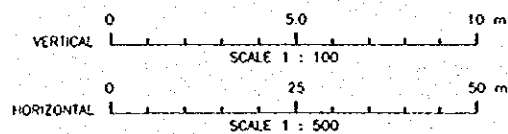
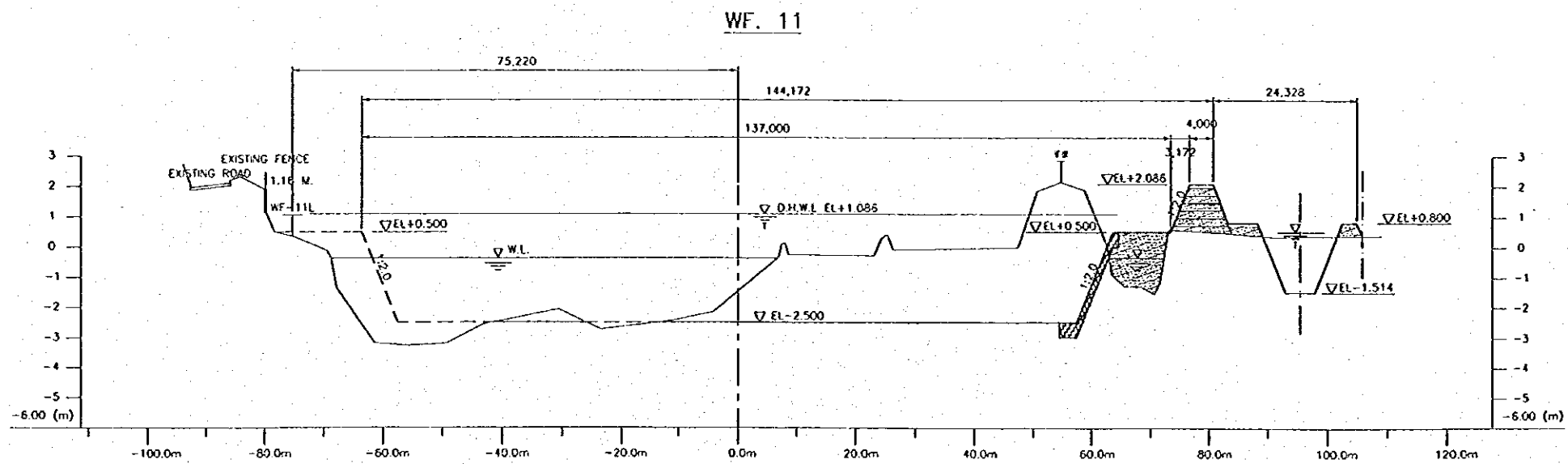
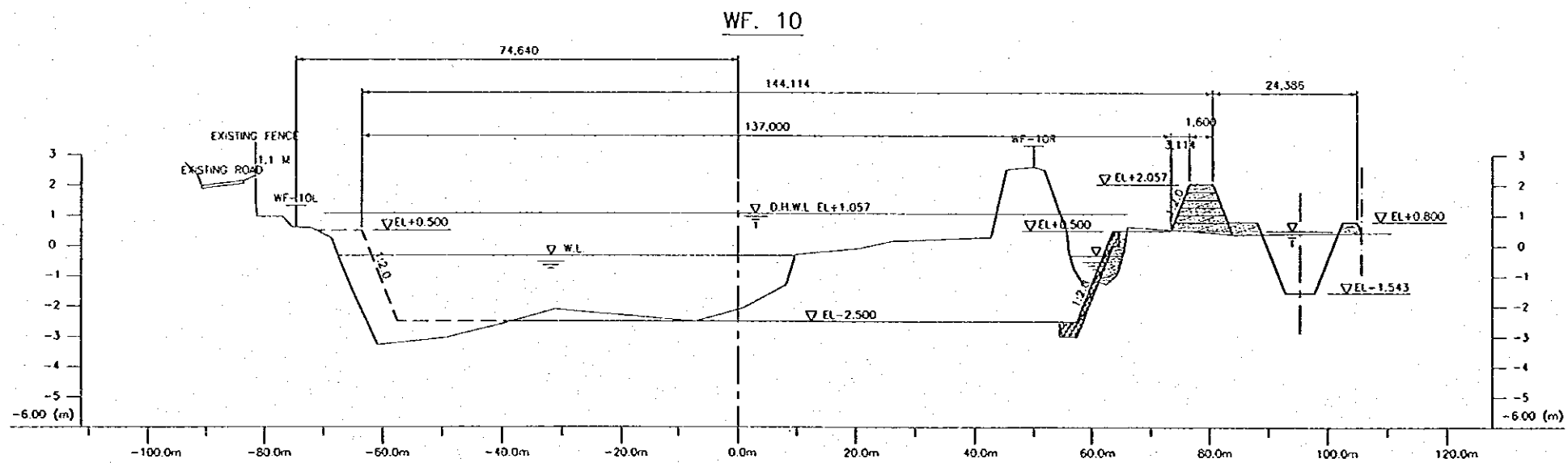
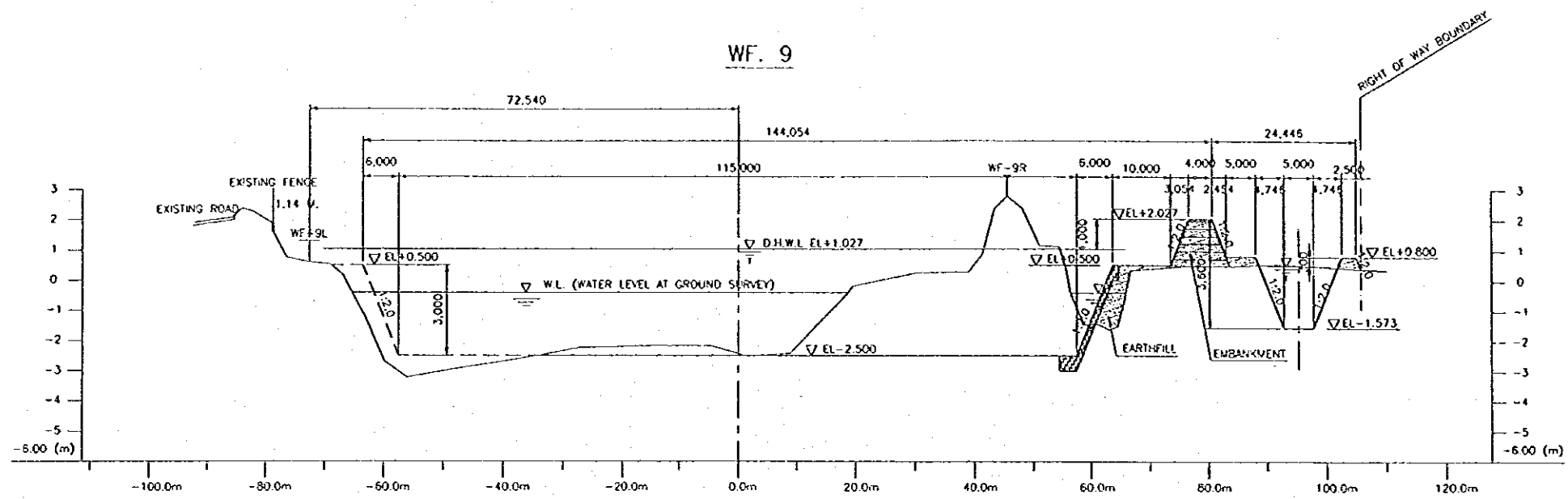


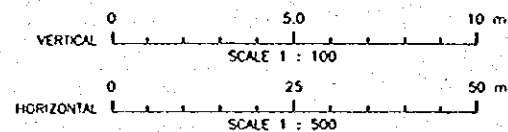
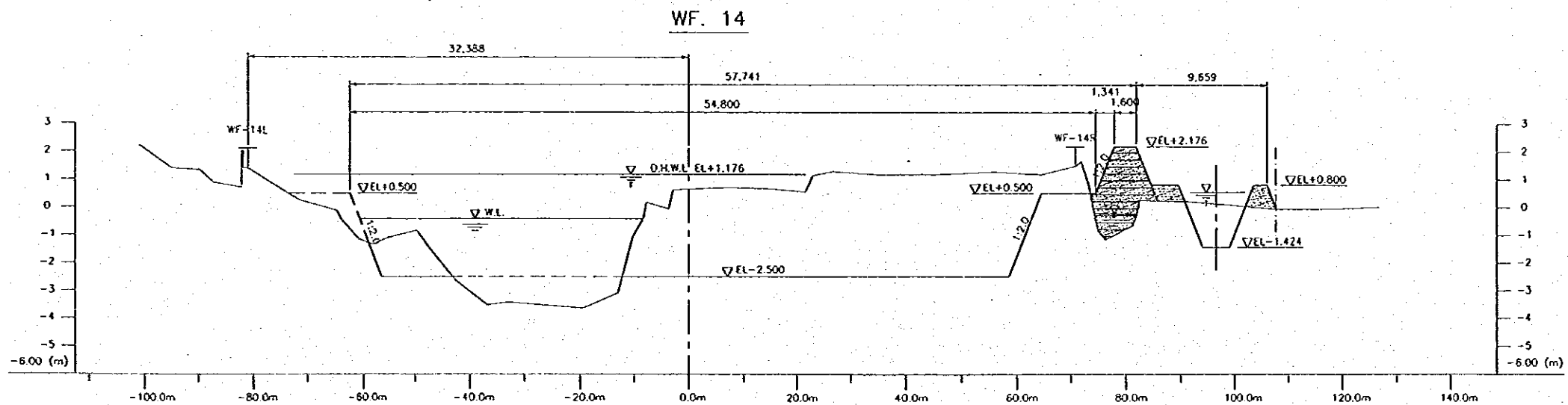
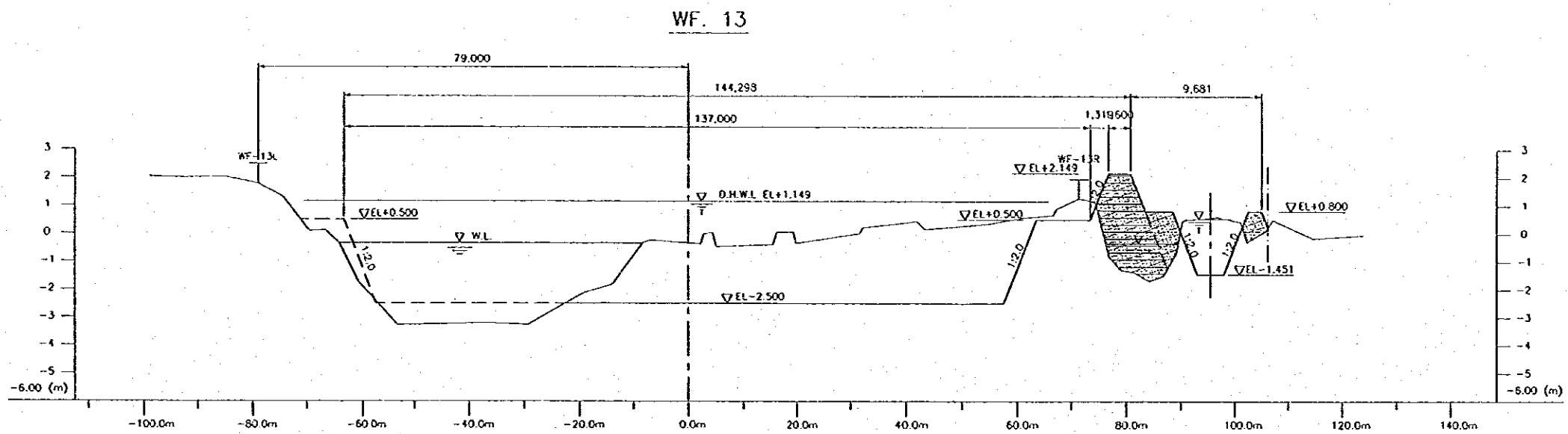
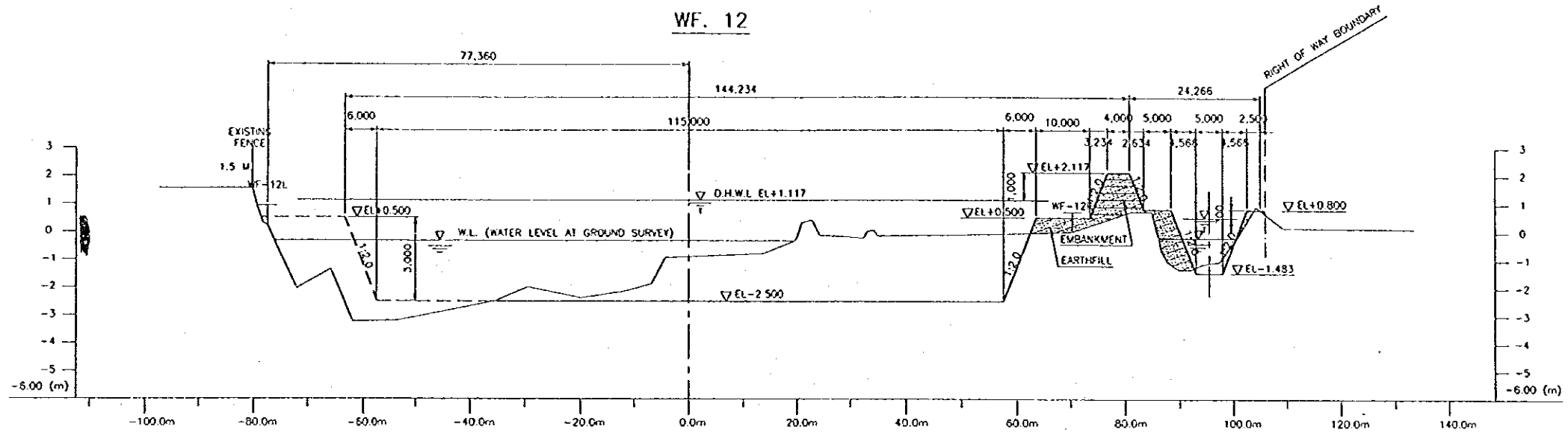
NO.	DATE	REVISIONS	CREATED	DESIGNED	APPROVED

		THE REPUBLIC OF INDONESIA MINISTRY OF PUBLIC WORKS DIRECTORATE GENERAL OF WATER RESOURCES DEVELOPMENT AND DIRECTORATE GENERAL OF HUMAN SETTLEMENT		PROVINCE CENTRAL JAWA
		IRATUNSELUNA FLOOD CONTROL PROJECT COMPONENT: WEST FLOODWAY / GARANG RIVER IMPROVEMENT CHANNEL AND DIKE WORKS WEST FLOOD WAY CROSS SECTIONS (6/39)		PROJECT NAME FLOOD CONTROL, URBAN DRAINAGE AND WATER RESOURCES DEVELOPMENT IN SEMARANG IN THE REPUBLIC OF INDONESIA DISTRICT SEMARANG CITY DRAWING NO. W3-P1-CX-Cr.21 SHEET NO. 13
SAFARI INTERNATIONAL OPERATION AGENCY C.T.I. ENGINEERING CO., LTD. IN ASSOCIATION WITH PACIFIC CONSULTANTS INTERNATIONAL AND PARO INTERNATIONAL INC.		DESIGNED <i>[Signature]</i> CHECKED <i>[Signature]</i>	DATE CONTRACT NO.	PROJECT MANAGER



NO.	DATE	REVISIONS	ORIGINATED	DRAWN	CHECKED	APPROVED

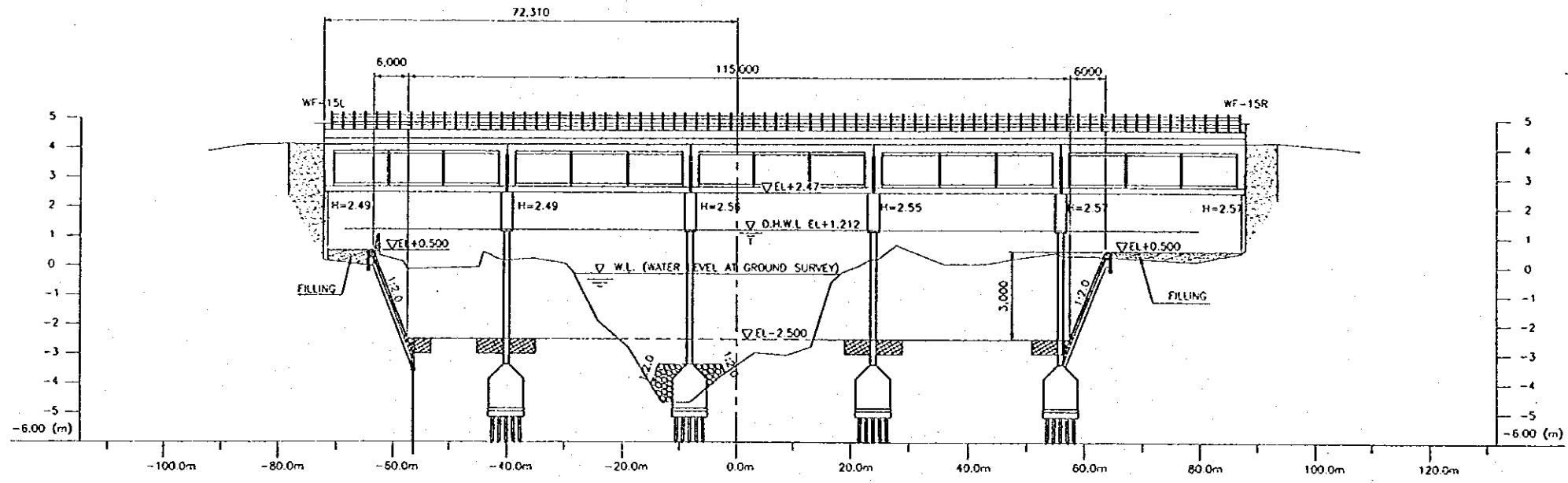
THE REPUBLIC OF INDONESIA MINISTRY OF PUBLIC WORKS DIRECTORATE GENERAL OF WATER RESOURCES DEVELOPMENT AND DIRECTORATE GENERAL OF HUMAN SETTLEMENT		PROVINCE CENTRAL JAVA
IRATUNSELUVA FLOOD CONTROL PROJECT COMPONENT: WEST FLOODWAY / GARANG RIVER IMPROVEMENT CHANNEL AND DIKE WORKS WEST FLOODWAY CROSS SECTIONS (7/39)		PROJECT NAME FLOOD CONTROL, URBAN DRAINAGE AND WATER RESOURCES DEVELOPMENT IN SEMARANG IN THE REPUBLIC OF INDONESIA
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA) IN COOPERATION WITH PACIFIC CONSULTANTS INTERNATIONAL INC. (PCI)		DISTRICT SEMARANG CITY
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA) IN COOPERATION WITH PACIFIC CONSULTANTS INTERNATIONAL INC. (PCI)		DRAWING NO. W9-P1-CH-CR.22 SHEET NO. 24
CHIEF OF PLANNING AND DESIGN PROJECT MANAGER		DATE CONTRACT NO.



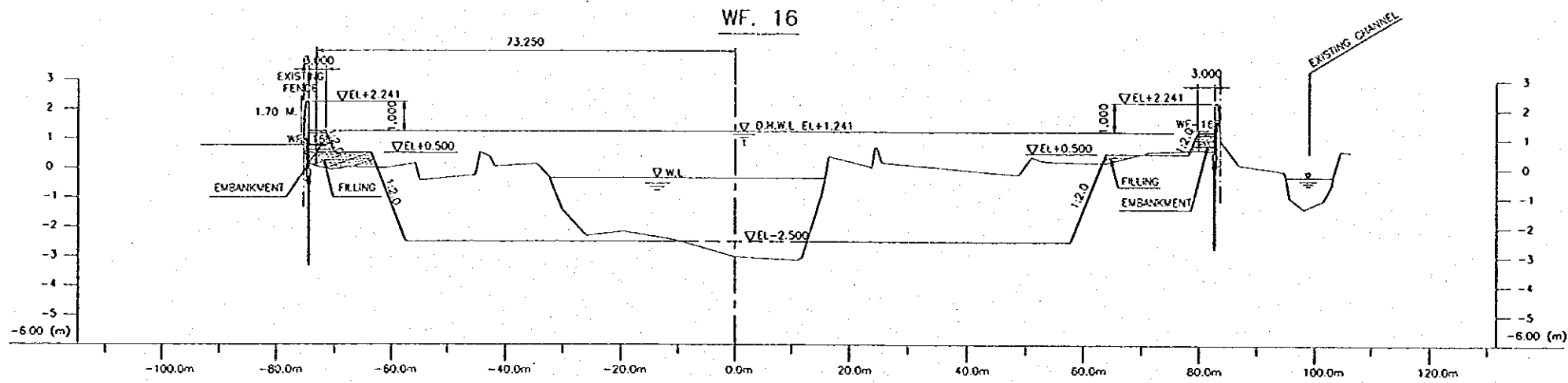
NO.	DATE	REVISIONS	ORIGINATED	DESIGNED	APPROVED

THE REPUBLIC OF INDONESIA MINISTRY OF PUBLIC WORKS DIRECTORATE GENERAL OF WATER RESOURCES DEVELOPMENT AND DIRECTORATE GENERAL OF HUMAN SETTLEMENT		PROVINCE: CENTRAL JAWA PROJECT NAME: FLOOD CONTROL, URBAN DRAINAGE AND WATER RESOURCES DEVELOPMENT IN SEMARANG IN THE REPUBLIC OF INDONESIA DISTRICT: SEMARANG CITY DRAWING NO. W3-P1-CH-Gr. 23 SHEET NO. 15
IRATUNSELANA FLOOD CONTROL PROJECT COMPONENT: WEST FLOODWAY / GARANG RIVER IMPROVEMENT CHANNEL AND DIKE WORKS WEST FLOOD WAY CROSS SECTIONS (8/39)		DATE: _____ CONTRACT NO.: _____
DESIGNED: <i>[Signature]</i> CHECKED: <i>[Signature]</i>	DESIGNED: <i>[Signature]</i> CHECKED: <i>[Signature]</i>	DATE: _____ CONTRACT NO.: _____
APPROVED: _____ CHIEF OF PLANNING AND DESIGN		DATE: _____ CONTRACT NO.: _____

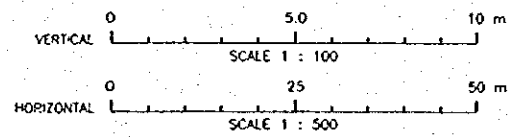
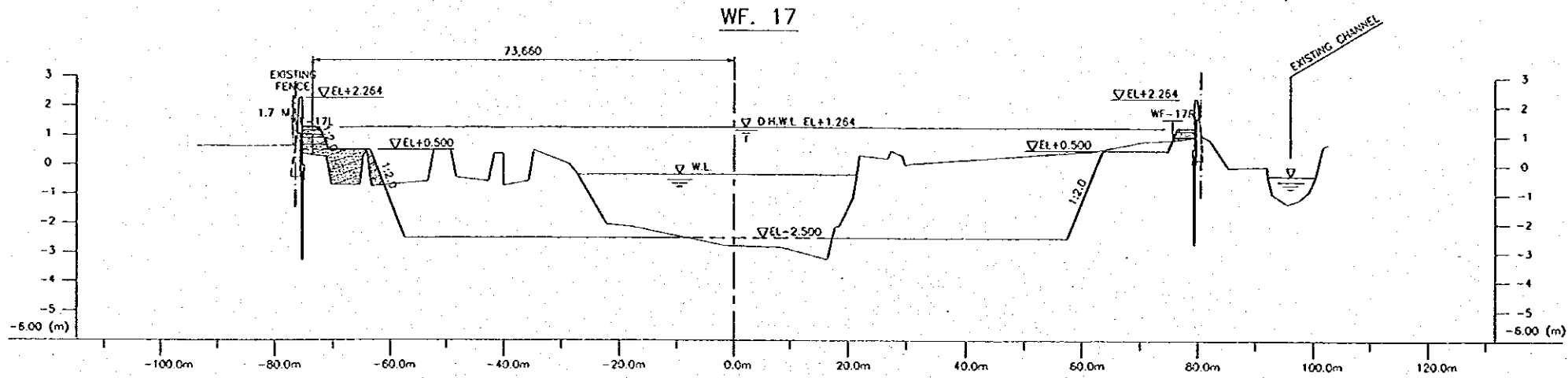
WF. 15
NORTH RING ROAD BRIDGE



WF. 16

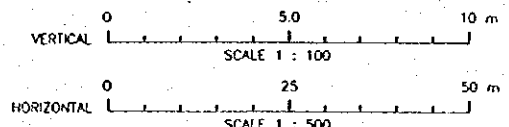
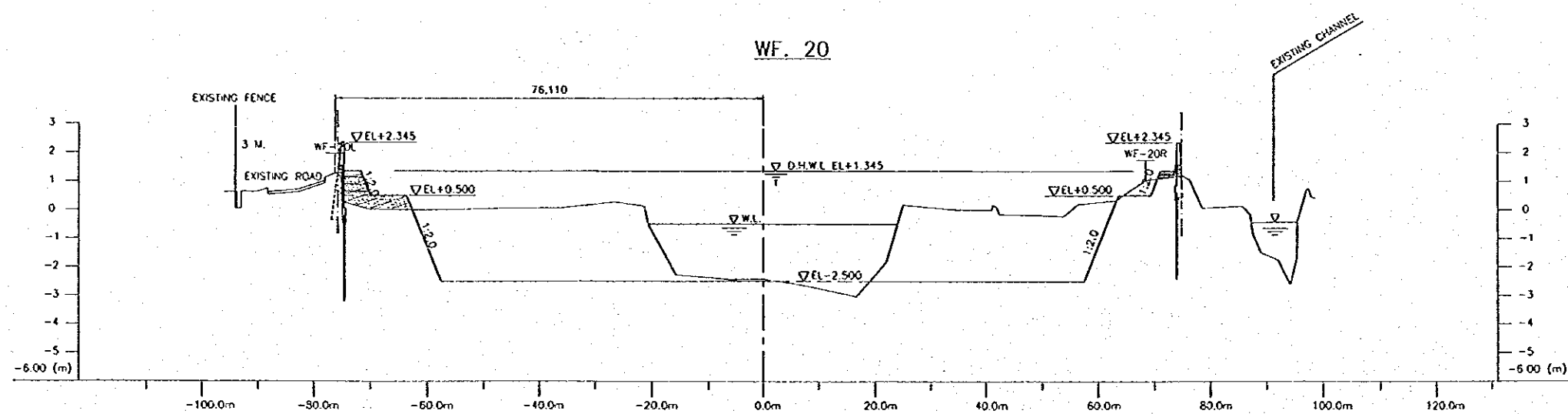
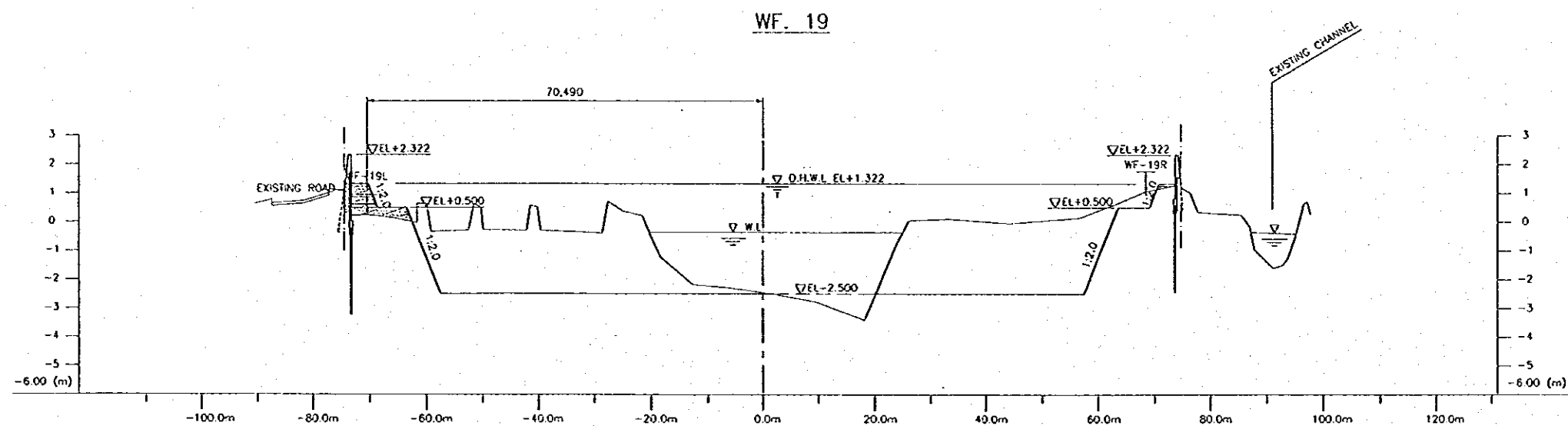
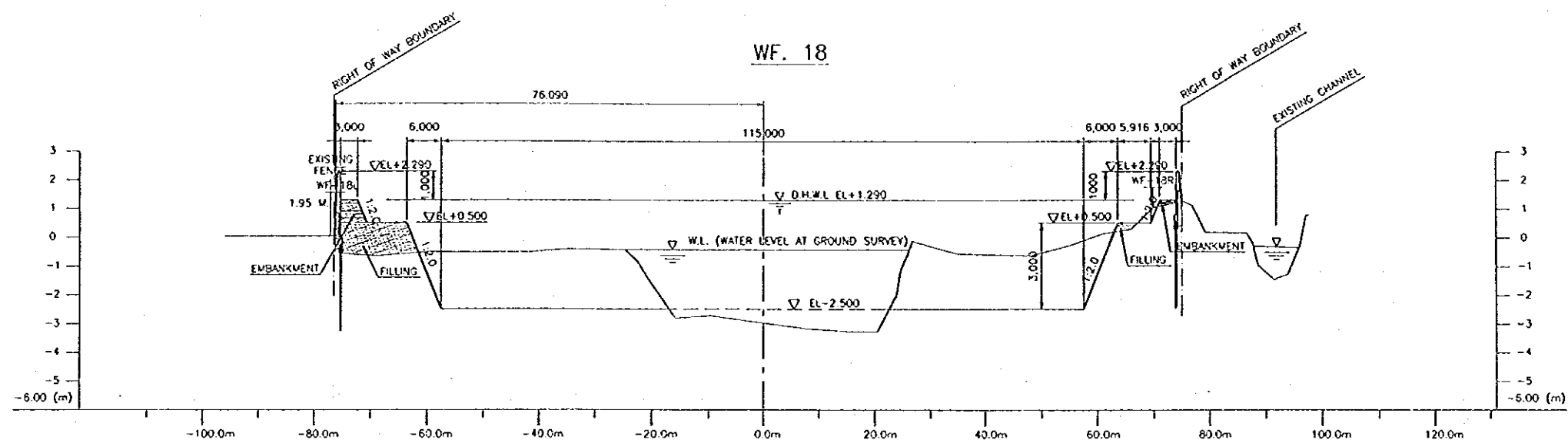


