

# Middle and Lower Reaches of Indragiri River

Kuantan Dam

Kuantan River

6, 550
(6, 550)
(6, 550)
(6, 550)

Rengat
Indragiri Retarding Basin

(6, 550)

Rengat
Indragiri River

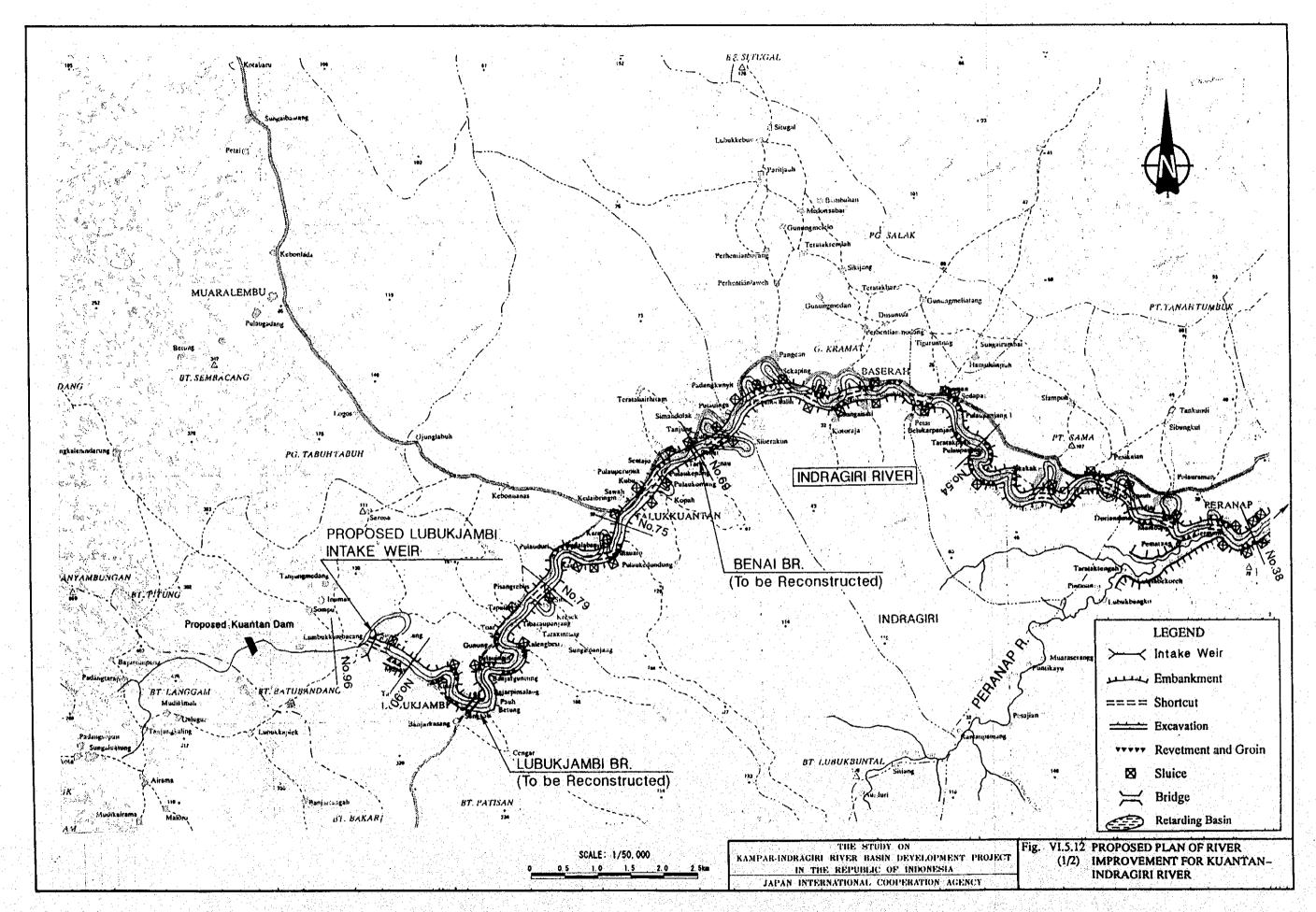
Unit: m³/s

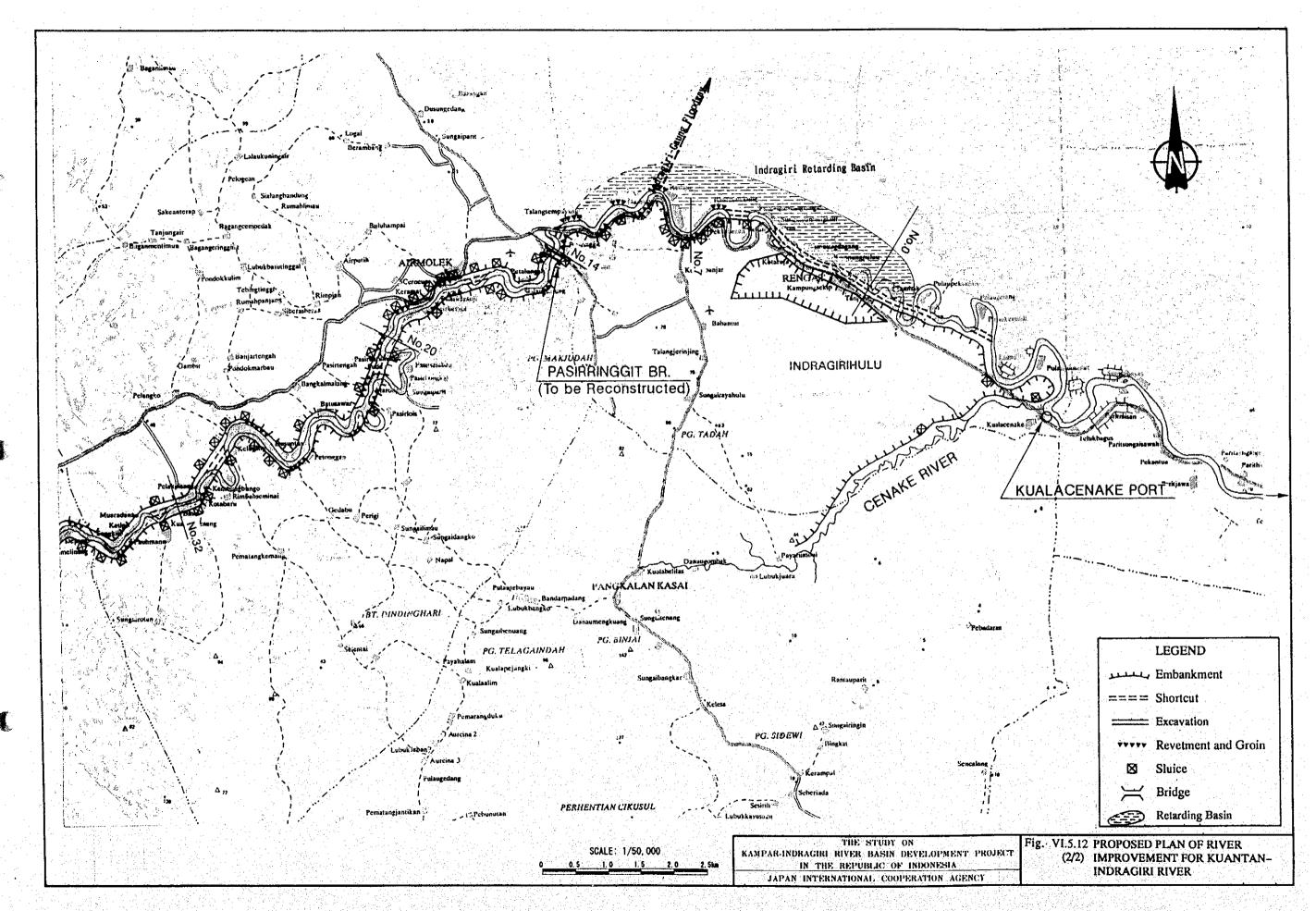
Note: Design Scale: 50-year Return Period

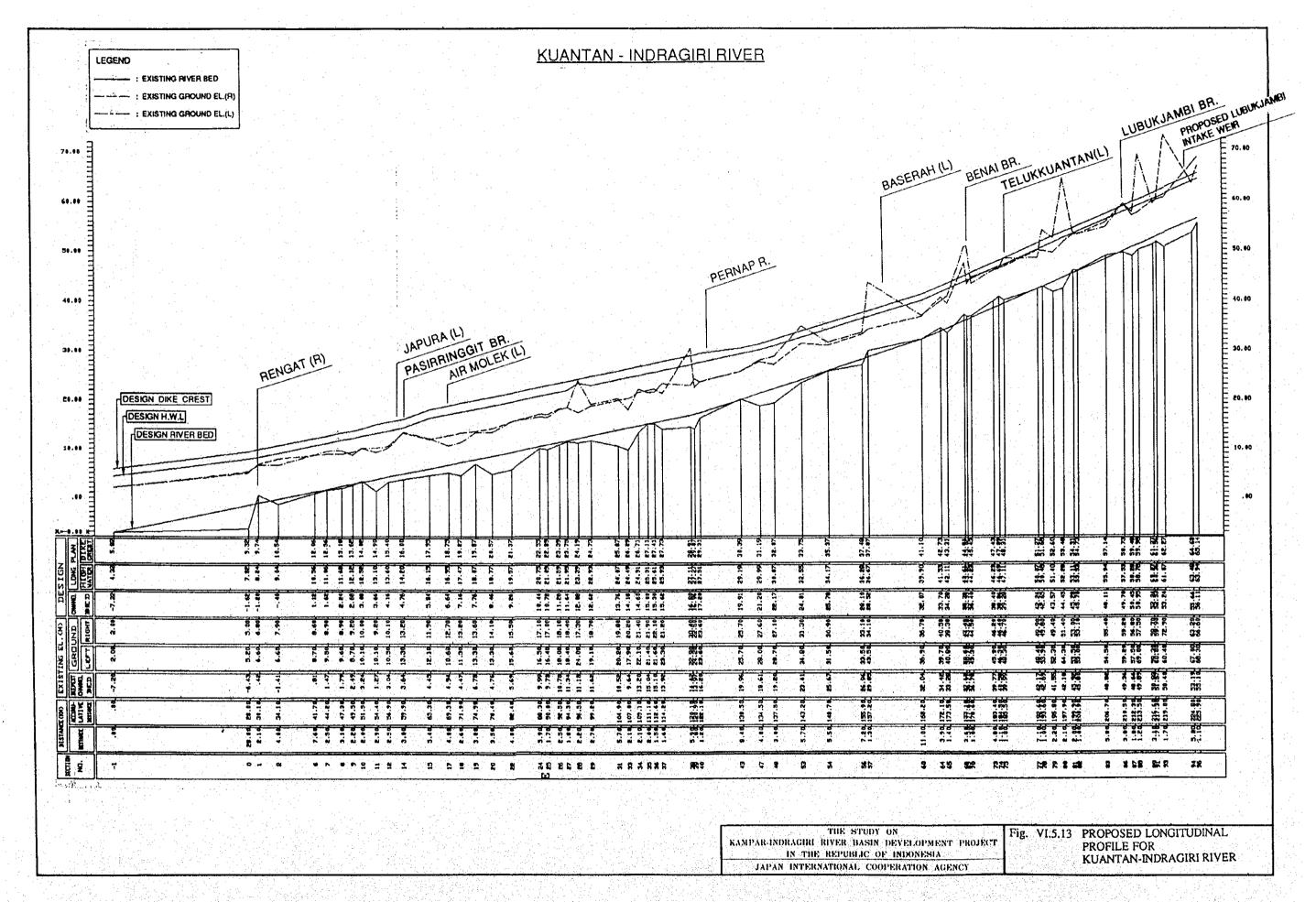
Figures in Parentheses are standard design discharges.

