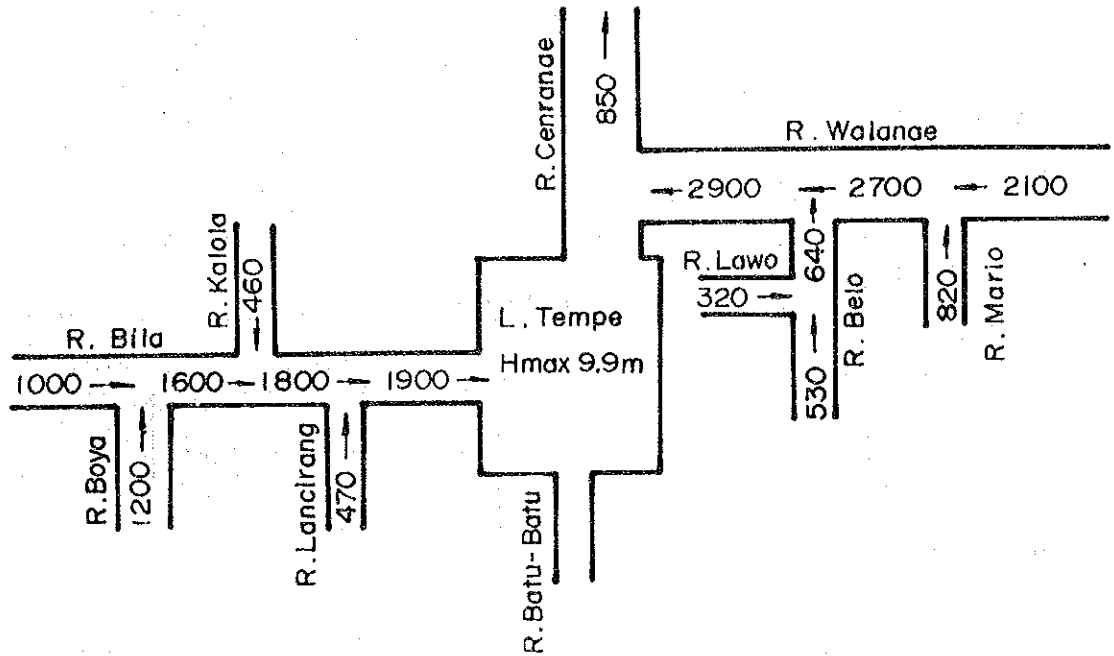


Fig 4.1 Design Flood Discharge Distribution

(Unit : m³/sec)

(a). Without Floodway and Dam



(b). With Floodway and Dam

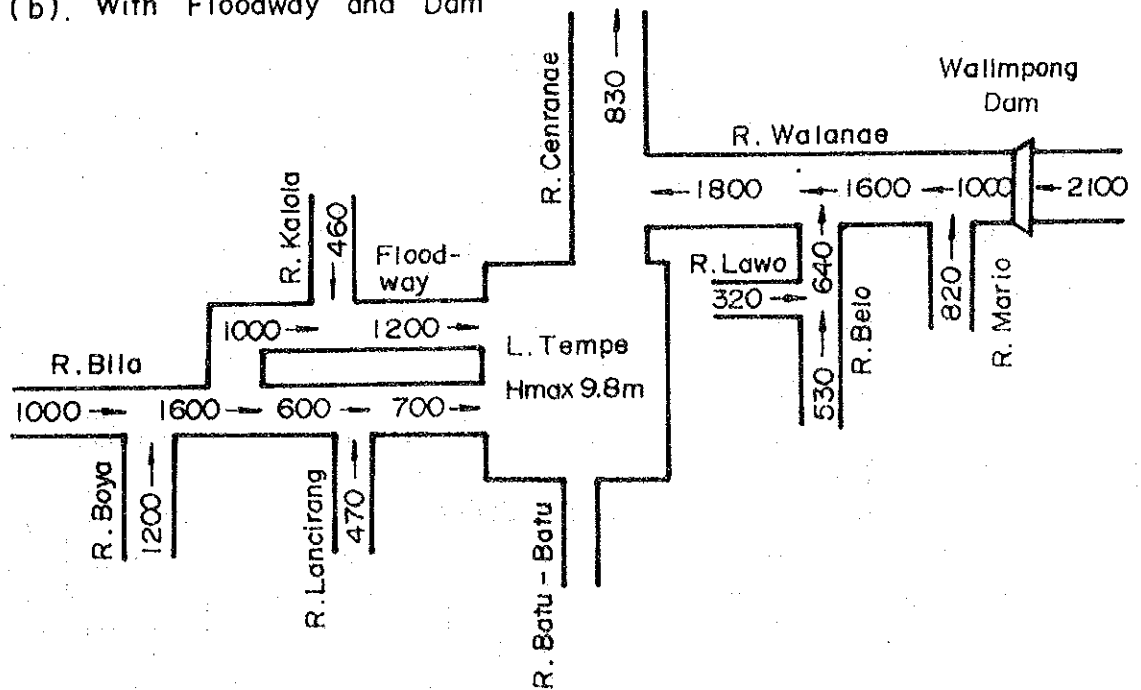


Fig. 4-2 Flood Discharge Distribution of Walanae River With Dam (20yr-Flood)

(Unit: m^3/s)

