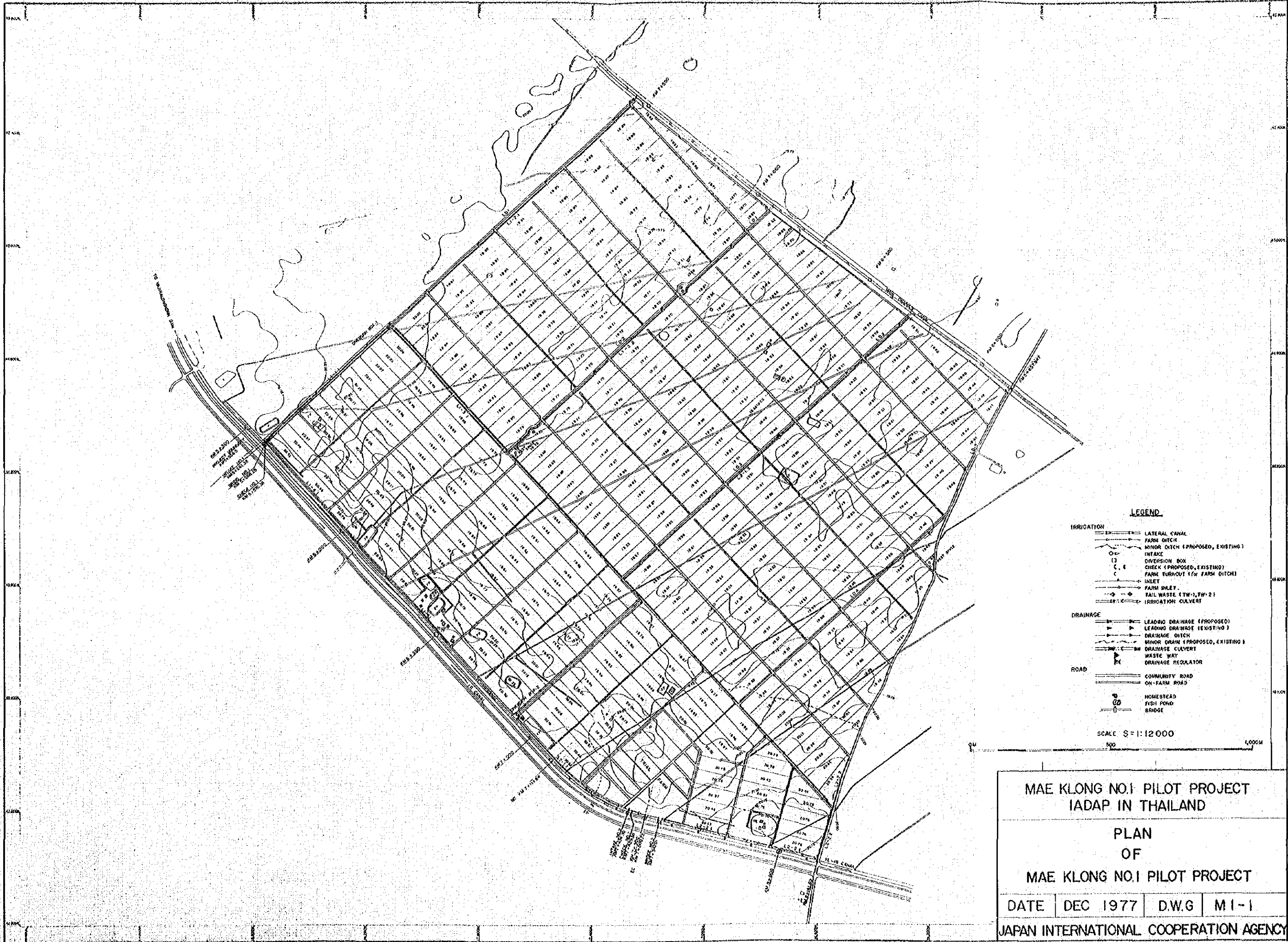


LIST OF DRAWINGS ON MAE KLONG NO.1 PILOT PROJECT

<u>PILOT PROJECT</u>	<u>DWG. NO.</u>
<u>PLAN</u>	
PLAN OF MAE KLONG NO. 1 PILOT PROJECT	M 1- 1
CONSTRUCTION PLAN OF MAE KLONG NO.1 PILOT PROJECT	M 1- 2
<u>STRUCTURES</u>	
INTAKE NO.1	M 1- 3
INTAKE NO.2	M 1- 4
BRIDGE AND CHECK GATE	M 1- 5
PROFILE OF IRRIGATION CANAL	M 1- 6.1
- ditto-	M 1- 6.2
PROFILE OF DRAINAGE CANAL	M 1- 7
TYPICAL SECTION OF ROAD AND CANAL	M 1- 8
IRRIGATION CULVERT	M 1- 9
DRAINAGE CULVERT	M 1-10
DIVERSION BOX, TURNOUT AND TAIL WASTE	M 1-11
FARM INLET AND INLET	M 1-12
<u>TRIAL FARM</u>	
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GENERAL WORKSHOP AND WAREHOUSES	M 1-18
REPAIRSHOP AND WORKSHOPS	M 1-19
OIL & FUEL STORAGE, SHOWER-W.C. AND CANTEEN	M 1-20
AGRICULTURAL MACHINERY SHED AND GARAGE	M 1-21
LIST OF FINISHING	M 1-22

LIST OF DRAWINGS ON MAE KLONG NO.2 PILOT PROJECT

	<u>DWG. NO.</u>
PLAN	
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-ditto-	M 2-1.3
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IRRIGATION FACILITIES (CANAL, CULVERT AND MICELLANEOUS)	M 2-5
DRAINAGE FACILITIES (CULVERT, WASTE WAY AND DRAINAGE REGULATOR)	M 2-6



LEGEND

- IRRIGATION**
- LATERAL CANAL
 - FARM DITCH
 - MINOR DITCH (PROPOSED, EXISTING)
 - INTAKE
 - DIVERSION BOX
 - CHECK (PROPOSED, EXISTING)
 - C FARM TURNOUT (for FARM DITCH)
 - INLET
 - FARM DILEY
 - TAIL WASTE (TW-1, TW-2)
 - IRRIGATION CULVERT
- DRAINAGE**
- LEADING DRAINAGE (PROPOSED)
 - LEADING DRAINAGE (EXISTING)
 - DRAINAGE DITCH
 - MINOR DRAIN (PROPOSED, EXISTING)
 - DRAINAGE CULVERT
 - WASTE WAY
 - DRAINAGE REGULATOR
- ROAD**
- COMMUNITY ROAD
 - ON-FARM ROAD
 - HOMESTEAD
 - FISH POND
 - BRIDGE

SCALE 1:12 000

MAE KLONG NO.1 PILOT PROJECT
IADAP IN THAILAND

PLAN
OF
MAE KLONG NO.1 PILOT PROJECT

DATE DEC 1977 D.W.G M1-1

JAPAN INTERNATIONAL COOPERATION AGENCY



LEGEND

IRRIGATION

- LATERAL CANAL
- FARM DITCH
- MINOR DITCH (PROPOSED, EXISTING)
- INTAKE
- DIVERSION BOX
- CHECK (PROPOSED, EXISTING)
- FARM TURNOUT (FOR FARM DITCH)
- INLET
- FARM INLET
- TAIL WASTE (TW-1, TW-2)
- IRRIGATION CULVERT

DRAINAGE

- LEADING DRAINAGE (PROPOSED)
- LEADING DRAINAGE (EXISTING)
- DRAINAGE DITCH
- MINOR DRAIN (PROPOSED, EXISTING)
- DRAINAGE CULVERT
- WASTE WAY
- DRAINAGE REGULATOR

ROAD

- COMMUNITY ROAD
- ON-FARM ROAD

IC - IRRIGATION CULVERT
 DC - DRAINAGE CULVERT
 T - TURN OUT
 T-F - TYPE OF TURNOUT
 20.50 - INVERT ELEVATION
 — EARTH REMOVAL AMONG PLOTS AND ITS QUANTITY (CU-M)

□ HOMESTEAD
 □ FISH POND
 □ BRIDGE

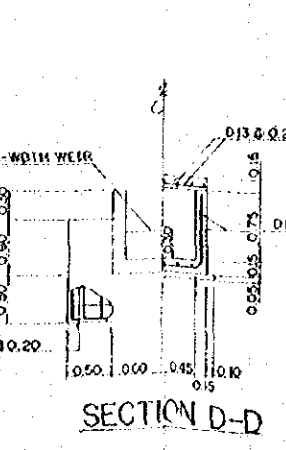
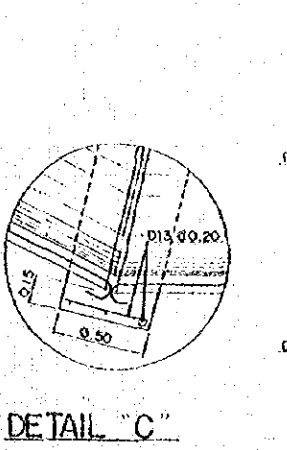
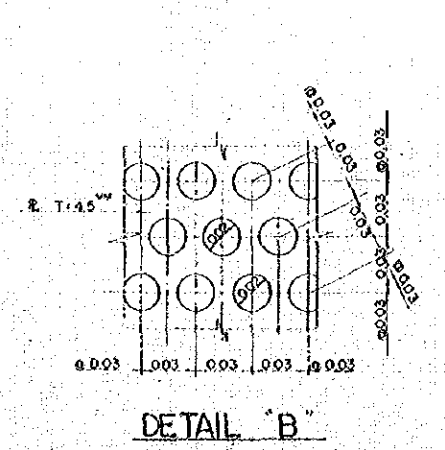
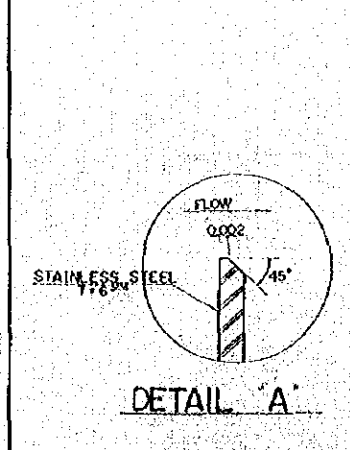
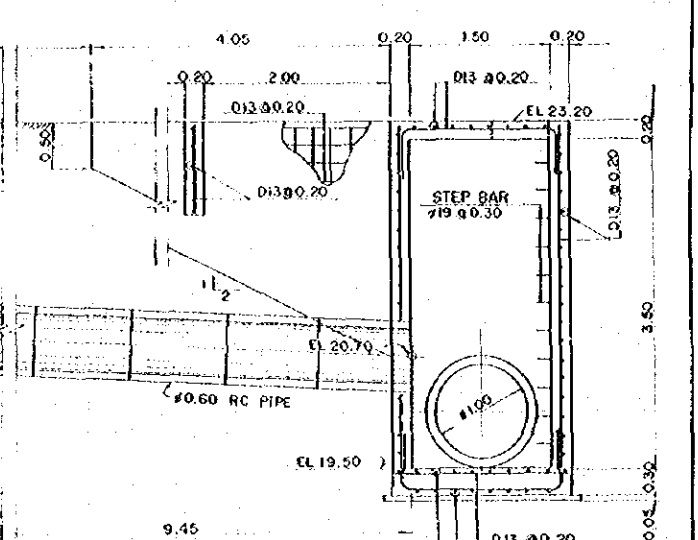
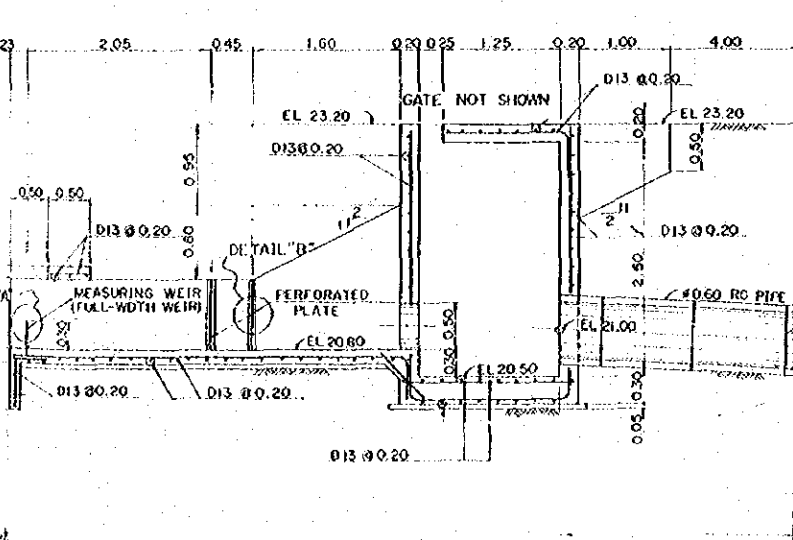
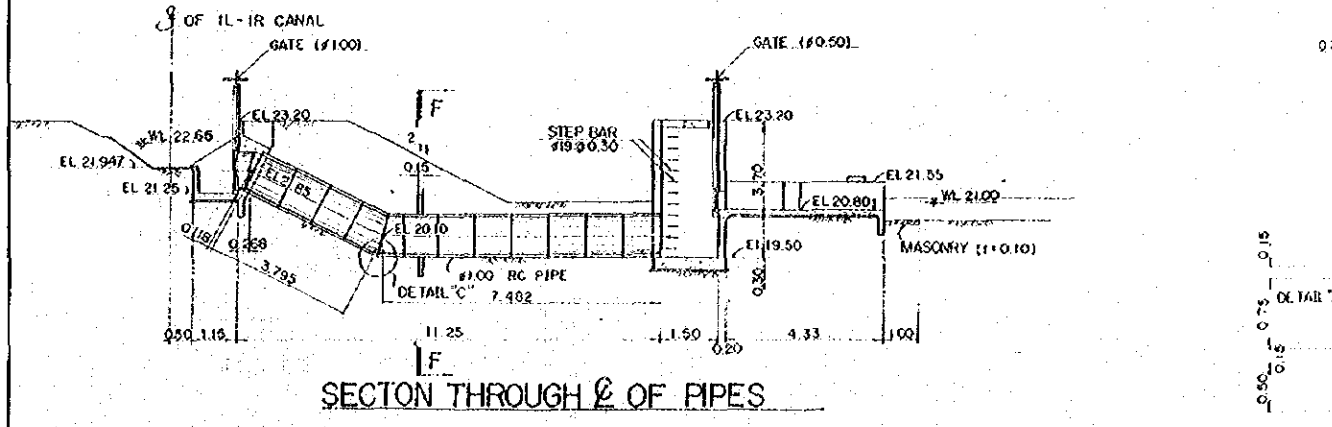
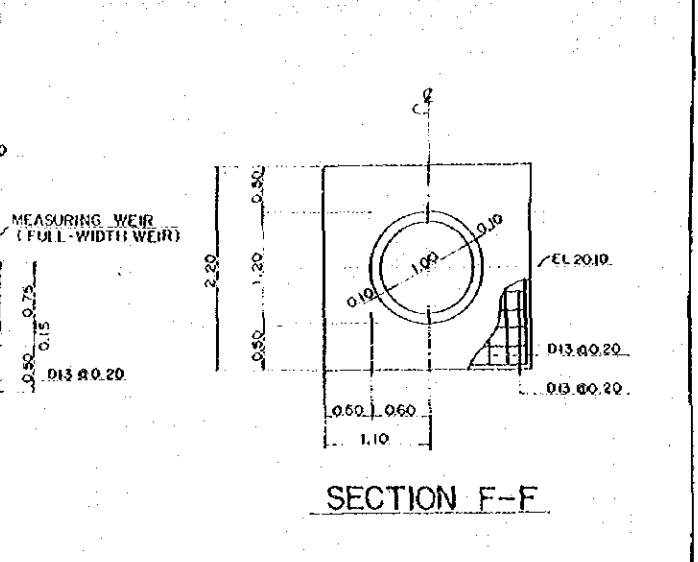
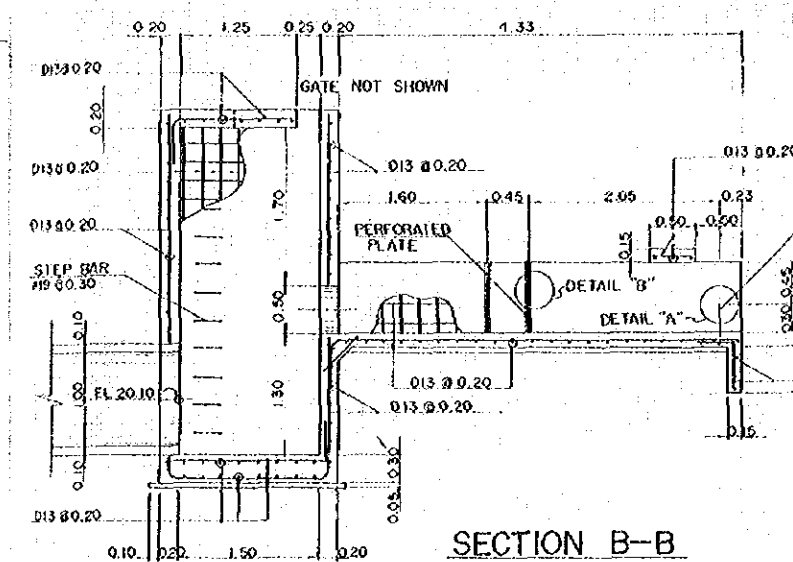
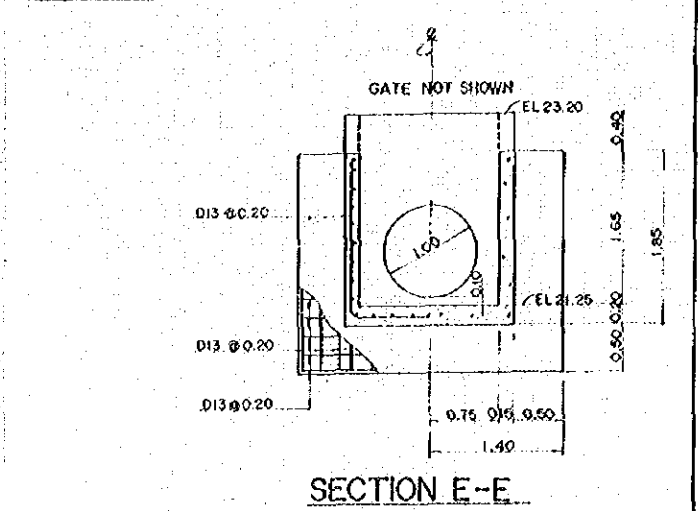
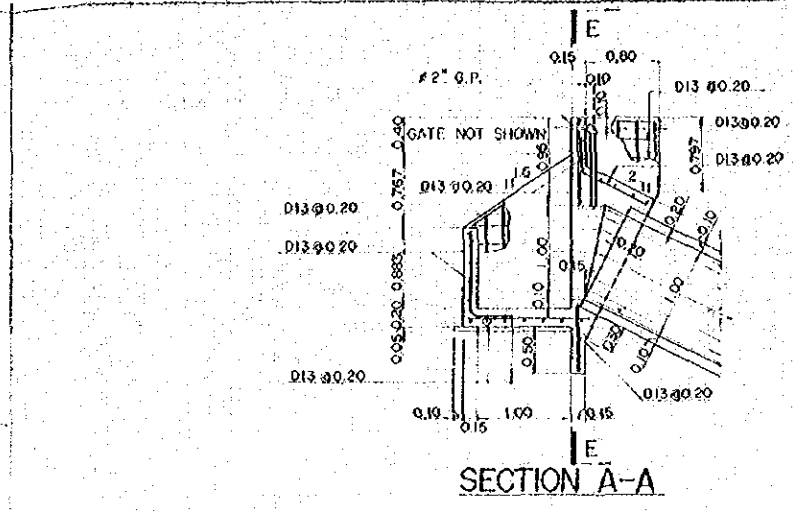
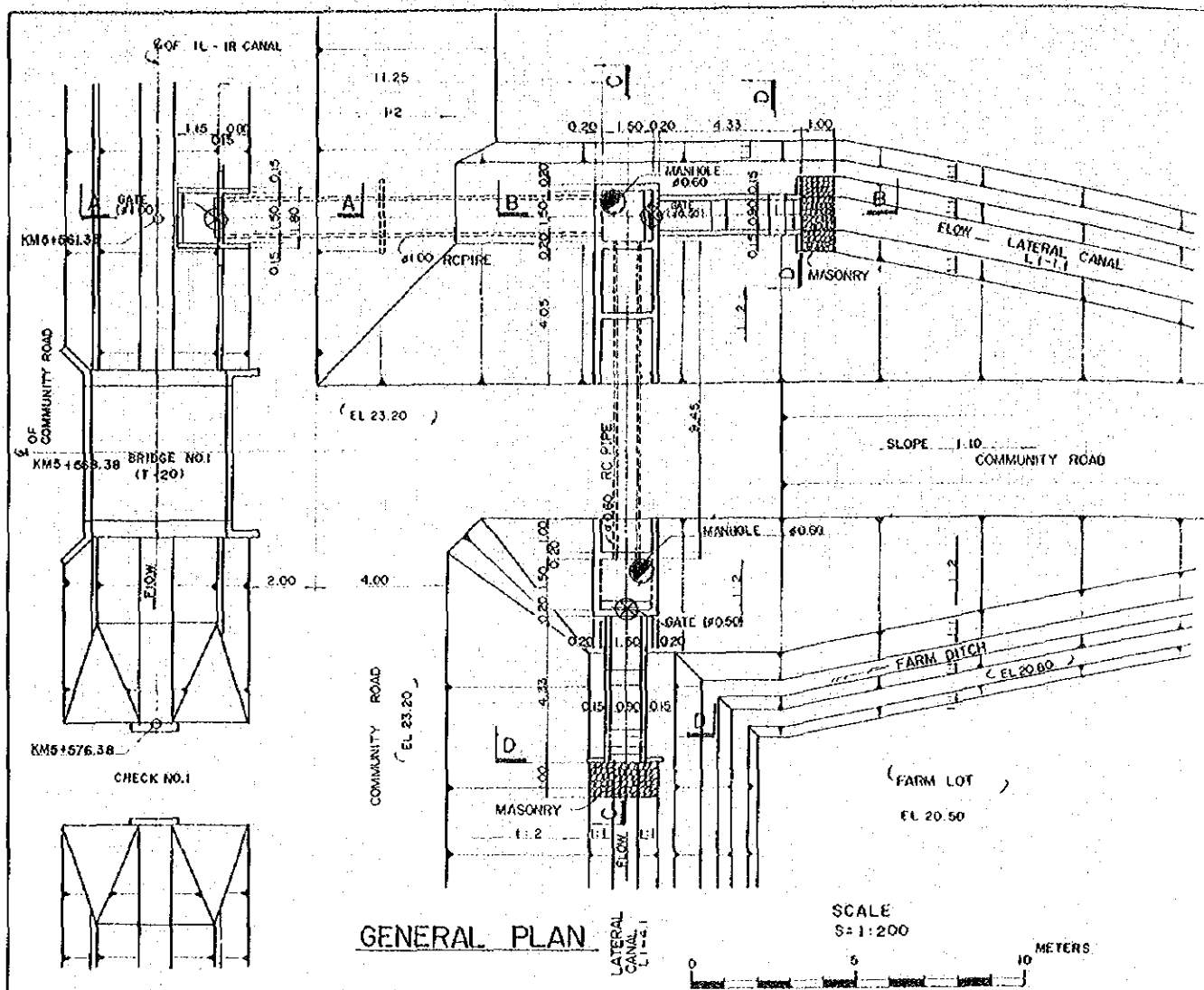
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0M 500 1,000M

MAE KLONG NO.1 PILOT PROJECT
IADAP IN THAILAND

CONSTRUCTION PLAN
OF
MAE KLONG NO.1 PILOT PROJECT

 DATE | DEC 1977 | D.W.G | M1-2
 JAPAN INTERNATIONAL COOPERATION AGENCY



ALL DIMENSIONS ARE GIVEN IN METERS

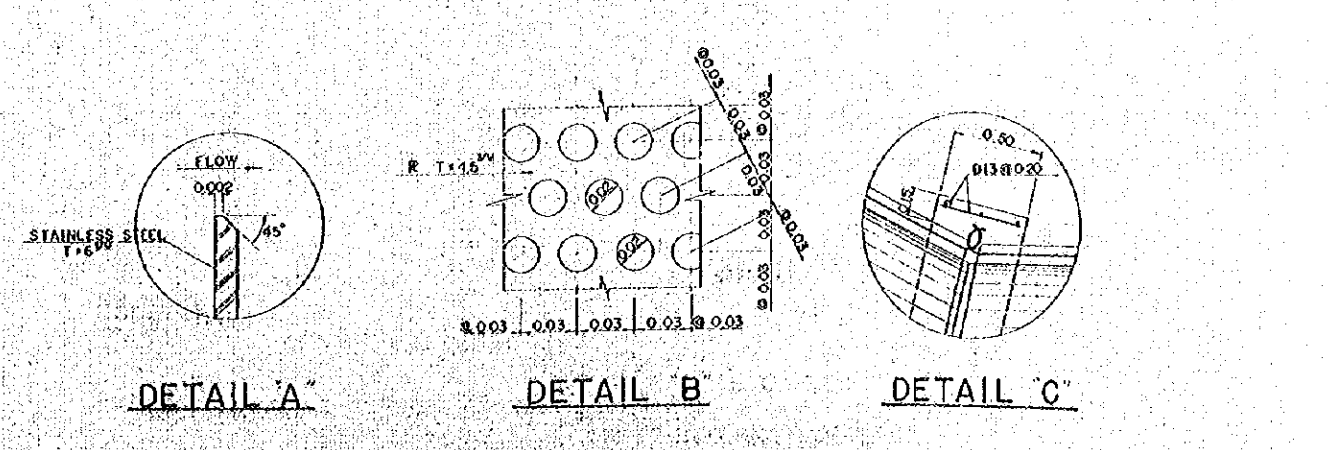
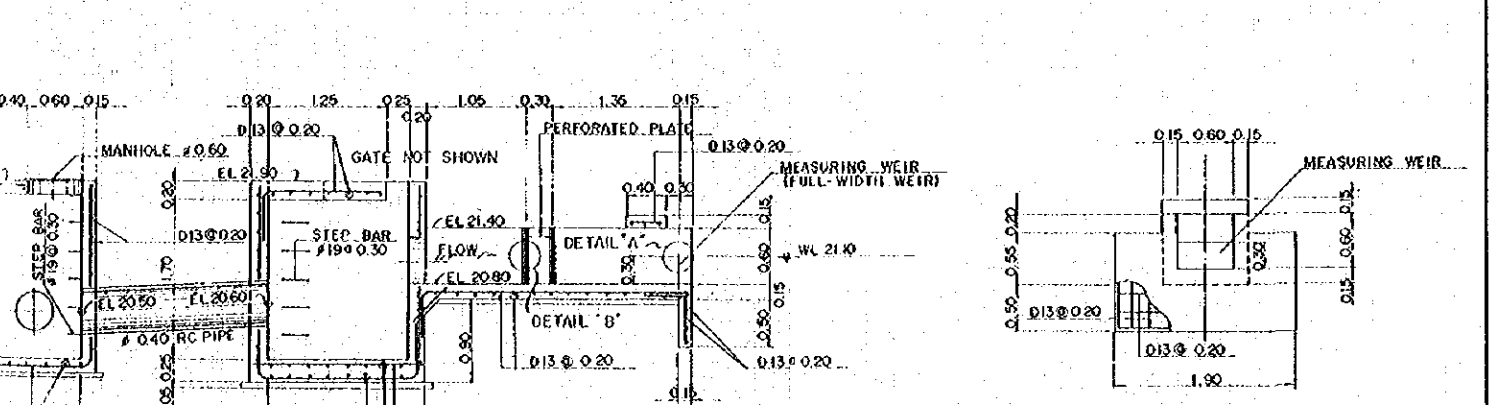
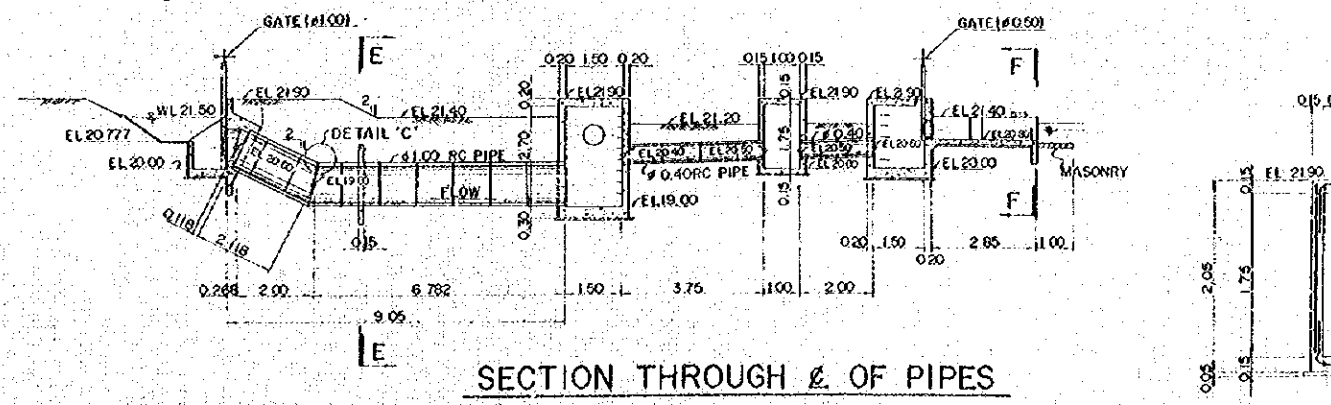
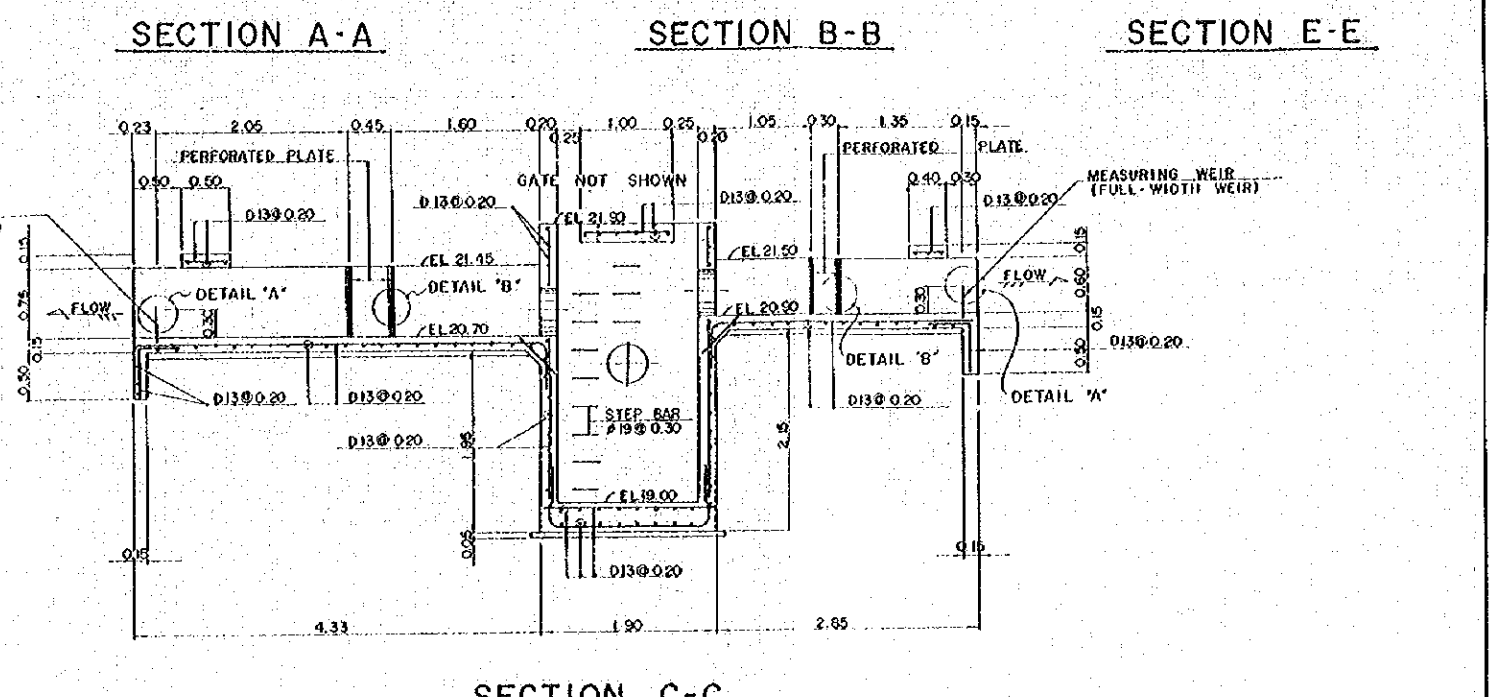
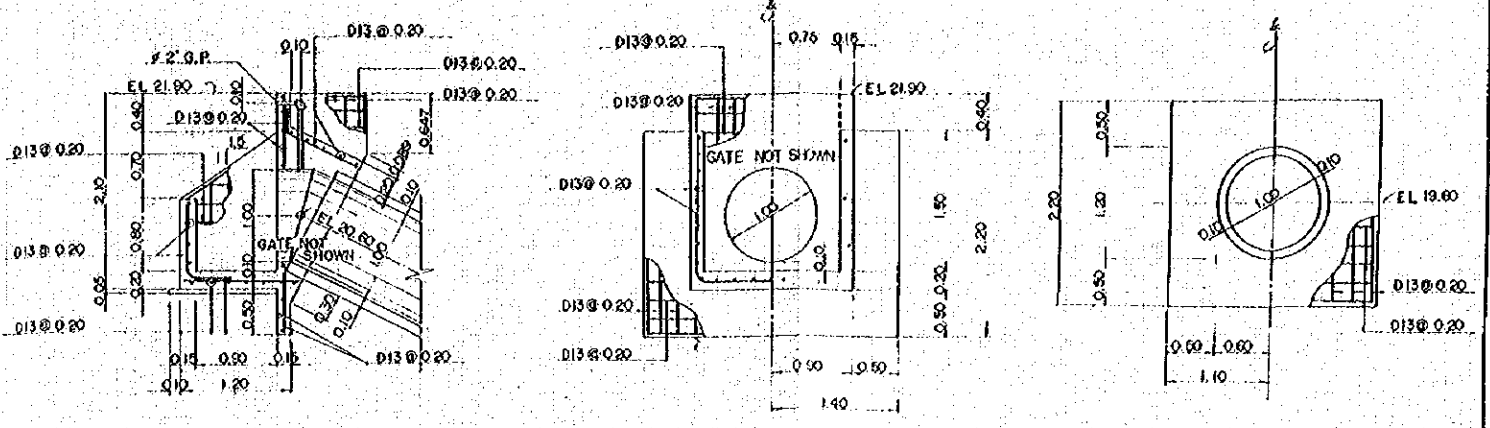
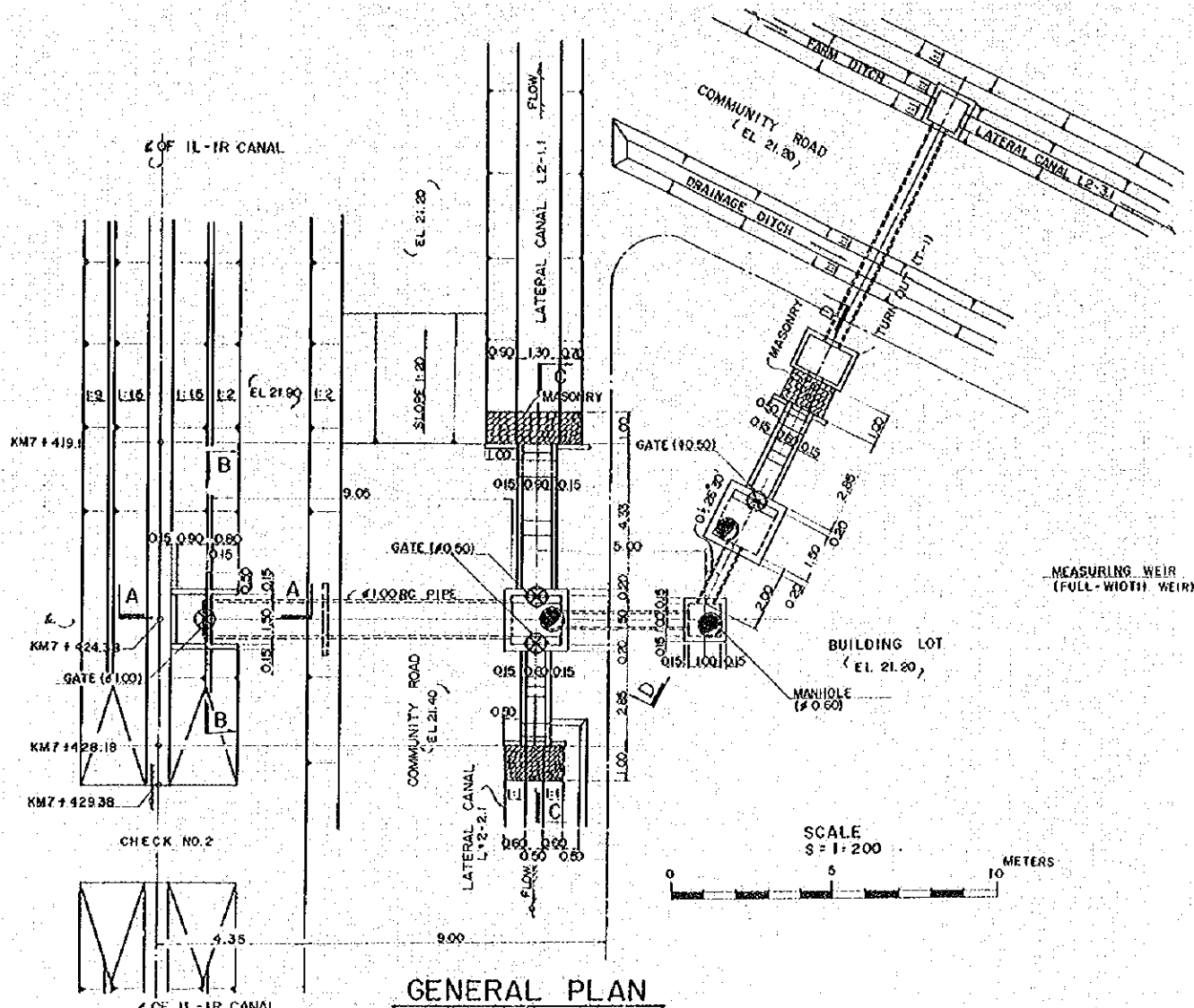
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MAE KLONG NO.1 PILOT PROJECT
IADAP IN THAILAND