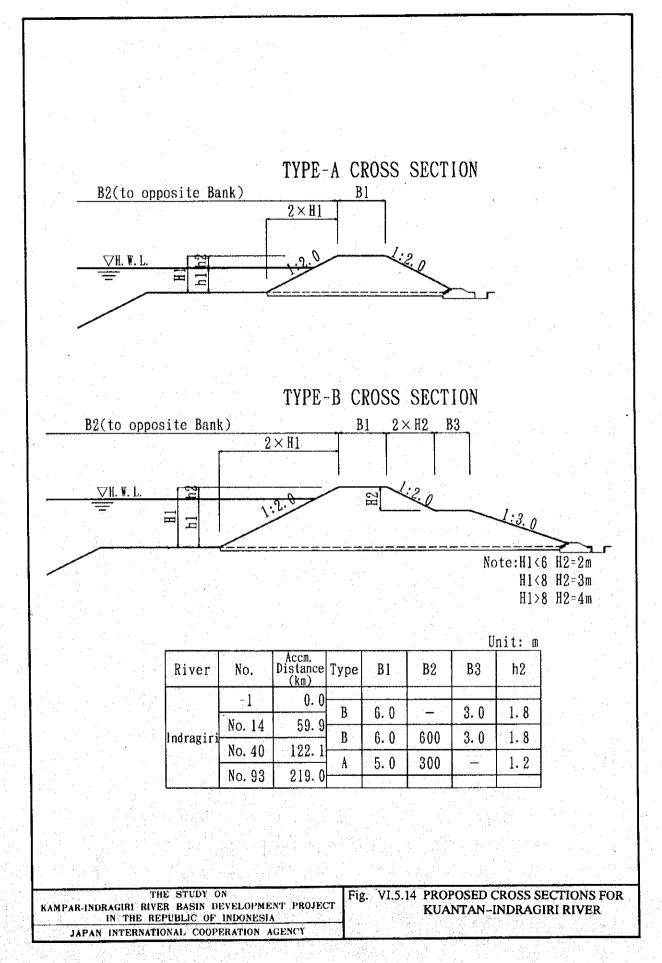
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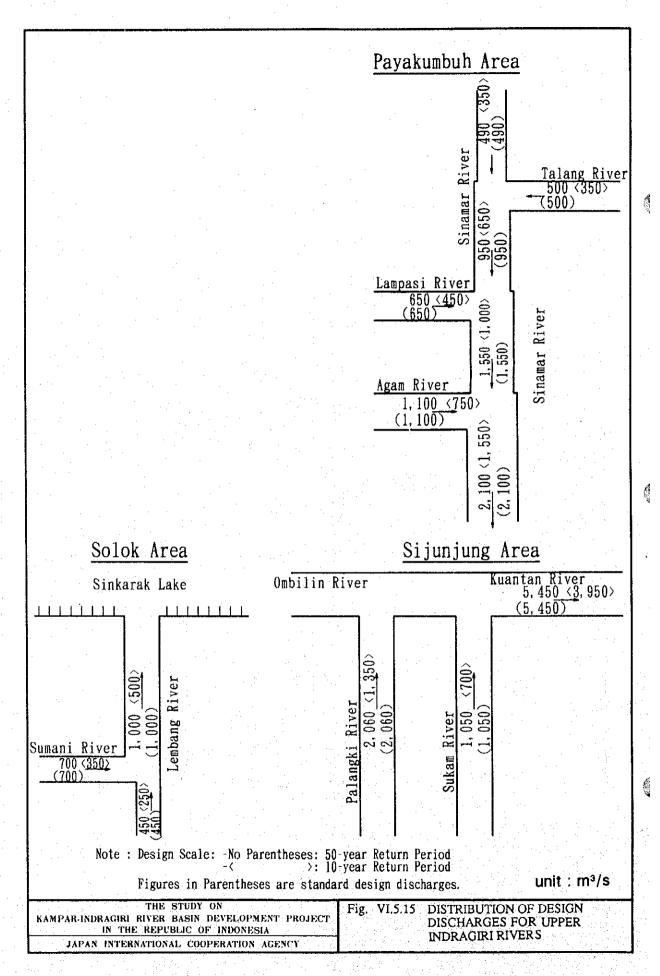
Fig. VI.5.11 DISTRIBUTION OF DESIGN DISCHARGES FOR KUANTAN-INDRAGIRI RIVER

