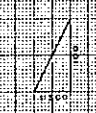




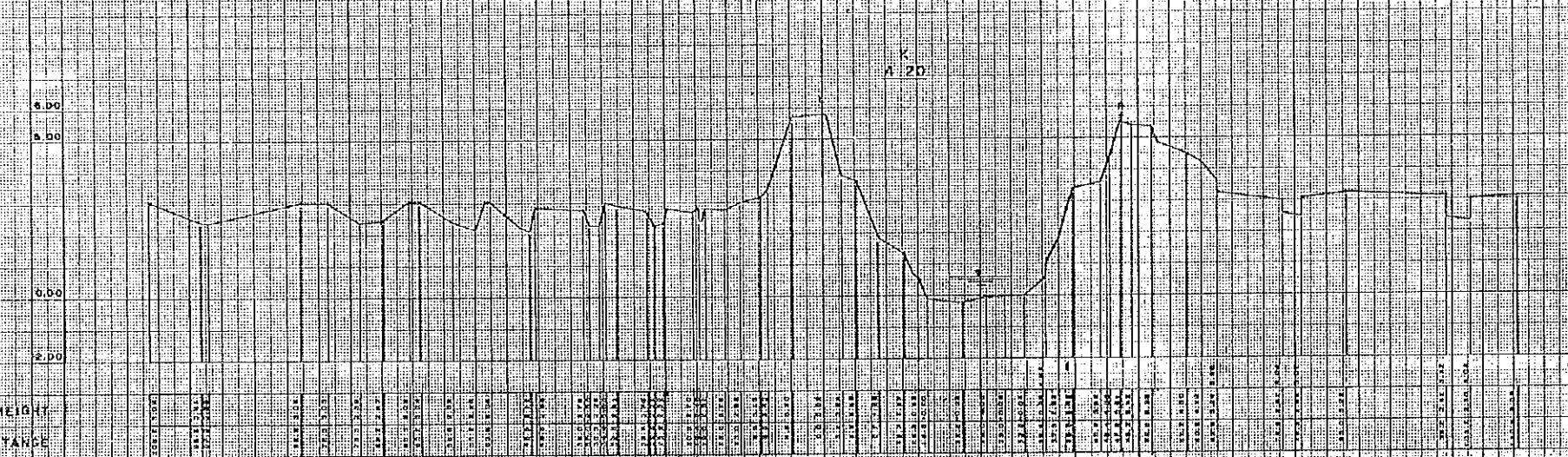
GROUND HEIGHT
TOTAL DISTANCE



GROUND HEIGHT
TOTAL DISTANCE



GROUND HEIGHT
TOTAL DISTANCE



THE REPUBLIC OF INDONESIA
DIRECTORATE GENERAL OF WATER RESOURCES DEVELOPMENT
MINISTRY OF PUBLIC WORKS

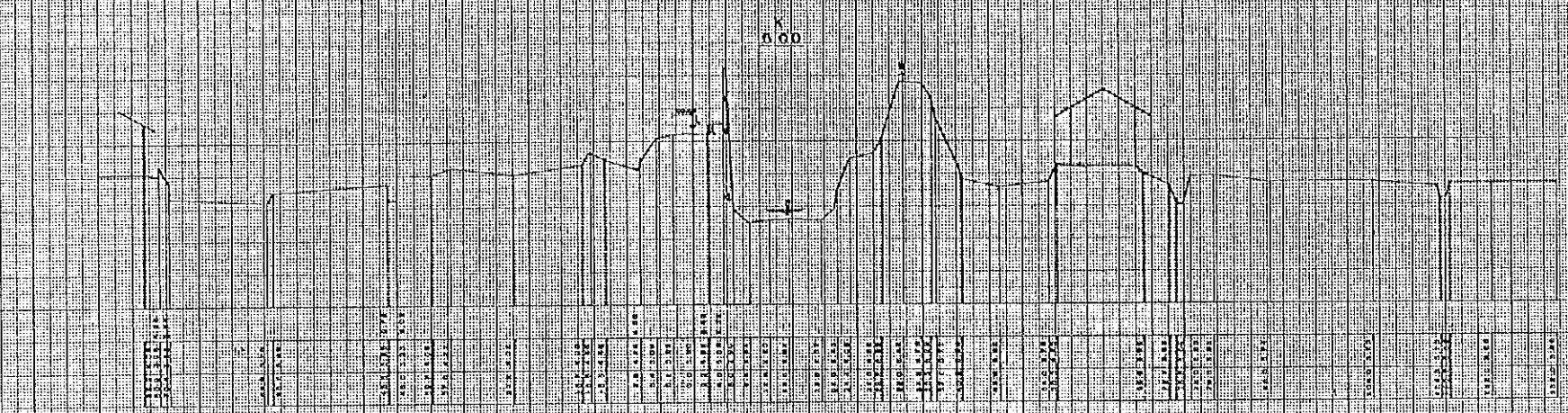
THE STUDY OF THE MASTER PLAN ON WATER RESOURCES
DEVELOPMENT AND FEASIBILITY STUDY
FOR URGENT FLOOD CONTROL AND URBAN DRAINAGE
FOR SEMARANG CITY AND SUBURBS