INTAKE NO.1

DATE	DEC 1977	D.W.G	M 1-3
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JAPAN INTERNATIONAL COOPERATION AGENCY



**MAE KLONG NO.1 PILOT PROJECT
IADAP IN THAILAND**

INTAKE NO.2

SCALE 1:80

DATE DEC 1977 D.W.G M1-4

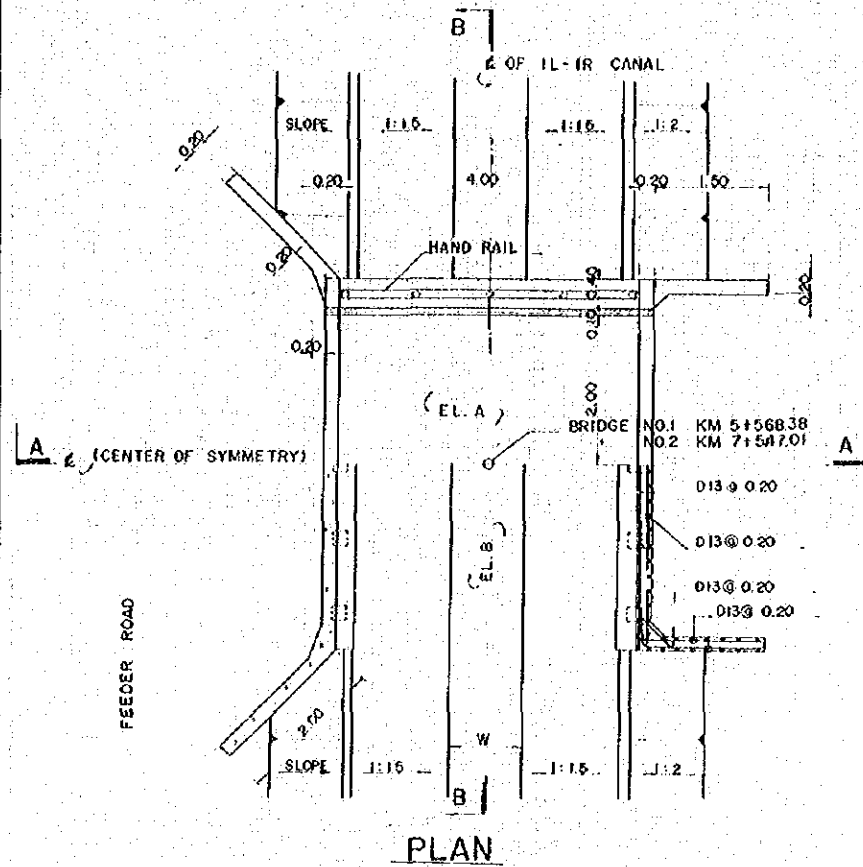
JAPAN INTERNATIONAL COOPERATION AGENCY

BRIDGE

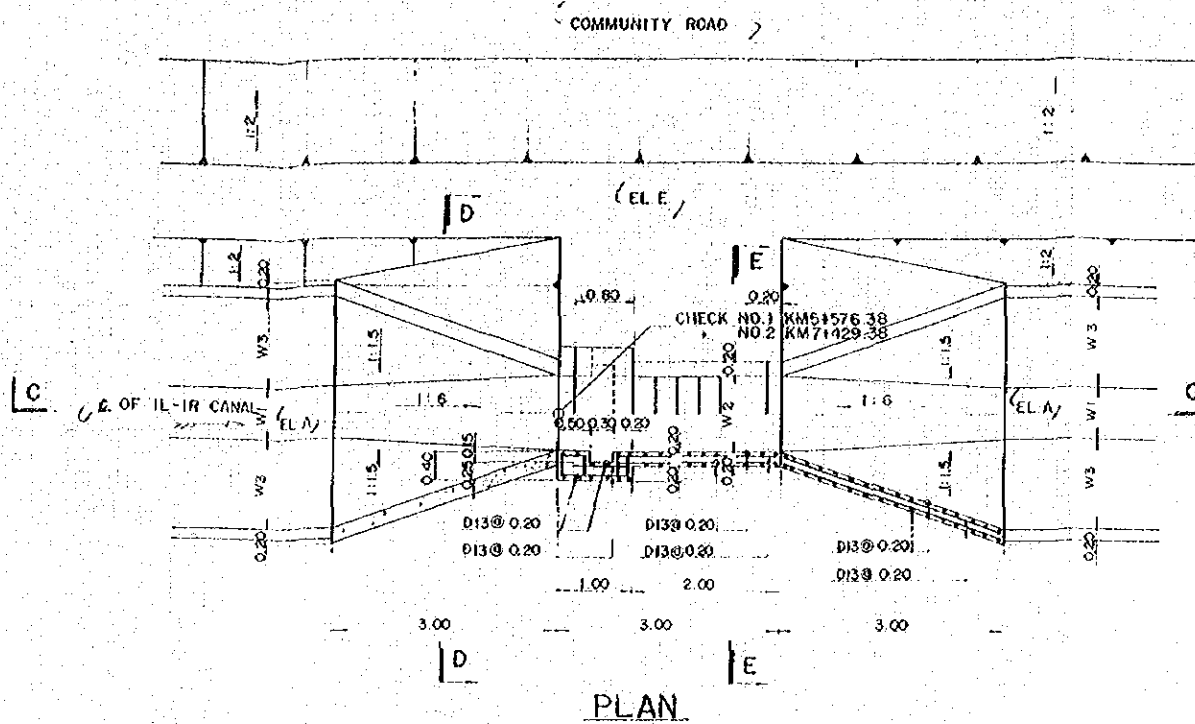
CHECK GATE

DIMENSIONS OF CHECK GATE

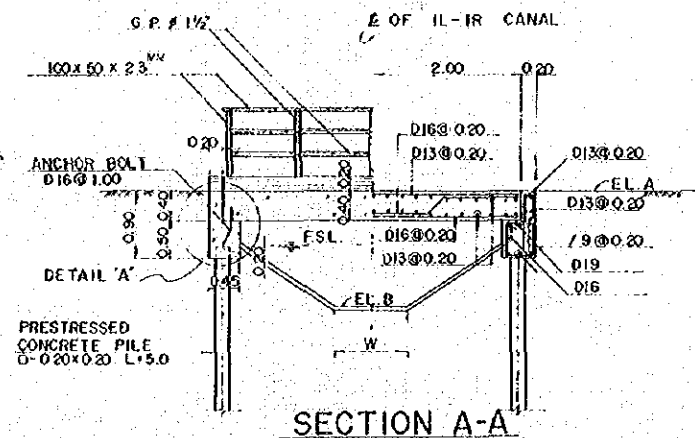
ITEM	CHECK GATE	
	NO. 1	NO. 2
F.S.L	22.65	21.50
EL. A	21.95	20.80
EL. B	22.80	21.68
EL. C	21.45	20.30
EL. D	24.95	23.65
EL. E	23.20	21.90
W1	1.00	0.70
W2	1.20	1.00
W3	1.275	1.275
H1	0.85	0.85
H2	1.75	1.60
H3	0.40	0.25
H4	0.75	0.60
GATE (B x H)	1.20 x 1.00	1.00 x 1.00



PLAN



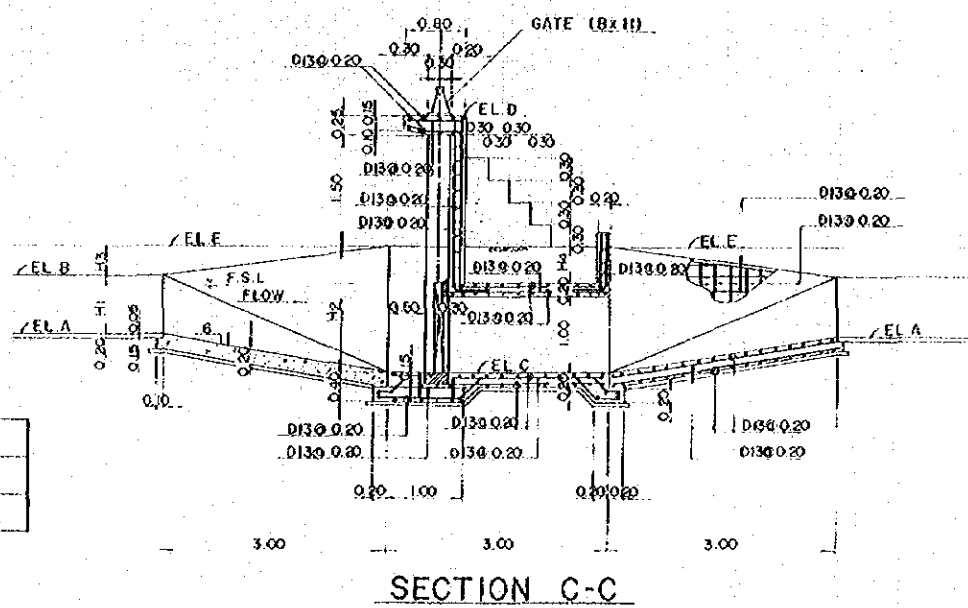
PLAN



SECTION A-A

DIMENSIONS OF BRIDGE

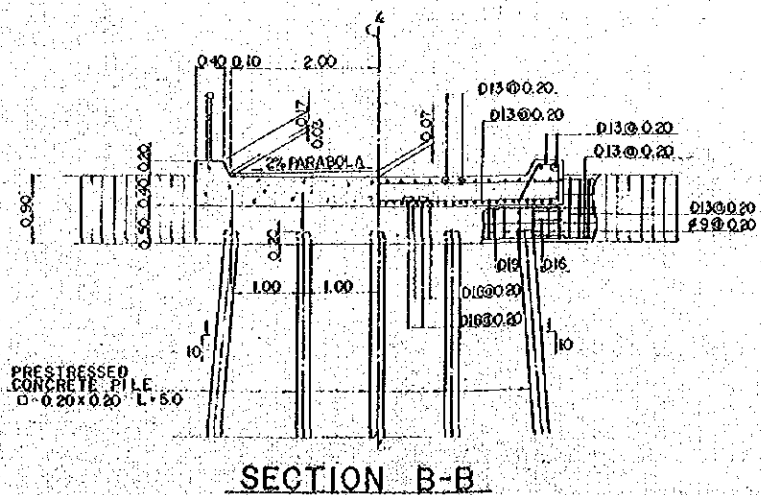
ITEM	F.S.L	EL. A	EL. B	W
BRIDGE NO. 1	22.65	23.20	21.95	1.00
BRIDGE NO. 2	21.33	22.30	20.80	0.70



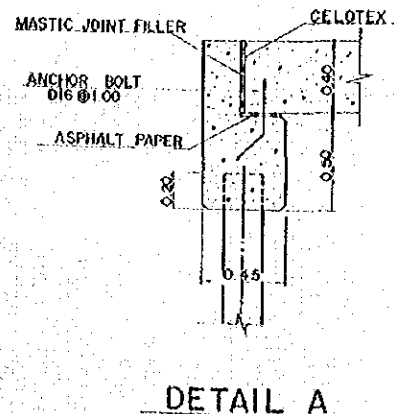
SECTION C-C

ALL DIMENSIONS ARE GIVEN IN METERS.

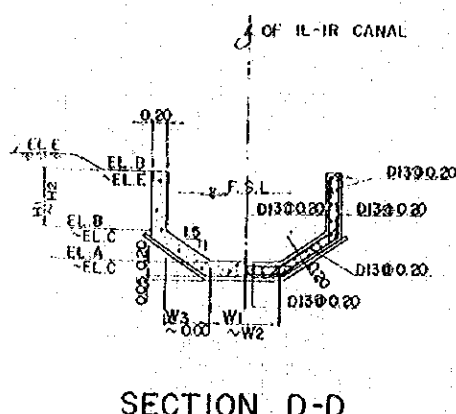
SCALE
S = 1:100



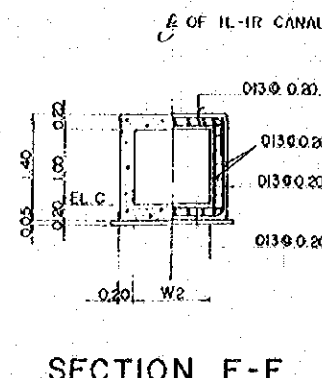
SECTION B-B



DETAIL A



SECTION D-D



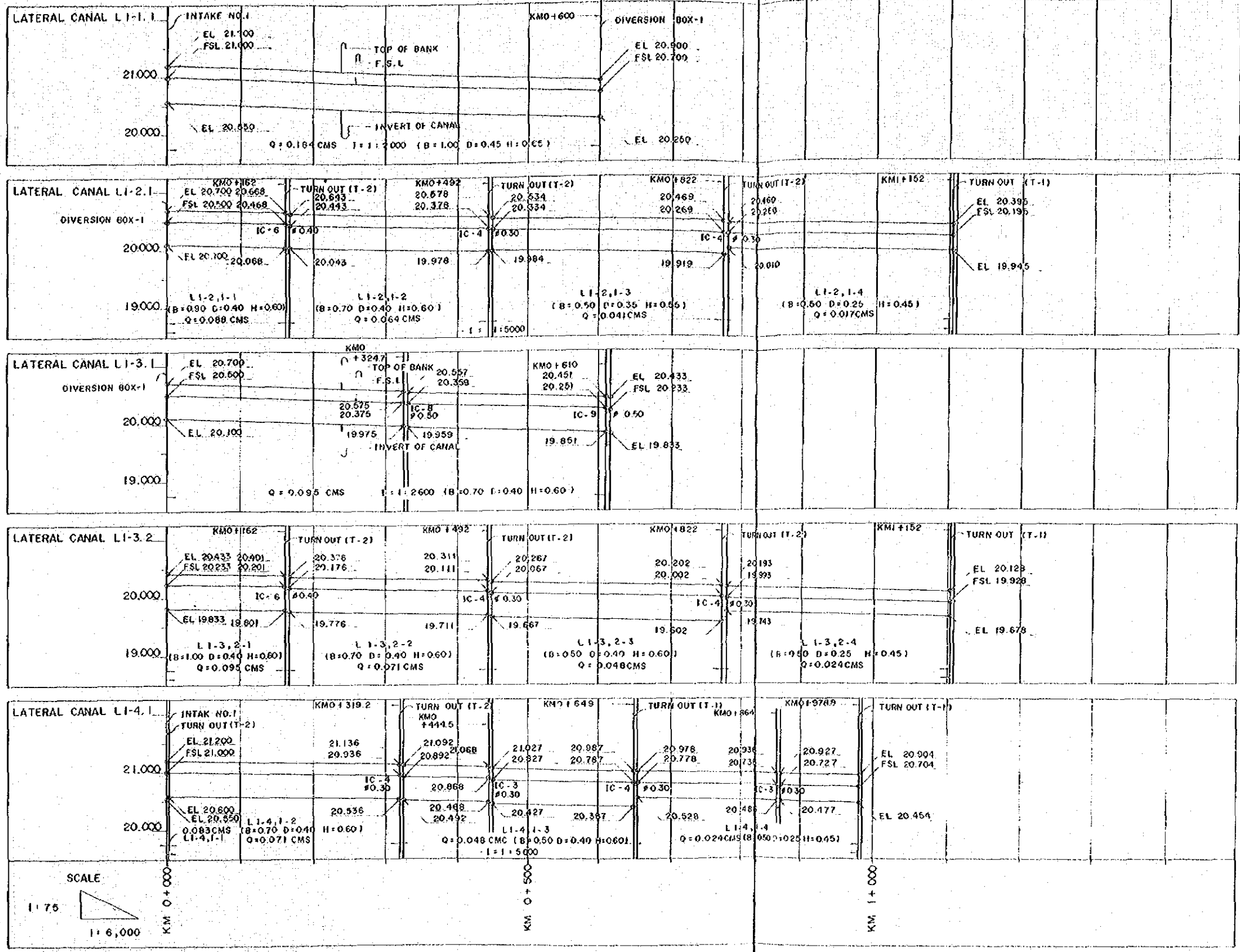
SECTION E-E

**MAE KLONG NO. 1 PILOT PROJECT
IADAP IN THAILAND**

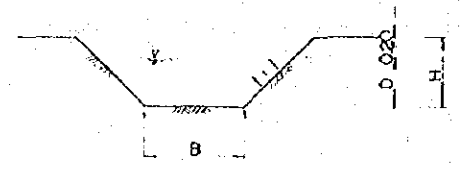
BRIDGE AND CHECK

DATE DEC 1977 D.W.G MI-5

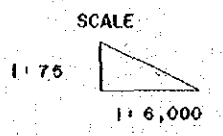
JAPAN INTERNATIONAL COOPERATION AGENCY



TYPICAL SECTION OF CANAL



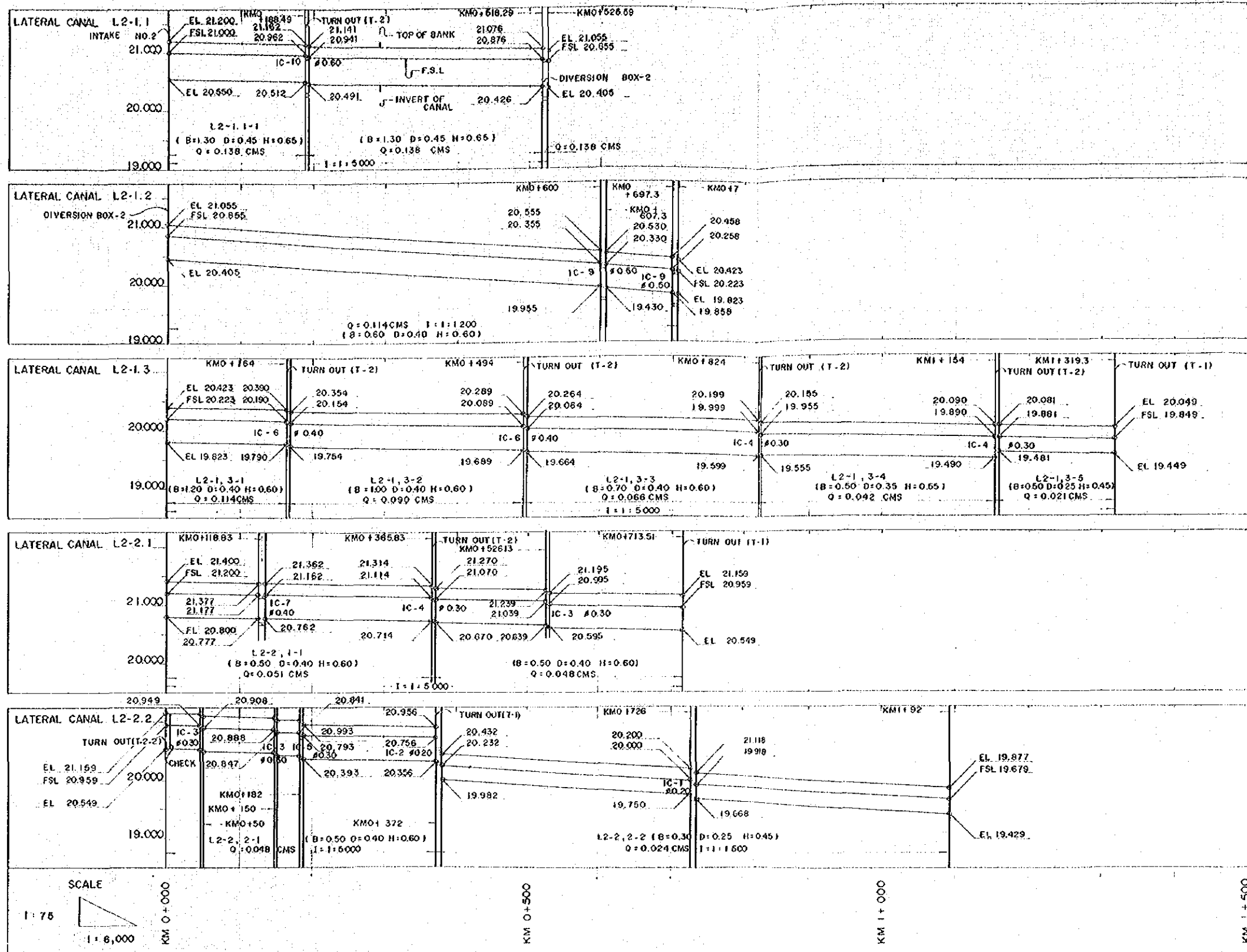
NOTE
ALL DIMENSIONS ARE GIVEN IN METERS.
IC: IRRIGATION CULVERT.



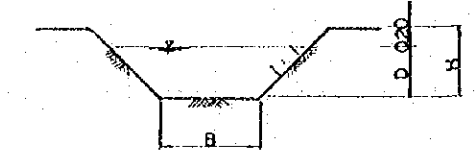
MAE KLONG NO.1 PILOT PROJECT
IADAP IN THAILAND

PROFILE OF IRRIGATION CANAL

DATE | DEC. 1977 | D.W.G | M1-6.1
JAPAN INTERNATIONAL COOPERATION AGENCY



TYPICAL SECTION OF CANAL



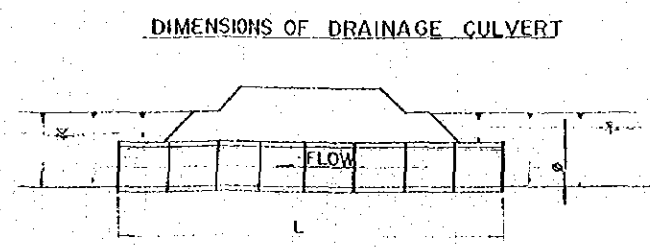
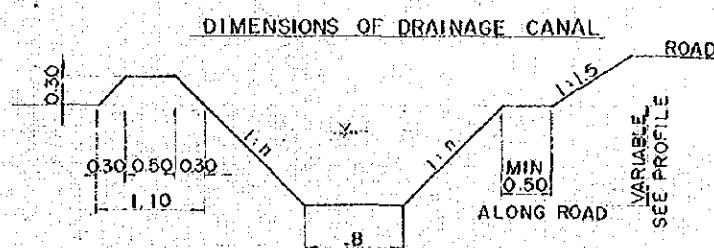
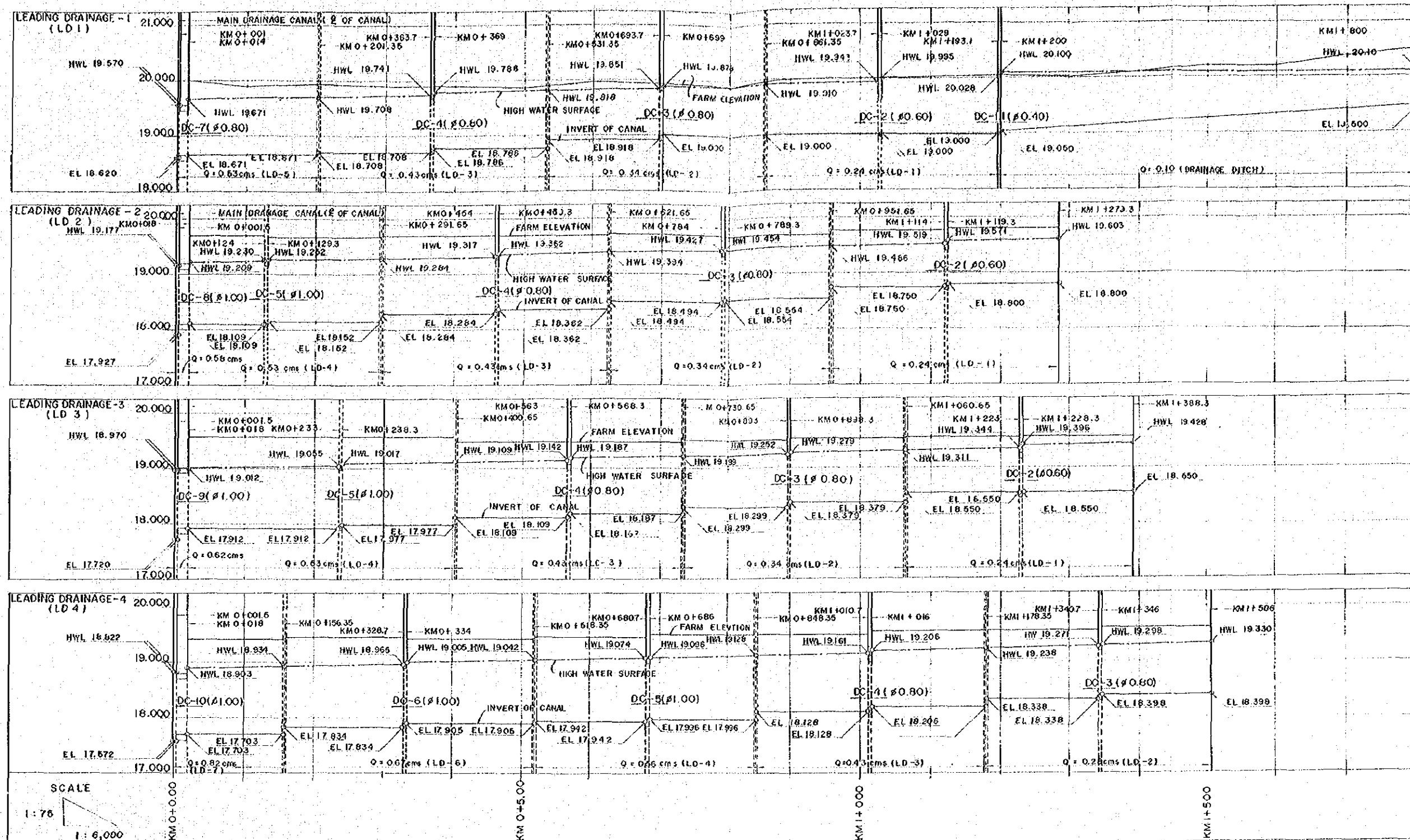
NOTE
ALL DIMENSIONS ARE GIVEN IN METERS.
IC : IRRIGATION CULVERT

