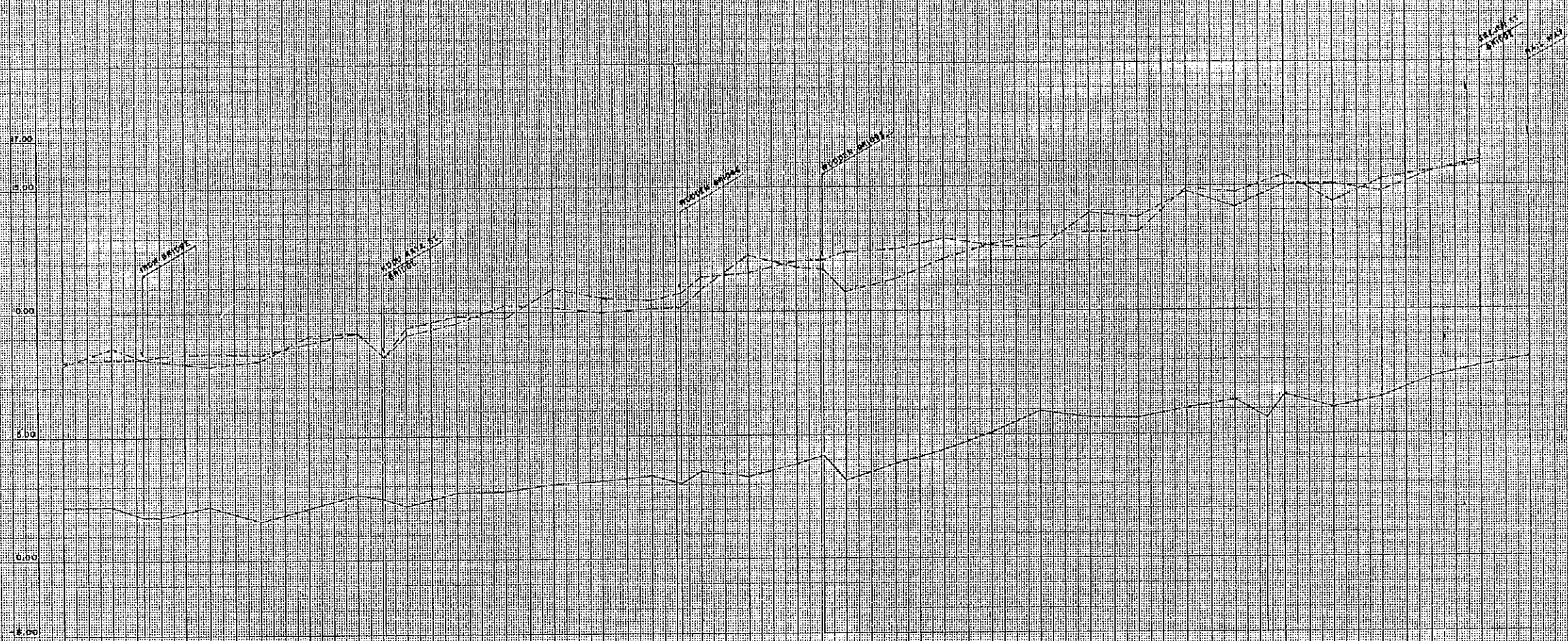


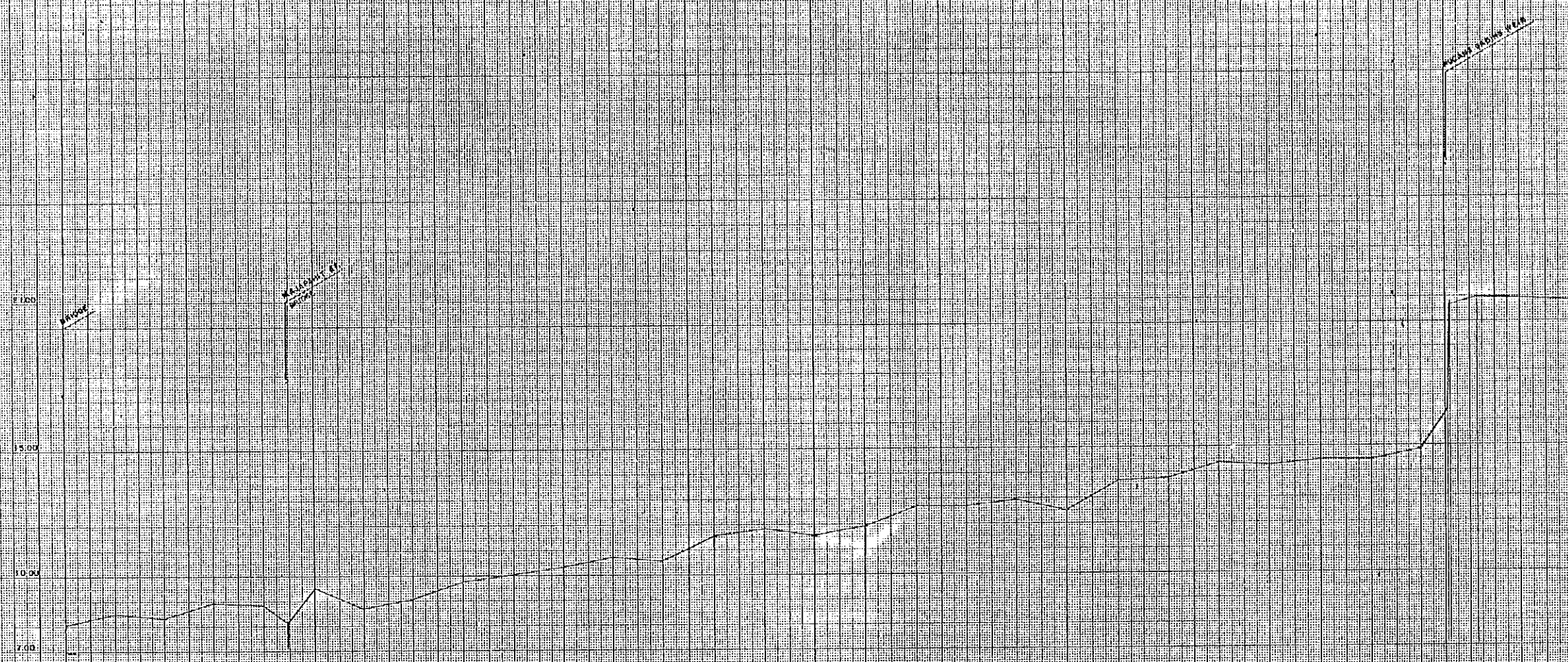
POINT NO	ACTUAL DISTANCE	ACCUMULATED DISTANCE	LOWEST SPOT OF C/SEC	RIGHT BANK	LEFT BANK
1	0.00	0.00	0.00	0.00	0.00
2	0.20	0.20	0.00	0.00	0.00
3	0.40	0.40	0.00	0.00	0.00
4	0.60	0.60	0.00	0.00	0.00
5	0.80	0.80	0.00	0.00	0.00
6	1.00	1.00	0.00	0.00	0.00
7	1.20	1.20	0.00	0.00	0.00
8	1.40	1.40	0.00	0.00	0.00
9	1.60	1.60	0.00	0.00	0.00
10	1.80	1.80	0.00	0.00	0.00
11	2.00	2.00	0.00	0.00	0.00
12	2.20	2.20	0.00	0.00	0.00
13	2.40	2.40	0.00	0.00	0.00
14	2.60	2.60	0.00	0.00	0.00
15	2.80	2.80	0.00	0.00	0.00
16	3.00	3.00	0.00	0.00	0.00
17	3.20	3.20	0.00	0.00	0.00
18	3.40	3.40	0.00	0.00	0.00
19	3.60	3.60	0.00	0.00	0.00
20	3.80	3.80	0.00	0.00	0.00
21	4.00	4.00	0.00	0.00	0.00
22	4.20	4.20	0.00	0.00	0.00
23	4.40	4.40	0.00	0.00	0.00
24	4.60	4.60	0.00	0.00	0.00
25	4.80	4.80	0.00	0.00	0.00
26	5.00	5.00	0.00	0.00	0.00
27	5.20	5.20	0.00	0.00	0.00
28	5.40	5.40	0.00	0.00	0.00
29	5.60	5.60	0.00	0.00	0.00
30	5.80	5.80	0.00	0.00	0.00
31	6.00	6.00	0.00	0.00	0.00

