

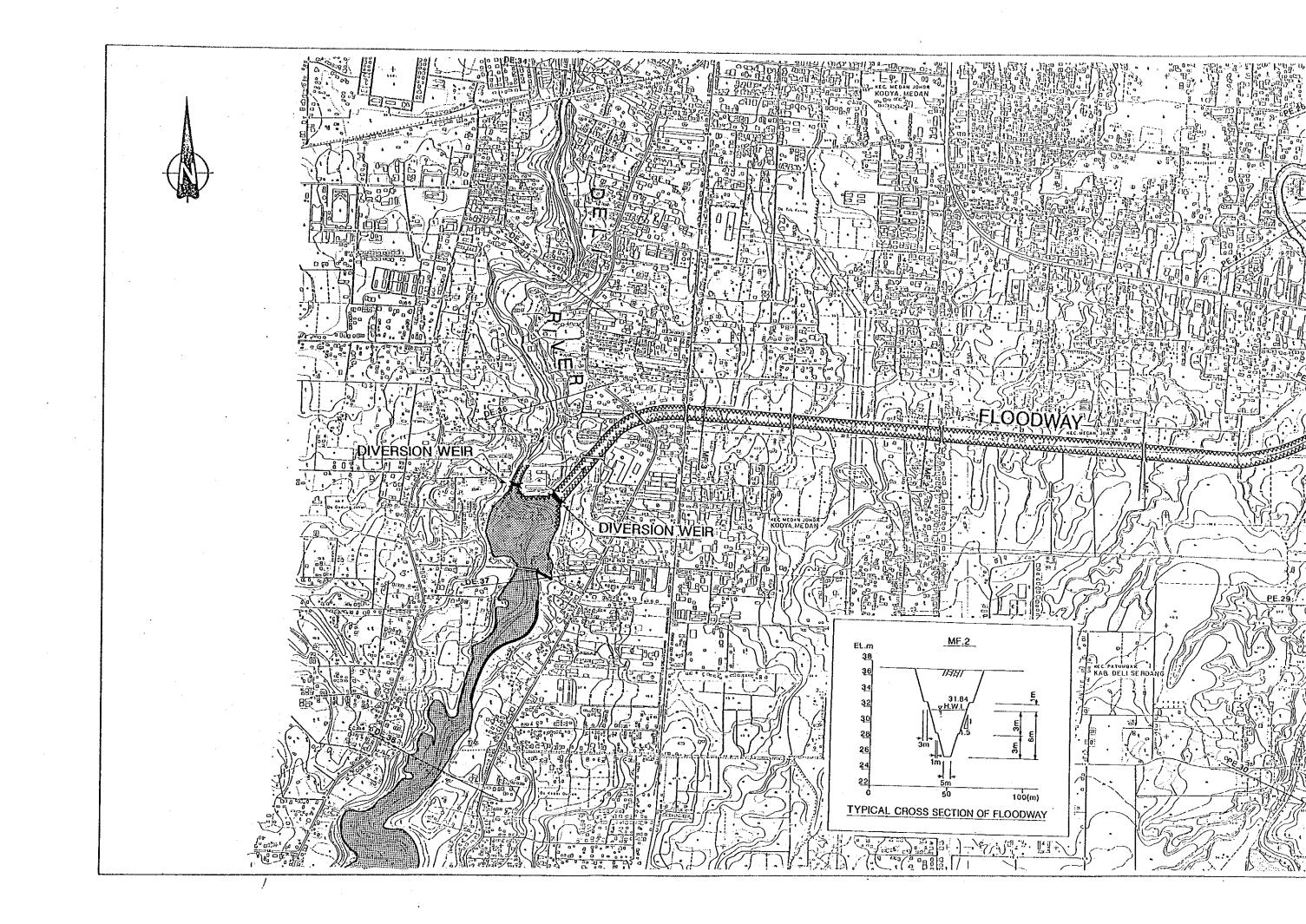
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 E>	XISTING DIKE	
NI	EW EARTH DIKE	
NI	EW PARAPET WALL	
LC	OW WATER CHANNEL ALIGNMENT	
Di	EVETMENT	
	EW IRRIGATION CANAL	
	LUICE WAY	
	ATER GATE	
B	RIDGE (TO BE CONSTAUCTED)	
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"	NUNDATION AREA	
S 200 400	SCALE 600 800 1000m	•
