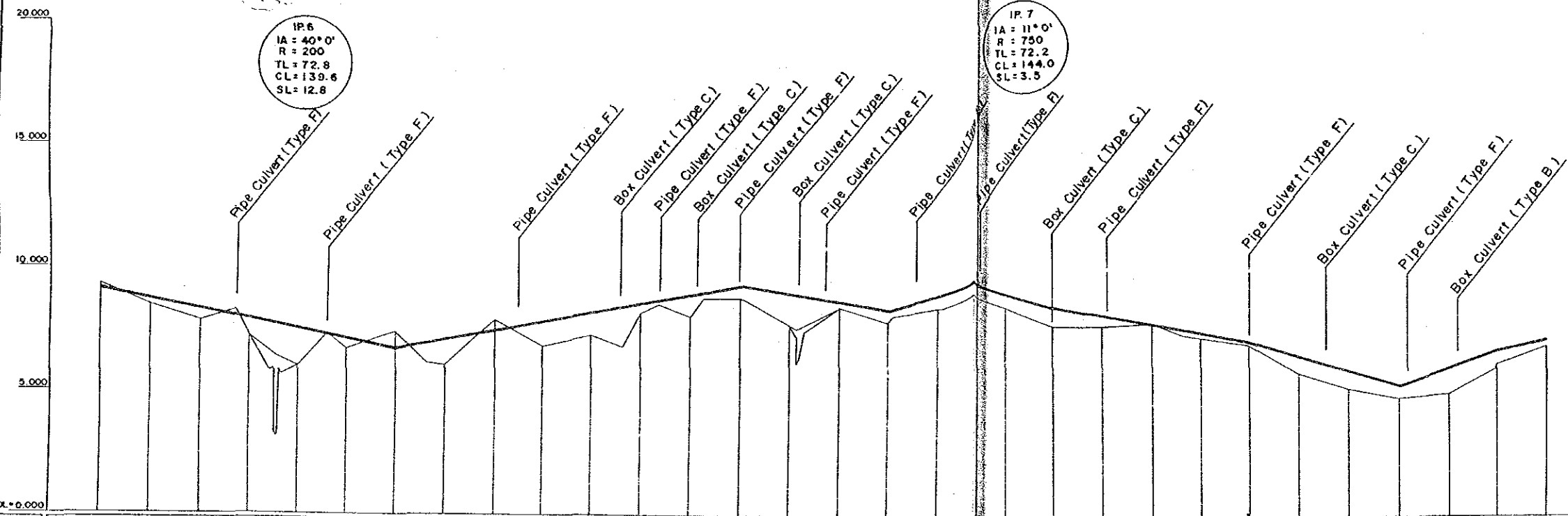


IP. 6
 IA = 40° 0'
 R = 200
 TL = 72.8
 CL = 139.6
 SL = 12.8

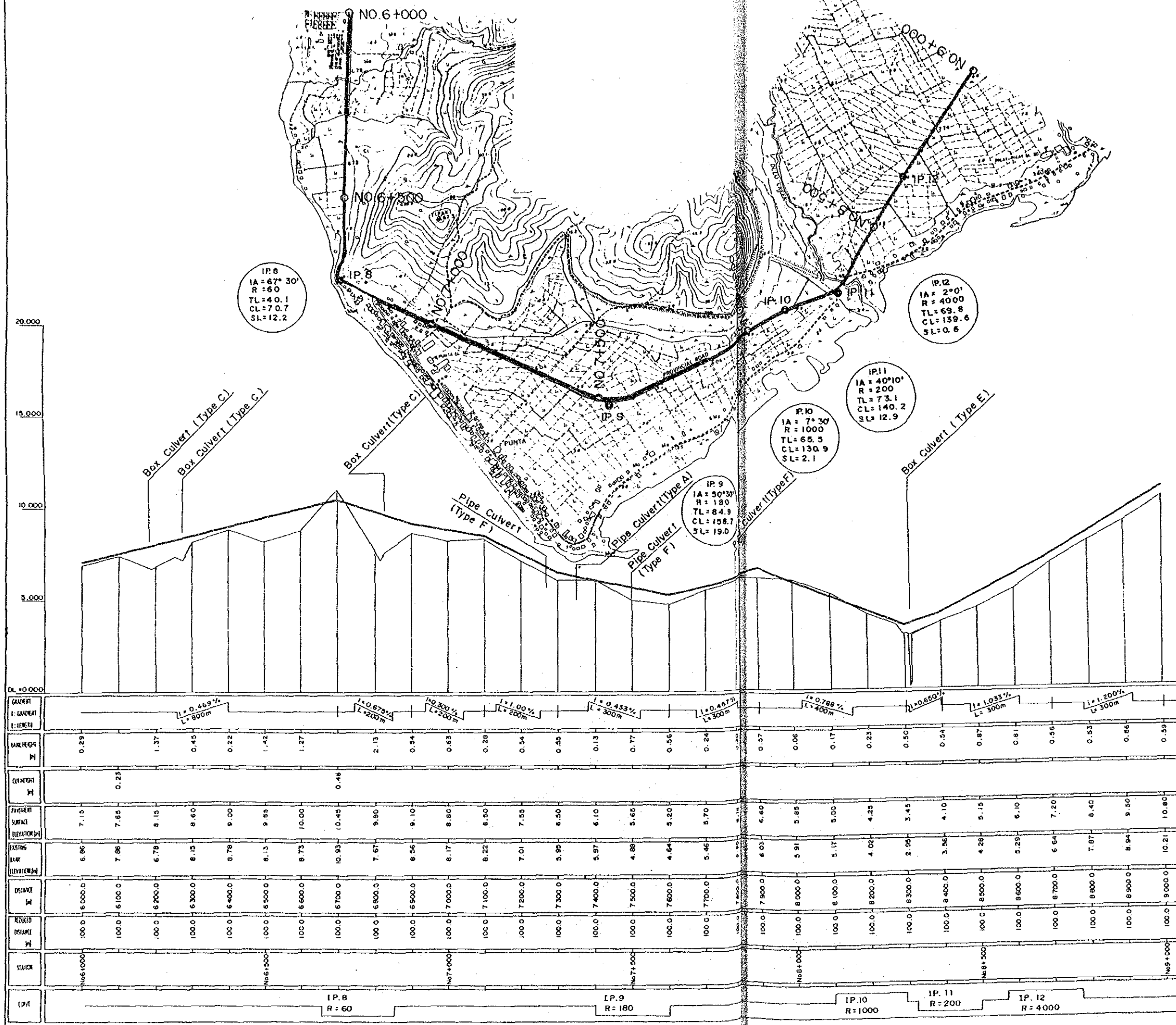
IP. 7
 IA = 11° 0'
 R = 750
 TL = 72.2
 CL = 144.0
 SL = 3.3



STATION	GROUND ELEVATION (m)	MARKER HEIGHT (m)	CULVERT HEIGHT (m)	PROPOSED SURFACE ELEVATION (m)	EXISTING GROUND ELEVATION (m)	DISTANCE (m)	RECORD DISTANCE (m)
No. 3+000	9.27	0.07	0.07	9.20	9.27	0.00	100.0
No. 3+100	8.44	0.04	0.04	8.90	8.44	0.00	100.0
No. 3+200	7.79	0.04	0.04	8.40	7.79	0.00	100.0
No. 3+250	8.24	0.04	0.04	8.20	8.24	0.00	50.0
No. 3+300	7.25	0.04	0.04	8.00	7.25	0.00	100.0
No. 3+400	5.93	0.04	0.04	7.60	5.93	0.00	100.0
No. 3+500	6.69	0.04	0.04	7.20	6.69	0.00	100.0
No. 3+600	7.39	0.04	0.04	8.70	7.39	0.00	100.0
No. 3+700	6.00	0.04	0.04	7.15	6.00	0.00	100.0
No. 3+800	7.85	0.04	0.04	7.50	7.85	0.00	100.0
No. 3+900	6.79	0.04	0.04	7.85	6.79	0.00	100.0
No. 4+000	7.27	0.04	0.04	8.25	7.27	0.00	100.0
No. 4+050	6.80	0.04	0.04	8.40	6.80	0.00	50.0
No. 4+100	6.19	0.04	0.04	8.00	6.19	0.00	100.0
No. 4+150	6.52	0.04	0.04	8.80	6.52	0.00	50.0
No. 4+200	8.05	0.04	0.04	9.00	8.05	0.00	100.0
No. 4+250	8.78	0.04	0.04	9.15	8.78	0.00	50.0
No. 4+300	8.82	0.04	0.04	9.40	8.82	0.00	100.0
No. 4+400	7.72	0.04	0.04	9.05	7.72	0.00	100.0
No. 4+500	8.46	0.04	0.04	8.70	8.46	0.00	100.0
No. 4+600	7.84	0.04	0.04	8.40	7.84	0.00	100.0
No. 4+700	8.44	0.04	0.04	9.00	8.44	0.00	100.0
No. 4+800	8.50	0.04	0.04	8.95	8.50	0.00	100.0
No. 4+900	7.75	0.04	0.04	8.30	7.75	0.00	100.0
No. 5+000	7.72	0.04	0.04	8.00	7.72	0.00	100.0
No. 5+200	7.79	0.04	0.04	7.70	7.79	0.00	100.0
No. 5+300	7.24	0.04	0.04	7.40	7.24	0.00	100.0
No. 5+400	6.95	0.04	0.04	7.10	6.95	0.00	100.0
No. 5+500	5.79	0.04	0.04	6.50	5.79	0.00	100.0
No. 5+600	5.19	0.04	0.04	5.95	5.19	0.00	100.0
No. 5+700	4.78	0.04	0.04	5.30	4.78	0.00	100.0
No. 5+800	4.96	0.04	0.04	6.05	4.96	0.00	100.0
No. 5+900	6.14	0.04	0.04	6.70	6.14	0.00	100.0
No. 6+000	6.86	0.04	0.04	7.15	6.86	0.00	100.0

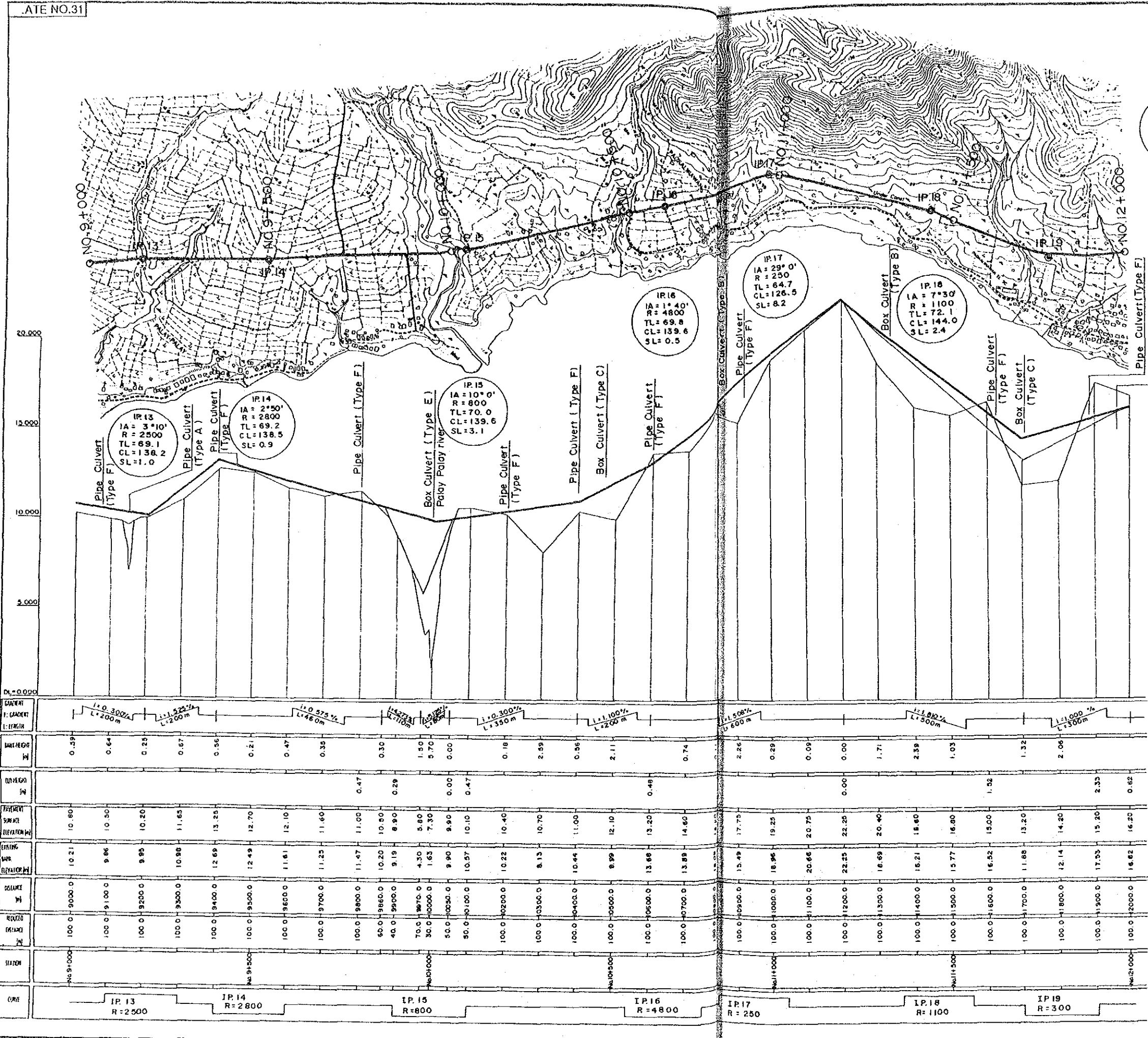
THE REPUBLIC OF THE PHILIPPINES
 DEPARTMENT OF AGRARIAN REFORM
 INTEGRATED JALA-JALA RURAL DEVELOPMENT PROJECT
 TITLE OF DRAWING
 GENERAL LAYOUT OF TRUNK ROAD
 NO. 3 TO NO. 6

JAPAN INTERNATIONAL COOPERATION AGENCY
 DWG NO. 15-2



GRADE	$i = 0.469\%$ L=800m $i = 0.675\%$ L=200m $i = 0.300\%$ L=200m $i = 1.00\%$ L=200m $i = 0.433\%$ L=300m $i = 0.467\%$ L=300m $i = 0.788\%$ L=400m $i = 0.650\%$ L=300m $i = 1.035\%$ L=300m $i = 1.200\%$ L=300m																																
GRADE HEIGHT (M)	0.25	1.37	0.45	0.22	1.42	1.27	2.13	0.54	0.63	0.28	0.34	0.35	0.13	0.77	0.56	0.24	0.37	0.06	0.17	0.23	0.50	0.34	0.87	0.81	0.56	0.53	0.86	0.39					
CURVE HEIGHT (M)		0.23			0.46																												
PAVEMENT SURFACE ELEVATION (M)	7.15	7.85	8.15	8.60	9.00	9.55	10.00	10.45	9.90	9.10	8.90	8.50	7.35	6.50	6.10	5.65	5.30	5.70	6.60	5.85	5.00	4.25	3.45	4.10	2.15	6.10	7.20	8.40	9.50	10.80			
EXISTING GROUND ELEVATION (M)	6.96	7.08	6.78	8.15	8.78	8.13	8.73	10.93	7.67	8.96	8.17	8.22	7.01	5.95	5.97	4.88	4.64	5.46	6.03	5.91	5.17	4.02	2.95	3.56	4.28	3.29	6.64	7.87	8.94	10.21			
DISTANCE (M)	0.000	100.0	200.0	300.0	400.0	500.0	600.0	700.0	800.0	900.0	1000.0	1100.0	1200.0	1300.0	1400.0	1500.0	1600.0	1700.0	1800.0	1900.0	2000.0	2100.0	2200.0	2300.0	2400.0	2500.0	2600.0	2700.0	2800.0	2900.0			
RESULT DISTANCE (M)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0			
STATION	NO.6+000					NO.6+500									NO.7+000														NO.8+000				NO.9+000
TYPE						IP.8 R=60									IP.9 R=180														IP.10 R=1000	IP.11 R=200	IP.12 R=4000		

THE REPUBLIC OF THE PHILIPPINES
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 INTEGRATED JALA-JALA RURAL DEVELOPMENT PROJECT
 TITLE OF DRAWING
**GENERAL LAYOUT OF TRUNK ROAD
 NO.6 TO NO.9**
 JAPAN INTERNATIONAL COOPERATION AGENCY
 DWG NO.
15 - 3



IP.19
 IA = 25° 0'
 R = 300
 TL = 66.5
 CL = 130.9
 SL = 7.3

IP.17
 IA = 29° 0'
 R = 250
 TL = 64.7
 CL = 126.5
 SL = 8.2

IP.18
 IA = 7° 30'
 R = 1100
 TL = 72.1
 CL = 144.0
 SL = 2.4

IP.16
 IA = 1° 40'
 R = 4800
 TL = 69.8
 CL = 139.6
 SL = 0.5

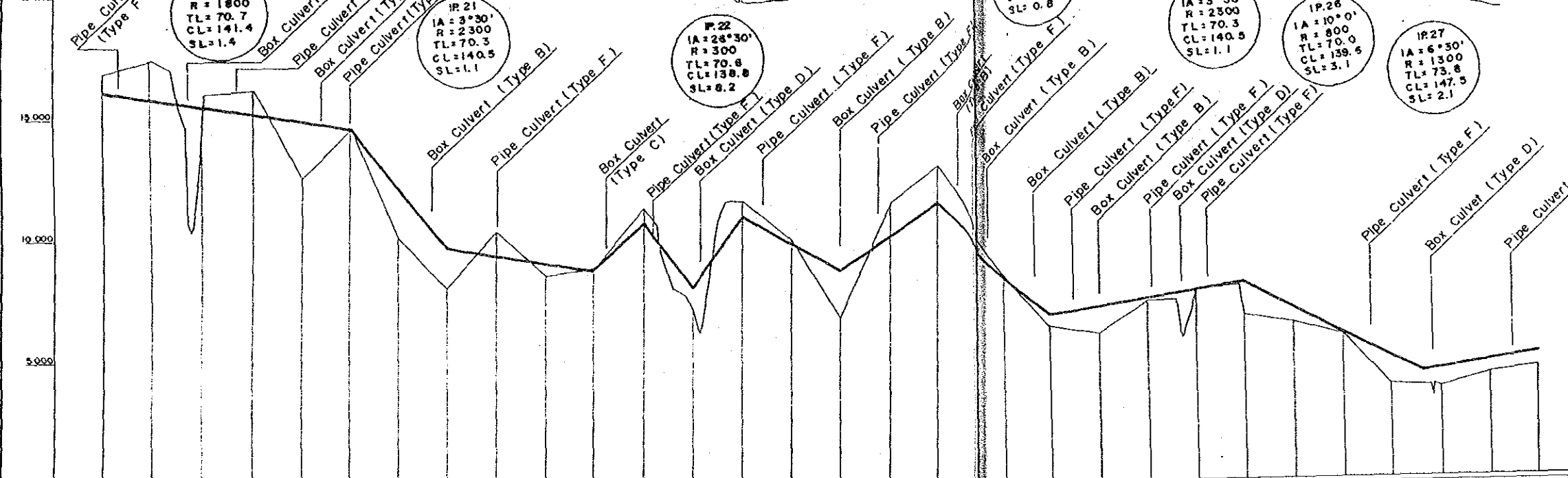
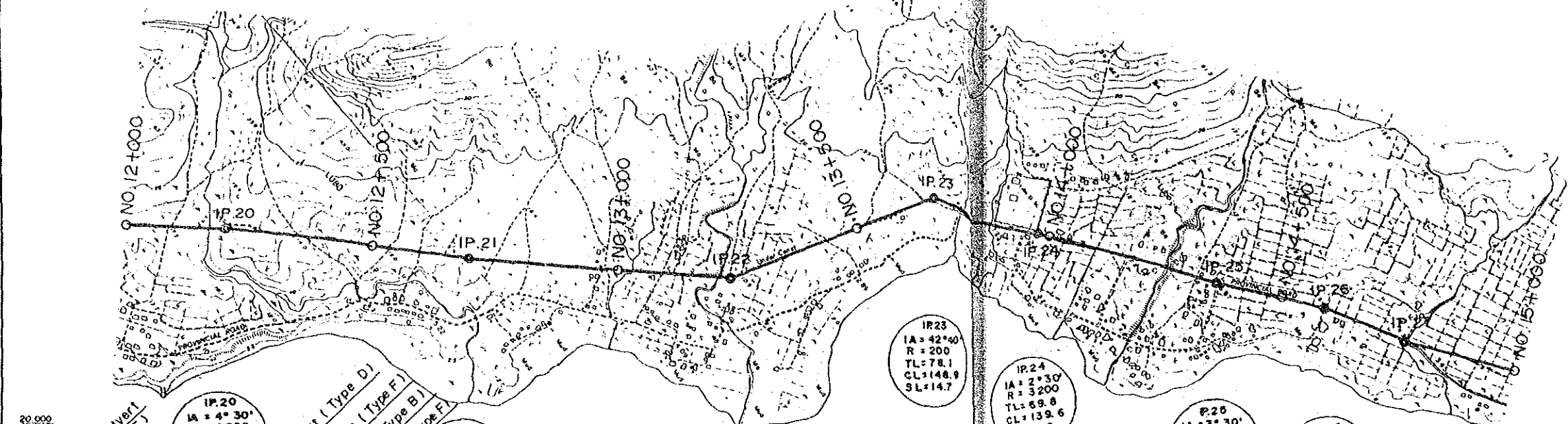
IP.15
 IA = 10° 0'
 R = 800
 TL = 70.0
 CL = 139.6
 SL = 3.1