CROSS SECTION 42--42
BABON RIVER

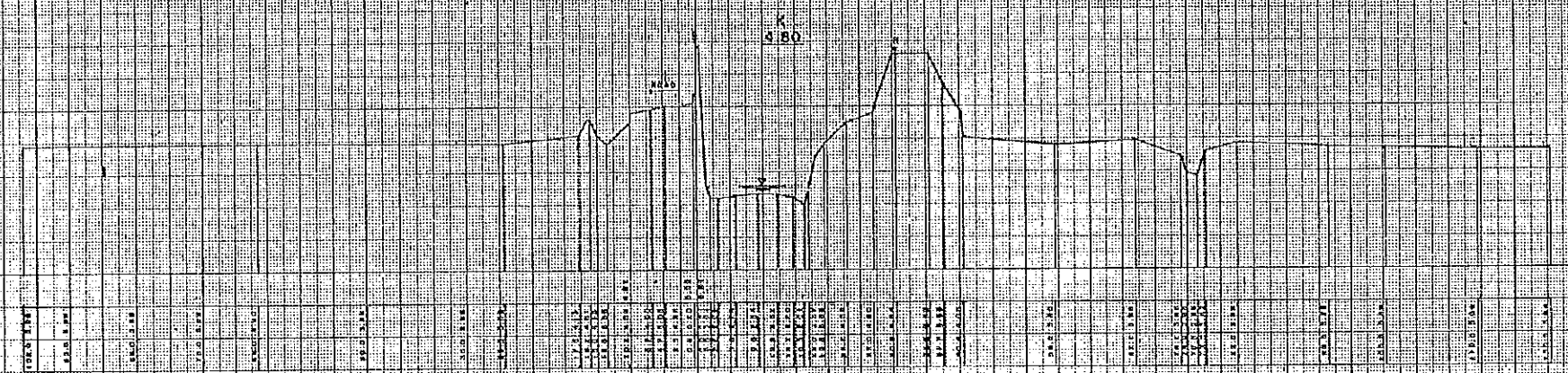
DECEMBER 1982 SHEET NO. 8/96
JAPAN INTERNATIONAL COOPERATION AGENCY



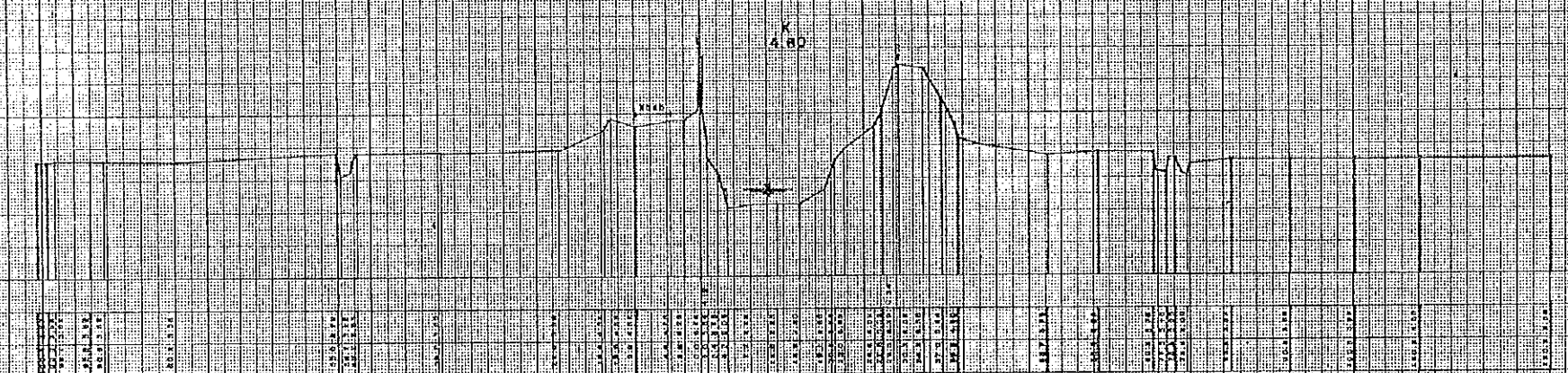
GROUND HEIGHT
TOTAL DISTANCE



GROUND HEIGHT
TOTAL DISTANCE



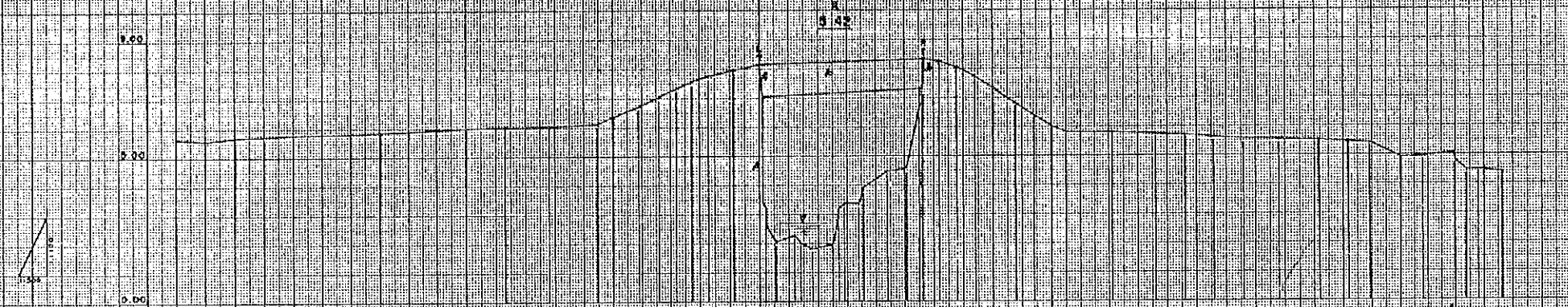
GROUND HEIGHT
TOTAL DISTANCE



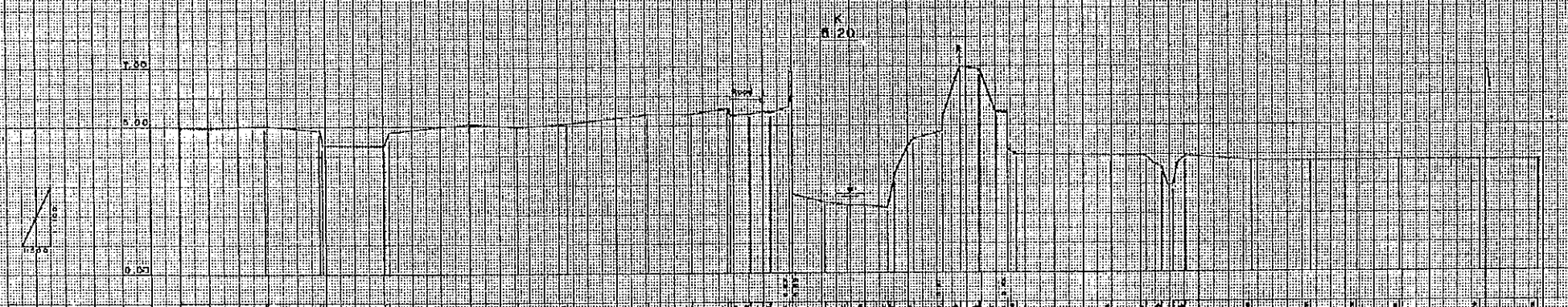
THE REPUBLIC OF INDONESIA
 DIRECTORATE GENERAL OF WATER RESOURCES DEVELOPMENT
 MINISTRY OF PUBLIC WORKS
 THE STUDY OF THE MASTER PLAN ON WATER RESOURCES
 DEVELOPMENT AND FEASIBILITY STUDY
 FOR URGENT FLOOD CONTROL AND URBAN DRAINAGE
 FOR SEMARANG CITY AND SUBURBS
 CROSS SECTION 46 — 5.0
 BABON RIVER
 NUMBER 02 SHEET 15 OF 28
 JAPAN INTERNATIONAL COOPERATION AGENCY



GROUND HEIGHT	8.00	7.90	7.80	7.70	7.60	7.50	7.40	7.30	7.20	7.10	7.00	6.90	6.80	6.70	6.60	6.50	6.40	6.30	6.20	6.10	6.00	5.90	5.80	5.70	5.60	5.50	5.40	5.30	5.20	5.10	5.00	4.90	4.80	4.70	4.60	4.50	4.40	4.30	4.20	4.10	4.00	3.90	3.80	3.70	3.60	3.50	3.40	3.30	3.20	3.10	3.00	2.90	2.80	2.70	2.60	2.50	2.40	2.30	2.20	2.10	2.00	1.90	1.80	1.70	1.60	1.50	1.40	1.30	1.20	1.10	1.00	0.90	0.80	0.70	0.60	0.50	0.40	0.30	0.20	0.10	0.00																				
TOTAL DISTANCE	0.00	10.00	20.00	30.00	40.00	50.00	60.00	70.00	80.00	90.00	100.00	110.00	120.00	130.00	140.00	150.00	160.00	170.00	180.00	190.00	200.00	210.00	220.00	230.00	240.00	250.00	260.00	270.00	280.00	290.00	300.00	310.00	320.00	330.00	340.00	350.00	360.00	370.00	380.00	390.00	400.00	410.00	420.00	430.00	440.00	450.00	460.00	470.00	480.00	490.00	500.00	510.00	520.00	530.00	540.00	550.00	560.00	570.00	580.00	590.00	600.00	610.00	620.00	630.00	640.00	650.00	660.00	670.00	680.00	690.00	700.00	710.00	720.00	730.00	740.00	750.00	760.00	770.00	780.00	790.00	800.00	810.00	820.00	830.00	840.00	850.00	860.00	870.00	880.00	890.00	900.00	910.00	920.00	930.00	940.00	950.00	960.00	970.00	980.00	990.00	1000.00

