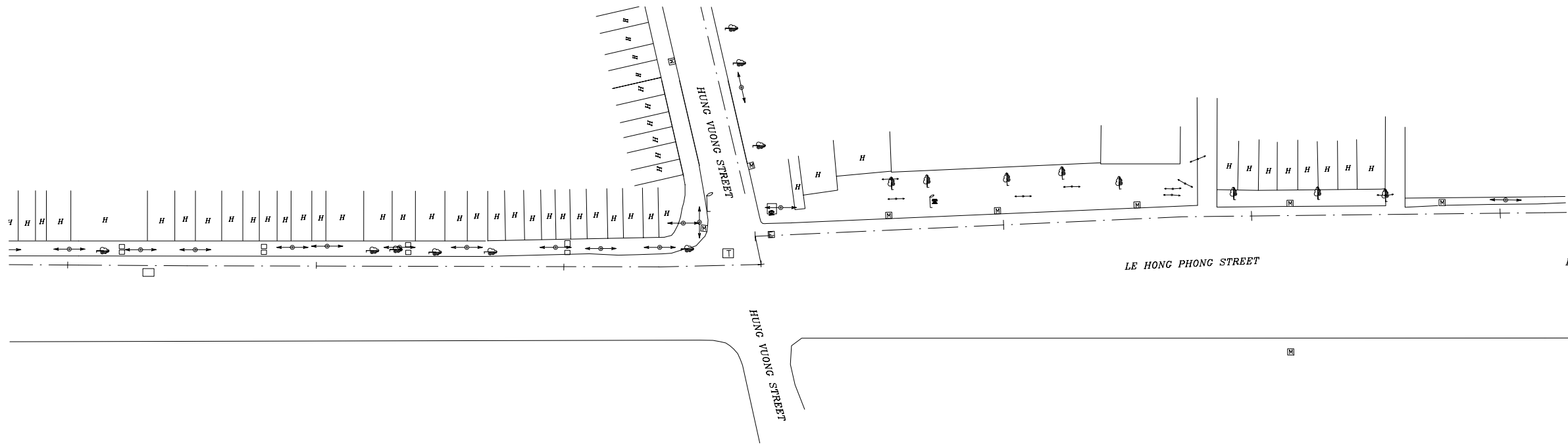
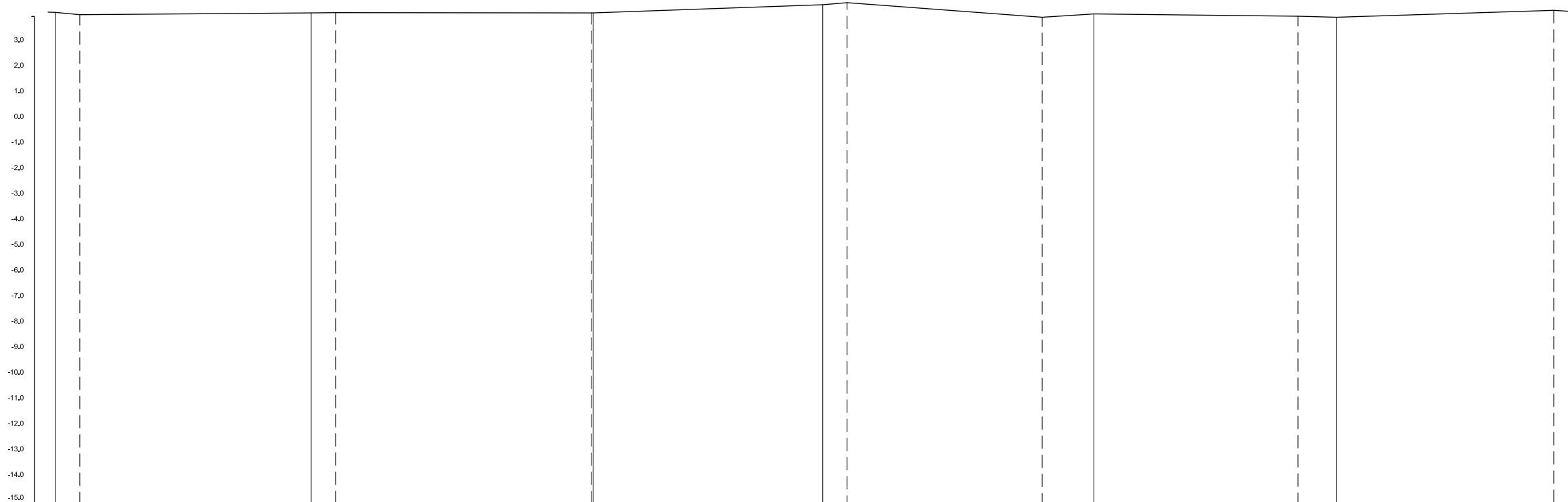