MAE KLONG NO.1 PILOT PROJECT
IADAP IN THAILAND

PROFILE OF IRRIGATION CANAL

DATE	DEC. 1977	D.W.G	M1-6.2
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JAPAN INTERNATIONAL COOPERATION AGENCY



ALL DIMENSIONS ARE GIVEN IN METERS

NAME OF CANAL	B (M)	n
DRAINAGE DITCH	0.50	1.0
LD-1	1.00	1.5
LD-2	1.00	1.5
LD-3	1.00	1.5
LD-4	1.00	1.5
LD-5	1.20	1.5
LD-6	1.30	1.5
LD-7	1.30	1.5

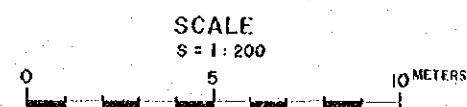
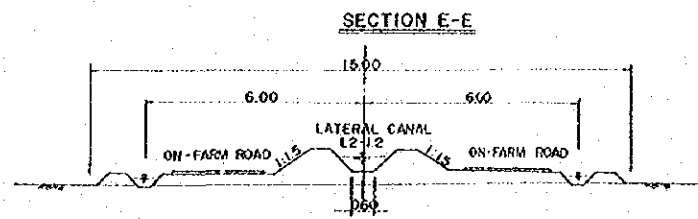
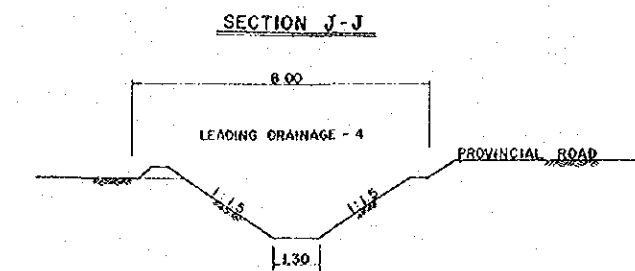
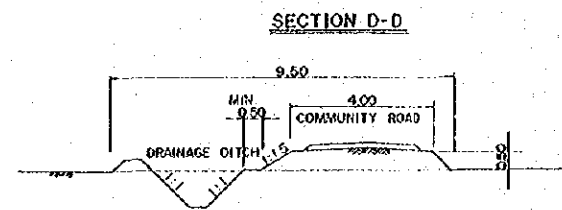
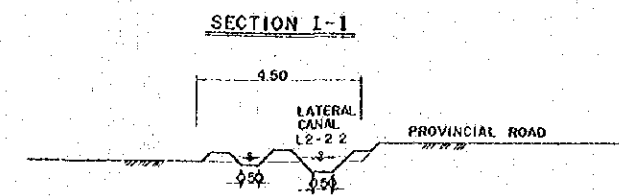
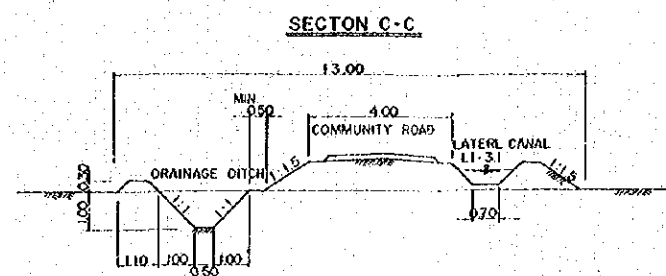
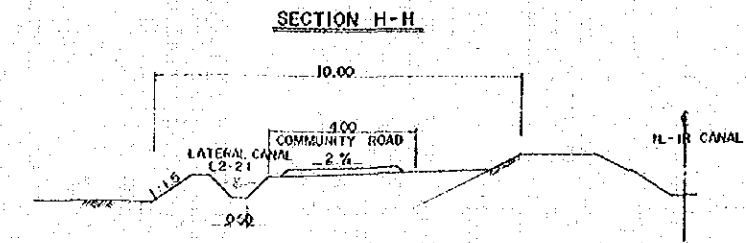
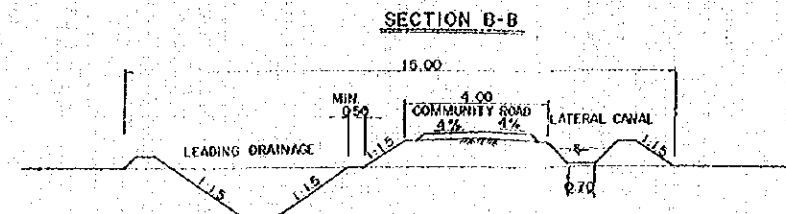
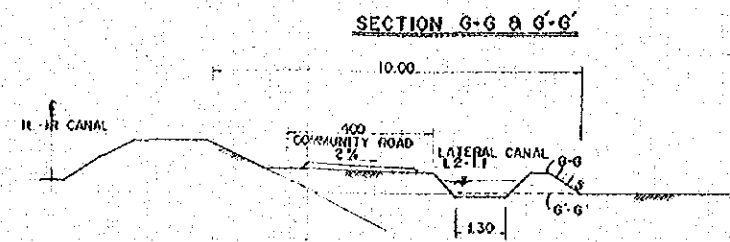
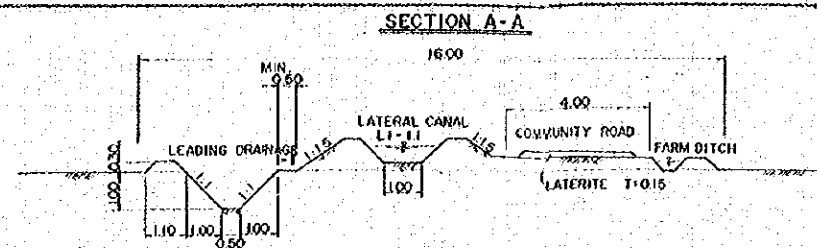
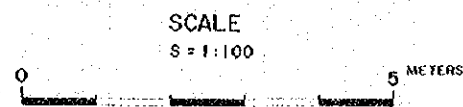
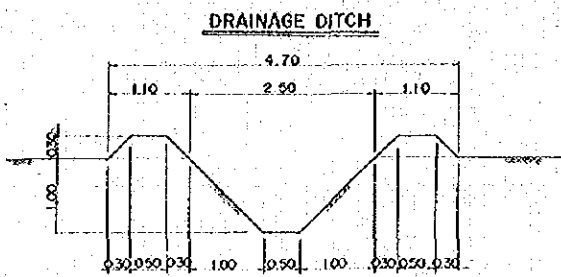
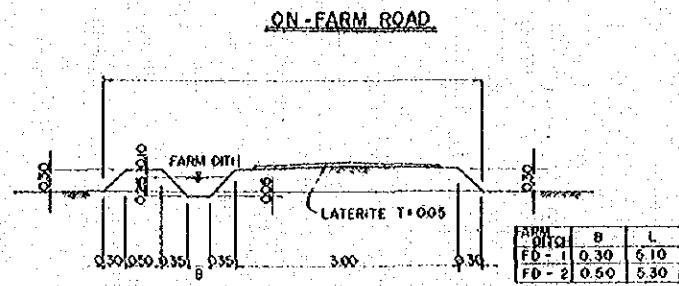
DRAINAGE CULVERT	B (M)	L (M)
DC-1.1	0.40	12.00
DC-1.2	0.40	9.00
DC-2	0.60	8.00
DC-3	0.80	9.00
DC-4	0.80	9.00
DC-5	1.00	10.00
DC-6	1.00	10.00
DC-7	0.80	13.00
DC-8	1.00	16.00
DC-9	1.00	16.00
DC-10	1.00	16.00

MAE KLONG NO.1 PILOT PROJECT
IADAP IN THAILAND

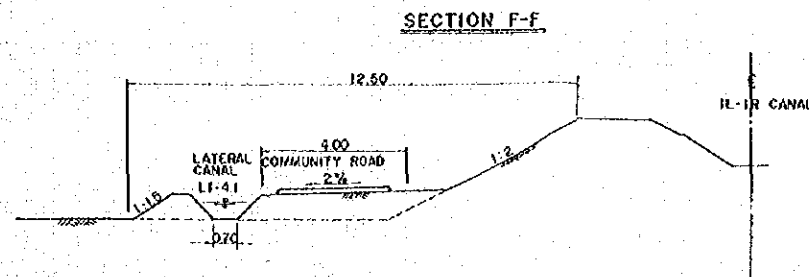
PROFILE OF DRAINAGE CANAL

DATE	DEC. 1977	D.W.G	MI-7
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JAPAN INTERNATIONAL COOPERATION AGENCY



ALL DIMENSIONS ARE GIVEN IN METERS
LOCATION OF EACH SECTION IS SHOWN IN DWG. NO.M1-2



MAE KLONG NO.1 PILOT PROJECT
IADAP IN THAILAND

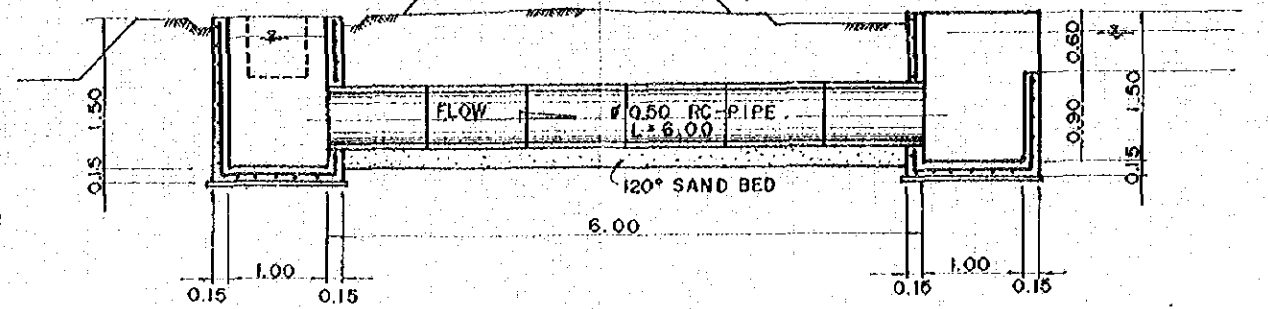
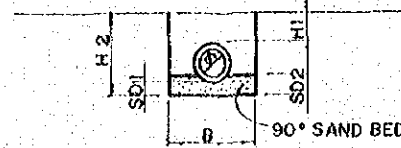
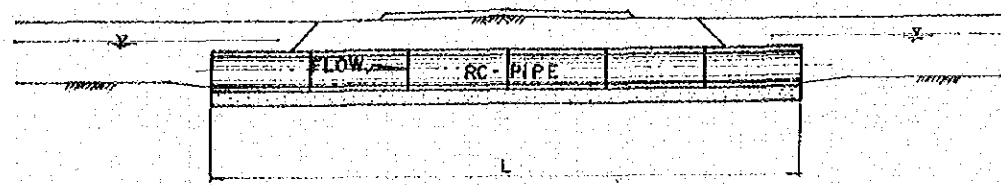
TYPICAL SECTIONS
OF
ROAD AND CANAL

DATE	DEC 1977	D.W.G	M1-8
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JAPAN INTERNATIONAL COOPERATION AGENCY

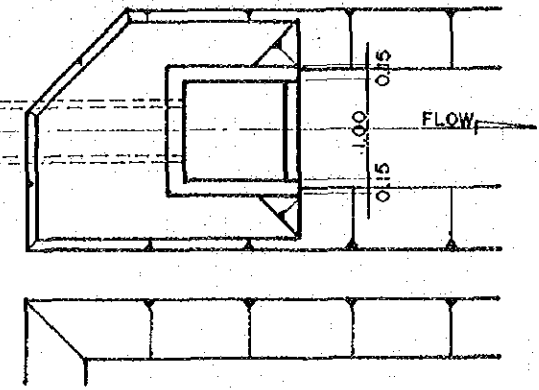
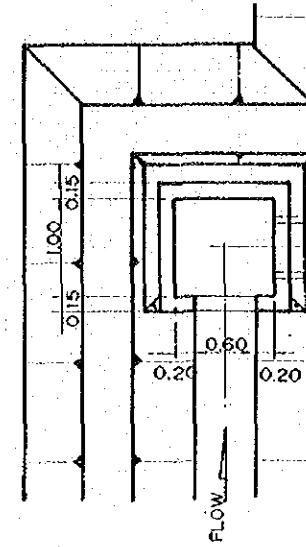
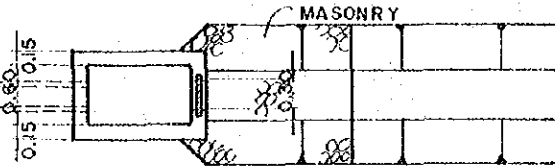
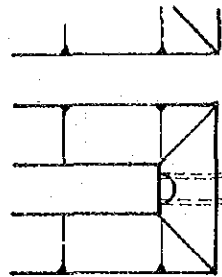
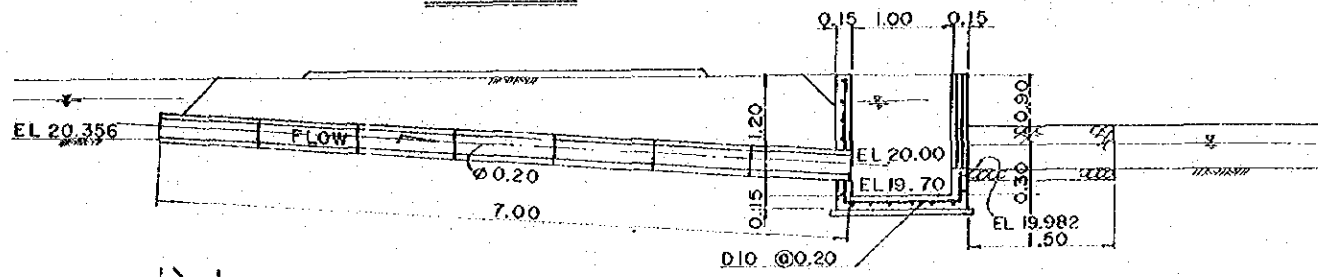
IC-1, IC-3, IC-4, IC-5, IC-6, IC-7, IC-10

IC-9

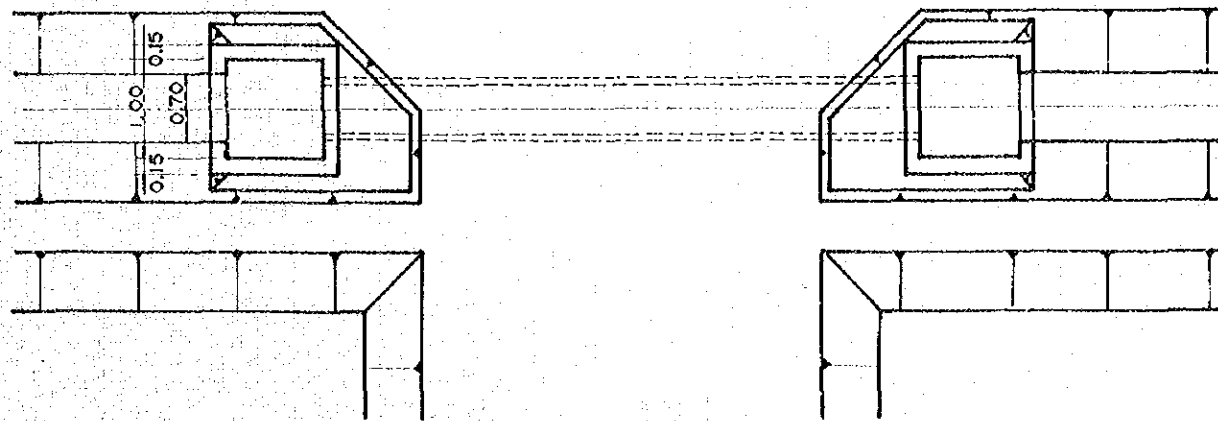
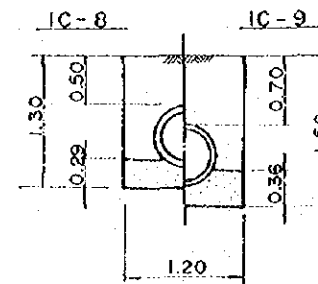
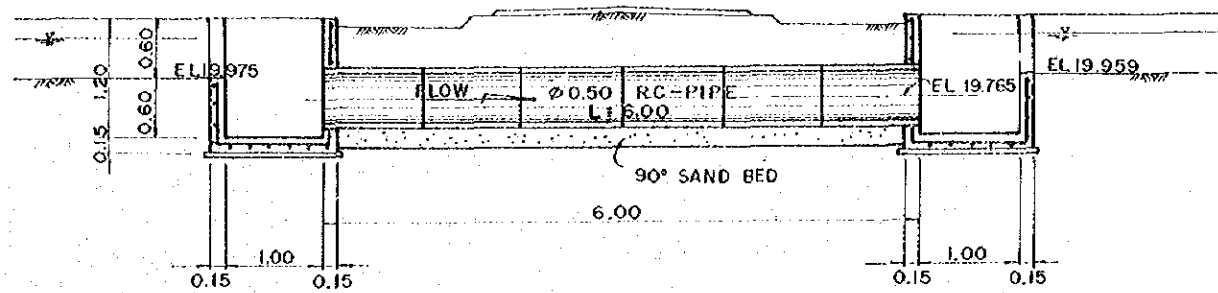


	Ø	L	B	H1	H2	SD1	SD2
IC-1	0.20	7.00	0.80	0.30	0.60	SAND BED NOT REQUIRED	
IC-3	0.30	5.00	0.90	0.30	0.85	0.15	0.20
IC-4	0.30	6.00	0.90	0.30	0.85	0.15	0.20
IC-5	0.30	7.00	0.90	0.30	0.85	0.15	0.20
IC-6	0.40	6.00	1.10	0.50	1.15	0.20	0.22
IC-7	0.40	10.00	1.10			0.20	0.22
IC-10	0.60	6.00	1.30	0.50	1.45	0.20	0.30

IC-2



IC-8



SCALE
S = 1:75

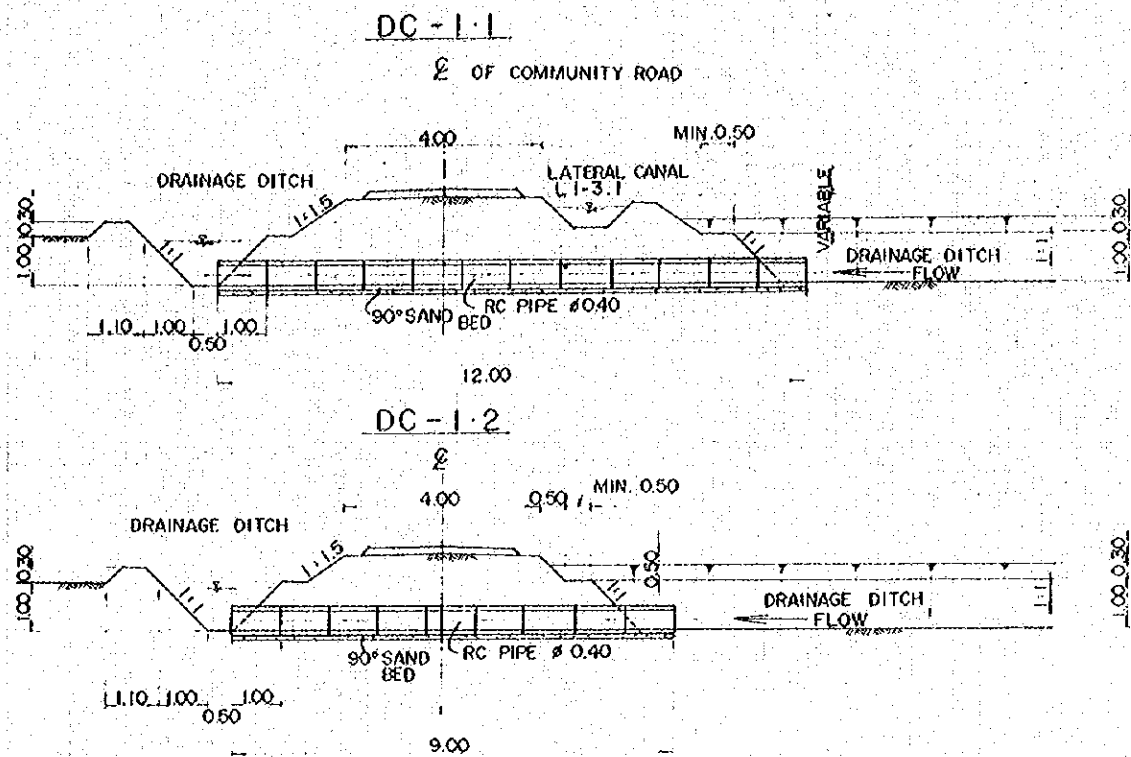


MAE KLONG NO.1 PILOT PROJECT
IADAP IN THAILAND

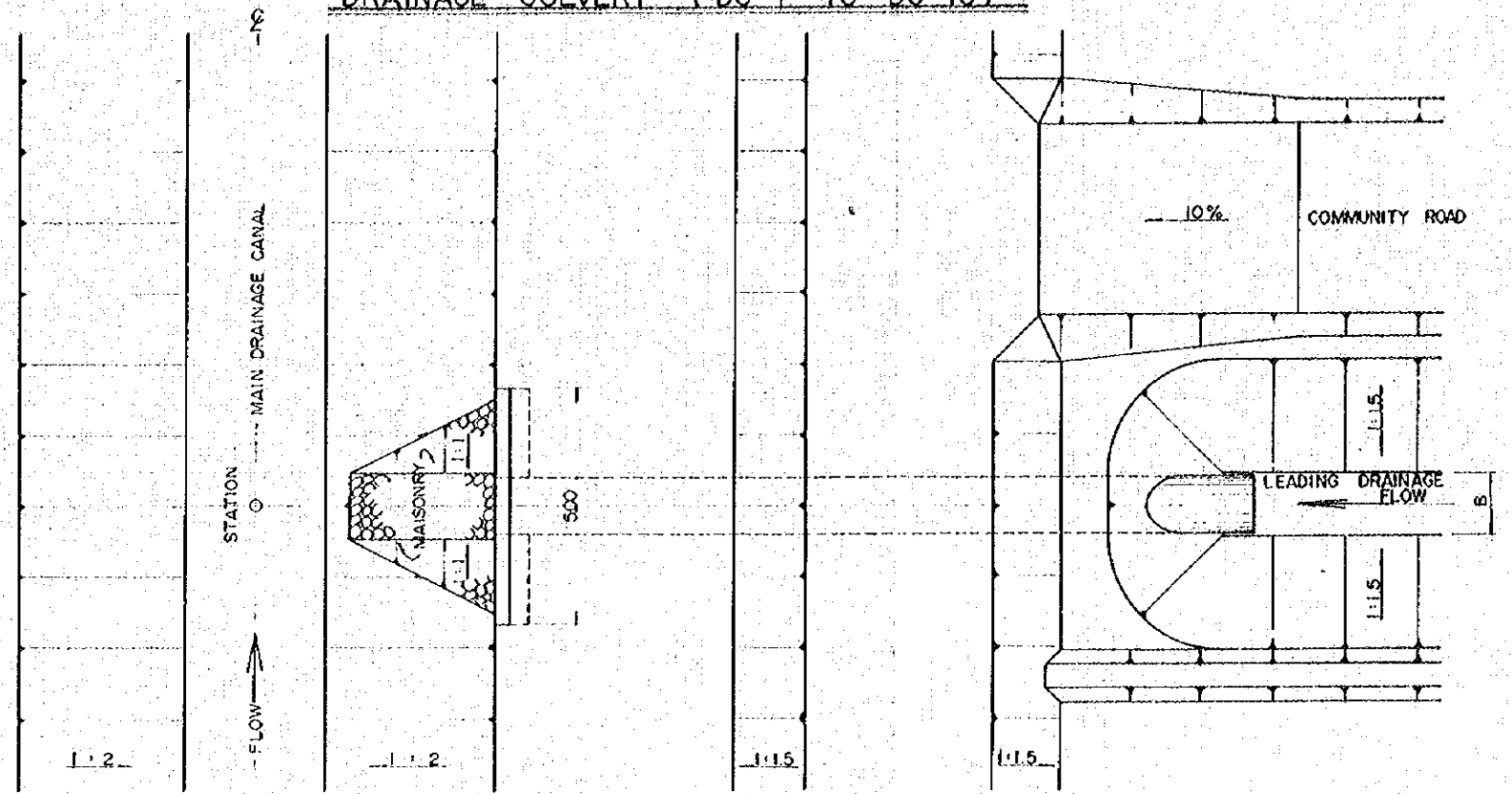
IRRIGATION CULVERT

DATE DEC.1977 D.W.G M1-9
JAPAN INTERNATIONAL COOPERATION AGENCY

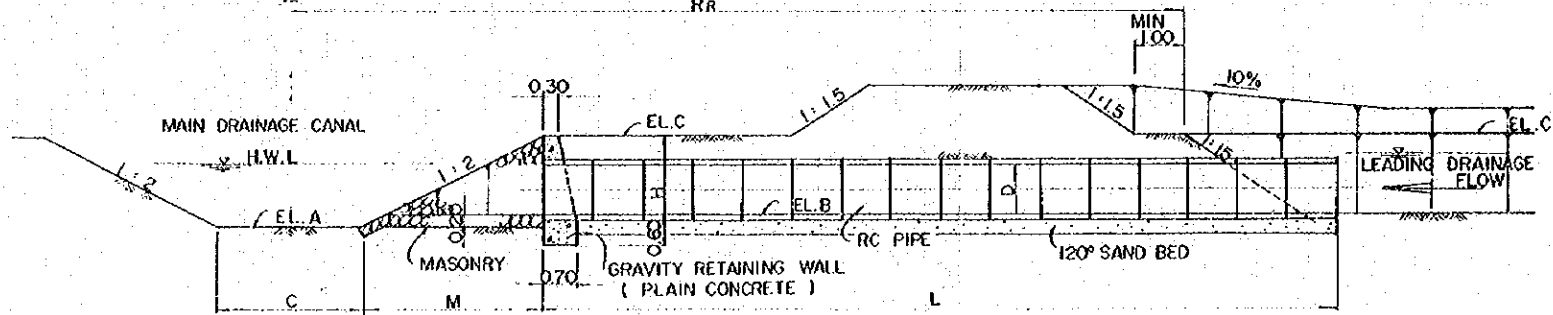
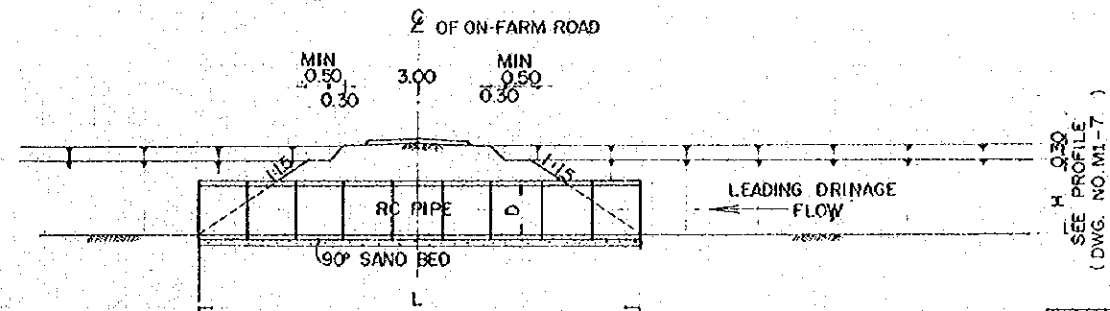
DRAINAGE CULVERT (DC-1)



DRAINAGE CULVERT (DC-7 TO DC-10)



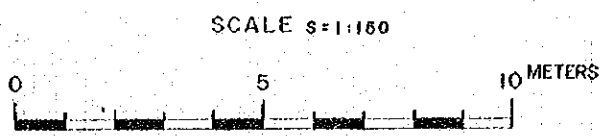
DRAINAGE CULVERT (DC-2 TO DC-5)



DRAINAGE CULVERT	DIMENSIONS (M)			NUMBER OF LEDING DRAINAGE
	L	D	H	
DC-2	8.00	ø 0.60	1.00	LD-1
DC-3	9.00	ø 0.80	1.00~1.20	LD-2
DC-4	9.00	ø 0.80	1.20~1.40	LD-3
DC-5	10.00	ø 1.00	1.60~1.70	LD-4
DC-6	10.00	ø 1.00	1.60	LD-5

DRAINAGE CULVERT	STATION	EL. A	EL. B	EL. C	R _r	DIMENSIONS (M)					
						C	M	L	B	D	H
DC-7	KM 7 + 555	18.620	18.671	20.00	14.00	2.00	2.76	13.00	1.20	ø 0.80	1.329
DC-8	KM 6 + 930	17.927	18.109	19.70	18.00	3.00	3.55	16.00	1.00	ø 1.00	1.591
DC-9	KM 6 + 310	17.720	17.912	19.55	18.00	3.00	3.66	16.00	1.00	ø 1.00	1.638
DC-10	KM 5 + 865	17.572	17.703	19.40	18.00	3.00	3.66	16.00	1.30	ø 1.00	1.697

ALL DIMENSIONS ARE GIVEN IN METERS.
GRAVITY RETAINING WALL SHOULD BE REDESIGNED BY STABILITY ANALYSIS.

