

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

**MINISTRY OF TRANSPORT AND COMMUNICATIONS
MINISTRY OF ENVIRONMENT AND PHYSICAL PLANNING
CITY OF SKOPJE**

PUBLIC ENTERPRISE "WATER SUPPLY AND SEWERAGE" SKOPJE

**THE STUDY
ON
WASTEWATER MANAGEMENT
IN
SKOPJE
IN
FORMER YUGOSLAV
REPUBLIC OF MACEDONIA**

**FINAL REPORT
APPENDIX (2)**

JUNE 2009

**TOKYO ENGINEERING CONSULTANTS CO., LTD.
(TEC)
In Association with
CTI ENGINEERING INTERNATIONAL CO., LTD. (CTII)**

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THE STUDY
ON
WASTEWATER MANAGEMENT
IN
SKOPJE
IN
FORMER YUGOSLAV
REPUBLIC OF MACEDONIA

FINAL REPORT
CONSTITUENT VOLUMES

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**The Study on Wastewater Management in Skopje
in Former Yugoslav Republic of Macedonia**

**FINAL REPORT
Appendix (2)**

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APPENDIX 2 PRELIMINARY DESIGN OF TRUNK SEWER

2.1 The details of the points where the interceptor cross existing sewers

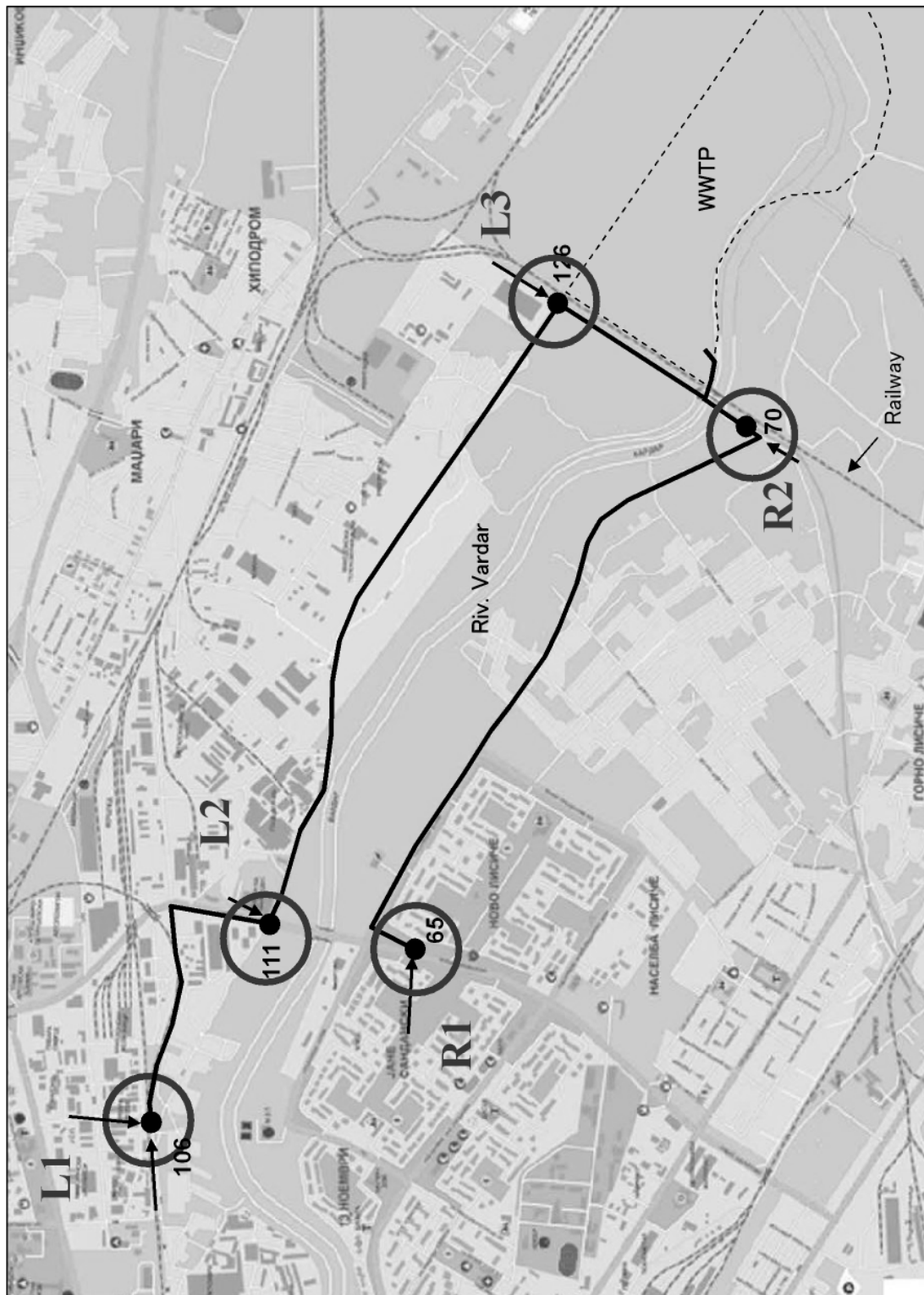


Figure 2.1 The details of the points where the interceptor crosses three existing sewer

