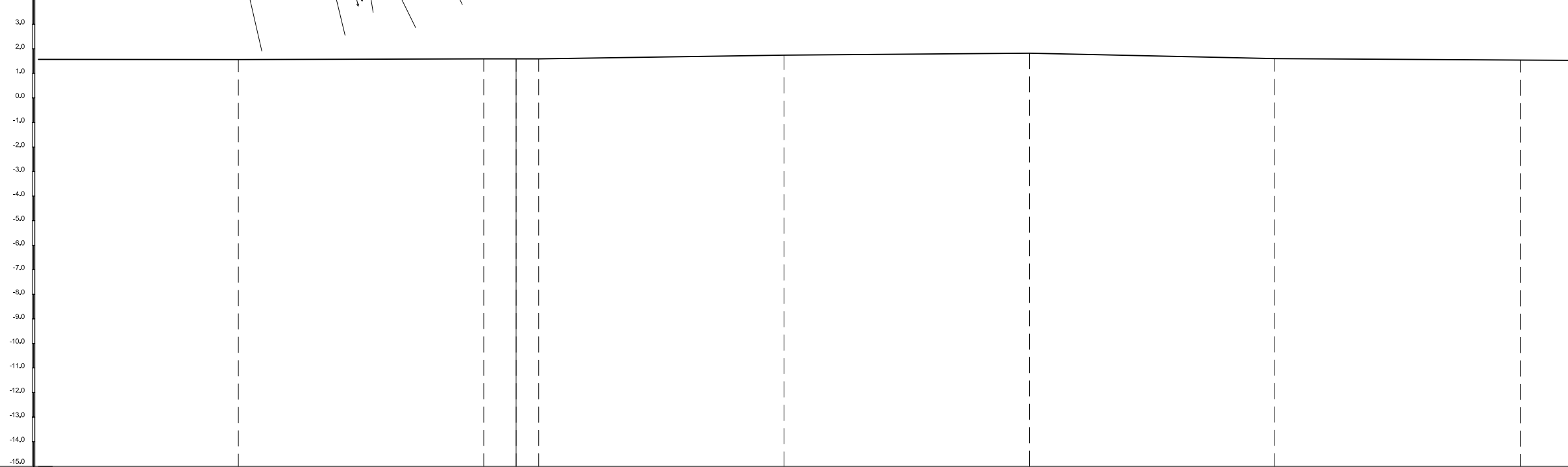
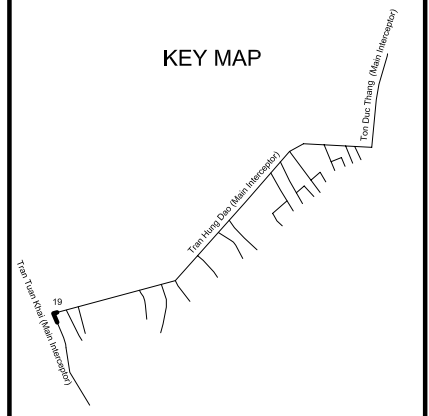


PROFILE $S_H = 1/500, S_V = 1/100$



Manhole Number								
Diameter (mm)								
Gradient (‰)								
Length (m)								
Ground Elevation (m)	1.56	1.59	1.59	1.59	1.74	1.82	1.60	1.54
Earth Covering (m)								
Invert Elevation (m)								
Total Accumulation Length (m)	5436.7	5486.7	5493.3	5497.9	5547.9	5597.9	5647.9	5697.9



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WATER ENVIRONMENT IMPROVEMENT PROJECT
IN THE SOCIALIST REPUBLIC OF VIET NAM

PLAN AND LONGITUDINAL SURVEY OF
MAIN INTERCEPTOR SEWER ROUTE (19)

SCALE : AS SHOWN

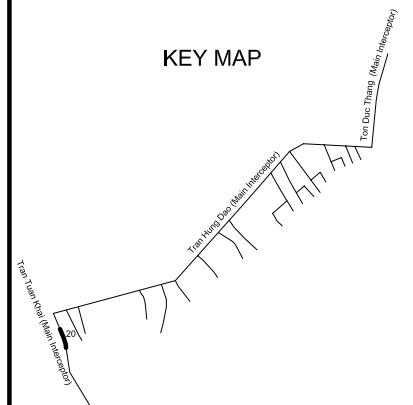
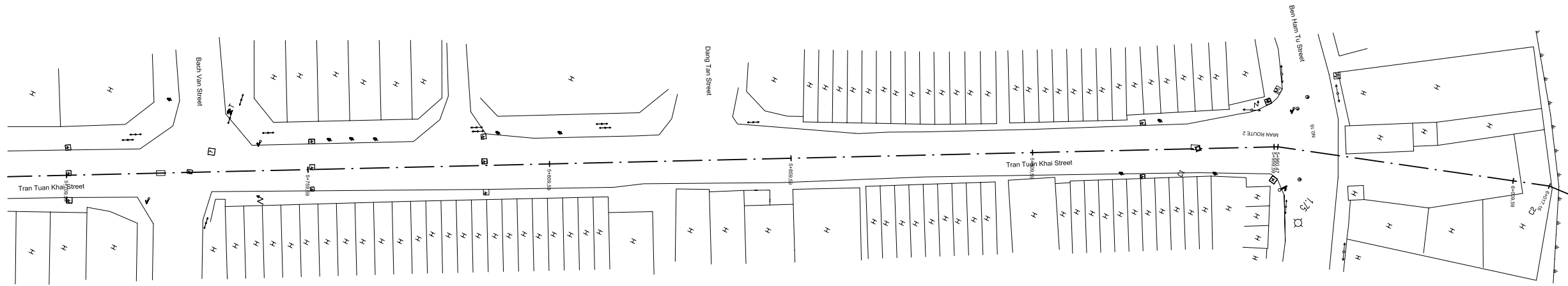
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