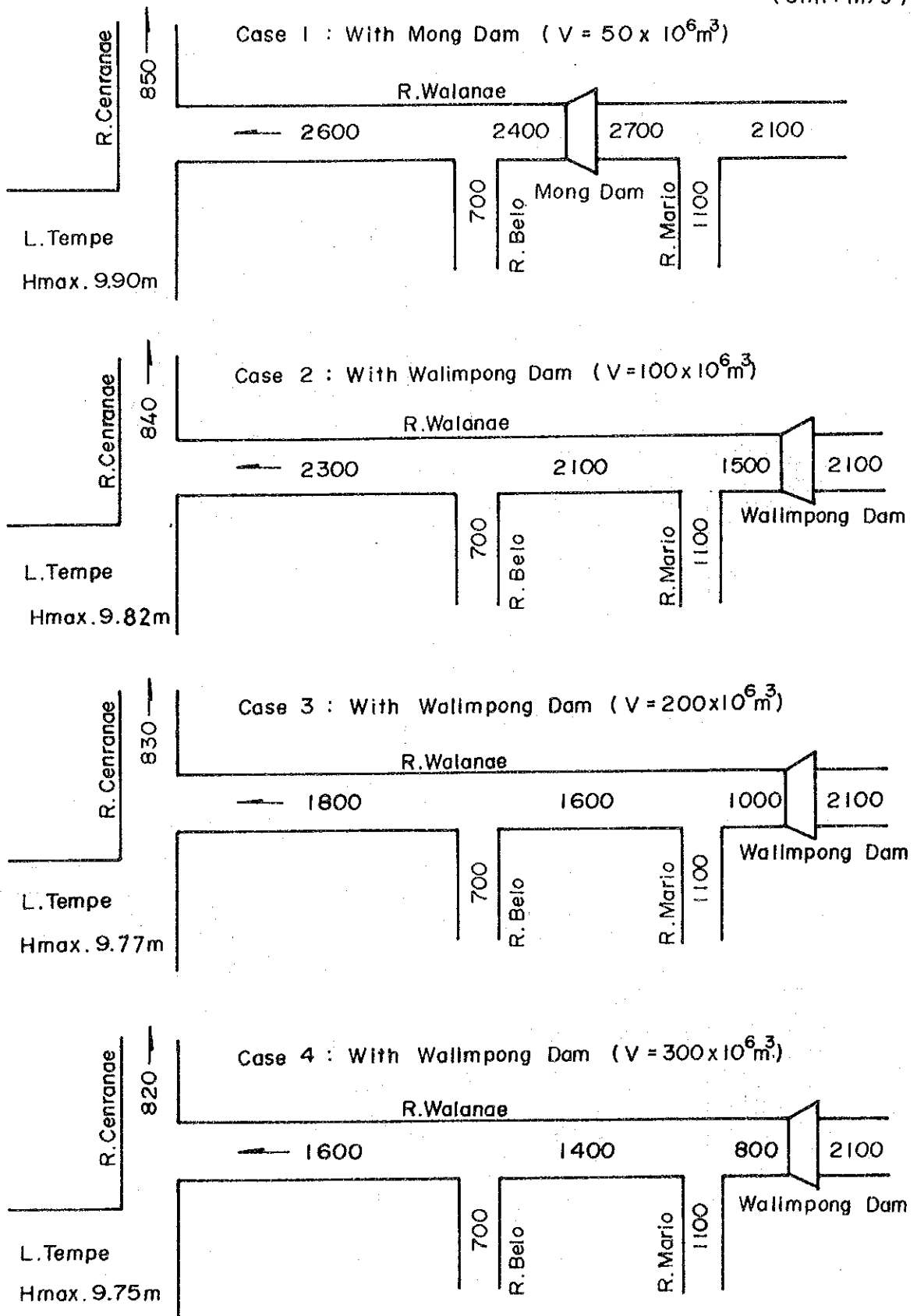


Fig 4.3 Calculated Water Level Hydrographs of Lake Tempe

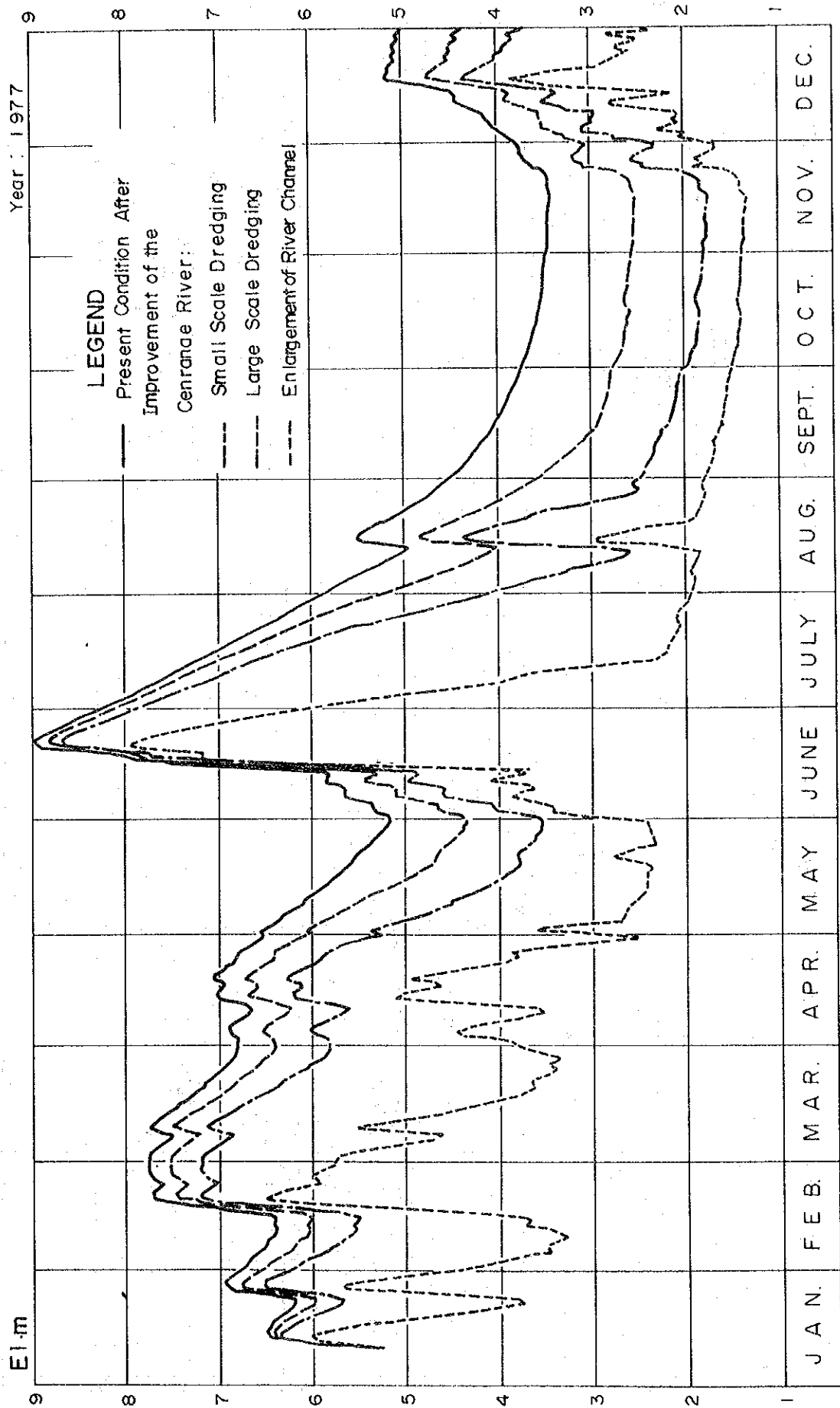


Fig 4.4 Calculated Water Level Hydrographs of Lake Tempe

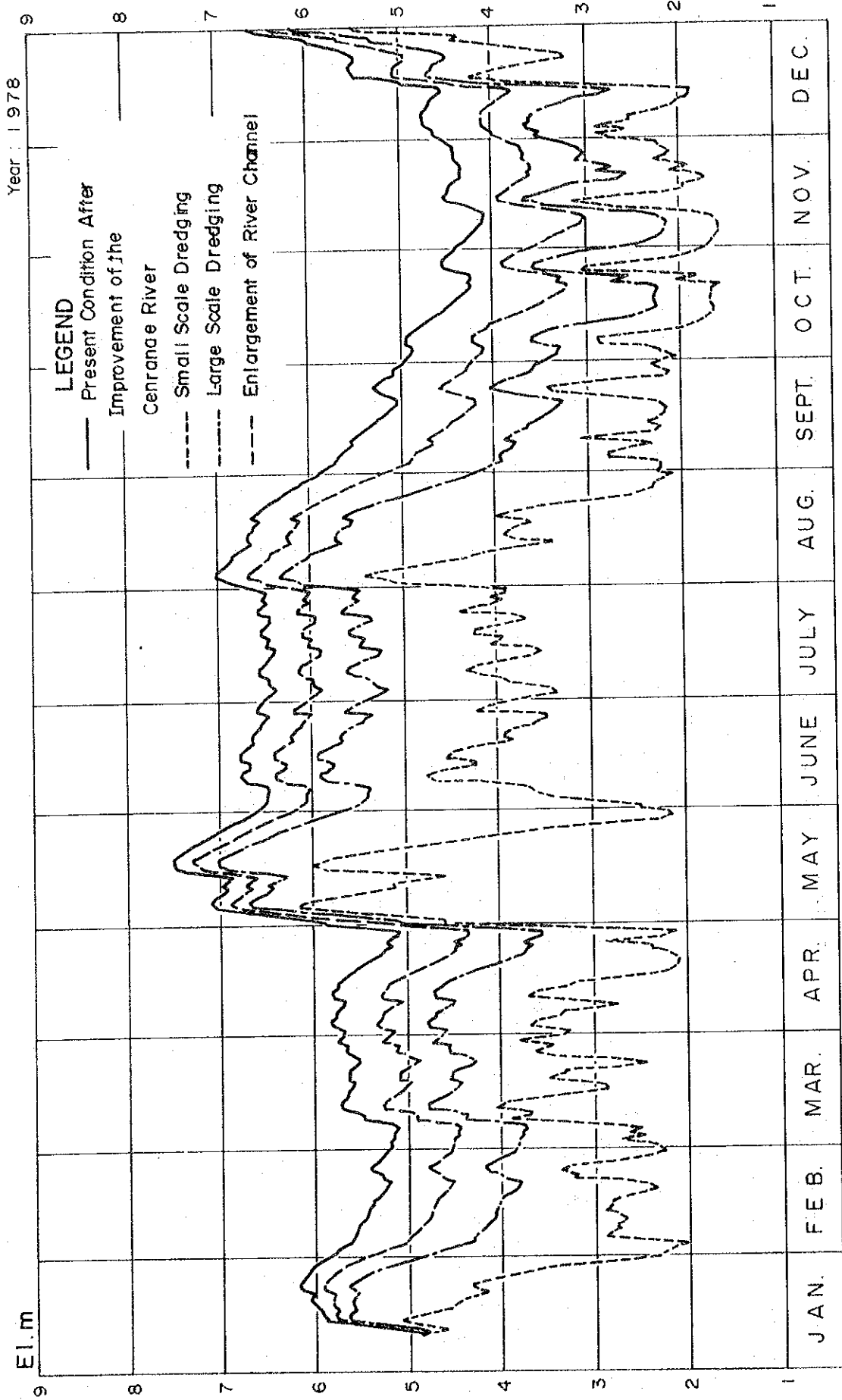


Fig.4.5 Relation between Reduction of HWL of L.Tempe and Dredging Volume or Return Period

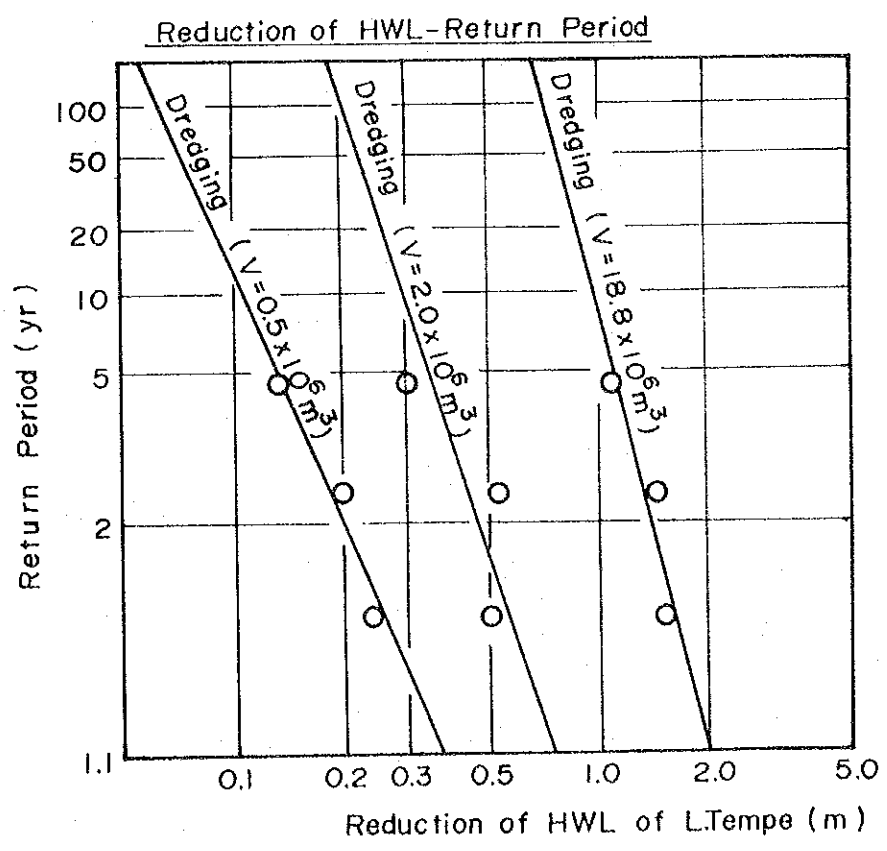
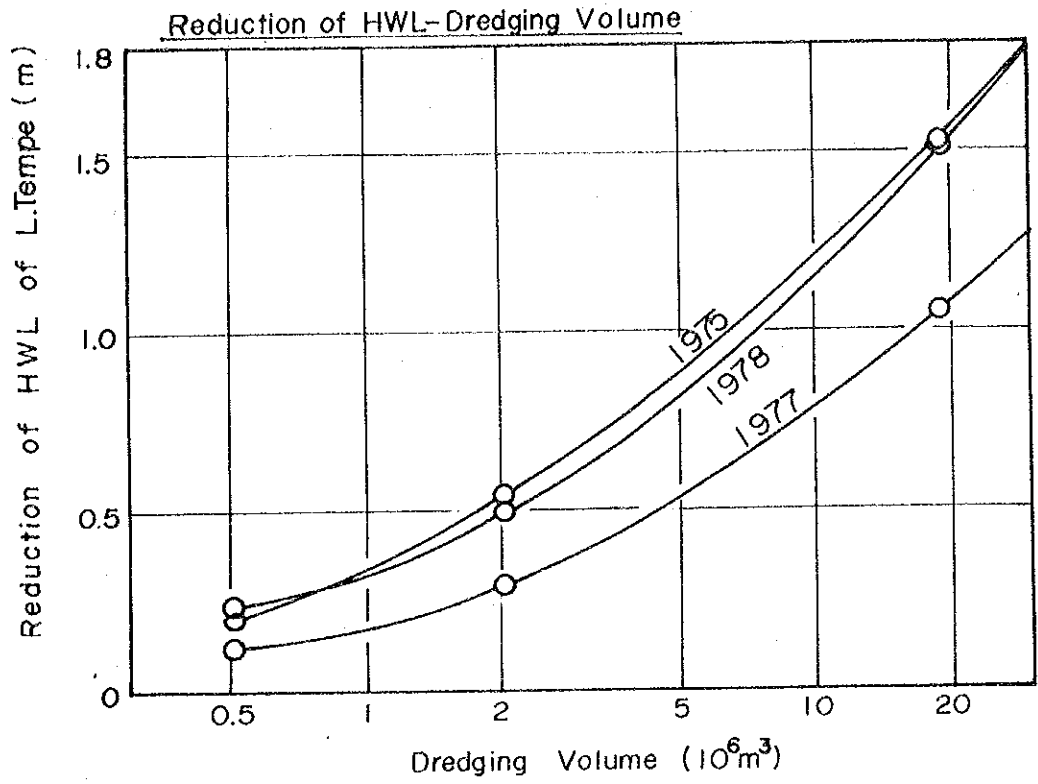


