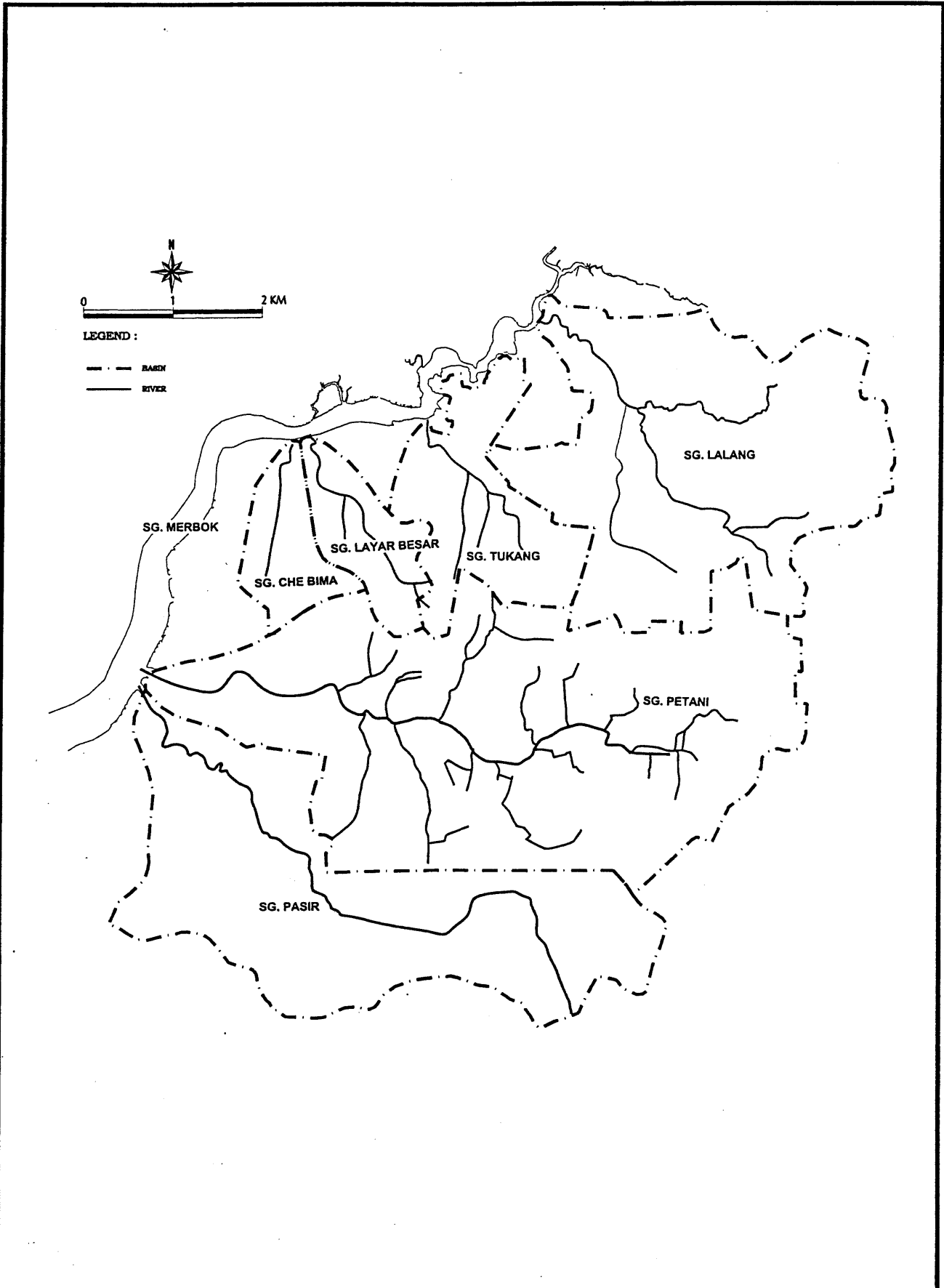