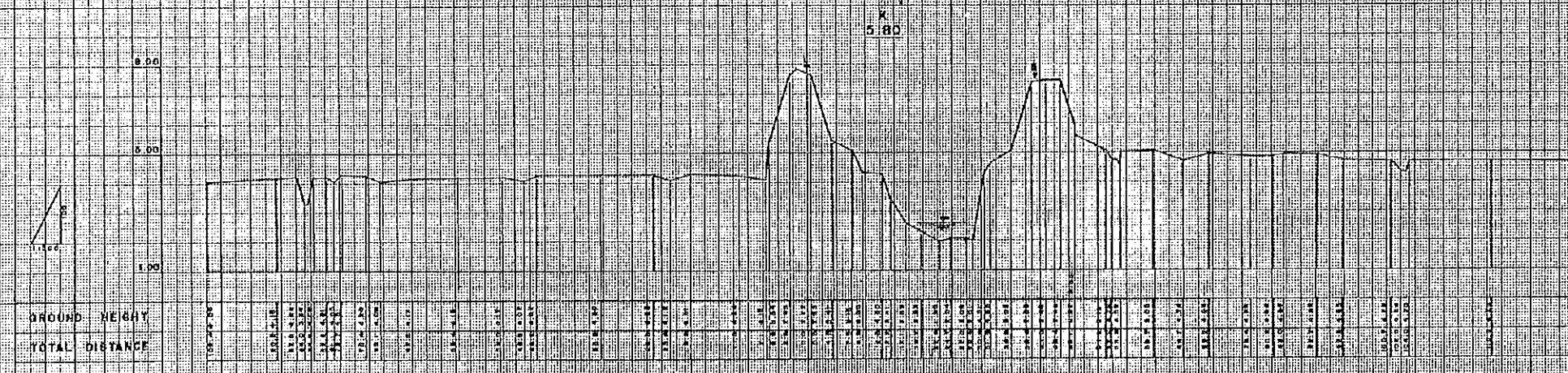
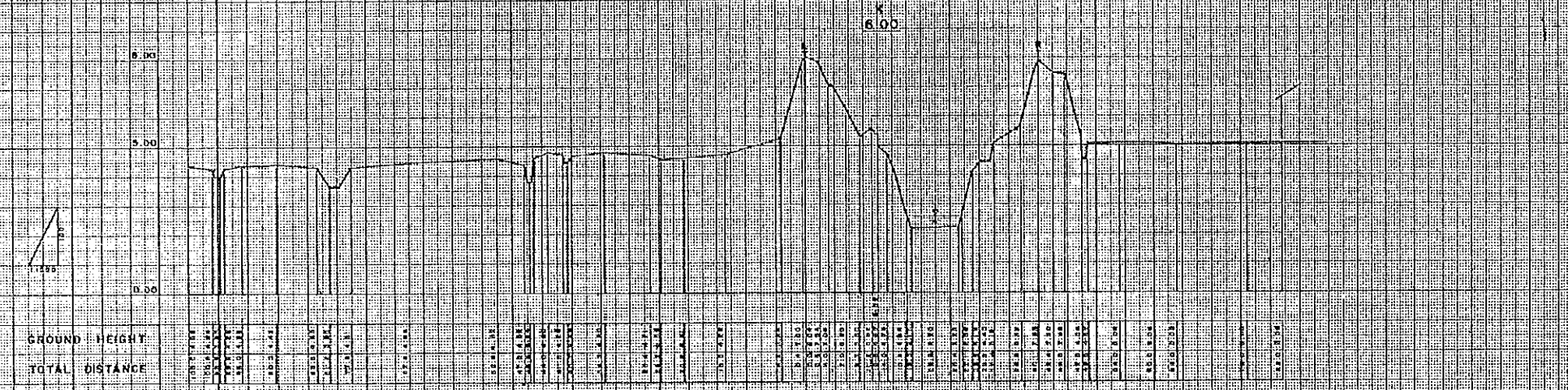
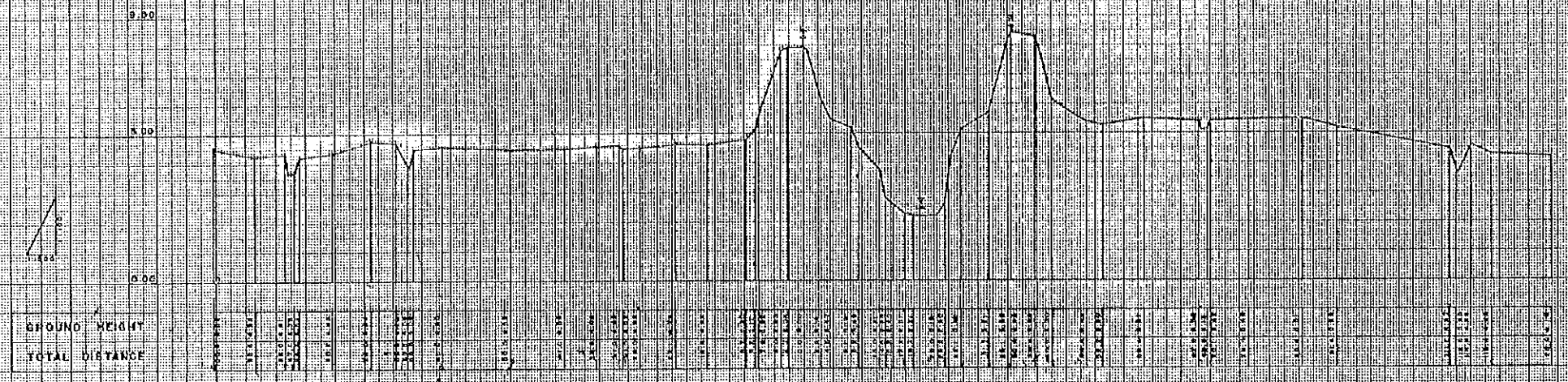


GROUND HEIGHT	9.00	8.90	8.80	8.70	8.60	8.50	8.40	8.30	8.20	8.10	8.00	7.90	7.80	7.70	7.60	7.50	7.40	7.30	7.20	7.10	7.00	6.90	6.80	6.70	6.60	6.50	6.40	6.30	6.20	6.10	6.00	5.90	5.80	5.70	5.60	5.50	5.40	5.30	5.20	5.10	5.00	4.90	4.80	4.70	4.60	4.50	4.40	4.30	4.20	4.10	4.00	3.90	3.80	3.70	3.60	3.50	3.40	3.30	3.20	3.10	3.00	2.90	2.80	2.70	2.60	2.50	2.40	2.30	2.20	2.10	2.00	1.90	1.80	1.70	1.60	1.50	1.40	1.30	1.20	1.10	1.00	0.90	0.80	0.70	0.60	0.50	0.40	0.30	0.20	0.10	0.00										
TOTAL DISTANCE	0.00	10.00	20.00	30.00	40.00	50.00	60.00	70.00	80.00	90.00	100.00	110.00	120.00	130.00	140.00	150.00	160.00	170.00	180.00	190.00	200.00	210.00	220.00	230.00	240.00	250.00	260.00	270.00	280.00	290.00	300.00	310.00	320.00	330.00	340.00	350.00	360.00	370.00	380.00	390.00	400.00	410.00	420.00	430.00	440.00	450.00	460.00	470.00	480.00	490.00	500.00	510.00	520.00	530.00	540.00	550.00	560.00	570.00	580.00	590.00	600.00	610.00	620.00	630.00	640.00	650.00	660.00	670.00	680.00	690.00	700.00	710.00	720.00	730.00	740.00	750.00	760.00	770.00	780.00	790.00	800.00	810.00	820.00	830.00	840.00	850.00	860.00	870.00	880.00	890.00	900.00	910.00	920.00	930.00	940.00	950.00	960.00	970.00	980.00	990.00	1000.00

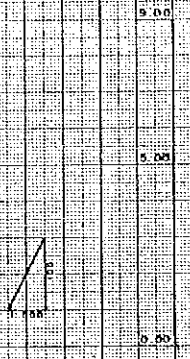


GROUND HEIGHT	7.00	6.90	6.80	6.70	6.60	6.50	6.40	6.30	6.20	6.10	6.00	5.90	5.80	5.70	5.60	5.50	5.40	5.30	5.20	5.10	5.00	4.90	4.80	4.70	4.60	4.50	4.40	4.30	4.20	4.10	4.00	3.90	3.80	3.70	3.60	3.50	3.40	3.30	3.20	3.10	3.00	2.90	2.80	2.70	2.60	2.50	2.40	2.30	2.20	2.10	2.00	1.90	1.80	1.70	1.60	1.50	1.40	1.30	1.20	1.10	1.00	0.90	0.80	0.70	0.60	0.50	0.40	0.30	0.20	0.10	0.00																														
TOTAL DISTANCE	0.00	10.00	20.00	30.00	40.00	50.00	60.00	70.00	80.00	90.00	100.00	110.00	120.00	130.00	140.00	150.00	160.00	170.00	180.00	190.00	200.00	210.00	220.00	230.00	240.00	250.00	260.00	270.00	280.00	290.00	300.00	310.00	320.00	330.00	340.00	350.00	360.00	370.00	380.00	390.00	400.00	410.00	420.00	430.00	440.00	450.00	460.00	470.00	480.00	490.00	500.00	510.00	520.00	530.00	540.00	550.00	560.00	570.00	580.00	590.00	600.00	610.00	620.00	630.00	640.00	650.00	660.00	670.00	680.00	690.00	700.00	710.00	720.00	730.00	740.00	750.00	760.00	770.00	780.00	790.00	800.00	810.00	820.00	830.00	840.00	850.00	860.00	870.00	880.00	890.00	900.00	910.00	920.00	930.00	940.00	950.00	960.00	970.00	980.00	990.00	1000.00

