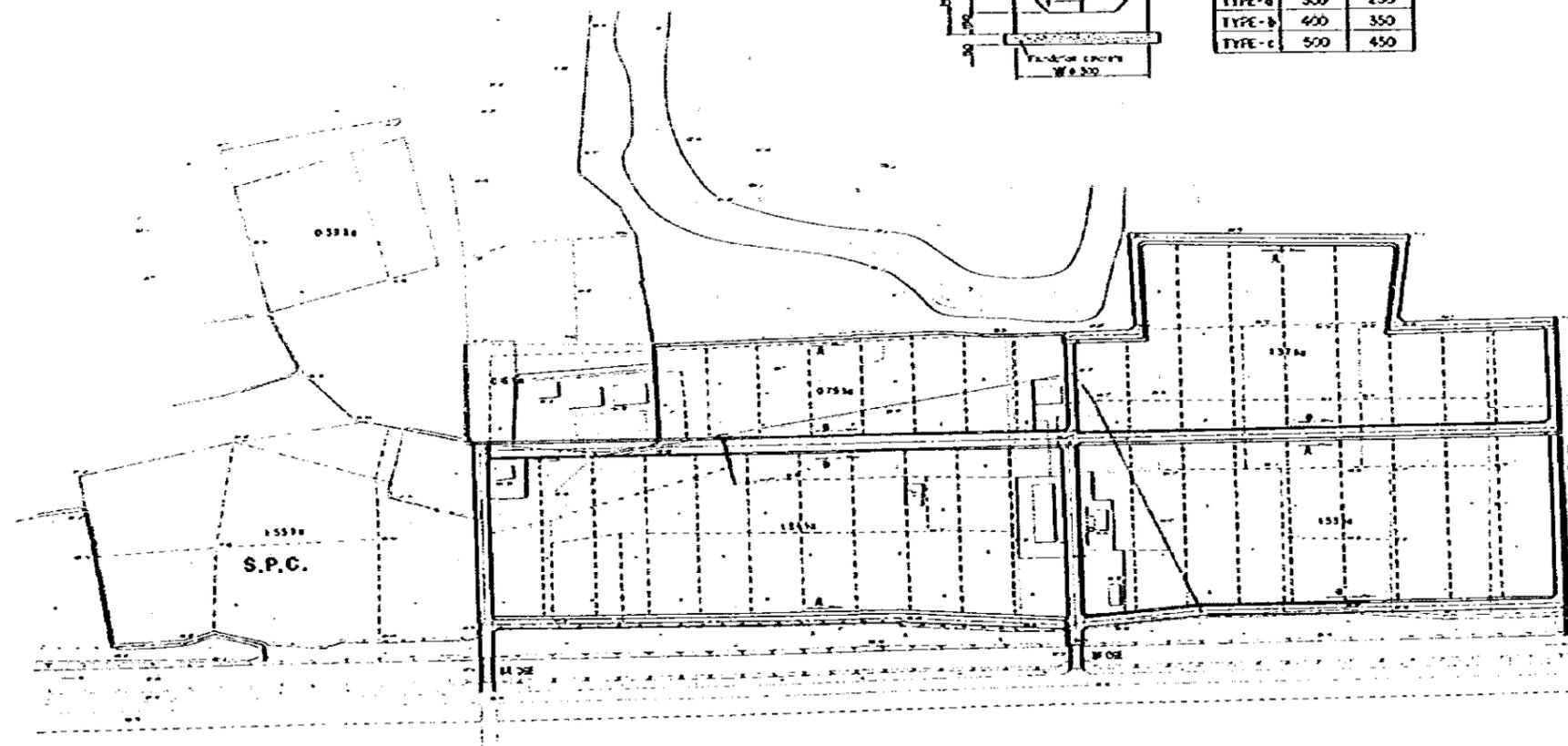


DRAINAGE CANAL DIMENSION

TYPE	W	H
TYPE-A	300	250
TYPE-B	400	350
TYPE-C	500	450

LEGEND

- Seed Farm Site
- Fence/Seed Field
- Paddy Field
- Farm Field
- Drying Bed
- Meteorological Yard
- Copse
- Uncultivated or Barren Land



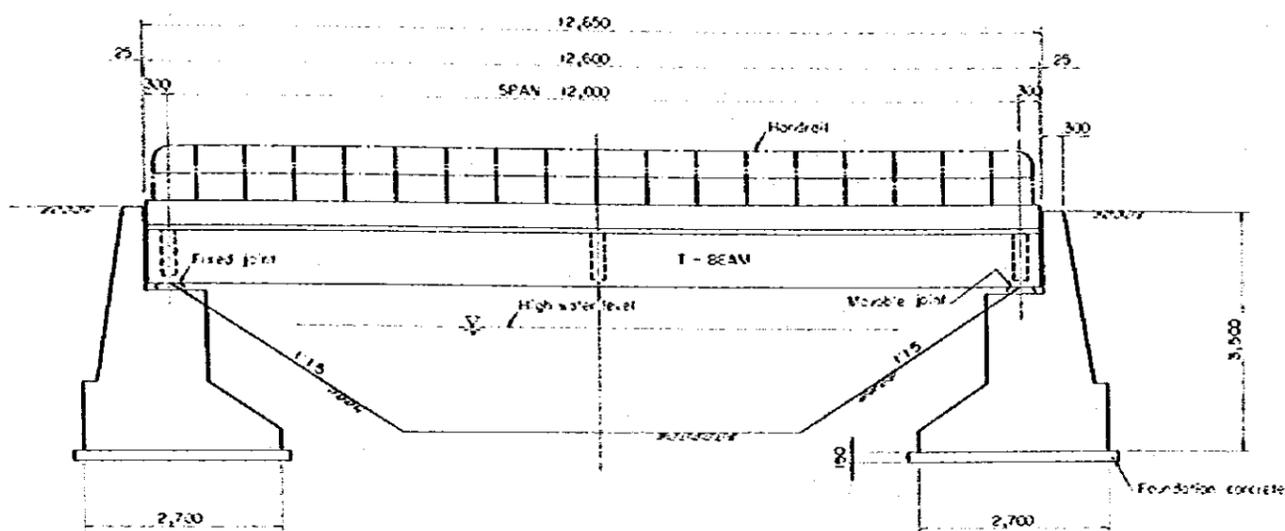
GOVERNMENT OF INDONESIA
 MINISTRY OF AGRICULTURE
 THE RICE SEED PRODUCTION AND
 DISTRIBUTION PROJECT

GENERAL PLAN OF
 TUGUMULYO MAIN SEED FARM

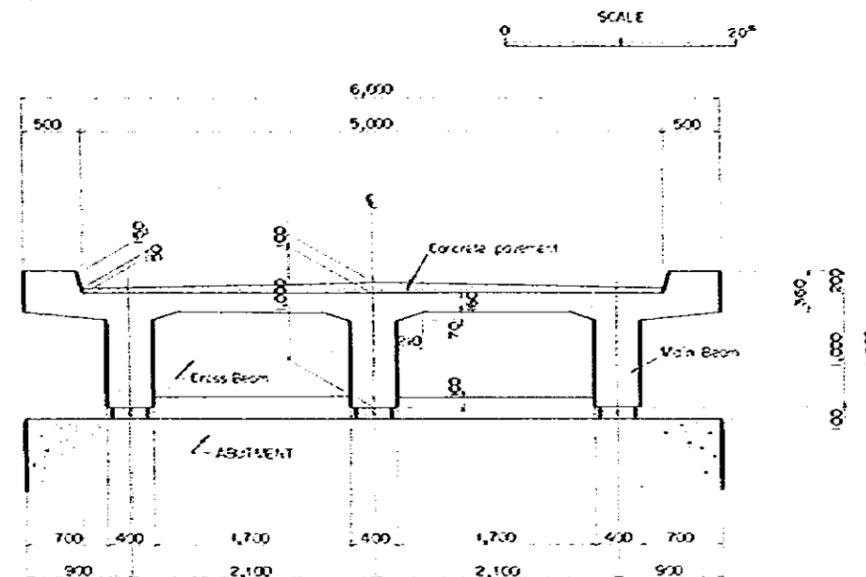
DATE	JUNE 1952	CBS NO	TU-102
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JAPAN INTERNATIONAL COOPERATION AGENCY

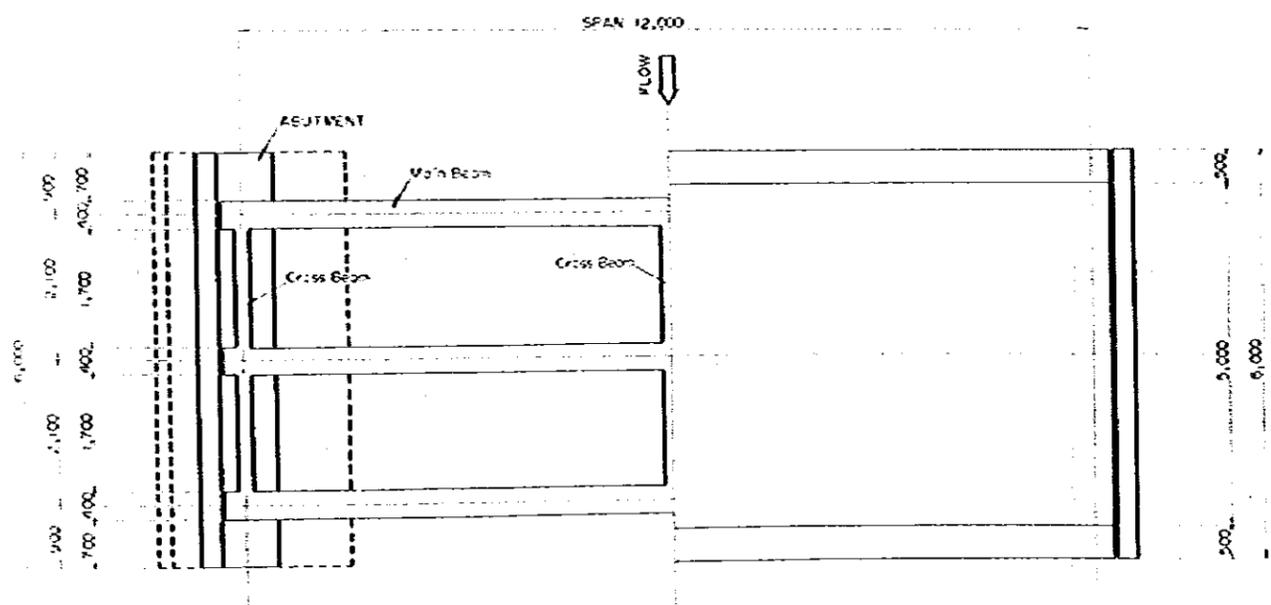
PROFILE



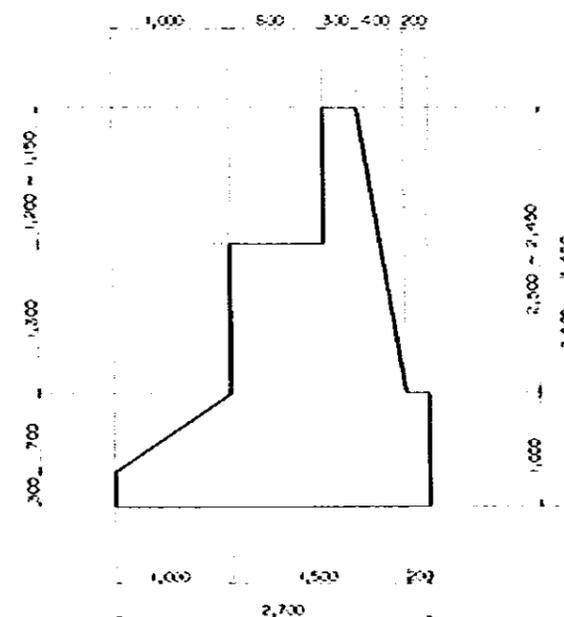
TYPICAL SECTION OF BEAM



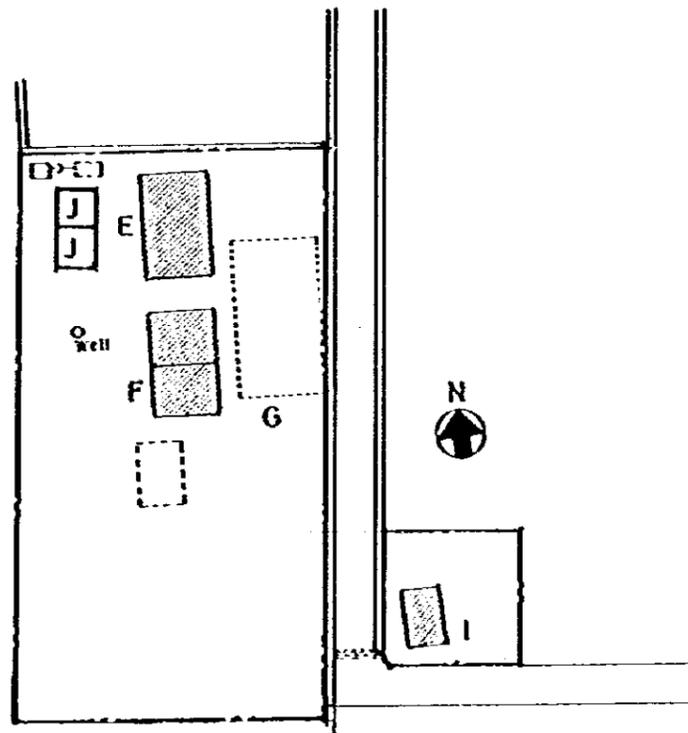
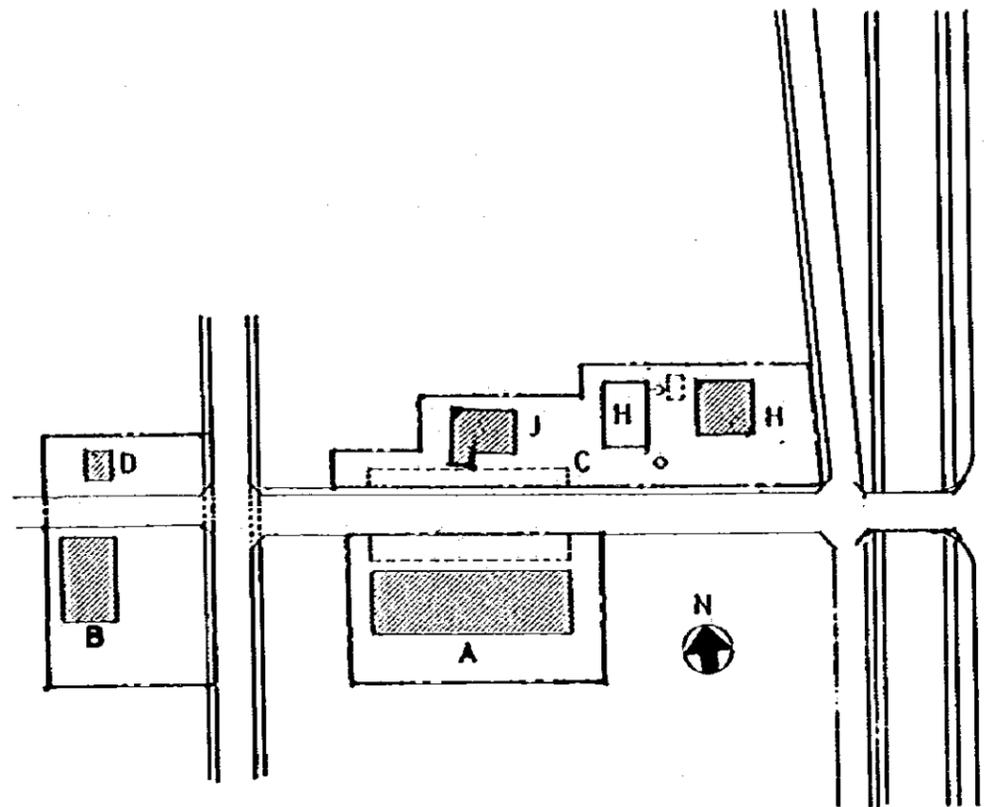
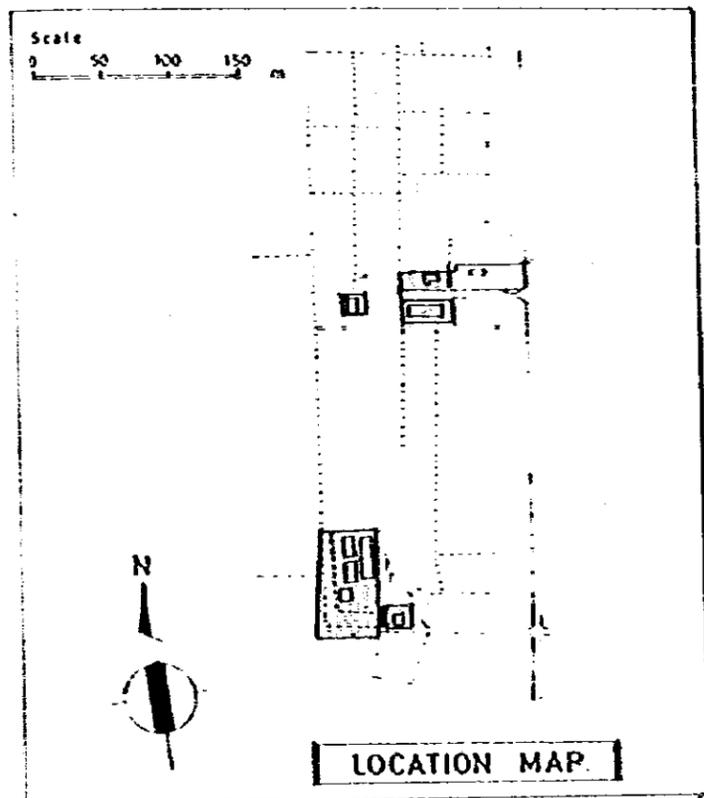
PLAN



ABUTMENT

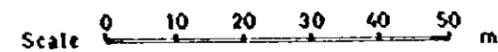


GOVERNMENT OF INDONESIA
 MINISTRY OF AGRICULTURE
 THE RICE SEED PRODUCTION AND
 DISTRIBUTION PROJECT
 CONCRETE BRIDGE STRUCTURES OF
 TUGUMULYO MAIN SEED FARM
 DATE | JUNE 1982 | DAG NO | TU-103
 JAPAN INTERNATIONAL COOPERATION AGENCY



LEGEND

A	{ Office	
	{ Seed Storage	
	{ Garage	TOTAL 292 m ²
B	{ Car Shed	
	{ Seed Storage	TOTAL 101 m ²
C	: Drying Bed	403 m ²
D	: Ware Hovel	16 m ²
E	{ Ware-house	
	{ Garage	TOTAL 156 m ²
F	: Seed Storage	156 m ²
G	: Drying Floor	294 m ²
H	: Senior Staffs' Houses	TOTAL 145 m ²
I	: Junior Staffs' Houses	109 m ²
J	: Assistant Staffs' Houses	117 m ²
⊙	: Electrical	
---	: Water Supply	
→	: Drainage	
▨	: Existence Houses	
□	: Planning Houses	



GOVERNMENT OF INDONESIA MINISTRY OF AGRICULTURE			
THE RICE SEED PRODUCTION AND DISTRIBUTION PROJECT			
SITE PLAN OF TUGAJMULYO MAIN SEED FARM			
DATE	JUNE 1982	ENG. NO.	TU-104
JAPAN INTERNATIONAL COOPERATION AGENCY			

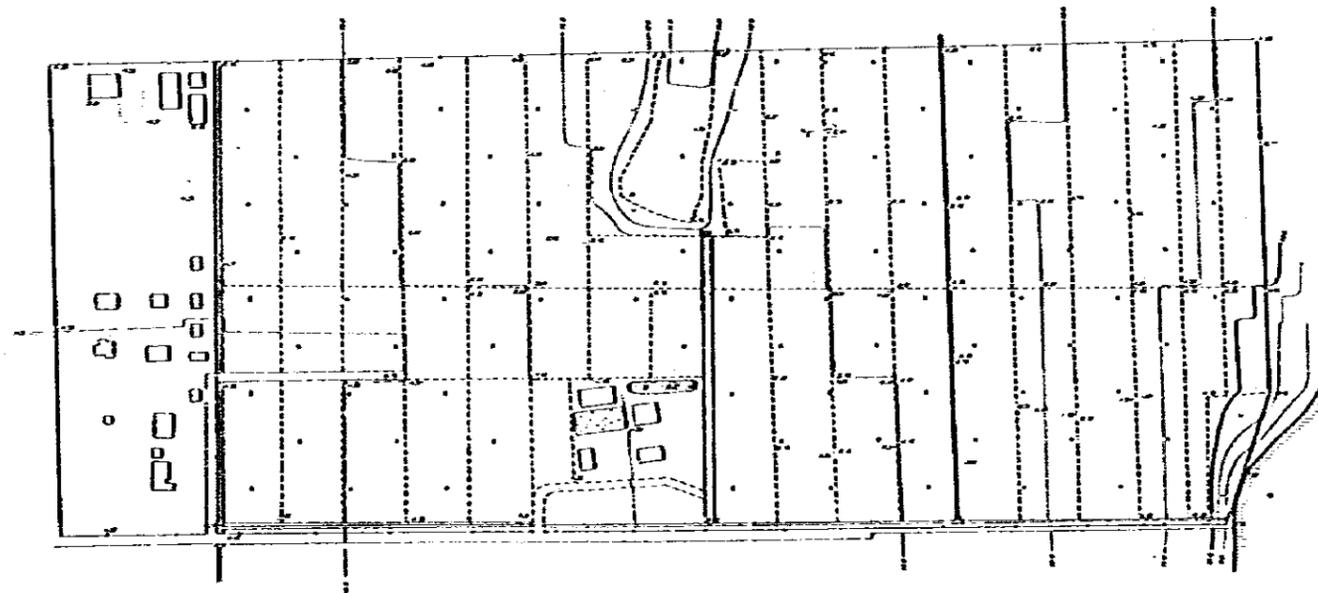
TOPOGRAPHICAL MAP of WAY JEPARA

Scale 1:25,000 METERS



LEGEND

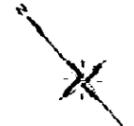
- Seed Field/Fence
- Paddy Field
- Form Field
- ⊖ Swamp Area
- Drying Bed
- ☉ Meteorological Yard