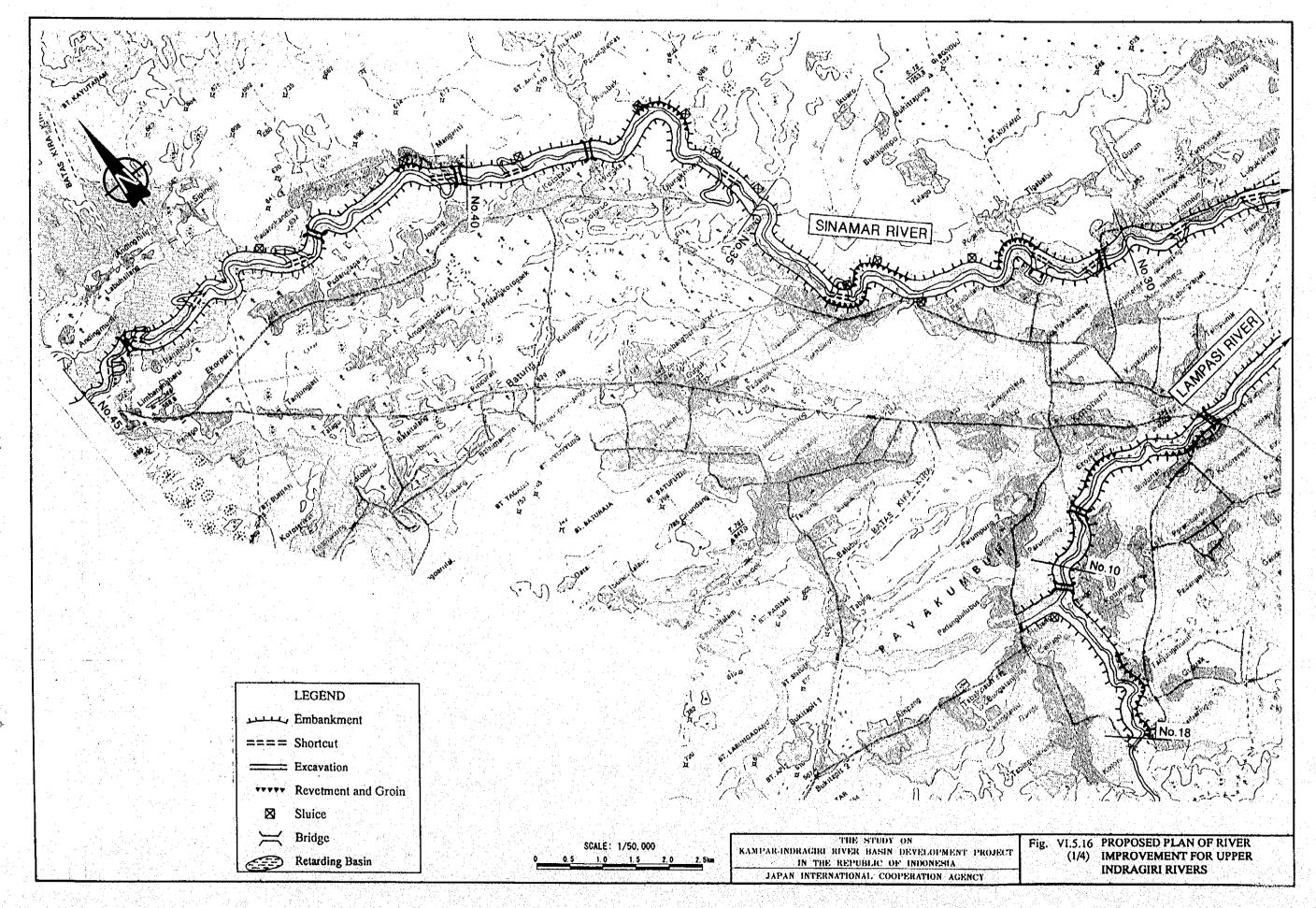


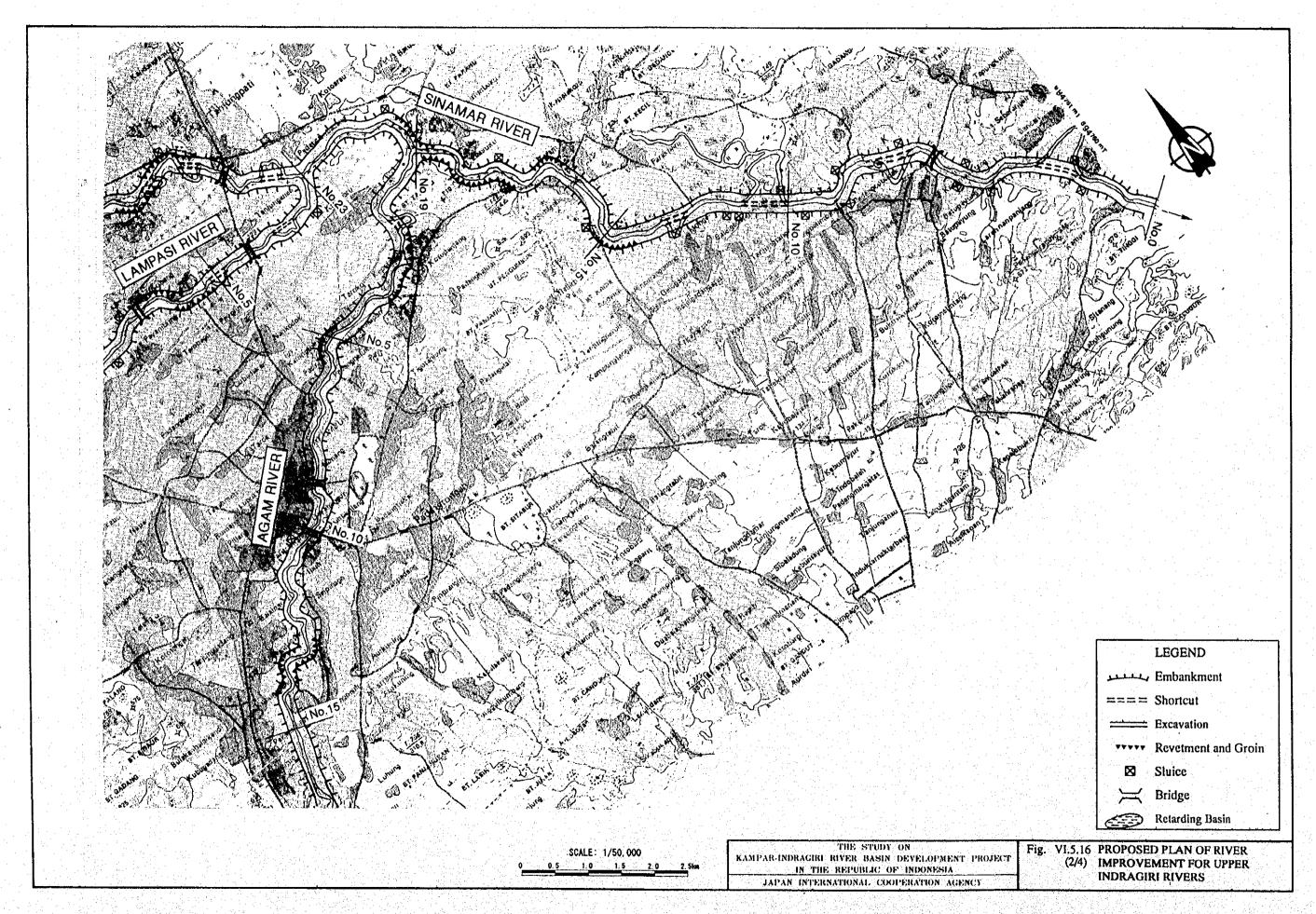


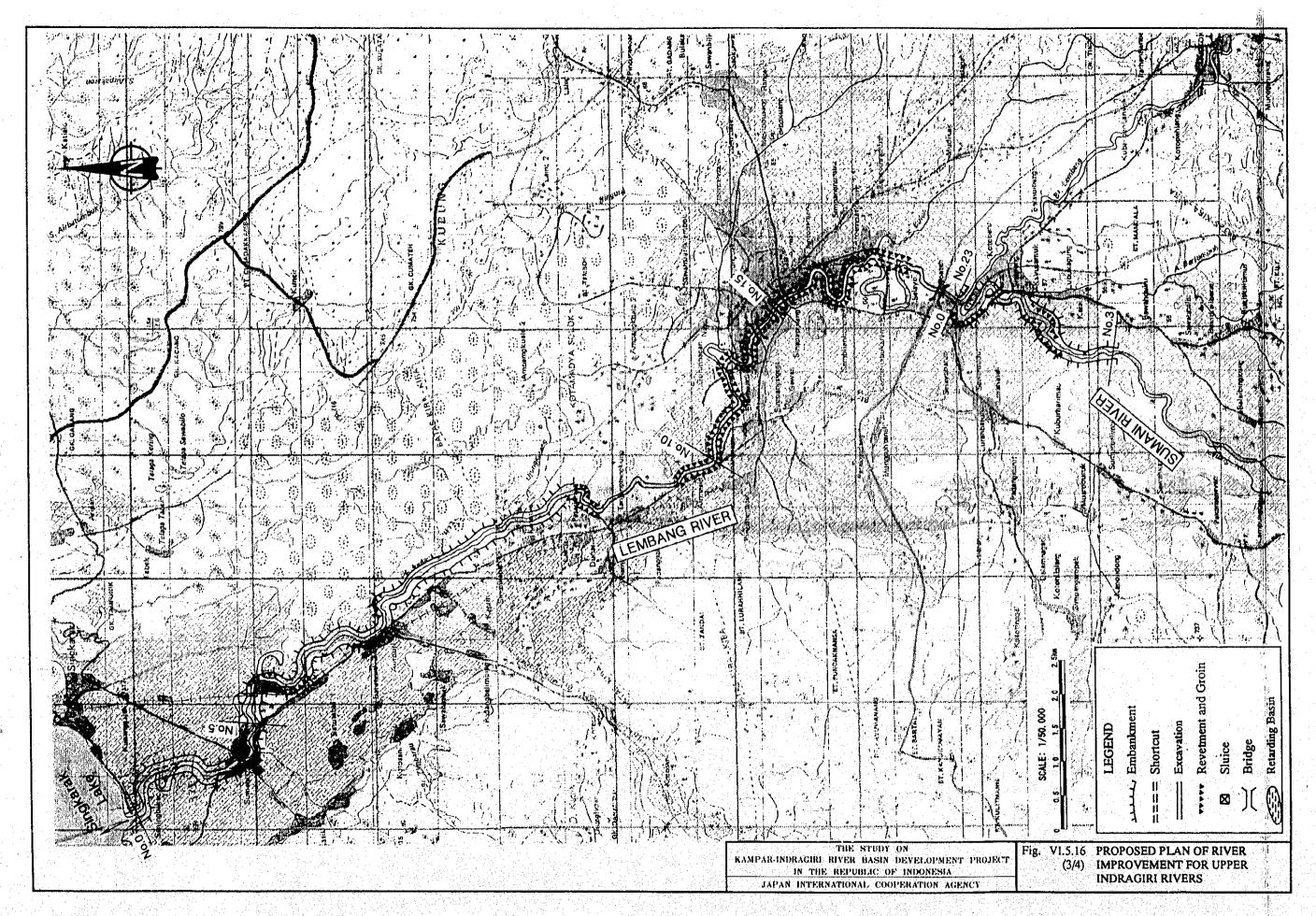




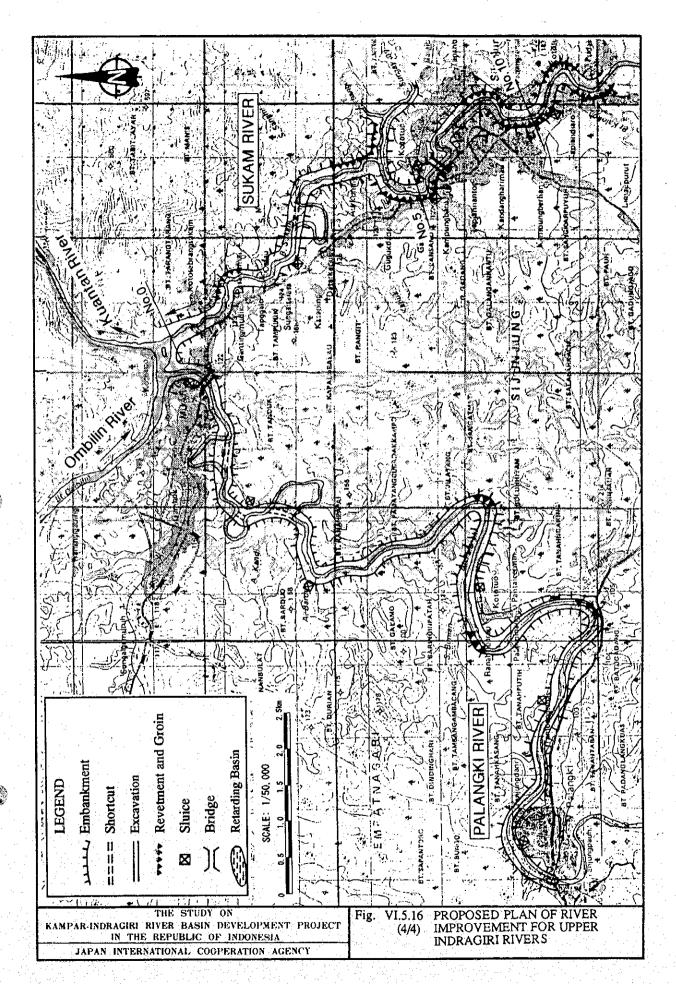


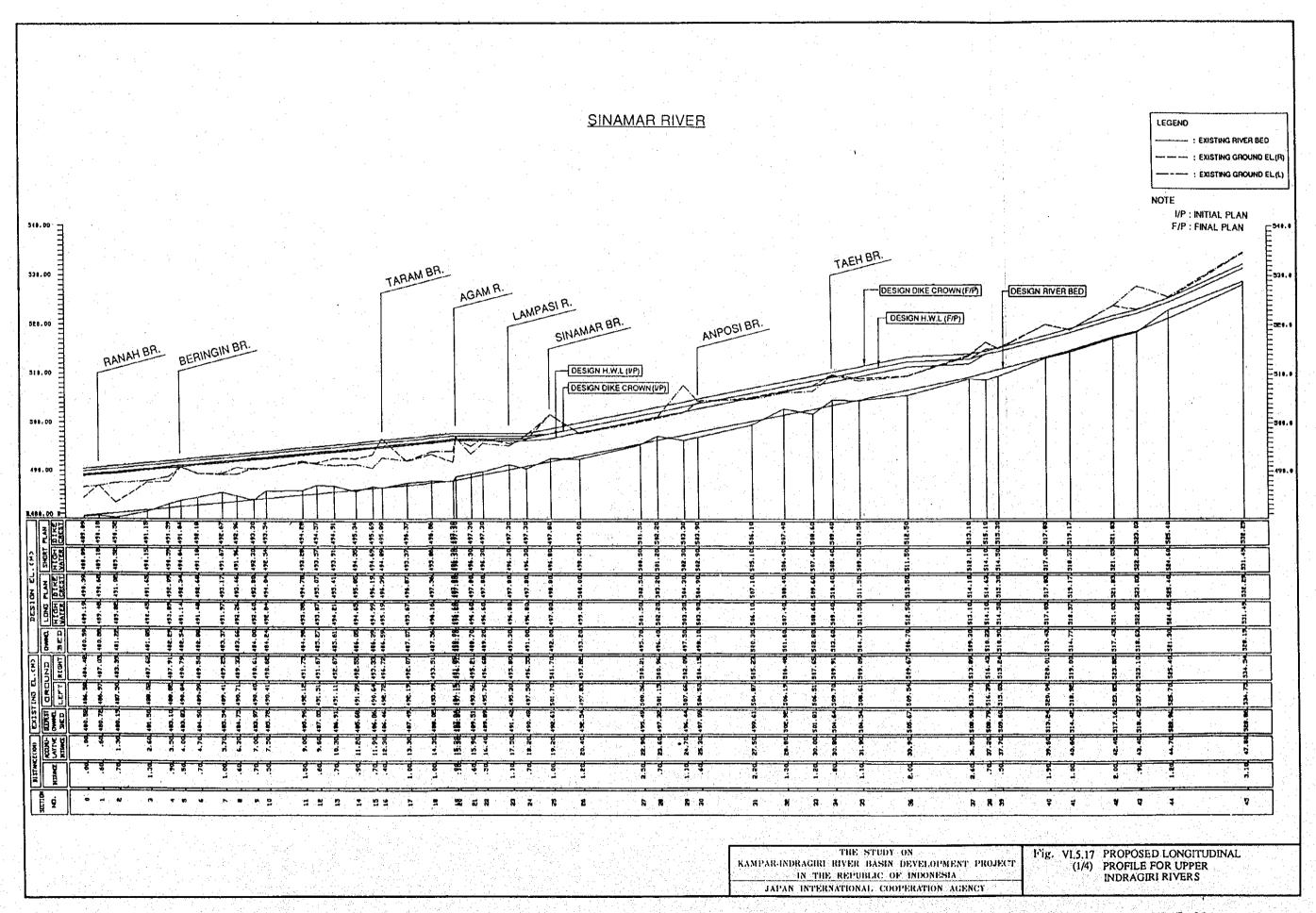