PACIFIC CONSULTANTS INTERNATIONAL

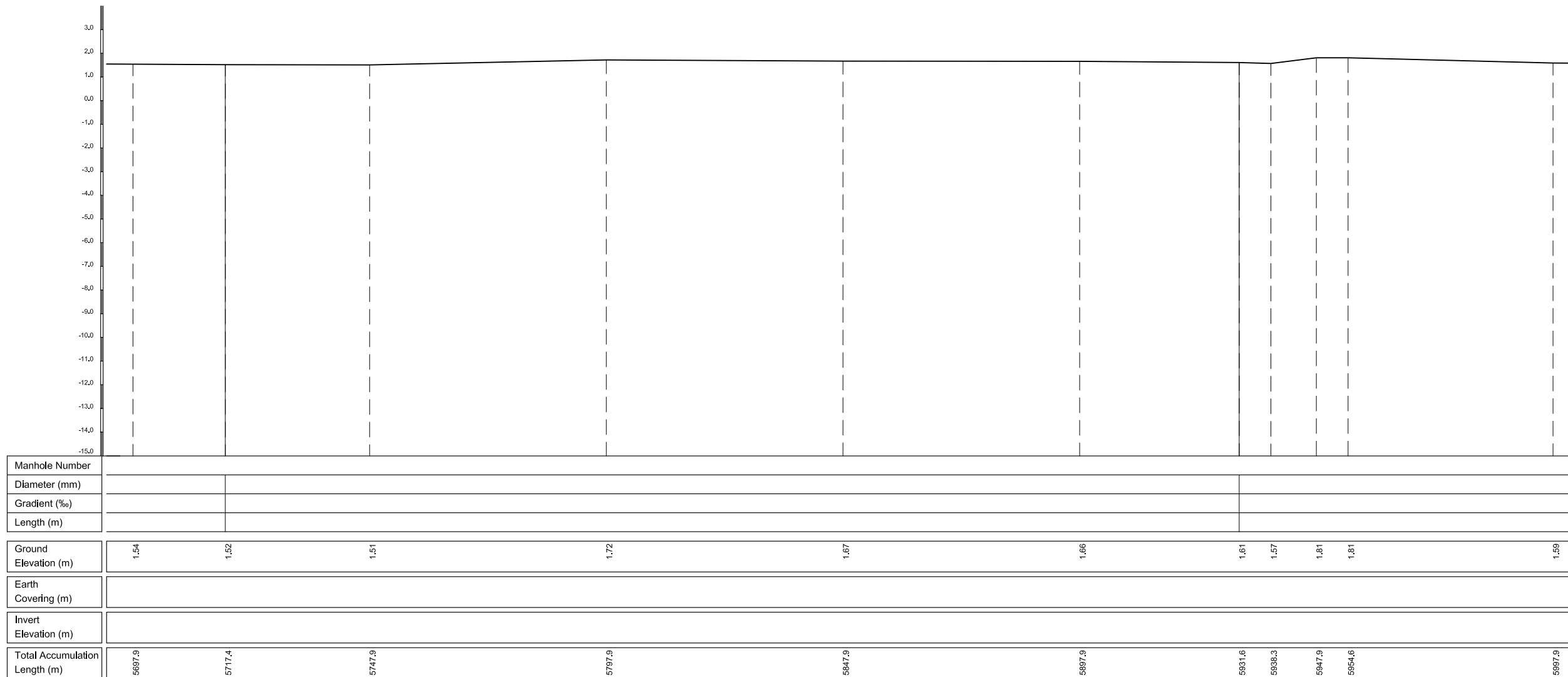
DESIGNED _____ CHECKED _____

DATE : _____ DWG. No. _____

PLAN S = 1/500

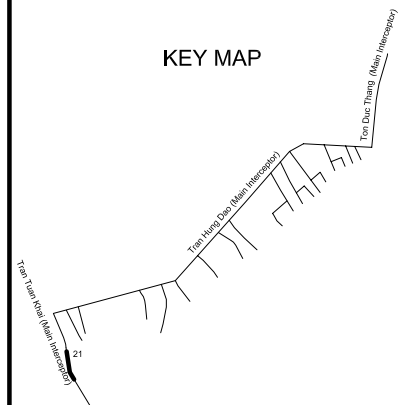
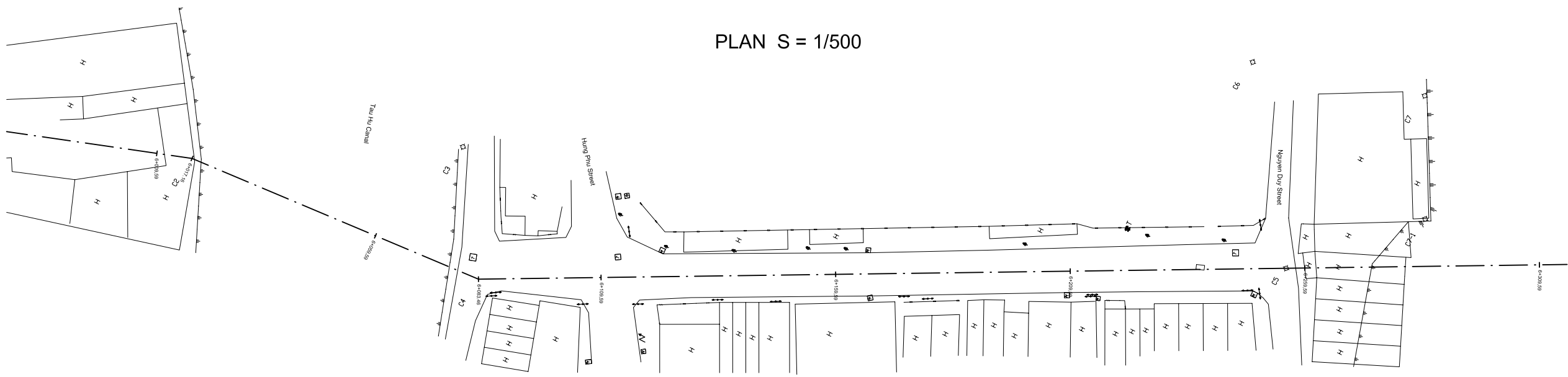


PROFILE $S_H = 1/500, S_V = 1/100$

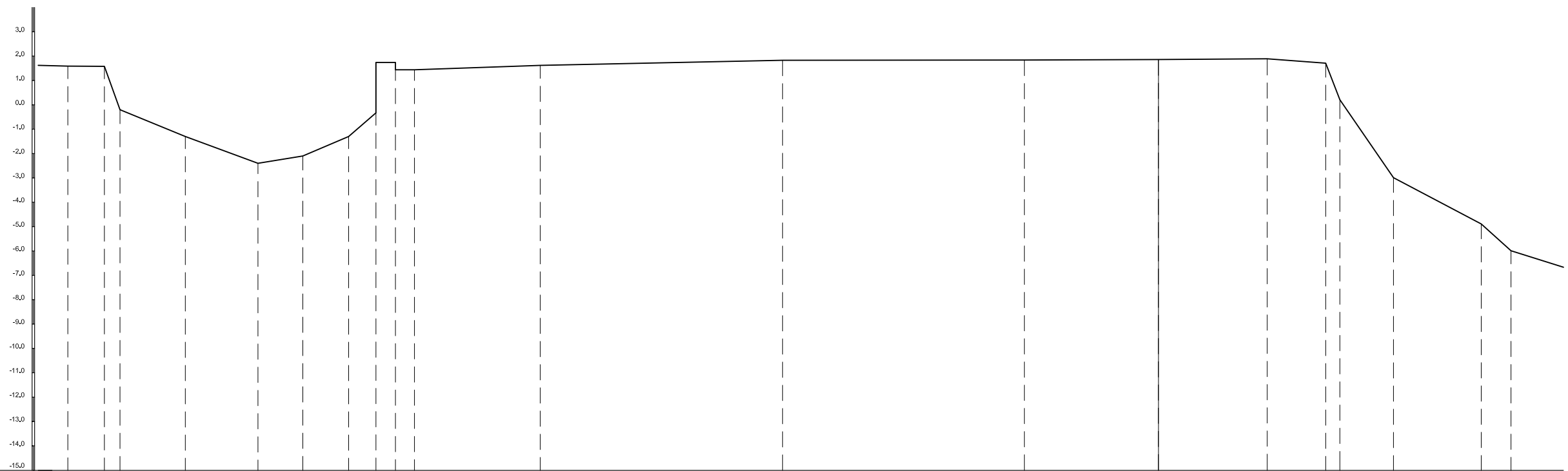


NO.	DATE	DESCRIPTIONS	BY	APPRO.
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PROJECT MANAGEMENT UNIT FOR HO CHI MINH CITY WATER ENVIRONMENT IMPROVEMENT				
THE DETAILED DESIGN STUDY ON HO CHI MINH CITY WATER ENVIRONMENT IMPROVEMENT PROJECT IN THE SOCIALIST REPUBLIC OF VIET NAM				
PLAN AND LONGITUDINAL SURVEY OF MAIN 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



Manhole Number																									
Diameter (mm)																									
Gradient (‰)																									
Length (m)																									
Ground Elevation (m)	1.59	1.58	-0.20	-1.30	-2.40	-2.10	-1.30	-0.32	1.74	1.44		1.62		1.83		1.84		1.86		1.89	1.71	0.21	-2.99	-4.89	-5.99
Earth Covering (m)																									
Invert Elevation (m)																									
Total Accumulation Length (m)	5997.9	6005.4	6008.6	6022.0	6036.9	6046.1	6055.5	6061.1	6061.1	6065.1	6065.1	6069.0	6094.8	6144.5	6194.1	6221.6	6243.9	6255.9	6258.8	6269.8	6287.8	6293.9			

NO.	DATE	DESCRIPTIONS	BY	APRO.

