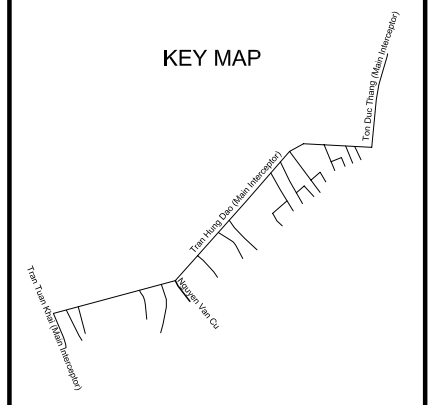
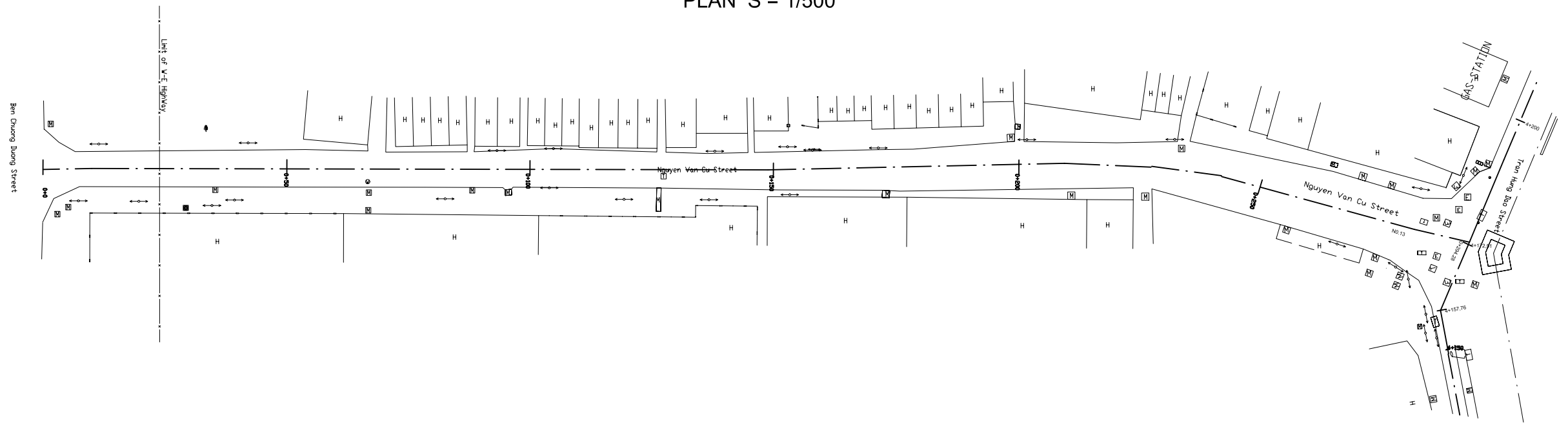
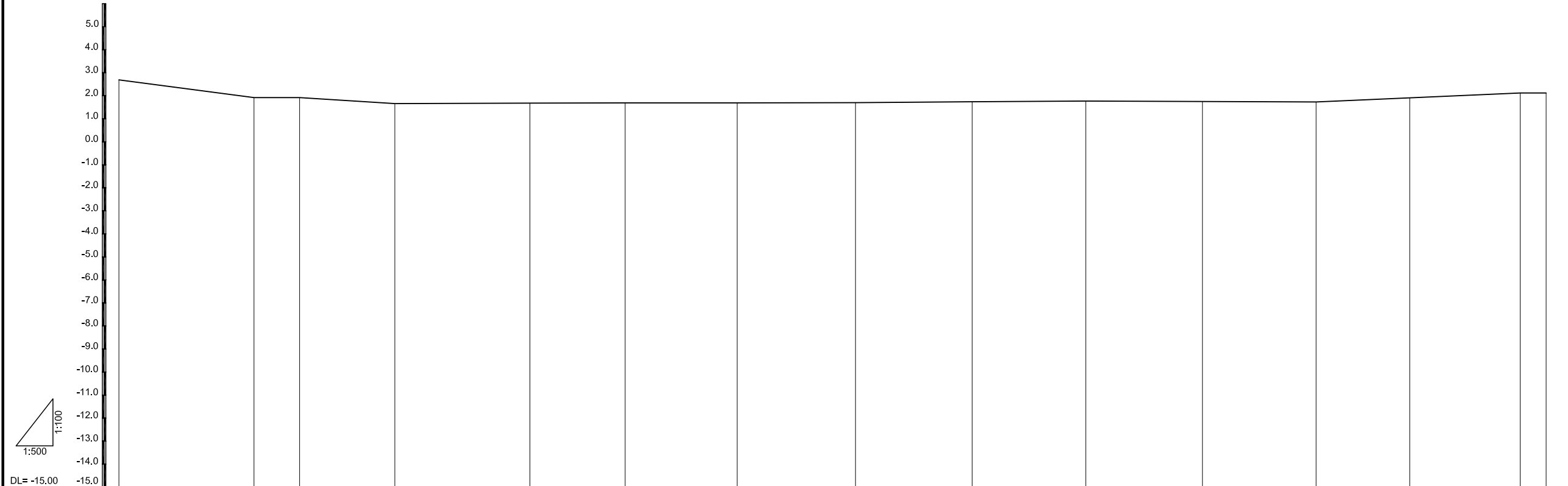


