

Figures

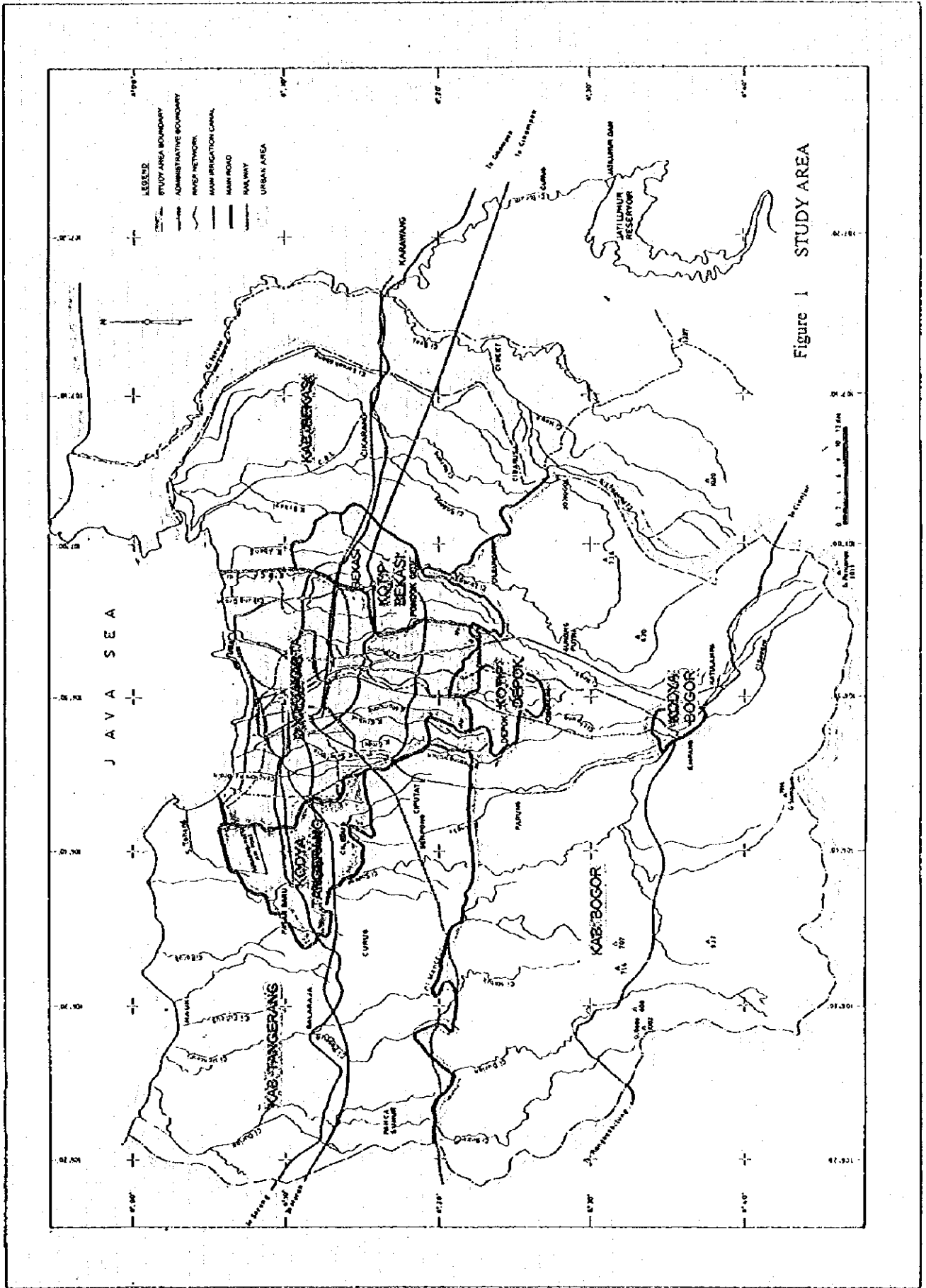
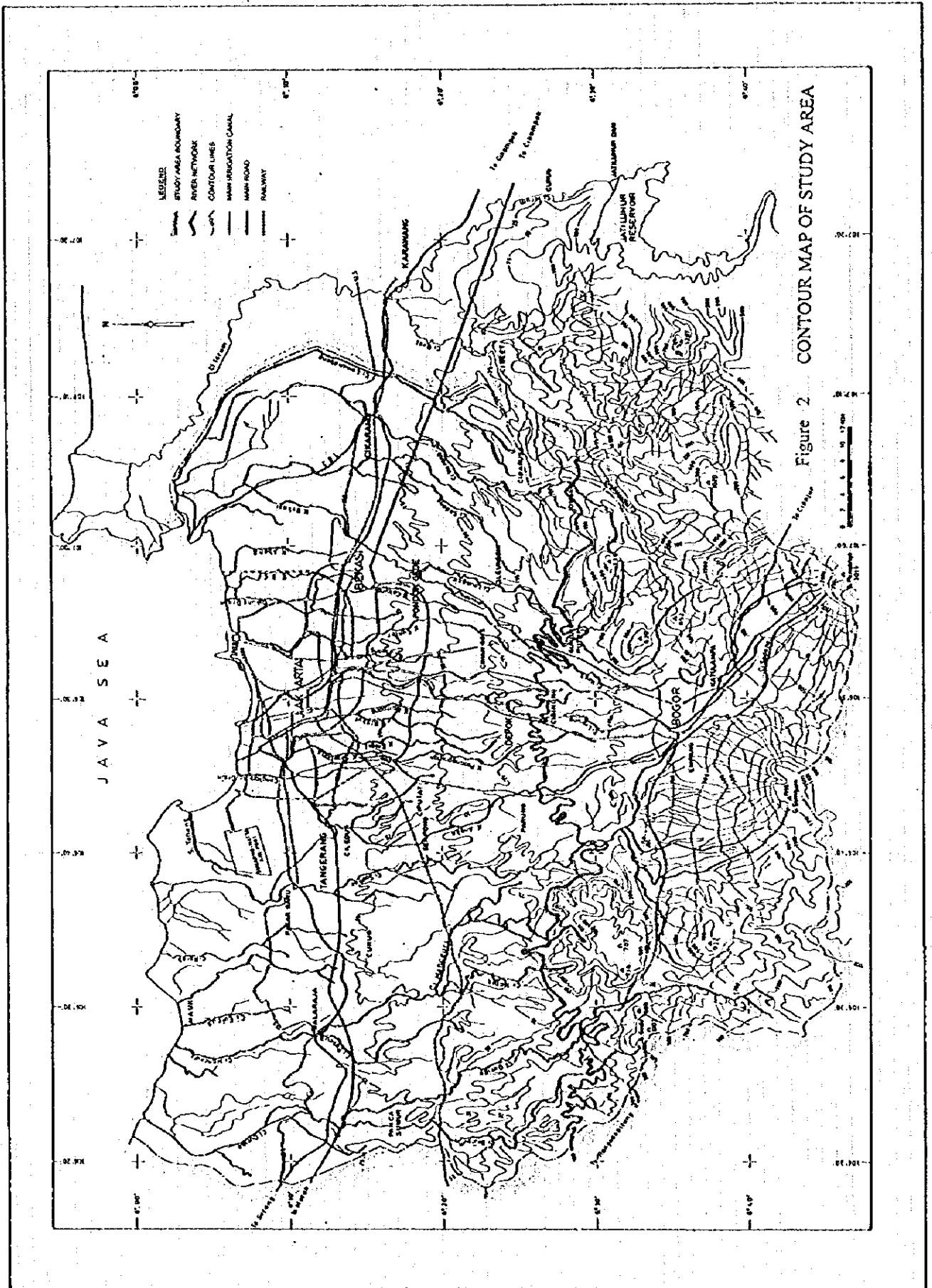
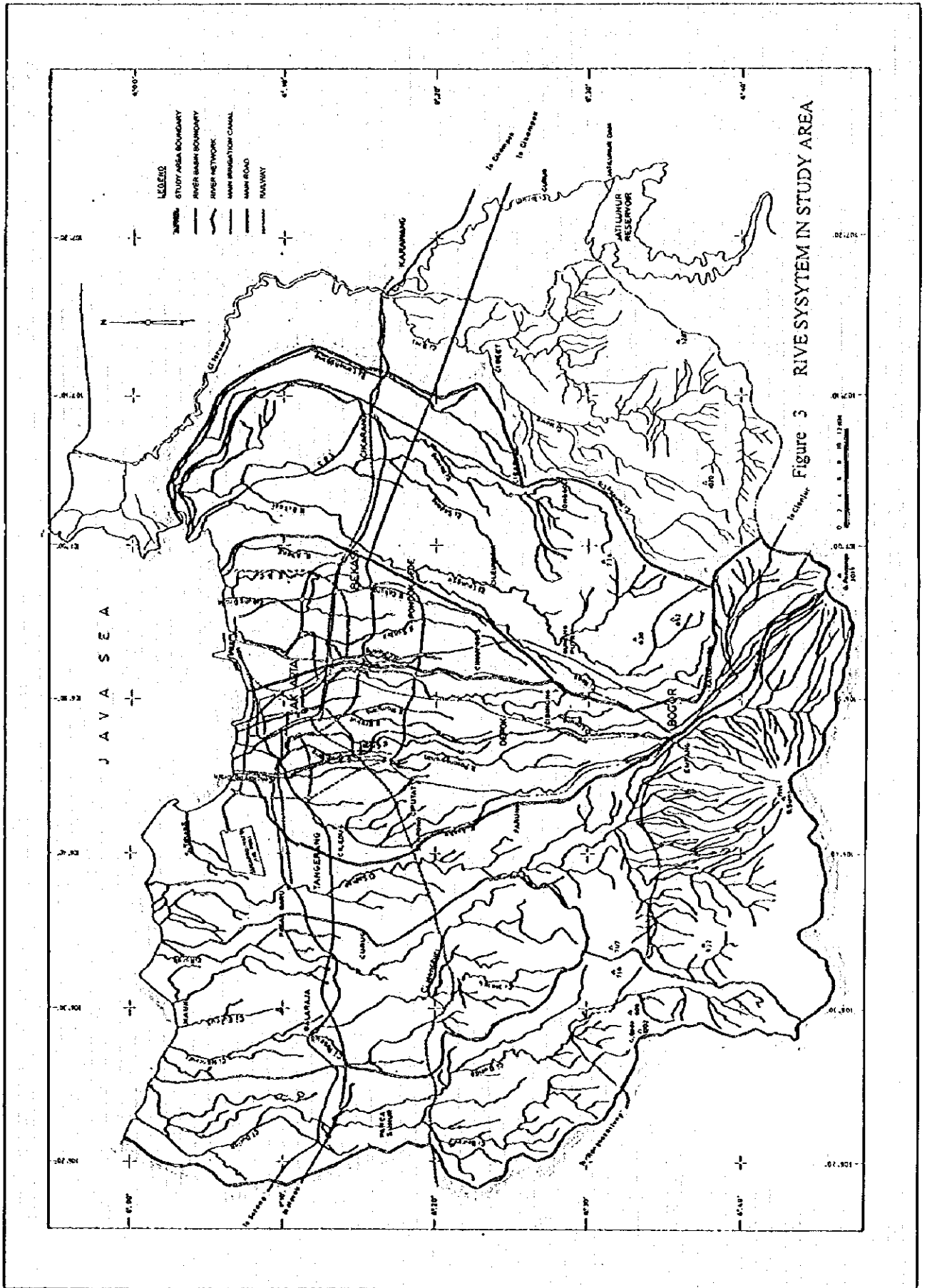
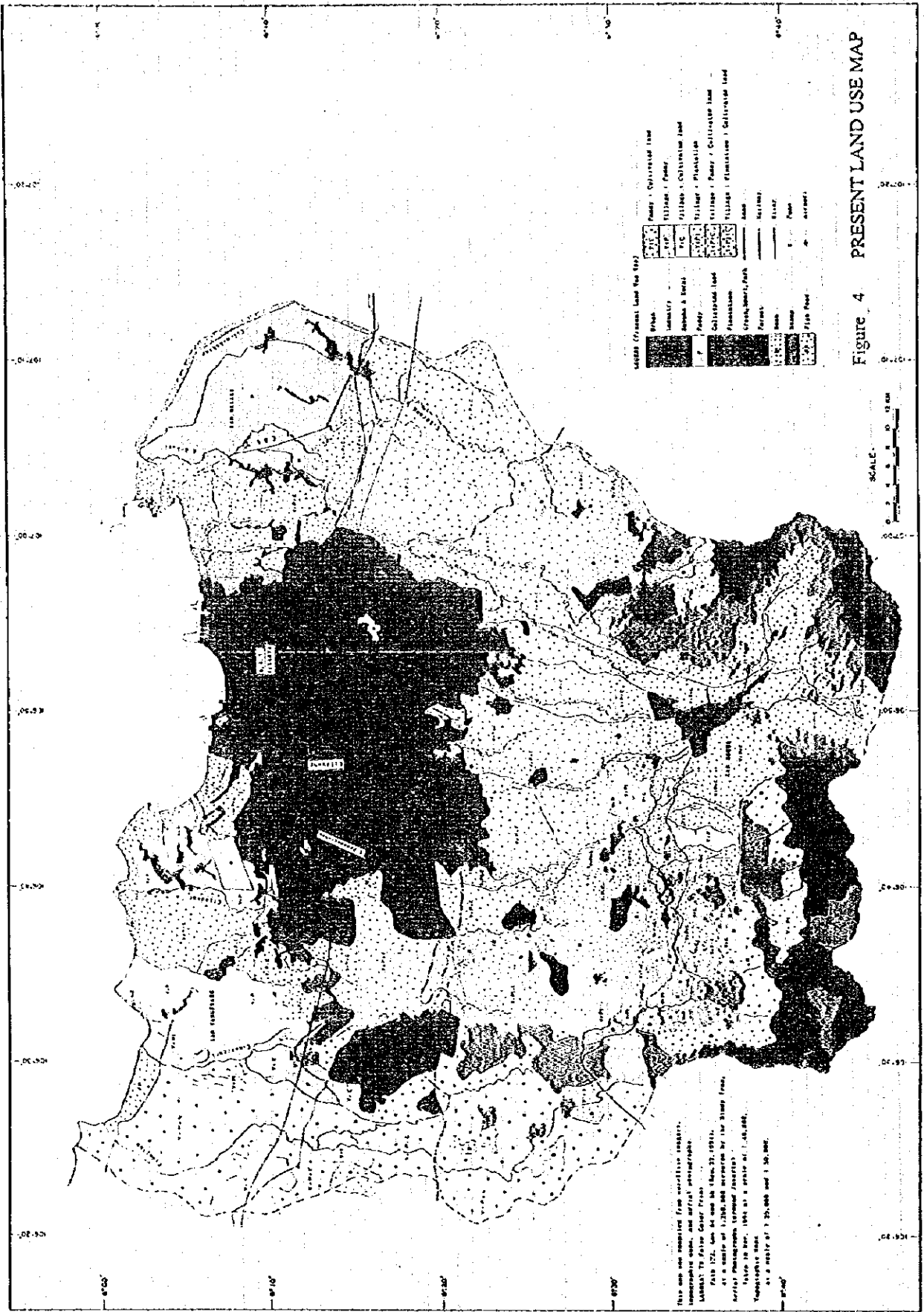


Figure 1 STUDY AREA







This map was prepared from satellite imagery, topographic maps, and aerial photographs. Aerial photographs were taken in 1970. This map was prepared for the State of Karnataka, India, and is a copy of the original map. The map is a copy of the original map. The map is a copy of the original map.

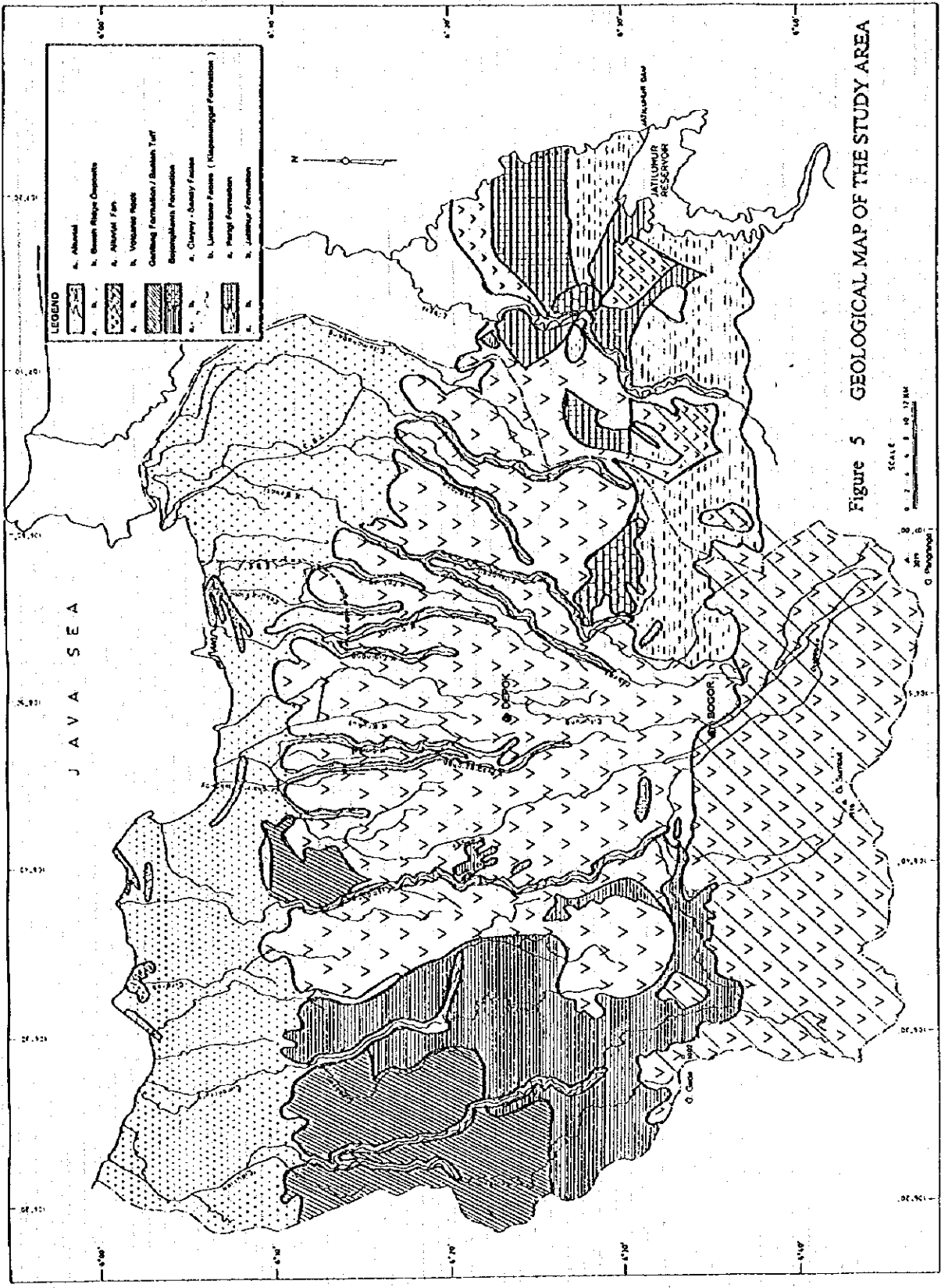
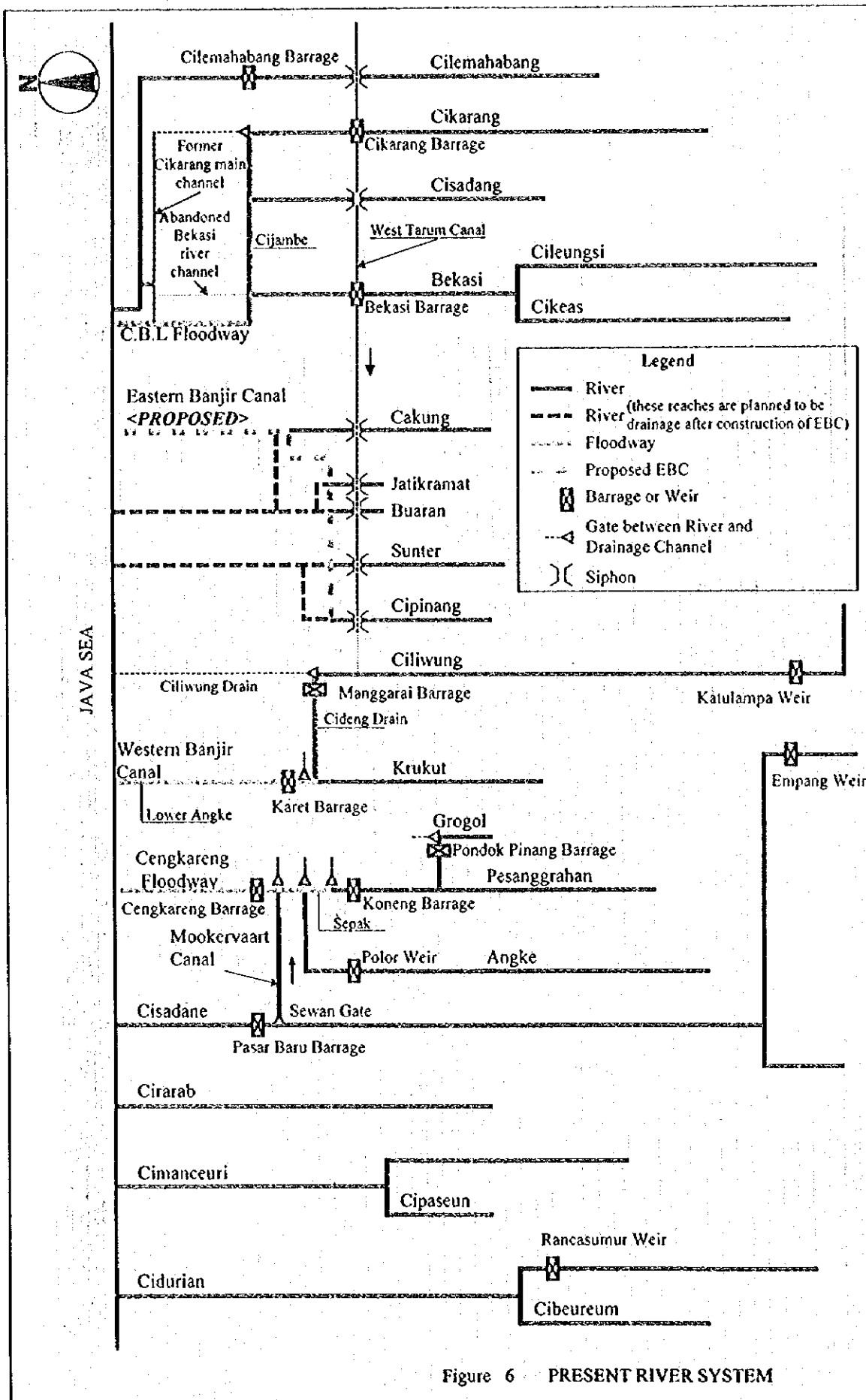


Figure 5 GEOLOGICAL MAP OF THE STUDY AREA



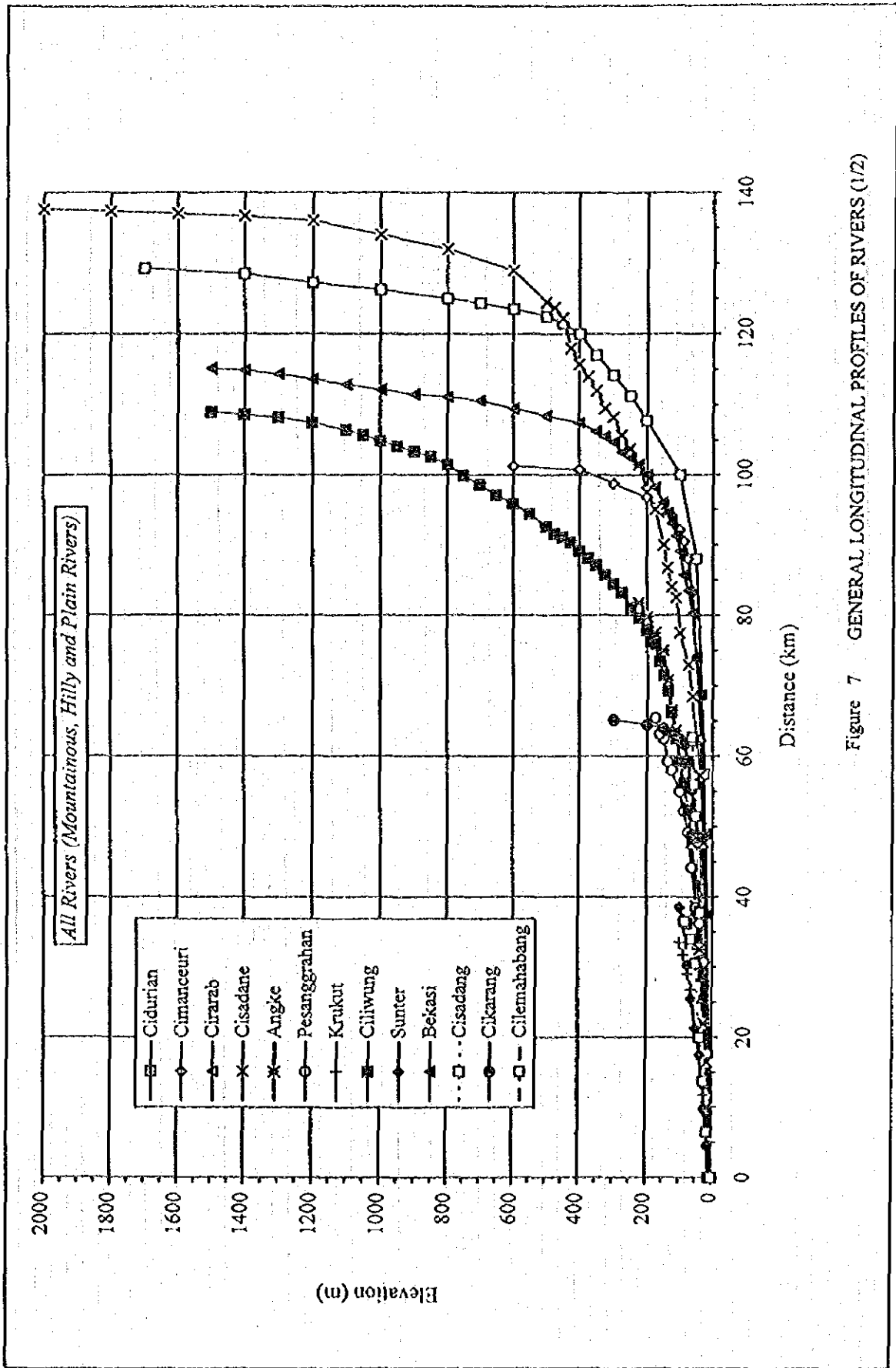


Figure 7 GENERAL LONGITUDINAL PROFILES OF RIVERS (1/2)