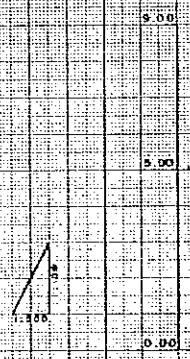
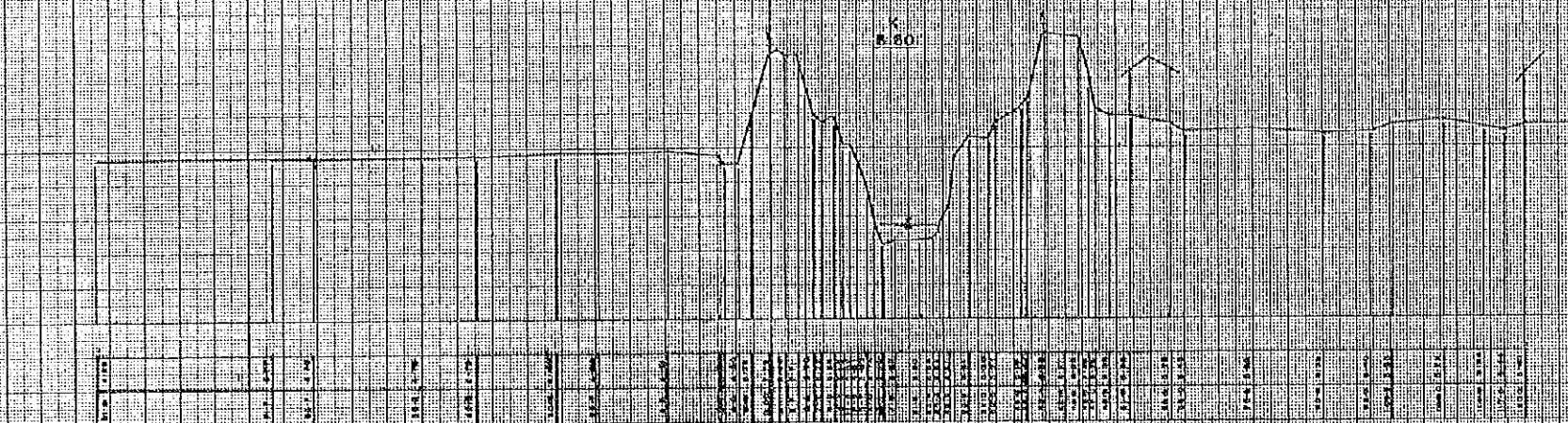
THE REPUBLIC OF INDONESIA
 DIRECTORATE GENERAL OF WATER RESOURCES DEVELOPMENT
 MINISTRY OF PUBLIC WORKS
 THE STUDY OF THE MASTER PLAN ON WATER RESOURCES
 DEVELOPMENT AND FEASIBILITY STUDY
 FOR URGENT FLOOD CONTROL AND URBAN DRAINAGE
 FOR SEMARANG CITY AND SUBURBS
 CROSSSECTION 5.2—5.6
BABON RIVER
 DECEMBER 1992 SHEET NO.10/30
 JAPAN INTERNATIONAL COOPERATION AGENCY



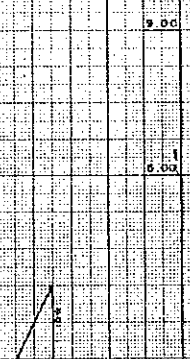
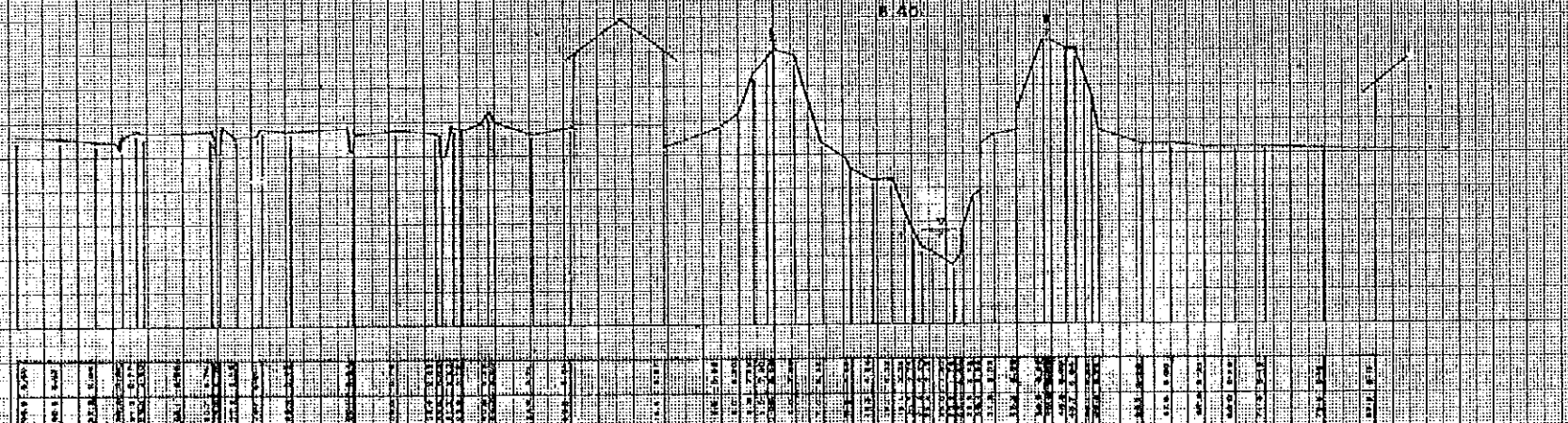
THE REPUBLIC OF INDONESIA
 DIRECTORATE GENERAL OF WATER RESOURCES DEVELOPMENT
 MINISTRY OF PUBLIC WORKS
 THE STUDY OF THE MASTER PLAN ON WATER RESOURCES
 DEVELOPMENT AND FEASIBILITY STUDY
 FOR URGENT FLOOD CONTROL AND URBAN DRAINAGE
 FOR SEMARANG CITY AND SUBURBS
 CROSS SECTION 58—62
BABON RIVER
 DECEMBER 1972
 SHEET 104/255