2.2 The conceptual figure of respective chambers

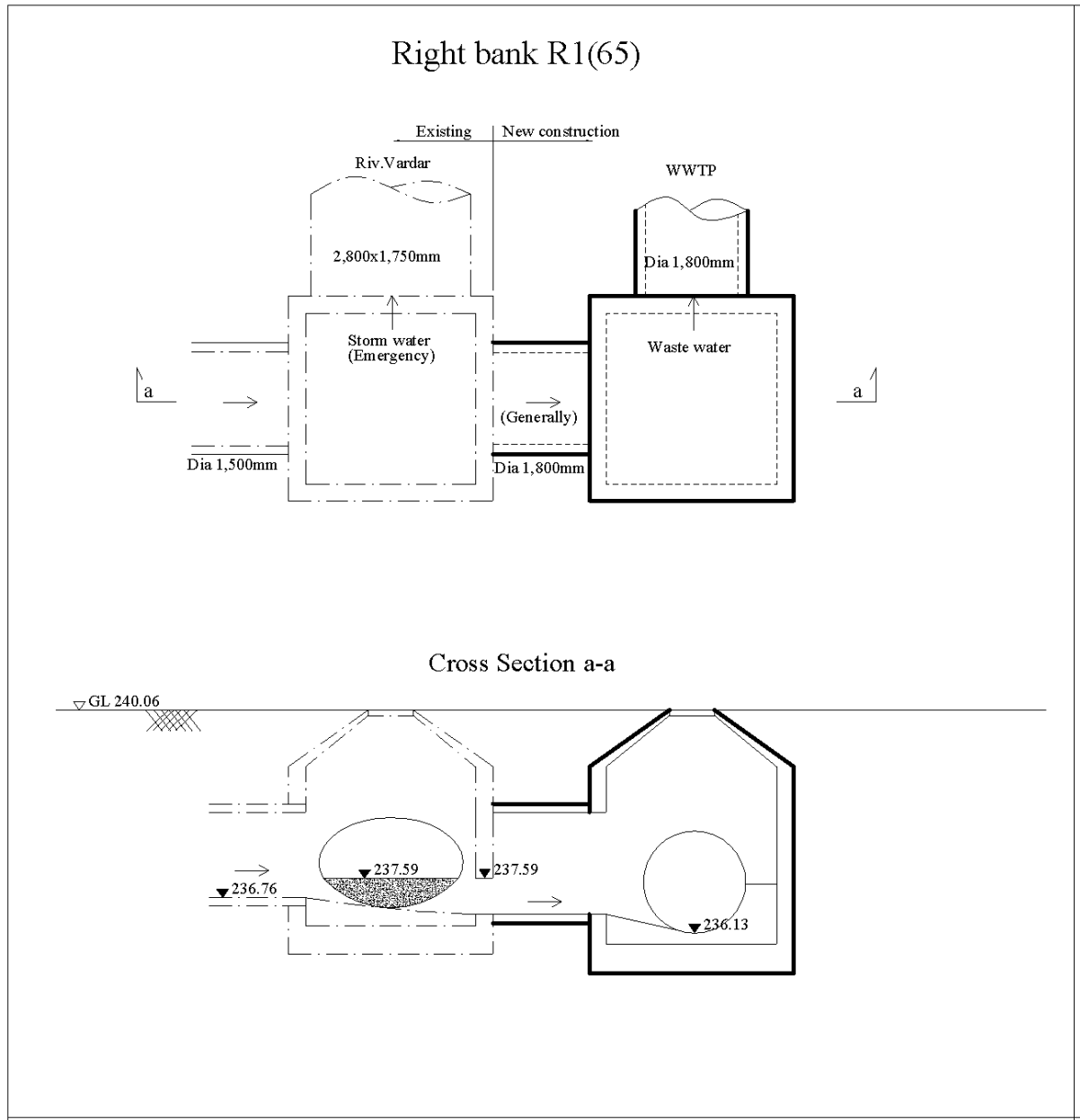


Figure 2.2 Right bank (R1:65)