IP.14
 IA = 2° 50'
 R = 2800
 TL = 69.2
 CL = 138.5
 SL = 0.9

IP.13
 IA = 3° 10'
 R = 2500
 TL = 69.1
 CL = 138.2
 SL = 1.0

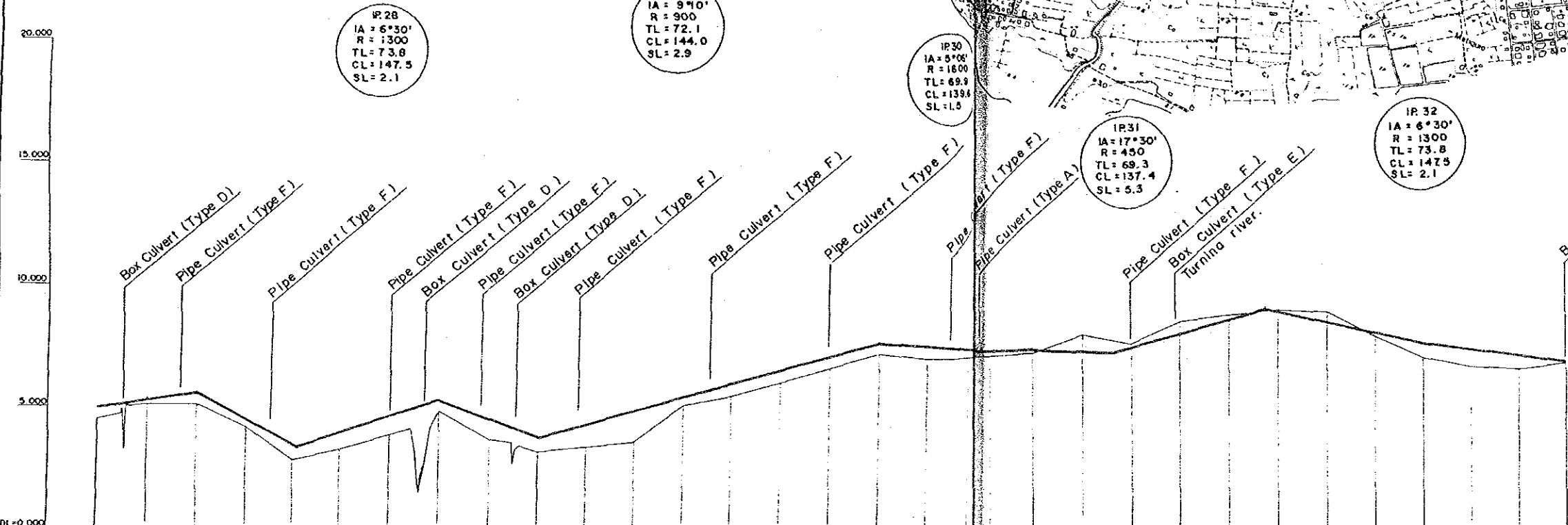
GRADE	1:0.300% L=200m		1:1.525% L=200m		1:0.575% L=460m		1:4.275% L=110m		1:0.300% L=350m		1:1.100% L=200m		1:1.508% L=600m		1:1.800% L=500m		1:1.000% L=300m	
GRADE	0.39	0.64	0.23	0.67	0.96	0.21	0.47	0.35	0.30	1.50	0.70	0.00	0.18	2.59	0.56	2.11	0.74	2.26
HEIGHT																		
DEPTH																		
PERCENT	10.80	10.30	10.20	11.65	13.25	12.70	12.10	11.60	11.00	10.50	8.90	5.80	7.30	9.90	10.10	10.40	10.70	11.00
ELEVATION	10.21	9.86	9.95	10.88	12.69	12.49	11.81	11.25	11.47	10.20	9.19	4.30	1.83	9.90	10.57	10.22	8.13	10.44
STATION	9000.0	9100.0	9200.0	9300.0	9400.0	9500.0	9600.0	9700.0	9800.0	9860.0	9900.0	9970.0	10000.0	10030.0	10100.0	10200.0	10300.0	10400.0
CURVE	IP.13 R=2500		IP.14 R=2800		IP.15 R=800		IP.16 R=4800		IP.17 R=250		IP.18 R=1100		IP.19 R=300					

THE REPUBLIC OF THE PHILIPPINES
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 INTEGRATED JALA-JALA RURAL DEVELOPMENT PROJECT
 TITLE OF DRAWING
GENERAL LAYOUT OF TRUNK ROAD
 NO. 9 TO NO. 12
 JAPAN INTERNATIONAL COOPERATION AGENCY
 DWG NO. 15-4



GRADE	1 = 0.320% L = 500m		1 = 2.425% L = 200m		1 = 0.300% L = 300m		1 = 0.000% L = 100m		1 = 0.750% L = 100m		1 = 1.000% L = 100m		1 = 1.125% L = 200m		1 = 1.350% L = 200m		1 = 0.300% L = 400m		1 = 1.041% L = 393m		1 = 0.299% L = 435m	
MARK HEIGHT (M)		2.34	0.01	2.10	1.70	0.58		1.01	2.01		0.34	1.19	0.14	0.00	1.46	0.76	0.67	1.19	0.85	0.71	0.30	0.33
VERT HEIGHT (M)	0.62	1.97	0.83	0.96		0.92	0.02	0.50	0.47	0.07	1.19	1.81		0.04	6.90	7.20	7.30	7.80	8.10	7.10	6.03	5.00
FINISH SURFACE ELEVATION (M)	16.20	15.90	15.50	15.20	14.90	14.90	12.20	9.75	9.45	9.13	8.93	10.93	8.10	11.10	10.00	8.83	10.20	11.05	11.05	8.40	6.90	7.20
EXISTING GROUND ELEVATION (M)	16.82	17.37	16.03	16.16	12.56	14.39	10.10	8.03	10.37	8.57	8.87	11.35	7.09	11.37	10.07	6.64	11.39	13.06	13.06	8.44	6.36	6.01
DISTANCE (M)	100.0	1200.0	100.0	1200.0	100.0	1200.0	100.0	12600.0	100.0	12700.0	100.0	12800.0	100.0	12900.0	100.0	13000.0	100.0	13100.0	100.0	13200.0	100.0	13300.0
PROPOSED DISTANCE (M)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
STATION	12+000	13+000	14+000	15+000	16+000	17+000	18+000	19+000	20+000	21+000	22+000	23+000	24+000	25+000	26+000	27+000	28+000	29+000	30+000	31+000	32+000	33+000
CURVE	IP 20 R = 1800		IP 21 R = 2300		IP 22 R = 300		IP 23 R = 200		IP 24 R = 3200		IP 25 R = 2300		IP 26 R = 800		IP 27 R = 1300							

THE REPUBLIC OF THE PHILIPPINES
 DEPARTMENT OF AGRARIAN REFORM
 INTEGRATED JALA-JALA RURAL DEVELOPMENT PROJECT
 TITLE OF DRAWING
**GENERAL LAYOUT OF TRUNK ROAD
 NO. 12 TO NO. 15**
 JAPAN INTERNATIONAL COOPERATION AGENCY
 DWG NO.
15 - 5



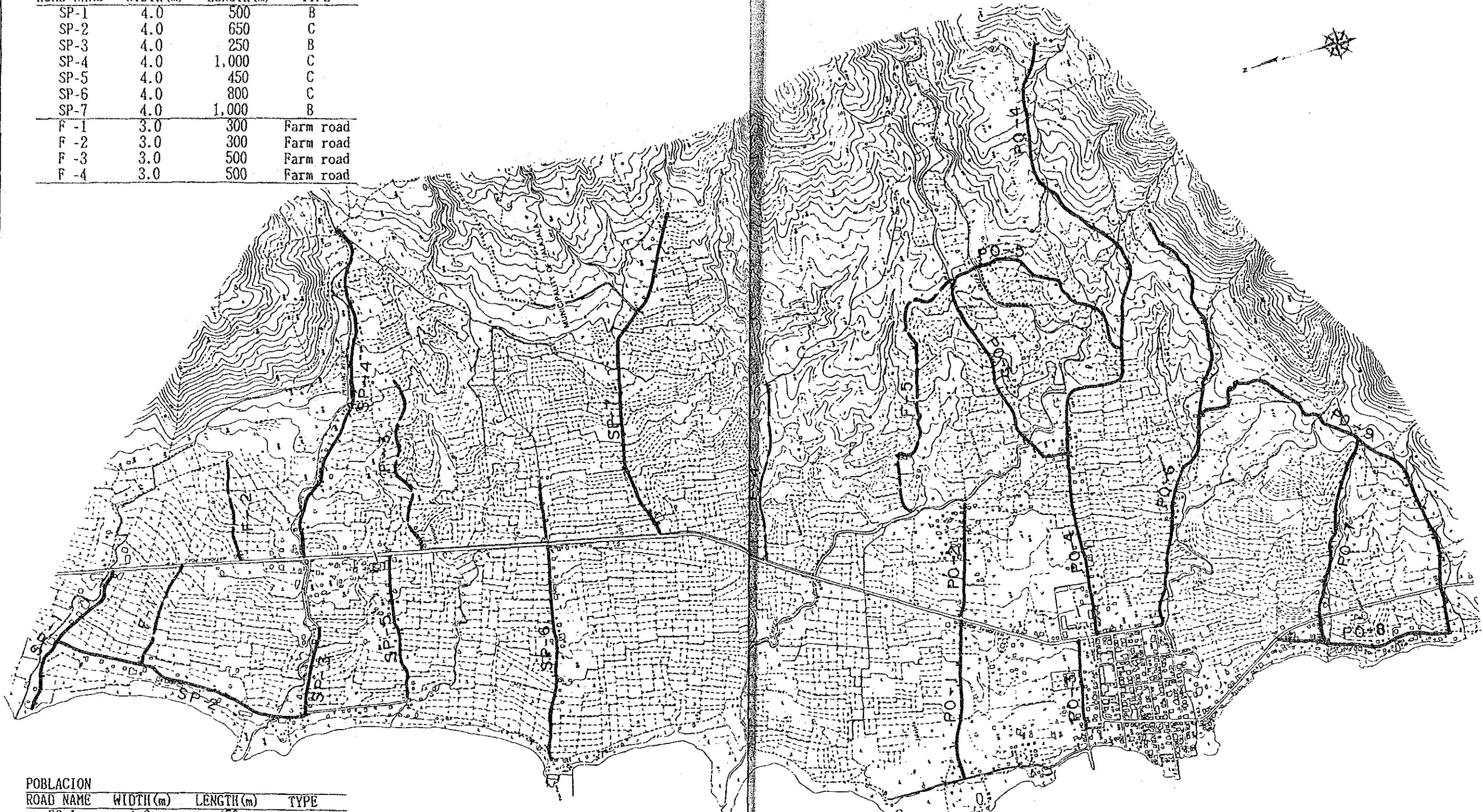
PAVEMENT SURFACE ELEVATION	1+0.299% L=435m										1+1.100% L=200m		1+0.683% L=300m		1+0.800% L=200m		1+0.579% L=700m		1+0.148% L=270m		1+0.071% L=150m		1+0.063% L=160m		1+0.548% L=310m		1+0.545% L=330m		1+0.303% L=300m							
PAVEMENT SURFACE ELEVATION	0.53	0.20	0.33	0.27	0.56	0.76	0.83	0.95	0.92	0.94	0.92	1.32	2.43	0.60	0.62	0.52	0.57	0.61	0.43	0.23	0.17	0.62	0.45	0.06	0.50	0.16	0.01	0.36	0.56	0.56	0.64	0.49				
EXISTING GROUND ELEVATION	4.47	5.10	5.07	4.23	2.84	3.32	3.92	4.90	3.73	3.31	3.48	3.68	5.17	5.60	6.18	6.83	7.33	7.90	7.80	7.45	7.55	7.43	8.17	7.96	7.78	8.70	8.96	9.10	9.20	9.70	9.06	8.04	7.82	6.86	6.71	6.89
STATION	15+000	15+100	15+200	15+300	15+400	15+500	15+600	15+700	15+800	15+900	16+000	16+100	16+200	16+300	16+400	16+500	16+600	16+700	16+800	16+900	17+000	17+100	17+200	17+300	17+400	17+500	17+600	17+700	17+800	17+900	18+000	18+100	18+200	18+300	18+400	

THE REPUBLIC OF THE PHILIPPINES
 DEPARTMENT OF AGRARIAN REFORM
 INTEGRATED JALA-JALA RURAL DEVELOPMENT PROJECT
 TITLE OF DRAWING
 GENERAL LAYOUT OF TRUNK ROAD
 NO. 15 TO NO. 18 + 100 M
 DWG NO.
 15-6

JAPAN INTERNATIONAL COOPERATION AGENCY

SIPSIPIN

ROAD NAME	WIDTH(m)	LENGTH(m)	TYPE
SP-1	4.0	500	B
SP-2	4.0	650	C
SP-3	4.0	250	B
SP-4	4.0	1,000	C
SP-5	4.0	450	C
SP-6	4.0	800	C
SP-7	4.0	1,000	B
F-1	3.0	300	Farm road
F-2	3.0	300	Farm road
F-3	3.0	500	Farm road
F-4	3.0	500	Farm road

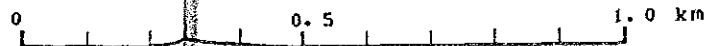


POBLACION

ROAD NAME	WIDTH(m)	LENGTH(m)	TYPE
PO-1	4.0	450	C
PO-2	4.0	330	B
PO-3	4.0	200	B
PO-4	4.0	2,000	B
PO-5	4.0	1,300	C
PO-6	4.0	550	B
	4.0	750	C
PO-7	4.0	600	B
PO-8	4.0	500	B
PO-9	4.0	500	B
	4.0	750	C
F-5	3.0	300	Farm road

LEGEND

—— FEEDER ROAD
 - - - FARM ROAD

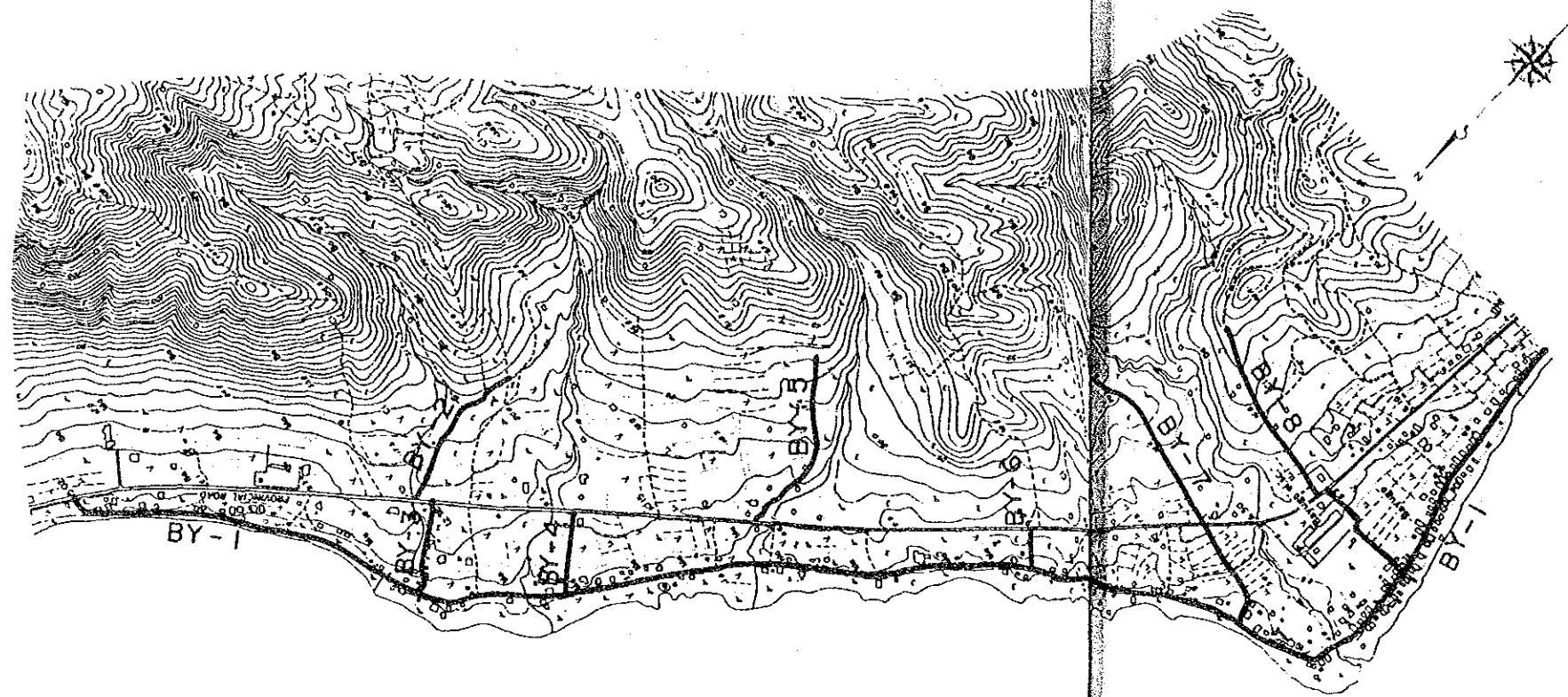


SCALE

THE REPUBLIC OF THE PHILIPPINES
 DEPARTMENT OF AGRARIAN REFORM
 INTEGRATED JALA-JALA RURAL DEVELOPMENT PROJECT
 TITLE OF DRAWING
 GENERAL LAYOUT OF FEEDER ROAD
 SIPSIPIN, POBLACION

JAPAN INTERNATIONAL COOPERATION AGENCY

DWG NO.
 16-1



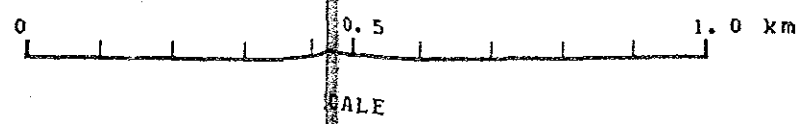
BAYUGO			
ROAD NAME	WIDTH (m)	LENGTH (m)	TYPE
BY-1	4.0	4,000	B
BY-2	4.0	250	C
BY-3	4.0	150	C
BY-4	4.0	130	C
BY-5	4.0	250	C
BY-6	4.0	70	B
BY-7	4.0	600	C
BY-8	4.0	470	C
BY-9	4.0	470	B
BY-10	4.0	570	C
BY-11	4.0	680	C
BY-12	4.0	500	C