WF. 17



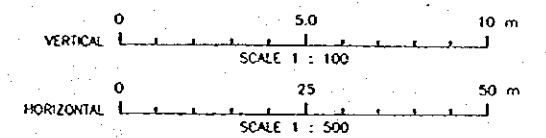
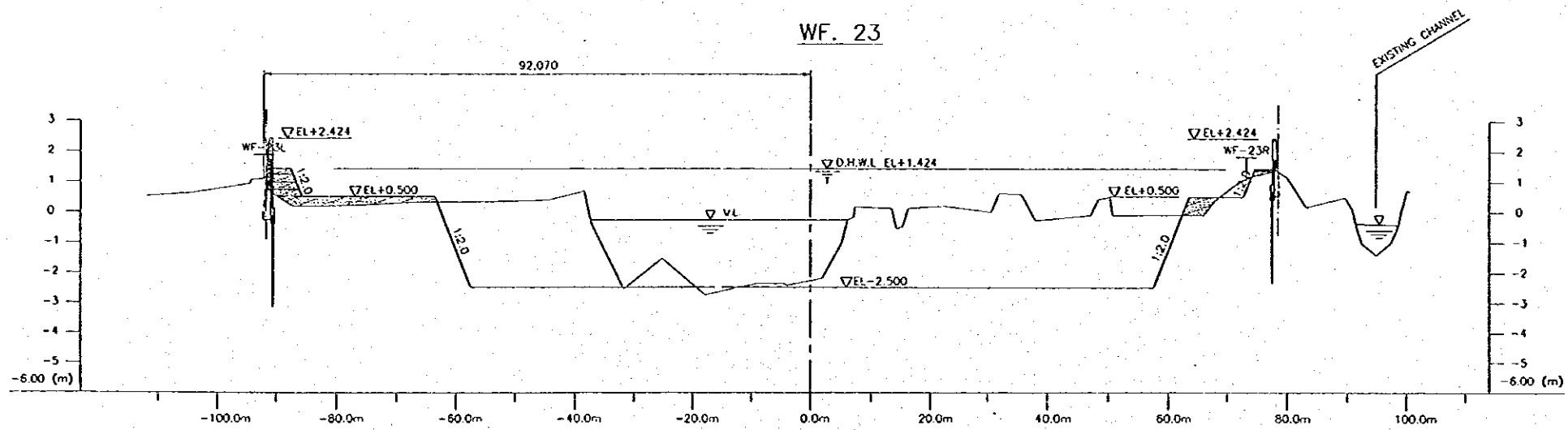
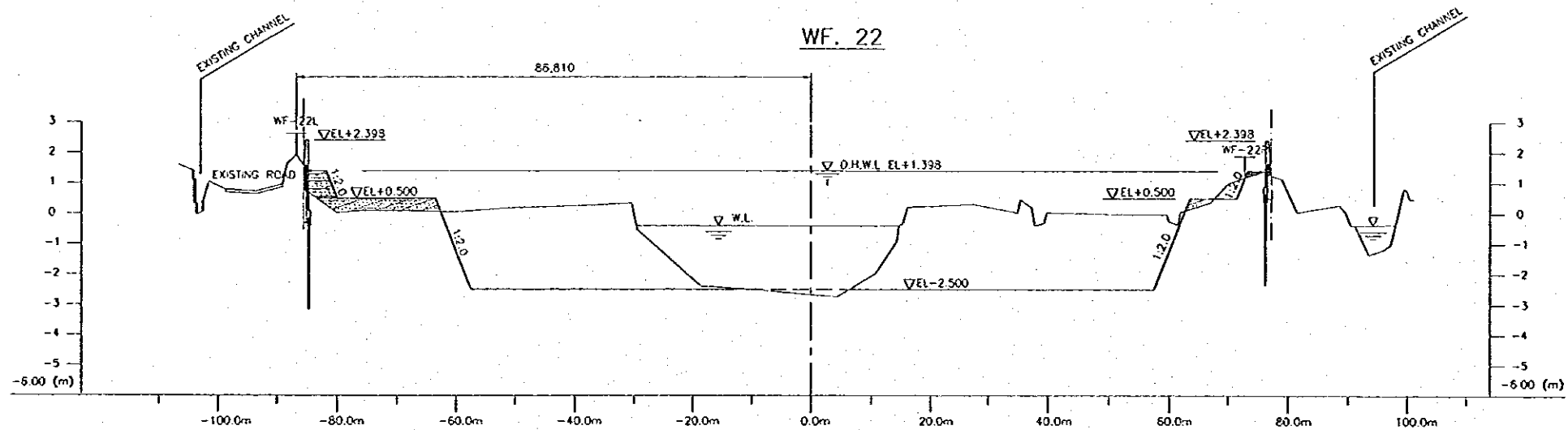
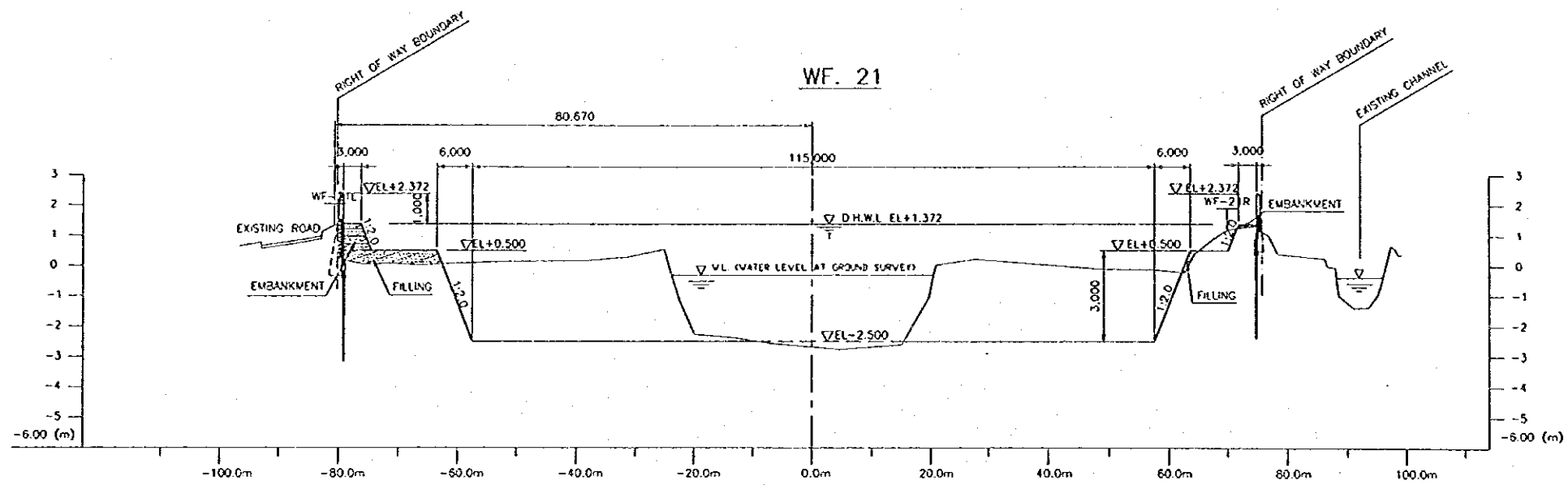
NO.	DATE	REVISIONS	ORIGINATED	DESIGNED	CHECKED	APPROVED

	THE REPUBLIC OF INDONESIA MINISTRY OF PUBLIC WORKS DIRECTORATE GENERAL OF WATER RESOURCES DEVELOPMENT AND DIRECTORATE GENERAL OF HUMAN SETTLEMENT	PROVINCE CENTRAL JAWA	
	JRATUNSELUNA FLOOD CONTROL PROJECT COMPONENT: WEST FLOODWAY / GARANG RIVER IMPROVEMENT CHANNEL AND DIKE WORKS WEST FLOODWAY CROSS SECTIONS (9/39)	PROJECT NAME FLOOD CONTROL, URBAN DRAINAGE AND WATER RESOURCES DEVELOPMENT OF SEMARANG IN THE REPUBLIC OF INDONESIA	
	JAPAN INTERNATIONAL COOPERATION AGENCY CO. ENGINEERING CO. LTD. IN ASSOCIATION WITH PACIFIC CONSULTANTS INTERNATIONAL AND TAMEO INTERNATIONAL INC.	DESIGNED CHECKED DATE	DISTRICT SEMARANG CITY
	CREEP OF PLANNING AND DESIGN PROJECT MANAGER	APPROVED	DRAWING NO. WS-P1-CH-CR-24 SHEET NO. 16 CONTRACTING



NO.	DATE	REVISIONS	ORIGINATED	DESIGNED	APPROVED

THE REPUBLIC OF INDONESIA MINISTRY OF PUBLIC WORKS DIRECTORATE GENERAL OF WATER RESOURCES DEVELOPMENT AND DIRECTORATE GENERAL OF HUMAN SETTLEMENT		PROVINCE CENTRAL JAVA
IRATUNSELUNA FLOOD CONTROL PROJECT COMPONENT: WEST FLOODWAY/OARANG RIVER IMPROVEMENT CHANNEL AND DIKE WORKS WEST FLOOD WAY CROSS SECTIONS (10/39)		PROJECT NAME FLOOD CONTROL, URBAN DRAINAGE AND WATER SUPPLY DEVELOPMENT IN SEMARANG IN THE REPUBLIC OF INDONESIA
JAPAN INTERNATIONAL COOPERATION AGENCY CITY ENGINEERING CO., LTD. IN ASSOCIATION WITH PACIFIC CONSULTANTS INTERNATIONAL AND PANGLOSS INTERNATIONAL INC.		DISTRICT SEMARANG CITY
DESIGNED CHECKED		DRAWING NO. WS-P1-CH-CF.25 SHEET NO. 27
APPROVED PROJECT MANAGER		DATE CONTRACT NO.



NO.	DATE	REVISIONS	ORIGINATED	DISKINED	APPROVED

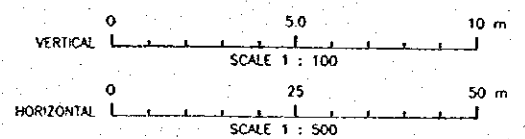
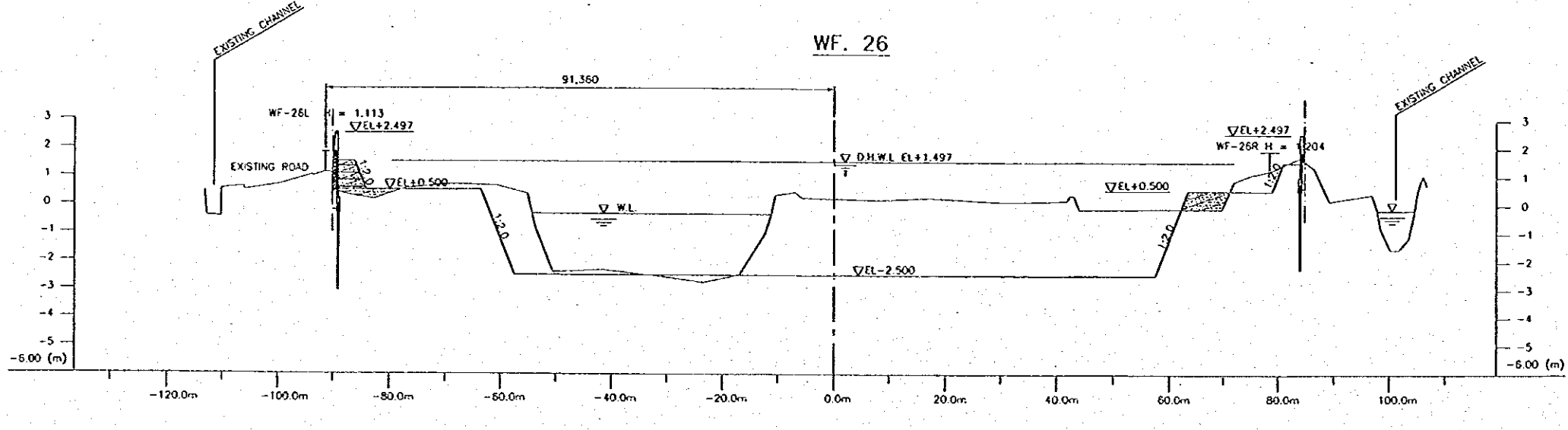
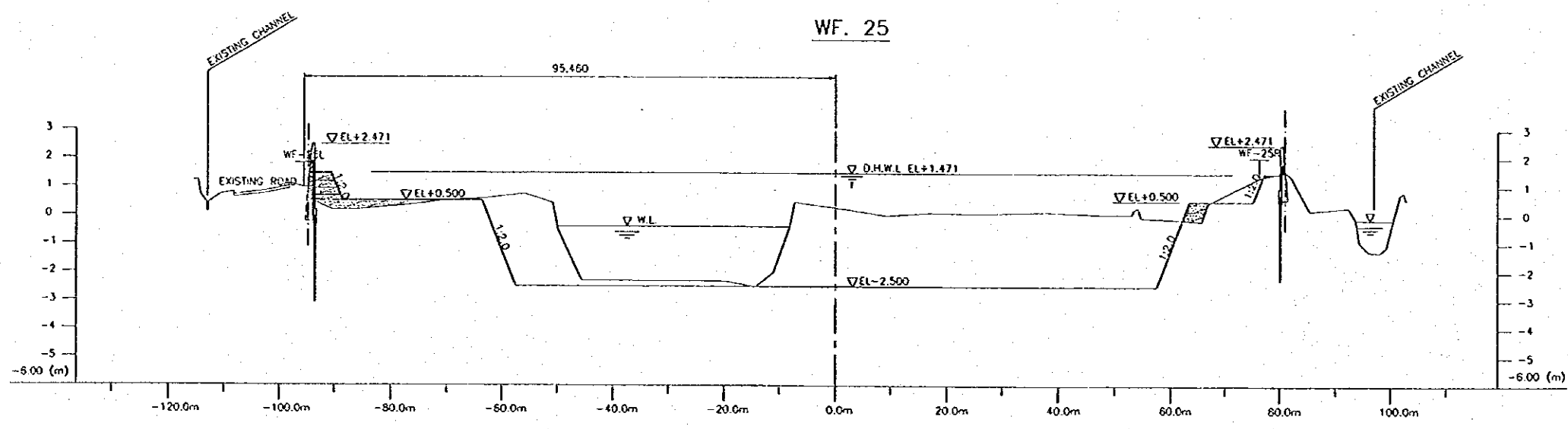
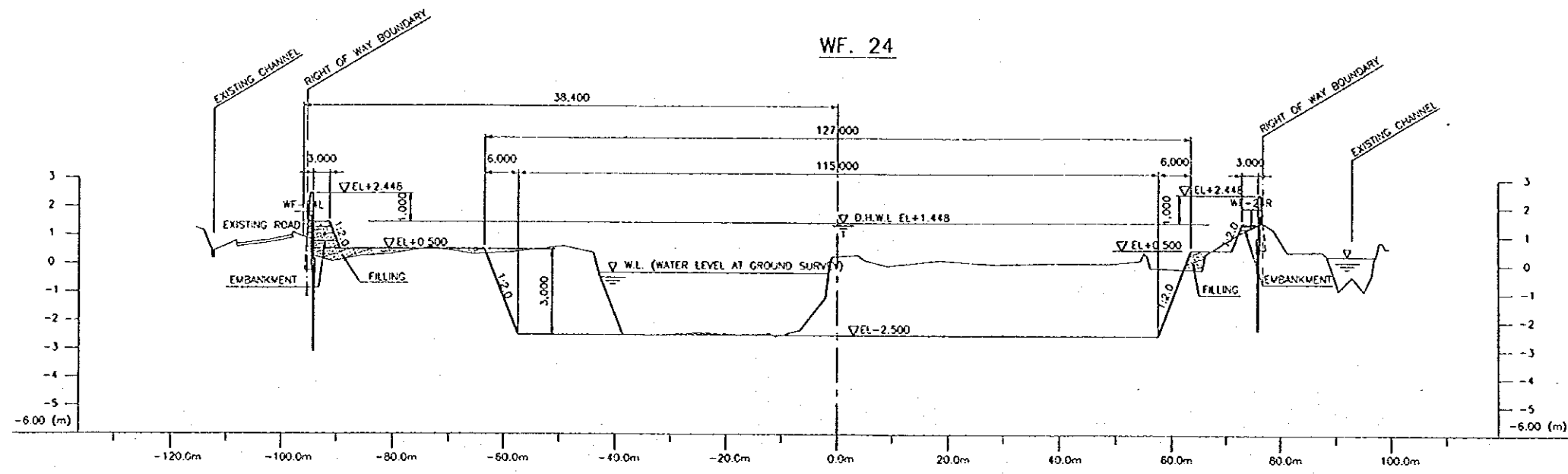
THE REPUBLIC OF INDONESIA
 MINISTRY OF PUBLIC WORKS
 DIRECTORATE GENERAL OF WATER RESOURCES DEVELOPMENT
 AND DIRECTORATE GENERAL OF HUMAN SETTLEMENT
 PRATUNSELUNA FLOOD CONTROL PROJECT
 COMPONENT: WEST FLOODWAY / GARANG RIVER IMPROVEMENT
 CHANNEL AND DIKE WORKS
 WEST FLOOD WAY
 CROSS SECTIONS (41/39)

DESIGNED: [Signature]
 CHECKED: [Signature]

LIAISON INTERNATIONAL CONSULTING AGENCY
 CITI ENGINEERING CO., LTD. # JAPAN-INDONESIA
 PACIFIC CONSULTANTS INTERNATIONAL #8
 PABCO INTERNATIONAL INC.

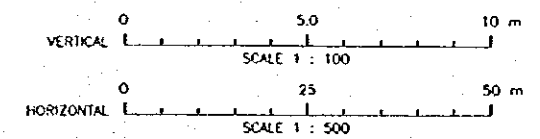
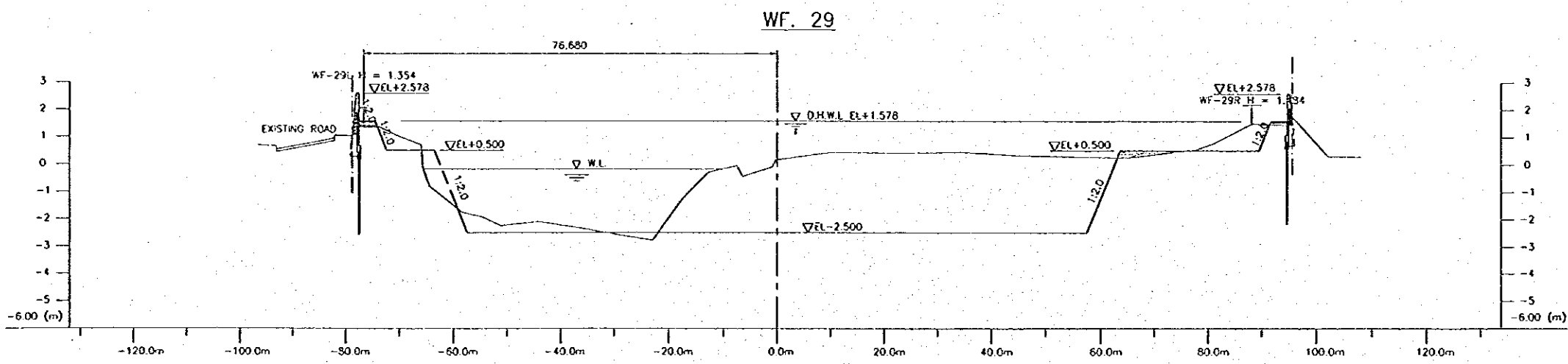
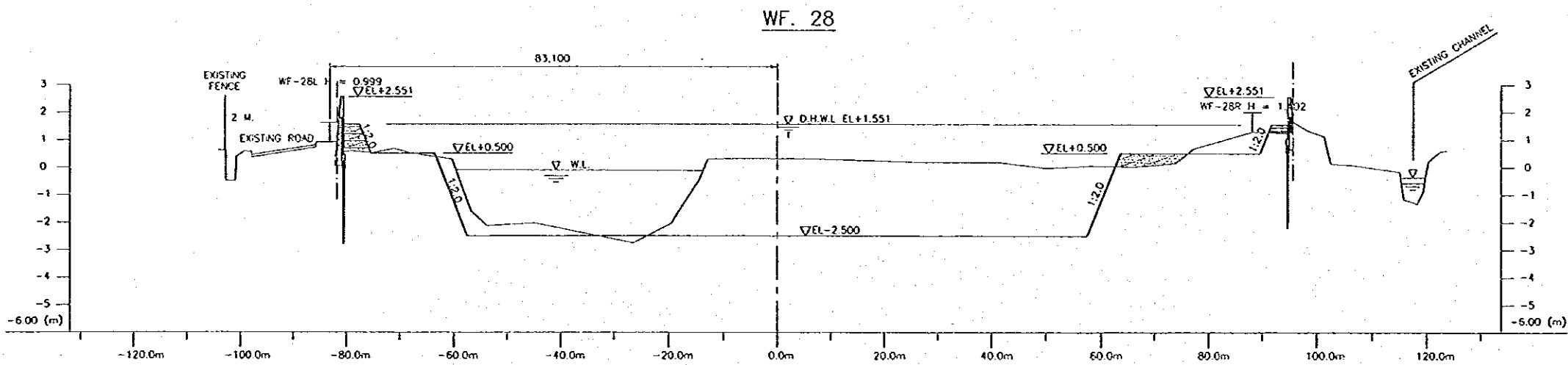
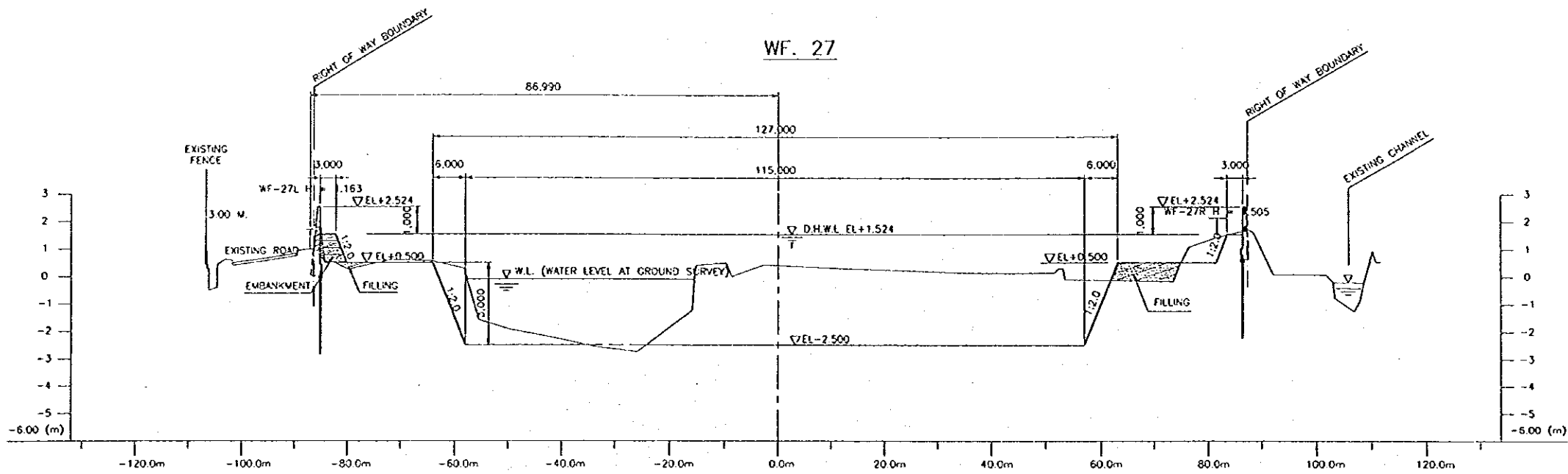
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 CHIEF OF PLANNING AND DESIGN
 PROJECT MANAGER

PROVINCE: CENTRAL JAVA
 PROJECT NAME: FLOOD CONTROL, URBAN DRAINAGE AND WATER RESOURCE DEVELOPMENT OF SEMARANG IN THE REPUBLIC OF INDONESIA
 DISTRICT: SEMARANG CITY
 DRAWING NO. W6-P1-CH-Cr.26
 SHEET NO. 26
 DATE: []
 CONTRACT NO.: []



NO.	DATE	REVISIONS	ORIGINATED	DESIGNED	APPROVED

	THE REPUBLIC OF INDONESIA MINISTRY OF PUBLIC WORKS DIRECTORATE GENERAL OF WATER RESOURCES DEVELOPMENT AND DIRECTORATE GENERAL OF HUMAN SETTLEMENT	PROVINCE CENTRAL JAWA
	BRATUNSELUNA FLOOD CONTROL PROJECT COMPONENT: WEST FLOODWAY / GARANO RIVER IMPROVEMENT CHANNEL AND DIKE WORKS WEST FLOOD WAY CROSS SECTIONS (12/39)	PROJECT NAME FLOOD CONTROL, URBAN DRAINAGE AND WATER RESOURCES DEVELOPMENT BY SEMARANG IN THE REPUBLIC OF INDONESIA
	JAPAN INTERNATIONAL COOPERATION AGENCY OCE ENGINEERING CO. LTD. IN ASSOCIATION WITH PACIFIC CONSULTANTS INTERNATIONAL AND PANGLOSS INTERNATIONAL, INC.	DISTRICKT SEMARANG CITY DRAWING NO. WB - FC - CH - Cr. 27 SHEET NO. 29
	DESIGNED CHECKED DATE CONTRACT NO.	PROJECT MANAGER

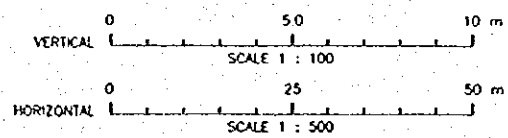
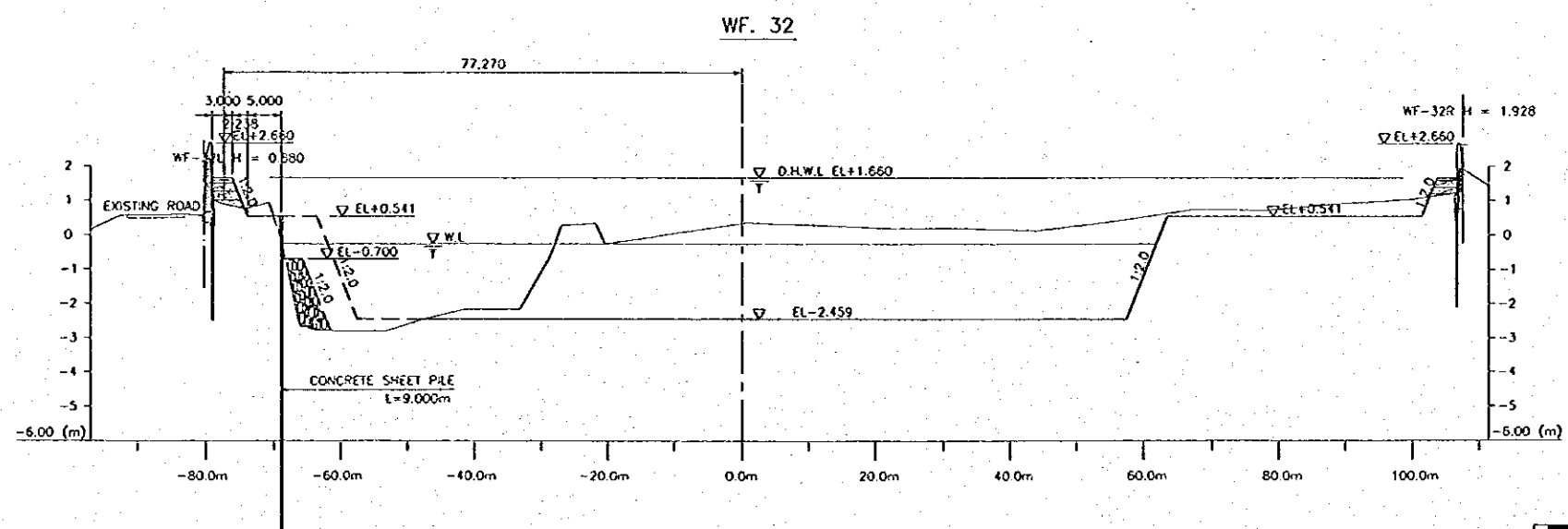
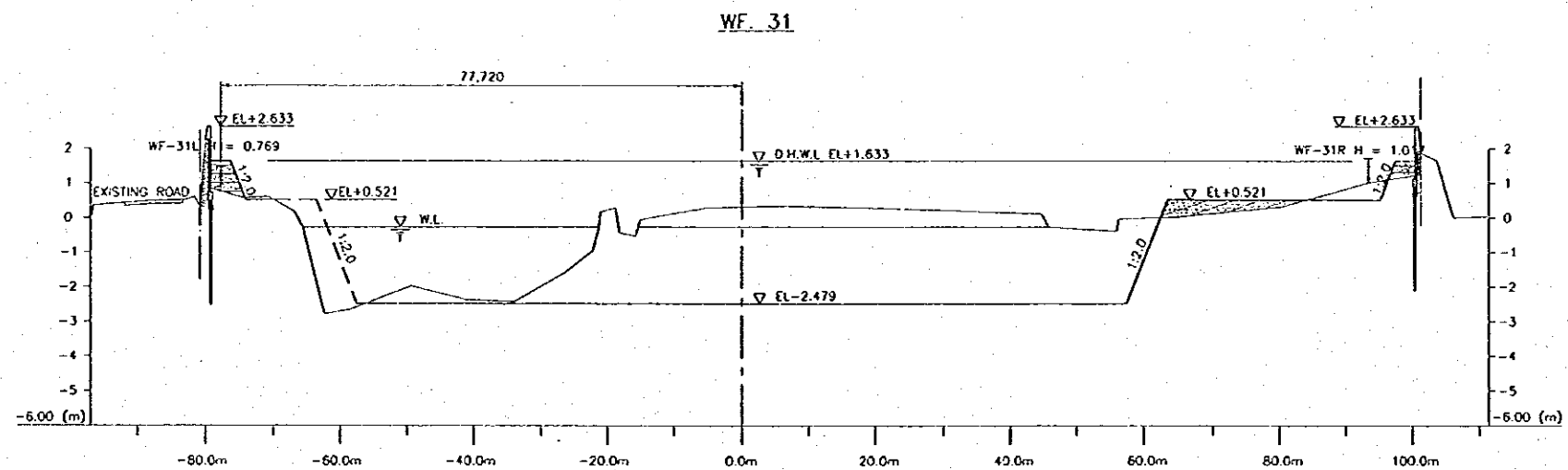
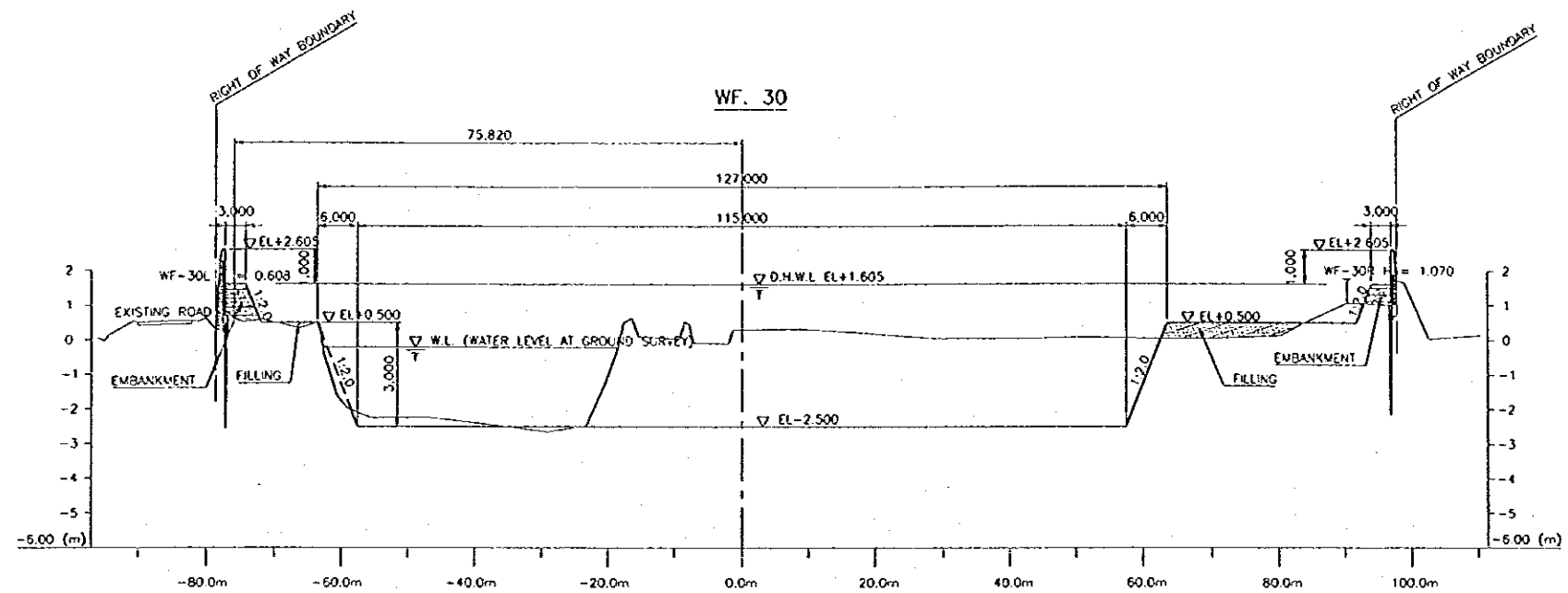


