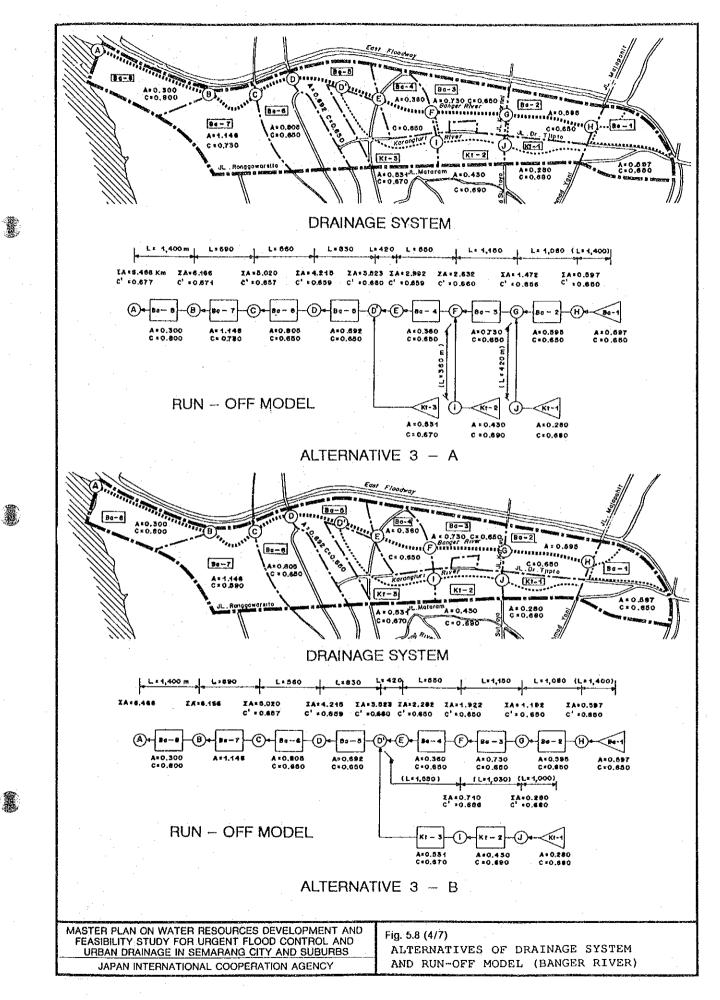
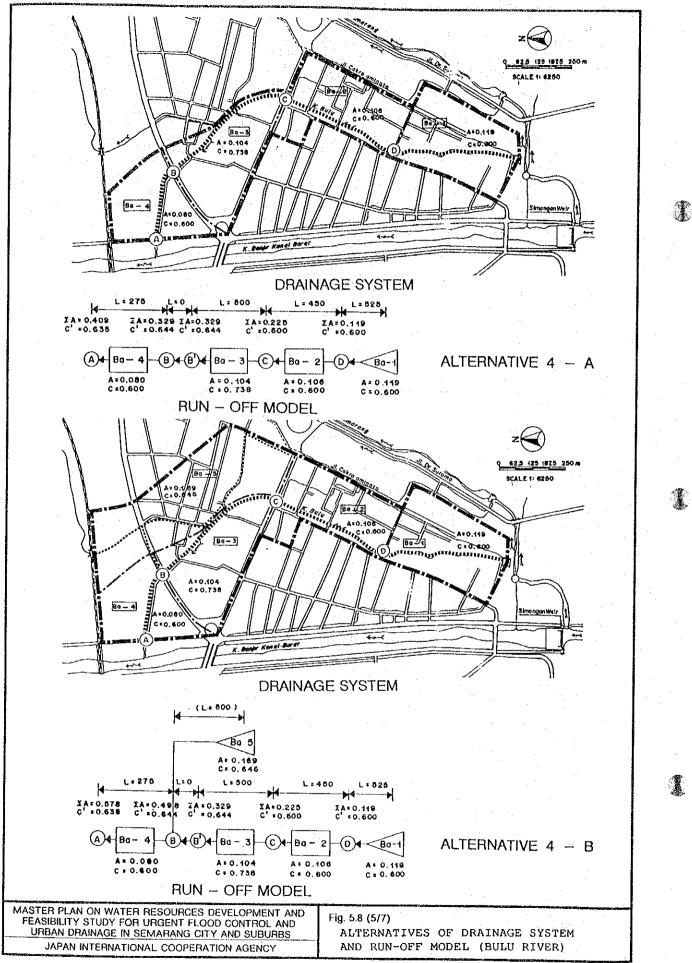
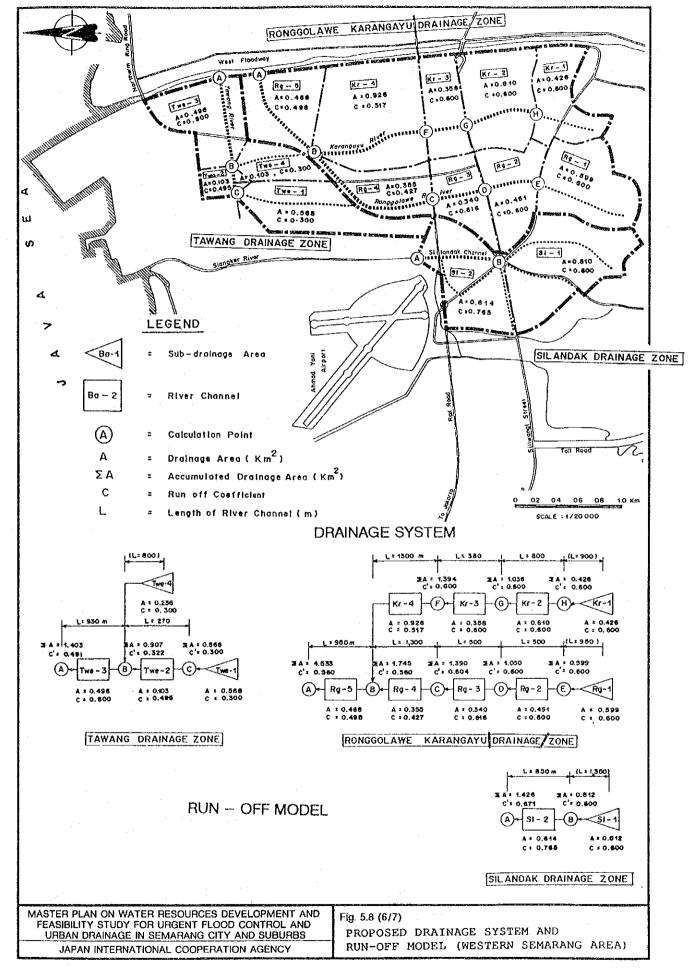


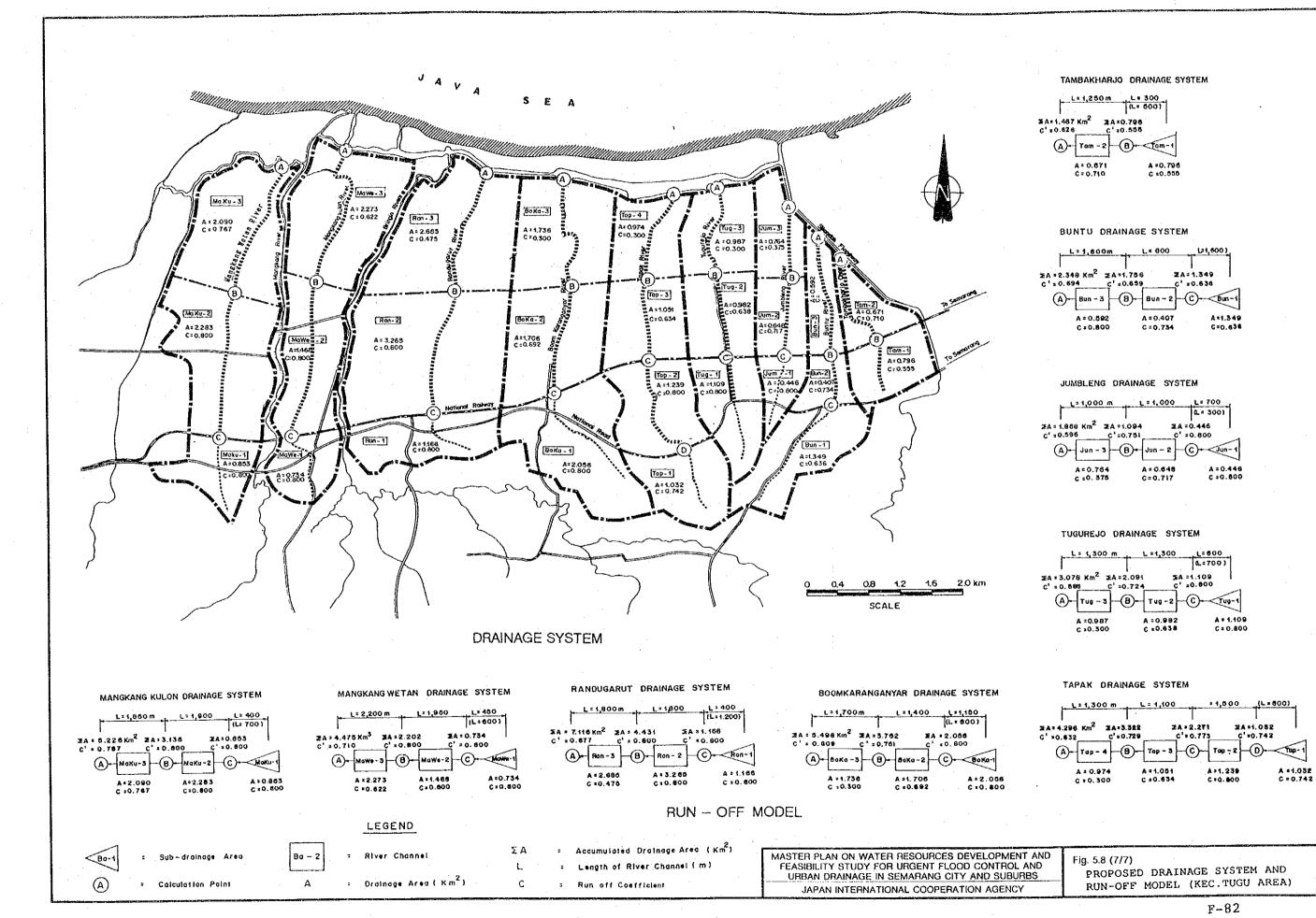
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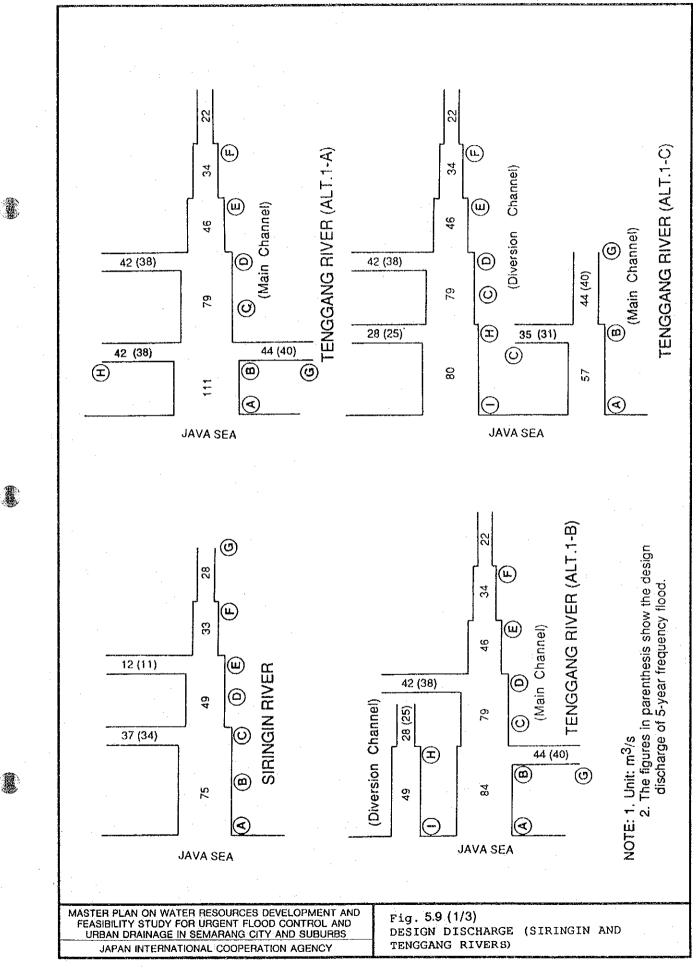


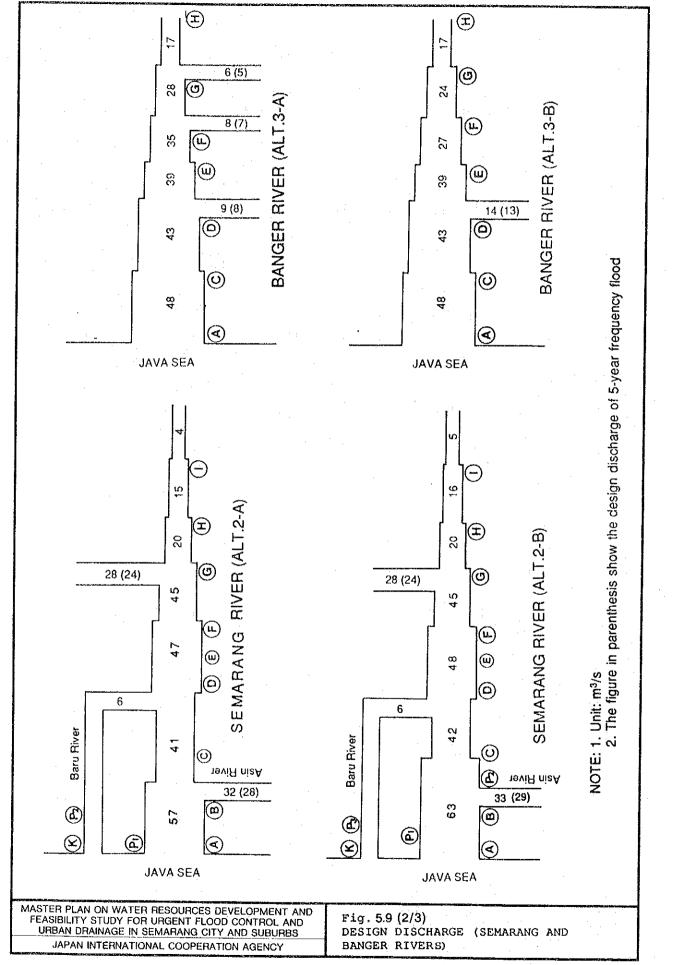


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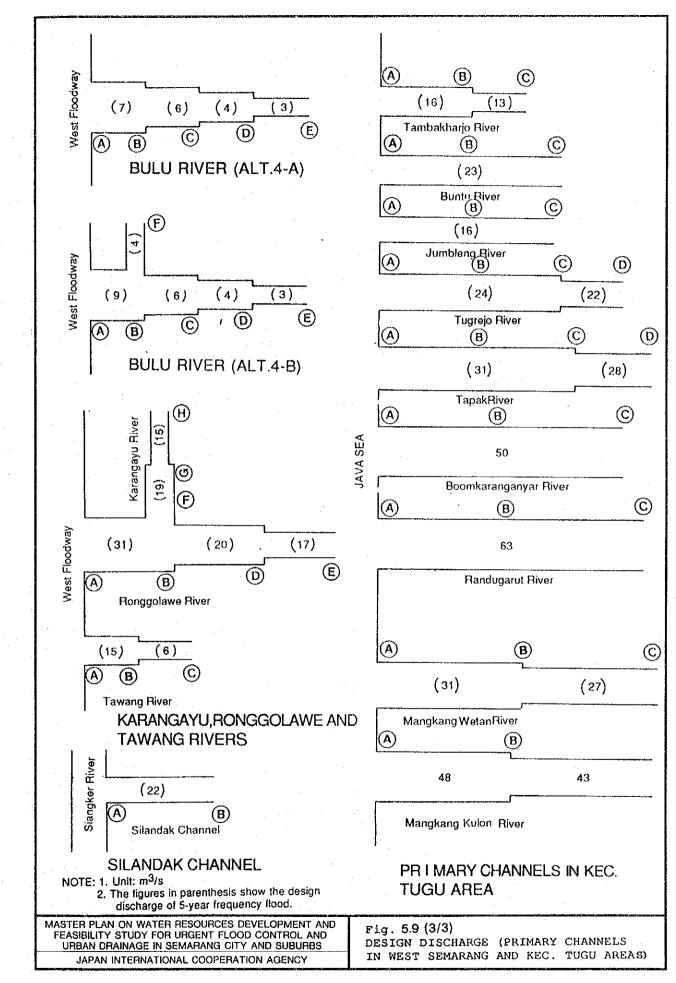