PLAN S = 1/500



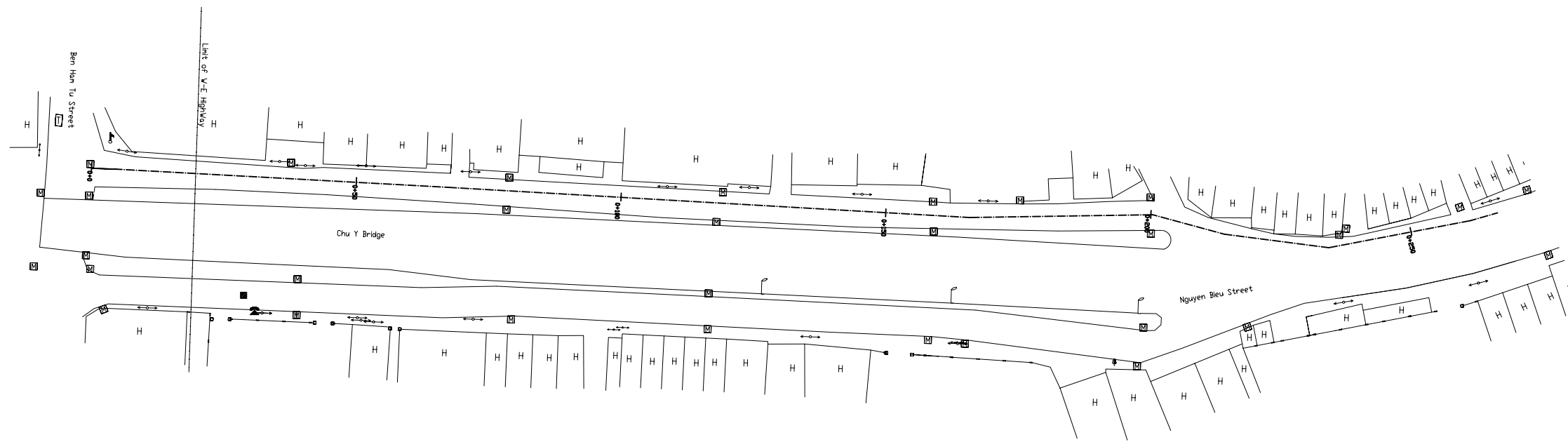
PROFILE S_H = 1/500, S_V = 1/100



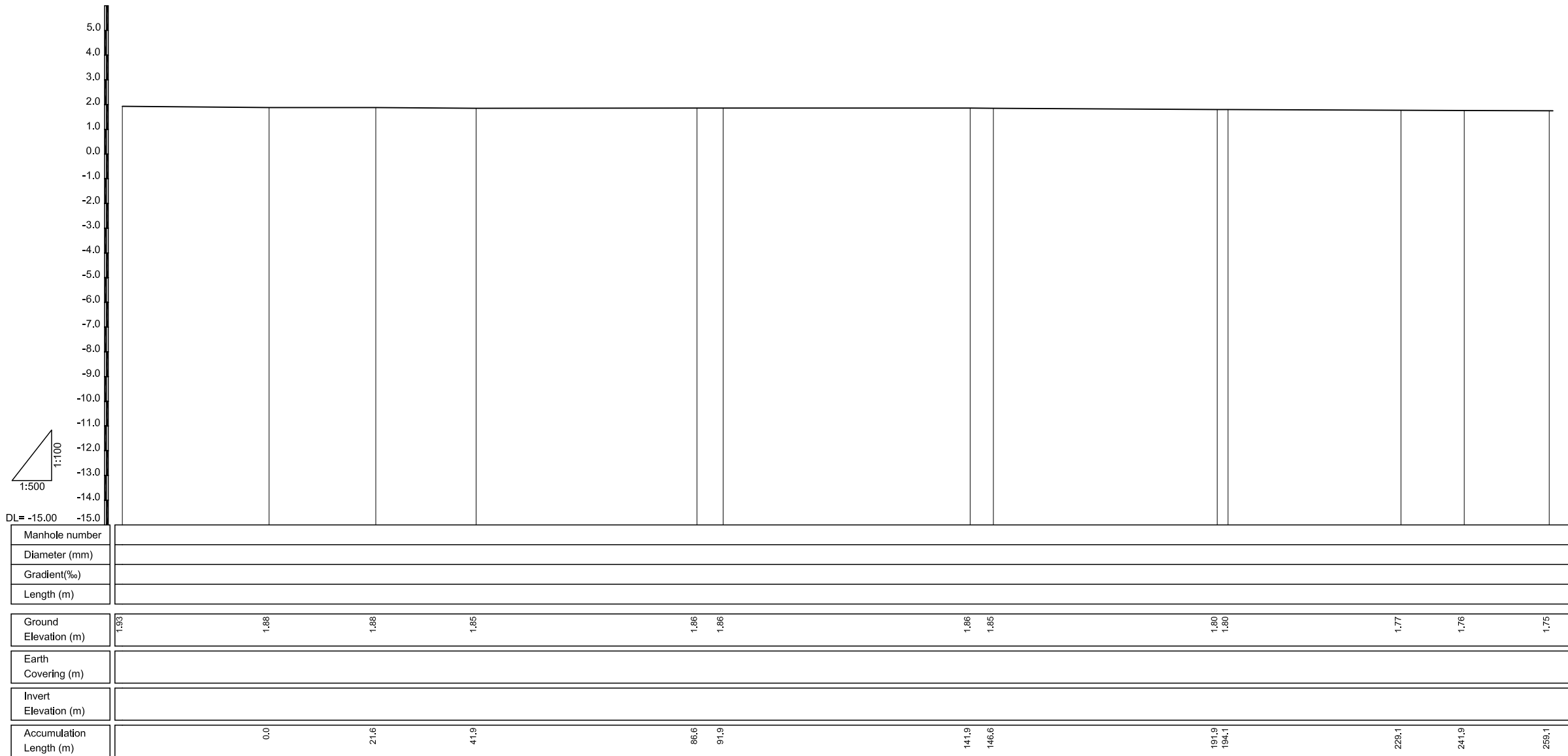
Manhole number															
Diameter (mm)															
Gradient (‰)															
Length (m)															
Ground Elevation (m)	2.00	1.92	1.92	1.66	1.68	1.69	1.69	1.70	1.74	1.77	1.75	1.73	1.91	2.12	2.12
Earth Covering (m)															
Invert Elevation (m)															
Accumulation Length (m)	0	0.0	9.9	30.6	59.9	80.6	104.9	130.6	155.9	180.6	205.9	230.6	250.9	274.9	280.5

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				
PLAN AND LONGITUDINAL SURVEY OF SECONDARY INTERCEPTOR SEWER ROUTE (20)				
SCALE : AS SHOWN				
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)				
PACIFIC CONSULTANTS INTERNATIONAL				
DESIGNED		CHECKED		
DATE :		DWG. No.		

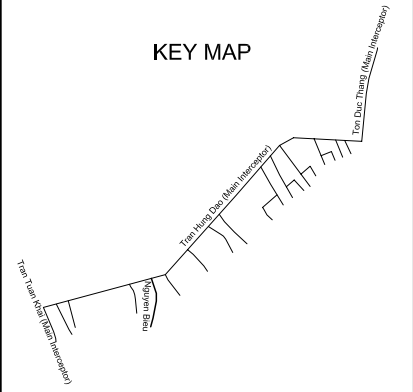
PLAN S = 1/500



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



KEY MAP



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

PLAN AND LONGITUDINAL SURVEY OF
SECONDARY INTERCEPTOR
SEWER ROUTE (21)

SCALE : AS SHOWN

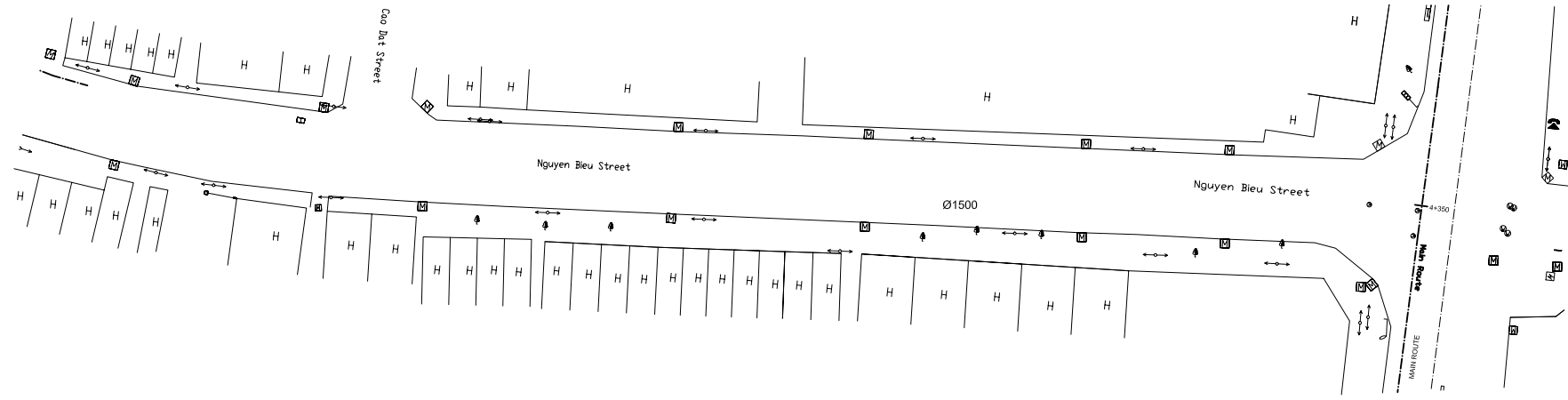
JICA JAPAN INTERNATIONAL COOPERATION
AGENCY (JICA)