Fig. 4.6 Planned Polder Levee

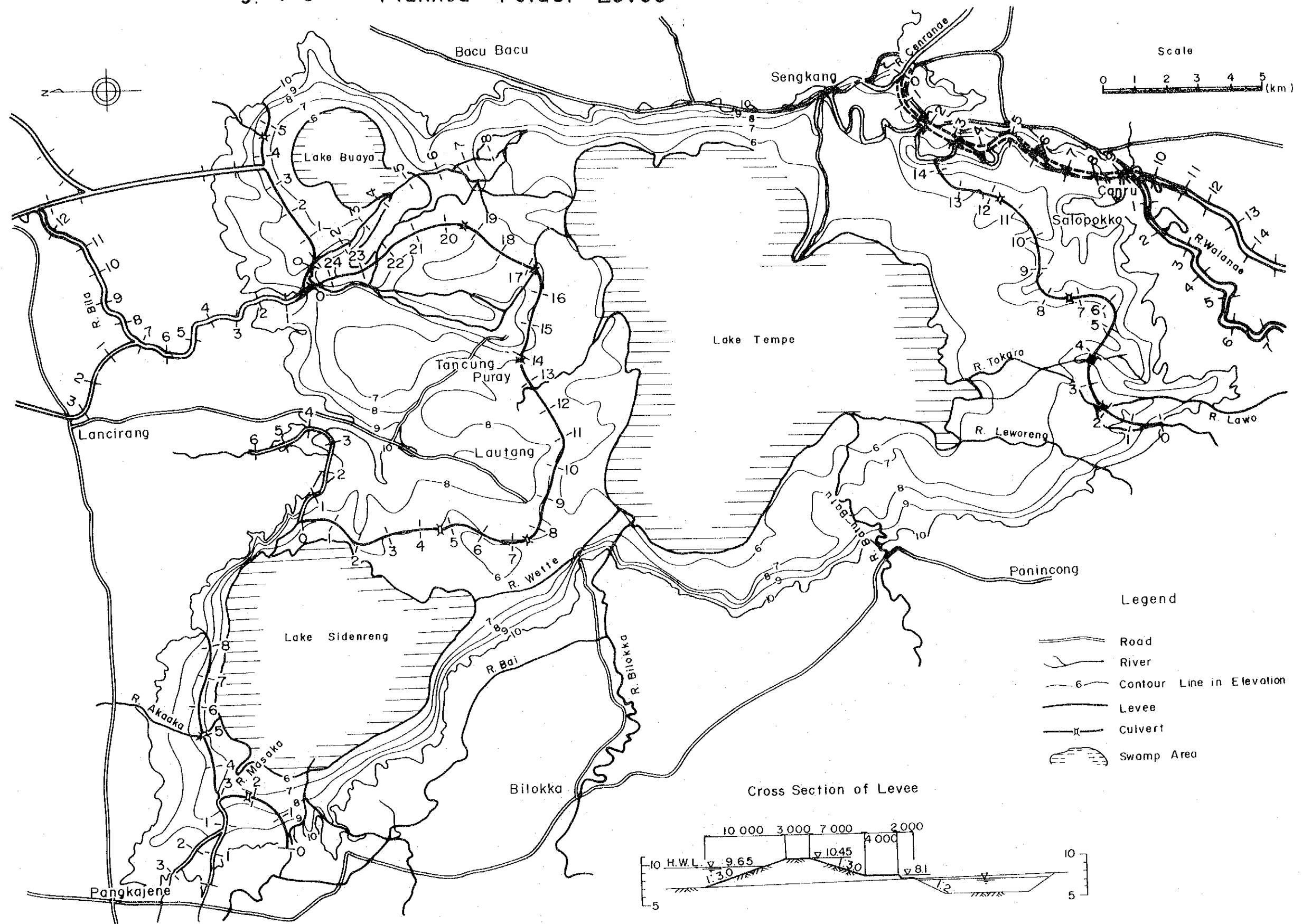


Fig. 4.7 Water Level Hydrograph in Belawa Planned Polder

Location Belawa
Probability 1/5

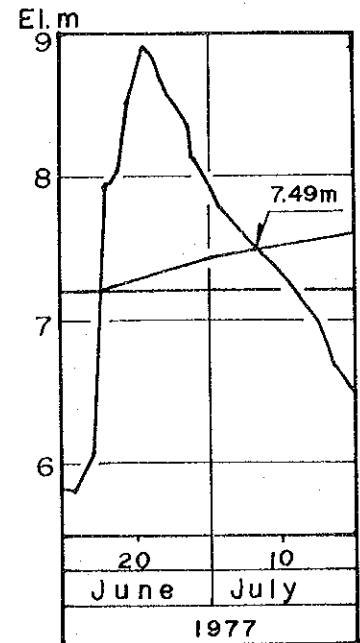
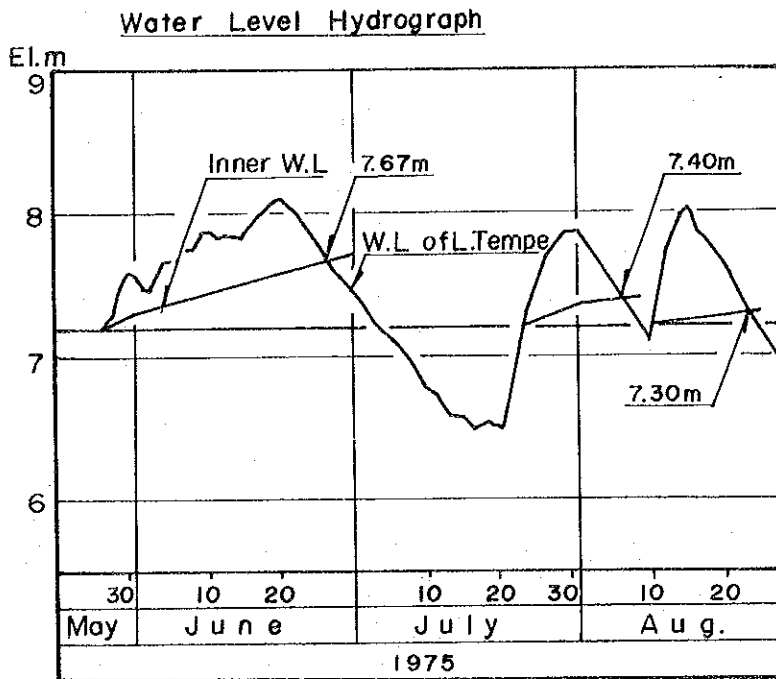
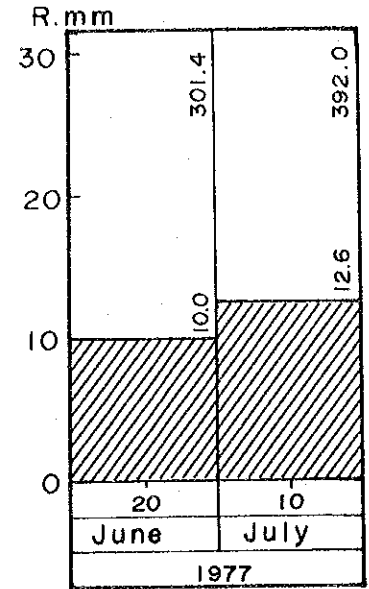
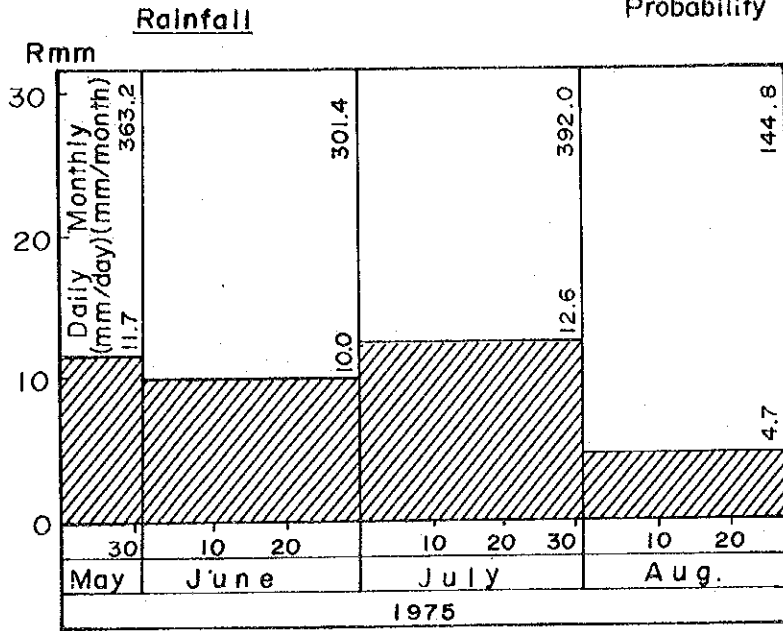


Fig. 4.8 Planned River Courses of Bila River

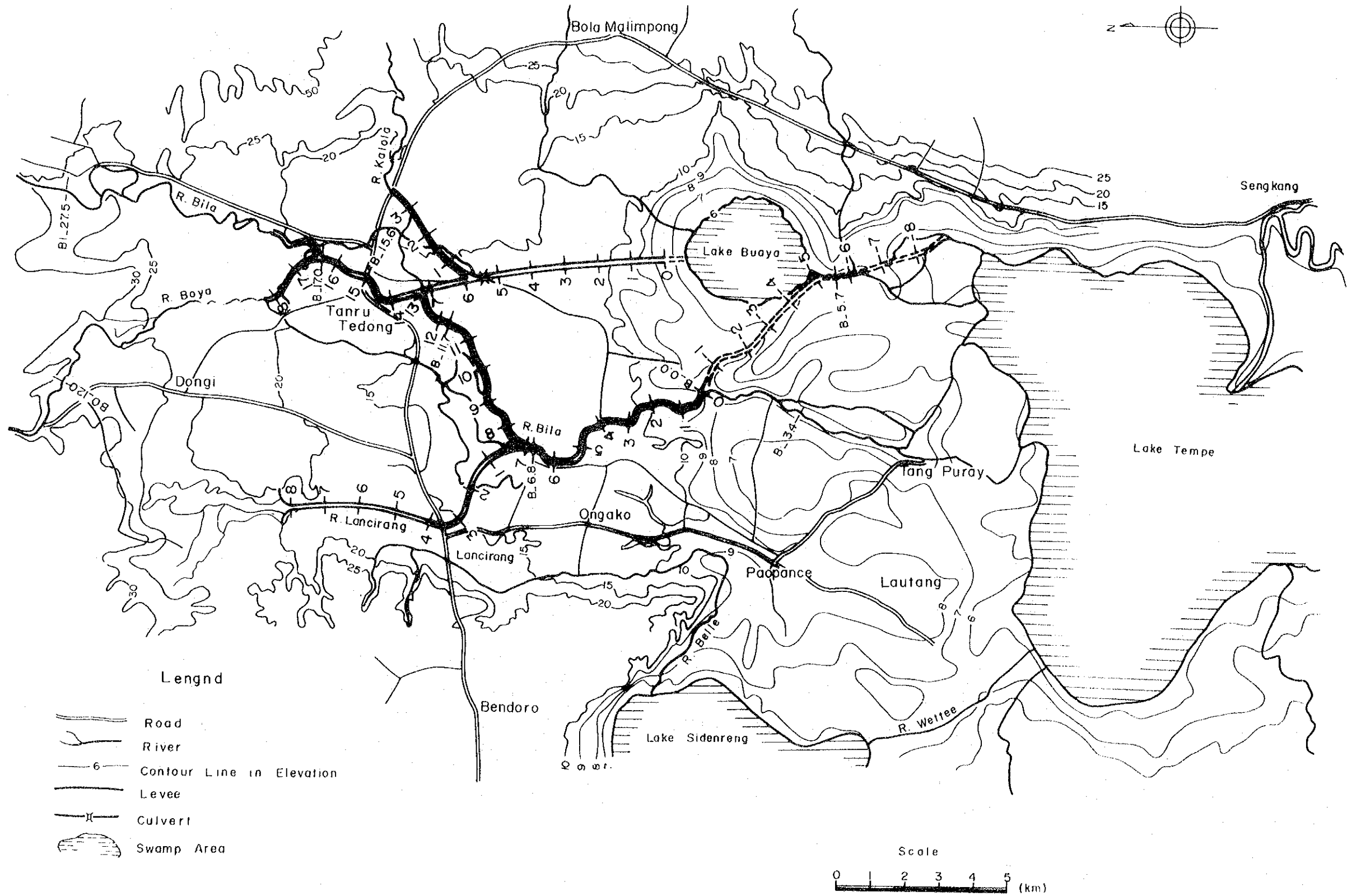


Fig. 4-9 Planned Longitudinal Profiles and Cross-Sections of Bila River

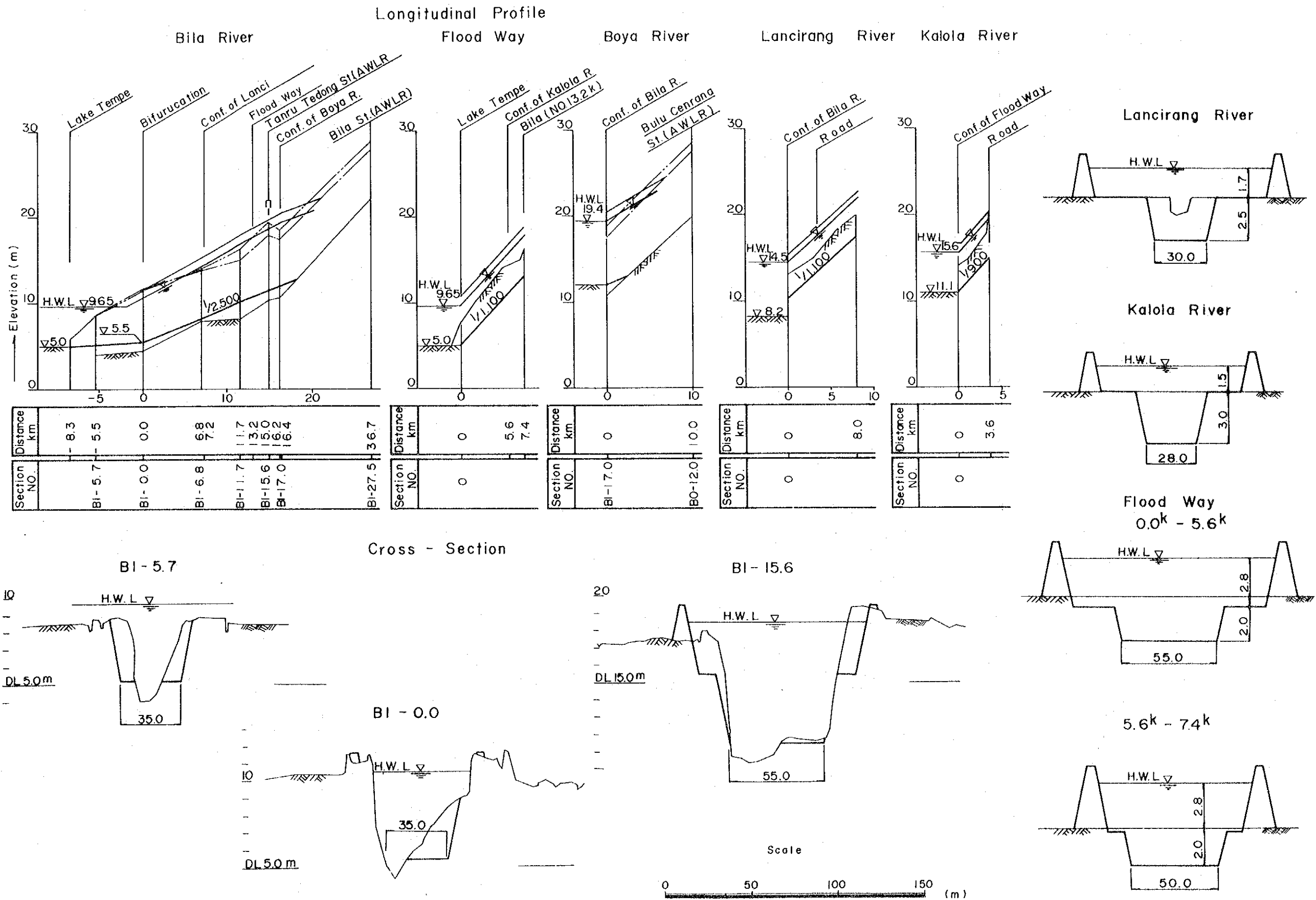


Fig. 4.10 Planned River Courses of Walanae River

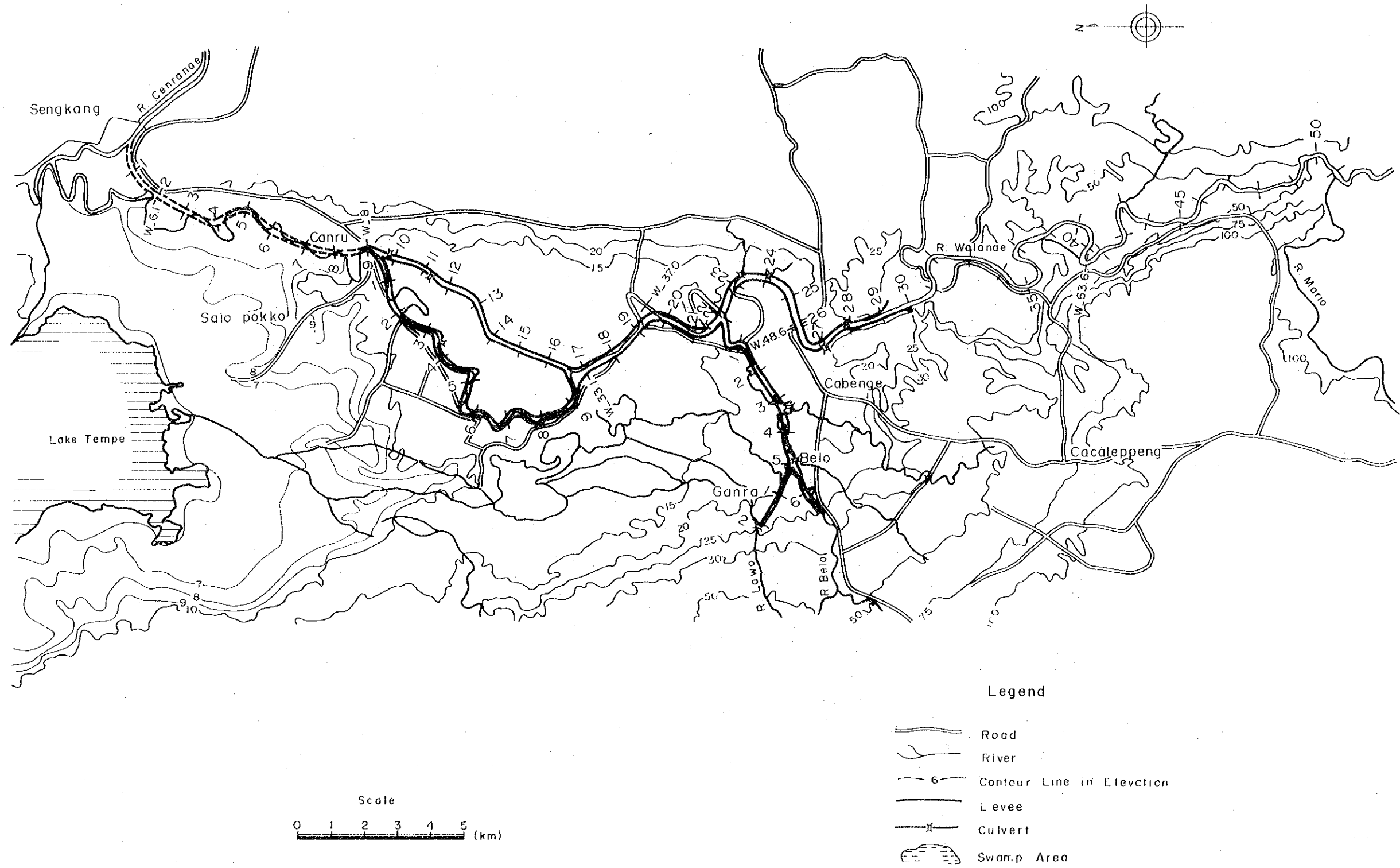


Fig. 4.11 Planned Longitudinal Profiles and Cross-Sections of Walanae River
(Without Dam)