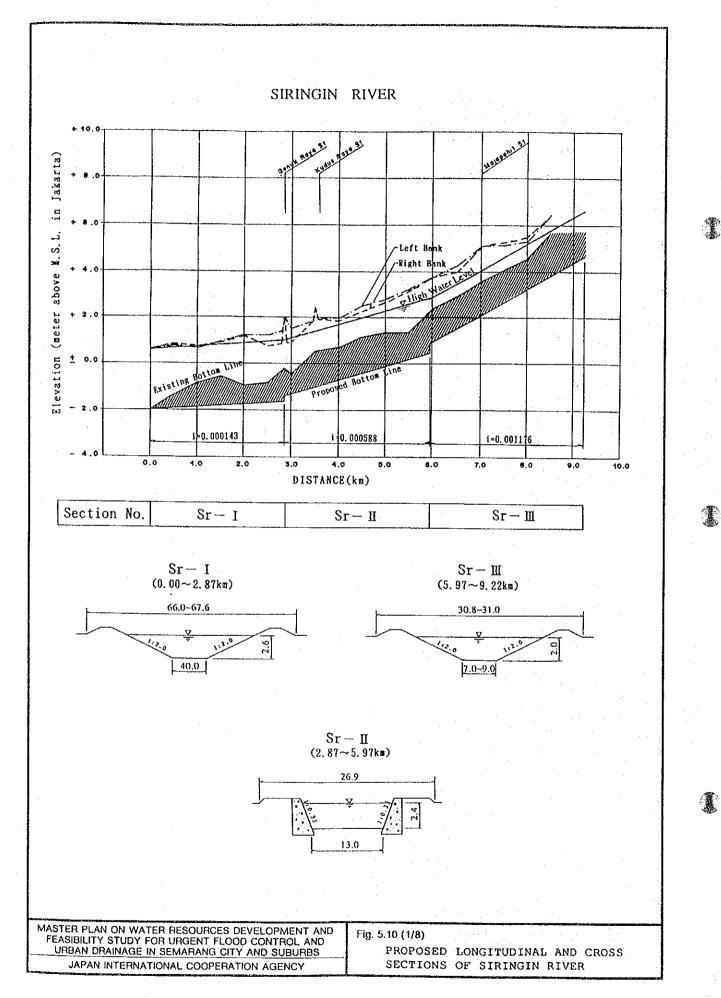




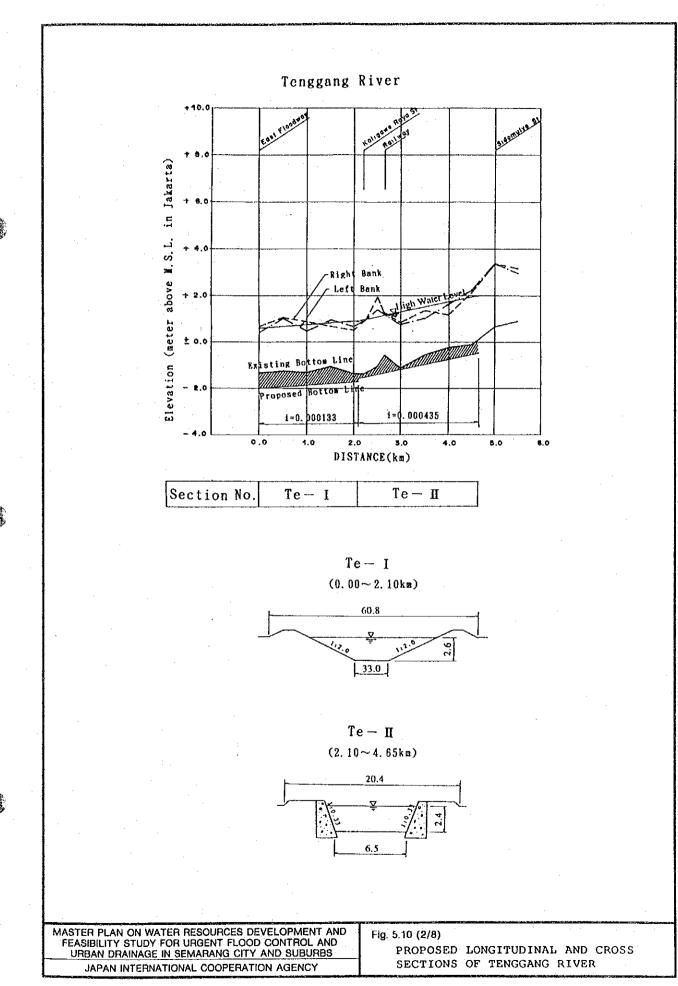


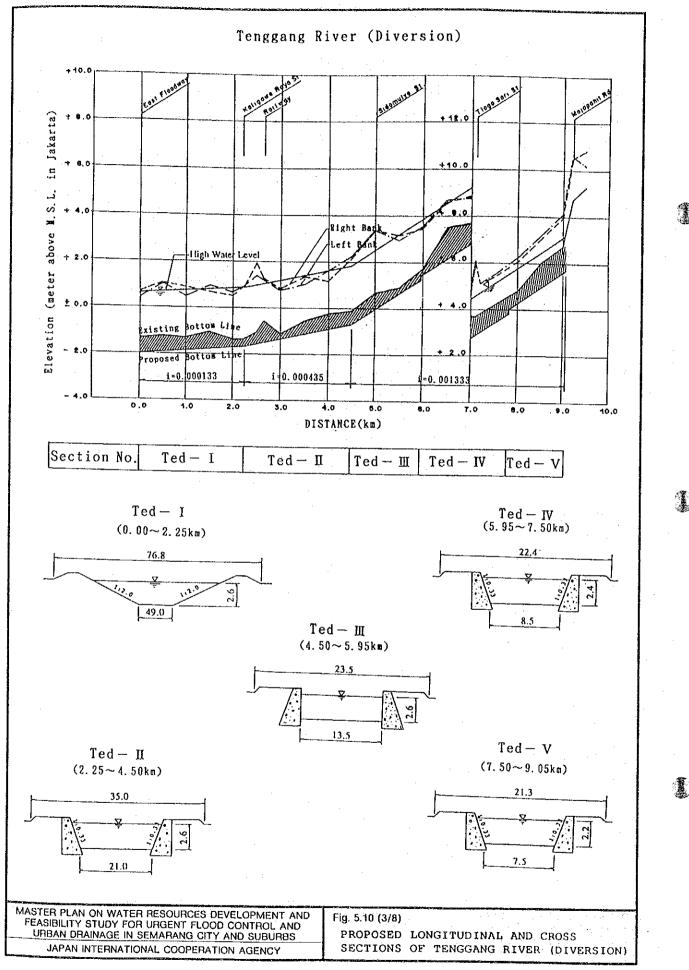
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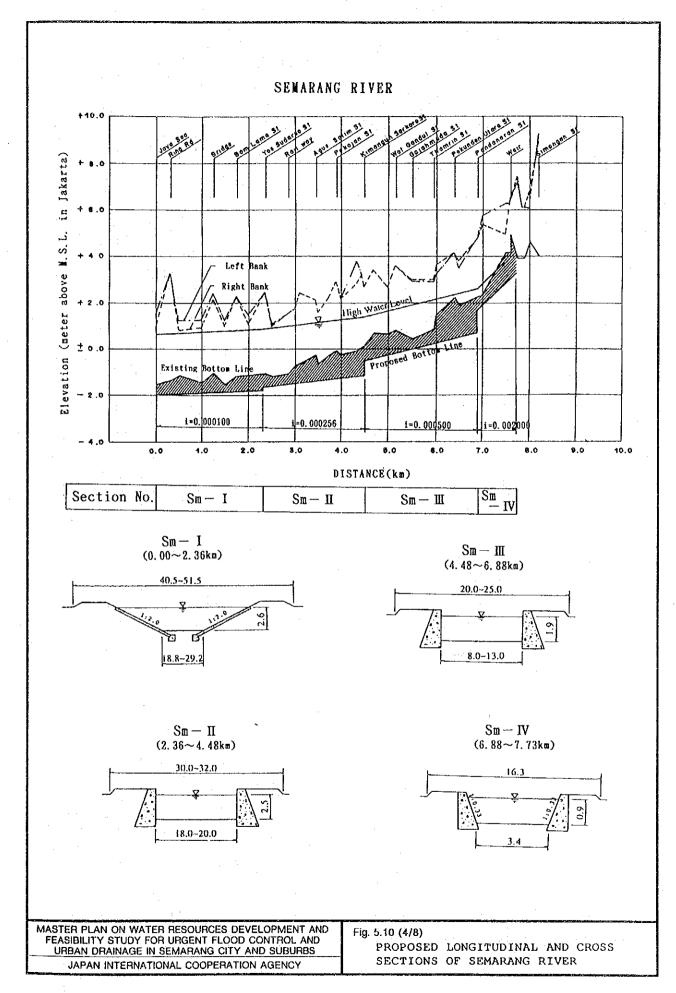
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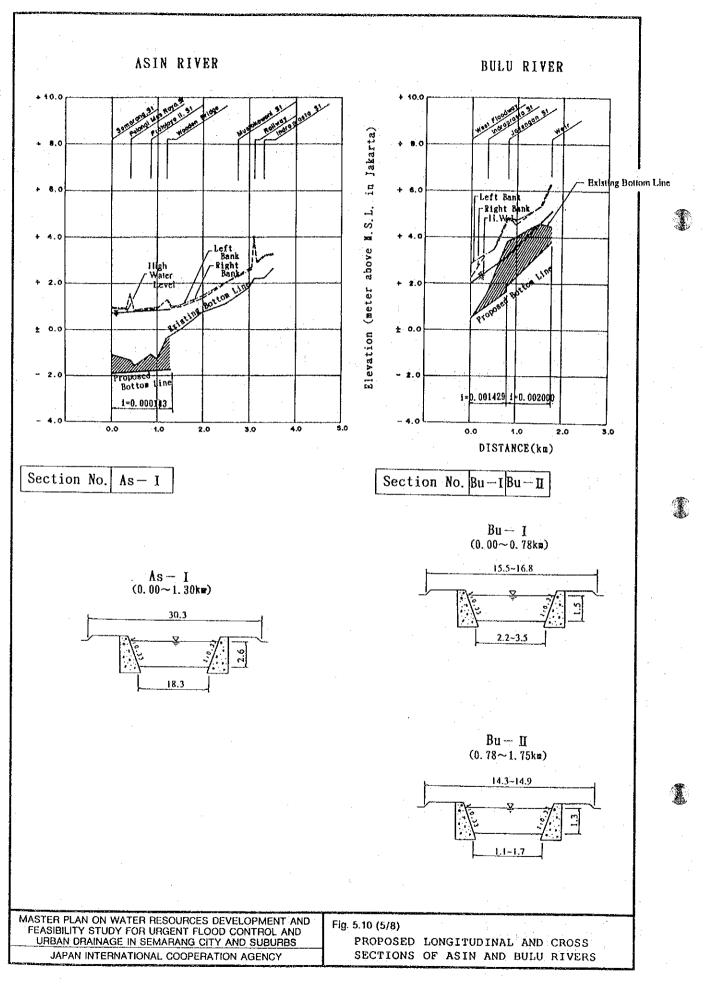


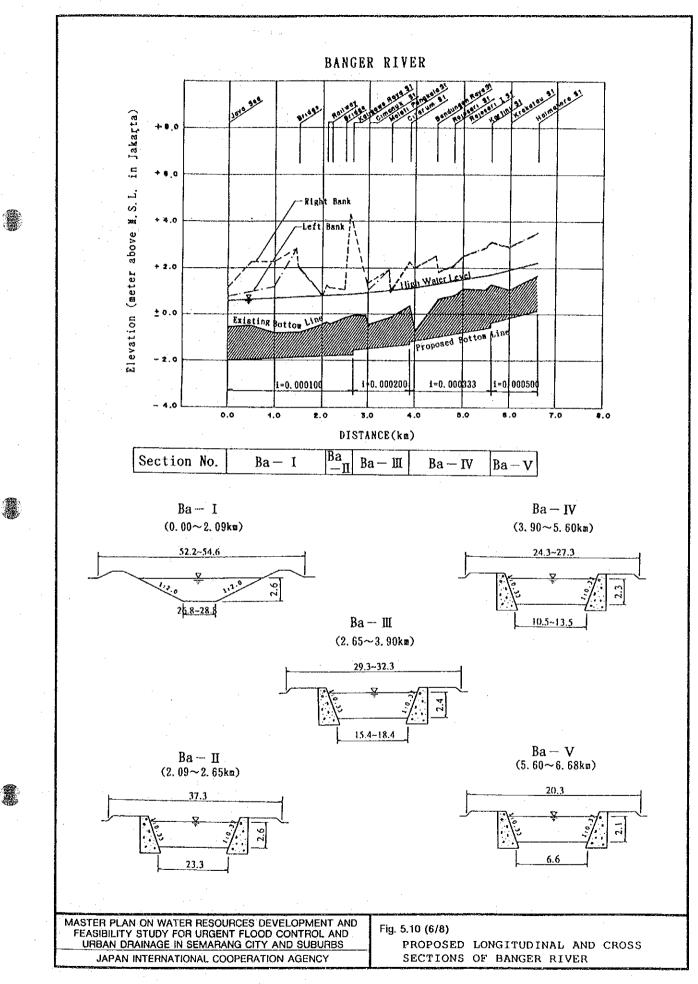
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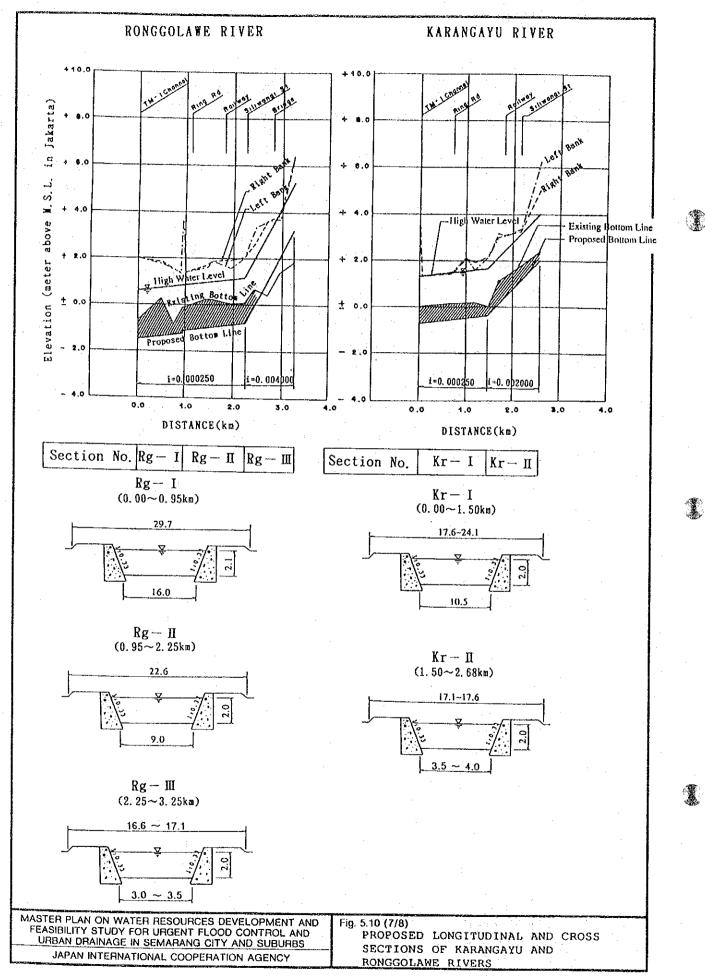
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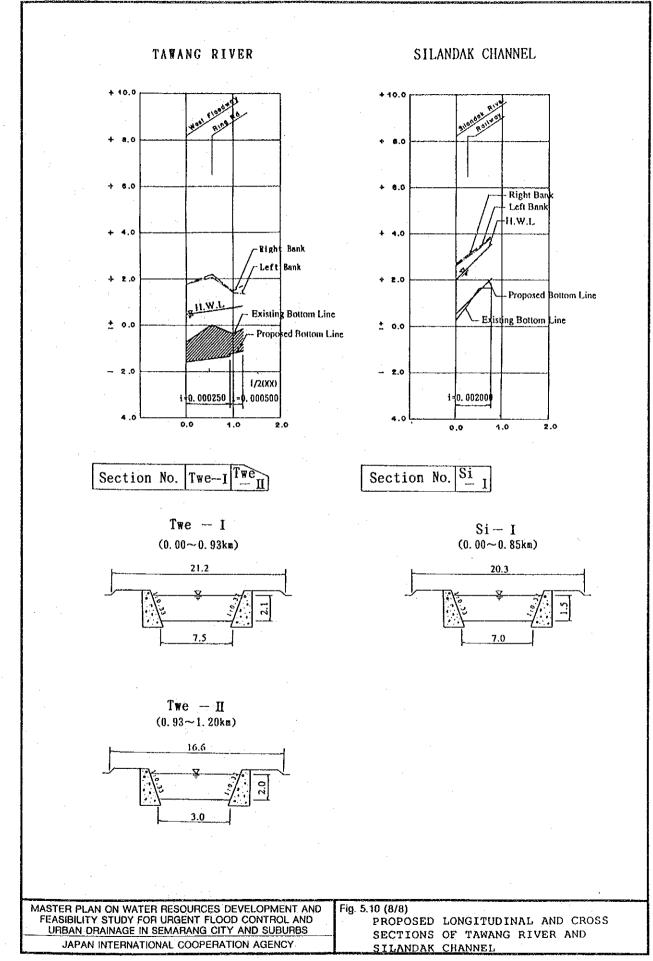
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MASTER PLAN ON WATER RESOURCES DEVELOPMENT AND FEASIBILITY STUDY FOR URGENT FLOOD CONTROL AND URBAN DRAINAGE IN SEMARANG CITY AND SUBURBS JAPAN INTERNATIONAL COOPERATION AGENCY