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IN THE SOCIALIST REPUBLIC OF VIET NAM

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

SCALE : AS SHOWN

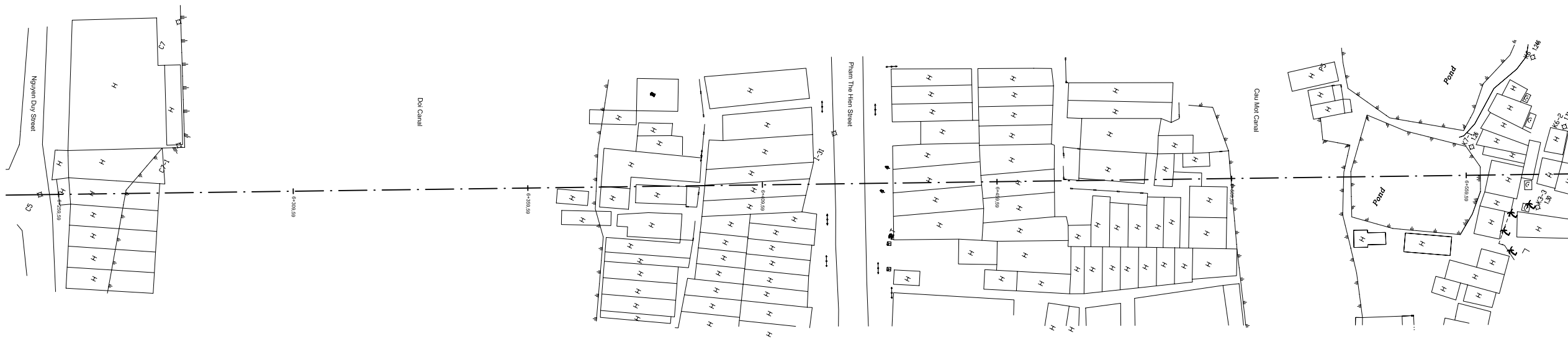
JICA JAPAN INTERNATIONAL COOPERATION
AGENCY (JICA)