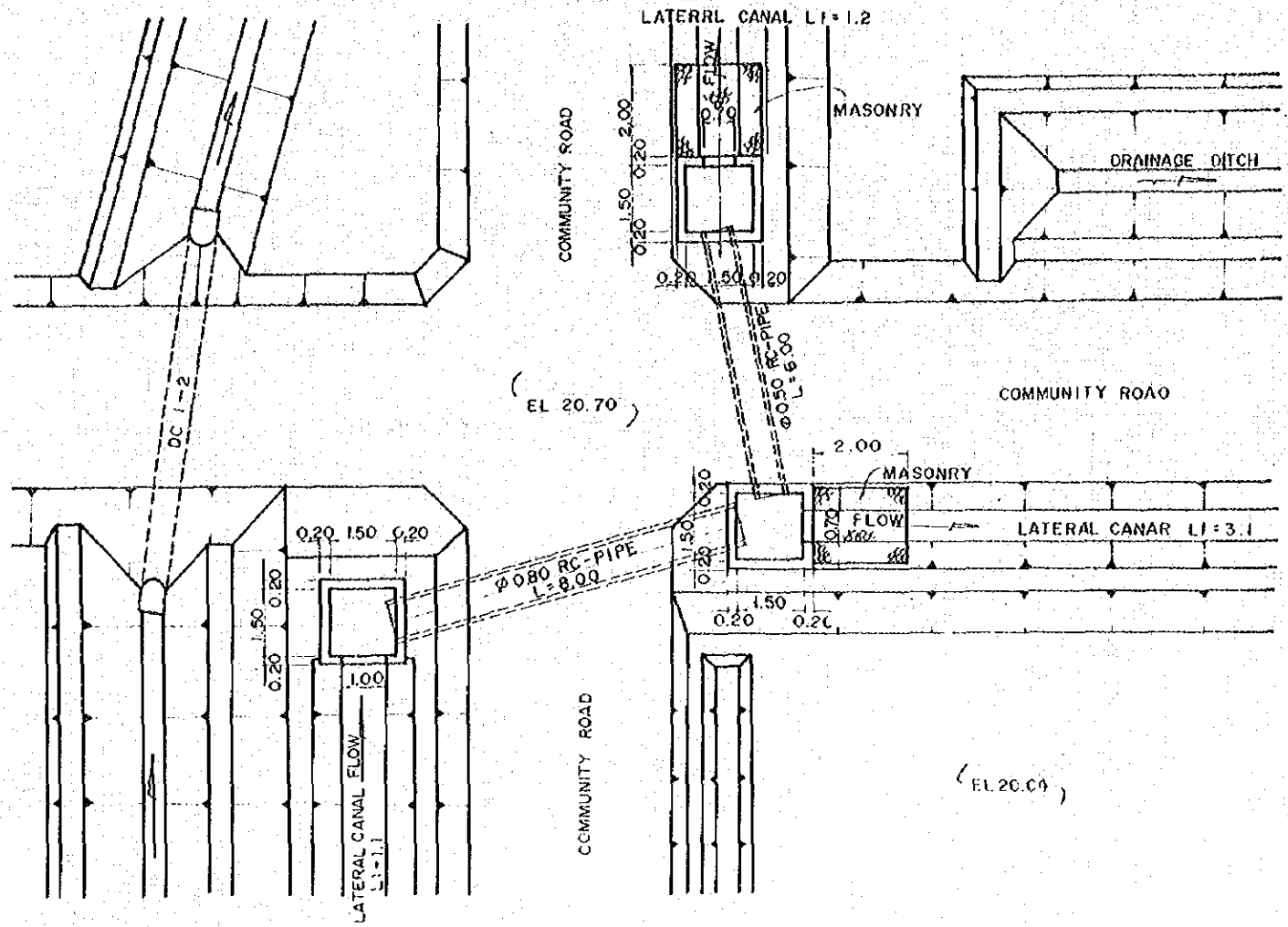


**MAE KLONG NO.1 PILOT PROJECT
IADAP IN THAILAND**

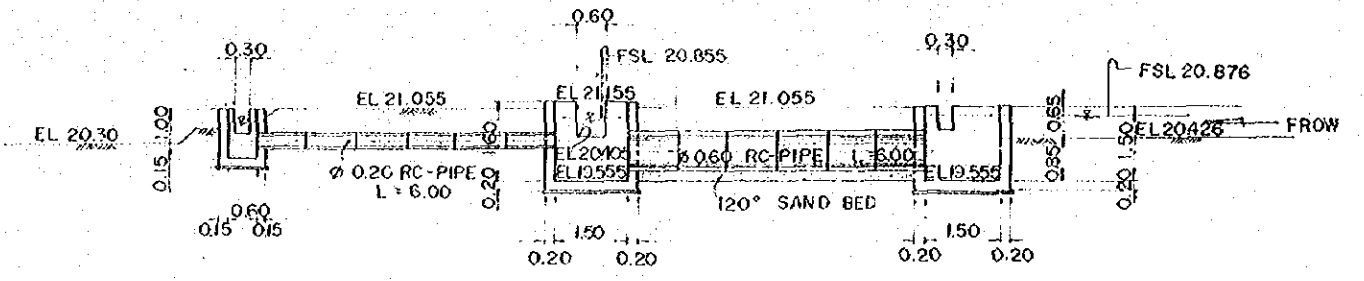
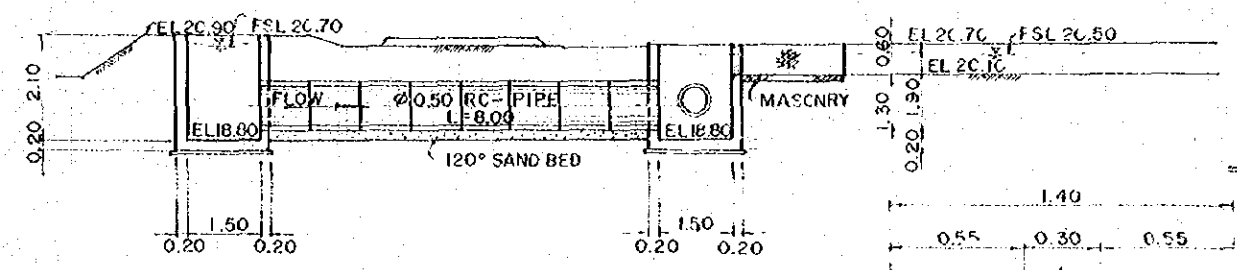
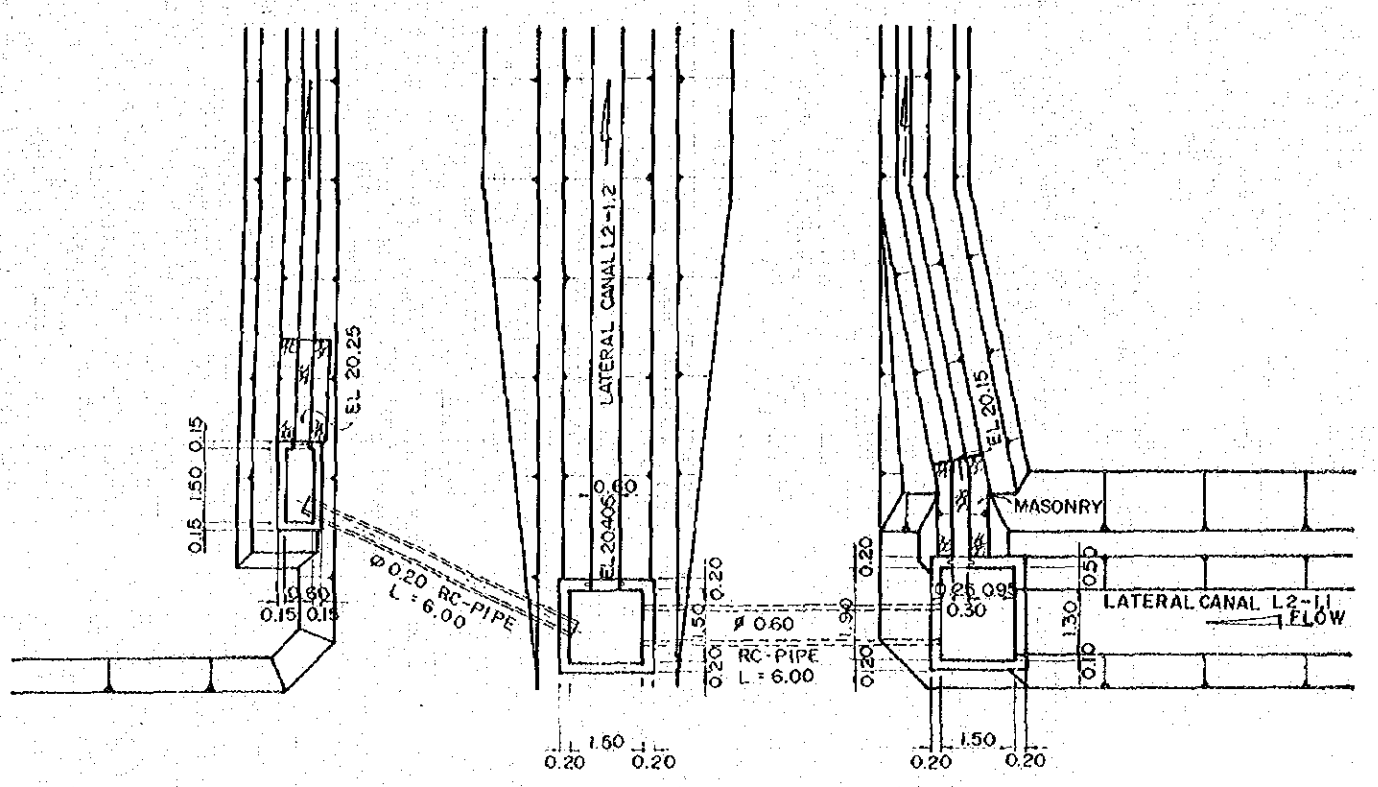
DRAINAGE CULVERT

DATE	DEC. 1977	D.W.G	M1-10
JAPAN INTERNATIONAL COPELATION AGENCY			

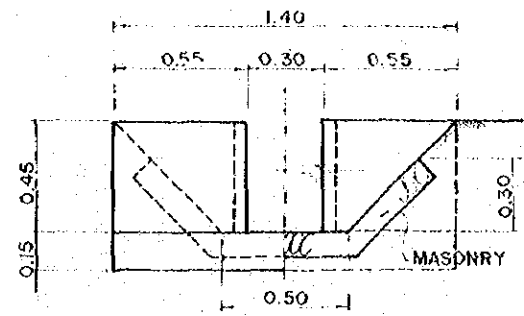
DIVERSION BOX-1



DIVERSION BOX-2

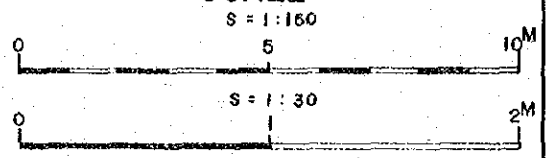


TURNOUT

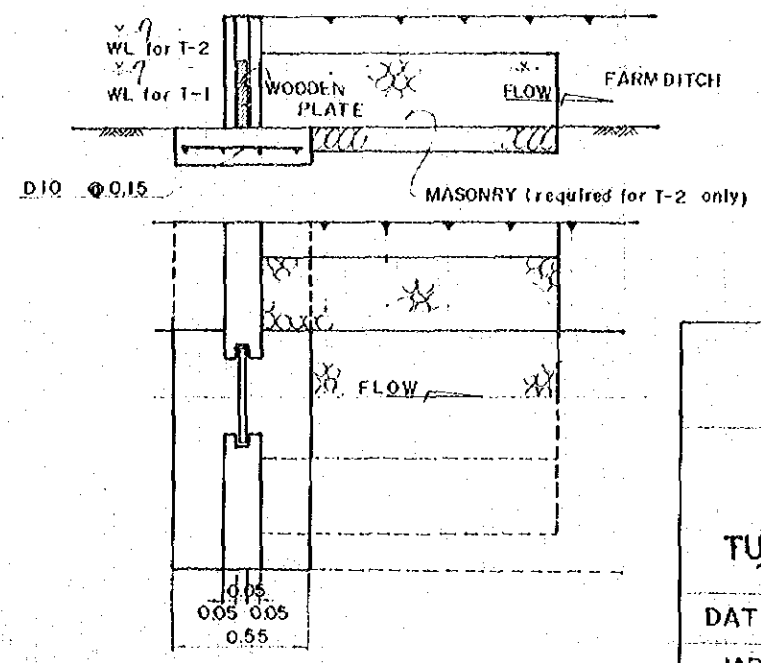
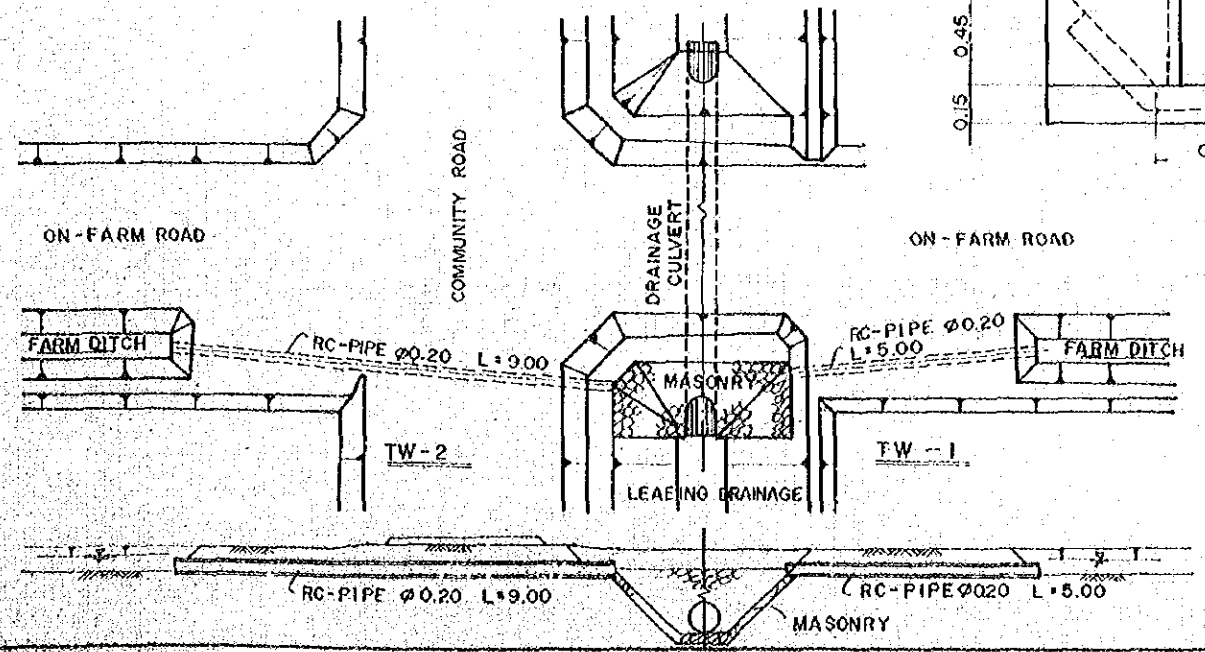


ALL DIMENSIONS ARE GIVEN IN METERS

SCALE



TAIL WASTE

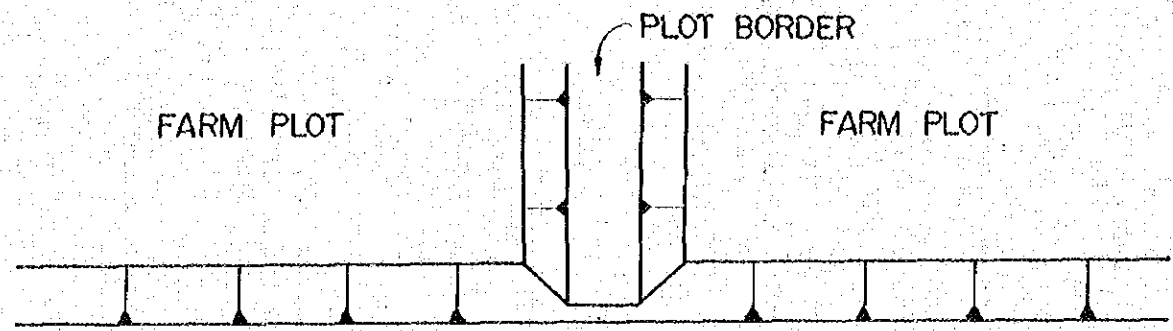


MAE KLONG NO.1 PILOT PROJECT
IADAP IN THAILAND

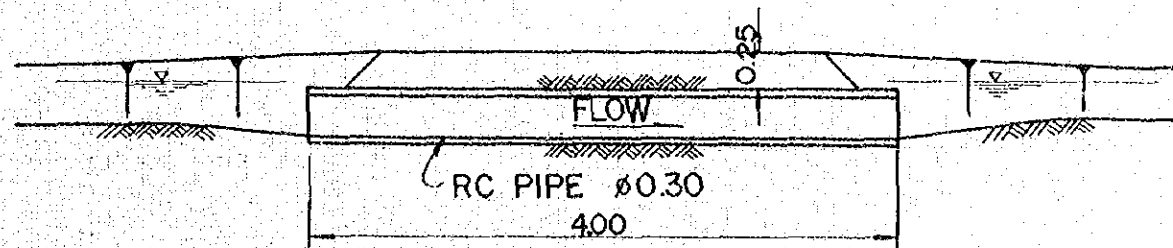
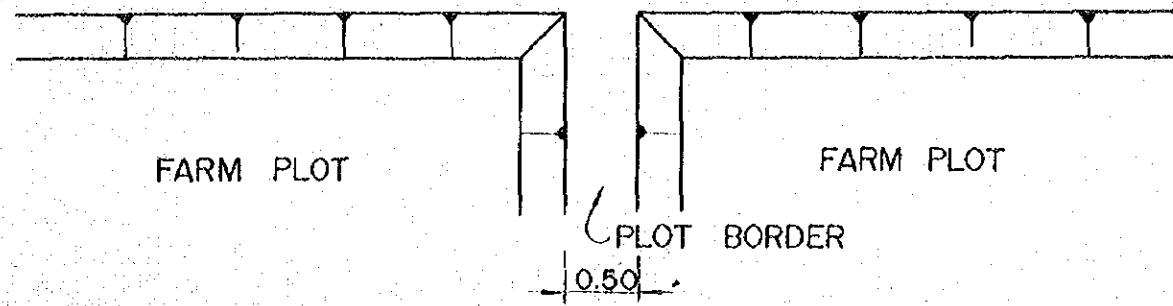
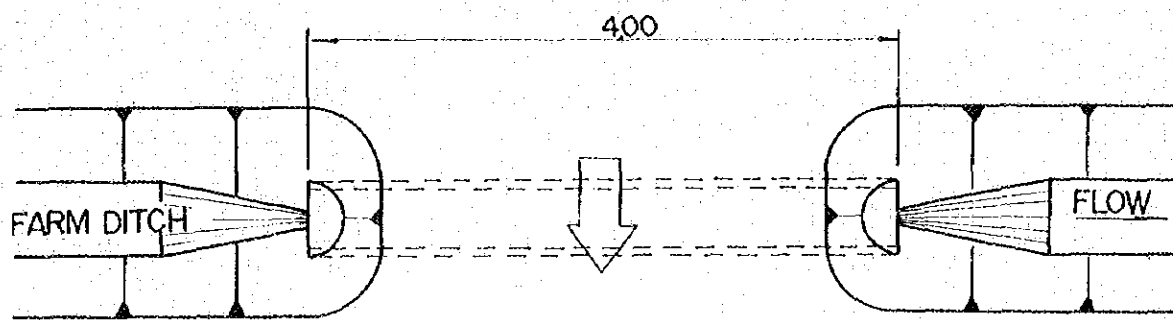
**DIVERSION BOX,
TURNOUT AND TAIL WASTE**

DATE	DEC. 1977	D.W.G	M1-11
JAPAN INTERNATIONAL COOPERATION AGENCY			

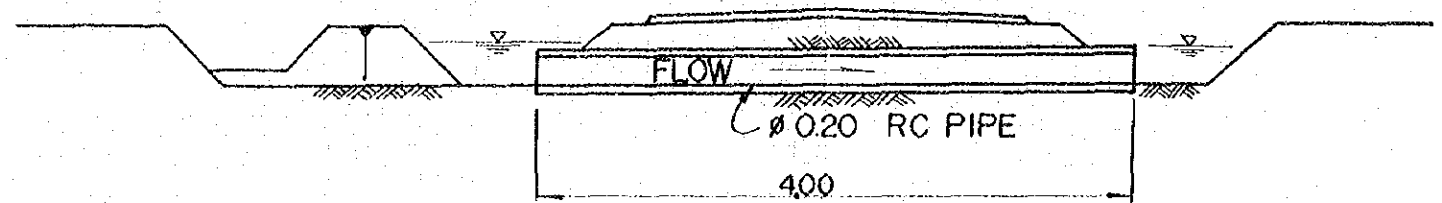
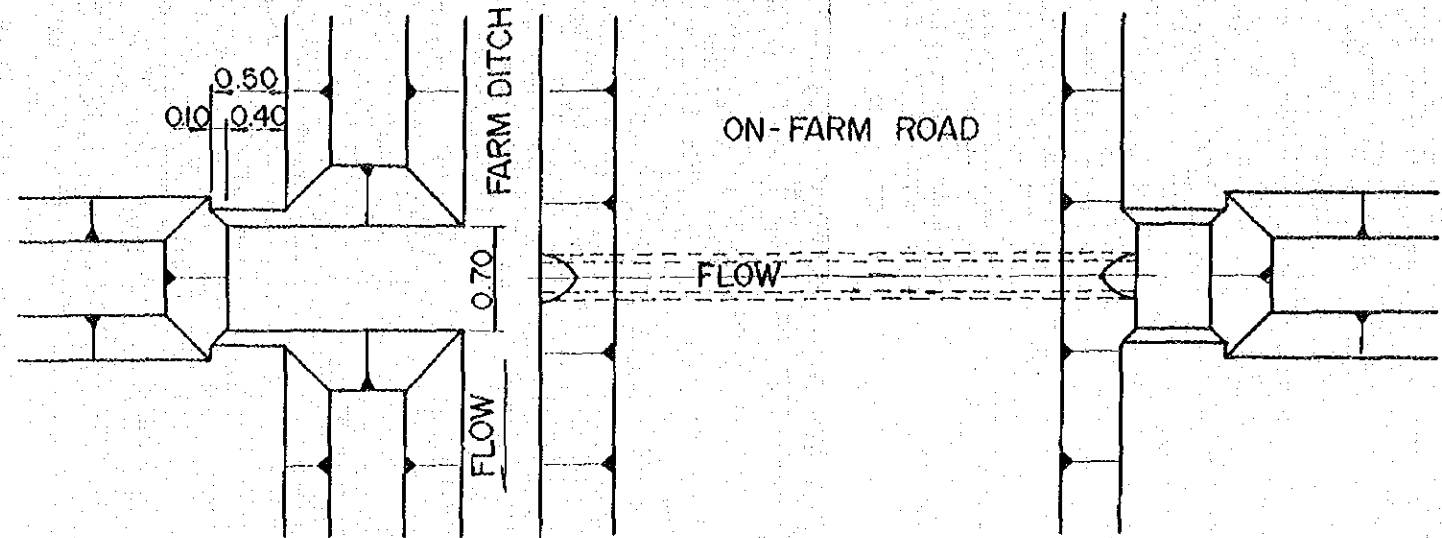
FARM INLET



ON-FARM ROAD



INLET



ALL DIMENSIONS ARE GIVEN IN METER.

SCALE

S = 1:50

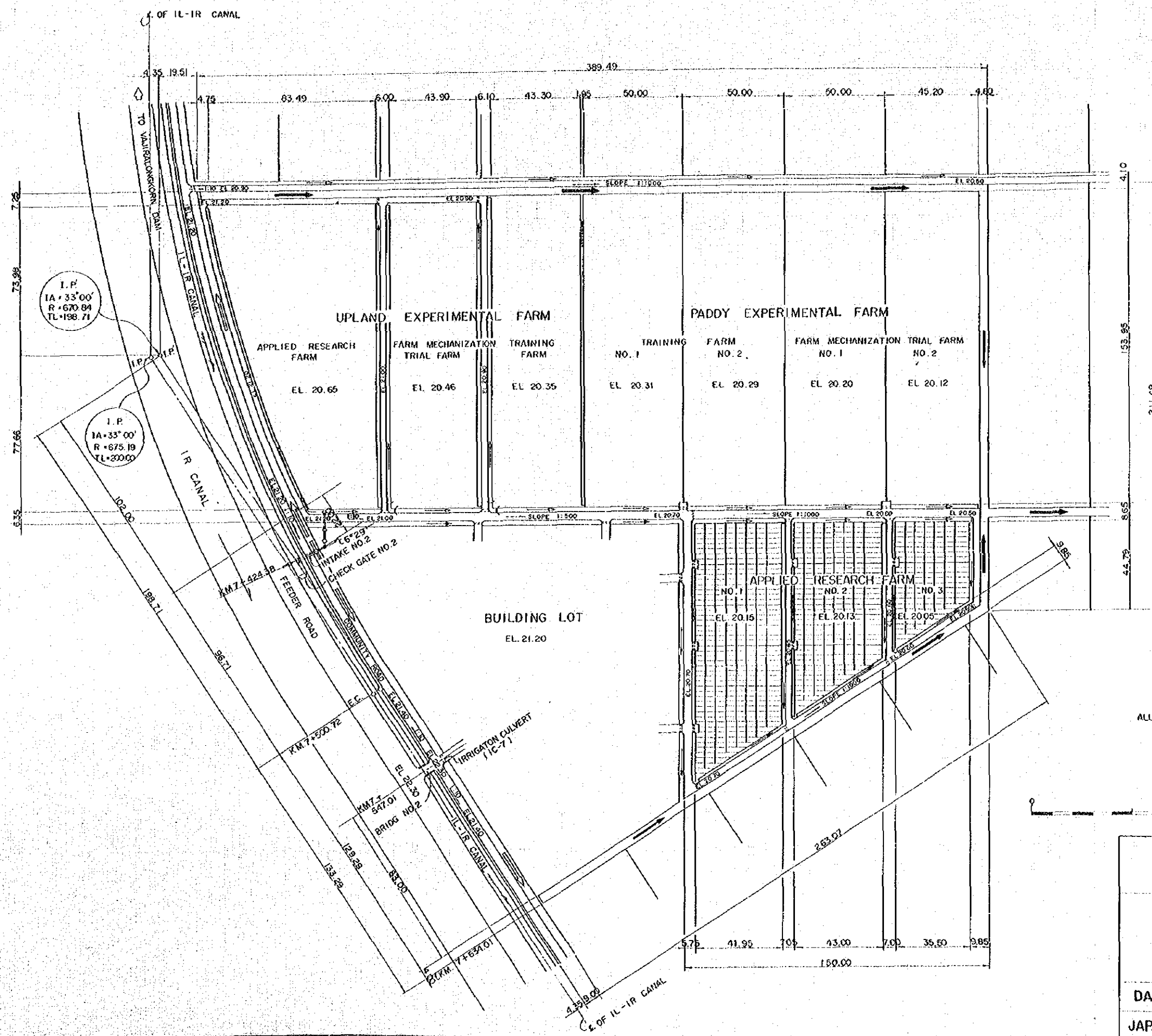


MAE KLONG NO.1 PILOT PROJECT
IADAP IN THAILAND

FARM INLET AND INLET

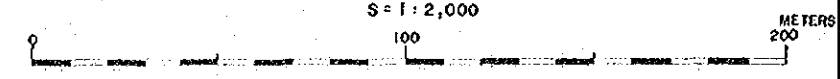
DATE DEC 1977 D.W.G M1-12

JAPAN INTERNATIONAL COOPERATION AGENCY



ALL DIMENSIONS ARE GIVEN IN METERS.

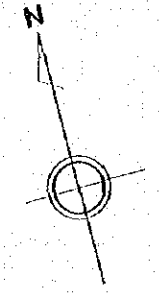
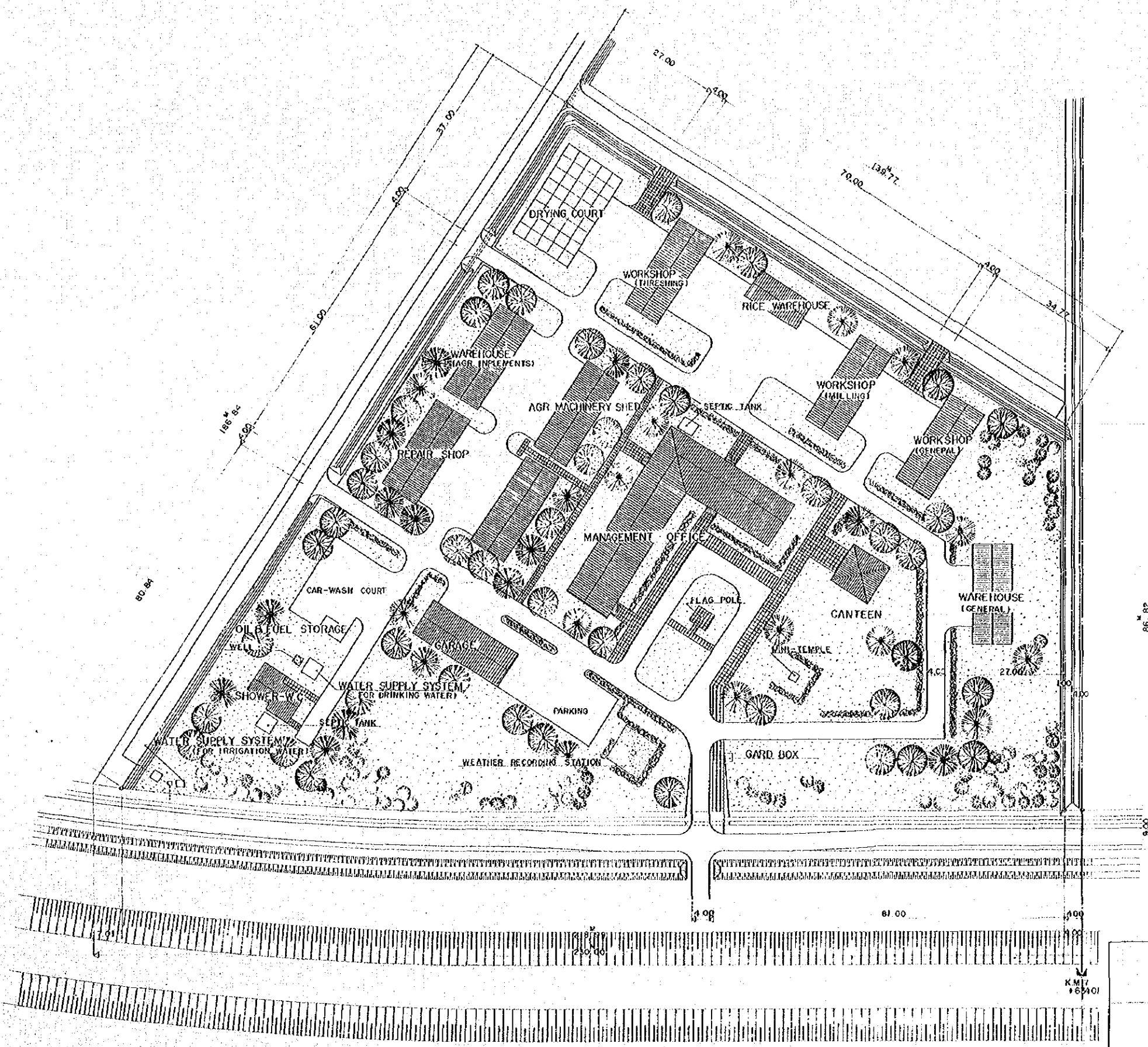
SCALE
S = 1 : 2,000



MAE KLONG NO. 1 PILOT PROJECT
IADAP IN THAILAND

PLAN OF TRIAL FARM

DATE	DEC 1977	D.W.G	M 1-13
JAPAN INTERNATIONAL COOPERATION AGENCY			



ALL DIMENSIONS ARE GIVEN IN METER.