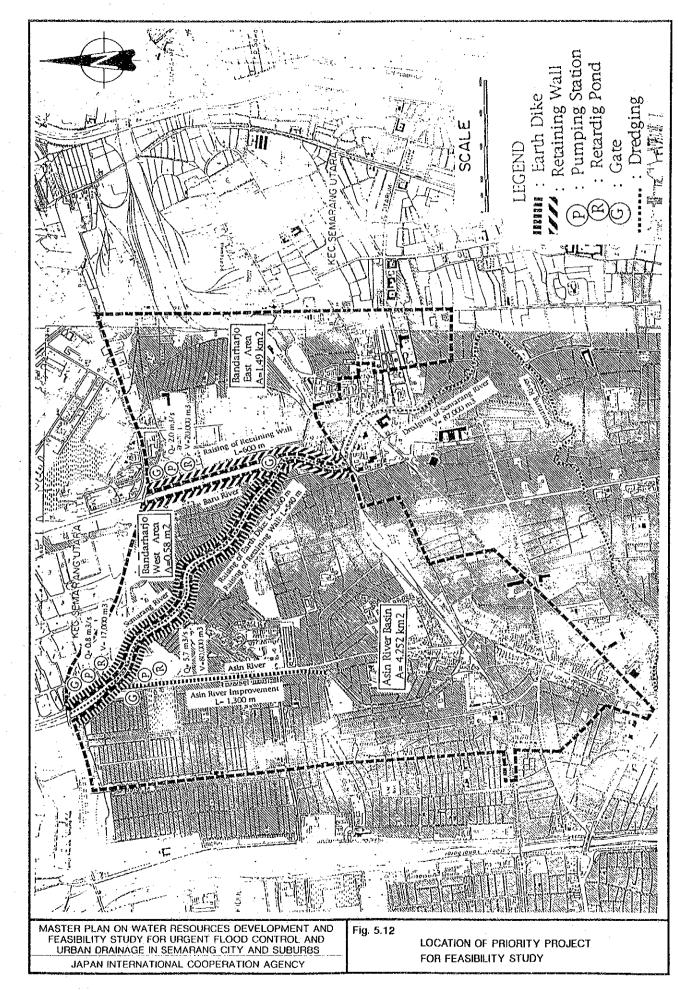
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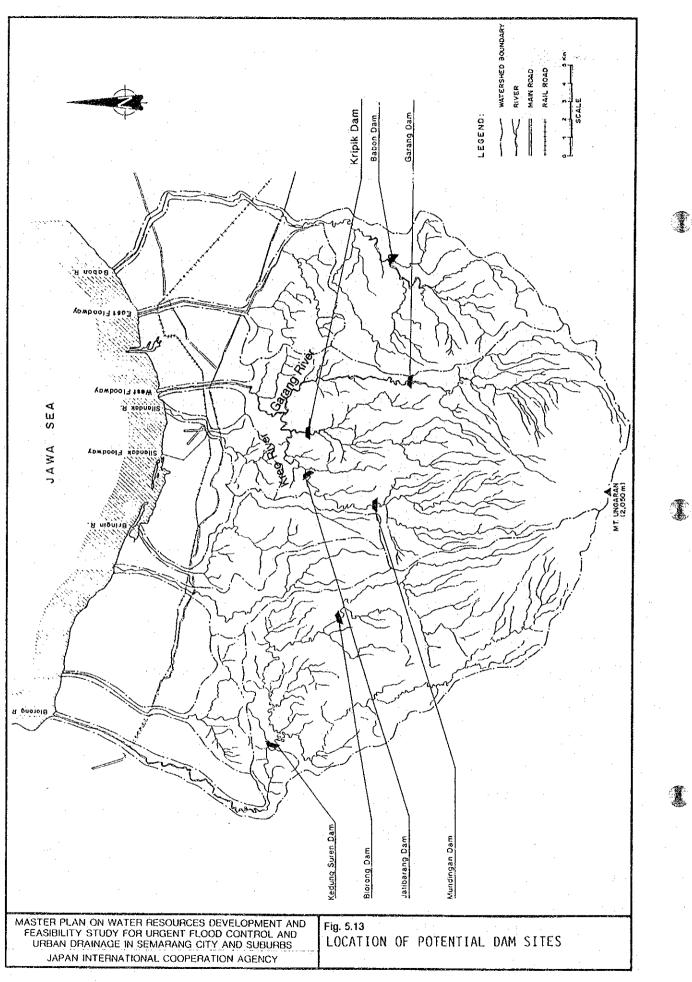
Fig. 5.11

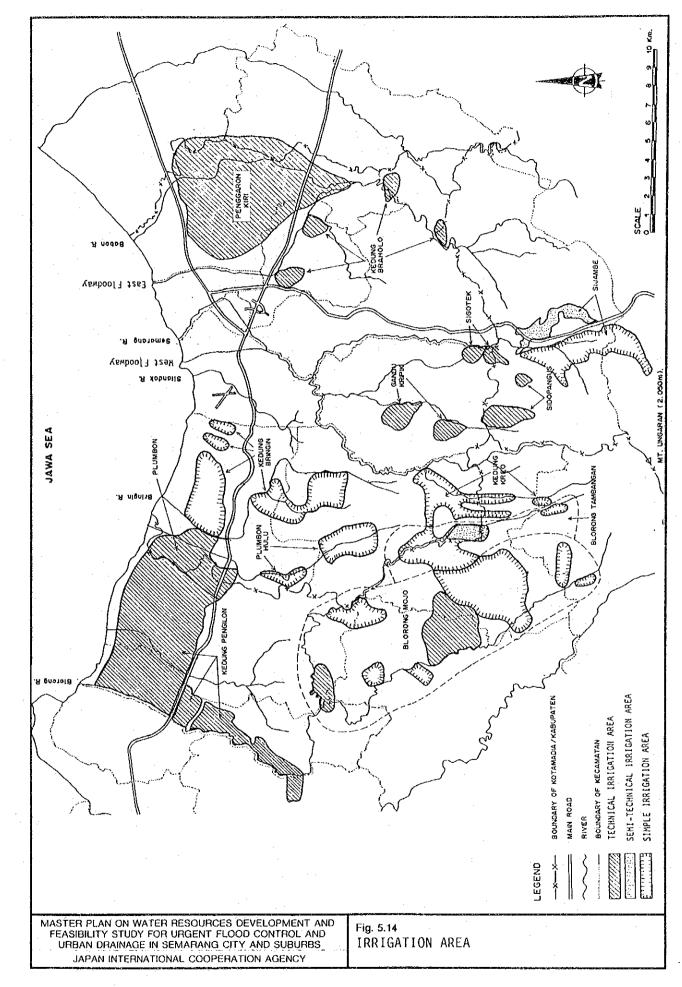
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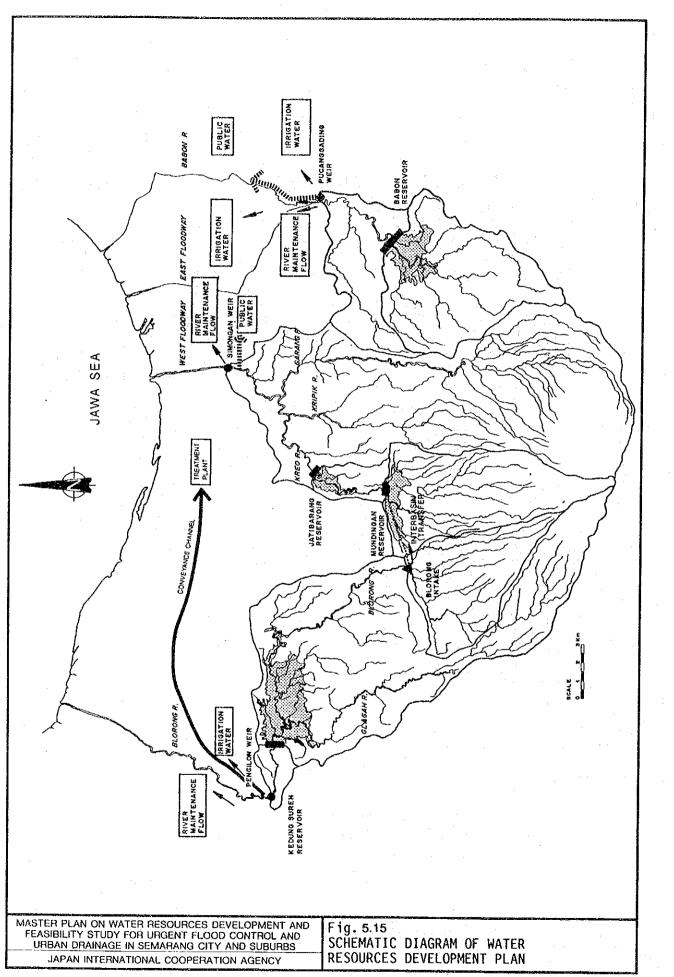
1. Eastern Semarang       Siringin River       Image: River	Description	6661 8661 1661 9661 9661 9661	500	2002	2001 2002 2003 2004	·	2005 2006 2007 2008	2007 2		809	2009 2010 2011 2012 2013 2014	2012	2013	2014	
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	2. Central Semarang									·					
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	3. Western Semarang									 					
	Ronggolawe River				:										:
	Karangayu River				· ·										
	Tawang River			· · ·											
	Silandak Channel														

IMPLEMENTATION SCHEDULE FOR MASTER PLAN OF URBAN DRAINAGE WORKS

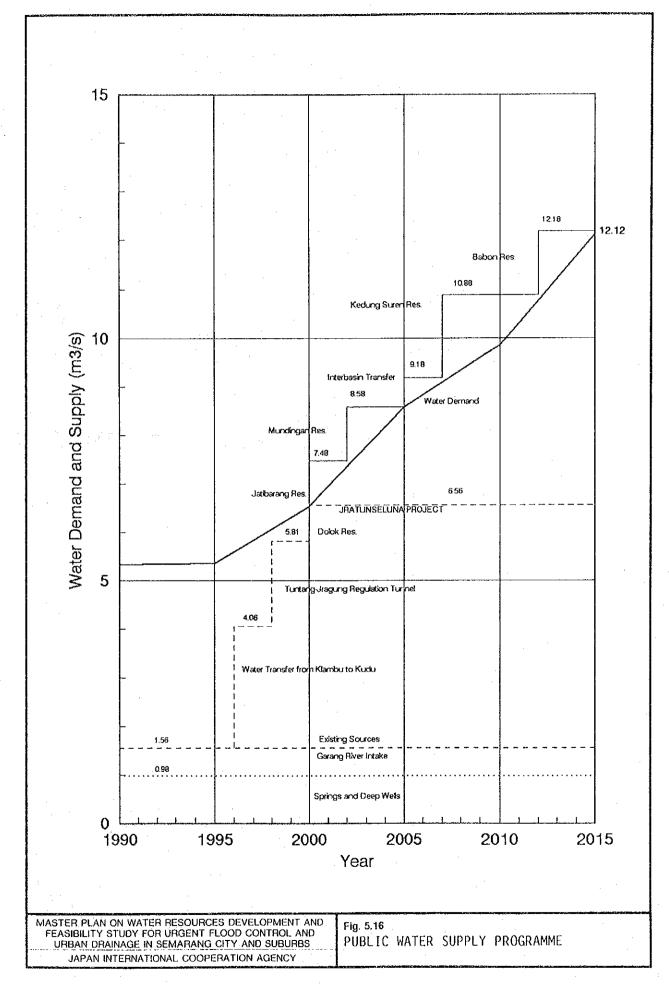








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MASTER PLAN ON WATER RESOURCES DEVELOPMENT AND FEASIBILITY STUDY FOR URGENT FLOOD CONTROL AND URBAN DRAINAGE IN SEMARANG CITY AND SUBURBS JAPAN INTERNATIONAL COOPERATION AGENCY