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
 LONGITUDINAL 0.0 — 6.0
BABON RIVER
 DECEMBER 1992
 SHEET NO. 1/4
 JAPAN INTERNATIONAL COOPERATION AGENCY



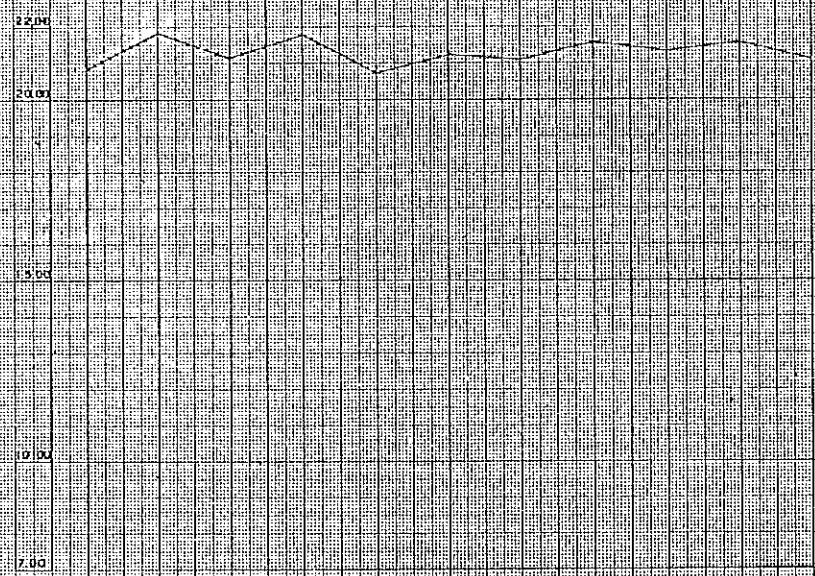
POINT NO	0.00	0.20	0.45	0.70	1.00	1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00	3.25	3.50	3.75	4.00	4.25	4.50	4.75	5.00	5.25	5.50	5.75	6.00	6.25	6.50	6.75	7.00	7.25	7.50	7.75	8.00	8.25	8.50	8.75	9.00	9.25	9.50	9.75	10.00	10.25	10.50	10.75	11.00	11.25	11.50	11.75	12.00			
ACTUAL DISTANCE	0.00	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	3000	3100	3200	3300	3400	3500	3600	3700	3800	3900	4000	4100	4200	4300	4400	4500	4600	4700	4800	4900	5000	
ACCUMULATED DISTANCE	0.00	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	3000	3100	3200	3300	3400	3500	3600	3700	3800	3900	4000	4100	4200	4300	4400	4500	4600	4700	4800	4900	5000	
LOWEST SPOT OF C/SEC	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
RIGHT BANK	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
LEFT BANK	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