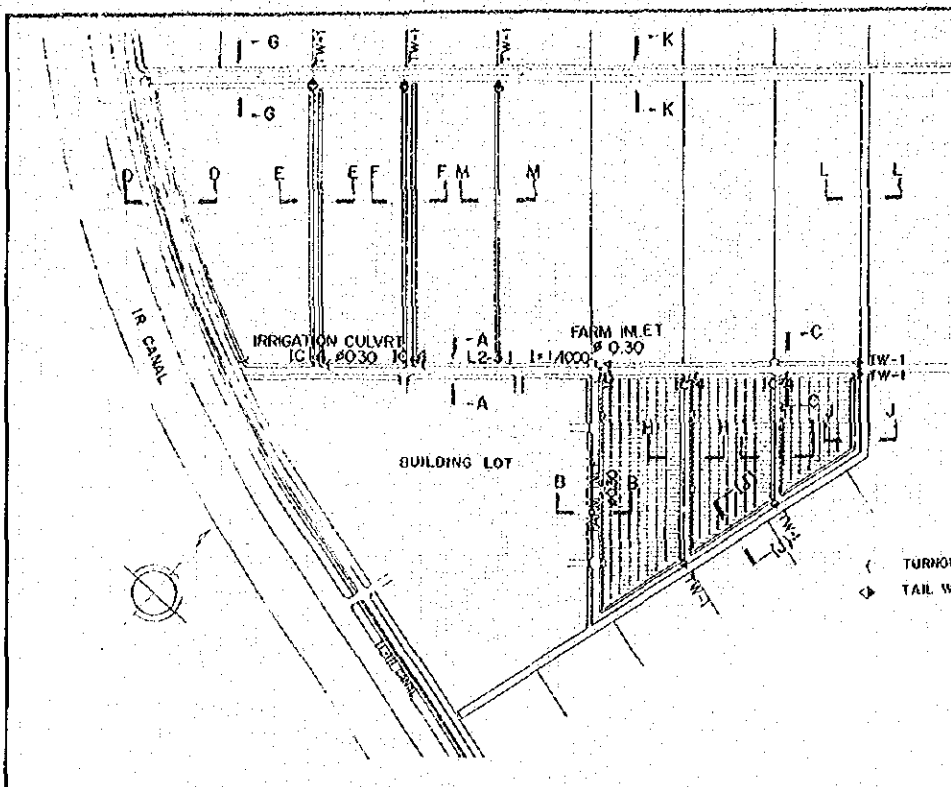
SCALE • 1 : 1,000



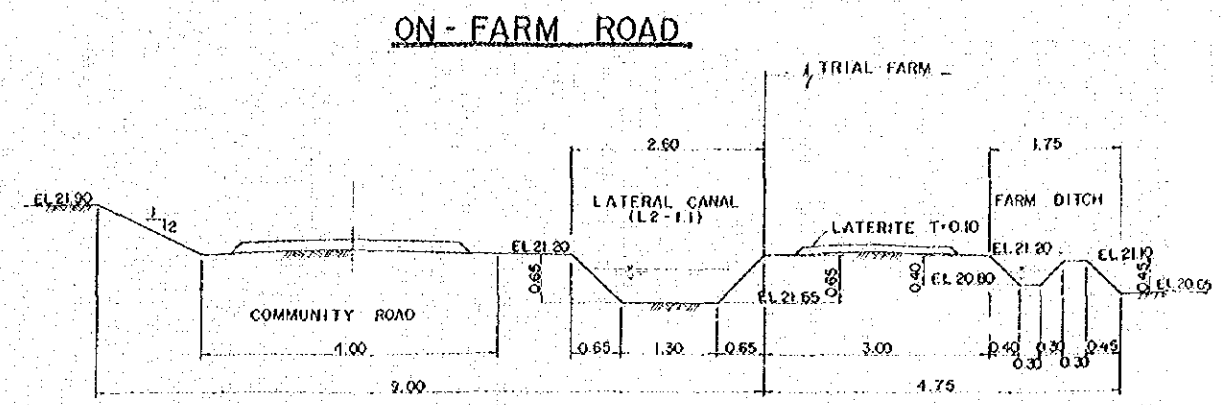
MAE KLONG NO.1 PILOT PROJECT
IADAP IN THAILAND

PLAN
OF
BUILDING LOT

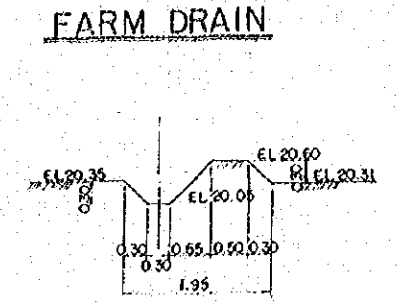
DATE	DEC 1977	D.W.G	M 1-14
JAPAN INTERNATIONAL COOPERATION AGENCY			



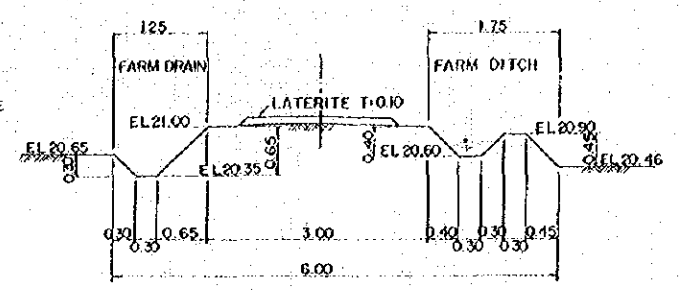
**PLAN
COMMUNITY ROAD**



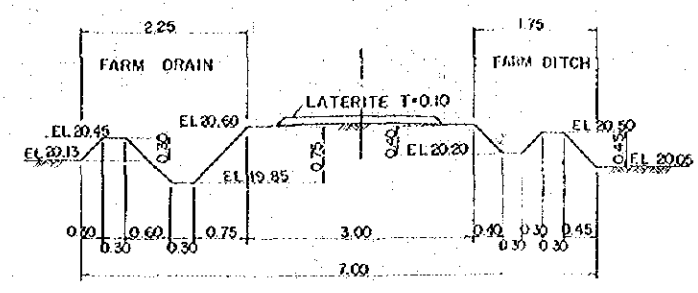
SECTION D-D



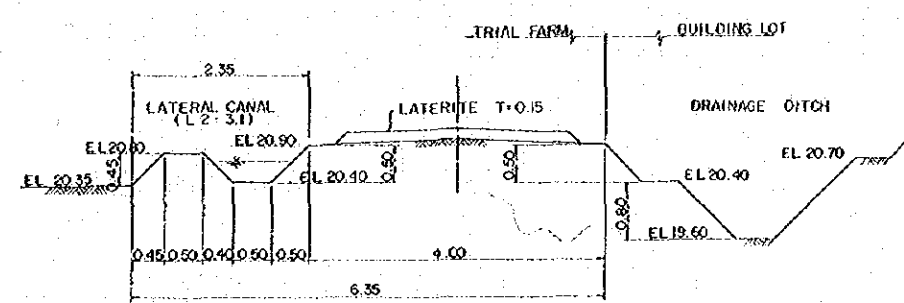
SECTION M-M



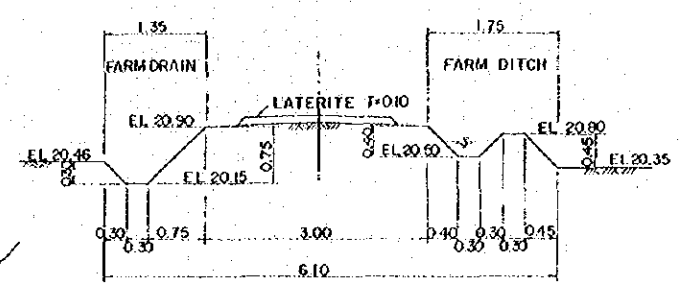
SECTION E-E



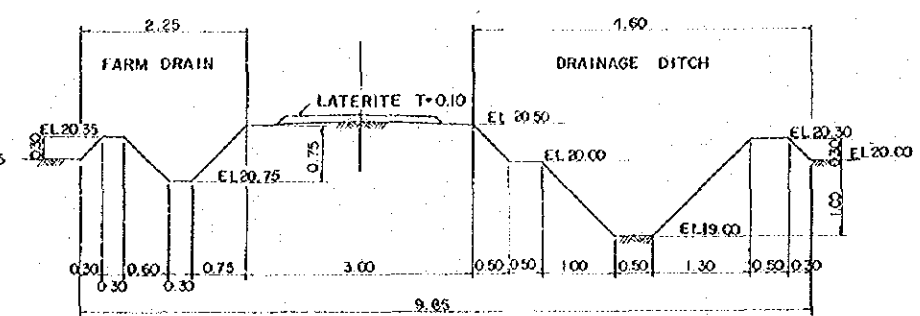
SECTION I-I



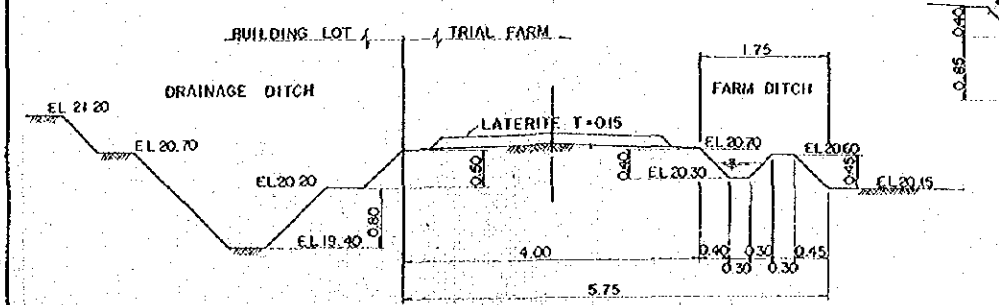
SECTION A-A



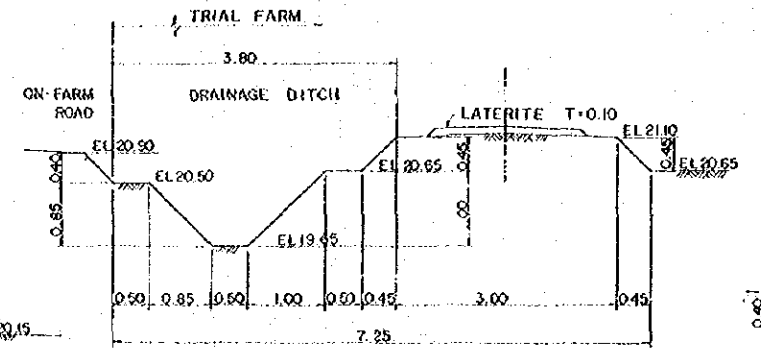
SECTION F-F



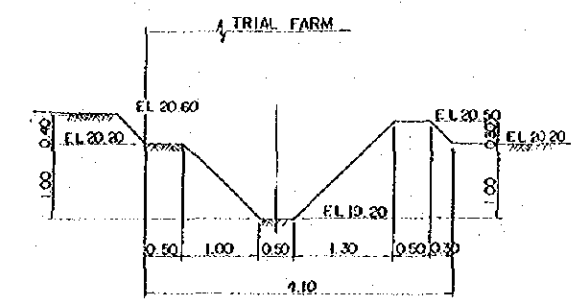
SECTION J-J



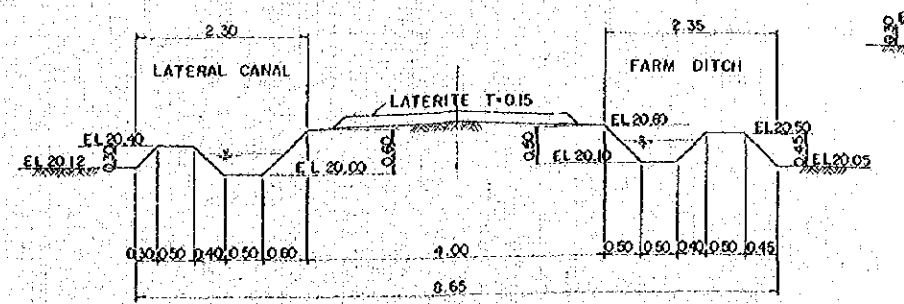
SECTION B-B



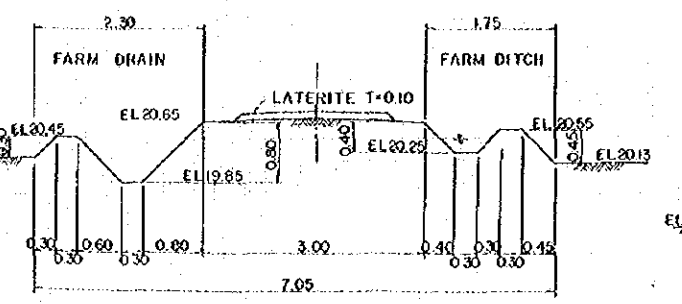
SECTION G-G



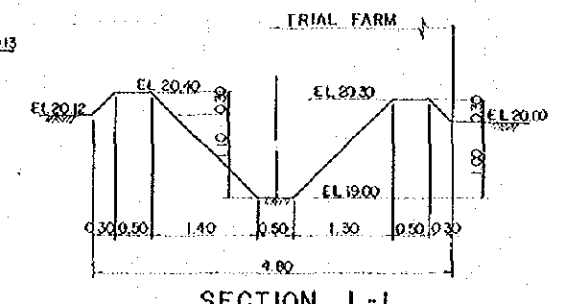
SECTION K-K



SECTION C-C



SECTION H-H



SECTION L-L

ALL DIMENSIONS ARE GIVEN IN METERS

SCALE
S = 100

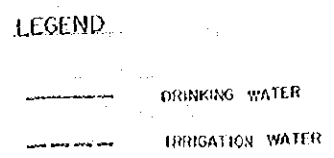
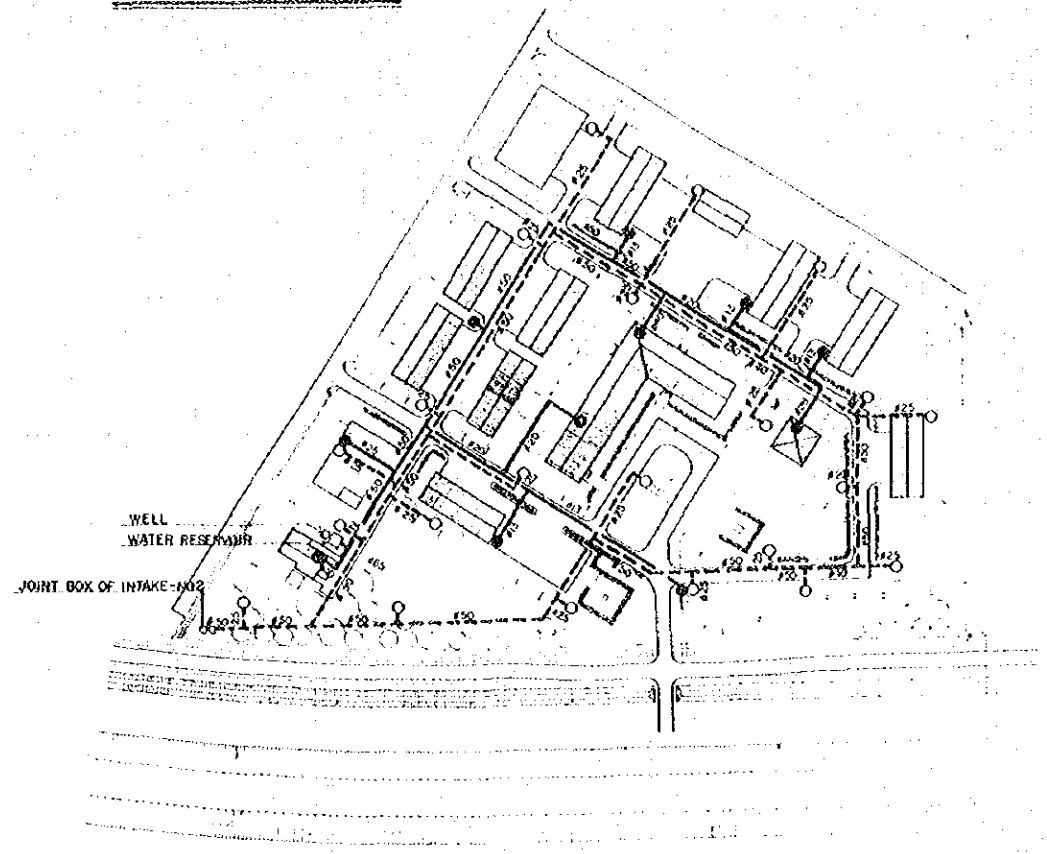


MAE KLONG NO.1 PILOT PROJECT
IADAP IN THAILAND

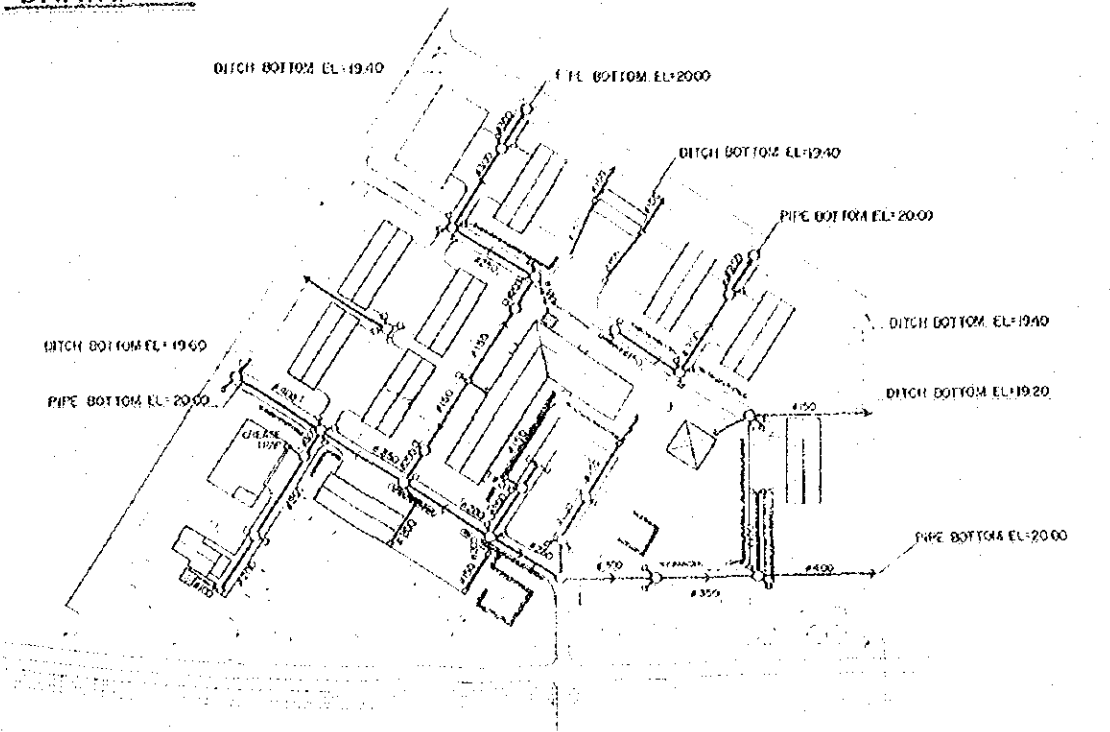
ROAD AND CANAL

DATE	DEC 1977	D.W.G	M 1-15
JAPAN INTERNATIONAL COOPERATION AGENCY			

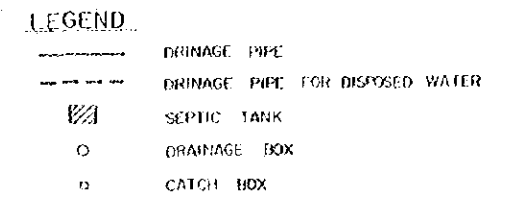
WATER SUPPLY



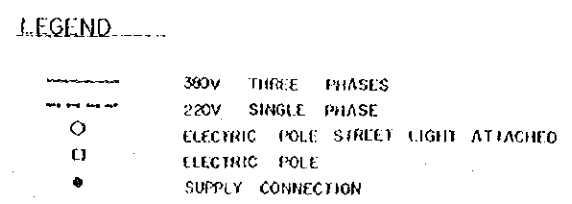
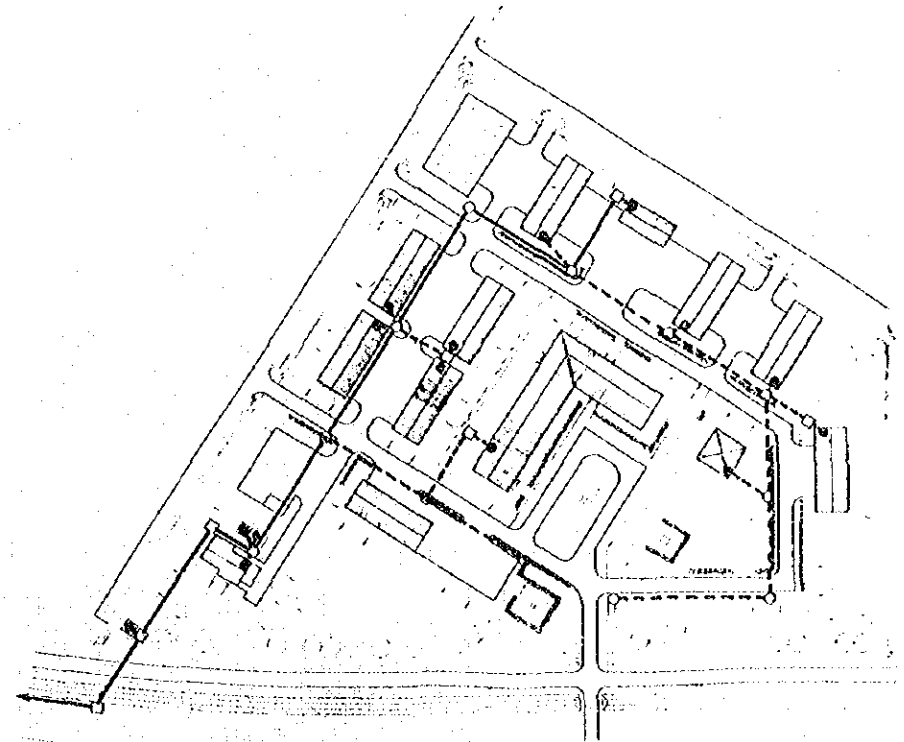
DRAINAGE



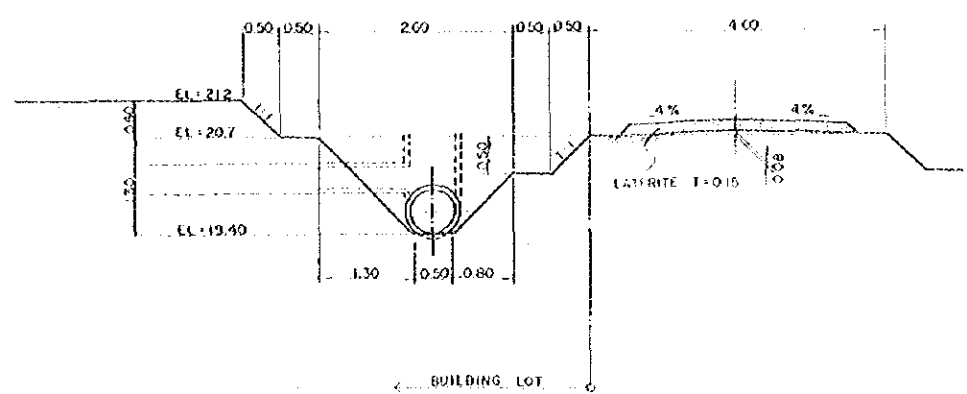
REMARK
THE HIGHEST LEVEL OF PIPE BOTTOM IS TO BE OF -0.50G L (EL. +2120)



ELECTRICITY



DRAINAGE DITCH



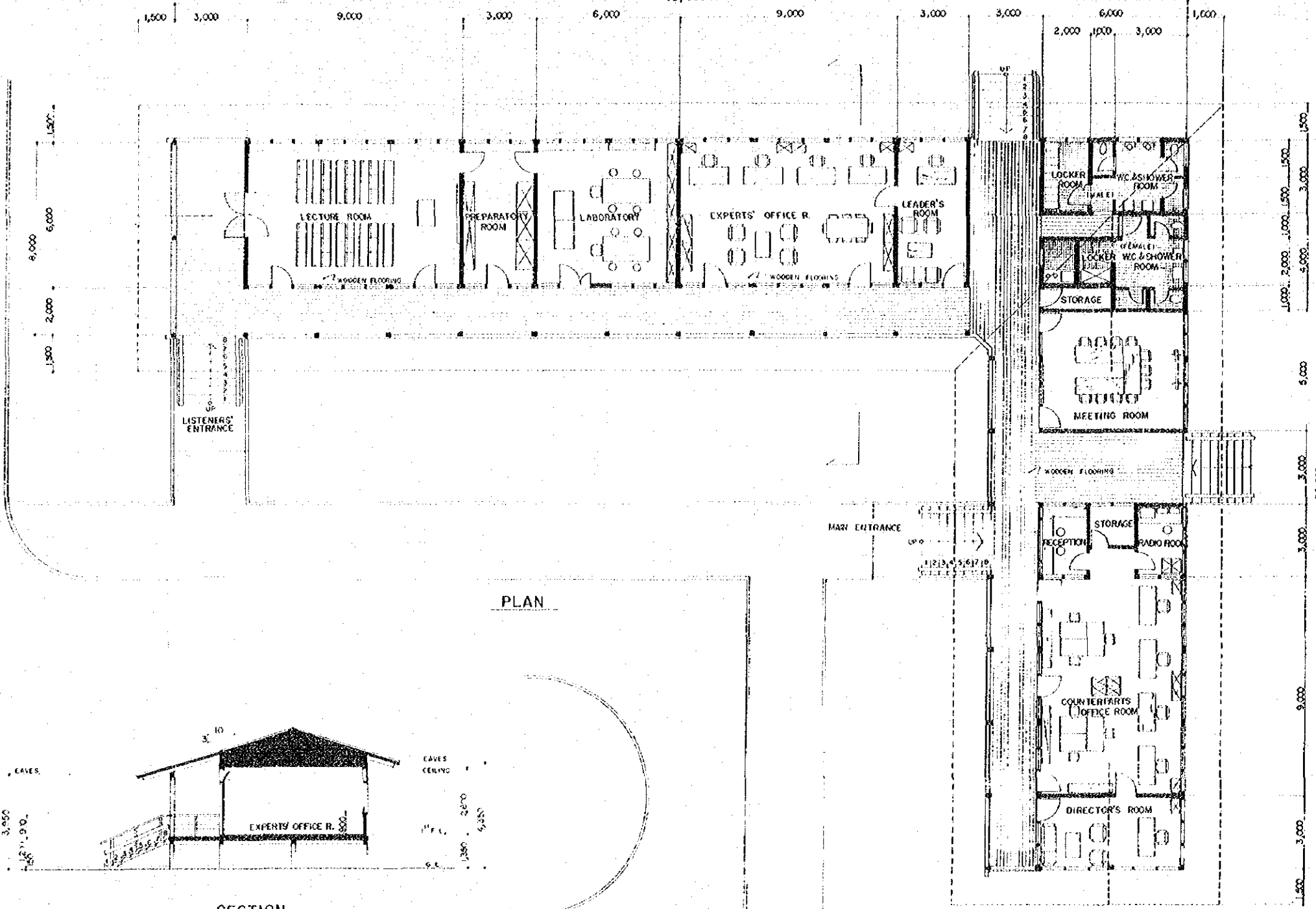
MAE KLONG NO. PILOT PROJECT
IADAP IN THAILAND

WATER SUPPLY, SEWAGE DISPOSAL
AND POWER SUPPLY

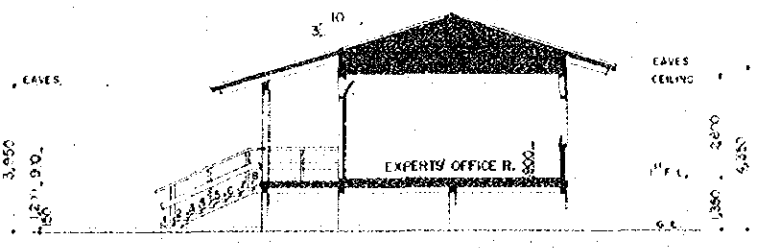
DATE | DEC 1977 | D.W.G | M 1-16

JAPAN INTERNATIONAL COOPERATION AGENCY

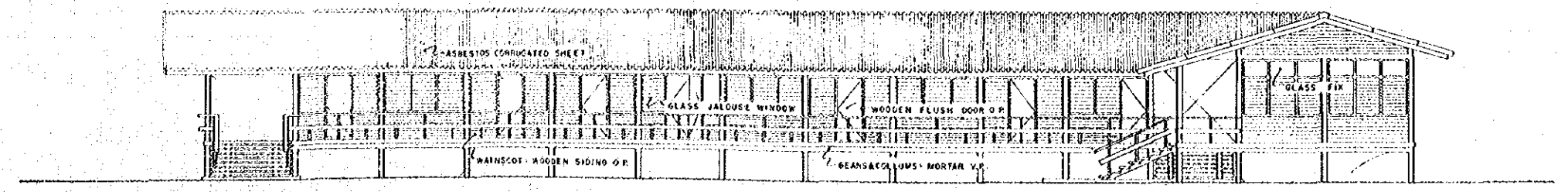
MANAGEMENT OFFICE



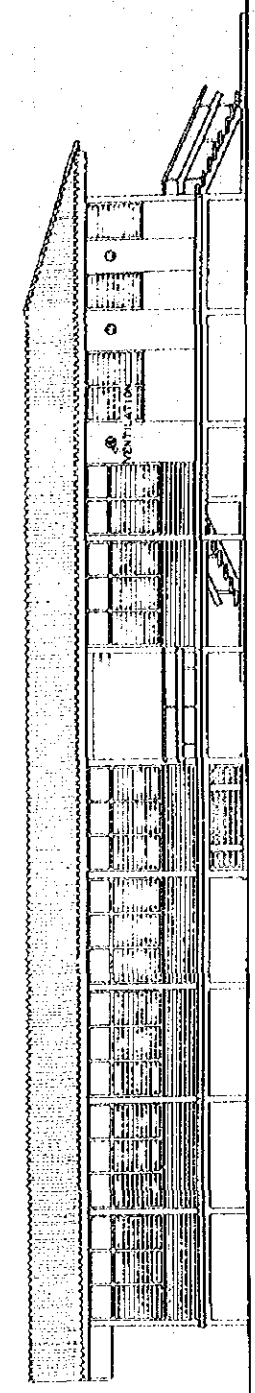
PLAN



SECTION



SOUTH ELEVATION



EAST ELEVATION

ALL DIMENSIONS ARE GIVEN IN MILLIMETERS.