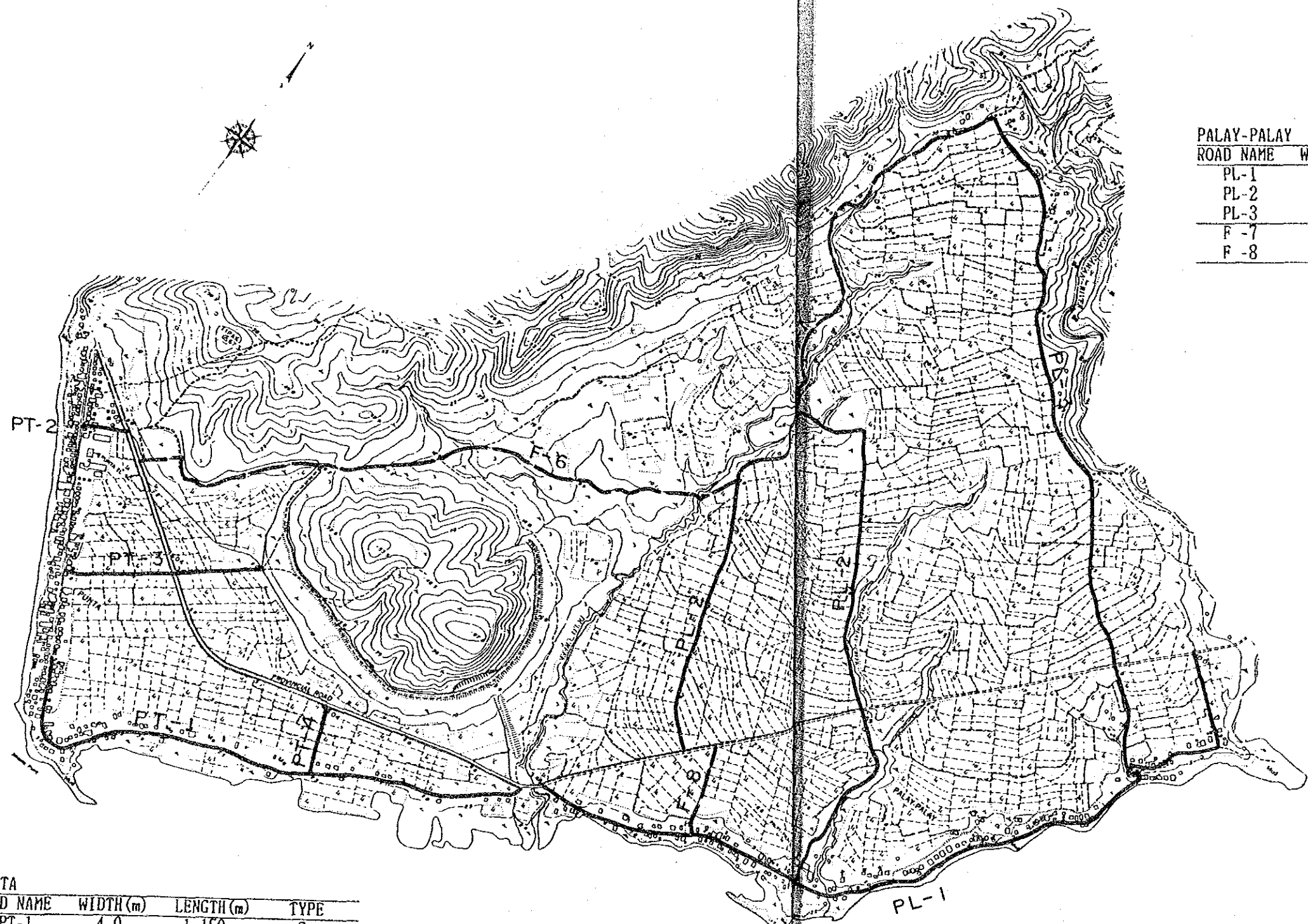


LEGEND

- FEEDER ROAD
- FARM ROAD

THE REPUBLIC OF THE PHILIPPINES DEPARTMENT OF AGRARIAN REFORM INTEGRATED JALA-JALA RURAL DEVELOPMENT PROJECT TITLE OF DRAWING GENERAL LAYOUT OF FEEDER ROAD BAYUGO	
JAPAN INTERNATIONAL COOPERATION AGENCY	DWG NO. 16 - 2

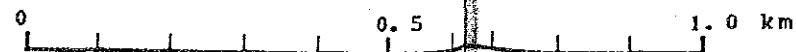




PALAY-PALAY			
ROAD NAME	WIDTH (m)	LENGTH (m)	TYPE
PL-1	4.0	1,650	C
PL-2	4.0	2,200	C
PL-3	4.0	1,500	B
F-7	3.0	900	Farm road
F-8	3.0	200	Farm road

PUNTA			
ROAD NAME	WIDTH (m)	LENGTH (m)	TYPE
PT-1	4.0	1,150	C
PT-2	4.0	100	C
PT-3	6.0	440	A
PT-4	6.0	150	A
PT-5	4.0	700	C
F-6	3.0	1,350	Farm road

LEGEND
 ——— FEEDER ROAD
 - - - FARM ROAD



SCALE

THE REPUBLIC OF THE PHILIPPINES DEPARTMENT OF AGRARIAN REFORM INTEGRATED JALA-JALA RURAL DEVELOPMENT PROJECT	
TITLE OF DRAWING GENERAL LAYOUT OF FEEDER ROAD PUNTA, PALAY-PALAY	
JAPAN INTERNATIONAL COOPERATION AGENCY	DWG NO. 16-3

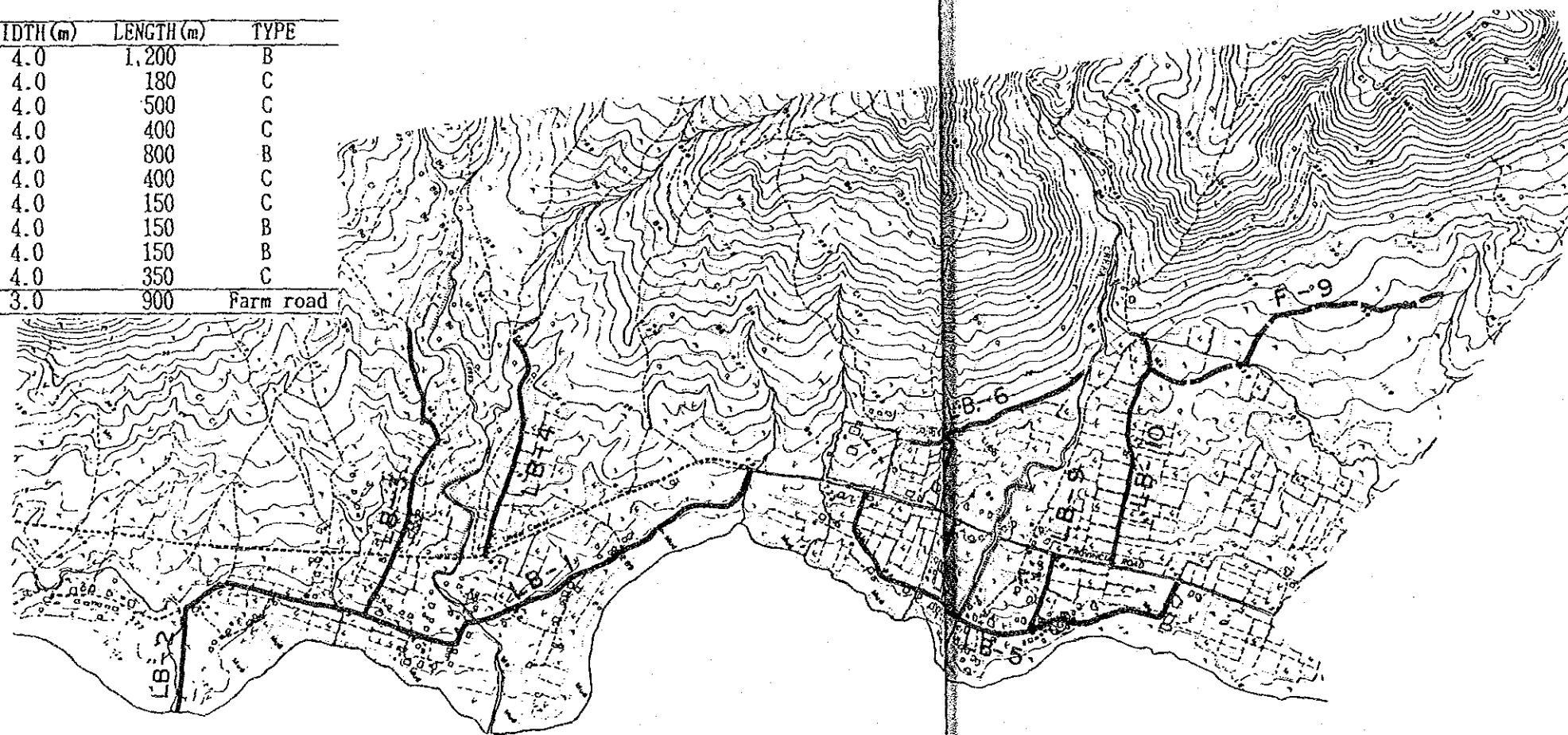
PAGKALINAWAN

ROAD NAME	WIDTH (m)	LENGTH (m)	TYPE
PG-1	4.0	2,500	B
PG-2	4.0	110	B
PG-3	4.0	340	C
PG-4	4.0	320	C
PG-5	4.0	350	C



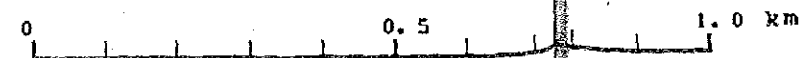
LUBO

ROAD NAME	WIDTH (m)	LENGTH (m)	TYPE
LB-1	4.0	1,200	B
LB-2	4.0	180	C
LB-3	4.0	500	C
LB-4	4.0	400	C
LB-5	4.0	800	B
LB-6	4.0	400	C
LB-7	4.0	150	C
LB-8	4.0	150	B
LB-9	4.0	150	B
LB-10	4.0	350	C
F-9	3.0	900	Farm road



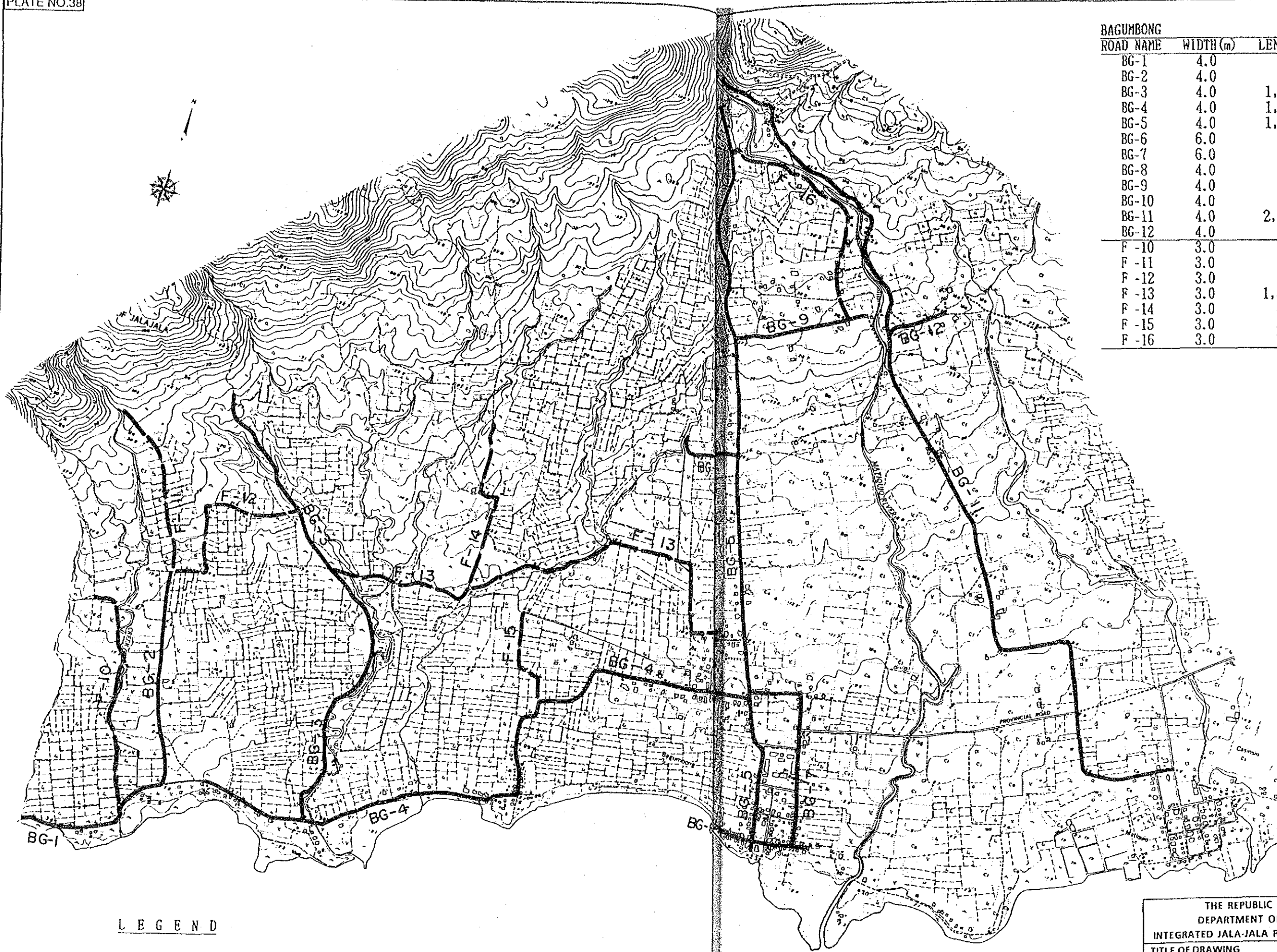
LEGEND

- FEEDER ROAD
- FARM ROAD



SCALE

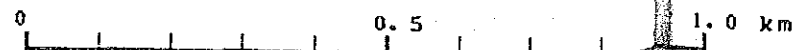
THE REPUBLIC OF THE PHILIPPINES DEPARTMENT OF AGRARIAN REFORM INTEGRATED JALA-JALA RURAL DEVELOPMENT PROJECT	
TITLE OF DRAWING GENERAL LAYOUT OF FEEDER ROAD PAGKALINAWAN, LUBO	
JAPAN INTERNATIONAL COOPERATION AGENCY	DWG NO. 16 - 4



BAGUMBONG			
ROAD NAME	WIDTH (m)	LENGTH (m)	TYPE
BG-1	4.0	300	B
BG-2	4.0	600	C
BG-3	4.0	1,100	C
BG-4	4.0	1,900	B
BG-5	4.0	1,400	B
BG-6	6.0	260	A
BG-7	6.0	570	A
BG-8	4.0	250	C
BG-9	4.0	380	B
BG-10	4.0	700	C
BG-11	4.0	2,600	B
BG-12	4.0	160	B
F-10	3.0	600	Farm road
F-11	3.0	500	Farm road
F-12	3.0	500	Farm road
F-13	3.0	1,300	Farm road
F-14	3.0	450	Farm road
F-15	3.0	300	Farm road
F-16	3.0	700	Farm road

LEGEND

- FEEDER ROAD
- FARM ROAD



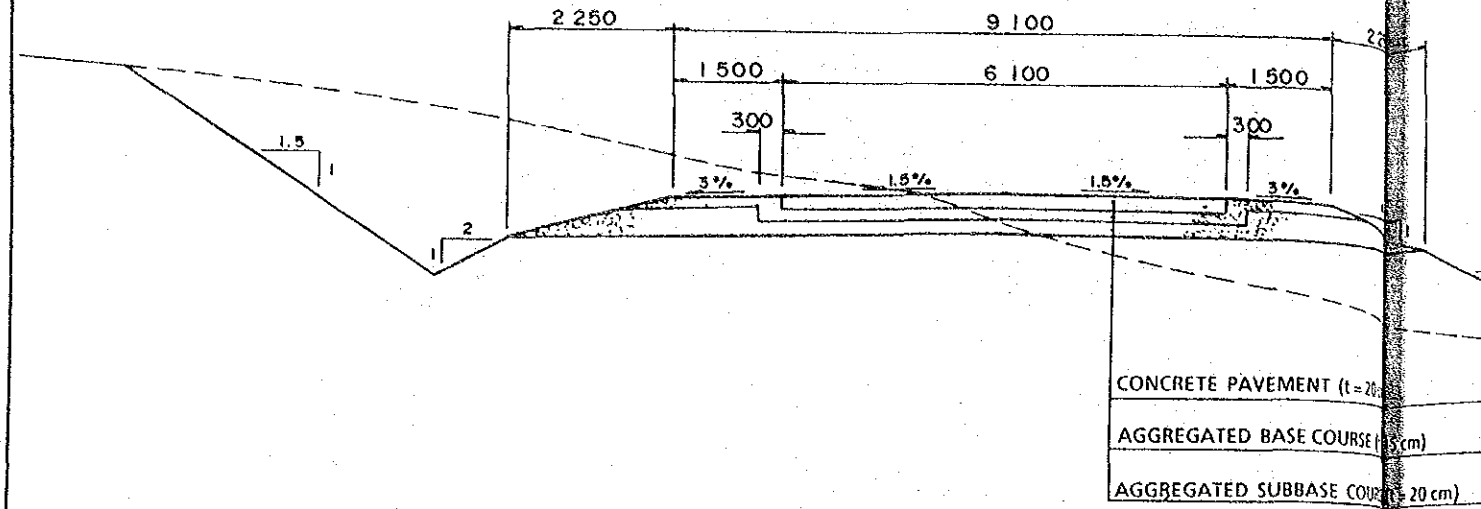
SCALE

THE REPUBLIC OF THE PHILIPPINES
 DEPARTMENT OF AGRARIAN REFORM
 INTEGRATED JALA-JALA RURAL DEVELOPMENT PROJECT
 TITLE OF DRAWING
GENERAL LAYOUT OF FEEDER ROAD
BAGUMBONG

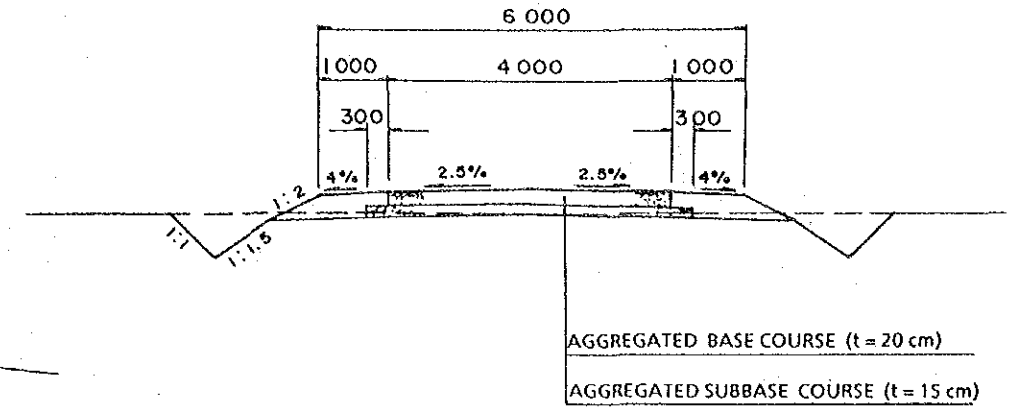
JAPAN INTERNATIONAL COOPERATION AGENCY

DWG NO.
16 - 5

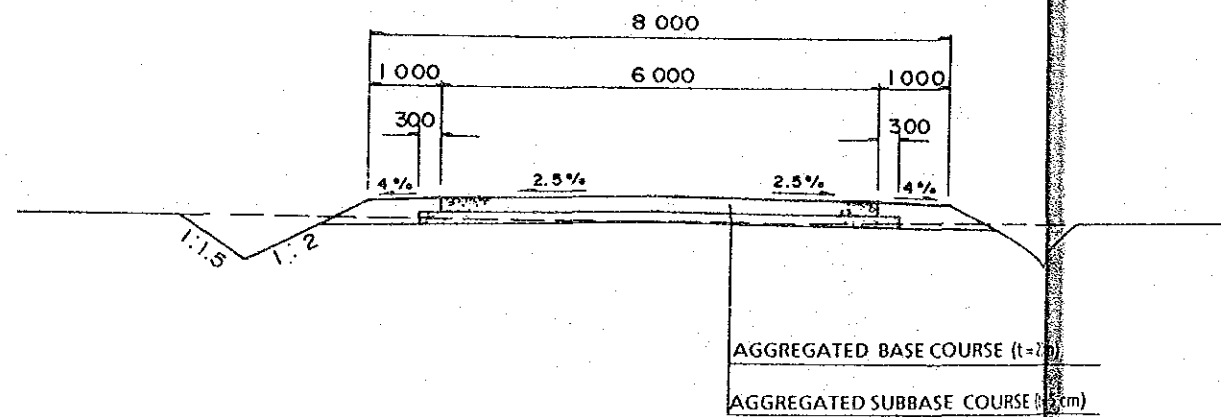
Trunk Road



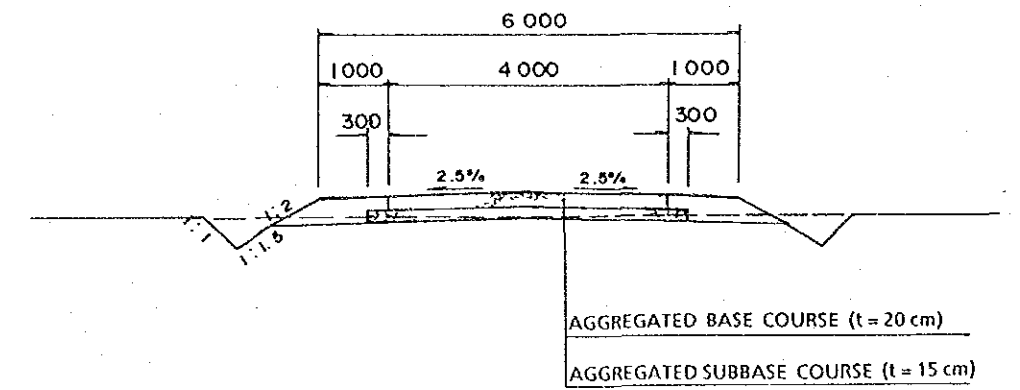
FEEDER ROAD (TYPE B)



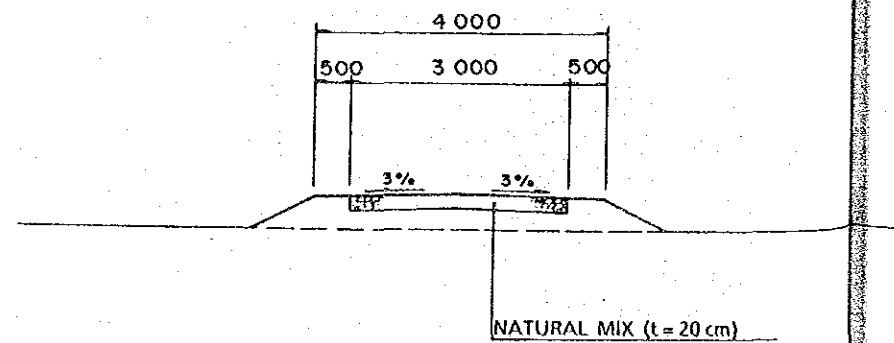
FEEDER ROAD (TYPE A)