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
 LONGITUDINAL 6.0—12.0
BABON RIVER
 DECEMBER 1992 SHEET NO. 2/4



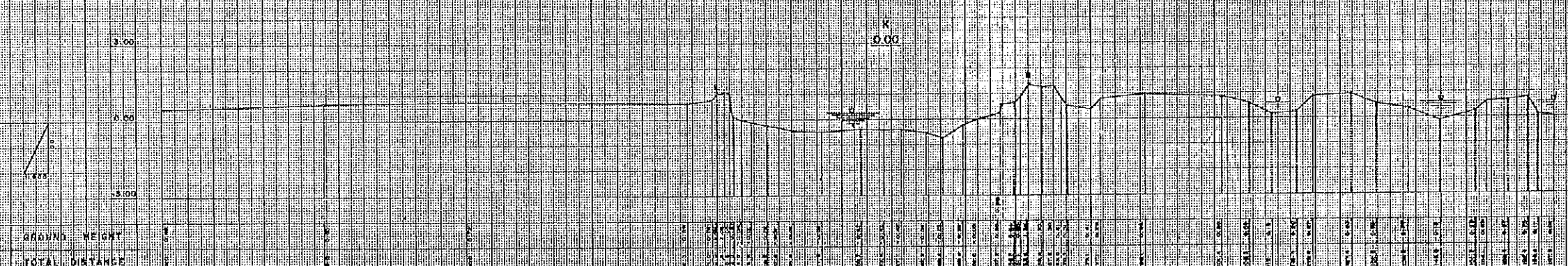
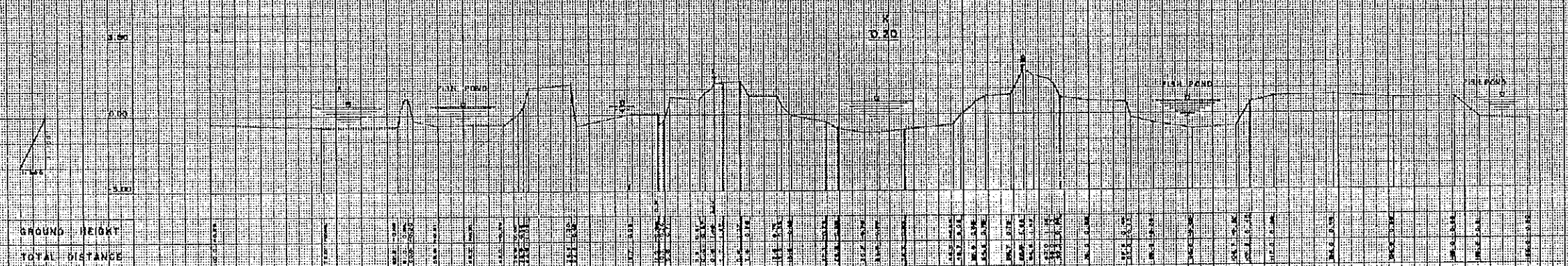
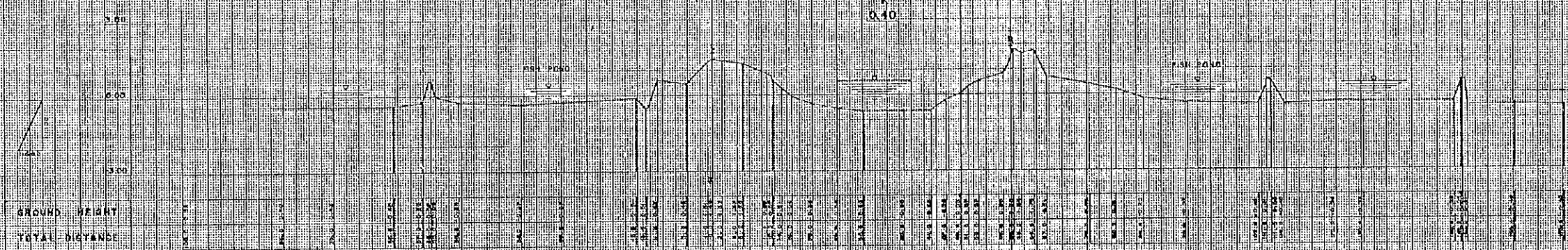
POINT NO	ACTUAL DISTANCE	ACCUMULATED DISTANCE	LOWEST SPOT OF C/SEC	RIGHT BANK	LEFT BANK
12.27	100	100	1.5	1.5	1.5
12.44	200	200	1.5	1.5	1.5
13.00	300	300	1.5	1.5	1.5
13.20	350	350	1.5	1.5	1.5
13.40	400	400	1.5	1.5	1.5
13.60	450	450	1.5	1.5	1.5
13.80	500	500	1.5	1.5	1.5
14.00	550	550	1.5	1.5	1.5
14.20	600	600	1.5	1.5	1.5
14.40	650	650	1.5	1.5	1.5
14.60	700	700	1.5	1.5	1.5
14.80	750	750	1.5	1.5	1.5
15.00	800	800	1.5	1.5	1.5
15.20	850	850	1.5	1.5	1.5
15.40	900	900	1.5	1.5	1.5
15.60	950	950	1.5	1.5	1.5
15.80	1000	1000	1.5	1.5	1.5
16.00	1050	1050	1.5	1.5	1.5
16.20	1100	1100	1.5	1.5	1.5
16.40	1150	1150	1.5	1.5	1.5
16.60	1200	1200	1.5	1.5	1.5
16.80	1250	1250	1.5	1.5	1.5
17.00	1300	1300	1.5	1.5	1.5
17.20	1350	1350	1.5	1.5	1.5
17.40	1400	1400	1.5	1.5	1.5
17.60	1450	1450	1.5	1.5	1.5
17.80	1500	1500	1.5	1.5	1.5
18.00	1550	1550	1.5	1.5	1.5