SPATED RIVER BASIN DEVELOPMEN	ALIGNMENT AND TYPICAL CROS	SS SECTION OF
OF WOONESIA	URGENT PADANG RIVER IMPRO	/EMENT WORKS Fig.4-6(3/3)
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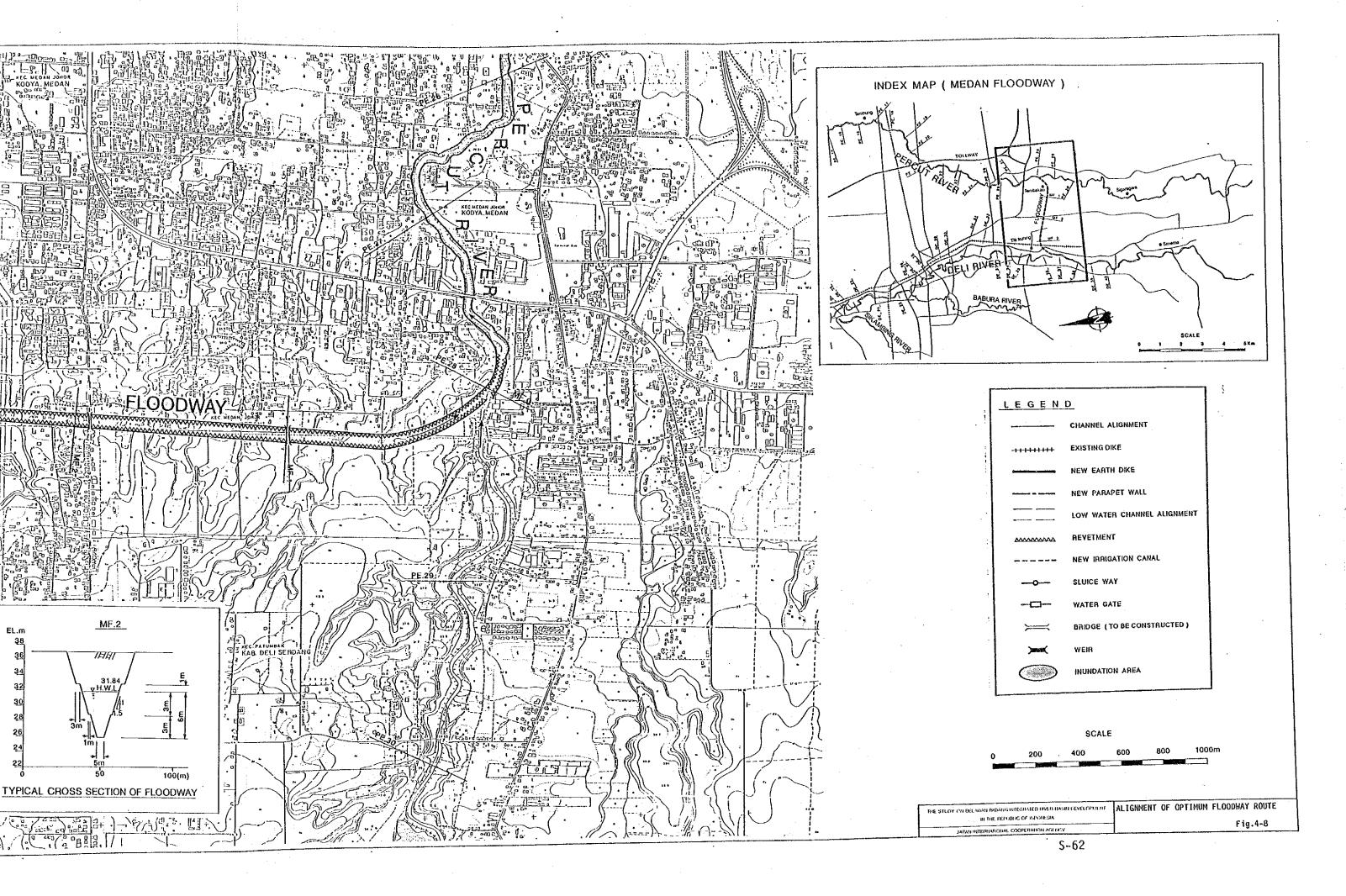
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		Para Lonnang Intere Para Lonnang Road Br. National Road Br. Pathana Road Br.