GOVERNMENT OF INDONESIA			
MINISTRY OF AGRICULTURE			
THE RICE SEED PRODUCTION AND DISTRIBUTION PROJECT			
SURVEY MAP OF			
WAY JEPARA CENTRAL SEED FARM			
DATE	JUNE 1982	ORG NO	WJ-101
JAPAN INTERNATIONAL COOPERATION AGENCY			

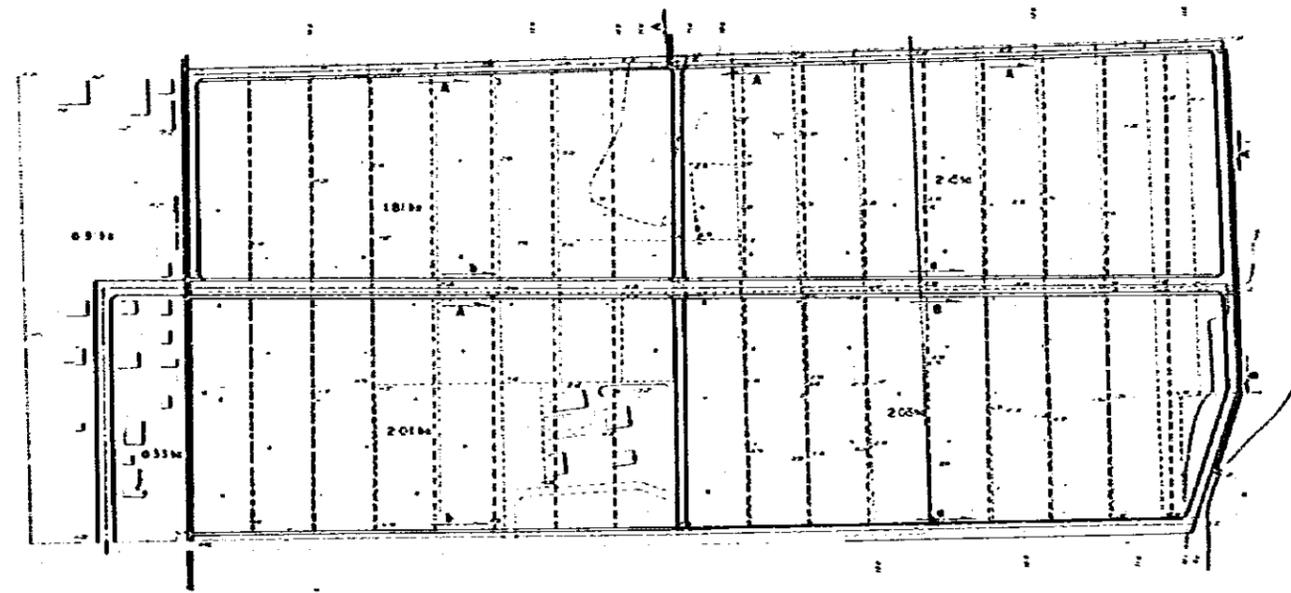
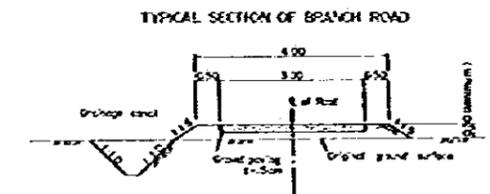
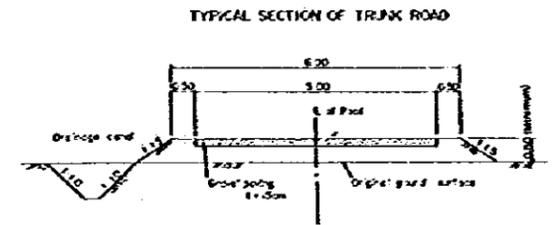
GENERAL PLAN of WAY JEPARA

Scale 0 10 20 30 40 50 METER

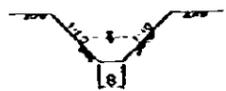


LEGEND

- Seed Field/Fence
- ... Paddy Field
- ... Farm Field
- Swamp Area
- Drying Bed
- Meteorological Yard



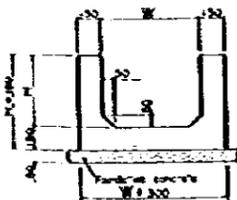
DRAINAGE CANAL



DRAINAGE CANAL DIMENSION

TYPE	B (m)
TYPE-A	300
TYPE-B	400
TYPE-C	500

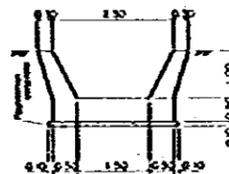
IRRIGATION CANAL



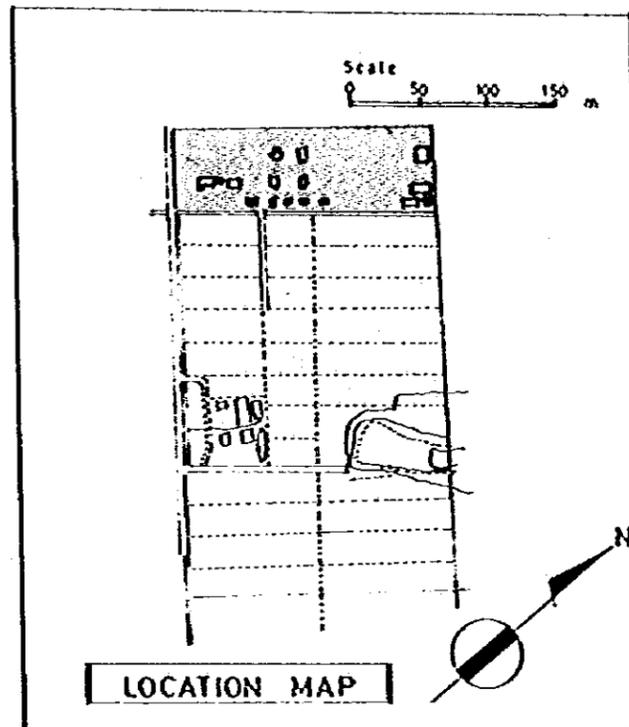
IRRIGATION CANAL DIMENSION

TYPE	W	H
TYPE-a	300	250
TYPE-b	400	350
TYPE-c	500	450

Driving channel
SCALE 1:100

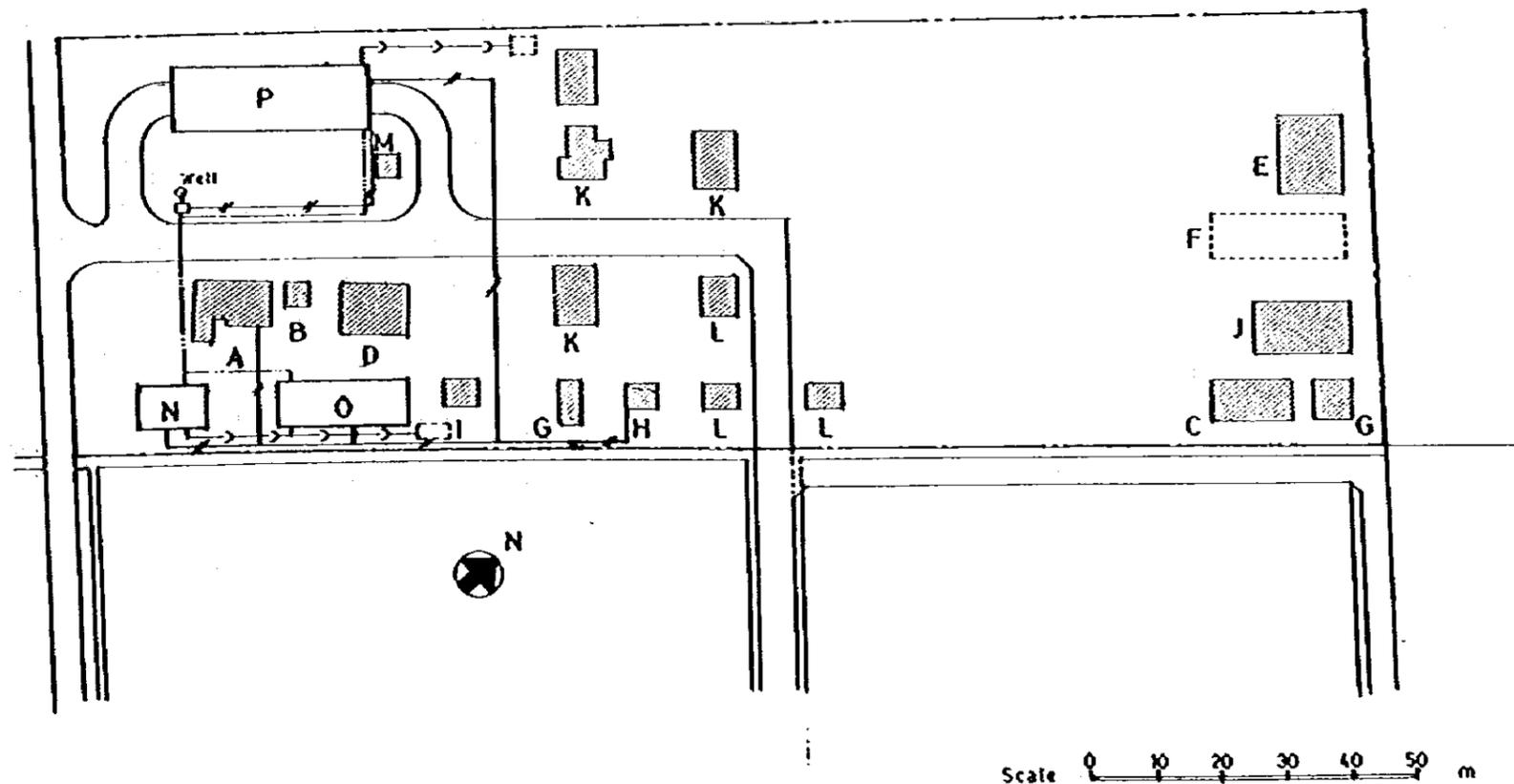


GOVERNMENT OF INDONESIA			
DEPARTMENT OF AGRICULTURE			
THE RICE SEED PRODUCTION AND DISTRIBUTION PROJECT			
GENERAL PLAN OF			
WAY JEPARA CENTRAL SEED FARM			
DATE	JUNE 1952	DWG NO.	WJ-102
JAPAN INTERNATIONAL COOPERATION AGENCY			



LEGEND

A : Office	84 m ²
B : Laboratory	16 m ²
C : Garage	75 m ²
D : Meeting House	80 m ²
E : Seed Storage	120 m ²
F : Drying Bed	200 m ²
G : Ware-houses	TOTAL 61 m ²
H : Generator Room	20 m ²
I : Car Shed	20 m ²
J : Tractor Shed	120 m ²
K : Senior Staffs' Houses	TOTAL 171 m ²
L : Assistant Staffs' Houses	TOTAL 78 m ²
M : Guard Hovel	9 m ²
N : Training Center	70 m ²
O : Dormitory	147 m ²
P : Work Shop	300 m ²
: Electrical	
: Water Supply	
: Drainage	
: Planning Houses	
: Existence Houses	



GOVERNMENT OF INDONESIA			
MINISTRY OF AGRICULTURE			
THE RICE SEED PRODUCTION AND DISTRIBUTION PROJECT			
SITE PLAN OF WAY-JEPARA CENTRAL SEED FARM			
DATE	JUNE 1982	DWG. NO.	WJ-103
JAPAN INTERNATIONAL COOPERATION AGENCY			

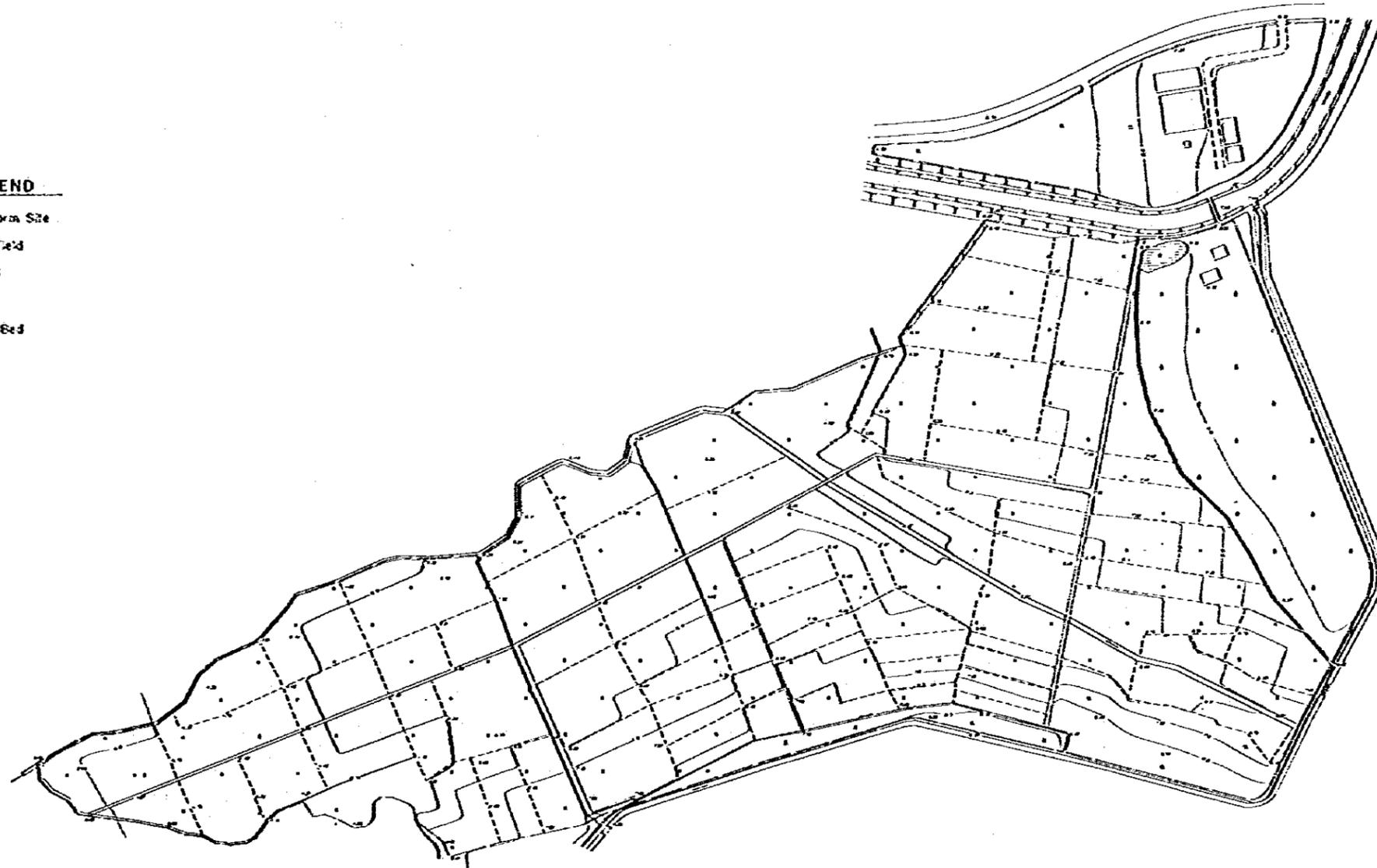
TOPOGRAPHICAL MAP of METRO

Scale 1:25,000 METER



LEGEND

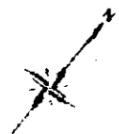
- Seed Farm Site
- Paddy Field
- Orchard
- Copse
- Drying Bed



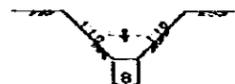
GOVERNMENT OF INDONESIA			
MINISTRY OF AGRICULTURE			
THE RICE SEED PRODUCTION AND DISTRIBUTION PROJECT			
SURVEY MAP OF			
METRO MAIN SEED FARM			
DATE	JUNE 1992	CSS NO	ME-101
JAPAN INTERNATIONAL COOPERATION AGENCY			

GENERAL PLAN of METRO

Scale 1:1000



DRAINAGE CANAL

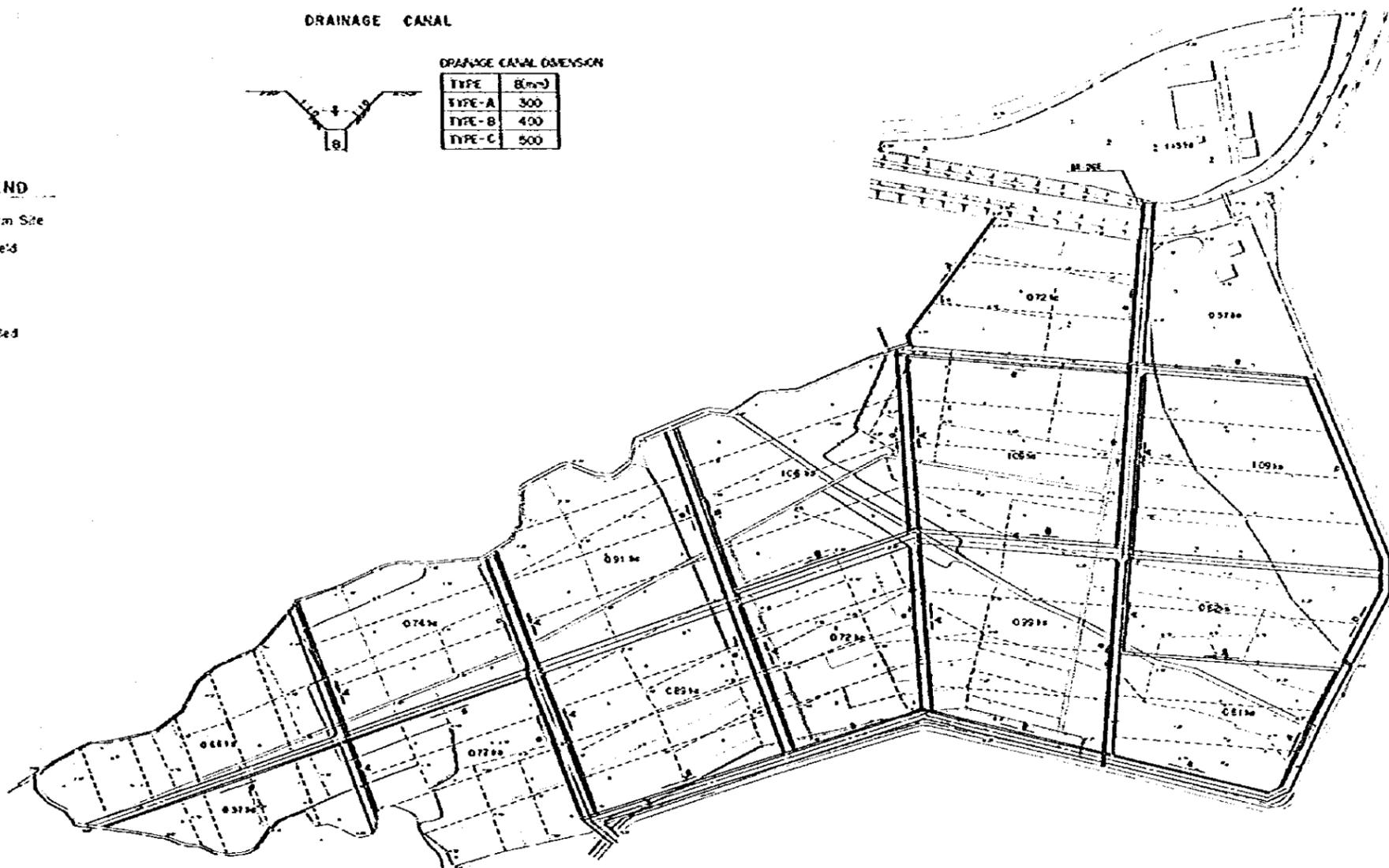


DRAINAGE CANAL DIMENSION

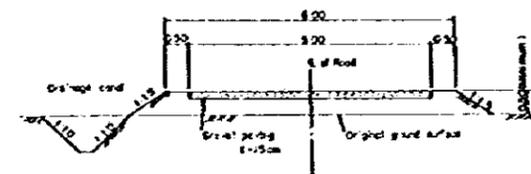
TYPE	B(m)
TYPE-A	300
TYPE-B	400
TYPE-C	500

LEGEND

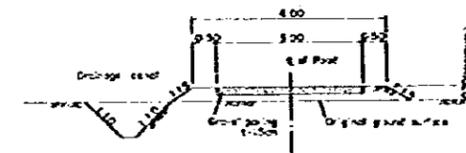
- Seed Farm Site
- Paddy Field
- Orchard
- Copse
- Drying Bed