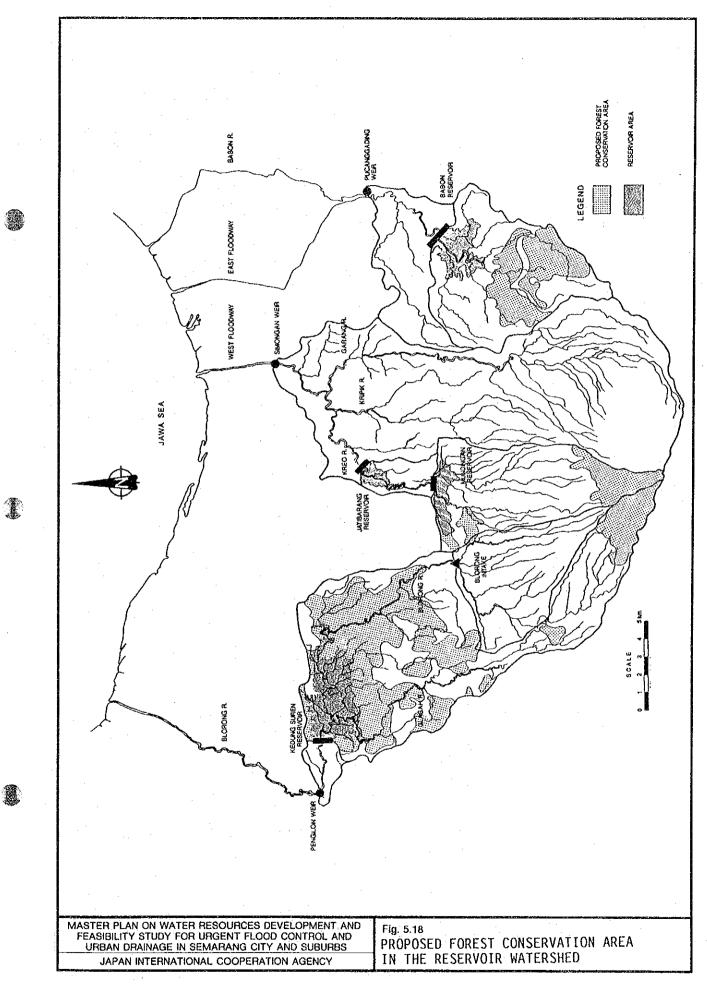
F-100

Fig. 5.17

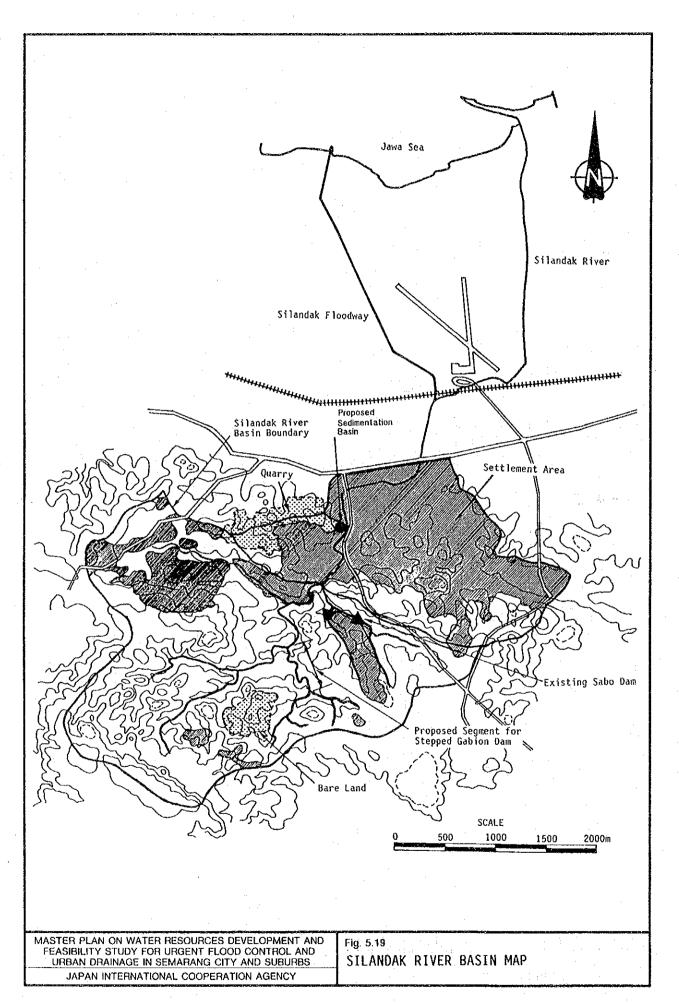
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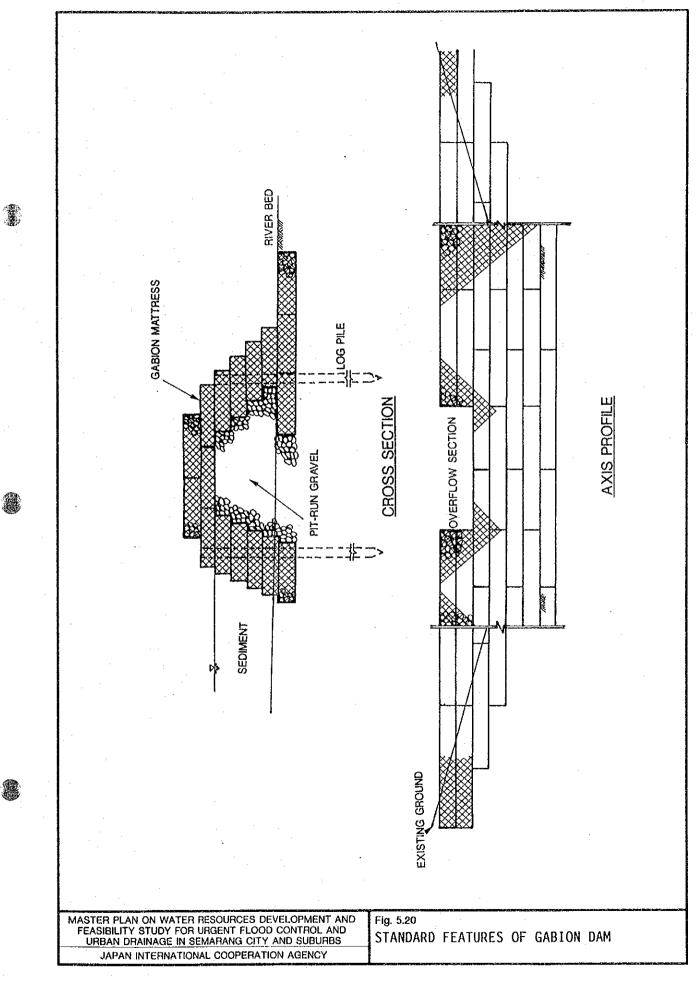
1. Babon Dam	
2. Jatibarang Dam	
3. Mundingan Dam	
4. Interbasin Transfer	
5. Kedung Suren Dam	
Kedung Suren Dam	
Conveyance Channel	

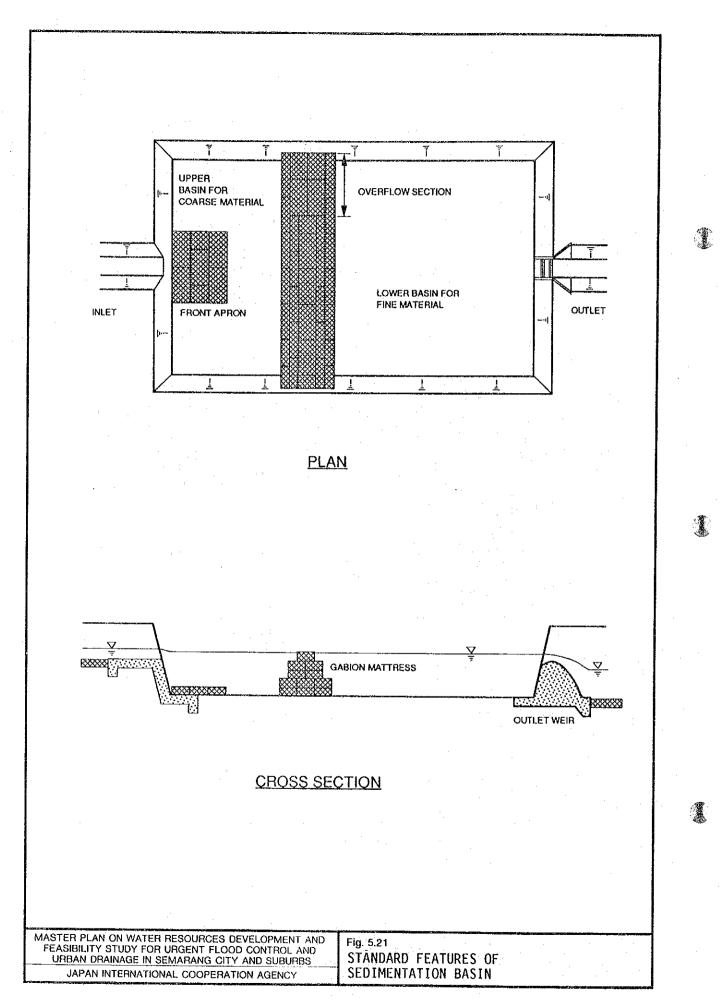
IMPLEMENTATION SCHEDULE FOR MASTER PLAN OF WATER SUPPLY WORKS



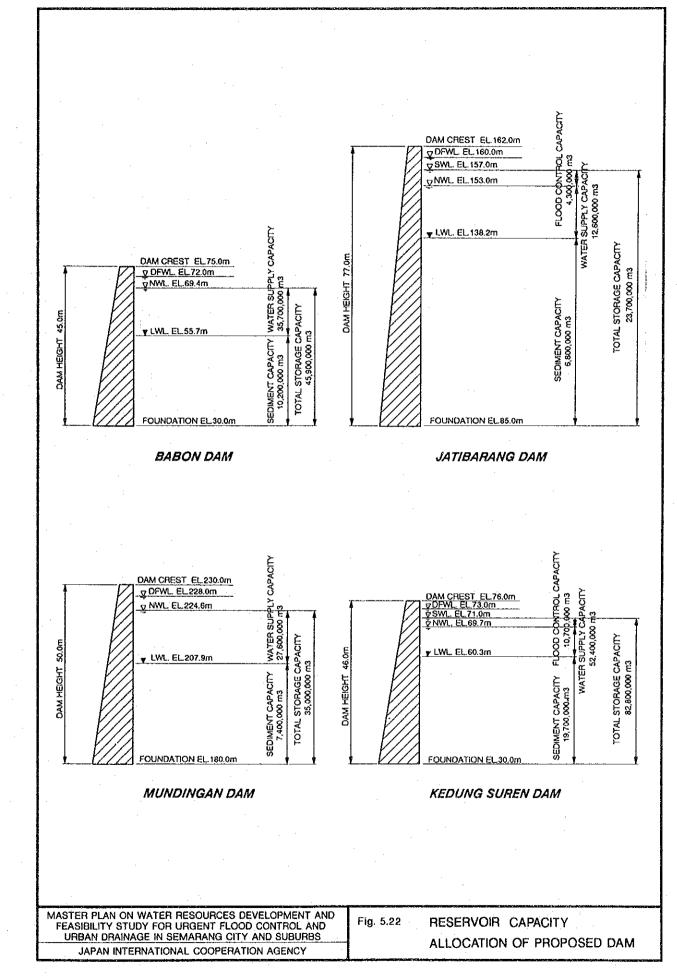
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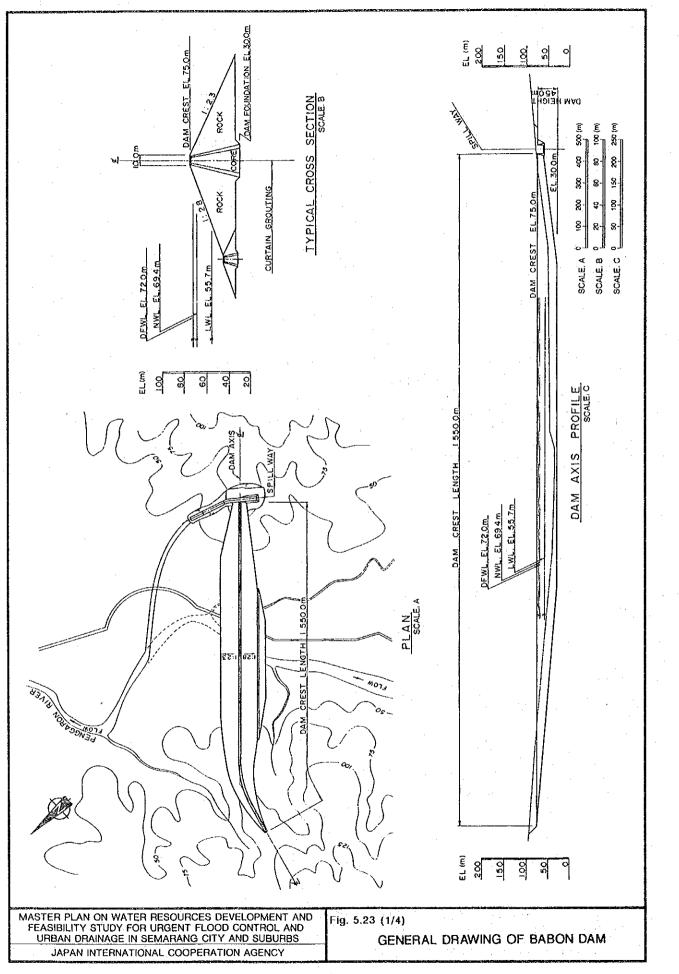