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	30	
	25	6 PRESENT LEFT BANK PRESENT GROUND (LEFT SIDE)
	20	PRESENT GROUND (RIOHT SIDE) PRESENT AVERAGE RIVER BED
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Gradient of D	0 -5 vesign Riverb≜d	0 RIVER IMPROVEMENT 5 1/8,000 1/4,000 1/1,000 1/1,100 1/1,100
Gradient of D Design	0 -5 esign Riverbed Dike Crown	
Design Elevation		
Design	Dike Crown	5 5 1/8,000 1/4,000 1/4,000 1/1,00
Design Elevation	Dike Crown High Hatar	-5 -5 -5 -5 -5 -5 -5 -5 -5 -5
Design Elevation (m) Present Elevation	Dike Crown High Hater Riverbed	-5 -5 -1/8,000 - 1/4,000 - 1/1,100 - 1/0,100 - 1/0,100 - 1/0,100 - 1/0,100 - 1/0,100 - 1/0,100 - 1/0,100 - 1/0,100 - 1/0,100 - 1/0,100 - 1/0,100 - 1/1,100 - 1/1,100 - 1/1,100 - 1/1,100 - 1/1,100 - 1/1,100 - 1/0,100
Design Elevation (m) Present	Dike Crown High Hater Riverbed Right Ground	-0-0-0- -1/1,000 1/1,100 1/1,100 1/1000 1/1,100 1/1,100 1/1,100 1/1000 1/1,100 1/1,100 1/1,100 1/1000 1/1,100 1/1,100 1/1,100 1/1000 1/1,100 1/1,100 1/1,100 1/1000 1/1,100 1/1,100 1/1,100 1/1000 1/1,100 1/1,100 1/1,100 1/1000 1/1,100 1/1,100 1/1,100 