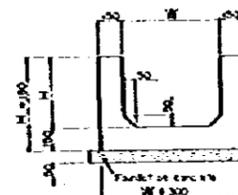
TYPICAL SECTION OF TRUNK ROAD



TYPICAL SECTION OF BRANCH ROAD



IRRIGATION CANAL

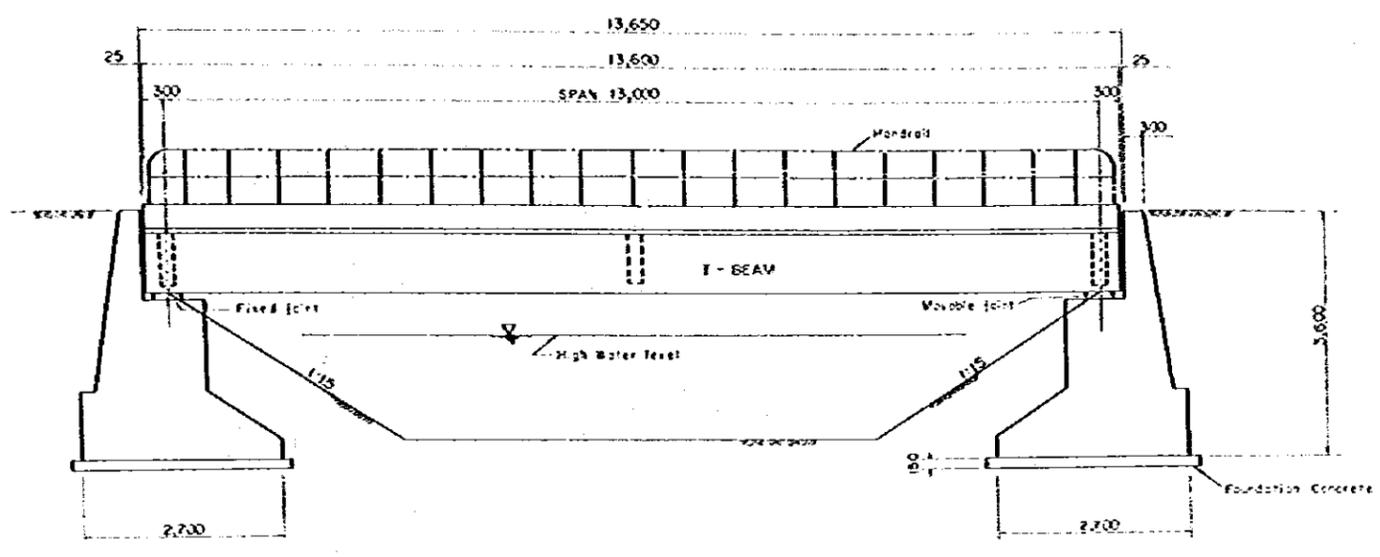


IRRIGATION CANAL DIMENSION

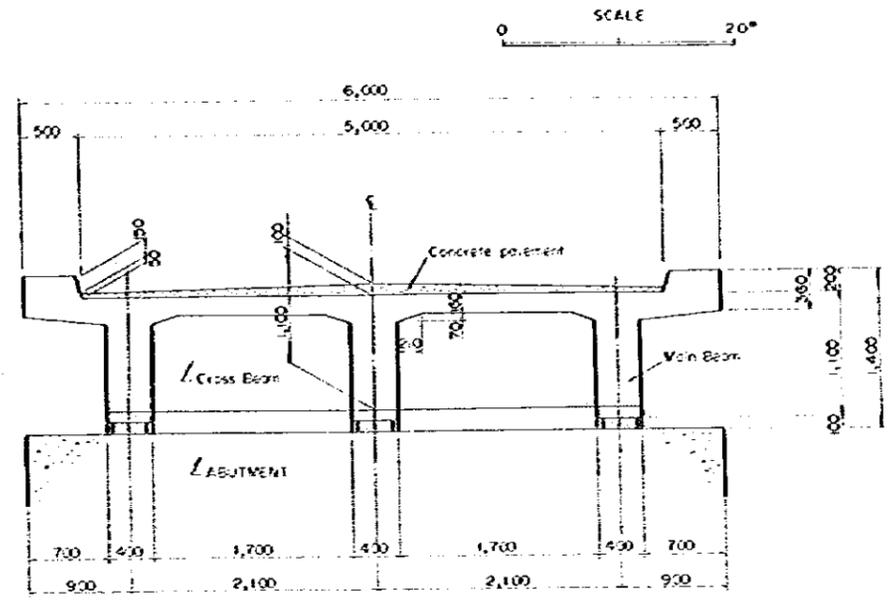
TYPE	W	H
TYPE-a	300	250
TYPE-b	400	350
TYPE-c	500	450

GOVERNMENT OF INDONESIA
 MINISTRY OF AGRICULTURE
 THE RICE SEED PRODUCTION AND
 DISTRIBUTION PROJECT
 GENERAL PLAN OF
 METRO MAIN SEED FARM
 DATE: JUNE 1982 DNG NO: ME-182
 JAPAN INTERNATIONAL COOPERATION AGENCY

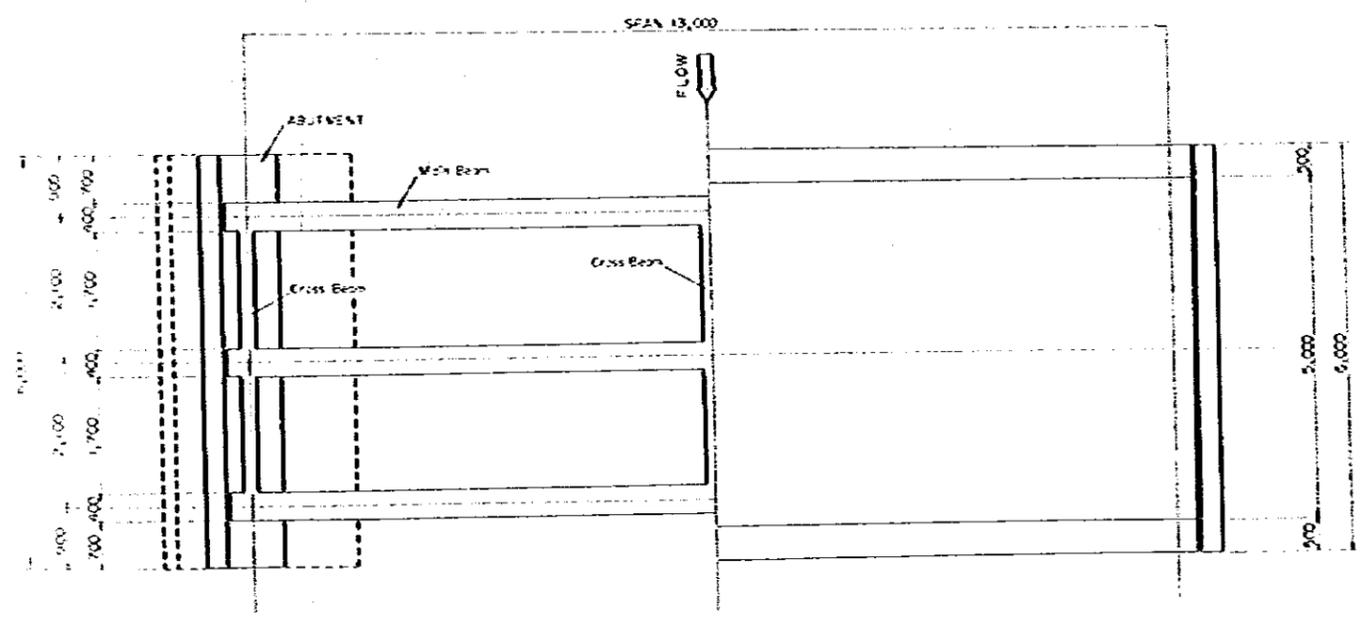
PROFILE



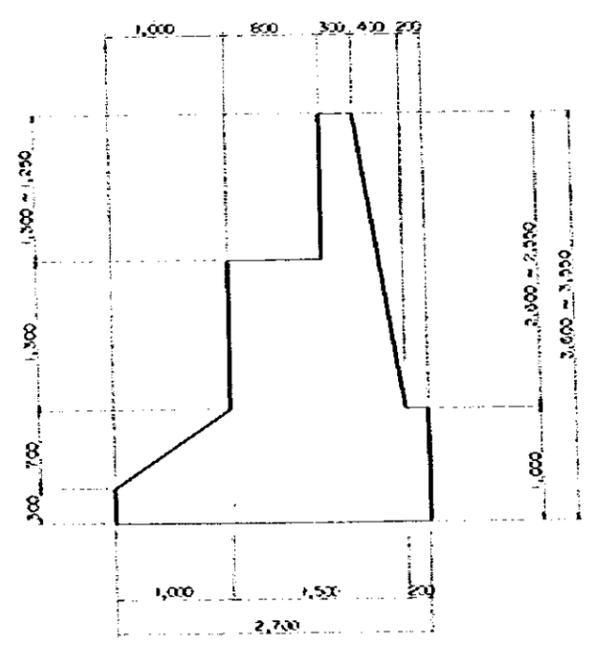
TYPICAL SECTION OF BEAM



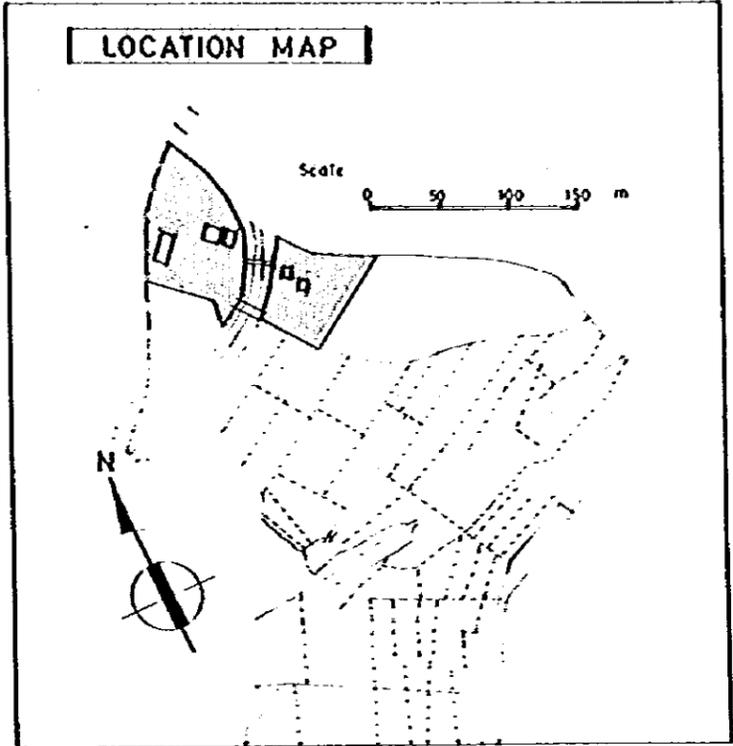
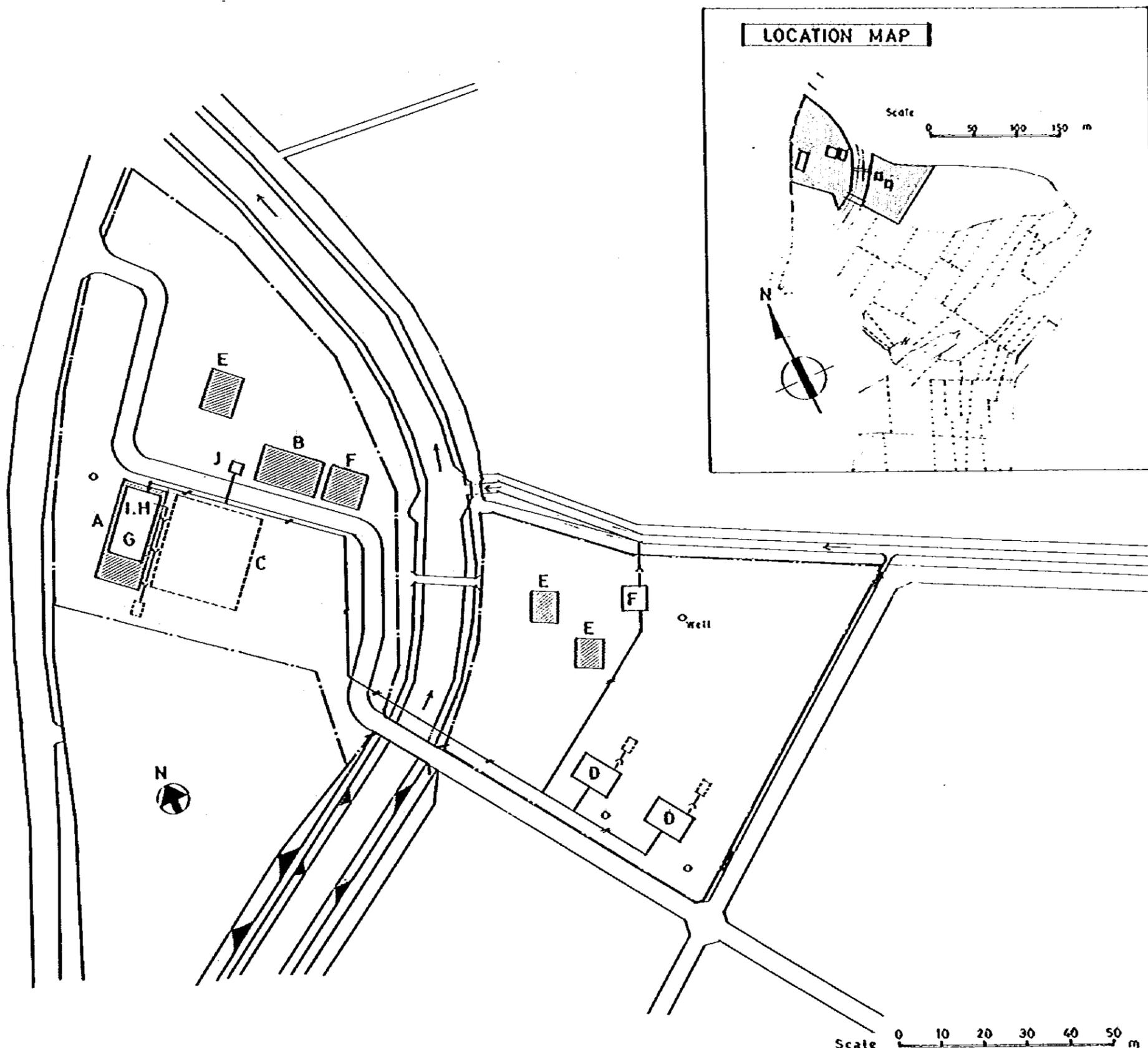
PLAN



ABUTMENT



GOVERNMENT OF INDONESIA
MINISTRY OF AGRICULTURE
THE RICE SEED PRODUCTION AND
DISTRIBUTION PROJECT
CONCRETE BRIDGE STRUCTURES OF
METRO MAIN SEED FARM
DATE JUNE 1982 DAG NO. ME-103
JAPAN INTERNATIONAL COOPERATION AGENCY



LEGEND

A	{ Office	
	{ Seed Storage	TOTAL 247 m ²
B	: Garage	113 m ²
C	: Drying	521 m ²
D	: Senior Staffs' Houses	TOTAL 140 m ²
E	: Junior Staffs' Houses	TOTAL 160 m ²
F	: Assistant Staffs' Houses	TOTAL 111 m ²
G	: Seed Storage	100 m ²
H	: Office	30 m ²
I	: Car Shed	30 m ²
J	: Generator Room	10 m ²
	: Electrical	
	: Water Supply	
	: Drainage	
	: Planning Houses	
	: Existence Houses	

GOVERNMENT OF INDONESIA MINISTRY OF AGRICULTURE			
THE RICE SEED PRODUCTION AND DISTRIBUTION PROJECT			
SITE PLAN OF METRO MAIN SEED FARM			
DATE	JUNE 1982	DWG. NO.	ME-104
JAPAN INTERNATIONAL COOPERATION AGENCY			

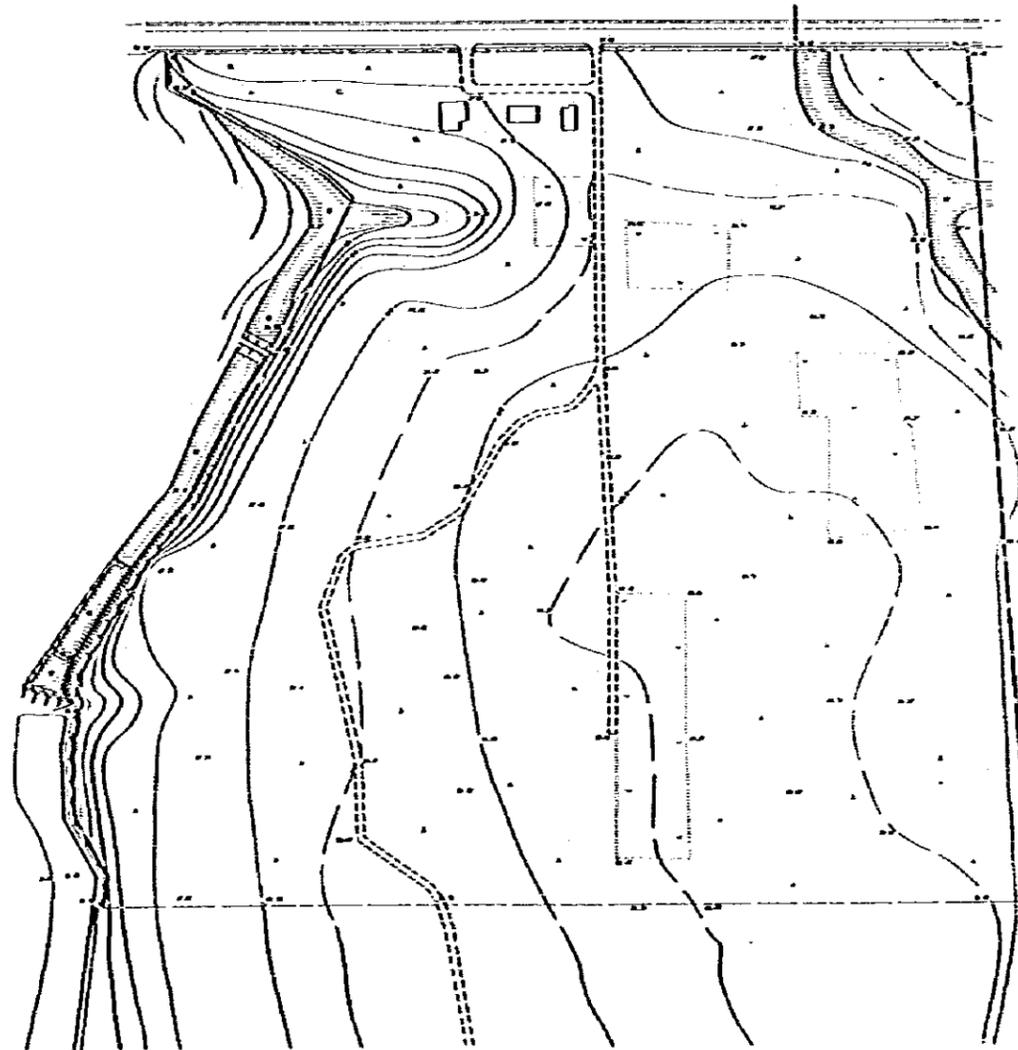
TOPOGRAPHICAL MAP of TANJUNG IMAN

Scale 1:25,000 METERS



LEGEND

- Seed Farm Site
- Foddy Field
- Form Field
- △ Uncultivated or Barren Land
- ◉ Swamp Area
- Copse



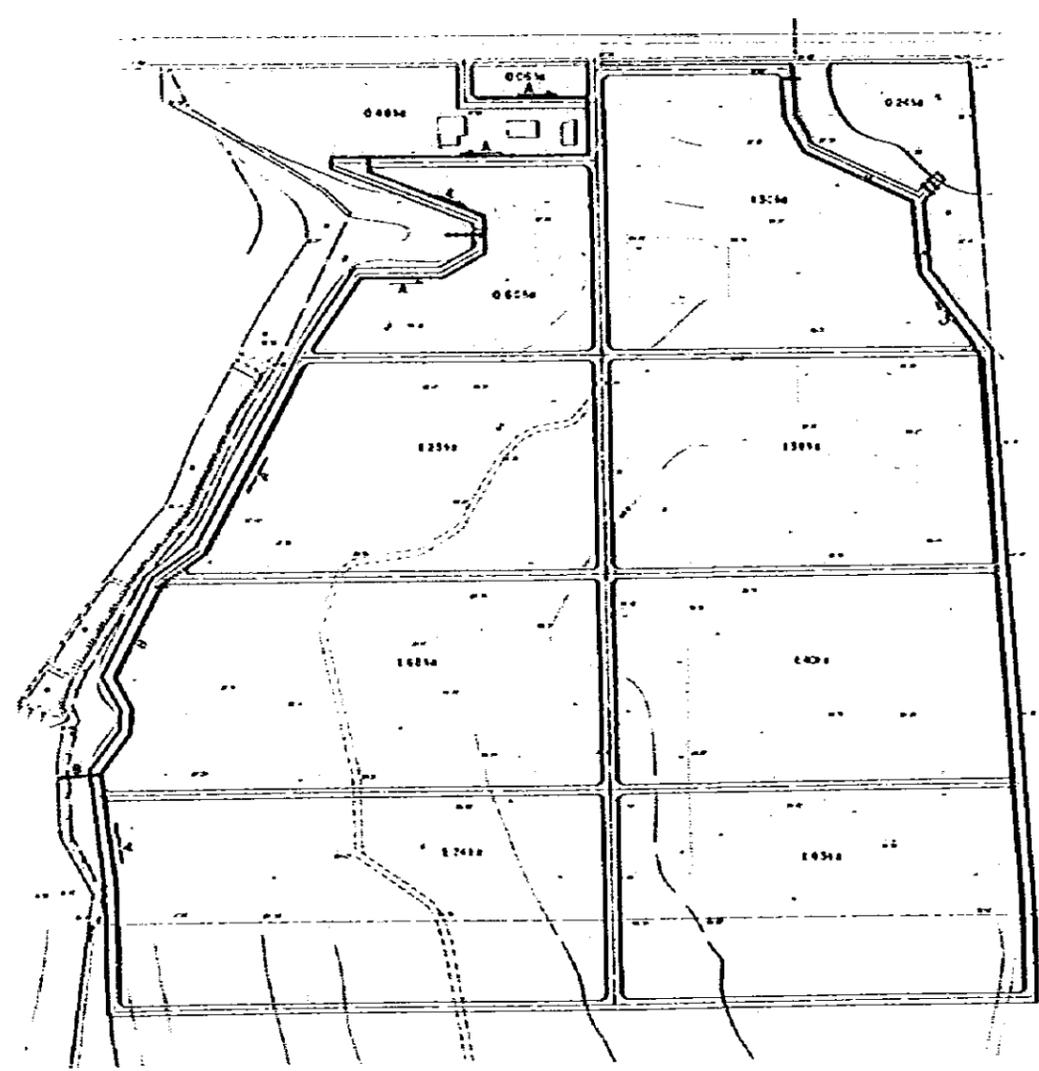
GOVERNMENT OF INDONESIA			
MINISTRY OF AGRICULTURE			
THE RICE SEED PRODUCTION AND DISTRIBUTION PROJECT			
SURVEY MAP OF			
TANJUNG IMAN MAIN SEED FARM			
DATE	JUNE 1962	DRS NO	11-101
JAPAN INTERNATIONAL COOPERATION AGENCY			