NO.	DATE	REVISIONS	ORIGINATED	DESIGNED	APPROVED

THE REPUBLIC OF INDONESIA
 MINISTRY OF PUBLIC WORKS
 DIRECTORATE GENERAL OF WATER RESOURCES DEVELOPMENT
 AND DIRECTORATE GENERAL OF HUMAN SETTLEMENT
 BRATUNGSILUNA FLOOD CONTROL PROJECT
 COMPONENT: WEST FLOODWAY / GARANG RIVER IMPROVEMENT
 CHANNEL AND DIKE WAY
 WEST FLOODWAY
 CROSS SECTIONS (13/39)

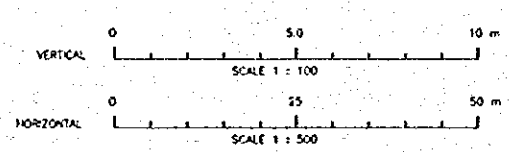
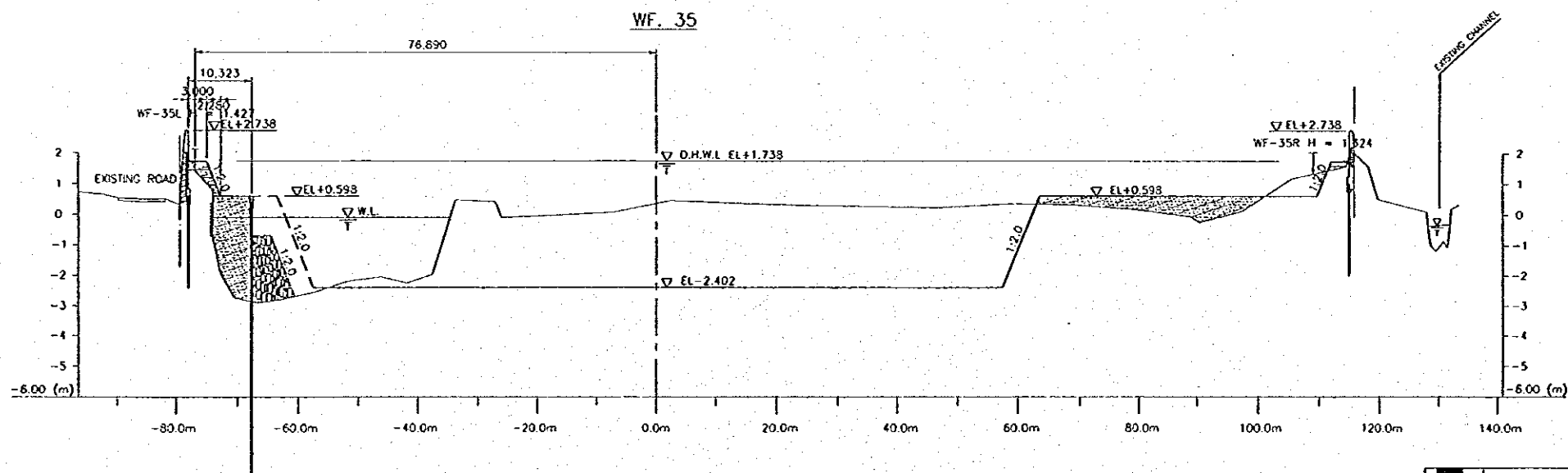
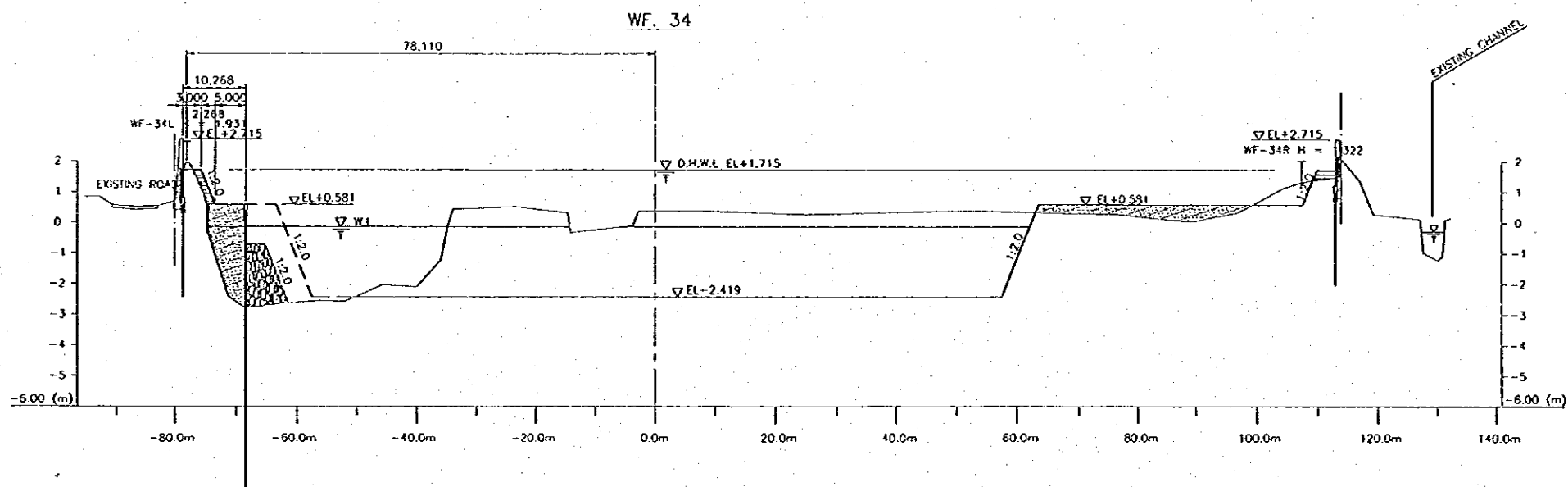
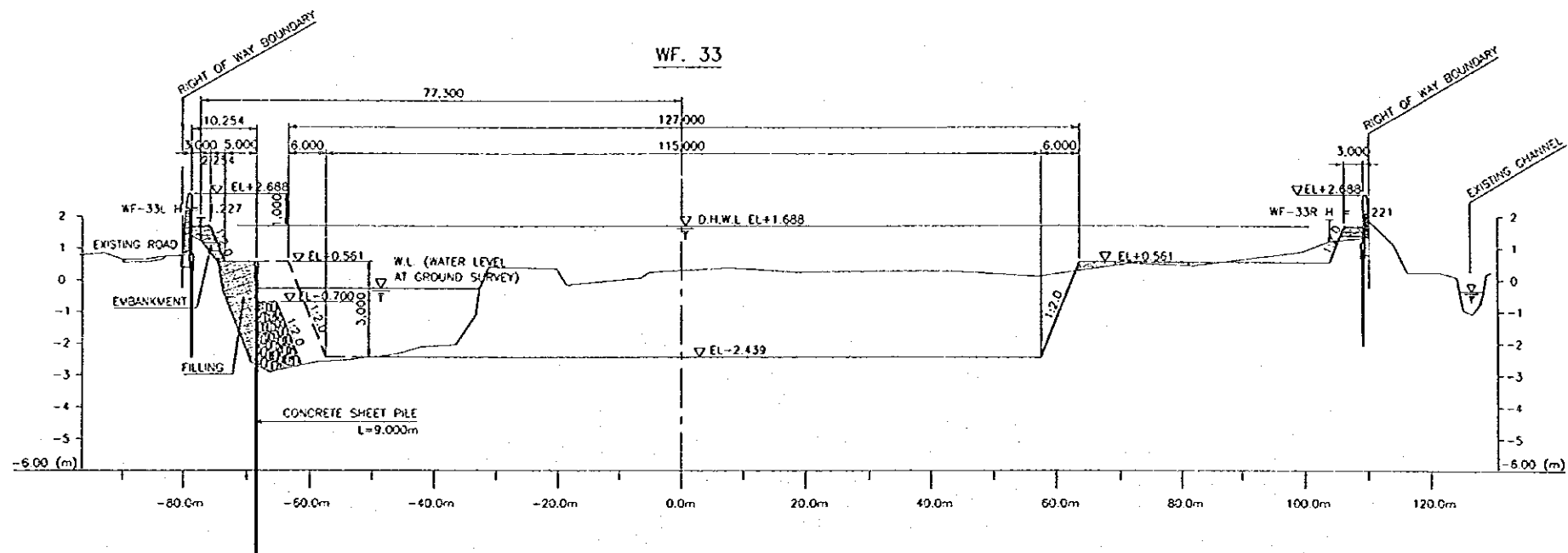
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 CHECKED: [Signature]
 CROPPED: [Signature]
 PROJECT MANAGER: [Signature]

PROVINCE	CENTRAL JAVA
PROJECT NAME	FLOOD CONTROL, URBAN DRAINAGE AND WATER RESOURCES DEVELOPMENT IN SOERABAYA IN THE REPUBLIC OF INDONESIA
DISTRICT	SEMARANG CITY
DRAWING NO.	W9-P1-CH-Cr. 28
SHEET NO.	38
DATE	CONTRACT NO.



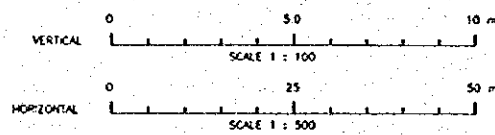
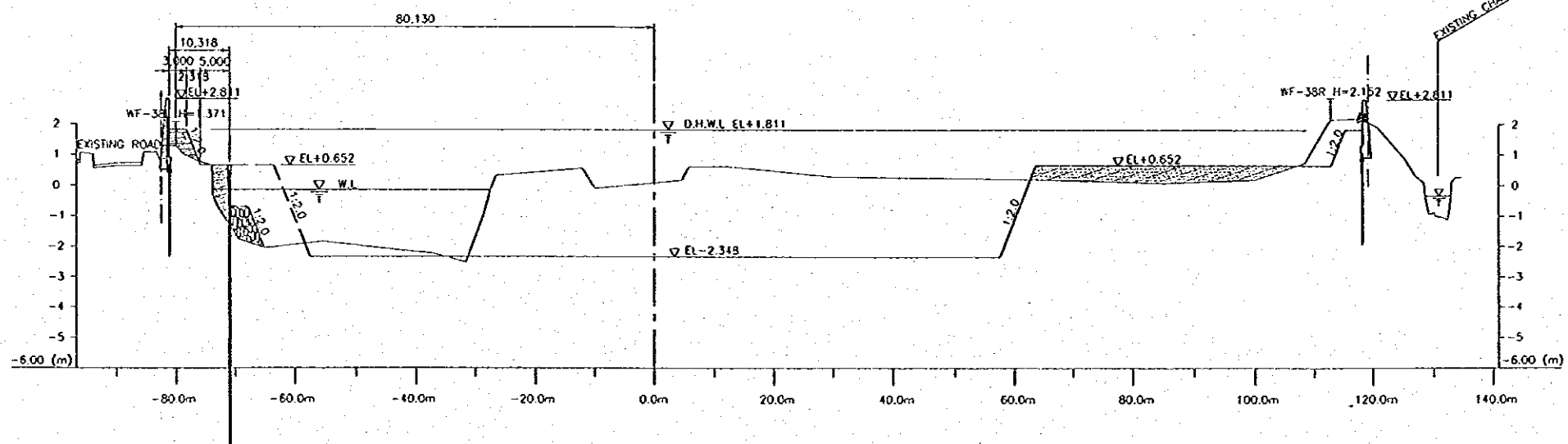
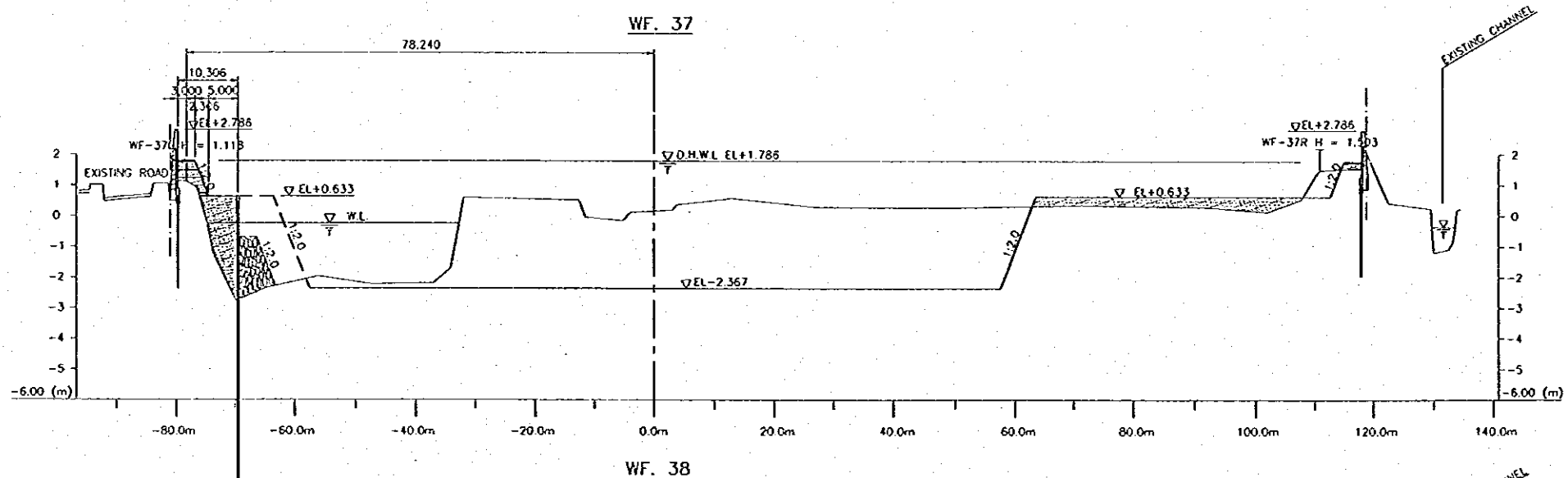
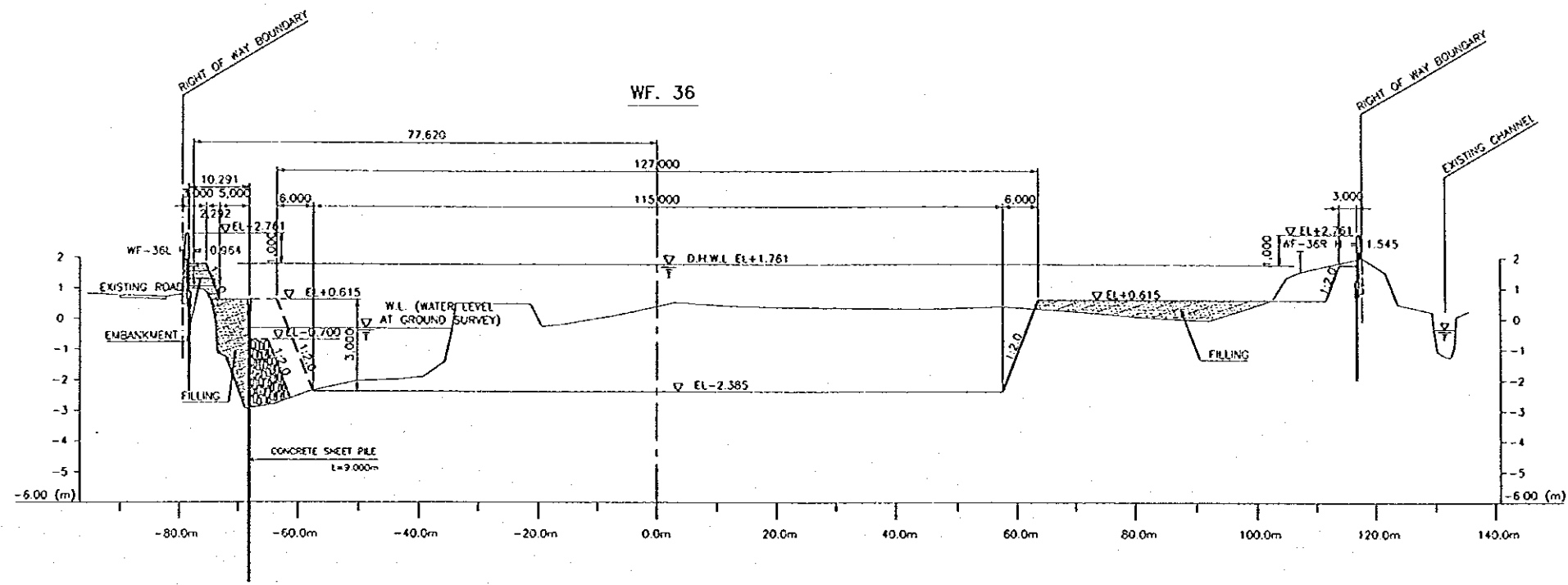
NO.	DATE	REVISIONS	ORIGINATED	DESIGNED	APPROVED

THE REPUBLIC OF INDONESIA MINISTRY OF PUBLIC WORKS DIRECTORATE GENERAL OF WATER RESOURCES DEVELOPMENT AND DIRECTORATE GENERAL OF HUMAN SETTLEMENT		PROVINCE CENTRAL JAVA
IRATUNSELUVA FLOOD CONTROL PROJECT COMPONENT: WEST FLOODWAY / GARANO RIVER IMPROVEMENT CHANNEL AND DIKE WORKS WEST FLOOD WAY CROSS SECTIONS (14 / 39)		PROJECT NAME FLOOD CONTROL, URBAN DRAINAGE AND WATER RESOURCES DEVELOPMENT IN SEMARANG IN THE REPUBLIC OF INDONESIA
JAPAN INTERNATIONAL COOPERATION AGENCY CTE ENGINEERING CO. LTD. IN ASSOCIATION WITH PACIFIC CONSULTANTS INTERNATIONAL AND PAKO ENGINEERING INC.		DISTRICT SEMARANG CITY
DESIGNED CHECKED CHIEF OF PLANNING AND DESIGN	DATE CONTRACT NO.	DRAWING NO. W-0-P1-CH-Cr. 29 SHEET NO. 31



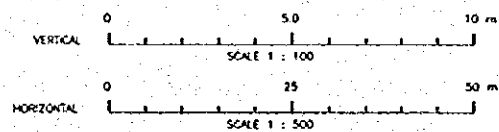
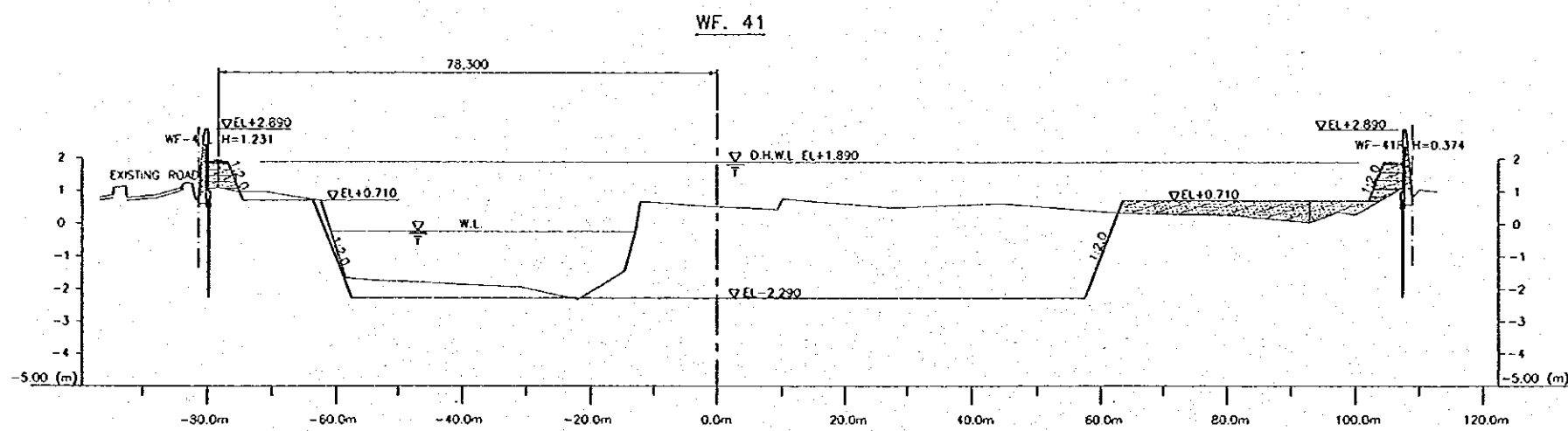
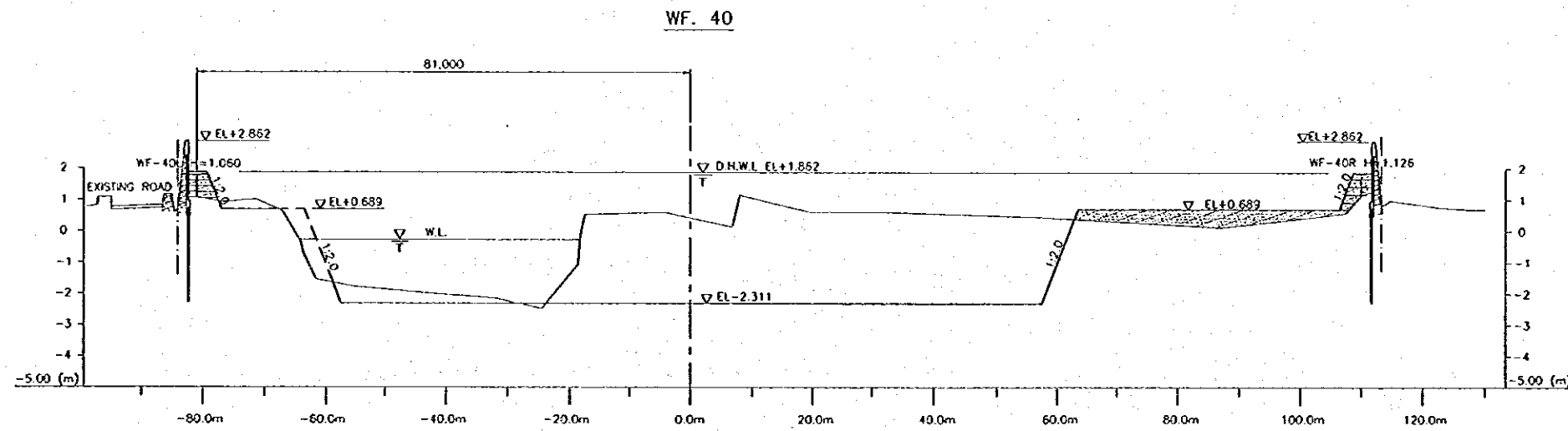
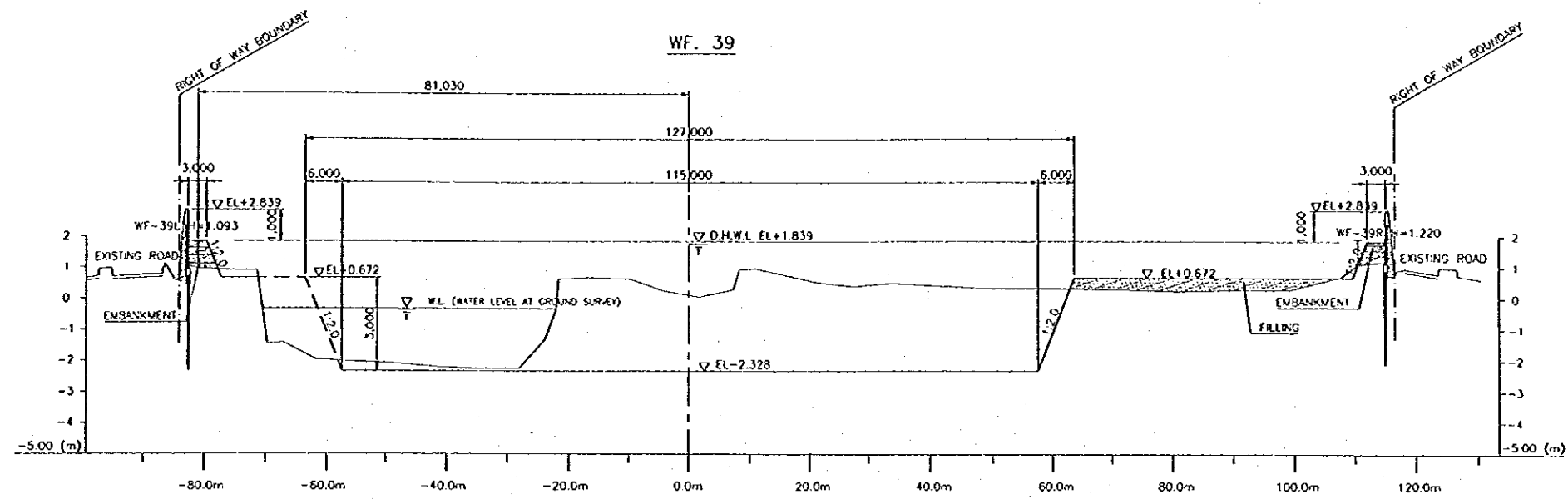
NO.	DATE	REVISIONS	ORIGINATED	DESIGNED	APPROVED

THE REPUBLIC OF INDONESIA MINISTRY OF PUBLIC WORKS DIRECTORATE GENERAL OF WATER RESOURCES DEVELOPMENT AND DIRECTORATE GENERAL OF HUMAN SETTLEMENT		PROVIDER PT. CENTRAL JAYA
TRATUNSELUNA FLOOD CONTROL PROJECT COMPONENT: WEST FLOODWAY / GARANO RIVER IMPROVEMENT CHANNEL AND DIKE WORKS WEST FLOOD WAY CROSS SECTIONS (15/39)		PROJECT NAME FLOOD CONTROL, URBAN DRAINAGE AND WATER RESOURCES DEVELOPMENT IN SEMARANG IN THE REPUBLIC OF INDONESIA
JAPAN INTERNATIONAL COOPERATION AGENCY OJI KENROUSHI CO. LTD. IN ASSOCIATION WITH PACIFIC CONSULTANTS INTERNATIONAL CO. (PACIC) INTERNATIONAL INC.		DISTRICT SEMARANG CITY DRAWING NO. W3-P1-CH-Cr.30 SHEET NO. 32
DESIGNED CHECKED CHIEF OF PLANNING AND DESIGN	DATE CONTRACT NO.	APPROVED PROJECT MANAGER



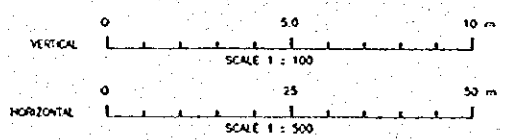
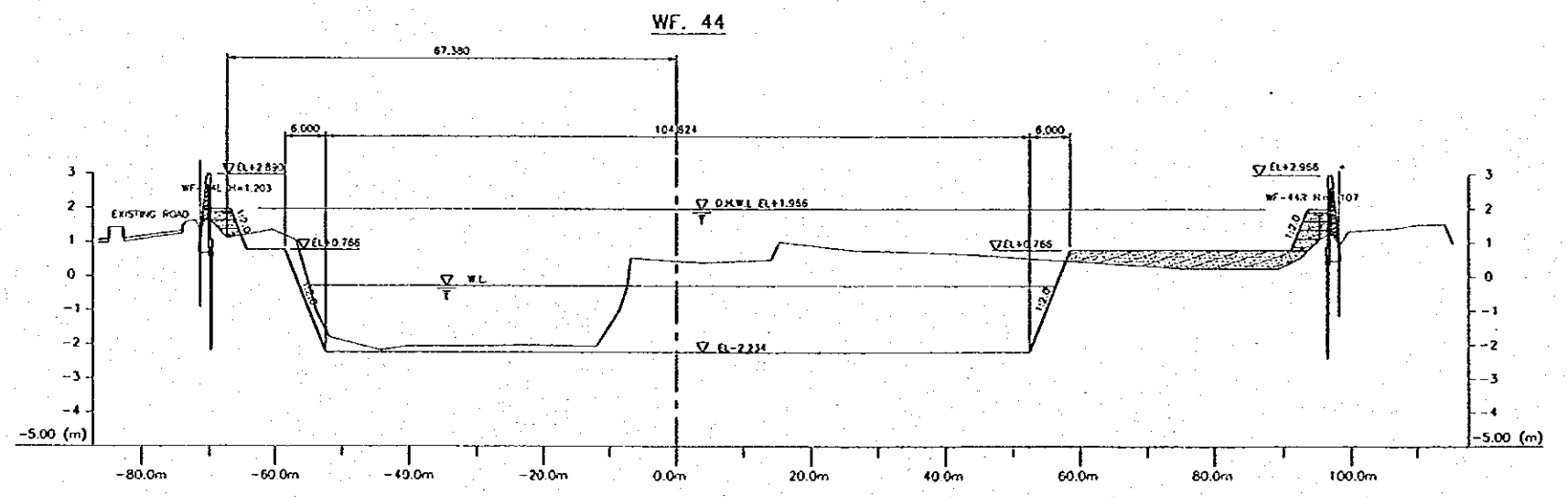
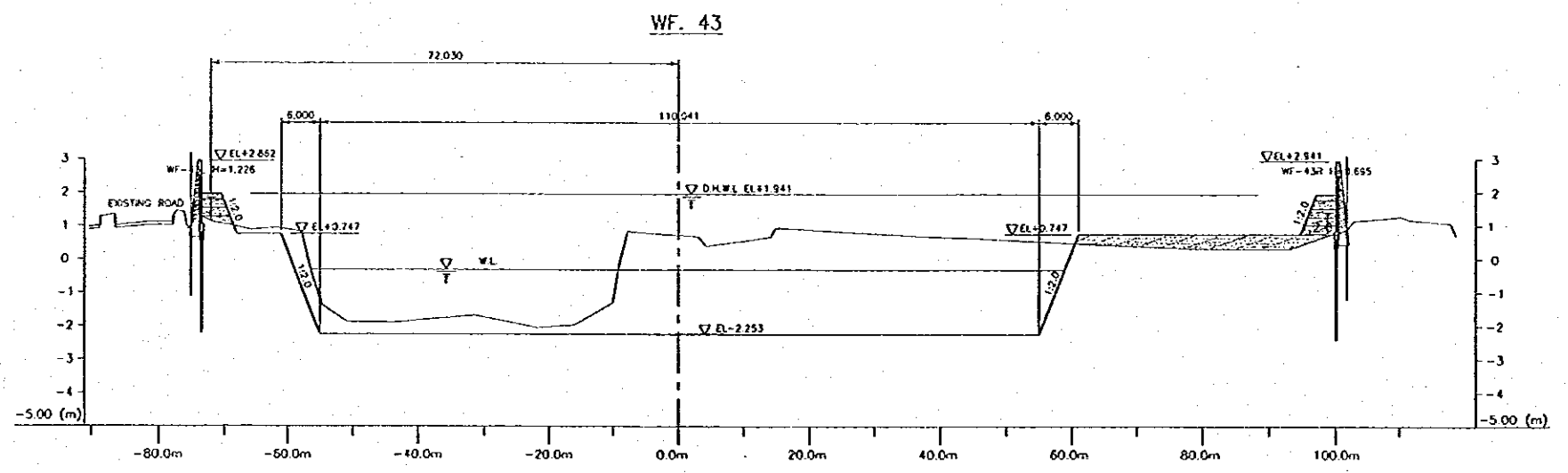
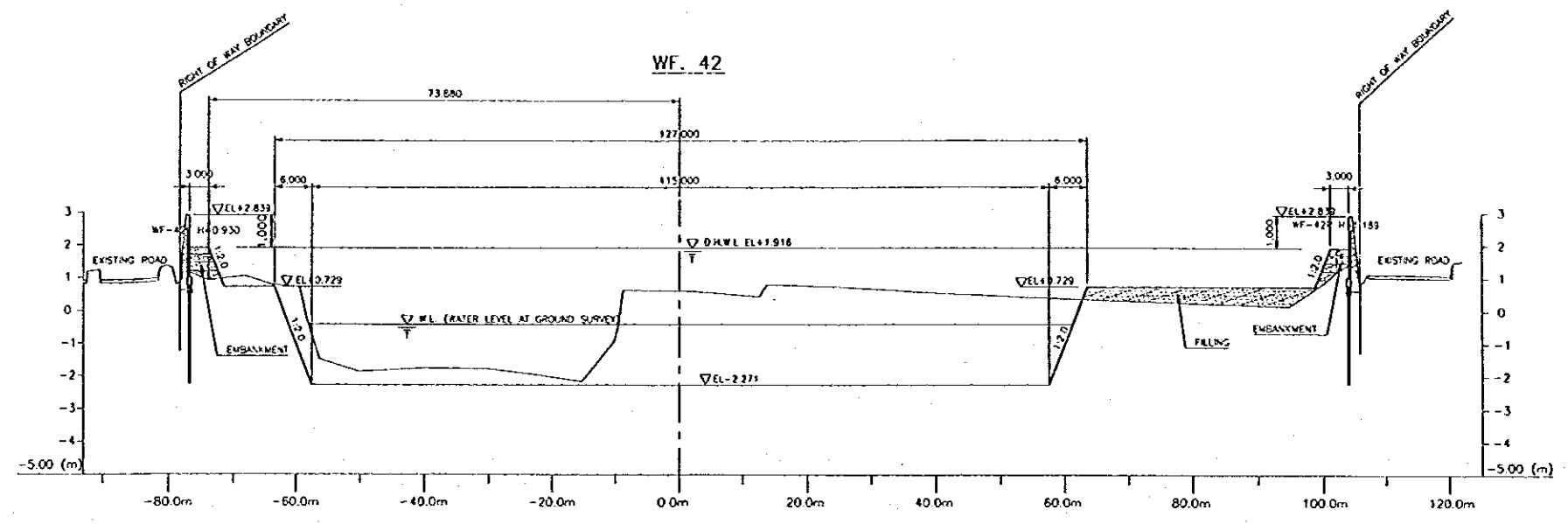
NO.	DATE	REVISIONS	ORIGINATED	DESIGNED	APPROVED

THE REPUBLIC OF INDONESIA MINISTRY OF PUBLIC WORKS DIRECTORATE GENERAL OF WATER RESOURCES DEVELOPMENT AND DIRECTORATE GENERAL OF HUMAN SETTLEMENT		PROVINCE CENTRAL JAVA
PRATUNSELUNA FLOOD CONTROL PROJECT COMPONENT: WEST FLOODWAY / GARANG RIVER IMPROVEMENT CHANNEL AND DIKE WORKS WEST FLOOD WAY CROSS SECTIONS (16/39)		PROJECT NAME FLOOD CONTROL, URBAN DRAINAGE AND WATER RESOURCES DEVELOPMENT IN SEMARANG IN THE REPUBLIC OF INDONESIA
JAWA INTERNATIONAL COOPERATIVE AGENCY CIL ENGINEERING CO., LTD. IN ASSOCIATION WITH PACIFIC CONSULTANTS INTERNATIONAL AND PACIFIC INTERNATIONAL INC.		DISTRICT SEMARANG CITY
CHIEF OF PLANNING AND DESIGN PROJECT MANAGER		DRAWING NO. WS-P1-CH-Cr.34 SHEET NO. 33
DESIGNED <i>[Signature]</i>	CHECKED <i>[Signature]</i>	DATE CONTRACT NO.