PLAN S = 1/500

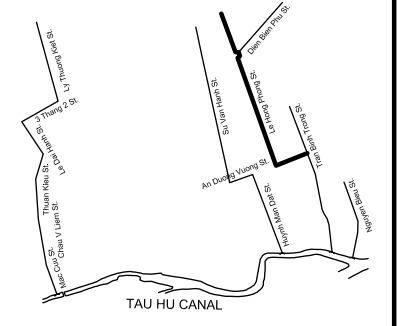


PROFILE S_H = 1/500, S_V = 1/100

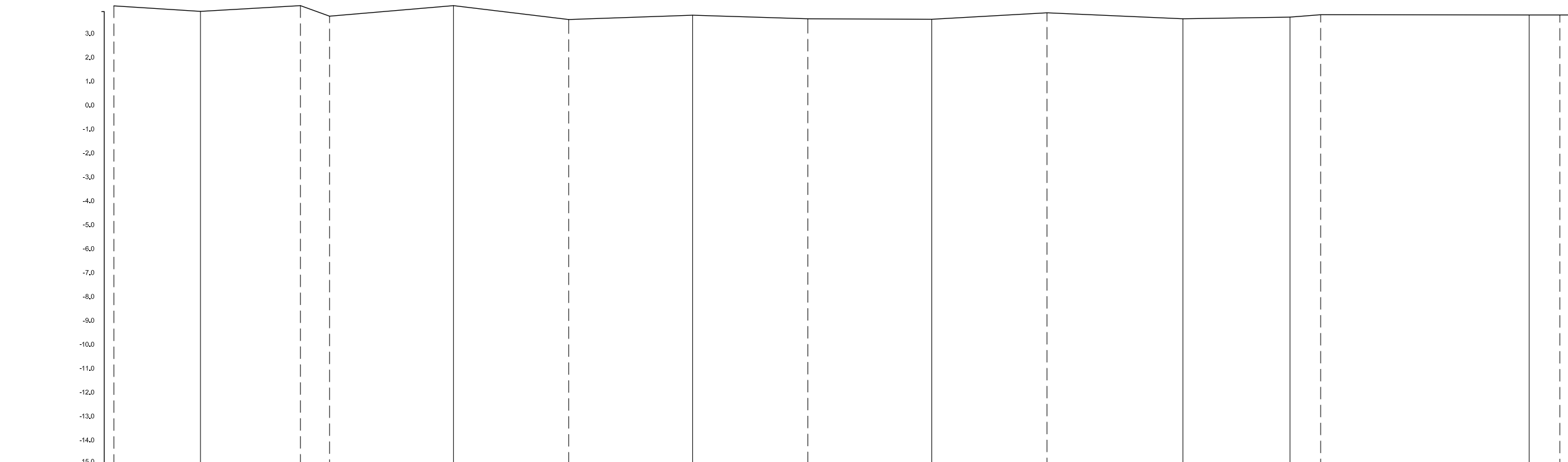
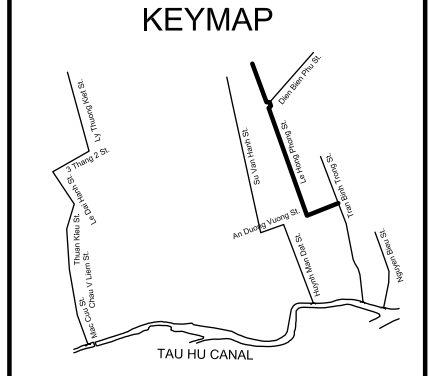
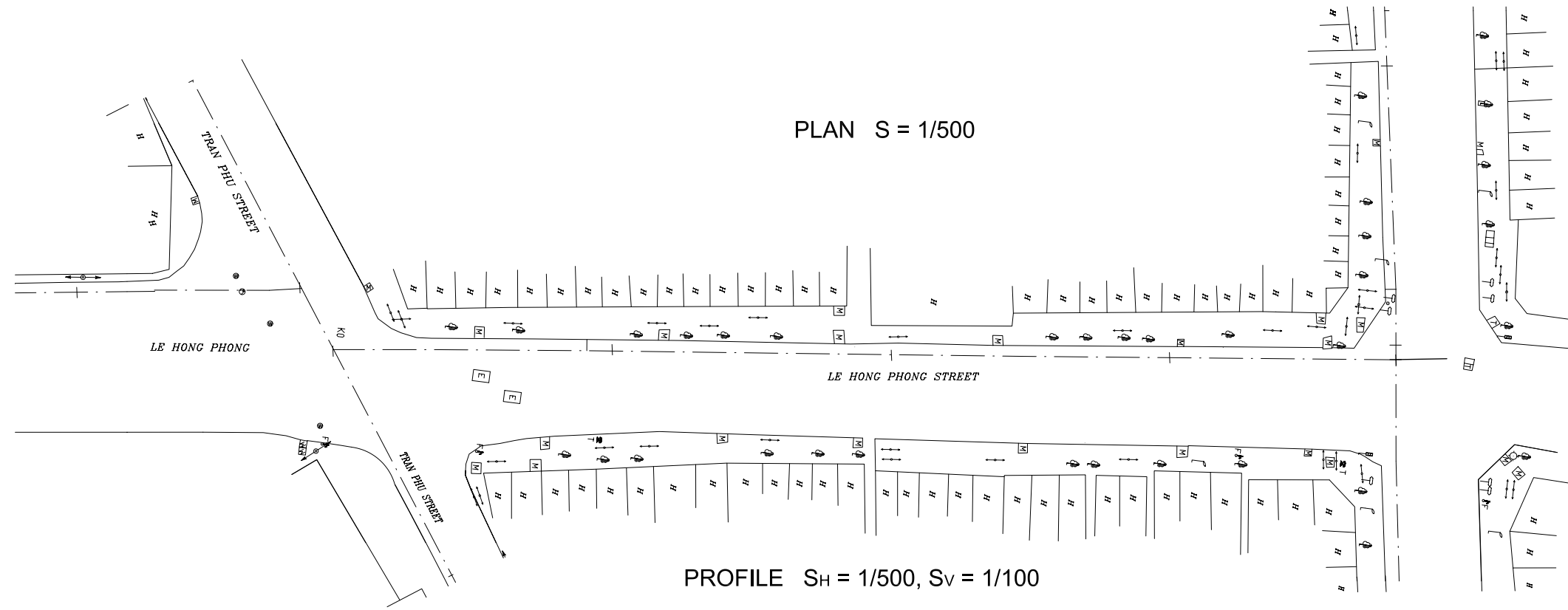


Manhole Number												
Diameter (mm)												
Gradient (‰)												
Length (m)												
Existing Ground Elevation (m)	4.16 4.07	4.14 4.15	4.14 4.14	4.46 4.54	3.97	4.10	4.01 3.97	4.24				
Earth Covering (m)												
Invert Elevation (m)												
Total Accumulation Length (m)	887.4 892.2	937.4 942.2	992.2 992.5	1037.4 1042.2	1080.3	1080.4	1130.3 1137.8	1180.3				



KEYMAP



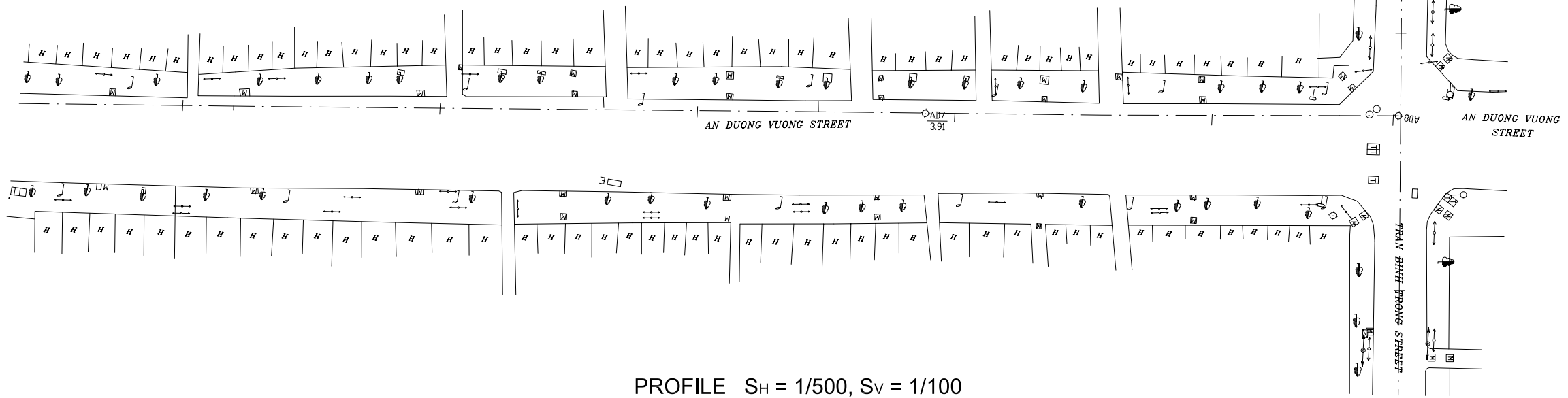
NO.	DATE	DESCRIPTIONS	BY	APPRO.
REVISIONS				
PROJECT MANAGEMENT UNIT FOR HO CHI MINH CITY WATER ENVIRONMENT IMPROVEMENT				
THE DETAILED DESIGN ON HO CHI MINH CITY WATER ENVIRONMENT IMPROVEMENT PROJECT IN THE SOCIALIST REPUBLIC OF VIET NAM				
PACKAGE D EXISTING COMBINED SEWER IMPROVEMENT PLAN AND LONGITUDINAL SURVEY OF EXISTING COMBINED SEWER ROUTE (4)				
SCALE : As Shown				
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)				
PACIFIC CONSULTANTS INTERNATIONAL				
DESIGNED			CHECKED	
DATE :			DWG. No.	