GENERAL PLAN of TANJUNG IMAN

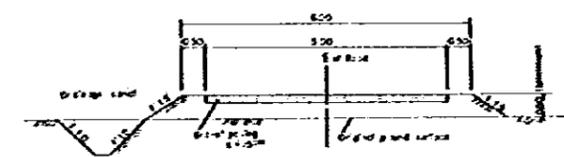
Scale 1:20,000 METER



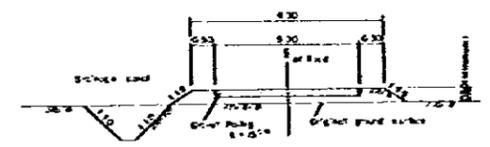
- LEGEND**
- Seed Farm Site
 - Foamy Field
 - Form Field
 - Uncultivated or Barren Land
 - Swamp Area
 - Copse



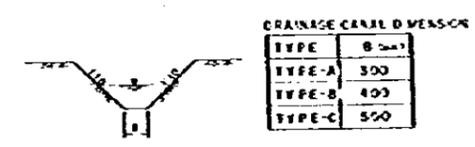
TYPICAL SECTION OF TRUNK ROAD



TYPICAL SECTION OF BRANCH ROAD



DRAINAGE CANAL



DRAINAGE CANAL DIMENSION	
TYPE	8-20-1
TYPE-A	300
TYPE-B	400
TYPE-C	500

GOVERNMENT OF INDONESIA
 MINISTRY OF AGRICULTURE
 THE RICE SEED PRODUCTION AND
 DISTRIBUTION PROJECT

GENERAL PLAN OF
 TANJUNG IMAN SEED FARM

DATE: JUNE 1962 DRS NO: 81-102

JAFAN INTERNATIONAL COOPERATION AGENCY

Design of Irrigation System for TANJUNG IMAN

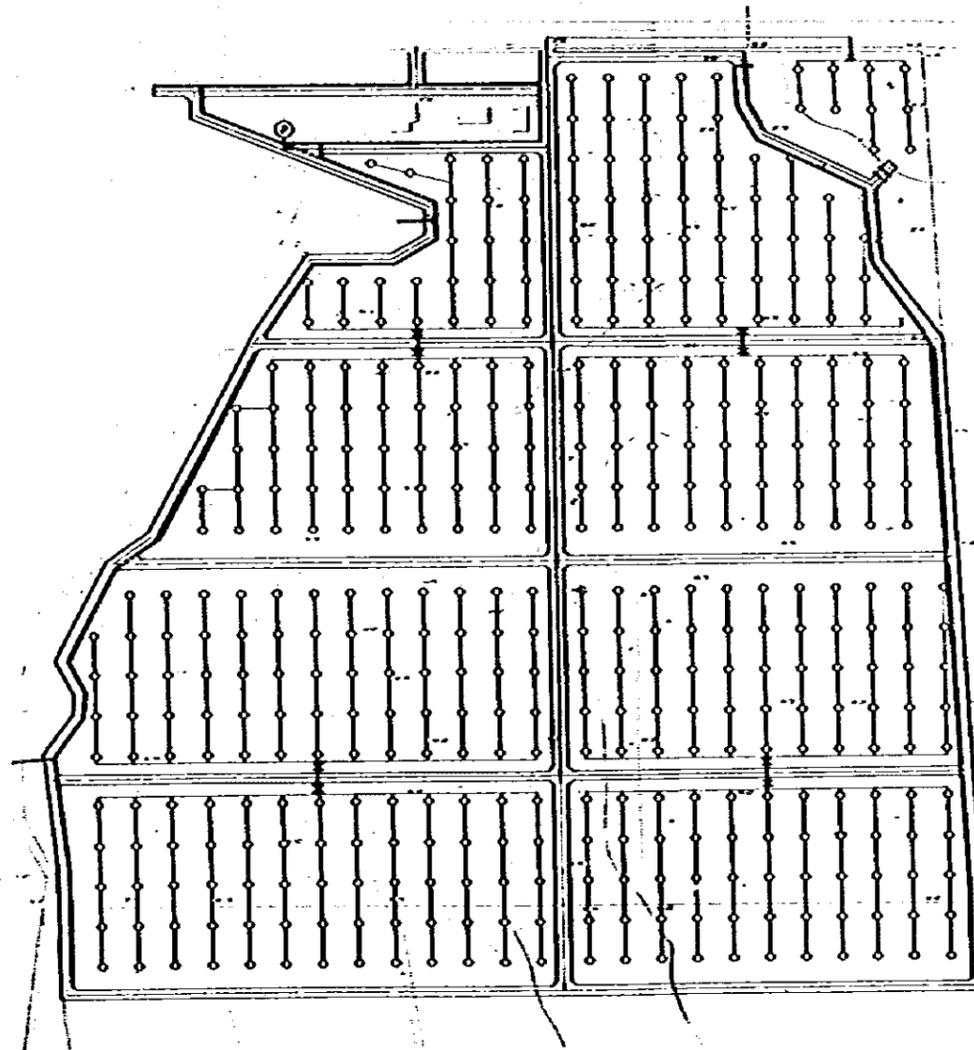
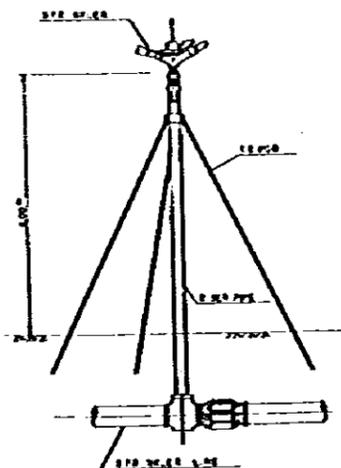
Scale 1:1000 METERS



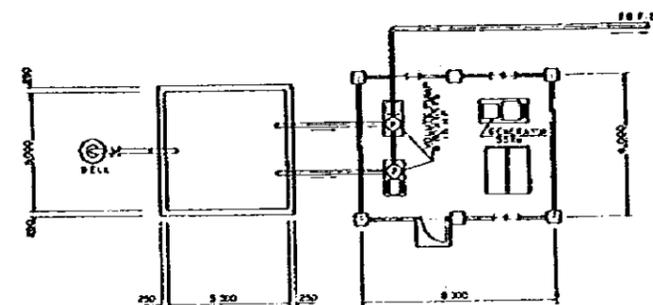
LEGEND

- Seed Farm Site
- Paddy Field
- Form Field
- Uncultivated or Empty Land
- Swamp Area
- Copse
- Sprinkler
- Main Pipe Line
- Secondary Pipe Line
- ⊙ Pump Station
- x Valve

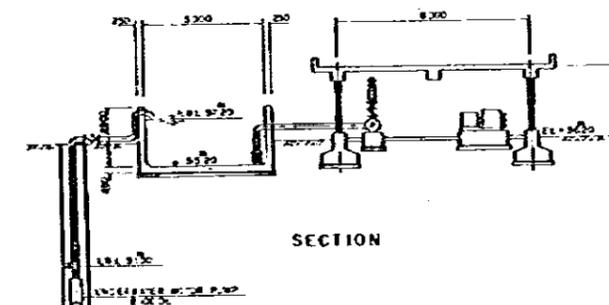
DETAIL OF SPRINKLER



PUMP STATION

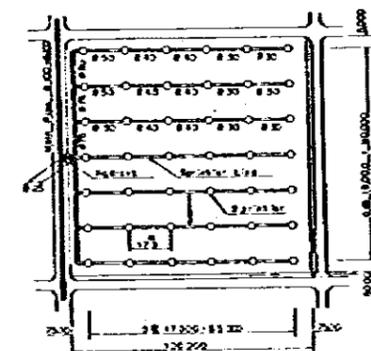


PLAN

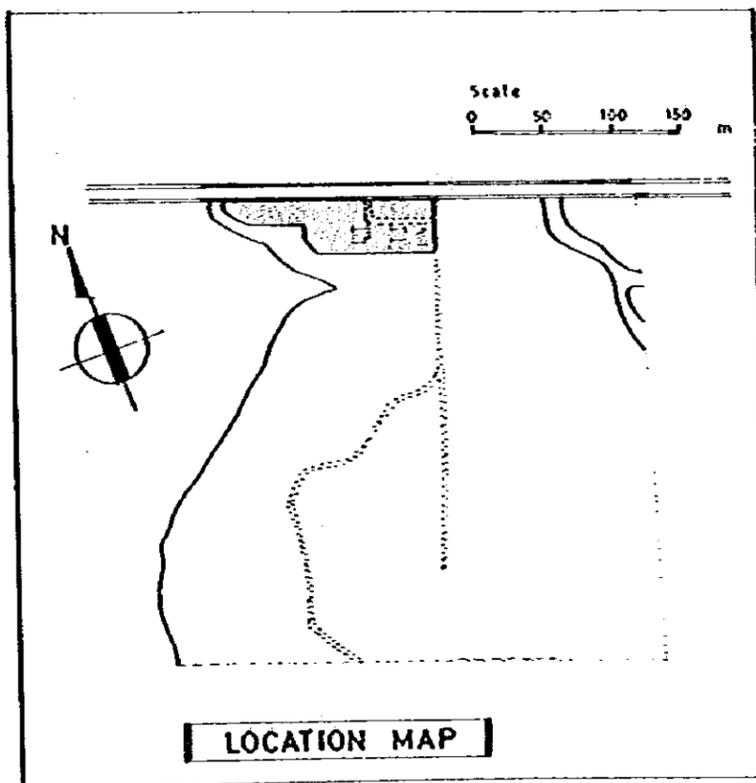
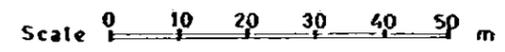
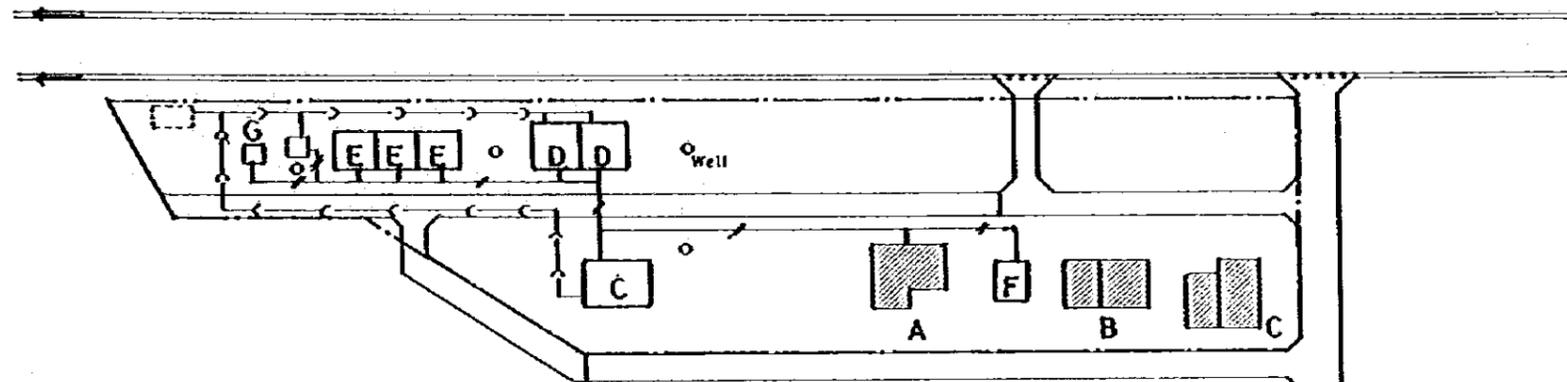


SECTION

IRRIGATION SYSTEM



GOVERNMENT OF INDONESIA
 MINISTRY OF AGRICULTURE
 THE RICE SEED PRODUCTION AND
 DISTRIBUTION PROJECT
**DESIGN OF IRRIGATION SYSTEM FOR
 TANJUNG IMAN SEED FARM**
 DATE | JUNE 1962 | ORS NO | TI-103
 ICR - INTERNATIONAL COOPERATION AGENCY



LOCATION MAP

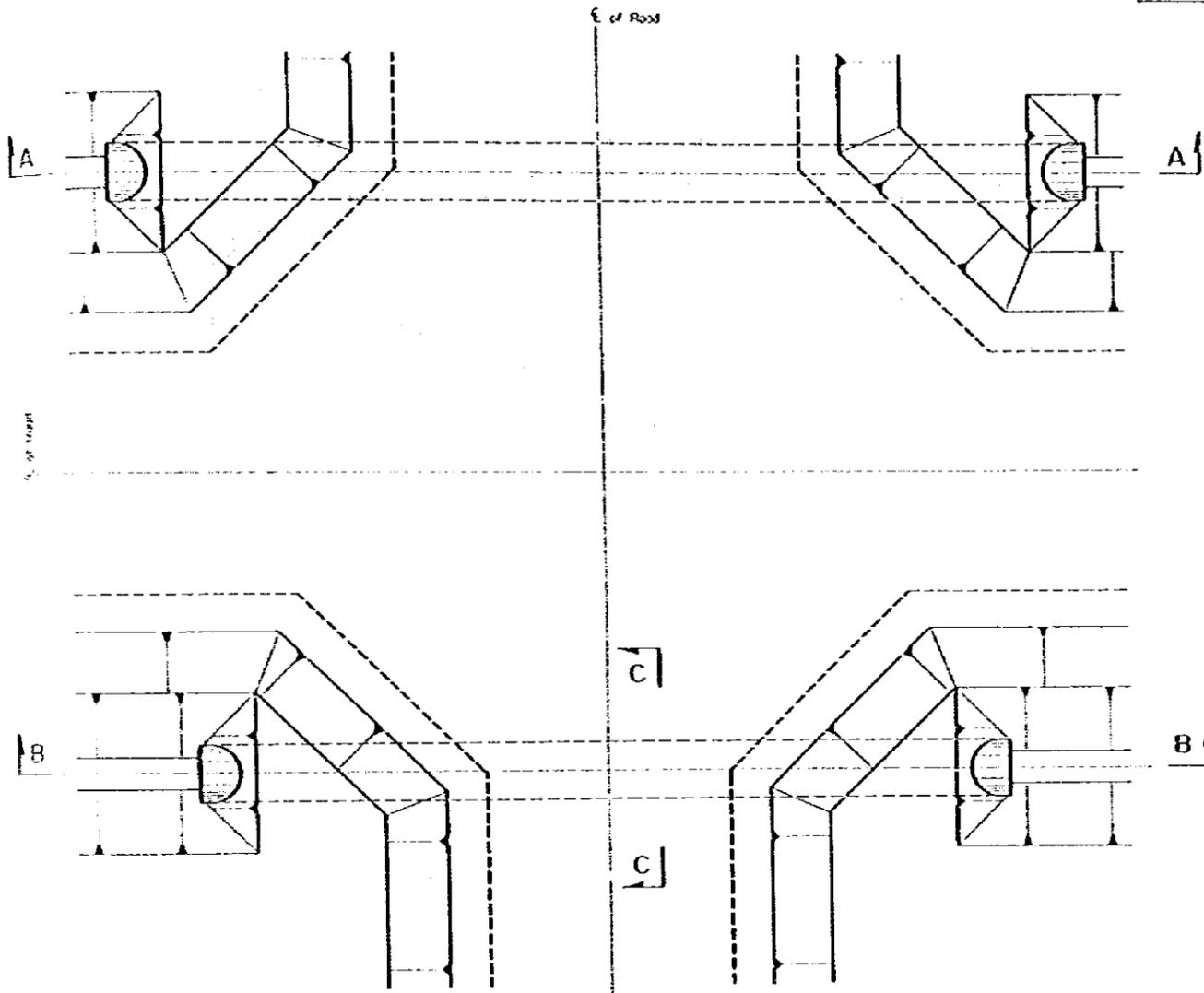
LEGEND

- A : Office 110 m²
- B { Garage TOTAL 92 m²
- { Seed Storage TOTAL 139 m²
- C : Senior Staffs' Houses TOTAL 139 m²
- REAL
- D : Junior Staffs' Houses TOTAL 100 m²
- TOTAL
- E : Assistant Staffs' Houses 108 m²
- F : Car Shed 30 m²
- G : Generator Room 10 m²
- : Electrical
- : Water Supply
- : Drainage
- : Planning Houses
- : Existence Houses

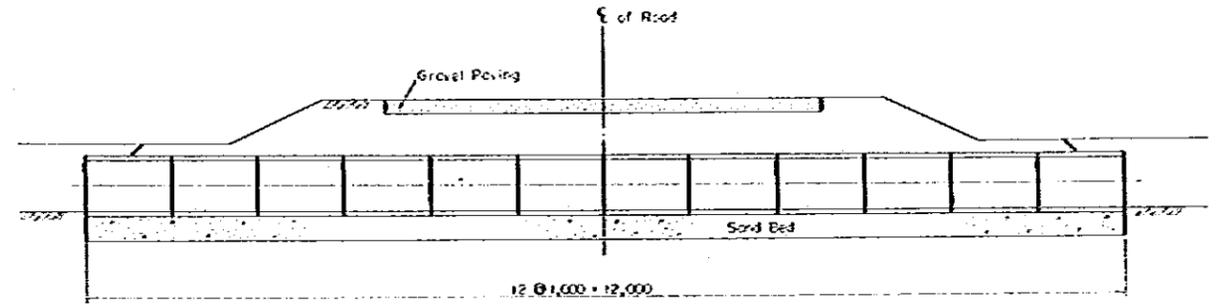
GOVERNMENT OF INDONESIA MINISTRY OF AGRICULTURE			
THE RICE SEED PRODUCTION AND DISTRIBUTION PROJECT			
SITE PLAN OF TANJUNG IMAN MAIN SEED FARM			
DATE	JUNE 1982	ORG. NO.	TE-104
JAPAN INTERNATIONAL COOPERATION AGENCY			