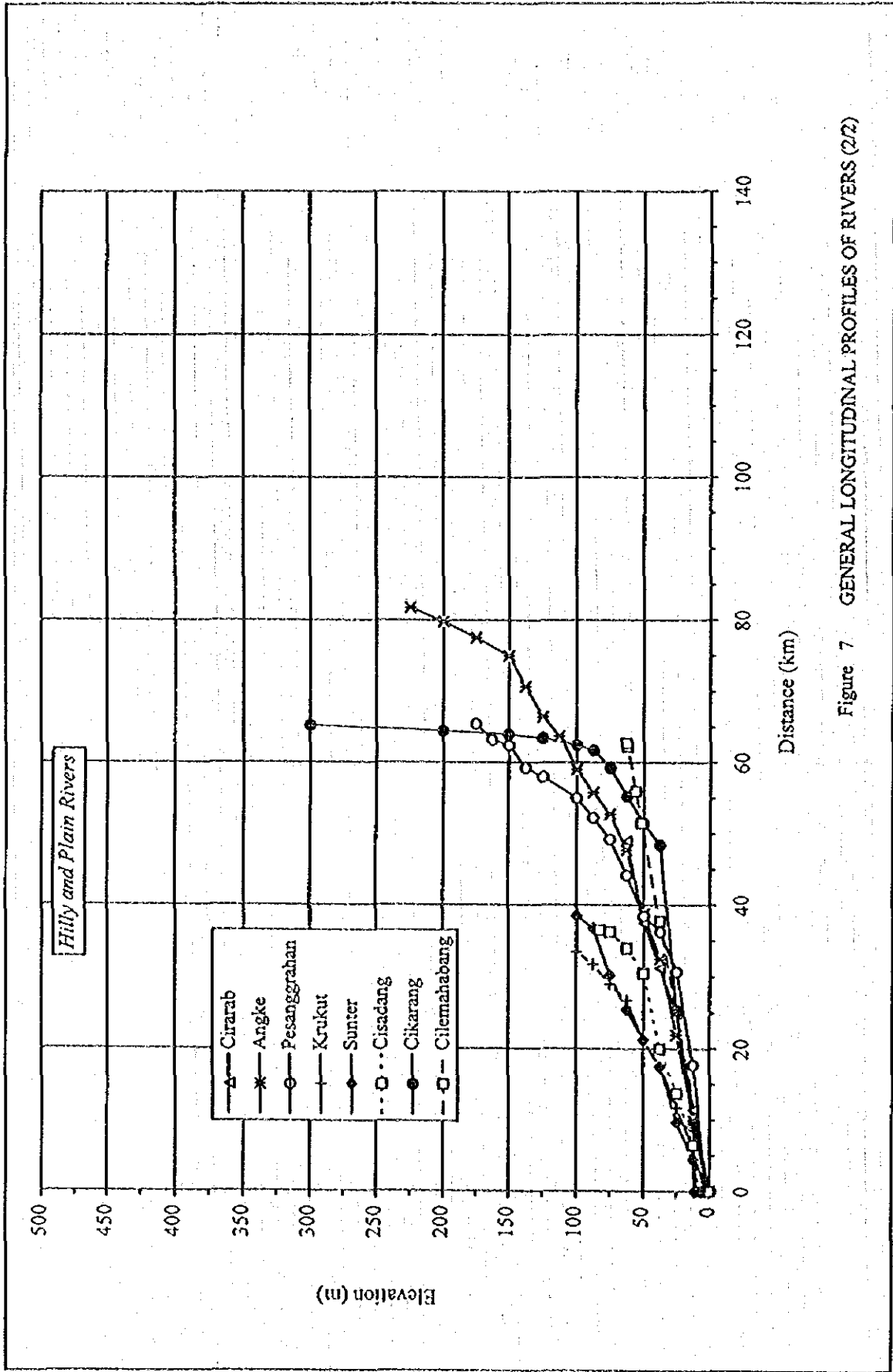


Figure 7 GENERAL LONGITUDINAL PROFILES OF RIVERS (2/2)

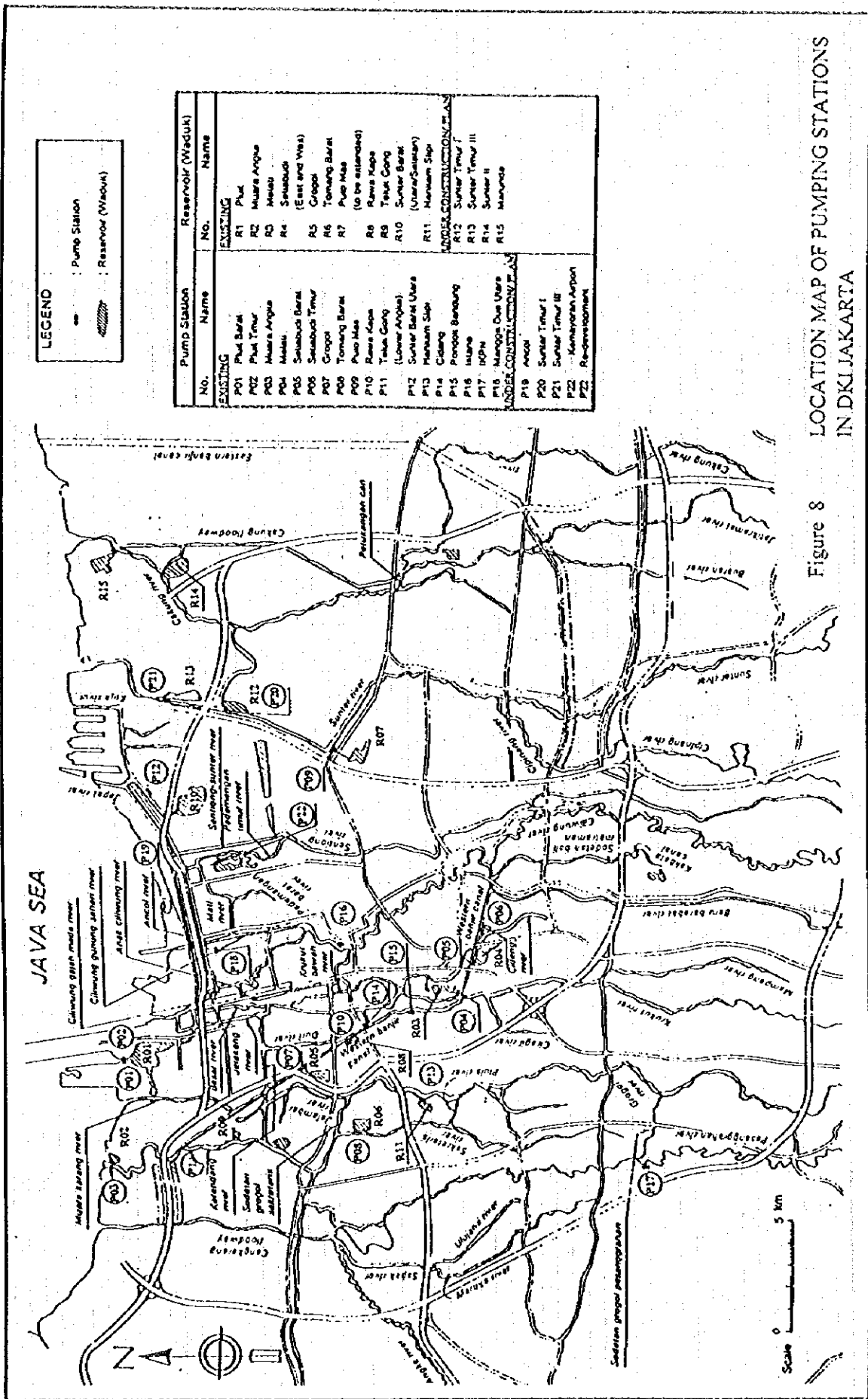


Figure 8 LOCATION MAP OF PUMPING STATIONS IN DKI JAKARTA

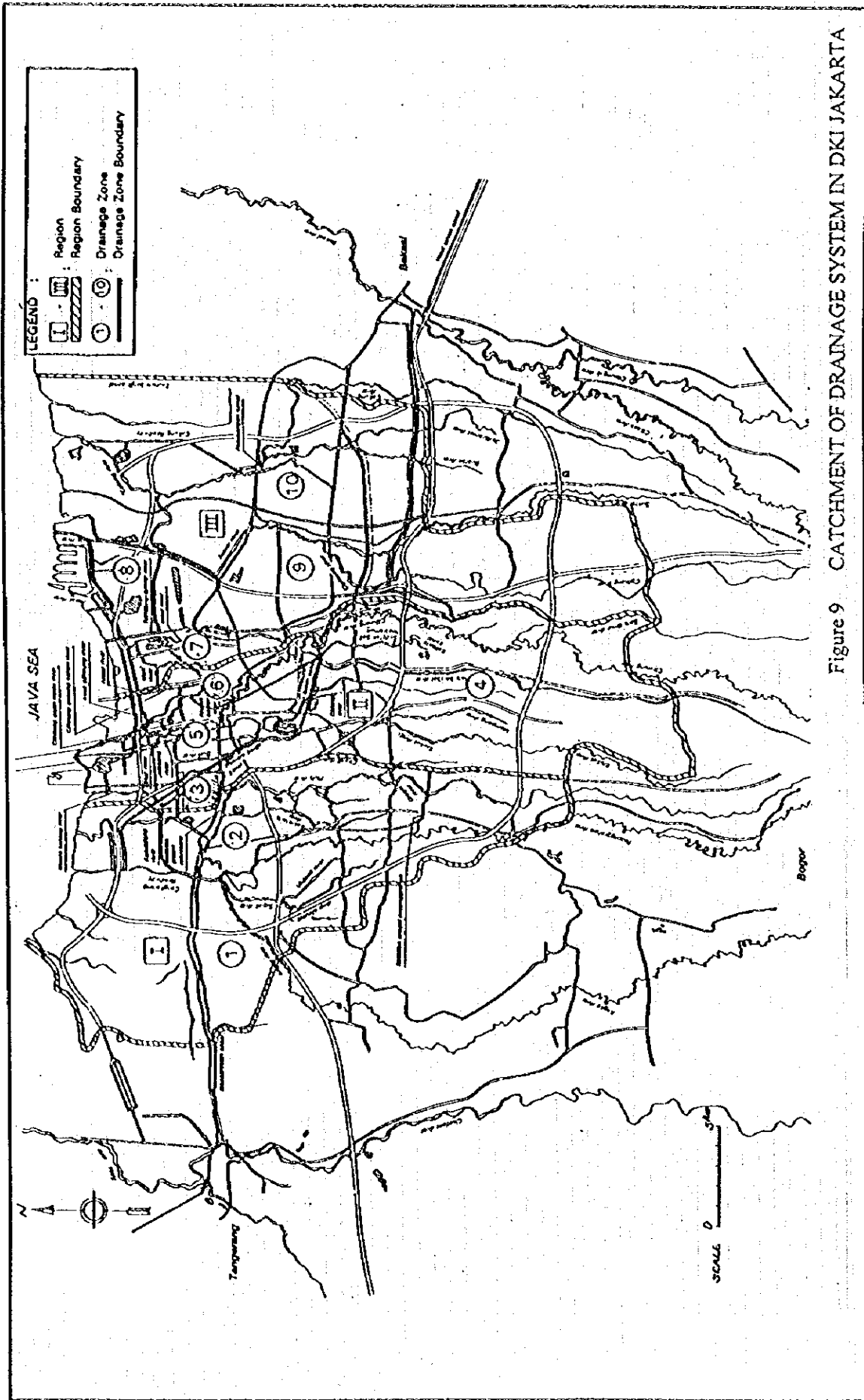


Figure 9 CATCHMENT OF DRAINAGE SYSTEM IN DKI JAKARTA

LEGEND :

- : $A \geq 100,000 \text{ m}^2$ and $D \geq 1.0 \text{ m}$
- ⊗ : $100,000 \text{ m}^2 > A \geq 50,000 \text{ m}^2$ and $1.0 \text{ m} > D \geq 0.5 \text{ m}$
- : $50,000 \text{ m}^2 > A \geq 10,000 \text{ m}^2$ and $0.5 \text{ m} > D \geq 0.2 \text{ m}$
- : Inundation Depth (m)
- : Inundation Area (m²)

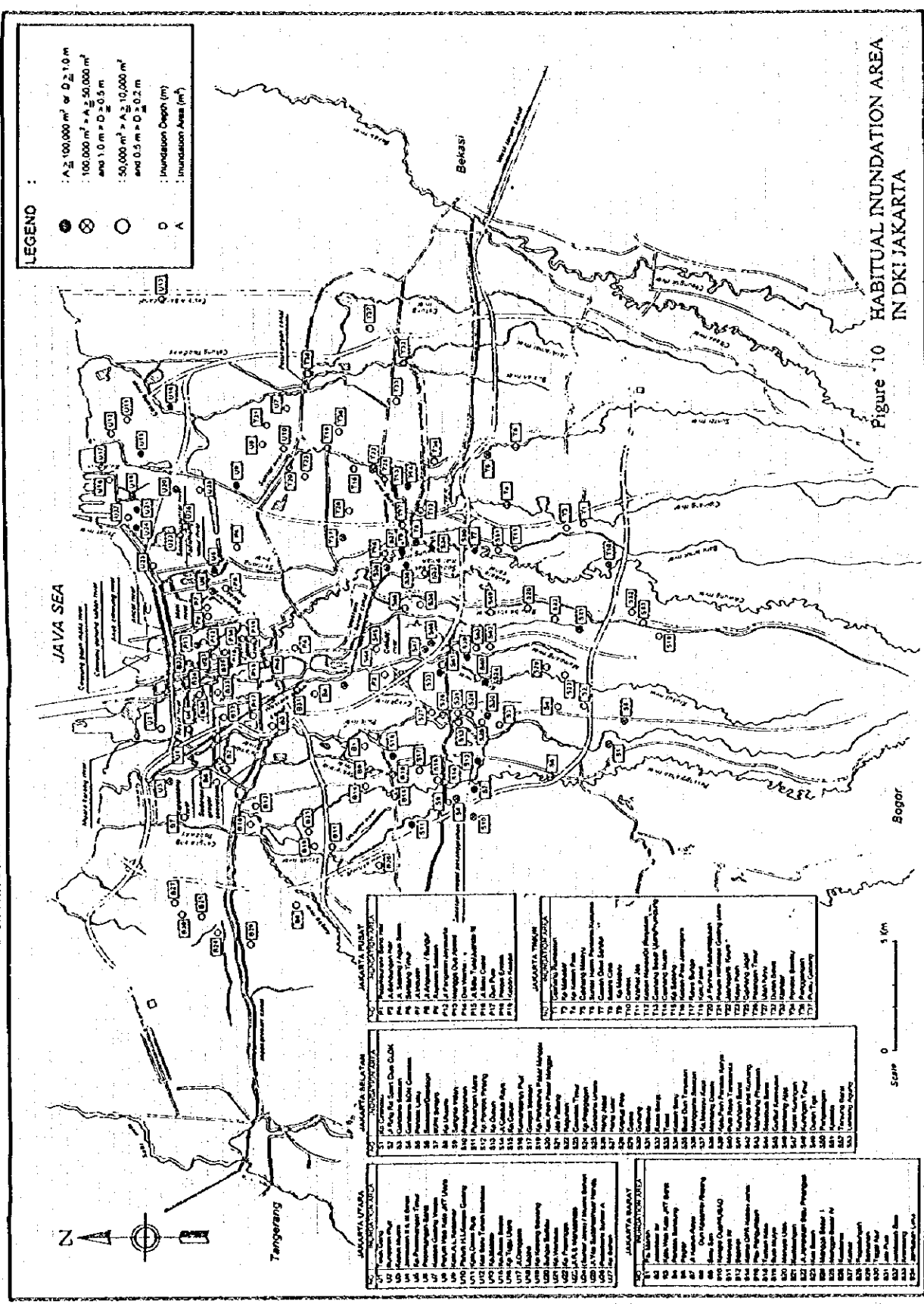


Figure 10 HABITUAL INUNDATION AREA IN DKI JAKARTA

JAKARTA UTARA		JAKARTA TIMUR	
51	Perumahan Paksi	71	Perumahan Paksi
52	Perumahan Paksi	72	Perumahan Paksi
53	Perumahan Paksi	73	Perumahan Paksi
54	Perumahan Paksi	74	Perumahan Paksi
55	Perumahan Paksi	75	Perumahan Paksi
56	Perumahan Paksi	76	Perumahan Paksi
57	Perumahan Paksi	77	Perumahan Paksi
58	Perumahan Paksi	78	Perumahan Paksi
59	Perumahan Paksi	79	Perumahan Paksi
60	Perumahan Paksi	80	Perumahan Paksi
61	Perumahan Paksi	81	Perumahan Paksi
62	Perumahan Paksi	82	Perumahan Paksi
63	Perumahan Paksi	83	Perumahan Paksi
64	Perumahan Paksi	84	Perumahan Paksi
65	Perumahan Paksi	85	Perumahan Paksi
66	Perumahan Paksi	86	Perumahan Paksi
67	Perumahan Paksi	87	Perumahan Paksi
68	Perumahan Paksi	88	Perumahan Paksi
69	Perumahan Paksi	89	Perumahan Paksi
70	Perumahan Paksi	90	Perumahan Paksi

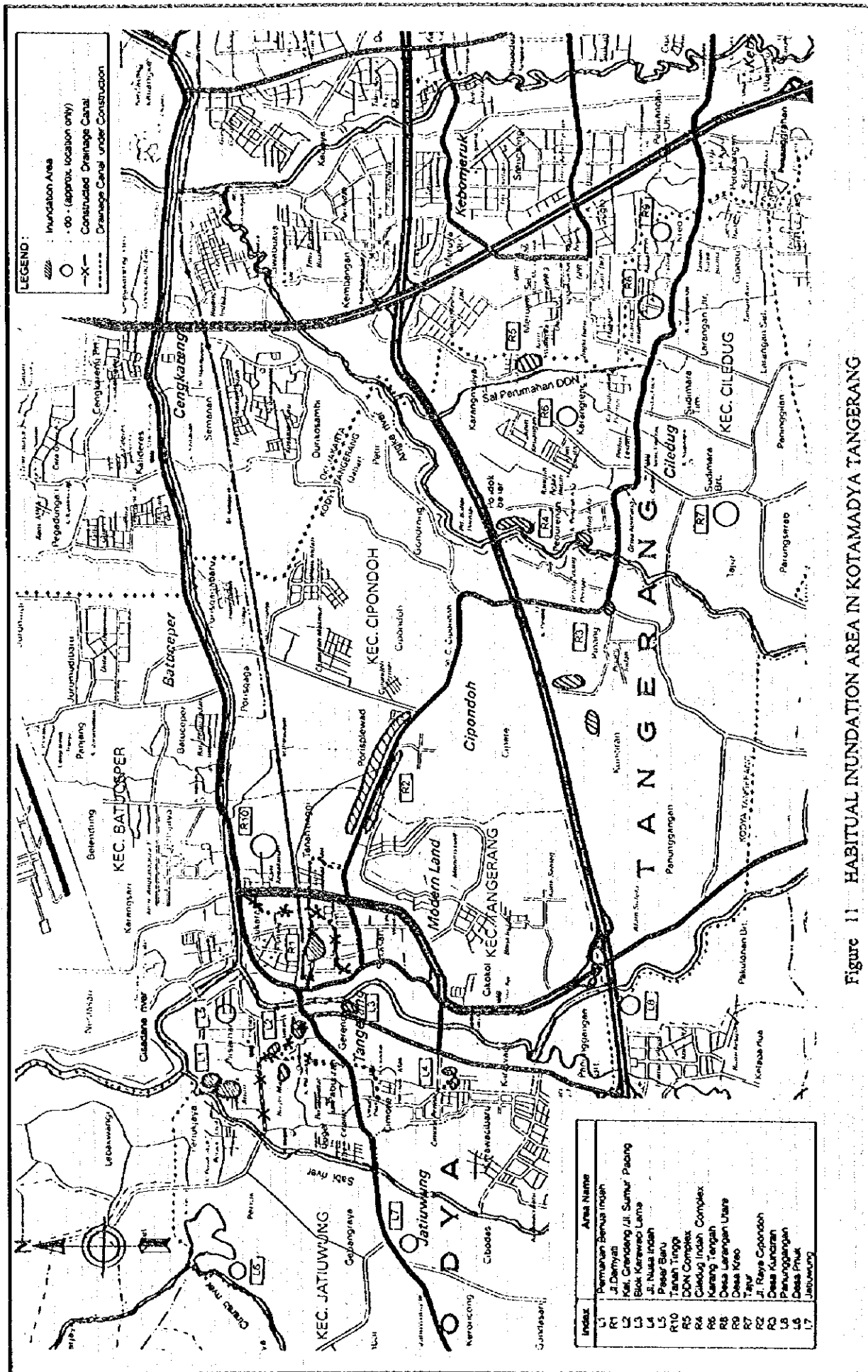


Figure 11 HABITUAL INUNDATION AREA IN KOTAMADYA TANGERANG

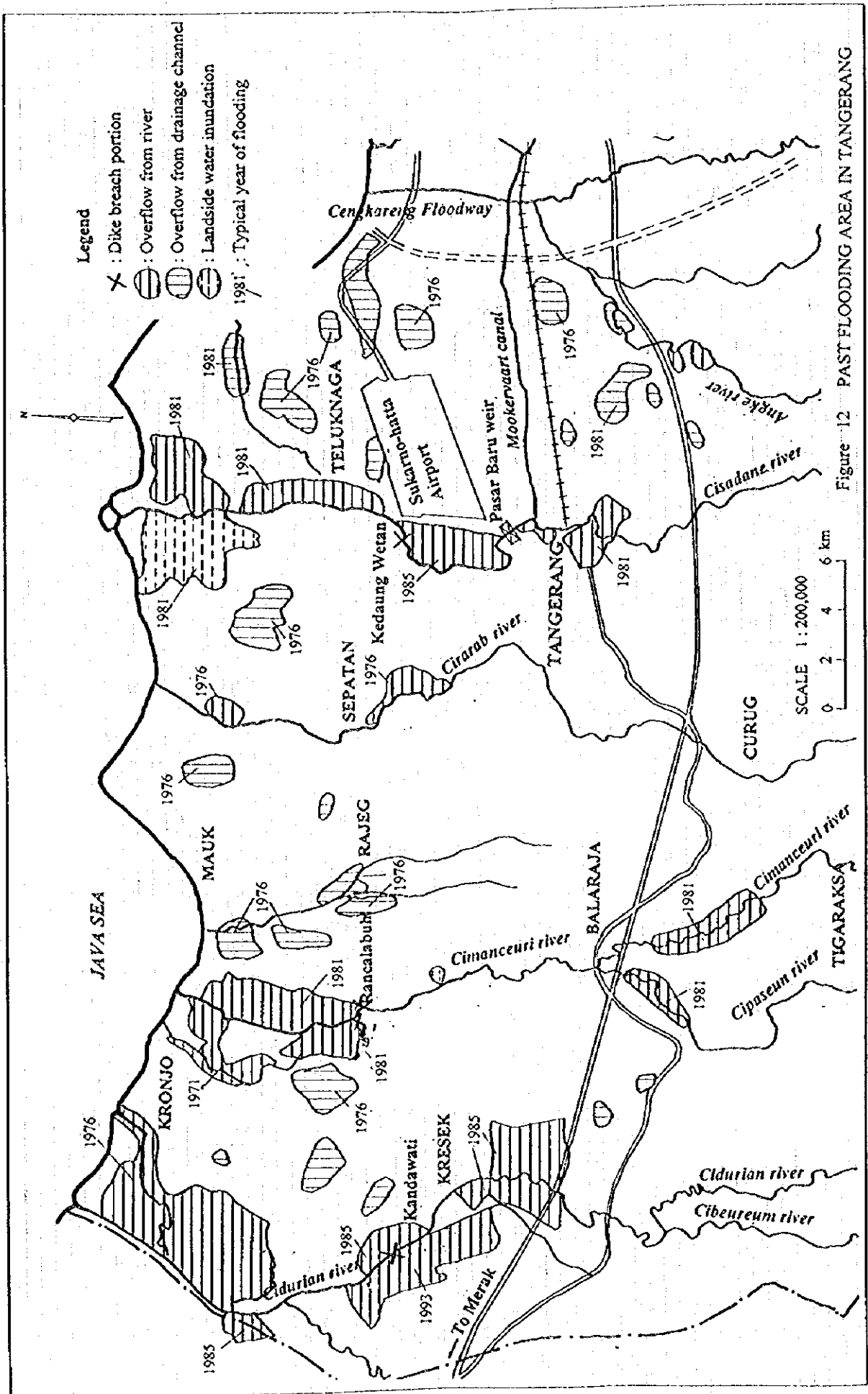
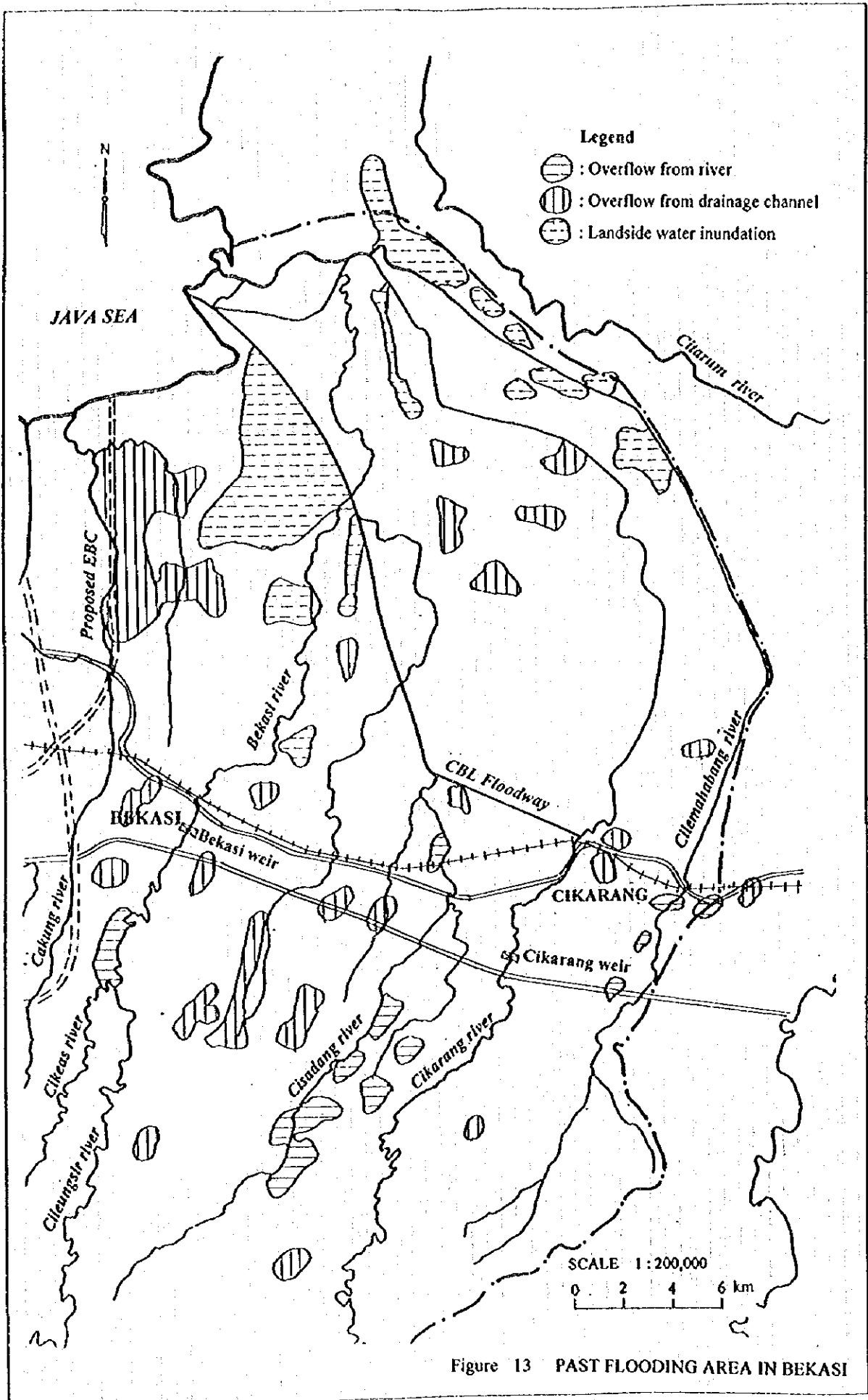