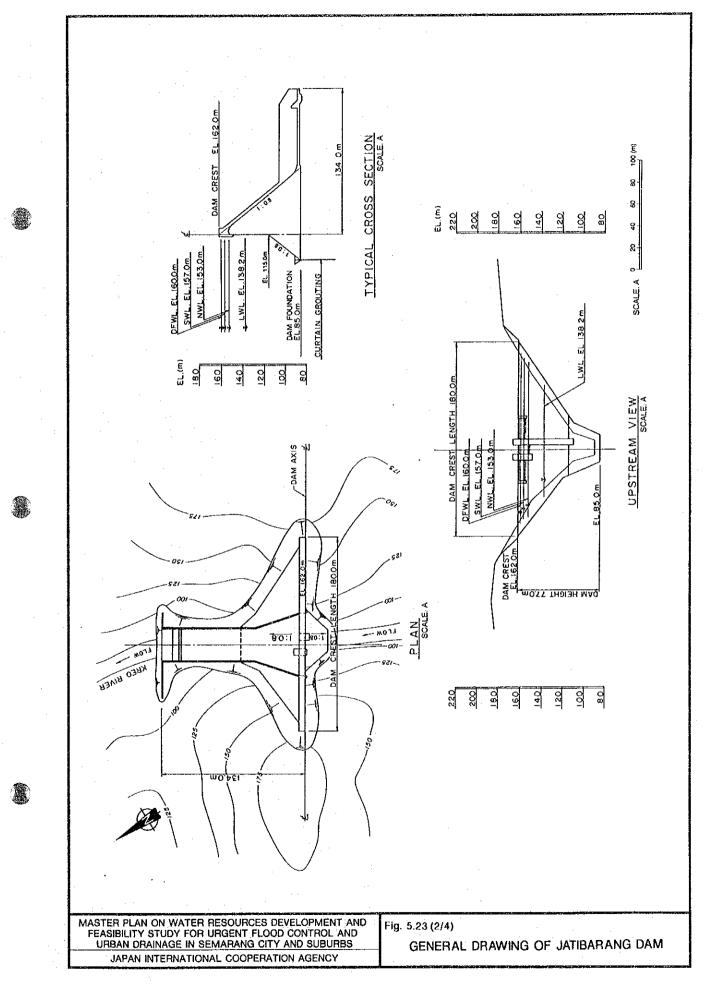


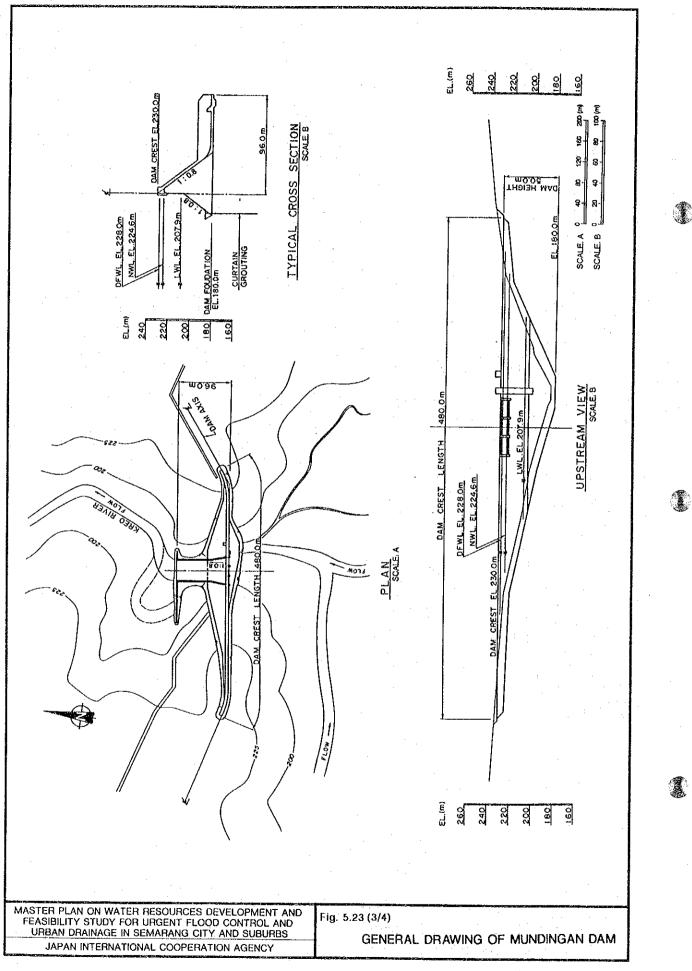
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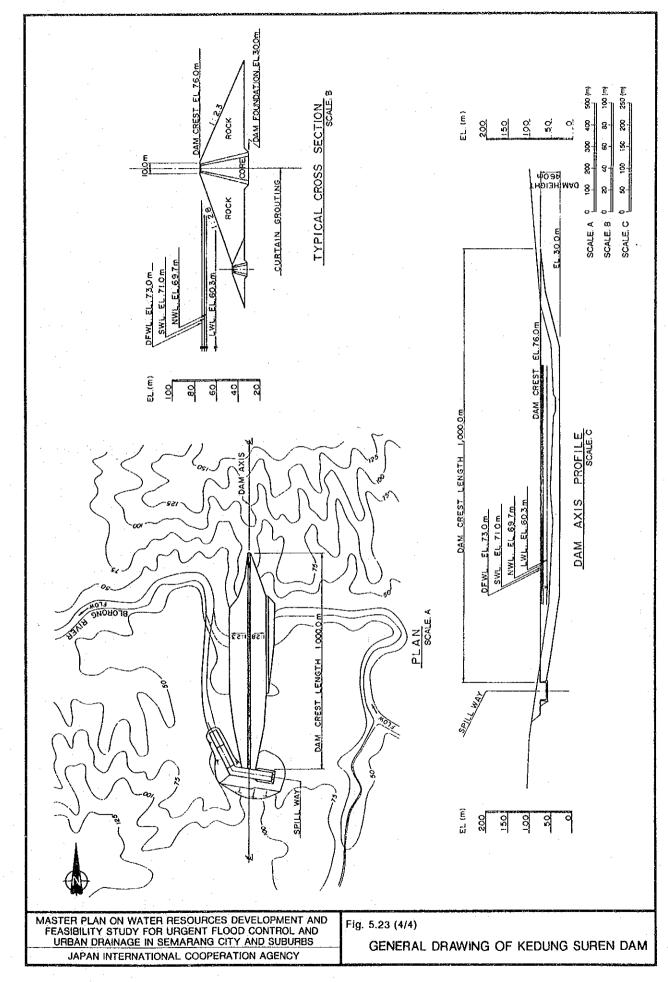




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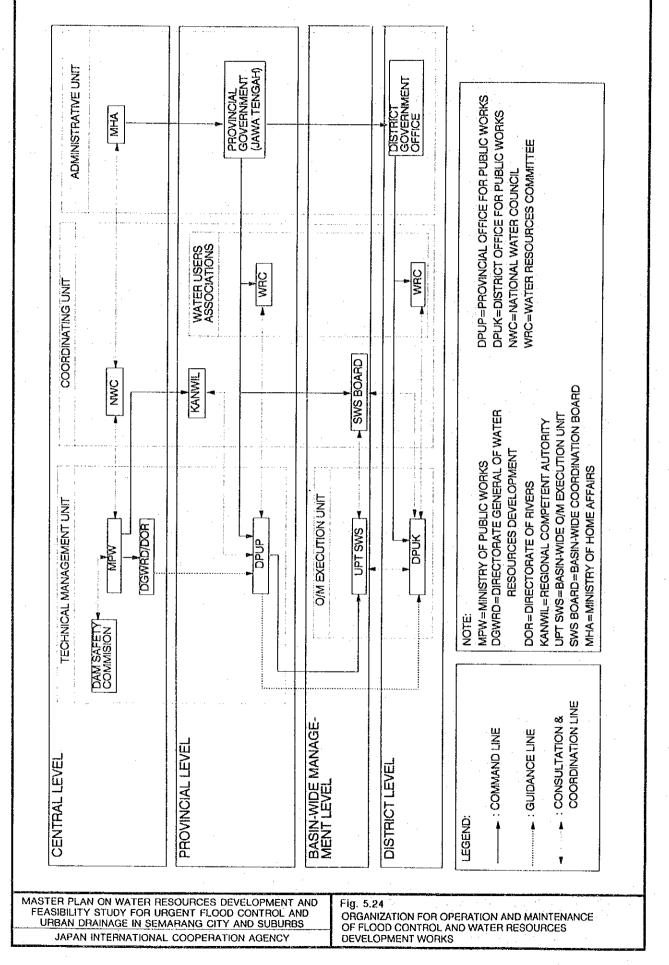




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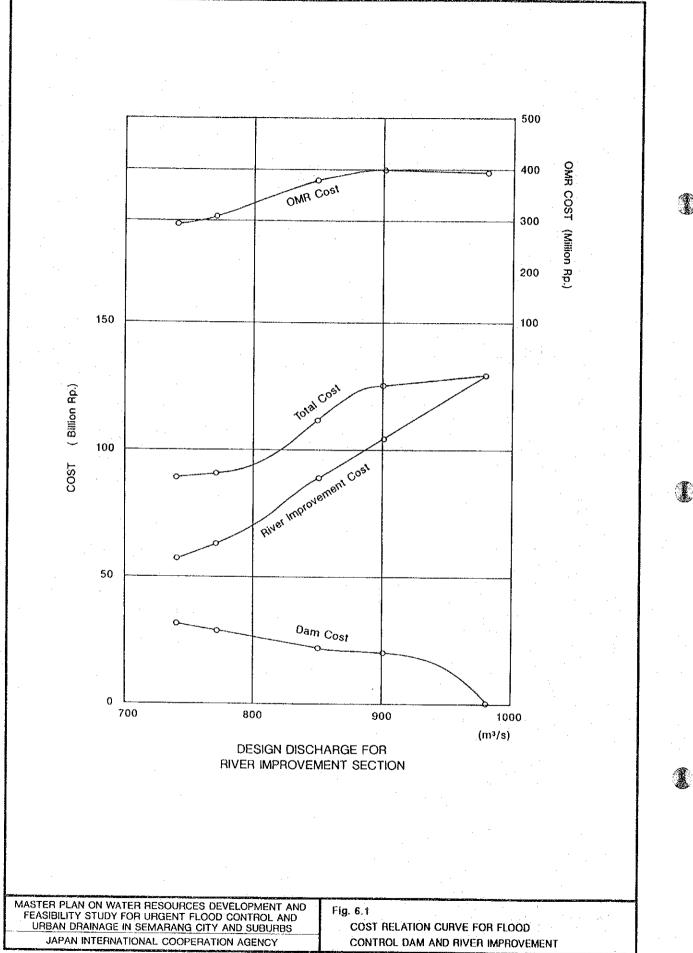
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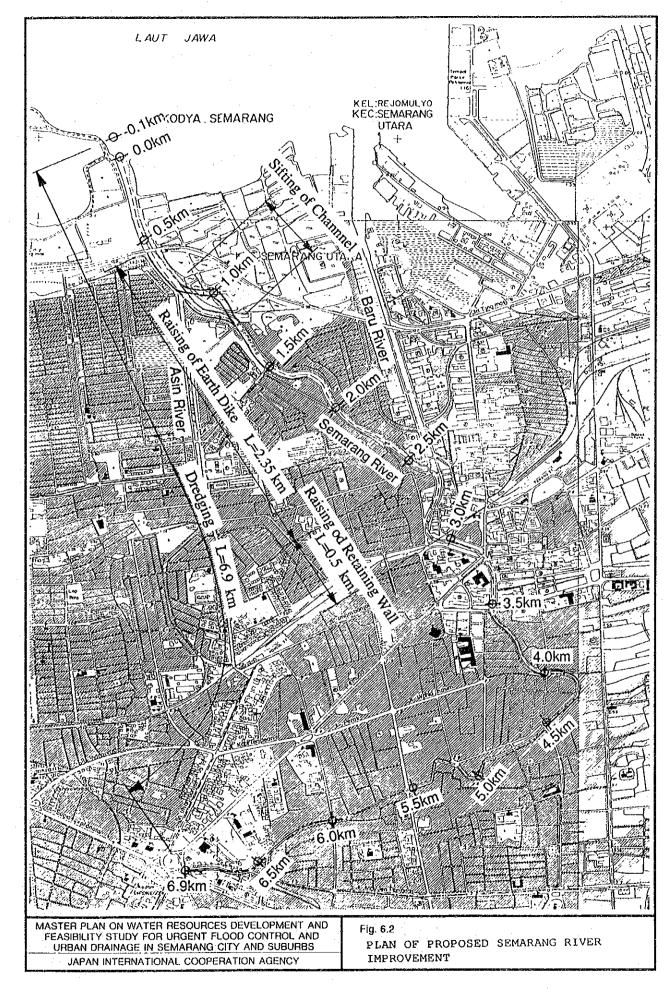
KOTA = MUNICIPALITY (KOTAMADYA) DISTRICT GOVERNMENT (KOTA. SEMARANG) MHA=MINISTRY OF HOME AFFAIRS ADMINISTRATIVE UNIT PROVINCIAL GOVERNMENT (JAWA TENGAH) DPUP=PROVINCIAL OFFICE FOR DPUK=DISTRICT OFFICE FOR MHA PUBLIC WORKS PUBLIC WORKS O/M EXECUTION UNIT PLP=DIRECTORATE OF ENVIRONMENTAL SANITATION COORDINATING UNIT DGCK=DIRECTORATE OF HUMAN SETTLEMENTS KANWIL DPUK NWC KANWIL=REGIONAL COMPTENT AUTHORITY MPW=MINISTRY OF PUBLIC WORKS NWC=NATIONAL WATER COUNCIL TECHNICAL MANAGEMENT UNIT DGCK/PLP DPUP MPW NOTE: COORDINATION LINE CONSULTATION & : COMMAND LINE : GUIDANCE LINE PROVINCIAL LEVEL DISTRICT LEVEL CENTRAL LEVEL LEGEND ķ ....... MASTER PLAN ON WATER RESOURCES DEVELOPMENT AND Fig. 5.25 ORGANIZATION FOR OPERATION AND MAINTENANCE OF URBAN DRAINAGE FACILITIES FEASIBILITY STUDY FOR URGENT FLOOD CONTROL AND URBAN DRAINAGE IN SEMARANG CITY AND SUBURBS JAPAN INTERNATIONAL COOPERATION AGENCY

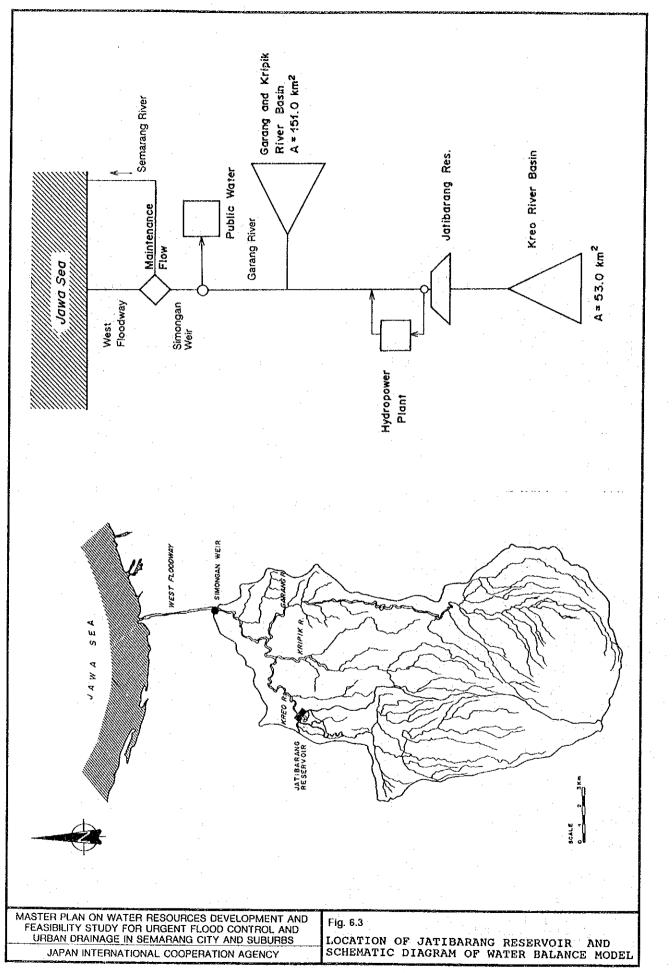
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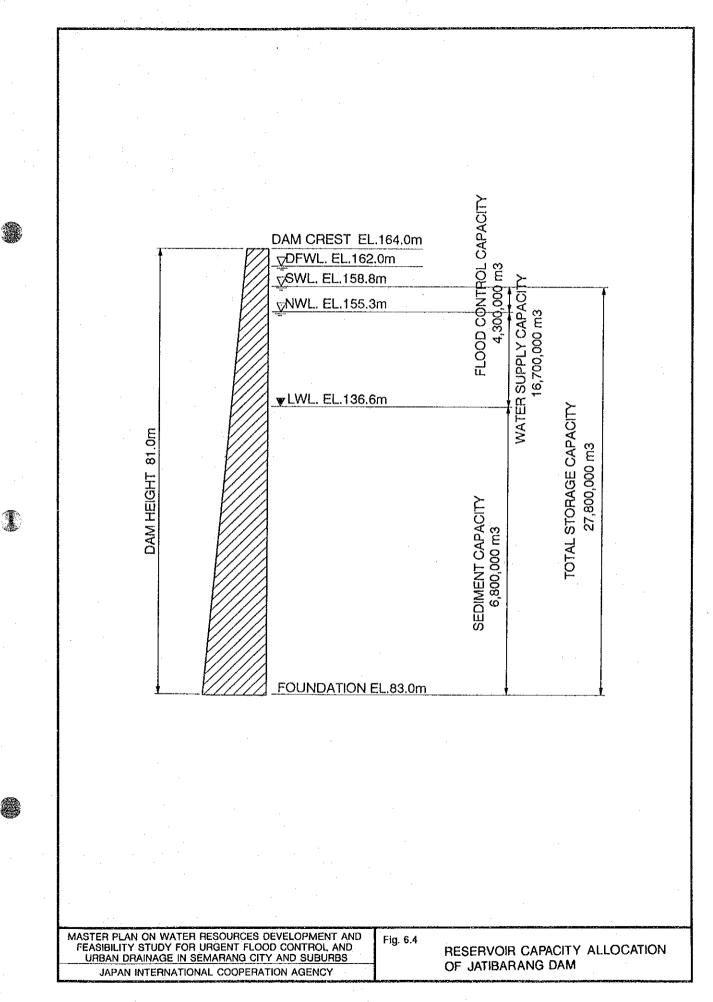