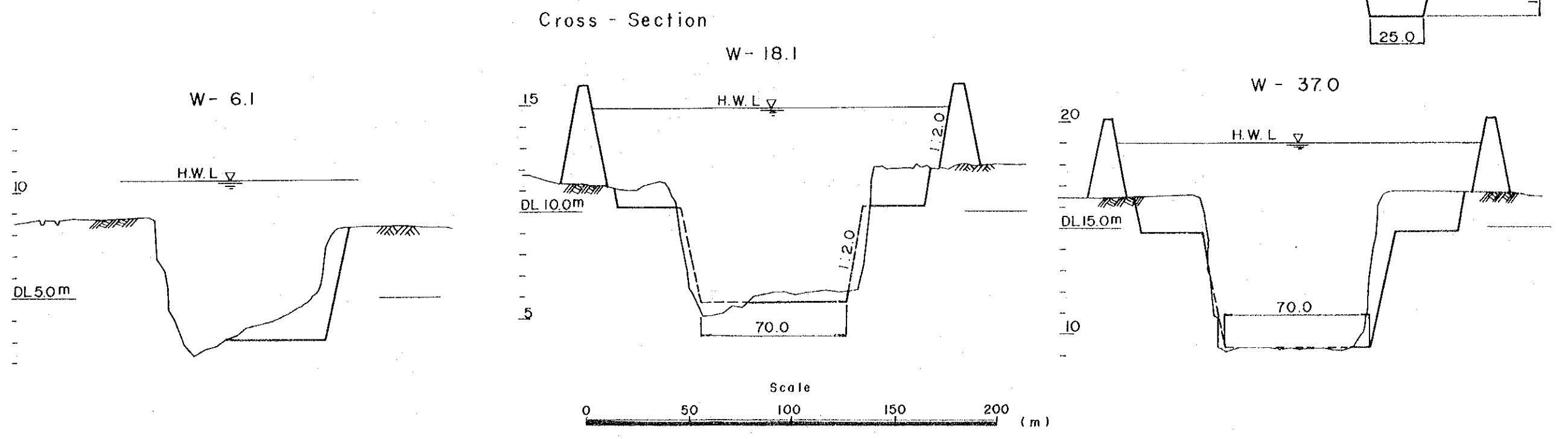
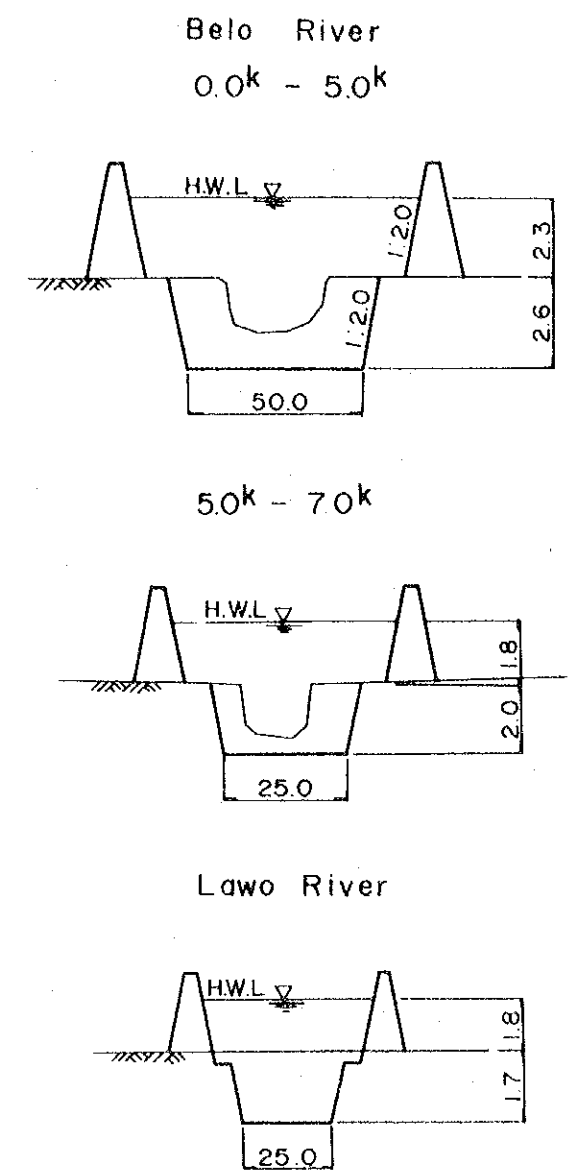
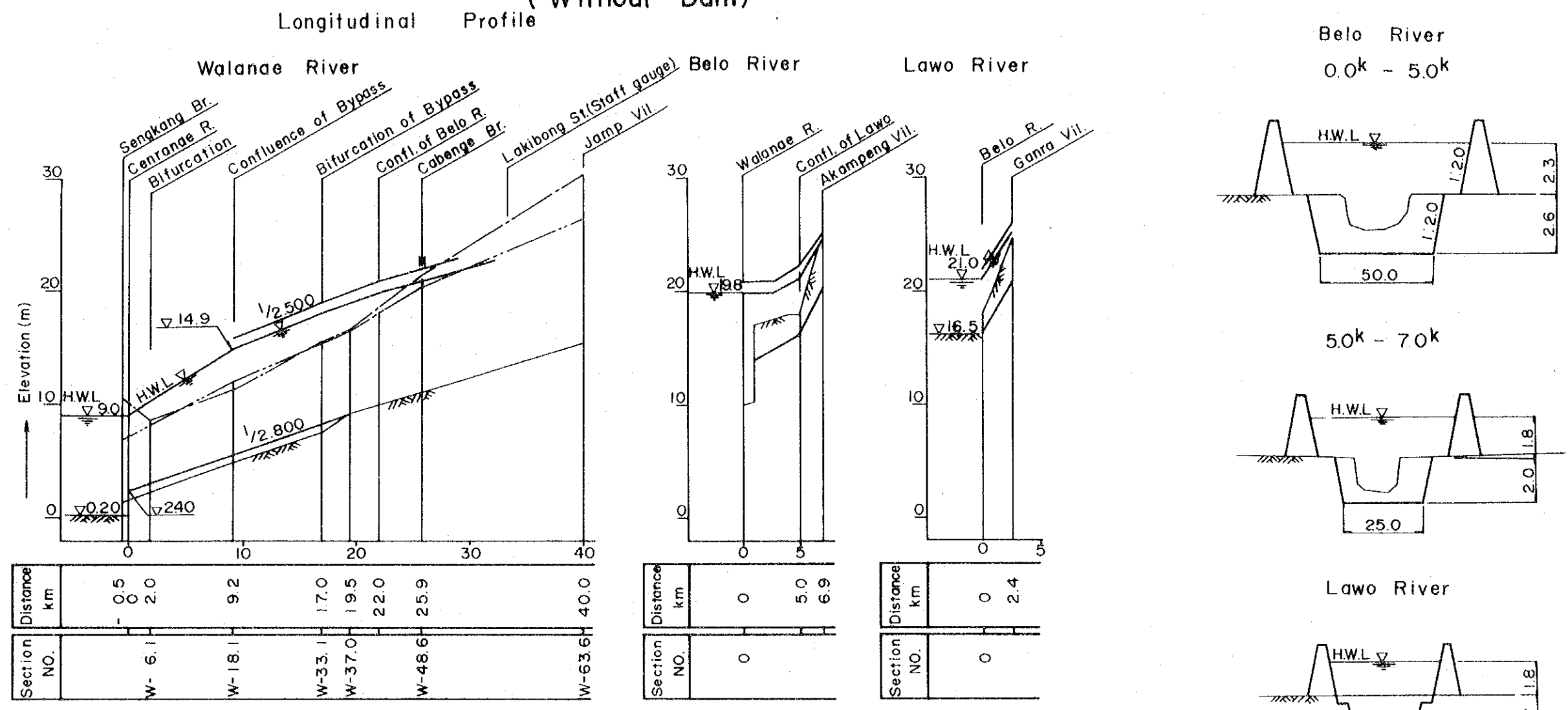


Fig. 4.12 Planned Longitudinal Profiles and Cross-Sections of Walanae River (With Mong Dam)

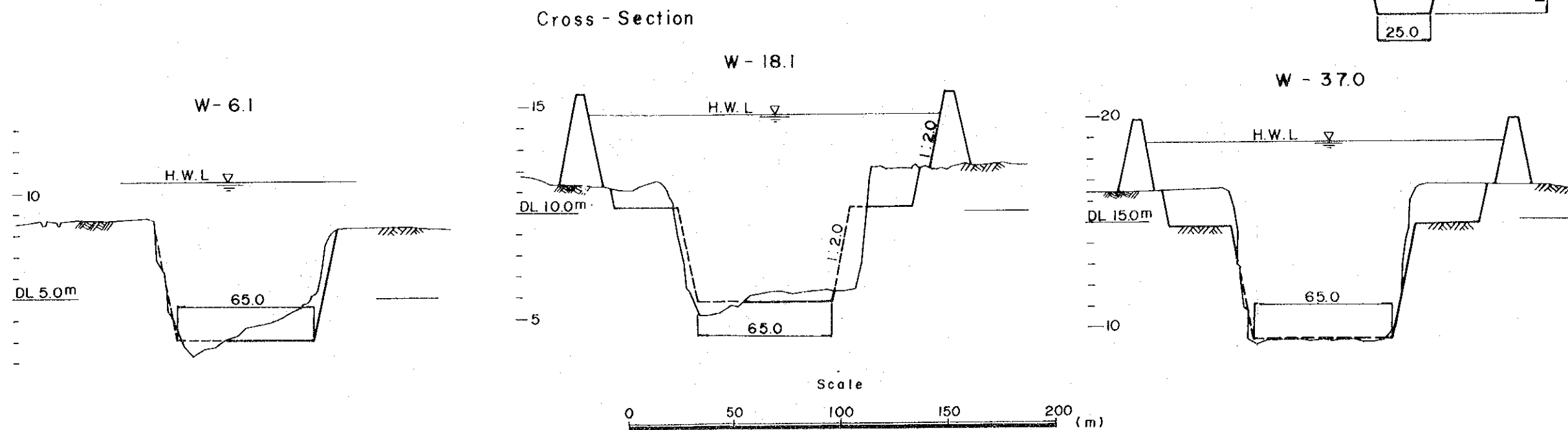
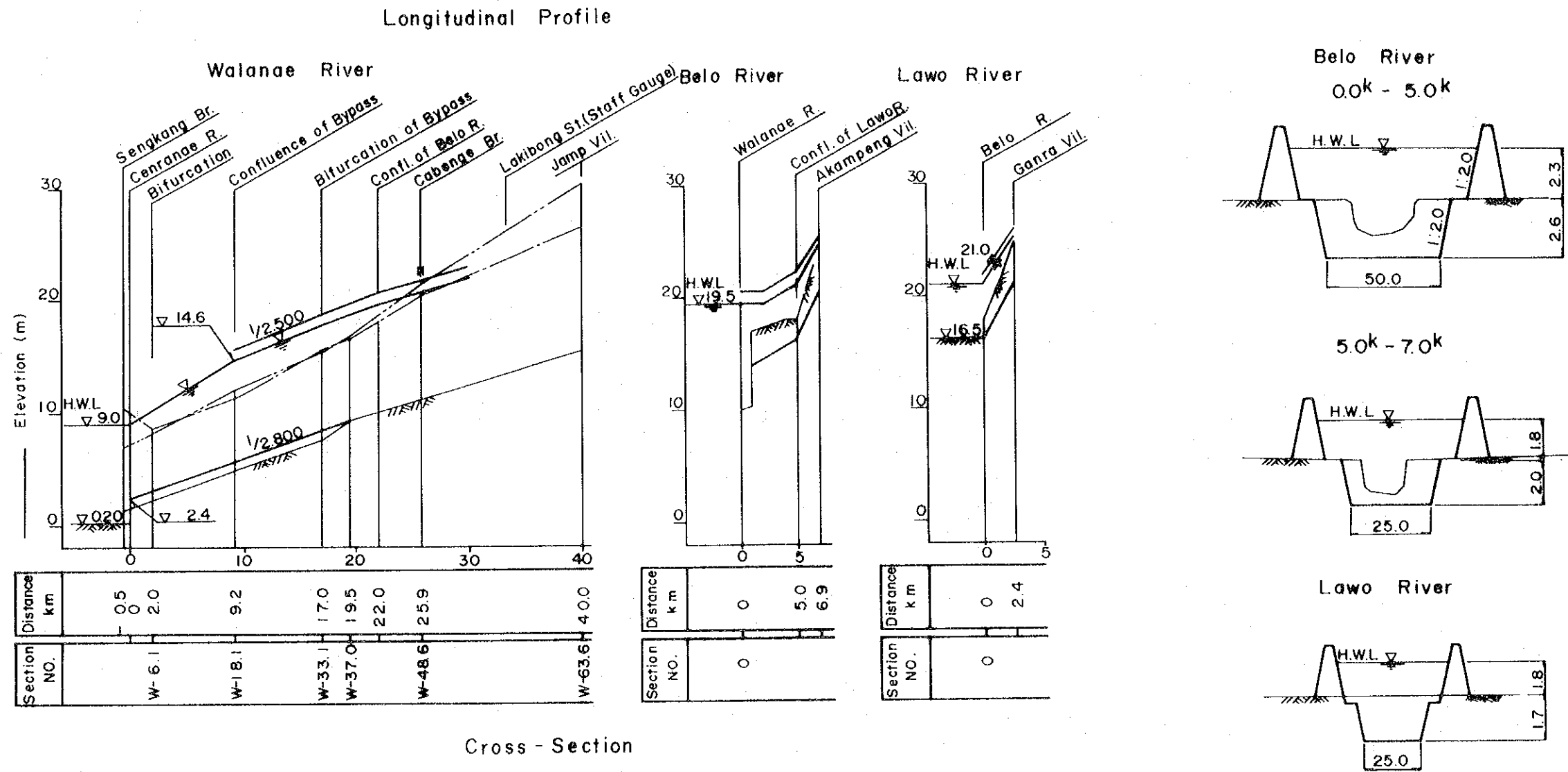
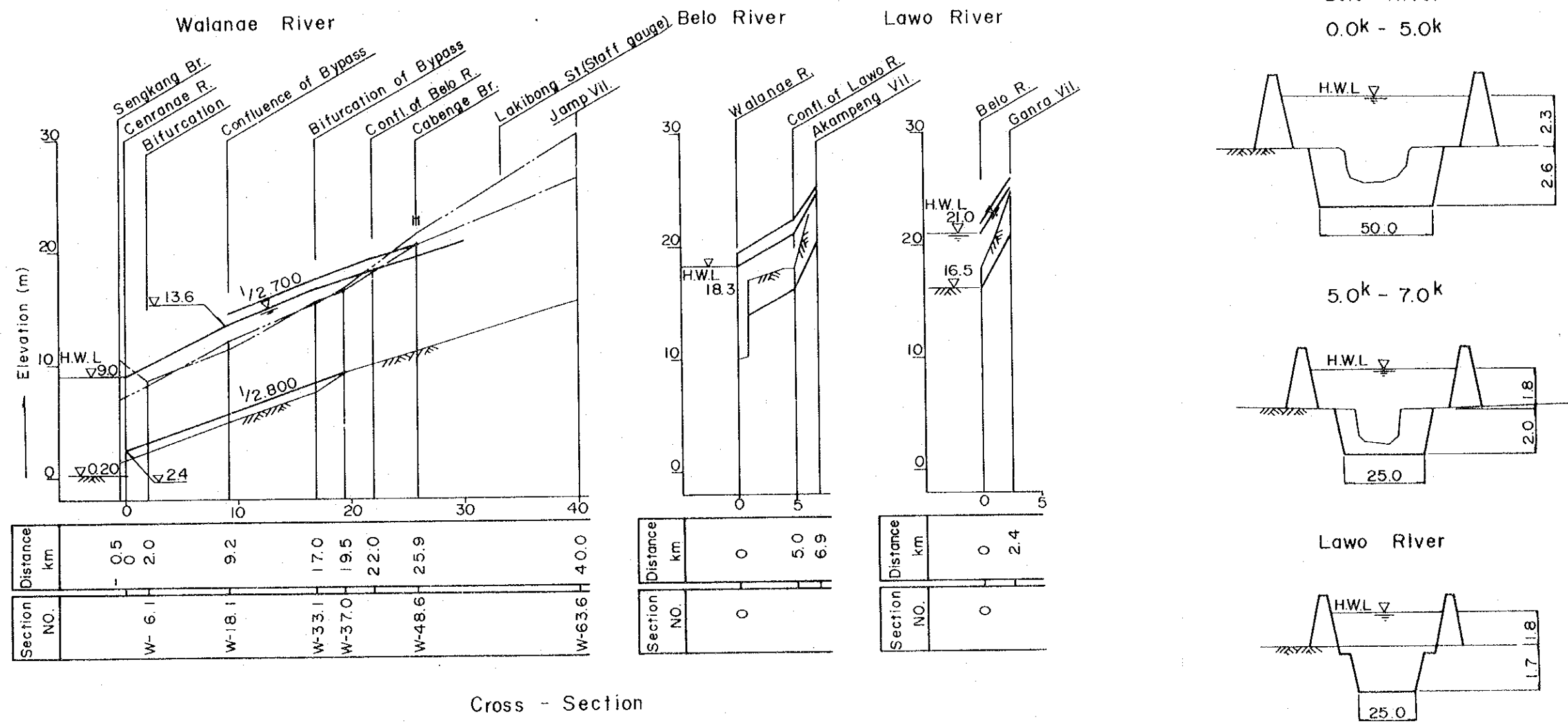