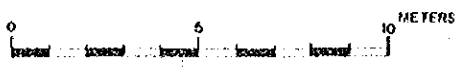
MAE KLONG NO.1 PILOT PROJECT
IADAP IN THAILAND

MANAGEMENT OFFICE

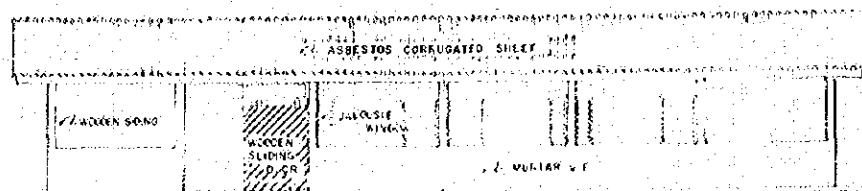
DATE	DEC. 1977	D.W.G	MI-17
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JAPAN INTERNATIONAL COOPERATION AGENCY

SCALE
S = 1 : 200

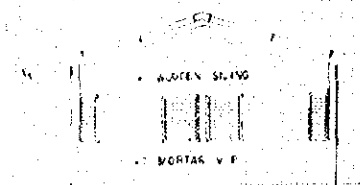


GENERAL WORKSHOP



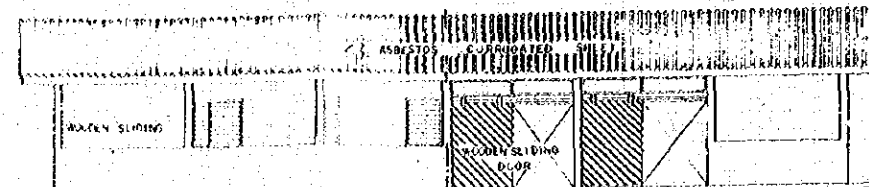
FRONT ELEVATION

BACK ELEVATION



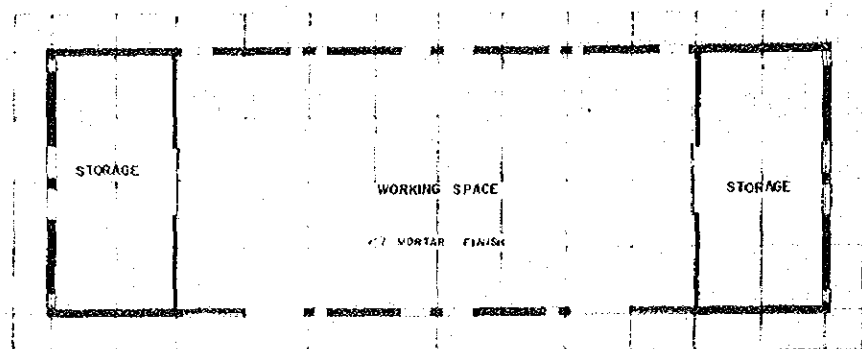
SIDE ELEVATION

WAREHOUSE (AGR. INSTRUMENTS)

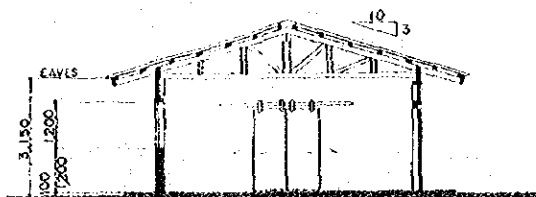


BACK ELEVATION

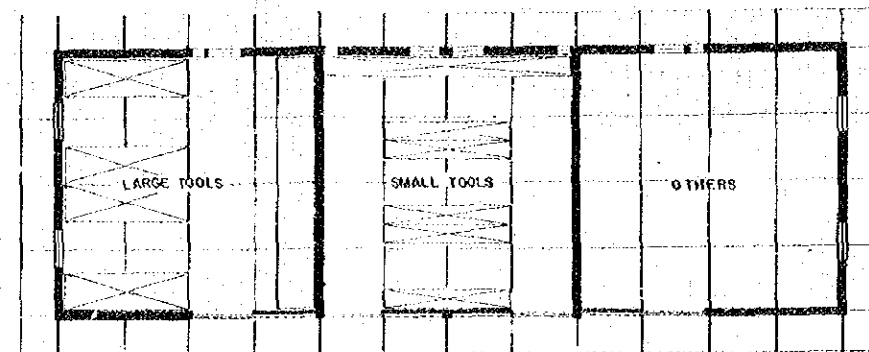
FRONT ELEVATION



PLAN

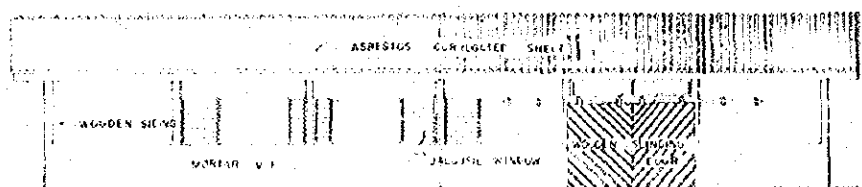


PLAN



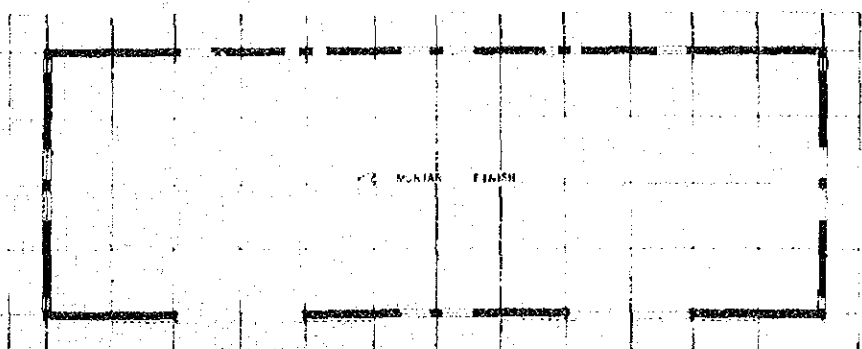
PLAN

GENERAL WAREHOUSE



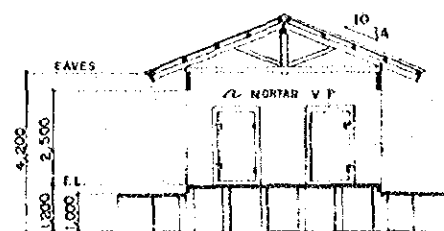
BACK ELEVATION

FRONT ELEVATION

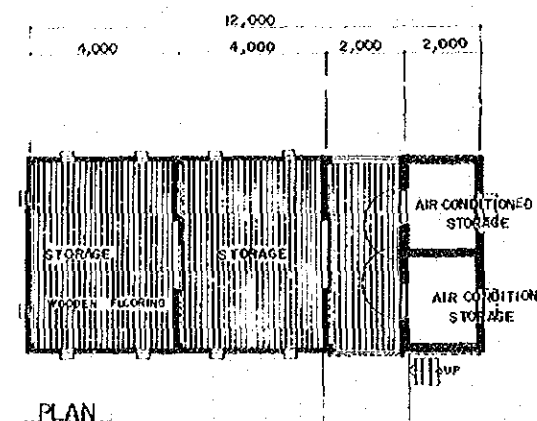


PLAN

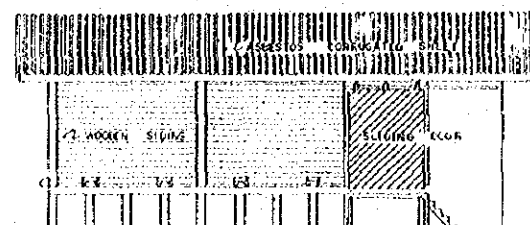
RICE WARE HOUSE



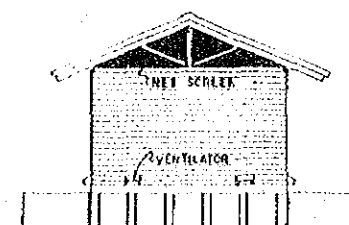
SECTION



PLAN



FRONT ELEVATION



SIDE ELEVATION

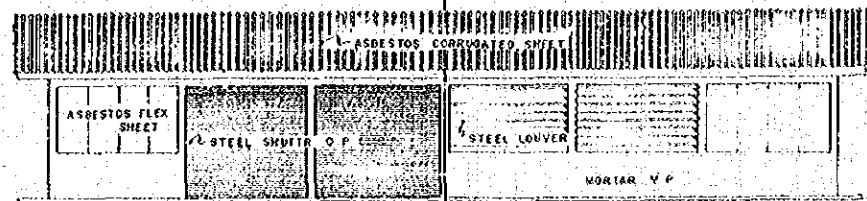
MAE KLONG NO.1 PILOT PROJECT
IADAP IN THAILAND

GENERAL WORKSHOP
AND WAREHOUSES

DATE DEC. 1977 D.W.G MI-18

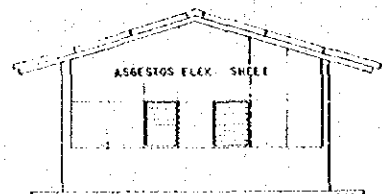
JAPAN INTERNATIONAL COOPERATION AGENCY

REPAIRSHOP

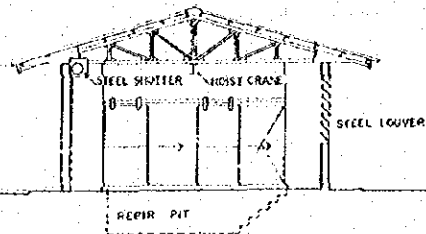


FRONT ELEVATION

BACK ELEVATION

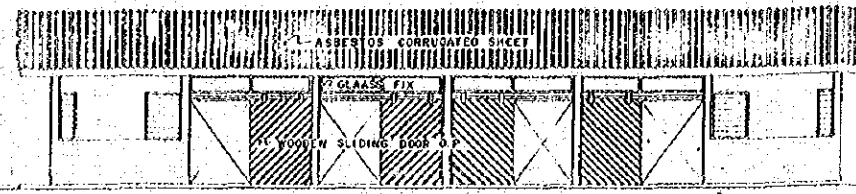


SIDE ELEVATION



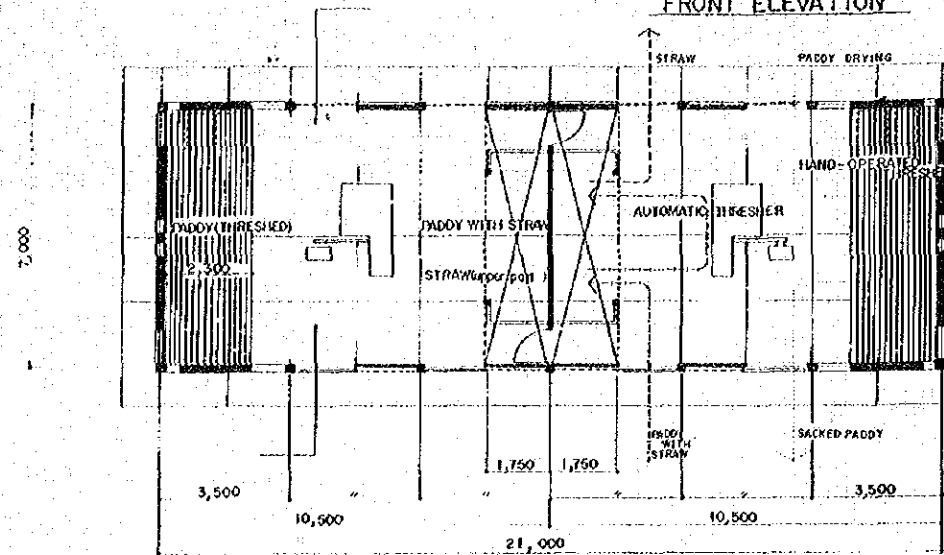
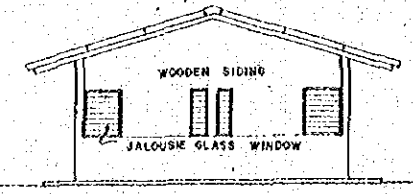
SECTION

WORKSHOP (THRESHING HOUSE)

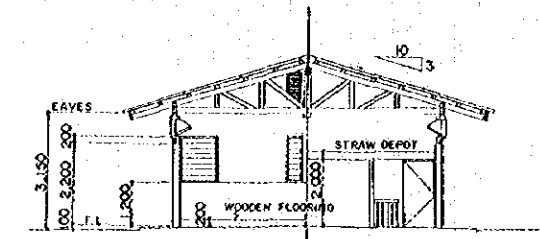


FRONT ELEVATION

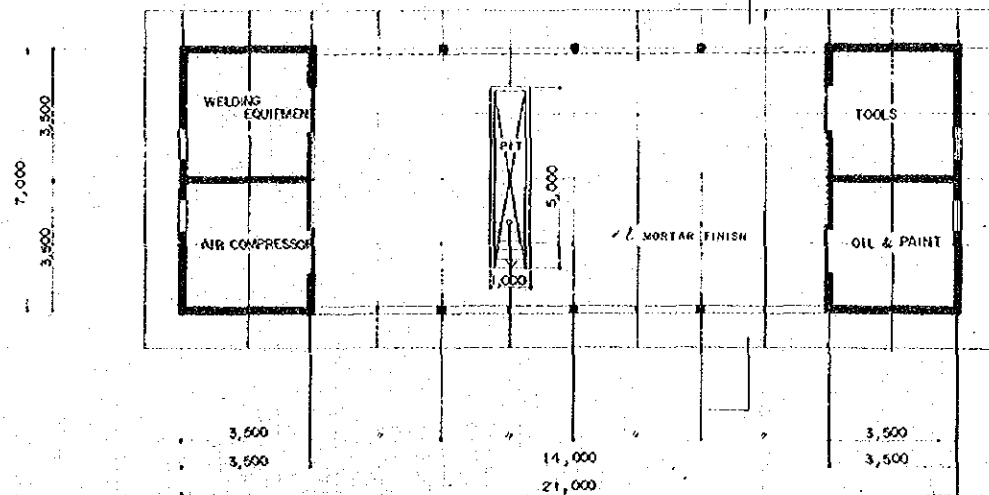
SIDE ELEVATION



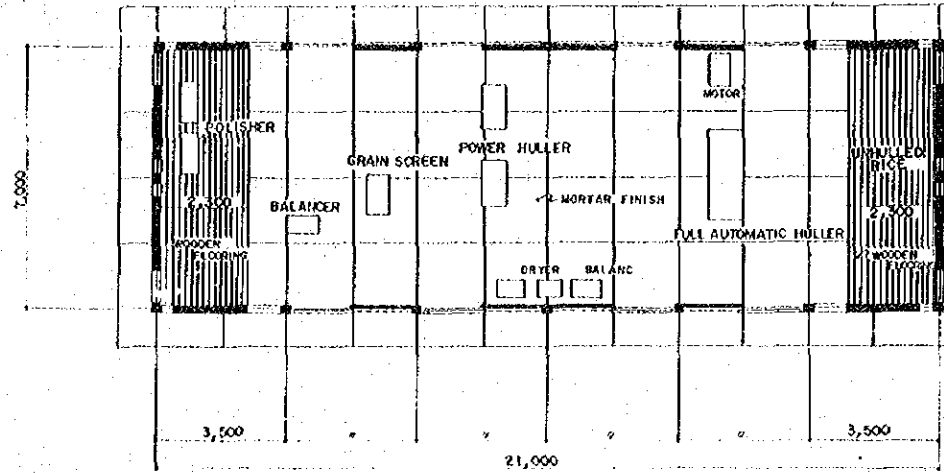
SECTION



WORKSHOP (RICE MILL)



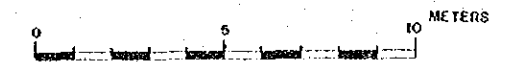
PLAN



PLAN

ALL DIMENSIONS ARE GIVEN IN MILLIMETERS

SCALE
S = 1:200



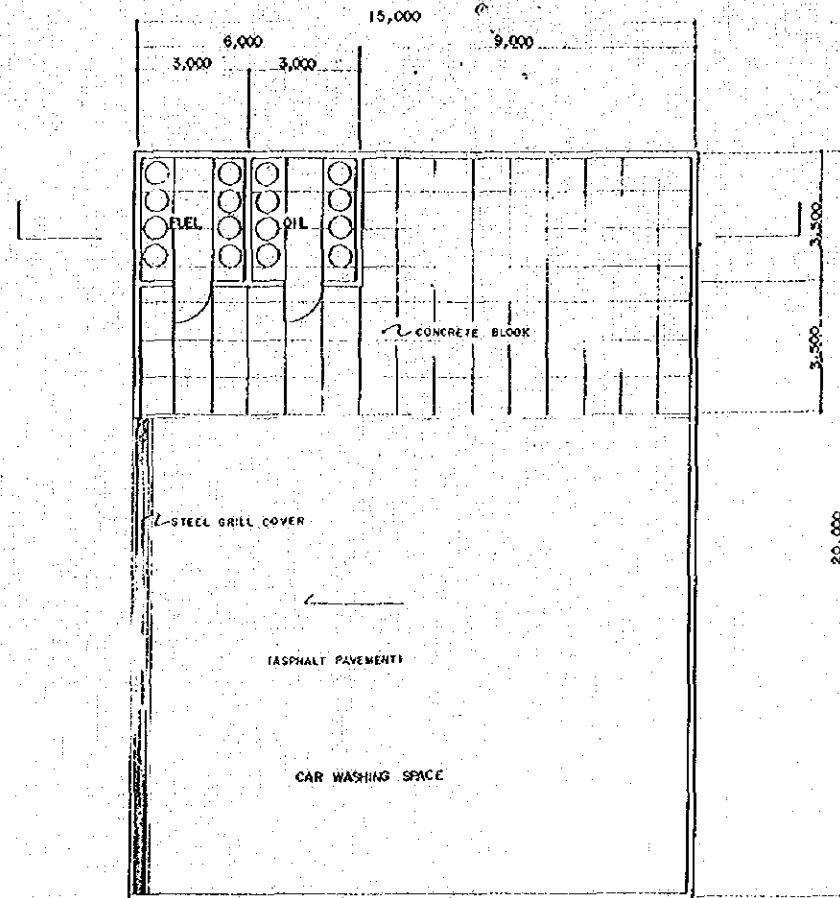
MAE KLONG NO.1 PILOT PROJECT
IADAP IN THAILAND

REPAIRSHOP,
WORKSHOPS

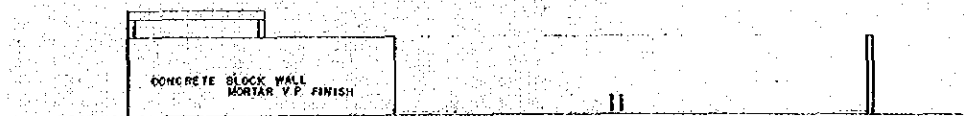
DATE DEC. 1977 D.W.G M1-19

JAPAN INTERNATIONAL COOPERATION AGENCY

OIL & FUEL STORAGE



PLAN

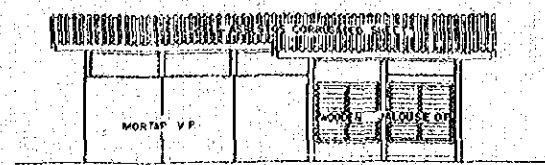


FRONT ELEVATION

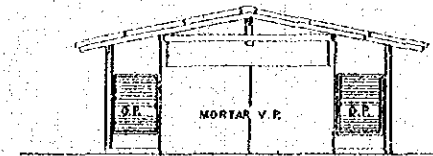


SECTION

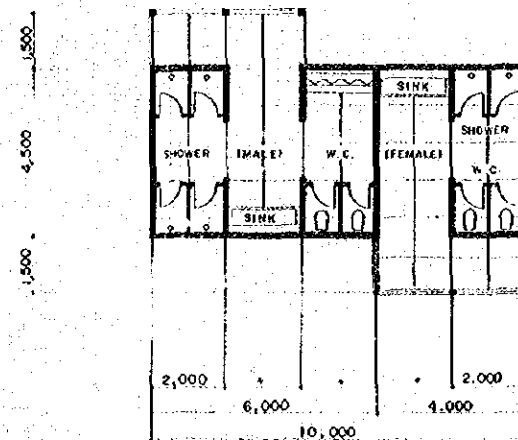
SHOWER-W.C.



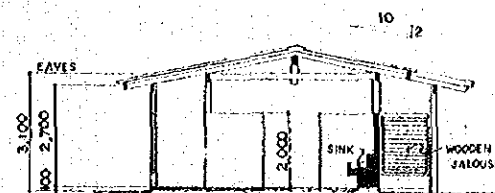
SIDE ELEVATION



FRONT ELEVATION

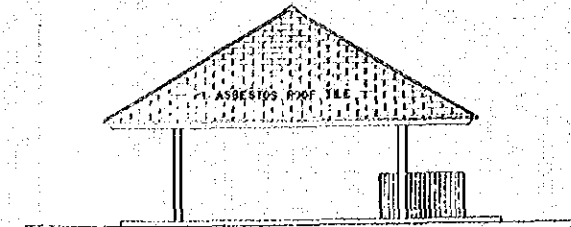


PLAN

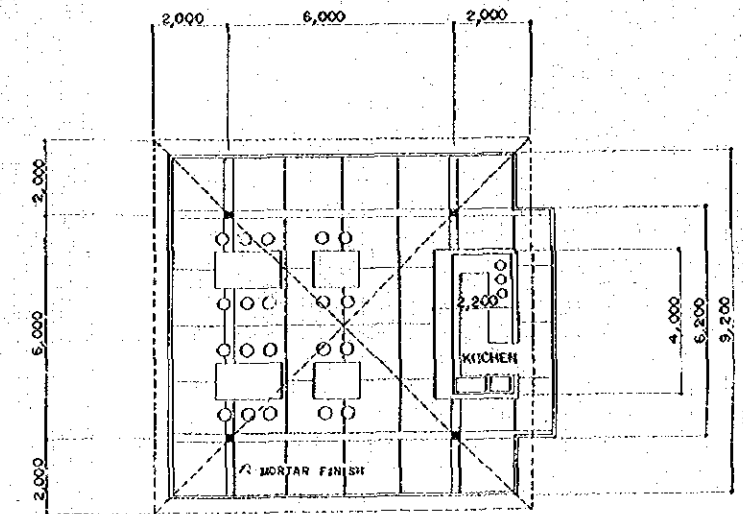


SECTION

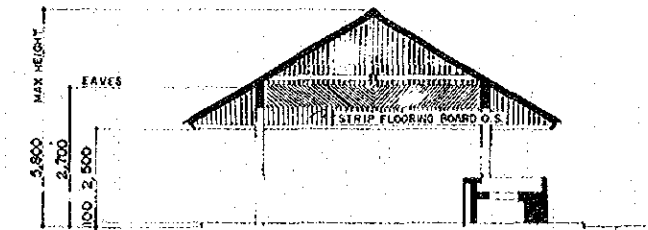
CANTEEN



ELEVATION



PLAN



SECTION

ALL DIMENSIONS ARE GIVEN IN MILLIMETERS.

SCALE S=1:200



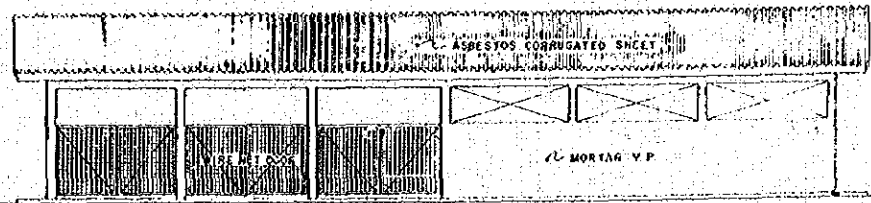
MAE KLONG NO.1 PILOT PROJECT
IADAP IN THAILAND

OIL & FUEL STORAGE,
SHOWER - W.C.
AND CANTEEN

DATE	DEC. 1977	D.W.G	MI - 20
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JAPAN INTERNATIONAL COOPERATION AGENCY

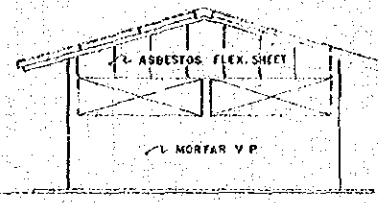
AGR. MACHINERY SHED



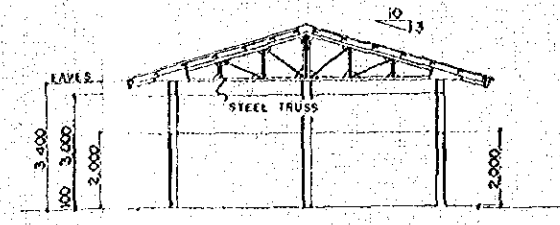
FRONT ELEVATION

BACK ELEVATION

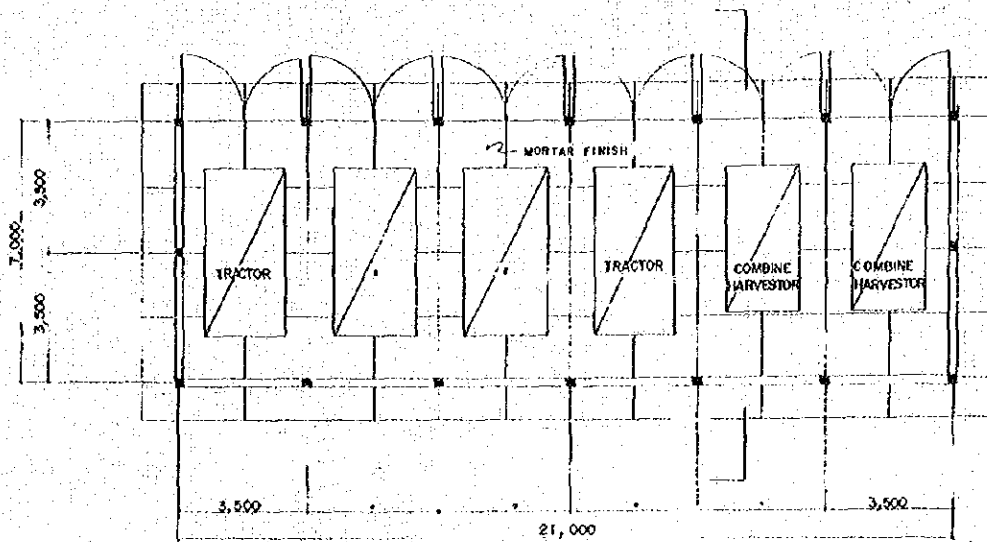
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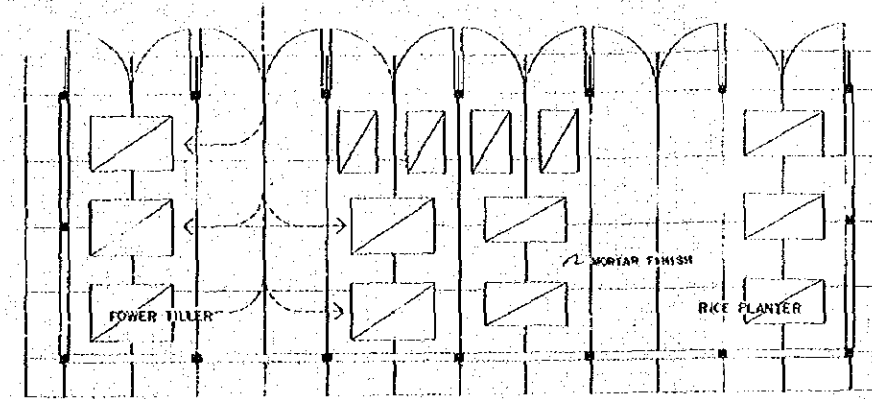
SIDE ELEVATION



SECTION



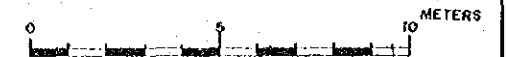
PLAN



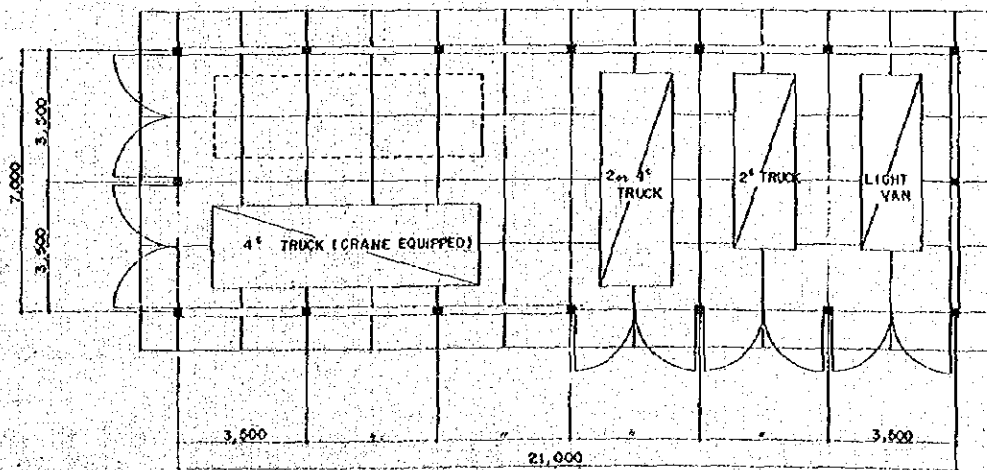
PLAN

ALL DIMENSIONS ARE GIVEN IN MILLIMETERS.

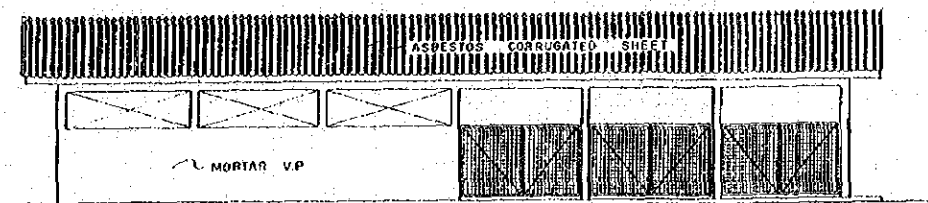
SCALE
S=1:200



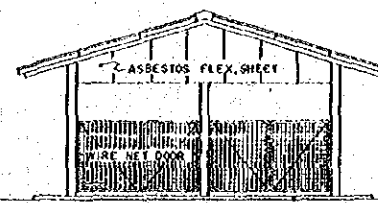
GARAGE



PLAN



FRONT ELEVATION



SIDE ELEVATION

MAE KLONG NO.1 PILOT PROJECT
IADAP IN THAILAND

AGR. MACHINERY SHED
AND GARAGE

DATE	DEC 1977	D.W.G	M 1-21
JAPAN INTERNATIONAL COOPERATION AGENCY			

NAME OF BUILDING	ROOM	FLOOR	BASEBOARD	WALL	CEILING	FITTING	EQUIPEMENTS
MANAGEMENT OFFICE	OFFICE R.	HARD WOOD FLOORING	HARD WOOD O.P.	PLASTER V.P.	SOFT FIBER BOARD	GLASS JALOUSIE WINDOWS WOODEN FLUSH DOORS O.P.	
	EXPERTS' OFFICE R.	"	"	"	"	"	
	DIRECTOR'S R.	"	"	PLYWOOD PANELLING O.S.	FLOORING BOARD CLEAR LACQUERED	"	
	LEADER'S R.	"	"	"	"	"	
	MEETING R.	"	"	"	"	"	
	LABORATORY	PLASTIC TILE (ANTI-ACIDALKAL TYPE)	"	PLASTER V.P.	SOFT FIBER BOARD	"	
	PREPARATORY R.	"	"	"	"	"	
	LECTURE R.	HARD WOOD FLOORING	"	"	"	"	
	LAVATORY-SHOWER	TERRA 220 BLOCK	TERRA 220 BLOCK	GLAZED TILE	ASBESTOS FLEX BOARD O.P.	"	WHOLE SET OF SANITARY EQUIPMENT
LOCKER R.	"	"	PLASTER V.P.	"	"		
CORRIDOR TERRACE	HARD WOOD FLOORING	----	WOODEN SIDING O.P.	"	----		
RICE WAREHOUSE	NORMAL STORAGE	"	----	----	----	INSULATED DOOR	
	COLD STORAGE	" INSULATION BACKING	----	PLASTER V.P. INSULATION BACKING	PLASTER V.P. INSULATION BACKING	WOODEN SLIDING DOOR	INSTALLATION OF COOLING UNITS INCLUDED
WORKSHOP (THRESHING HOUSE)	----	MORTAR JOINTING (PARTIALLY W.FLOORING)	MORTAR V.P.	MORTAR V.P.	----	GLASS JALOUSIE WINDOWS GLASS FIX WINDOW WOODEN SLIDING DOOR	
" (RICE MILL)	----	"	"	"	----	"	
" (GENERAL)	WORKING SPACE	MORTAR JOINTING	"	"	----	"	
	STORAGE	"	MORTAR JOINTING	MORTAR JOINTING	----	"	
WAREHOUSE (AGR. INSTRUMENTS)	----	"	MORTAR JOINTING	"	----	"	
" (GENERAL)	----	"	"	"	----	"	
REPAIRSHOP	WORKING SPACE	"	"	MORTAR V.P.	----	STEEL SHUTTER	HOIST CRANE REPAIR PIT
	OTHER R.	"	"	"	----	JALOUSIE WINDOW STEEL FLUSH SLIDING D.	
AGR. MACHINERY SHED	----	"	"	"	----	WIRENET STEEL PIPE FRAMED DOOR	
GARAGE	----	"	"	"	----	"	
CANTEEN	----	"	----	----	FLOORING BOARD C.L.	----	
SHOWER-W. C.	----	"	MORTAR JOINTING	MORTAR V.P.	----	WOODEN FLUSH DOOR	WHOLE SET OF SANITARY EQUIPMENTS
OIL & FUEL STORAGE	----	"	"	----	----	STEEL FLUSH DOOR	

NOTE

LIGHTING & WIRING WORKS ARE INCLUDED
IN BUILDING WORK.

FURNITURES & FIXTURES ARE SHOWN IN
THE DRAWINGS BUT NOT INCLUDED IN BUILD-
ING WORK, UNLESS OTHERWISE
MENTIONED IN THE TABLE.