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 DEPARTMENT 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
 LONGITUDINAL 12.0 — 18.0
BABON RIVER
 DECEMBER 1991 SHEET NO. 8/4
 JAPAN INTERNATIONAL COOPERATION AGENCY

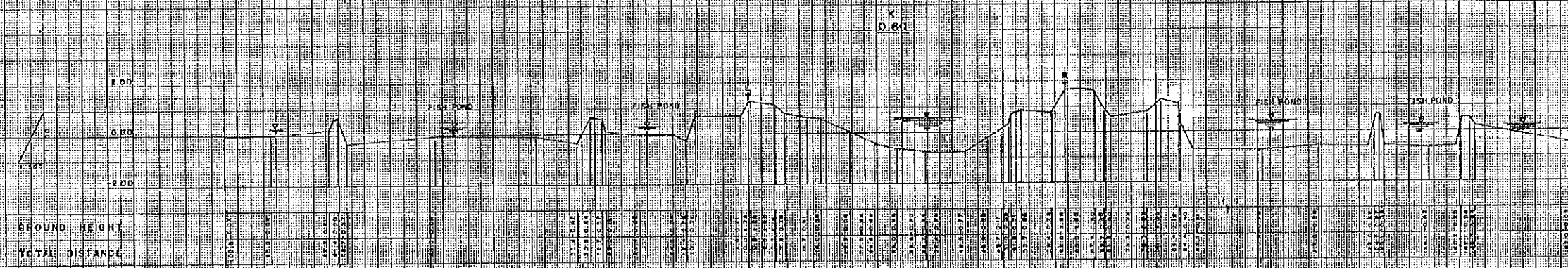
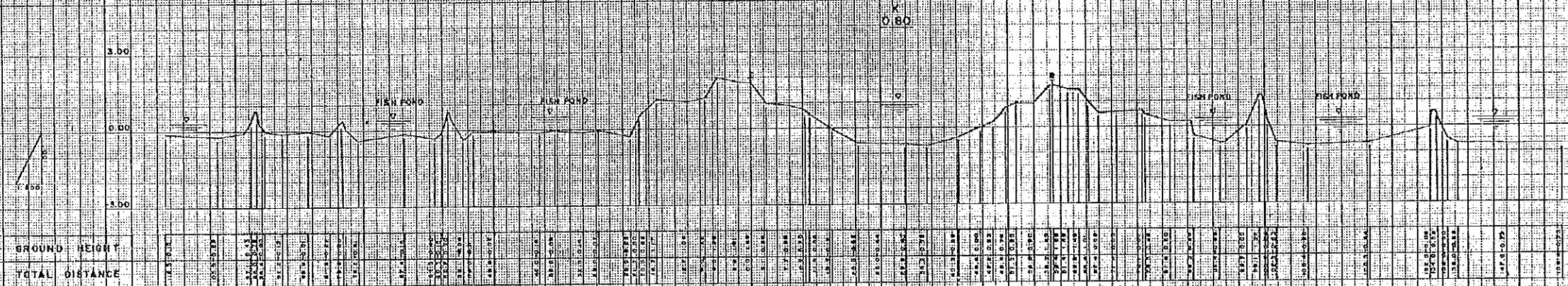
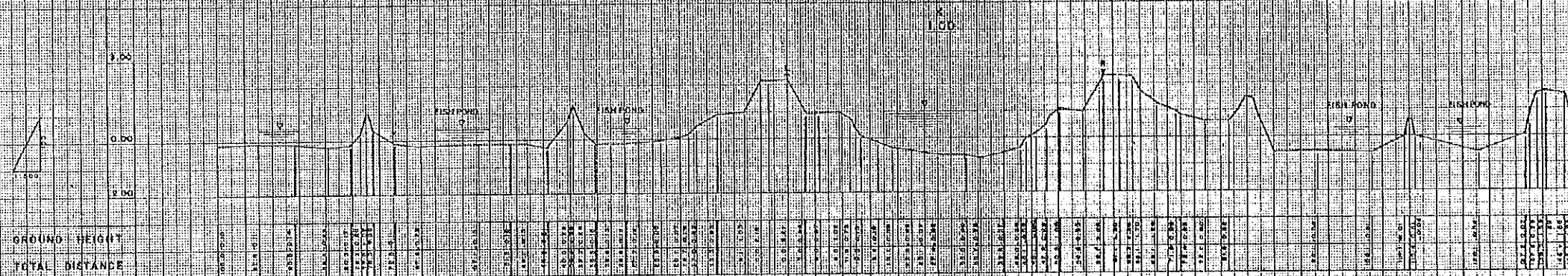