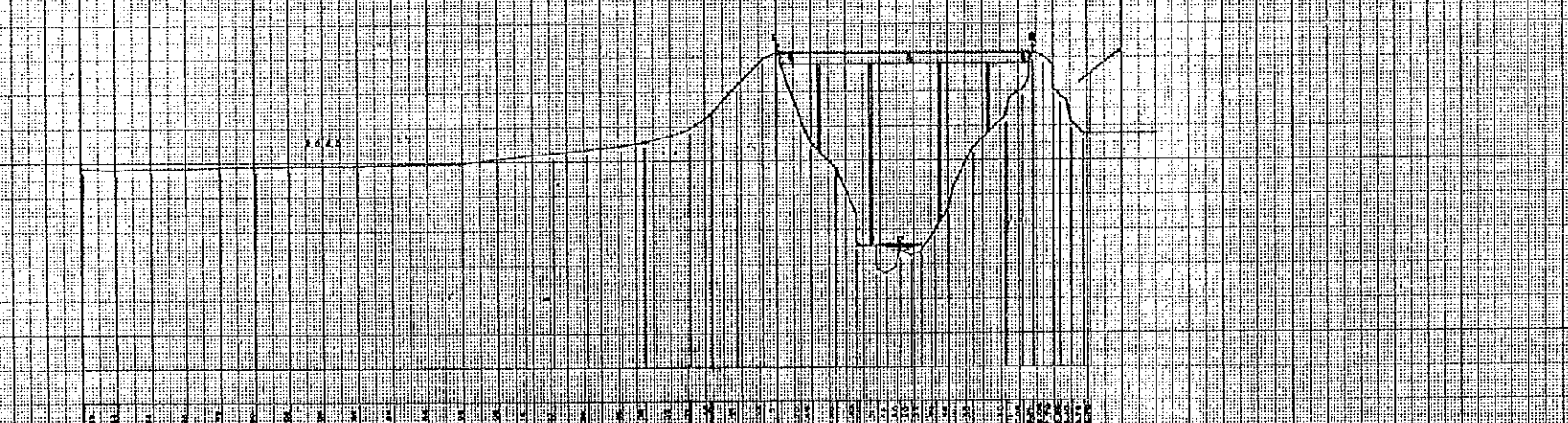
GROUND HEIGHT
TOTAL DISTANCE



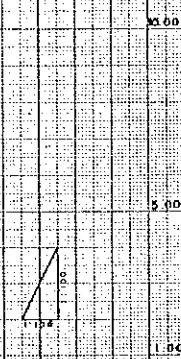
GROUND HEIGHT
TOTAL DISTANCE



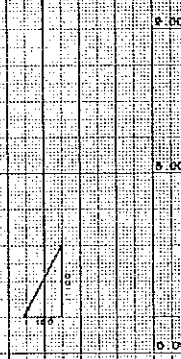
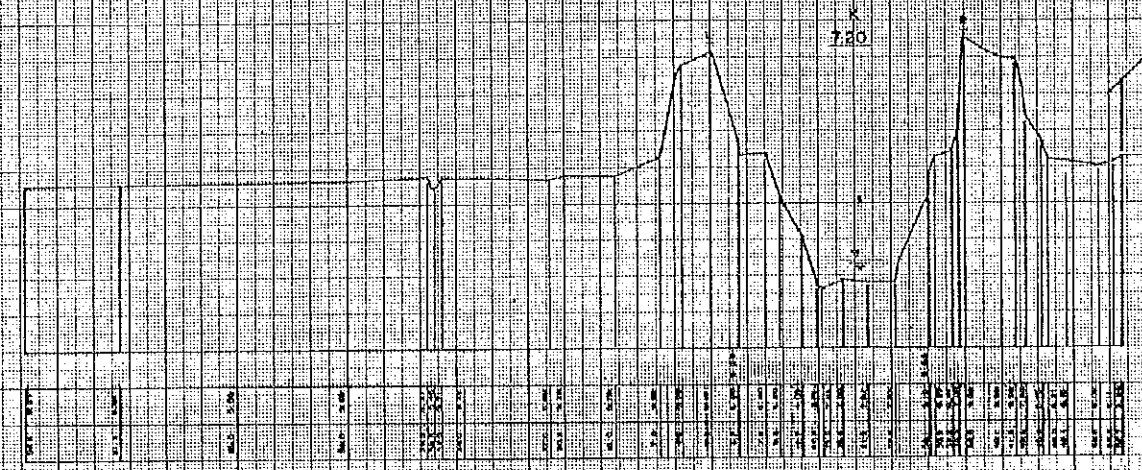
GROUND HEIGHT
TOTAL DISTANCE



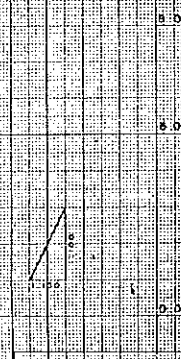
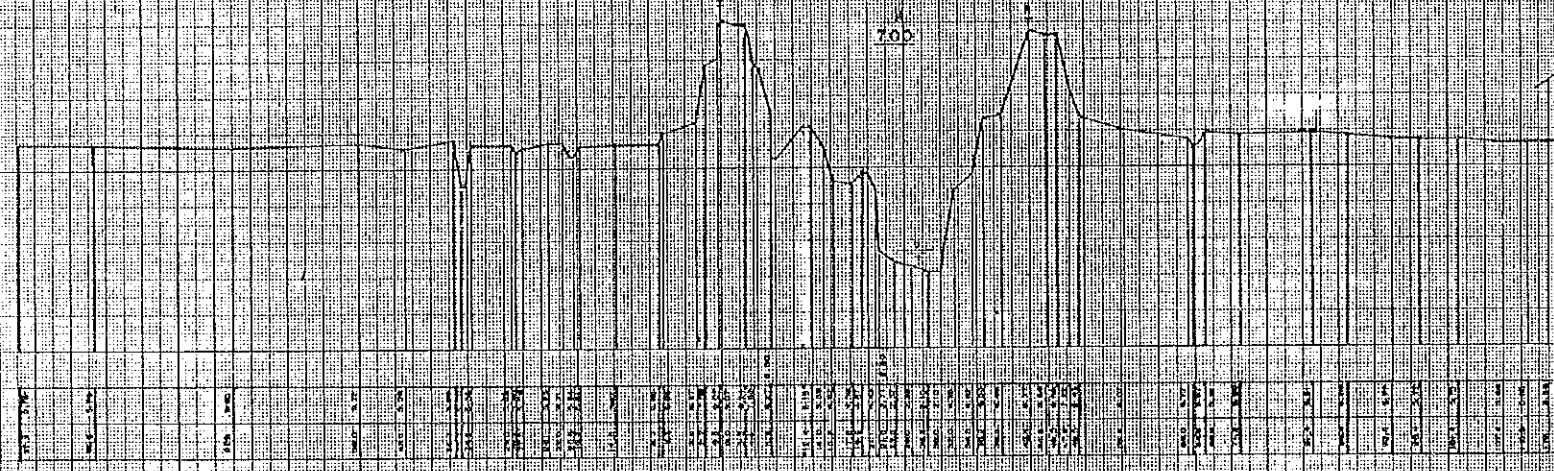
THE REPUBLIC OF INDONESIA
 DIRECTORATE GENERAL OF WATER RESOURCE DEVELOPMENT
 MINISTRY OF PUBLIC WORKS
 THE STUDY OF THE MASTER PLAN ON WATER RESOURCE
 DEVELOPMENT AND FEASIBILITY STUDY
 FOR URGENT FLOOD CONTROL AND URBAN DRAINAGE
 FOR SEMARANG CITY AND SUBURBS
 CROSS SECTION 6.3--6.6
BABON RIVER
 DECEMBER 1968 SHEET NO. 12/156



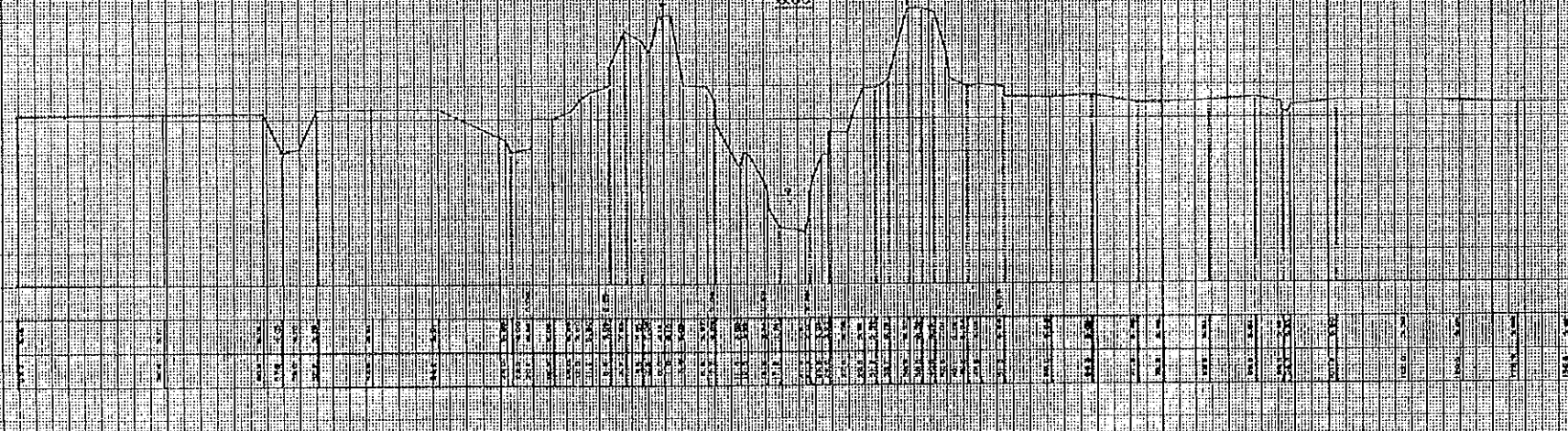
GROUND HEIGHT
TOTAL DISTANCE



GROUND HEIGHT
TOTAL DISTANCE



GROUND HEIGHT
TOTAL DISTANCE



THE REPUBLIC OF INDONESIA
DIRECTORATE GENERAL OF WATER RESOURCES DEVELOPMENT
MINISTRY OF PUBLIC WORKS

THE STUDY OF THE MASTER PLAN ON WATER RESOURCES
DEVELOPMENT AND FEASIBILITY STUDY
FOR URGENT FLOOD CONTROL AND URBAN DRAINAGE
FOR SEMARANG CITY AND SUBURBS