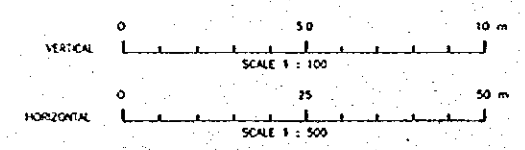
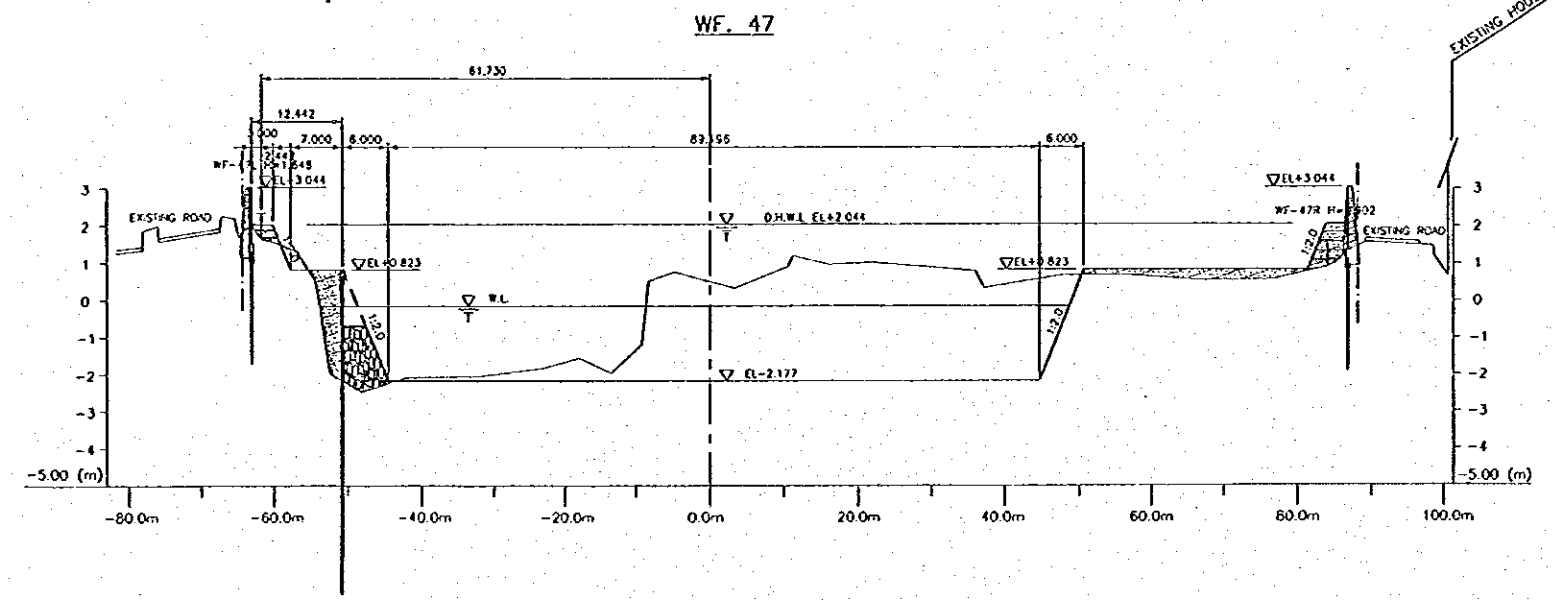
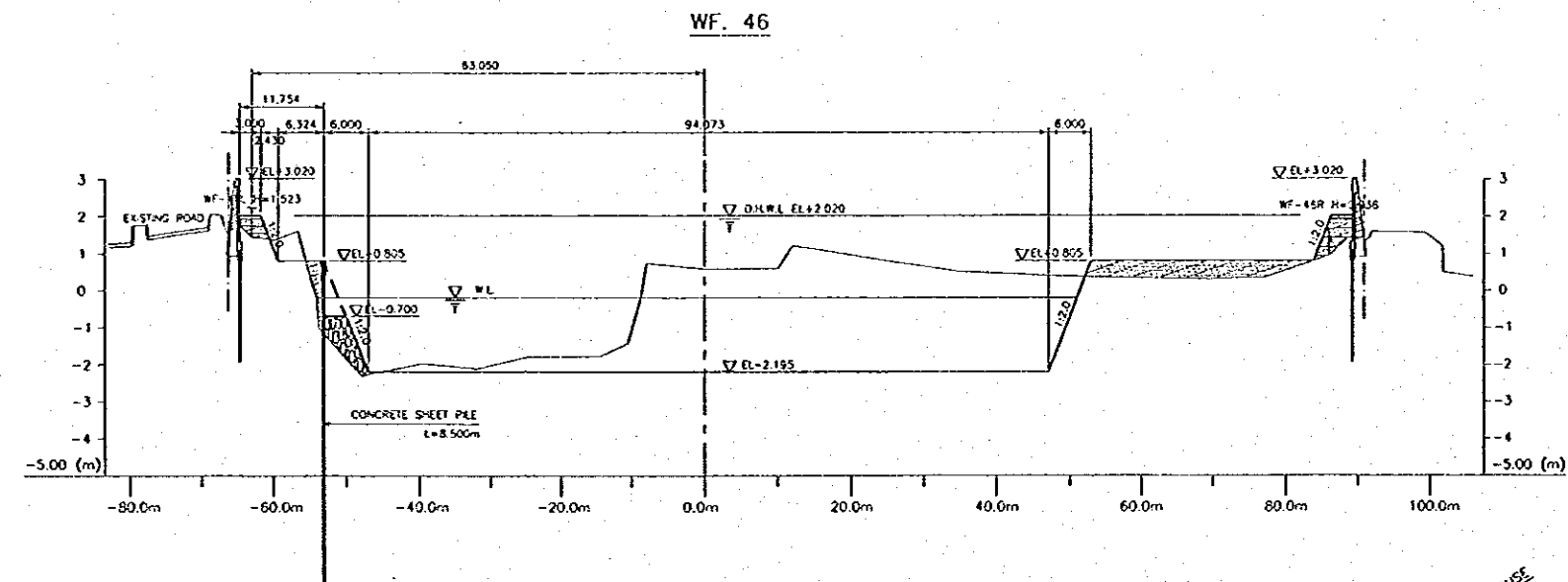
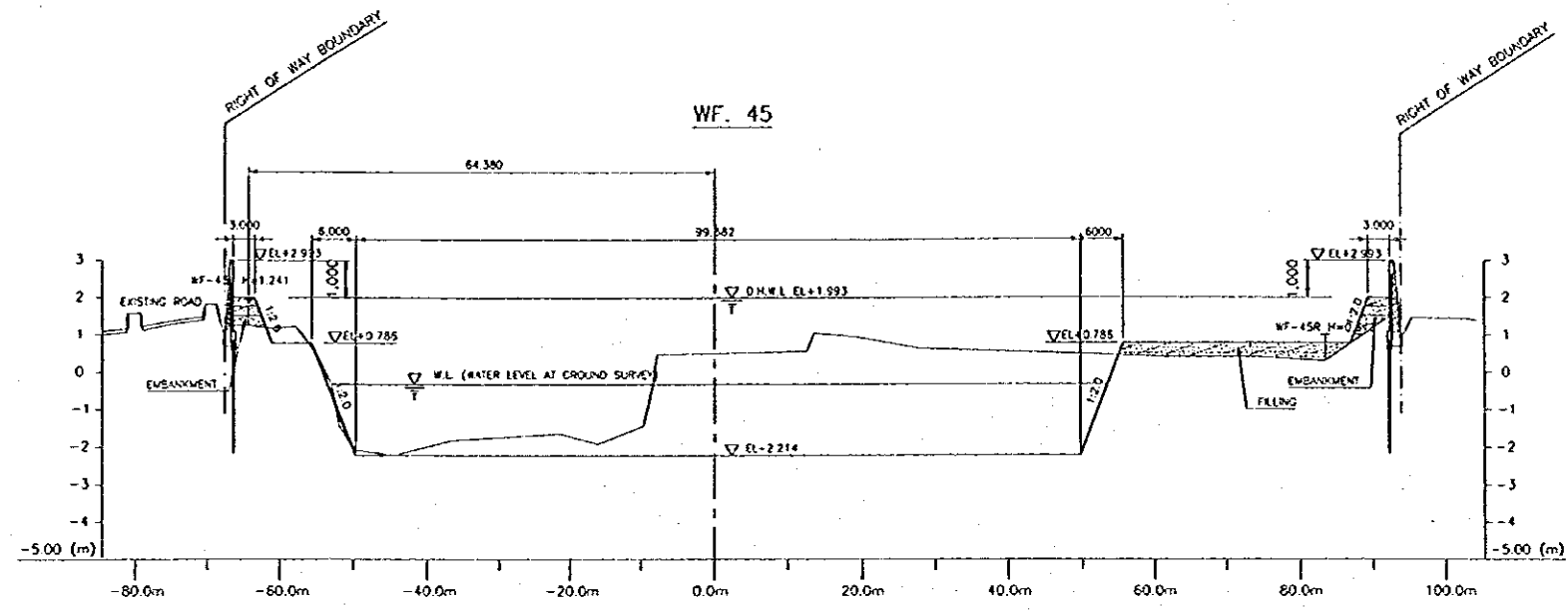
NO.	DATE	REVISION	ORIGINATED	DESIGNED	APPROVED	APPROVED

THE REPUBLIC OF INDONESIA MINISTRY OF PUBLIC WORKS DIRECTORATE GENERAL OF WATER RESOURCES DEVELOPMENT AND DIRECTORATE GENERAL OF HUMAN SETTLEMENT		PROVINCE CENTRAL JAWA
JRA TUNSELUMA FLOOD CONTROL PROJECT COMPONENT: WEST FLOODWAY / GARANG RIVER IMPROVEMENT CHANNEL AND DIKE WAY WORKS WEST FLOOD WAY CROSS SECTIONS (17/39)		PROJECT NAME FLOOD CONTROL, URBAN DRAINAGE AND WATER RESOURCES DEVELOPMENT IN SEMARANG IN THE REPUBLIC OF INDONESIA
JAPAN INTERNATIONAL COOPERATION AGENCY JICA ENGINEERING CO., LTD. IN ASSOCIATION WITH PACIFIC CONSULTANTS INTERNATIONAL AND FACULTY OF NATURAL SCIENCES		DISTRICT SEMARANG CITY
DESIGNED: [Signature] CHECKED: [Signature]		DRAWING NO. WG - P1 - CH - Cr. 32 SHEET NO. 34
CHIEF OF PLANNING AND DESIGN PROJECT MANAGER		DATE CONTRACT NO.



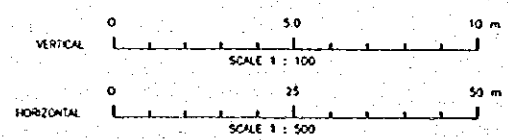
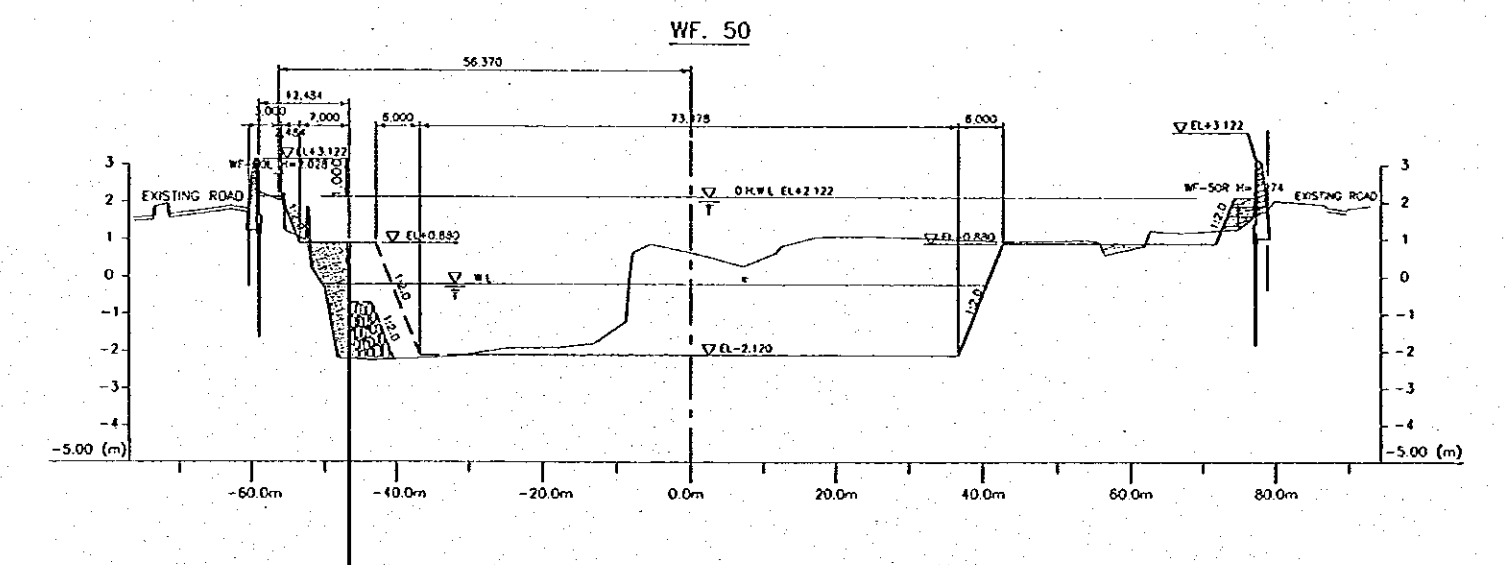
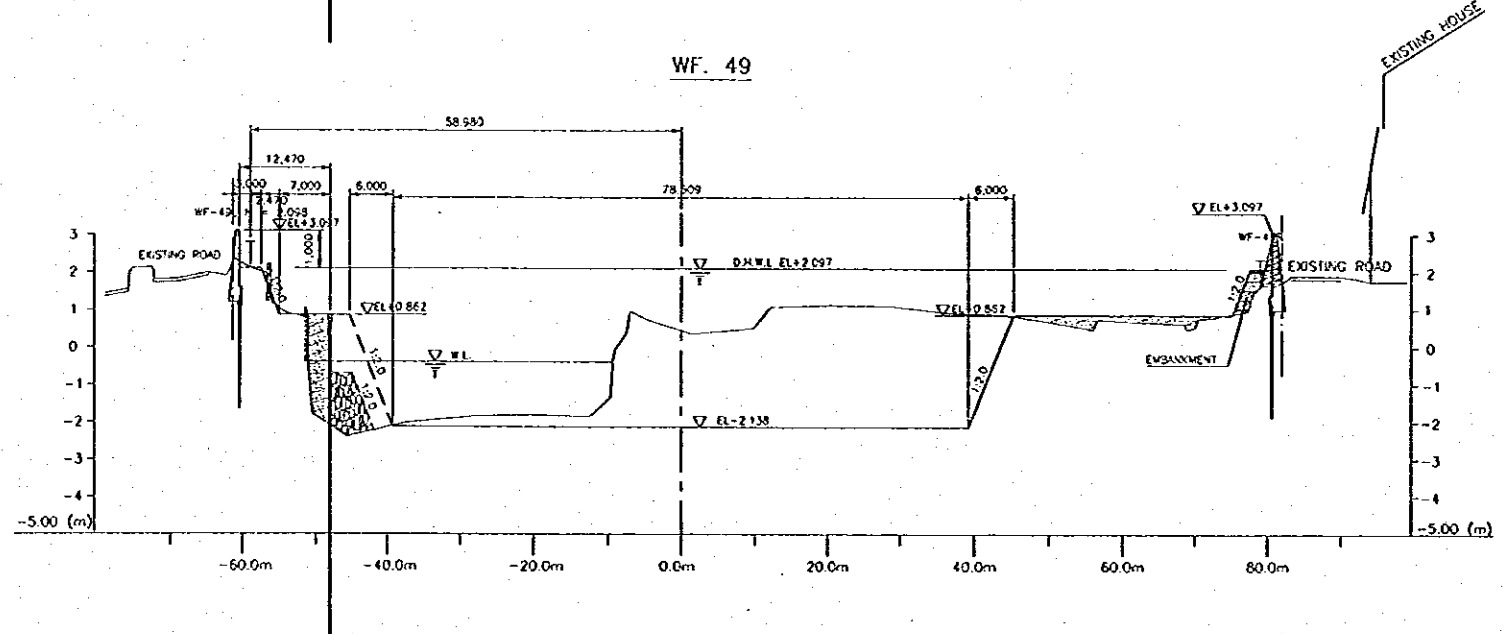
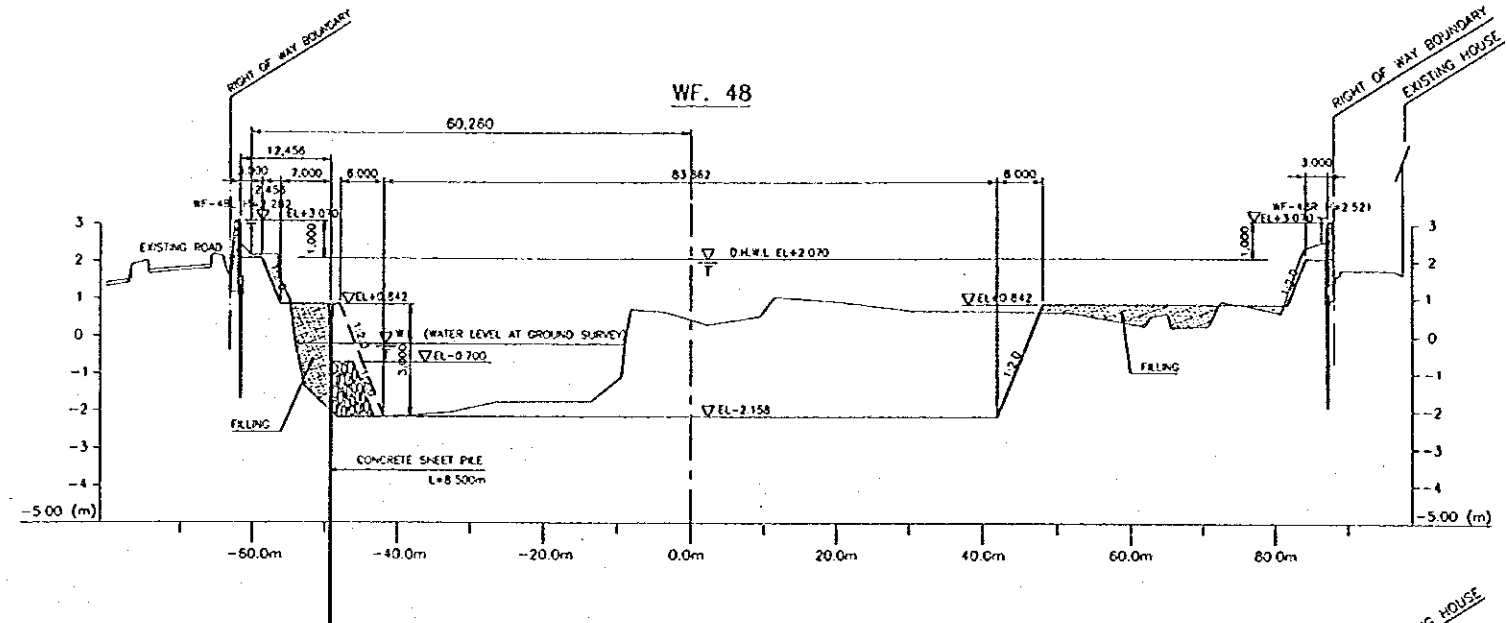
NO.	DATE	KEYWORDS	ORIGINATED	DESIGNED	APPROVED	APPROVED

THE REPUBLIC OF INDONESIA MINISTRY OF PUBLIC WORKS DIRECTORATE GENERAL OF WATER RESOURCES DEVELOPMENT AND DIRECTORATE GENERAL OF HUMAN SETTLEMENT		PROJECT NAME FLOOD CONTROL, URBAN DRAINAGE AND WATER RESOURCES DEVELOPMENT IN SEMARANG IN THE REPUBLIC OF INDONESIA DISTRICT SEMARANG CITY DRAWING NO. W8-P1-CH-Cr.33 SHEET NO. 35
IRATUNSELUNA FLOOD CONTROL PROJECT COMPONENT: WEST FLOODWAY / GARANG RIVER IMPROVEMENT CHANNEL AND DIKE WORKS WEST FLOODWAY CROSS SECTIONS (18/39)		DATE CONTRACT NO.
JAPAN INTERNATIONAL COOPERATION AGENCY CTI (KAWASAKI) CO., LTD. IN ASSOCIATION WITH PACIFIC CONSULTANTS INTERNATIONAL INC. PACO INTERNATIONAL INC.	DESIGNED CHECKED DATE	PROJECT MANAGER



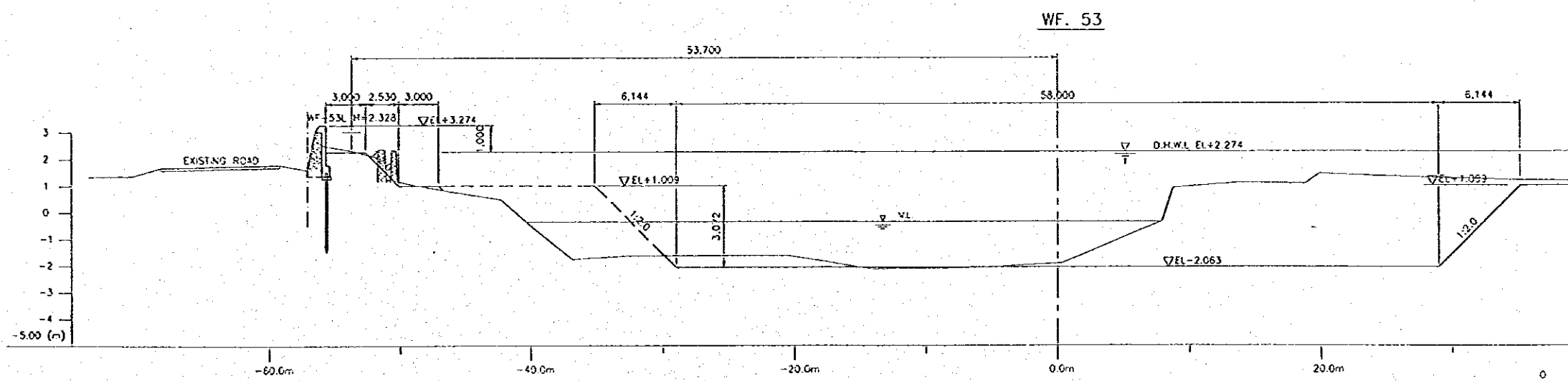
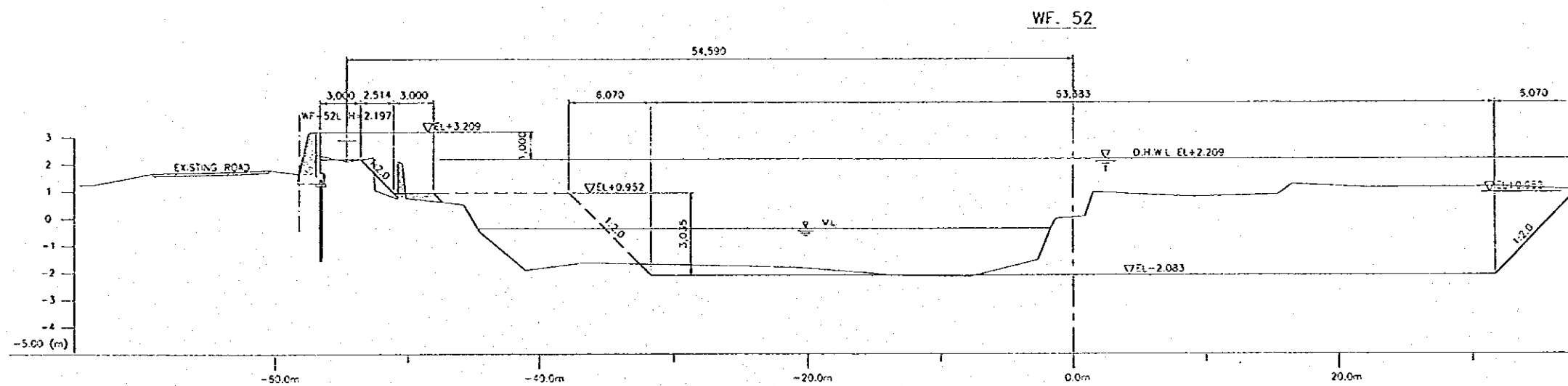
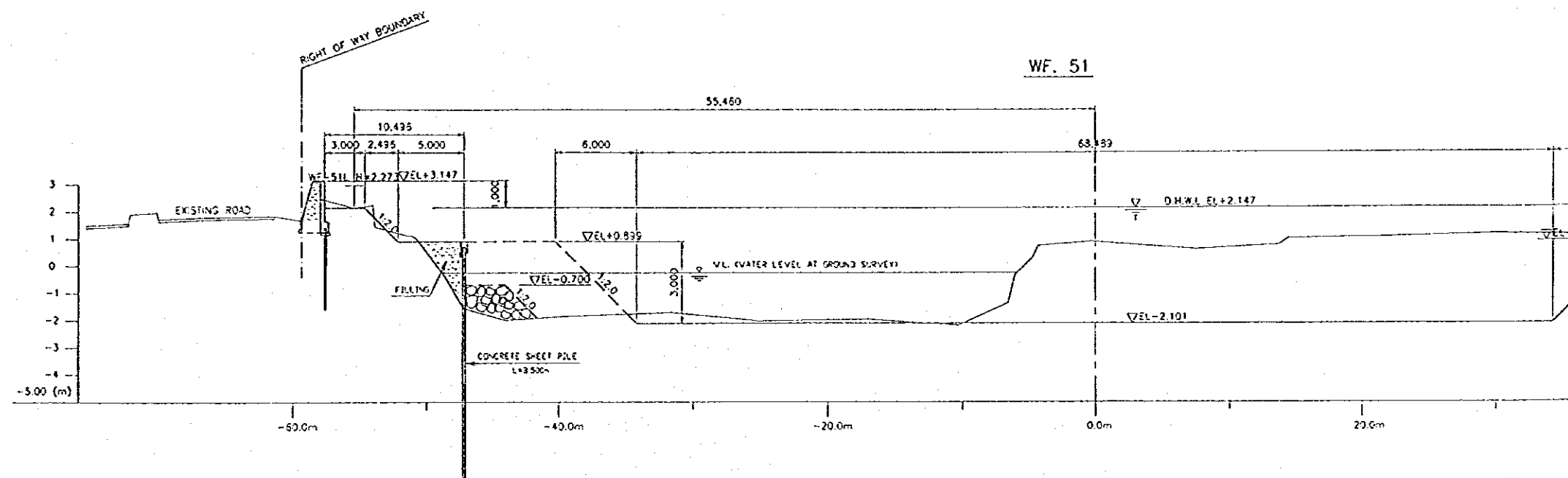
NO.	DATE	REVISIONS	ORIGINATED	DESIGNED	APPROVED