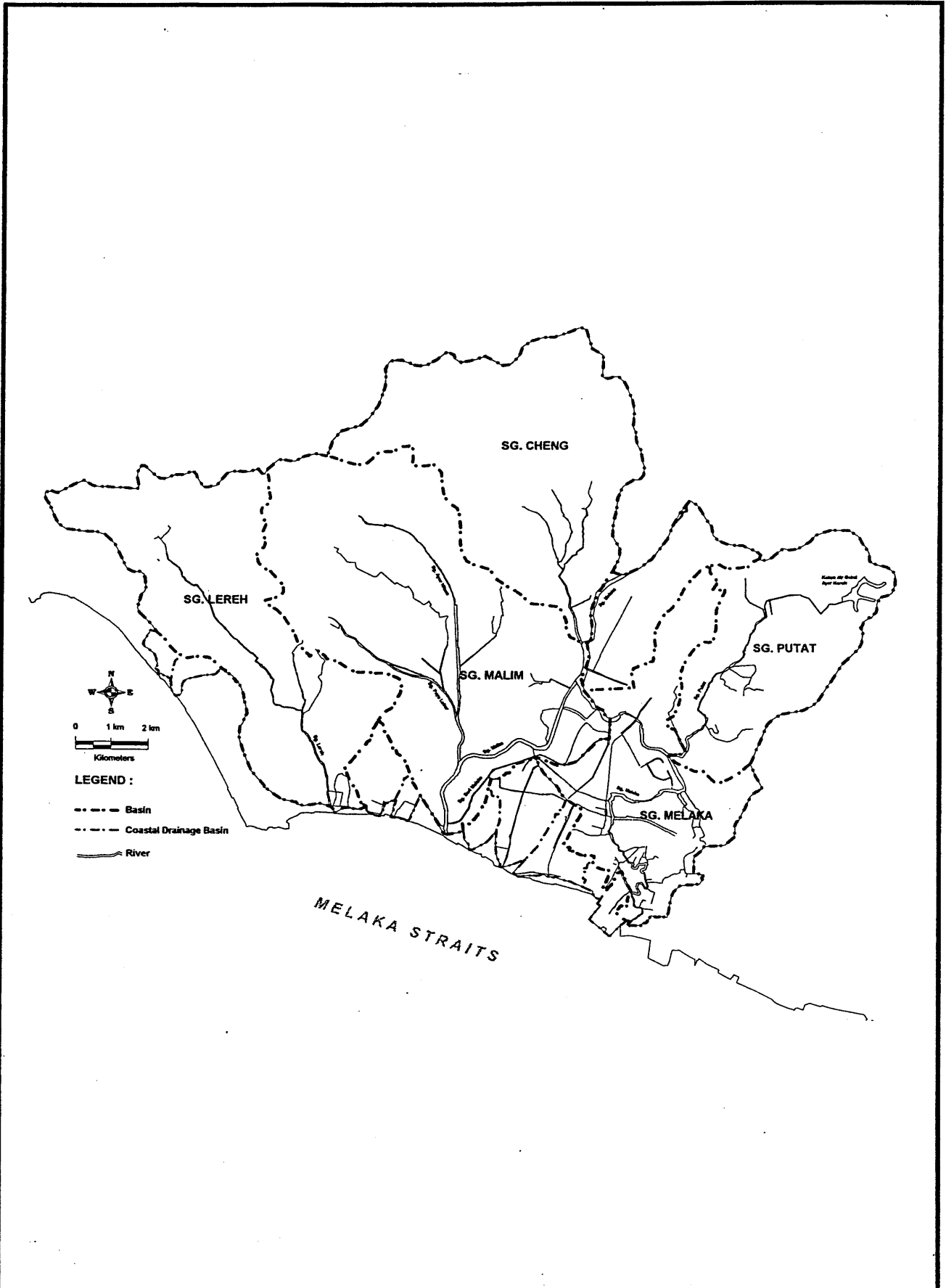