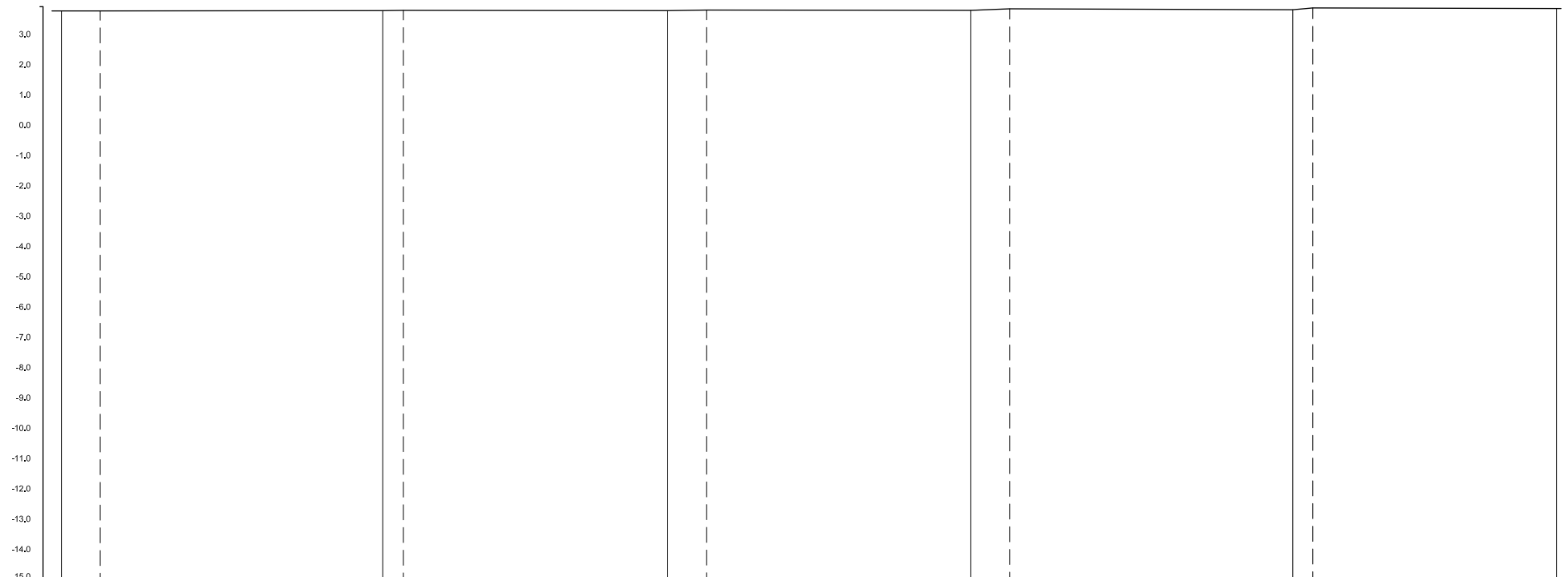
Manhole Number															
Diameter (mm)															
Gradient (‰)															
Length (m)															
Existing Ground Elevation (m)	4.24	4.01	4.25	3.81	4.25	3.67	3.85	3.70	3.68	3.95	3.70	3.77	3.87	3.86	3.86
Earth Covering (m)															
Invert Elevation (m)															
Total Accumulation Length (m)	1180.3	1196.4	1219.3	1225.4	1251.3	1275.4	1301.3	1325.4	1351.3	1375.4	1403.8	1426.2	1432.6	1476.2	1482.6

NO.	DATE	DESCRIPTIONS	BY	APPRO.
REVISIONS				
PROJECT MANAGEMENT UNIT FOR HO CHI MINH CITY WATER ENVIRONMENT IMPROVEMENT				
THE DETAILED DESIGN ON HO CHI MINH CITY WATER ENVIRONMENT IMPROVEMENT PROJECT IN THE SOCIALIST REPUBLIC OF VIET NAM				
PACKAGE D EXISTING COMBINED SEWER IMPROVEMENT PLAN AND LONGITUDINAL SURVEY OF EXISTING COMBINED SEWER ROUTE (5)				
SCALE : As Shown				
 JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)				
 PACIFIC CONSULTANTS INTERNATIONAL				
DESIGNED		CHECKED		
DATE :		DWG. No.		