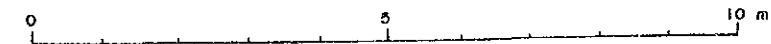
FEEDER ROAD (TYPE C)



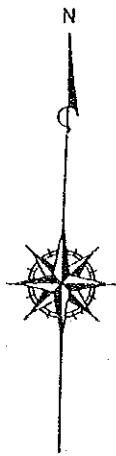
FARM ROAD



SCALE



THE REPUBLIC OF THE PHILIPPINES DEPARTMENT OF AGRARIAN REFORM INTEGRATED JALA-JALA RURAL DEVELOPMENT PROJECT	
TITLE OF DRAWING TYPICAL CROSS-SECTION OF ROAD	
JAPAN INTERNATIONAL COOPERATION AGENCY	DWG NO. 17



Level-I	3 units
Level-II	—

Sipsipin

TO SINLOAN

Level-I	2 units
Level-II	2 units

Bagumbong

Level-I	2 units
Level-II	—

Paalaman

Level-I	2 units
Level-II	—

Lubo

LEGEND

- Level I; Well Type
- Level I; Spring Type
- ⊙ Level II; Well & Pipeline

Level-I	3 units
Level-II	1 unit

Bayugo

Level-I	2 units
Level-II	—

Pagkalinawan

Liano

Level-I	3 units
Level-II	—

Palay-Palay

Level-I	1 unit
Level-II	1 unit

Punta

	Level-I	Level-II
Sipsipin	3	0
Bayugo	3	1
Punta	1	1
Palay-Palay	3	0
Pagkalinawan	2	0
Lubo	2	0
Bagumbong	2	2
Paalaman	2	0
Total	18	4

THE REPUBLIC OF THE PHILIPPINES DEPARTMENT OF AGRARIAN REFORM INTEGRATED JALA-JALA RURAL DEVELOPMENT PROJECT	
TITLE OF DRAWING LOCATION MAP OF RURAL WATER SUPPLY FACILITIES	
JAPAN INTERNATIONAL COOPERATION AGENCY	DWG NO. 18

PLAN OF BAYUGO LEVEL II RURAL WATER SUPPLY SYSTEM (1/2)

S = 1 : 2,500

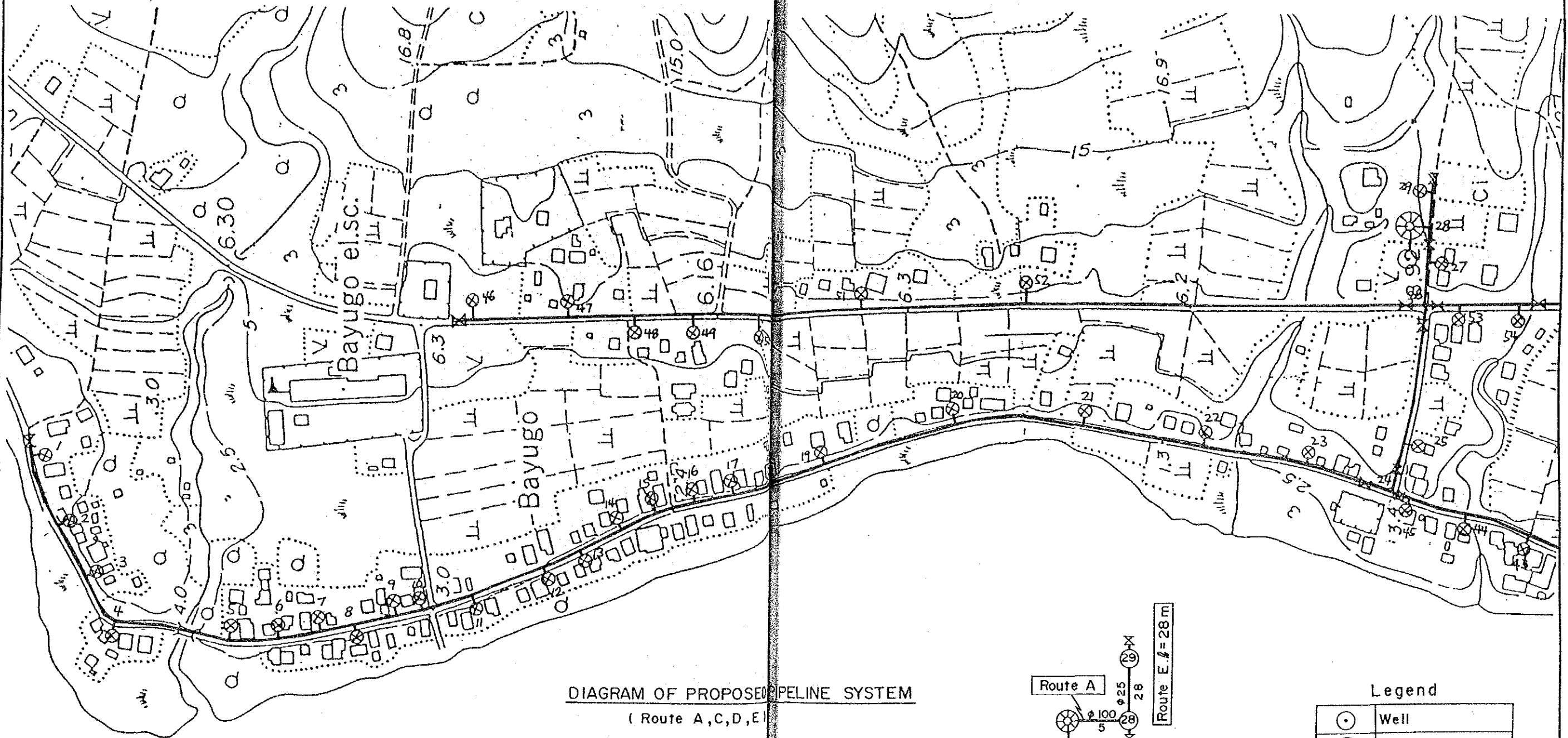
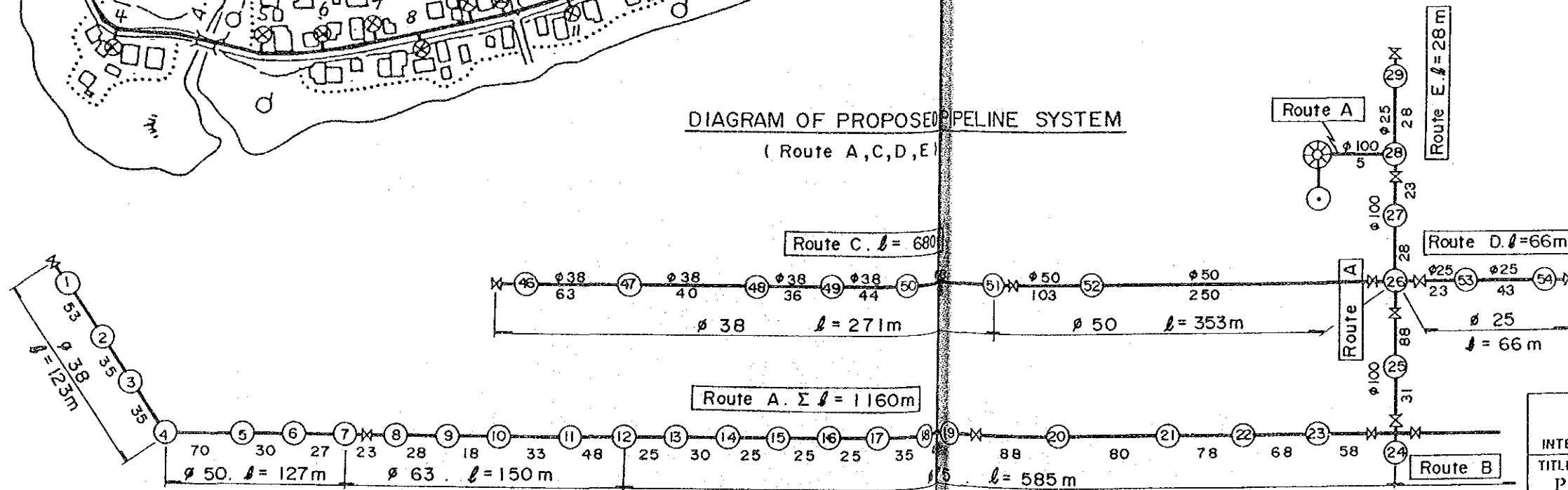


DIAGRAM OF PROPOSED PIPELINE SYSTEM

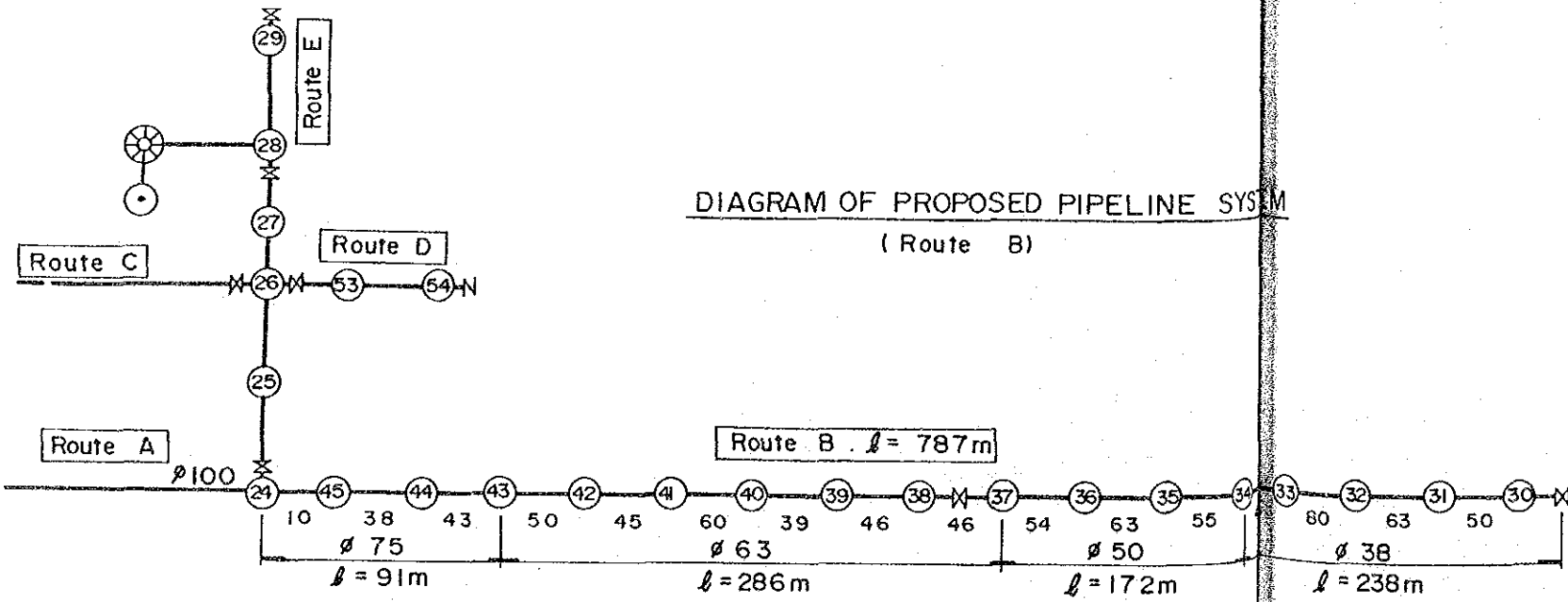
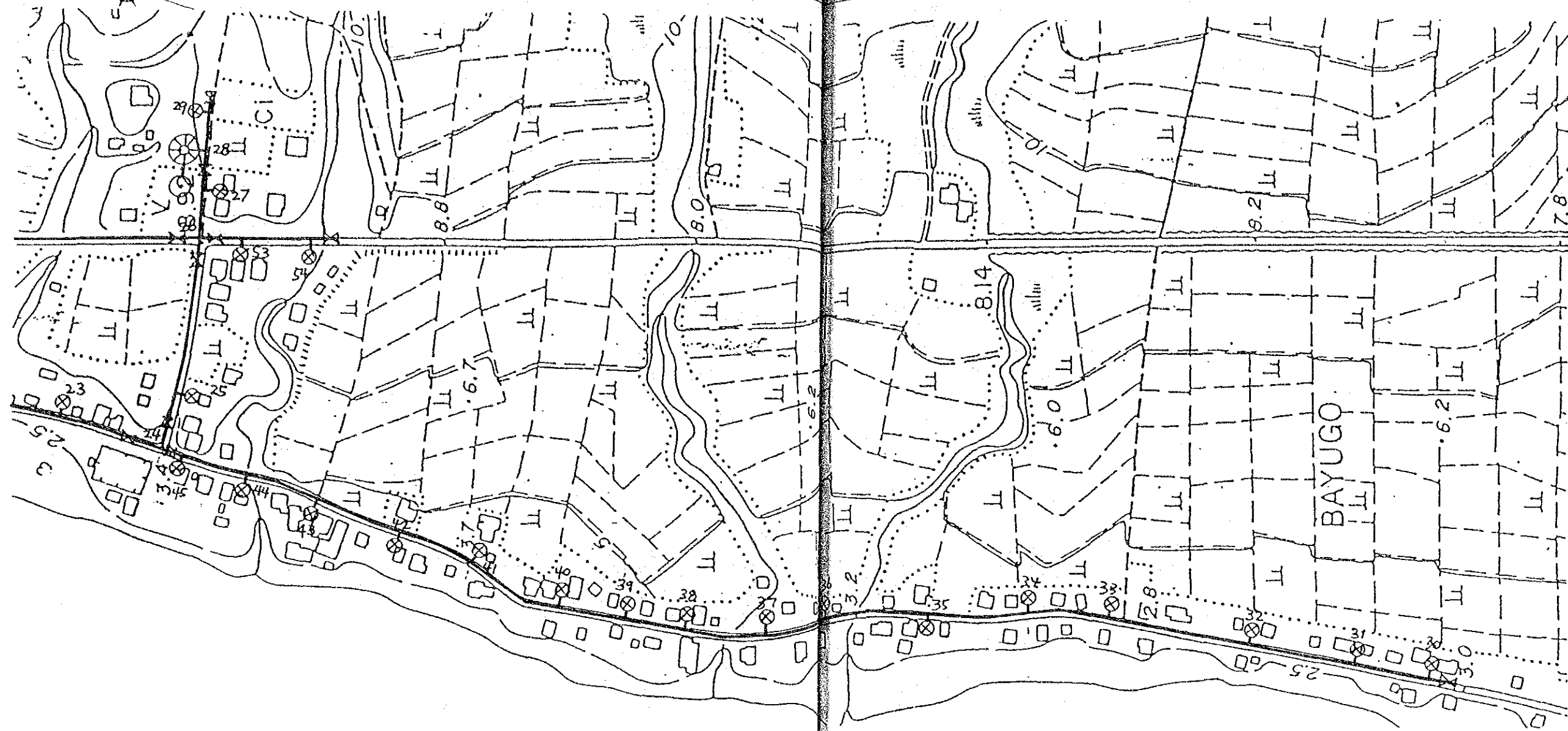
(Route A, C, D, E)



Legend

	Well
	Storage Tank
	Communal Faucet
	Gate Valve
φ 50	Pipe Diameter (mm)
250	Pipe Length (m)

THE REPUBLIC OF THE PHILIPPINES
 DEPARTMENT OF AGRARIAN REFORM
 INTEGRATED JALA-JALA RURAL DEVELOPMENT PROJECT
 TITLE OF DRAWING
**PLAN OF WATER SUPPLY SYSTEM
 BAYUGO (SHEET 1 OF 2)**
 JAPAN INTERNATIONAL COOPERATION AGENCY
 DWG NO.
19-1



Legend

	Well
	Storage Tank
	Communal Faucet
	Gate Valve
ϕ 50	Pipe Diameter(mm)
l=172	Pipe Length (m)

THE REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF AGRARIAN REFORM
INTEGRATED JALA-JALA RURAL DEVELOPMENT PROJECT

TITLE OF DRAWING
PLAN OF WATER SUPPLY SYSTEM
BAYUGO (SHEET 2 OF 2)

JAPAN INTERNATIONAL COOPERATION AGENCY

DWG NO.
19 - 2

PLAN OF PUNTA LEVEL II RURAL WATER SUPPLY SYSTEM

S = 1 : 4,000

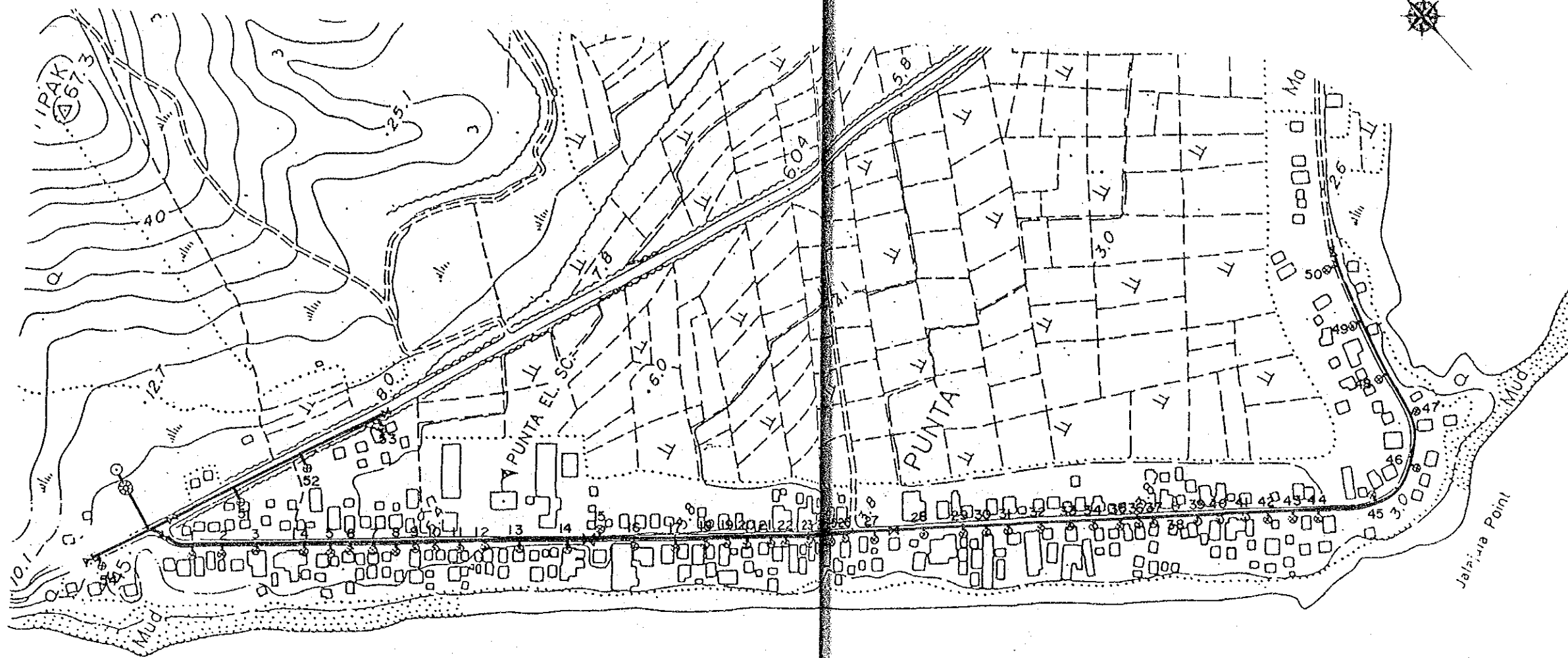
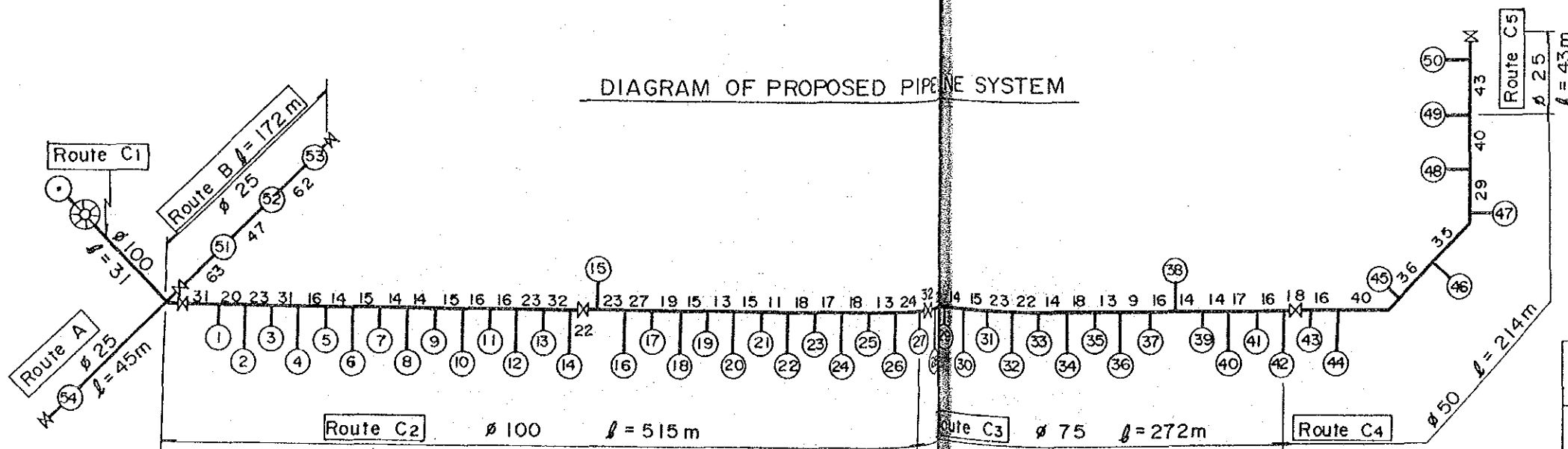