FIGURES



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Fig. IV-1(1/2)
 Study Area and Major River System
 (Sg. Petani)

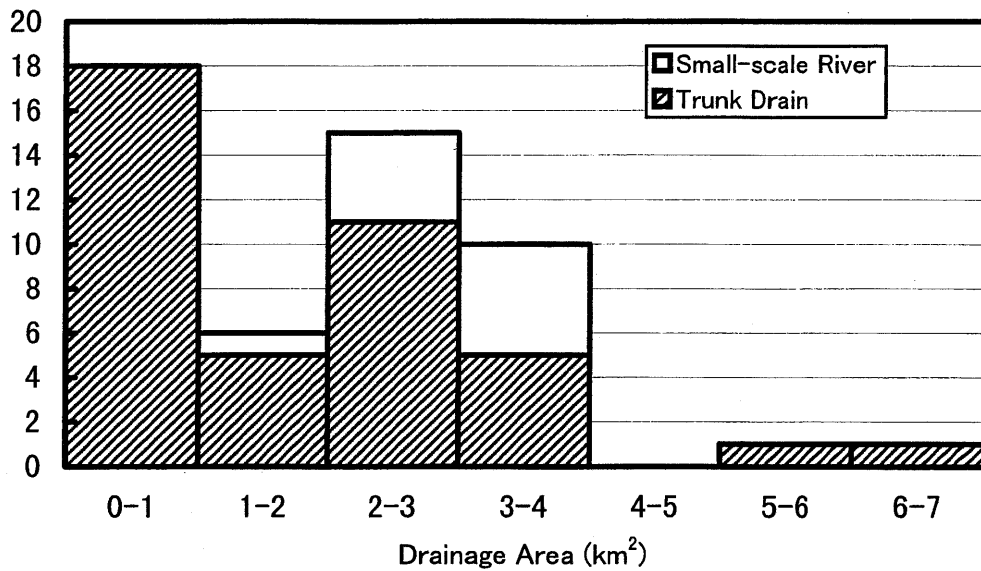


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Fig. IV-1(2/2)
 Study Area and Major River System
 (Melaka)