PACIFIC CONSULTANTS INTERNATIONAL

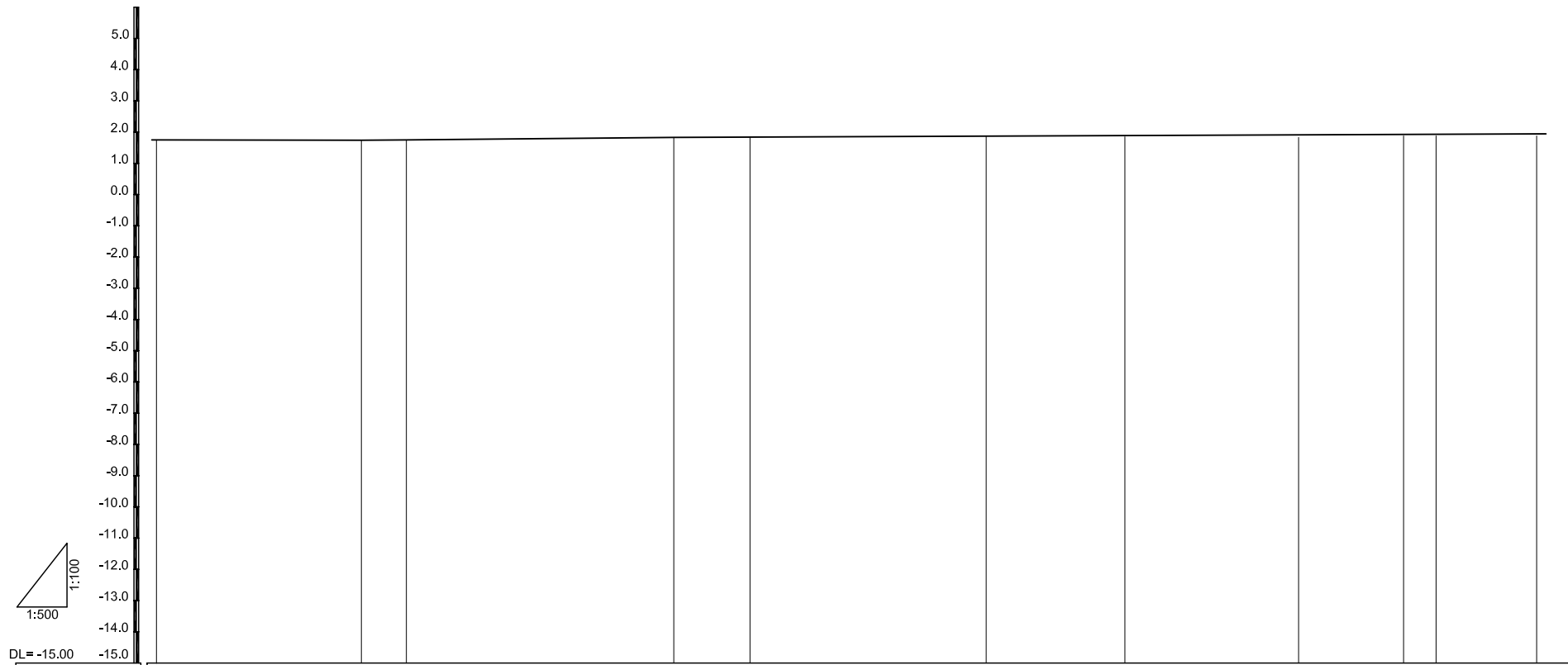
DESIGNED CHECKED

DATE : DWG. No.

PLAN S = 1/500

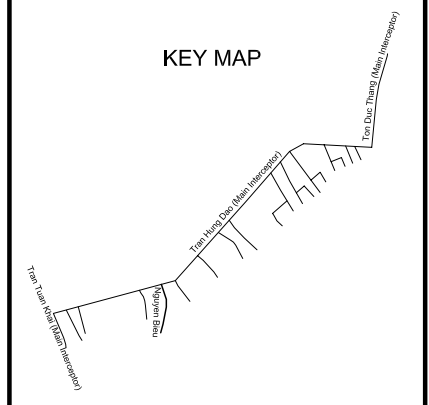


PROFILE S_H = 1/500, S_V = 1/100



Manhole number											
Diameter (mm)											
Gradient (%)											
Length (m)											
Ground Elevation (m)	1.75	1.74	1.75	1.83	1.84	1.86	1.85	1.83	1.88	1.88	1.88
Earth Covering (m)											
Invert Elevation (m)											
Accumulation Length (m)	289.1	291.9	293.1	341.9	354.1	391.9	414.1	441.9	458.7	463.9	480.0

KEY MAP



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REVISIONS

PROJECT MANAGEMENT UNIT FOR
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THE DETAILED DESIGN ON HO CHI MINH CITY
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PLAN AND LONGITUDINAL SURVEY OF
SECONDARY INTERCEPTOR
SEWER ROUTE (22)

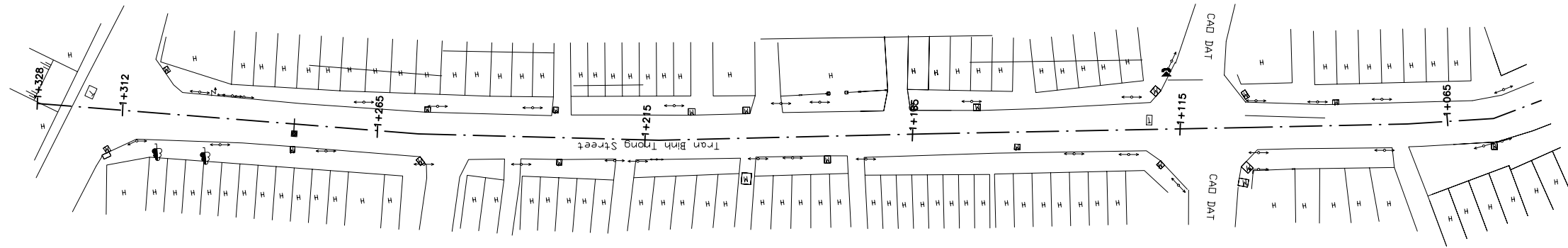
SCALE : AS SHOWN

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

PACIFIC CONSULTANTS INTERNATIONAL

DESIGNED	CHECKED
DATE :	DWG. No.

PLAN S = 1/500



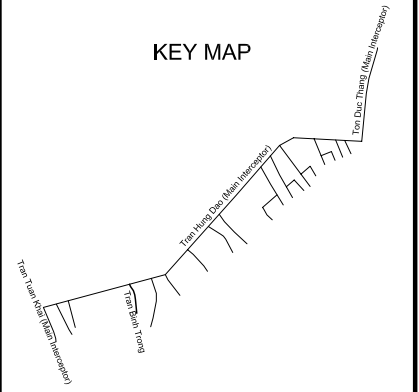
PROFILE S_H = 1/500, S_V = 1/100



1:500
1:100
DL = -15.00

Manhole number										
Diameter (mm)										
Gradient (‰)										
Length (m)										
Ground Elevation (m)	2.14	2.10	2.08	2.14	2.20	2.34	2.30	2.26	2.27	2.26
Earth Covering (m)										
Invert Elevation (m)										
Accumulation Length (m)	0.0	16.9	40.0	66.9	116.9	140.0	166.9	216.9	223.5	

KEY MAP



NO.	DATE	DESCRIPTIONS	BY	APPRO.
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REVISIONS

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

PLAN AND LONGITUDINAL SEWER OF
SECONDARY INTERCEPTO
SEWER ROUTE (23)

SCALE : AS SHOWN

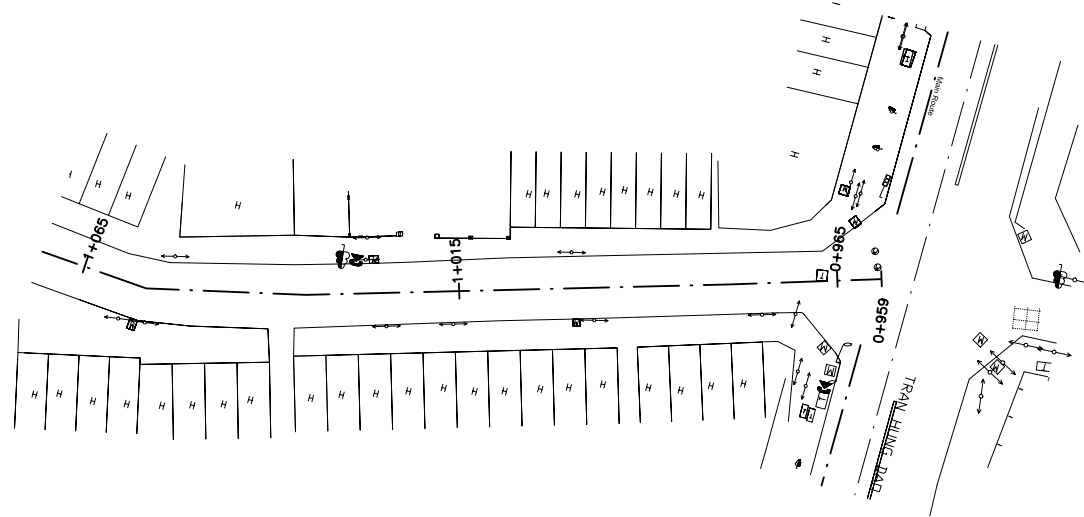
JICA JAPAN INTERNATIONAL COOPERATION
AGENCY (JICA)