PLAN S = 1/500

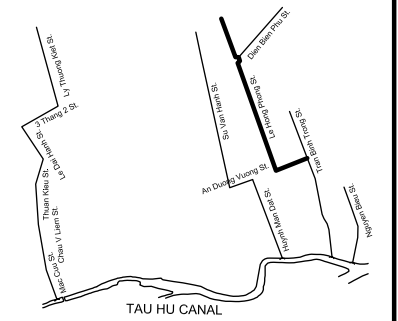


PROFILE S_H = 1/500, S_V = 1/100

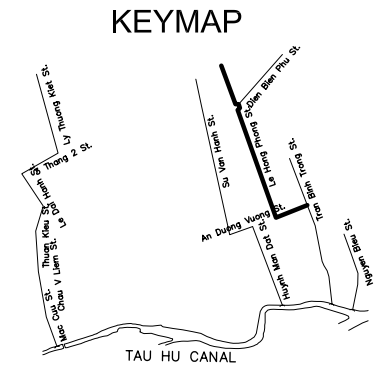
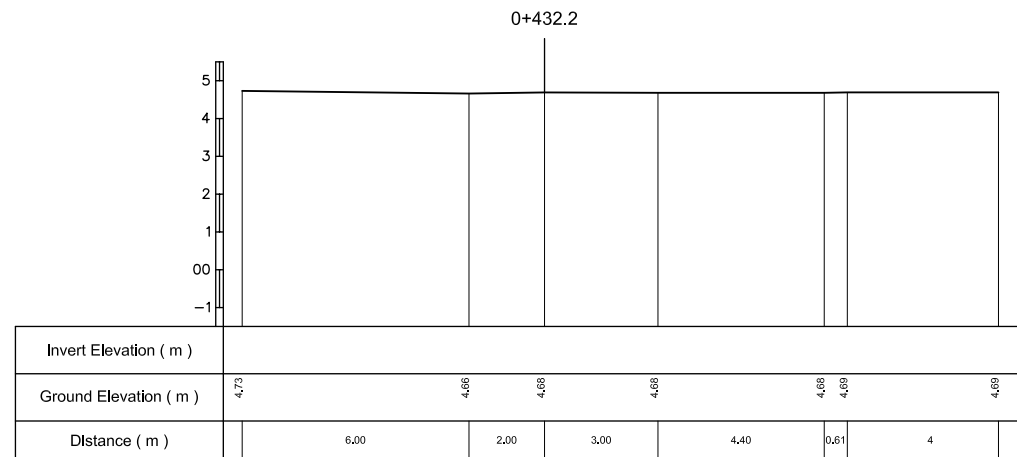
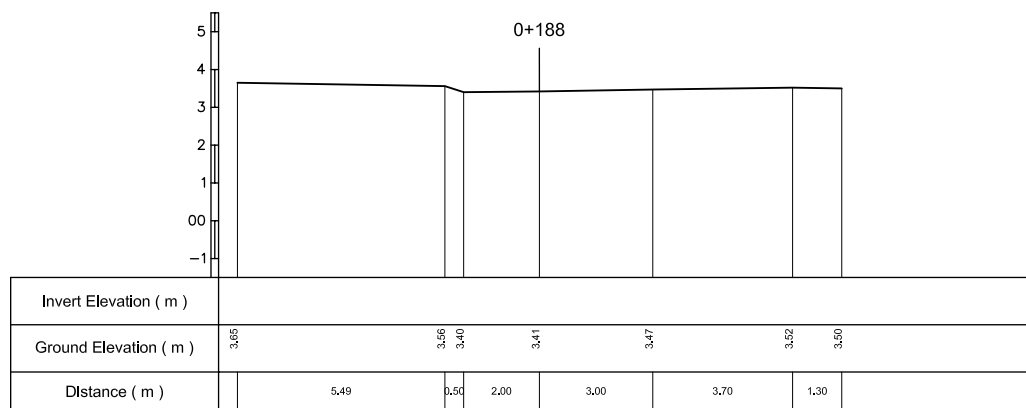
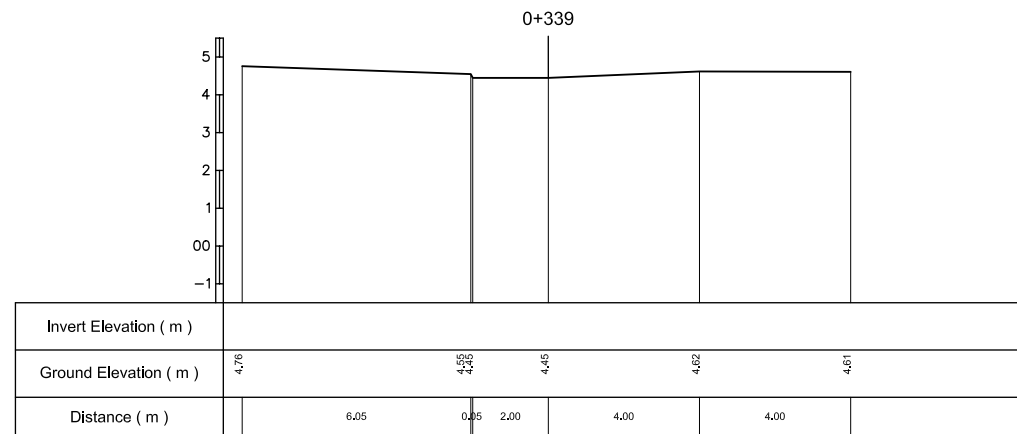
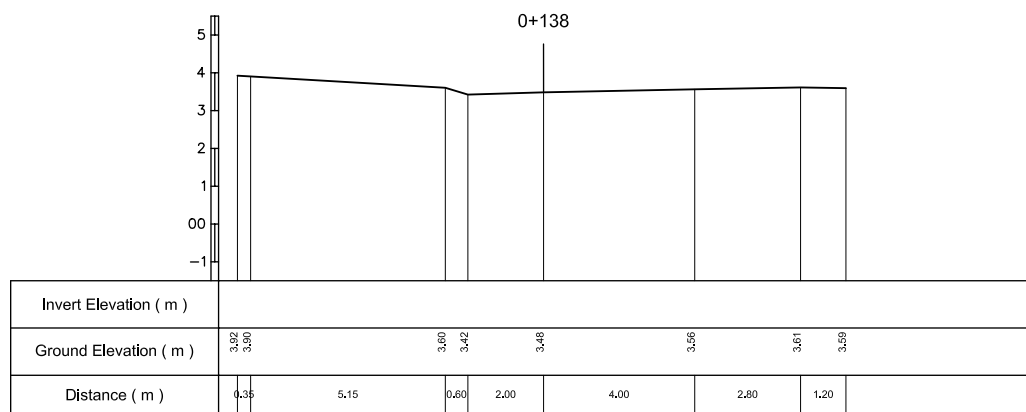
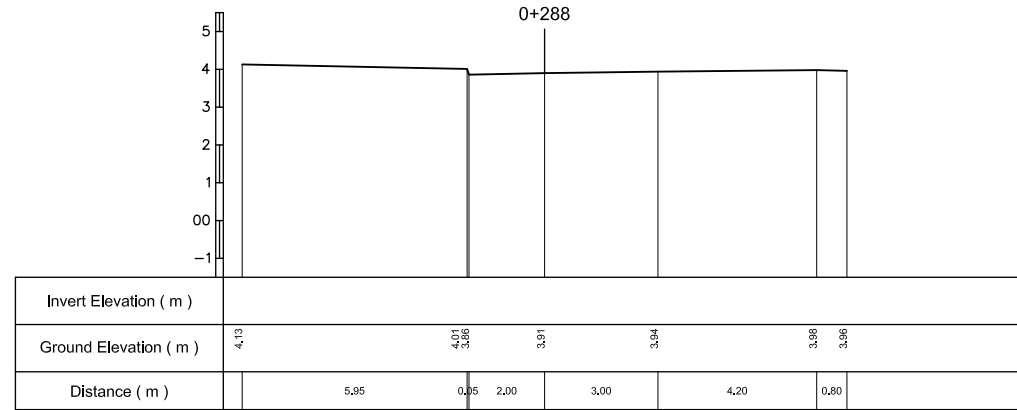
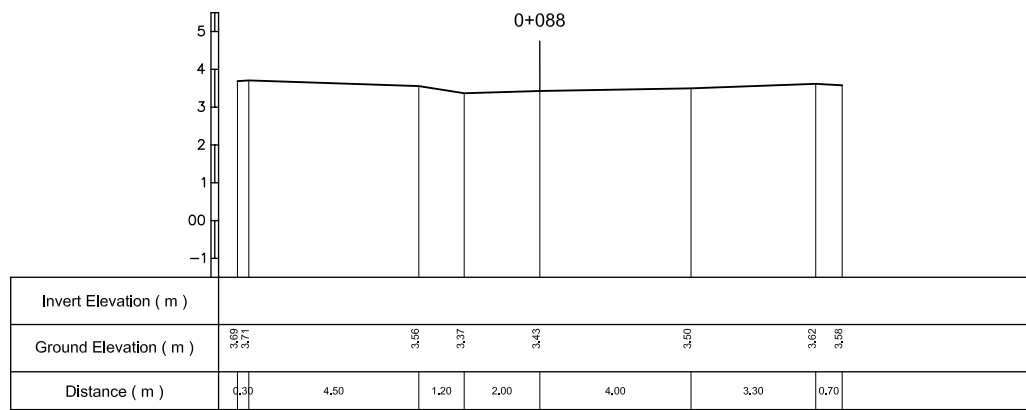
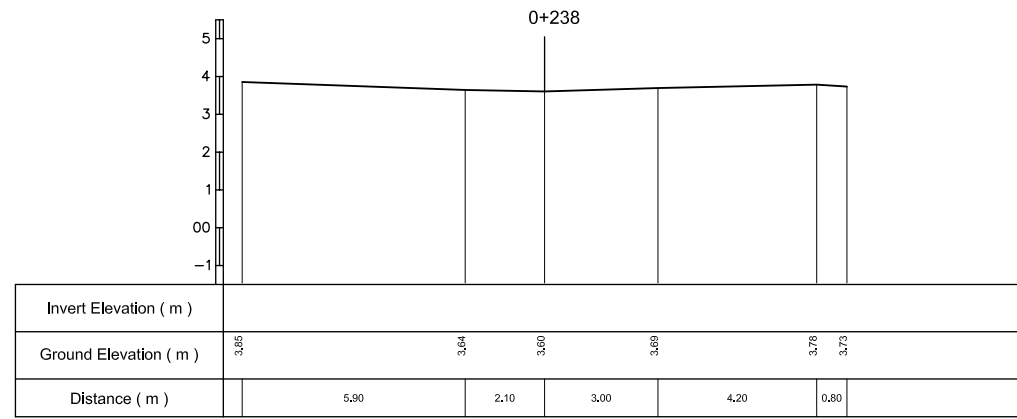
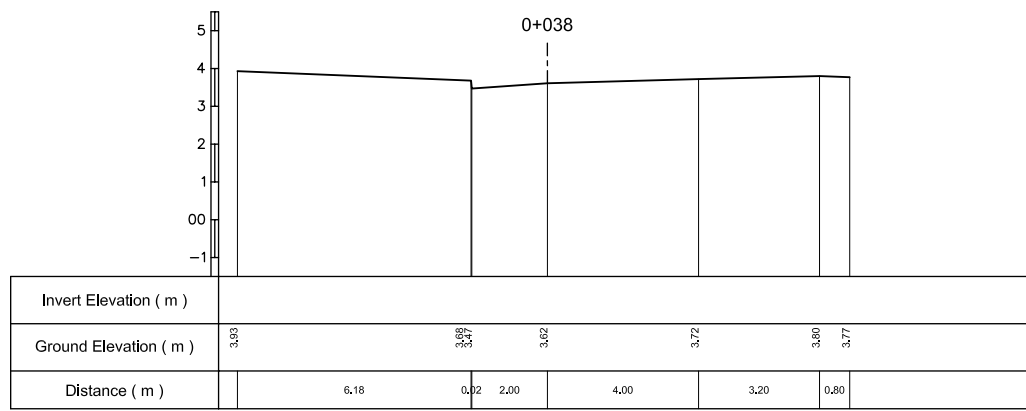


Manhole Number											
Diameter (mm)											
Gradient (‰)											
Length (m)											
Existing Ground Elevation (m)	3.86	3.86	3.87	3.88	3.87	3.89	3.88	3.93	3.90	3.96	3.94
Earth Covering (m)											
Invert Elevation (m)											
Total Accumulation Length (m)	1476.2	1482.6	1529.2	1532.6	1576.2	1582.6	1626.2	1632.6	1679.3	1682.6	1722.8

KEYMAP



NO.	DATE	DESCRIPTIONS	BY	APRO.
REVISIONS				
PROJECT MANAGEMENT UNIT FOR HO CHI MINH CITY WATER ENVIRONMENT IMPROVEMENT				
THE DETAILED DESIGN ON HO CHI MINH CITY WATER ENVIRONMENT IMPROVEMENT PROJECT IN THE SOCIALIST REPUBLIC OF VIET NAM				
PACKAGE D EXISTING COMBINED SEWER IMPROVEMENT PLAN AND LONGITUDINAL SURVEY OF EXISTING COMBINED SEWER ROUTE (6)				
SCALE : As Shown				
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)		PACIFIC CONSULTANTS INTERNATIONAL		
DESIGNED		CHECKED		
DATE :		DWG. No.		



