

Note : Based on the hydrologic data from 1950 to 1977.

----- : Monthly mean energy output

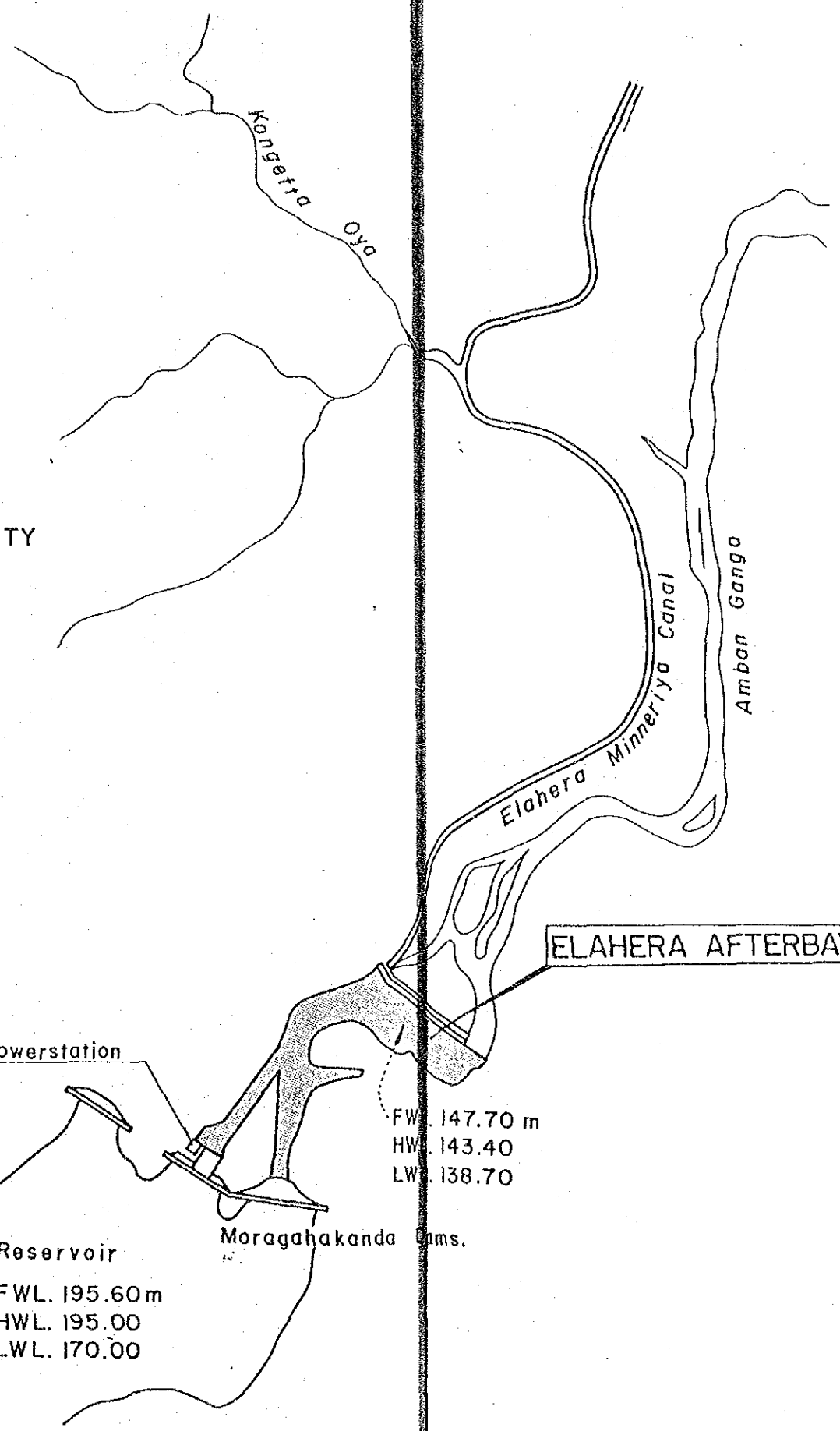
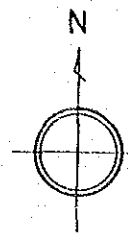
GOVERNMENT OF DEMOCRATIC SOCIALIST  
REPUBLIC OF SRI LANKA  
MINISTRY OF MAHAWELI DEVELOPMENT