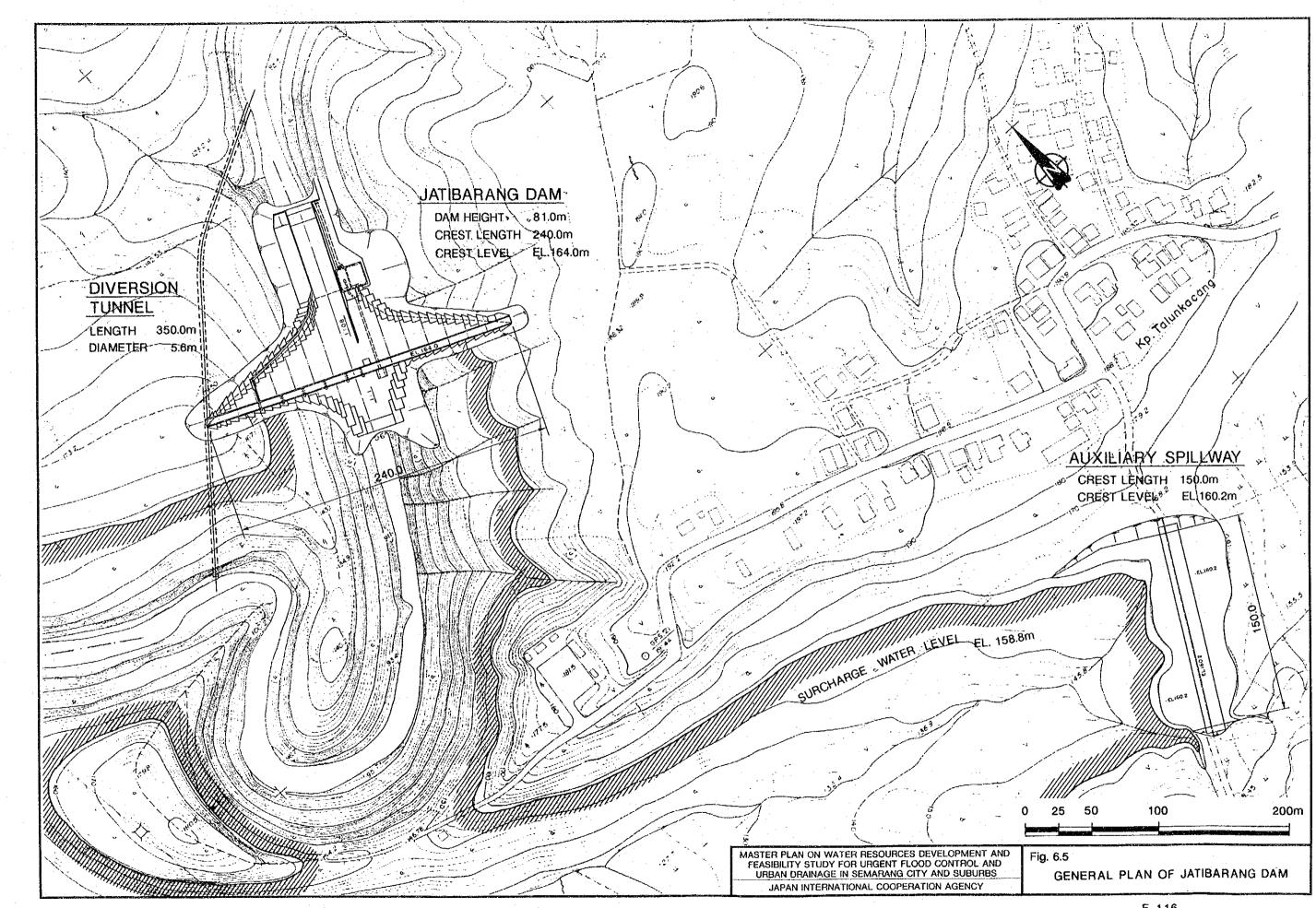
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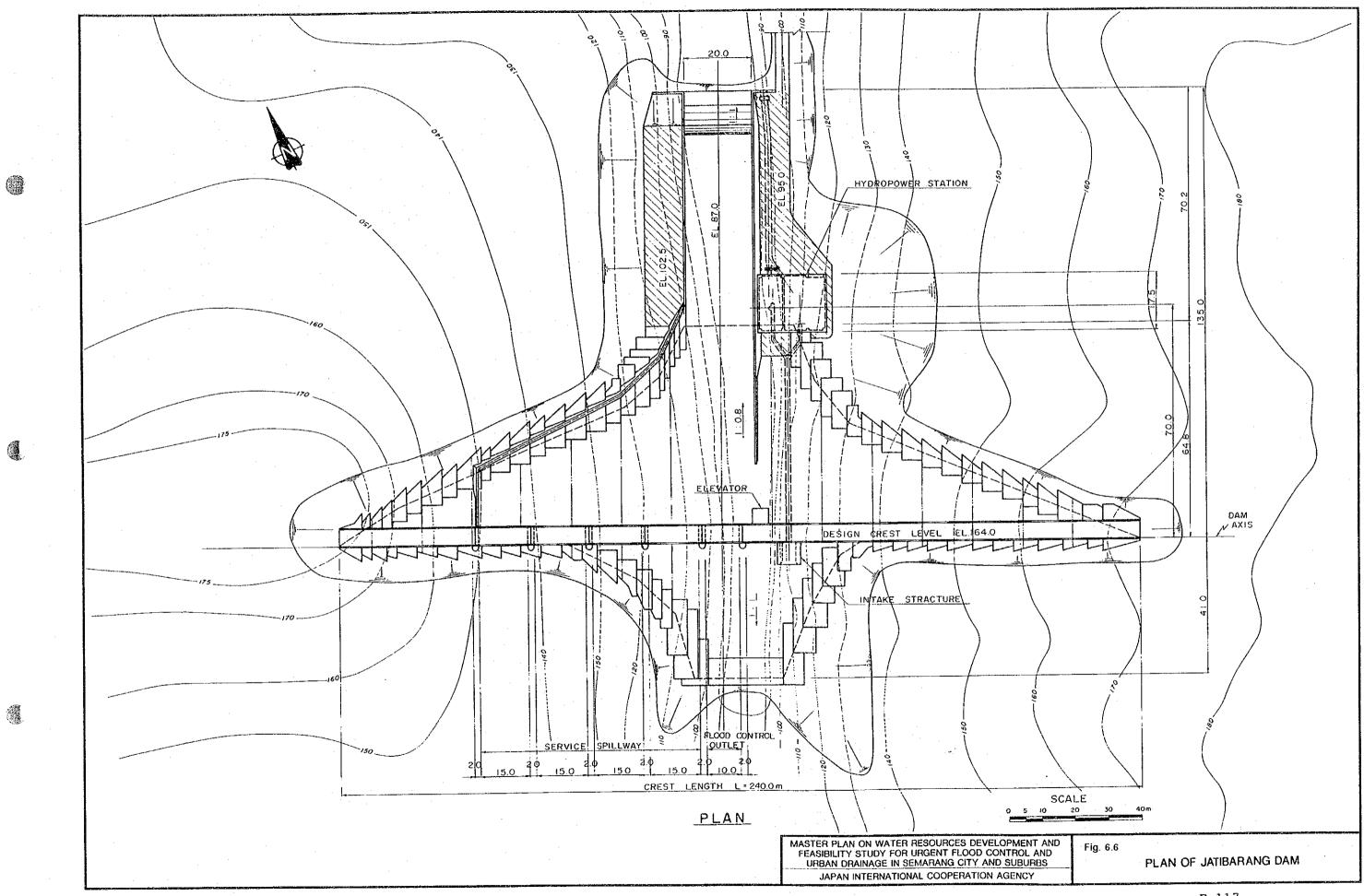




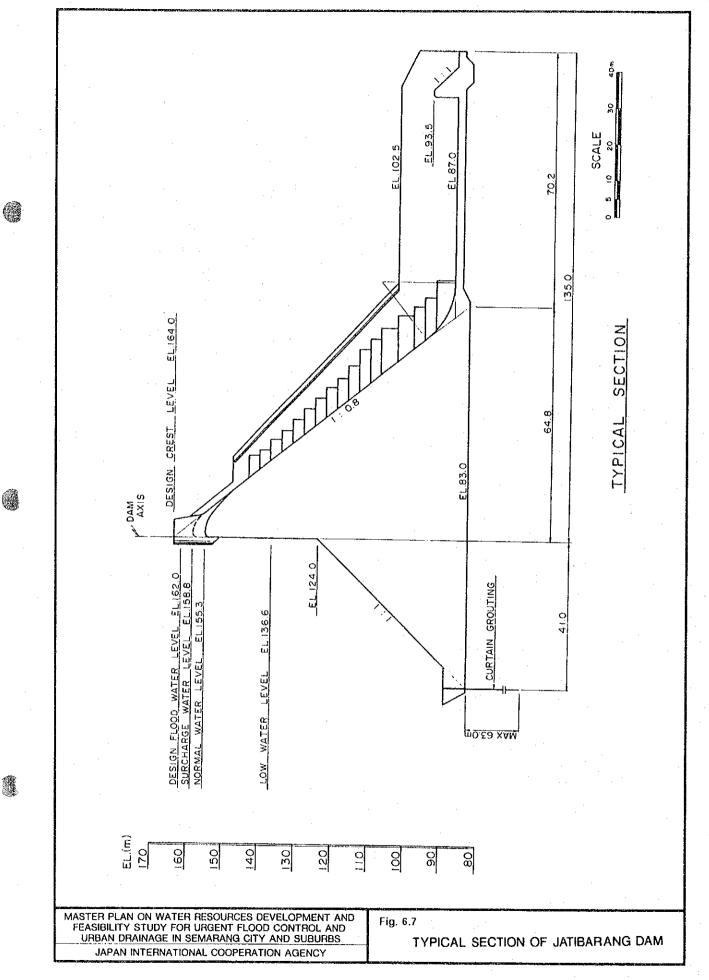
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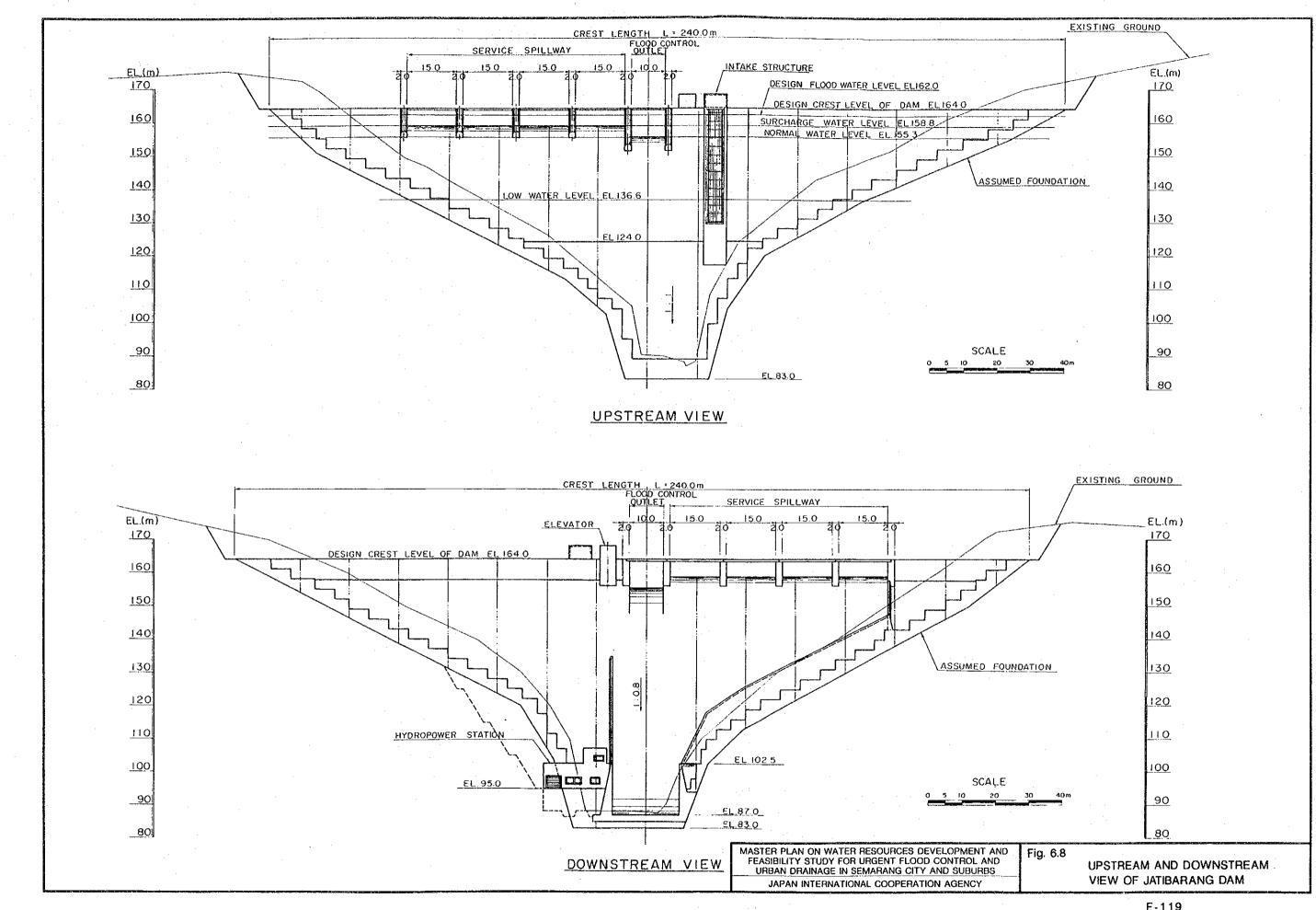




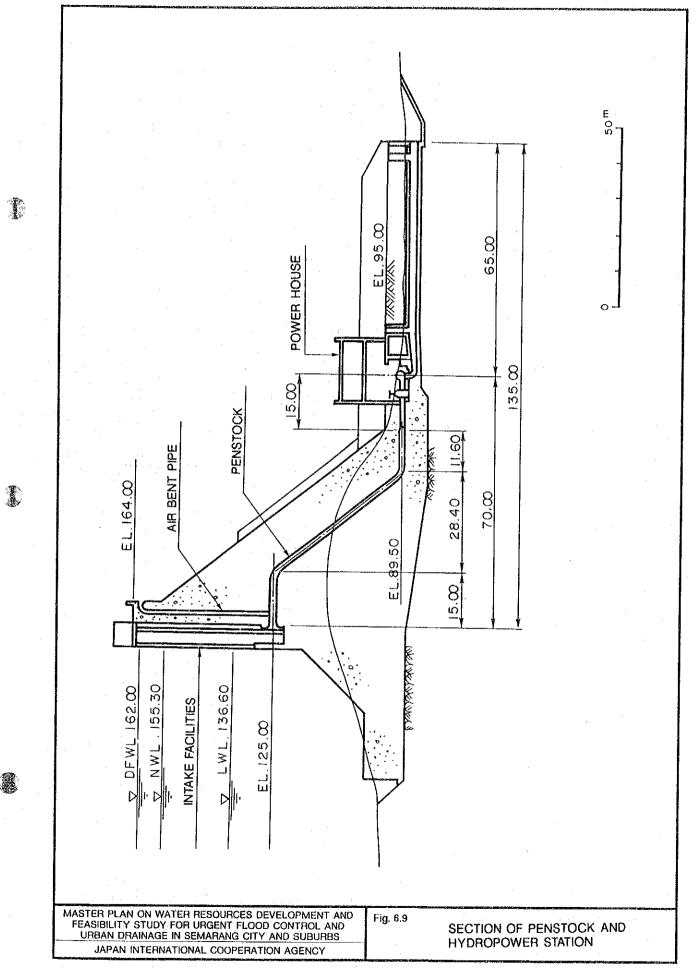


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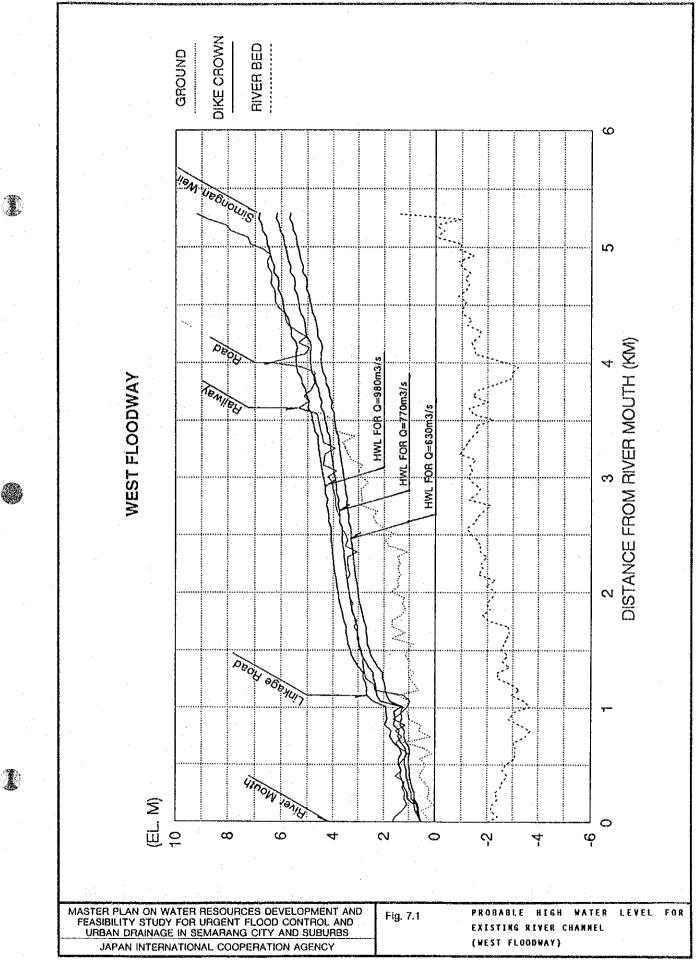