PACIFIC CONSULTANTS INTERNATIONAL

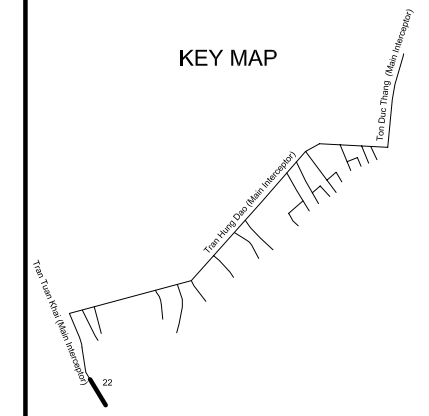
DESIGNED _____ CHECKED _____

DATE : _____ DWG. No. _____

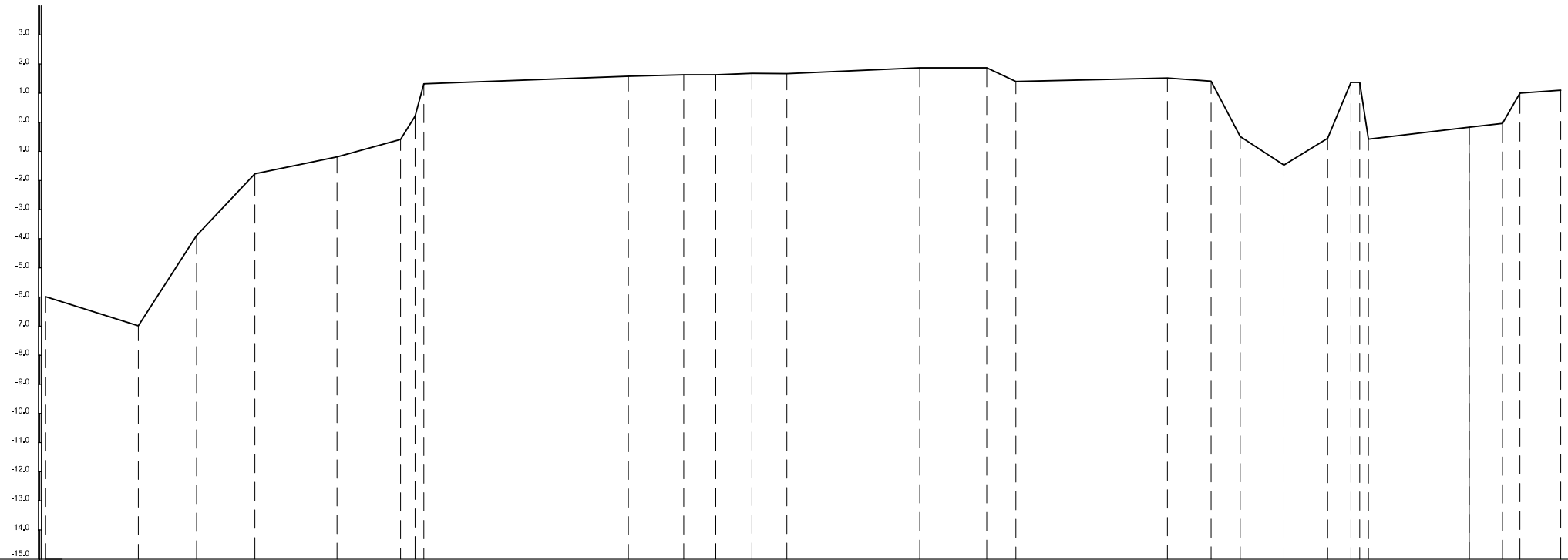
PLAN S = 1/500



KEY MAP

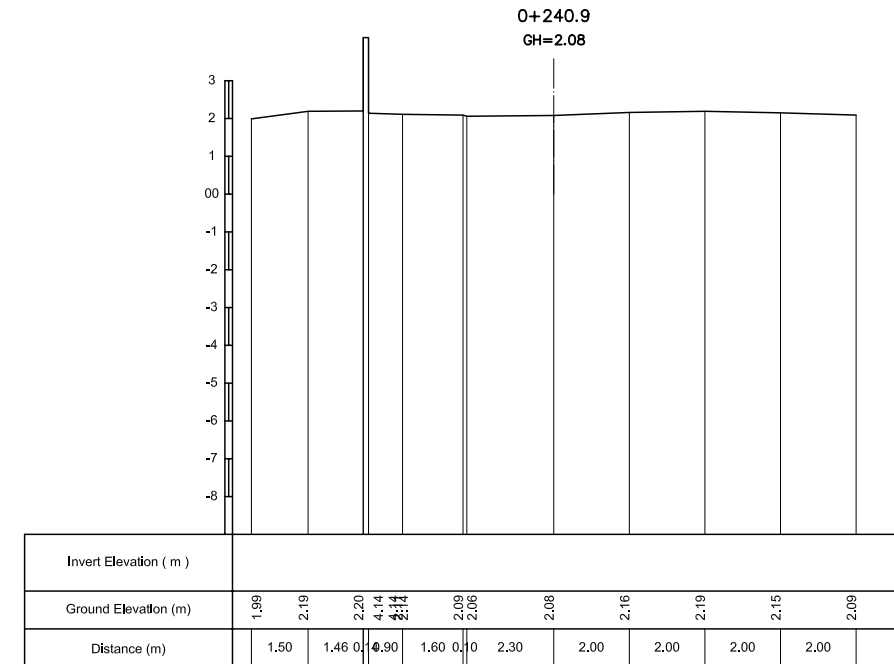