NO.	DATE	DESCRIPTIONS	BY	APPRO.
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REVISIONS

PROJECT MANAGEMENT UNIT FOR
HO CHI MINH CITY
WATER ENVIRONMENT IMPROVEMENT

THE DETAILED DESIGN ON HO CHI MINH CITY
WATER ENVIRONMENT IMPROVEMENT PROJECT
IN THE SOCIALIST REPUBLIC OF VIET NAM

CROSS SECTION SURVEY OF
EXISTING COMBINED SEWER
ROUTE (1)

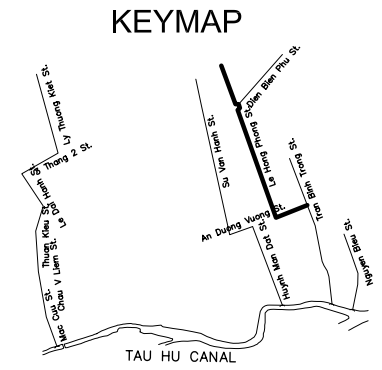
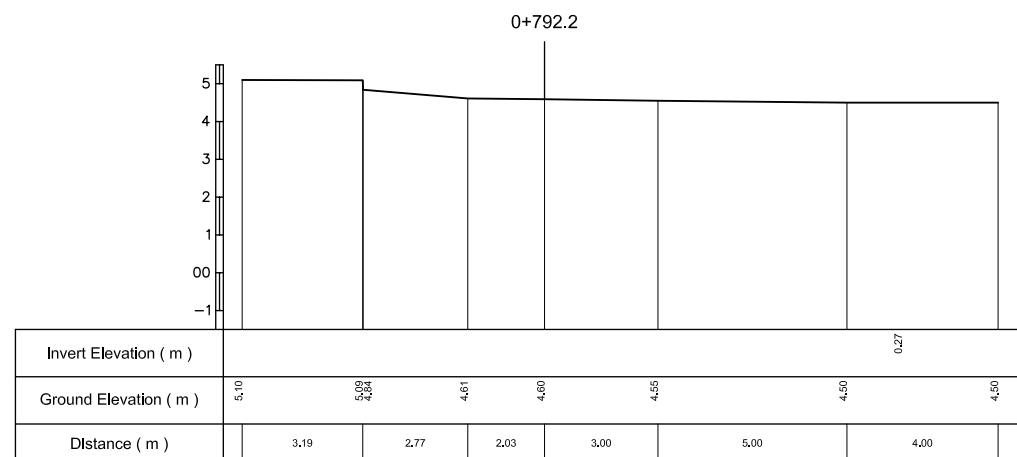
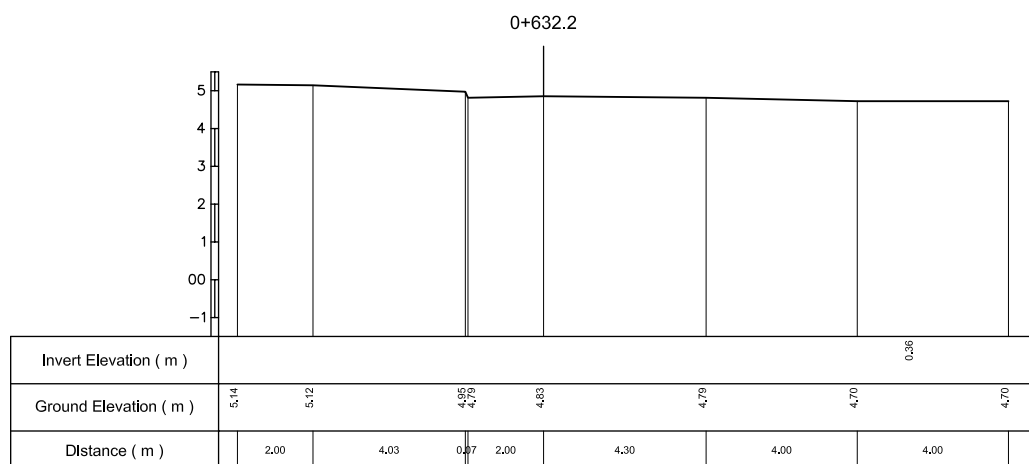
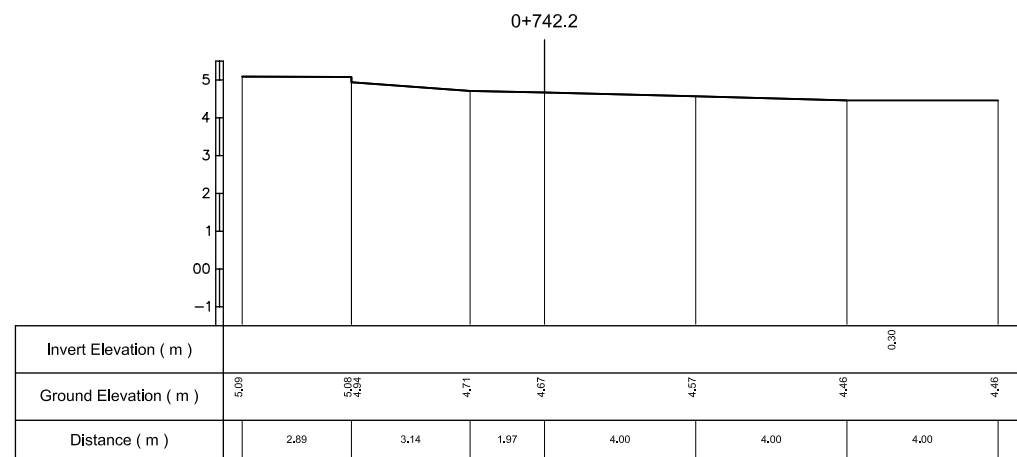
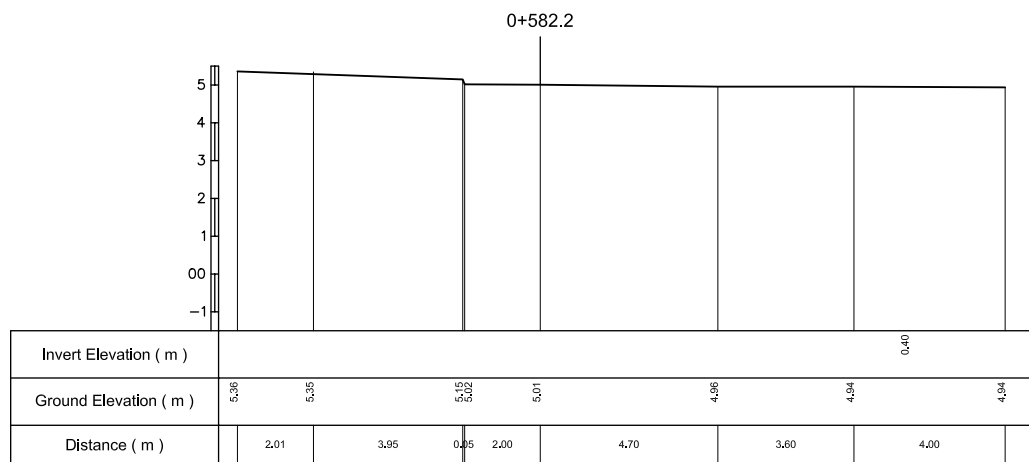
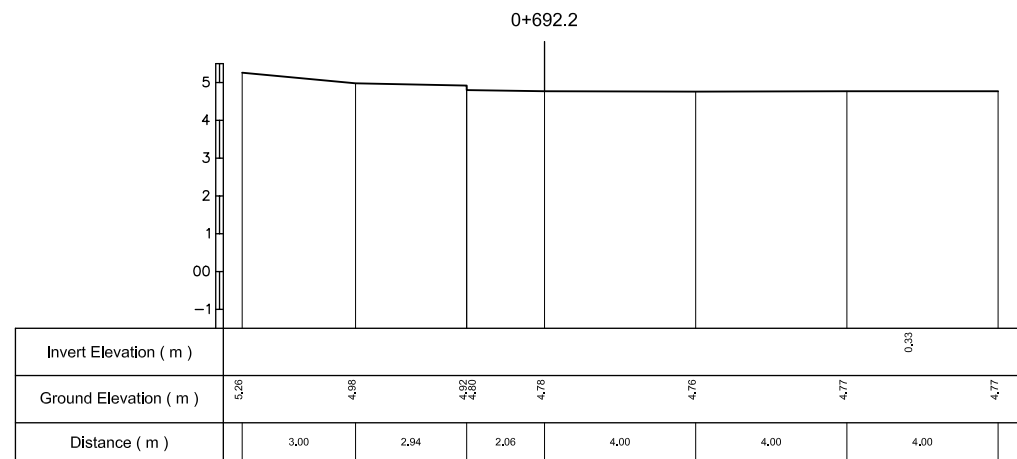
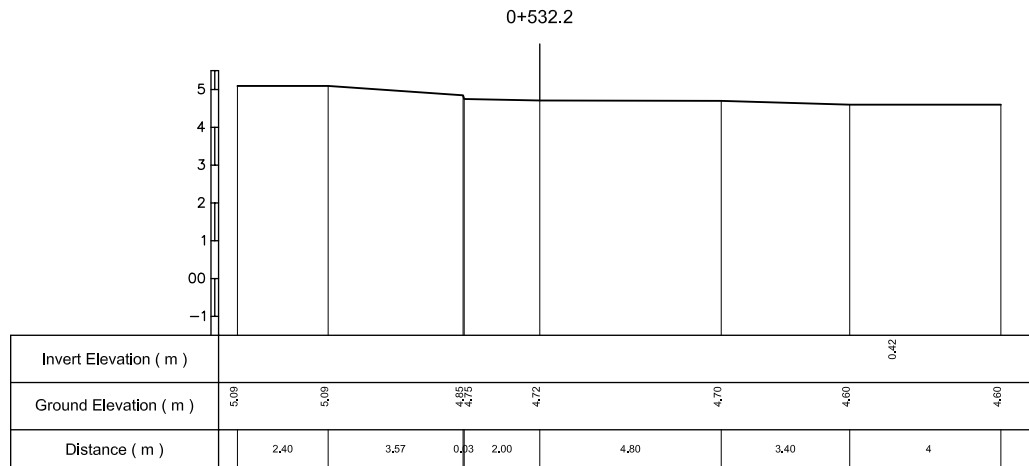
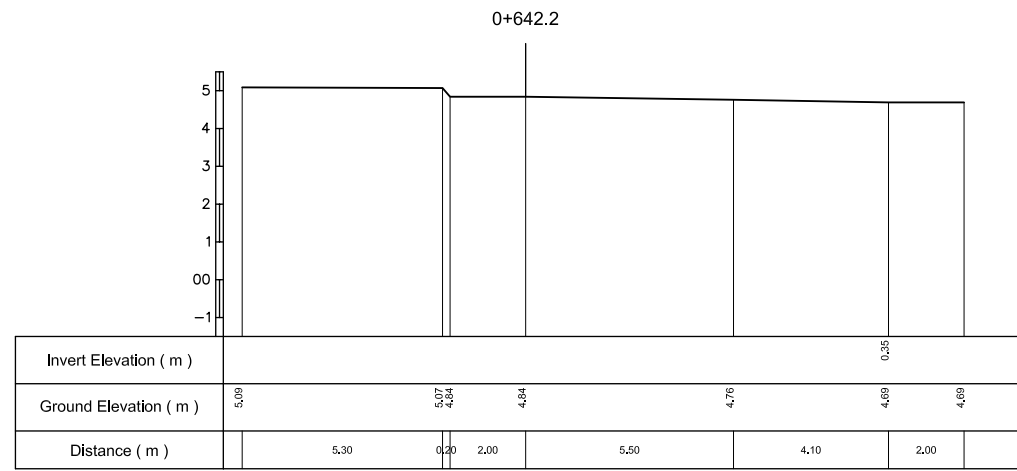
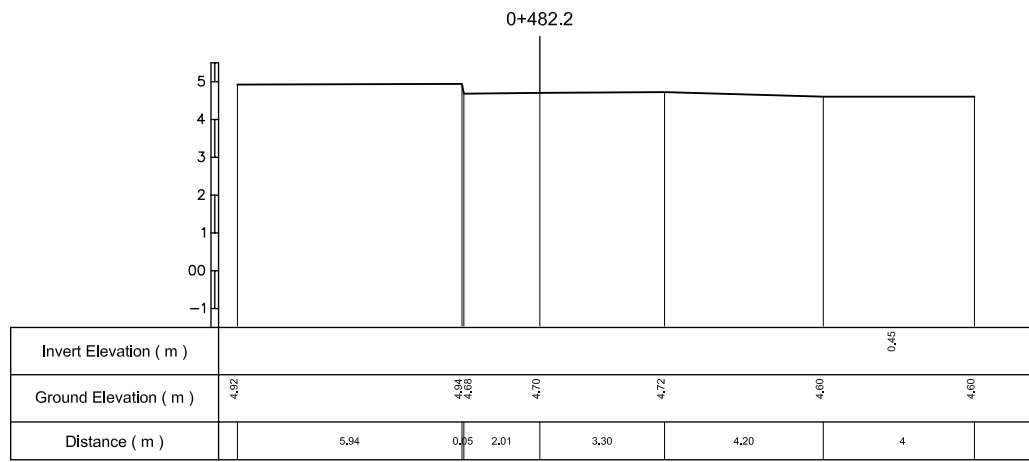
SCALE : 1 / 100

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AGENCY (JICA)

PACIFIC CONSULTANTS INTERNATIONAL

DESIGNED CHECKED

DATE : DWG. No.