THE STUDY ON EXTENSION OF  
THE MOPAGA-AKANDA AGRICULTURAL  
DEVELOPMENT PROJECT

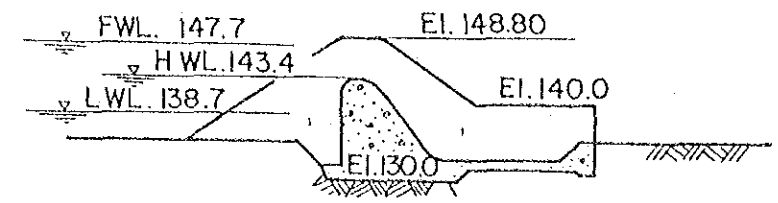
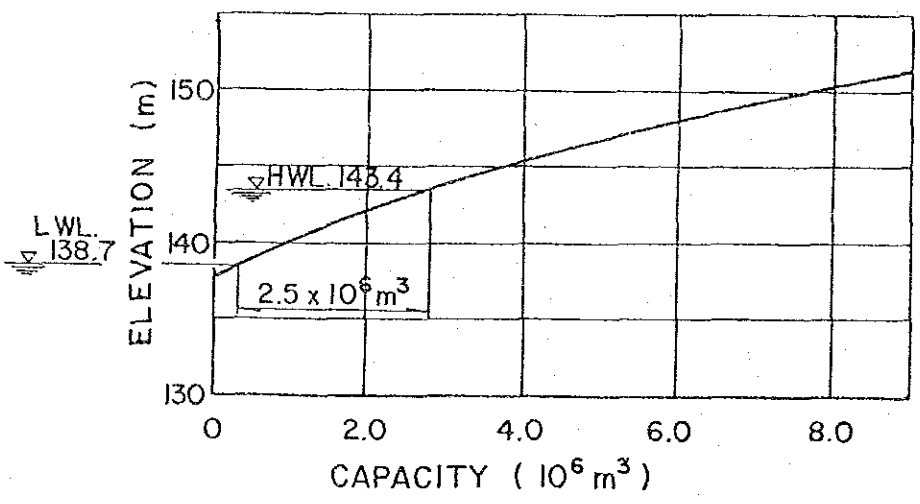
TITLE OF DRAWINGS