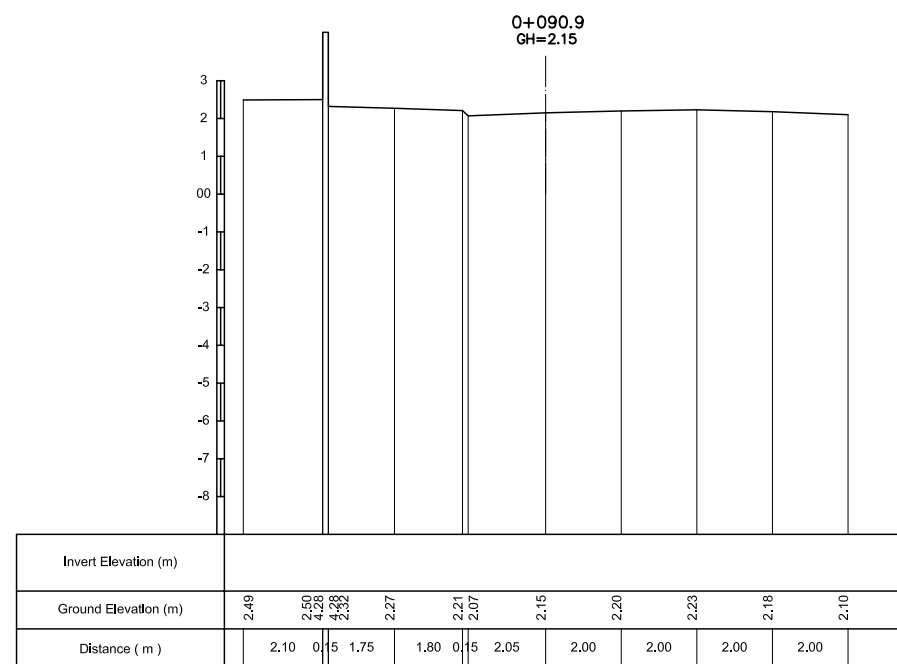
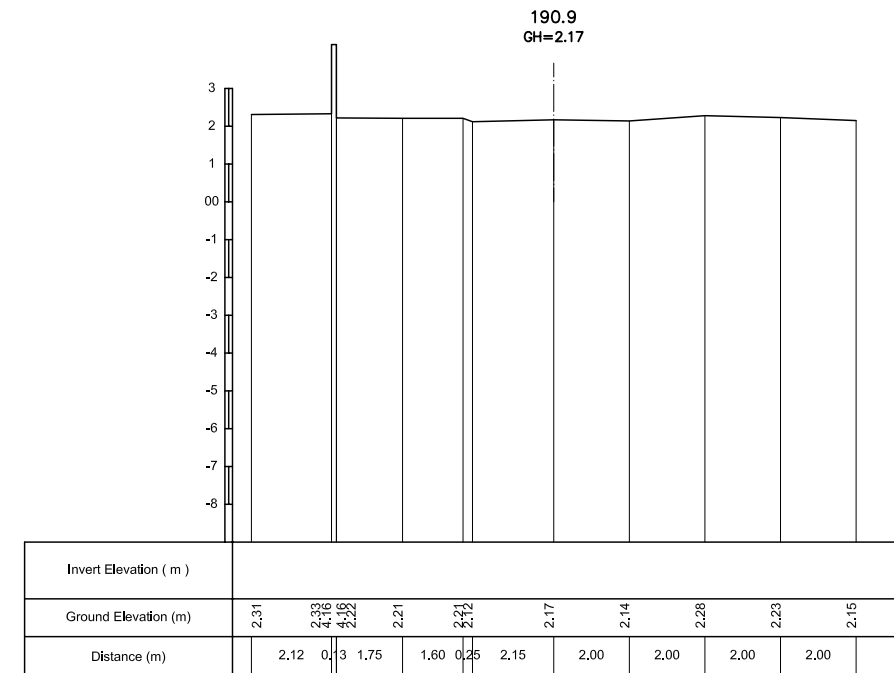
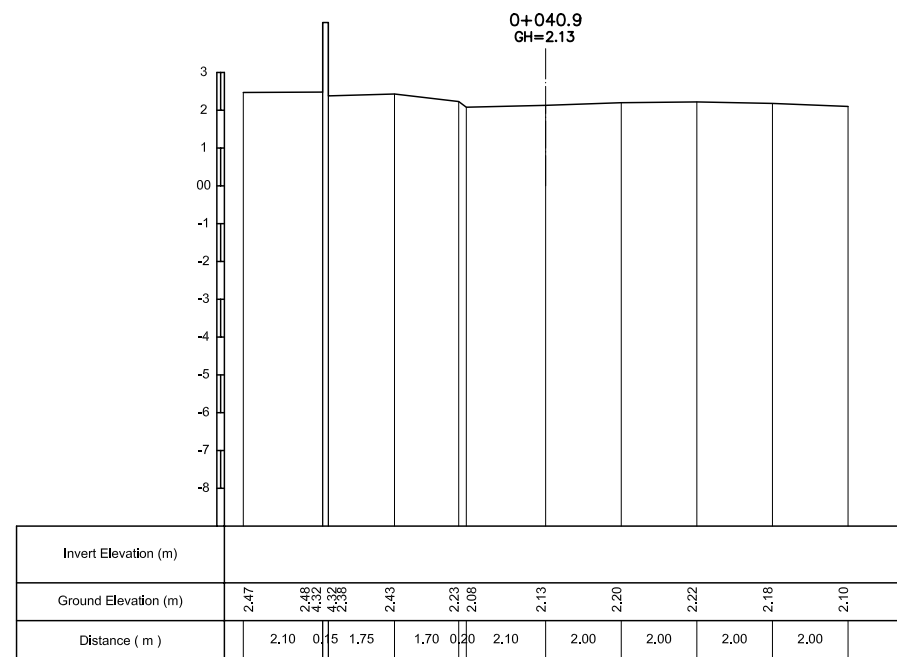
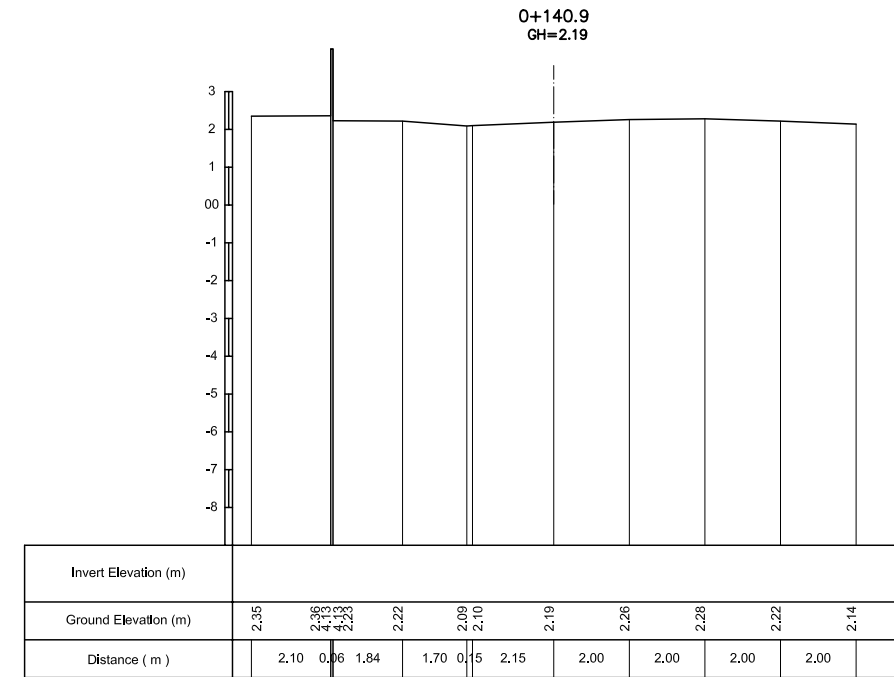
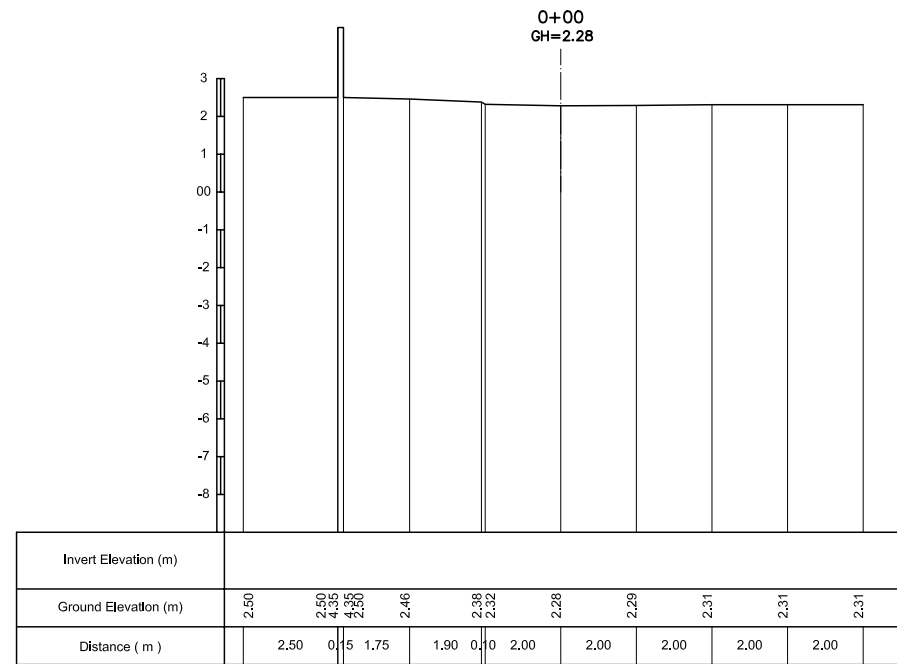