PLAN

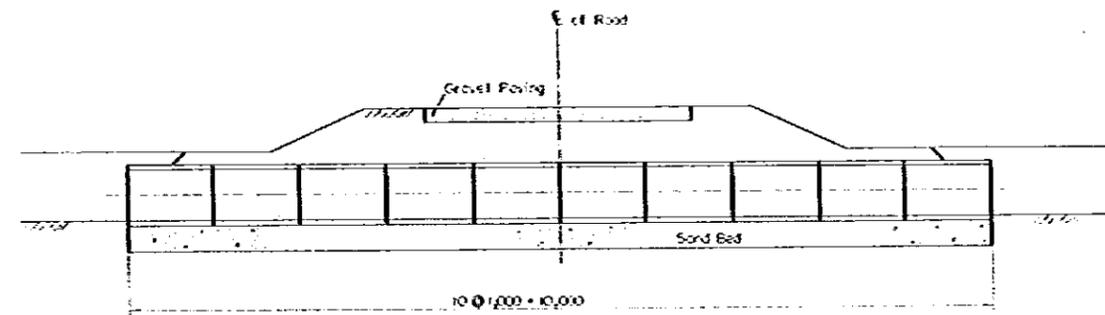
SCALE
0 10 20m



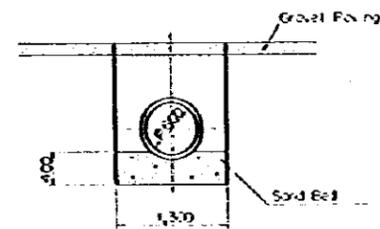
SECTION A - A



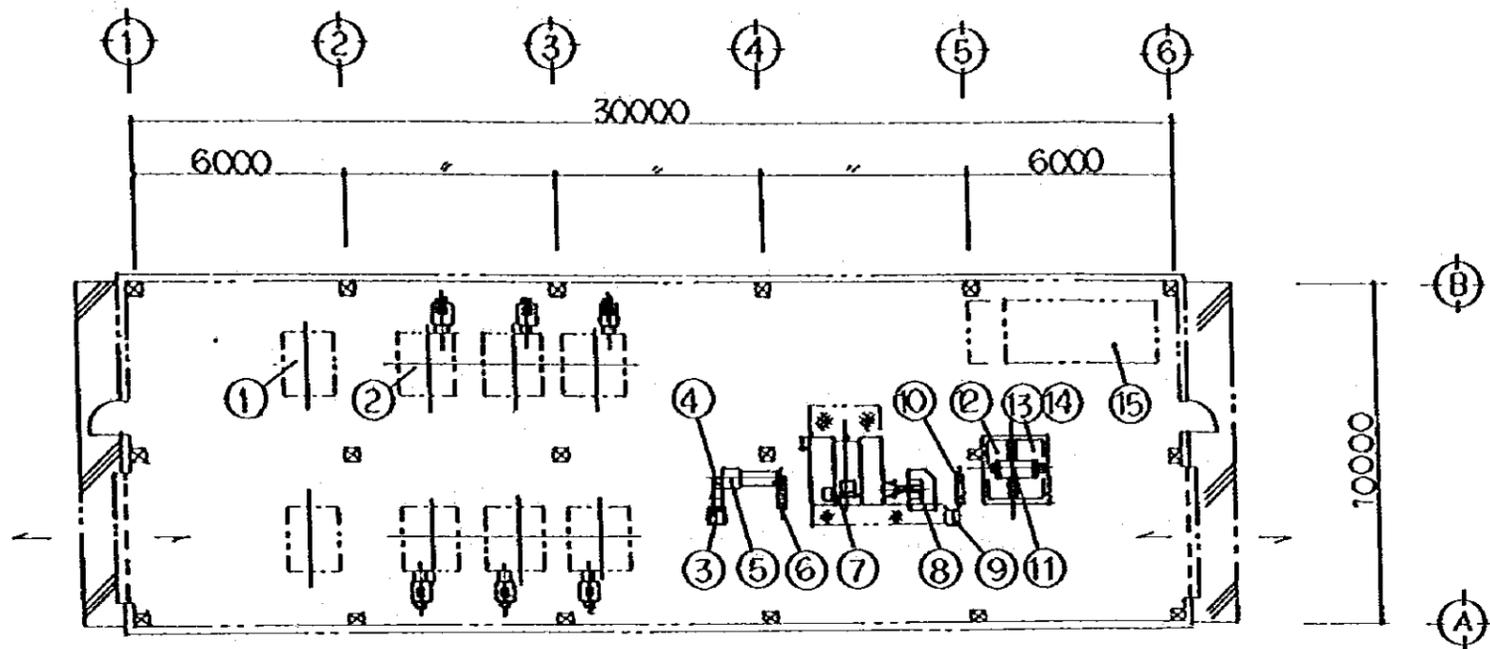
SECTION B - B



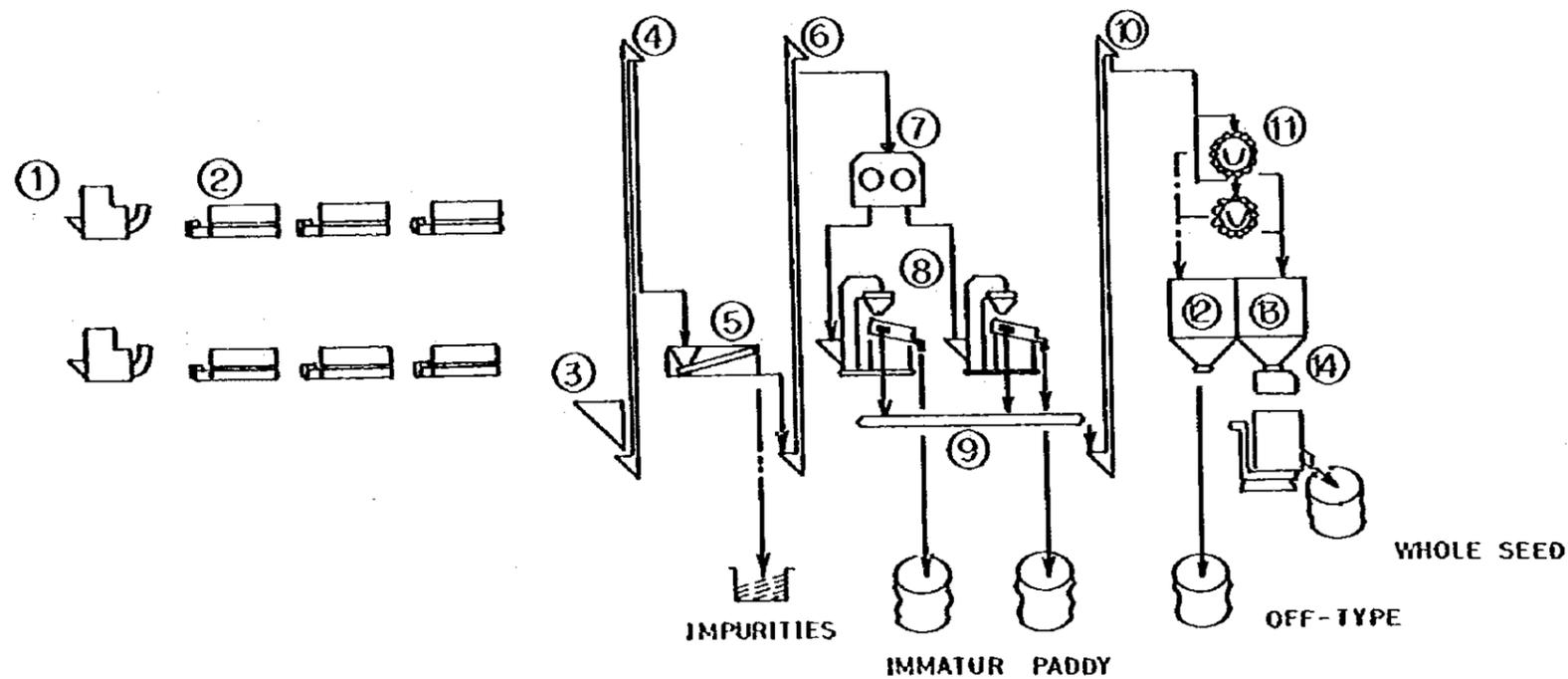
SECTION C - C



GOVERNMENT OF INDONESIA			
MINISTRY OF AGRICULTURE			
THE RICE SEED PRODUCTION AND DISTRIBUTION PROJECT			
DRAINAGE CULVERT			
DATE	JULY 1982	DWG NO	SF-001
JAPAN INTERNATIONAL COOPERATION AGENCY			



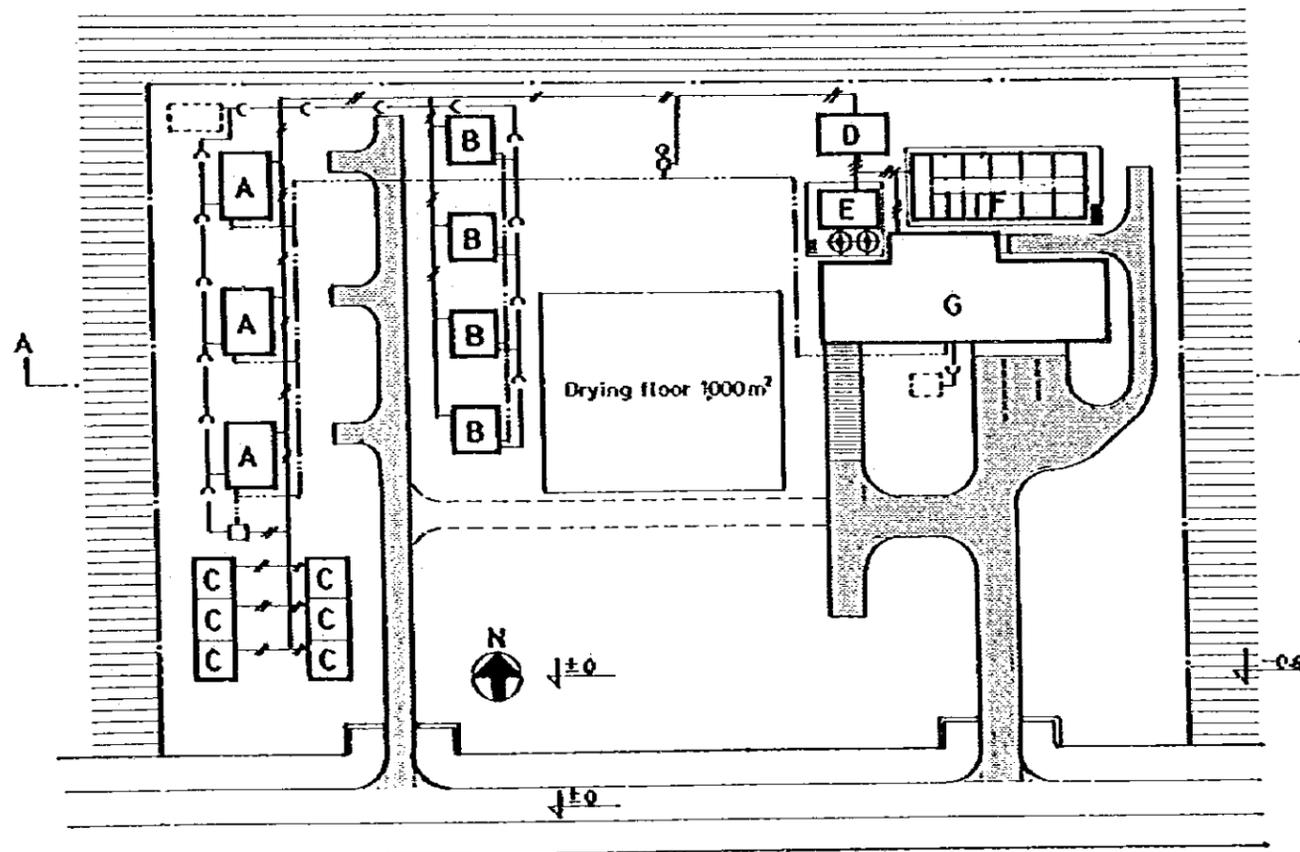
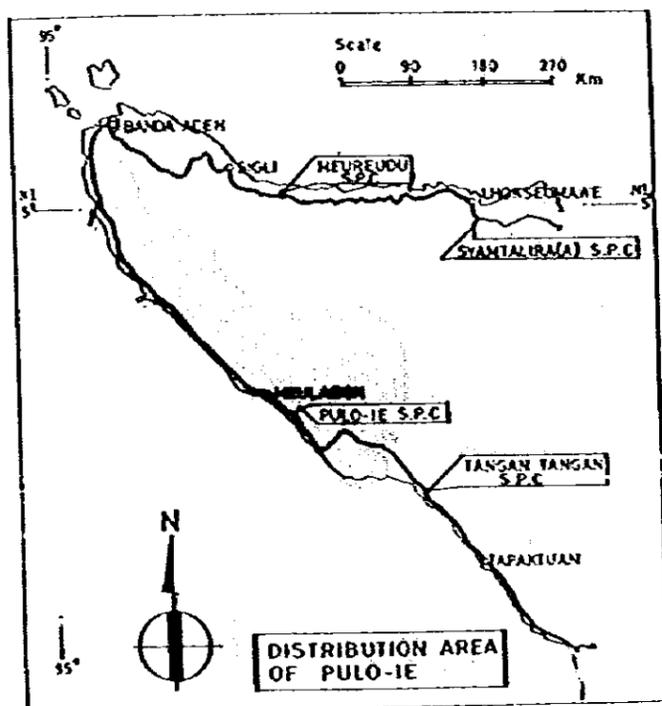
No.	DESCRIPTION
1	THRESHER
2	FLAT BED DRYER
3	FEEDING HOPPER
4	BUCKET ELEVATOR
5	PRE-CLEANER
6	BUCKET ELEVATOR
7	WIDTH SEPARATOR
8	GRAVITY SEPARATOR
9	BELT CONVEYOR
10	BUCKET ELEVATOR
11	LENGTH GRADER
12	SMALL GRAIN TANK
13	LARGE GRAIN TANK
14	SCALE SHUTTER
15	COLD STORAGE (C.S.F. only)
(16)	CONTROL BOX
(17)	COMPRESSOR



GOVERNMENT OF INDONESIA
 MINISTRY OF AGRICULTURE
 THE RICE SEED PRODUCTION AND
 DISTRIBUTION PROJECT
 SEED PROCESSING FACILITIES
 FOR C.S.F. & M.S.F.
 DATE | JUNE 1982 | DWG NO | SPU-001
 JAPAN INTERNATIONAL COOPERATION AGENCY



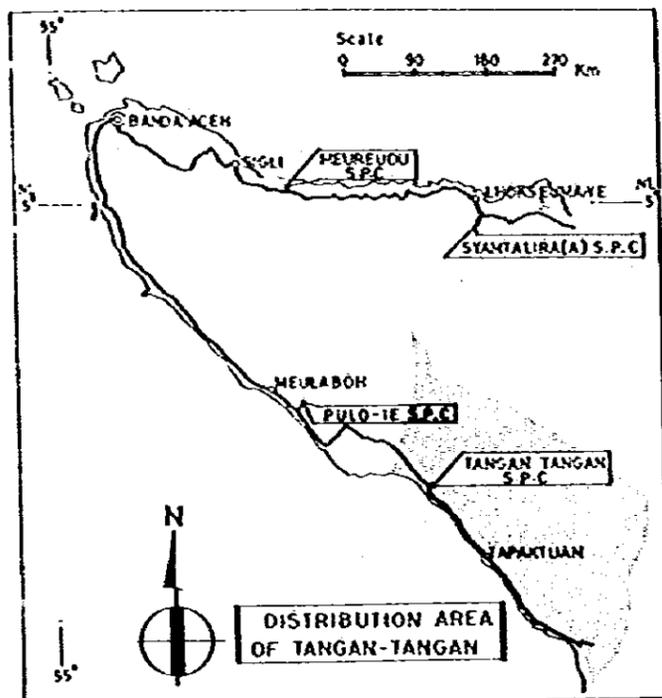
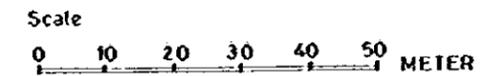
SECTION A - A



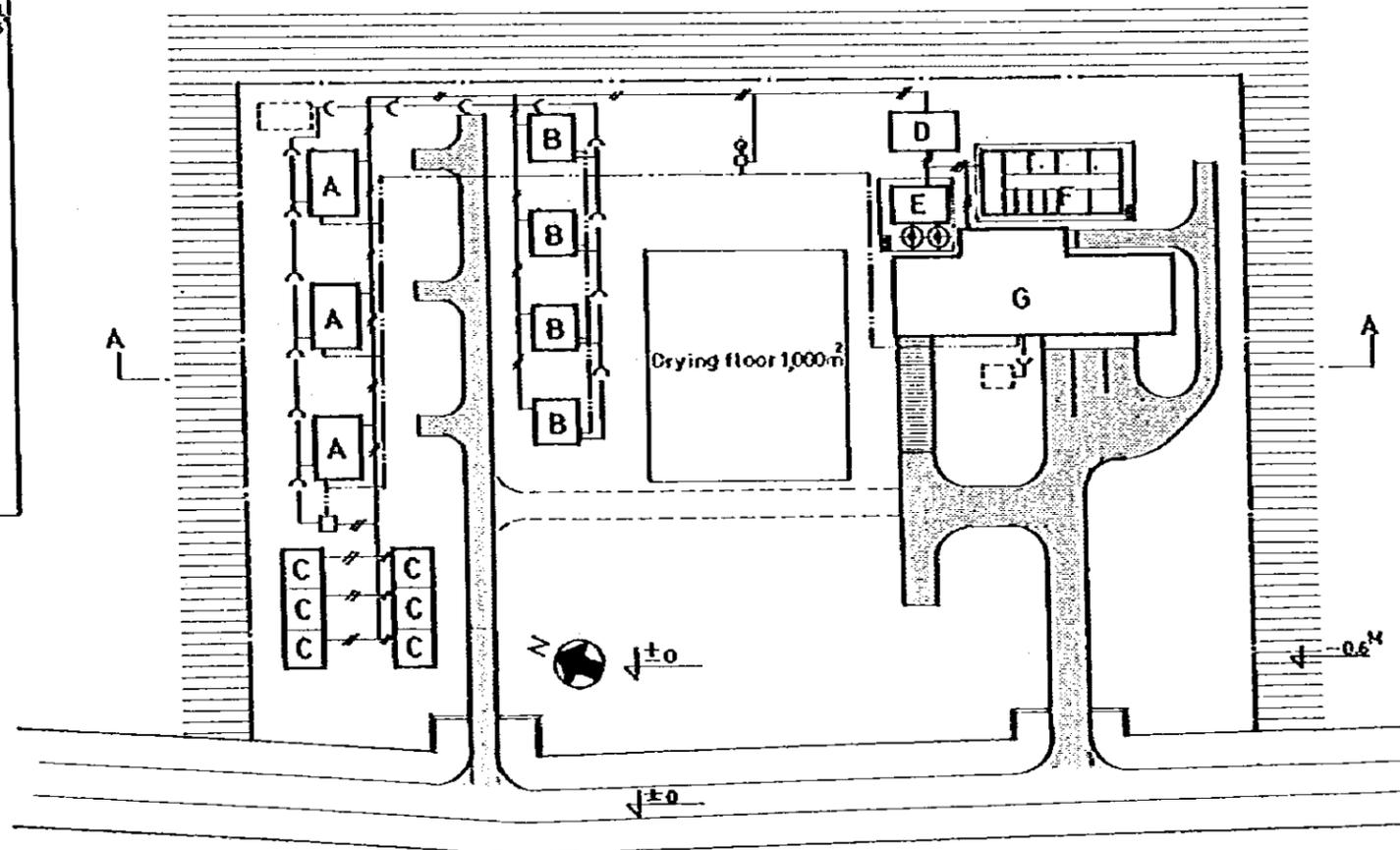
LEGEND

- A : Senior Staffs' Houses 70 m²
- B : Junior Staffs' Houses 50 m²
- C : Assistant Staffs' Houses 36 m²
- D : Generation of Electric Houses 60 m²
- E : Fan & Air Heater House 48 m²
- F : Indoor Silo 25'x4 50' x 8
- G : Main Building 664 m²
- ⊕ : Electrical
- : Water Supply
- > : Drainage
- ▨ : Paddy Field
- ▨ : Gravel Paving Road

GOVERNMENT OF INDONESIA MINISTRY OF AGRICULTURE		
THE RICE SEED PRODUCTION AND DISTRIBUTION PROJECT		
SITE PLAN OF PULO-IE SEED PROCESSING CENTER		
DATE	JUNE 1962	DWG. NO. SPC-001
JAPAN INTERNATIONAL COOPERATION AGENCY		



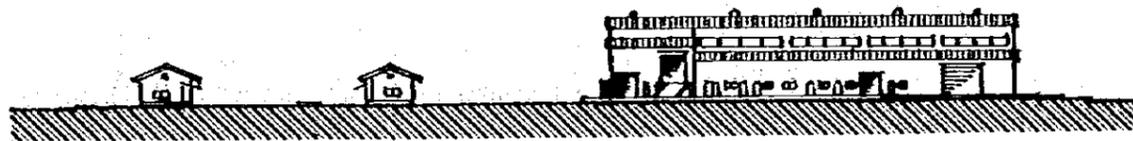
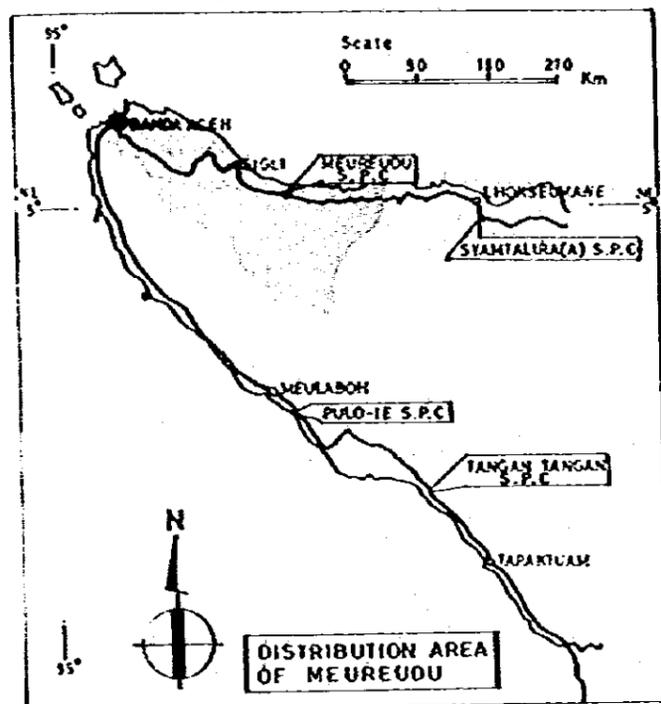
SECTION A - A