Fig. 4.13 Planned Longitudinal Profiles and Cross-Sections of Walanae River
 (With Walimpong Dam : $V = 200 \times 10^6 \text{ m}^3$)



Cross - Section

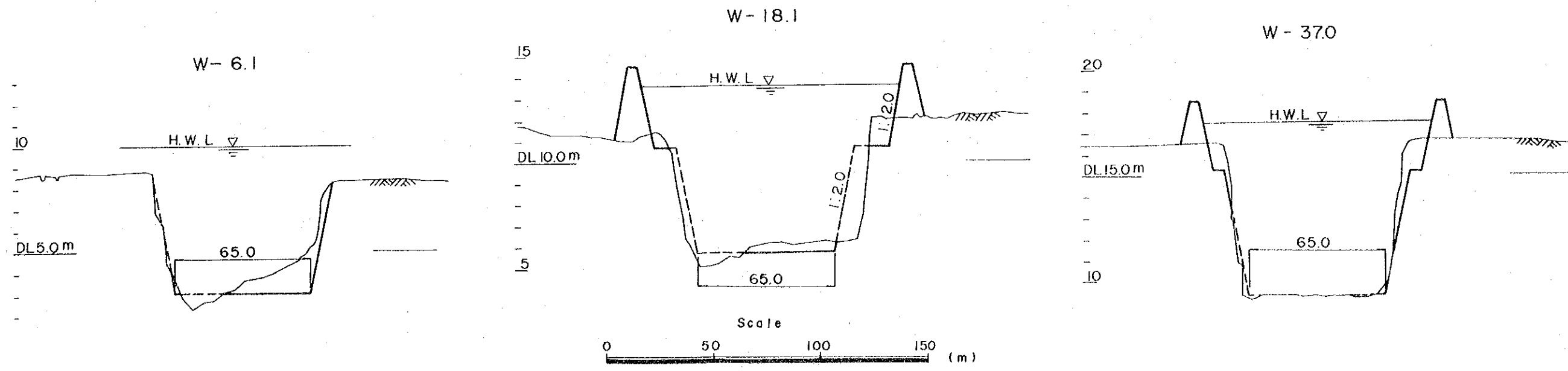
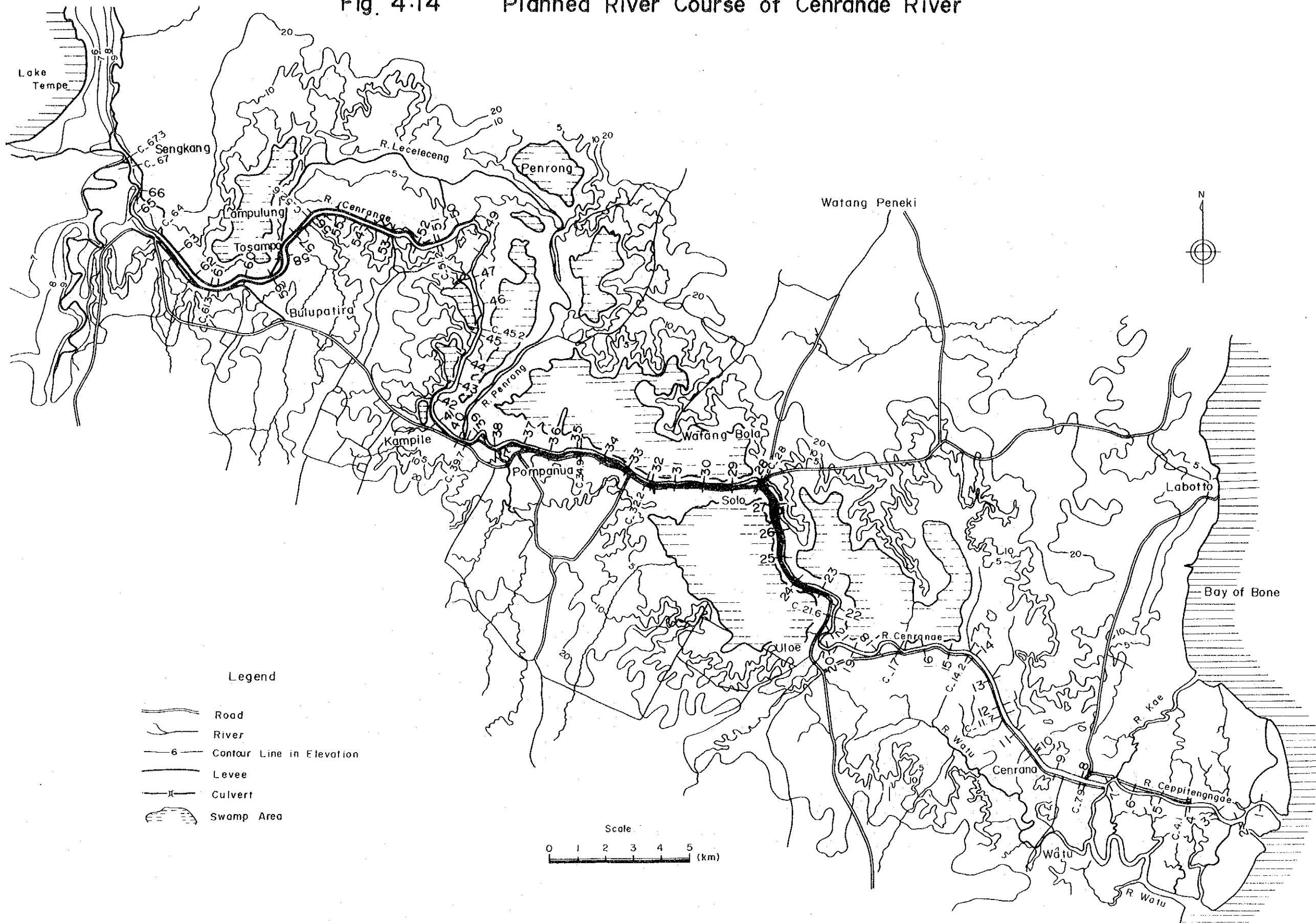


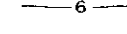

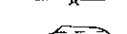



Fig. 4.14 Planned River Course of Cenranae River



Legend

-  Road
-  River
-  Contour Line in Elevation
-  Levee
-  Culvert
-  Swamp Area

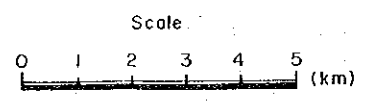
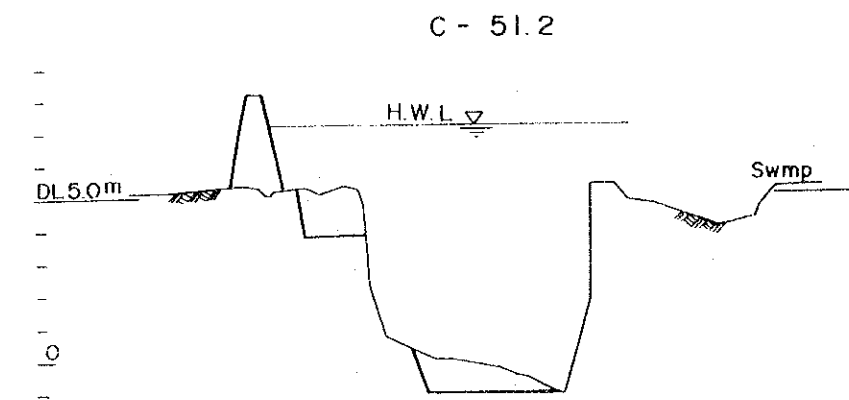
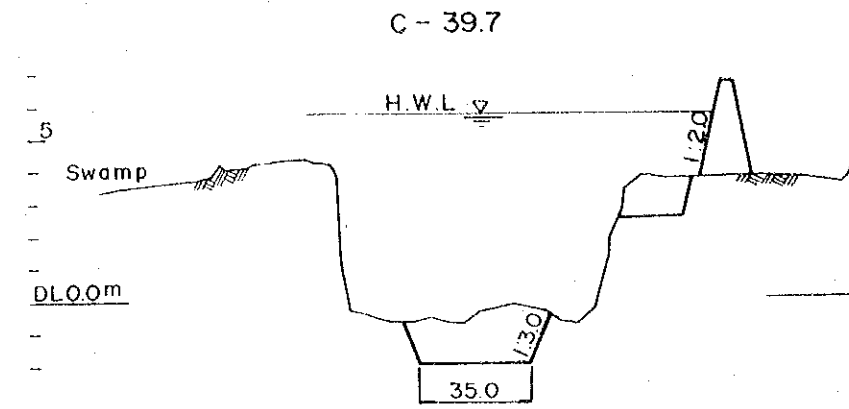
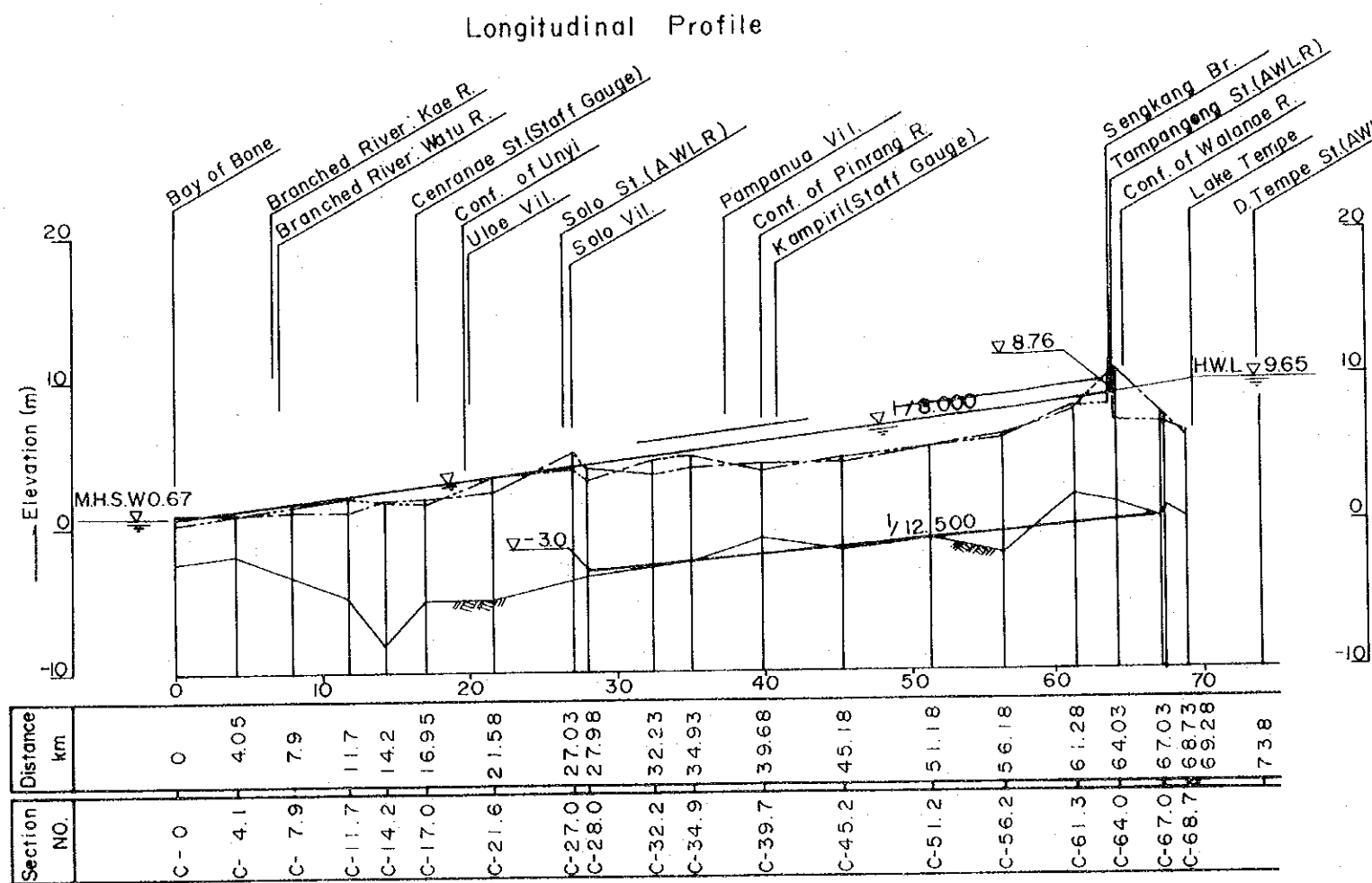