Figure 12 PAST FLOODING AREA IN TANGERANG



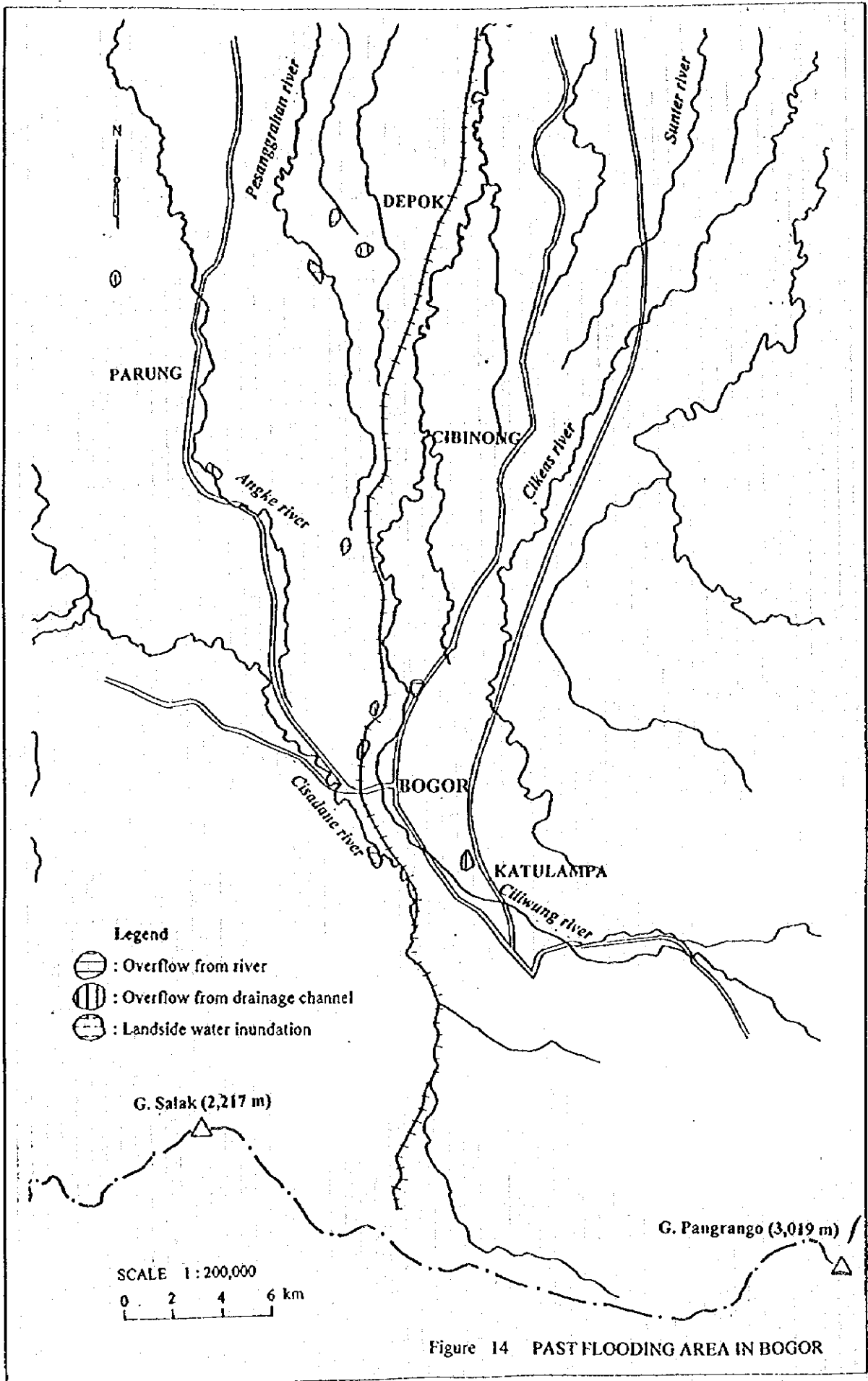


Figure 14 PAST FLOODING AREA IN BOGOR

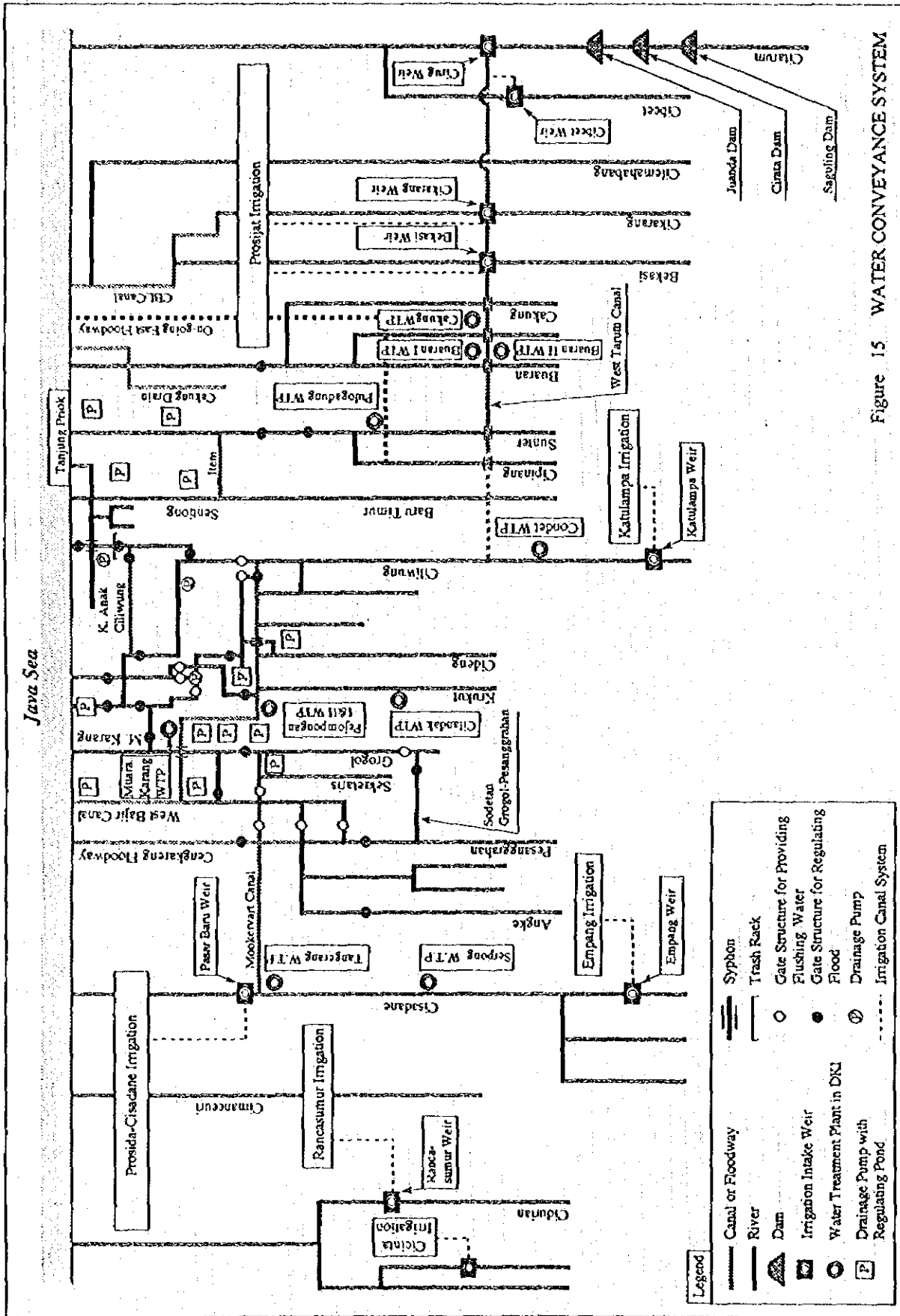


Figure 15 WATER CONVEYANCE SYSTEM

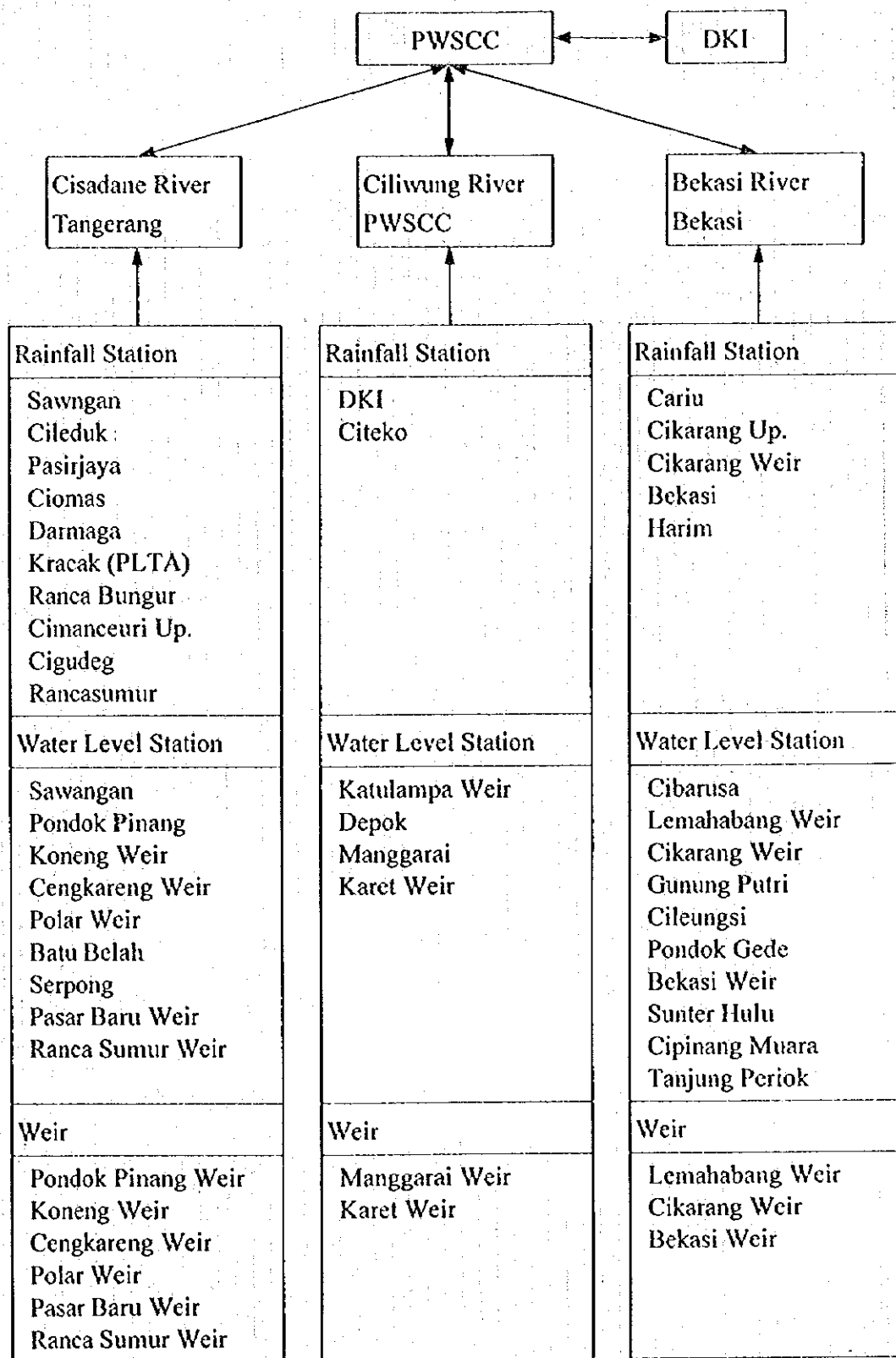


Figure 16 PRESENT RIVER WATER MONITORING SYSTEM

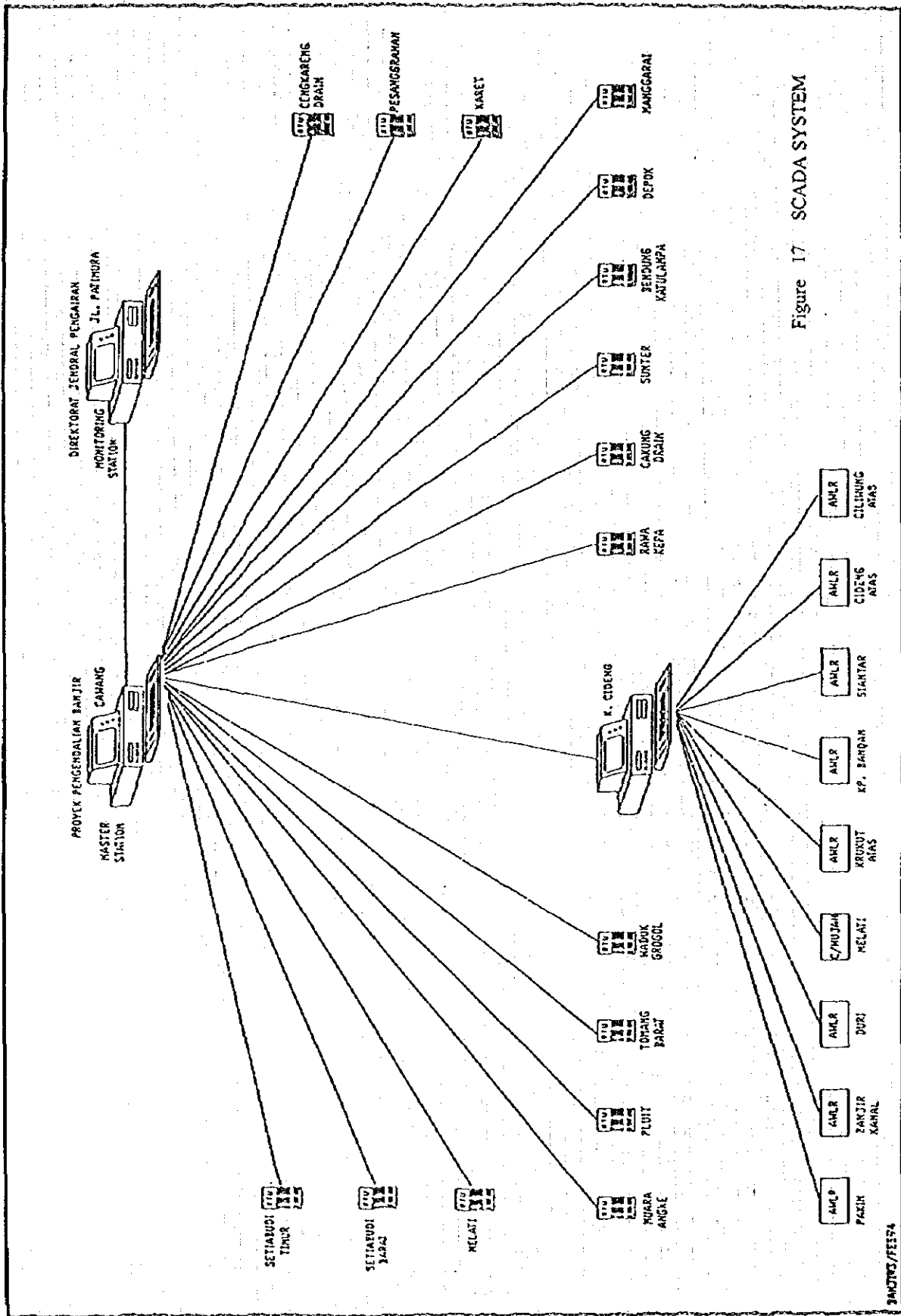


Figure 17 SCADA SYSTEM

CHART OF

INTER-RELATION BETWEEN DGWR AND THE PIPWS CILWUNG - CISADANE

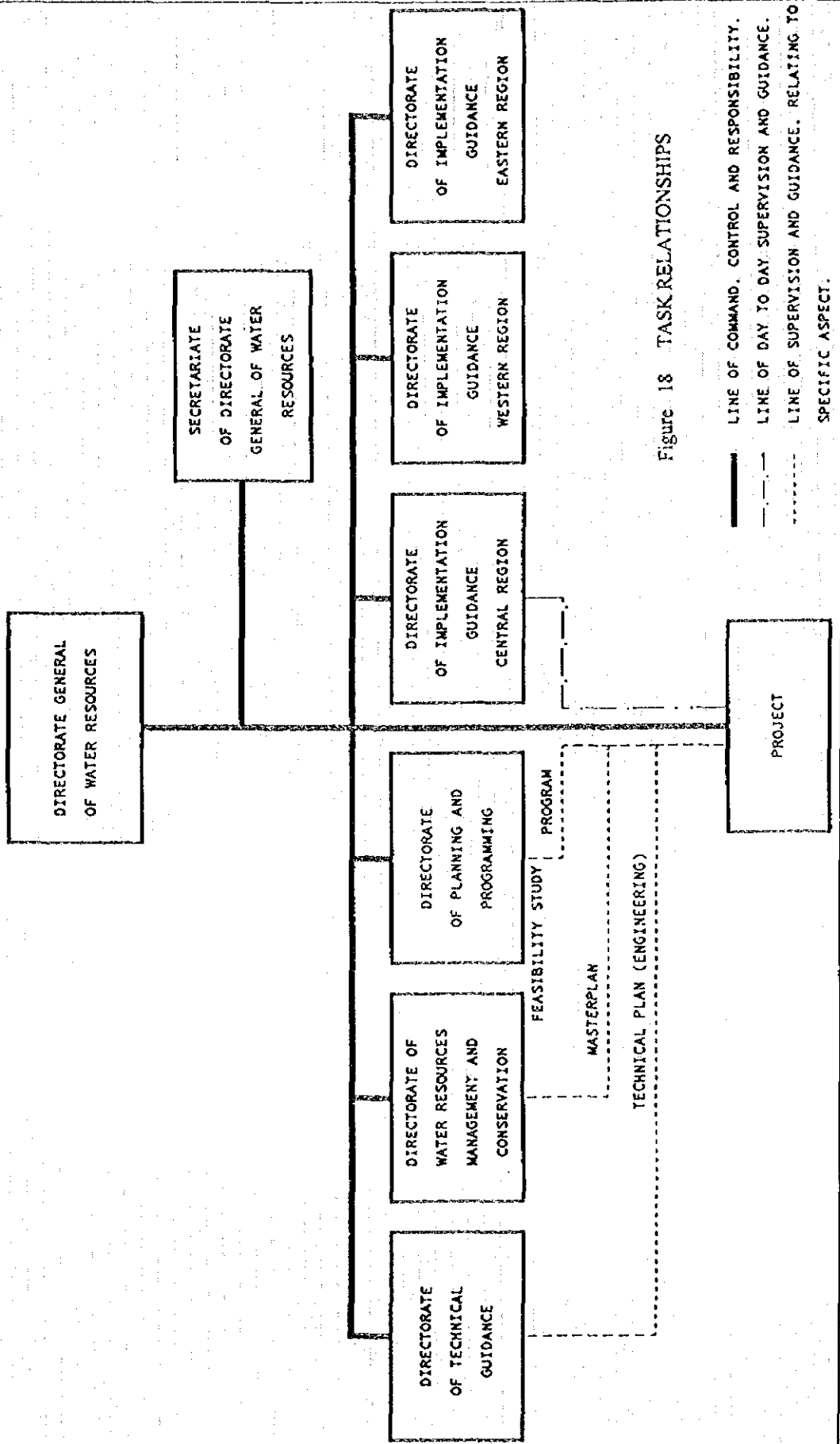
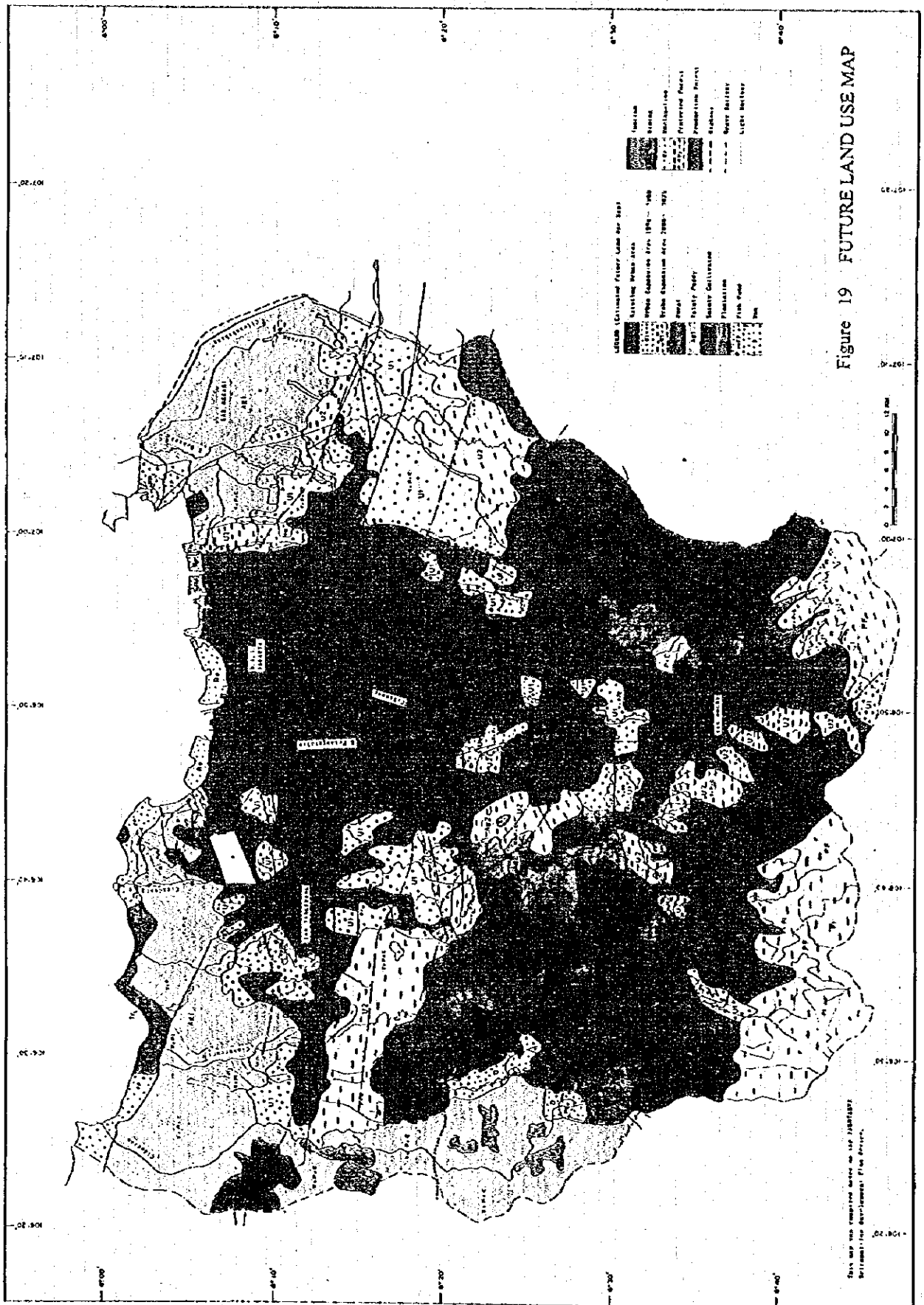