PACIFIC CONSULTANTS INTERNATIONAL

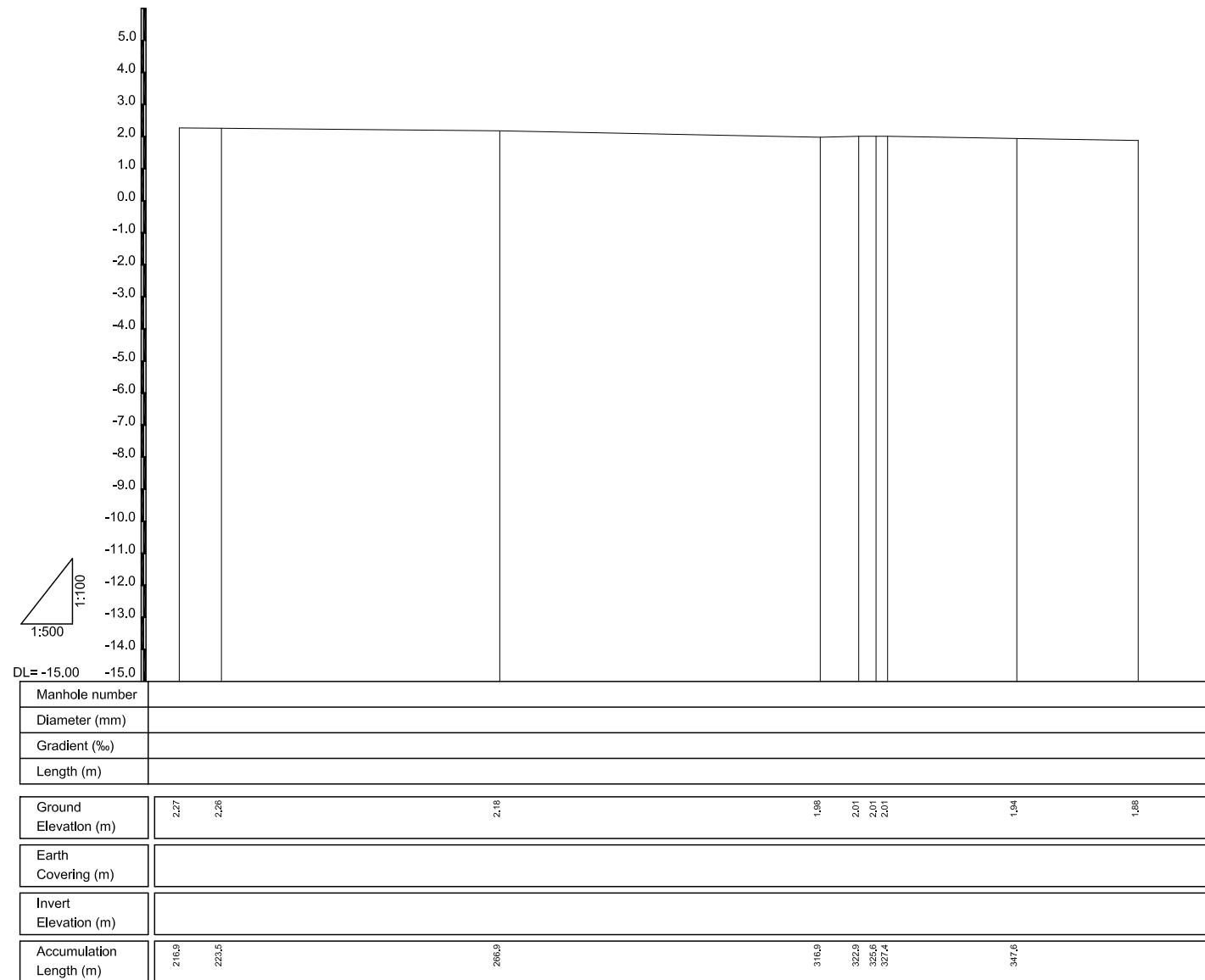
DESIGNED CHECKED

DATE : DWG. No.

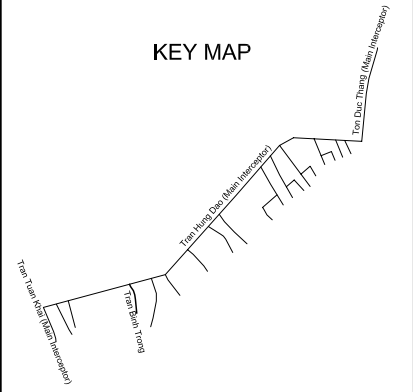
PLAN S = 1/500



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



KEY MAP



NO.	DATE	DESCRIPTIONS	BY	APPRO.

REVISIONS

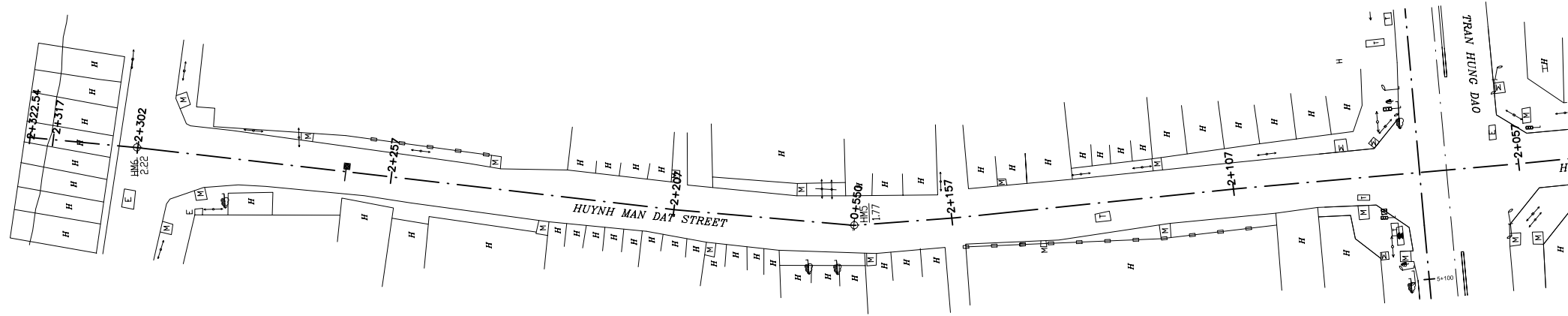
PROJECT MANAGEMENT UNIT FOR
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THE DETAILED DESIGN ON HO CHI MINH CITY
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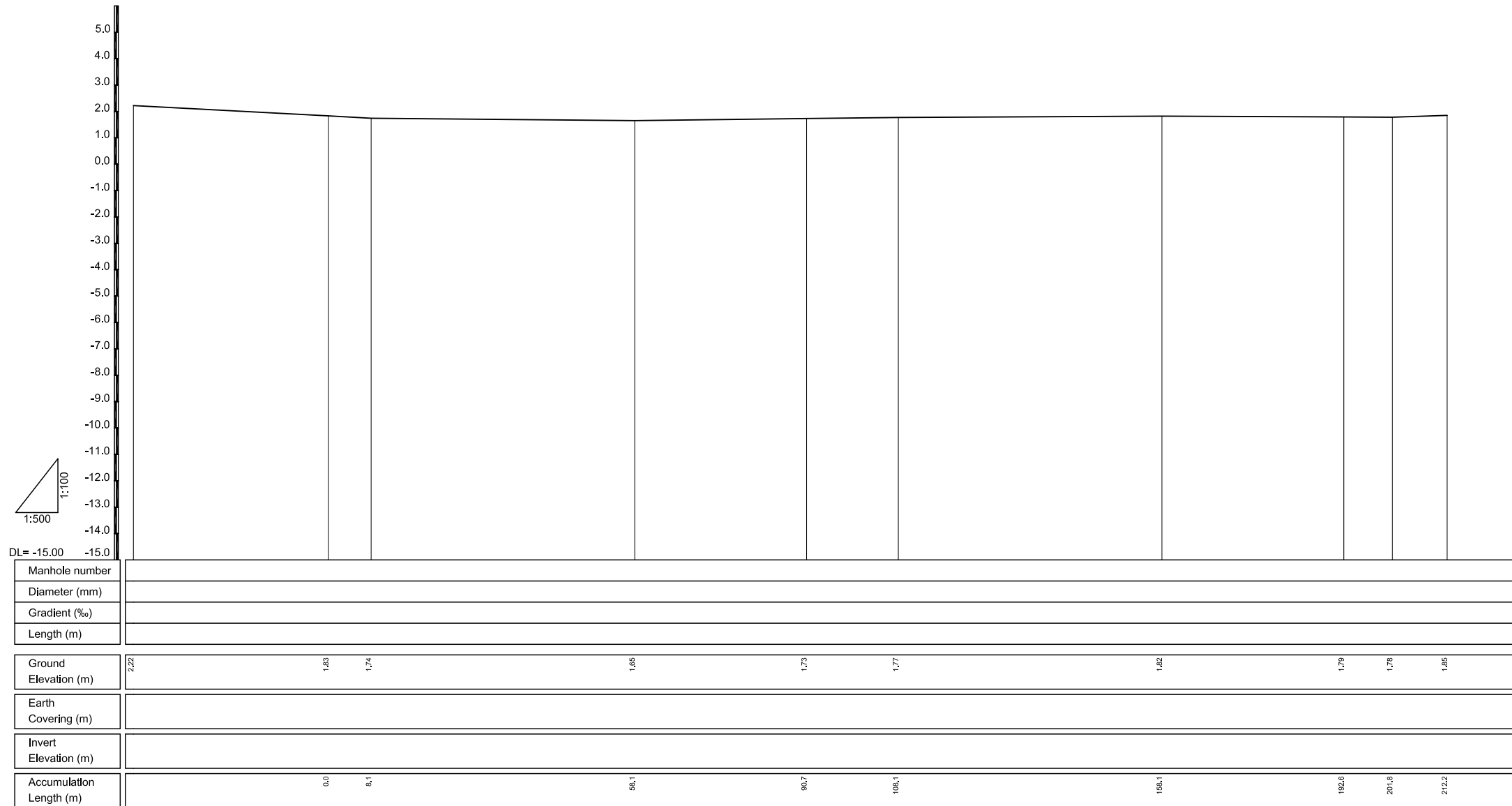
PLAN AND LONGITUDINAL SEWER OF
SECONDARY INTERCEPTO
SEWER ROUTE (24)