THE REPUBLIC OF INDONESIA MINISTRY OF PUBLIC WORKS DIRECTORATE GENERAL OF WATER RESOURCES DEVELOPMENT AND DIRECTORATE GENERAL OF HUMAN SETTLEMENT		PROVINCE CENTRAL JAVA
IRATUNSELUNA FLOOD CONTROL PROJECT COMPONENT: WEST FLOODWAY / GARANO RIVER IMPROVEMENT CHANNEL AND DIKE WORKS WEST FLOOD WAY CROSS SECTIONS (19/39)		PROJECT NAME FLOOD CONTROL, URBAN DRAINAGE AND WATER RESOURCES DEVELOPMENT IN SEMARANG IN THE REPUBLIC OF INDONESIA DISTRICT SEMARANG CITY
LAPAN INTERNATIONAL CONSULTING AGENCY CIL ENGINEERING CO. LTD. IN ASSOCIATION WITH PACIFIC CONSULTANTS INTERNATIONAL AND JASCO INTERNATIONAL INC.		DRAWING NO. WF-P1-CH-cr.34 SHEET NO. 36 DATE CONTRACT NO.
DESIGNED <i>[Signature]</i>	CHECKED <i>[Signature]</i>	PROJECT MANAGER <i>[Signature]</i>



NO.	DATE	REVISIONS	ORIGINATED	DESIGNED	APPROVED

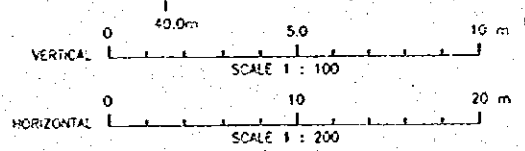
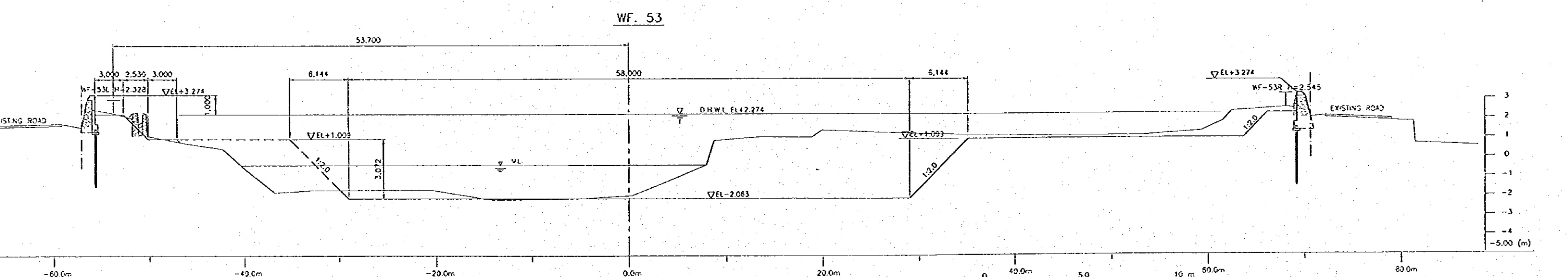
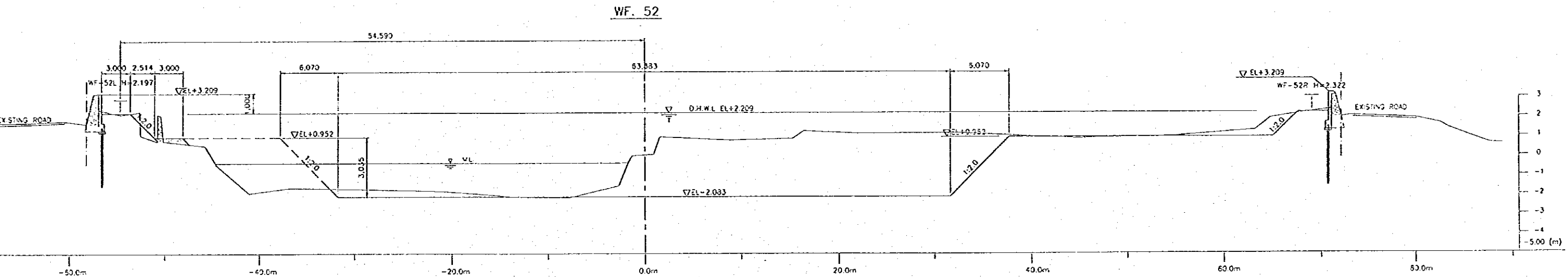
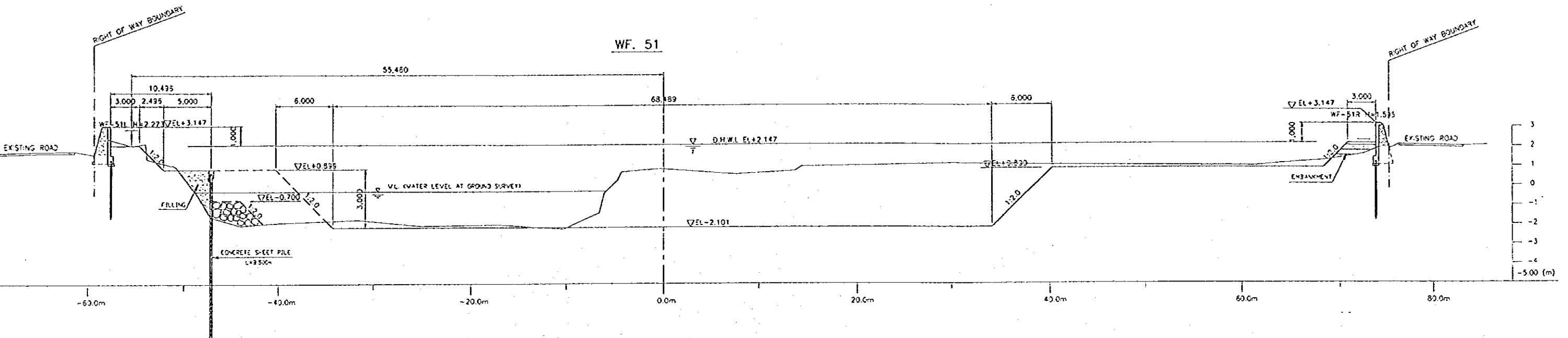
	THE REPUBLIC OF INDONESIA MINISTRY OF PUBLIC WORKS DIRECTORATE GENERAL OF WATER RESOURCES DEVELOPMENT AND DIRECTORATE GENERAL OF HUMAN SETTLEMENT		PROVINCE CENTRAL JAVA
	TRATUNSELUNA FLOOD CONTROL PROJECT COMPONENT: WEST FLOODWAY / GARANG RIVER IMPROVEMENT CHANNEL AND DIKE WAY WORKS WEST FLOODWAY CROSS SECTIONS (20/39)		PROJECT NAME FLOOD CONTROL, URBAN DRAINAGE AND WATER RESOURCES DEVELOPMENT IN SEMARANG IN THE REPUBLIC OF INDONESIA
	ECUAN INTERNATIONAL COOPERATIVE AGENCY CTE ENGINEERING CO. LTD. IN ASSOCIATION WITH PACIFIC CONSULTANTS INTERNATIONAL AND PARCO INTERNATIONAL INC.		DISTRICT SEMARANG CITY
	DESIGNED: [Signature] CHECKED: [Signature]		DRAWING NO. WB-P4-CH-CR-55 SHEET NO. 31 DATE: [] CONTRACT NO.
CHIEF OF PLANNING AND DESIGN PROJECT MANAGER			APPROVED: [Signature]



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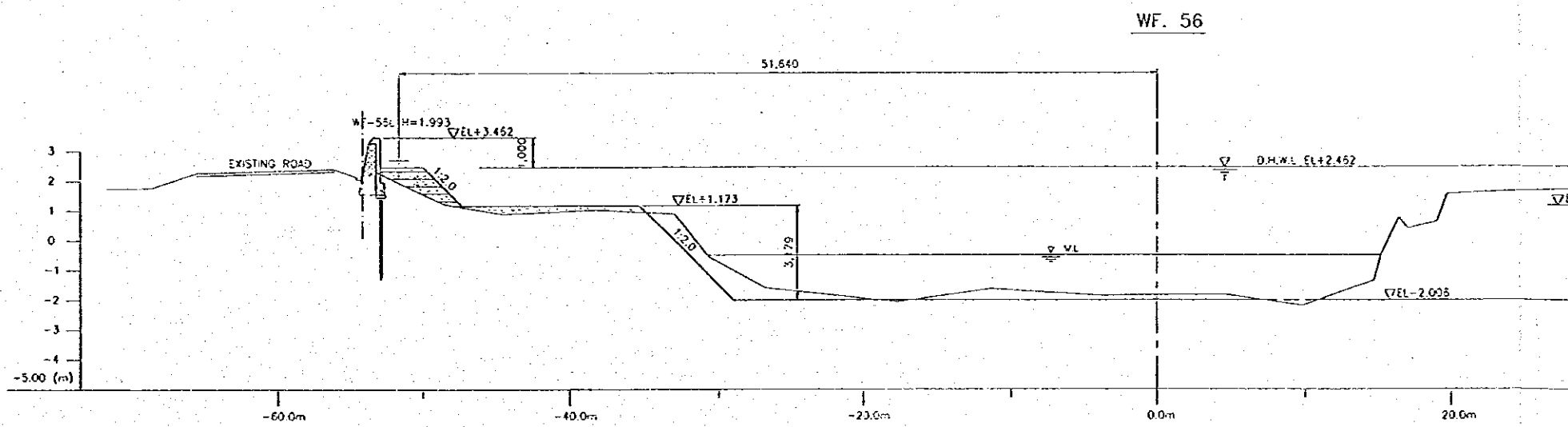
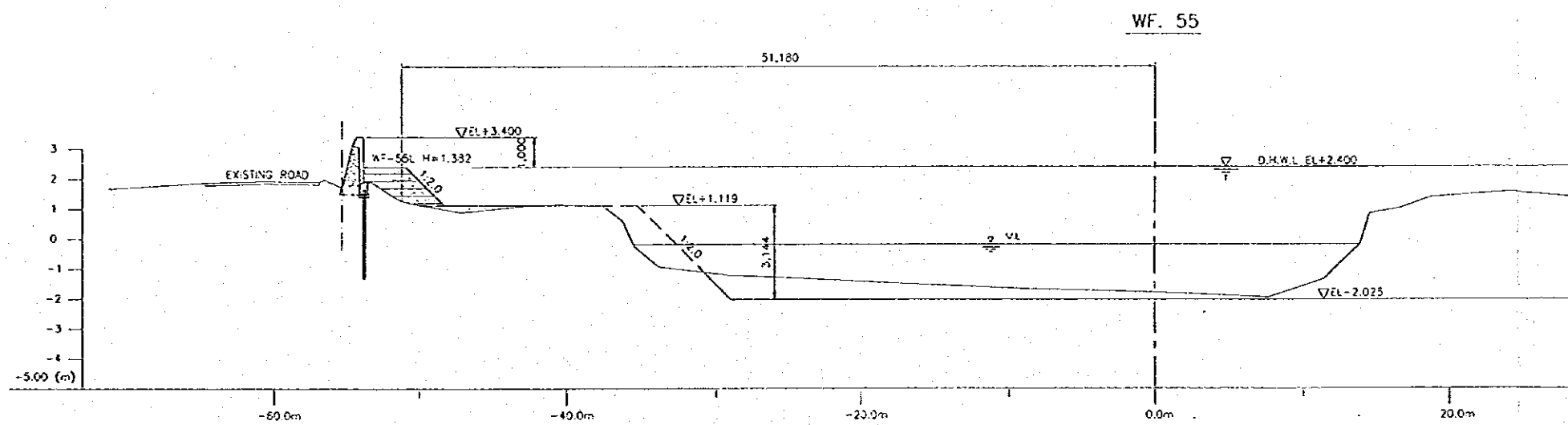
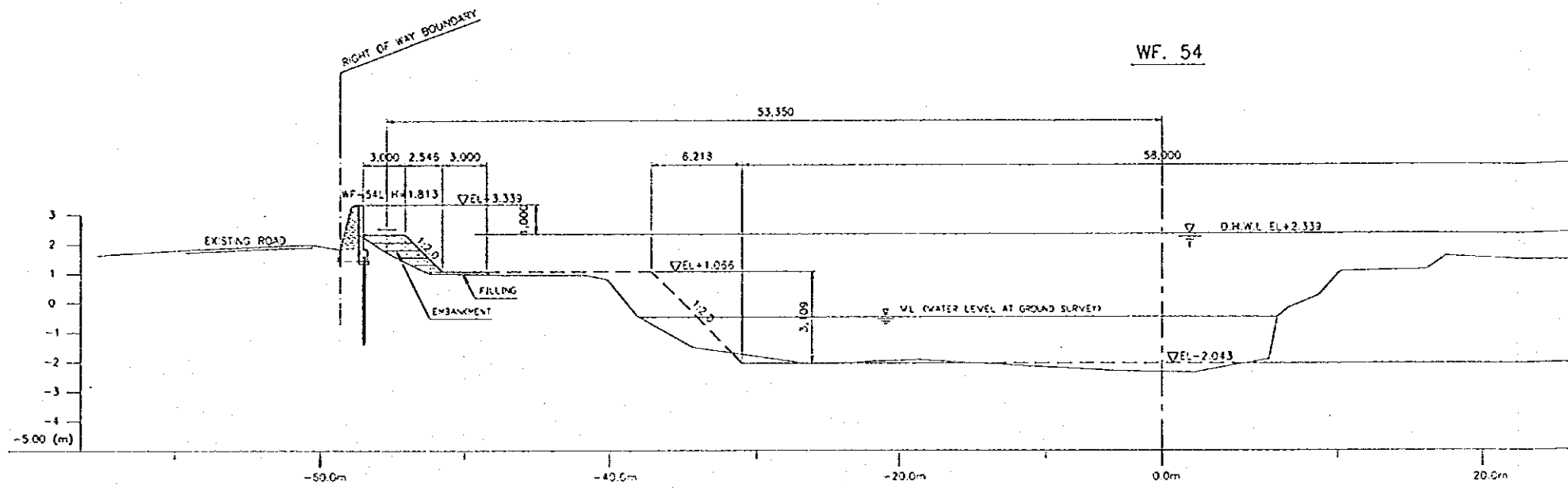
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NO.	DATE	REVISIONS



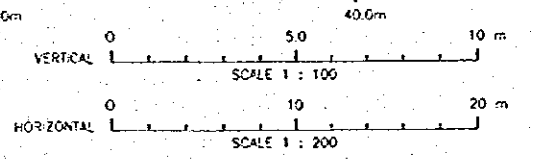
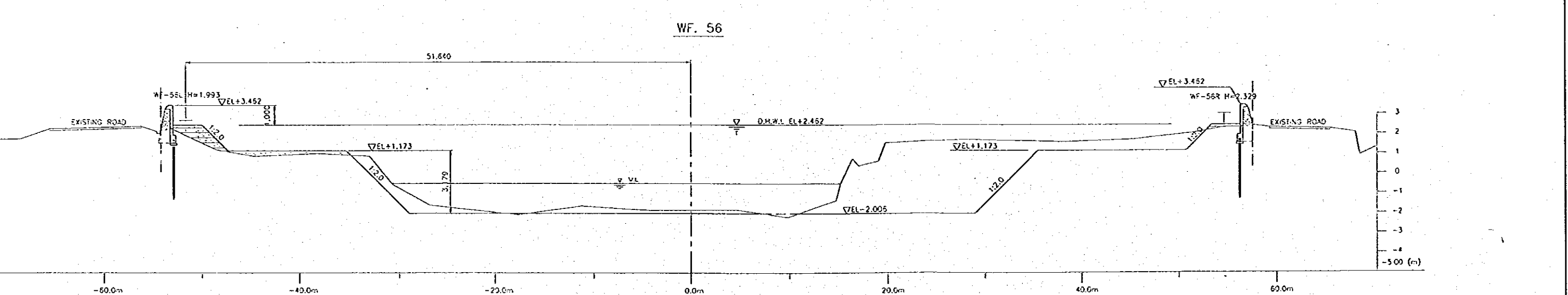
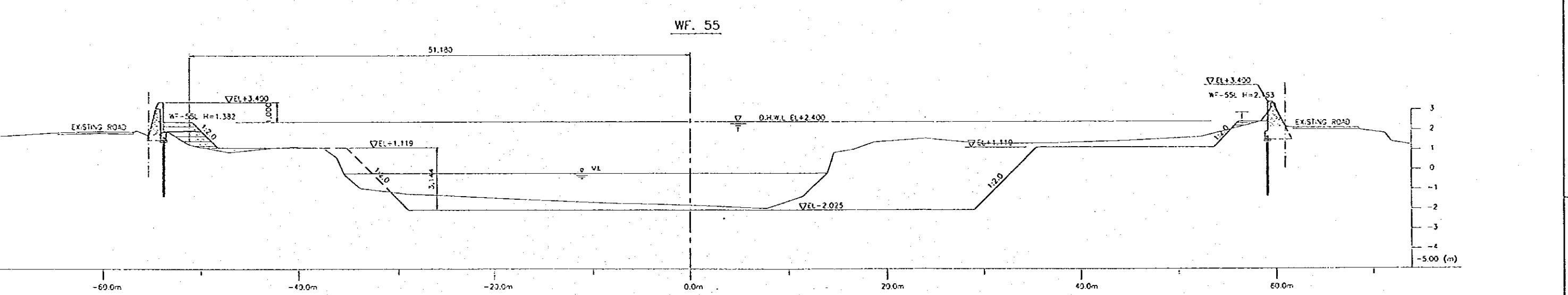
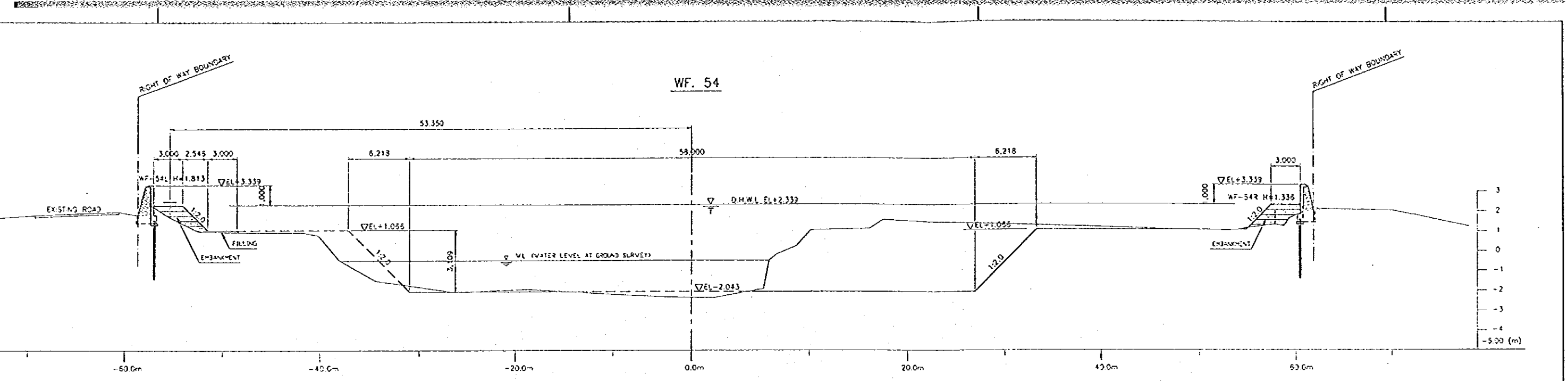
NO.	DATE	REVISIONS	ORIGINATED	DESIGNED	APPROVED

THE REPUBLIC OF INDONESIA MINISTRY OF PUBLIC WORKS DIRECTORATE GENERAL OF WATER RESOURCES DEVELOPMENT AND DIRECTORATE GENERAL OF HUMAN SETTLEMENT		PROVINCE CENTRAL JAVA
JRATUNSELUNA FLOOD CONTROL PROJECT COMPONENT: WEST FLOODWAY / GARANG RIVER IMPROVEMENT CHANNEL AND DIKE WORKS WEST FLOOD WAY CROSS SECTIONS (21/39)		PROJECT NAME FLOOD CONTROL, URBAN DRAINAGE AND WATER RESOURCES DEVELOPMENT IN BOJALANG IN THE REPUBLIC OF INDONESIA
JAPAN INTERNATIONAL COOPERATION AGENCY CTE ENGINEERING CO., LTD. IN ASSOCIATION WITH PACIFIC CONSULTANTS INTERNATIONAL AND PARCO INTERNATIONAL INC.		DISTRICT SEMARANG CITY DRAWING NO. W1-P1-CN-C1.35 SHEET NO. 38
DESIGNED CHECKED APPROVED	DATE CONTRACT NO.	PROJECT MANAGER



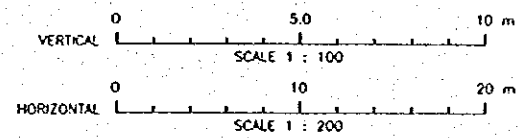
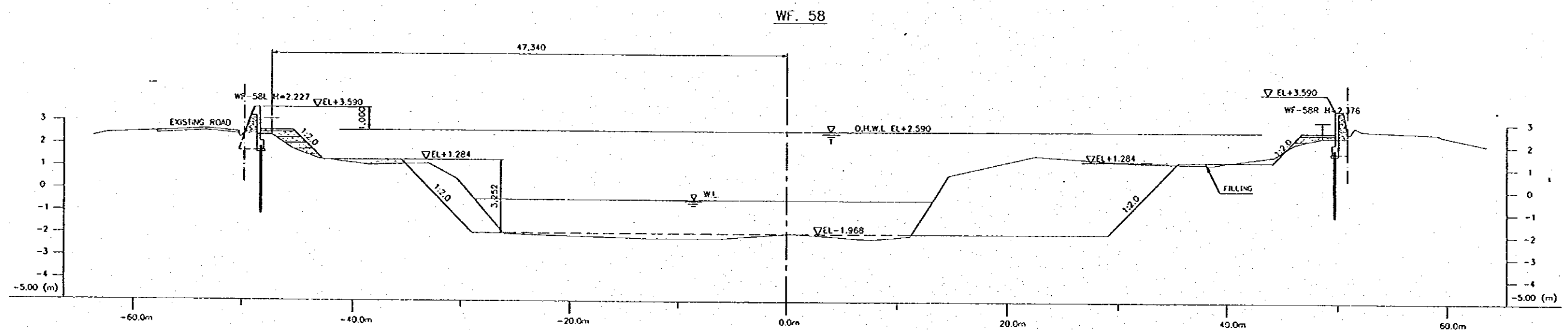
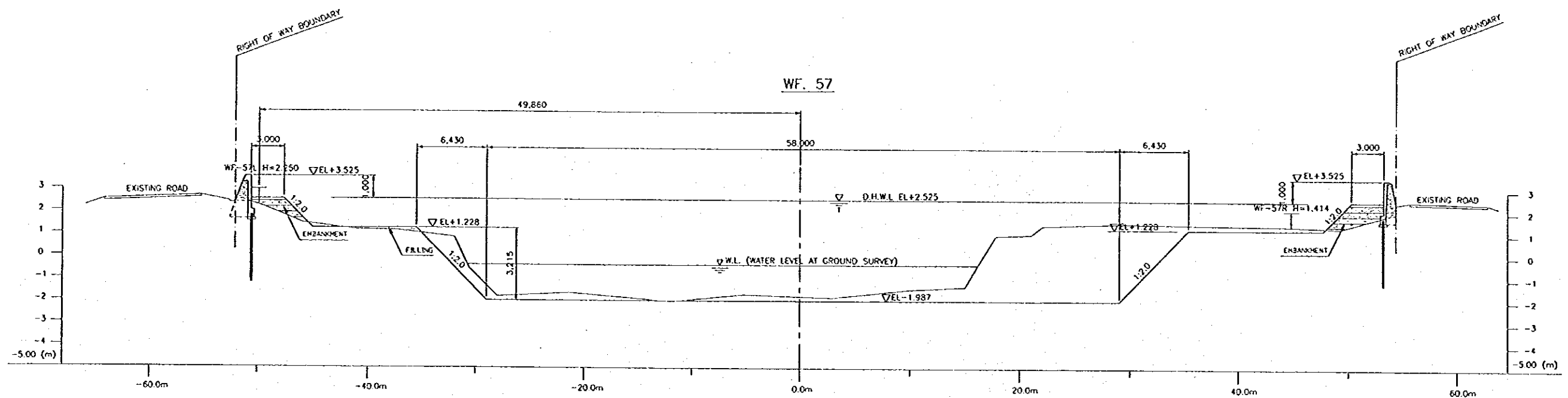
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NO.	DATE	REVISIONS



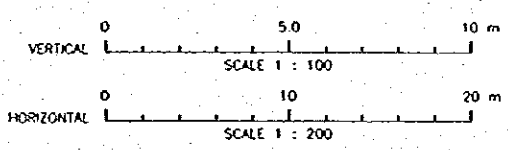
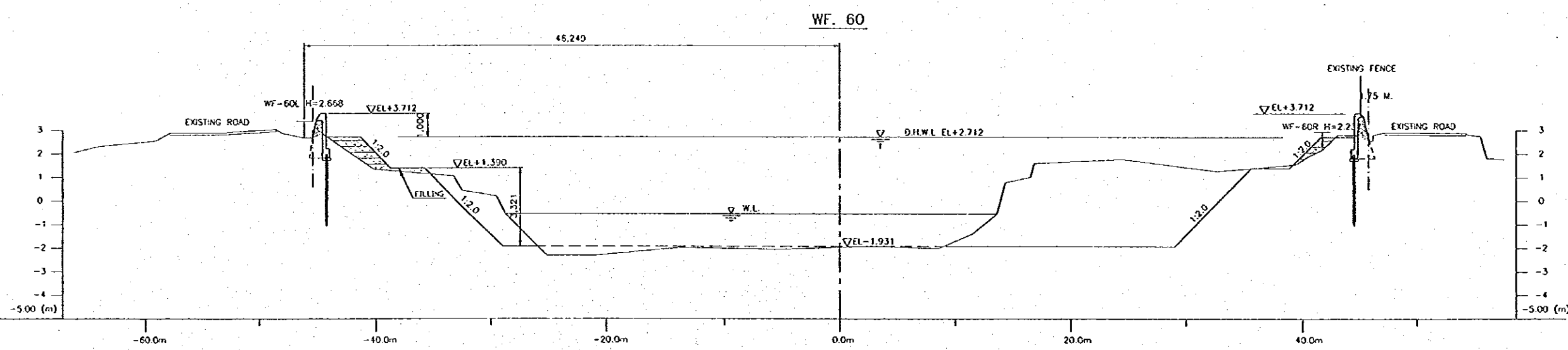
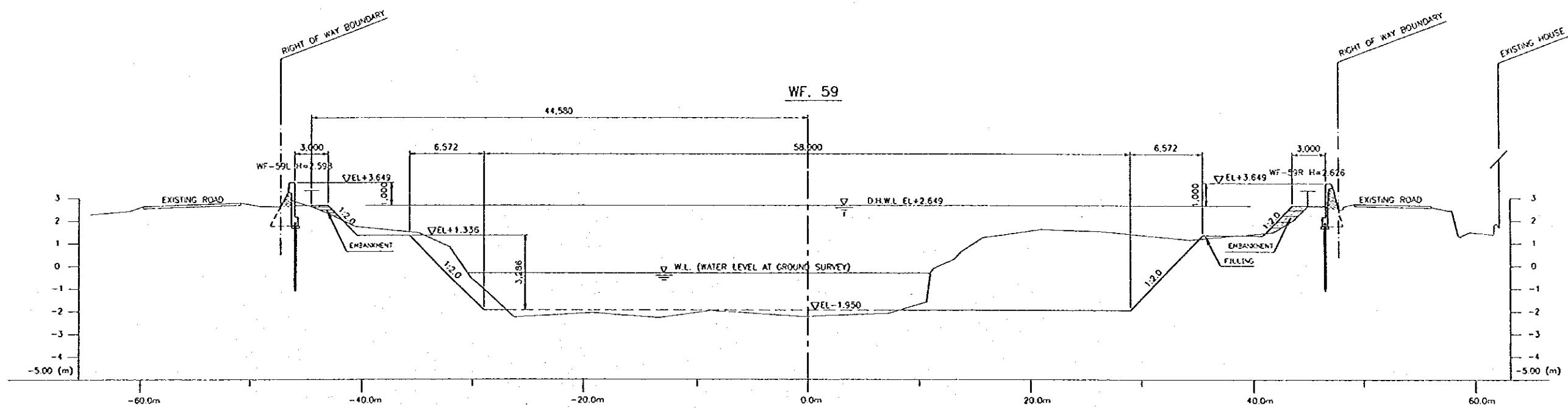
NO.	DATE	REVISIONS	ORIGINATED	DESIGNED	APPROVED

THE REPUBLIC OF INDONESIA MINISTRY OF PUBLIC WORKS DIRECTORATE GENERAL OF WATER RESOURCES DEVELOPMENT AND DIRECTORATE GENERAL OF HUMAN SETTLEMENT		PROVINCE CENTRAL JAVA
JRATUNSELUNA FLOOD CONTROL PROJECT COMPONENT: WEST FLOODWAY / GARANO RIVER IMPROVEMENT CHANNEL AND DIKE WORKS WEST FLOODWAY CROSS SECTIONS 22/39		PROJECT NAME FLOOD CONTROL, URBAN DRAINAGE AND WATER RESOURCES DEVELOPMENT IN SEMARANG IN THE REPUBLIC OF INDONESIA
JAPAN INTERNATIONAL COOPERATION AGENCY CITI ENGINEERING CO. LTD. IN ASSOCIATION WITH PACIFIC CONSULTANTS INTERNATIONAL AND S.P. ENGINEERING INTERNATIONAL INC.		DISTRICT SEMARANG CITY
DESIGNED: [Signature] CHECKED: [Signature] CRITERIA OF PLANNING AND DESIGN		DRAWING NO. WS-Pt.C.H-Cc.37 SHEET NO. 39
APPROVED: [Signature] PROJECT MANAGER		DATE CONTRACTING



NO.	DATE	REVISIONS	ORIGINATED	DESIGNED	APPROVED

THE REPUBLIC OF INDONESIA MINISTRY OF PUBLIC WORKS DIRECTORATE GENERAL OF WATER RESOURCES DEVELOPMENT AND DIRECTORATE GENERAL OF RURAL SETTLEMENT		PROVINCE CENTRAL JAWA
JATUNSELUVA FLOOD CONTROL PROJECT COMPONENT: WEST FLOODWAY / GARANO RIVER IMPROVEMENT CHANNEL AND DIKE WORKS WEST FLOODWAY CROSS SECTIONS (23/39)		PROJECT NAME FLOOD CONTROL, URBAN DRAINAGE AND WATER RESOURCES DEVELOPMENT IN SEMARANG IN THE REPUBLIC OF INDONESIA
JAFAP INTERNATIONAL COOPERATION BOARD CTE INTERNATIONAL CO. LTD. IN ASSOCIATION WITH PACIFIC CONSULTANTS INTERNATIONAL AND PARCO INTERNATIONAL, INC.		DISTRICT SEMARANG CITY
DESIGNED CHECKED DATE		DRAWING NO. WG - PI - CH - 0658 SHEET NO. 40
CHIEF OF PLANNING AND DESIGN PROJECT MANAGER		CONTRACT NO.