Fig. 4-15 Planned Longitudinal Profile and Cross-Sections of Cenranae River



Cross - Section

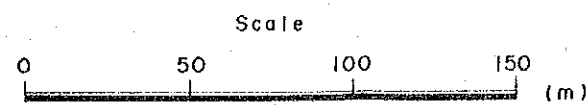
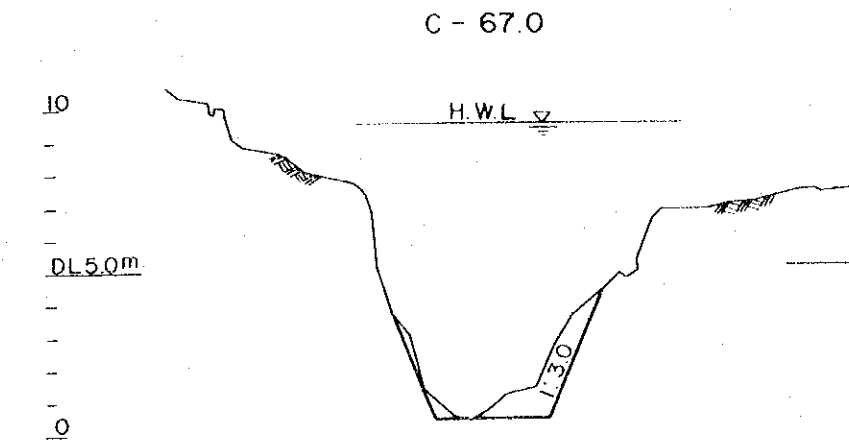
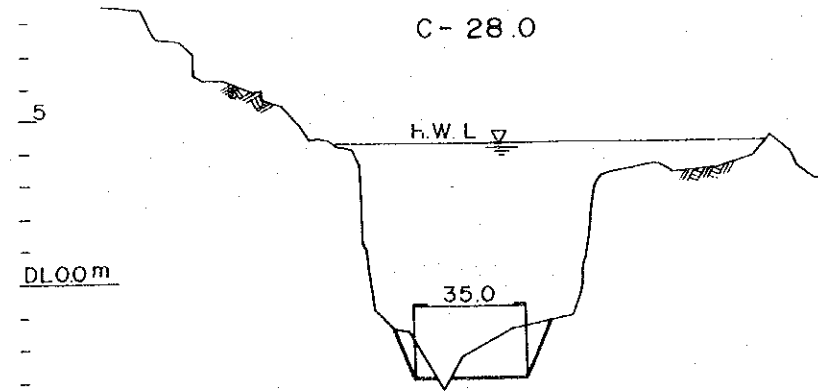