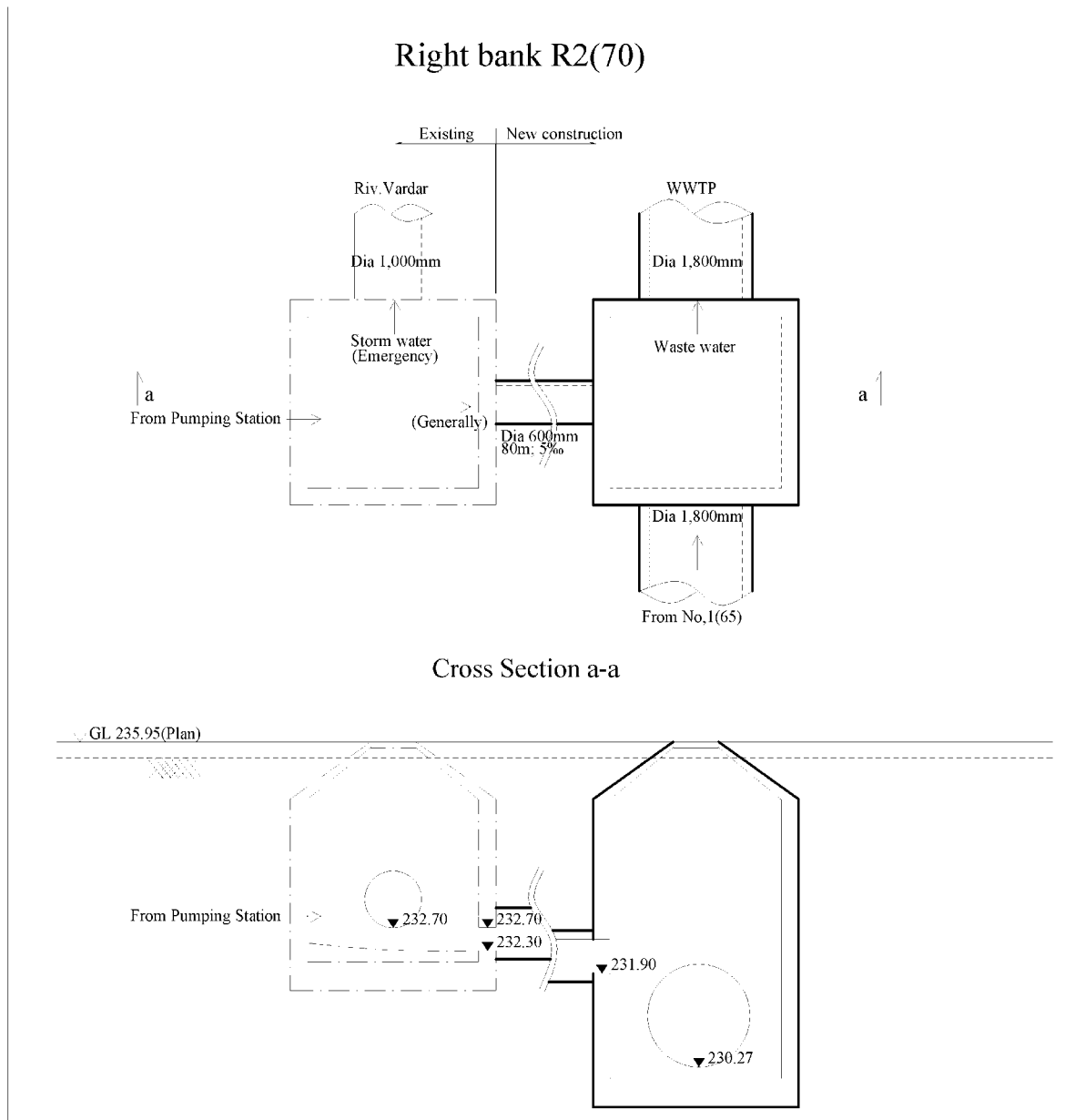


Figure 2.3 Right bank (R2:70)