DIAGRAM OF PROPOSED PIPELINE SYSTEM



Legend

	Well
	Storage Tank
	Communal Faucet
	Gate Valve
φ 50	Pipe Diameter(mm)
l = 172	Pipe Length (m)

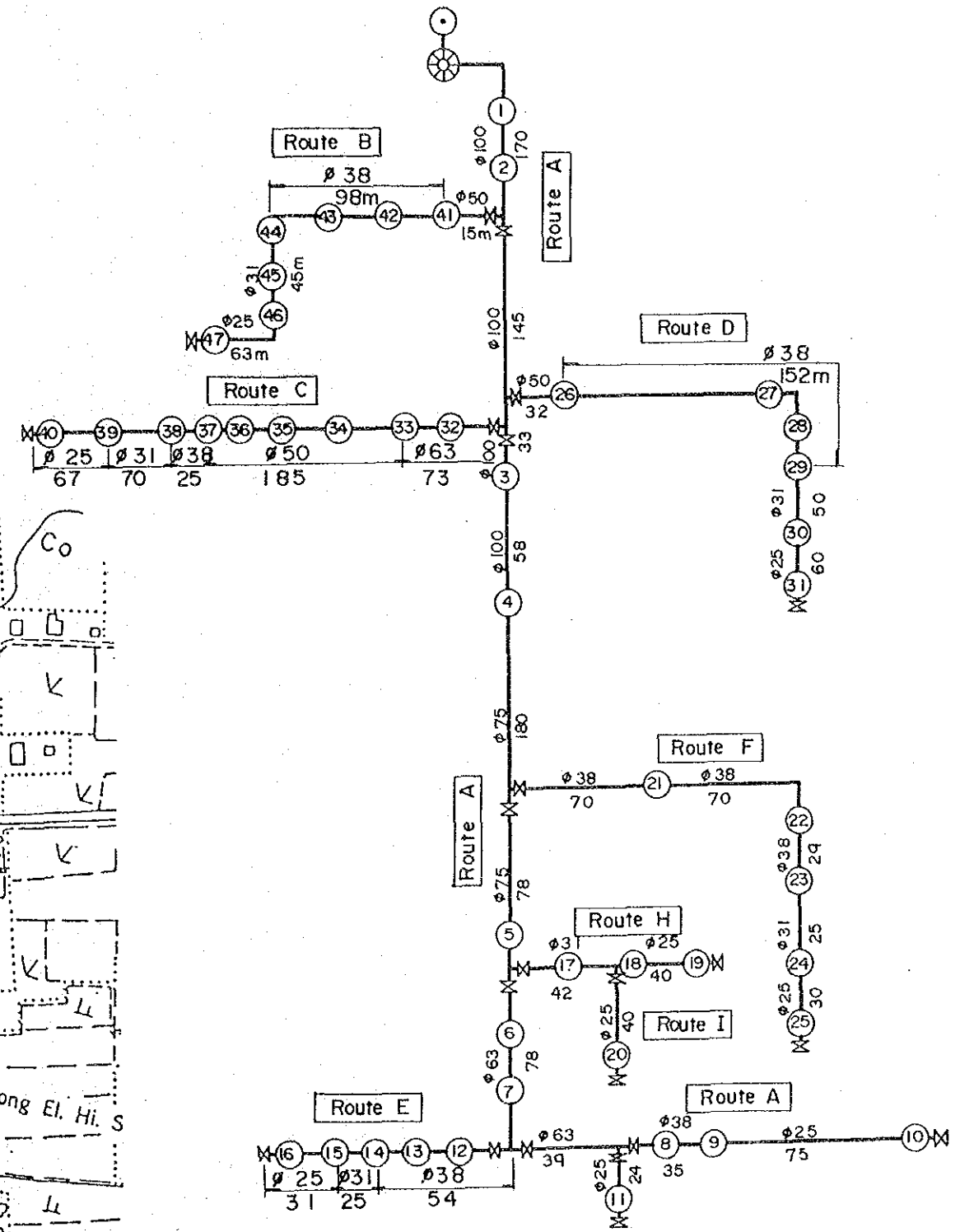
THE REPUBLIC OF THE PHILIPPINES
 DEPARTMENT OF AGRARIAN REFORM
 INTEGRATED JALA-JALA RURAL DEVELOPMENT PROJECT
 TITLE OF DRAWING
PLAN OF WATER SUPPLY SYSTEM
PUNTA

PLAN OF BAGUMBONG LEVEL II RURAL WATER SUPPLY SYSTEM

S = 1 : 3,000



DIAGRAM OF PROPOSED PIPELINE SYSTEM



Legend

	Well
	Storage Tank
	Communal Faucet
	Gate Valve
φ 100	Pipe Diameter(mm)
145	Pipe Length (m)

THE REPUBLIC OF THE PHILIPPINES
 DEPARTMENT OF AGRARIAN REFORM
 INTEGRATED JALA-JALA RURAL DEVELOPMENT PROJECT
 TITLE OF DRAWING
 PLAN OF WATER SUPPLY SYSTEM
 BAGUMBONG NO. 1

PLAN OF BAGUMBONG LEVEL II RURAL WATER SUPPLY SYSTEM
S = 1 : 2500

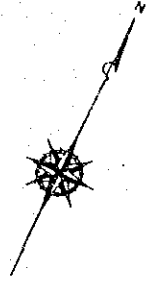
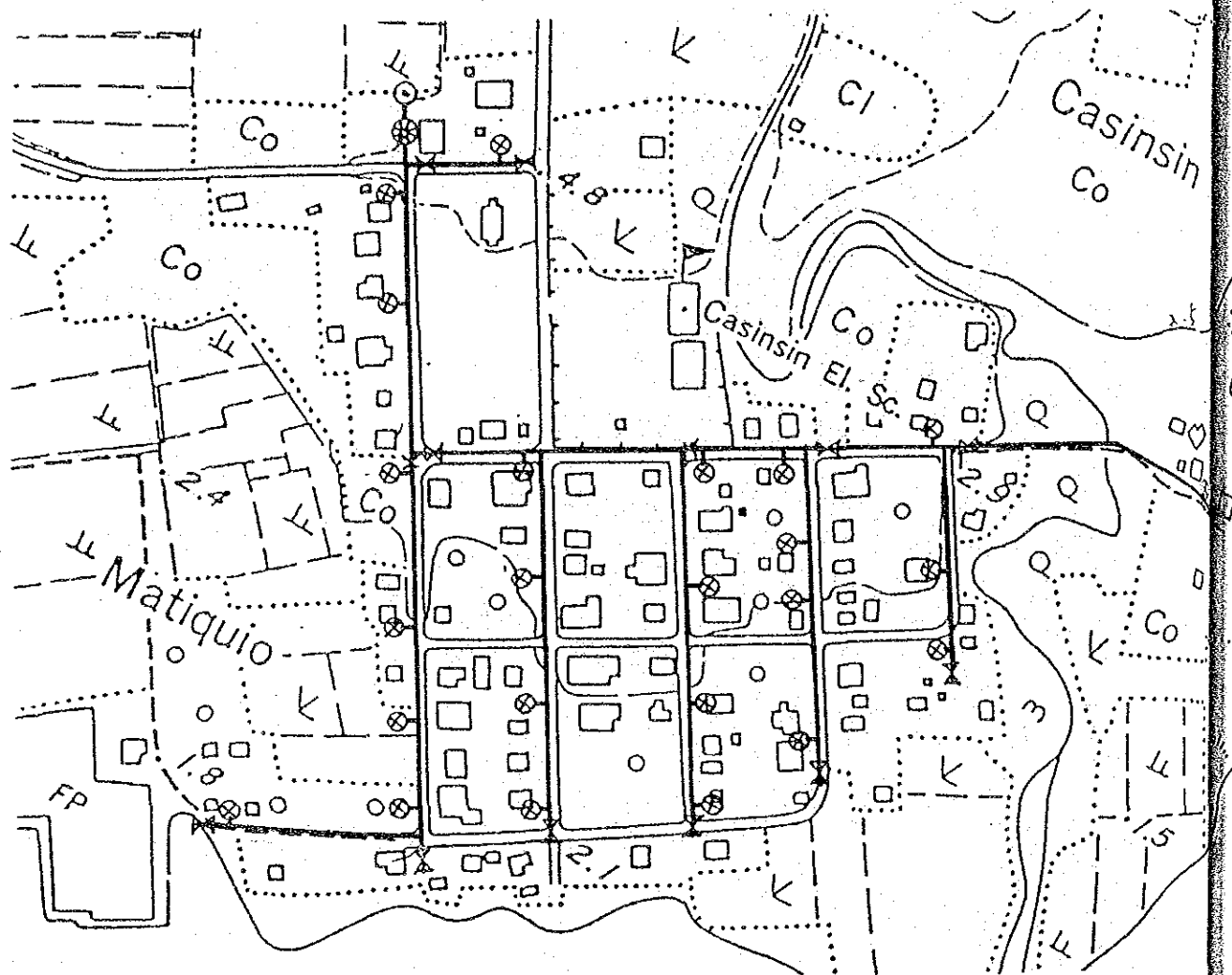
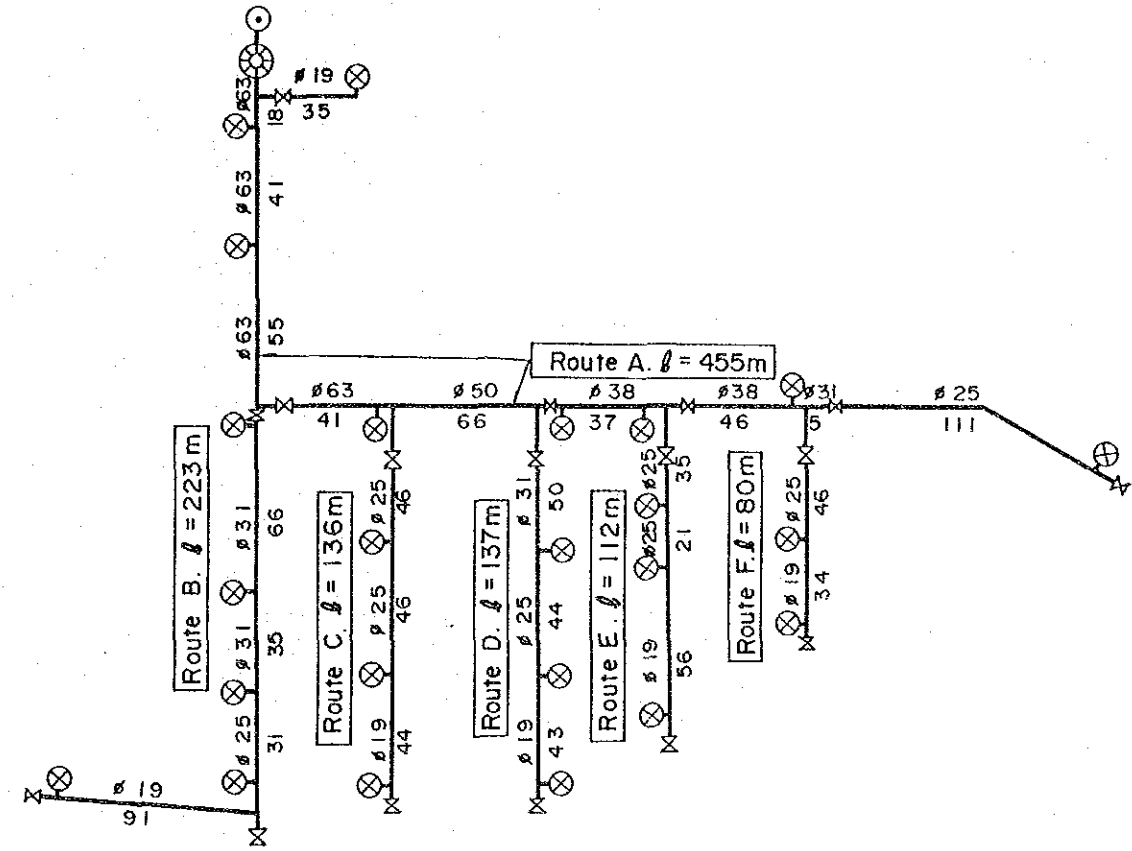


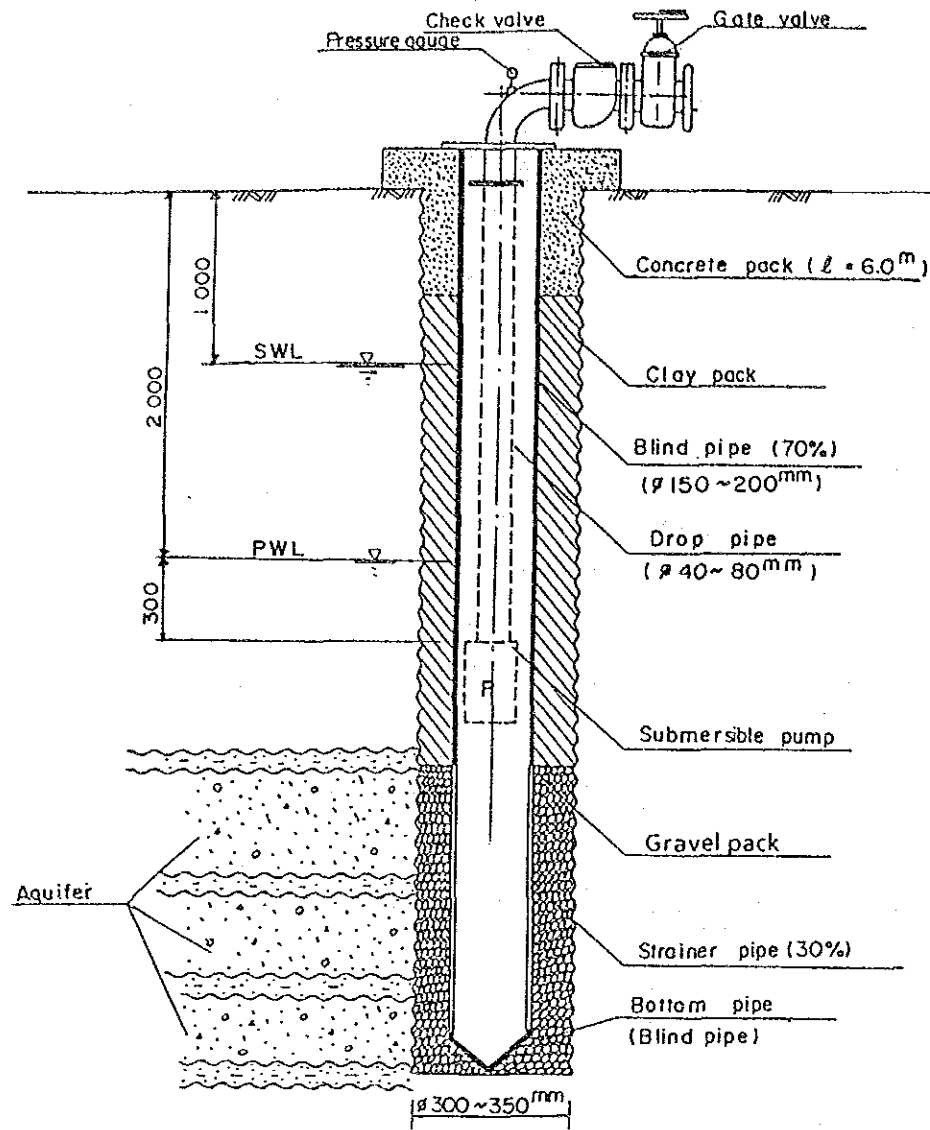
DIAGRAM OF PROPOSED PIPELINE SYSTEM



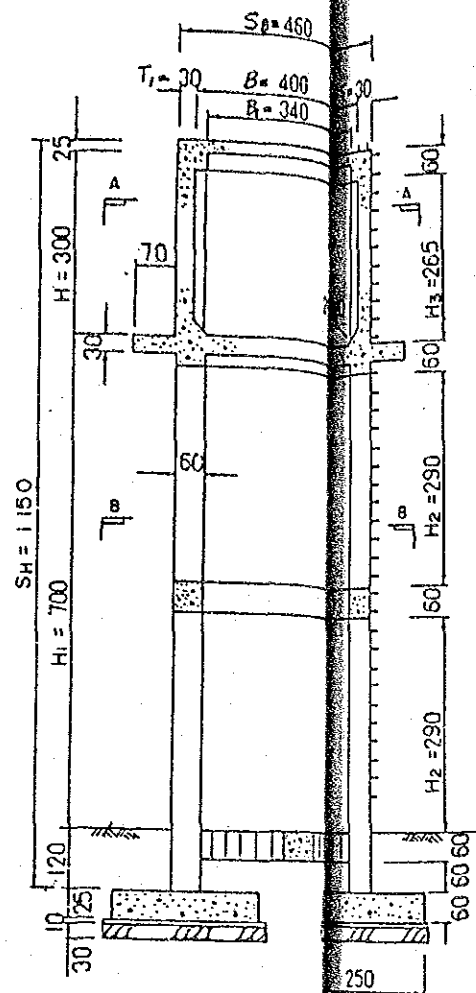
Legend

	Well
	Storage Tank
	Communal Faucet
	Gate Valve
φ 63	Pipe Diameter(mm)
41	Pipe Length (m)

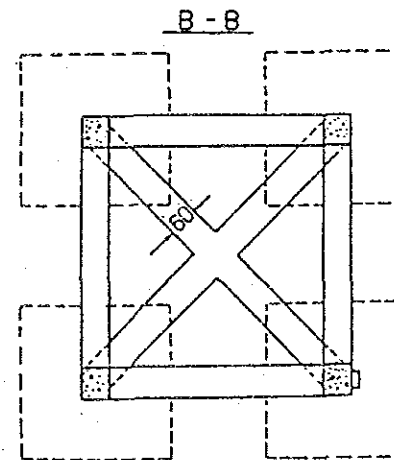
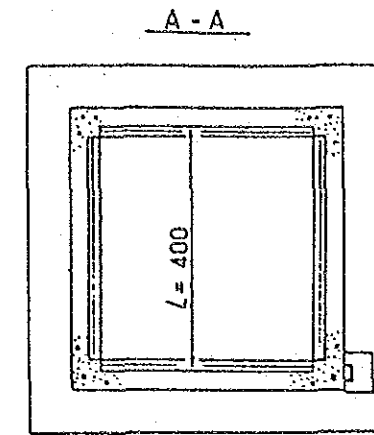
THE REPUBLIC OF THE PHILIPPINES DEPARTMENT OF AGRARIAN REFORM INTEGRATED JALA-JALA RURAL DEVELOPMENT PROJECT	
TITLE OF DRAWING PLAN OF WATER SUPPLY SYSTEM BAGUMBONG NO. 2	
JAPAN INTERNATIONAL COOPERATION AGENCY	DWG NO. 19 - 5



TYPICAL SECTION OF DEEP WELL



TYPICAL SECTION OF WATER TANK



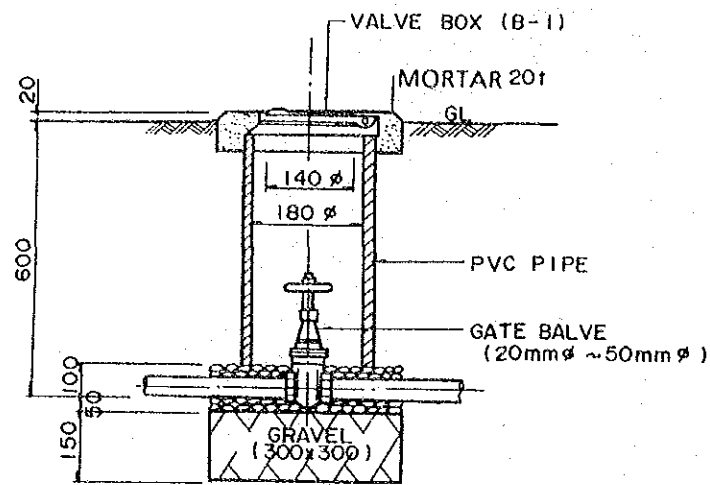
	I	II	III	IV	V
Volume (m ³)	10	20	40	70	
B (m)	2	3	4	5	
L	2	3	4	5	
H	2.5	2.5	3	3	
H1	5	6	7	9	
H2	2.1	2.5	2.9	3.7	
H3	2.3	2.25	2.65	2.5	