MAE KLONG NO.1 PILOT PROJECT
IADAP IN THAILAND

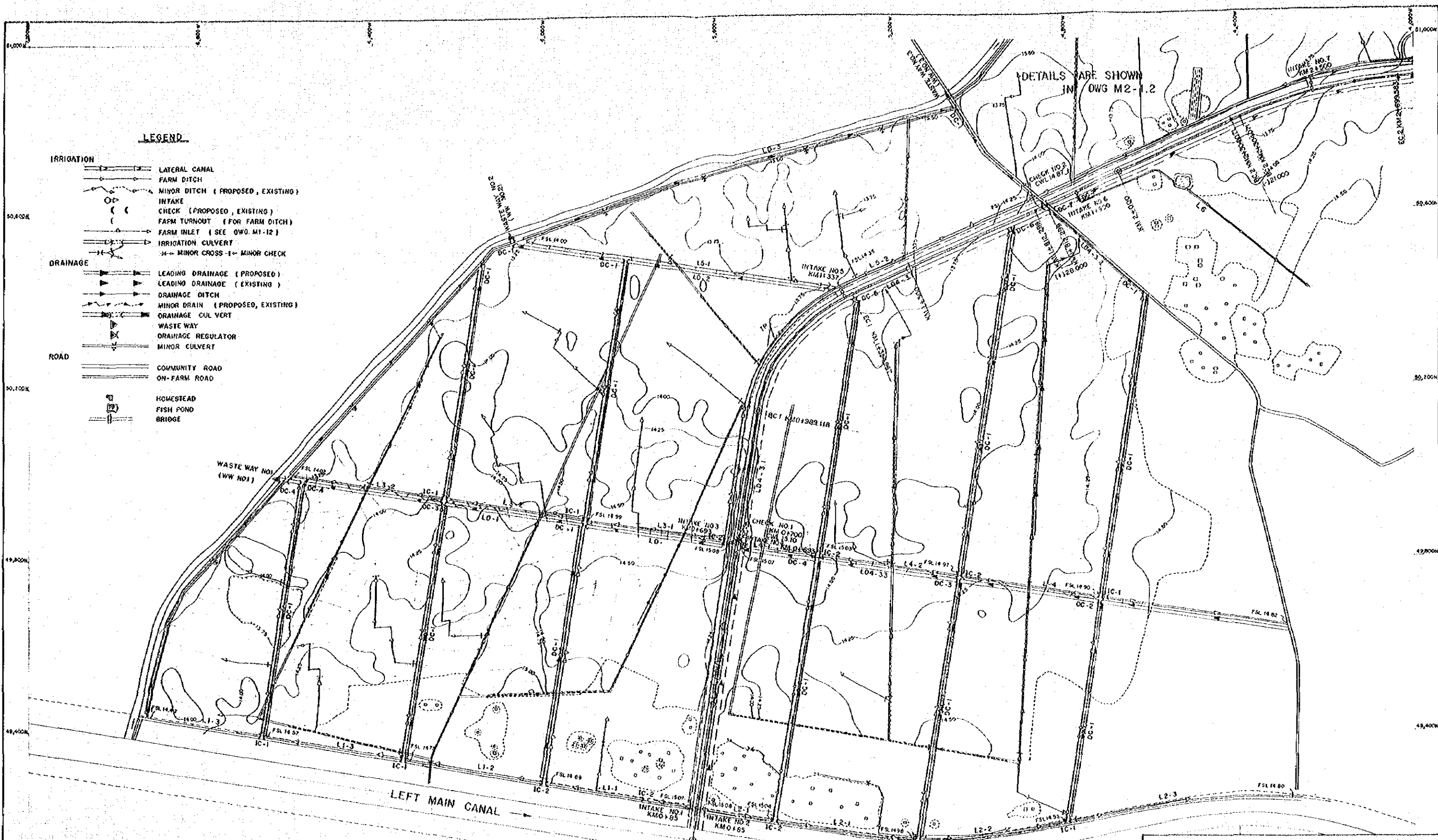
LIST OF FINISHING

DATE | DEC. 1977 | D.W.G | MI - 22

JAPAN INTERNATIONAL COOPERATION AGENCY

LEGEND

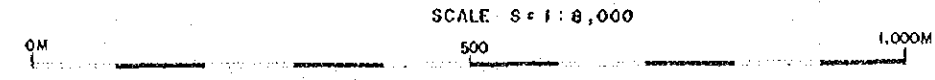
- IRRIGATION**
- LATERAL CANAL
 - FARM DITCH
 - MINOR DITCH (PROPOSED, EXISTING)
 - INTAKE
 - CHECK (PROPOSED, EXISTING)
 - FARM TURNOUT (FOR FARM DITCH)
 - FARM INLET (SEE QWO M1-12)
 - IRRIGATION CULVERT
 - MINOR CROSS — MINOR CHECK
- DRAINAGE**
- LEADING DRAINAGE (PROPOSED)
 - LEADING DRAINAGE (EXISTING)
 - DRAINAGE DITCH
 - MINOR DRAIN (PROPOSED, EXISTING)
 - DRAINAGE CULVERT
 - WASTE WAY
 - DRAINAGE REGULATOR
 - MINOR CULVERT
- ROAD**
- COMMUNITY ROAD
 - ON-FARM ROAD
- HOMESTEAD
 ○ FISH POND
 — BRIDGE



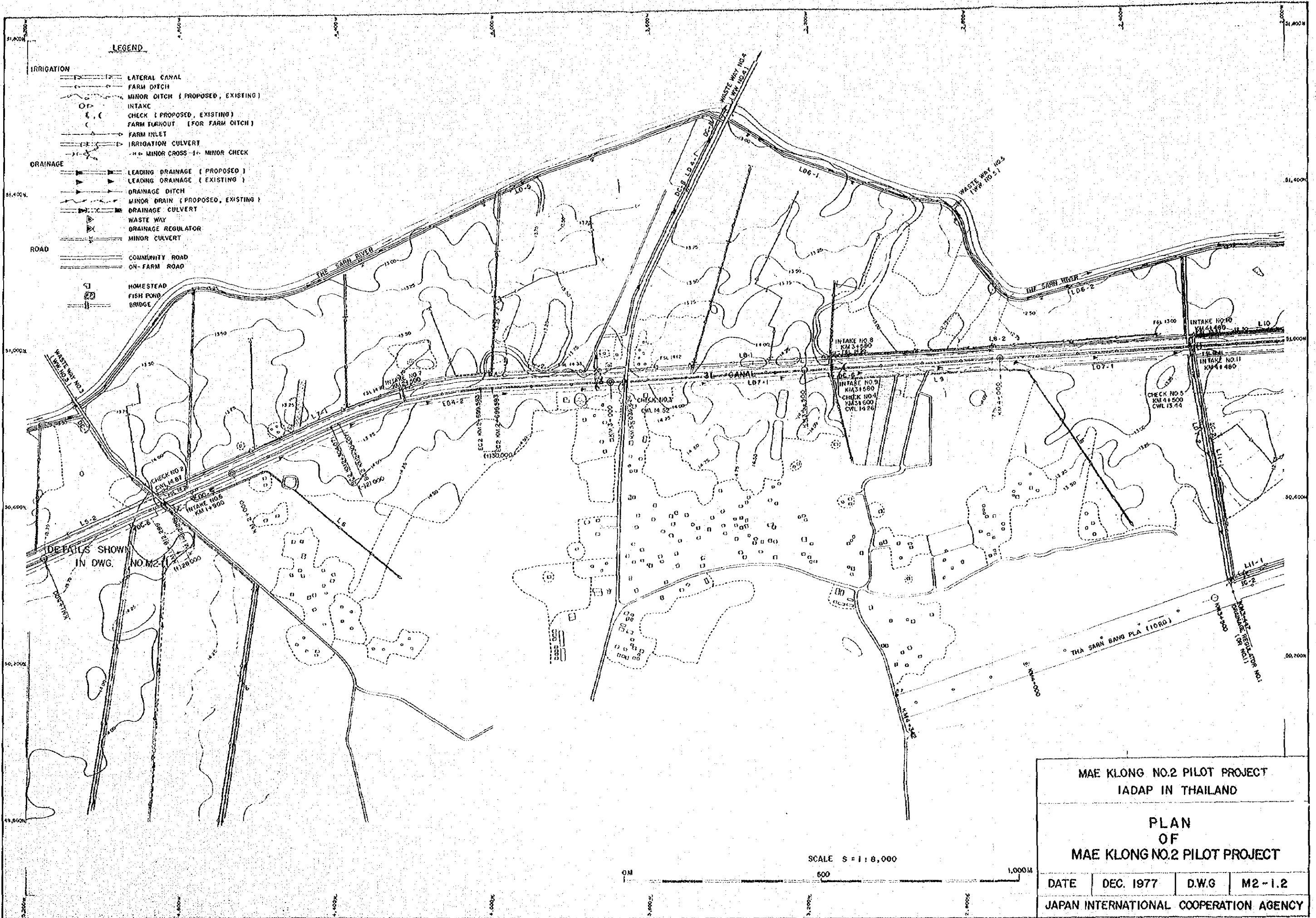
DETAILS ARE SHOWN IN DWG M2-1.2

MAE KLONG NO.2 PILOT PROJECT
IADAP IN THAILAND

PLAN
OF
MAE KLONG NO.2 PILOT PROJECT



DATE	DEC. 1977	D.W.G	M2-1.1
JAPAN INTERNATIONAL COOPERATION AGENCY			



LEGEND

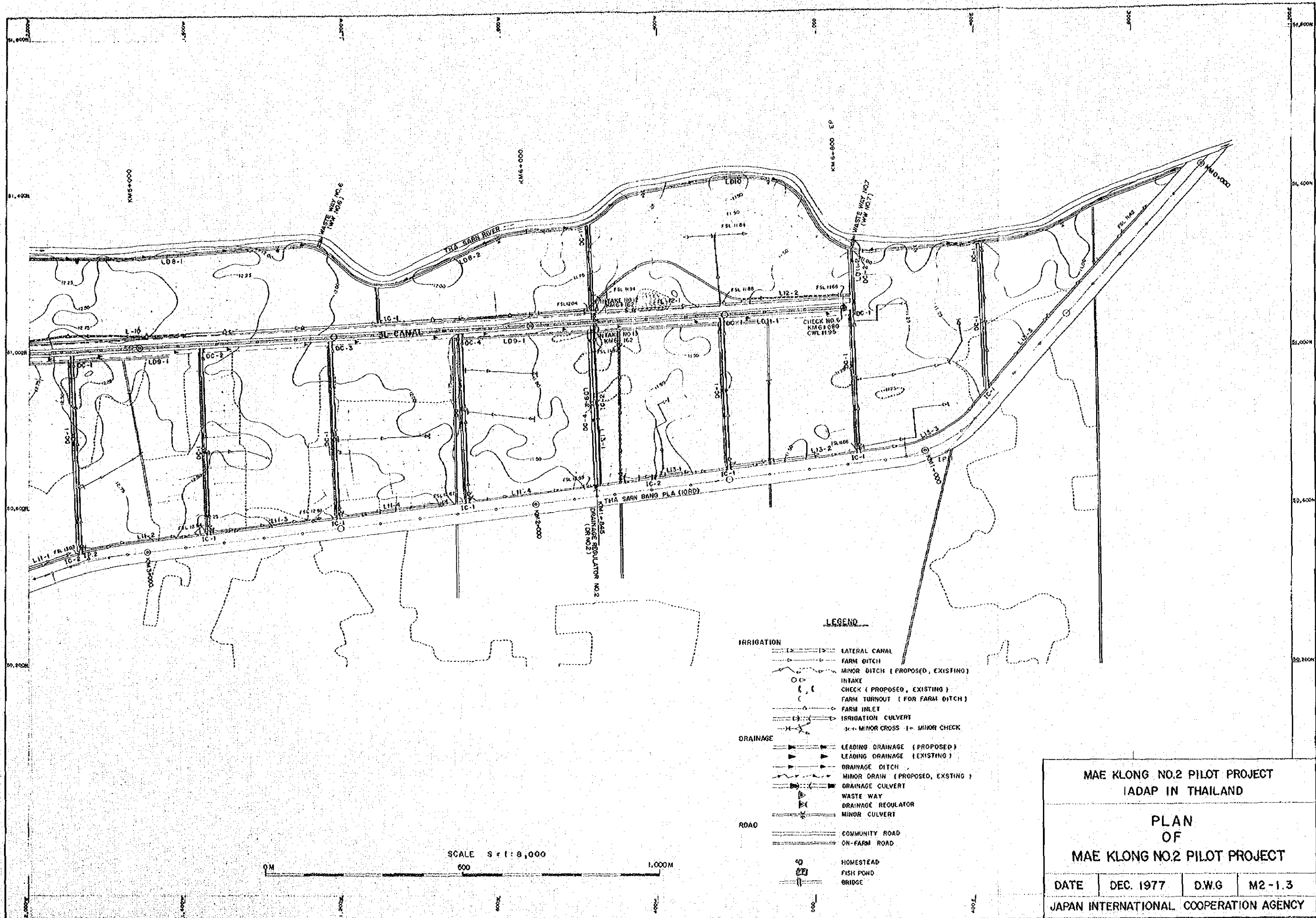
- IRRIGATION**
- LATERAL CANAL
 - FARM DITCH
 - MINOR DITCH (PROPOSED, EXISTING)
 - INTAKE
 - CHECK (PROPOSED, EXISTING)
 - FARM TURNOUT (FOR FARM DITCH)
 - FARM INLET
 - IRRIGATION CULVERT
 - MINOR CROSS — MINOR CHECK
- DRAINAGE**
- LEADING DRAINAGE (PROPOSED)
 - LEADING DRAINAGE (EXISTING)
 - DRAINAGE DITCH
 - MINOR DRAIN (PROPOSED, EXISTING)
 - DRAINAGE CULVERT
 - WASTE WAY
 - DRAINAGE REGULATOR
 - MINOR CULVERT
- ROAD**
- COMMUNITY ROAD
 - ON-FARM ROAD
- HOMESTEAD
 ○ FISH POND
 — BRIDGE

MAE KLONG NO.2 PILOT PROJECT
 IADAP IN THAILAND

PLAN
 OF
 MAE KLONG NO.2 PILOT PROJECT

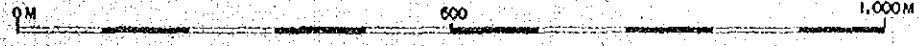
DATE	DEC. 1977	D.W.G	M2-1.2
JAPAN INTERNATIONAL COOPERATION AGENCY			

SCALE S = 1:8,000
 0N 600 1,000M



- LEGEND**
- IRRIGATION**
 - LATERAL CANAL
 - FARM DITCH
 - MINOR DITCH (PROPOSED, EXISTING)
 - INTAKE
 - CHECK (PROPOSED, EXISTING)
 - FARM TURNOUT (FOR FARM DITCH)
 - FARM INLET
 - IRRIGATION CULVERT
 - MINOR CROSS MINOR CHECK
 - DRAINAGE**
 - LEADING DRAINAGE (PROPOSED)
 - LEADING DRAINAGE (EXISTING)
 - DRAINAGE DITCH
 - MINOR DRAIN (PROPOSED, EXISTING)
 - DRAINAGE CULVERT
 - WASTE WAY
 - DRAINAGE REGULATOR
 - MINOR CULVERT
 - ROAD**
 - COMMUNITY ROAD
 - ON-FARM ROAD
 - HOMESTEAD
 - FISH POND
 - BRIDGE

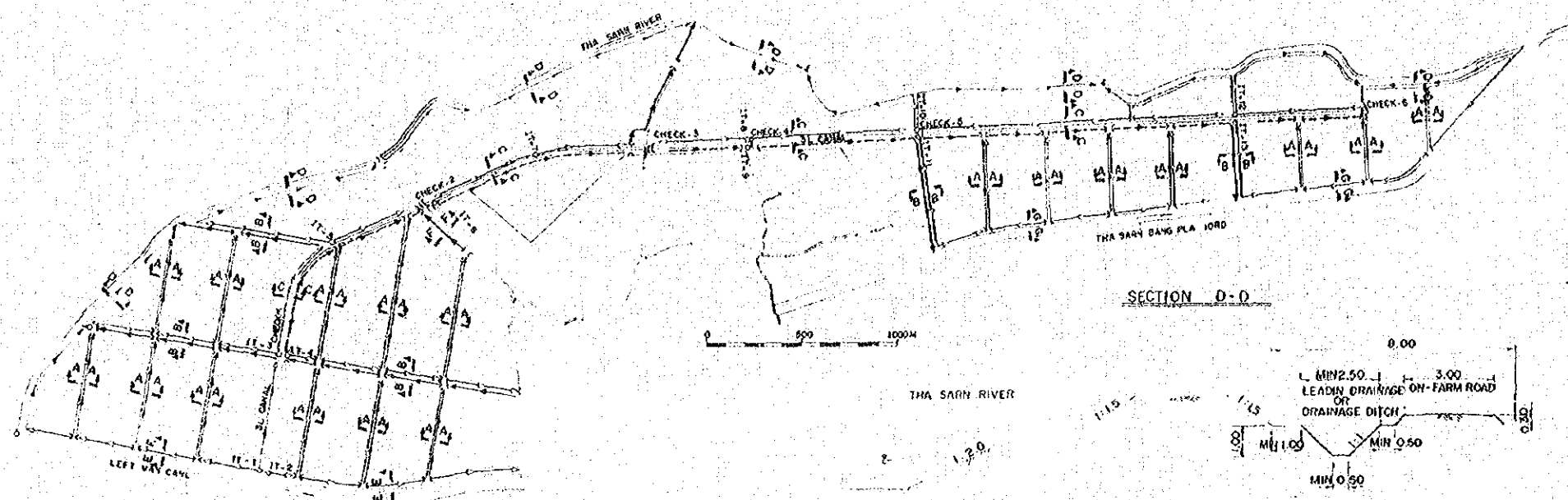
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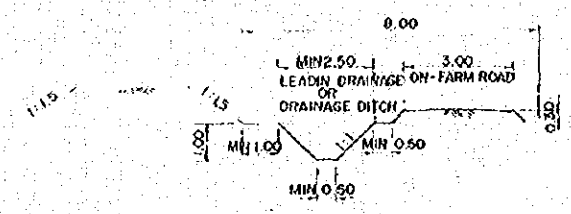
MAE KLONG NO.2 PILOT PROJECT
IADAP IN THAILAND

PLAN
OF
MAE KLONG NO.2 PILOT PROJECT

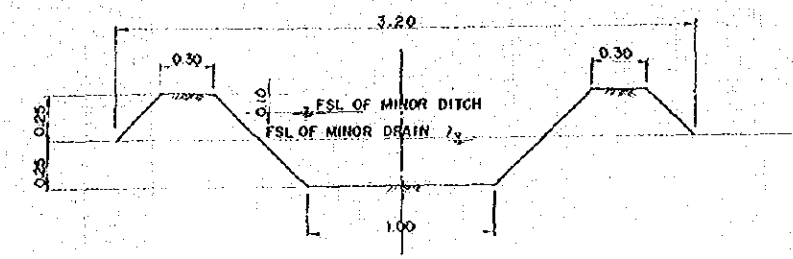
DATE	DEC. 1977	D.W.G	M2-1.3
JAPAN INTERNATIONAL COOPERATION AGENCY			



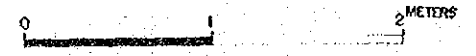
SECTION D-D



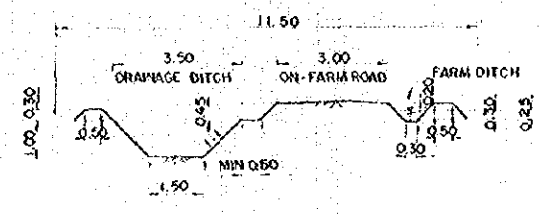
MINOR DITCH or MINOR DRAIN



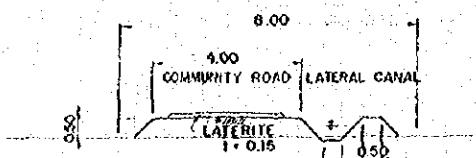
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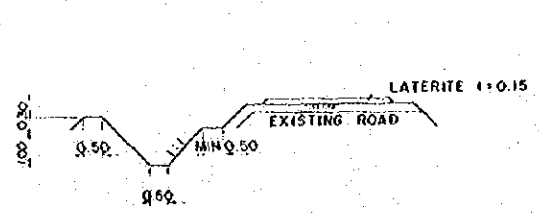
SECTION A-A



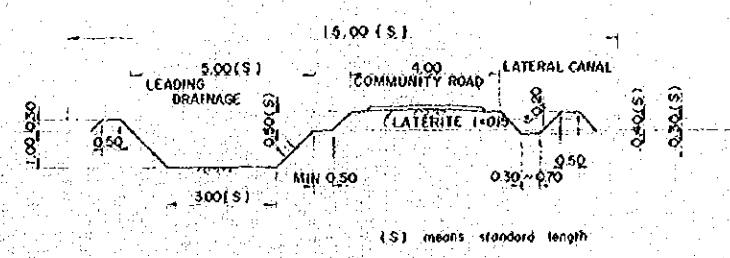
SECTION E-E



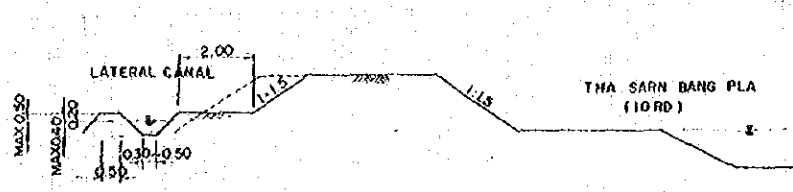
SECTION F-F



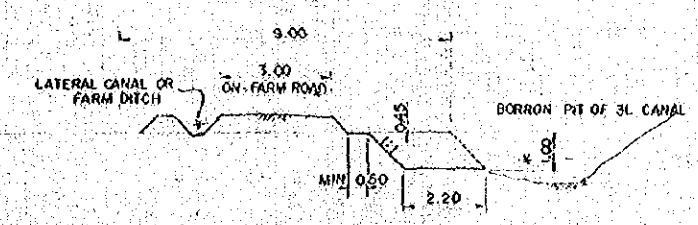
SECTION B-B



SECTION G-G



SECTION C-C



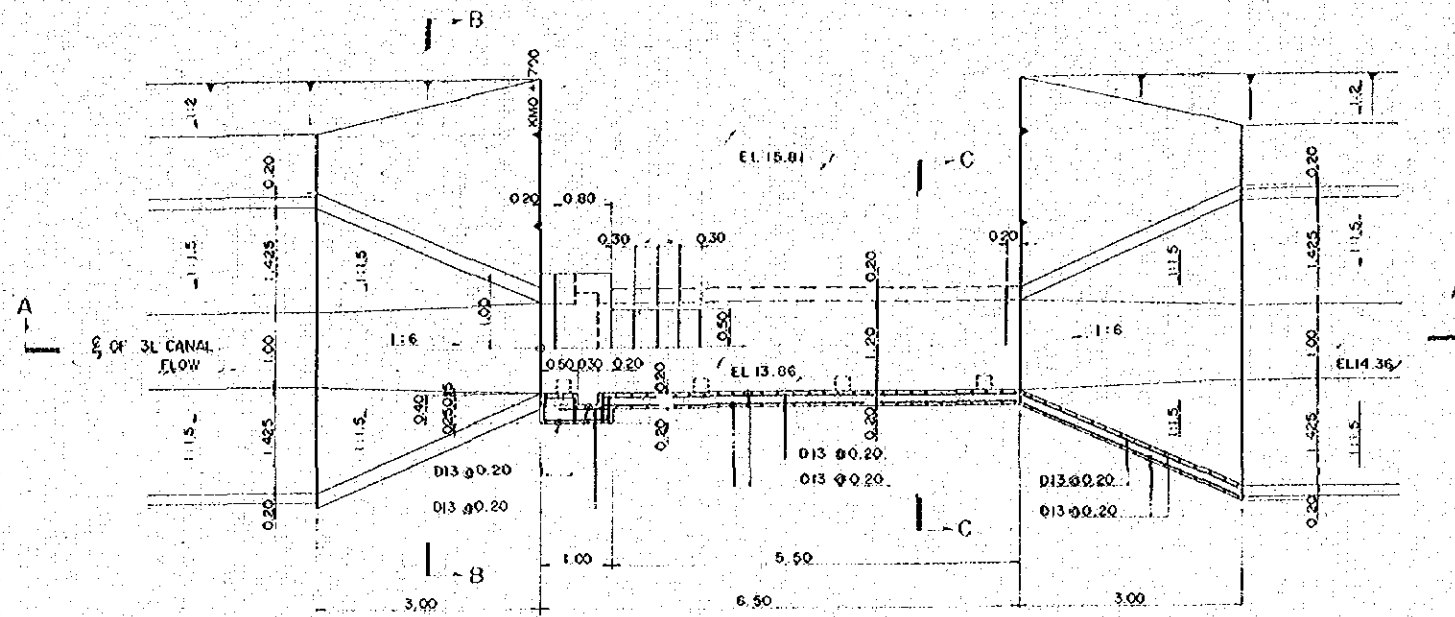
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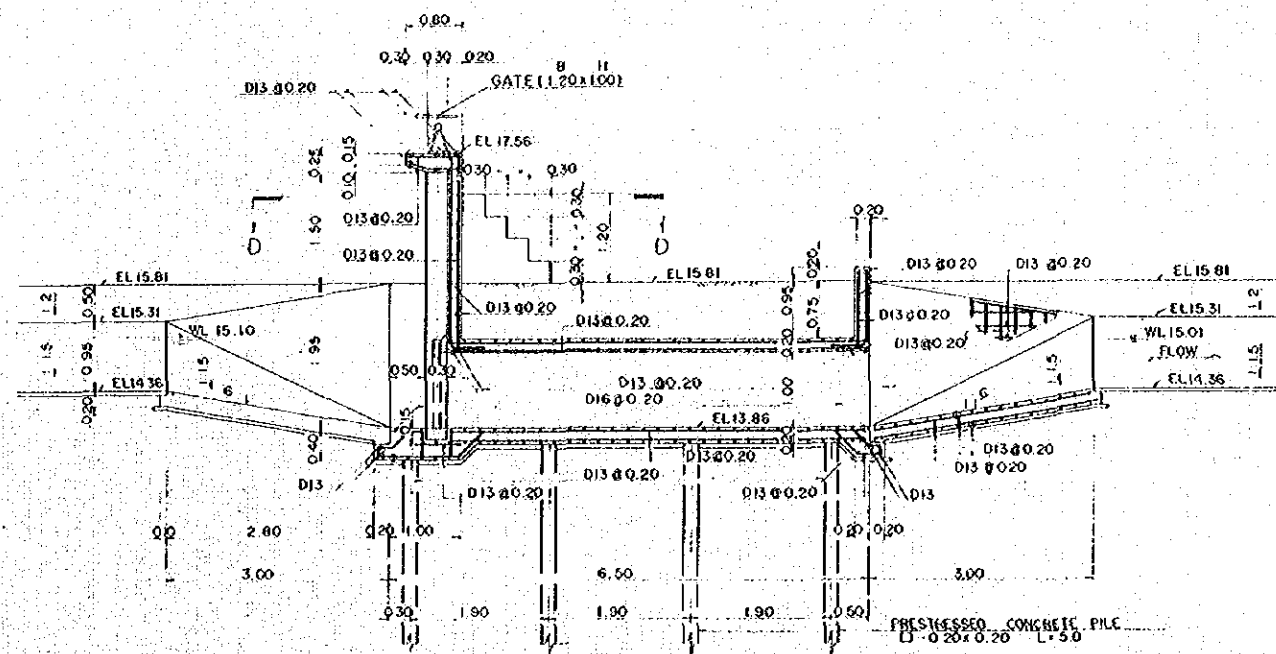
ALL DIMENSIONS ARE GIVEN IN METERS

MAE KLONG NO.2 PILOT PROJECT
IADAP IN THAILAND
TYPICAL SECTIONS
OF
ROAD AND CANAL

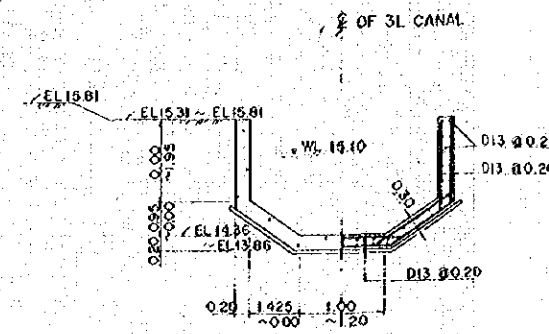
DATE	DEC. 1977	D.W.G	M2-2
JAPAN INTERNATIONAL COOPERATION AGENCY			



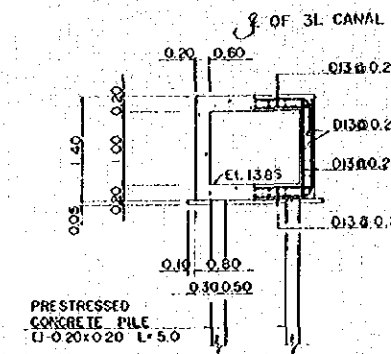
PLAN



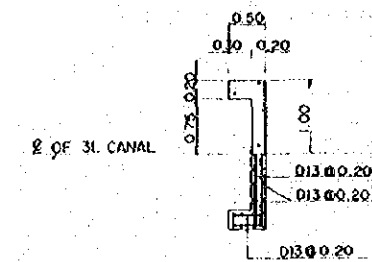
SECTION A-A



SECTION B-B



SECTION C-C



SECTION D-D

ALL DIMENSIONS ARE GIVEN IN METERS.
CHECKS FROM NO.2 TO NO.6 WILL UTILIZE EXISTING CHECKS

SCALE
S = 1 : 100

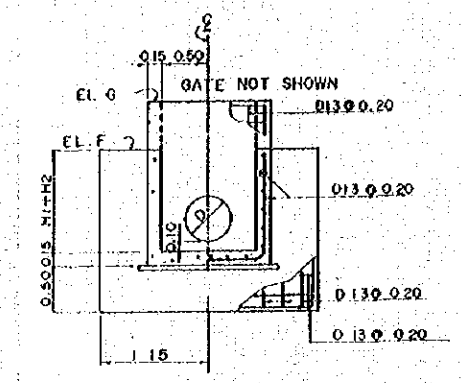
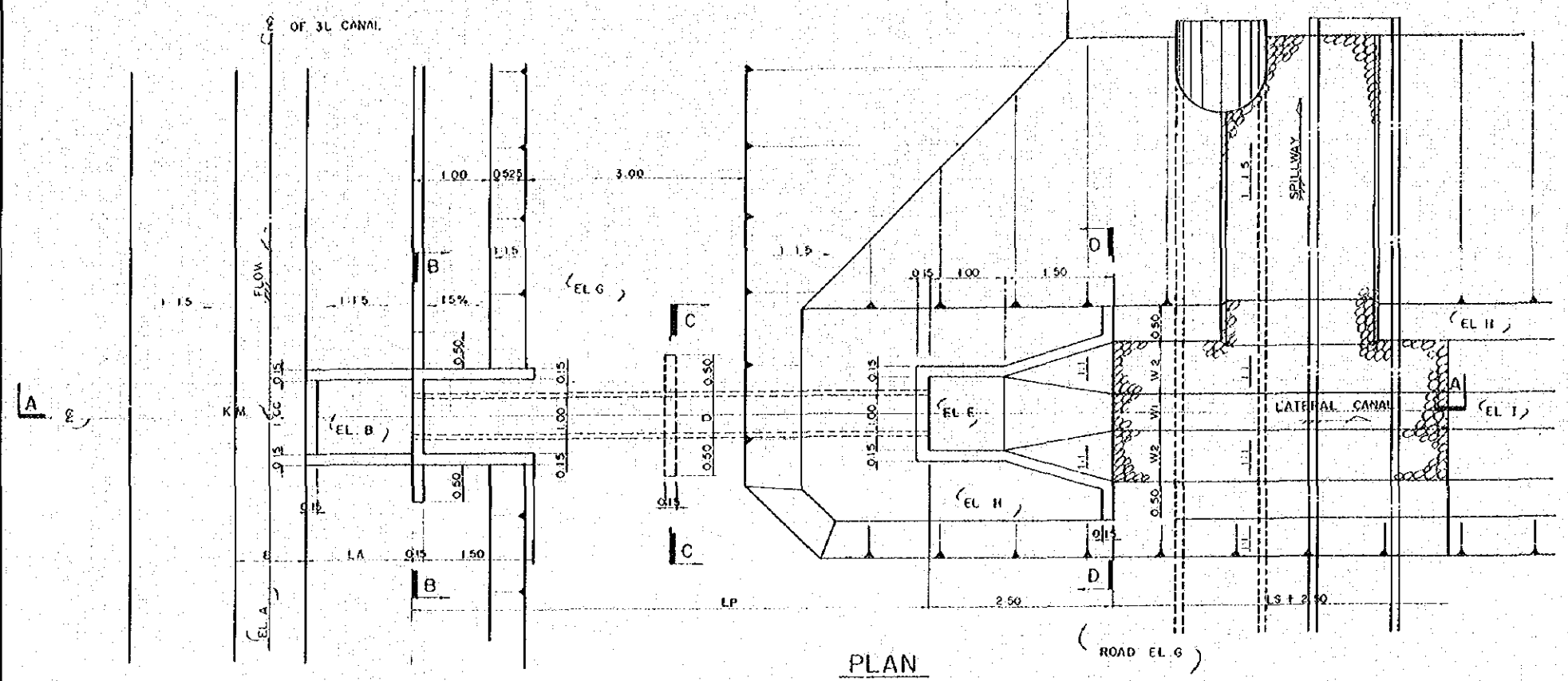


MAE KLONG NO.2 PILOT PROJECT
IADAP IN THAILAND

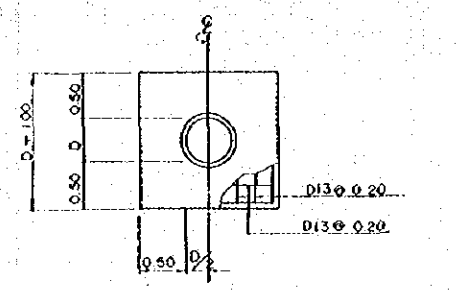
CHECK NO.1

DATE	DEC. 1977	D.W.G	M2-3
JAPAN INTERNATIONAL COOPERATION AGENCY			

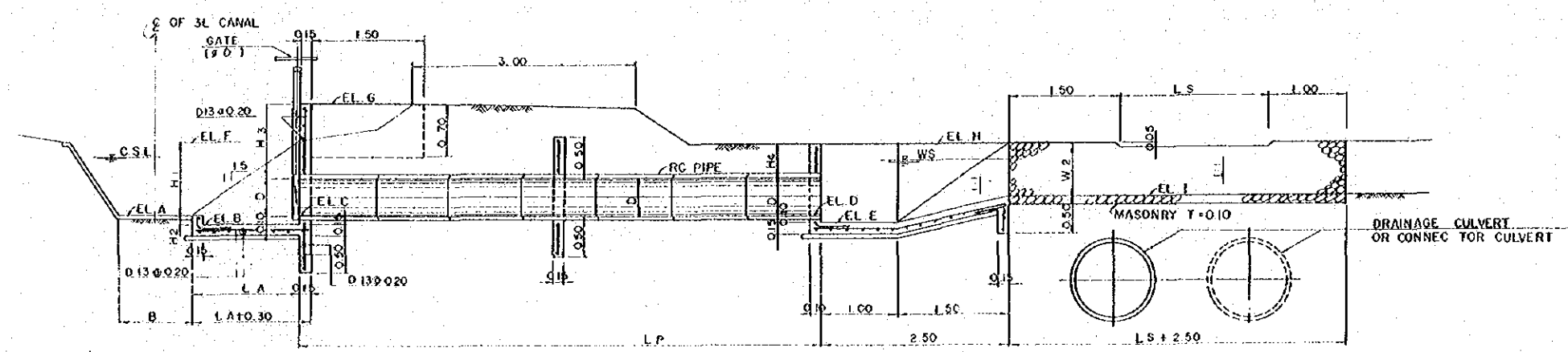
(DRAINAGE DITCH OR BORROW PIT)



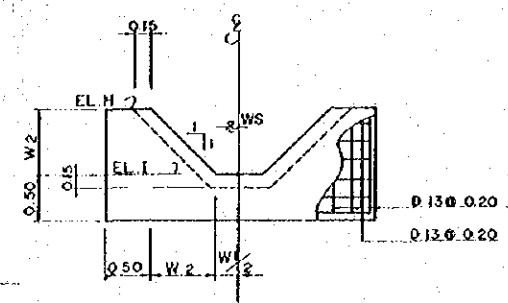
SECTION B-B



SECTION C-C



SECTION A-A

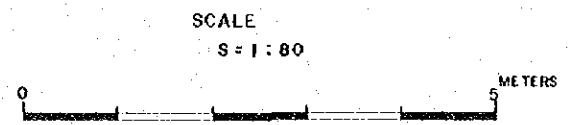


SECTION D-D

ALL DIMENSIONS ARE GIVEN IN METERS.