Figure 18 TASK RELATIONSHIPS



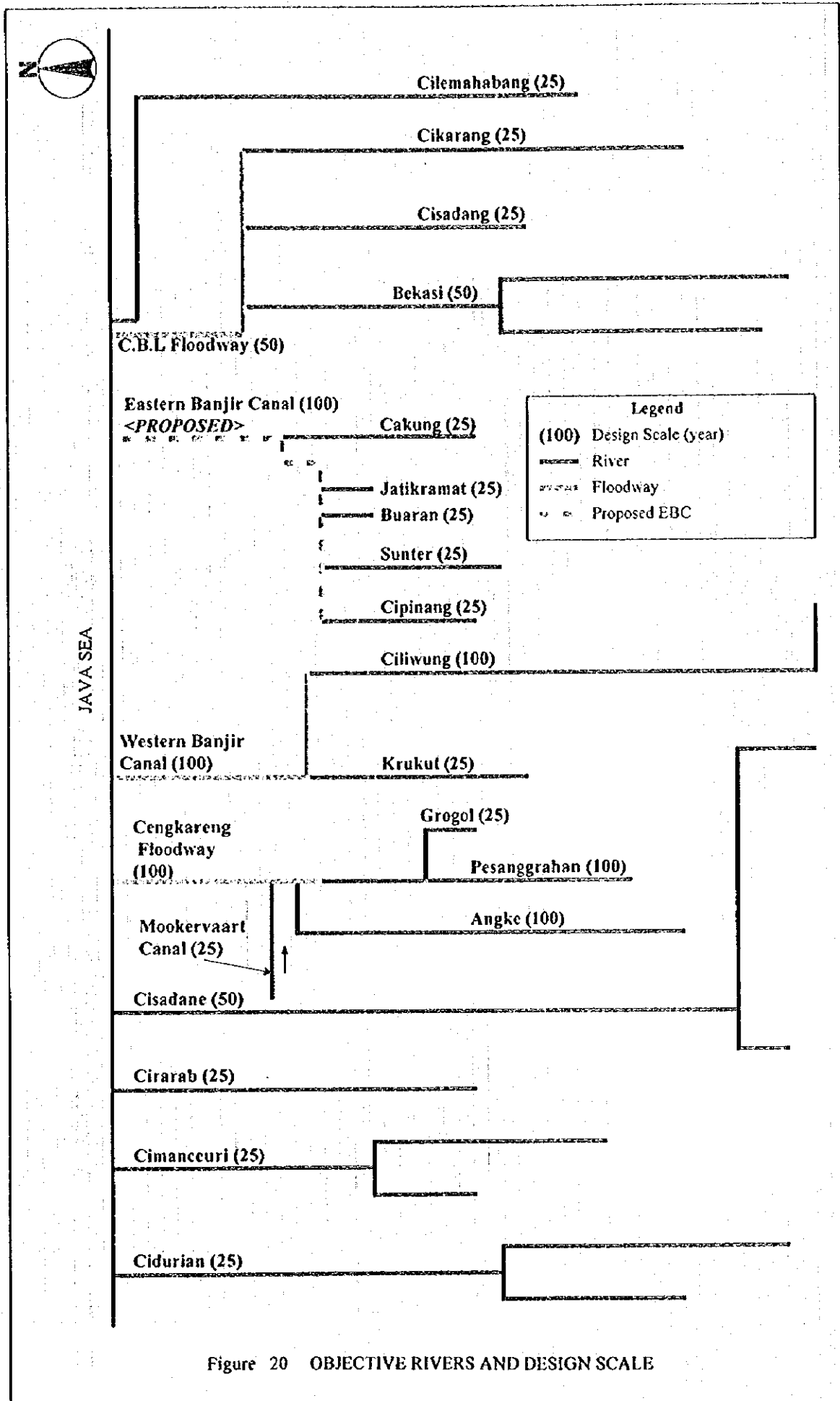


Figure 20 OBJECTIVE RIVERS AND DESIGN SCALE

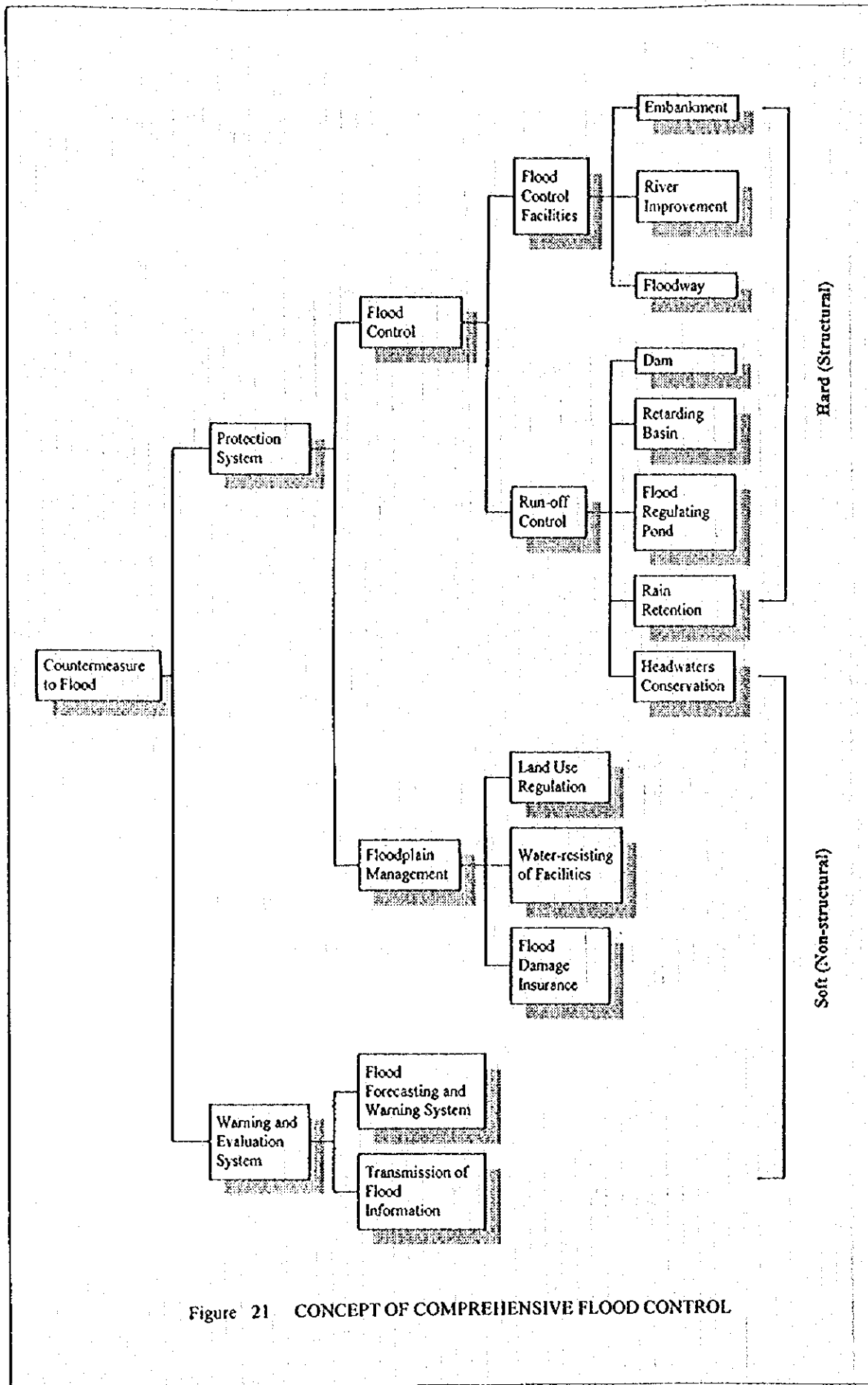


Figure 21 CONCEPT OF COMPREHENSIVE FLOOD CONTROL

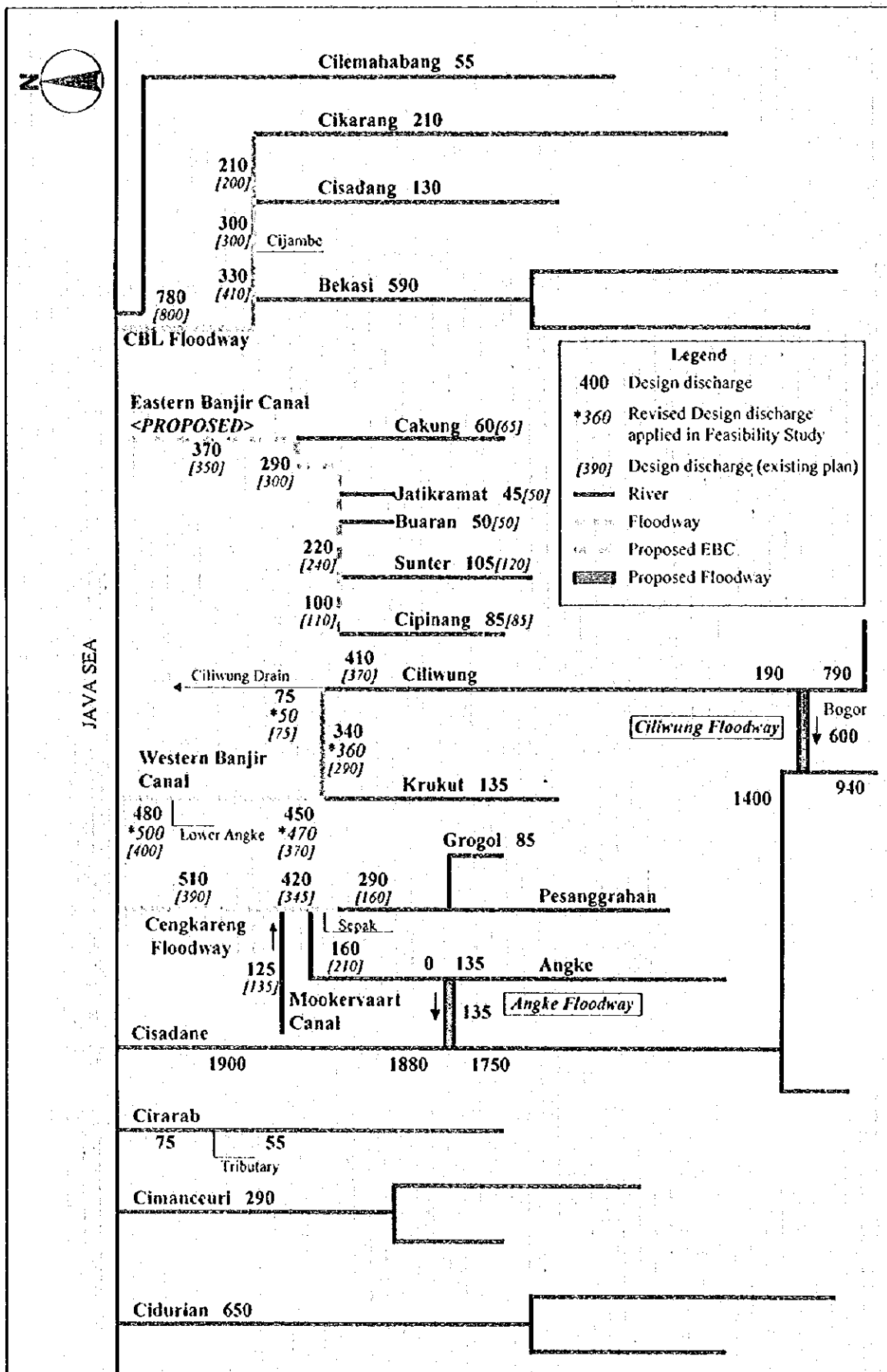
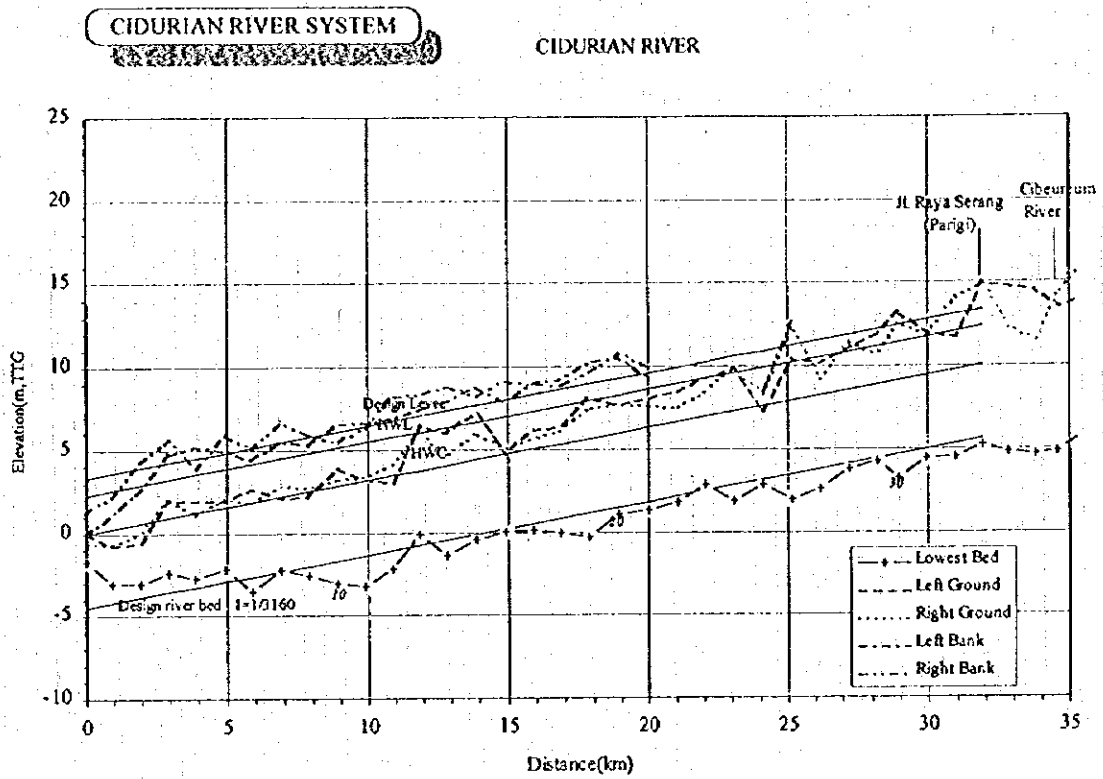


Figure 23 DESIGN DISCHARGE DISTRIBUTION FOR PROPOSED MASTER PLAN



CIDURIAN RIVER (Estuary - Jl Serang Raya <Parigi>)

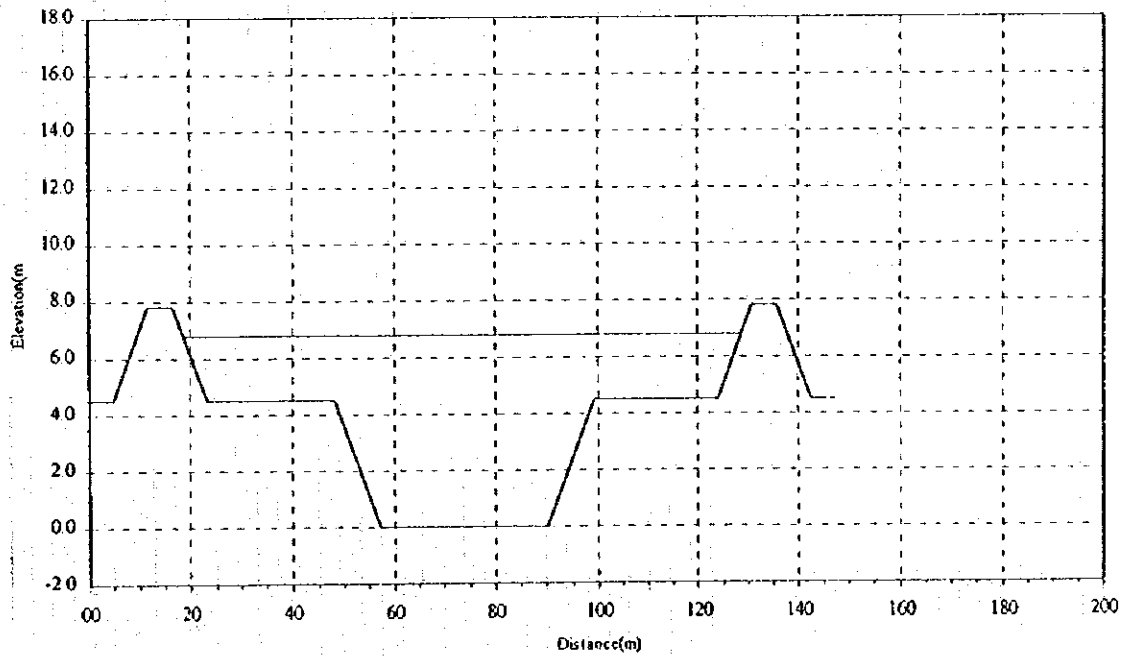
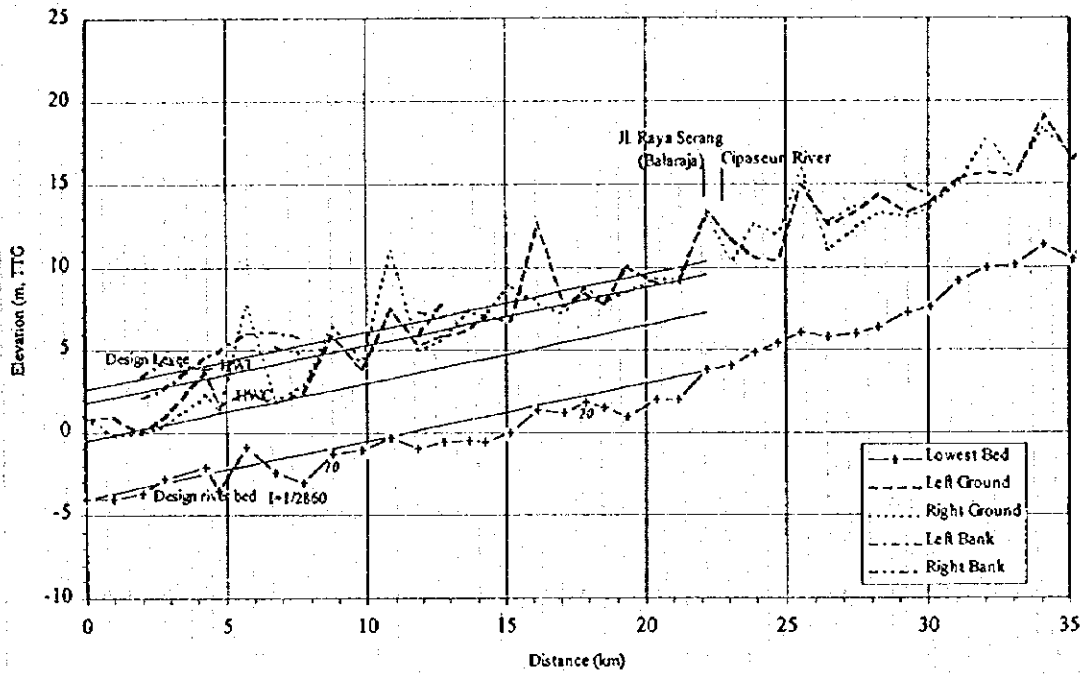


Figure 24 DESIGN LONGITUDINAL AND CROSS-SECTIONAL PROFILES OF RIVERS (1/13)

CIMANCEURI RIVER SYSTEM

CIMANCEURI RIVER



CIMANCEURI RIVER (Estuary - Jl Serang Raya <Balaraja>)

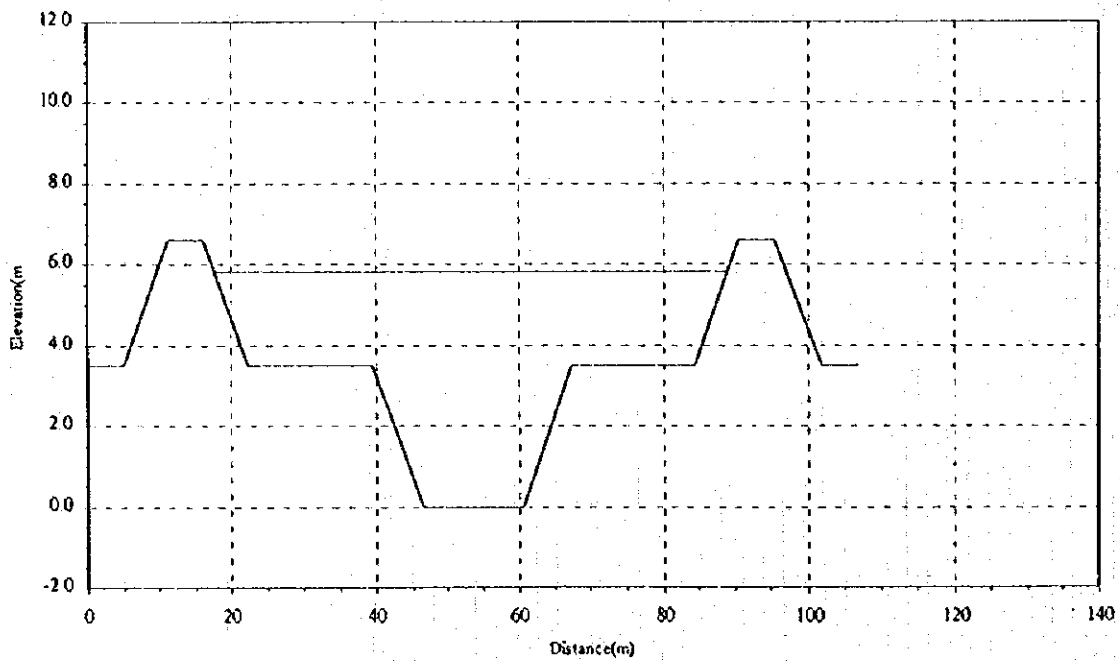
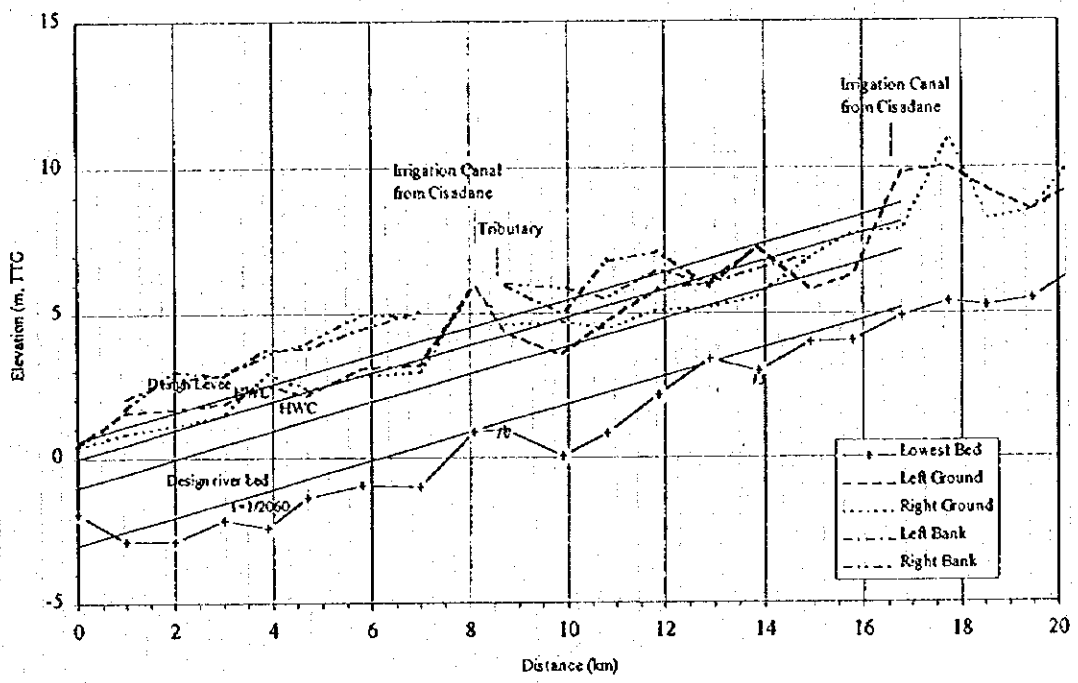


Figure 24 DESIGN LONGITUDINAL AND CROSS-SECTIONAL PROFILES OF RIVERS (2/13)

CIRARAB RIVER SYSTEM

CIRARAB RIVER



CIRARAB RIVER

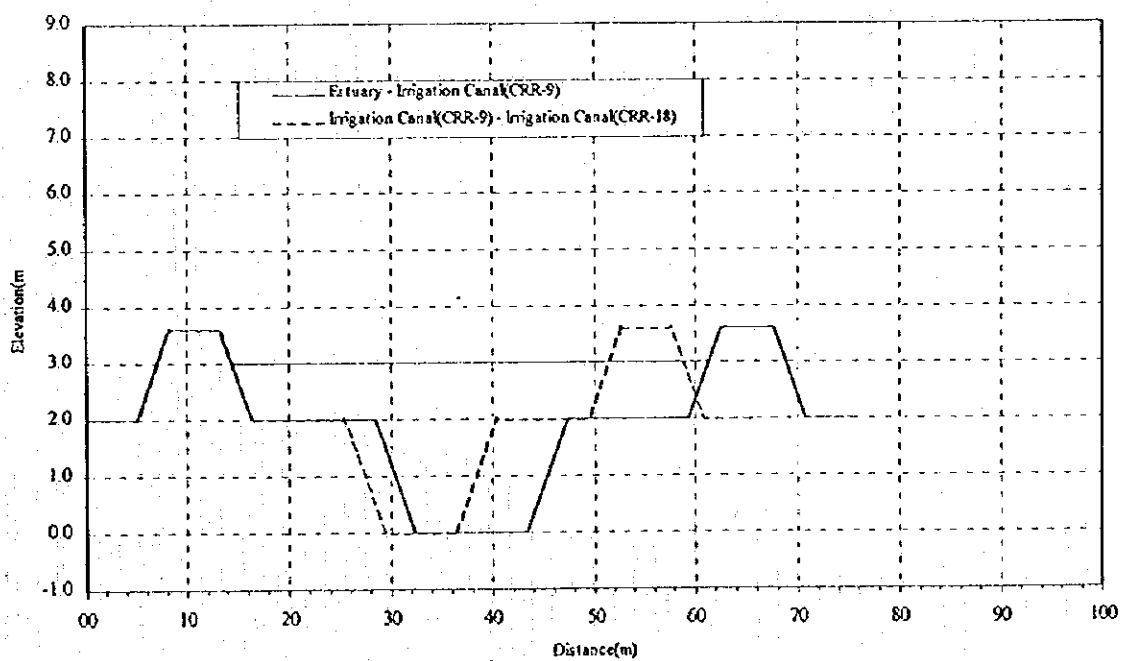
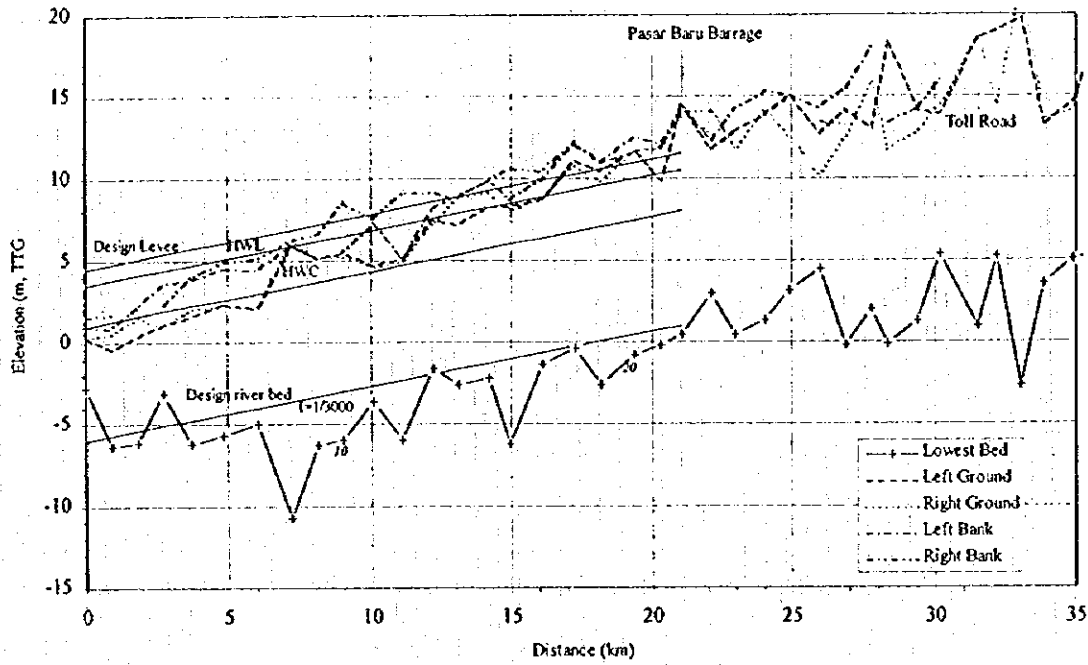


Figure 24 DESIGN LONGITUDINAL AND CROSS-SECTIONAL PROFILES OF RIVERS (3/13)

CISADANE RIVER SYSTEM

CISADANE RIVER



CISADANE RIVER (Estuary - Pasar Baru Barrage)

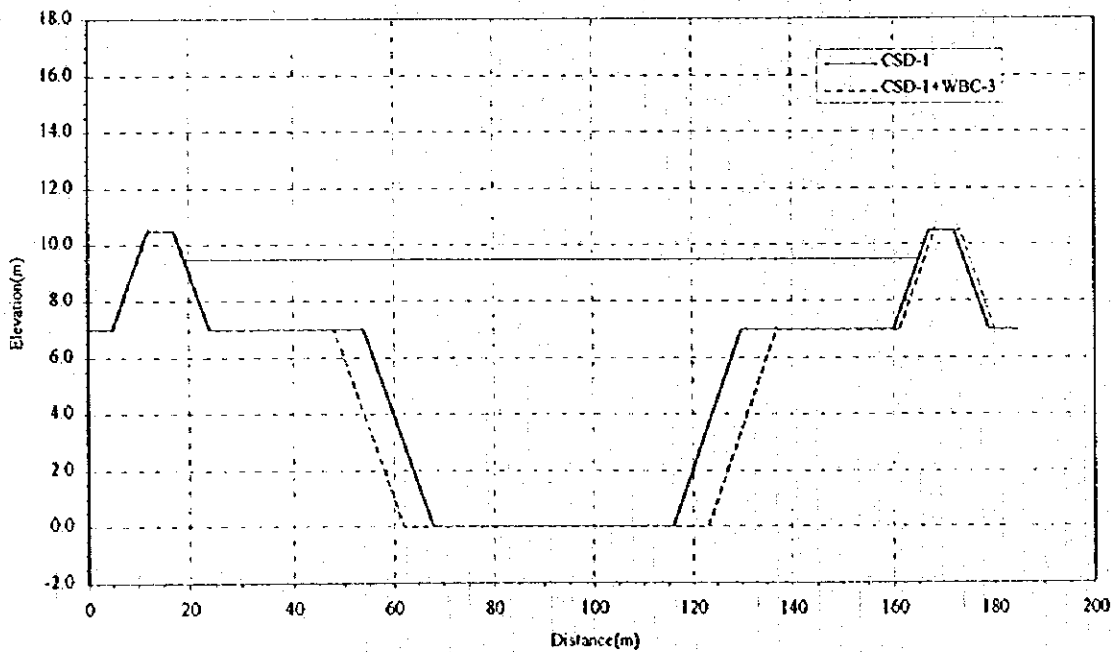
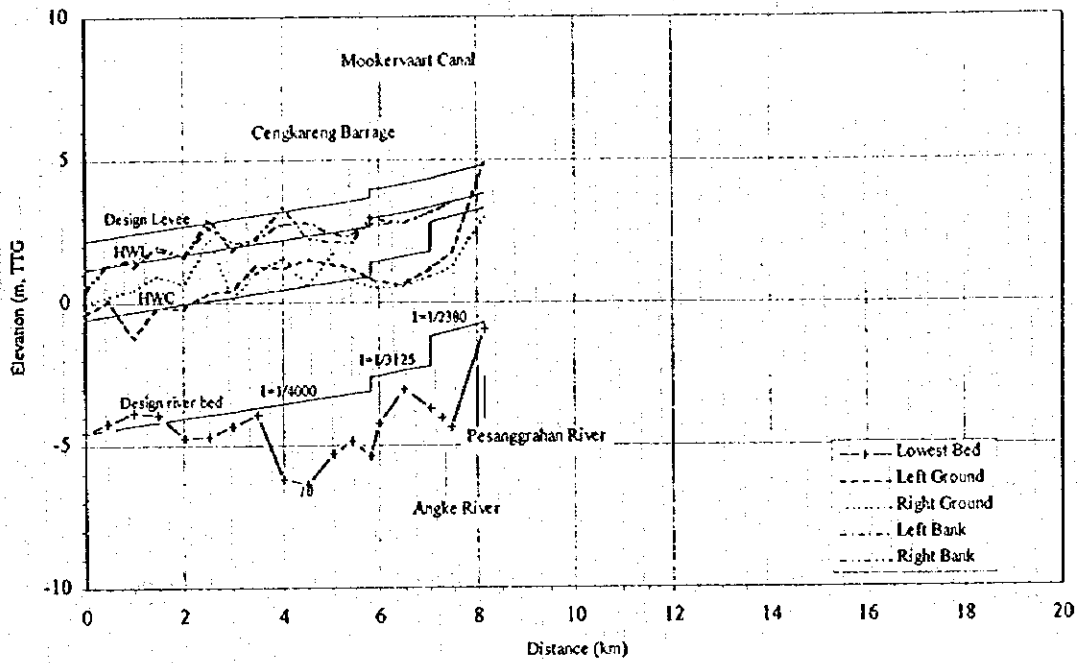