Number of Basins

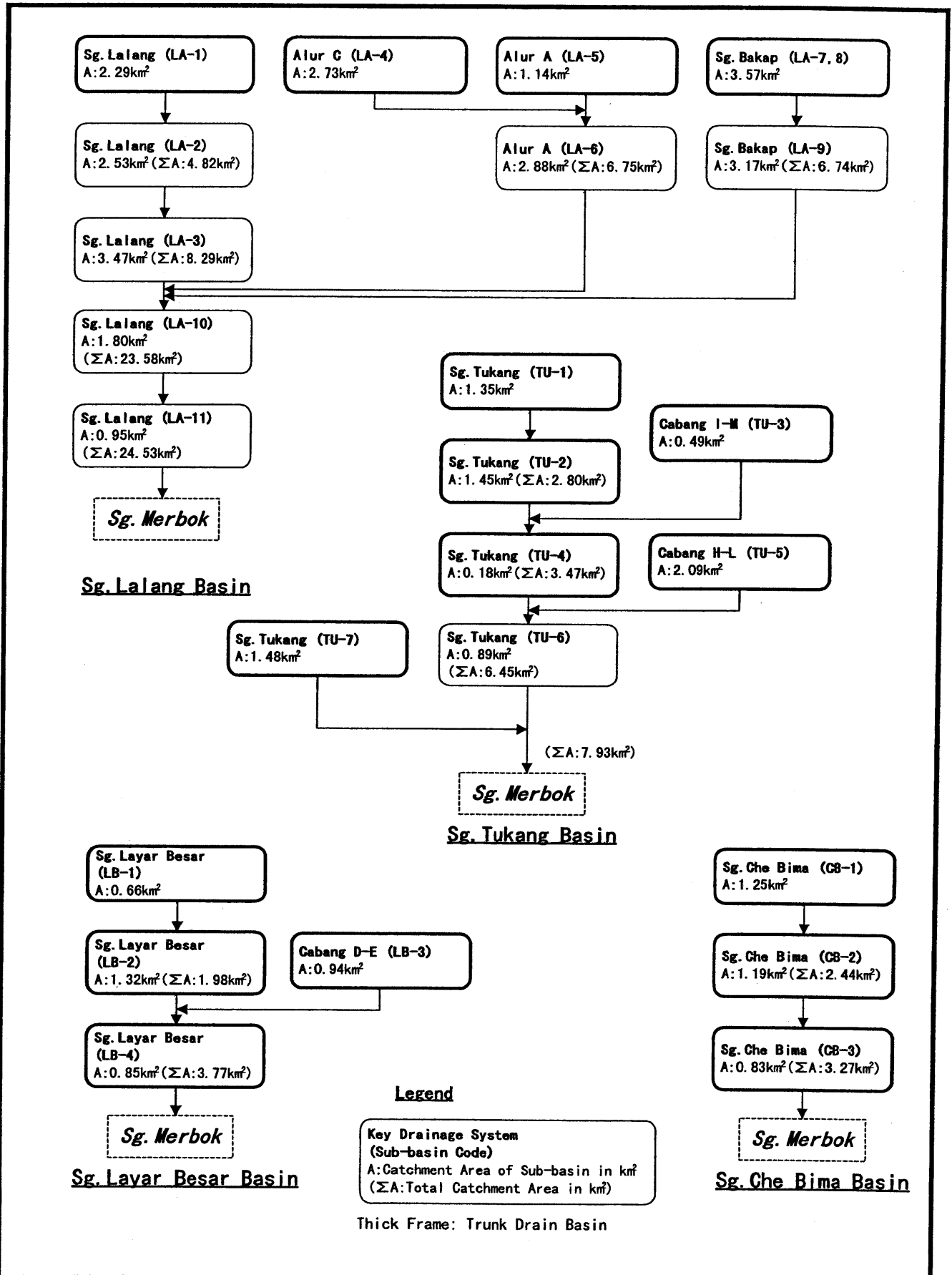
Extent of Drainage Basin

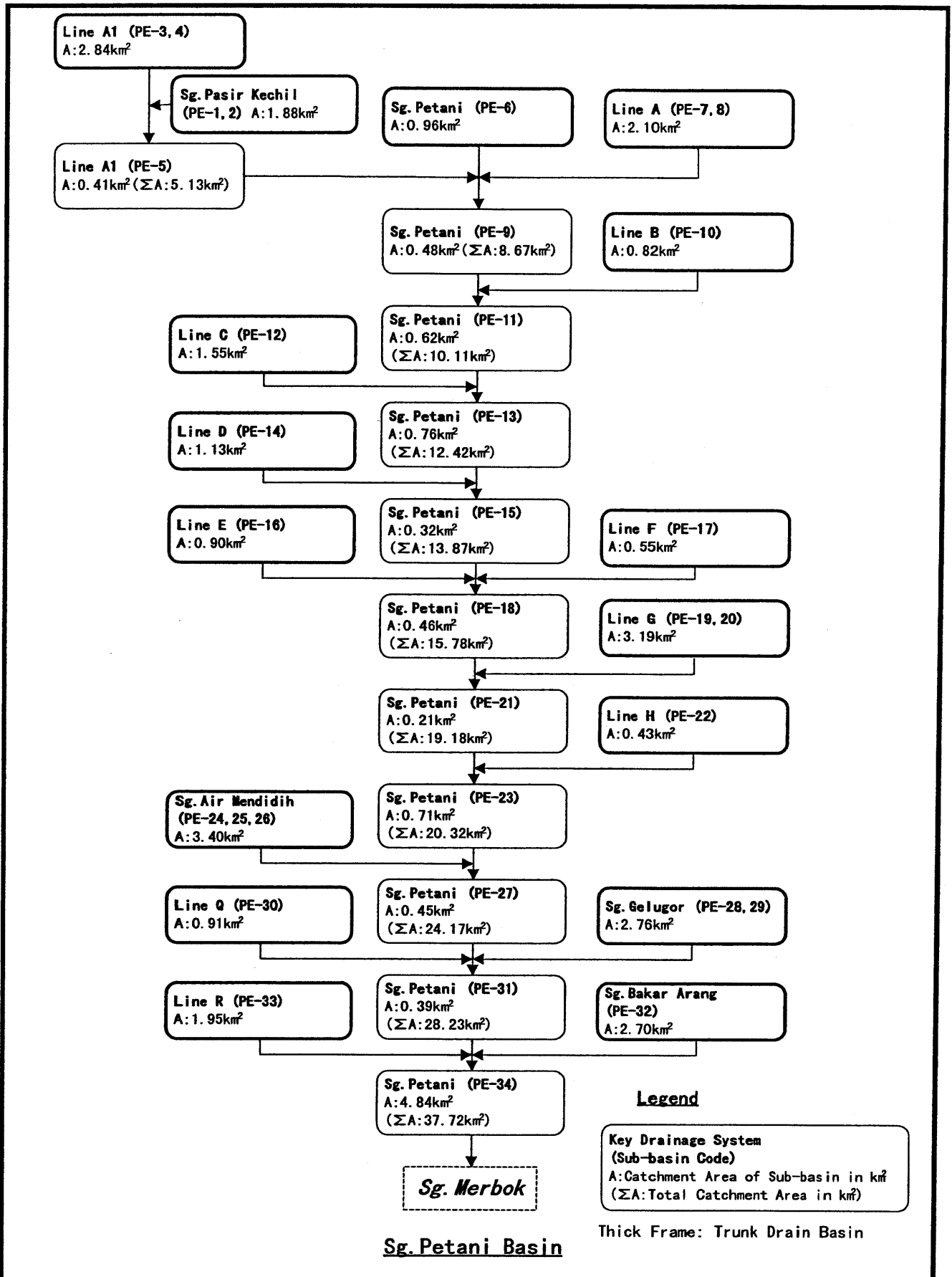


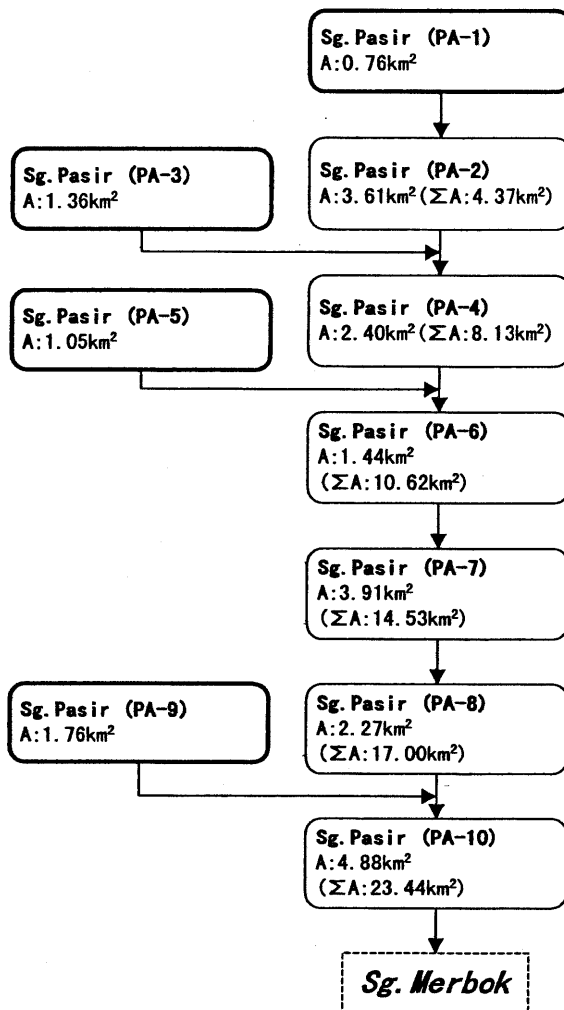
Basin Name	Drainage Area (km ²)	Basin Name	Drainage Area (km ²)
Trunk Drains in Sg. Petani		Trunk Drains in Melaka	
Line A1	5.13	Taman Murdeka	3.61
Line A	2.10	Melaka Town 1	3.89
Line B	0.82	Melaka Town 2	0.86
Line C	1.55	Melaka Town 3	2.40
Line D	1.13	Melaka Town 4	0.45
Line E	0.90	Melaka Town 5	2.25
Line F	0.55	Melaka Town 6	1.43
Line G	3.19	Melaka Town 7	0.52
Line H	0.43	Melaka Town 8	0.33
Line N	2.32	Melaka Town 9	0.43
Line L	1.46	Melaka Town 10	1.00
Line Q	0.91	Coastal Drain 1	0.97
Line R	1.95	Coastal Drain 2	0.44
Alur A	6.75	Coastal Drain 3	2.14
Alur C	2.73	Coastal Drain 4	3.71
Cabang I-M	0.49	Coastal Drain 5	0.87
Cabang H-L	2.09	Coastal Drain 6	0.56
Cabang D-E	0.94	Coastal Drain 7	2.45
Small-scale Rivers in Sg. Petani		Coastal Drain 8	0.77
Sg. Pasir Kechil	1.88	Pt. Cheng Besar	2.24
Sg. Air Mendidih	3.40	Pt. Cheng Kecil	2.10
Sg. Gelugor	2.76	Pt. ABI	3.15
Sg. Bakar Arang	2.70	Pt. Setulang Dain	2.76
Sg. Che Bima	3.27	Small-scale Rivers in Melaka	
Sg. Layar Besar	3.77	Sg. Solok Bangsal	2.69
		Sg. Ayer Saga	2.04
		Sg. Ayer Manggis	3.73
		Sg. Bt. Bruang	3.36