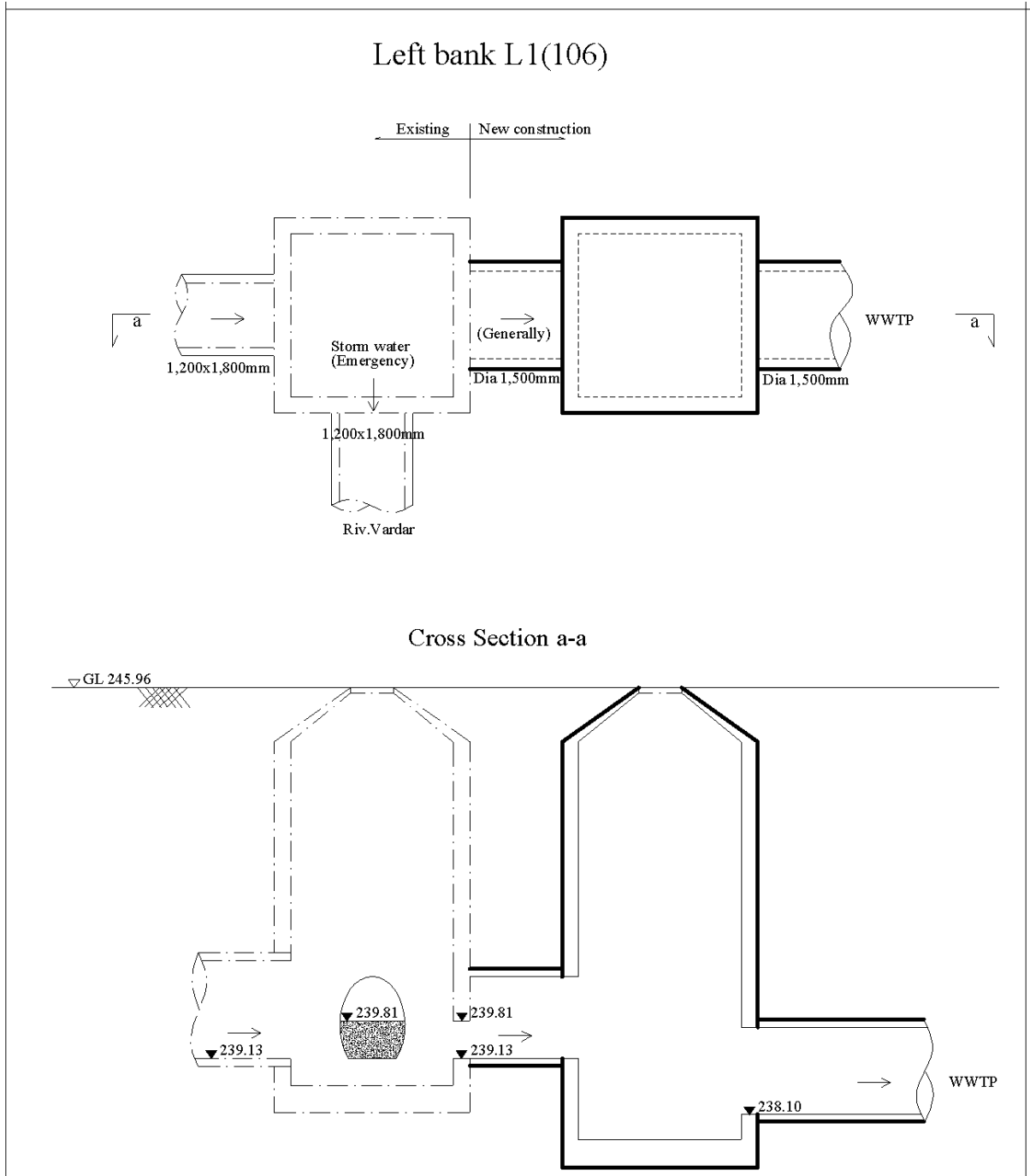


Figure 2.4 Left bank (L1:106)