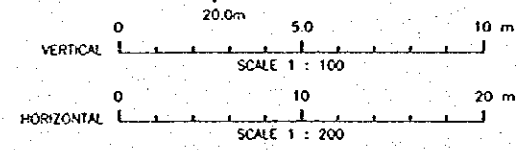
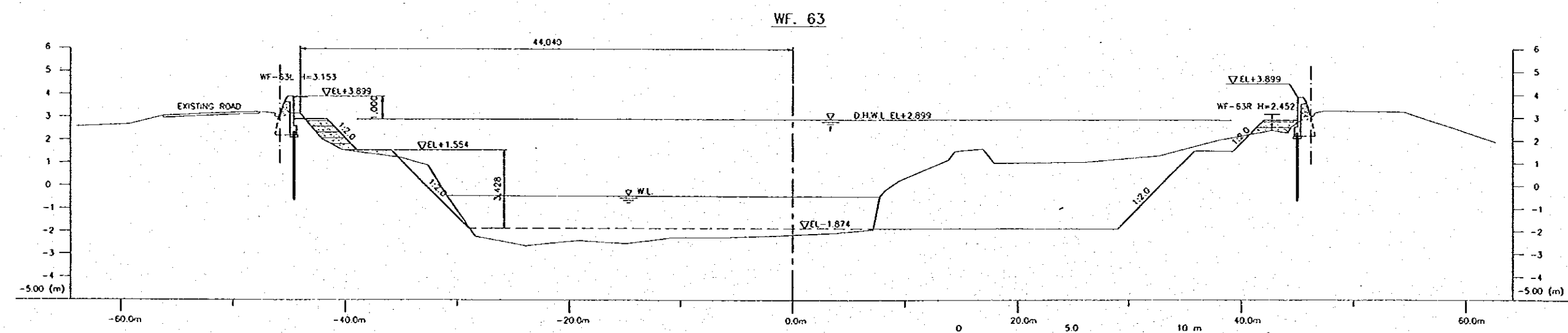
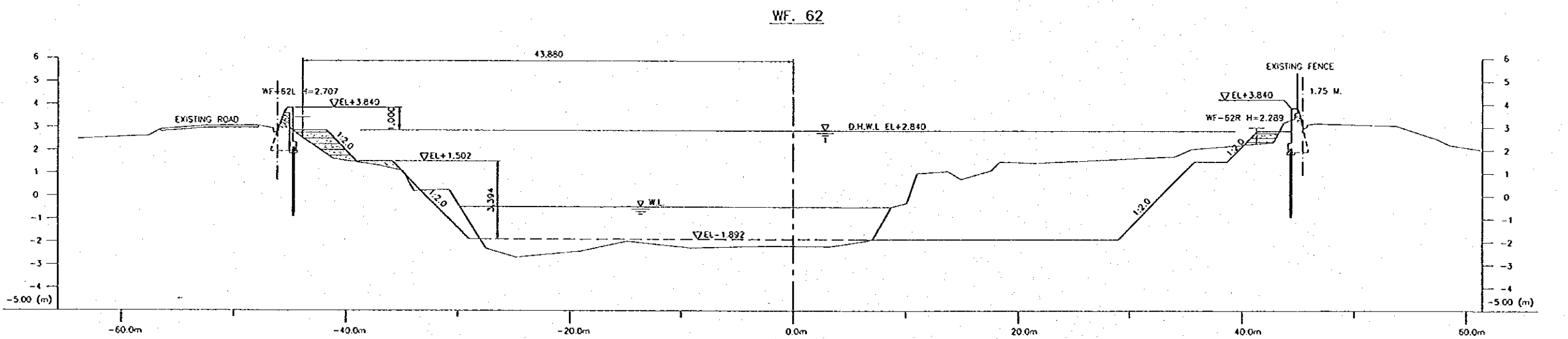
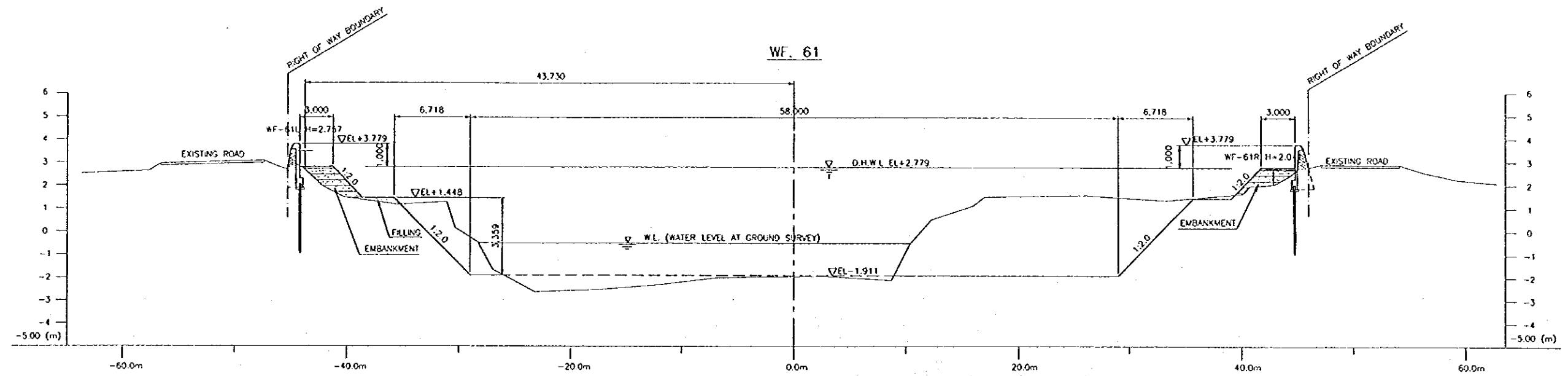


NO.	DATE	REVISIONS	ORIGINATED	DESIGNED	APPROVED

THE REPUBLIC OF INDONESIA
 MINISTRY OF PUBLIC WORKS
 DIRECTORATE GENERAL OF WATER RESOURCES DEVELOPMENT AND DIRECTORATE GENERAL OF HUMAN SETTLEMENT
IRATUNSELUNA FLOOD CONTROL PROJECT
 COMPONENT: WEST FLOODWAY / GARANO RIVER IMPROVEMENT
CHANNEL AND DIKE WORKS
WEST FLOOD WAY
CROSS SECTION(S) 24/39

SAFARI INTERNATIONAL CONSULTING AGENCY CIL ENGINEERING CO., LTD. IN ASSOCIATION WITH PACIFIC CONSULTANTS INTERNATIONAL AND PARCO INTERNATIONAL INC.	DESIGNED 	CHECKED 	DATE 	CONTRACT NO.
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PROVIDER: CENTRAL JAVA
 PROJECT NAME: FLOOD CONTROL, URBAN DRAINAGE AND WATER RESOURCES DEVELOPMENT OF SEMARANG IN THE REPUBLIC OF INDONESIA
 DISTRICT: SEMARANG CITY
 DRAWING NO. WG - P1 - CH - C1.59
 SHEET NO. 41



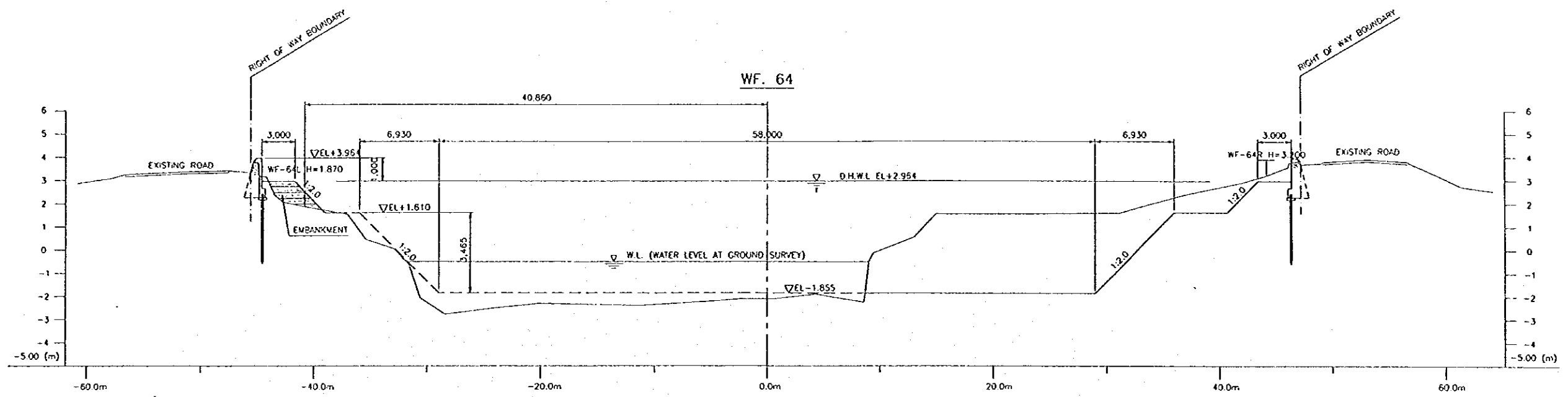
NO.	DATE	REVISIONS	PREPARED	DESIGNED	APPROVED

THE REPUBLIC OF INDONESIA
 MINISTRY OF PUBLIC WORKS
 DIRECTORATE GENERAL OF WATER RESOURCES DEVELOPMENT
 AND DIRECTORATE GENERAL OF HUMAN SETTLEMENT

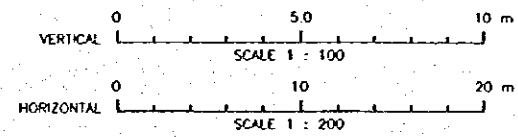
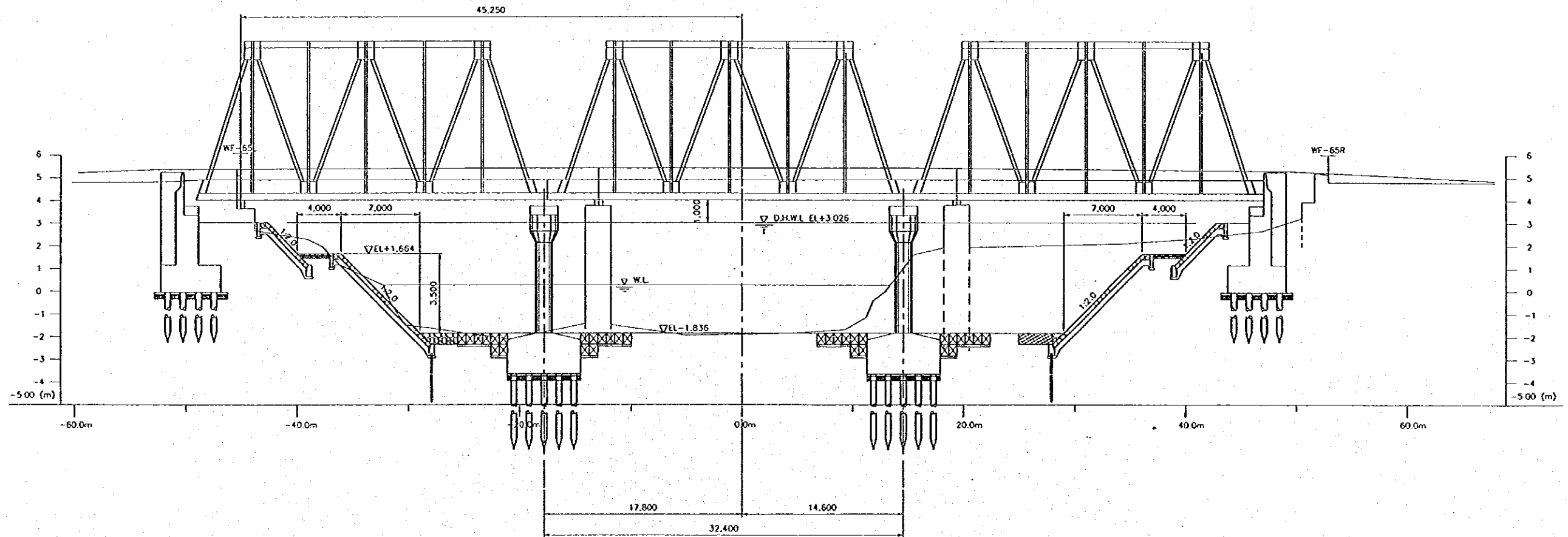
JATUNSELUNA FLOOD CONTROL PROJECT
 COMPONENT: WEST FLOODWAY / GARANO RIVER IMPROVEMENT
 CHANNEL AND DIKE WORKS
 WEST FLOODWAY
 CROSS SECTIONS (25/39)

DESIGNED: [Signature]
 CHECKED: [Signature]
 CHIEF OF PLANNING AND DESIGN
 PROJECT MANAGER

PROVINCE	CENTRAL JAYA
PROJECT NAME	FLOOD CONTROL, URBAN DRAINAGE AND WATER RESOURCE DEVELOPMENT IN BENGALURU IN THE REPUBLIC OF INDONESIA
DISTRICT	SEKURANG CITY
DRAWING NO.	W0-P1-CR-Cr.40
SHEET NO.	41
DATE	
CONTRACT NO.	

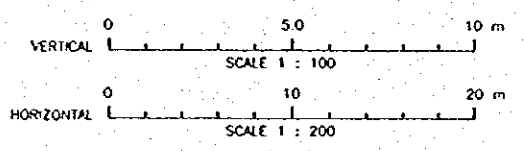
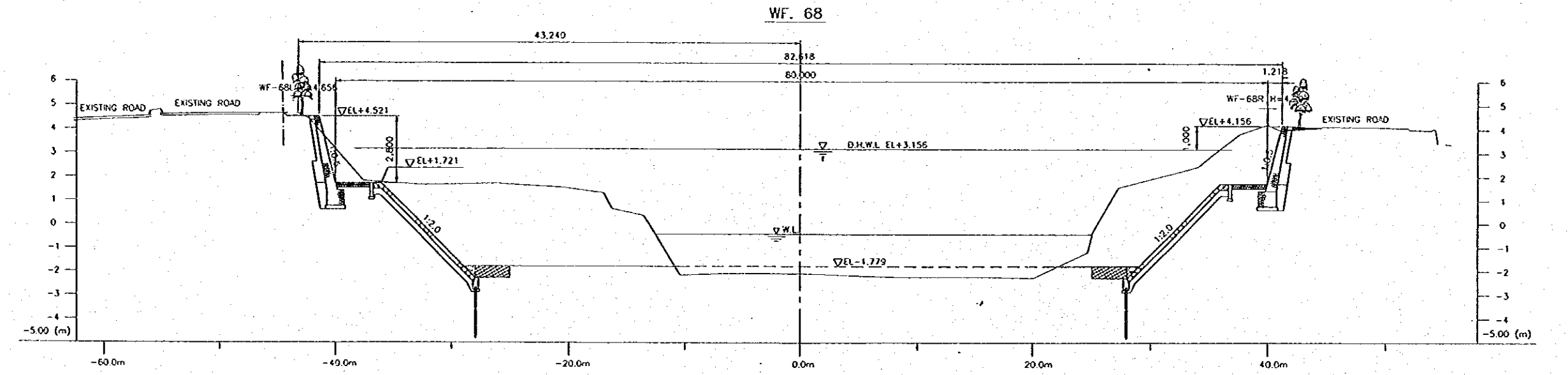
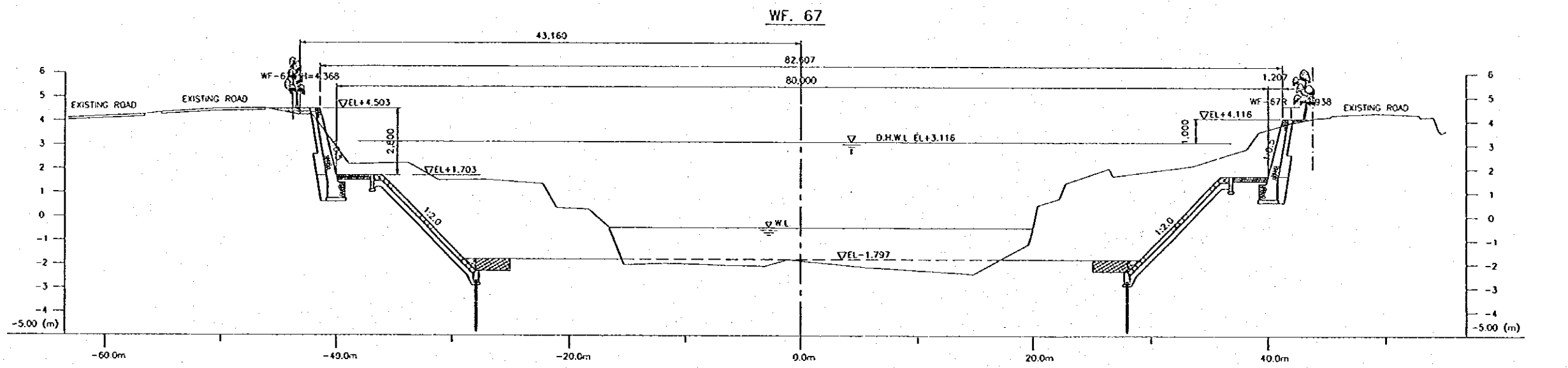
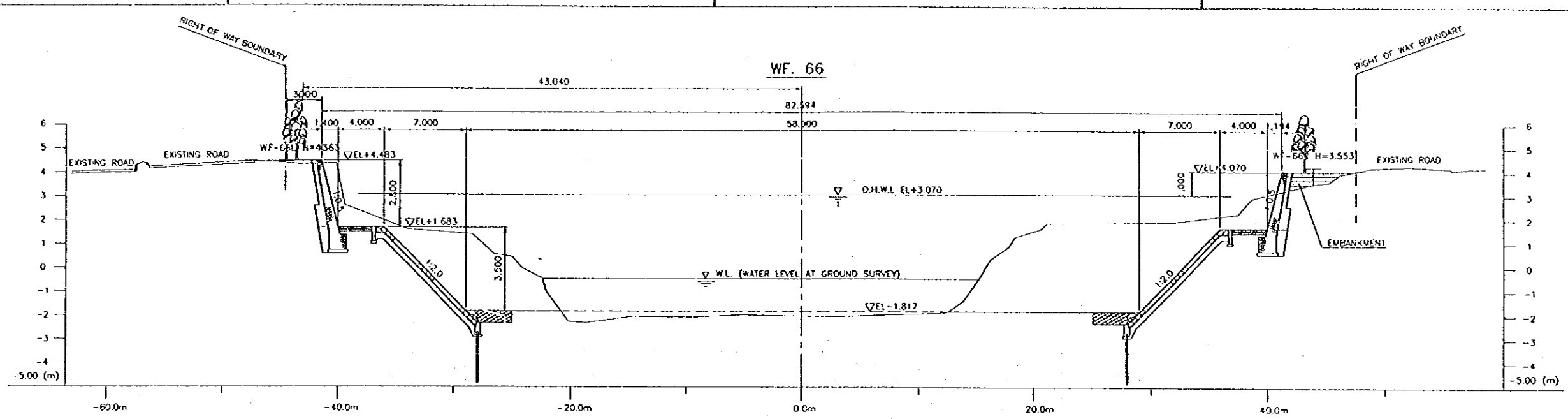


WF. 65
RAILWAY BRIDGE



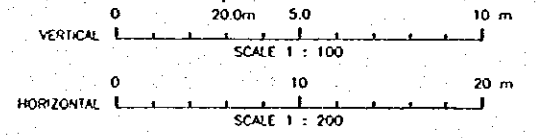
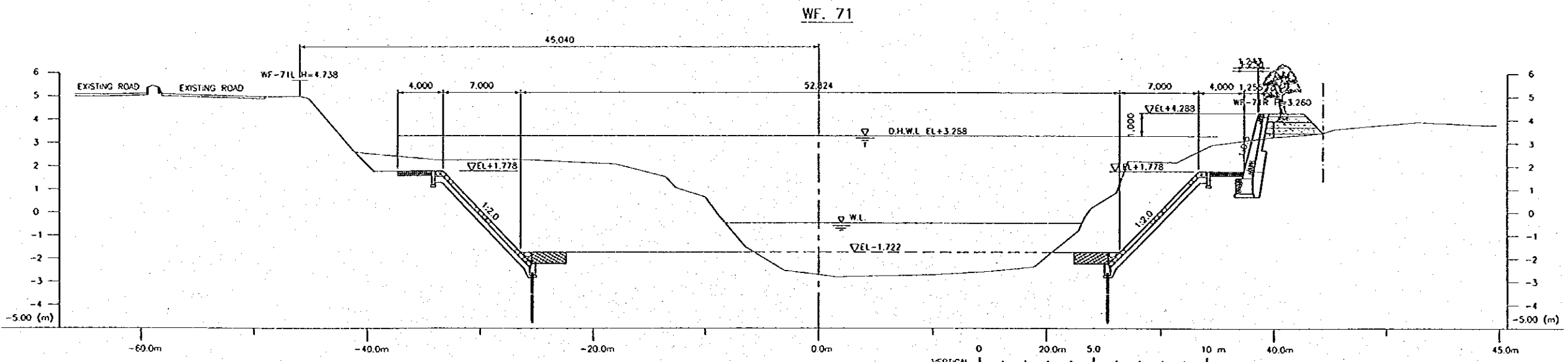
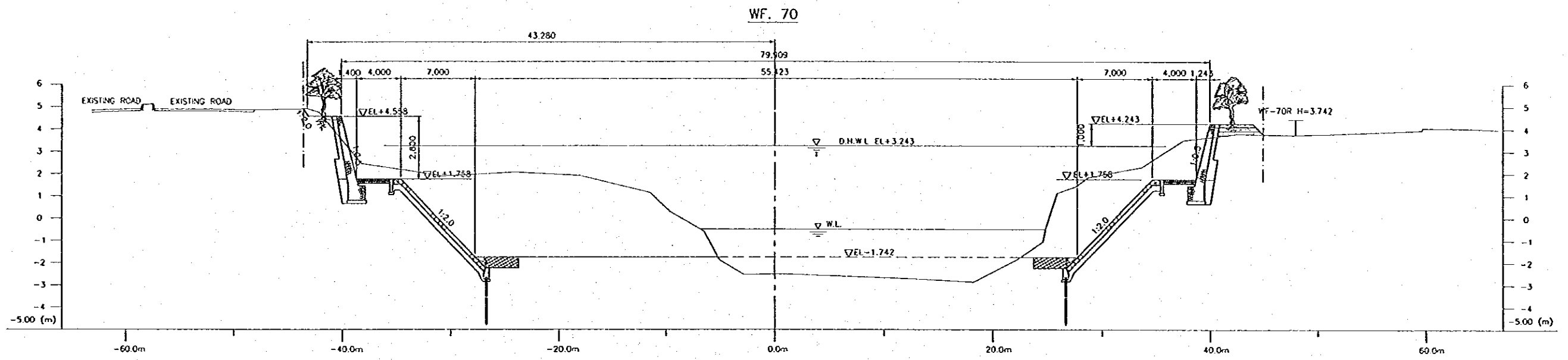
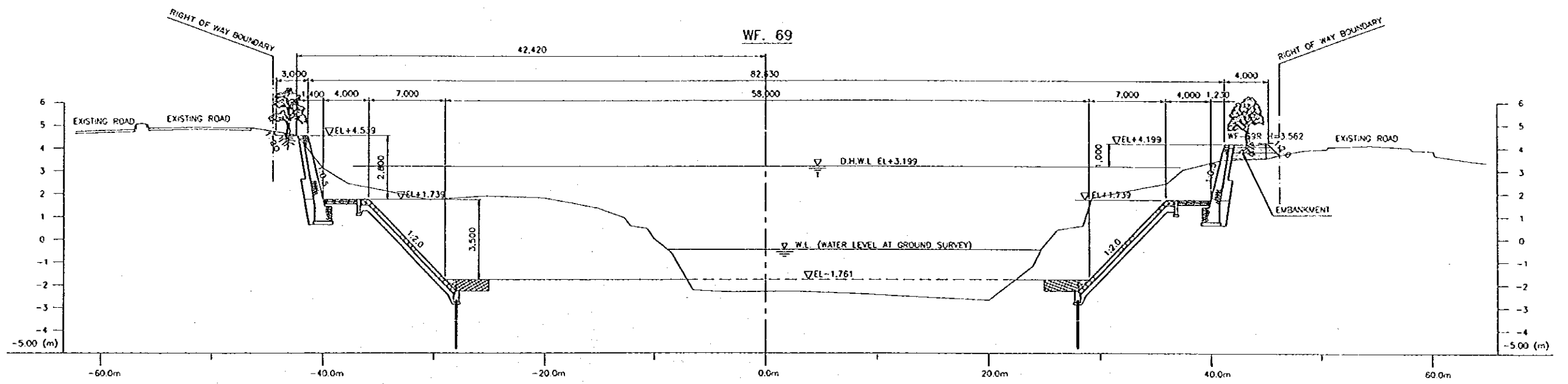
NO.	DATE	REVISIONS	ORIGINATED	DRAWN	APPROVED

THE REPUBLIC OF INDONESIA MINISTRY OF PUBLIC WORKS DIRECTORATE GENERAL OF WATER RESOURCES DEVELOPMENT AND DIRECTORATE GENERAL OF HUMAN SETTLEMENT		PROVINCE CENTRAL JAYA
JRATUNSBUNA FLOOD CONTROL PROJECT COMPONENT: WEST FLOODWAY / GARANG RIVER IMPROVEMENT CHANNEL AND DIKE WORKS WEST FLOOD WAY CROSS SECTIONS (26/39)		PROJECT NAME FLOOD CONTROL, URBAN DRAINAGE AND WATER RESOURCES DEVELOPMENT IN SEMARANG IN THE REPUBLIC OF INDONESIA
JAPAN INTERNATIONAL COOPERATION AGENCY CITI ENGINEERING CO., LTD. IN ASSOCIATION WITH PACIFIC CONSULTANTS INTERNATIONAL AND PARCO INTERNATIONAL INC.		DISTRICT SEMARANG CITY
DESIGNED CHECKED DATE		DRAWING NO. WG-P1-CH-Cr. 41 SHEET NO. 43 CONTRACT NO.
CHIEF OF PLANNING AND DESIGN PROJECT MANAGER		APPROVED



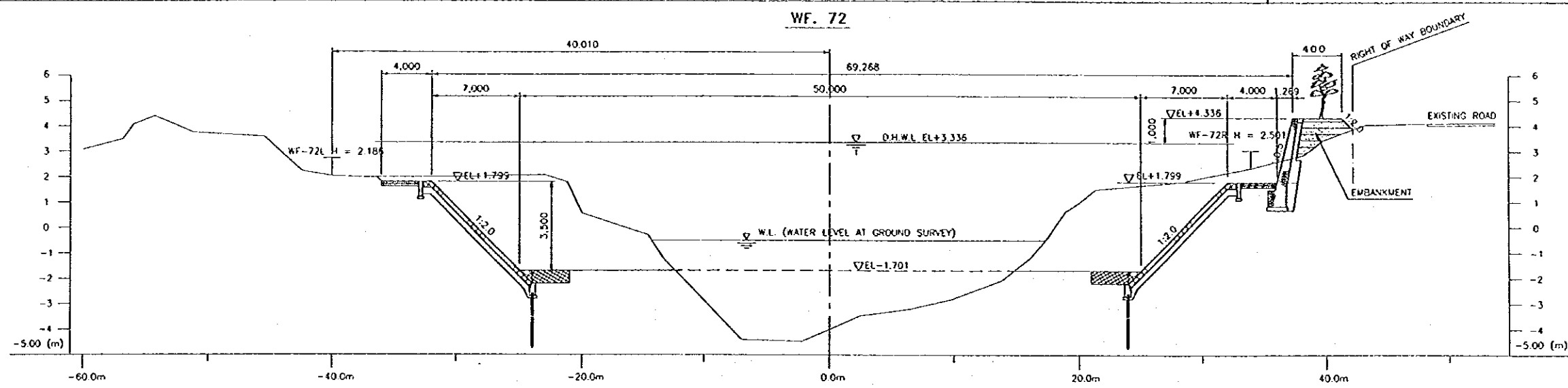
NO.	DATE	REVISIONS	ORIGINATED	DESIGNED	APPROVED

THE REPUBLIC OF INDONESIA MINISTRY OF PUBLIC WORKS DIRECTORATE GENERAL OF WATER RESOURCES DEVELOPMENT AND DIRECTORATE GENERAL OF HUMAN SETTLEMENT		PROVINCE CENTRAL JAWA
JAPAN INTERNATIONAL COOPERATION AGENCY CO. ENGINEERING CO. LTD. IN ASSOCIATION WITH PACIFIC CONSULTANTS INTERNATIONAL AND TASEKI INTERNATIONAL INC.		PROJECT NAME FLOOD CONTROL, URBAN DRAINAGE AND WATER RESOURCES DEVELOPMENT IN SEMARANG IN THE REPUBLIC OF INDONESIA
COMPONENT: WEST FLOODWAY/GARANG RIVER IMPROVEMENT CHANNEL AND DIKE WORKS WEST FLOOD WAY CROSS SECTIONS (27/39)		DISTRICT SEMARANG CITY
DESIGNED: [Signature] CHECKED: [Signature]		DRAWING NO. WO - P1 - CH - 42 SHEET NO. 44
CHIEF OF PLANNING AND DESIGN PROJECT MANAGER		DATE CONTRACT NO.

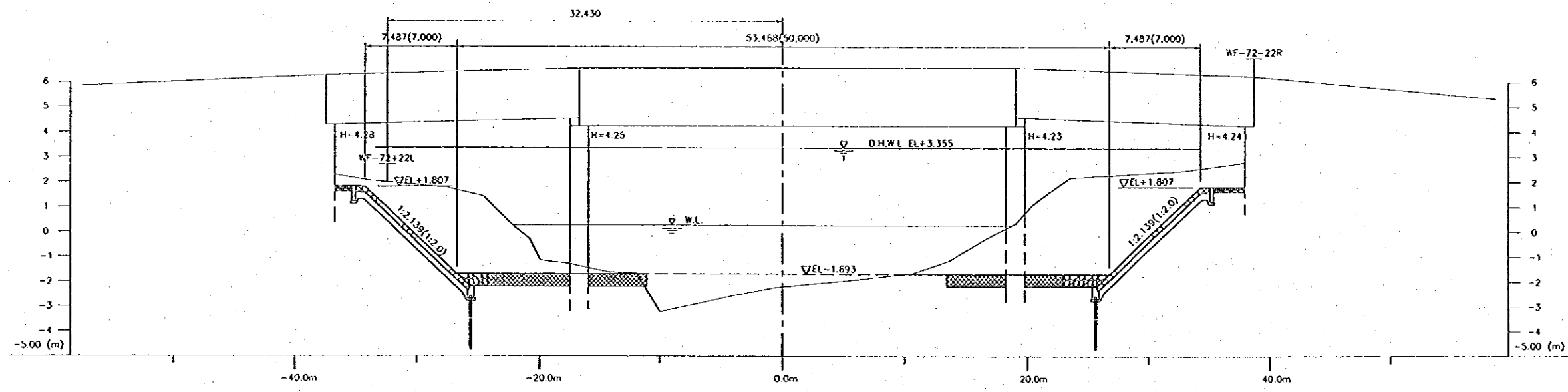


NO.	DATE	REVISIONS	ORDINATED	DESIGNED	APPROVED

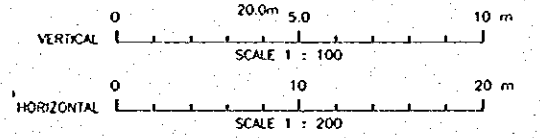
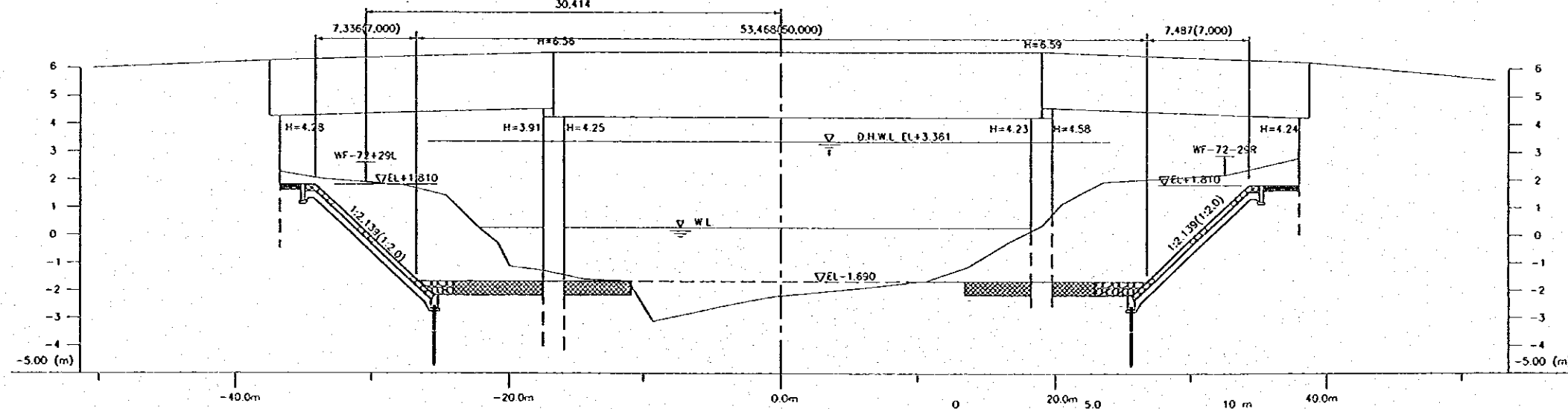
THE REPUBLIC OF INDONESIA MINISTRY OF PUBLIC WORKS DIRECTORATE GENERAL OF WATER RESOURCES DEVELOPMENT AND DIRECTORATE GENERAL OF HUMAN SETTLEMENT		PROVINCE CENTRAL JAWA
IRATUNSELUNA FLOOD CONTROL PROJECT COMPONENT: WEST FLOODWAY / GARANO RIVER IMPROVEMENT CHANNEL AND DIKE WORKS WEST FLOOD WAY CROSS SECTIONS (28/39)		PROJECT NAME FLOOD CONTROL, LEASER DRAINAGE AND WATER RESOURCES DEVELOPMENT IN SEMARANG IN THE REPUBLIC OF INDONESIA
JAPAN INTERNATIONAL COOPERATION AGENCY CTE ENGINEERING CO., LTD. IN ASSOCIATION WITH PACIFIC CONSULTANTS INTERNATIONAL INC. PACIFIC INTERNATIONAL INC.		DISTRICT SEMARANG CITY
CHIEF OF PLANNING AND DESIGN PROJECT MANAGER		DRAWING NO. WS-P1-CH-Gr. 43 SHEET NO. 45
		DATE CONTRACT NO.