Fig. 4.16 Location Map of Planned Tempe Barrage

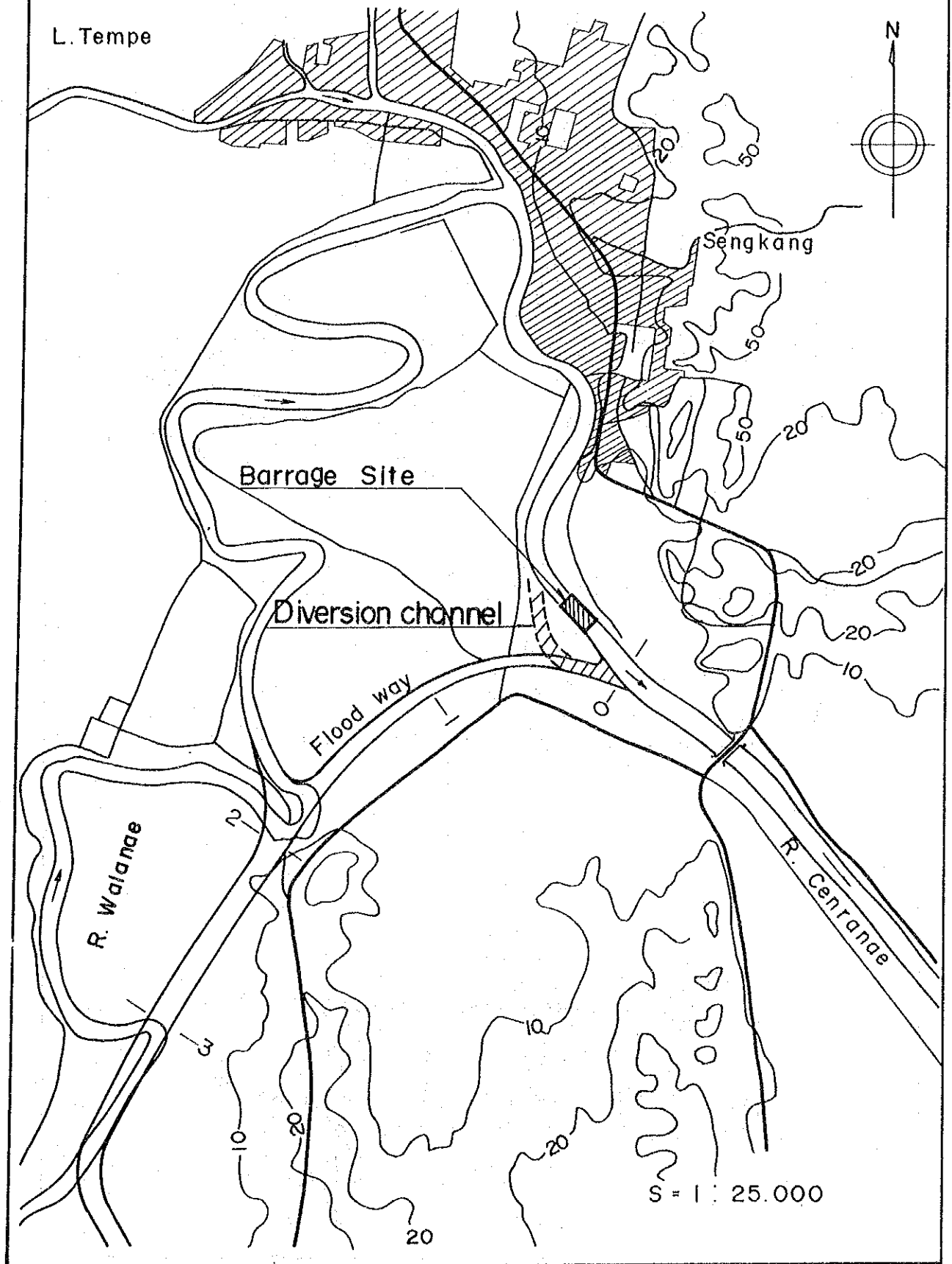


Fig. 4.17 General Profile of Planned Tempe Barrage

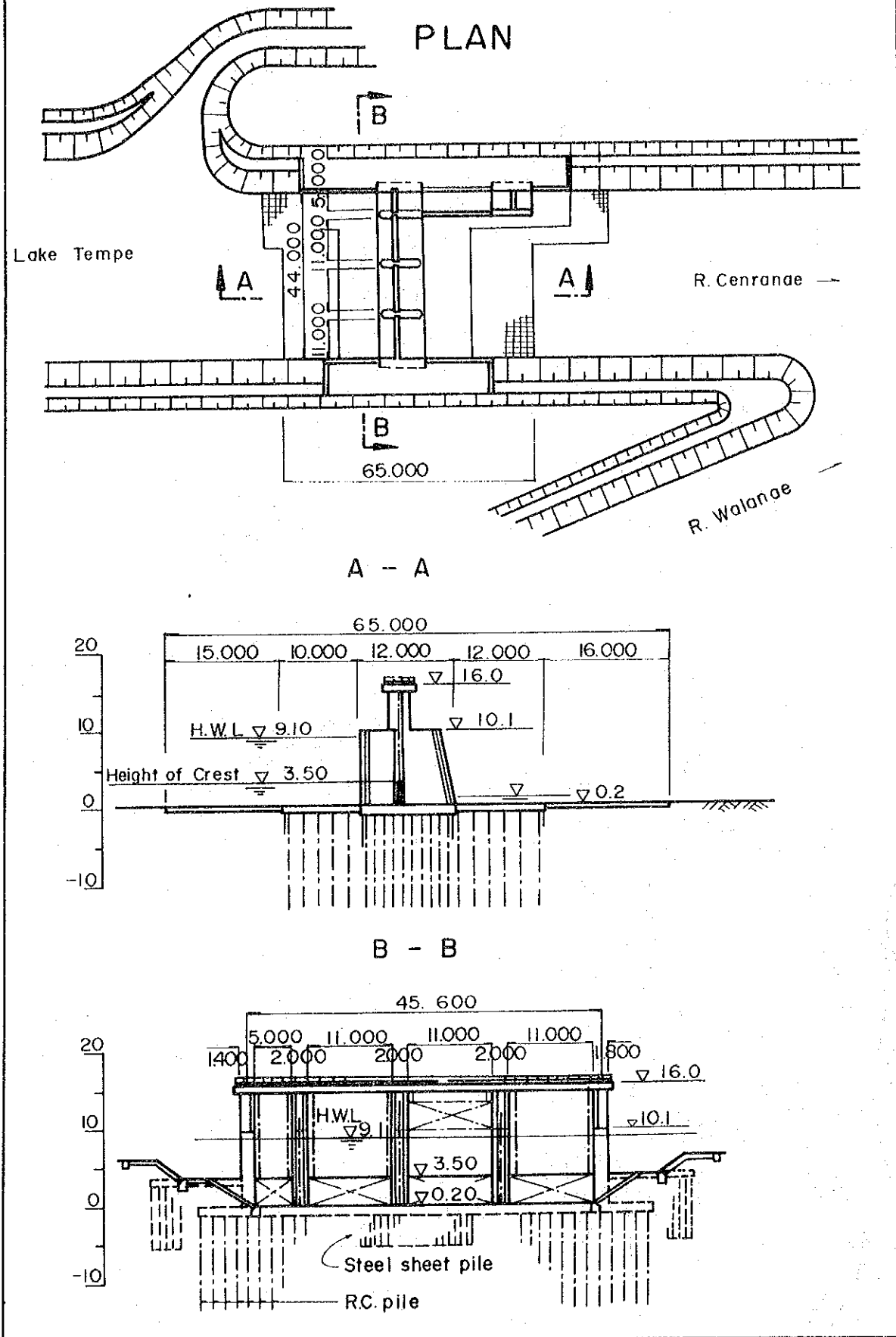


Fig. 4.18 Flood Hydrograph of Leceleceng River

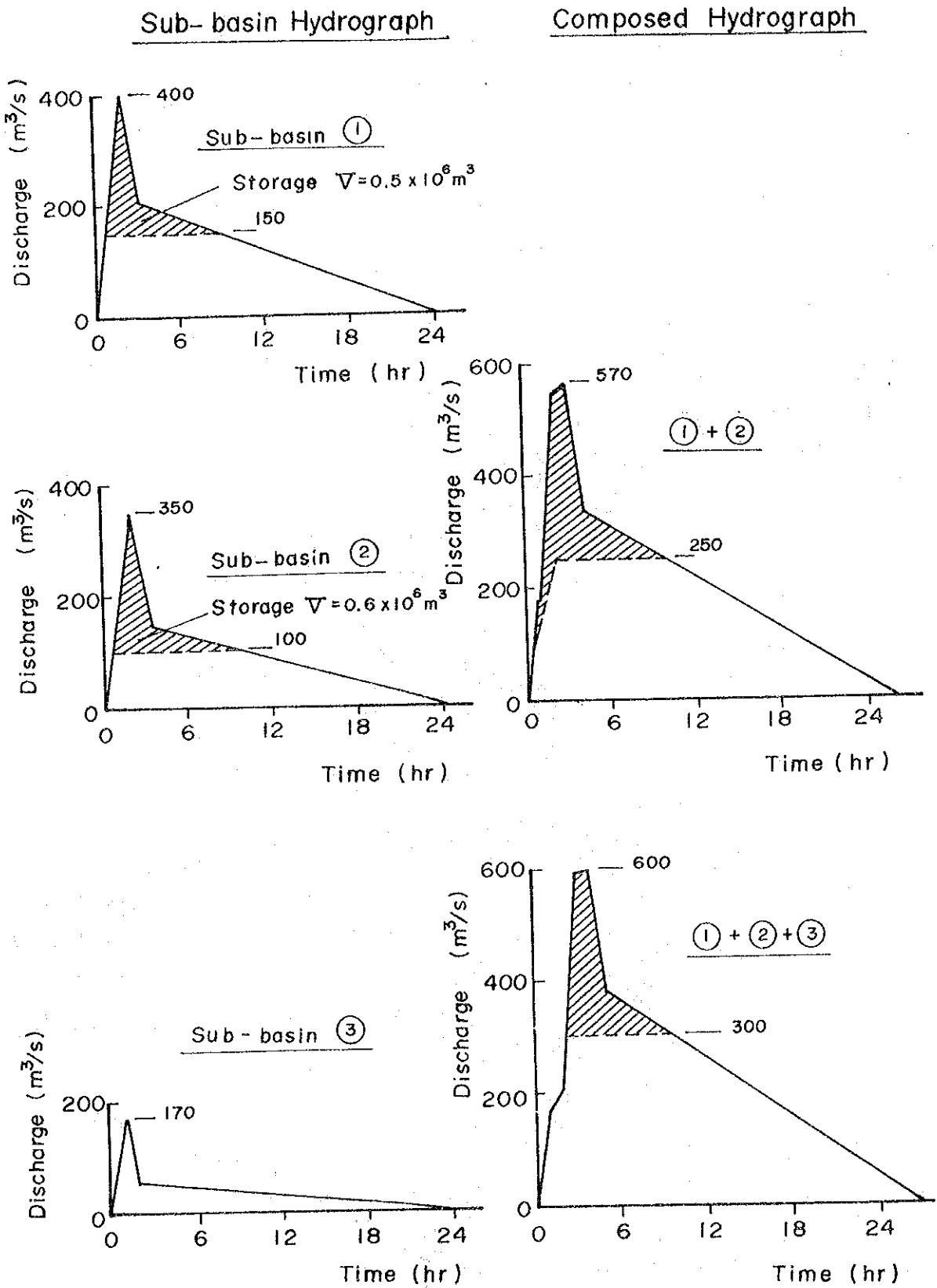


Fig.4.19

Lecelecece River Basin

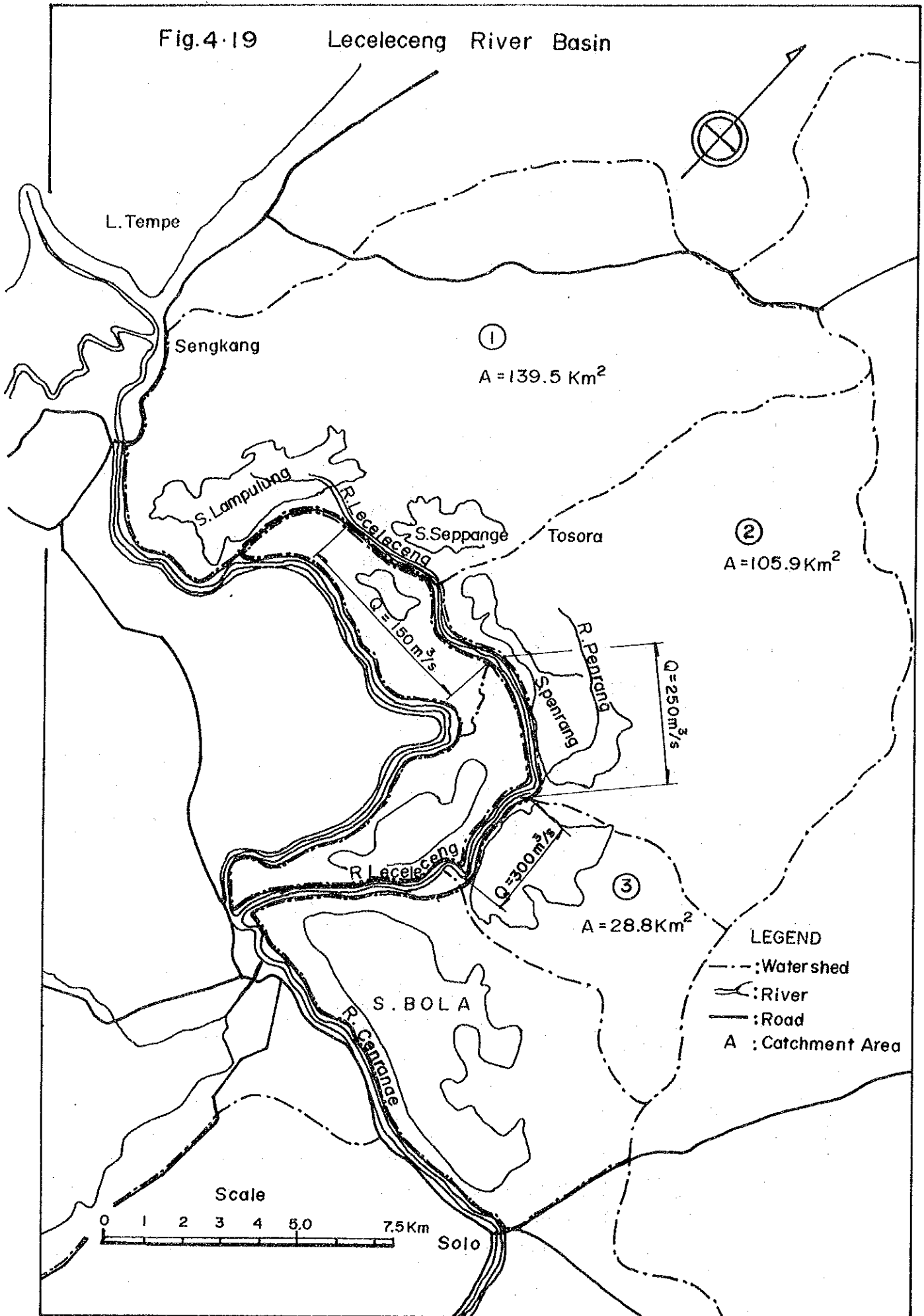
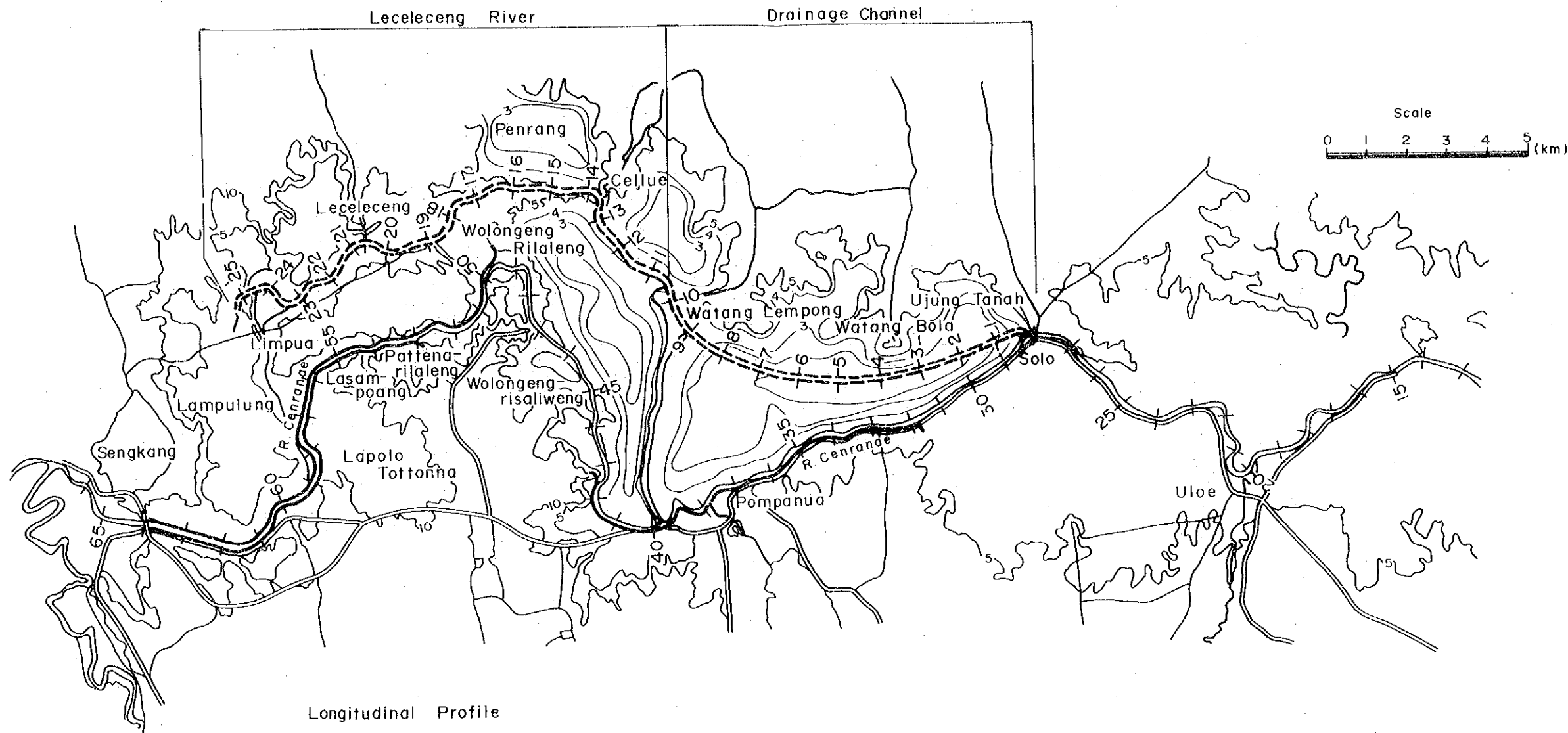
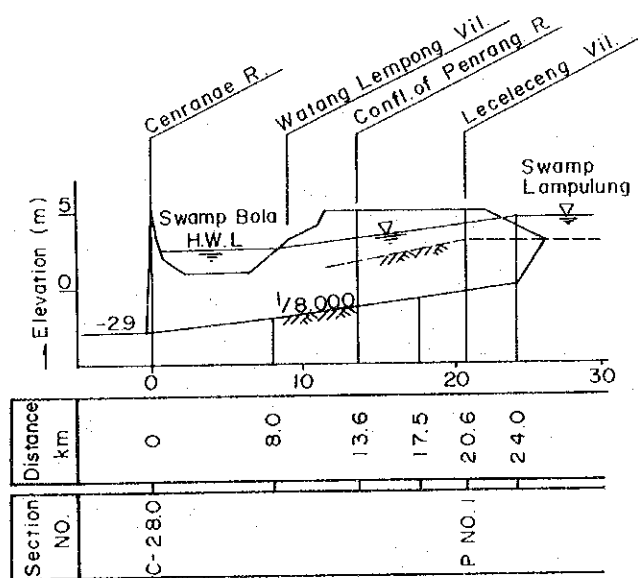


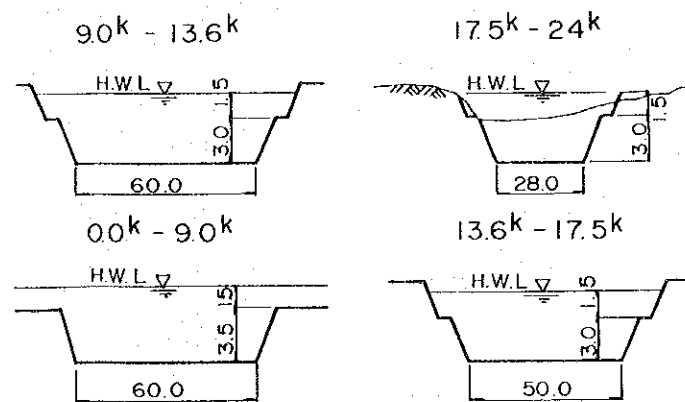
Fig. 4-20 Planned Leceleceeng River Course