	I	II	III	IV
Volume (m ³)	10	20	40	70
T1 (m)	0.25	0.3	0.3	0.4
T2	0.2	0.25	0.25	0.3
T3	0.4	0.5	0.6	0.8
B1	1.7	2.6	3.4	4.2
B2	1.5	2.0	2.5	3.2
SH	8.5	9.8	11.5	14.0
SB	2.5	3.6	4.6	5.8

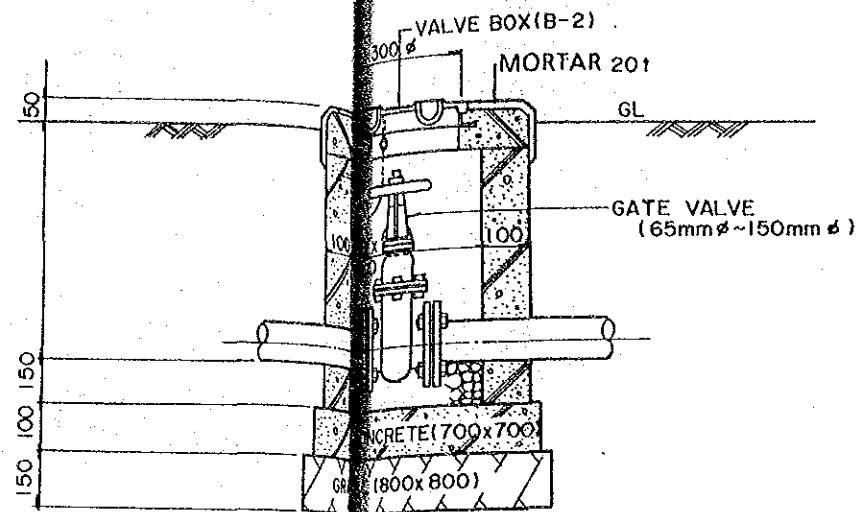
PLAN OF RURAL WATER SUPPLY SYSTEM (LEVEL II)

Location of Level II		BAGMBONG		BAYUGO	PUNTA	
Design Facilities	UNIT	No.1	No.2			
Design Population	Person	1533	660	1518	1755	
Water tank.	Volume	m ³	40	20	40	40
	H.W.L	m	5.0	8.5	5.0	10.0
	L.W.L	m	8.0	6.0	8.0	7.0
No. of Public Fausets	NOS	47	24	51	54	
Pump Facilities	Capacity	m ³ / min	2.4	1.2	3.0	3.0
	B H P	HP(Kw)	5 (3.7)	2 (1.5)	5 (3.7)	5 (3.7)
	T D H	m	50	30	30	35

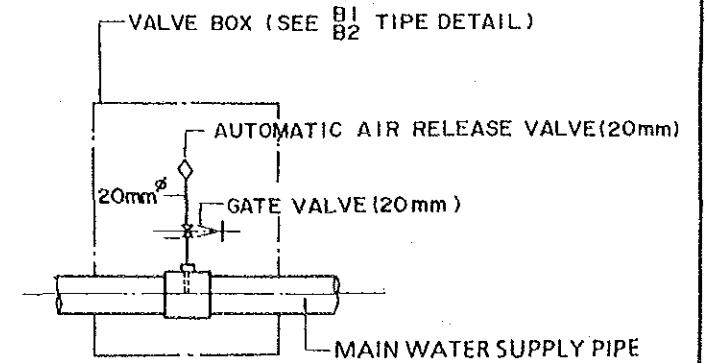
THE REPUBLIC OF THE PHILIPPINES
 DEPARTMENT OF AGRARIAN REFORM
 INTEGRATED JALA-JALA RURAL DEVELOPMENT PROJECT
 TITLE OF DRAWING
WATER SUPPLY FACILITIES
 (LEVEL-II: WELL, WATER TANK)
 JAPAN INTERNATIONAL COOPERATION AGENCY
 DWG NO.
20 - 1



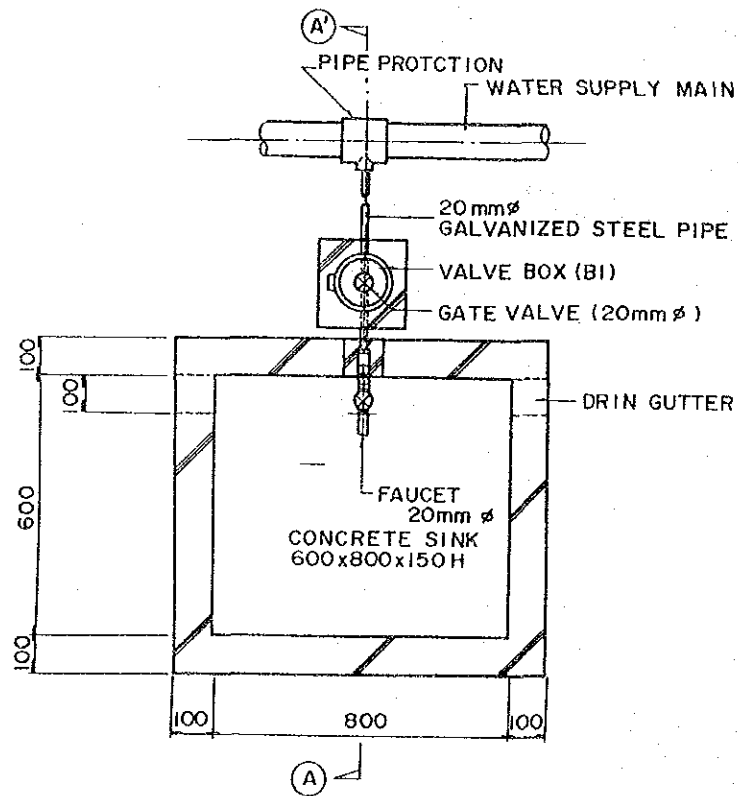
DETAIL OF VALVE BOX
NO SCALE



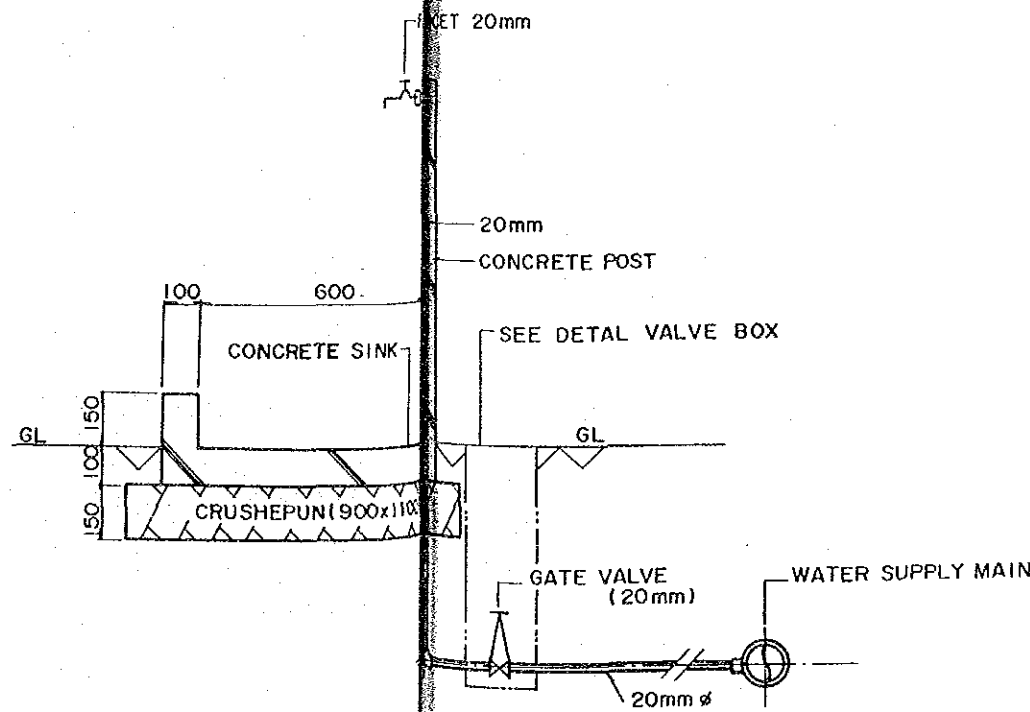
DETAIL OF VALVE BOX
NO SCALE



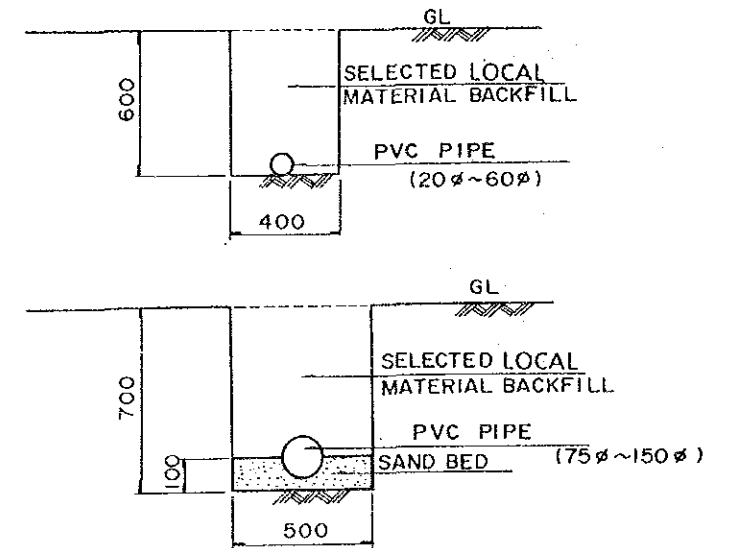
DETAIL OF AIR RELEASE VALVE
NO SCALE



DETAIL OF FAUCET & SINK
NO SCALE

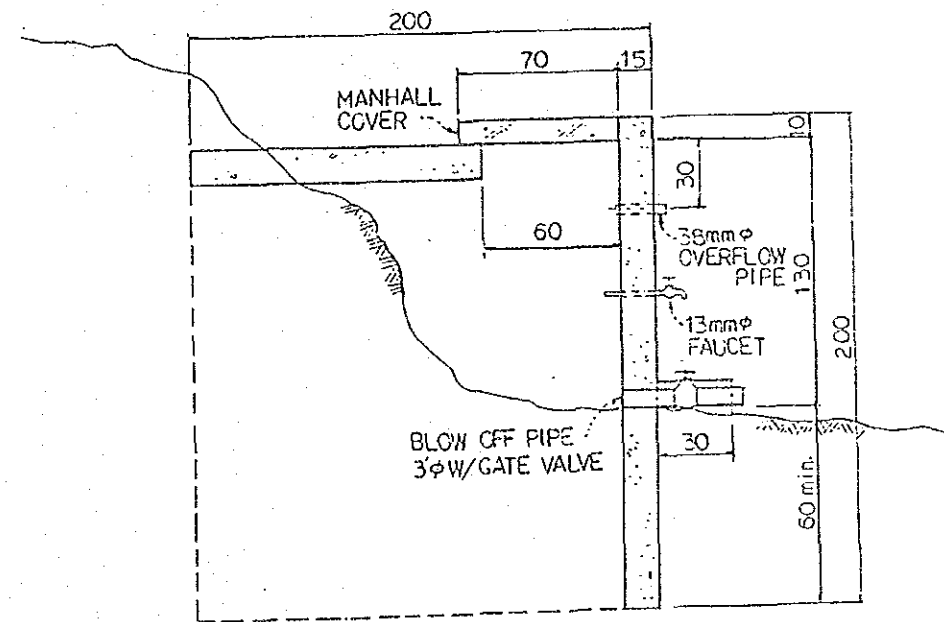
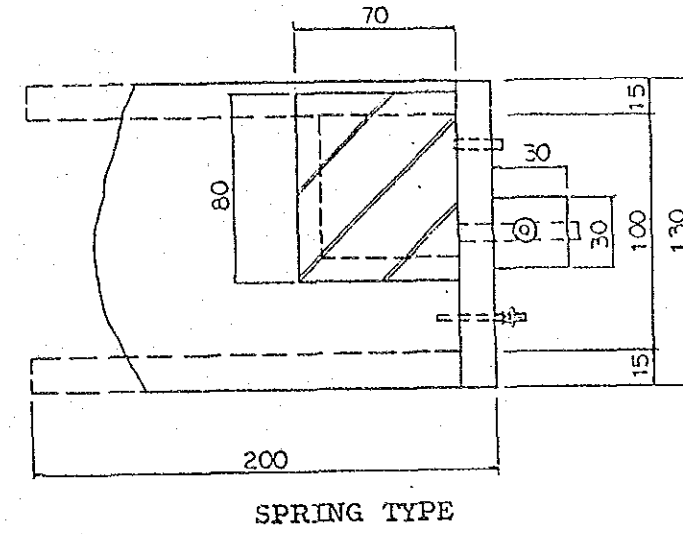
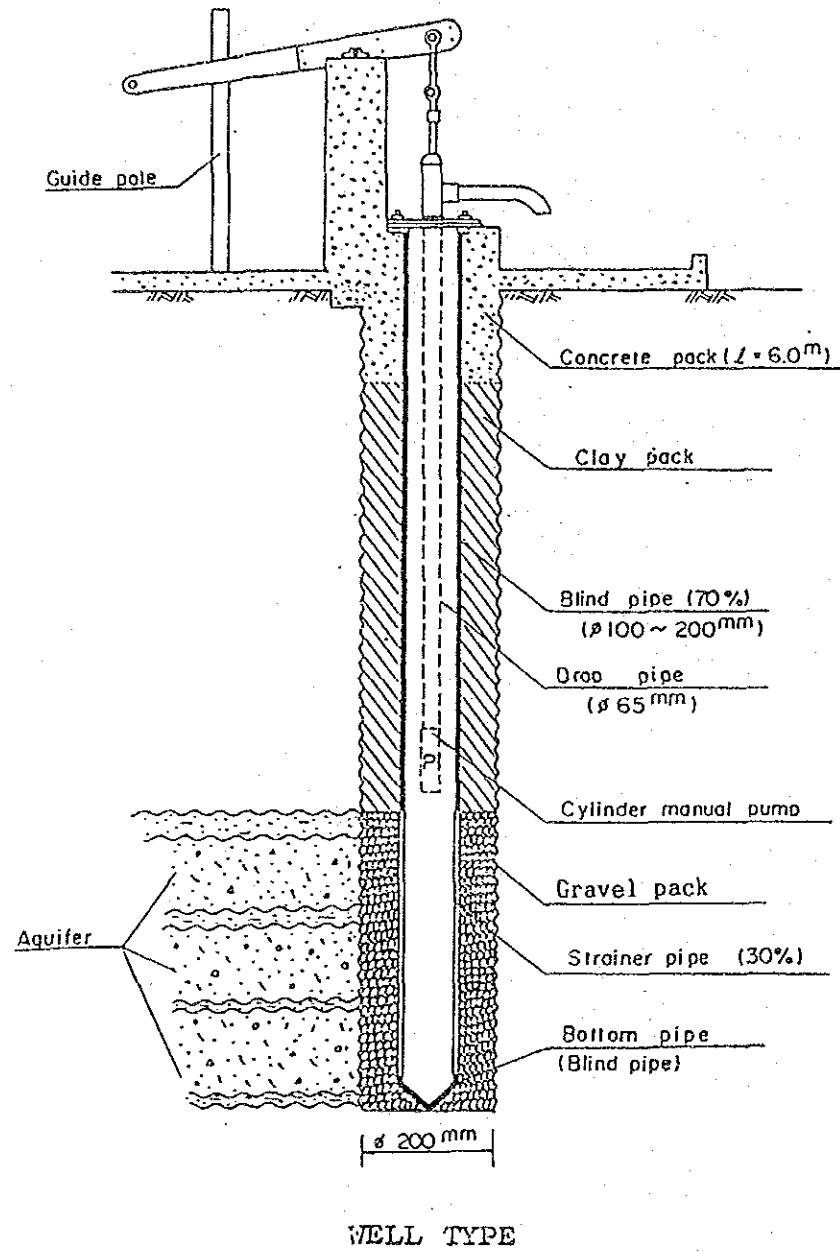


SECTION A-A
NO SCALE



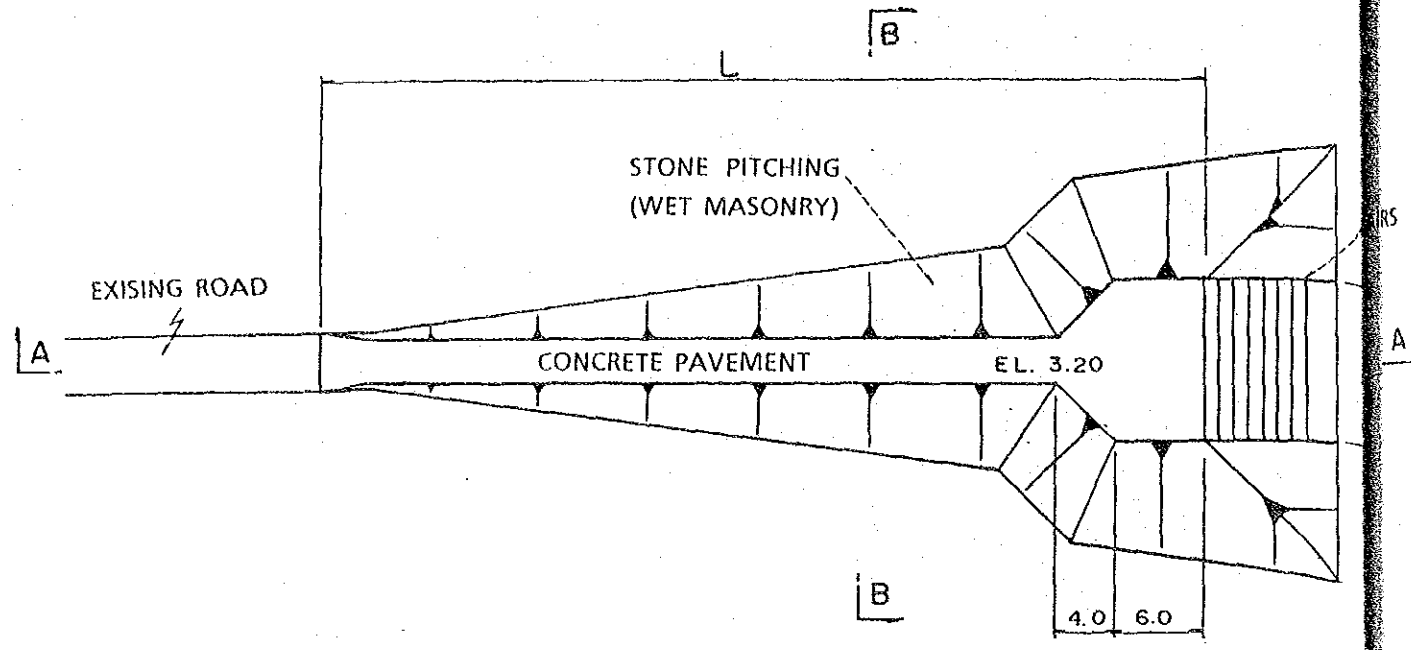
DETAIL OF TRENCH
NO SCALE

THE REPUBLIC OF THE PHILIPPINES DEPARTMENT OF AGRARIAN REFORM INTEGRATED JALA-JALA RURAL DEVELOPMENT PROJECT	
TITLE OF DRAWING WATER SUPPLY FACILITIES (LEVEL-II: VALVE, FAUCET, PIPE)	
JAPAN INTERNATIONAL COOPERATION AGENCY	DWG NO. 20 - 2

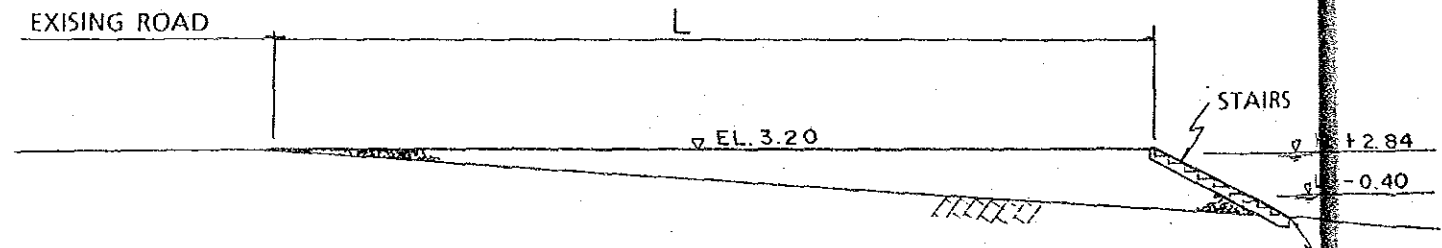


THE REPUBLIC OF THE PHILIPPINES DEPARTMENT OF AGRARIAN REFORM INTEGRATED JALA-JALA RURAL DEVELOPMENT PROJECT	
TITLE OF DRAWING WATER SUPPLY FACILITIES (LEVEL-1 : WELL, SPRING)	
JAPAN INTERNATIONAL COOPERATION AGENCY	DWG NO. 20 - 3