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Fig. IV-2
Histogram on Extent of Drainage Basin





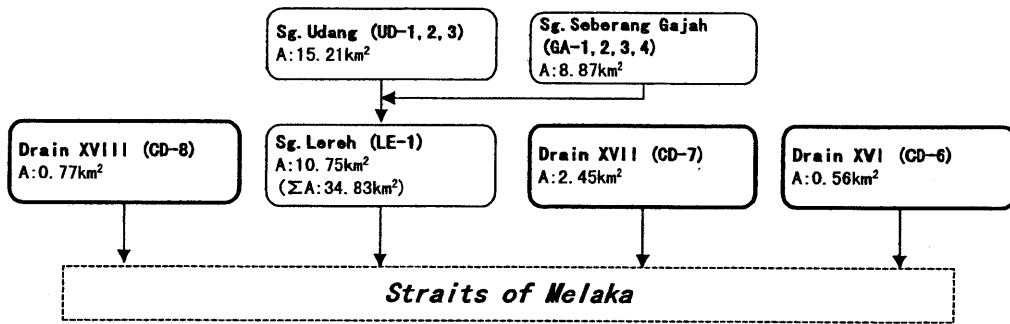


Sg. Pasir Basin

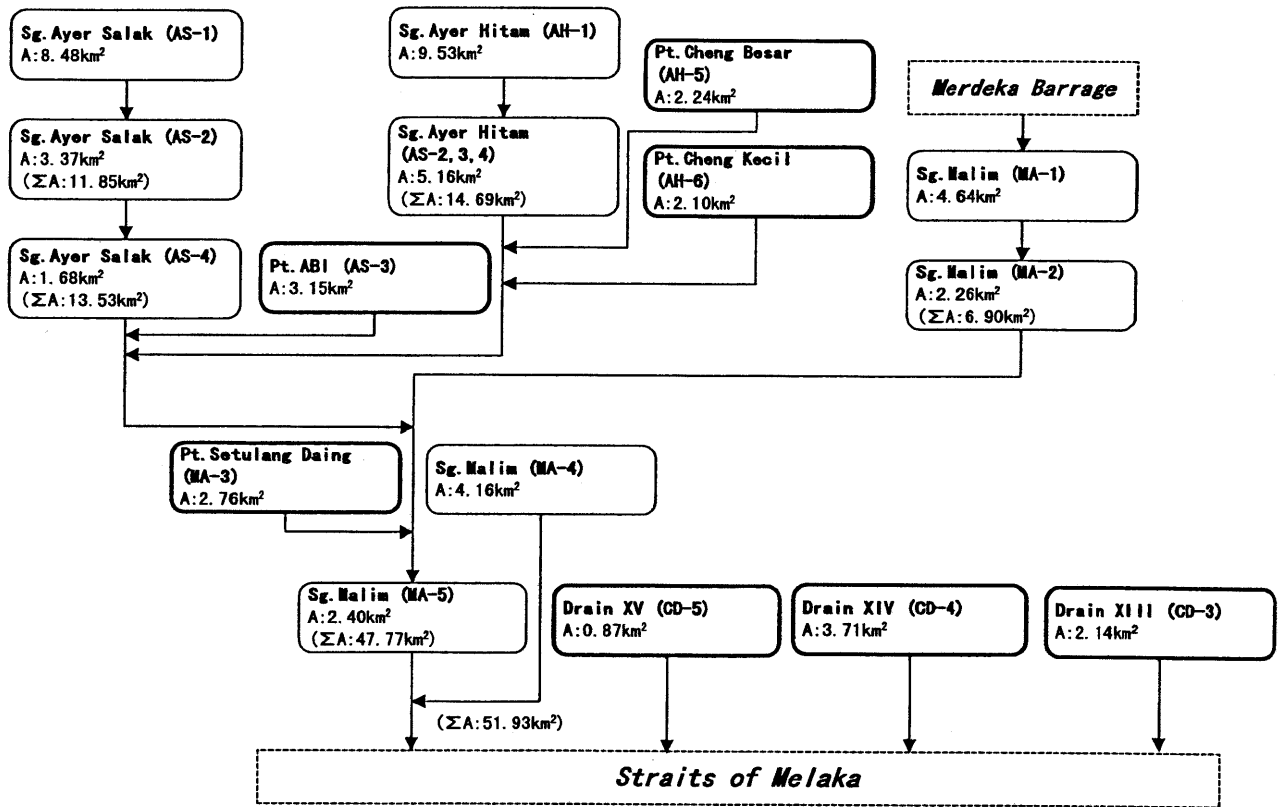
Legend

Key Drainage System
(Sub-basin Code)
A: Catchment Area of Sub-basin in km²
(ΣA: Total Catchment Area in km²)