Figure 24 DESIGN LONGITUDINAL AND CROSS-SECTIONAL PROFILES OF RIVERS (4/13)

CENKARENG FLOODWAY SYSTEM (1/4)

CENKARENG FLOODWAY



CENKARENG FLOODWAY

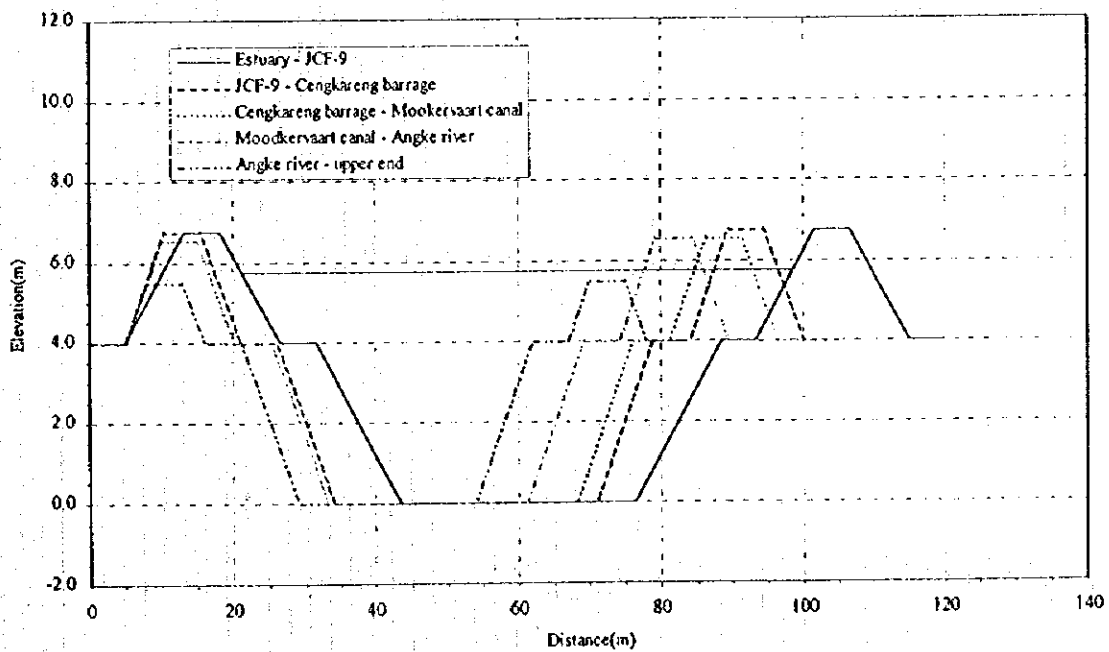
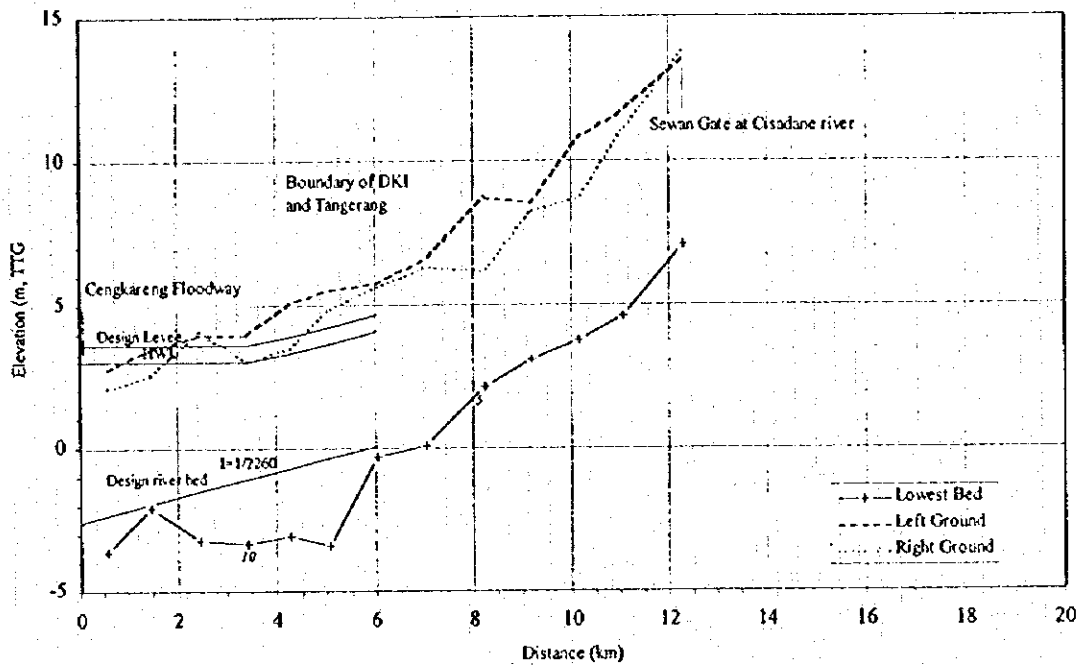


Figure 24 DESIGN LONGITUDINAL AND CROSS-SECTIONAL PROFILES OF RIVERS (5/13)

CENGKARENG FLOODWAY SYSTEM (2/4)



MOOKERVAART CANAL (Cengkareng Floodway - Boundary of DKI and Tangerang)

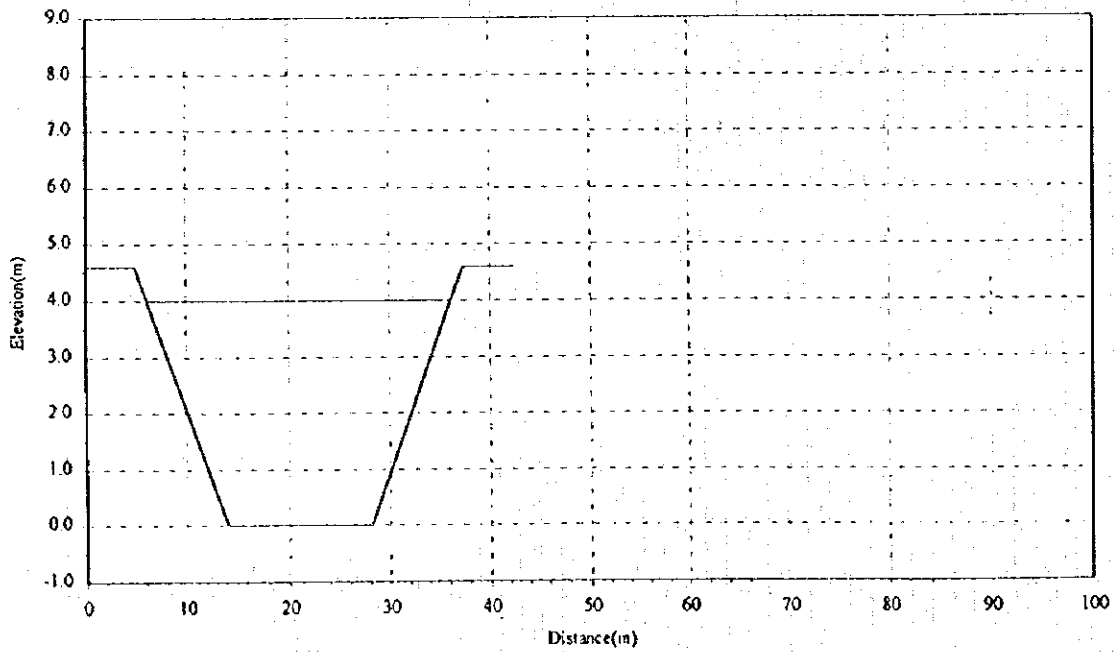
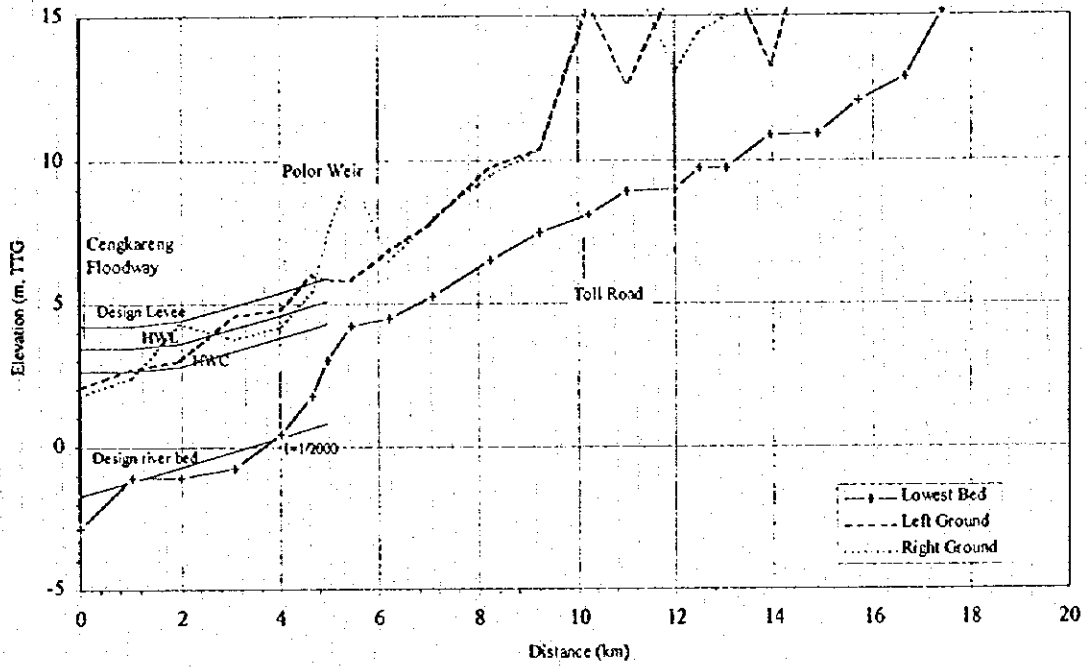


Figure 24 DESIGN LONGITUDINAL AND CROSS-SECTIONAL PROFILES OF RIVERS (6/13)

CENKARENG FLOODWAY SYSTEM (3/4)

ANGKE RIVER



ANGKE RIVER (Conf. with Cengkareng Floodway - Polar Weir)

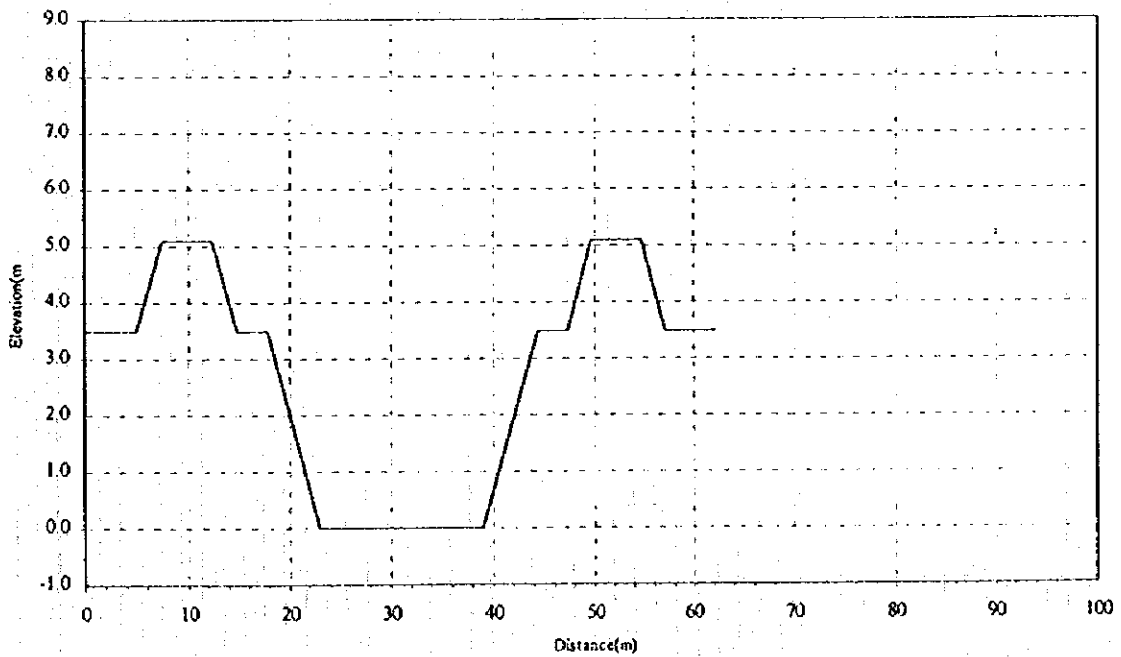
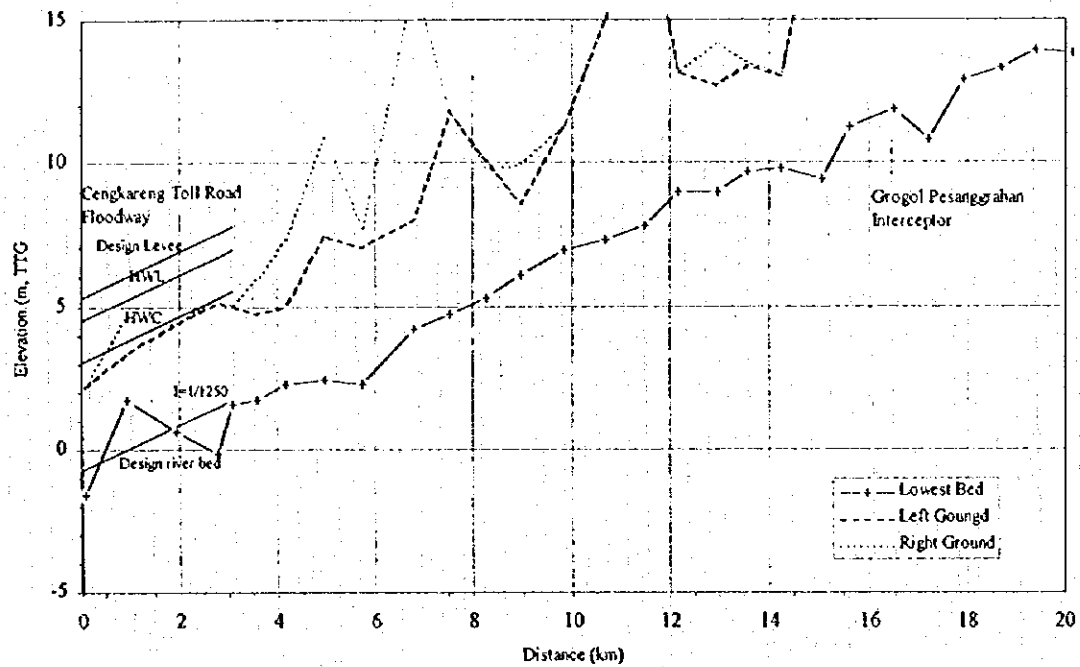


Figure 24 DESIGN LONGITUDINAL AND CROSS-SECTIONAL PROFILES OF RIVERS (7/13)

CENKARENG FLOODWAY SYSTEM (4/4)

PESANGGRAHAN RIVER



PESANGGRAHAN RIVER (Conf. with Cengkareng Floodway - Toll Jakarta-Merak)

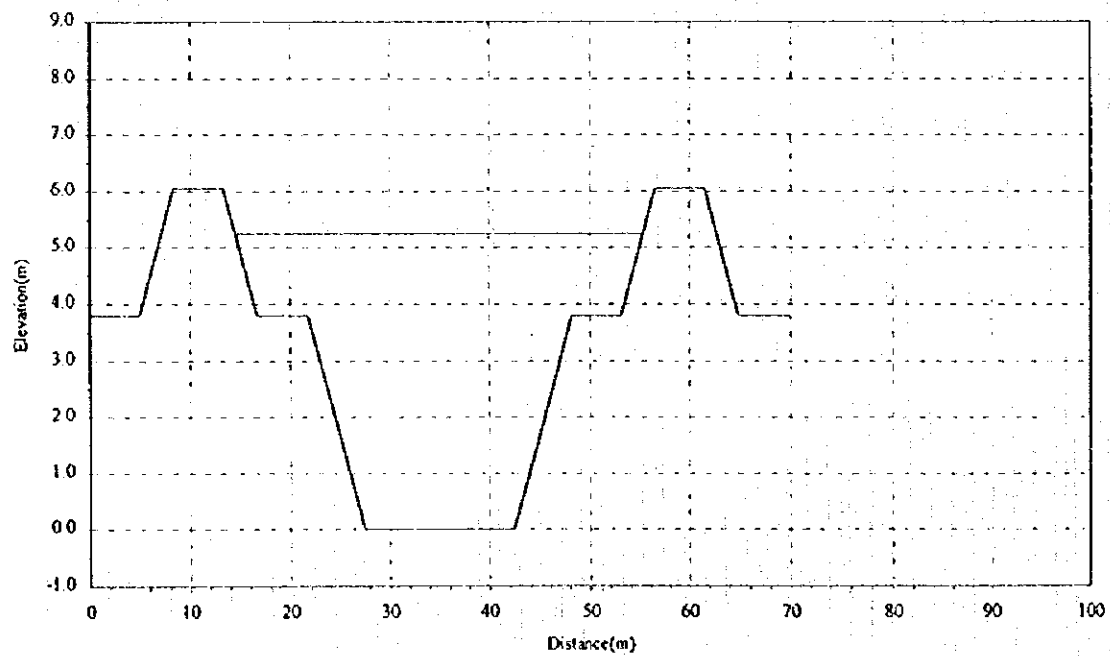
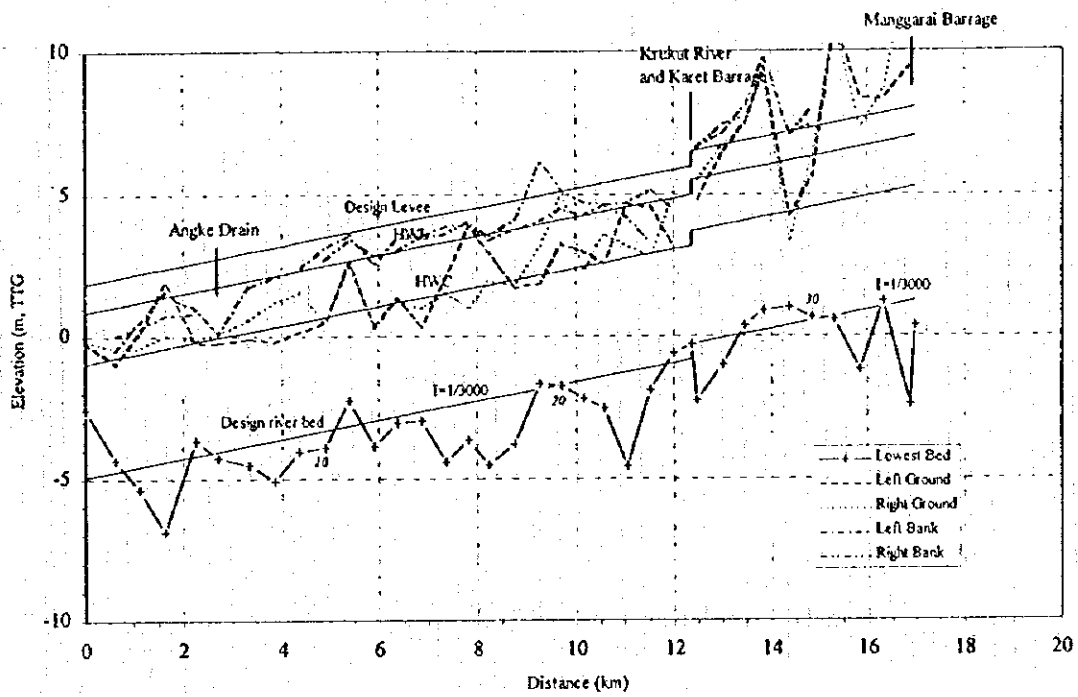


Figure 24 DESIGN LONGITUDINAL AND CROSS-SECTIONAL PROFILES OF RIVERS (8/13)

WESTERN BANJIR CANAL SYSTEM

WESTERN BANJIR CANAL



WESTERN BANJIR CANAL

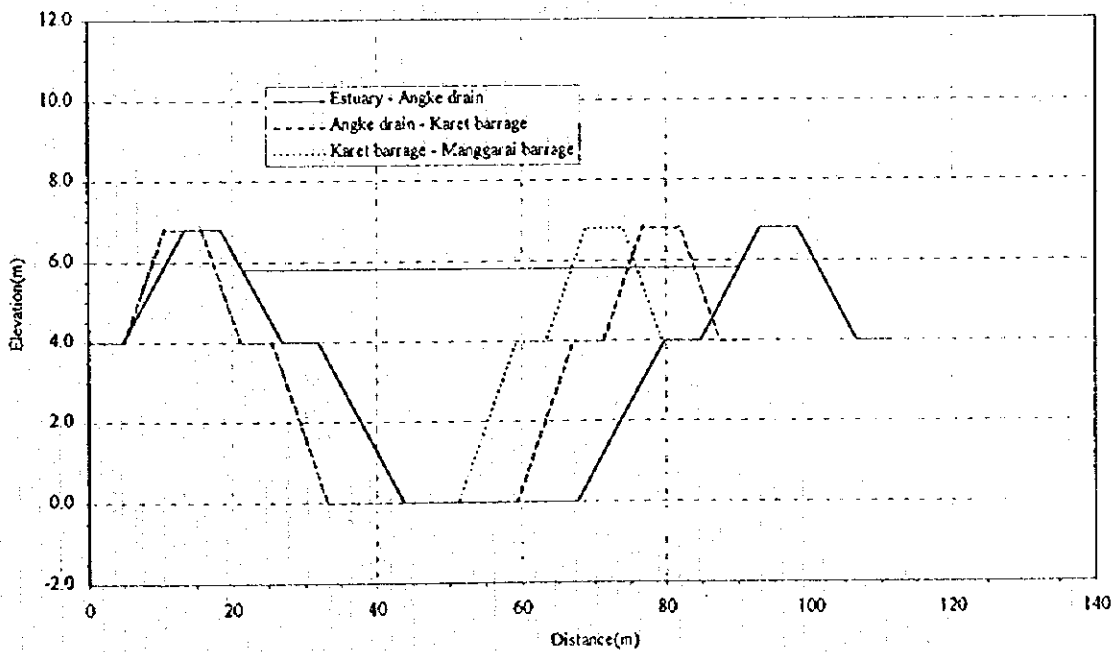
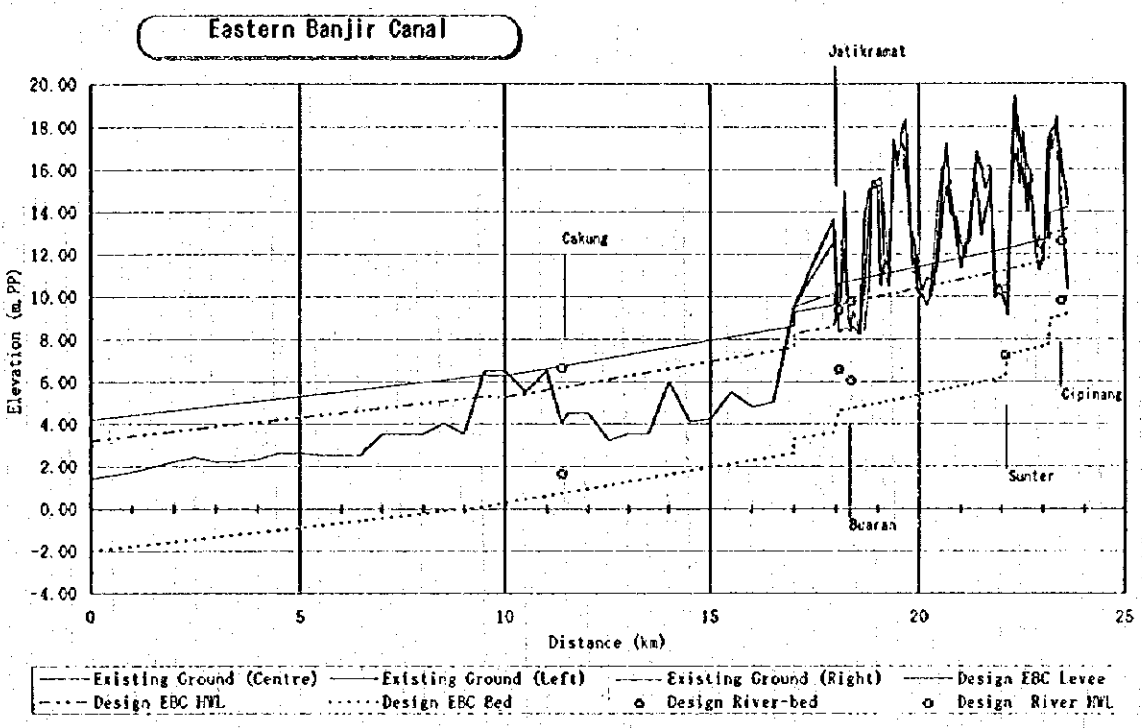


Figure 24 DESIGN LONGITUDINAL AND CROSS-SECTIONAL PROFILES OF RIVERS (9/13)



EASTERN BANJIR CANAL

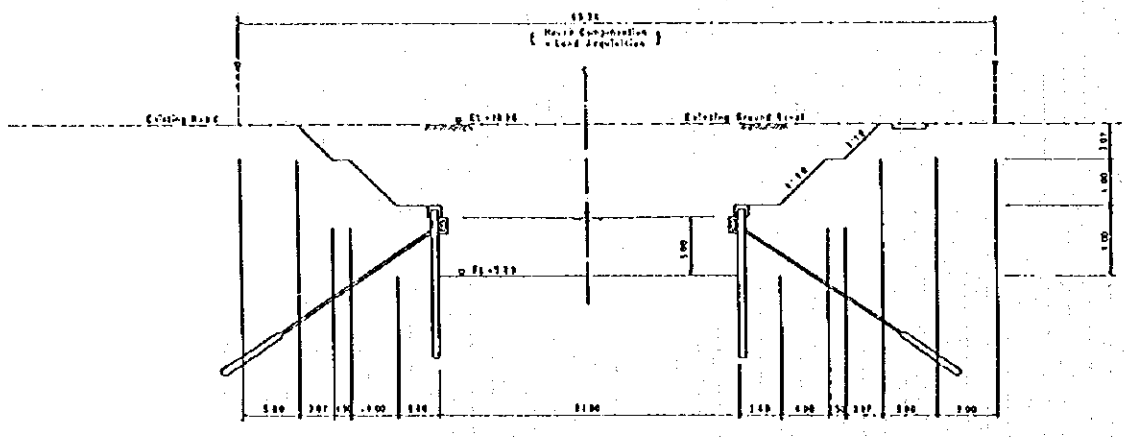
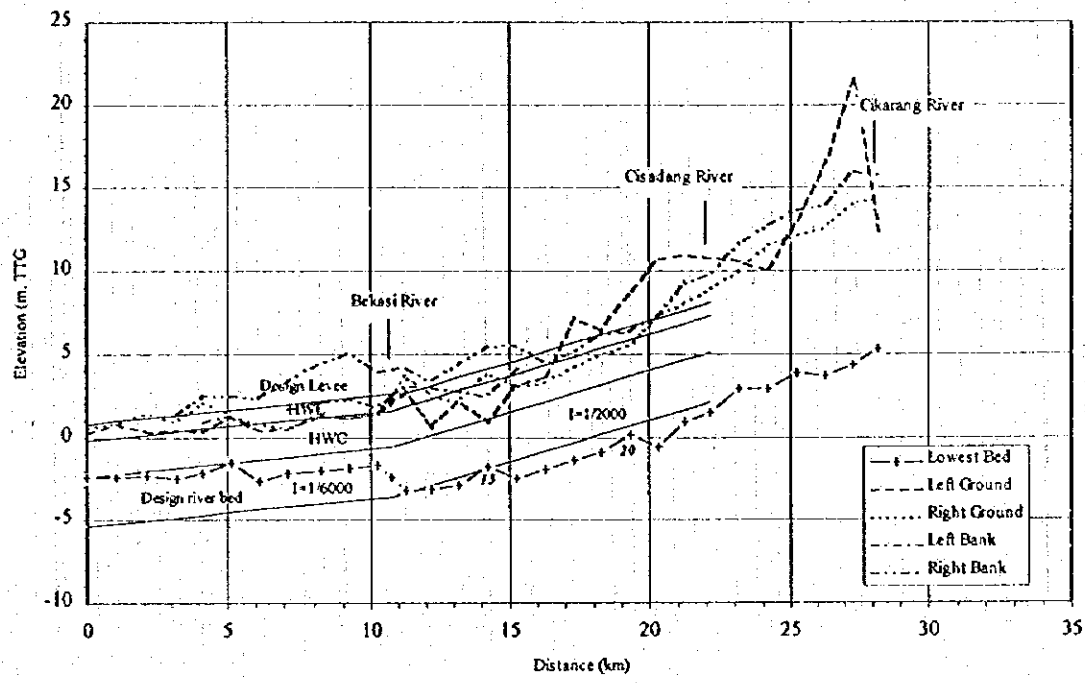