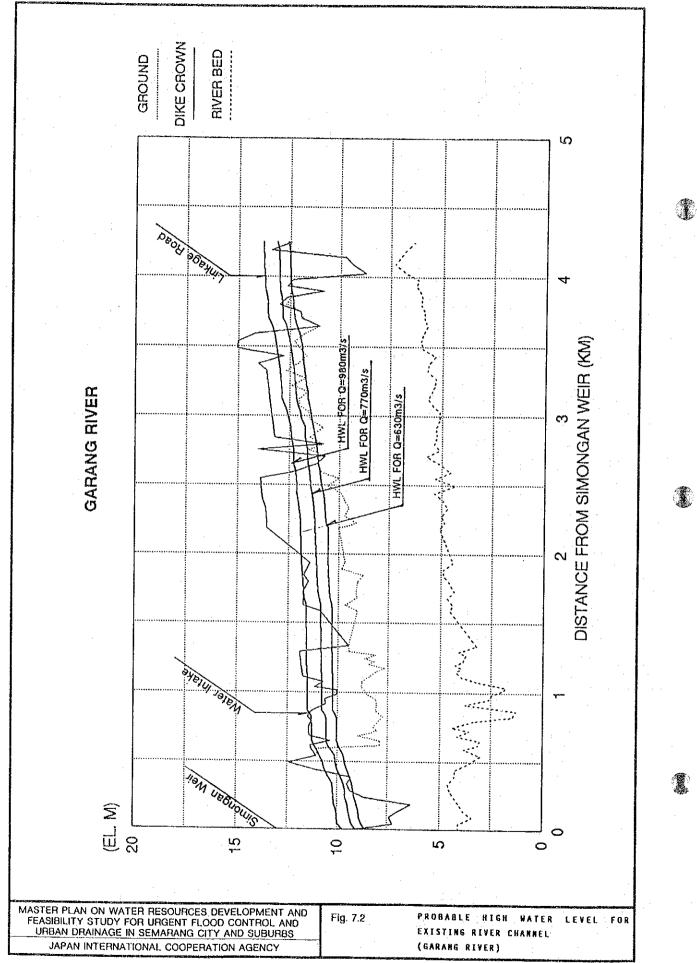
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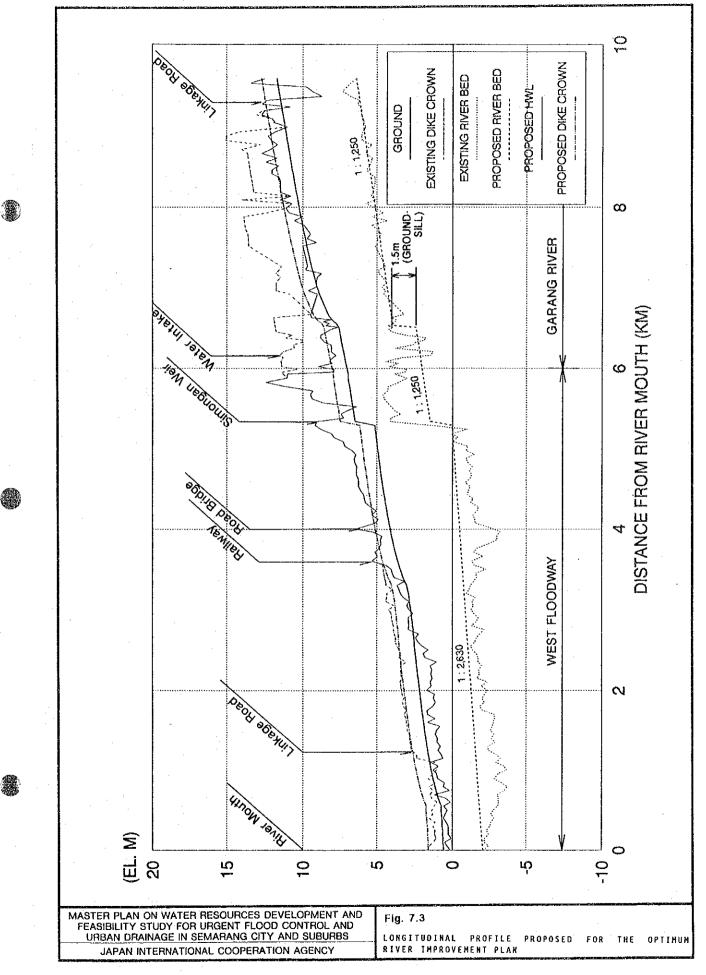


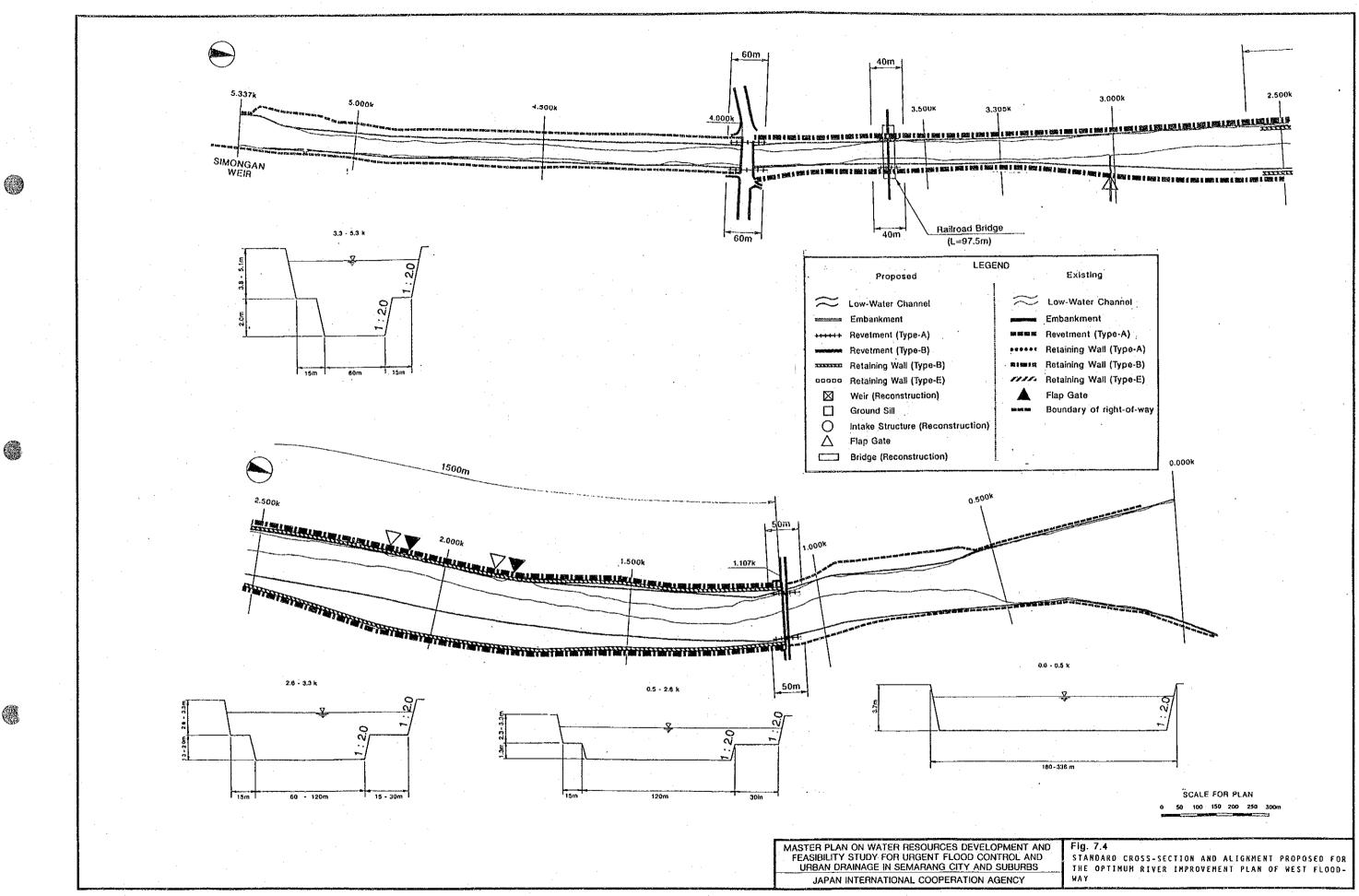
Description 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 i **River Improvement** Works for **Flood Control** West Floodway/ Garang River Plan Jatibarang Dam KXXXXXX **Construction Works** Water Resources Development Hydropower Station Plan 1 **Construction Works** Urban Drainage Plan  $\bigotimes$  $\infty$ **Detailed Design** Land Acquisition  $\sim$ Construction Works

MASTER PLAN ON WATER RESOURCES DEVELOPMENT AND FEASIBILITY STUDY FOR URGENT FLOOD CONTROL AND URBAN DRAINAGE IN SEMARANG CITY AND SUBURBS JAPAN INTERNATIONAL COOPERATION AGENCY