Thick Frame: Trunk Drain Basin



Sg. Lereh Basin and Individual Coastal Drains

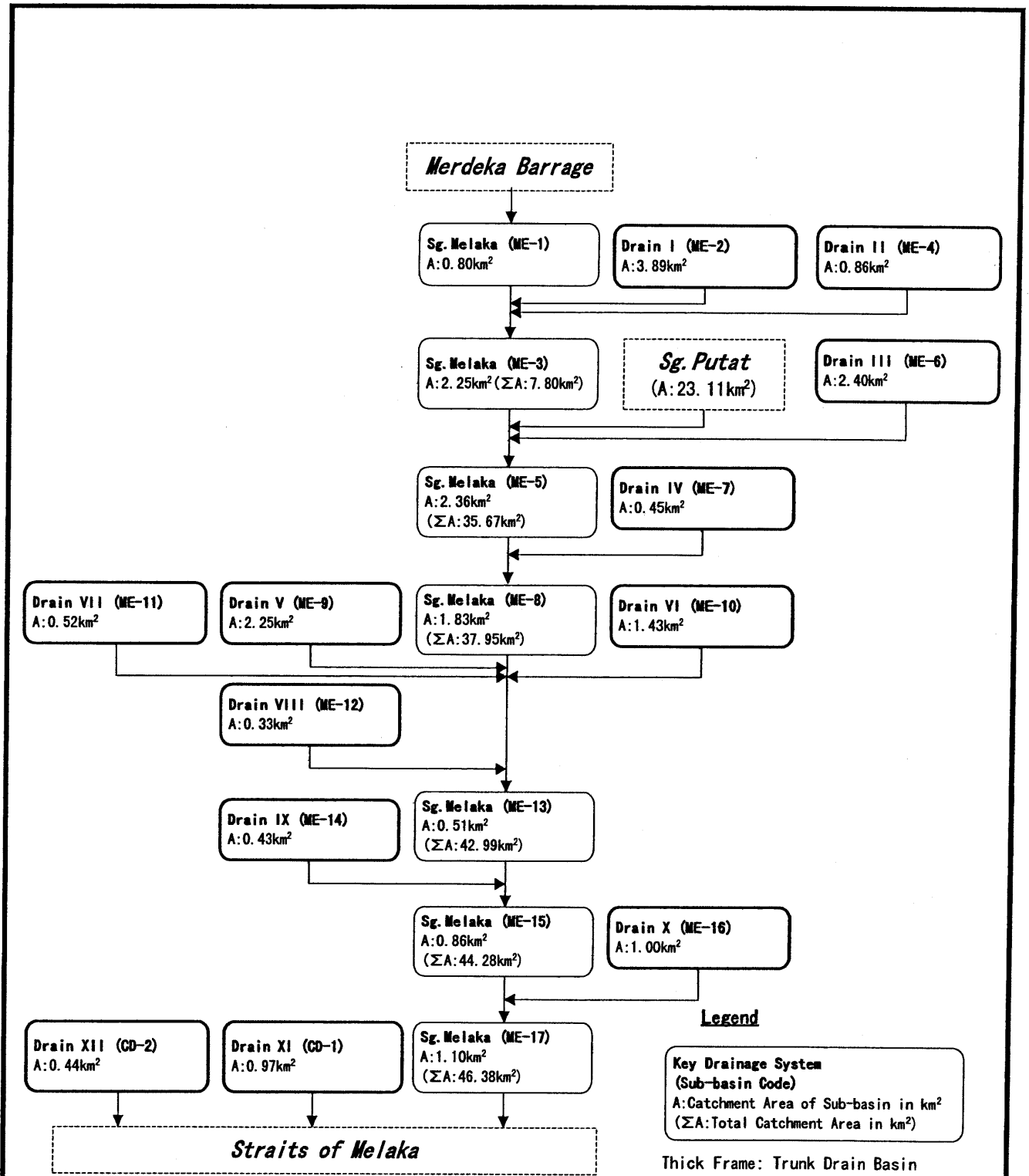