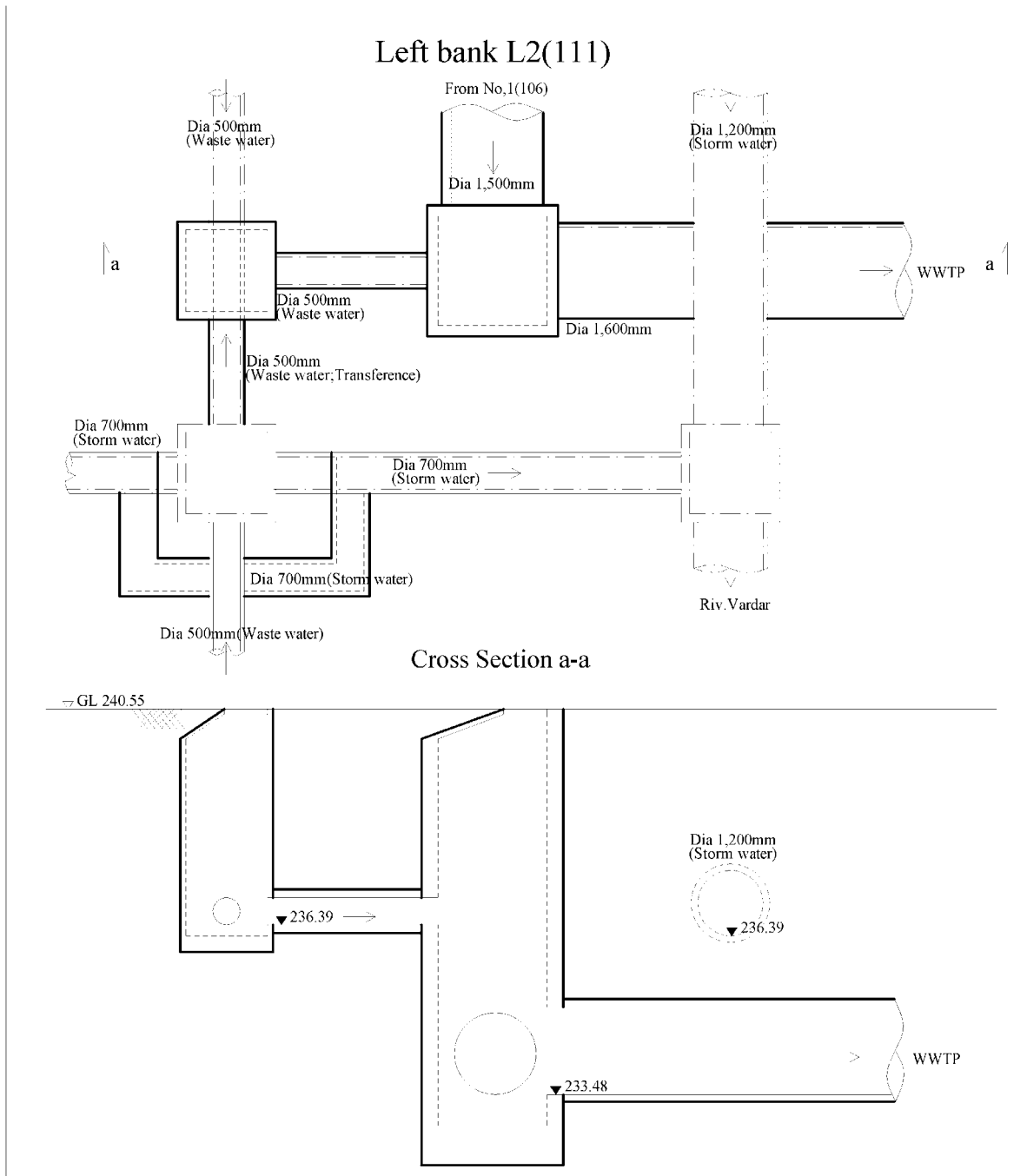


Figure 2.5 Left bank (L2:111)