WF. 72+22
NATIONAL ROAD BRIDGE - I (DOWNSTREAM SIDE)



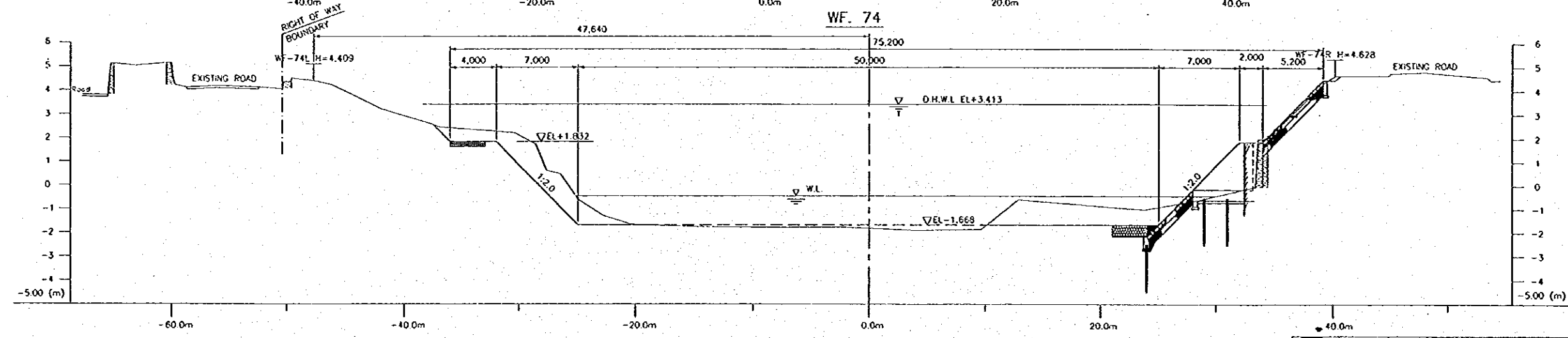
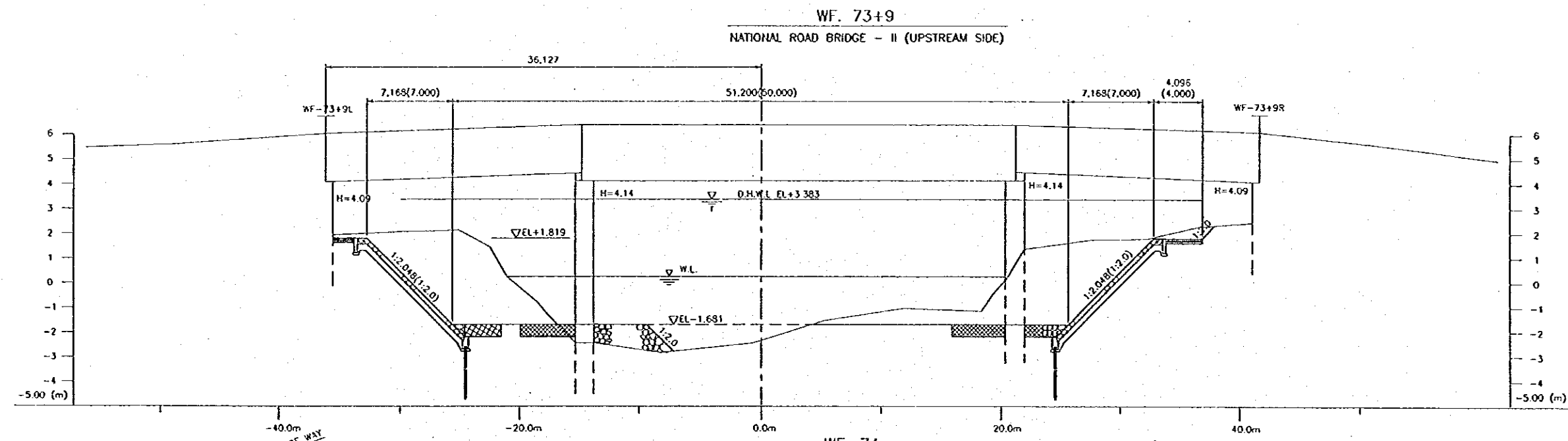
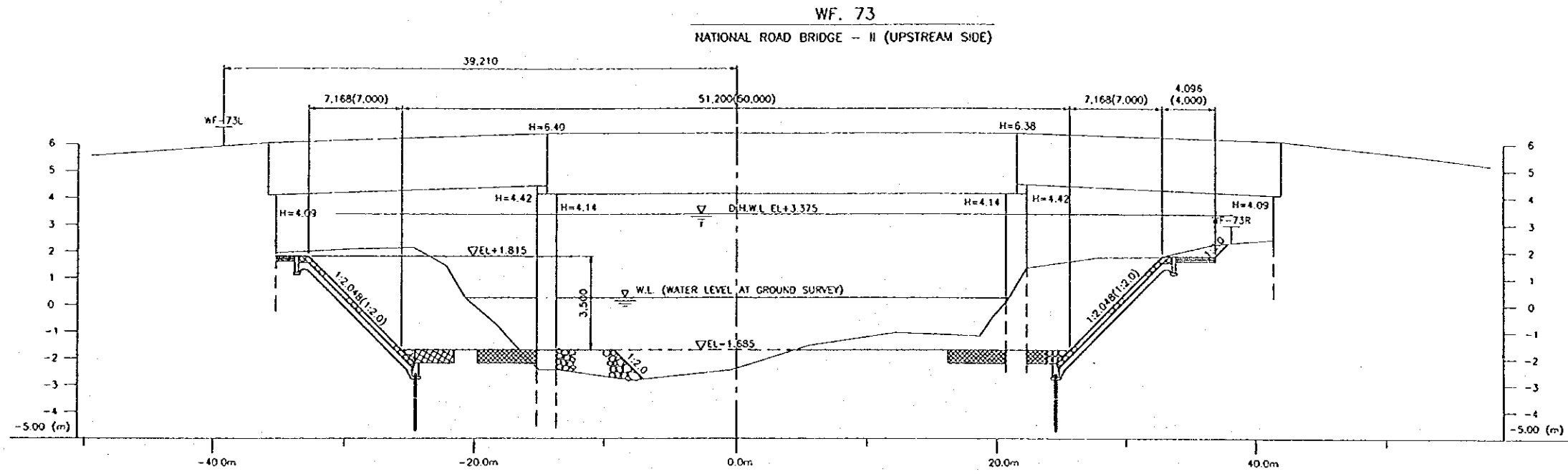
WF. 72+29
NATIONAL ROAD BRIDGE - I (DOWNSTREAM SIDE)



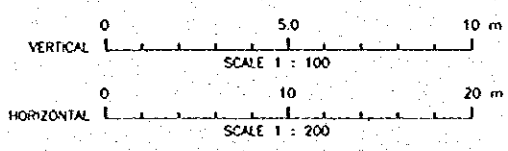
The number in parentheses shows the design dimensions of channel cross section which is perpendicular to the design center line of river channel. (WF. 72+22, WF 72+29)

NO.	DATE	REVISIONS	ORIGINATED	DESIGNED	APPROVED

THE REPUBLIC OF INDONESIA MINISTRY OF PUBLIC WORKS DIRECTORATE GENERAL OF WATER RESOURCES DEVELOPMENT AND DIRECTORATE GENERAL OF HUMAN SETTLEMENT		PROVINCE CENTRAL JAVA
JRATUNSELUNA FLOOD CONTROL PROJECT COMPONENT: WEST FLOODWAY / GARANG RIVER IMPROVEMENT CHANNEL AND DIKE WORKS WEST FLOODWAY CROSS SECTIONS (29/39)		PROJECT NAME FLOOD CONTROL, URBAN DRAINAGE AND WATER RESOURCES DEVELOPMENT IN SEMARANG IN THE REPUBLIC OF INDONESIA
JAPAN INTERNATIONAL COOPERATION AGENCY CITY ENGINEERING CO., LTD. IN ASSOCIATION WITH PACIFIC CONSULTANTS INTERNATIONAL INC. PACIFIC INTERNATIONAL INC.		DETECTED SEMARANG CITY
GROUP OF PLANNING AND DESIGN PROJECT MANAGER		DRAWING NO. WF - P4 - CH - Cr. 44 SHEET NO. 46 DATE CONTRACT NO.

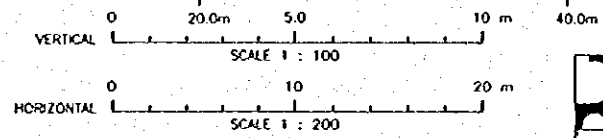
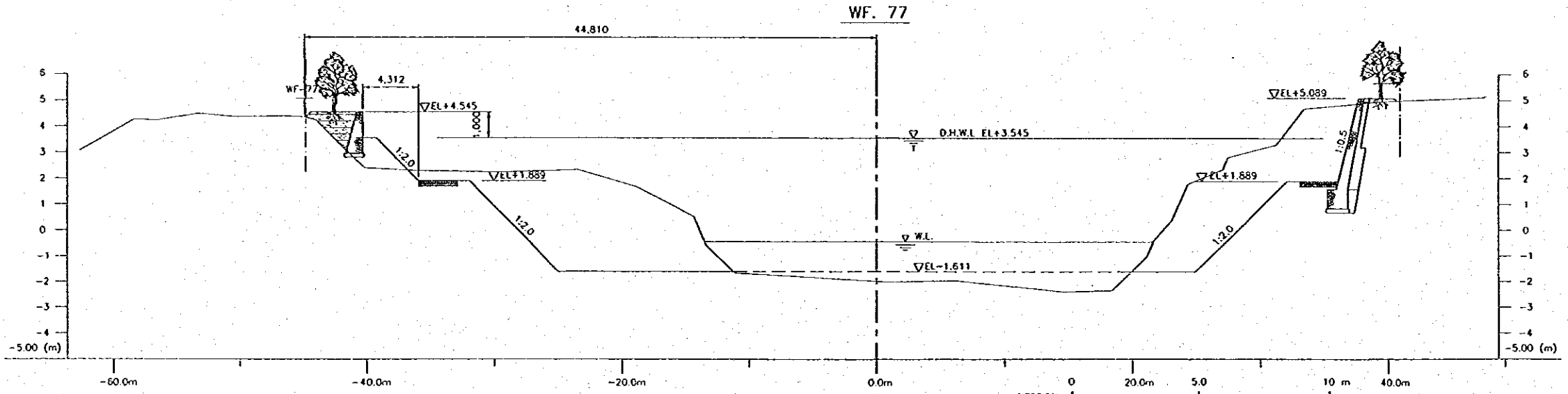
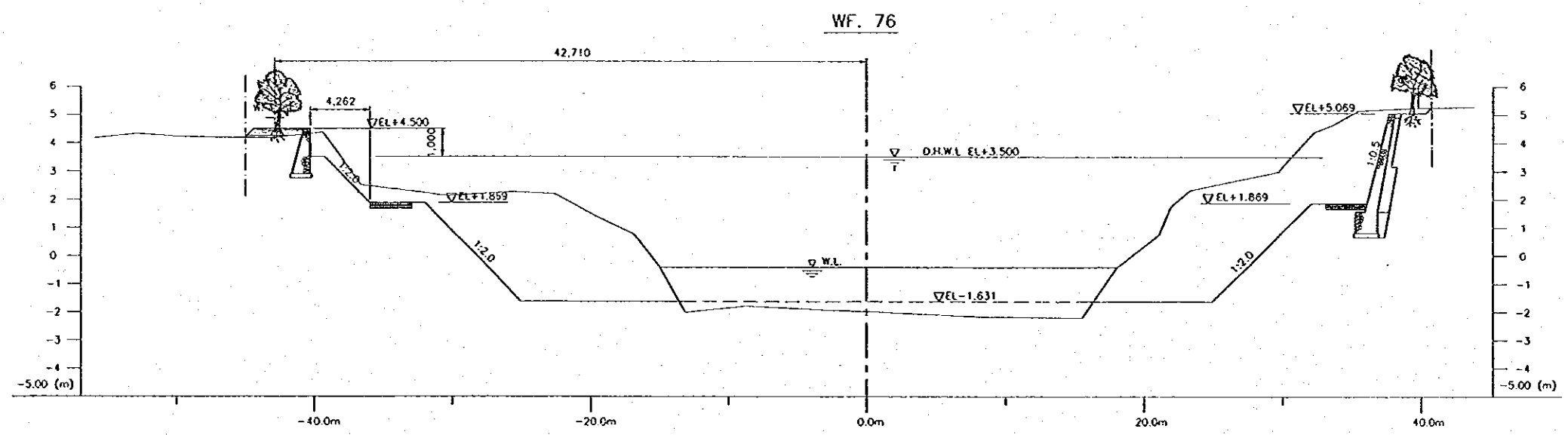
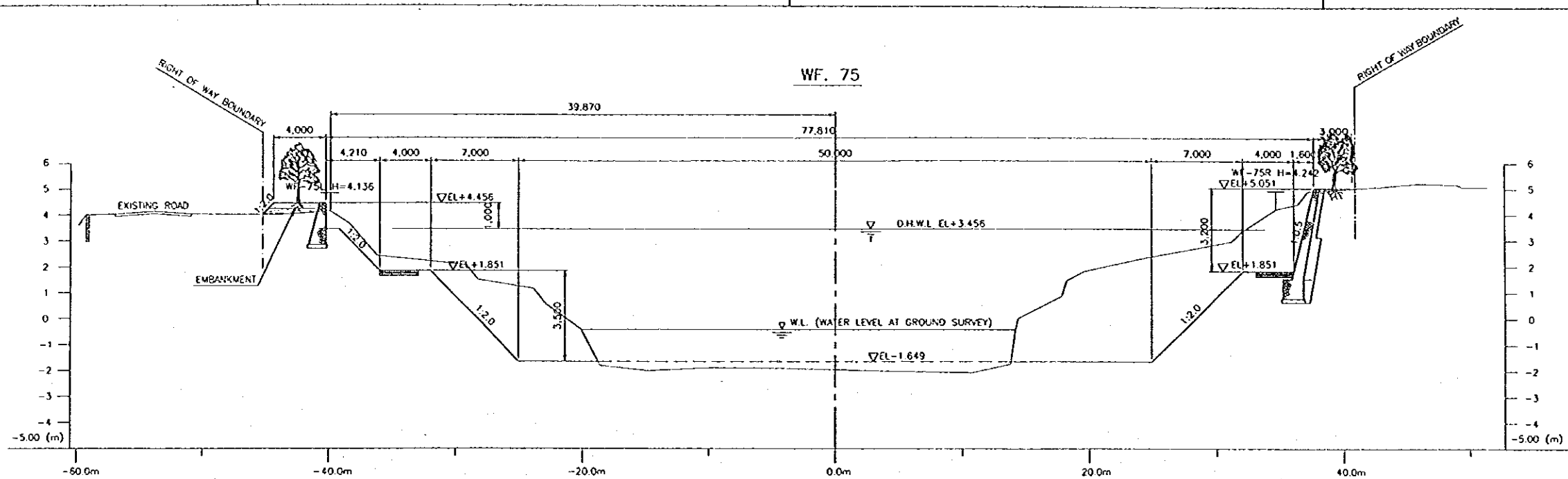


The number in parentheses shows the design dimensions of channel cross section which is perpendicular to the design center line of river channel. (WF. 73, WF. 73+9)



NO.	DATE	REVISION	ORIGINATOR	DESIGNED	APPROVED

		THE REPUBLIC OF INDONESIA MINISTRY OF PUBLIC WORKS DIRECTORATE GENERAL OF WATER RESOURCES DEVELOPMENT AND DIRECTORATE GENERAL OF HUMAN SETTLEMENT		PROVINCE CENTRAL JAVA
		TRATUNSELUMA FLOOD CONTROL PROJECT COMPONENT: WEST FLOODWAY / GARANO RIVER IMPROVEMENT CHANNEL AND DIKE WORKS WEST FLOOD WAY CROSS SECTIONS (30/39)		PROJECT NAME FLOOD CONTROL - URBAN DRAINAGE AND WATER RESOURCES DEVELOPMENT IN SEMARANG IN THE REPUBLIC OF INDONESIA
JAPAN INTERNATIONAL COOPERATION AGENCY CITI ENGINEERING CO., LTD. & ASSOCIATES PACIFIC CONSULTANTS INTERNATIONAL INC. PACIFIC INTERNATIONAL INC.		DESIGNED CHECKED	DATE CONTRACT NO.	DISTRICT SEMARANG CITY
CSBP OF PLANNING AND DESIGN PROJECT MANAGER		SHEET NO. 47		



NO.	DATE	REVISIONS	ORIGINATED	DESIGNED	APPROVED

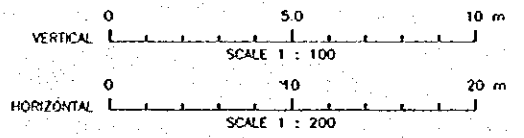
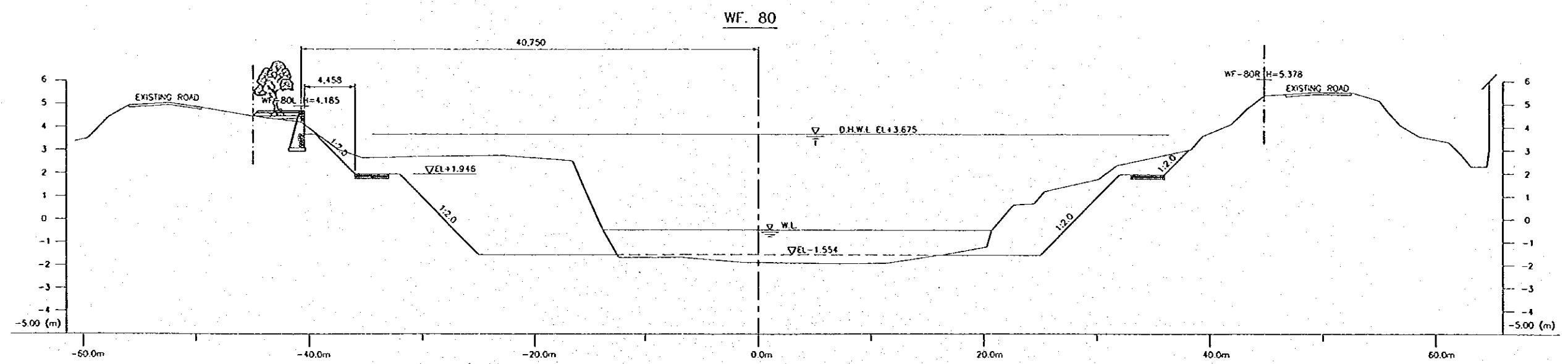
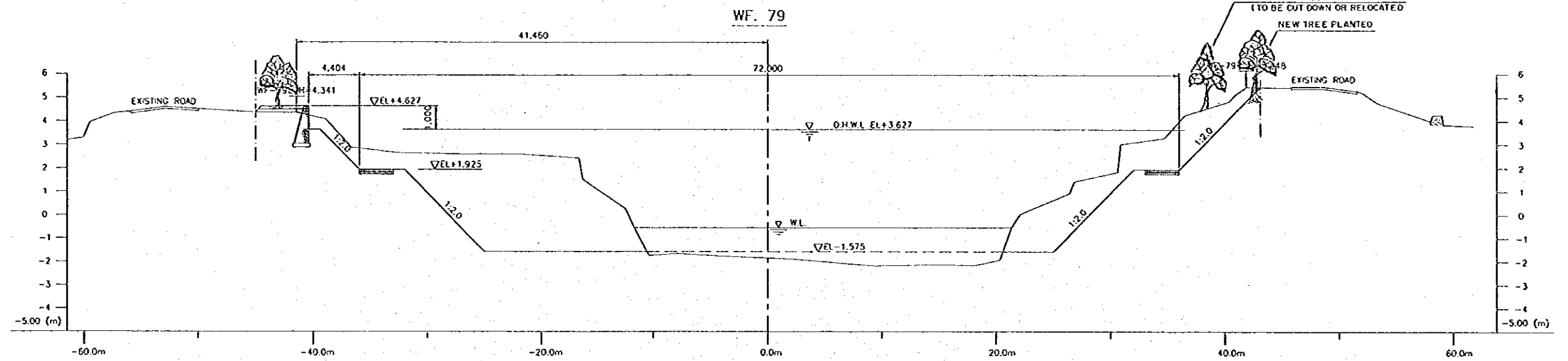
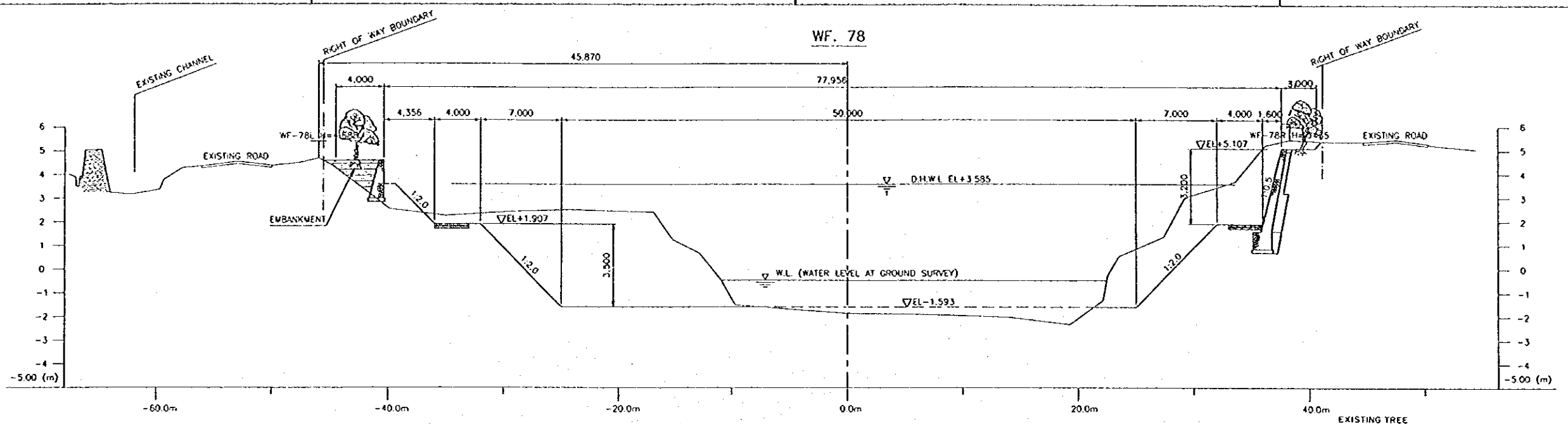
THE REPUBLIC OF INDONESIA
 MINISTRY OF PUBLIC WORKS
 DIRECTORATE GENERAL OF WATER RESOURCES DEVELOPMENT
 AND DIRECTORATE GENERAL OF HUMAN SETTLEMENT

JRATUNSELUNA FLOOD CONTROL PROJECT
 COMPONENT: WEST FLOODWAY / GARANG RIVER IMPROVEMENT
 CHANNEL AND DIKE WAY
 WEST FLOOD WAY
 CROSS SECTIONS (31/39)

PROVINCE: CENTRAL JAWA
 PROJECT NAME: FLOOD CONTROL, DRAINAGE AND WATER RESOURCES DEVELOPMENT IN SEMARANG IN THE REPUBLIC OF INDONESIA
 DISTRICT: SEMARANG CITY
 DRAWING NO. W8-P1-CH-C1.48
 SHEET NO. 48

DATE: _____ CONTRACT NO. _____

DESIGNED: _____
 CHECKED: _____
 APPROVED: _____
 PROJECT MANAGER: _____



NO.	DATE	REVISIONS	ORIGINATED	DRAWN	APPROVED

THE REPUBLIC OF INDONESIA
 MINISTRY OF PUBLIC WORKS
 DIRECTORATE GENERAL OF WATER RESOURCES DEVELOPMENT
 AND DIRECTORATE GENERAL OF HUMAN SETTLEMENT

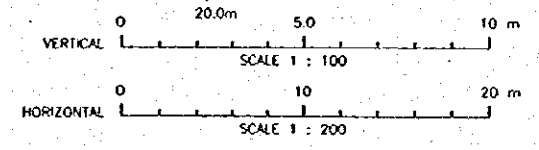
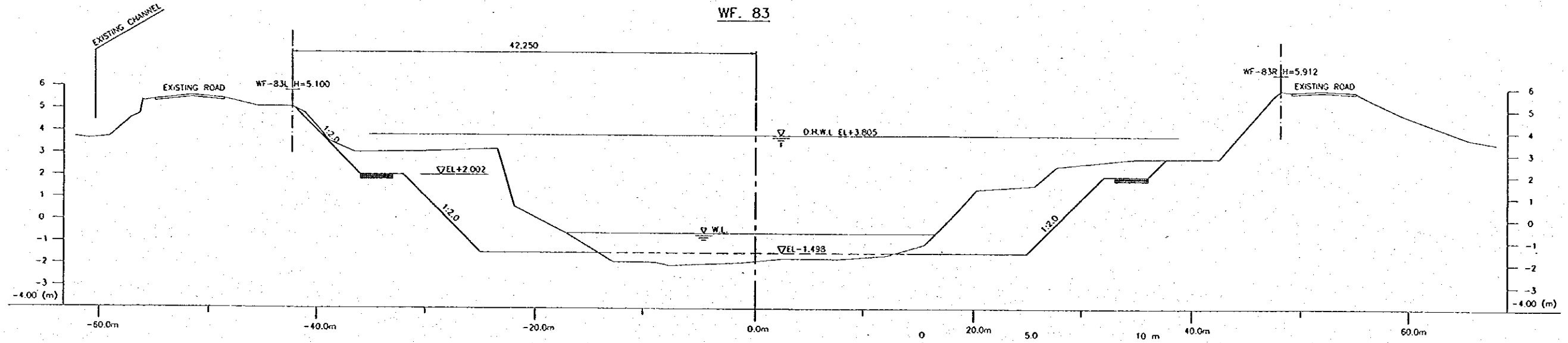
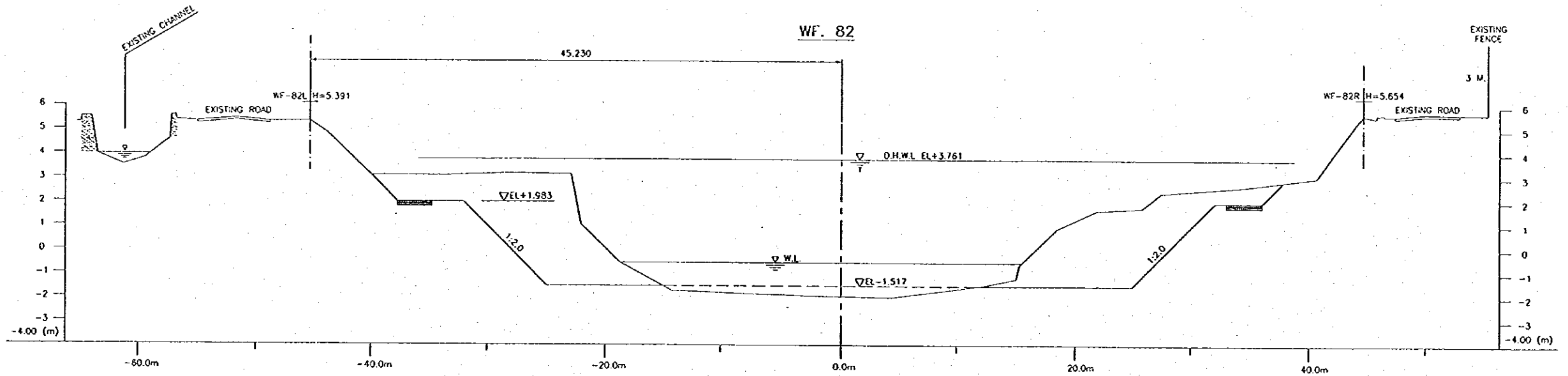
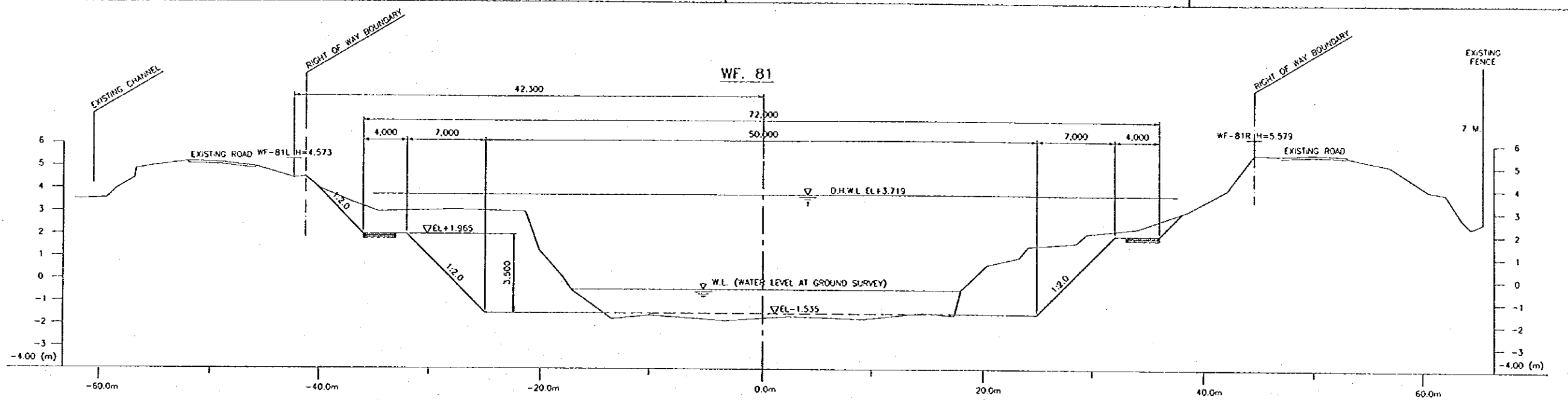
IRATUNSELUNA FLOOD CONTROL PROJECT
 COMPONENT: WEST FLOODWAY / GARANO RIVER IMPROVEMENT
 CHANNEL AND DIKE WORKS
 WEST FLOOD WAY
 CROSS SECTIONS (32/39)

JAPAN INTERNATIONAL COOPERATION AGENCY
 CITY ENGINEERING CO. LTD. IN ASSOCIATION WITH
 PACIFIC CONSULTANTS INTERNATIONAL, INC.
 PACIFIC CONSULTANTS INTERNATIONAL, INC.