Figure 24 DESIGN LONGITUDINAL AND CROSS-SECTIONAL PROFILES OF RIVERS (10/13)

CBL FLOODWAY SYSTEM (1/3)

CBL FLOODWAY



CBL FLOODWAY

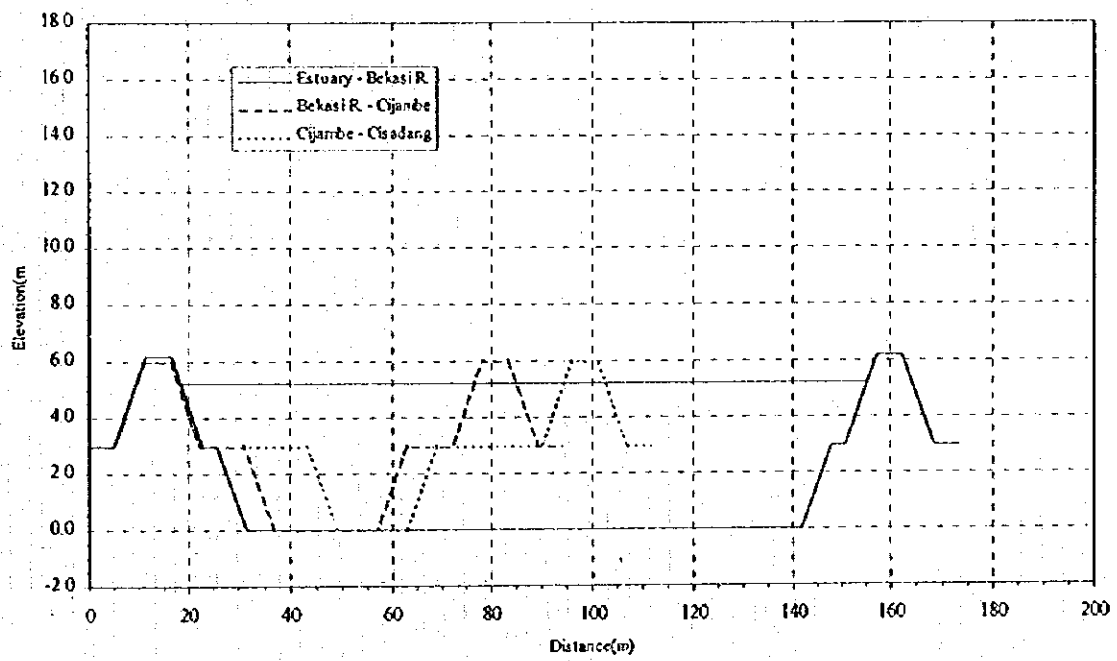
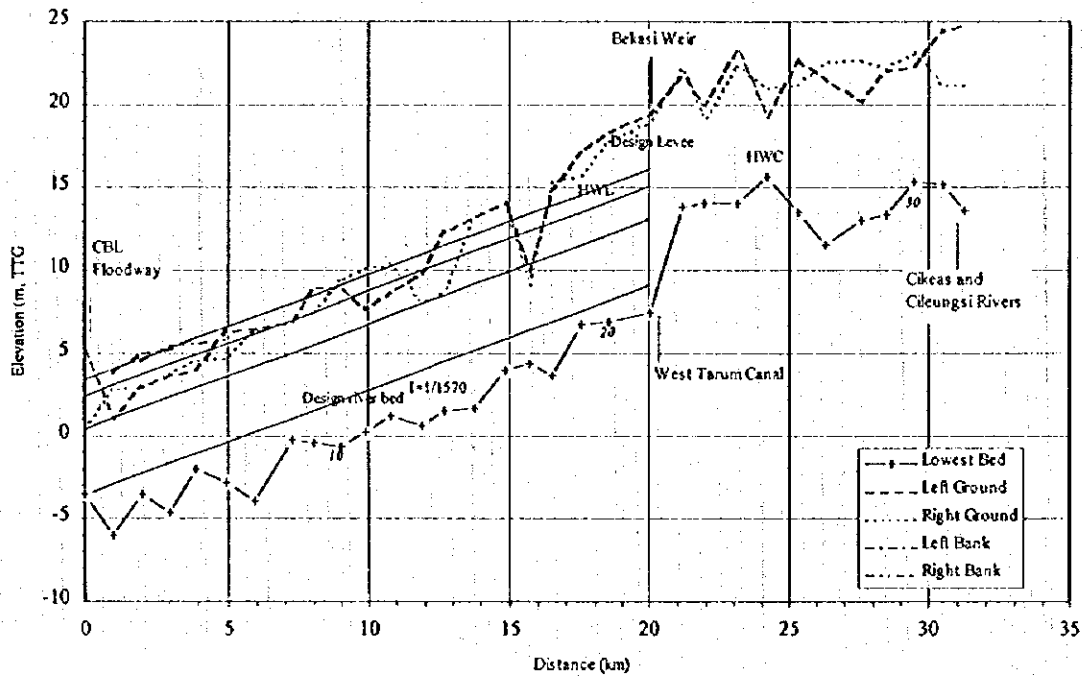


Figure 24 DESIGN LONGITUDINAL AND CROSS-SECTIONAL PROFILES OF RIVERS (11/13)

CBL FLOODWAY SYSTEM (2/3)

BEKASI RIVER



BEKASI RIVER (Conf with CBL - Bekasi Weir)

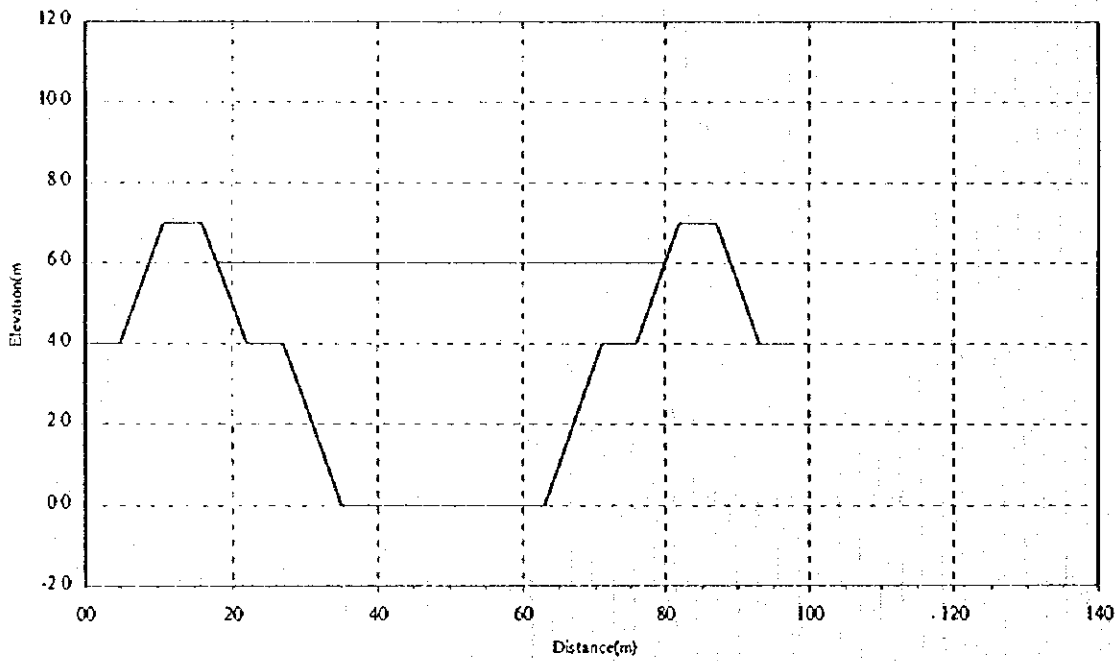
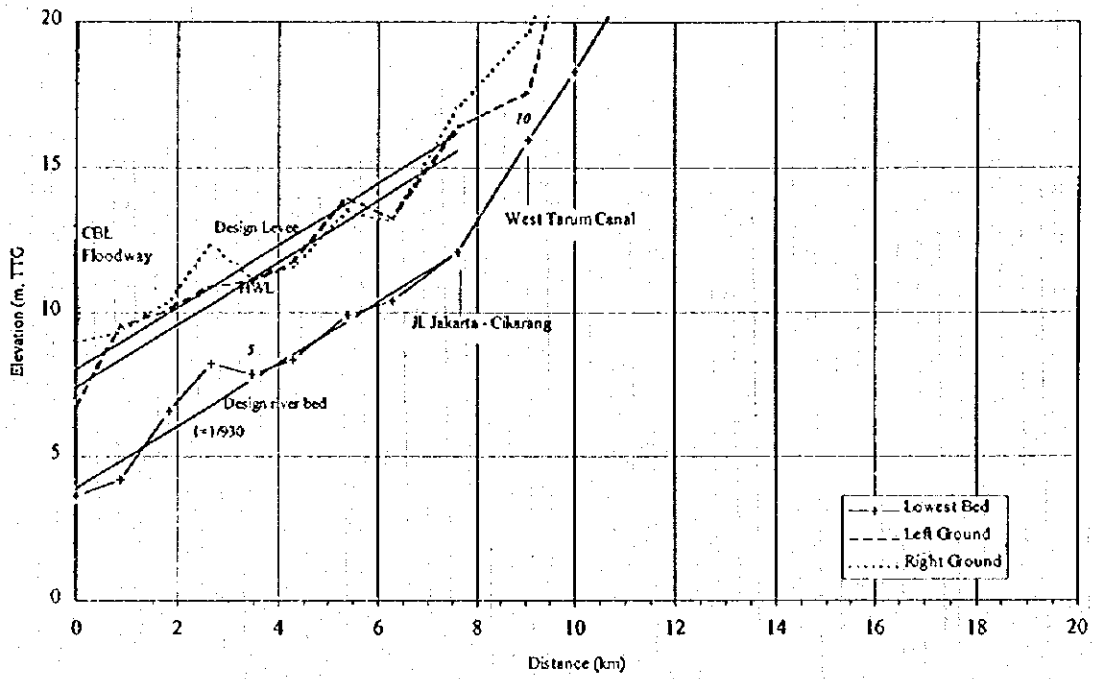


Figure 24 DESIGN LONGITUDINAL AND CROSS-SECTIONAL PROFILES OF RIVERS (12/13)

CBL FLOODWAY SYSTEM (3/3)

CISADANG RIVER



CISADANG RIVER (Conf with CBL - Jl Jakarta-Cikarang)

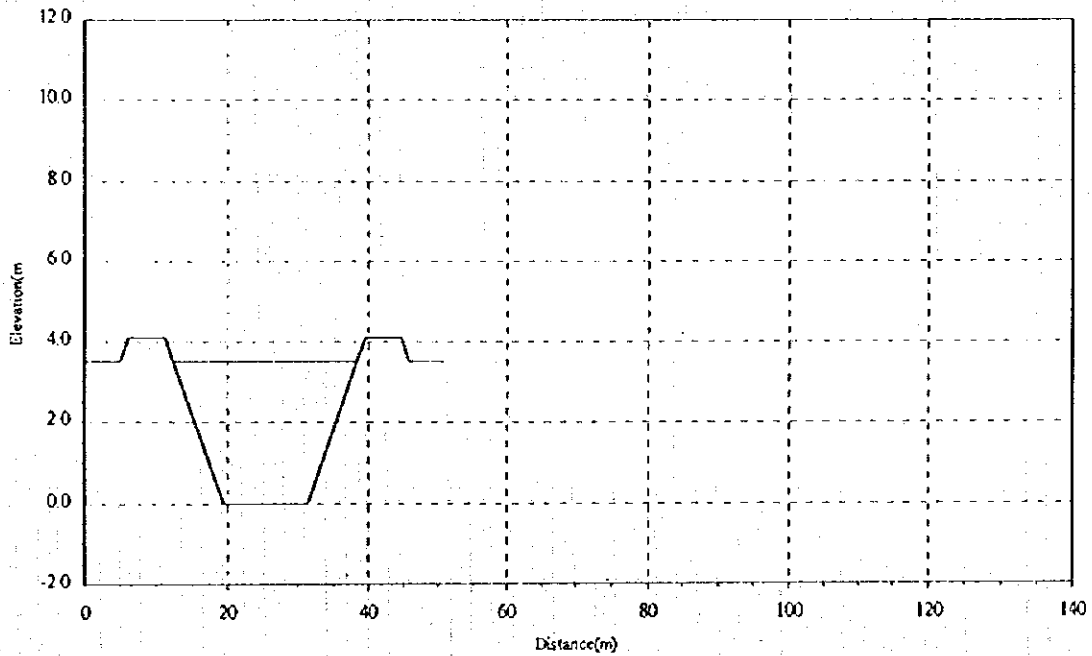
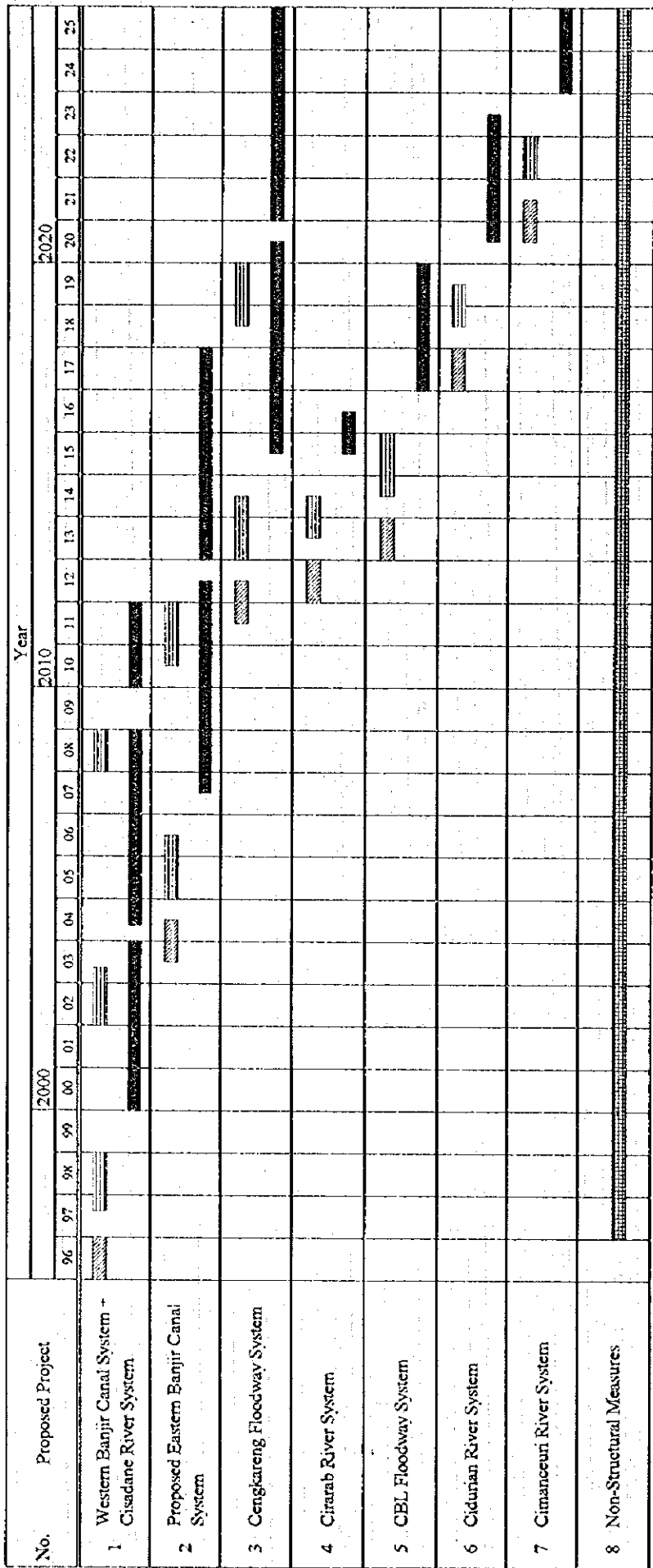


Figure 24 DESIGN LONGITUDINAL AND CROSS-SECTIONAL PROFILES OF RIVERS (13/13)



 : Feasibility Study,
  : Detailed Design,
  : Construction,
  : Non-Structural Measures

Figure 25 IMPLEMENTATION SCHEDULE

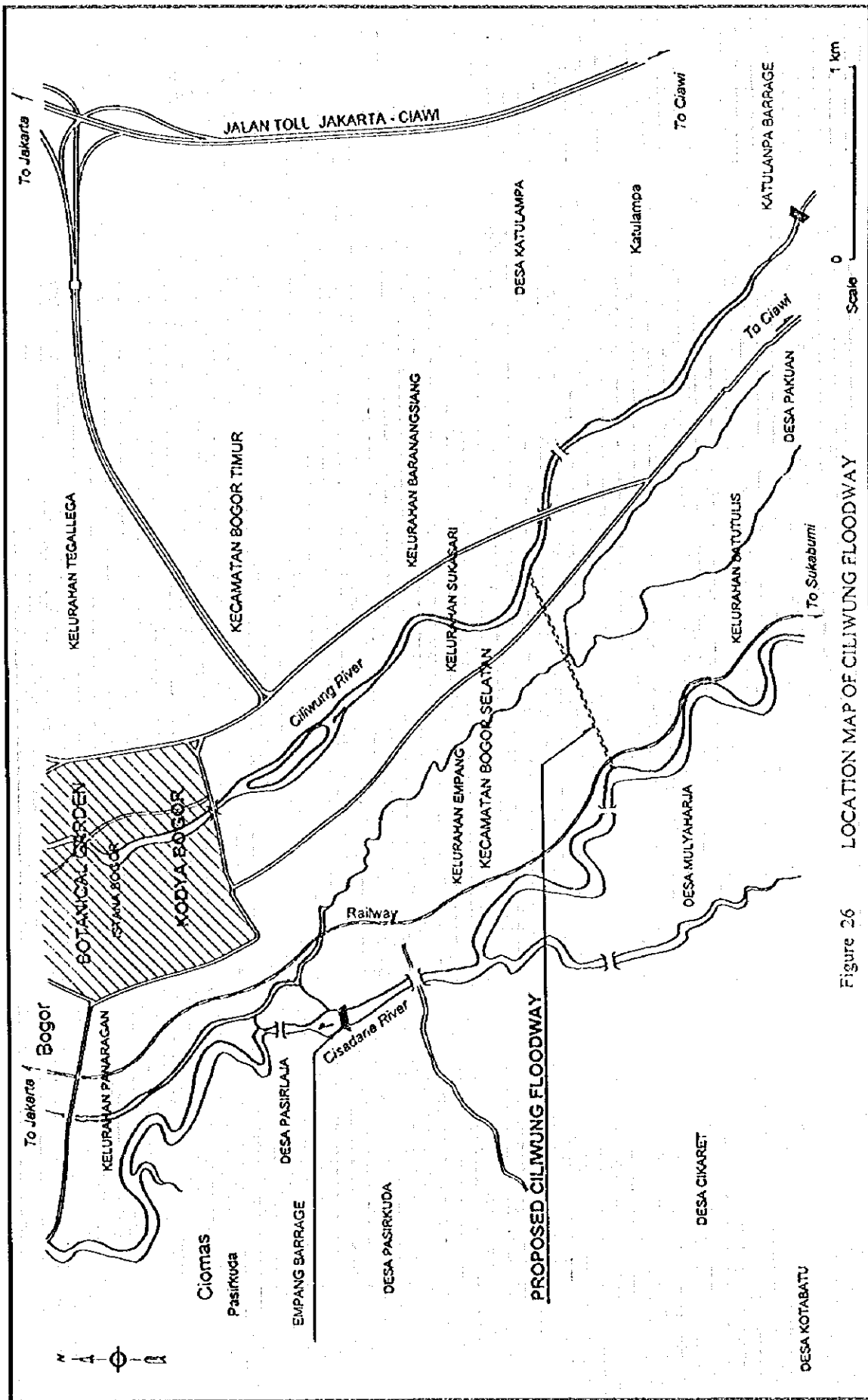


Figure 26 LOCATION MAP OF CILIWUNG FLOODWAY

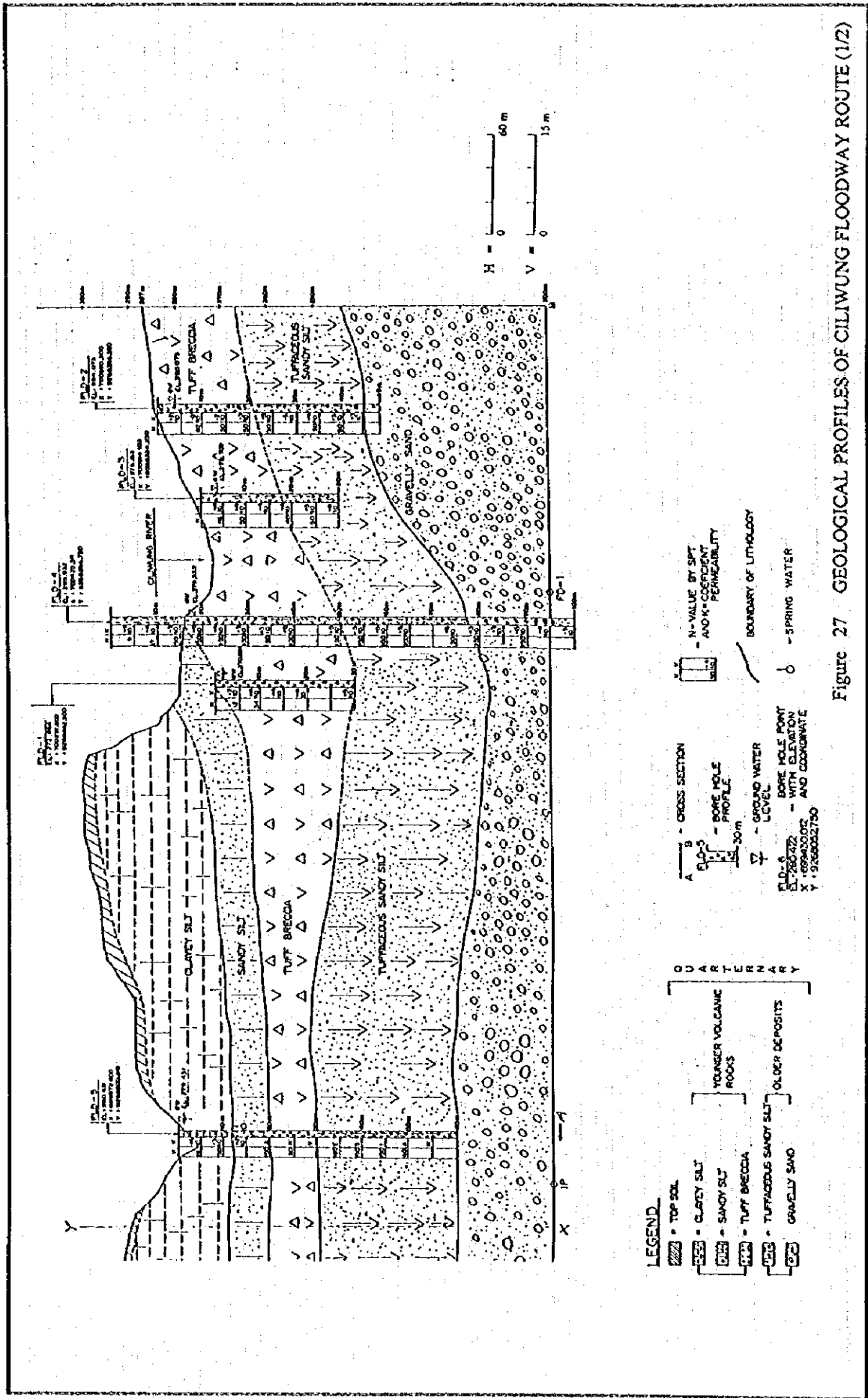
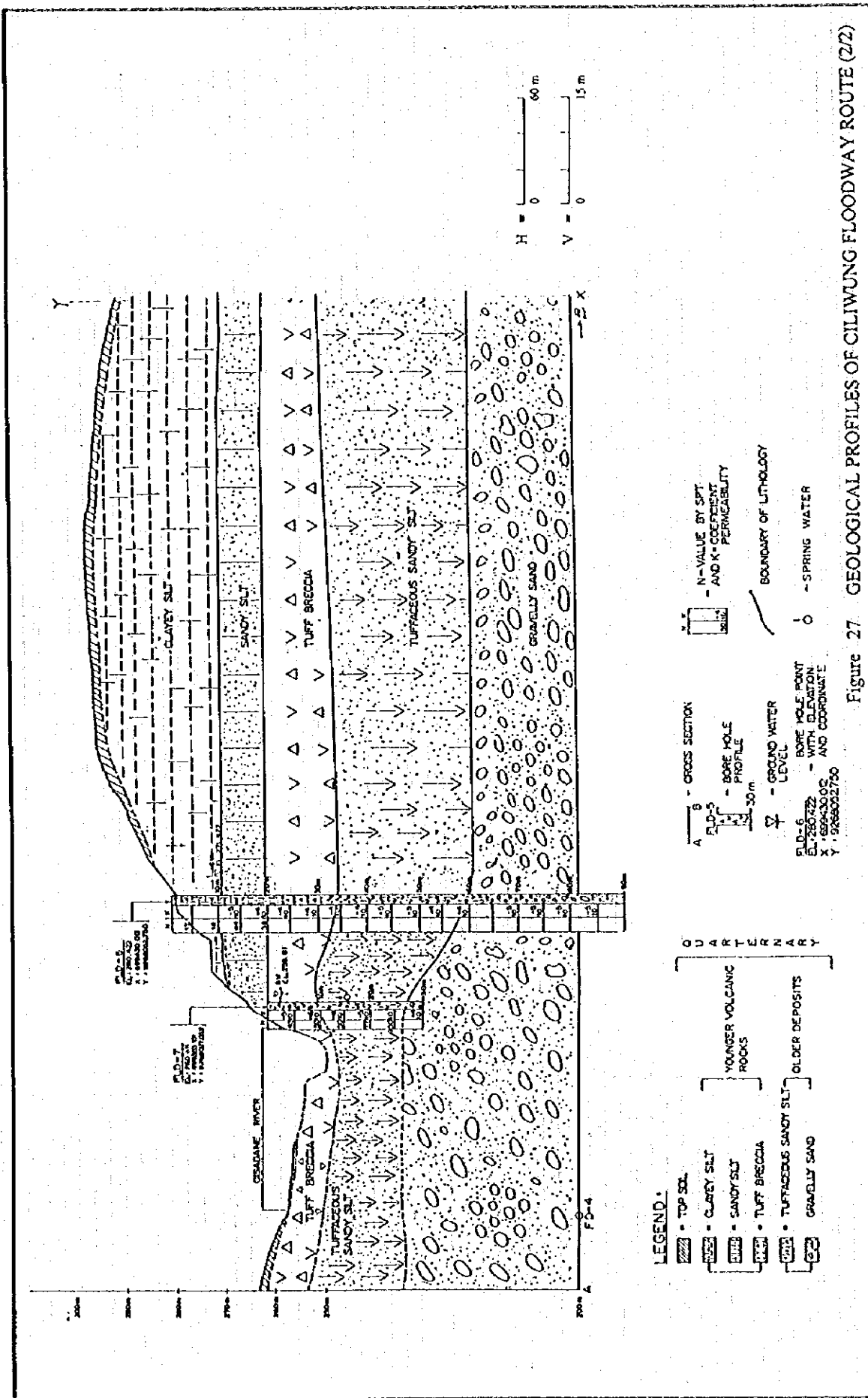