NO.	DATE	DESCRIPTIONS	BY	APPRO.
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REVISIONS

PROJECT MANAGEMENT UNIT FOR
HO CHI MINH CITY
WATER ENVIRONMENT IMPROVEMENT

THE DETAILED DESIGN ON HO CHI MINH CITY
WATER ENVIRONMENT IMPROVEMENT PROJECT
IN THE SOCIALIST REPUBLIC OF VIET NAM

CROSS SECTION SURVEY OF
EXISTING COMBINED SEWER
ROUTE (2)

SCALE : 1 / 100

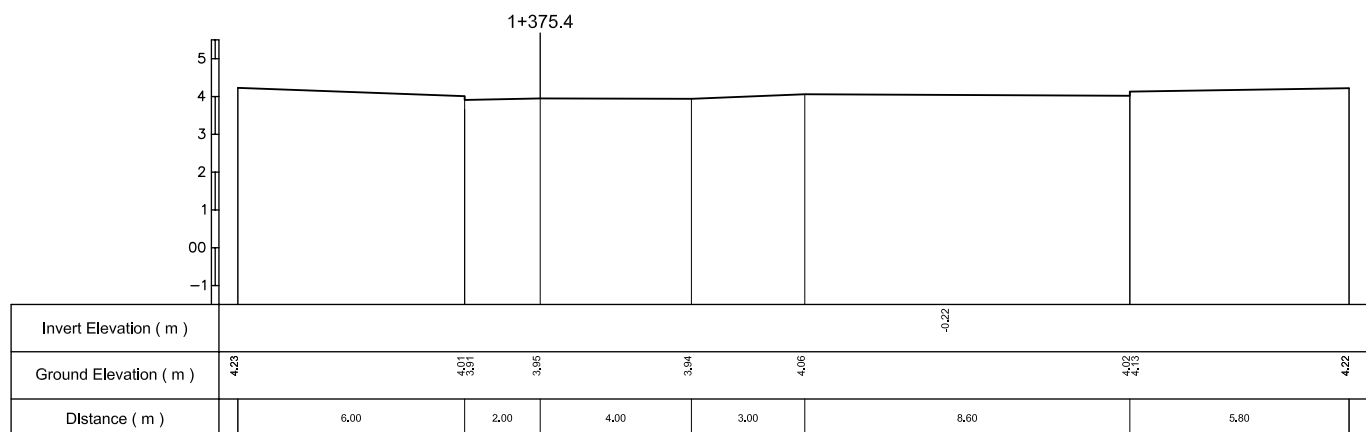