DESIGNED: [Signature]
 CHECKED: [Signature]

CHEF OF PLANNING AND DESIGN
 PROJECT MANAGER

PROVINCE: CENTRAL JAVA
 PROJECT NAME: FLOOD CONTROL, URBAN DRAINAGE AND WATER RESOURCES DEVELOPMENT IN SEMARANG IN THE REPUBLIC OF INDONESIA
 DISTRICT: SEMARANG CITY
 DRAWING NO. W-8-P1-CH-Cr.47
 SHEET NO. 49
 DATE: [Blank]
 CONTRACT NO. [Blank]



NO.	DATE	REVISIONS	ORIGINATED	DESIGNED	APPROVED

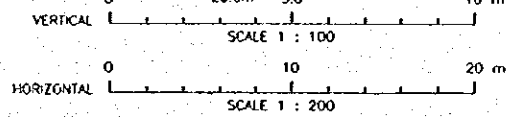
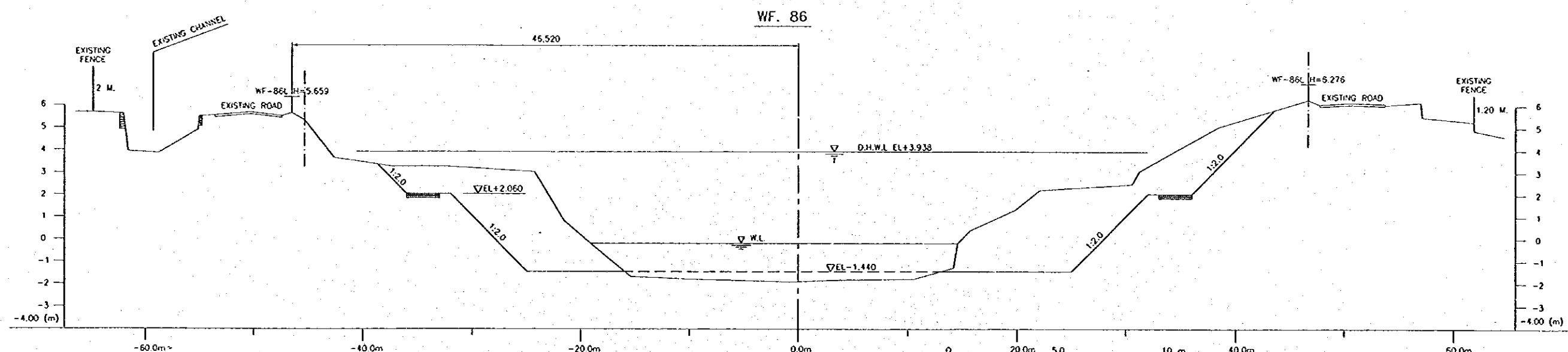
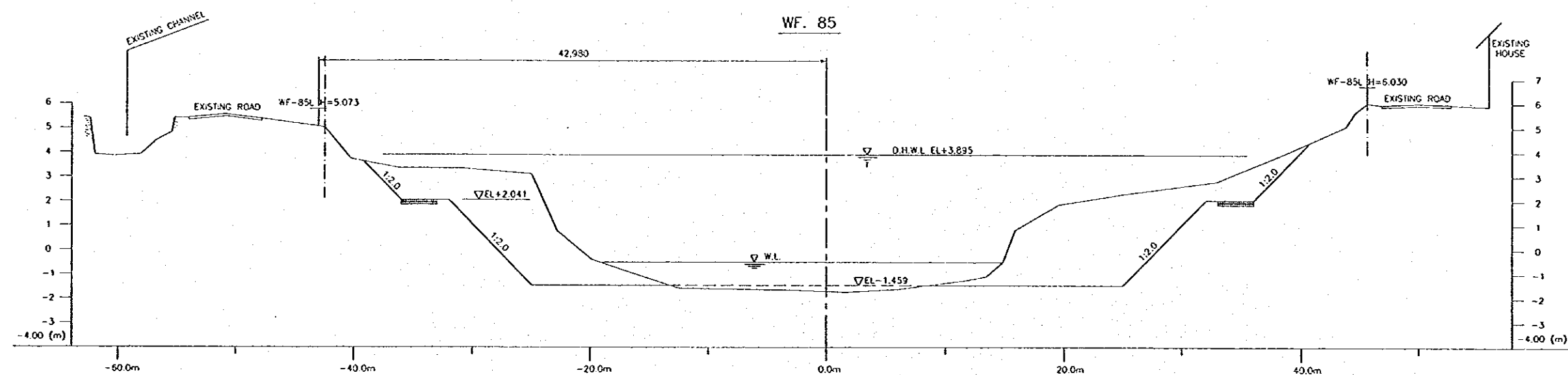
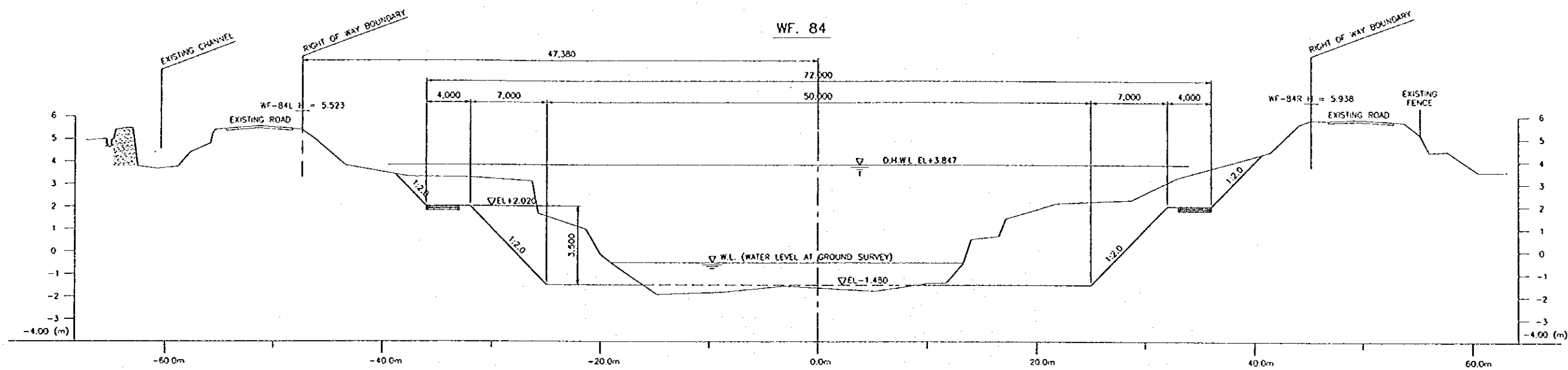
THE REPUBLIC OF INDONESIA
 MINISTRY OF PUBLIC WORKS
 DIRECTORATE GENERAL OF WATER RESOURCES DEVELOPMENT AND DIRECTORATE GENERAL OF HUMAN SETTLEMENT

PROVINCE: CENTRAL JAVA
 PROJECT NAME: FLOOD CONTROL, URBAN DRAINAGE AND WATER RESOURCES DEVELOPMENT IN SEMARANG IN THE REPUBLIC OF INDONESIA
 DISTRICT: SEMARANG CITY
 DRAWING NO. WB-P1-CH-CY.48
 SHEET NO. 58

FRATUNSELUNA FLOOD CONTROL PROJECT
 COMPONENT: WEST FLOOD WAY / GARANG RIVER IMPROVEMENT CHANNEL AND DIKE WORKS
 WEST FLOOD WAY
 CROSS SECTIONS (33/39)

DESIGNED: [Signature]
 CHECKED: [Signature]
 DATE: [Date]
 CONTRACT NO. [Number]

APPROVED: [Signature]
 PROJECT MANAGER



NO.	DATE	REVISIONS	ORIGINATED	DESIGNED	APPROVED

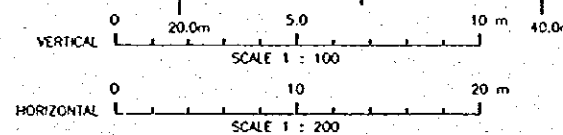
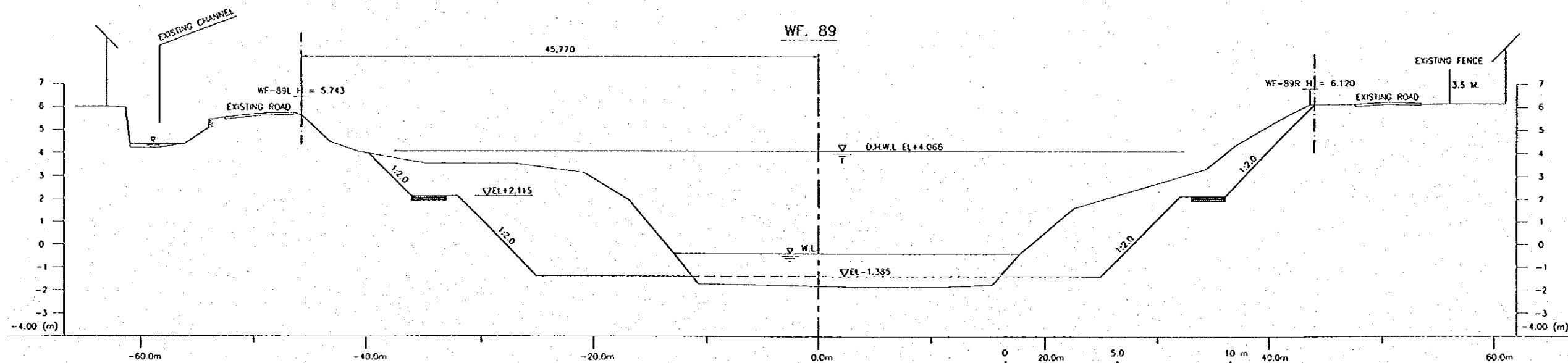
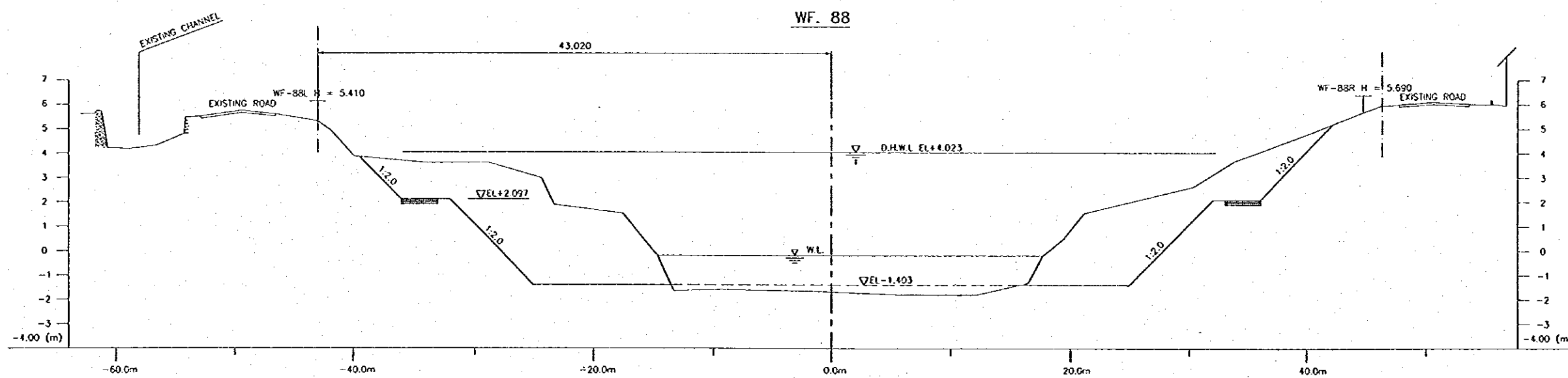
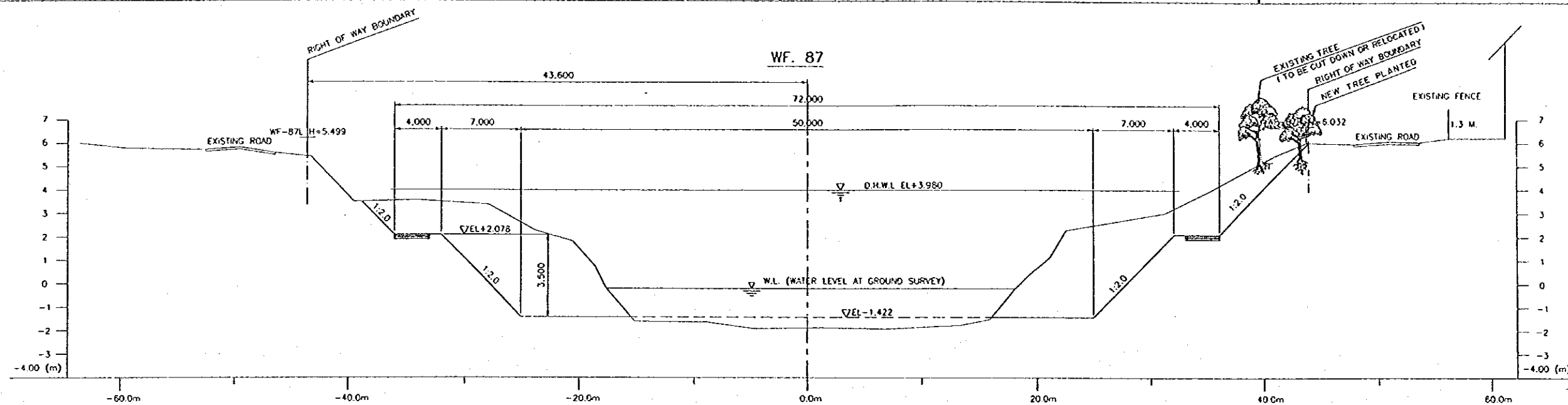
THE REPUBLIC OF INDONESIA
 MINISTRY OF PUBLIC WORKS
 DIRECTORATE GENERAL OF WATER RESOURCES DEVELOPMENT AND UTILIZATION
 AND DIRECTORATE GENERAL OF HUMAN SETTLEMENT

FRATUNSELUNA FLOOD CONTROL PROJECT
 COMPONENT: WEST FLOODWAY / GARANG RIVER IMPROVEMENT
 CHANNEL AND DIKE WORKS
 WEST FLOODWAY
 CROSS SECTIONS (34/39)

PROVINCE: CENTRAL JAVA
 PROJECT NAME: FLOOD CONTROL, URBAN DRAINAGE AND WATER RESOURCES DEVELOPMENT IN SEMARANG IN THE REPUBLIC OF INDONESIA
 DISTRICT: SEMARANG CITY
 DRAWING NO. WF-P1-CH-CR.49
 SHEET NO. 51

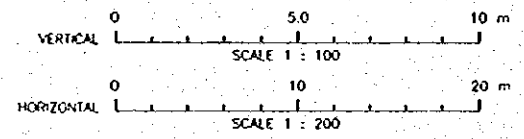
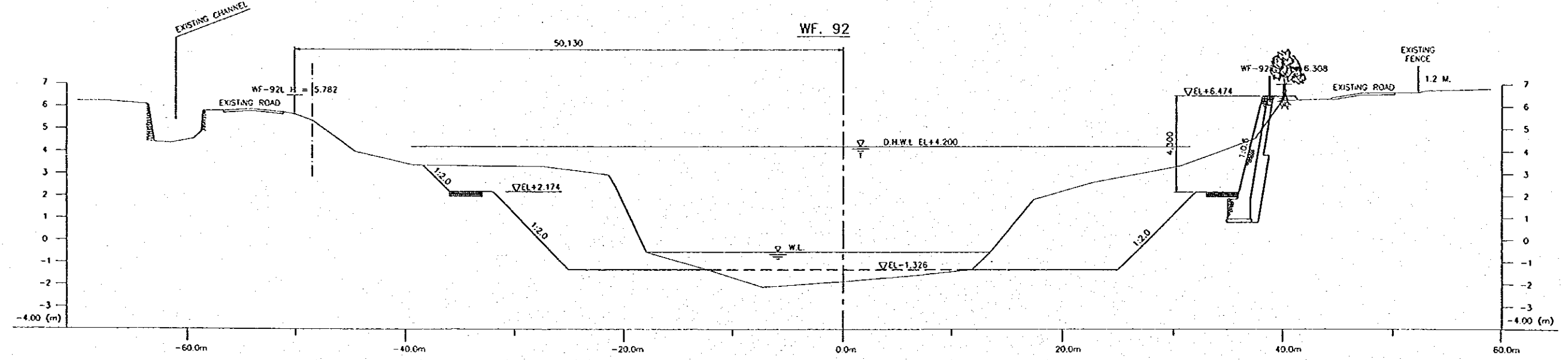
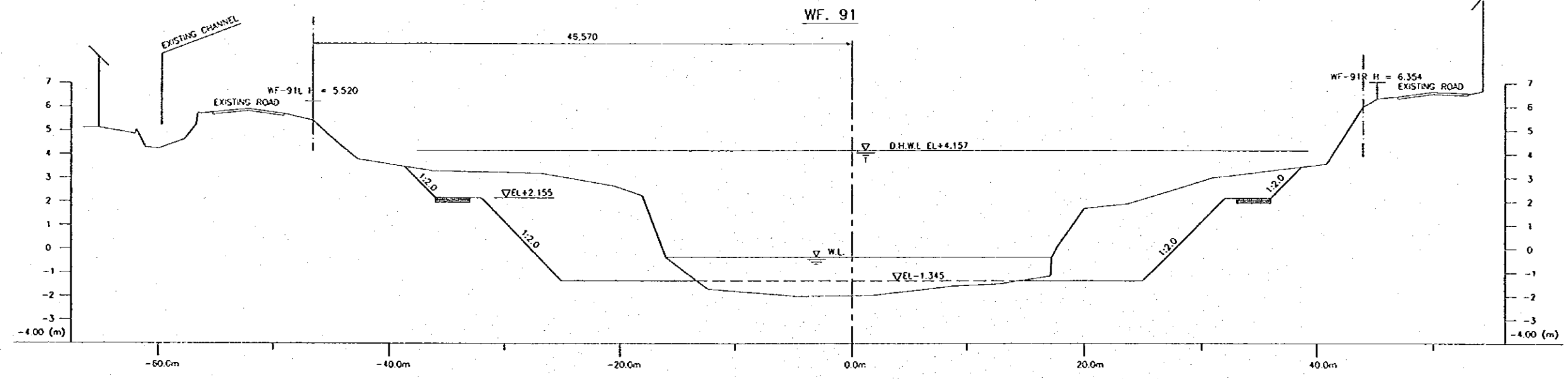
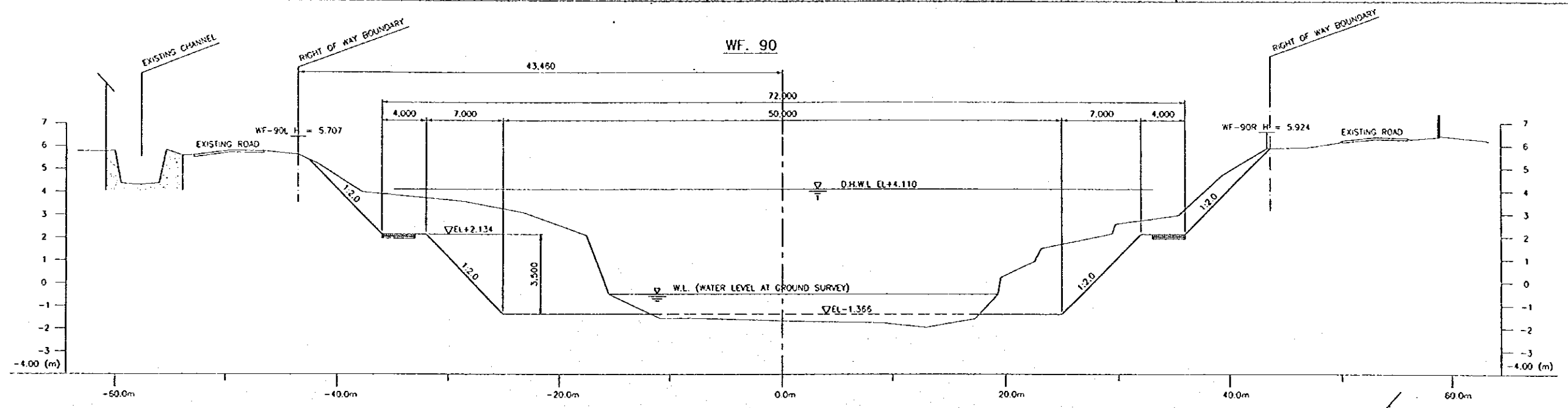
DATE: _____ CONTRACT NO.: _____

DESIGNED: _____
 CHECKED: _____
 APPROVED: _____
 PROJECT MANAGER: _____



NO.	DATE	REVISIONS	ORGANIZED	DESIGNED	APPROVED

THE REPUBLIC OF INDONESIA MINISTRY OF PUBLIC WORKS DIRECTORATE GENERAL OF WATER RESOURCES DEVELOPMENT AND DIRECTORATE GENERAL OF HUMAN SETTLEMENT		PROVINCE CENTRAL JAVA
IRATUNSELUNA FLOOD CONTROL PROJECT COMPONENT: WEST FLOODWAY / GARANO RIVER IMPROVEMENT CHANNEL AND DIKE WORKS WEST FLOOD WAY CROSS SECTIONS (35/39)		PROJECT NAME FLOOD CONTROL, URBAN DRAINAGE AND WATER RESOURCES DEVELOPMENT IN SEMARANG IN THE REPUBLIC OF INDONESIA
DAJAH INTERNATIONAL COOPERATION AGENCY CJI ENGINEERING CO., LTD. IN ASSOCIATION WITH PACIFIC CONSULTANTS INTERNATIONAL AND DAJAH INTERNATIONAL, INC.		DISTRICT SEMARANG CITY
DESIGNED CHECKED IN CHARGE OF PLANNING AND DESIGN	APPROVED PROJECT MANAGER	DRAWING NO. WB-PH-CH-CF-50 SHEET NO. 52 DATE CONTRACT NO.



NO.	DATE	REVISIONS	ORIGINATED	DESIGNED	APPROVED

THE REPUBLIC OF INDONESIA
 MINISTRY OF PUBLIC WORKS
 DIRECTORATE GENERAL OF WATER RESOURCES DEVELOPMENT AND DIRECTORATE GENERAL OF HUMAN SETTLEMENT

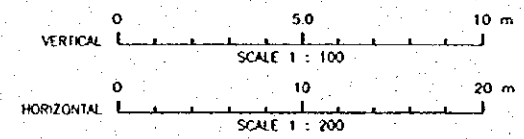
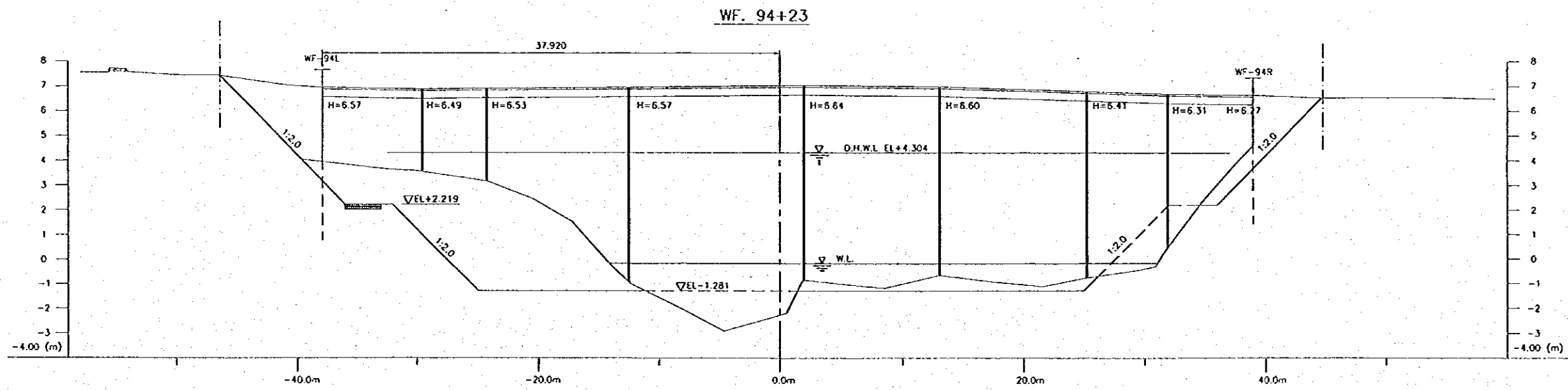
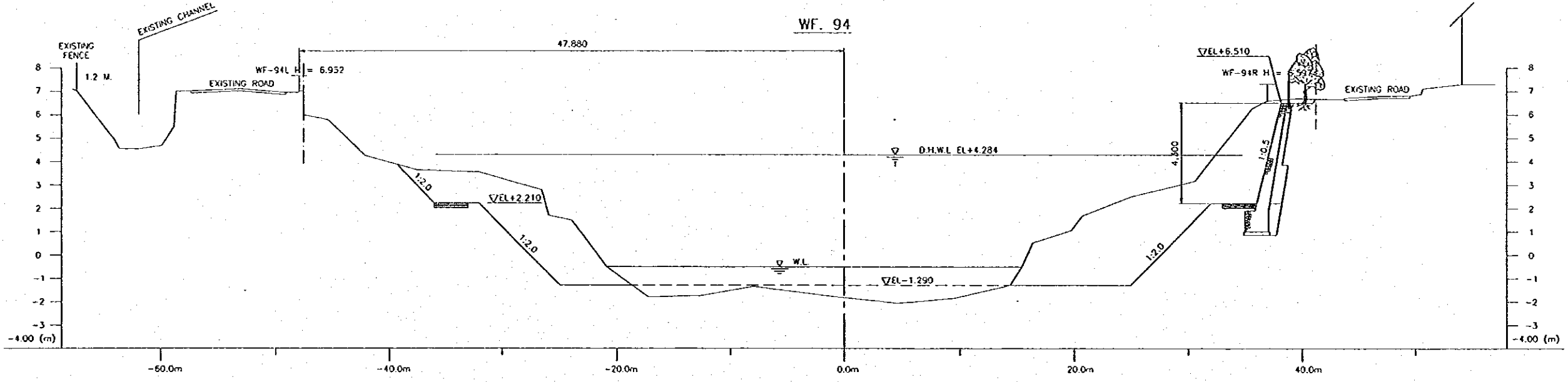
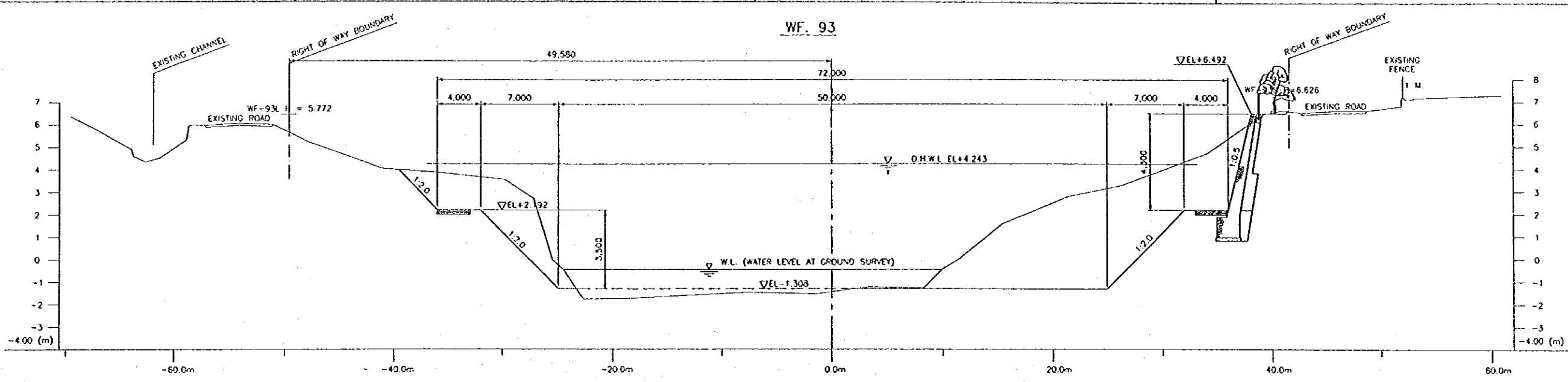
PROVINCE: CENTRAL JAVA
 PROJECT NAME: FLOOD CONTROL, URBAN URUHAN AND WATER RESOURCES DEVELOPMENT IN SEMARANG IN THE REPUBLIC OF INDONESIA
 DISTRICT: SEMARANG CITY
 DRAWING NO. W 8 - P 1 - CH - Cc 51
 SHEET NO. 53

FRATUNSELUNA FLOOD CONTROL PROJECT
 COMPONENT: WEST FLOODWAY / GARANG RIVER IMPROVEMENT CHANNEL AND DIKE WORKS
 WEST FLOOD WAY
 CROSS SECTIONS (36/39)

SAPAN INTERNATIONAL COOPERATION AGENCY
 CCI ENGINEERING CO., LTD. IN ASSOCIATION WITH
 PACIFIC CONSULTANTS INTERNATIONAL AND
 FARO INTERNATIONAL, INC.

DESIGNED: [Signature]
 CHECKED: [Signature]
 ORIGINATED: [Signature]
 APPROVED: [Signature]

DATE: [] CONTRACT NO. []



NO.	DATE	REVISIONS	DESIGNED	CHECKED	APPROVED

THE REPUBLIC OF INDONESIA
 MINISTRY OF PUBLIC WORKS
 DIRECTORATE GENERAL OF WATER RESOURCES DEVELOPMENT AND DIRECTORATE GENERAL OF HUMAN SETTLEMENT
BRATUNSELUNA FLOOD CONTROL PROJECT
 COMPONENT: WEST FLOODWAY / QARANO RIVER IMPROVEMENT
CHANNEL AND DIKE WORKS
CROSS SECTIONS (37/39)

PROVINCE	CENTRAL JAWA
PROJECT NAME	FLOOD CONTROL, URBAN DRAINAGE AND WATER RESOURCES DEVELOPMENT IN SEMARANG IN THE REPUBLIC OF INDONESIA
DISTRICT	SEMARANG CITY
DRAWING NO.	WR-PF-CH-CR. 52
SHEET NO.	54
DATE	
CONTRACT NO.	

JAPAN INTERNATIONAL COOPERATION AGENCY
 CH. ENGINEERING CO., LTD. IN ASSOCIATION WITH
 PACIFIC CONSULTANTS INTERNATIONAL AND
 TASC INTERNATIONAL INC.
 CHIEF OF PLANNING AND DESIGN
 PROJECT MANAGER