PLAN

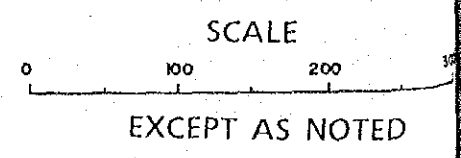


SECTION A-A

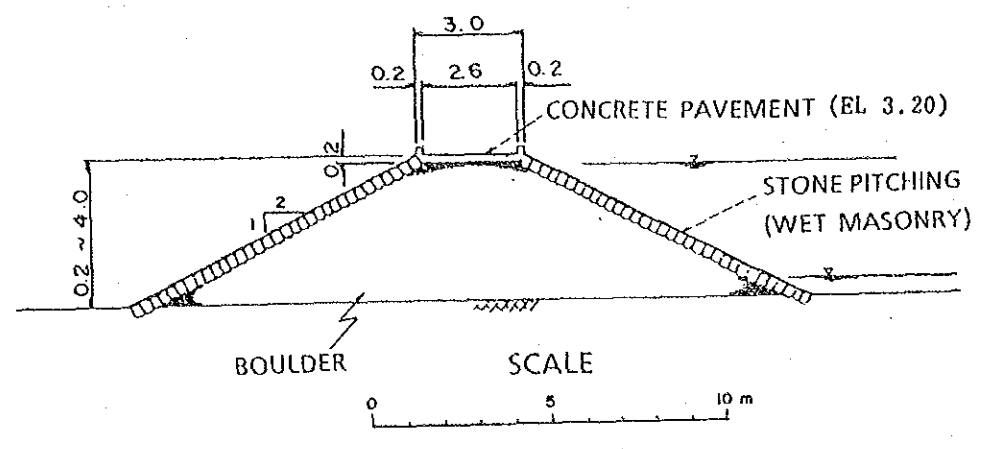


LENGTH OF PIER (L)
(Unit: m)

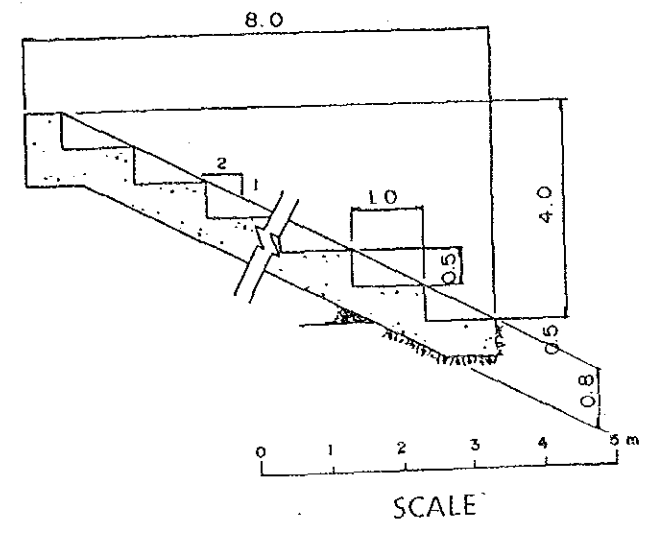
Location	Length
BAYUGO	8 0
PUNTA	5 0
PAGKALINAWAN	5 0
LUBO	8 0
BAGUMBONG	5 0



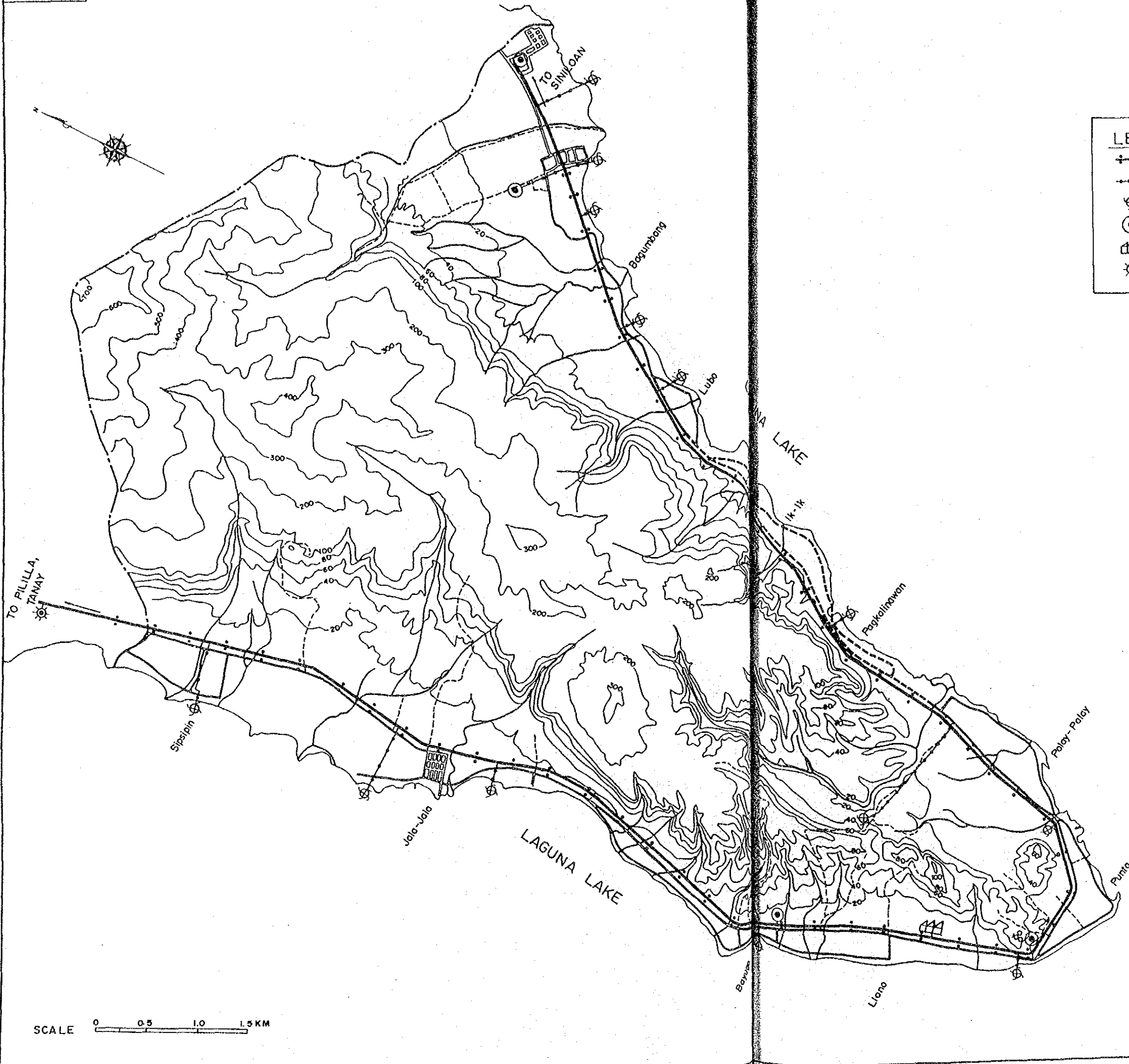
SECTION B-B



DETAIL FOR STAIRS

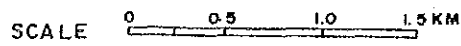


THE REPUBLIC OF THE PHILIPPINES DEPARTMENT OF AGRARIAN REFORM INTEGRATED JALA-JALA RURAL DEVELOPMENT PROJECT	
TITLE OF DRAWING Plan of Fish Port	
JAPAN INTERNATIONAL COOPERATION AGENCY	DWG NO. 21

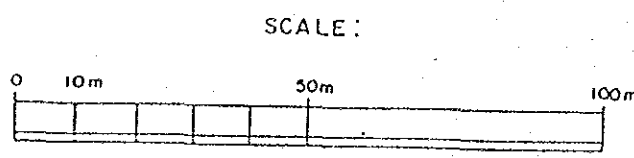
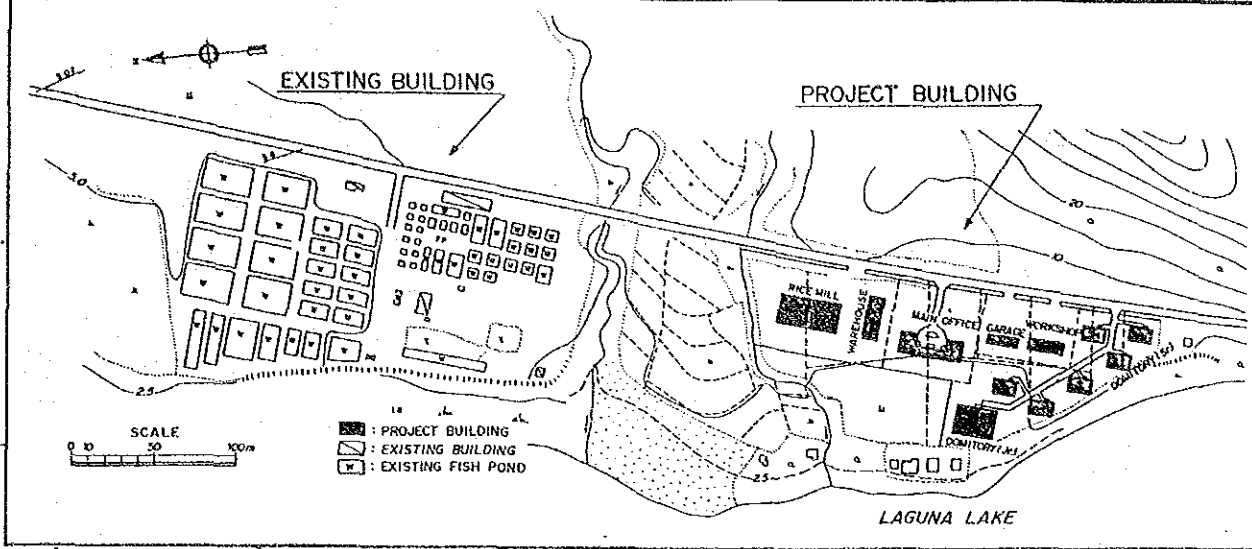
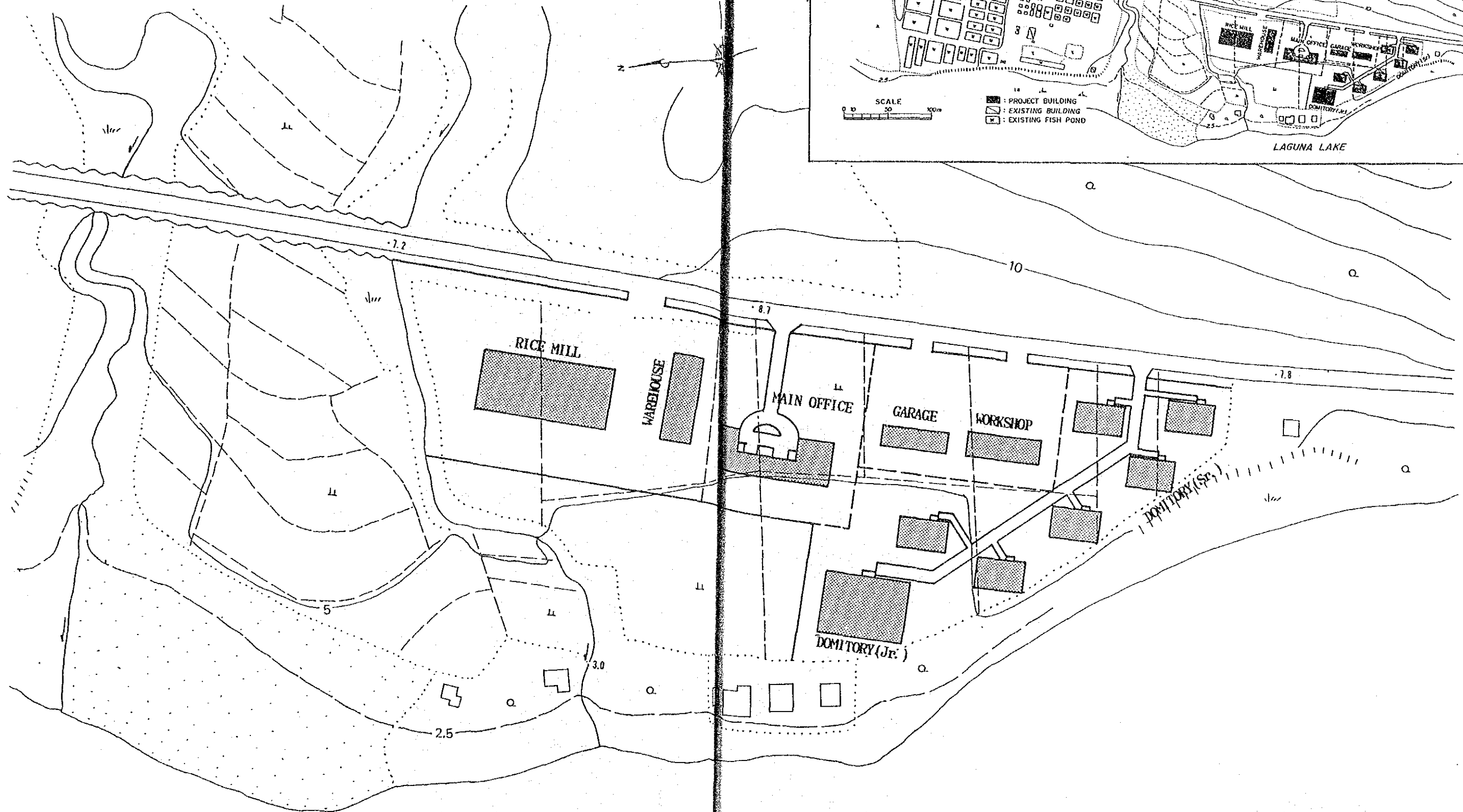


LEGEND

	Power Transmission Line (34KV)
	Power Distribution Line (460V/230V)
	Irrigation Pump (for paddy)
	Domestic Water Pump (for deep well)
	Post Harvest Processing Facilities
	Malaya Sub-Station



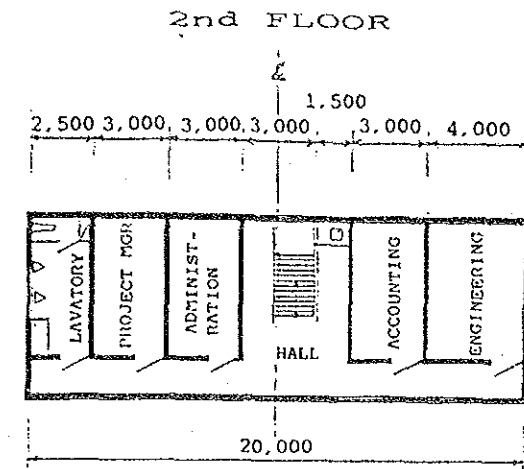
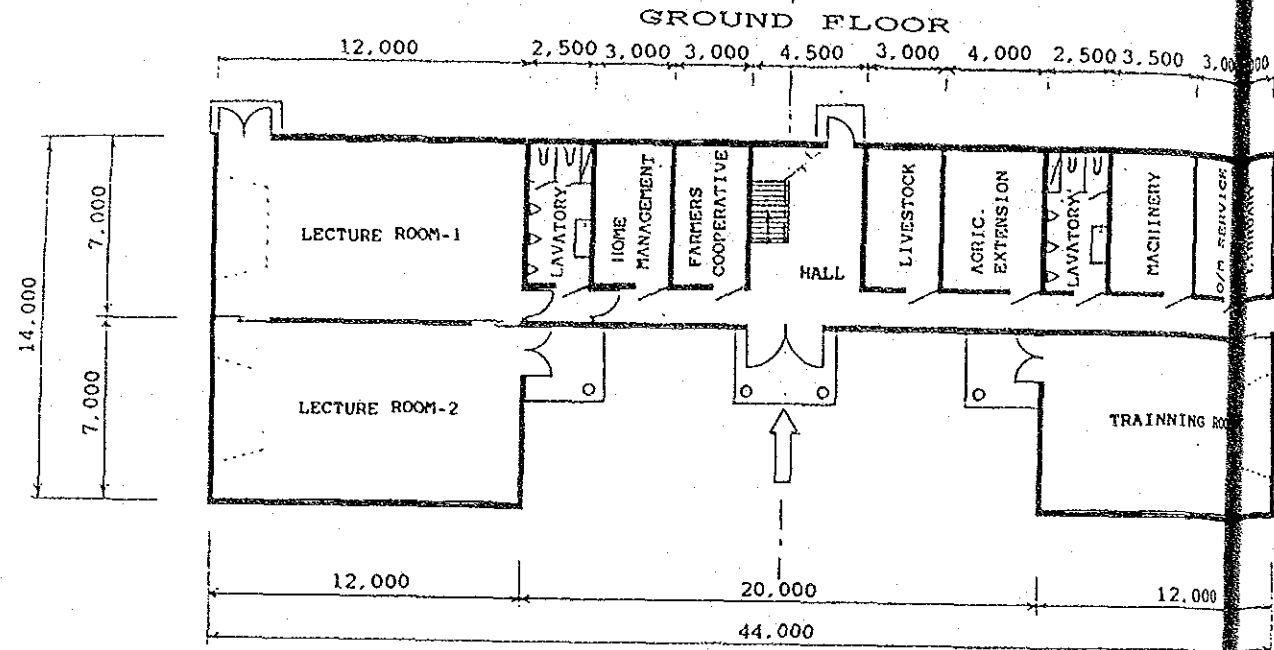
THE REPUBLIC OF THE PHILIPPINES DEPARTMENT OF AGRARIAN REFORM INTEGRATED JALA-JALA RURAL DEVELOPMENT PROJECT	
TITLE OF DRAWING PLAN OF RURAL ELECTRIFICATION	
JAPAN INTERNATIONAL COOPERATION AGENCY	DWG NO. 22



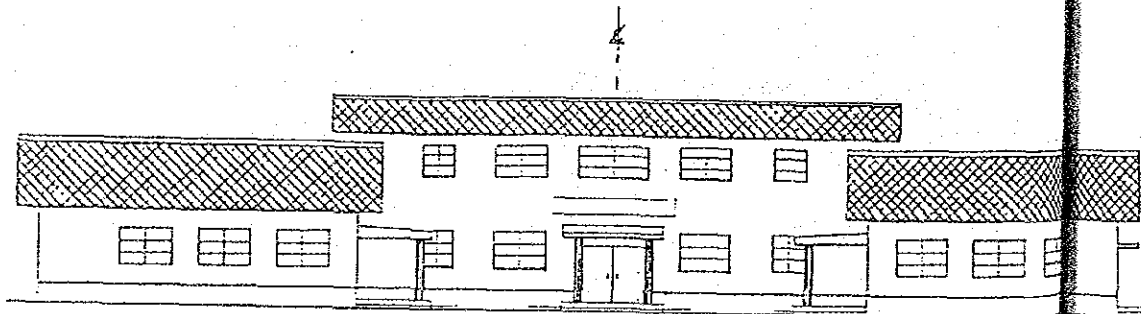
LAGUNA LAKE

THE REPUBLIC OF THE PHILIPPINES DEPARTMENT OF AGRARIAN REFORM INTEGRATED JALA-JALA RURAL DEVELOPMENT PROJECT	
TITLE OF DRAWING ARRANGEMENT PLAN FOR RURAL DEVELOPMENT CENTER	
JAPAN INTERNATIONAL COOPERATION AGENCY	DWG NO. 23