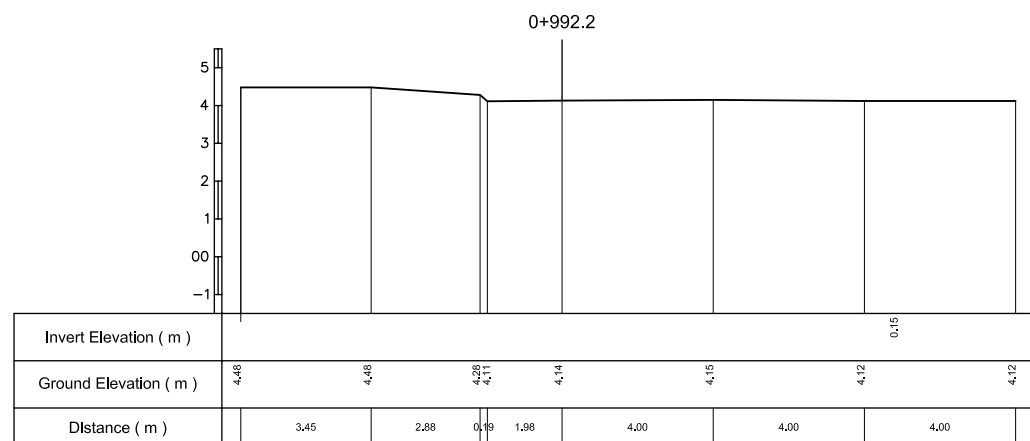
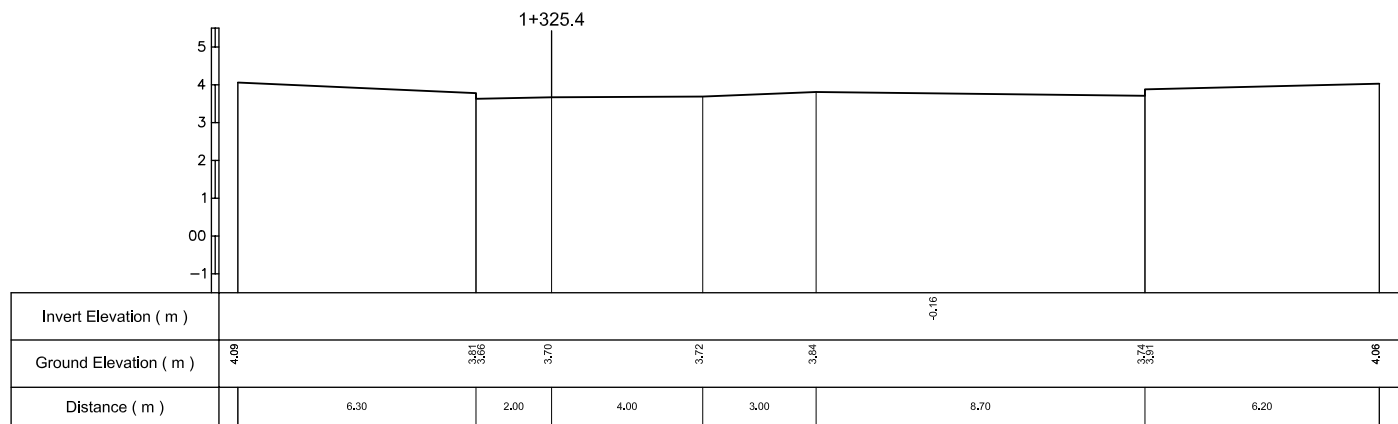
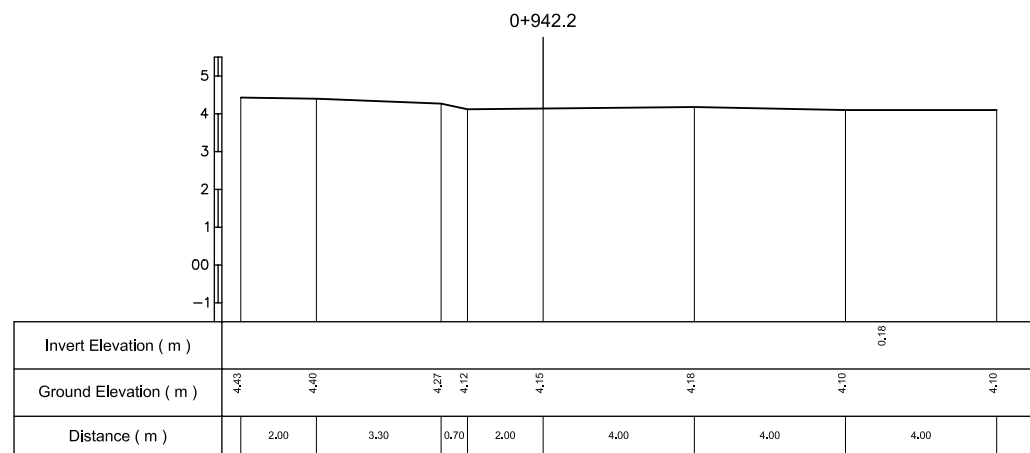
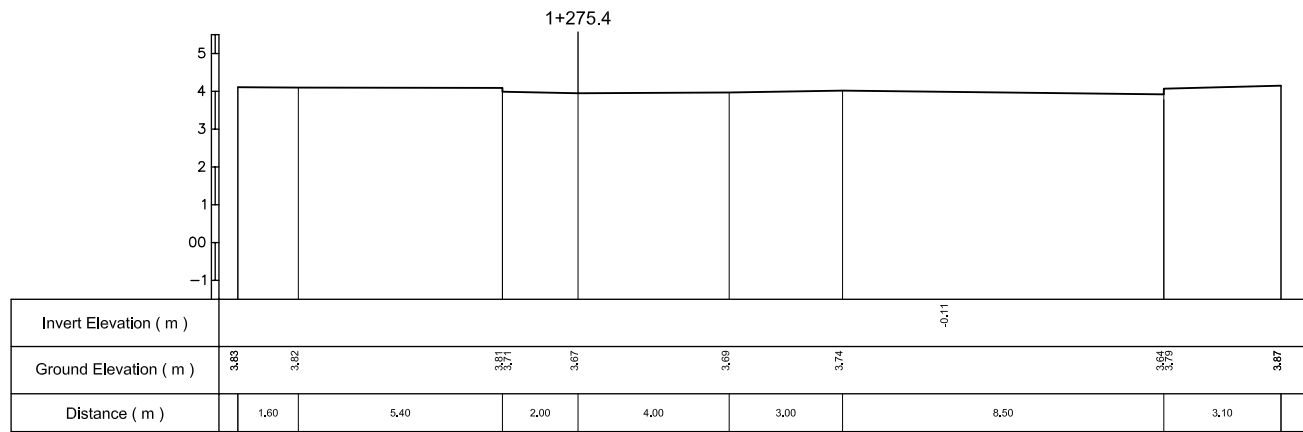
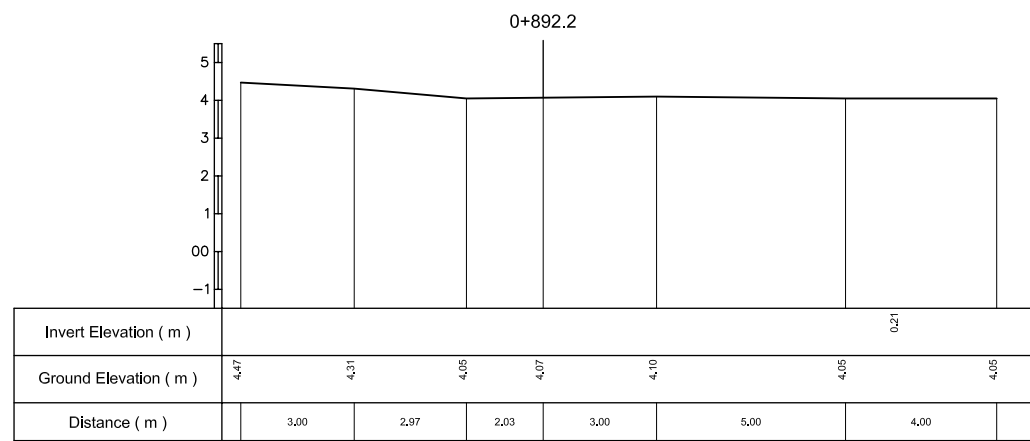
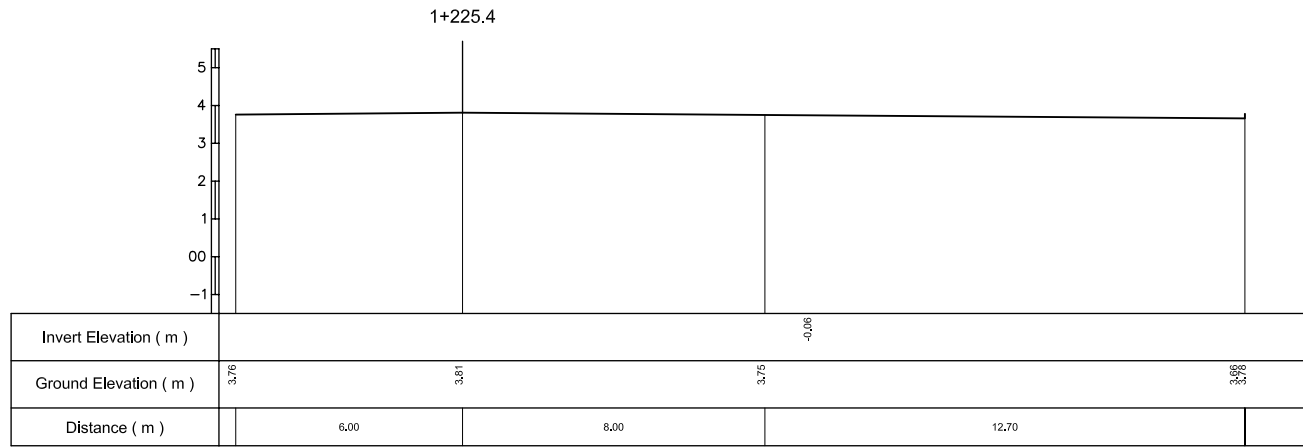
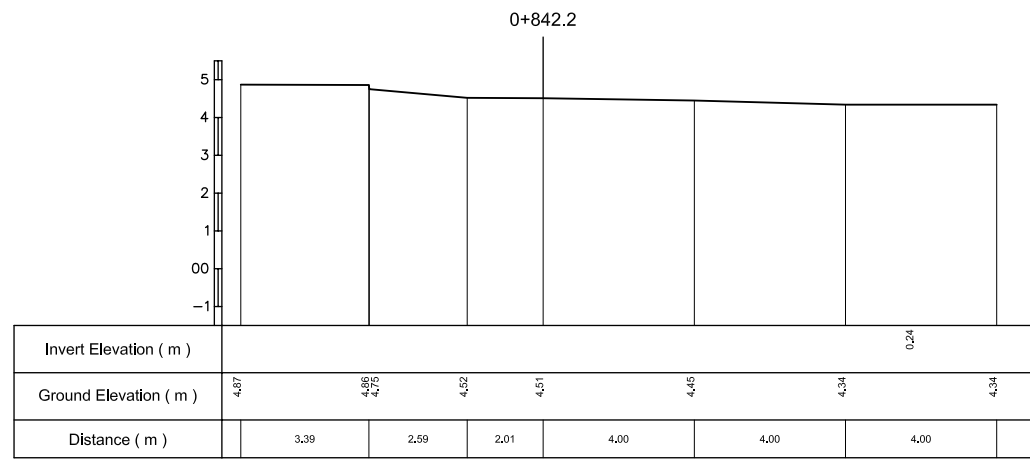
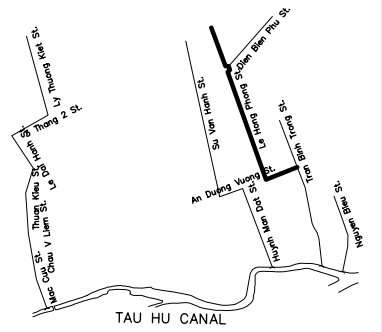
JICA JAPAN INTERNATIONAL COOPERATION
AGENCY (JICA)