Figure 27 GEOLOGICAL PROFILES OF CILIWUNG FLOODWAY ROUTE (1/2)



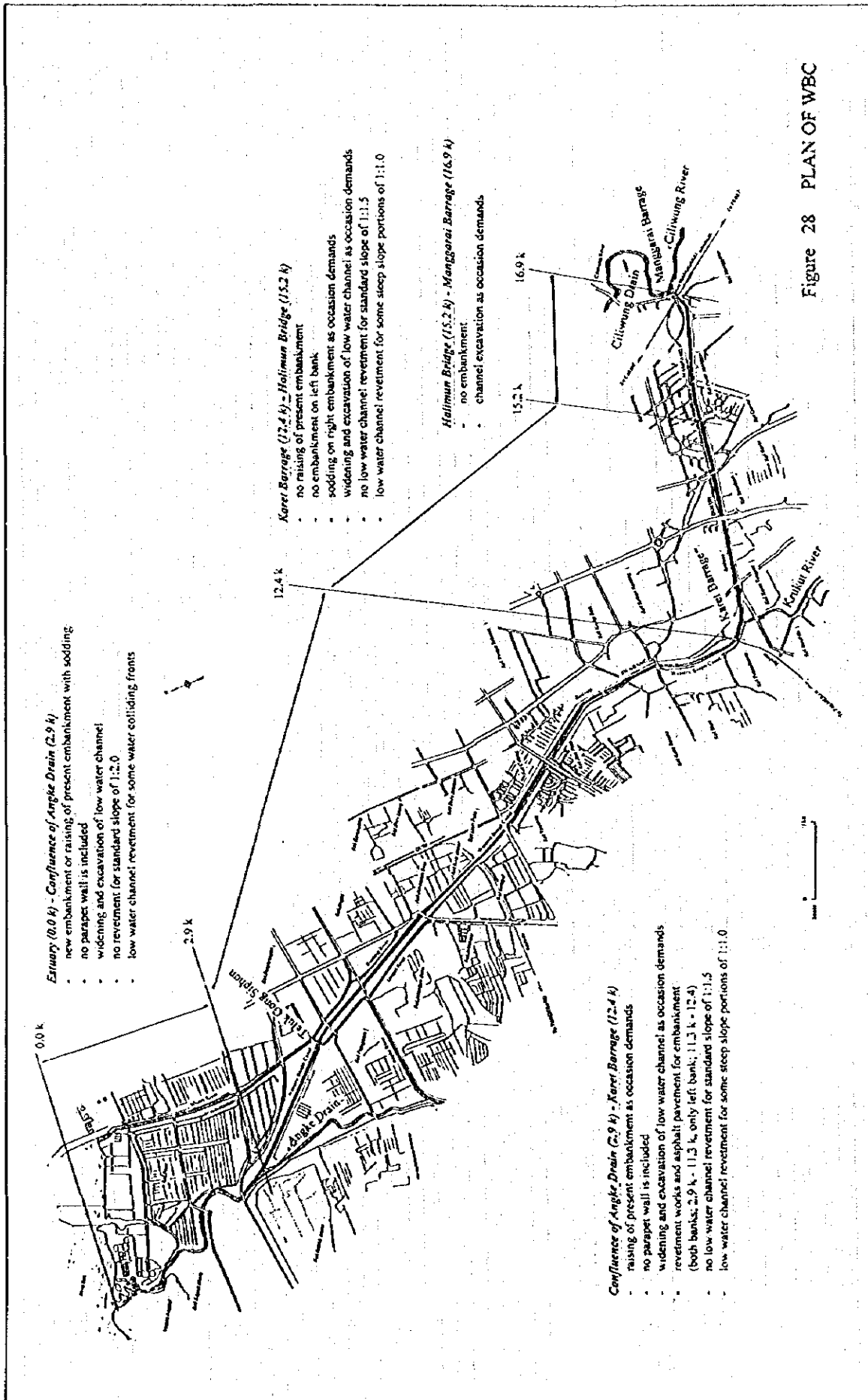


Figure 28 PLAN OF WBC

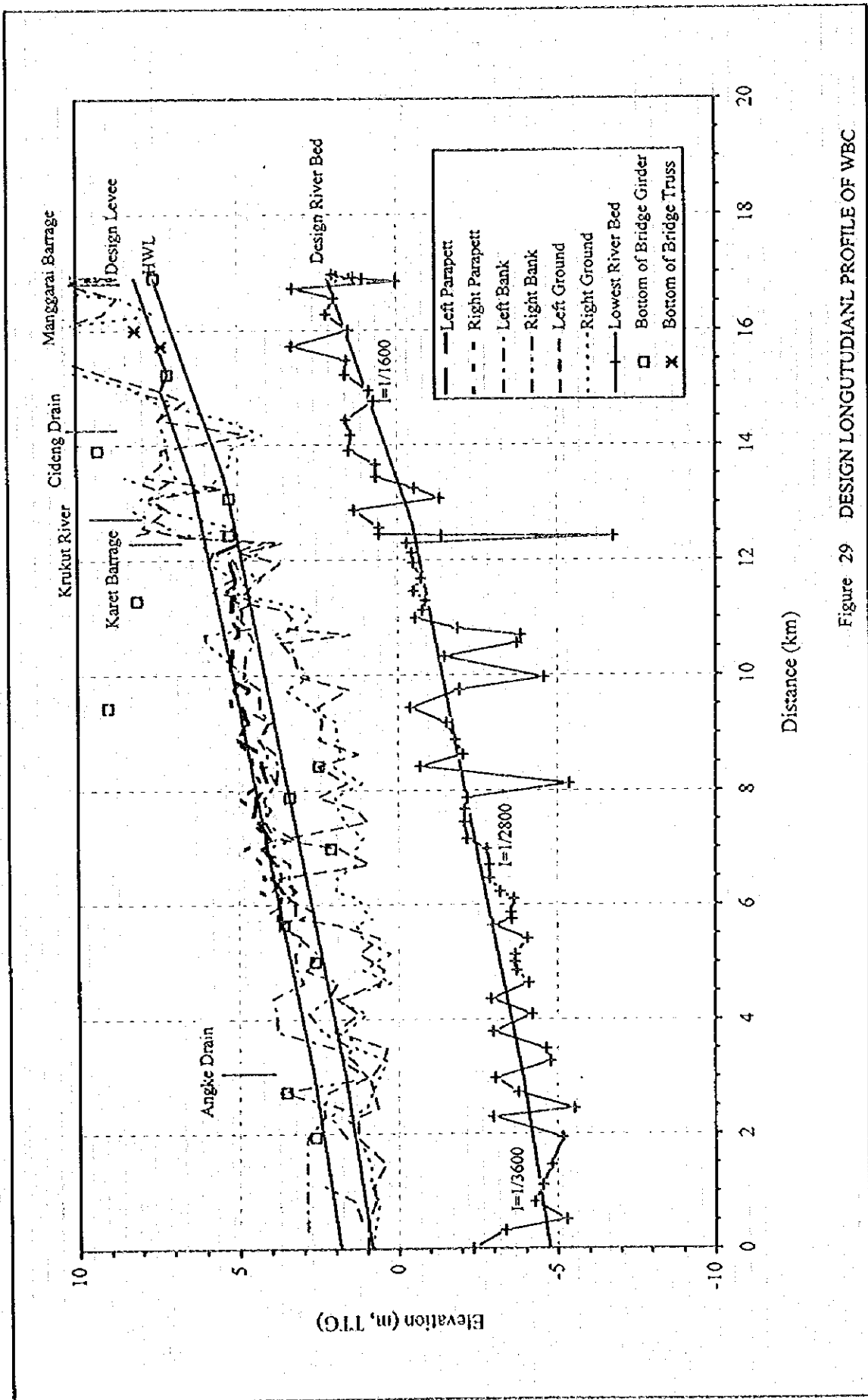


Figure 29 DESIGN LONGITUDINAL PROFILE OF WBC

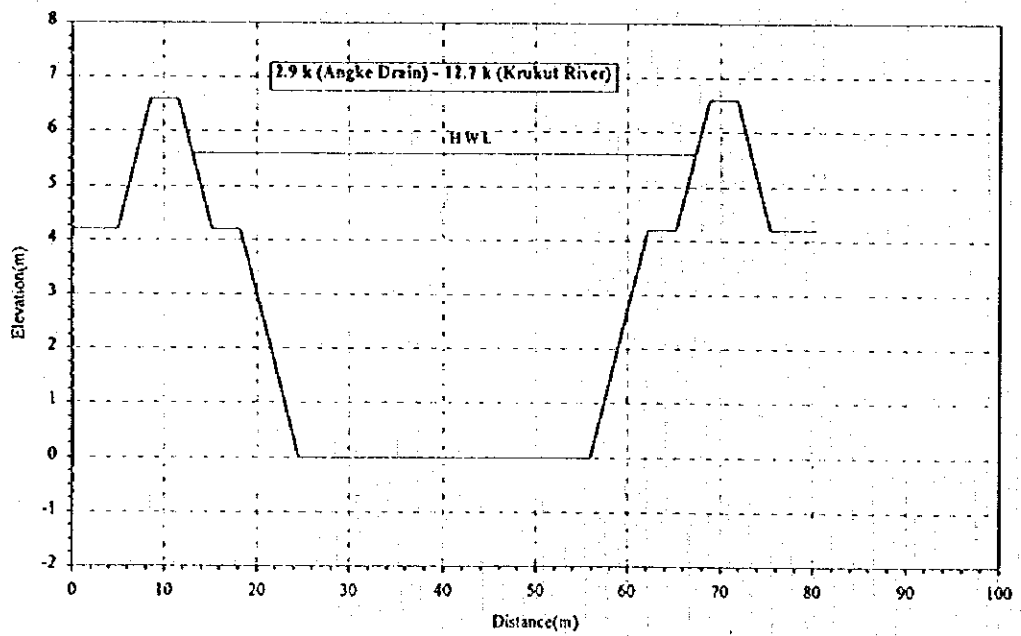
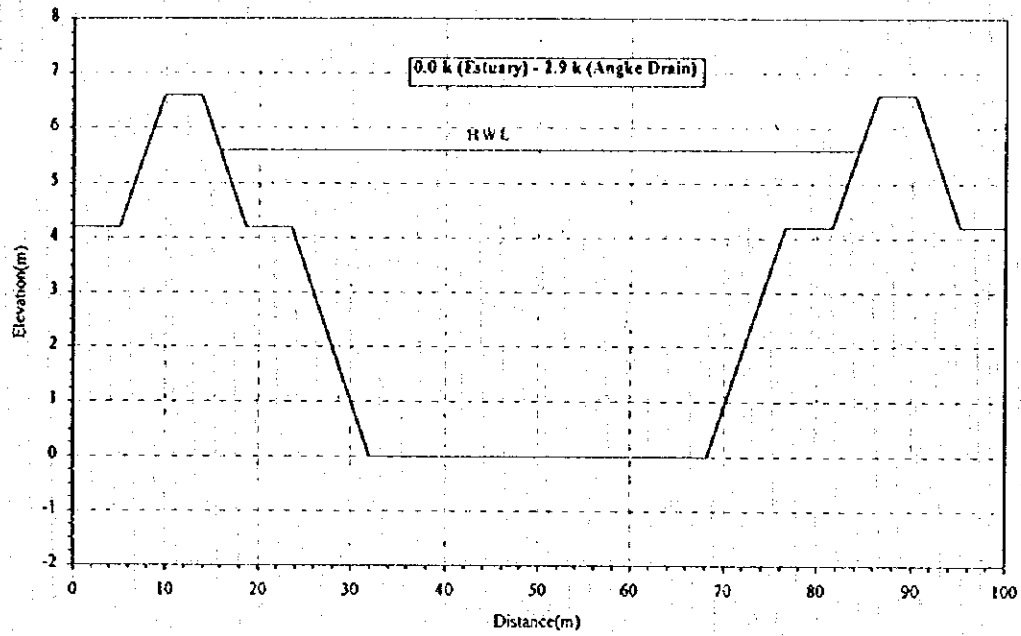


Figure 30 DESIGN CROSS-SECTIONAL PROFILE OF WBC (1/2)

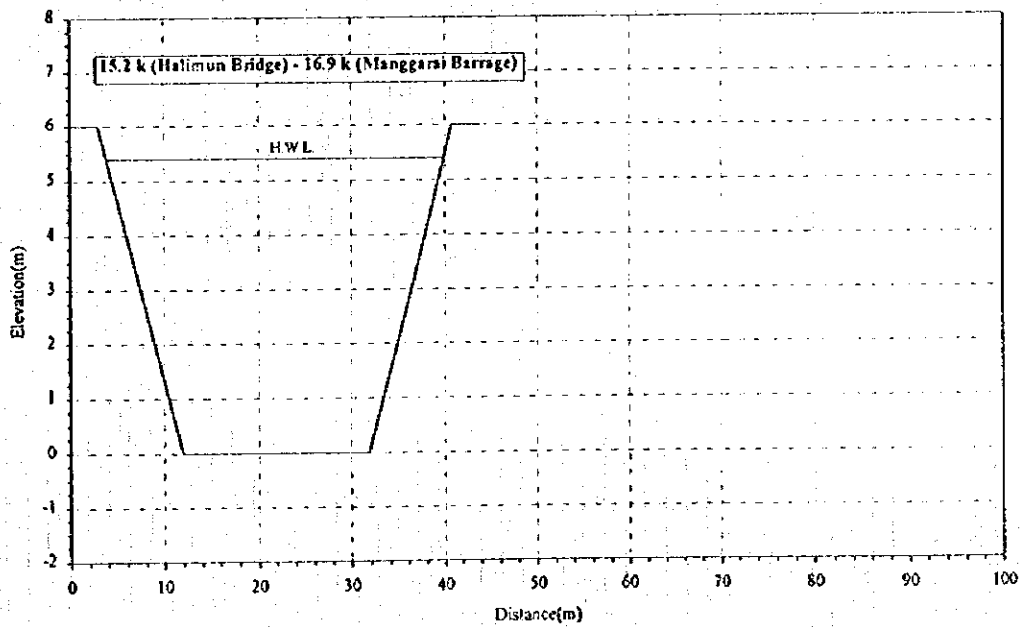
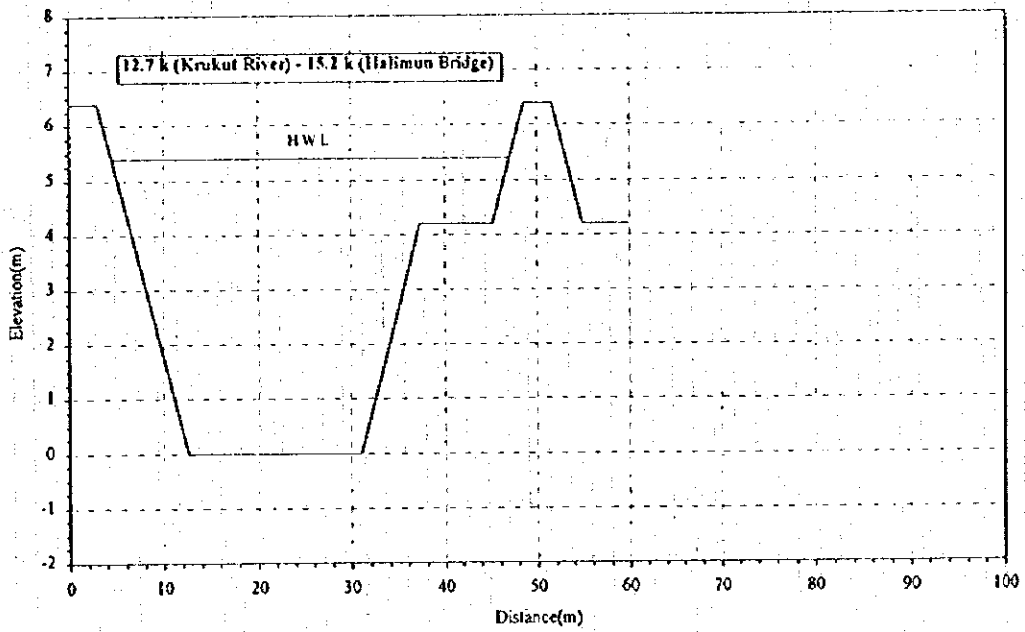


Figure 30 DESIGN CROSS-SECTIONAL PROFILE OF WBC (2/2)

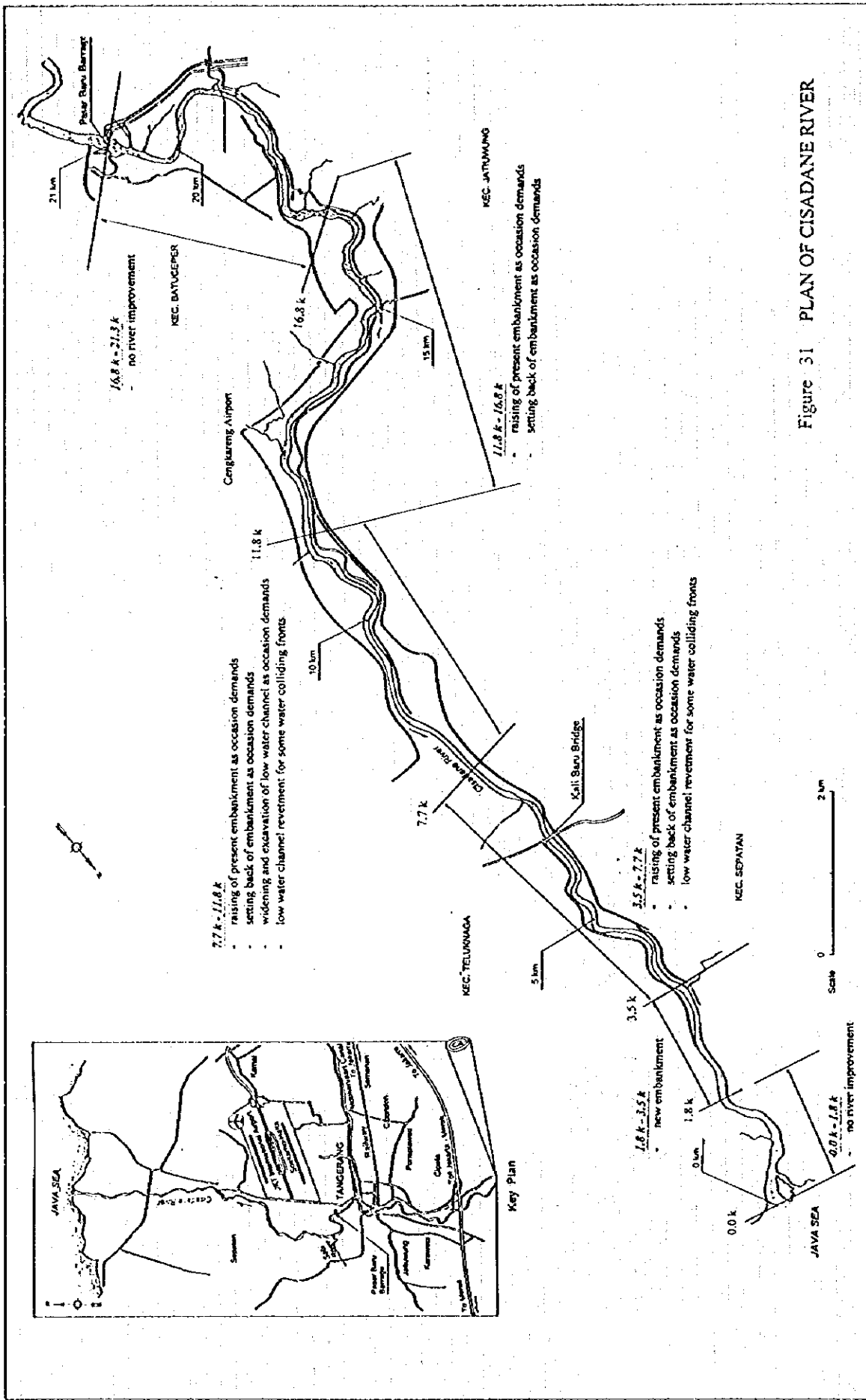


Figure 31 PLAN OF CISADANE RIVER

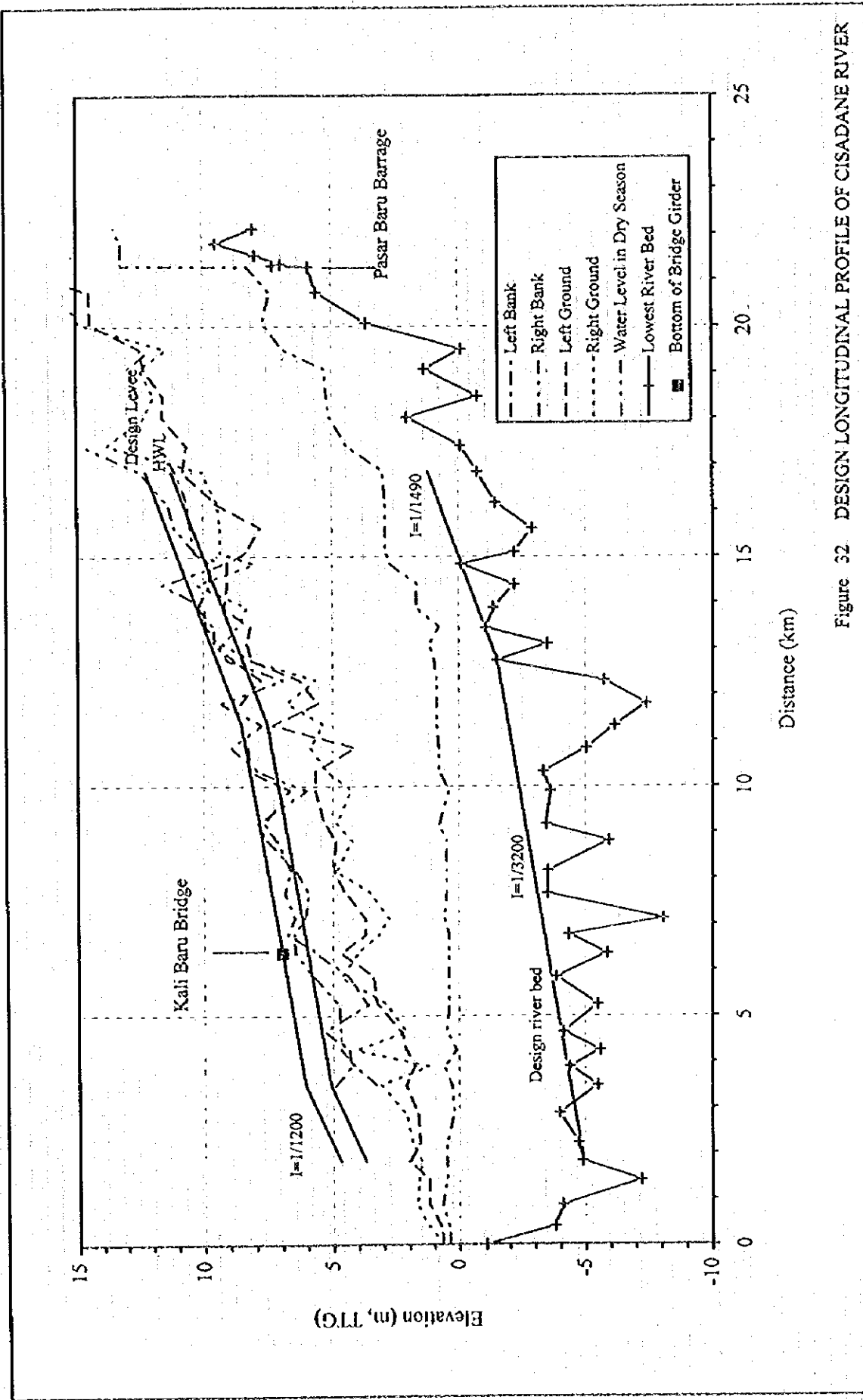


Figure 32 DESIGN LONGITUDINAL PROFILE OF CISADANE RIVER

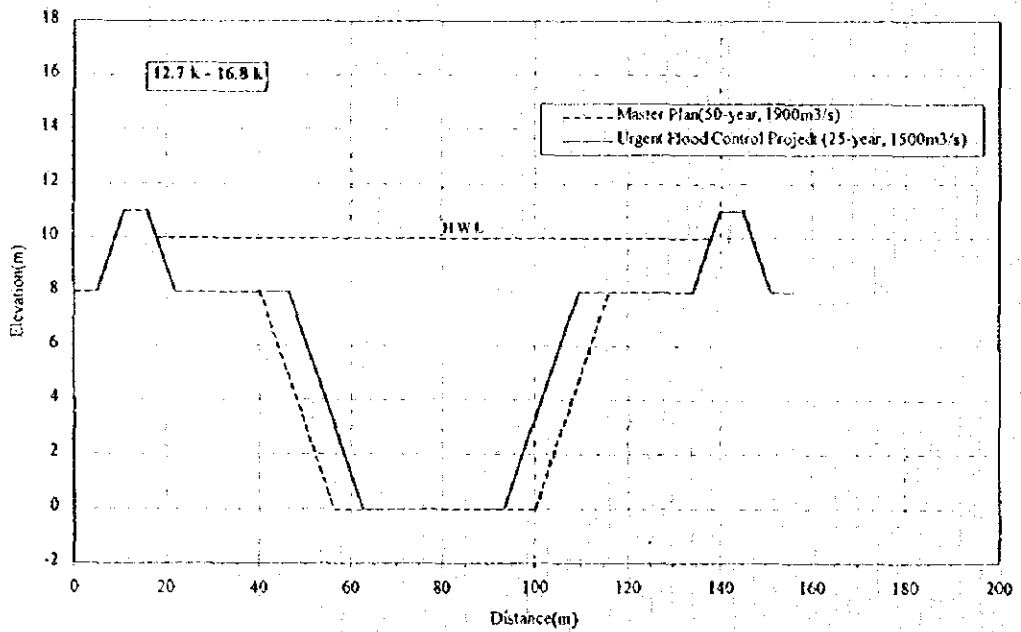
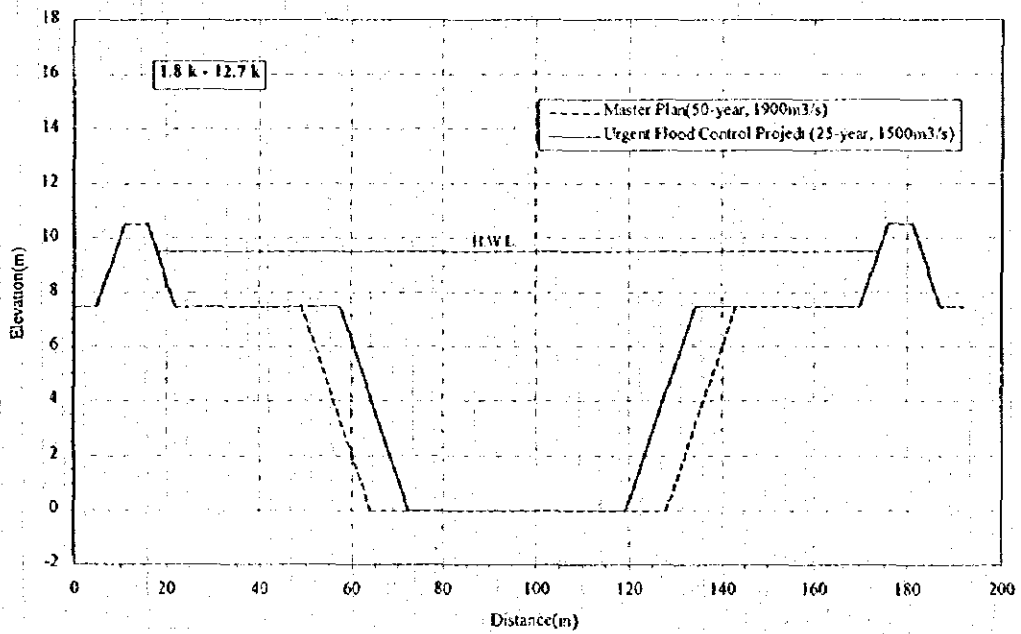