POINT NO	0	0.20	0.40	0.60	0.80	1.00	1.20	1.40	1.60	1.80	2.00
ACTUAL DISTANCE	0.00	0.20	0.40	0.60	0.80	1.00	1.20	1.40	1.60	1.80	2.00
ACCUMULATED DISTANCE	0.00	0.20	0.40	0.60	0.80	1.00	1.20	1.40	1.60	1.80	2.00
LOWEST SPOT OF CYSEC											
RIGHT BANK											
LEFT BANK											

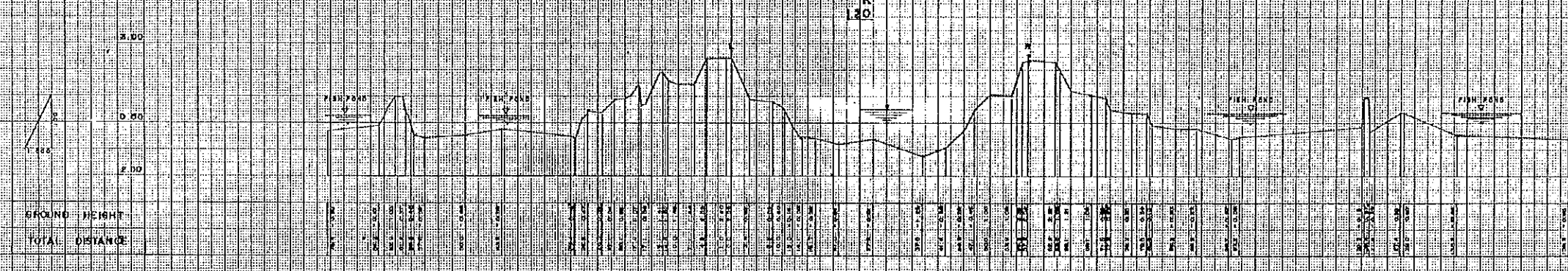
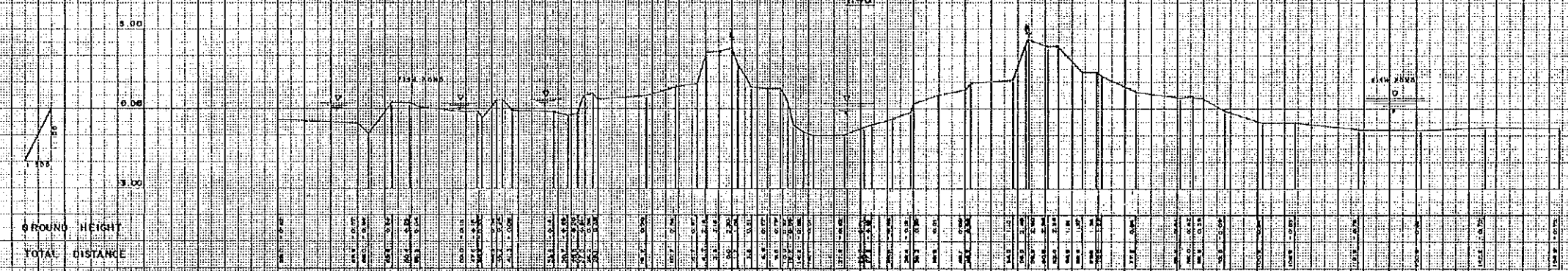
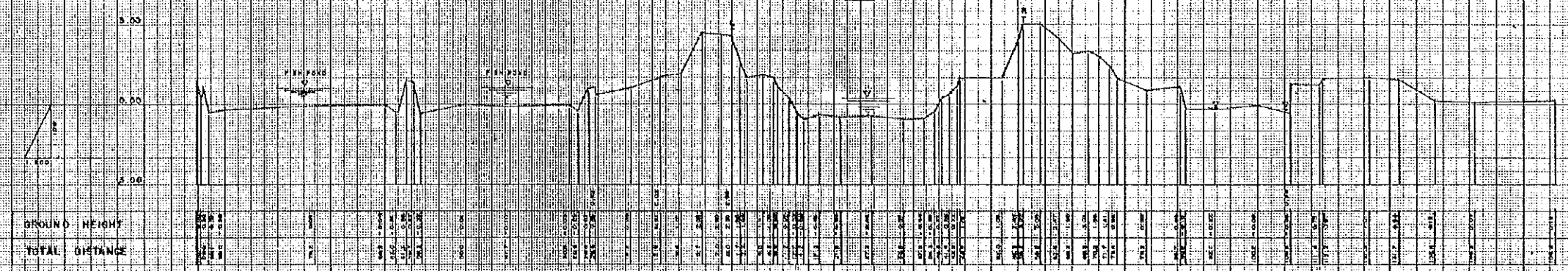
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 MINISTRY OF PUBLIC WORKS
 THE STUDY OF THE MASTER PLAN ON WATER RESOURCES
 DEVELOPMENT AND FEASIBILITY STUDY
 FOR URGENT FLOOD CONTROL AND URBAN DRAINAGE
 FOR SEMARANG CITY AND SUBURBS
 LONGITUDINAL 18.0 — 20.0
BABON RIVER
 DECEMBER 1992 SHEET NO. 4/4
 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 00—0.4
BABON RIVER
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THE REPUBLIC OF INDONESIA
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 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 0.6—1.0
BABON RIVER
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THE REPUBLIC OF INDONESIA
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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 1.2—1.6
BABON RIVER