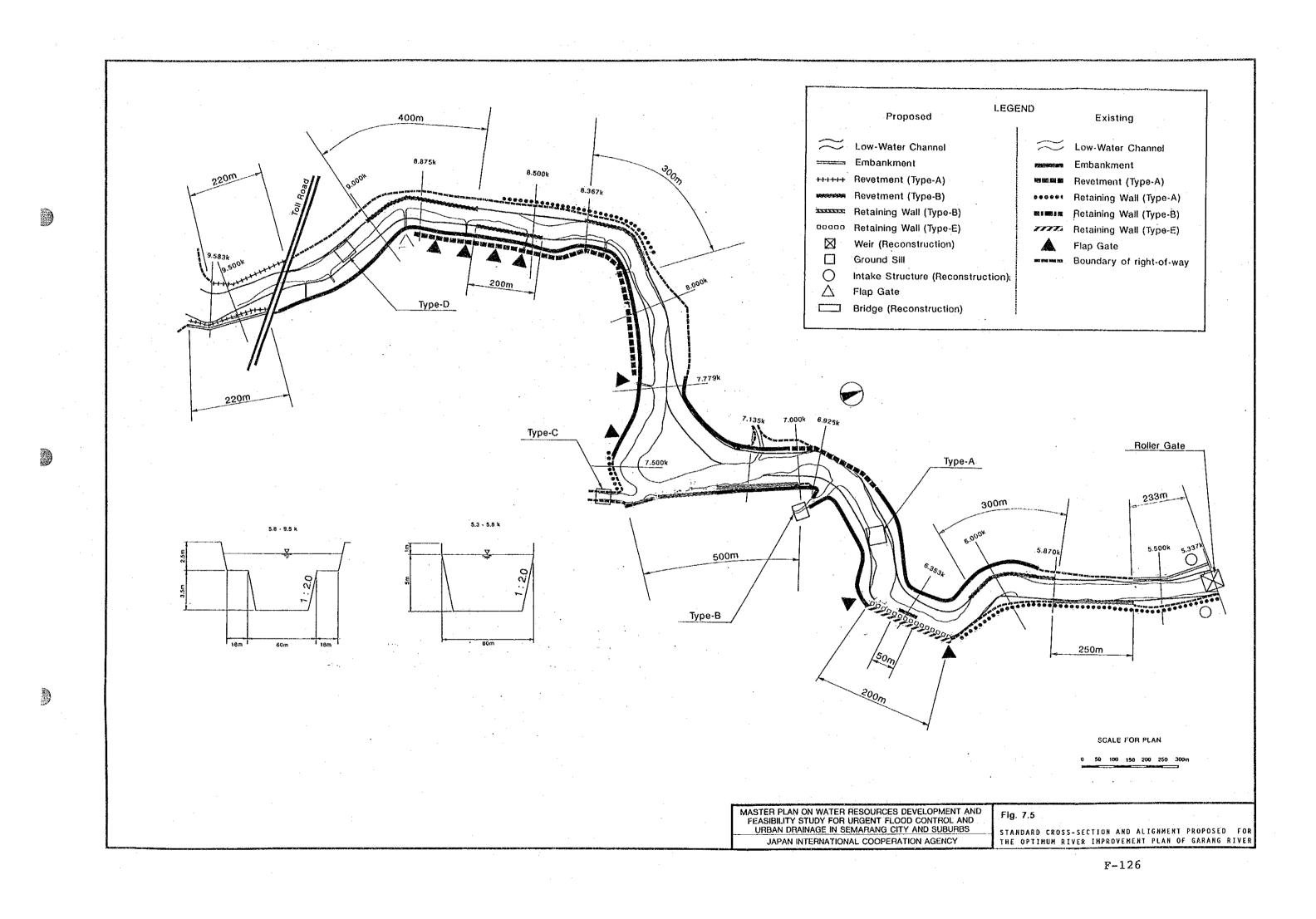


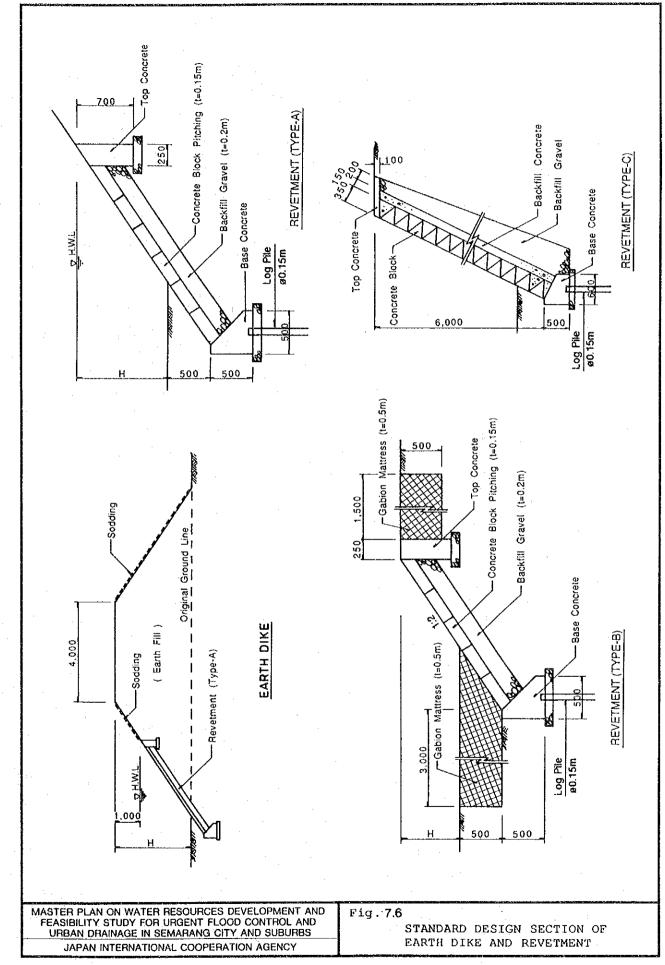


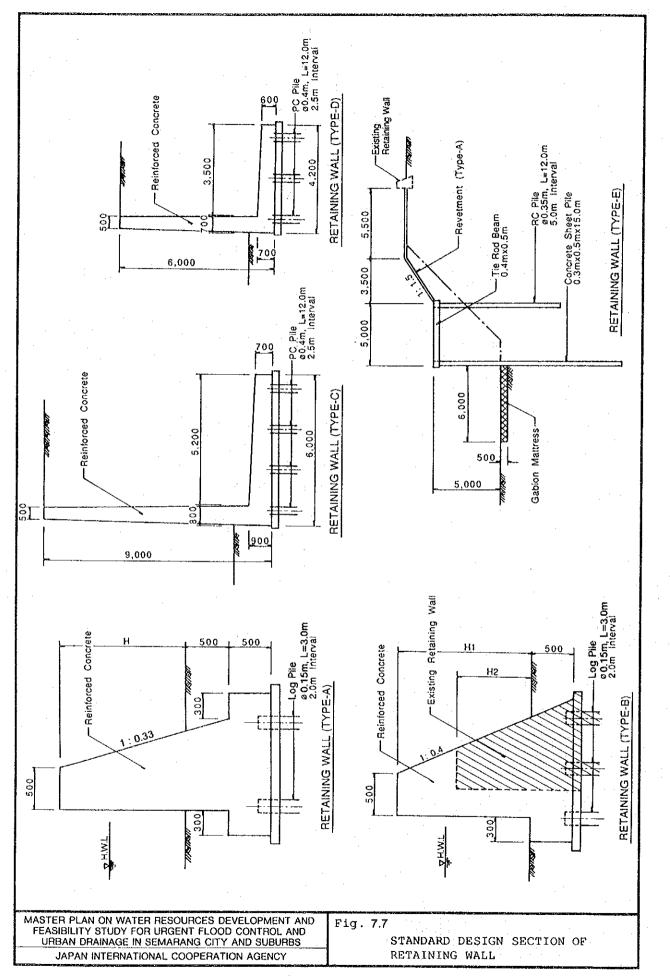


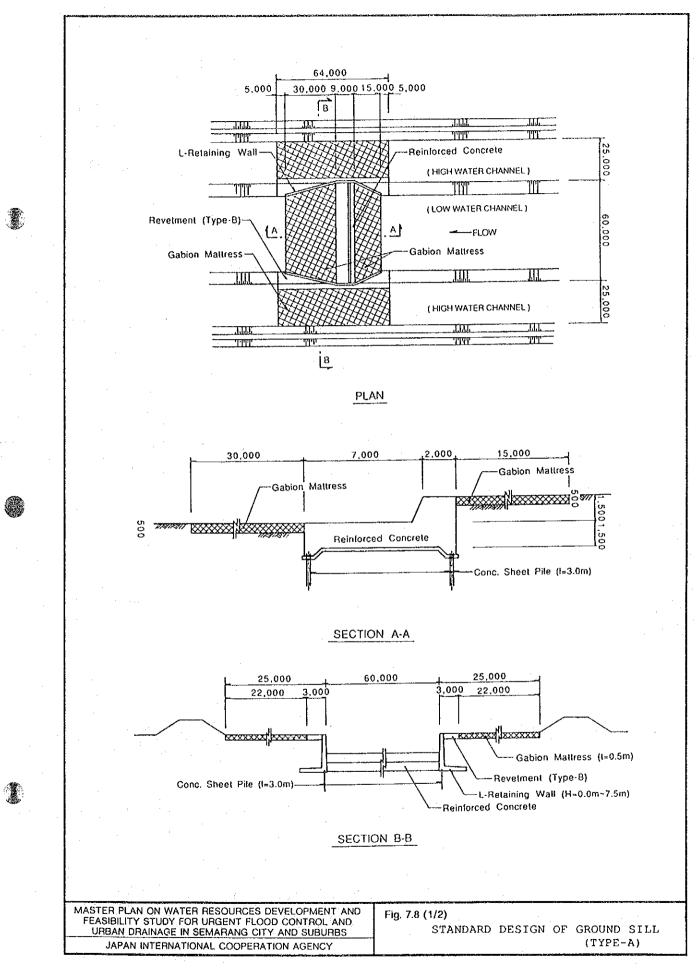


F-125

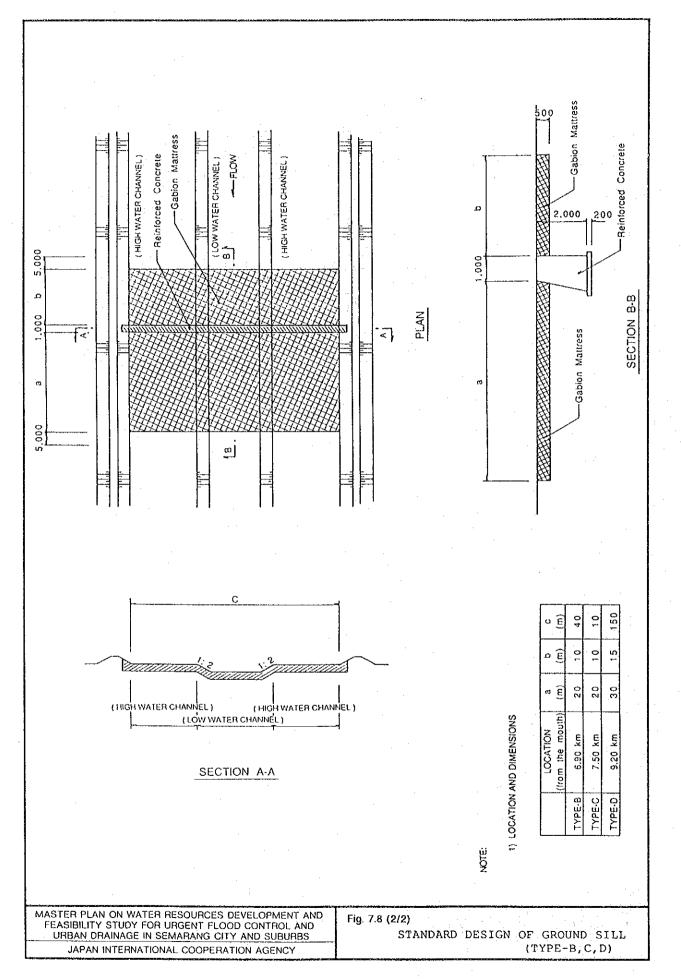




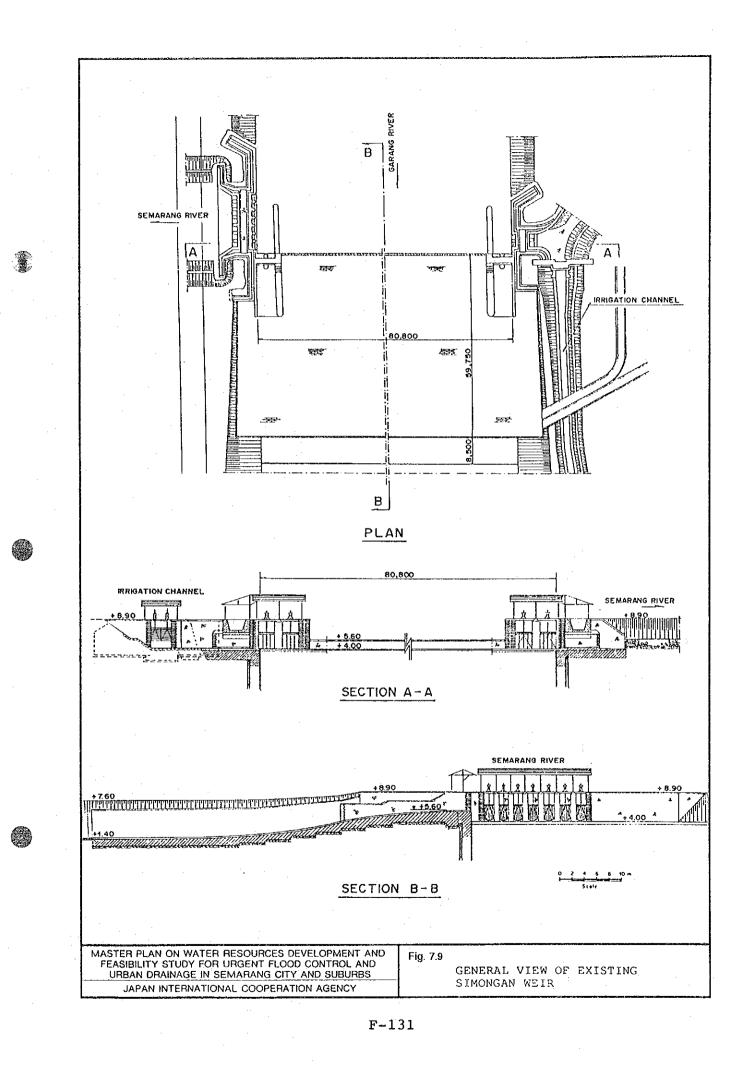


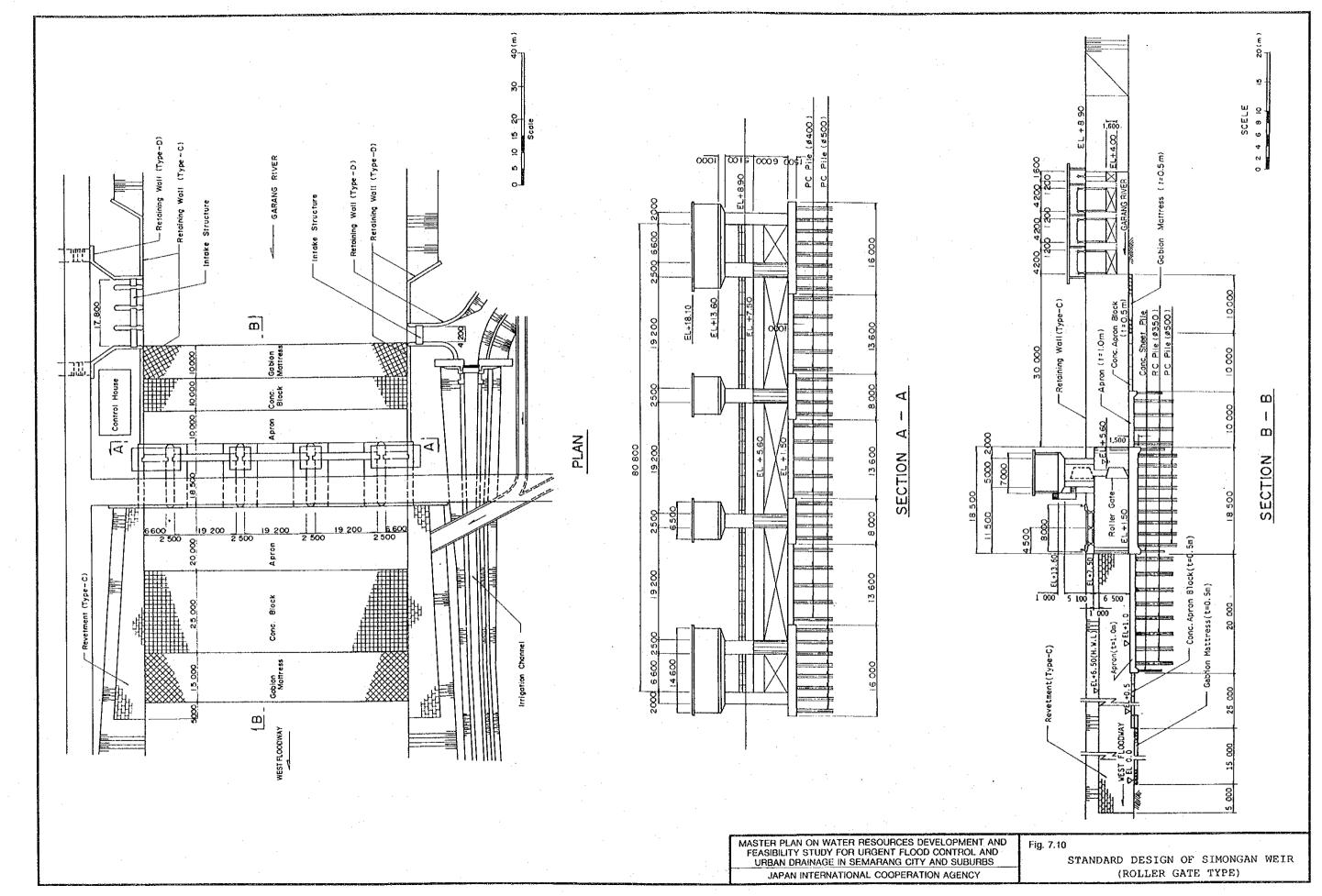


F-129



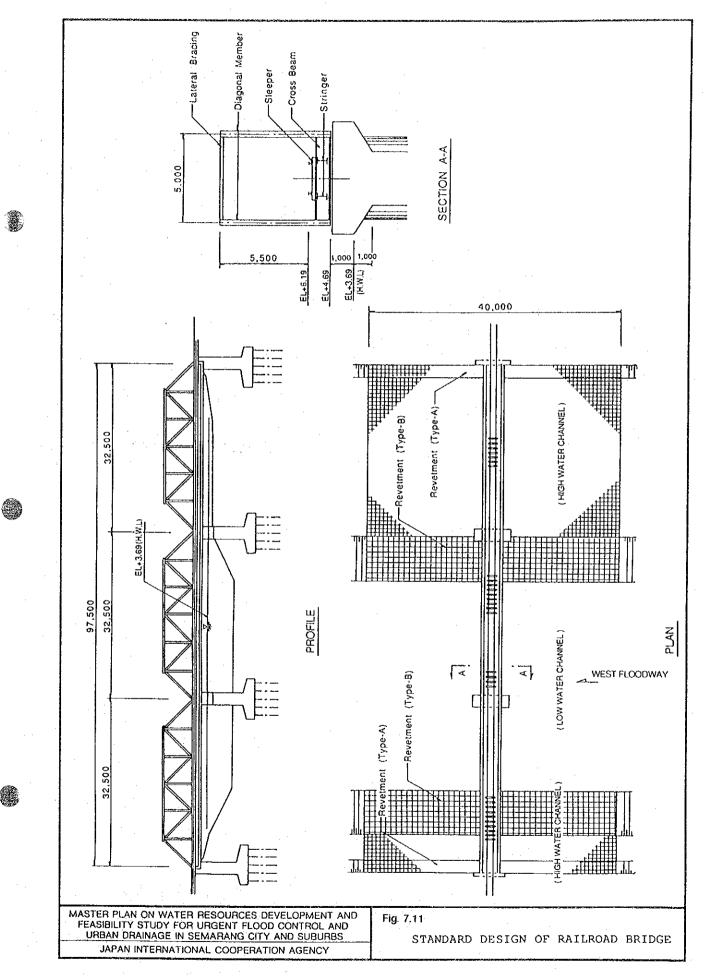
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F-132



1992 1993 1995 1998 1994 1996 1997 1999 2000 ltem Feasibility Study 11. A. Application for Loan **Detailed Design** P/Q and Tendering Construction

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 MASTER PLAN ON WATER RESOURCES DEVELOPMENT AND FEASIBILITY STUDY FOR URGENT FLOOD CONTROL AND URBAN DRAINAGE IN SEMARANG CITY AND SUBURBS
 Fig. 7.12
 IMPLEMENTATION SCHEDULE

 JAPAN INTERNATIONAL COOPERATION AGENCY
 FOR URGENT PROJECT