CROSS SECTION B. 8—72
BABON RIVER
DECEMBER 1952

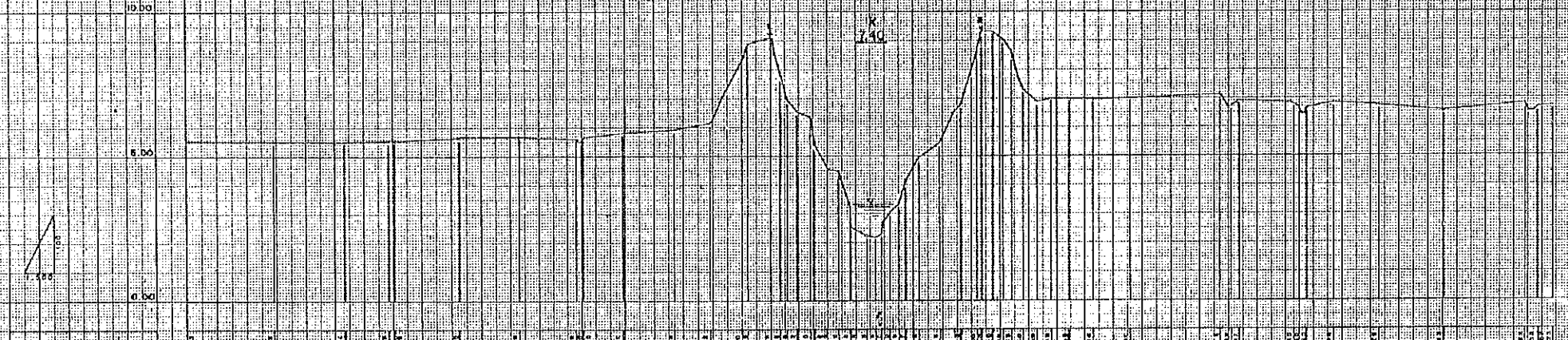
JAPAN INTERNATIONAL COOPERATION AGENCY



GROUND HEIGHT	TOTAL DISTANCE
10.00	100.00
9.50	95.00
9.00	90.00
8.50	85.00
8.00	80.00
7.50	75.00
7.00	70.00
6.50	65.00
6.00	60.00
5.50	55.00
5.00	50.00
4.50	45.00
4.00	40.00
3.50	35.00
3.00	30.00
2.50	25.00
2.00	20.00
1.50	15.00
1.00	10.00
0.50	5.00
0.00	0.00

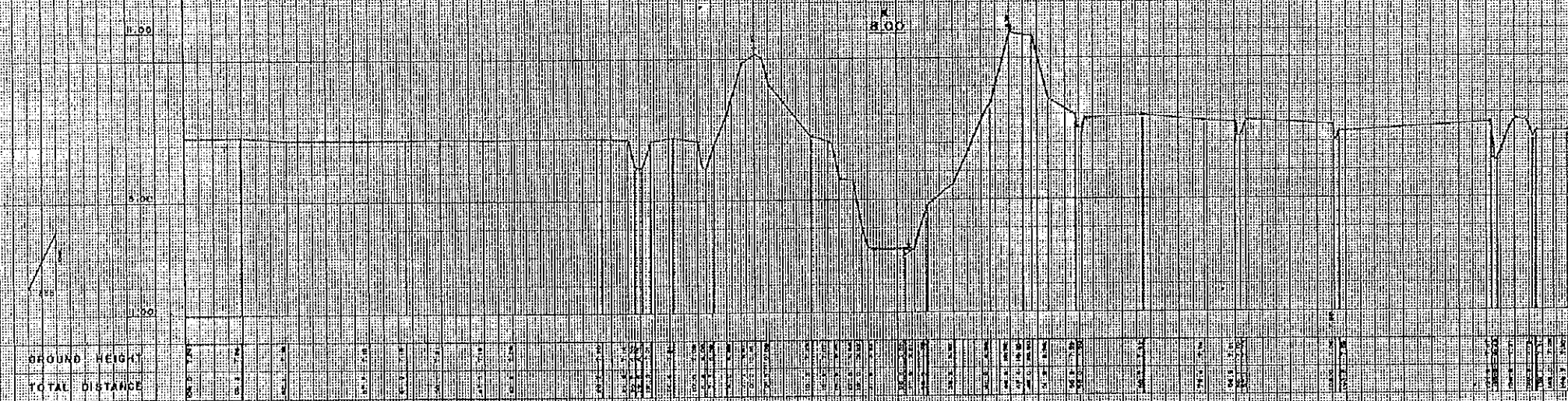
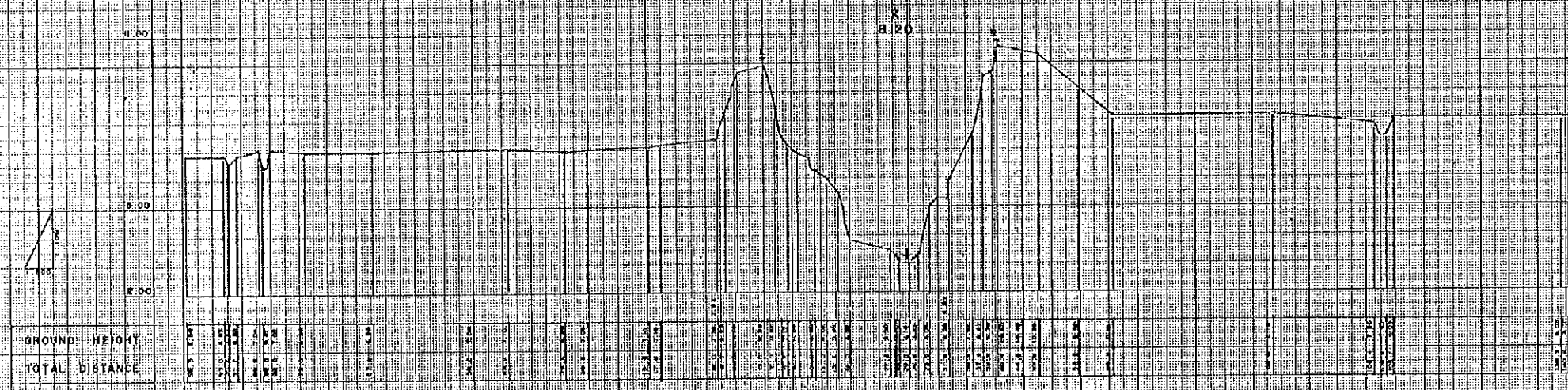
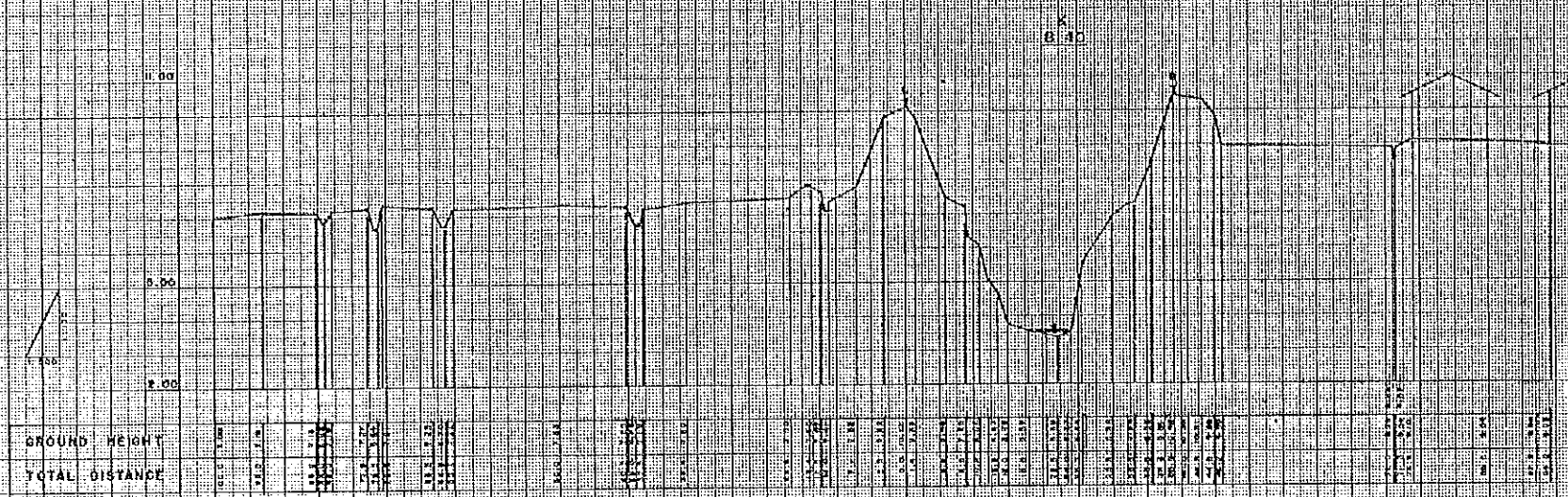