K M	IRRIGATION BLOCK				3L CANAL DATA					INTAKE DATA										LATERAL CANAL DATA					REMARK				
	NO.	R/T	Q cms		FSL	C.S.L	EL A	EL F	EL G	B	EL D	EL C	EL D	EL E	EL H	WS	D	LA	LP	H1	H2	H3	H4	EL I		W1	W2	LS	S
0+85	1	L.T.	0.060		+15.10	+14.44	+15.39	+15.89	1.00	+14.29	+14.39	+14.39	+14.29	+15.27	+15.07	0.40	1.425	7.00	0.95	0.15	1.10	0.48	+14.67	0.60	0.60	2.00	1/5 000		
0+85	2	R.T.	0.046		+15.10	+14.44	+15.39	+15.89	1.00	+14.29	+14.39	+14.39	+14.29	+15.28	+15.08	0.40	1.425	7.00	0.95	0.15	1.10	0.49	+14.68	0.60	0.60	2.00	1/5 000		
0+693	3	L.T.	0.048		+15.10	+14.36	+15.31	+15.81	1.00	+14.31	+14.41	+14.41	+14.31	+15.28	+15.08	0.40	1.425	7.00	0.95	0.05	1.00	0.47	+14.68	0.50	0.60	2.00	1/5 000		
0+693	4	R.T.	0.066		+15.10	+14.36	+15.31	+15.81	1.00	+14.31	+14.41	+14.41	+14.31	+15.27	+15.07	0.40	1.425	7.00	0.95	0.05	1.00	0.46	+14.67	0.70	0.60	2.00	1/5 000		
1+337	5	L.T.	0.023		+14.87	+14.28	+15.23	+15.73	1.00	+14.18	+14.28	+14.05	+13.95	+14.55	+14.35	0.30	1.425	7.00	0.95	0.10	1.15	0.40	+14.05	0.30	0.50	1.00	1/2 000		
1+900	6	R.T.	0.009		+14.52	+14.01	+14.96	+15.46	0.70	+14.19	+14.19	+14.15	+14.61	+14.51	0.30								+14.01	0.40	0.60		1/10 000	☆	
2+500	7	L.T.	0.061		+14.52	+13.94	+14.89	+15.39	0.70	+13.74	+13.84	+13.84	+13.74	+14.69	+14.49	0.40	1.425	7.00	0.95	0.20	1.15	0.45	+14.09	0.50	0.60	2.00	1/5 000		
3+580	8	L.T.	0.044		+14.26	+13.85	+14.55	+15.05	0.70		+13.76	+13.74	+13.63	+14.40	+14.20	0.30							0.36	+13.80	0.50	0.60	2.00	1/5 000	○
3+580	9	R.T.	0.015		+14.26	+13.85	+14.55	+15.05	0.70		+13.87	+13.69		+14.15	+14.05	0.30							+13.60	0.40	0.55		1/5 000	☆	
4+480	10	L.T.	0.031		+13.44	+12.94	+13.74	+14.24	0.70		+13.10	+13.10	+13.00	+13.61	+13.41	0.30							0.21	+13.11	0.30	0.50	2.00	1/2 000	○
4+480	11	R.T.	0.059		+13.44	+12.94	+13.74	+14.24	0.70	+12.64	+12.74	+12.74	+12.64	+13.61	+13.41	0.40	1.20	7.00	0.80	0.30	1.10	0.47	+13.01	0.50	0.60	2.00	1/3 000		
6+162	12	L.T.	0.018		+11.95	+11.73	+12.33	+12.83	0.70	+11.23	+11.33	+11.33	+11.23	+12.14	+11.94	0.30	0.90	7.00	0.60	0.50	1.20	0.51	+12.64	0.30	0.50	1.00	1/5 000		
6+162	13	R.T.	0.062		+11.95	+11.73	+12.33	+12.83	0.70	+11.13	+11.23	+11.23	+11.13	+12.12	+11.92	0.40	0.90	7.00	0.60	0.60	1.20	0.49	+12.52	0.60	0.60	2.00	1/4 000		

NOTES
 ○ : EXISTING CULVERT WILL BE UTILIZED IN CONSTRUCTING GATE AND CANAL.
 ☆ : ONLY GATE WILL BE ATTACHED TO EXISTING CULVERT.



MAE KLONG NO.2 PILOT PROJECT
 IADAP IN THAILAND

INTAKE

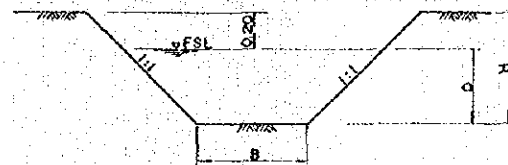
DATE	DEC 1977	D.W.G	M2-4
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JAPAN INTERNATIONAL COOPERATION AGENCY

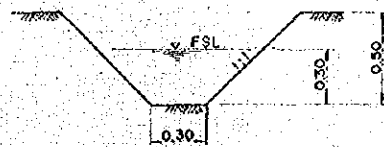
DIMENSION TABLE OF LATERAL CANAL

NAME LATERAL CANAL	MAX CAPACITY (cms)	GRADIENT	DISTANCE	B (m)	D (m)	H (m)
L1-1	0.060	1/2,000	KM0+000 - KM0+360	0.40	0.40	0.60
L1-2	0.043	-do-	0+360 - 0+690	0.40	0.30	0.60
L1-3	0.026	-do-	0+690 - 1+300	0.30	0.30	0.60
L2-1	0.046	1/5,000	KM0+000 - KM0+520	0.40	0.40	0.60
L2-2	0.028	-do-	0+520 - 0+810	0.40	0.30	0.50
L2-3	0.015	-do-	0+810 - 1+380	0.30	0.30	0.50
L3-1	0.048	1/4,000	KM0+000 - KM0+360	0.40	0.40	0.60
L3-2	0.027	1/700	0+360 - 1+040	0.30	0.30	0.50
L4-1	0.066	1/5,000	KM0+000 - KM0+180	0.70	0.40	0.60
L4-2	0.059	-do-	0+180 - 0+520	0.60	0.40	0.60
L4-3	0.040	-do-	0+520 - 0+650	0.40	0.40	0.60
L4-4	0.018	-do-	0+650 - 1+270	0.30	0.30	0.50
L5-1	0.023	1/2,000	KM0+000 - KM0+720	0.30	0.30	0.50
L5-2	0.023	1/5,000	KM0+000 - KM0+500	0.30	0.30	0.50
L6	EXISTING DITCH WILL BE UTILIZED AS L6					
L7-1	0.028	1/3,000	KM0+000 - KM0+680	0.30	0.30	0.50
L7-2	0.023	-do-	KM0+000 - KM0+470	0.40	0.40	0.60
L8-1	0.022	1/5,000	KM0+000 - KM0+950	0.30	0.30	0.50
L8-2	0.022	1/850	KM0+000 - KM0+630	0.30	0.30	0.50
L9	EXISTING DITCH WILL BE UTILIZED AS L9					
L10	0.031	1/1,200	KM0+000 - KM1+650	0.30	0.30	0.50
L11-1	0.059	1/2,500	KM0+000 - KM0+850	0.40	0.40	0.60
L11-2	0.047	-do-	0+850 - 1+180	0.40	0.35	0.55
L11-3	0.034	-do-	1+180 - 1+500	0.40	0.30	0.50
L11-4	0.024	-do-	1+500 - 2+150	0.30	0.30	0.50
L12-1	0.018	1/5,000	KM0+000 - KM0+320	0.30	0.30	0.50
L12-2	0.018	1/1,500	0+320 - 0+650	0.30	0.30	0.50
L13-1	0.062	1/4,000	KM0+000 - KM0+710	0.50	0.40	0.60
L13-2	0.033	-do-	0+710 - 1+050	0.40	0.35	0.55
L13-3	0.024	-do-	1+050 - 2+000	0.30	0.30	0.50

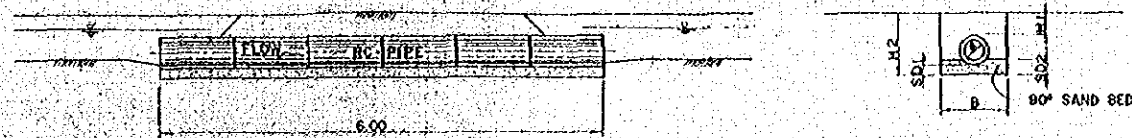
SECTION OF LATERAL CANAL
S = 1:40



SECTION OF FARM DITCH
S = 1:40

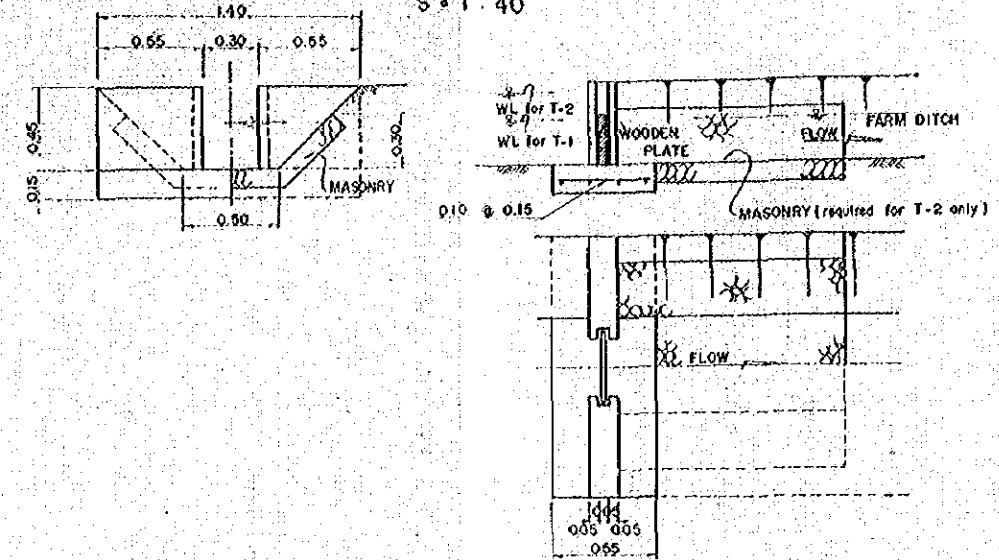


IRRIGATION CULVERT (IC-1, IC-2)
S = 1:100

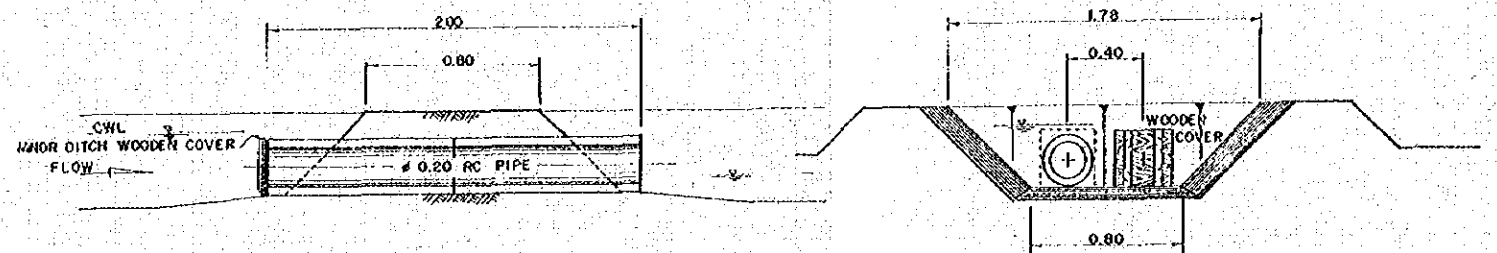


	B	H1	H2	SD 1	SD 2
IC-1	0.30	0.90	0.30	0.65	0.15
IC-2	0.40	1.10	0.60	1.15	0.22

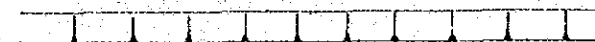
TURNOUT (T-1, T-2)
S = 1:40



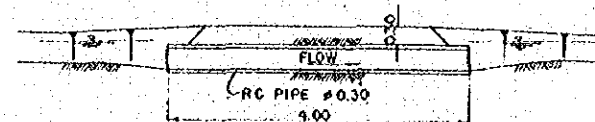
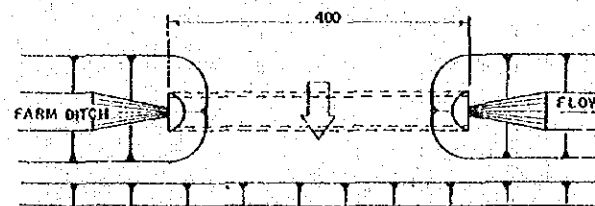
MINOR CHECK
S = 1:40



FARM INLET
S = 1:100

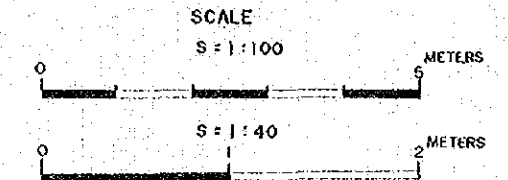


ON-FARM ROAD



- NOTE
1. RC PIPE WITH DIAMETER OF 0.20m USED IN MINOR CHECK WILL BE UTILIZED FOR FARM INLET AT THE RECONSTRUCTION BY INTENSIVE ON-FARM DEVELOPMENT IN FUTURE.
 2. TURNOUT TYPE T-2 WILL BE UTILIZED FOR WATER DISTRIBUTION WITH HIGH HEAD.

ALL DIMENSIONS ARE GIVEN IN METER.

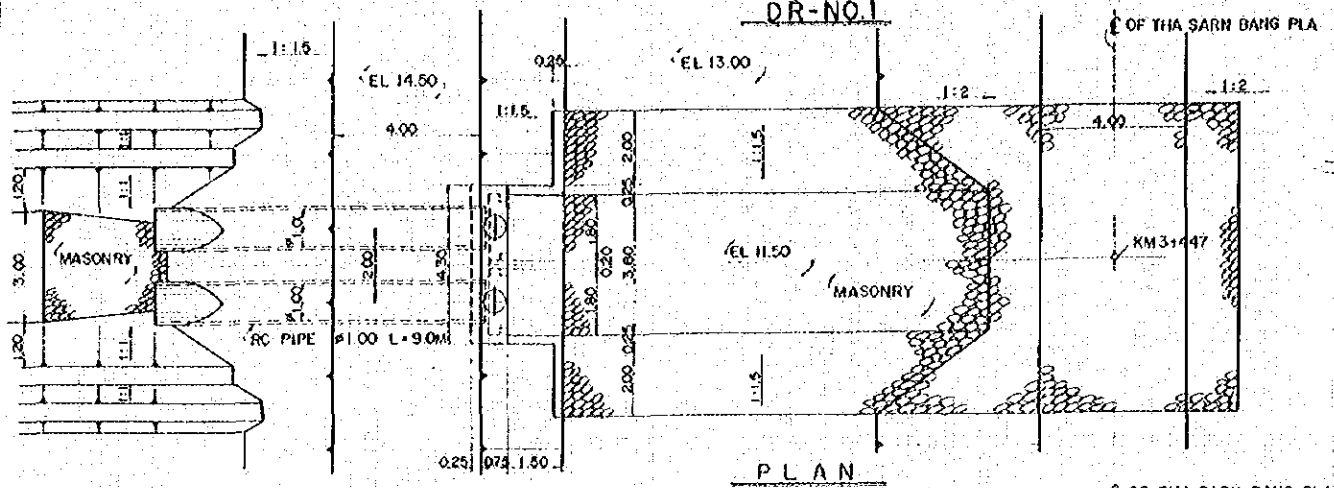


MAE KLONG NO.2 PILOT PROJECT
IADAP IN THAILAND

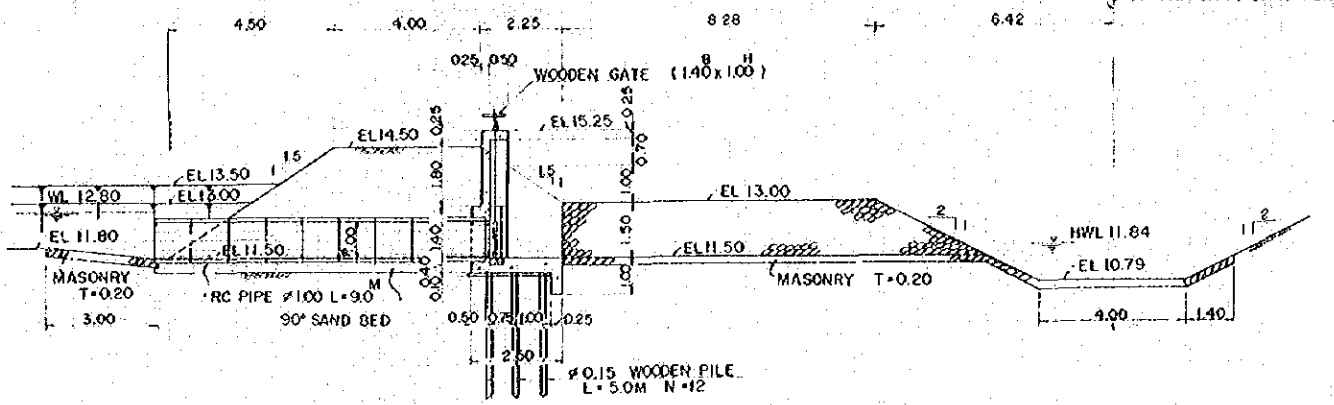
IRRIGATION FACILITIES
(CANAL, CULVERT AND MISCELLANEOUS)

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DRAINAGE REGULATOR
S = 1:200

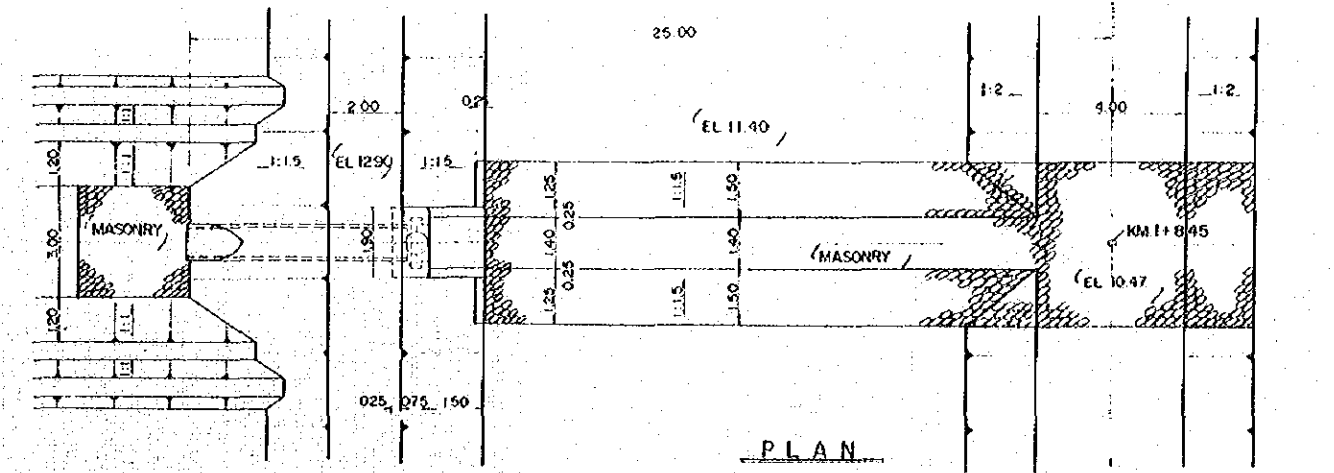


PLAN

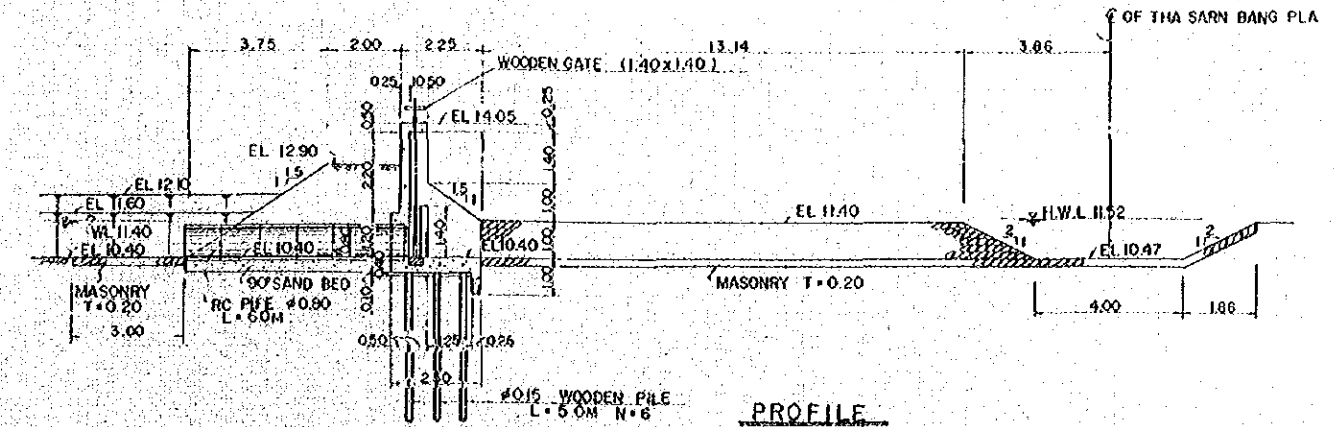


PROFILE

DR-NO.2

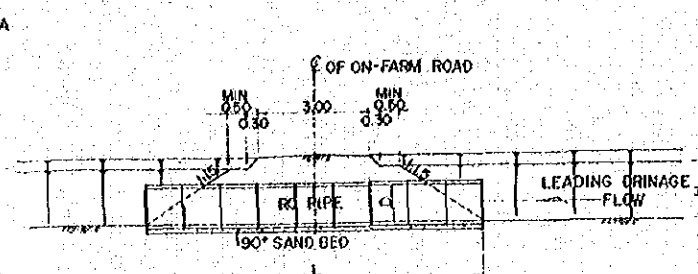


PLAN



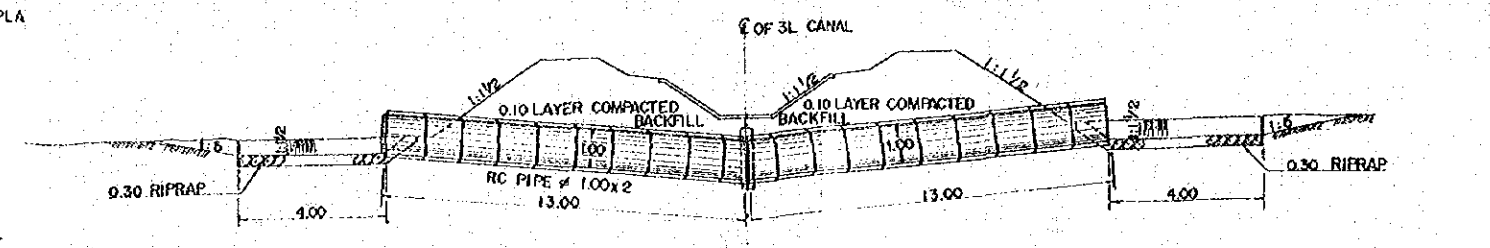
PROFILE

DRAINAGE CULVERT
S = 1:200

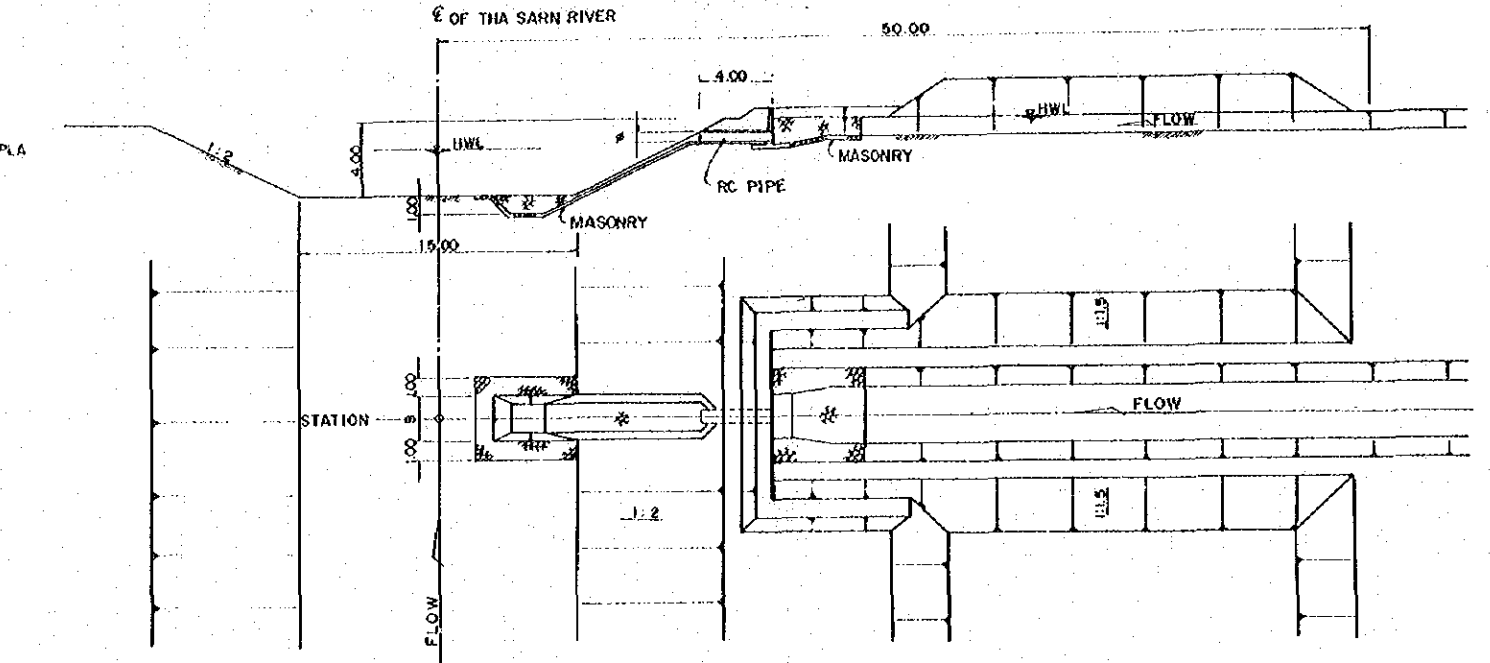


DC-9

DRAINAGE CULVERT	D	L	H
DC-1	φ0.40x1	8.00	1.00
DC-2	φ0.50x1	8.00	1.00
DC-3	φ0.60x1	8.00	1.00
DC-4	φ0.80x1	8.00	1.00
DC-5	φ0.80x1	15.00	1.00
DC-6	φ1.00x1	15.00	1.20
DC-7	φ0.80x2	15.00	1.00
DC-8	φ1.00x2	8.00	1.20

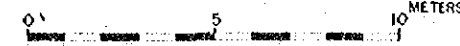


WASTE WAY
S = 1:400



WASTE WAY	STATION	DESIGN CAPACITY	RC PIPE	B
WW NO. 1	KM 63+950	0.543cms	φ0.60x1	1.50
WW NO. 2	KM 63+130	0.327	φ0.50x1	1.50
WW NO. 3	KM 62+040	0.160	φ0.30x1	1.00
WW NO. 4	KM 60+110	2.305	φ0.80x2	3.00
WW NO. 5	KM 59+400	0.329	φ0.50x1	1.50
WW NO. 6	KM 57+700	0.237	φ0.40x1	1.50
WW NO. 7	KM 66+230	0.537	φ0.60x1	1.50

SCALE
S = 1:200



MAE KLONG NO.2 PILOT PROJECT
IADAP IN THAILAND

DRAINAGE FACILITIES (CULVERT,
WASTE WAY AND DRAINAGE REGULATOR)

DATE DEC 1977 | D.W.G M2-6
JAPAN INTERNATIONAL COOPERATION AGENCY