PACIFIC CONSULTANTS INTERNATIONAL

DESIGNED CHECKED

DATE : DWG. No.

KEYMAP



NO.	DATE	DESCRIPTIONS	BY	APPRO.
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REVISIONS

PROJECT MANAGEMENT UNIT FOR
HO CHI MINH CITY
WATER ENVIRONMENT IMPROVEMENT

THE DETAILED DESIGN ON HO CHI MINH CITY
WATER ENVIRONMENT IMPROVEMENT PROJECT
IN THE SOCIALIST REPUBLIC OF VIET NAM

CROSS SECTION SURVEY OF
EXISTING COMBINED SEWER
ROUTE (3)

SCALE : 1 / 100

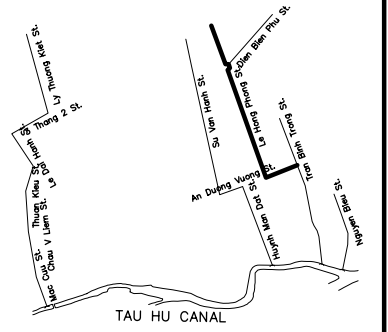
JICA JAPAN INTERNATIONAL COOPERATION
AGENCY (JICA)

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DATE : DWG. No.

KEYMAP



TAU HU CANAL

NO.	DATE	DESCRIPTIONS	BY	APRO.

REVISIONS

PROJECT MANAGEMENT UNIT FOR
HO CHI MINH CITY
WATER ENVIRONMENT IMPROVEMENT

THE DETAILED DESIGN ON HO CHI MINH CITY
WATER ENVIRONMENT IMPROVEMENT PROJECT
IN THE SOCIALIST REPUBLIC OF VIET NAM

**CROSS SECTION SURVEY OF
EXISTING COMBINED SEWER
ROUTE (4)**

SCALE : 1 / 100

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

PACIFIC CONSULTANTS INTERNATIONAL

DESIGNED	CHECKED
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DATE :	DWG. No.
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