DECEMBER 1992 SHEET NO. B/36



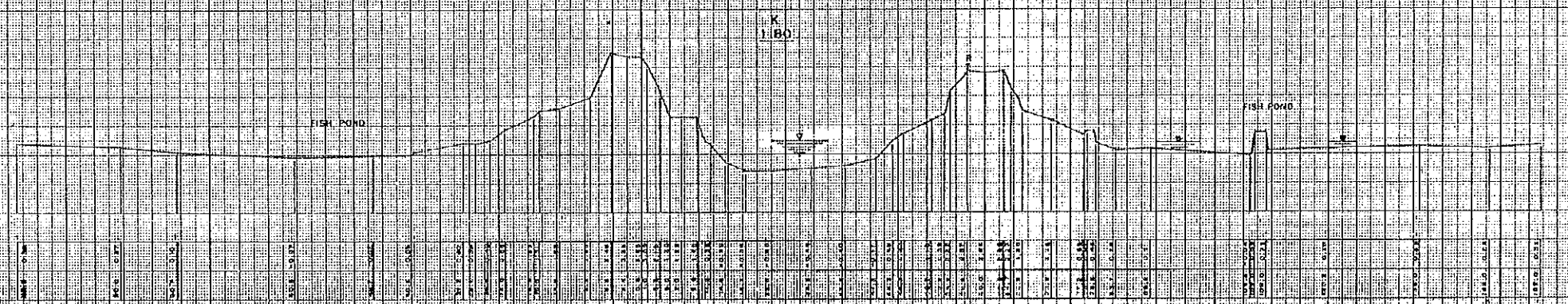
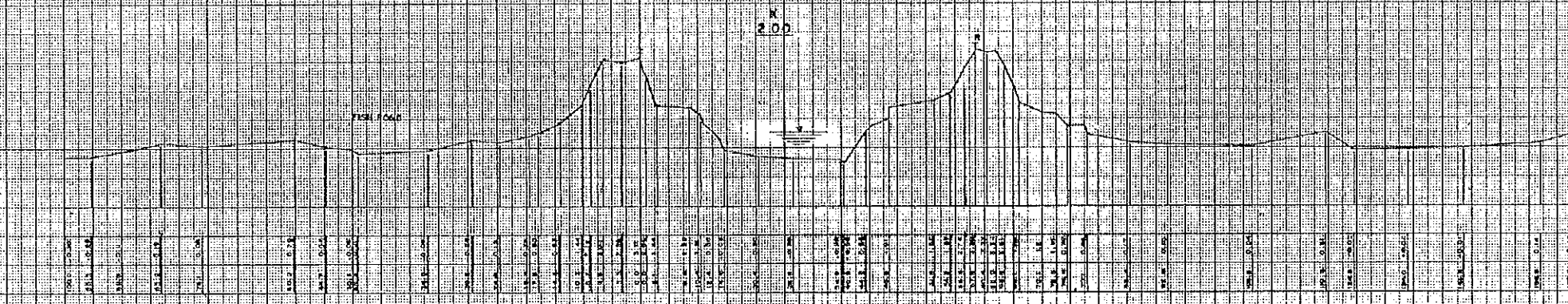
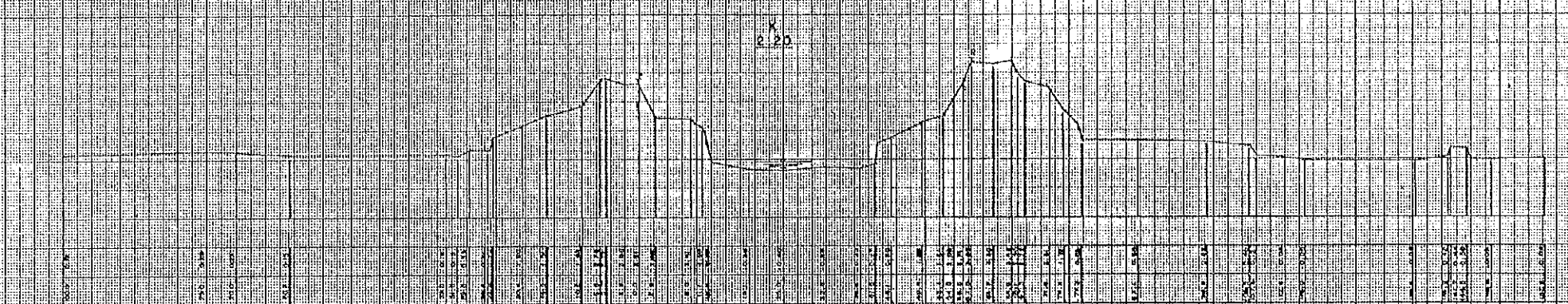
GROUND HEIGHT
TOTAL DISTANCE