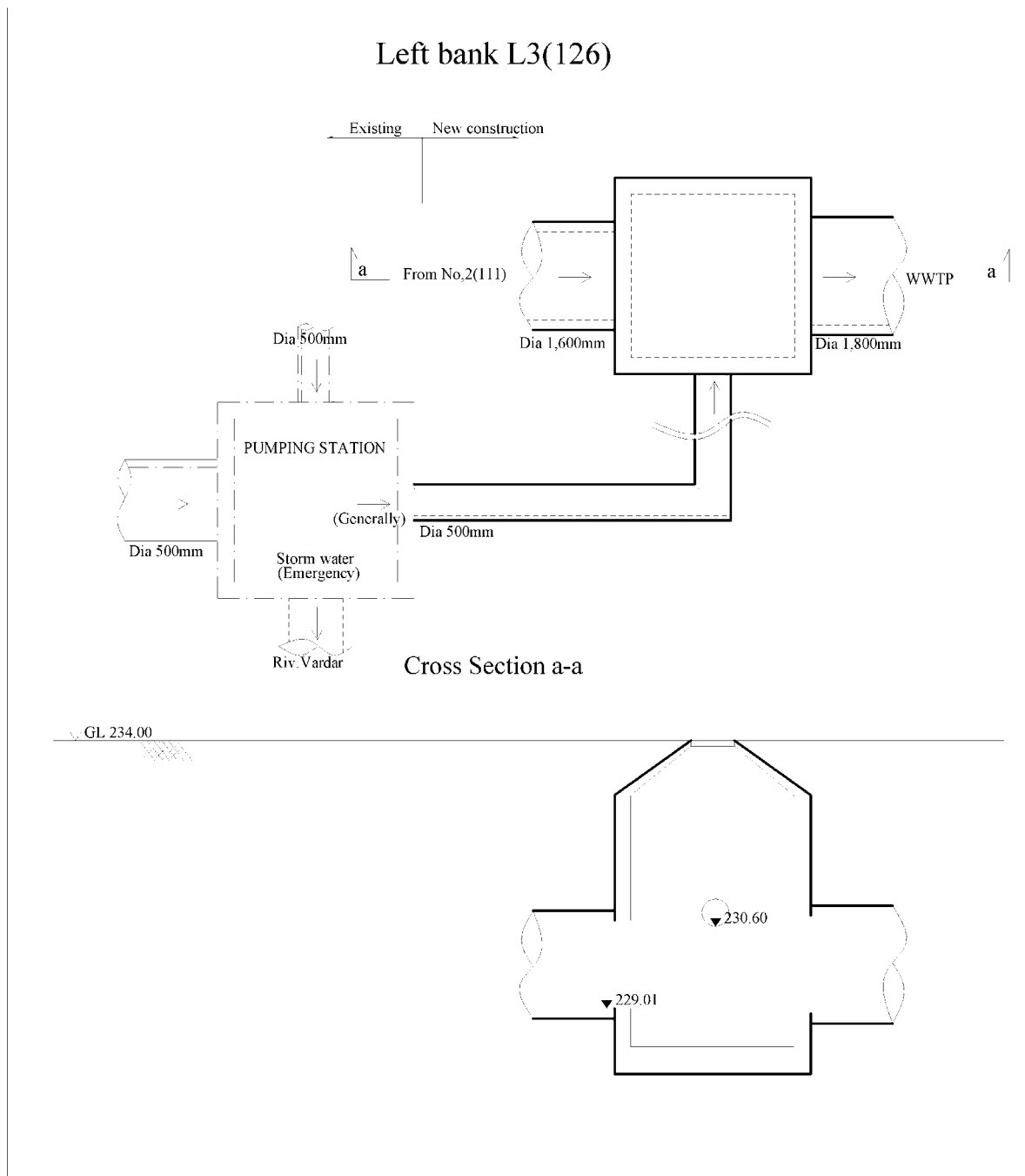


Figure 2.6 Left bank (L3:126)