1/1000 1/1,100 1/1,100 1/1,100 1/1000 1/1,100 1/1,100 1/1,100 1/1000 1/1,100 1/1,100 1/1,100 1/1000 1/1,100 1/1,100 1/1,100 1/1000 1/1,100 1/1,100 1/1,100 1/1000 1/1,100 1/1,100 1/1,100 1/1000 1/1,100 1/1,100 1/1,100 1/1000 1/1,100 1/1,100 1/1,100 1/1000 1/1,100 1/1,100 1/1,100 1/1100 1/1,100 1/1,100 1/1,100 1/1100 1/1,100
Design Elevation (m) Present Elevation	Dike Crown High Hater Riverbed Right Ground Left Ground Average	
Design Elevation (m) Present Elevation (m)	Dike Crown High Hater Riverbed Right Ground Left Ground Average Riverbed	-0-0-0- -1/1,000 1/1,100 1/1,100 1/1000 1/1,100 1/1,100 1/1,100 1/1000 1/1,100 1/1,100 1/1,100 1/1000 1/1,100 1/1,100 1/1,100 1/1000 1/1,100 1/1,100 1/1,100 1/1000 1/1,100 1/1,100 1/1,100 1/1000 1/1,100 1/1,100 1/1,100 1/1000 1/1,100 1/1,100 1/1,100 1/1000 1/1,100 1/1,100 1/1,100 1/1000 1/1,100 1/1,100 1/1,100 1/1000 1/1,100 1/1,100 1/1,100 1/1000 1/1,100 1/1,100 1/1,100 1/1000 1/1,100 1/1,100 1/1,100 1/1000 1/1,100 1/1,100 1/1,100 1/1000 1/1,100 1/1,100 1/1,100 1/1000 1/1,100 1/1,100 1/1,100 1/1000 1/1,100 1/1,100 1/1,100 1/1100 1/1,100 1/1,100 1/1,100 1/1100 1/1,100