GROUND HEIGHT	TOTAL DISTANCE
10.00	100.00
9.50	95.00
9.00	90.00
8.50	85.00
8.00	80.00
7.50	75.00
7.00	70.00
6.50	65.00
6.00	60.00
5.50	55.00
5.00	50.00
4.50	45.00
4.00	40.00
3.50	35.00
3.00	30.00
2.50	25.00
2.00	20.00
1.50	15.00
1.00	10.00
0.50	5.00
0.00	0.00



GROUND HEIGHT	TOTAL DISTANCE
10.00	100.00
9.50	95.00
9.00	90.00
8.50	85.00
8.00	80.00
7.50	75.00
7.00	70.00
6.50	65.00
6.00	60.00
5.50	55.00
5.00	50.00
4.50	45.00
4.00	40.00
3.50	35.00
3.00	30.00
2.50	25.00
2.00	20.00
1.50	15.00
1.00	10.00
0.50	5.00
0.00	0.00

THE REPUBLIC OF INDONESIA
 DIRECTORATE GENERAL OF WATER RESOURCES DEVELOPMENT
 MINISTRY OF PUBLIC WORKS
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 FOR URGENT FLOOD CONTROL AND URBAN DRAINAGE
 FOR SEMARANG CITY AND SUBURBS
 CROSS SECTION 7.4 — 7.6
BABON RIVER
 SCALE: 1:1000 SHEET NO. 124/80
 JAPAN INTERNATIONAL COOPERATION AGENCY



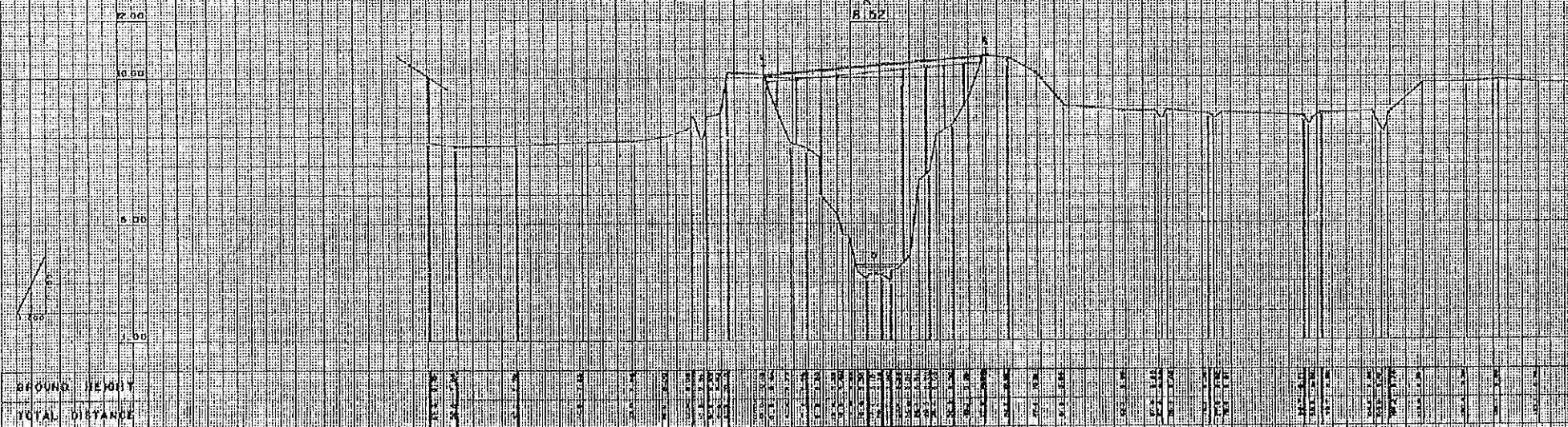
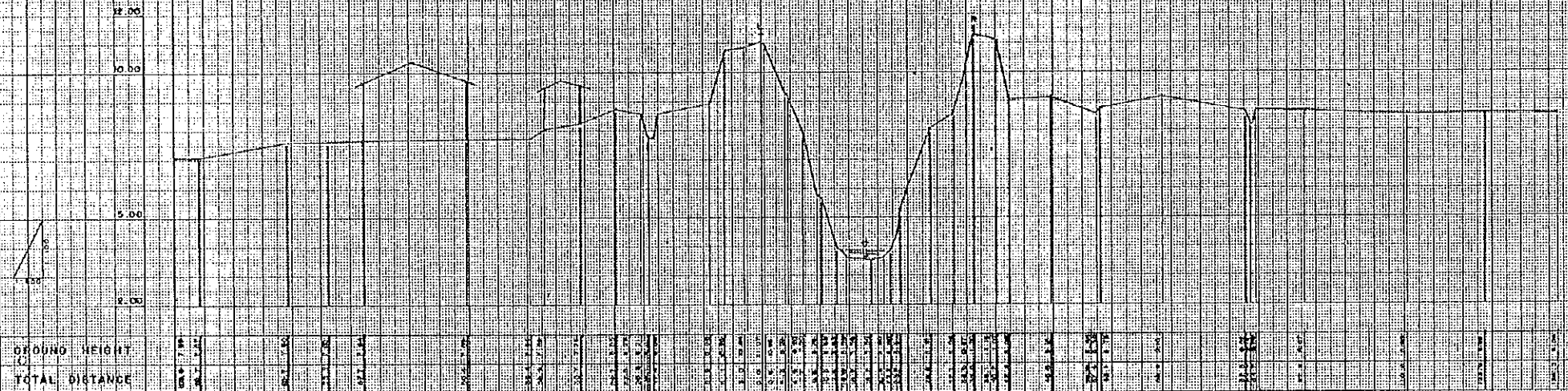
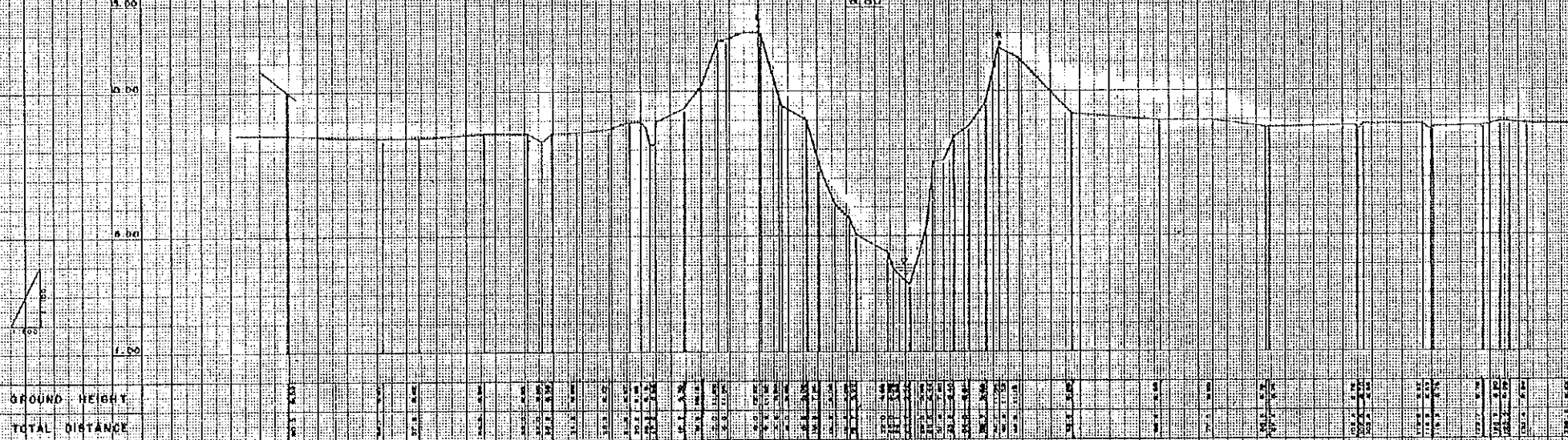
THE REPUBLIC OF INDONESIA
 DIRECTORATE GENERAL OF WATER RESOURCES DEVELOPMENT
 MINISTRY OF PUBLIC WORKS
 THE STUDY OF THE MASTER PLAN ON WATER RESOURCES
 DEVELOPMENT AND FEASIBILITY STUDY
 FOR URGENT FLOOD CONTROL AND URBAN DRAINAGE
 FOR SEMARANG CITY AND SUBURBS
 CROSS SECTION B.0—B.4
BABON RIVER
 DECEMBER 1977 SHEET RC-15/17
 JAPAN INTERNATIONAL COOPERATION AGENCY