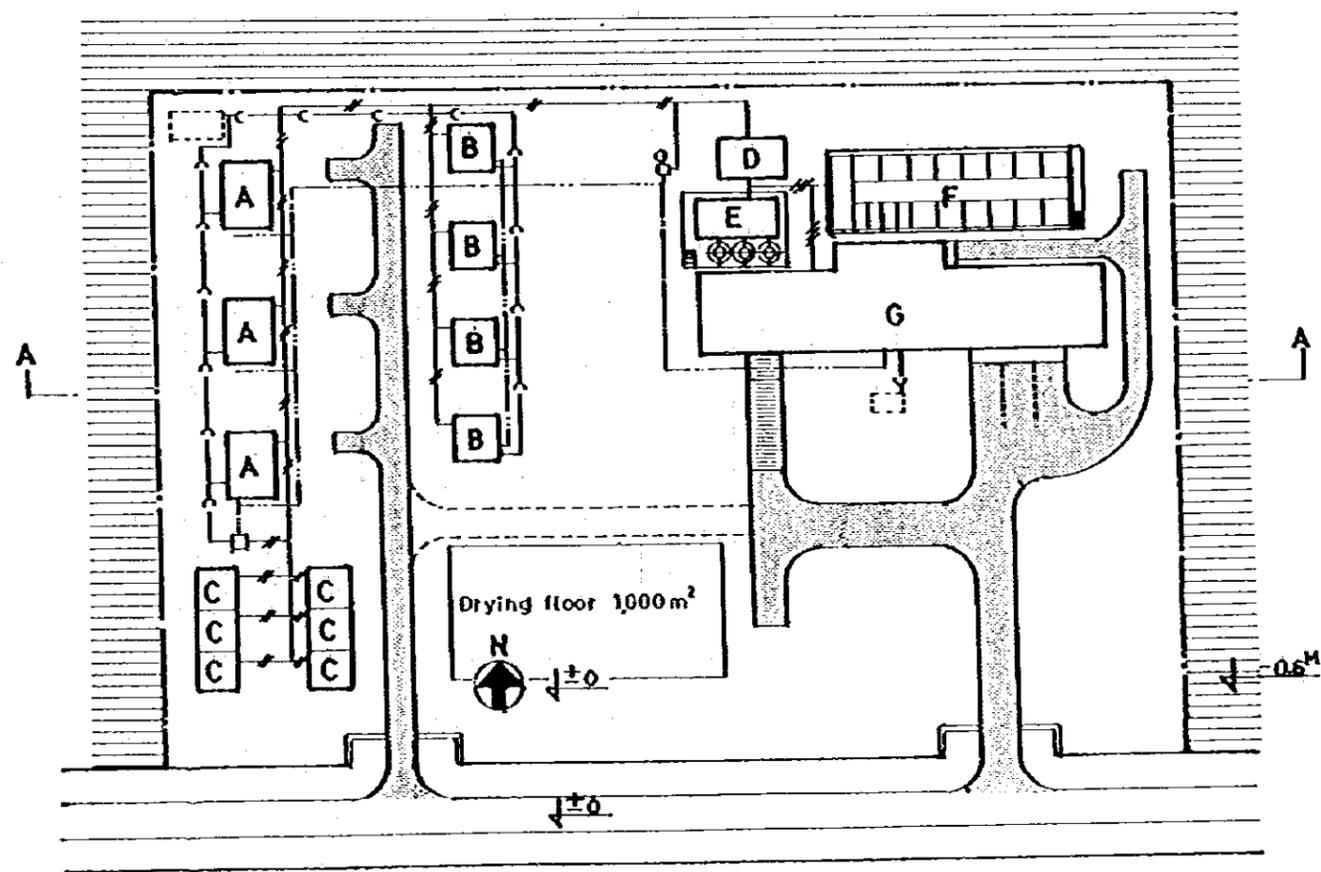
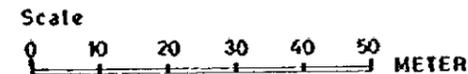
LEGEND

- A : Senior Staffs' Houses 70 m²
- B : Junior Staffs' Houses 50 m²
- C : Assistant Staffs' Houses 36 m²
- D : Generation of Electric Houses 60 m²
- E : Fan & Air Heater House 48 m²
- F : Indoor Silo 25' x 4' 50' x 6'
- G : Main Building 664 m²
- ⚡ : Electrical
- : Water Supply
- : Drainage
- ▨ : Paddy Field
- ▨ : Gravel Paving Road

GOVERNMENT OF INDONESIA MINISTRY OF AGRICULTURE			
THE RICE SEED PRODUCTION AND DISTRIBUTION PROJECT			
SITE PLAN OF TANGAN-TANGAN SEED PROCESSING CENTER			
DATE	JUNE 1982	DWG. NO.	SPC-002
JAPAN INTERNATIONAL COOPERATION AGENCY			



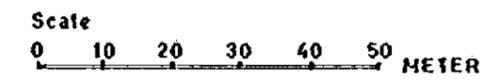
SECTION A - A



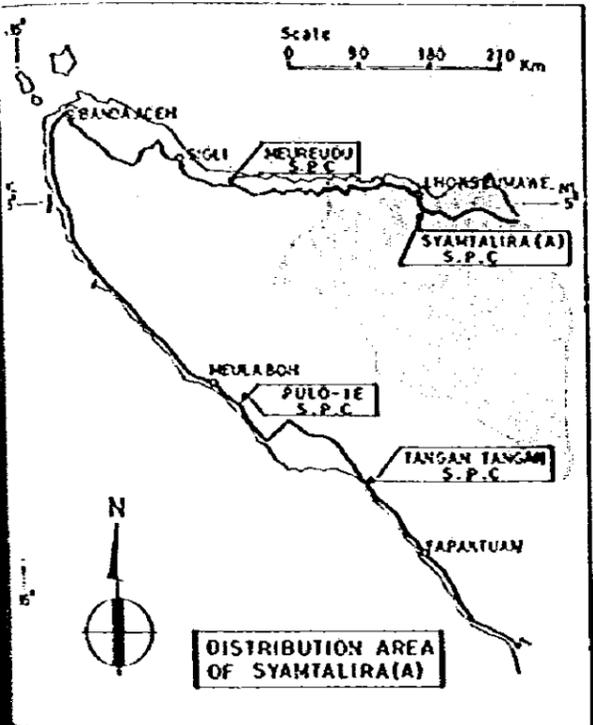
LEGEND

- A : Senior Staffs' Houses 70 m²
- B : Junior Staffs' Houses 50 m²
- C : Assistant Staffs' Houses 36 m²
- D : Generation of Electric Houses 60 m²
- E : Fan & Air Heater House 72 m²
- F : Indoor Sito 25'x4 50'x14
- G : Main Building 912 m²
- : Electrical
- : Water Supply
- : Drainage
- : Paddy Field
- : Gravel Paving Road

GOVERNMENT OF INDONESIA MINISTRY OF AGRICULTURE			
THE RICE SEED PRODUCTION AND DISTRIBUTION PROJECT			
SITE PLAN OF MEUREUDU SEED PROCESSING CENTER			
DATE	JUNE 1972	DRG. NO.	SPC-003
JAPAN INTERNATIONAL COOPERATION AGENCY			

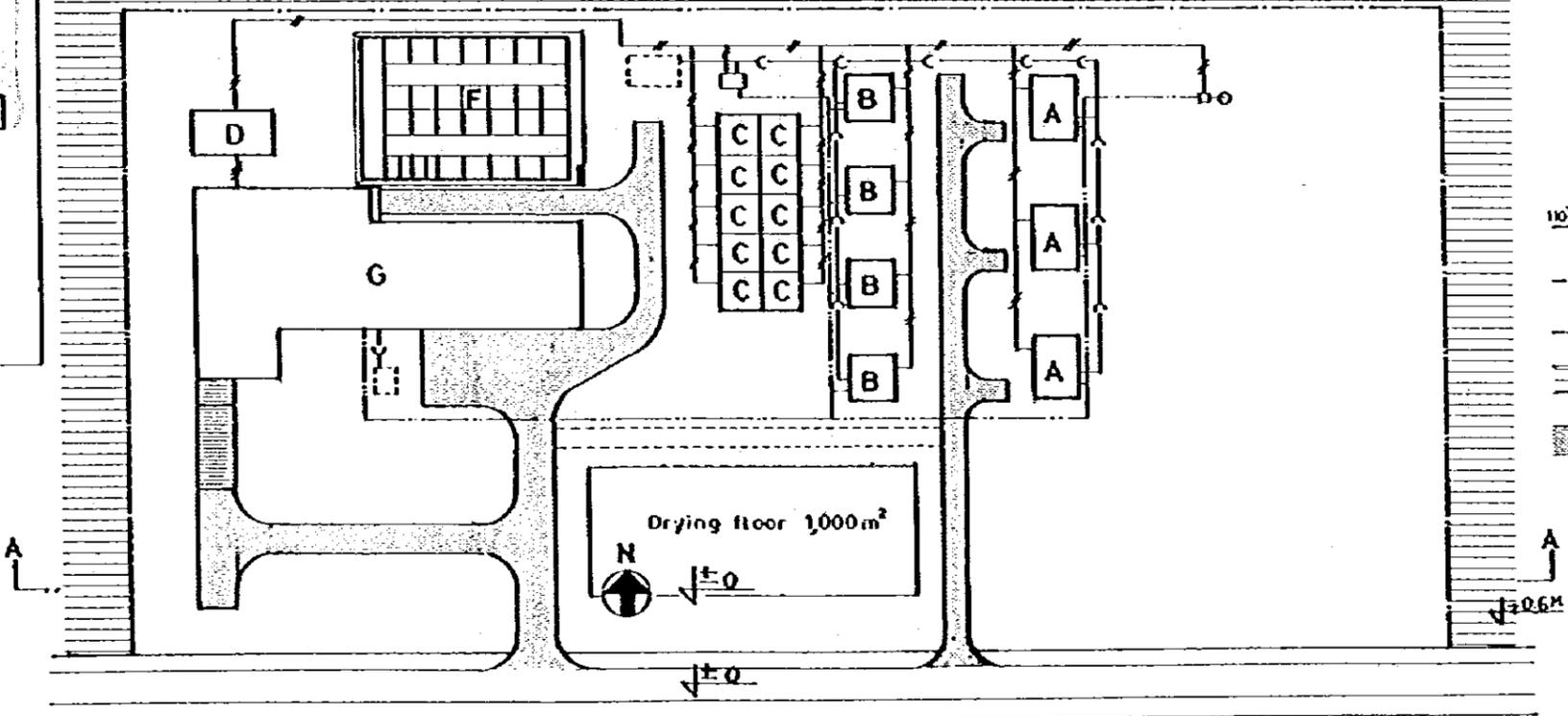


SECTION A - A

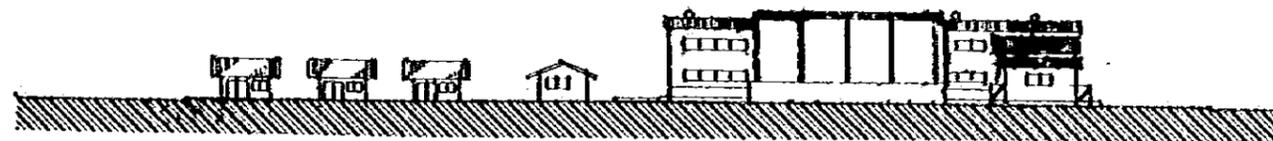
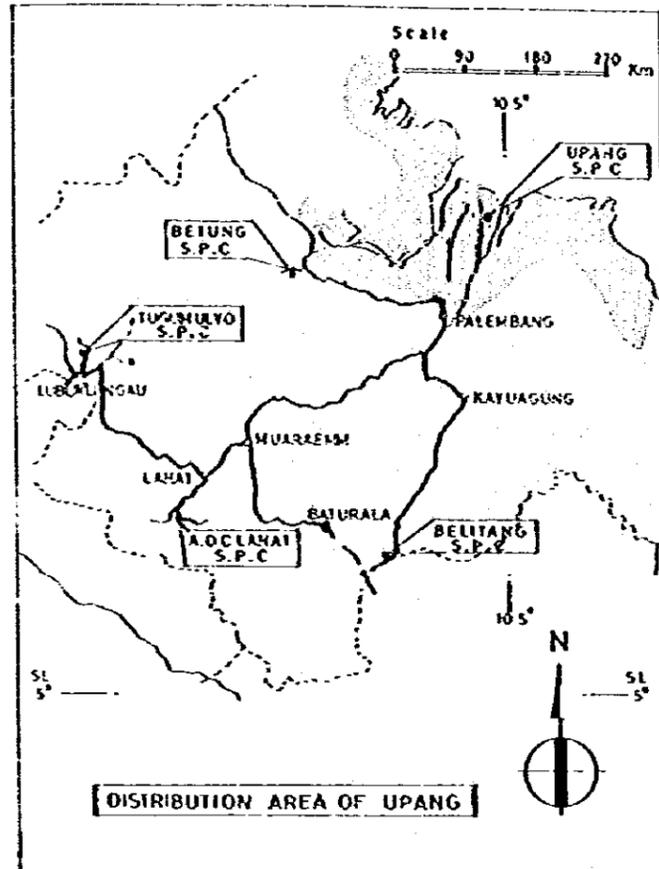


LEGEND

- A : Senior Staffs' Houses 70 m²
- B : Junior Staffs' Houses 50 m²
- C : Assistant Staffs' Houses 36 m²
- D : Generation of Electric Houses 72 m²
- E : Fan & Air Heater House
- F : Indoor Sito 25'x4 50'x26
- G : Main Building 1,191 m²
- 110V : Electrical
- : Water Supply
- > : Drainage
- ▨ : Paddy Field
- ▩ : Gravel Paving Road

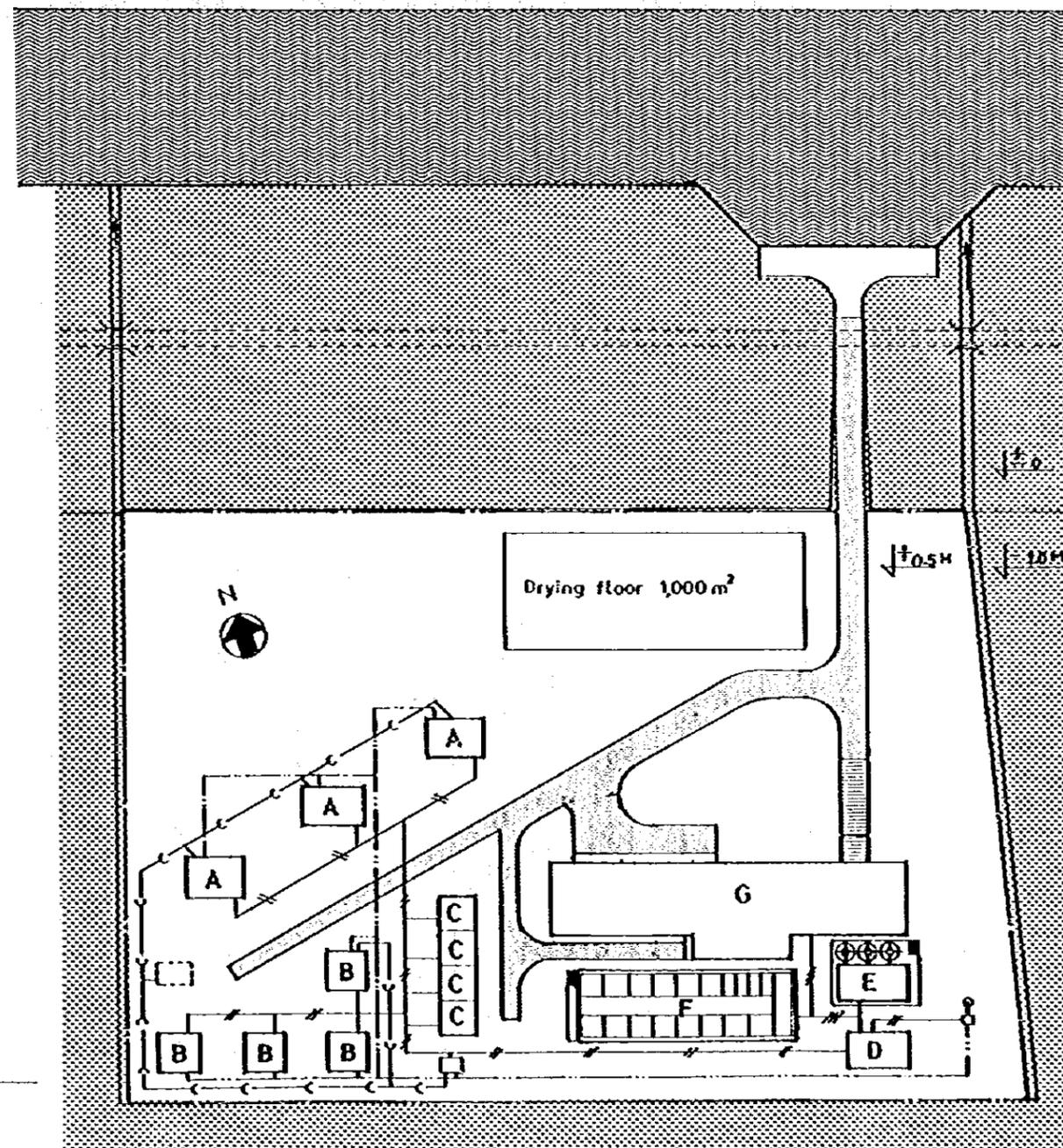


GOVERNMENT OF INDONESIA			
MINISTRY OF AGRICULTURE			
THE RICE SEED PRODUCTION AND DISTRIBUTION PROJECT			
SITE PLAN OF SYAMTALIRA(A)			
SEED PROCESSING CENTER			
DATE	JUNE 1982	OWG. NO.	SPC-004
JAPAN INTERNATIONAL COOPERATION AGENCY			



SECTION A-A

Scale 0 10 20 30 40 50 METER



LEGEND

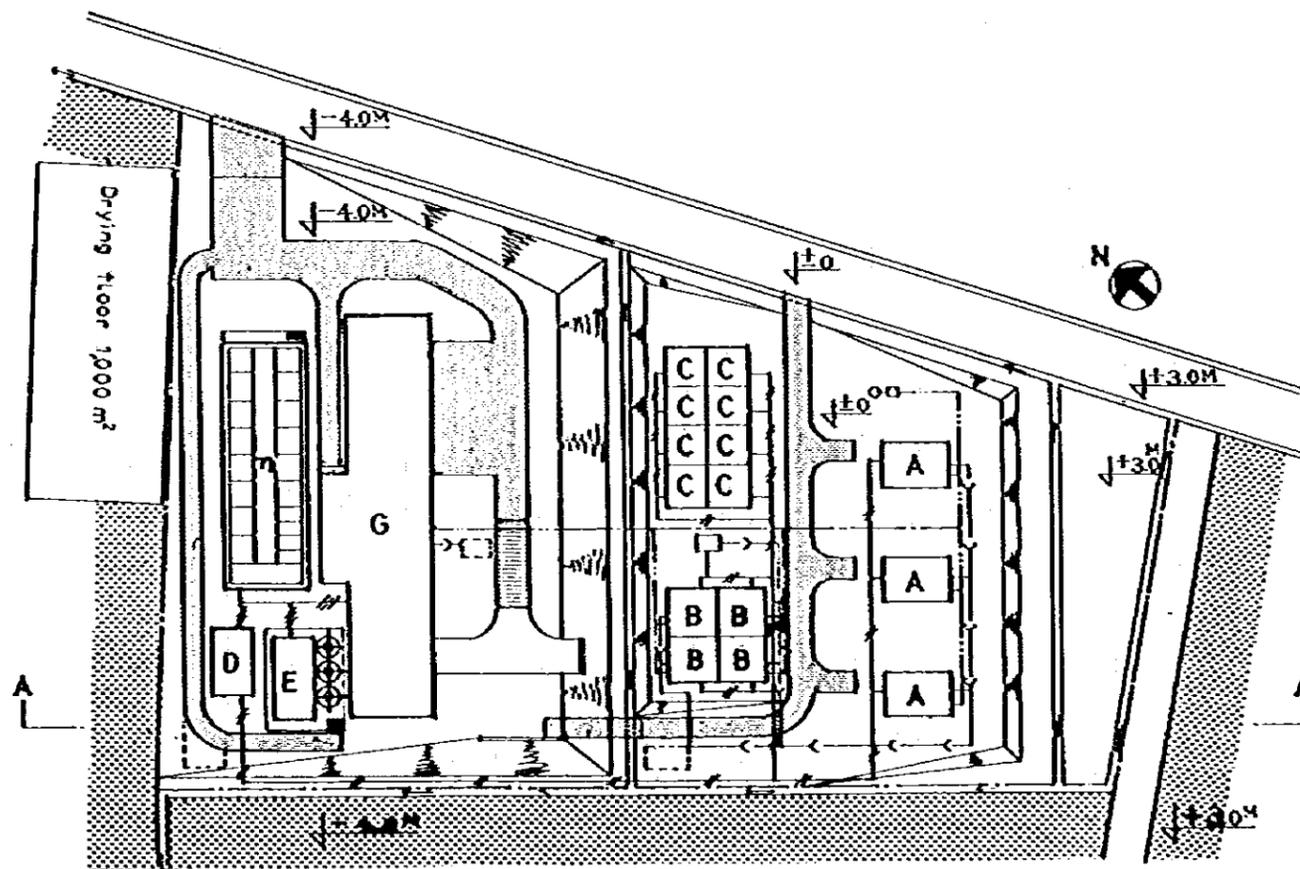
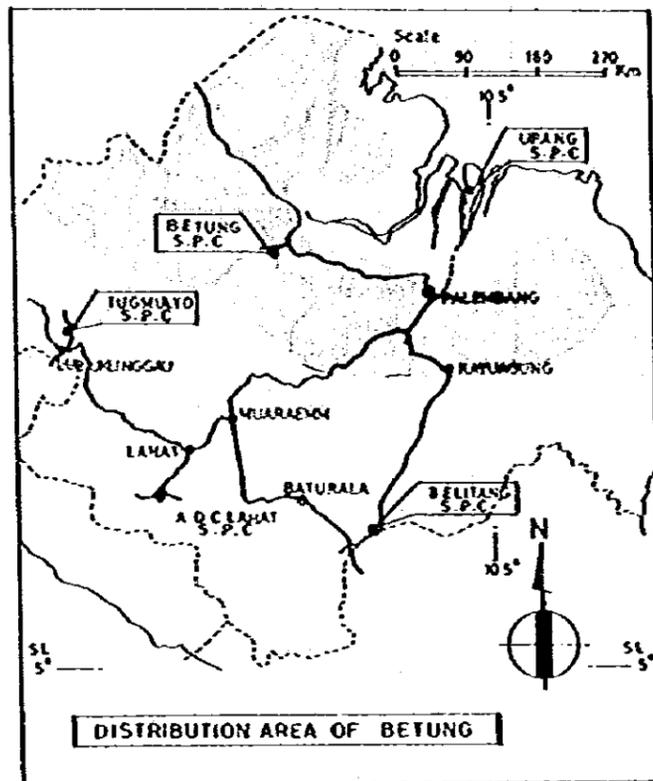
- A : Senior Staffs' Houses 70 m²
- B : Junior Staffs' Houses 50 m²
- C : Assistant Staffs' Houses 36 m²
- D : Generation of Electric Houses 60 m²
- E : Fan & Air Heater House 72 m²
- F : Indoor Silo 25¹X4 50¹X14
- G : Main Building 912 m²
- ⊕ : Electrical
- : Water Supply
- > : Drainage
- ▨ : Uncultivated or Barren Land
- ▩ : Gravel Paving Road
- ▧ : Traffic Canal