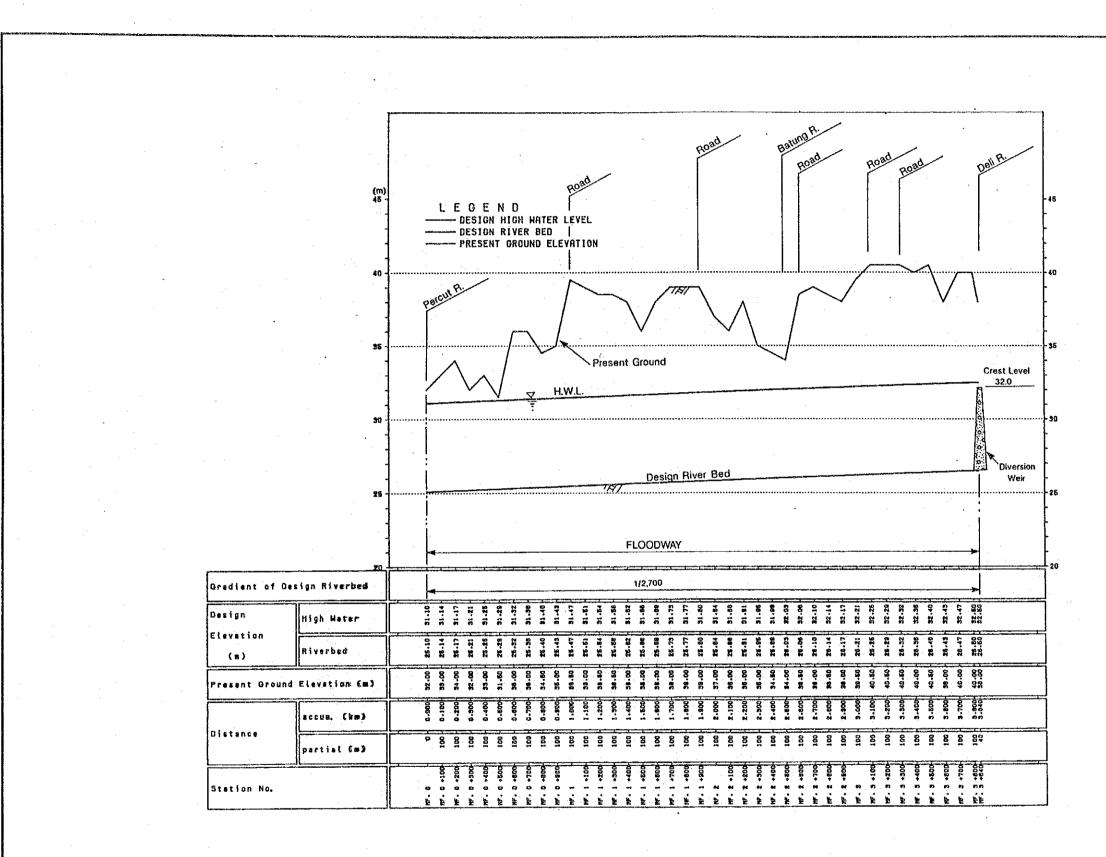
THE STUDY ON BELAWAN-PADANG INTEGRATED RIVER BASIN DEVELOPMENT IN THE REPUBLIC OF INDONESIA					
	JAPAN INTERNATIONAL COOPERATION AGENCY				

GITUDINAL PROFILE OF URGENT PADANG ER IMPROVEMENT WORKS Fig.4-7

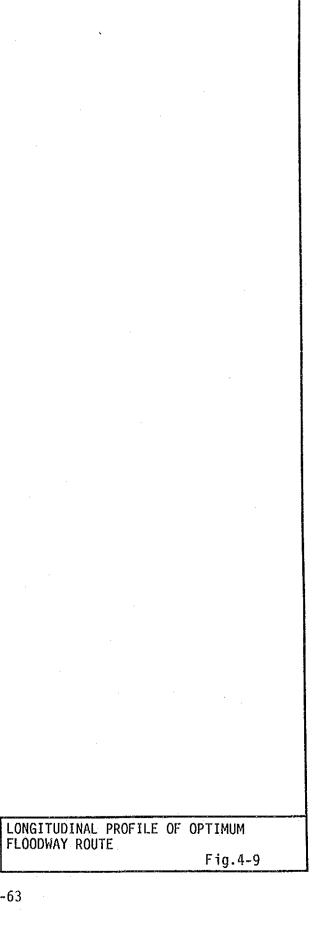
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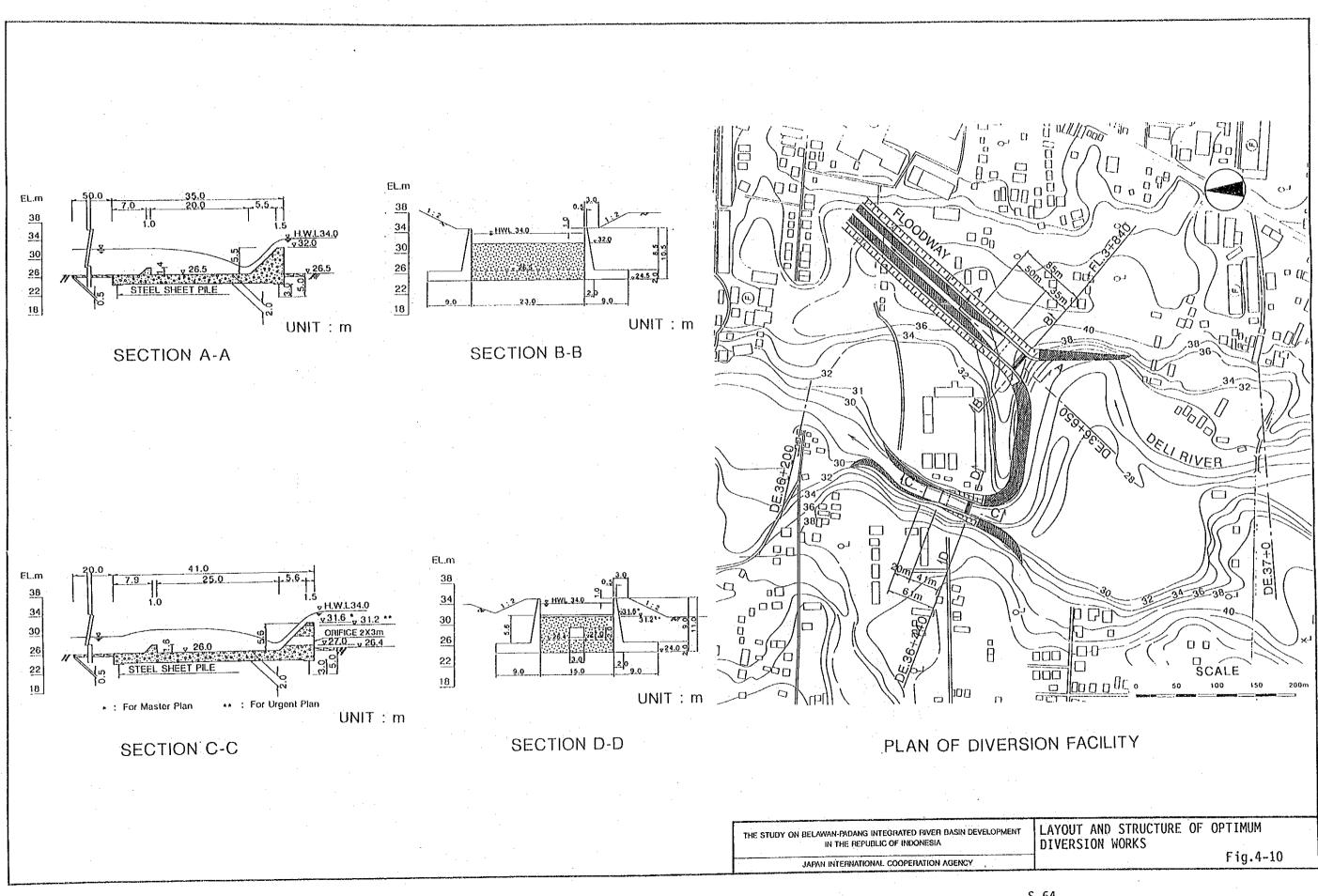


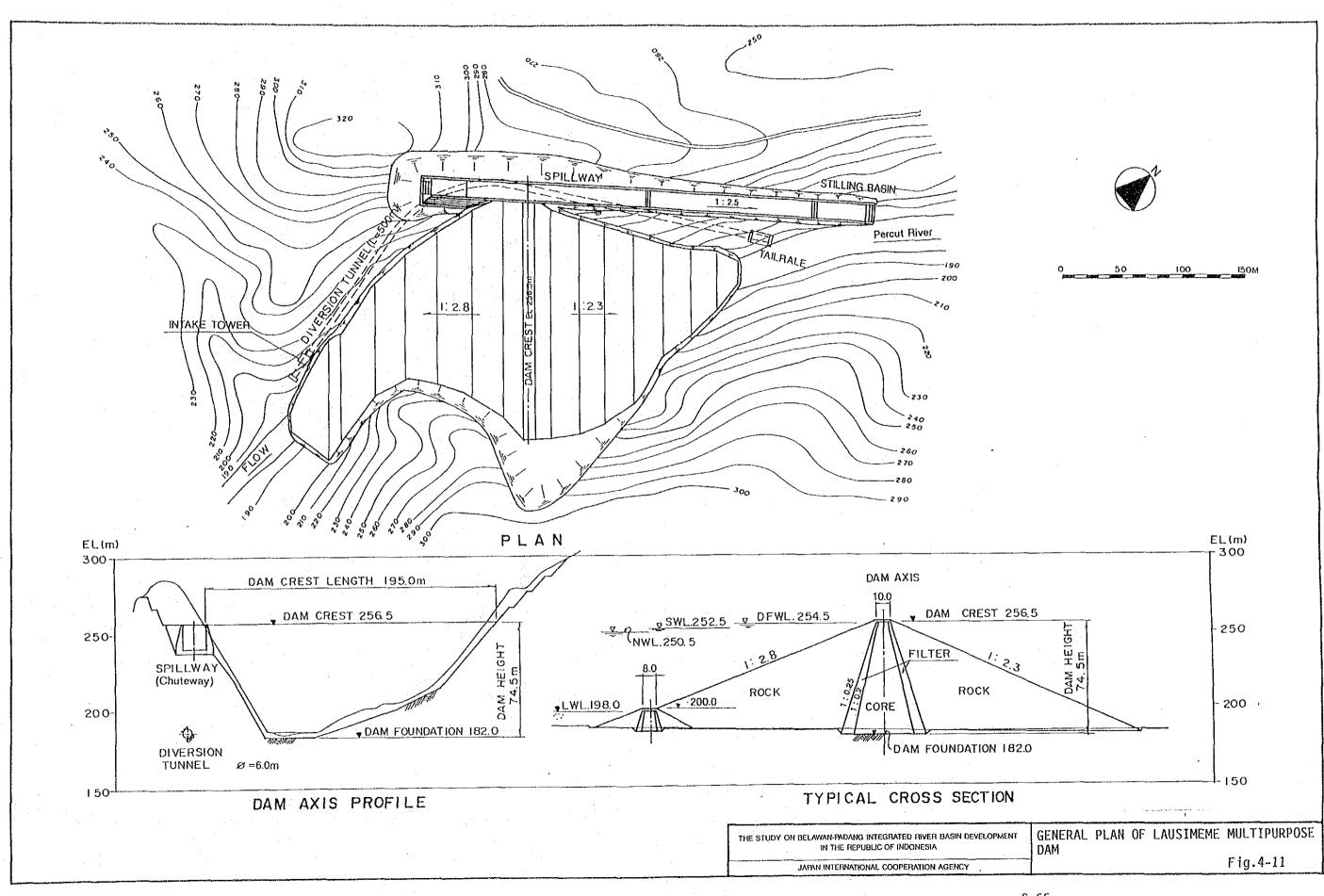




THE STUDY ON BELAWAN-PADANG INTEGRATED FIVER BASIN DEVELOPMENT IN THE REPUBLIC OF INDONESIA JAPAN INTERNATIONAL COOPERATION AGENCY







EL. E 000 150 250 200 8 20 PLAN OF CONTROL STRUCTURE over Flow section 요데 STILLING BASIN 0 45 EL. 252.5 5 EL. 256.5 <u>1</u>< {⊵ً 5,20, 2 ЭΞ LONGITUDINAL PROFILE OF SPILLWAY 4 1/25 붛 Ñ 14.4 DAM CREST 8 18 8 DOWN STREAM SLOPE CHUTEWAY 17.180 8 DAM AXIS 30,00 DAM CREST OVER FLOW SECTION 50 UPSTREAM SLOPE STRUCTURE CONTRO 1/10 0.0 35 A-A' SECTION ORIGINAL GROUND SURFACE NWL 2505 245.0 00 בר בר 1501 ဗ္ဂိ 200-300-250-LONGITUDINAL PROFILE OF SPILLWAY THE STUDY ON BELAWAN-PADANG INTEGRATED RIVER BASIN DEVELOPMENT IN THE REPUBLIC OF INDONESIA Fig.4-12 JAPAN INTERNATIONAL COOPERATION AGENCY

ΠΕΜ	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Dell-Percut River Flood Control And Water Supply Project										
1. Feasibility Study (JICA)						-				
2. Loarn Application for Detailed Design										
3. Detailed Design (2 years) °										
4. Environmental impact Assessment				5. 52						2
5. Loan Appilcation for Construction]								
6. Compensation by Government			· · ·							
7. Construction										
(1) Percut River Improvement										
(2) Medan Floodway										
(3) Lausimeme Dam										
(4) Dell River Improvement **					[
PADANG RIVER IMPROVEMENT PROJECT										
1. Feasibility Study (JICA)										
2. Loan Application for Detailed Design and Construction				a Belle						
3. Detailed Design (1.5 year)										
4. Environmental Impact Assessment										
5. Compensation by Government									· .	
6, Construction										
 Detailed design work for the Detailed design work for the Detailed excluding the Deti River Improve Construction works of Deti River 	tnem					Supply	Project	[<u> </u>
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