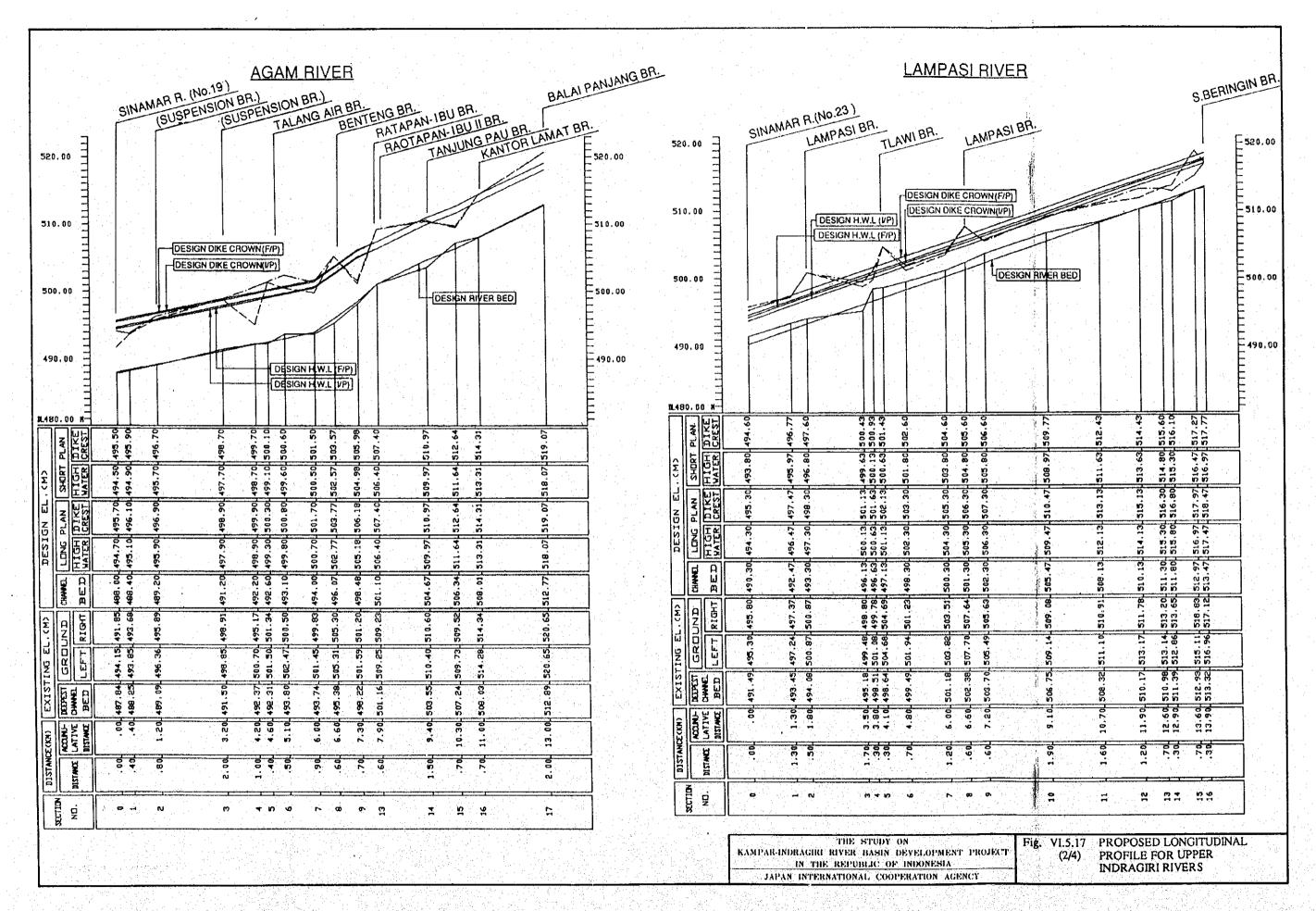


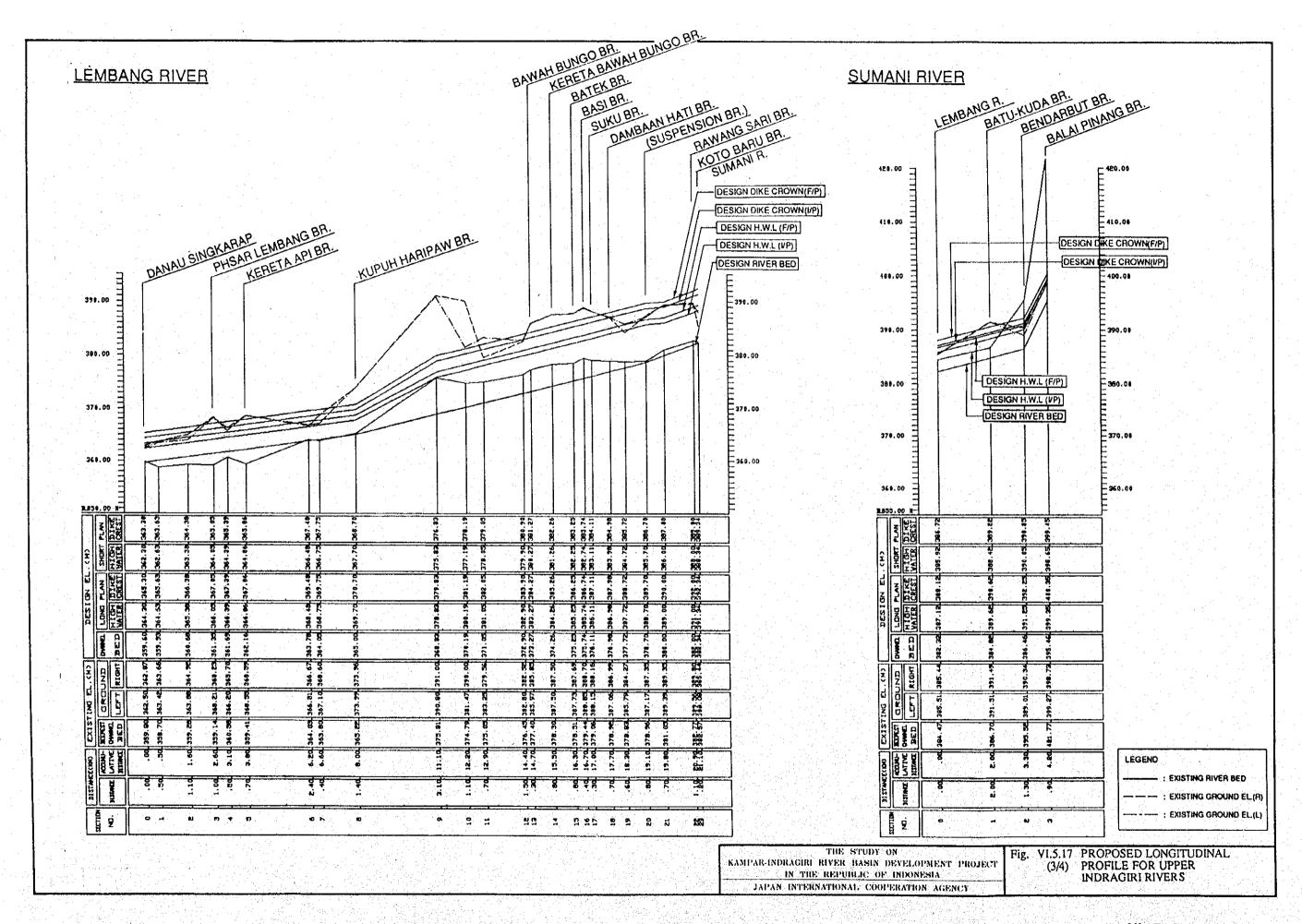


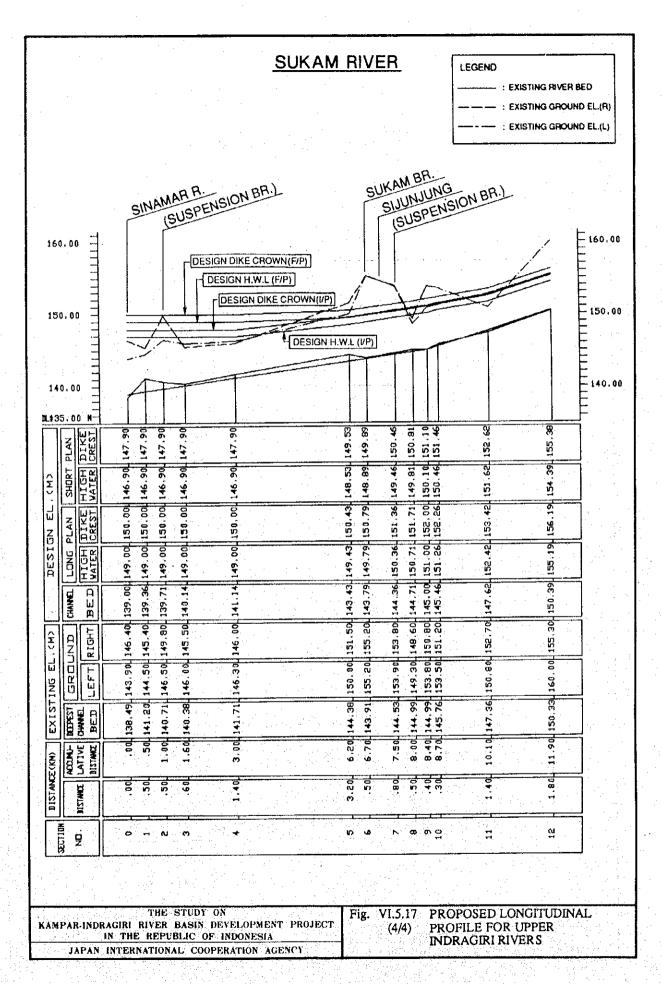
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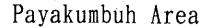