PROFILE S_H = 1/500, S_V = 1/100



Manhole Number																																	
Diameter (mm)																																	
Gradient (‰)																																	
Length (m)																																	
Ground Elevation (m)	-5.97	-6.99	-3.89	-1.77	-1.19	-0.59	0.21	1.32		1.58	1.63	1.63	1.68	1.67		1.87	1.87	1.40		1.52	1.41	-0.49	-1.47	-0.55	1.37	1.37	-0.58		-0.17	-0.04	1.00	1.10	
Earth Covering (m)																																	
Invert Elevation (m)																																	
Total Accumulation Length (m)	62933.7	63009.8	6319.8	63229.8	6343.9	6354.8	6357.3	6358.8		6393.9	6403.4	6408.9	6415.1	6421.1		6443.9	6455.4	6460.4		6486.4	6493.9	6498.9	6506.4	6513.9	6517.9	6519.4	6520.9		6538.2	6543.9	6546.9	6553.9	

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PLAN AND LONGITUDINAL SURVEY OF MAIN INTERCEPTOR SEWER ROUTE (22)				
SCALE : AS SHOWN				
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)				
PACIFIC CONSULTANTS INTERNATIONAL				
DESIGNED		CHECKED		
DATE :		DWG. No.		



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WATER ENVIRONMENT IMPROVEMENT