SCALE : AS SHOWN	
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	
PACIFIC CONSULTANTS INTERNATIONAL	
DESIGNED	CHECKED
DATE :	DWG. No.

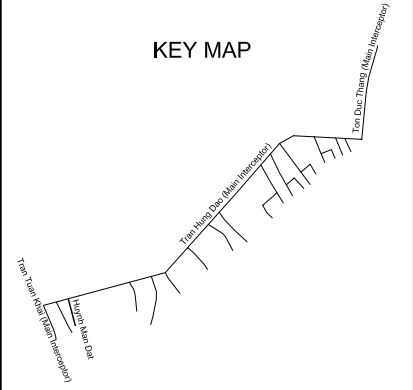
PLAN S = 1/500



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



KEY MAP



NO.	DATE	DESCRIPTIONS	BY	APPRO.

REVISIONS

PROJECT MANAGEMENT UNIT FOR
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THE DETAILED DESIGN ON HO CHI MINH CITY
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IN THE SOCIALIST REPUBLIC OF VIET NAM

PLAN AND LONGITUDINAL SURVEY OF
SECONDARY INTERCEPTOR
SEWER ROUTE (25)

SCALE : AS SHOWN

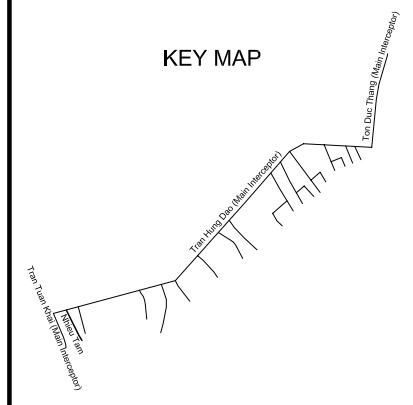
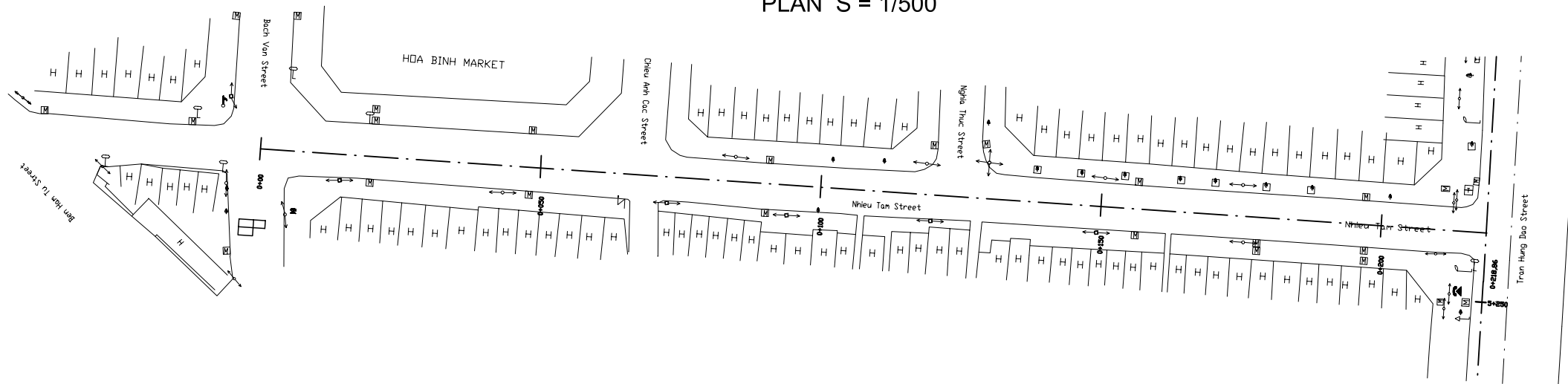
JICA JAPAN INTERNATIONAL COOPERATION
AGENCY (JICA)

PACIFIC CONSULTANTS INTERNATIONAL

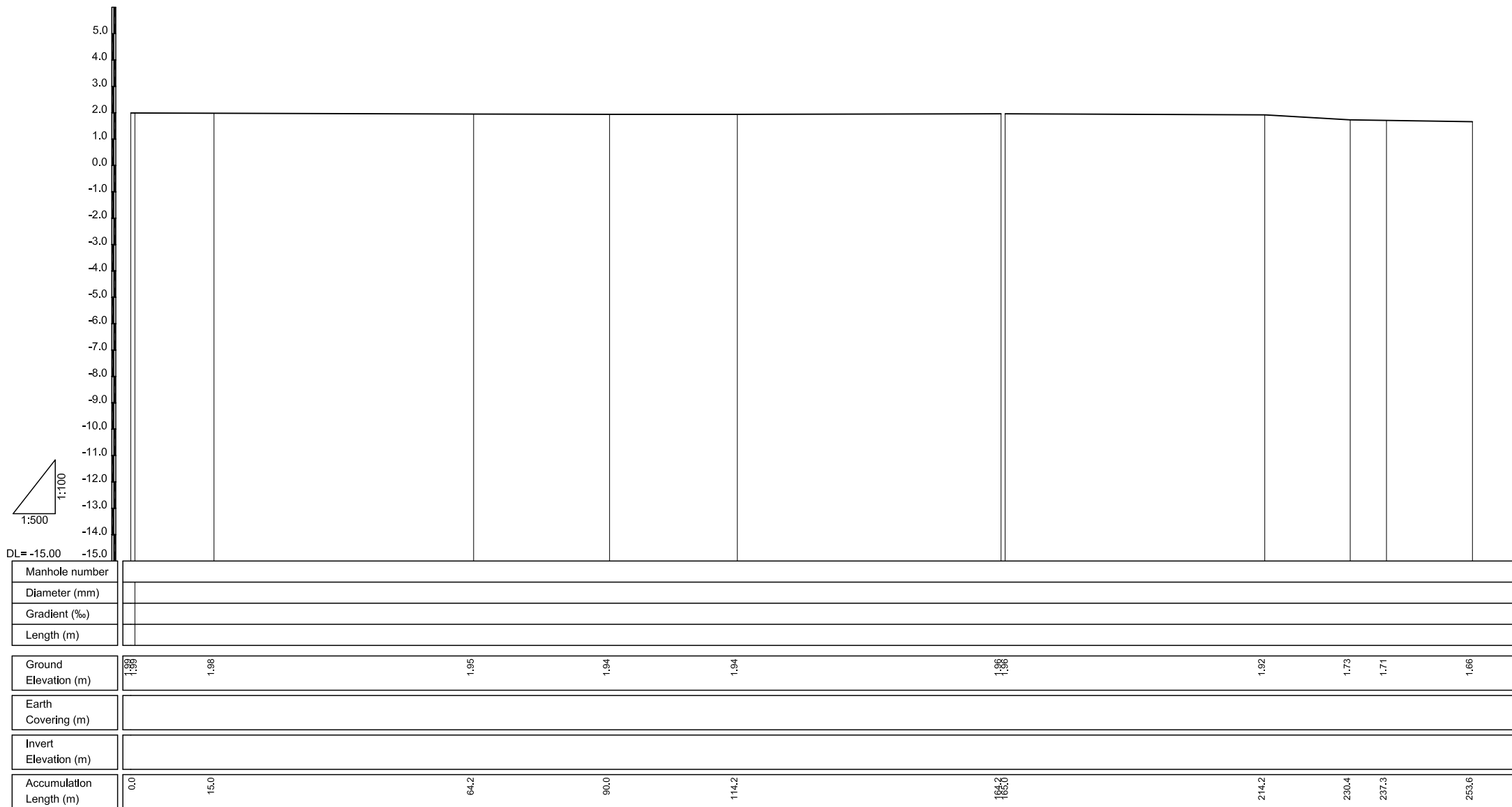
DESIGNED _____ CHECKED _____

DATE : _____ DWG. No. _____

PLAN S = 1/500



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



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REVISIONS

PROJECT MANAGEMENT UNIT FOR
HO CHI MINH CITY
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THE DETAILED DESIGN ON HO CHI MINH CITY
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PLAN AND LONGITUDINAL SURVEY OF
SECONDARY INTERCEPTOR
SEWER ROUTE (26)