GOVERNMENT OF INDONESIA		
MINISTRY OF AGRICULTURE		
THE RICE SEED PRODUCTION AND DISTRIBUTION PROJECT		
SITE PLAN OF UPANG SEED PROCESSING CENTER		
DATE	JUNE 1962	ORG. NO. SPC-005
JAPAN INTERNATIONAL COOPERATION AGENCY		



Scale
0 10 20 30 40 50 METER

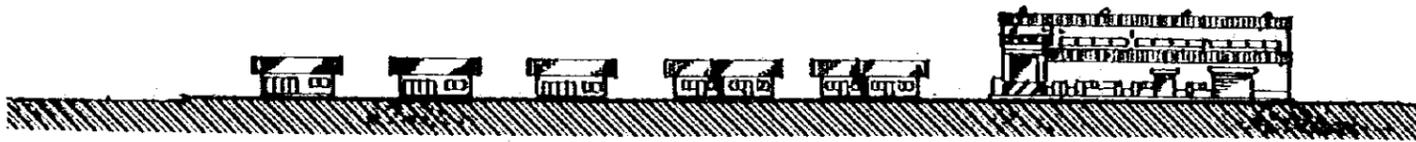
SECTION A - A



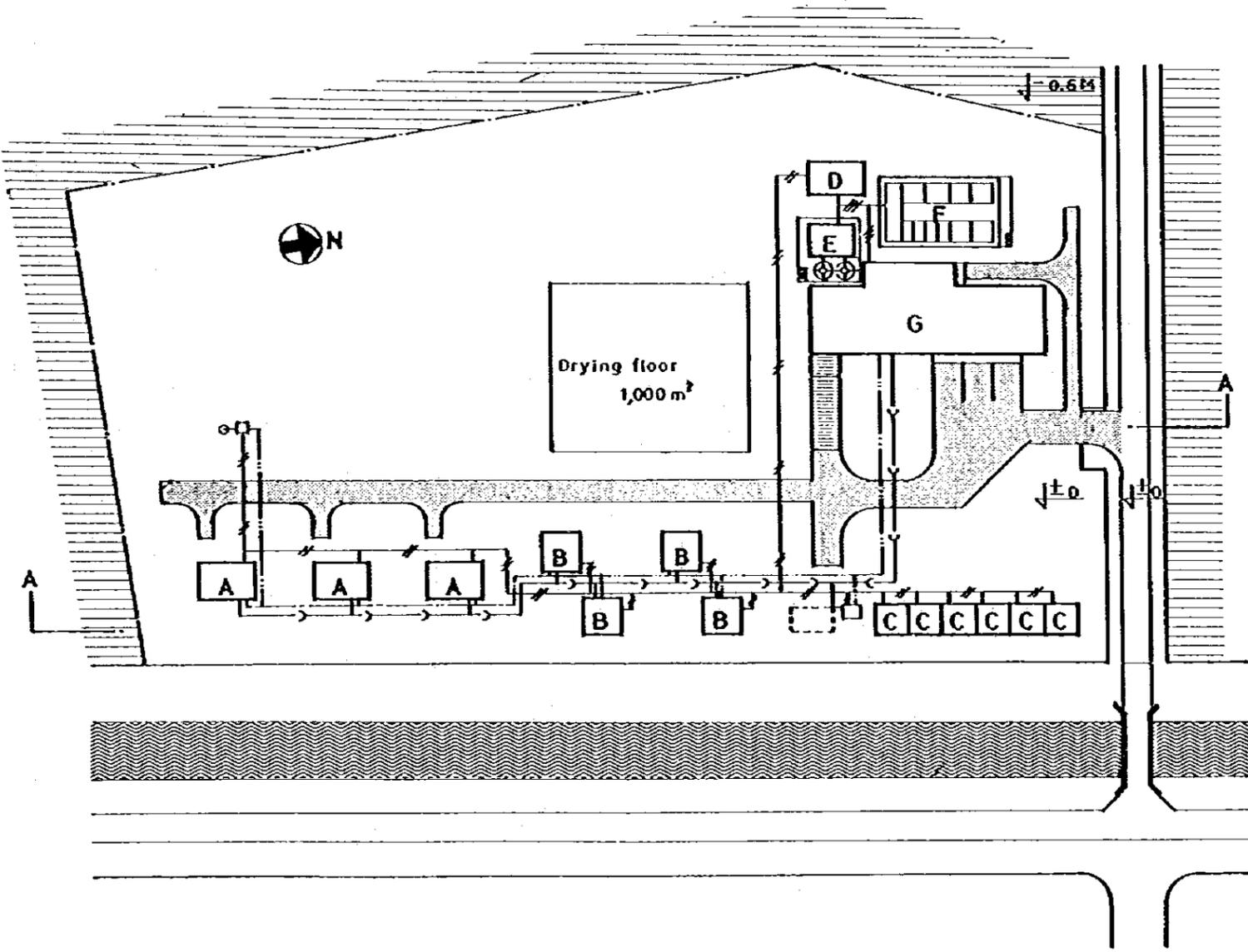
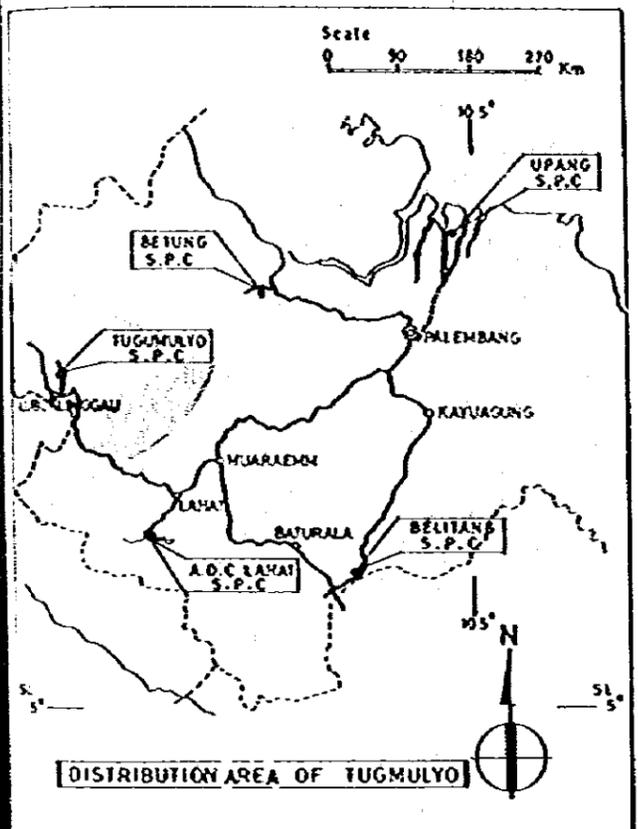
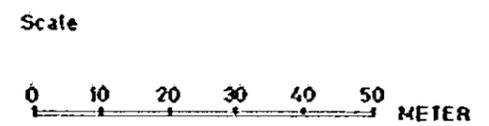
LEGEND

- A : Senior Staffs' Houses 70 m²
- B : Junior Staffs' Houses 50 m²
- C : Assistant Staffs' Houses 36 m²
- D : Generation of Electric Houses 60 m²
- E : Fan & Air Heater House 72 m²
- F : Indoor Silo 25'x4 50'x14
- G : Main Building 912 m²
- 110^v : Electrical
- : Water Supply
- > : Drainage
- ▨ : Uncultivated or Barren Land
- ▨ : Gravel Paving Road

GOVERNMENT OF INDONESIA MINISTRY OF AGRICULTURE			
THE RICE SEED PRODUCTION AND DISTRIBUTION PROJECT			
SITE PLAN OF BETUNG SEED PROCESSING CENTER			
DATE	JUNE 1982	DWG. NO.	SPC-006
JAPAN INTERNATIONAL COOPERATION AGENCY			



SECTION A - A



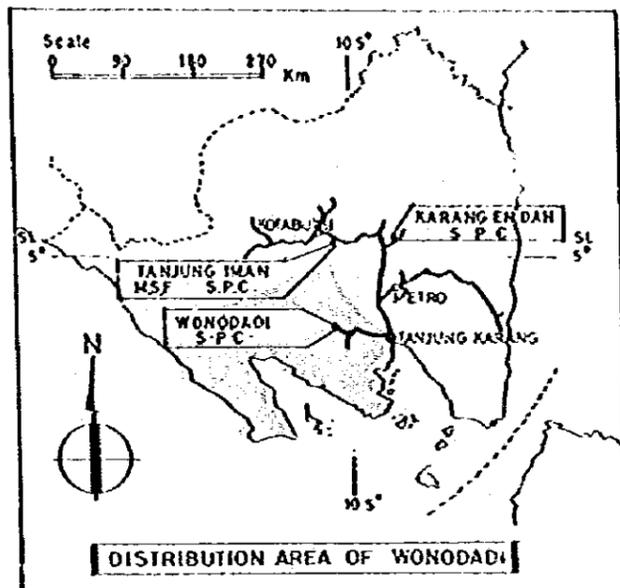
LEGEND

- A : Senior Staffs' Houses 70 m²
- B : Junior Staffs' Houses 50 m²
- C : Assistant Staffs' Houses 36 m²
- D : Generation of Electric Houses 60 m²
- E : Fan & Air Heater House 48 m²
- F : Indoor Sito 25' x 4' 50' x 6'
- G : Main Building 664 m²
- ⊕ : Electrical
- : Water Supply
- > : Drainage
- ▨ : Paddy Field
- ▩ : Gravel Paving Road
- ▧ : Irrigation Canal

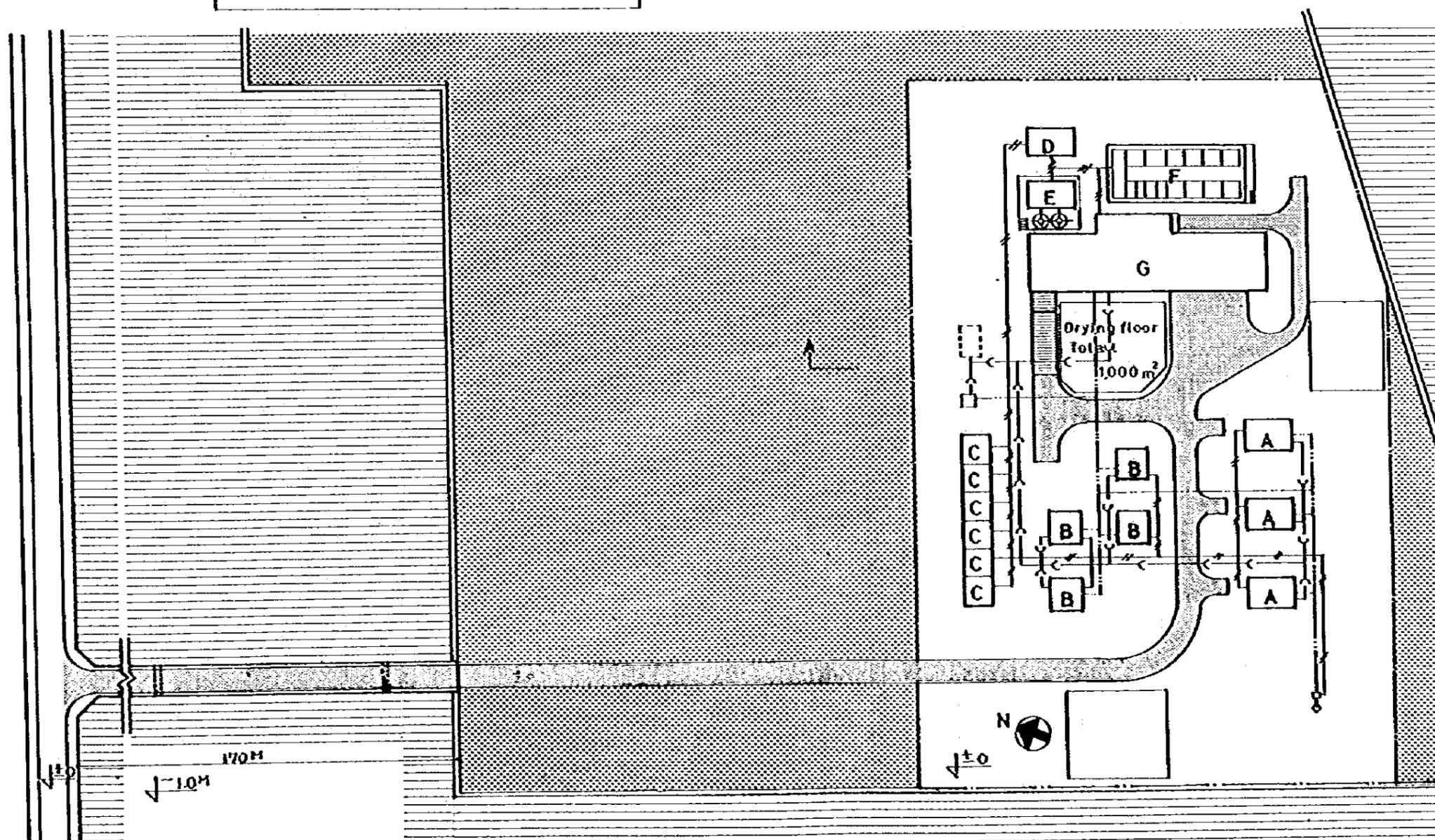
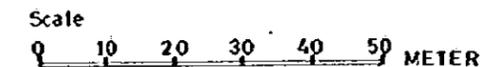
GOVERNMENT OF INDONESIA
 MINI STRAY OF AGRICULTURE
 THE RICE SEED PRODUCTION AND
 DISTRIBUTION PROJECT

SITE PLAN OF TUGMULYO
 SEED PROCESSING CENTER

DATE JUNE 1982 DWG NO SPC-007
 JAPAN INTERNATIONAL COOPERATION AGENCY



SECTION A - A



LEGEND

- A : Senior Staffs' Houses 70 m²
- B : Junior Staffs' Houses 50 m²
- C : Assistant Staffs' Houses 36 m²
- D : Generation of Electric Houses 60 m²
- E : Fan & Air Heater House 72 m²
- F : Indoor Site 25x4 50x10
- G : Main Building 660 m²
- ⚡ : Electrical
- : Water Supply
- : Drainage
- ▨ : Paddy Field
- ▩ : Gravel Paving Road
- ░ : Uncultivated or Barren Land

GOVERNMENT OF INDONESIA MINISTRY OF AGRICULTURE		
THE RICE SEED PRODUCTION AND DISTRIBUTION PROJECT		
SITE PLAN OF WONODADI SEED PROCESSING CENTER		
DATE	JUNE 1982	DWG. NO. SPC-009
JAPAN INTERNATIONAL COOPERATION AGENCY		

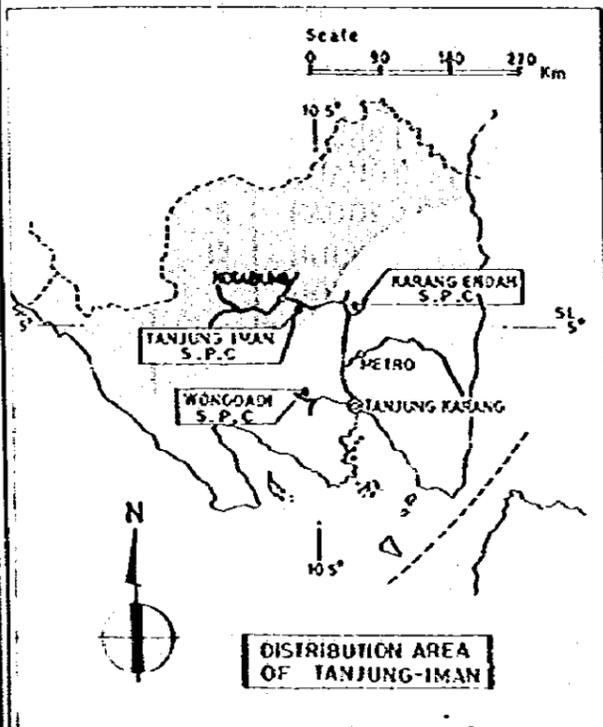
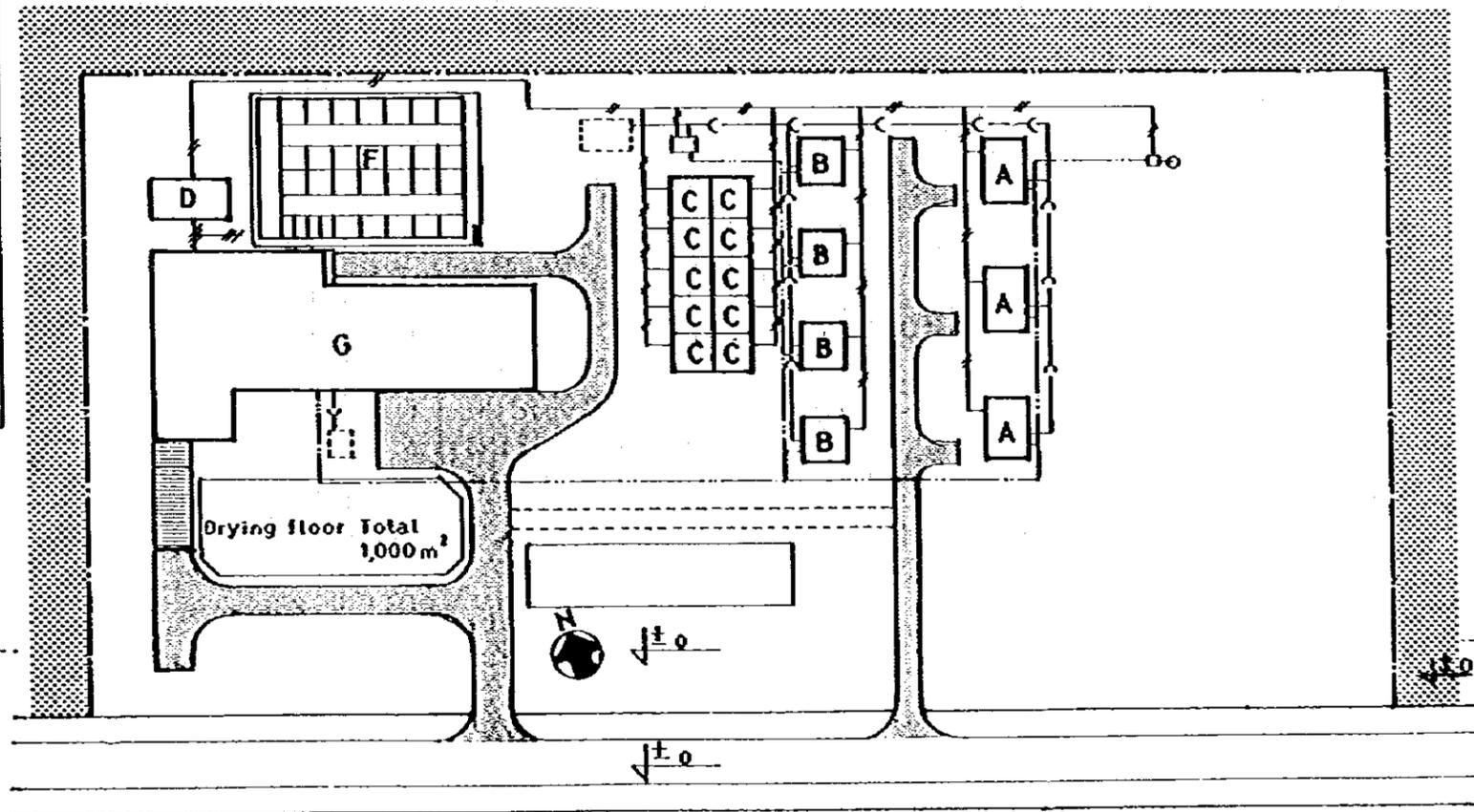
Scale
0 10 20 30 40 50 METER



SECTION A - A

LEGEND

- A : Senior Staffs' Houses 70 m²
- B : Junior Staffs' Houses 50 m²
- C : Assistant Staffs' Houses 36 m²
- D : Generation of Electric Houses 72 m²
- E : Fan & Air Heater House
- F : Indoor Silo 25'x4 50'x26
- G : Main Building 1,191 m²
- ⚡ : Electrical
- : Water Supply
- : Drainage
- ▨ : Uncultivated or Barren Land
- ▩ : Gravel Paving Road