Longitudinal Profile



Cross Section



Legend

- Road
- River
- Contour Line in Elevation
- Levee
- Culvert
- Swamp Area

Fig. 5-1 Location of Proposed Flood Control Projects

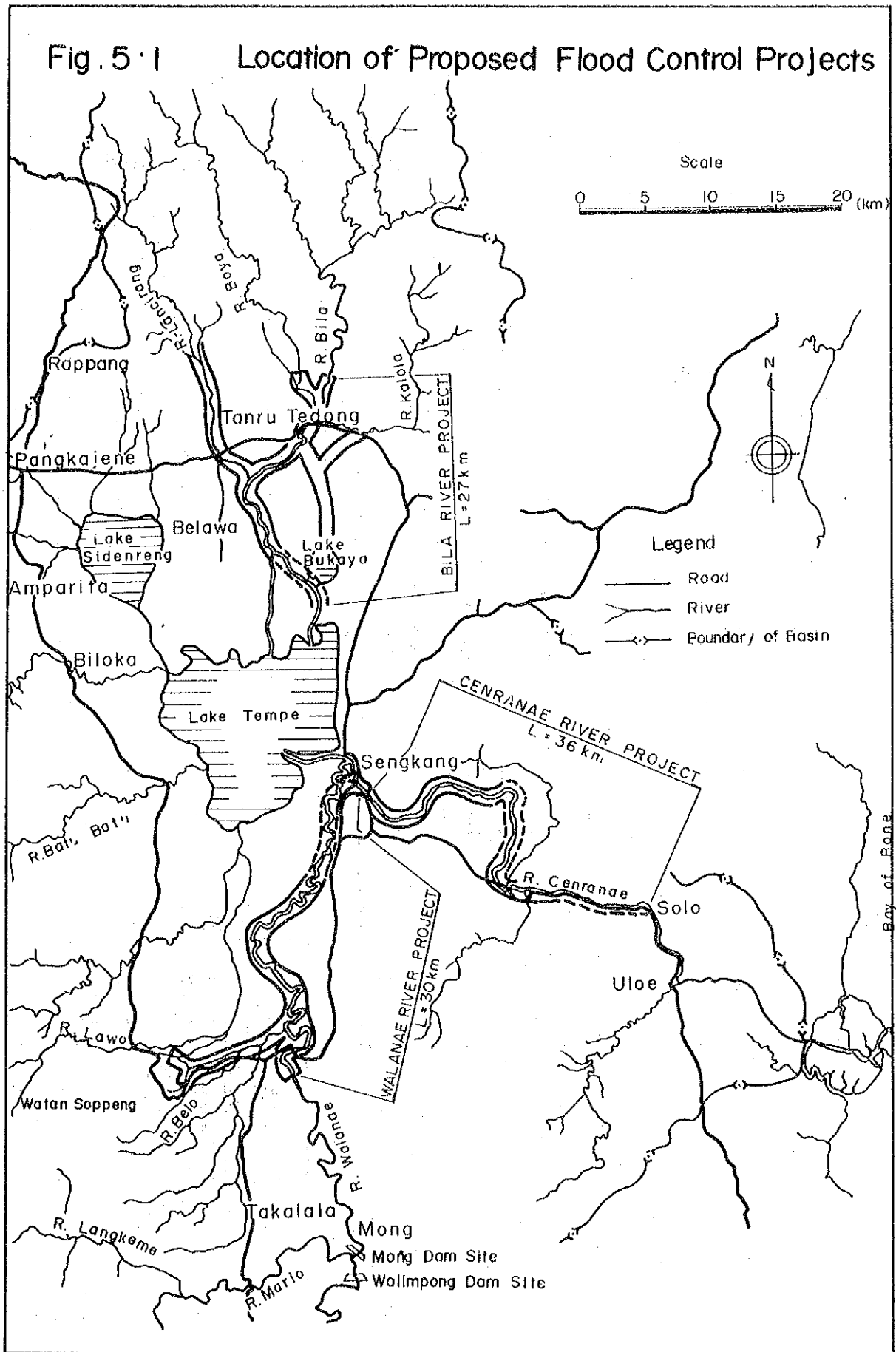


Fig. 5.2 Design Flood Discharge for First-Phase Plan

(Unit : m^3/sec)

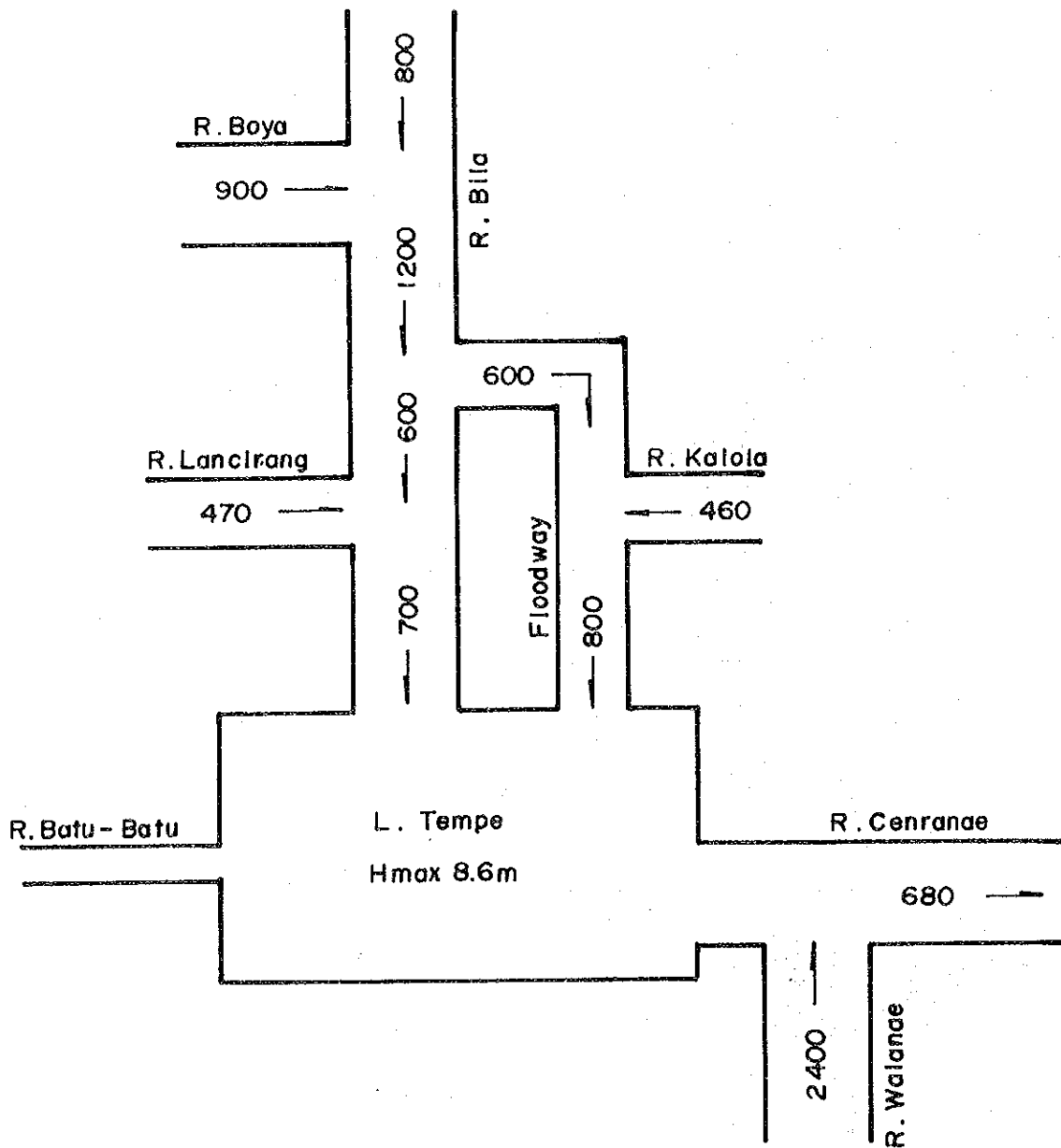
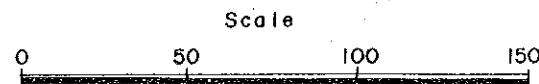
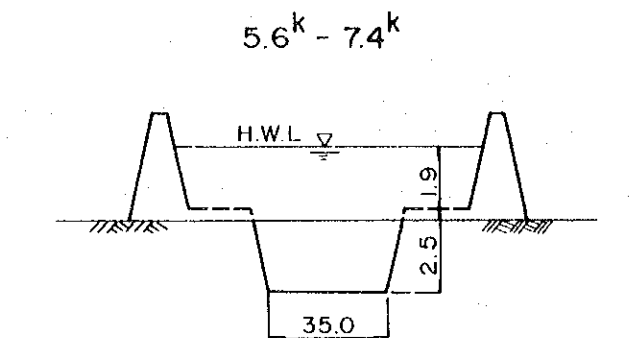
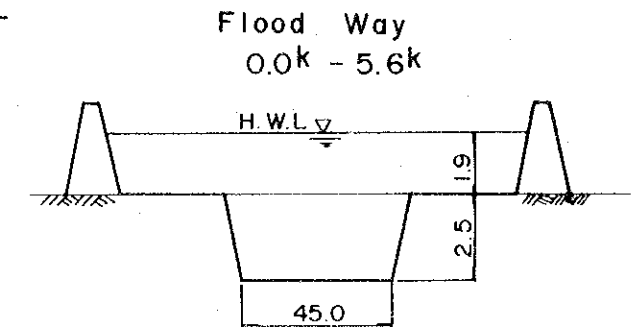
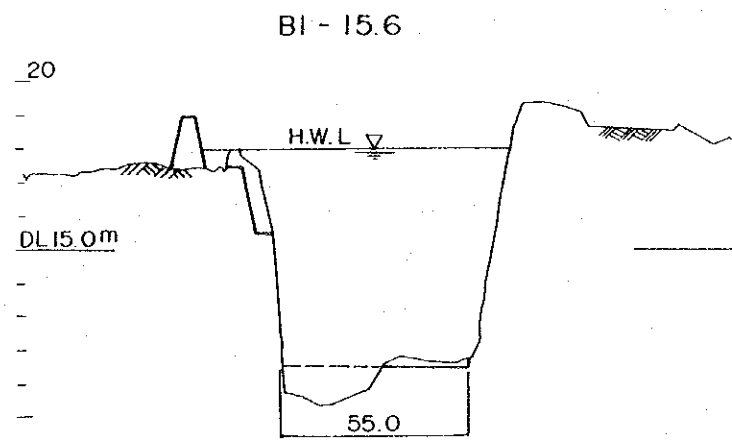
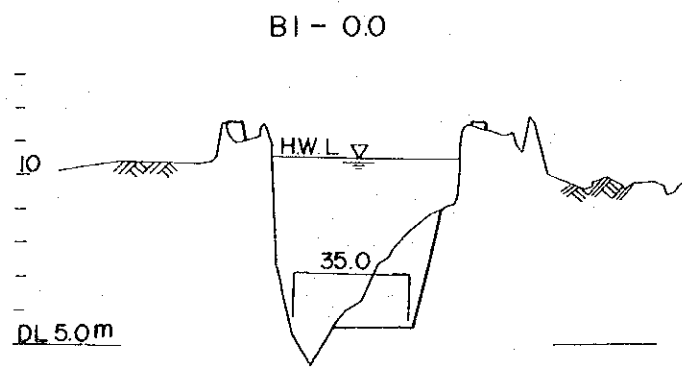
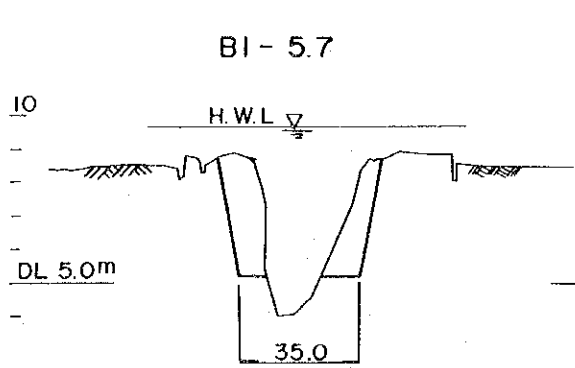
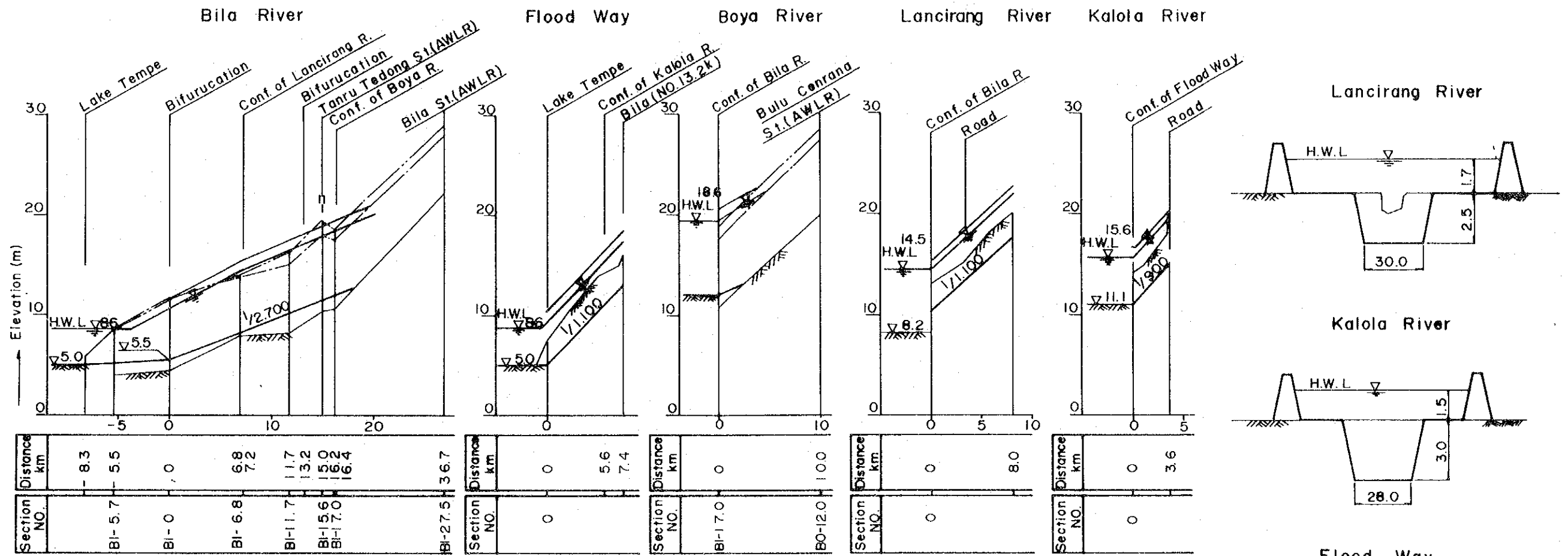


Fig. 5-3 Planned Longitudinal profile and Cross-Sections of Bila River

Longitudinal Profile (First-Phase Plan)



JCA