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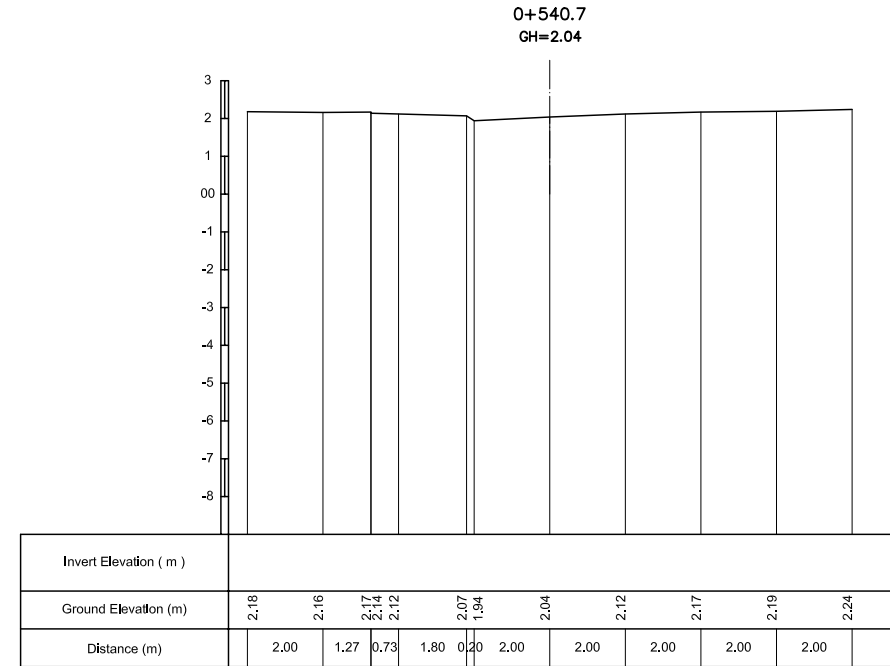
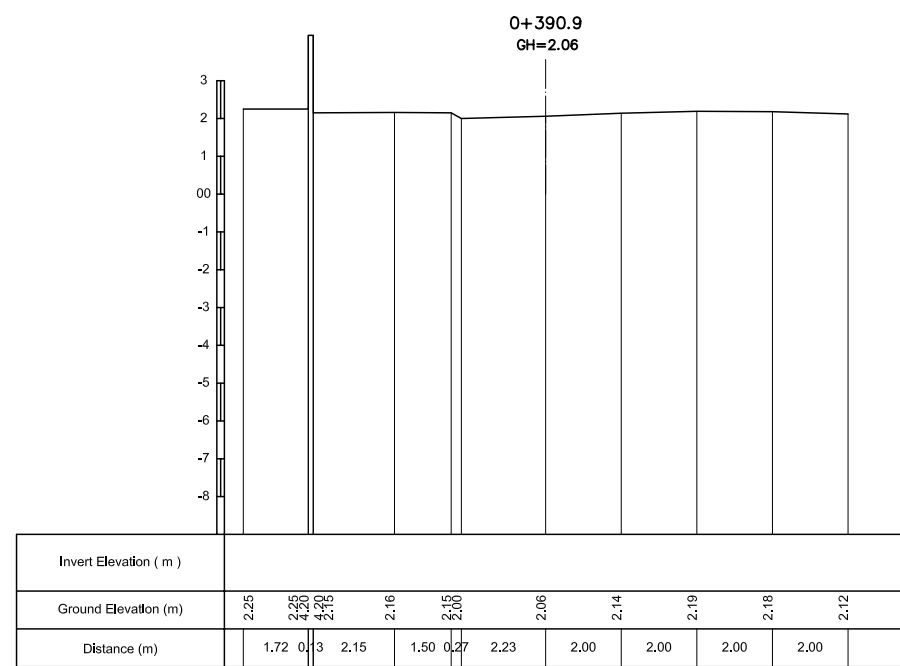
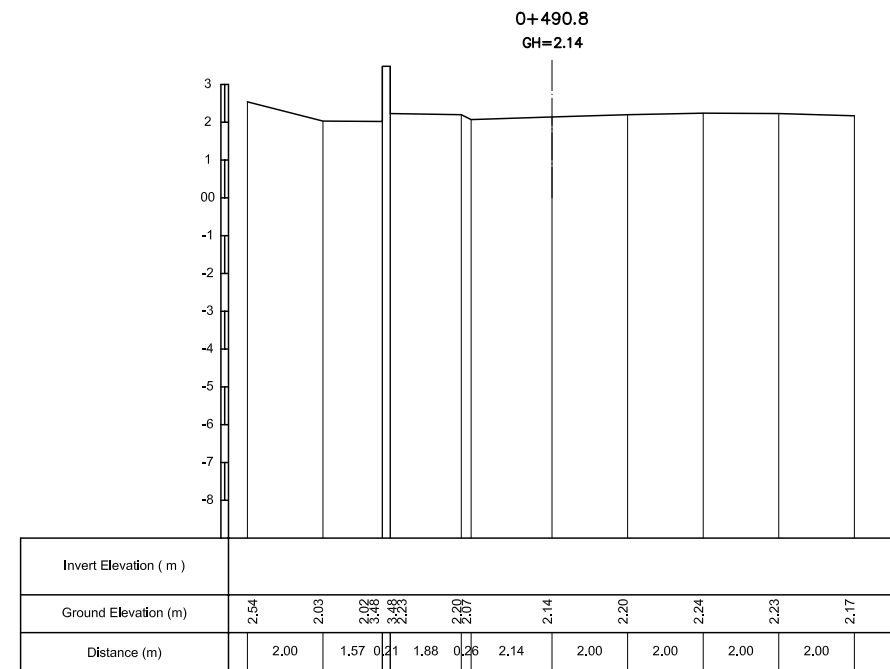
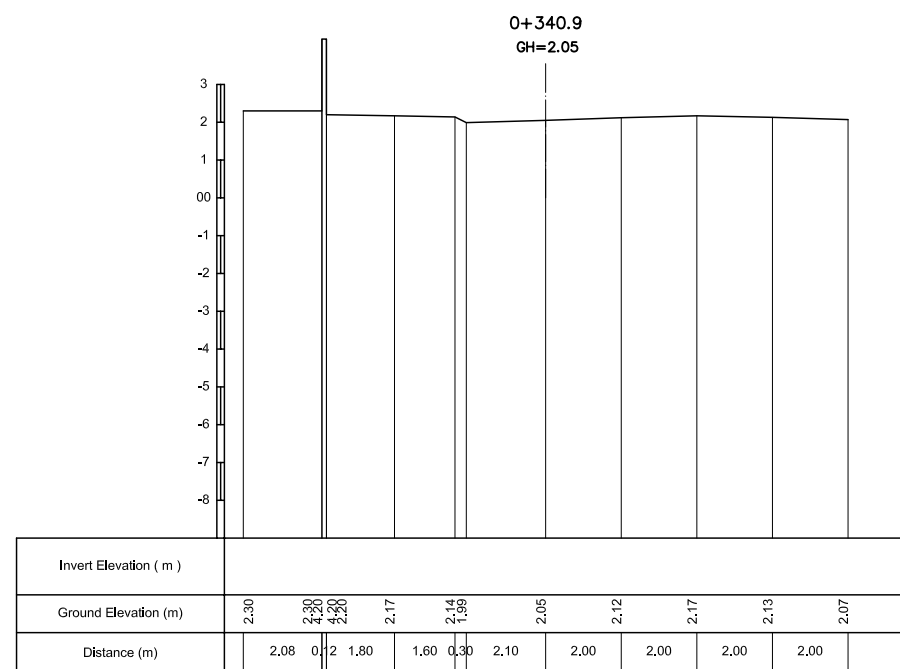
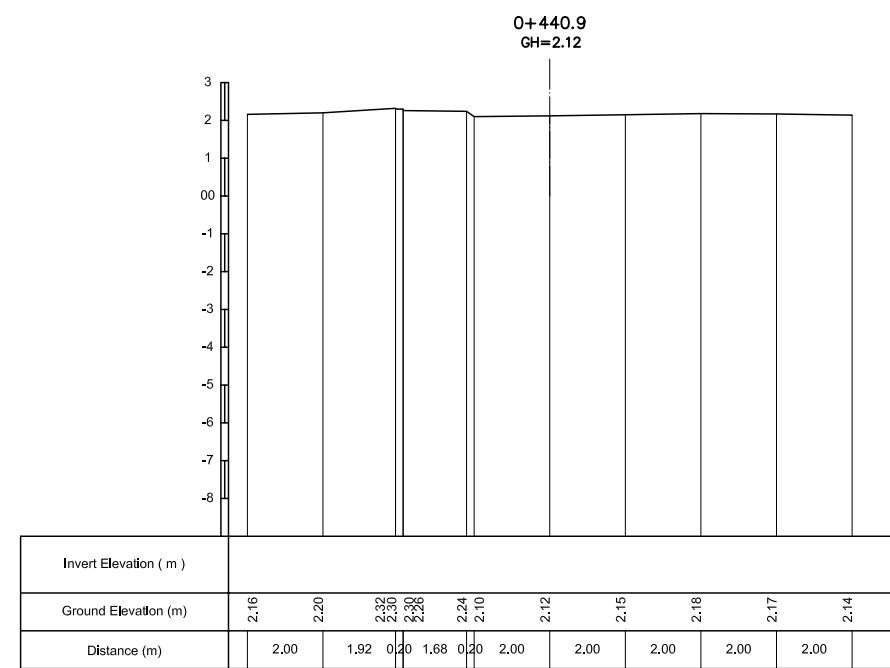
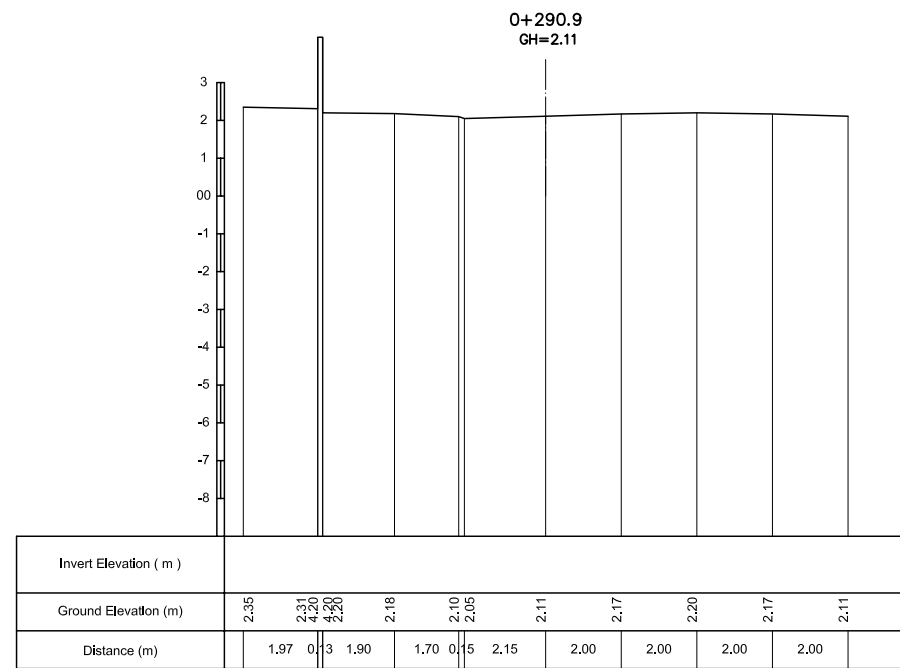
CROSS SECTION SURVEY OF MAIN INTERCEPTOR SEWER ROUTE (1)