ESTIMATED MONTHLY ENERGY OUTPUT

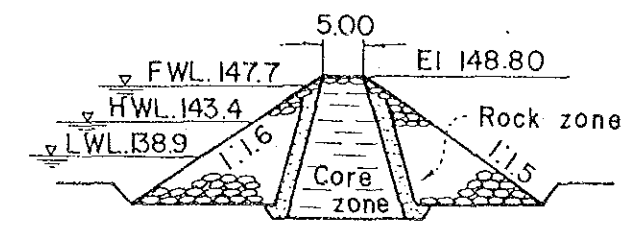
JAPAN INTERNATIONAL COOPERATION AGENCY 2/16/78  
TOKYO JAPAN



WATERLEVEL VS AVAILABLE CAPACITY OF AFTERBAY AT EXISTING ELAHERA ANICUT

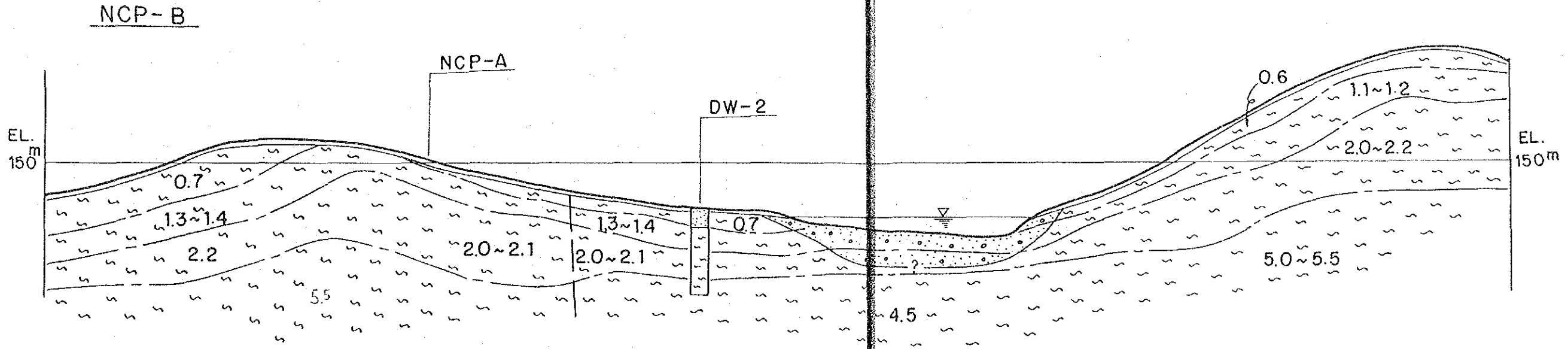
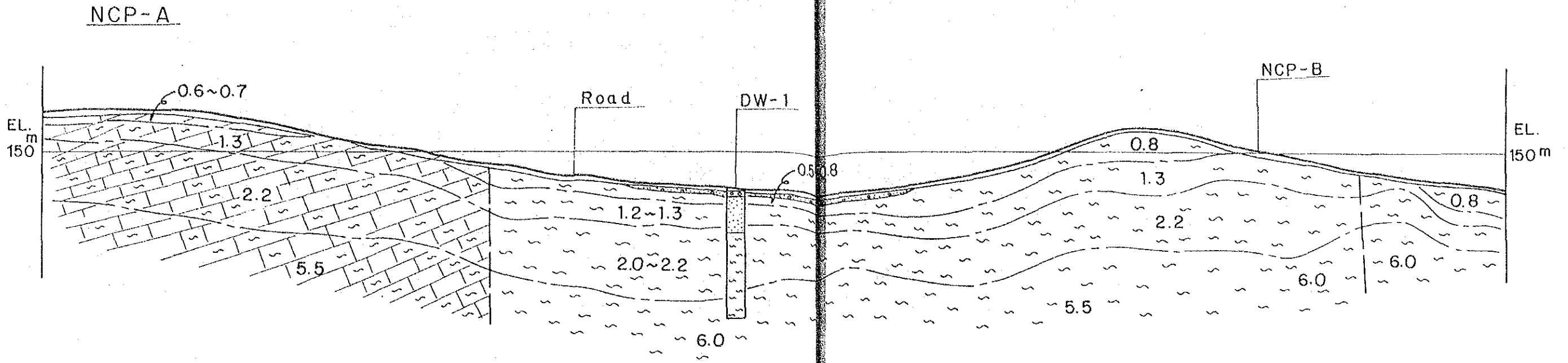