GROUND HEIGHT
TOTAL DISTANCE



GROUND HEIGHT
TOTAL DISTANCE



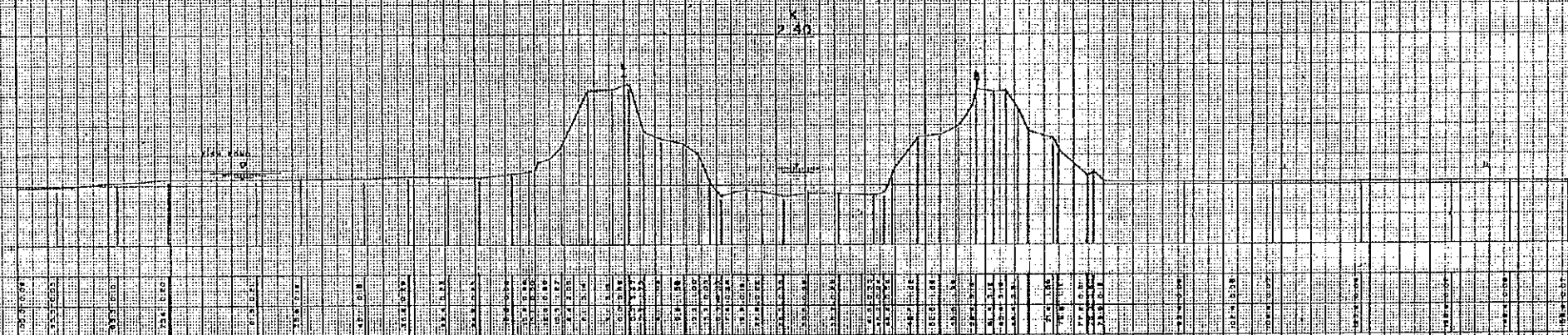
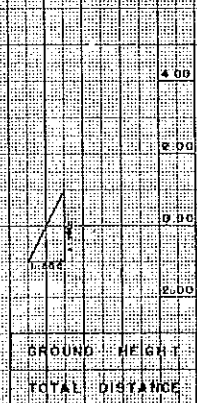
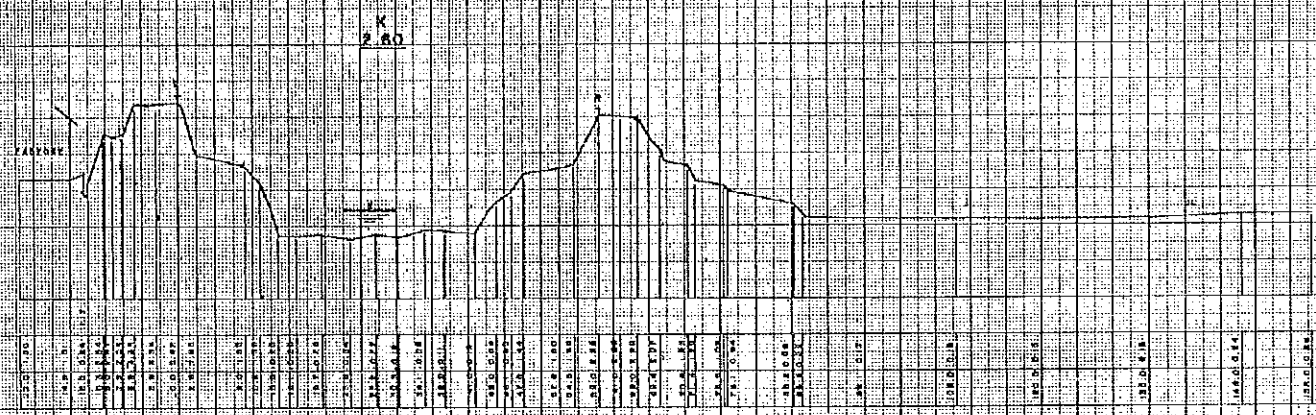
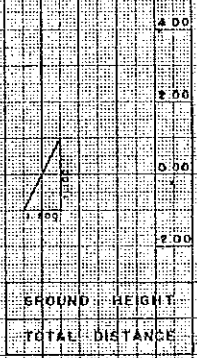
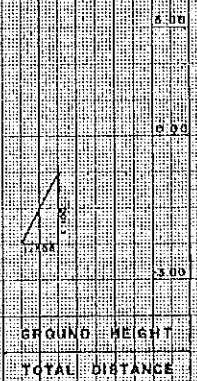
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THE STUDY OF THE MASTER PLAN ON WATER RESOURCES
 DEVELOPMENT AND FEASIBILITY STUDY
 FOR URGENT FLOOD CONTROL AND URBAN DRAINAGE
 FOR SEMARANG CITY AND SUBURBS