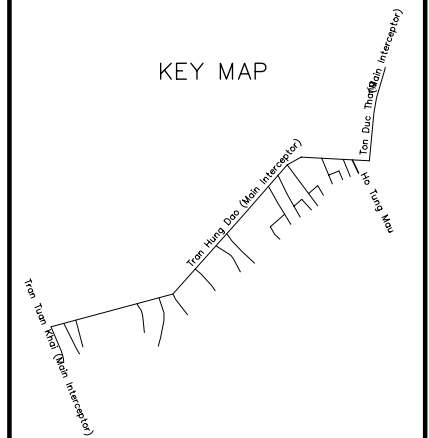
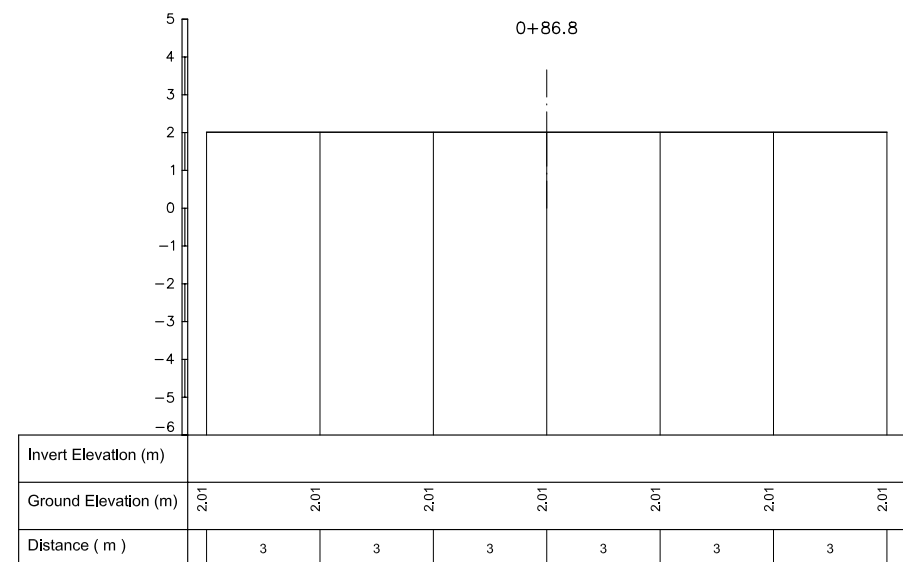
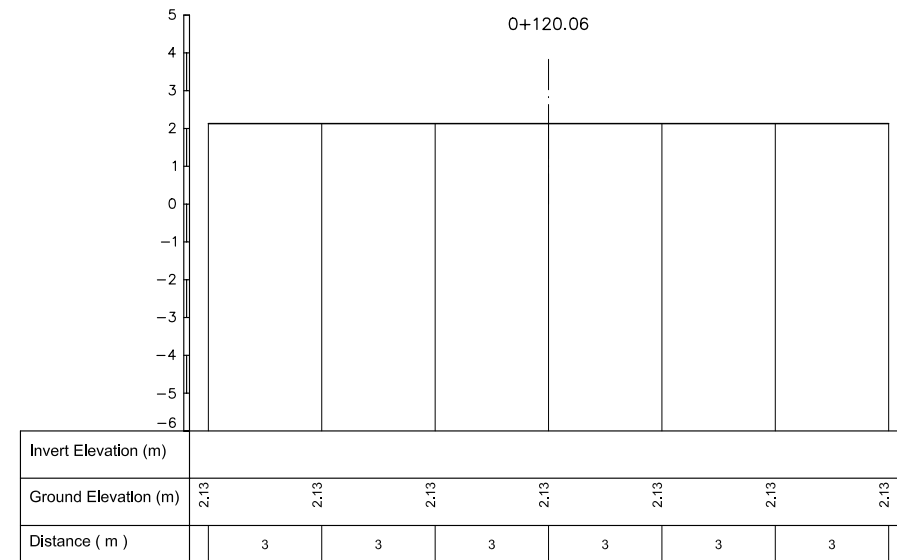
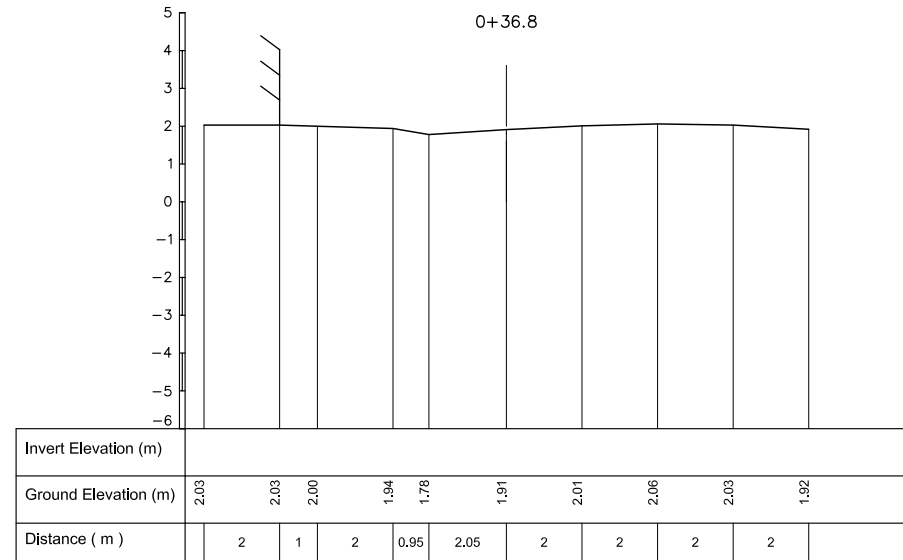
SCALE : AS SHOWN

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DESIGNED CHECKED

DATE : DWG. No.



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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
SECONDARY INTERCEPTOR SEWER ROUTE(1)
(HO TUNG MAU)