SPILLWAY SECTION



ROCKFILL SECTION

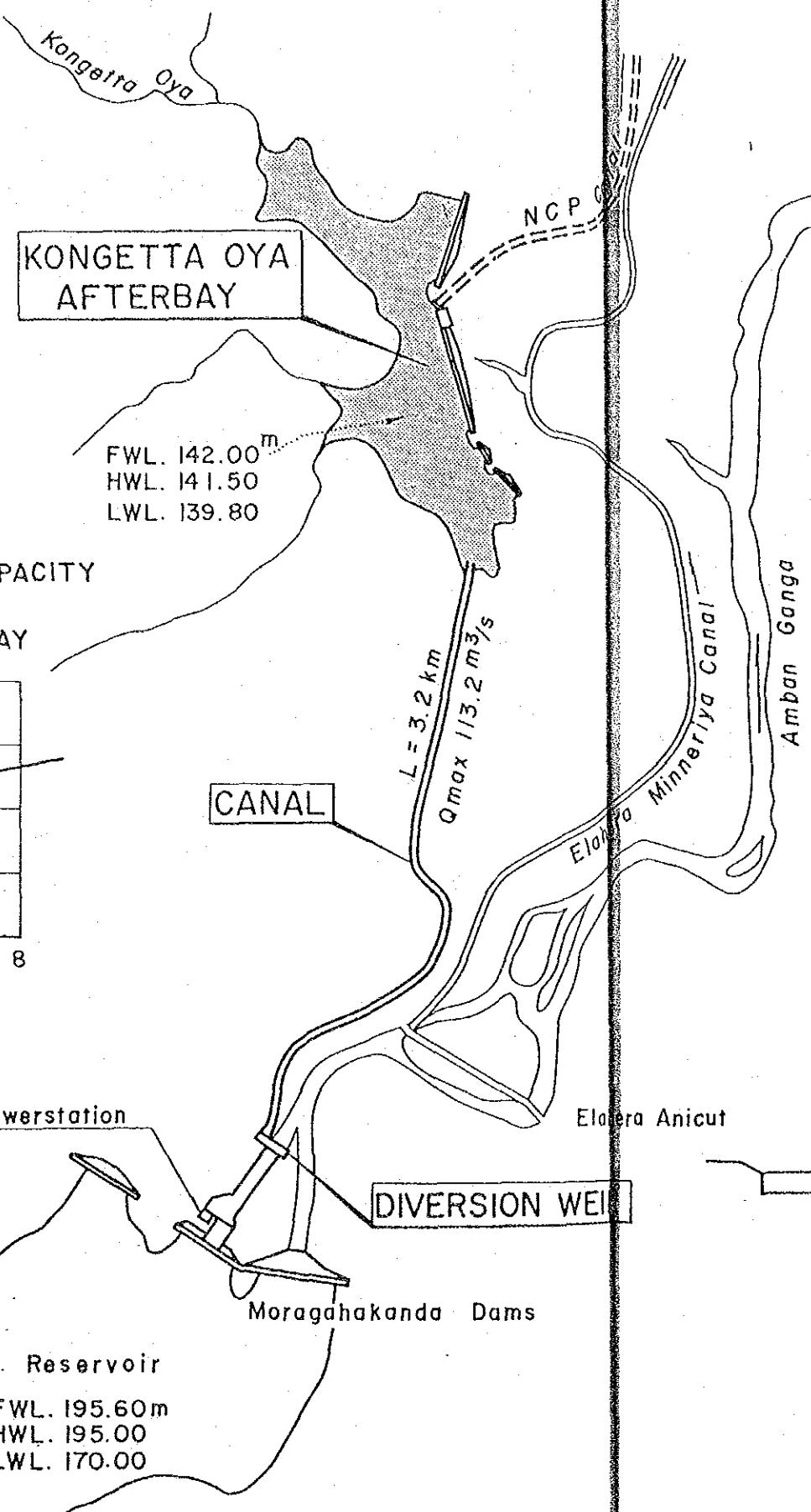
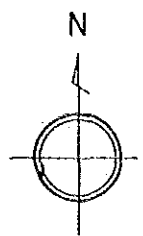
GOVERNMENT OF DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA MINISTRY OF MAHAWELI DEVELOPMENT	
THE STUDY ON EXTENSION OF THE MORAGAHAKANDA AGRICULTURAL DEVELOPMENT PROJECT	
TITLE OF DRAWINGS	
ELAHERA AFTERBAY (NO. CONSIDERATION TO NCP CANAL)	
JAPAN INTERNATIONAL COOPERATION AGENCY TOKYO JAPAN	DWG. No.