SCALE : 1 / 100

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**CROSS SECTION SURVEY
OF MAIN INTERCEPTOR
SEWER ROUTE (2)**

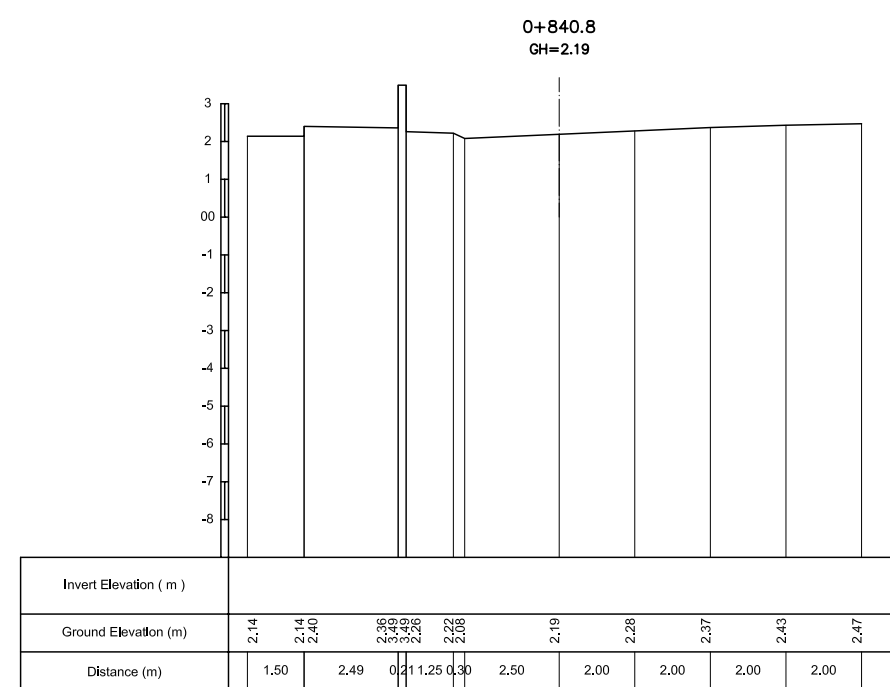
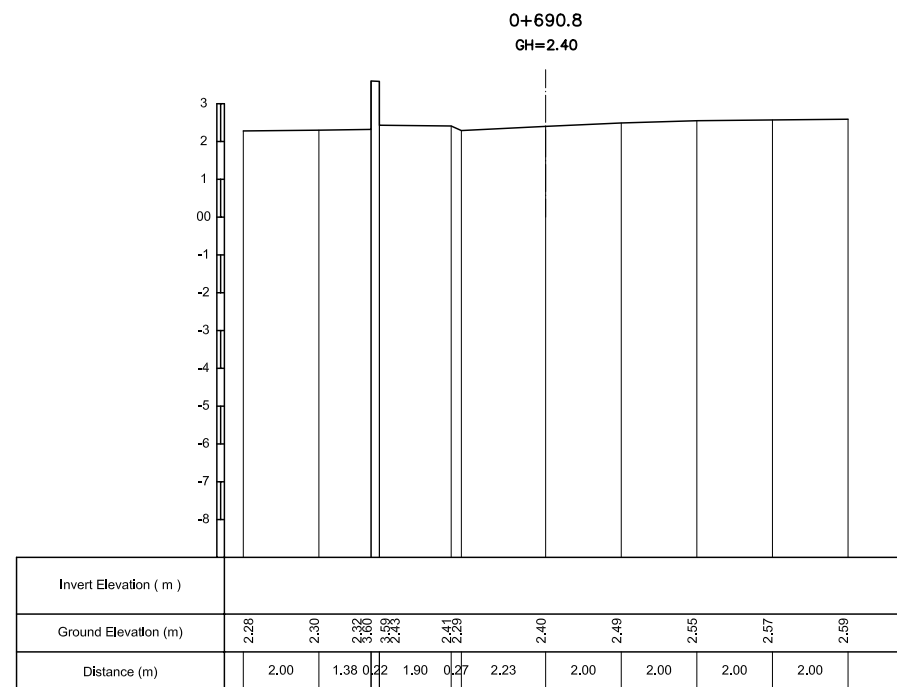
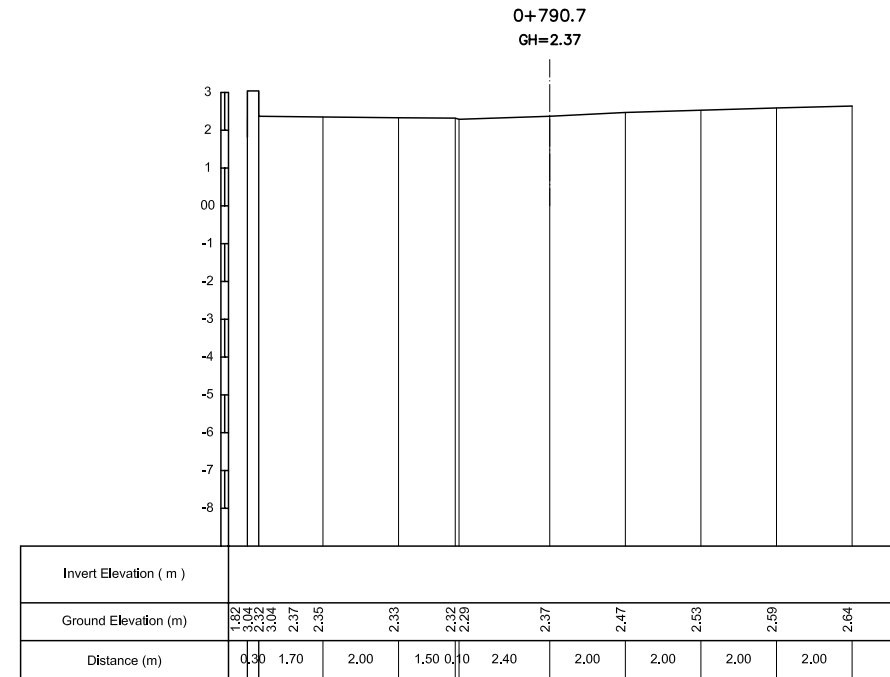
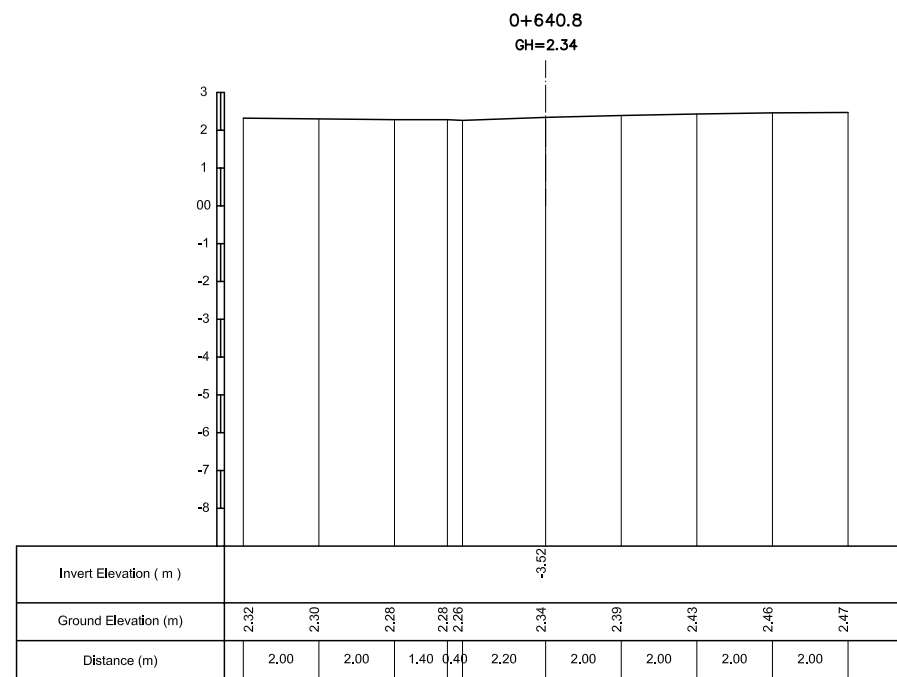
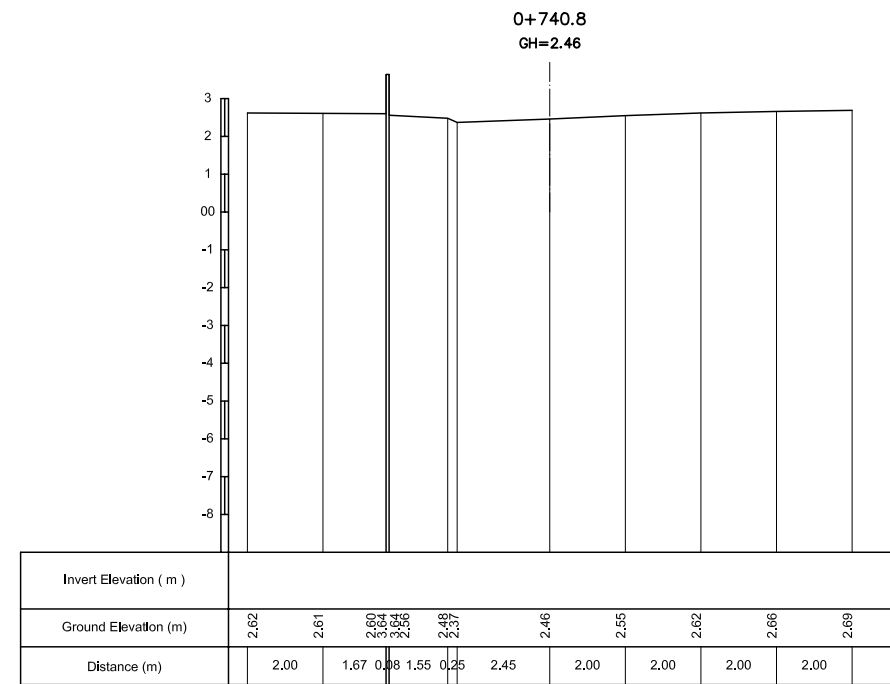
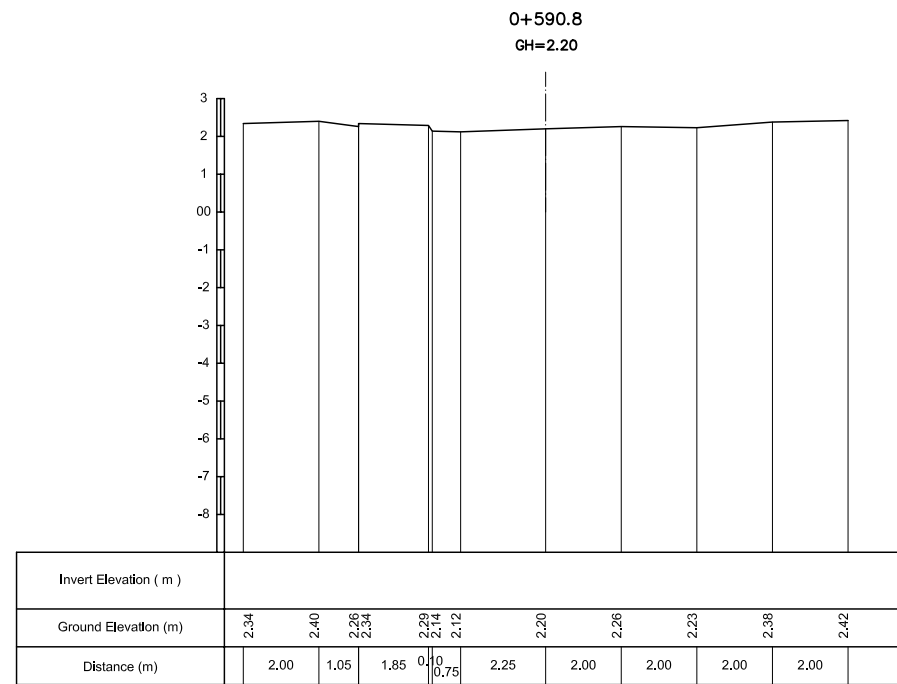
SCALE : 1 / 100

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**CROSS SECTION SURVEY
OF MAIN INTERCEPTOR
SEWER ROUTE (3)**

SCALE : 1 / 100

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

PACIFIC CONSULTANTS INTERNATIONAL

DESIGNED	CHECKED
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DATE :	DWG. No.
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