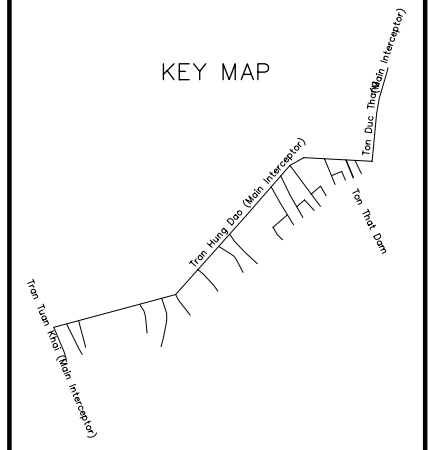
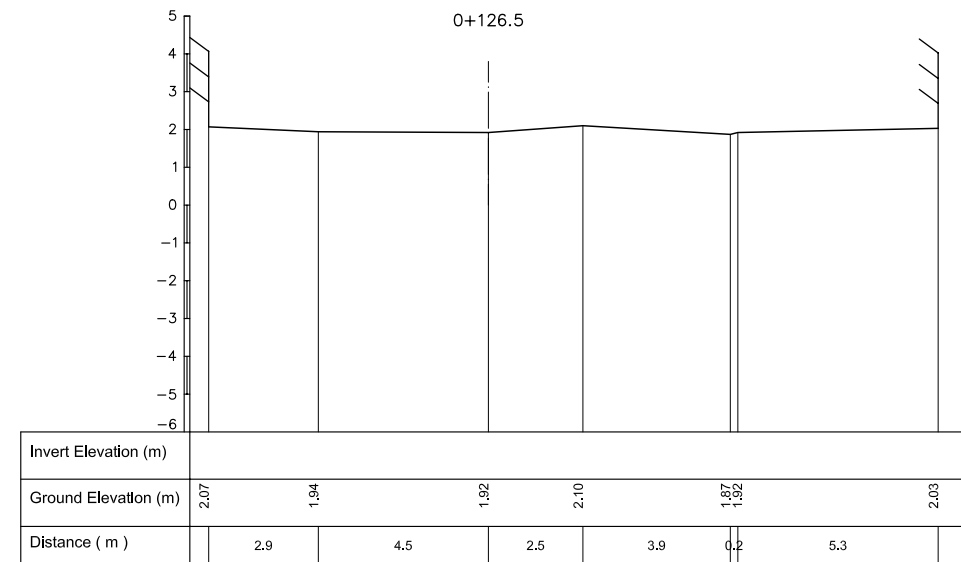
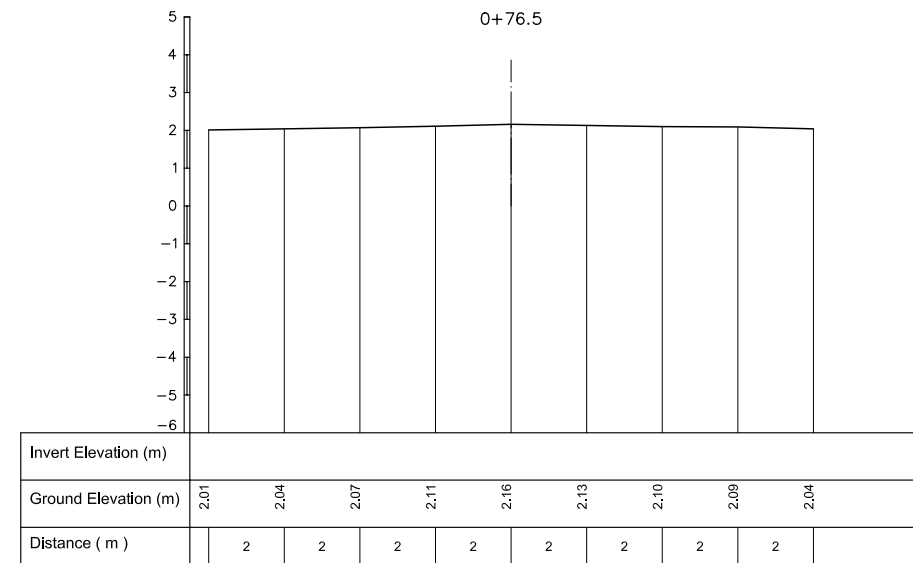
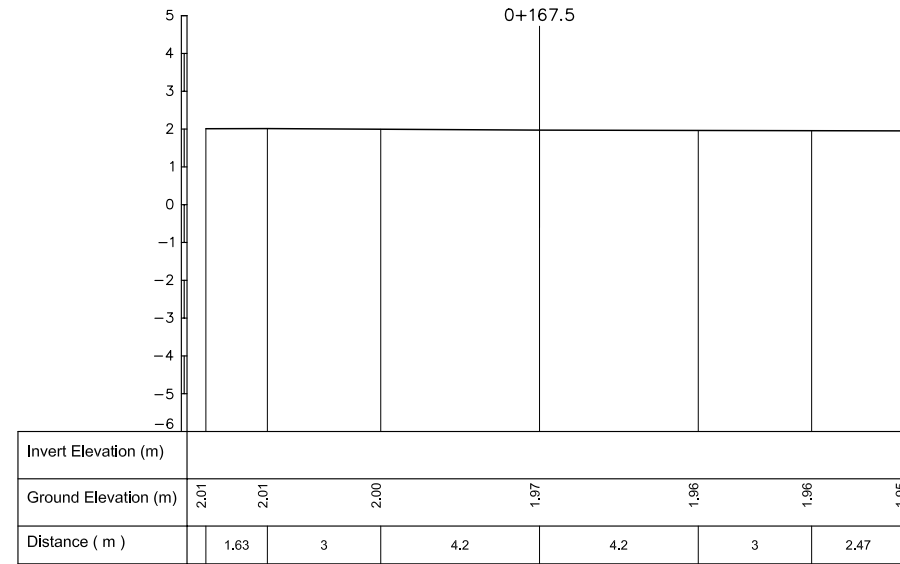
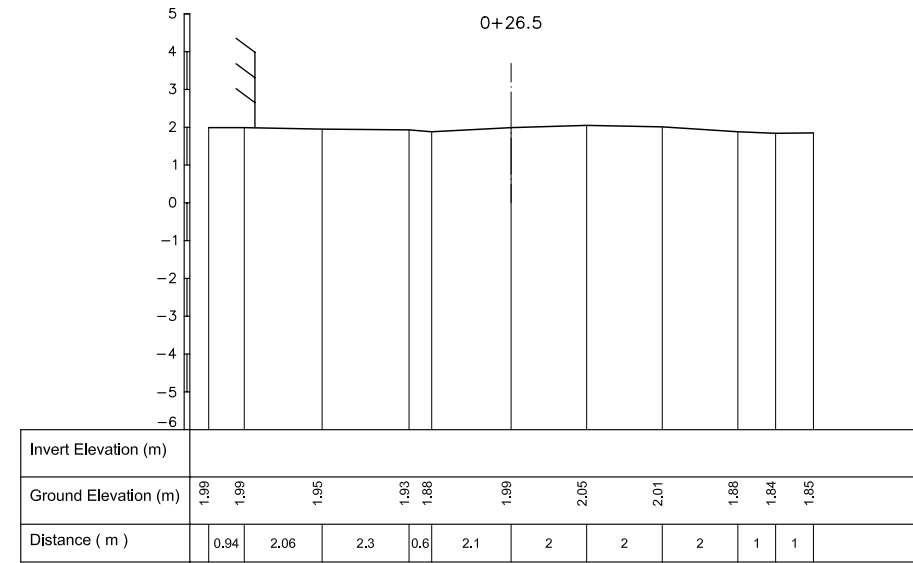
SCALE : 1 : 100

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

PACIFIC CONSULTANTS INTERNATIONAL

DESIGNED	CHECKED
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DATE :	DWG. No. PC
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NO.	DATE	DESCRIPTIONS	BY	APRO.
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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
SECONDARY INTERCEPTOR SEWER ROUTE(2)
(TON THAT DAM)