GOVERNMENT OF INDONESIA MINISTRY OF AGRICULTURE			
THE RICE SEED PRODUCTION AND DISTRIBUTION PROJECT			
SITE PLAN OF TANJUNG-IMAN SEED PROCESSING CENTER			
DATE	JUNE 1962	OWG. NO.	SPC-011
JAPAN INTERNATIONAL COOPERATION AGENCY			

DESCRIPTION

RECEIVING & DRYING FACILITIES	
I/No.	DESCRIPTION
A-1	PADDY CLEANER
2	BELT CONVEYOR
3	BUCKET ELEVATOR
4	HOPPER SCALE
5	BUCKET ELEVATOR
6	CHANGE VALVE
7	BUCKET ELEVATOR
8	CHANGE VALVE
9	LN-BIN DRYER
10	FAN
11	ENGINE
12	AIR HEATER
13	BELT CONVEYOR
14	BUCKET ELEVATOR
15	CHANGE VALVE
16	PADDY CLEANER
17	BUCKET ELEVATOR
18	HOPPER SCALE
19	BELT CONVEYOR

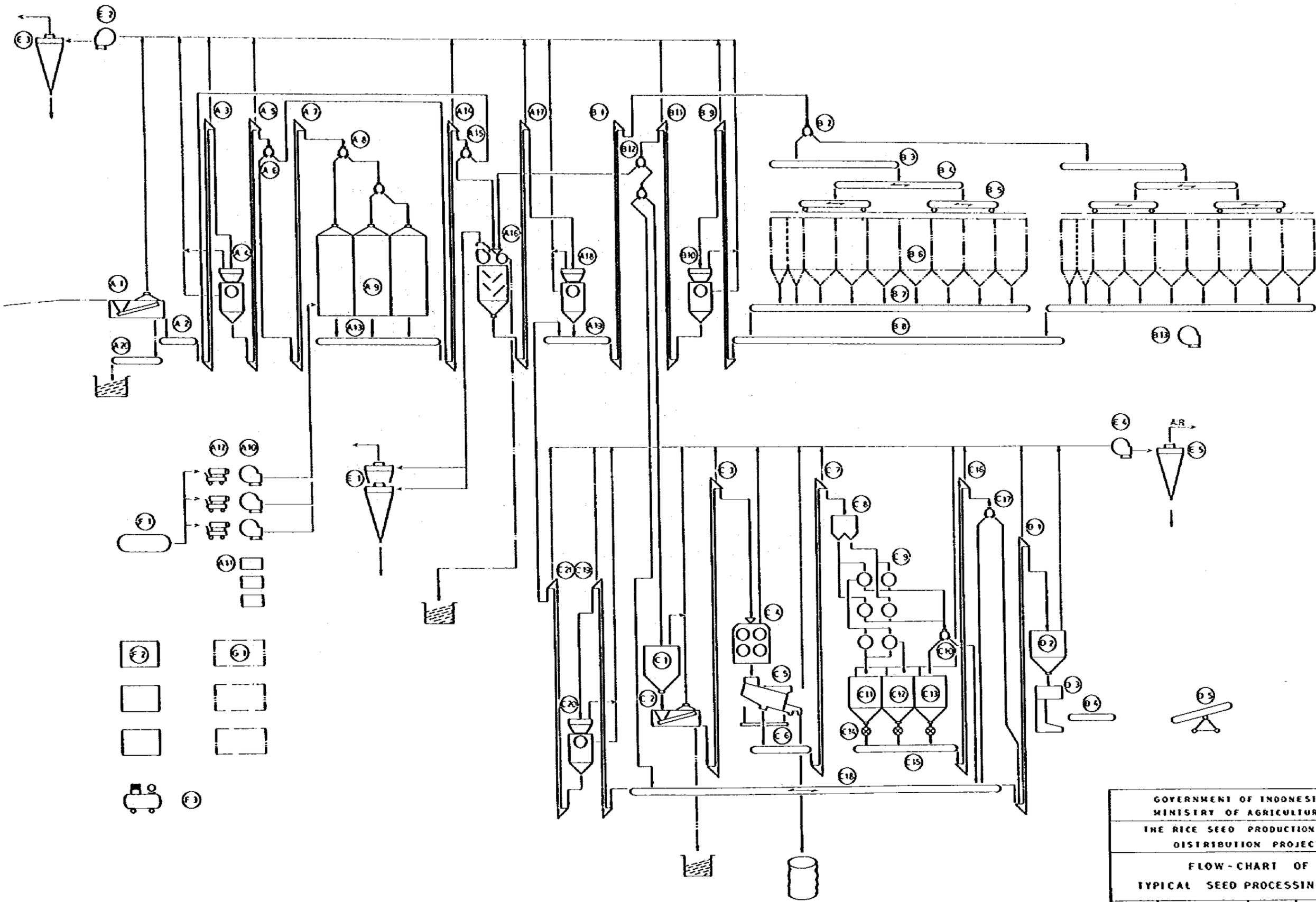
SILO FACILITIES	
I/No.	DESCRIPTION
B-1	BUCKET ELEVATOR
2	CHANGE VALVE
3	BELT CONVEYOR
4	MOVABLE BELT CONVEYOR
5	MOVABLE BELT CONVEYOR
6	SILO (25t, 50t / silo)
7	BELT CONVEYOR (Discharge)
8	BELT CONVEYOR (Discharge)
9	CHANGE VALVE
10	HOPPER SCALE
11	BUCKET ELEVATOR
12	CHANGE VALVE
13	AIRATION FAN

SEED CLEANING & GRADING FACILITIES	
I/No.	DESCRIPTION
C-1	CONTROL TANK
2	ASPIRATOR & SIFTER
3	BUCKET ELEVATOR
4	WIDTH SEPARATOR
5	GRAVITY SEPARATOR
6	BELT CONVEYOR
7	BUCKET ELEVATOR
8	DISTRIBUTOR
9	LENGTH GRADE
10	CHANGE VALVE
11	SMALL GRAIN TANK
12	MEDIUM GRAIN TANK
13	LARGE GRAIN TANK
14	ROTARY VALVE
15	BELT CONVEYOR
16	BUCKET ELEVATOR
17	CHANGE VALVE
18	BELT CONVEYOR
19	BUCKET ELEVATOR
20	HOPPER SCALE with AUTO SAMPLER
21	BUCKET ELEVATOR

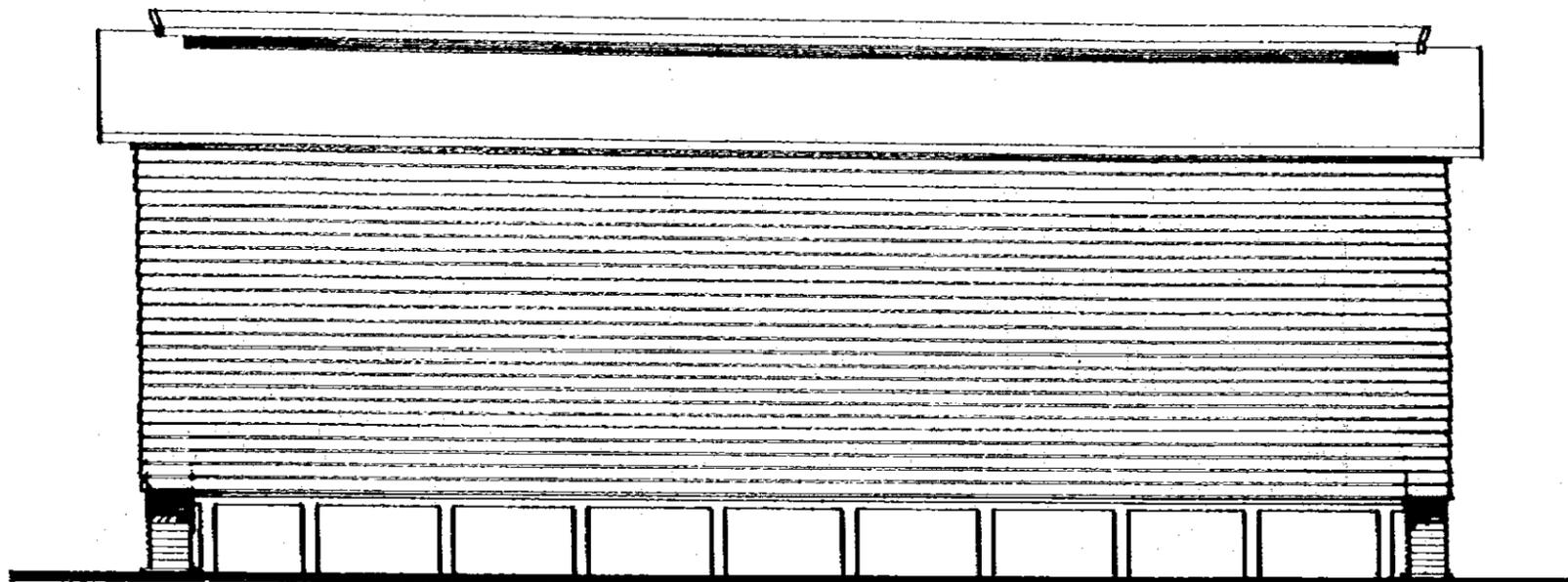
WEIGHING & PACKING FACILITIES	
I/No.	DESCRIPTION
D-1	BUCKET ELEVATOR
2	CONTROL TANK
3	PACKER
4	BELT CONVEYOR
5	BELT CONVEYOR

DUST & IMPURITIES COLLECTOR	
I/No.	DESCRIPTION
E-1	DUST COLLECTING CYCLONE
2	DUST SUCTION FAN
3	DUST COLLECTING CYCLONE
4	DUST SUCTION FAN
5	DUST COLLECTING CYCLONE

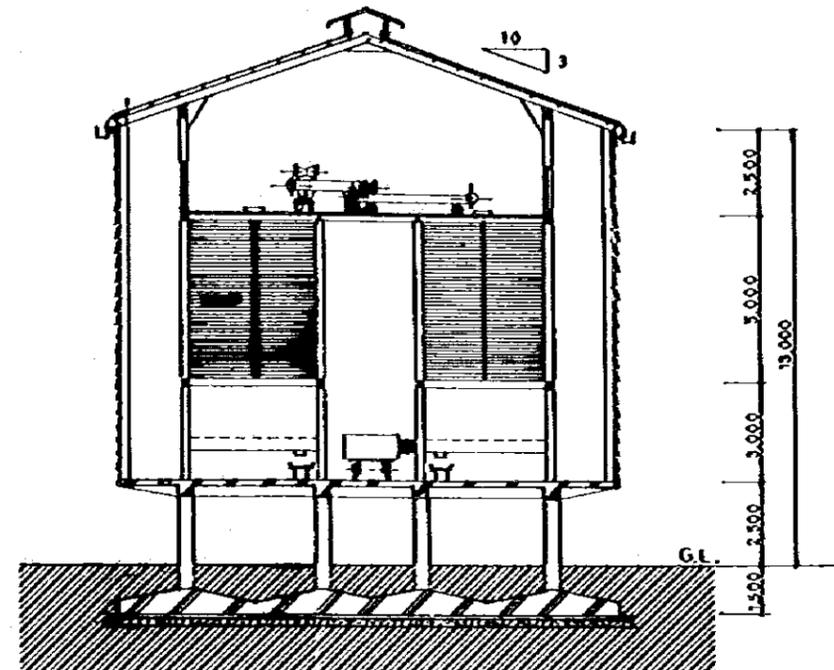
INCIDENTAL FACILITIES	
I/No.	DESCRIPTION
F-1	OIL SERVICE TANK
2	GENERATOR
3	CONTROL PANEL
4	COMPRESSOR



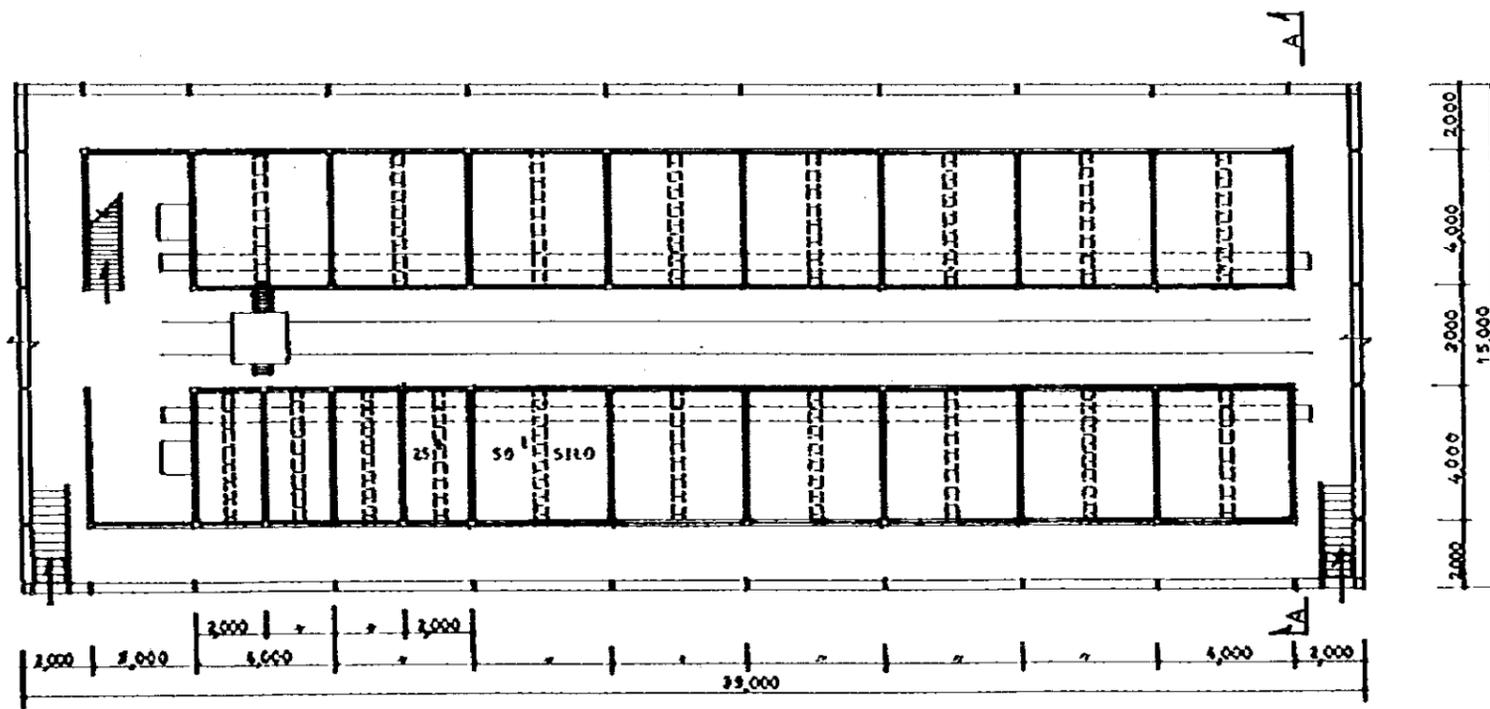
GOVERNMENT OF INDONESIA			
MINISTRY OF AGRICULTURE			
THE RICE SEED PRODUCTION AND DISTRIBUTION PROJECT			
FLOW-CHART OF TYPICAL SEED PROCESSING CENTER			
DATE	SEP. 1982	DWG. No.	SPC-102
JAPAN INTERNATIONAL COOPERATION AGENCY			



ELEVATION

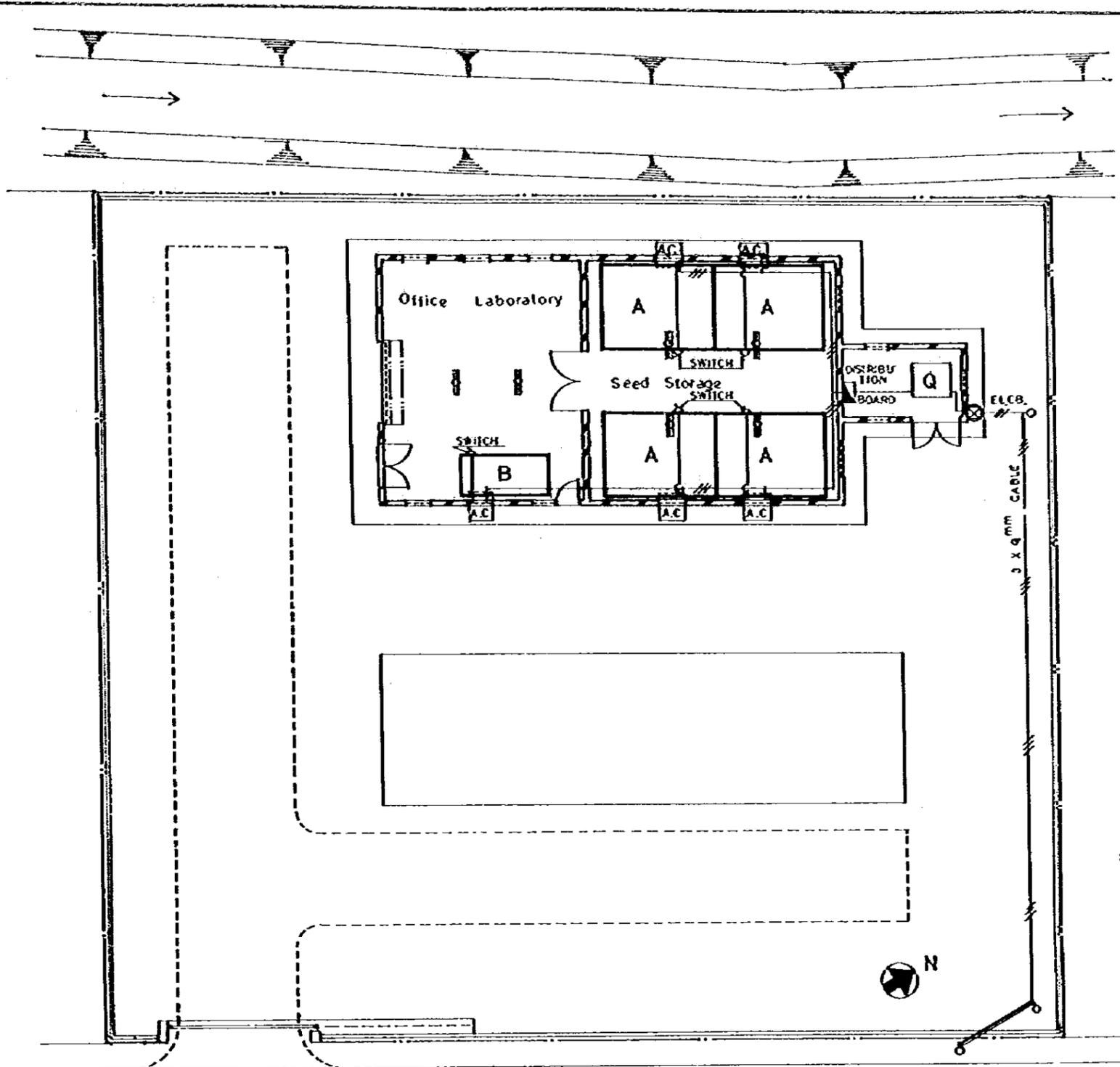
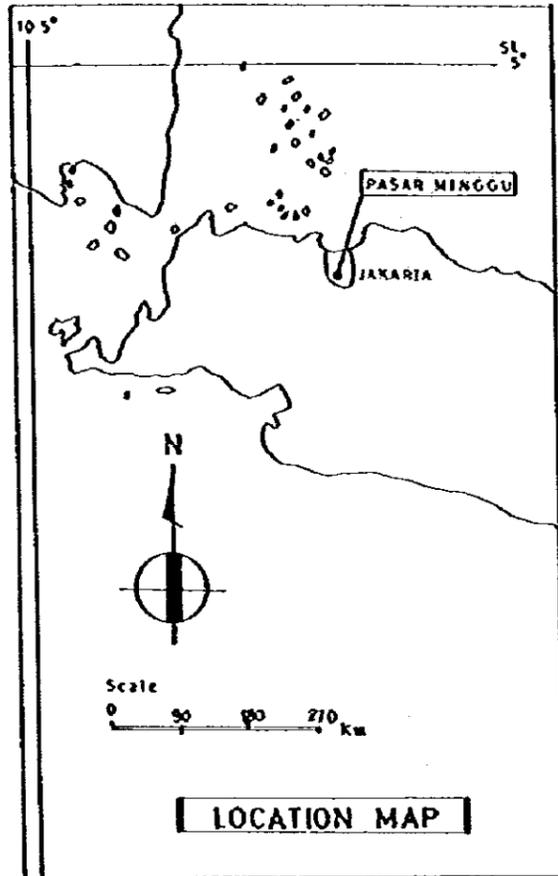


A-A SECTION



FLOOR PLAN

GOVERNMENT OF INDONESIA			
MINISTRY OF AGRICULTURE			
THE RICE SEED PRODUCTION AND DISTRIBUTION PROJECT			
PLAN OF SILO FACILITIES			
DATE	OCT 1952	ORG. NO.	SPC-108
JAPAN INTERNATIONAL COOPERATION AGENCY			



LEGEND

- A : Cold Storage 4 x 37.15 m³
- B : Cold Storage 14.47 m³

- Office
 - Seed Storage
 - Laboratory
- Existence House
- TOTAL 203 m²



GOVERNMENT OF INDONESIA			
MINISTRY OF AGRICULTURE			
THE RICE SEED PRODUCTION AND DISTRIBUTION PROJECT			
SITE PLAN OF JAKARTA			
CENTRAL SEED STORAGE CENTER			
DATE	JUNE 1982	OWG. NO.	JCS-001
JAPAN INTERNATIONAL COOPERATION AGENCY			

JICA