**LEGEND**

- Geological boundary
  - P-wave velocity and boundary.
  - Fault
  - Quaternary Residual soil, Partly talus.
  - Quaternary River bed deposit
  - Pre-cambrian Gneiss, charnockite and granulite.
  - Pre-cambrian Calc gneiss and crystalline limestone
- Scale 0 50m

GOVERNMENT OF DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA MINISTRY OF MAHAWELI DEVELOPMENT	
THE STUDY ON EXTENSION OF THE MORAGAHAKANDA AGRICULTURAL DEVELOPMENT PROJECT	
TITLE OF DRAWINGS GEOLOGICAL PROFILE OF DIVERSION WEIR SITE	
JAPAN INTERNATIONAL COOPERATION AGENCY TOKYO JAPAN	DWG. No.



KONGETTA OYA  
AFTERBAY

FWL. 142.00 m  
HWL. 141.50  
LWL. 139.80

CANAL

DIVERSION WEIR

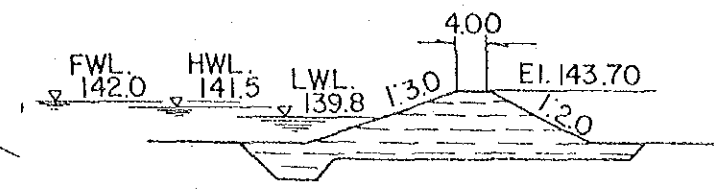
Powerstation

Elatera Anicut

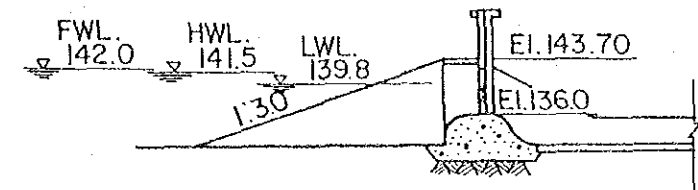
Moragahakanda Dams

Reservoir

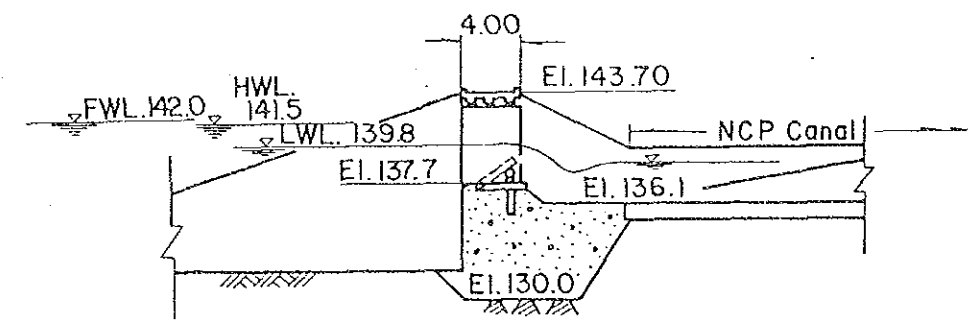
FWL. 195.60m  
HWL. 195.00  
LWL. 170.00