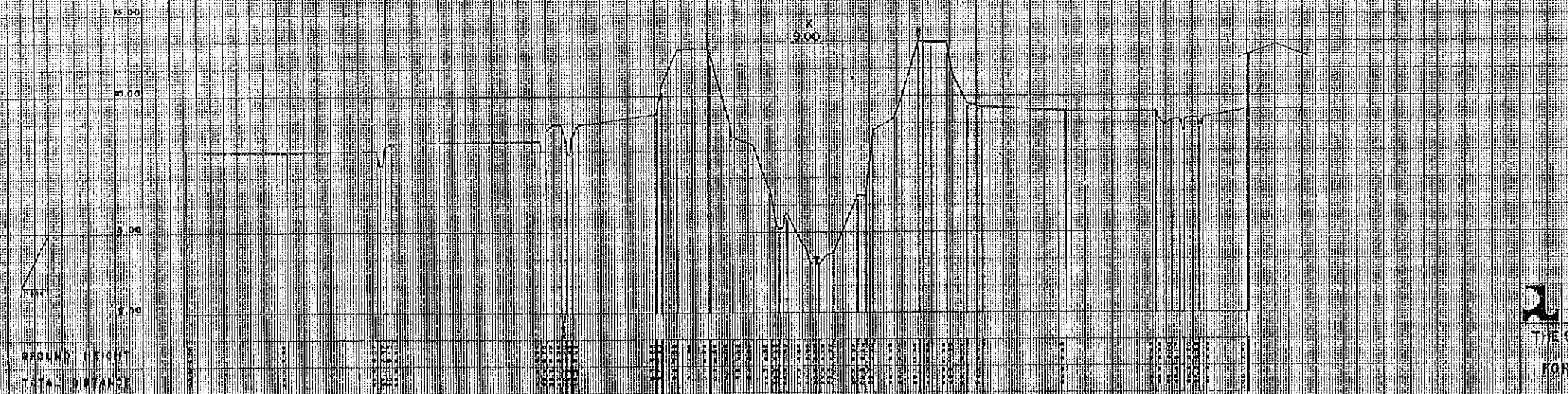
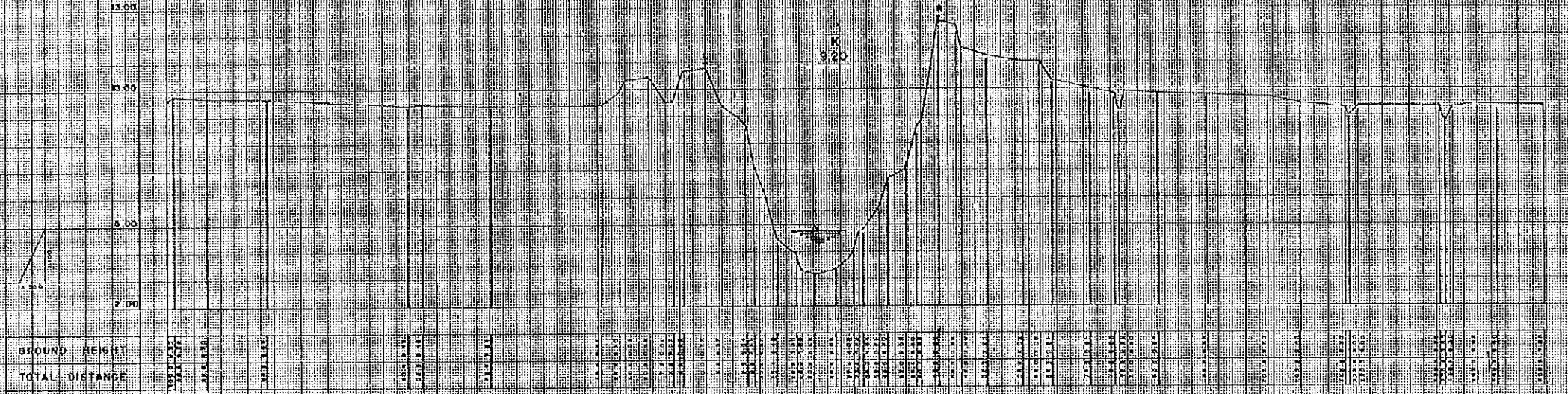
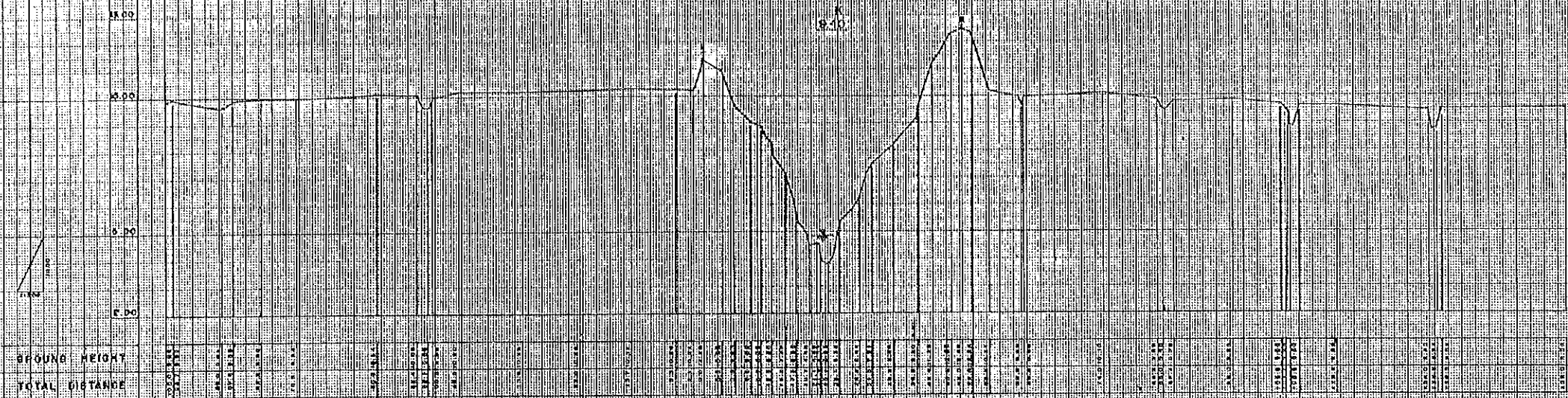
GROUND HEIGHT
TOTAL DISTANCE


GROUND HEIGHT
TOTAL DISTANCE

GROUND HEIGHT
TOTAL DISTANCE



THE REPUBLIC OF INDONESIA
DIRECTORATE GENERAL OF WATER RESOURCES DEVELOPMENT
MINISTRY OF PUBLIC WORKS
THE STUDY OF THE MASTER PLAN ON WATER RESOURCES
DEVELOPMENT AND FEASIBILITY STUDY
FOR URGENT FLOOD CONTROL AND URBAN DRAINAGE
FOR SEMARANG CITY AND SUBURB
CROSS SECTION BB-80
BABON RIVER
DECEMBER 1952 SHEET NO. 12/10




 THE REPUBLIC OF INDONESIA
 DIRECTORATE GENERAL OF WATER RESOURCES DEVELOPMENT
 MINISTRY OF PUBLIC WORKS
 THE STUDY OF THE MASTER PLAN ON WATER RESOURCES
 DEVELOPMENT AND FEASIBILITY STUDY
 FOR URGENT FLOOD CONTROL AND URBAN DRAINAGE
 FOR BEKASARI CITY AND SUBURBS
 CROSS SECTION BC - 8.4
BABON RIVER
 DRAWN BY: [Name] CHECKED BY: [Name]
 JAPAN INTERNATIONAL COOPERATION AGENCY