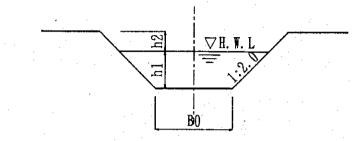




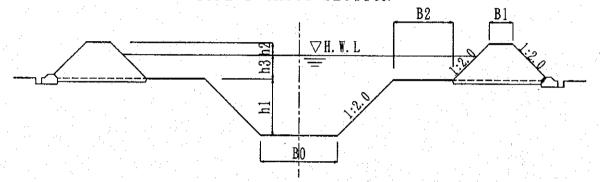




TYPE-A CROSS SECTION



TYPE-B CROSS SECTION



Unit: m Accm. Distance Type River No. B0 B1 B2 h2 hl h3 (km) Sinamar No. 0 0.0 В 80 4.0 10 6.0 1. 2 2.6 No. 19 15.2 В 70 5.5 4.0 10 1.0 1.3 No. 23 17.5 В 50 4.0 4.5 1.0 10 1.3 No. 37 36.5 50 3.6 0.8 No. 43 43.5 Ä 3.3 0.8 No. 45 47.8 No. 0 0.0 Agam 40 5.7 1.0 No. 10 7.5 A. 40 4.3 1.0 No. 17 13.3 No. 0 Lampasi 0.0 В 30. 4.0 10 3.5 1.0 1.5 14.6 No. 16

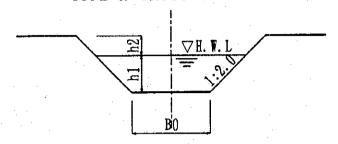
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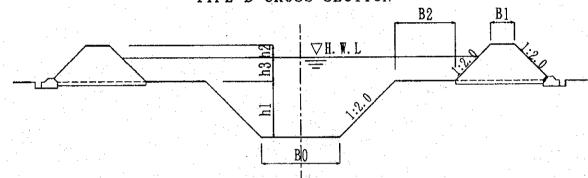
Fig. VI.5.18 PROPOSED CROSS SECTIONS FOR (1/3) UPPER INDRAGIRI RIVERS

## Solok Area

#### TYPE-A CROSS SECTION



#### TYPE-B CROSS SECTION



Unit: m

River	No.	Accm. Distance (km)	Type	В0	B1	В2	hl	h2	h3
Lembang	No. 0	0.0						ļ	
Dombang	····		В	70	4.0	10	4.5	1.0	1.2
	No. 8	8.0	1	20			7 7	1.0	_
	No. 23	22. 2	Λ.	20			1 1	1.0	
Sumani	No. 0	0.0							
DUMANT	110. 0	0.0	l A	25	4.0	10	3.5	1.0	1.3
	No. 3	4. 2			4.0				

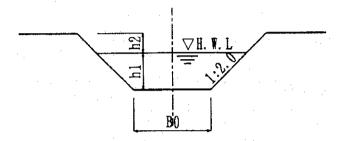
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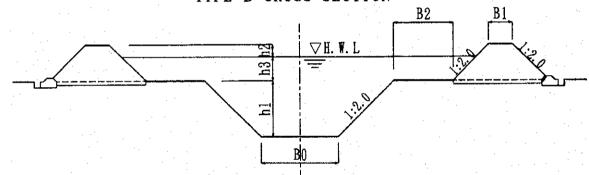
Fig. VI.5.18 PROPOSED CROSS SECTIONS FOR (2/3) UPPER INDRAGIRI RIVERS

# Sijunjung Area

#### TYPE-A CROSS SECTION



## TYPE-B CROSS SECTION



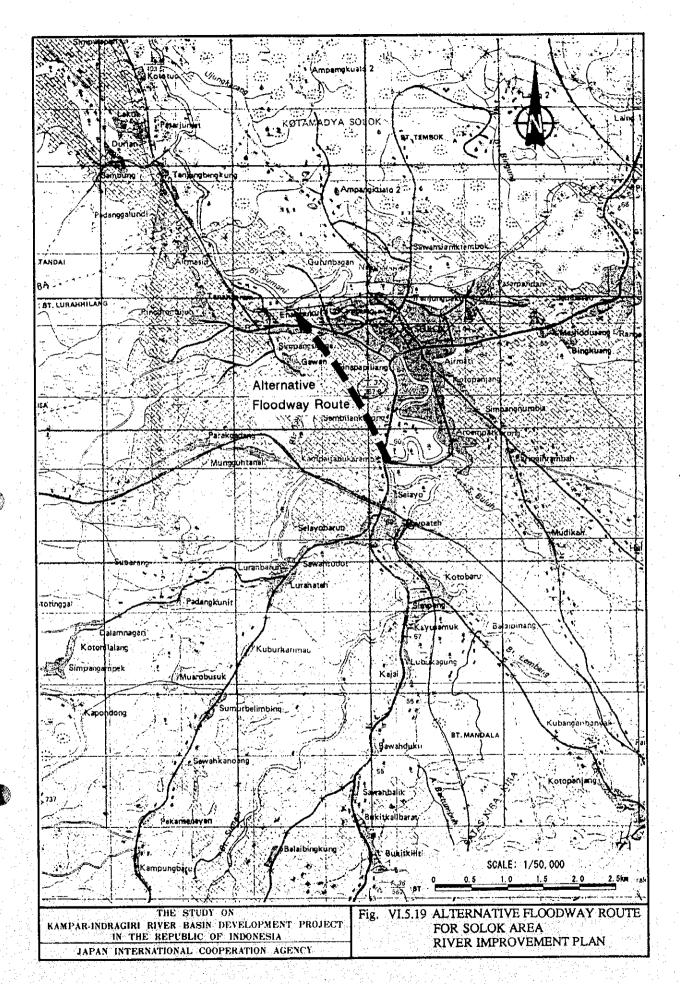
									U,	11 L . III
	River	No.	Accm. Distance (km)	Type	В0	B1	B2	h1	h2	h3
	Sukam	No. 0	0.0	В	60	4.0	10	3. 0	1 0	1.8
1		No. 9	8.4	ט	00	4. U	10	3. 0	1.0	1.0
			8.4	В	:40	4.0	10	4.5	1.0	2. 5
		No. 12	11.9							
ī	alangki	No. 0	0.0							
ľ	arangki	NO. U	0.0	В	90	4.0	10	5.5	1. 2	2. 1
		No. 18	18. 0	D	30	4.0	10	J. J	1. 2	2. 1

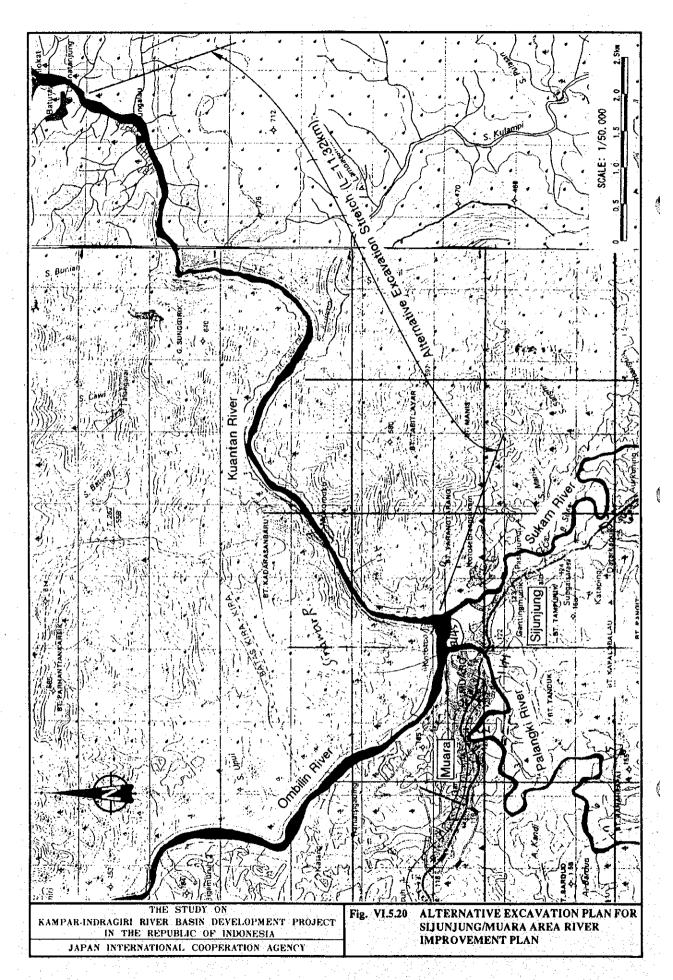
THE STUDY ON

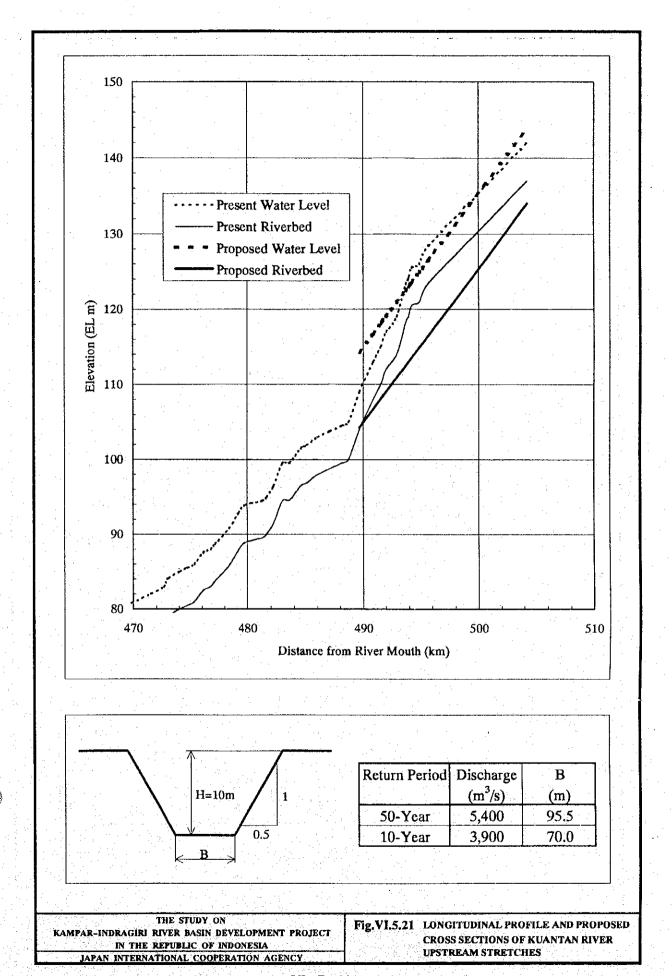
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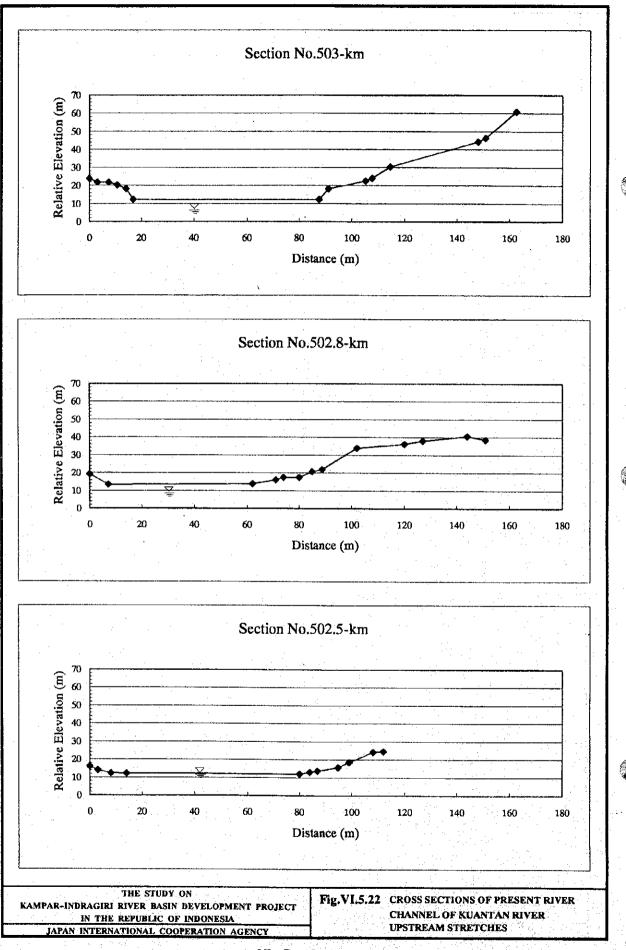
JAPAN INTERNATIONAL COOPERATION AGENCY