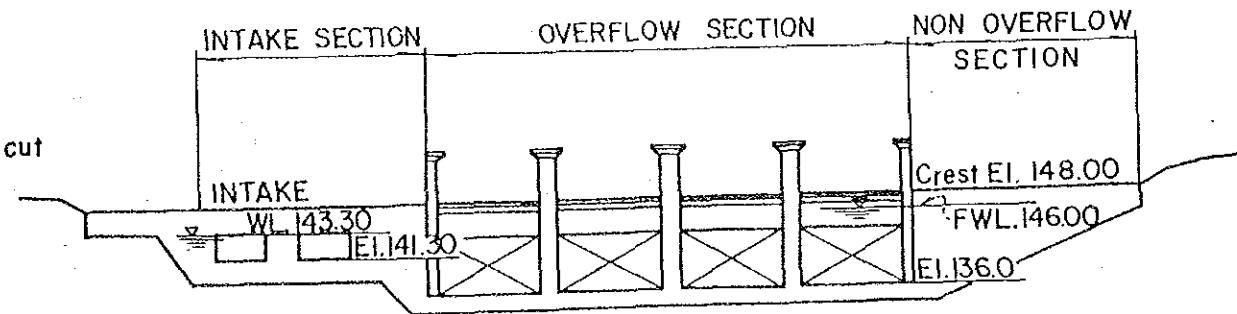
EARTHFILL SECTION



SPILLWAY SECTION

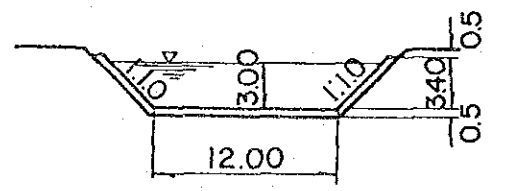
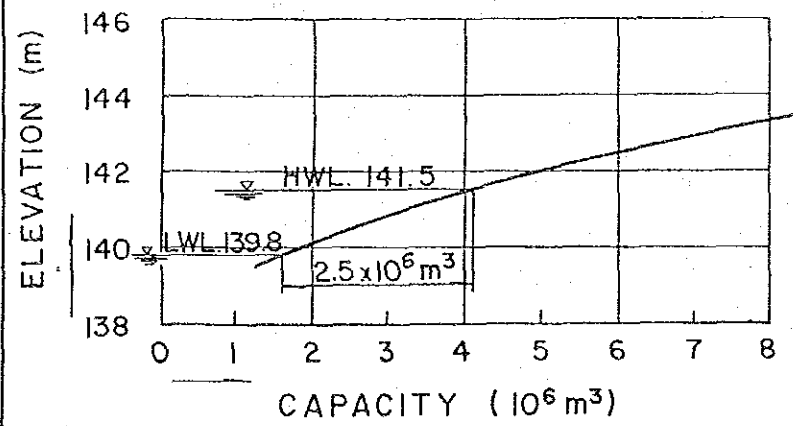


INTAKE SECTION



CONCEPTUAL OUTLINE OF DIVERSION WEIR

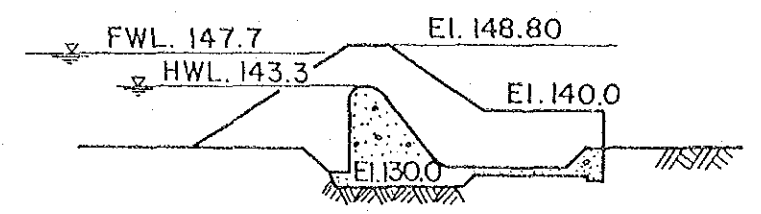
WATERLEVEL VS AVAILABLE CAPACITY  
OF AFTERBAY  
AT KONGETTA OYA AFTERBAY



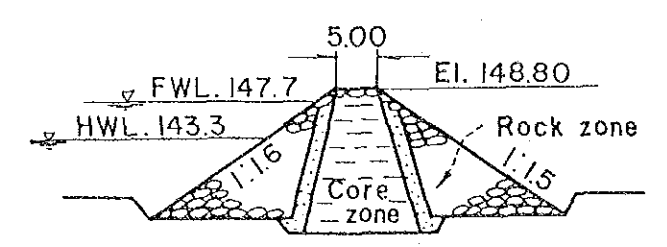
CROSS SECTION OF CANAL

GOVERNMENT OF DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA MINISTRY OF MAHAWELI DEVELOPMENT	
THE STUDY ON EXTENSION OF THE MORAGAHAKANDA AGRICULTURAL DEVELOPMENT PROJECT	
TITLE OF DRAWINGS	
KONGETTA OYA AFTERBAY (CONSIDERATION TO NCP CANAL)	
JAPAN INTERNATIONAL COOPERATION AGENCY TOKYO JAPAN	DWG. No.