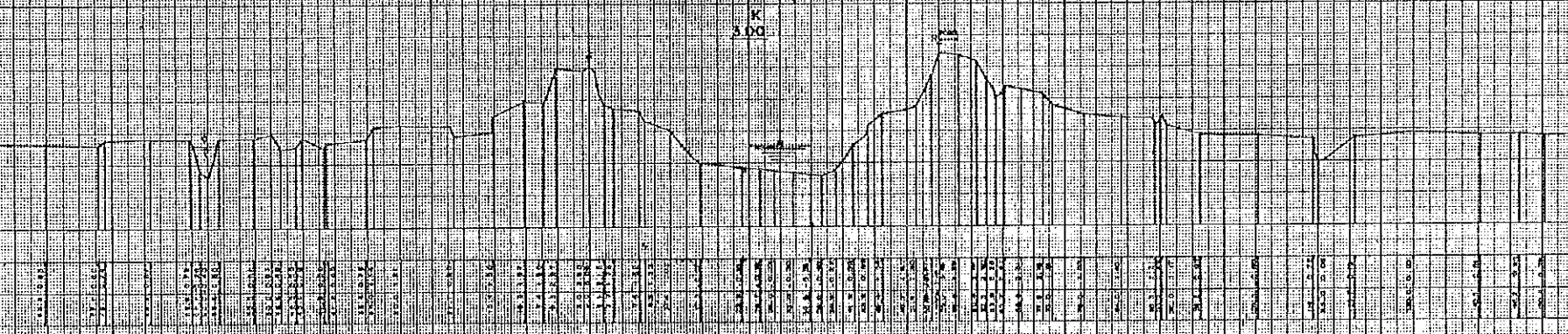
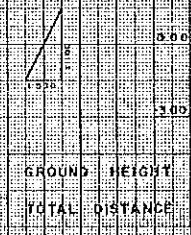
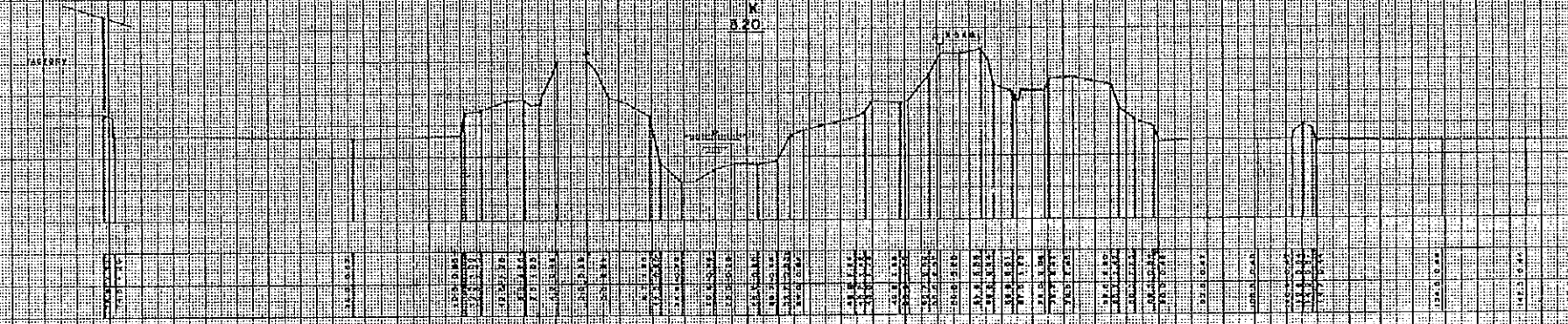
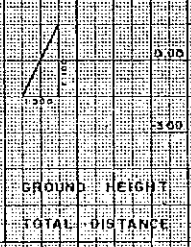
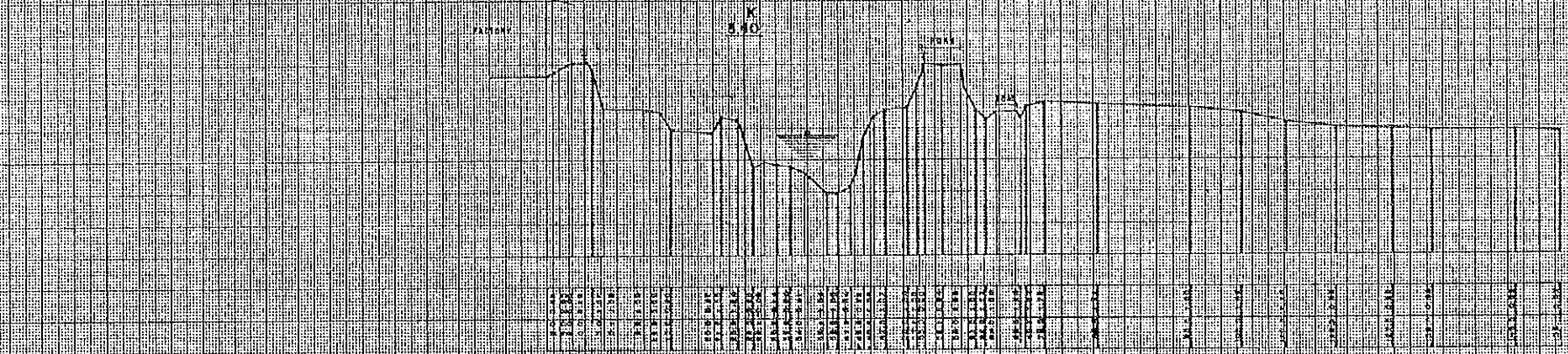
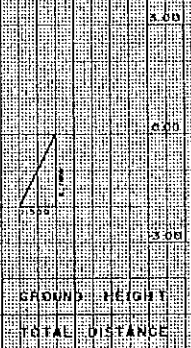
CROSS SECTION 1B-22
BABON RIVER

DECEMBER 1992 SHEET NO. 4/28

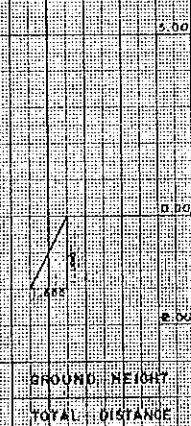
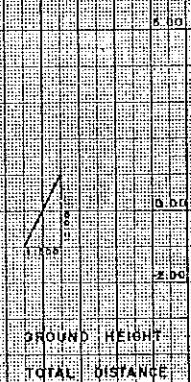
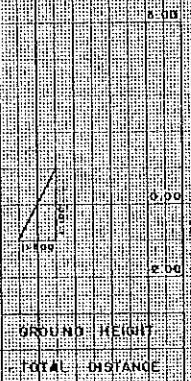
JAPAN INTERNATIONAL COOPERATION AGENCY



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 24--2.8
BABON RIVER
 DECEMBER 1992 SHEET NO. 26
 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 30—32
BABON RIVER
 DECEMBER 1962



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 3.6 — 4.0
BABON RIVER
 DECEMBER 1992 SHEET NO. 7/38
 JAPAN INTERNATIONAL COOPERATION AGENCY