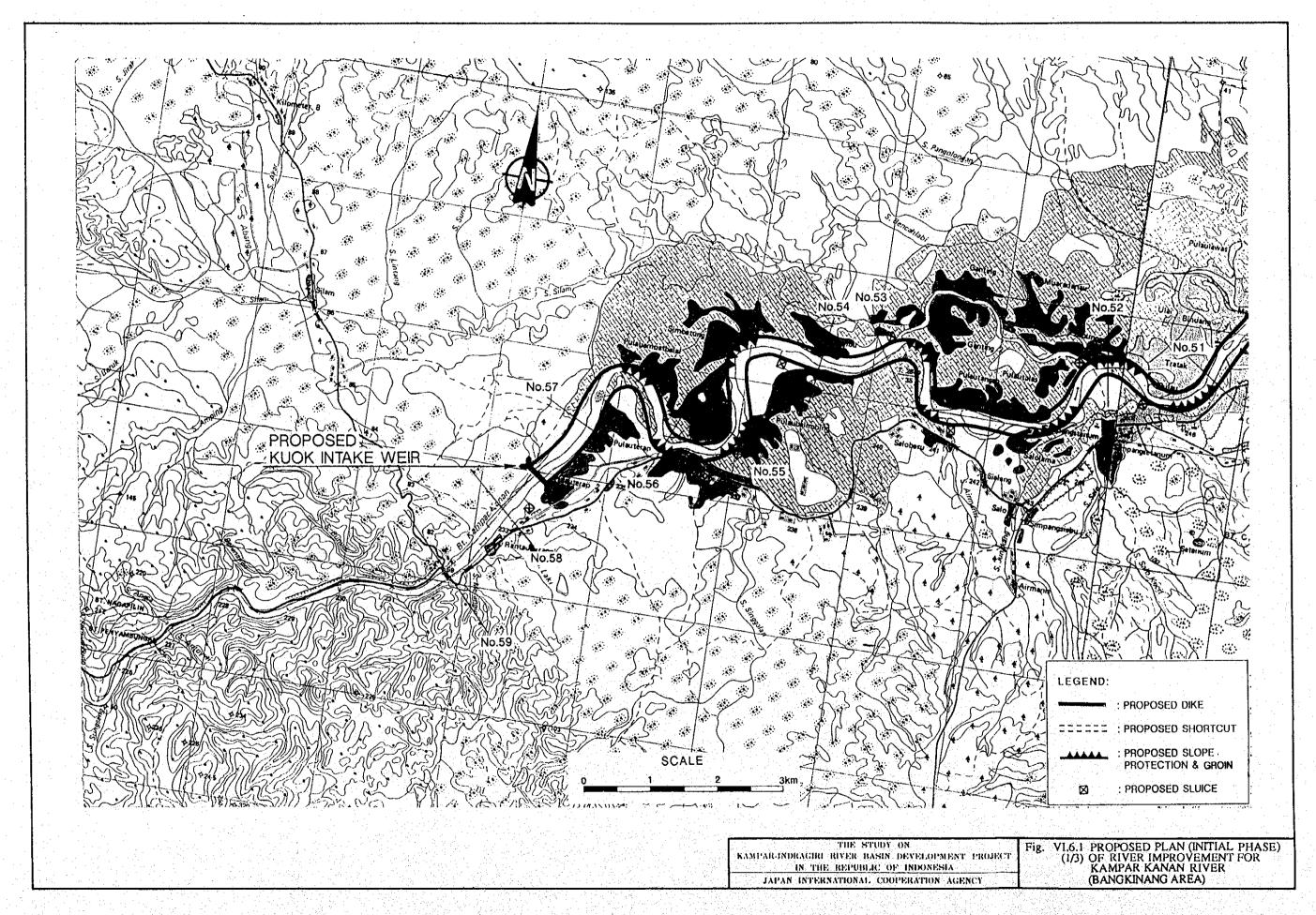
VI.5.18 PROPOSED CROSS SECTIONS FOR (3/3) UPPER INDRAGIRI RIVERS

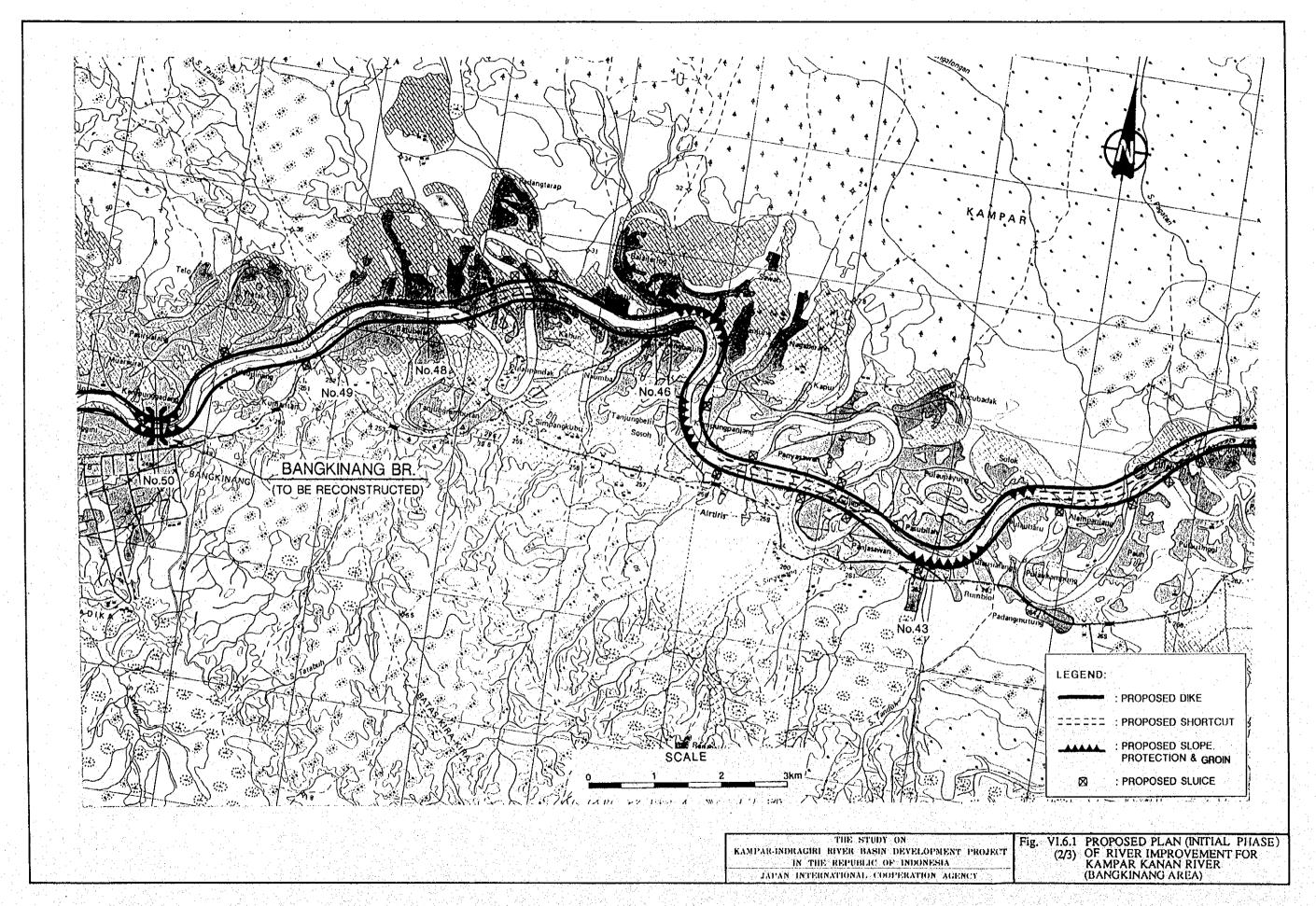


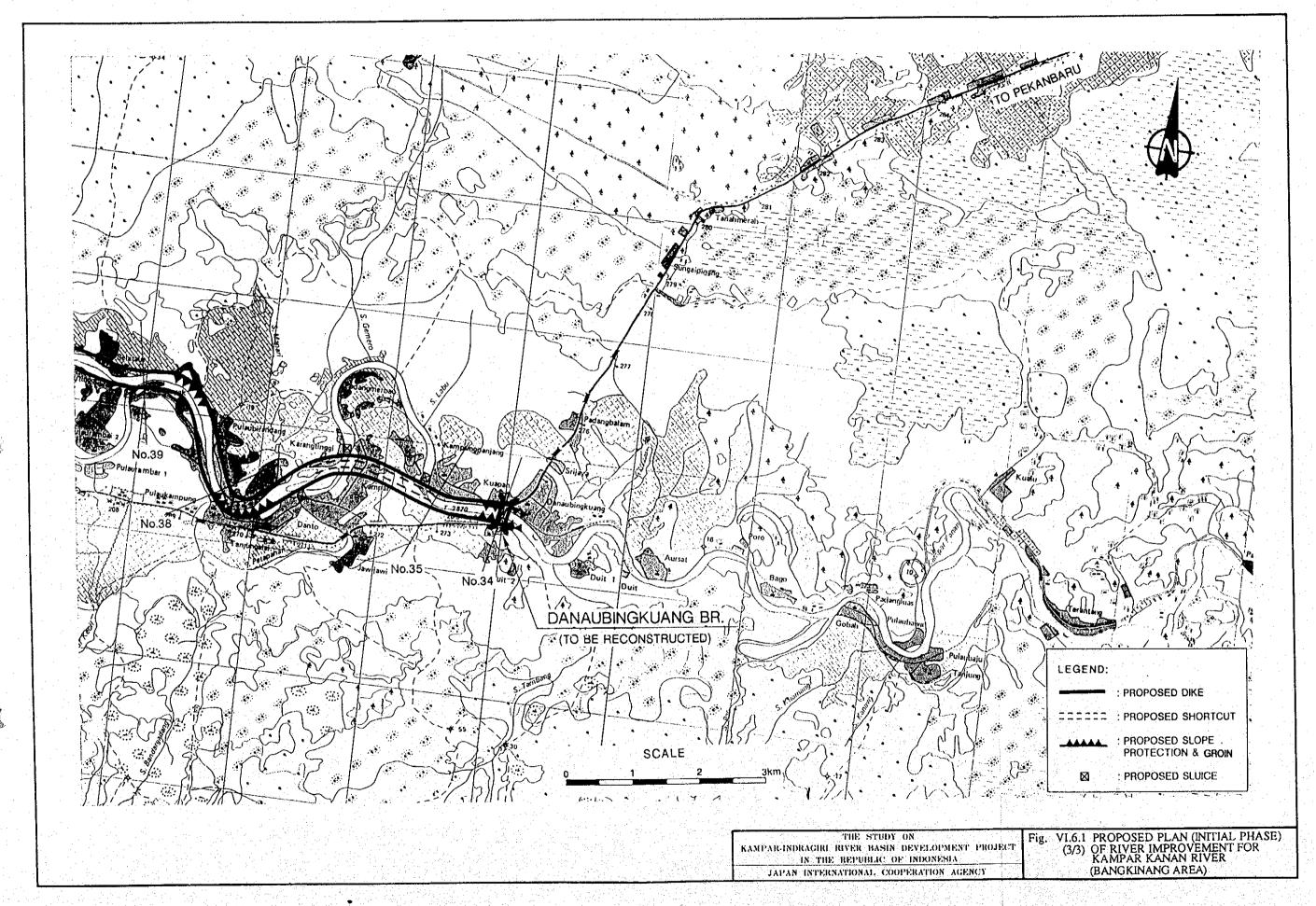


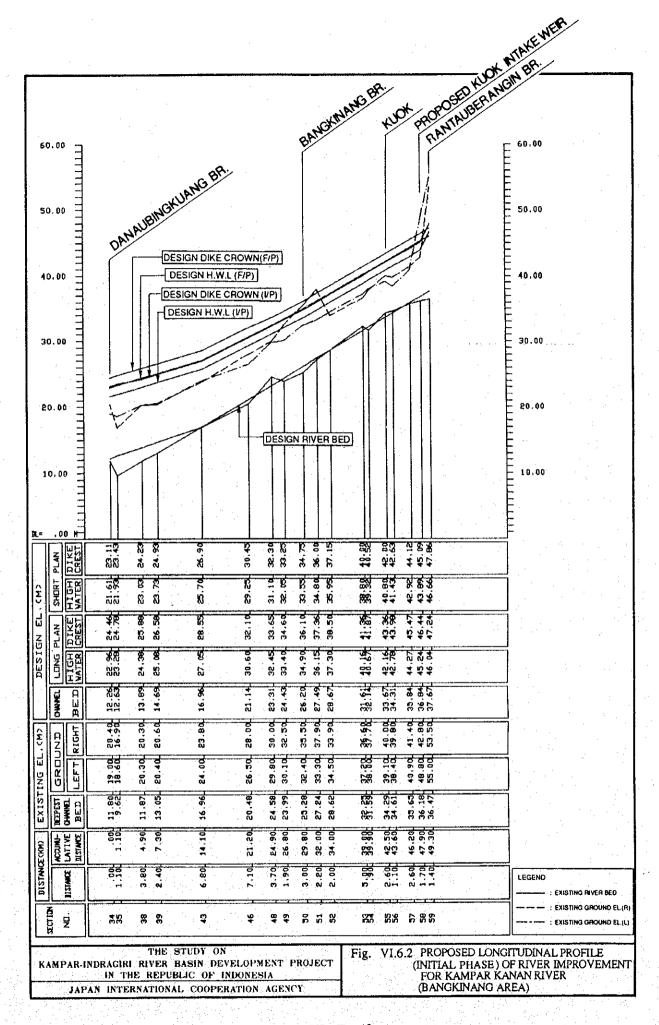


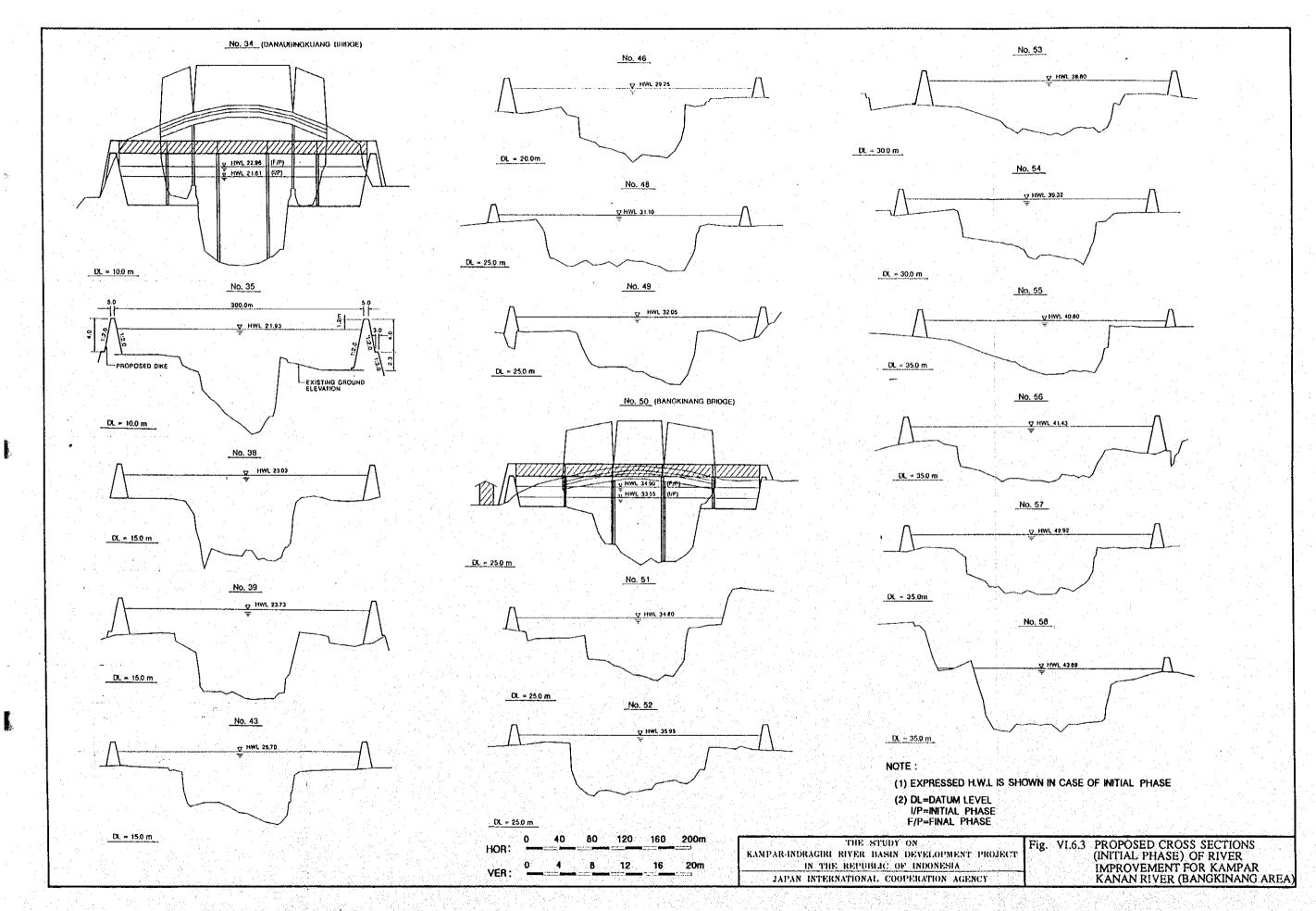


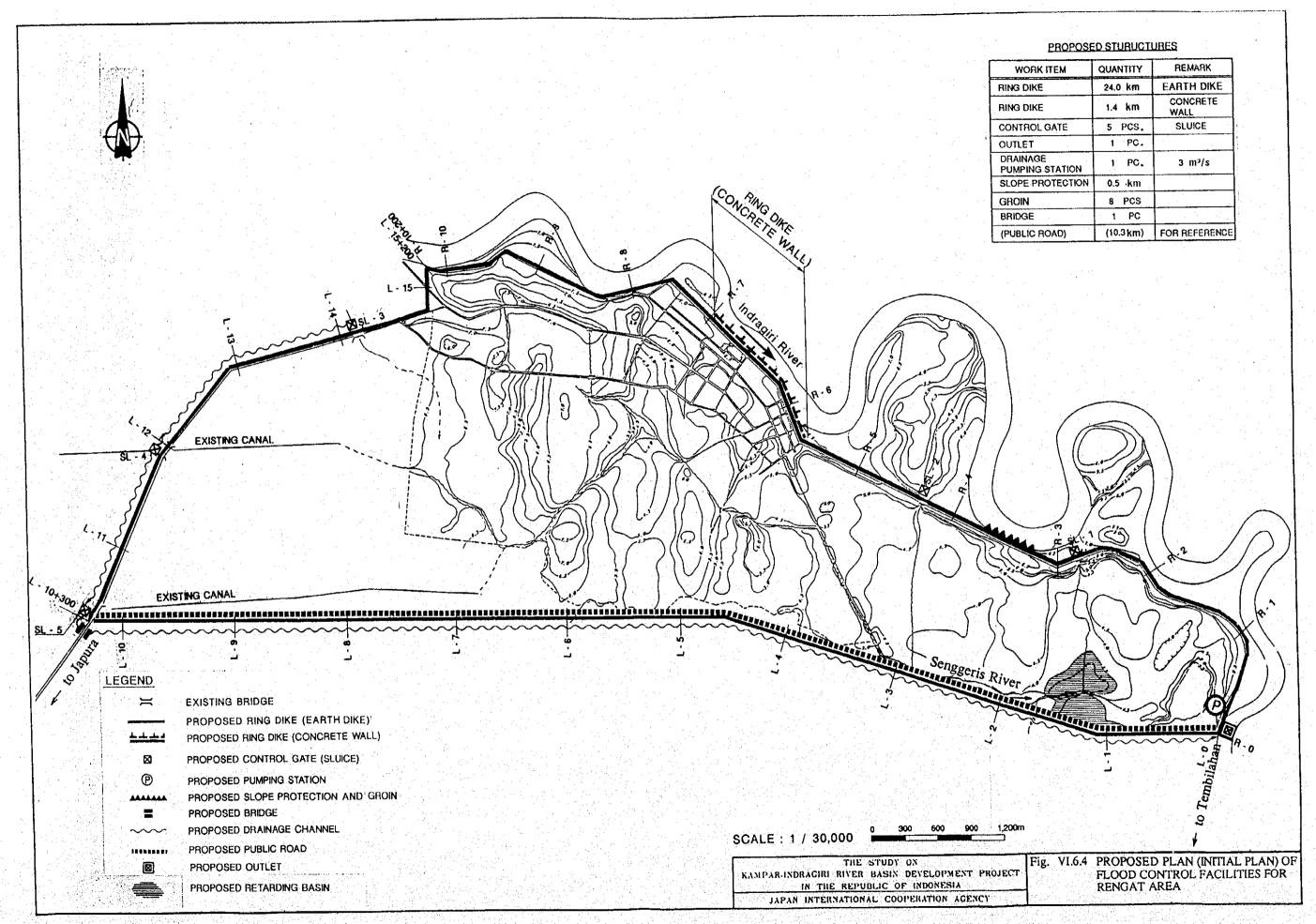


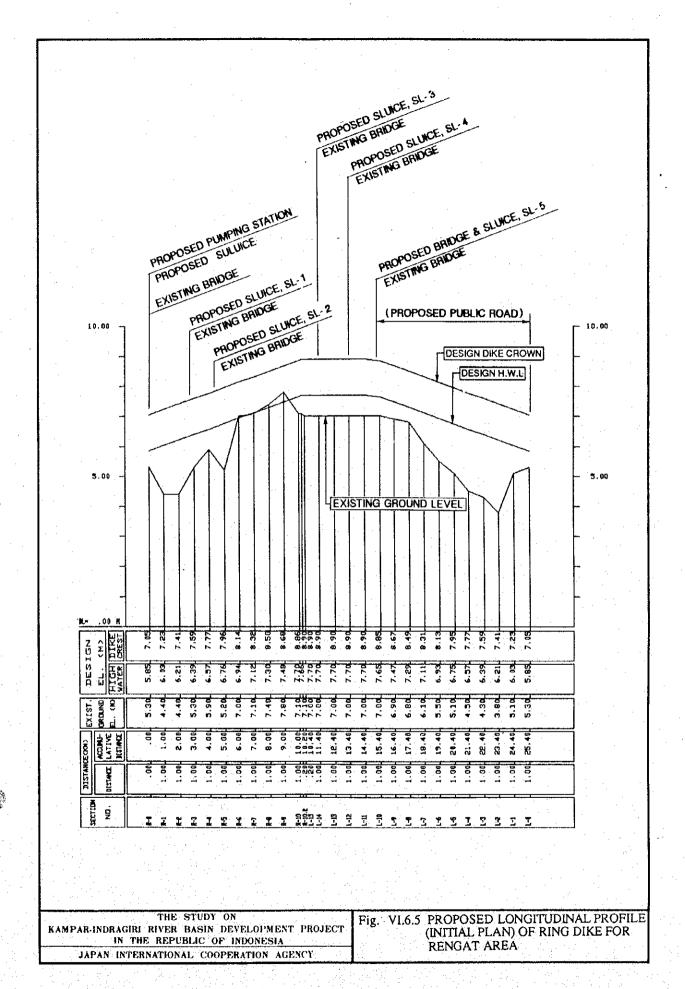


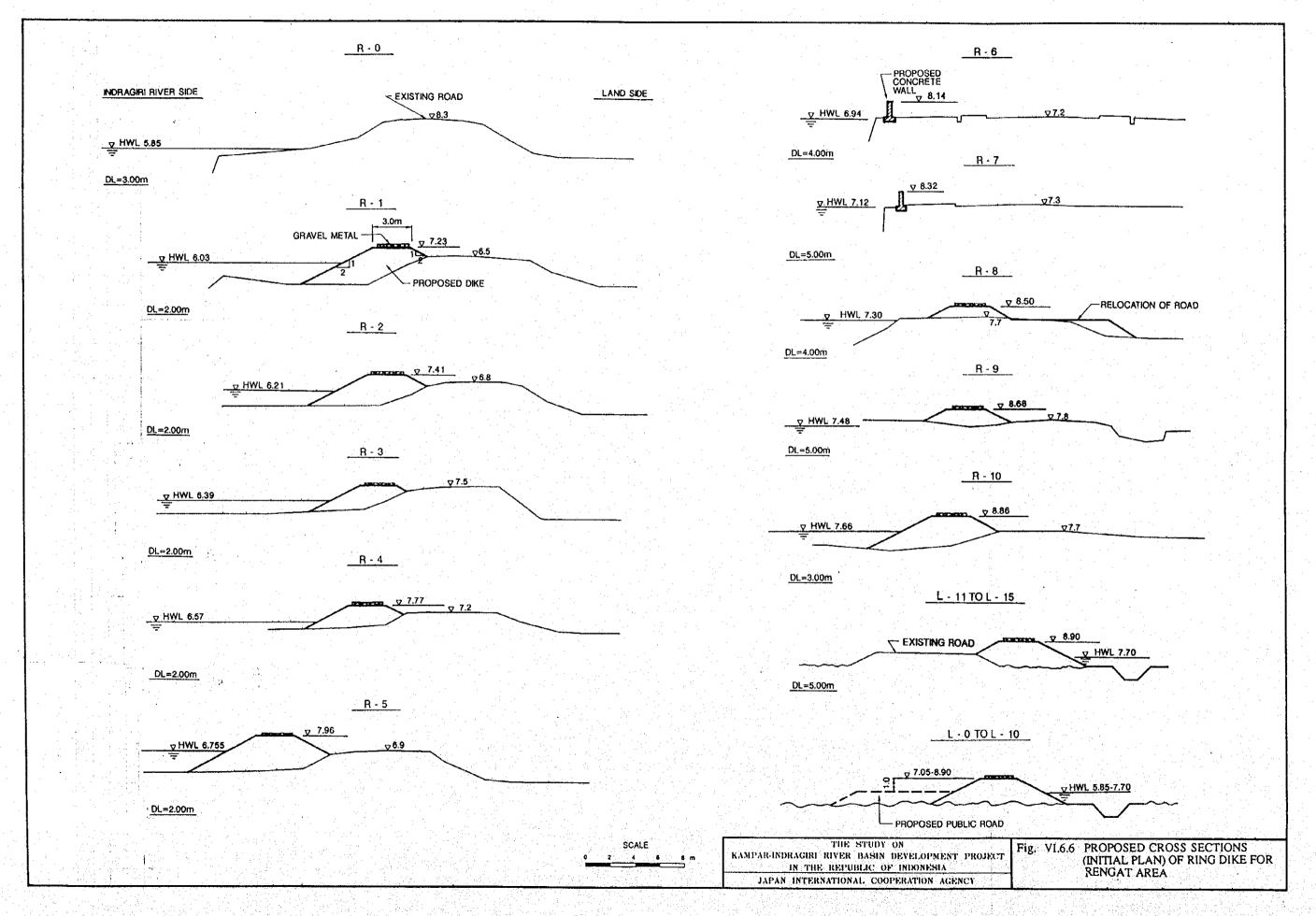




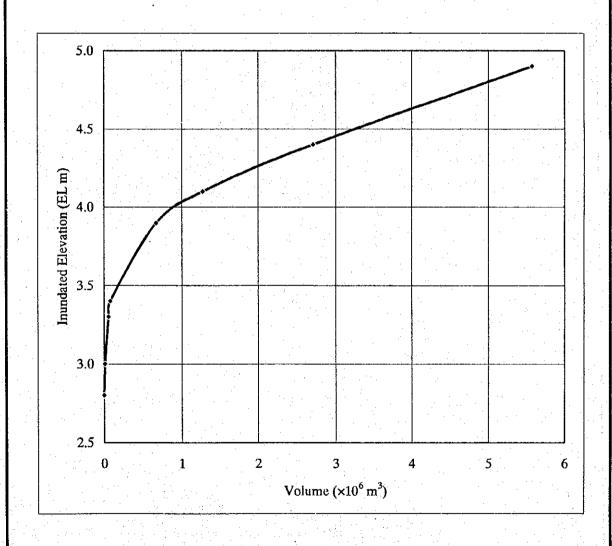