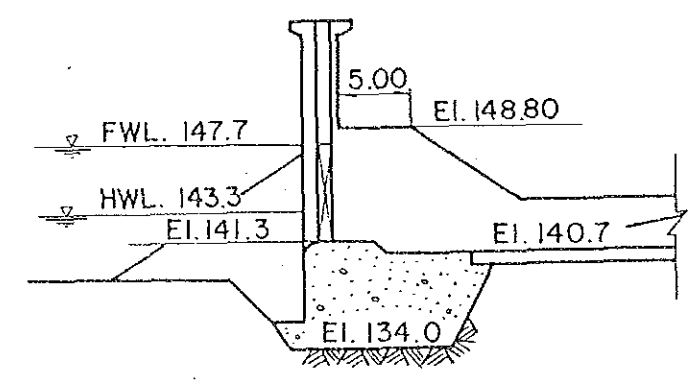
ELAHERA DIVERSION WEIR



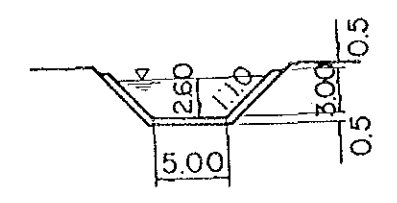
SPILLWAY SECTION



ROCKFILL SECTION

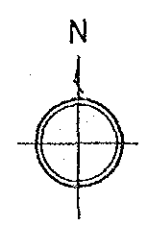


INTAKE SECTION

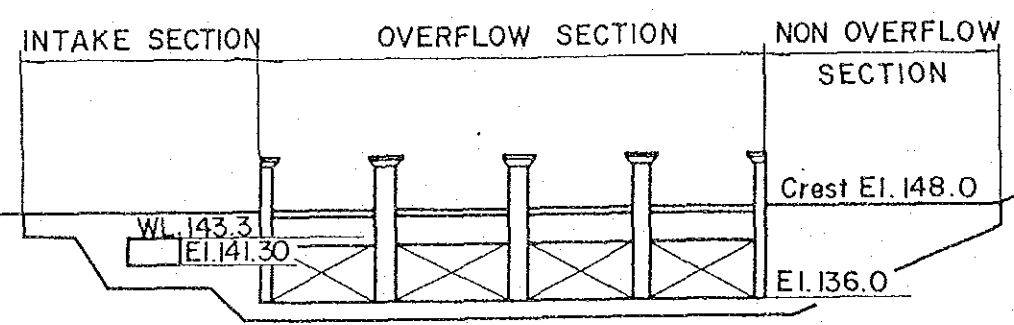


CANAL SECTION

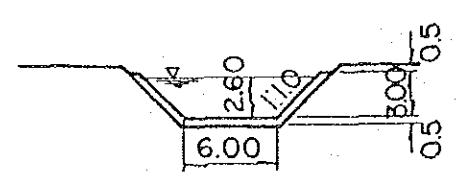
GOVERNMENT OF DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA MINISTRY OF MAHAWEELI DEVELOPMENT	
THE STUDY ON EXTENSION OF THE MORAGAHAKANDA AGRICULTURAL DEVELOPMENT PROJECT	
TITLE OF DRAWINGS NCP DIVERSION WEIR ALTERNATIVES (NO CONSIDERATION TO PEAK POWERSTATION)	
JAPAN INTERNATIONAL COOPERATION AGENCY TOKYO JAPAN	DWG. No.