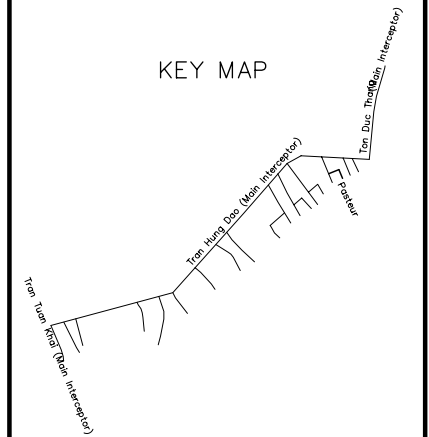
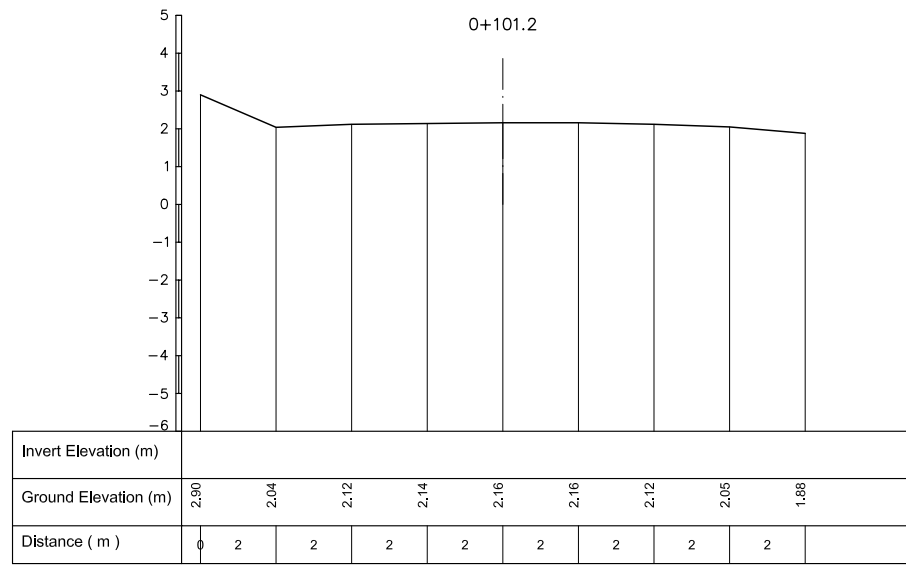
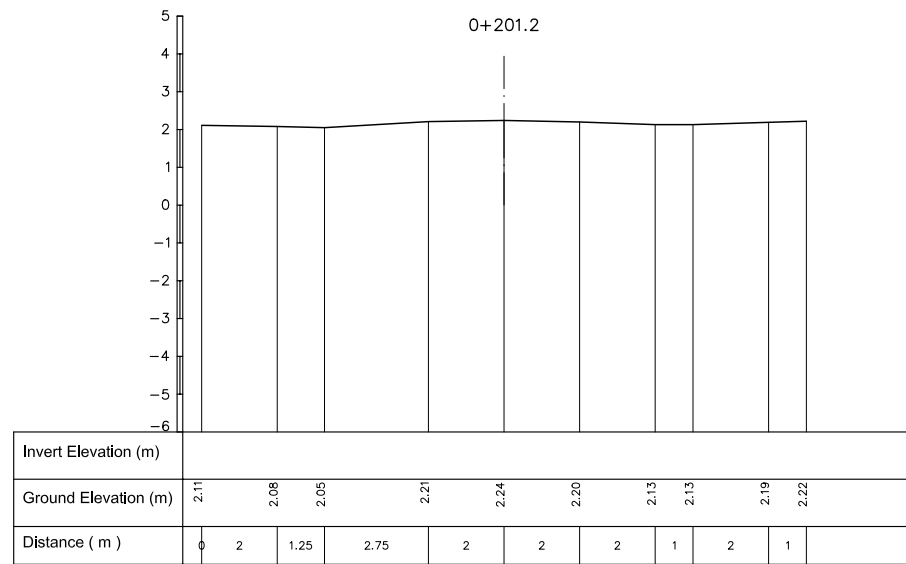
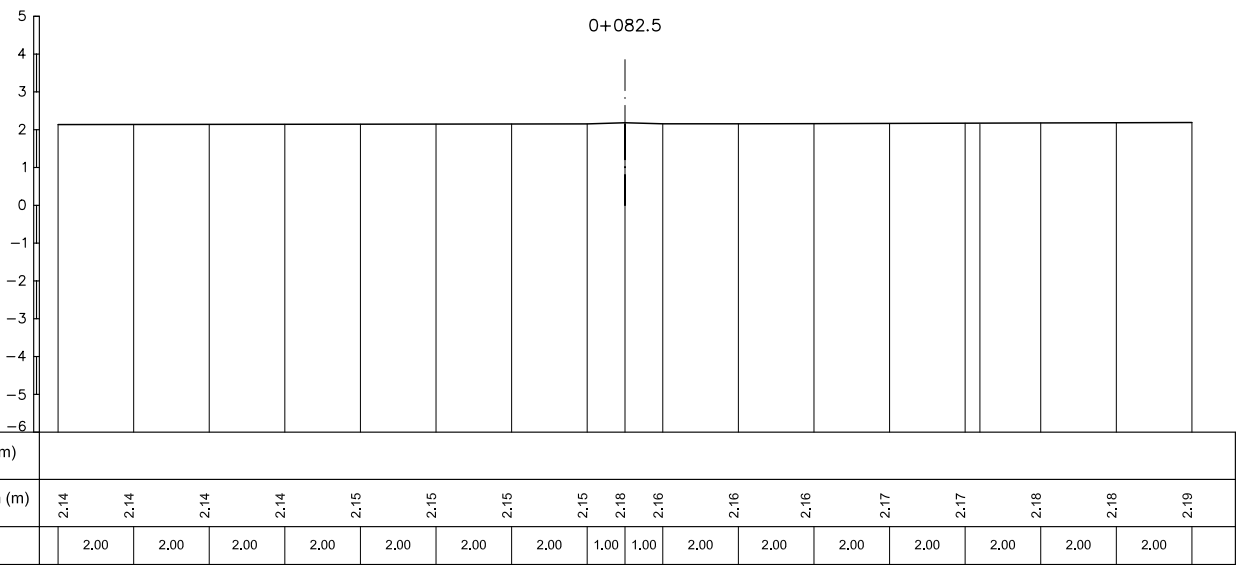
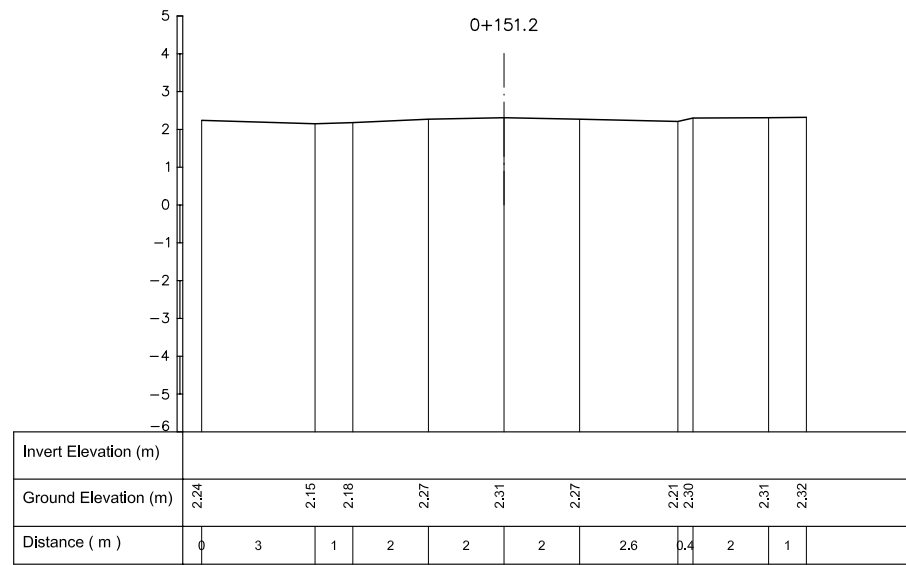
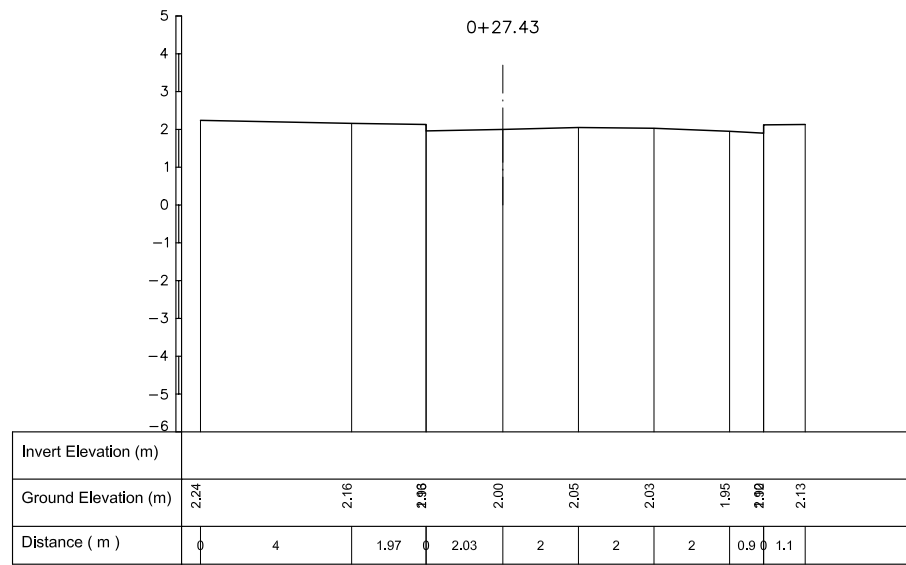
SCALE : 1 : 100

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PC PACIFIC CONSULTANTS INTERNATIONAL

DESIGNED CHECKED

DATE : DWG. No. PC



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
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CROSS SECTION SURVEY OF
SECONDARY INTERCEPTOR SEWER ROUTE(3)
(PASTEUR)

SCALE : 1 : 100	
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	
PACIFIC CONSULTANTS INTERNATIONAL	
DESIGNED	CHECKED
DATE :	DWG. No. PC