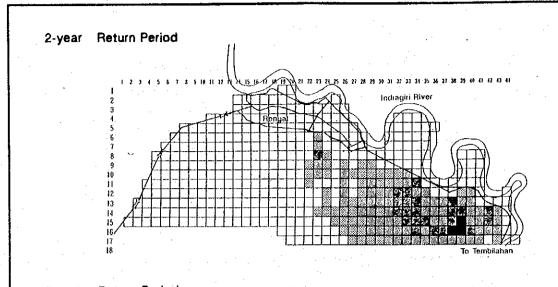


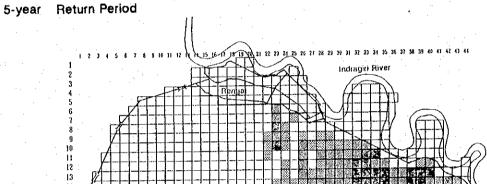
Inundated Elevation	Volume
(EL m)	$(\times 10^6 \text{ m}^3)$
2.8	0.000
3.0	0.013
3.3	0.059
3.4	0.081
3.9	0.675
4.1	1.275
4.4	2.709
4.9	5.572

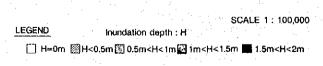


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Fig.VI.6.7 INUNDATION ELEVATION-VOLUME CURVE FOR RENGAT INTERIOR DRAINAGE AREA

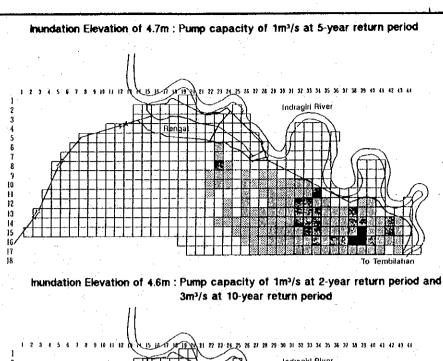


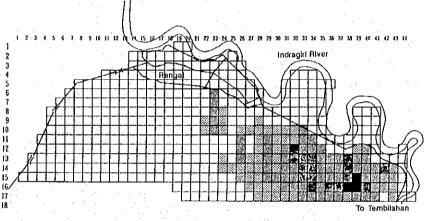




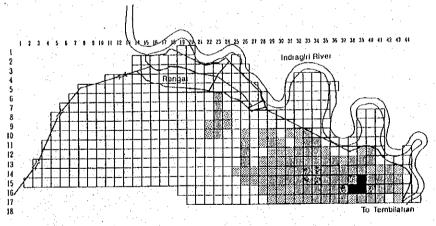
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Fig. VI.6.8 INUNDATION DEPTH FOR EACH RETURN PERIOD





inundation Elevation of 4.5m; Pump capacity of 3m³/s at 5-year return period and 5m³/s at 5 and 10year return periods



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Fig. VI.6.9 INUNDATION DEPTH FOR (1/3) DIFFERENT PUMP CAPACITY AT EACH RETURN PERIOD