MORAGAHAKANDA DIVERSION WEIR



CONCEPTUAL OUTLINE OF DIVERSION WEIR



CANAL SECTION

MORAGAHAKANDA DIVERSION WEIR

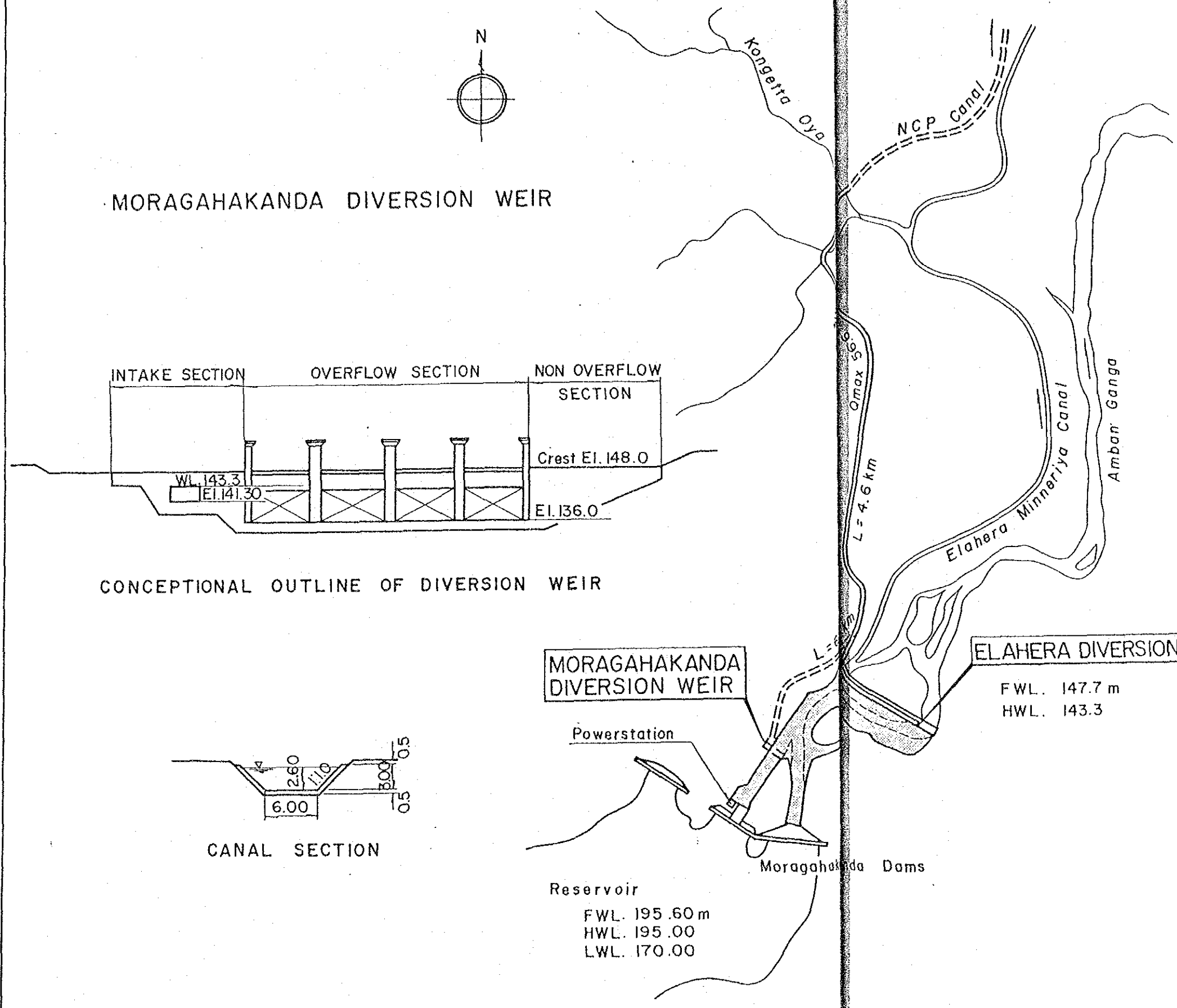
Powerstation

Reservoir  
FWL. 195.60 m  
HWL. 195.00  
LWL. 170.00

Moragahakanda Dams

ELAHERA DIVERSION WEIR

FWL. 147.7  
HWL. 143.3









JICA