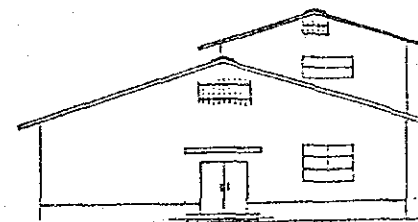
PLAN



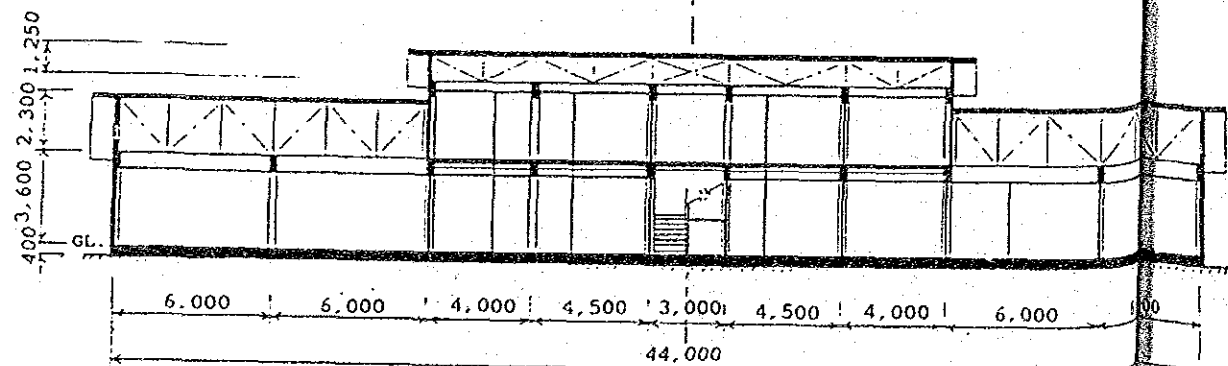
FRONT ELEVATION



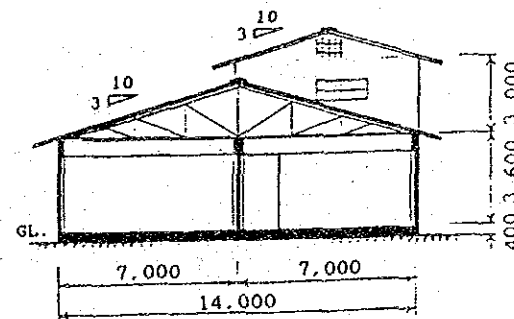
SIDE ELEVATION



SECTION-1

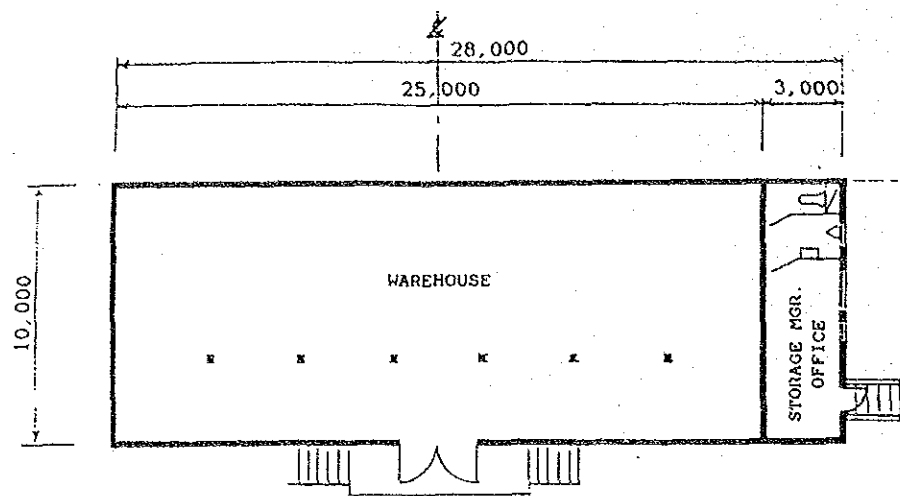


SECTION-2

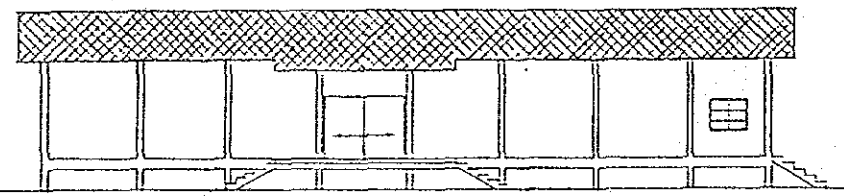


THE REPUBLIC OF THE PHILIPPINES DEPARTMENT OF AGRARIAN REFORM INTEGRATED JALA-JALA RURAL DEVELOPMENT PROJECT	
TITLE OF DRAWING MAIN BUILDING	
JAPAN INTERNATIONAL COOPERATION AGENCY	DWG NO. 24

WAREHOUSE PLAN



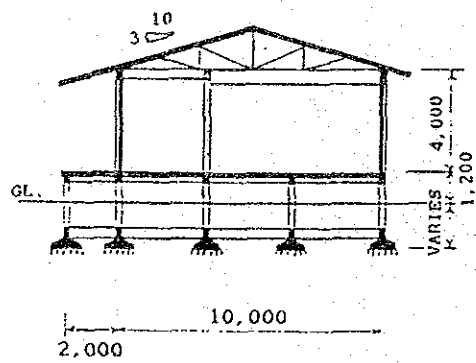
FRONT ELEV.



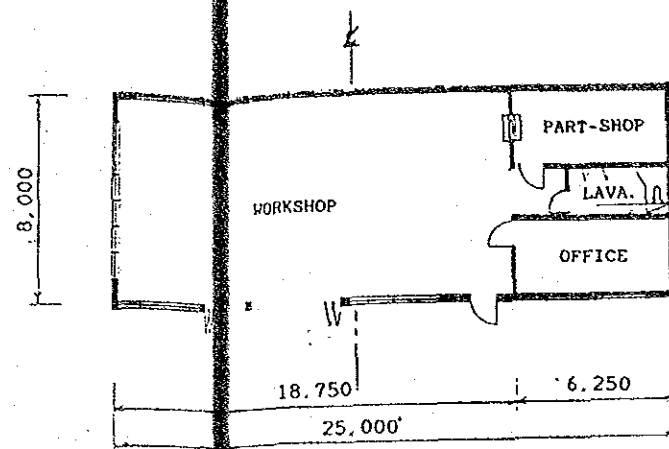
SIDE ELEV.



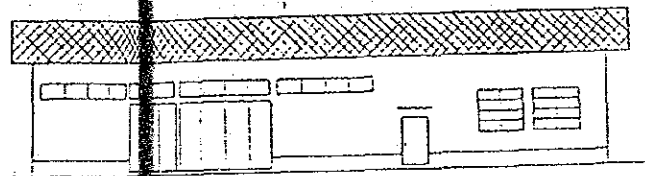
SECTION



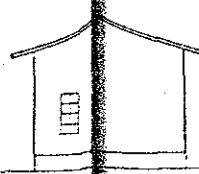
WORKSHOP PLAN



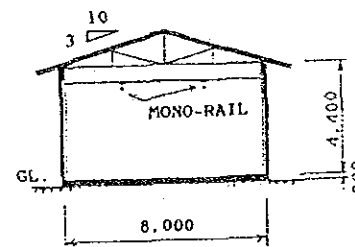
FRONT ELEV.



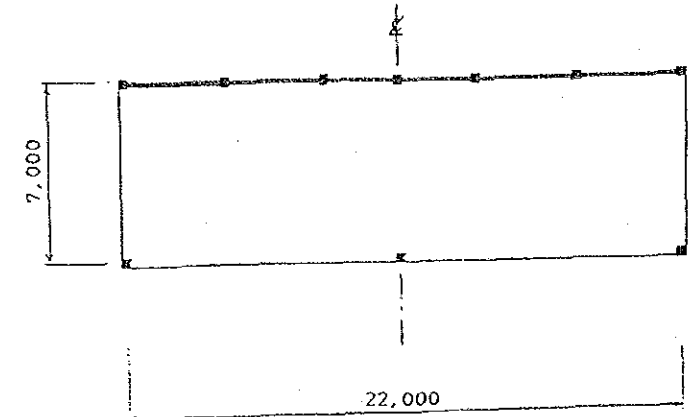
SIDE ELEV.



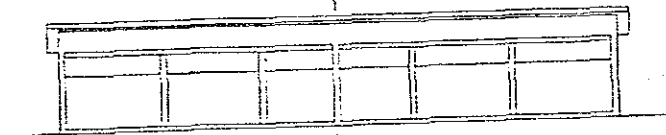
SECTION



GARAGE PLAN



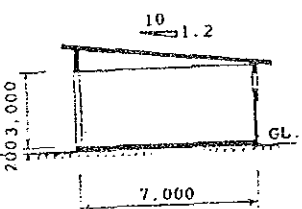
FRONT ELEV.



SIDE ELEV.



SECTION



THE REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF AGRARIAN REFORM
INTEGRATED JALA-JALA RURAL DEVELOPMENT PROJECT
TITLE OF DRAWING

WAREHOUSE, WORKSHOP, GARAGE

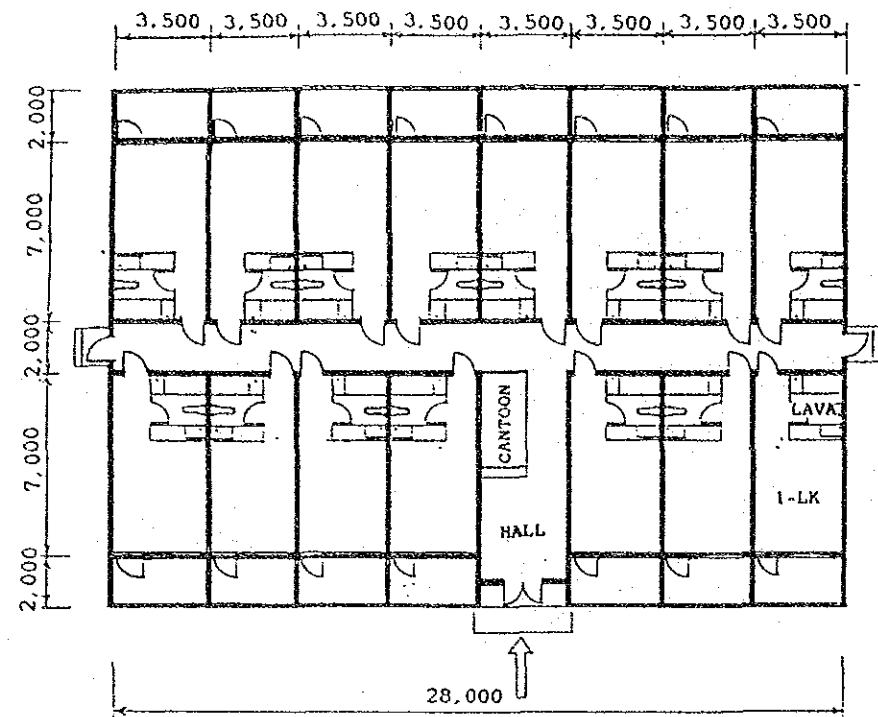
JAPAN INTERNATIONAL COOPERATION AGENCY

DWG NO.

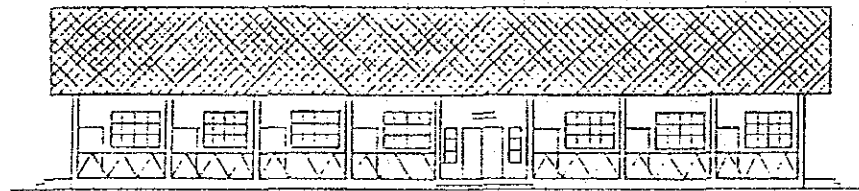
25

DORMITORY (Jr.)

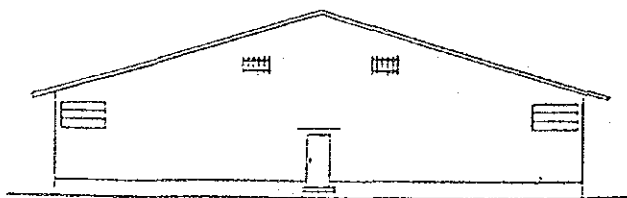
PLAN



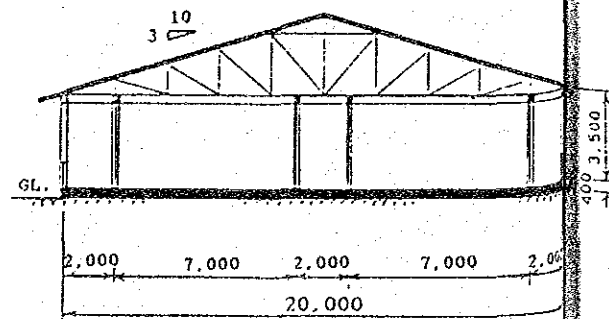
FRONT ELEV.



SIDE ELEV.

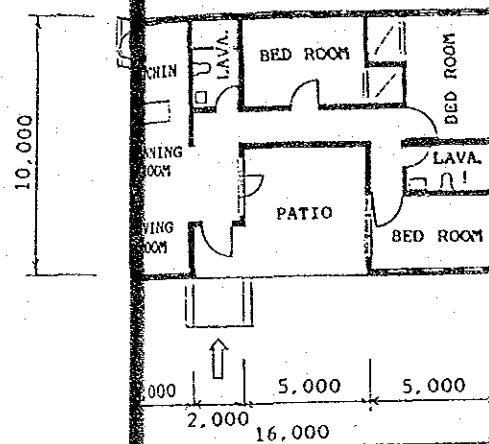


SECTION

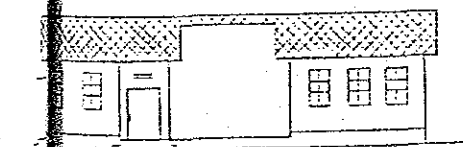


DORMITORY (Sr.)

PLAN



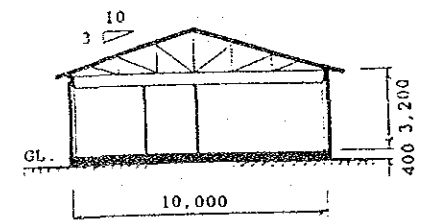
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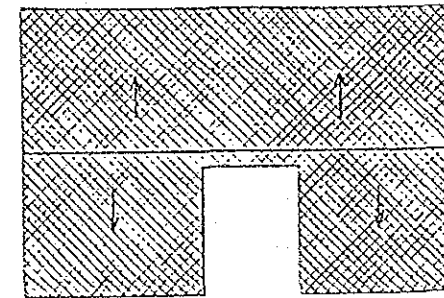
SIDE ELEV.



SECTION

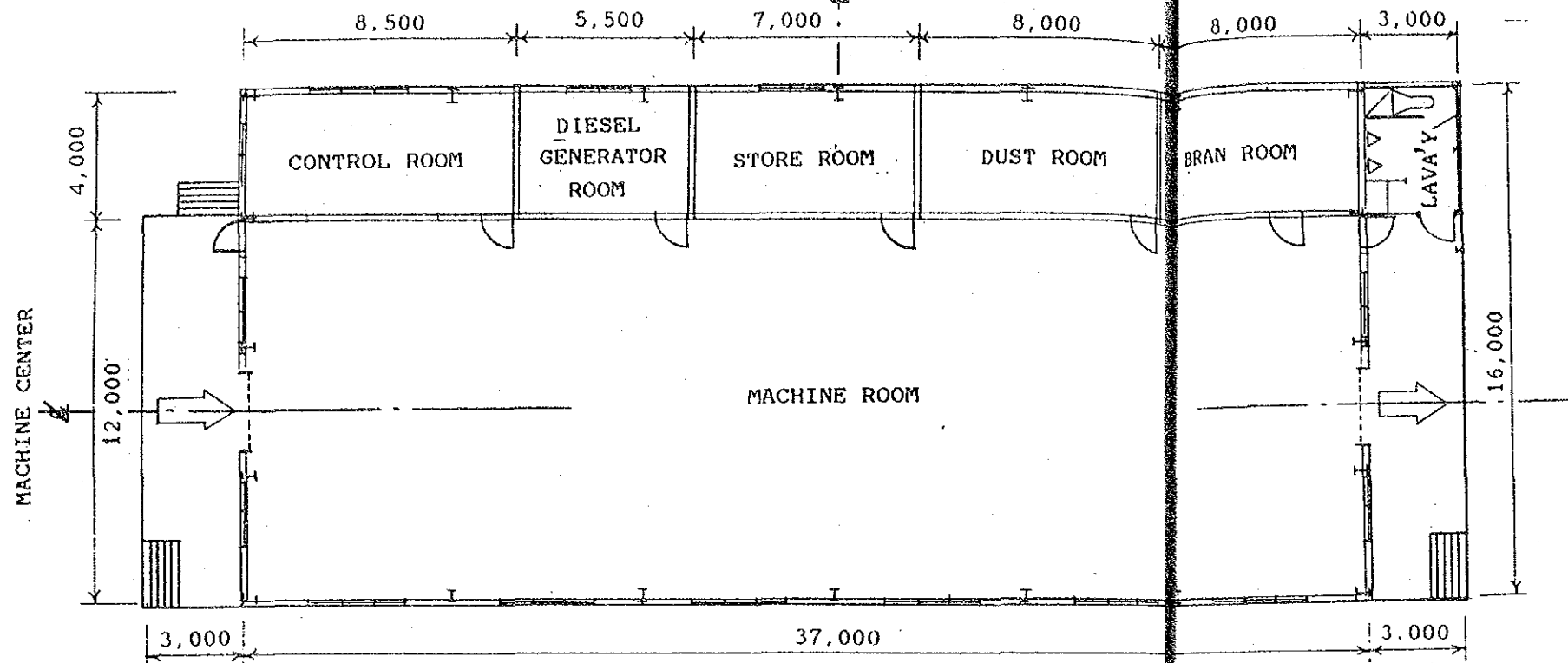


ROOF PLAN

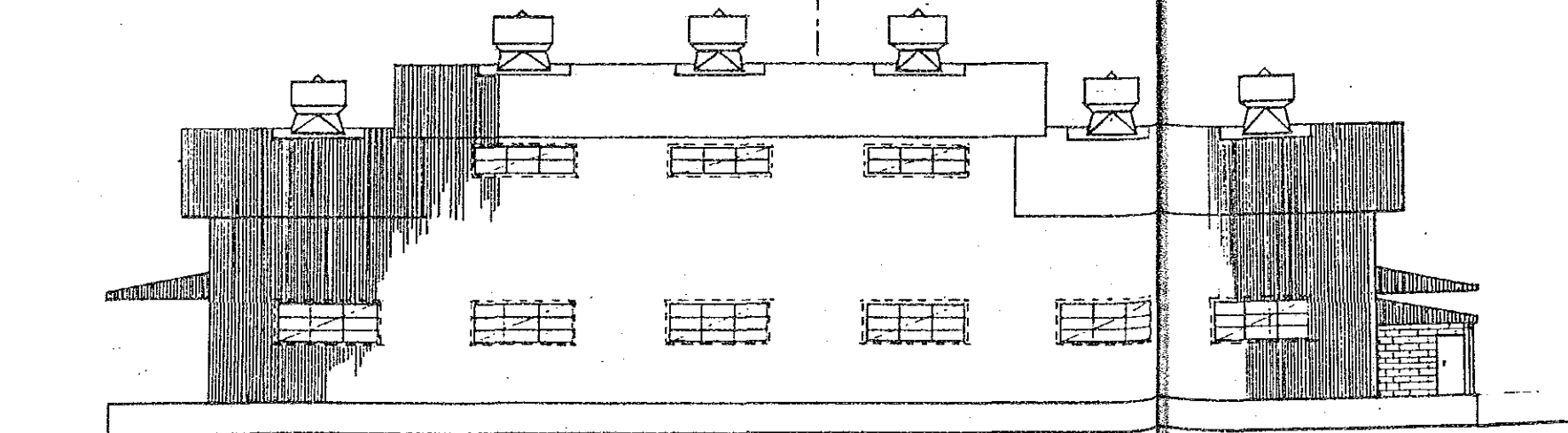


THE REPUBLIC OF THE PHILIPPINES DEPARTMENT OF AGRARIAN REFORM INTEGRATED JALA-JALA RURAL DEVELOPMENT PROJECT	
TITLE OF DRAWING DORMITORY	
JAPAN INTERNATIONAL COOPERATION AGENCY	DWG NO. 26

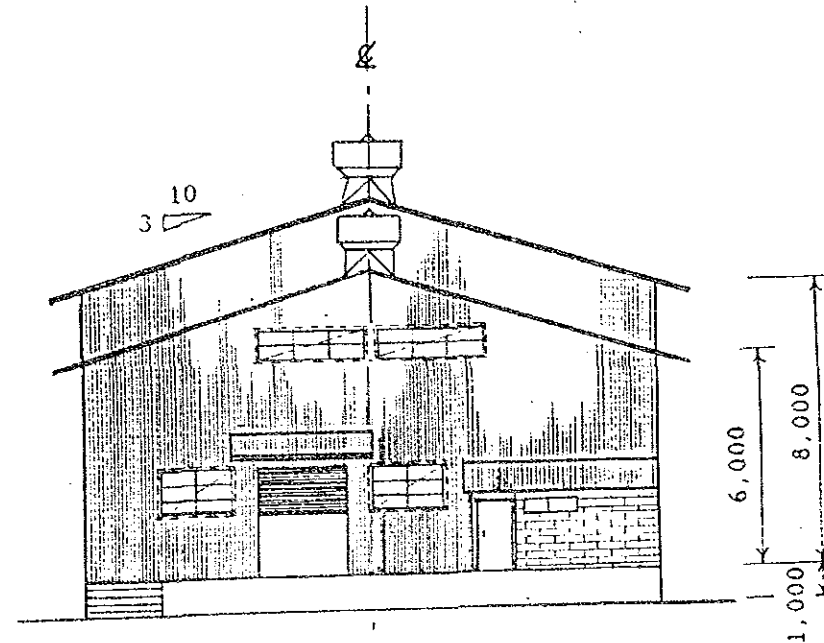
PLAN



SIDE ELEVATION



END ELEVATION



SCALE: 1/200

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TITLE OF DRAWING RICEMILL CENTER	
JAPAN INTERNATIONAL COOPERATION AGENCY	DWG NO. 27

JICA