Figure 33 PROPOSED STANDARD CROSS SECTION OF CISADANE RIVER

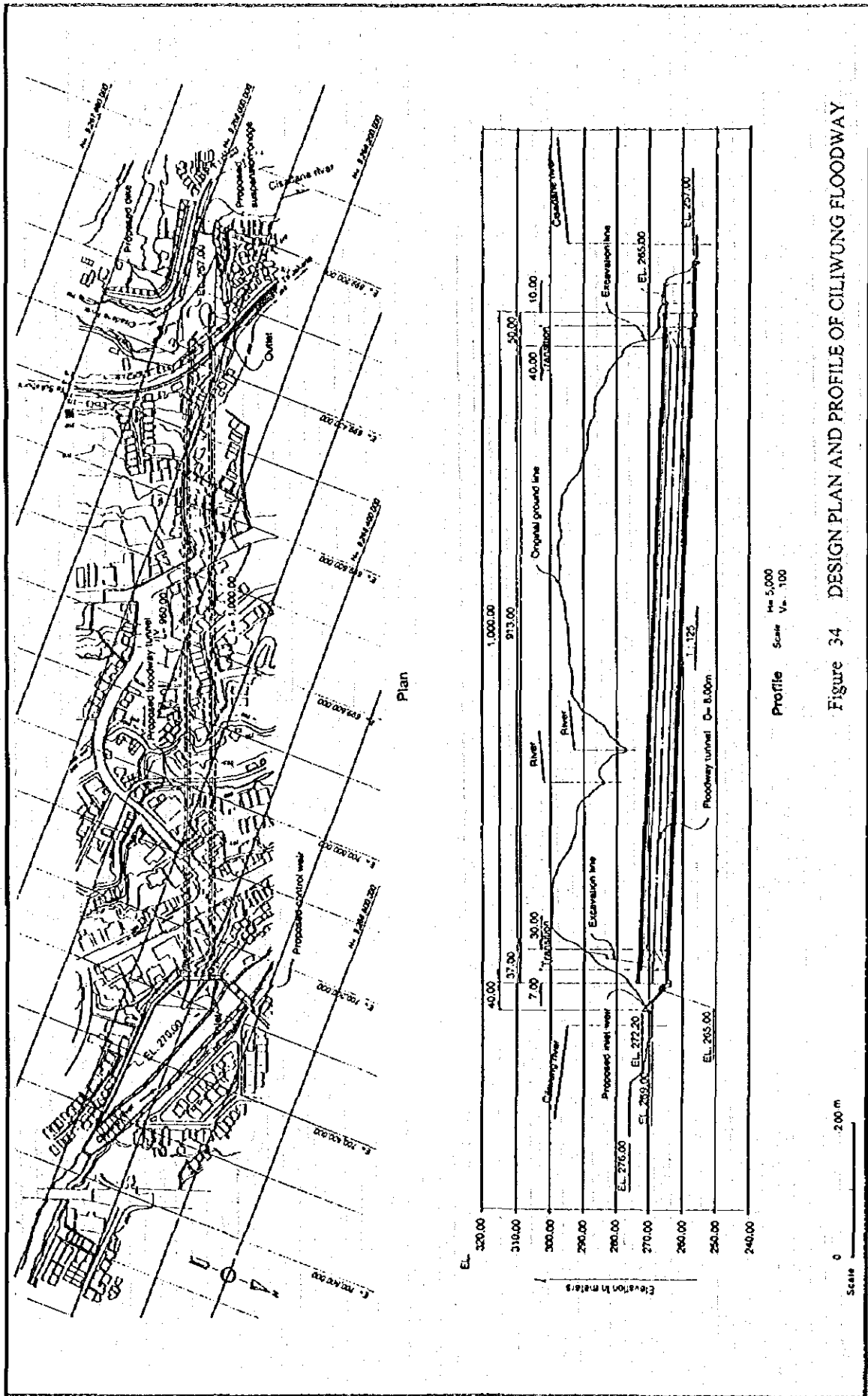


Figure 34 DESIGN PLAN AND PROFILE OF CILWUNG FLOODWAY

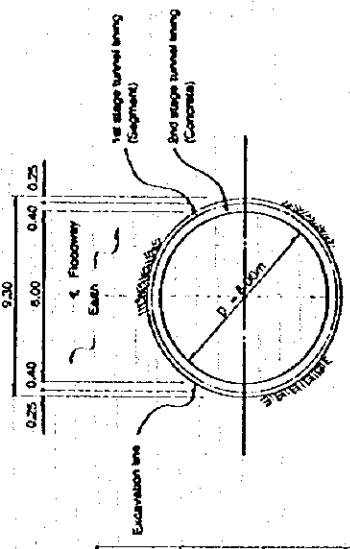
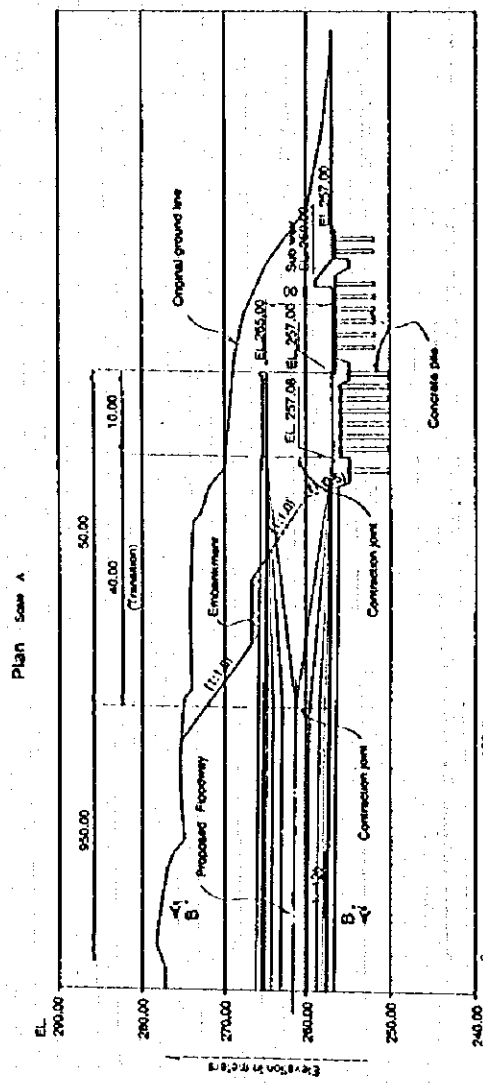
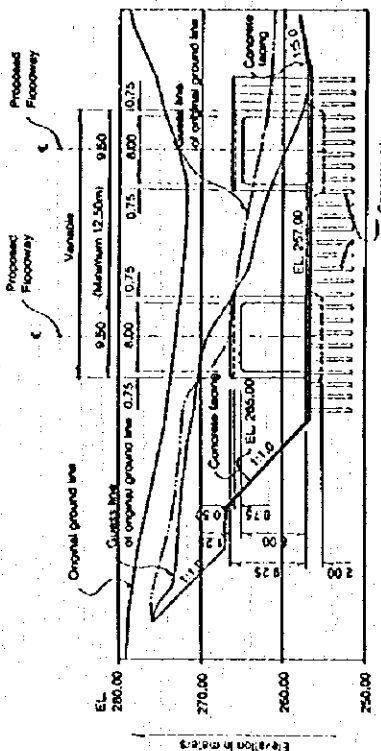
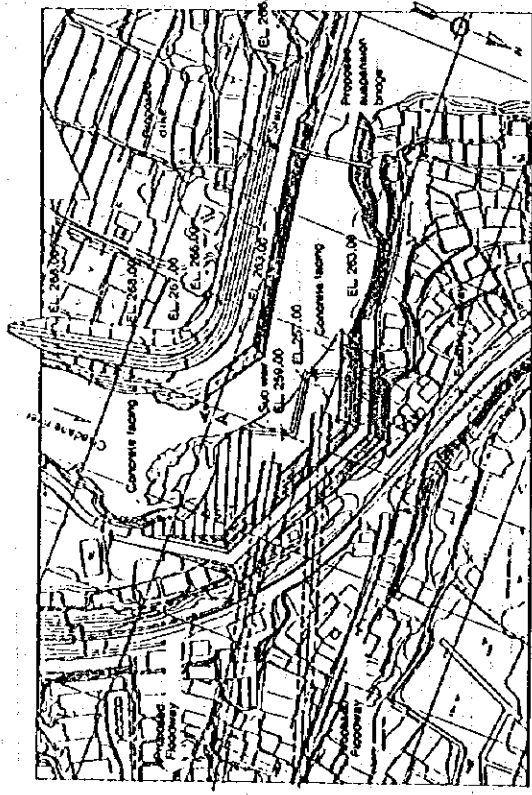


Figure 35 DESIGN PLAN AND PROFILE OF OUTLER OF CILIWUNG FLOODWAY

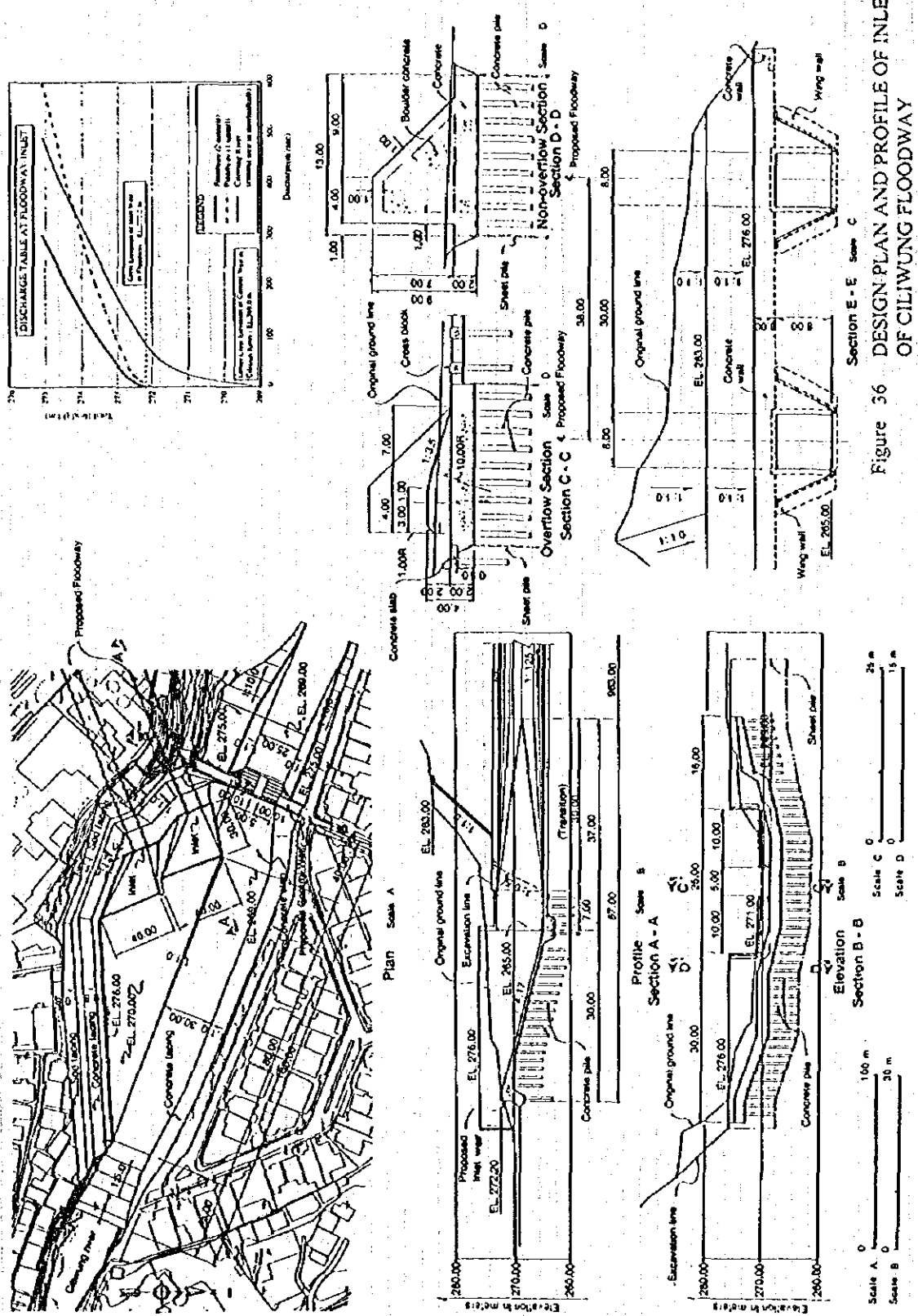


Figure 36 DESIGN PLAN AND PROFILE OF INLET OF CILWUNG FLOODWAY

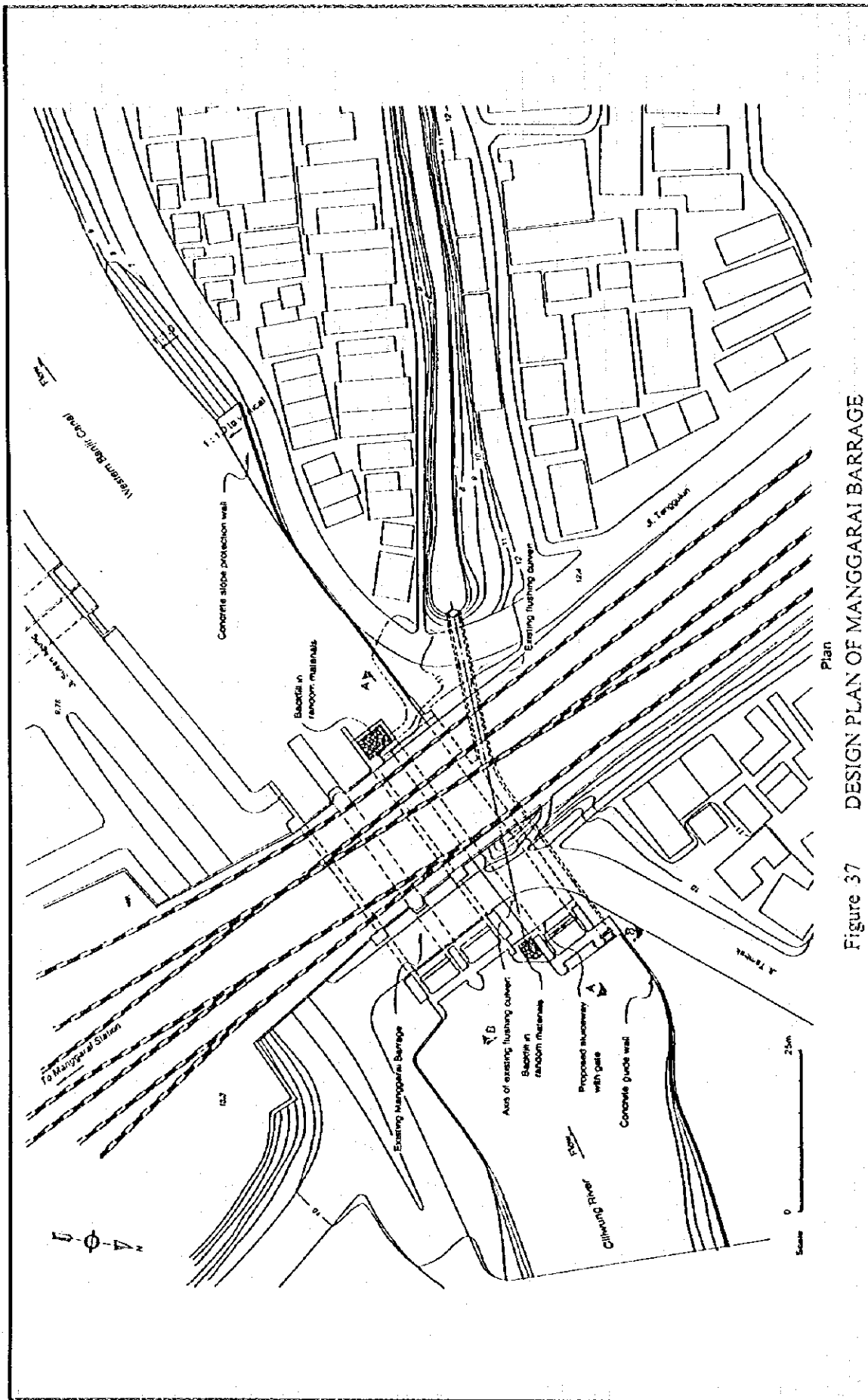
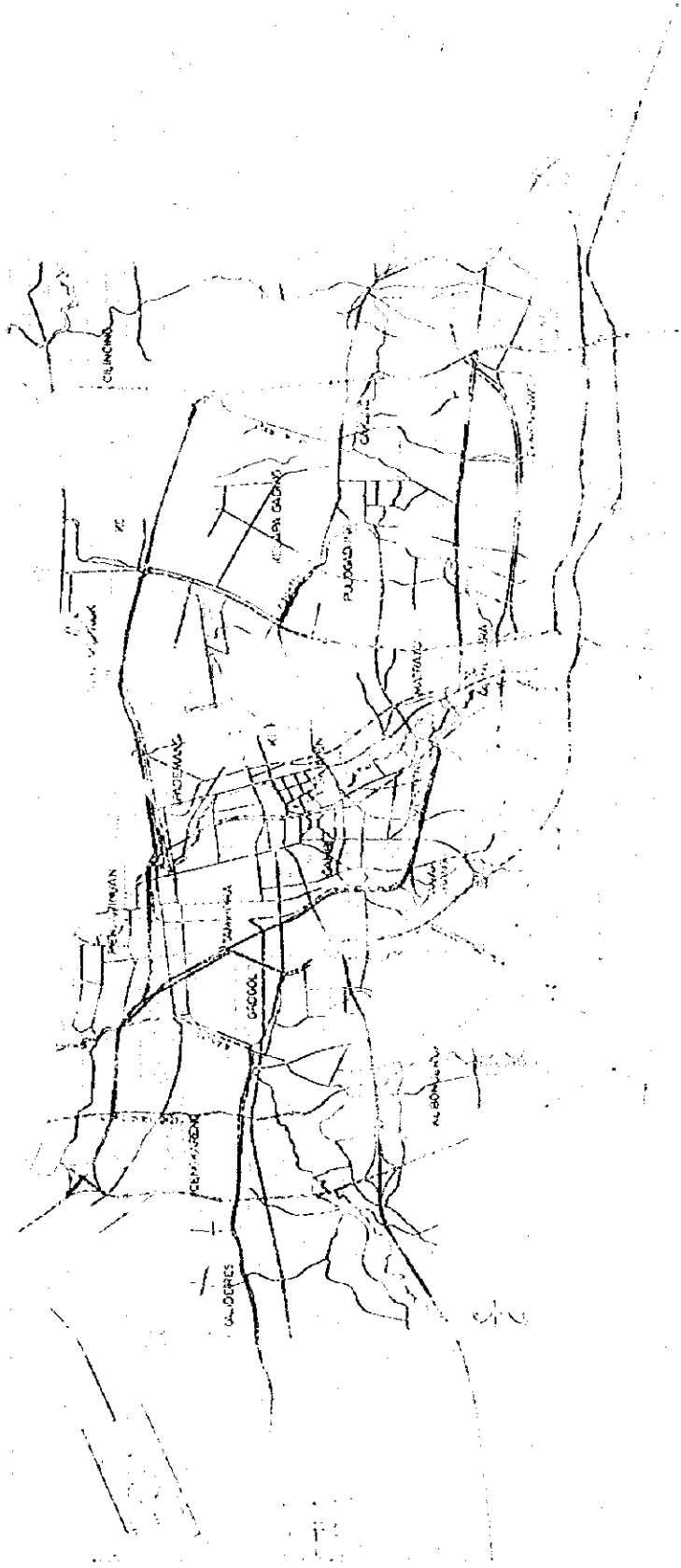


Figure 37 DESIGN PLAN OF MANGGARAI BARRAGE



THE STUDY ON COMPREHENSIVE RIVER WATER MANAGEMENT PLAN IN JABODETABEK - JAPAS: INTER-UTLONIC COOPERATION AGENCY

District of Columbia
 Planning Commission
 District of Columbia
 Planning Commission



100
 200
 300
 400
 500
 600
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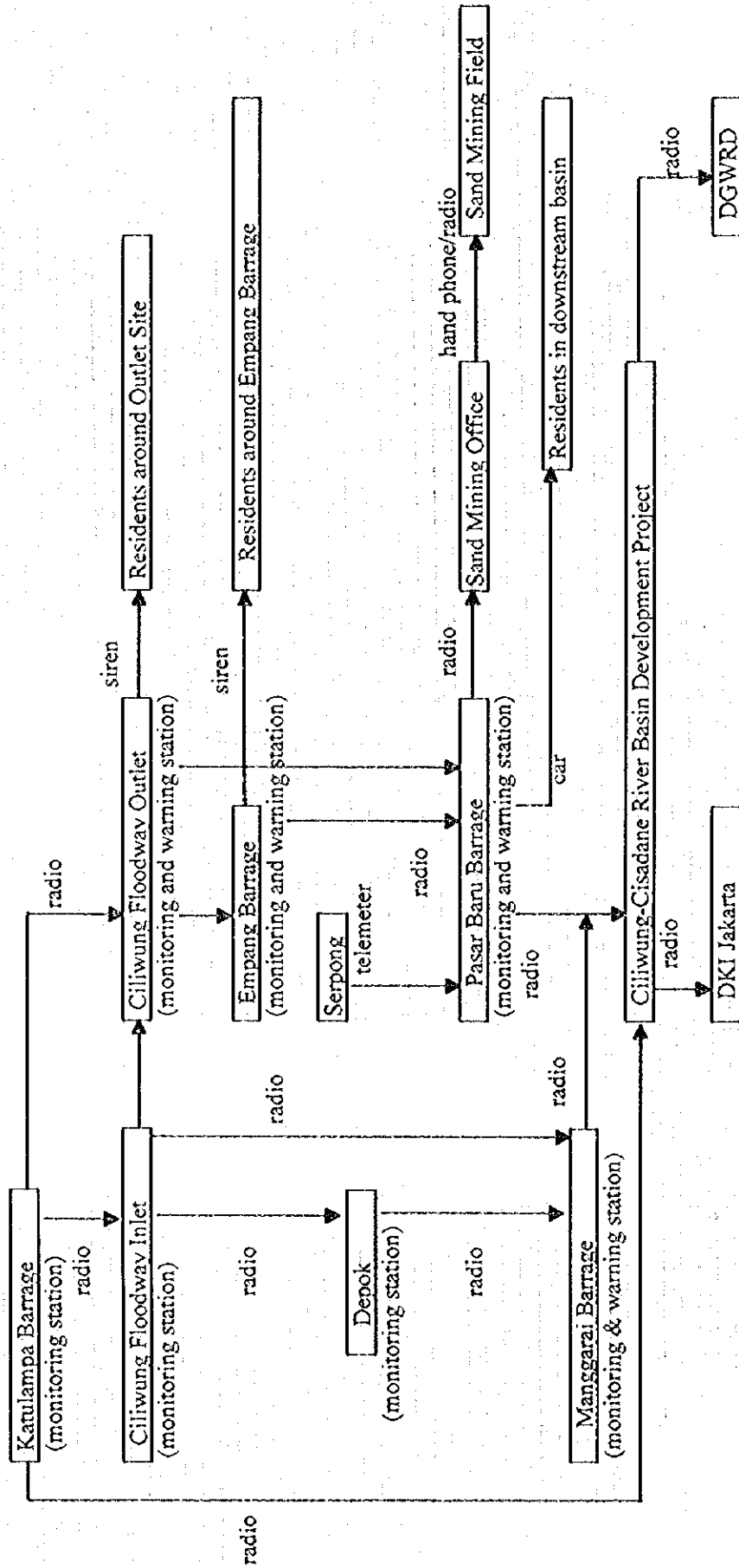
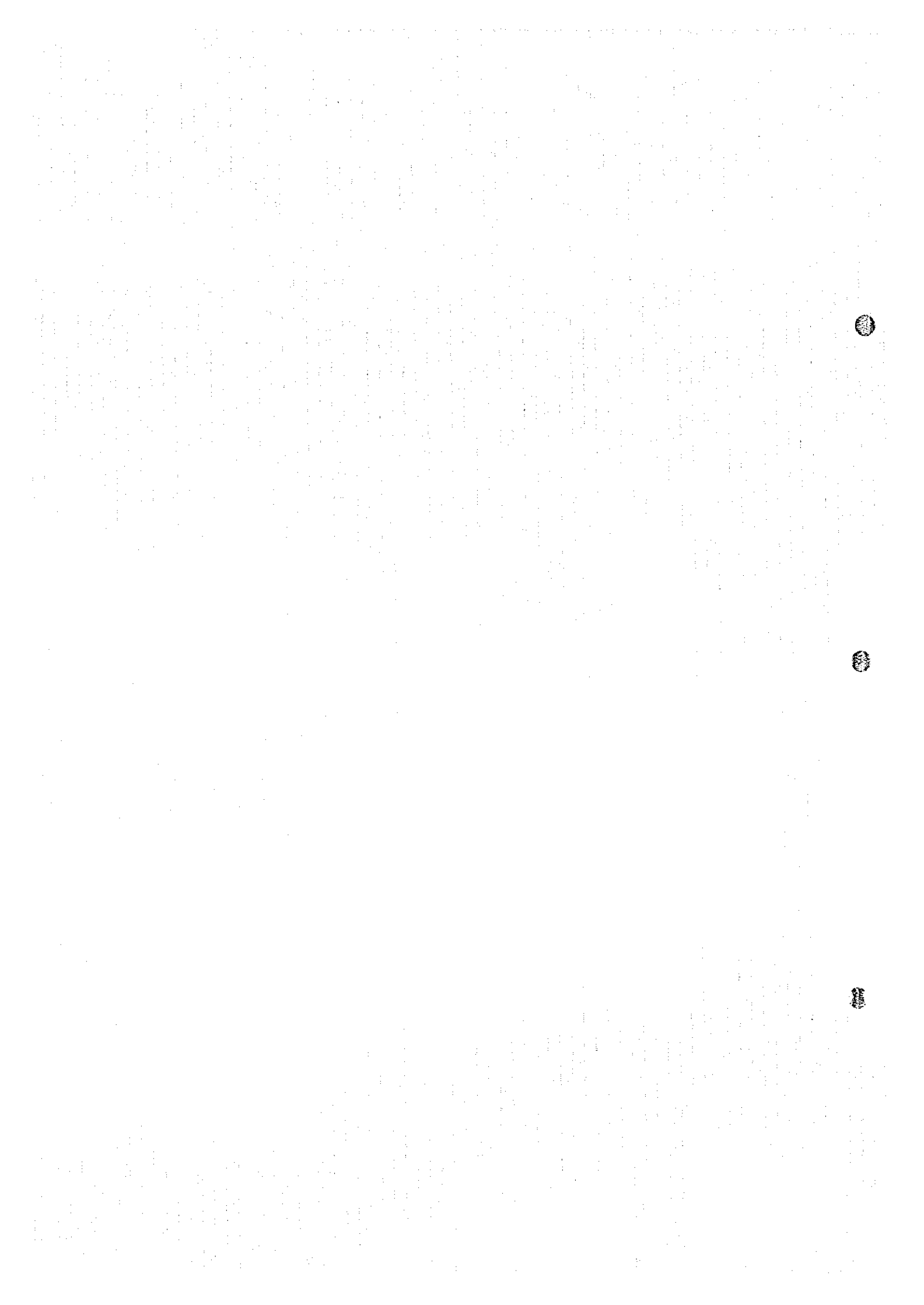


Figure 39 PROPOSED FLOOD WARNING INFORMATION NETWORK





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