Sg. Malim Basin and Individual Coastal Drains

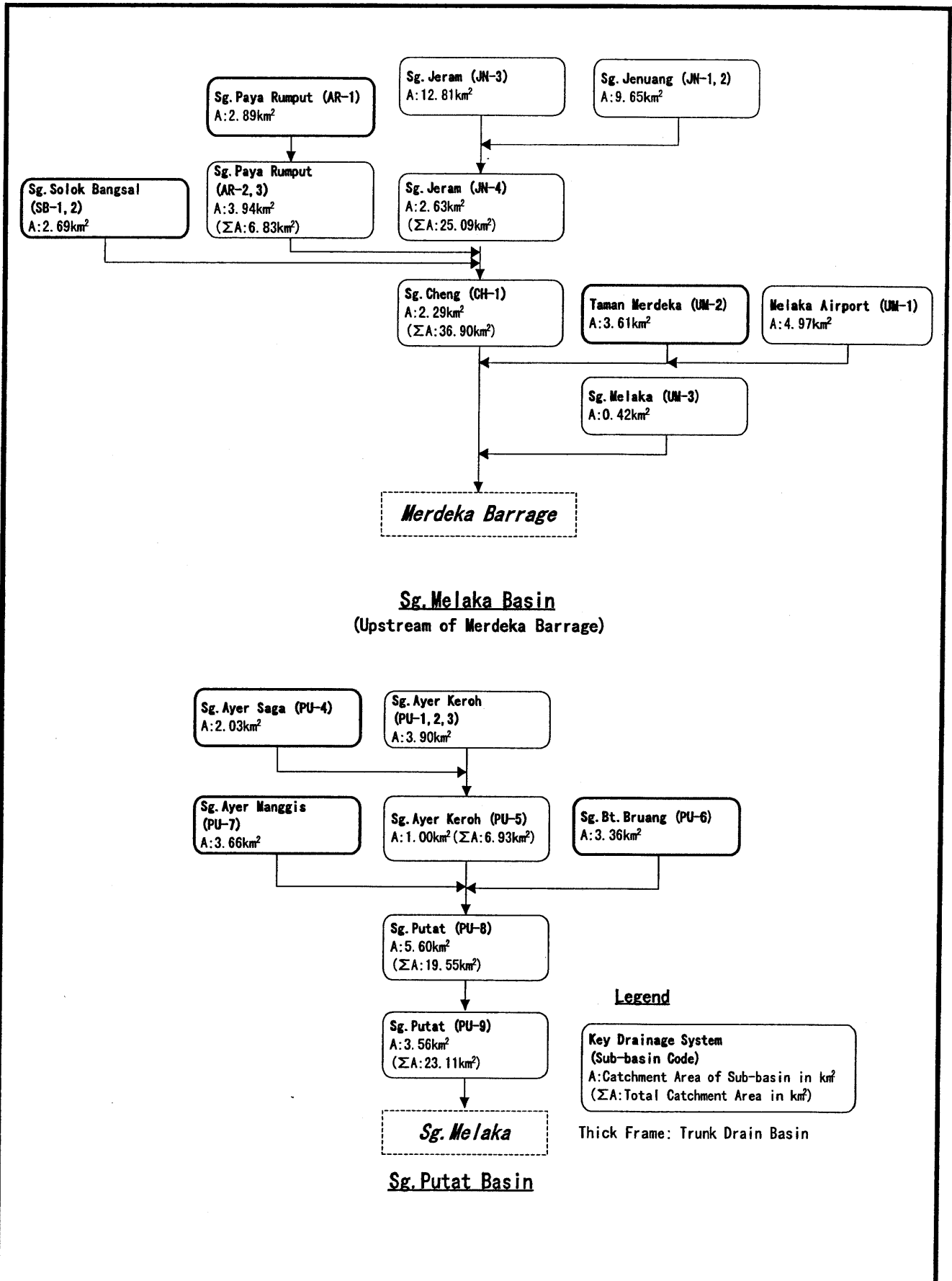
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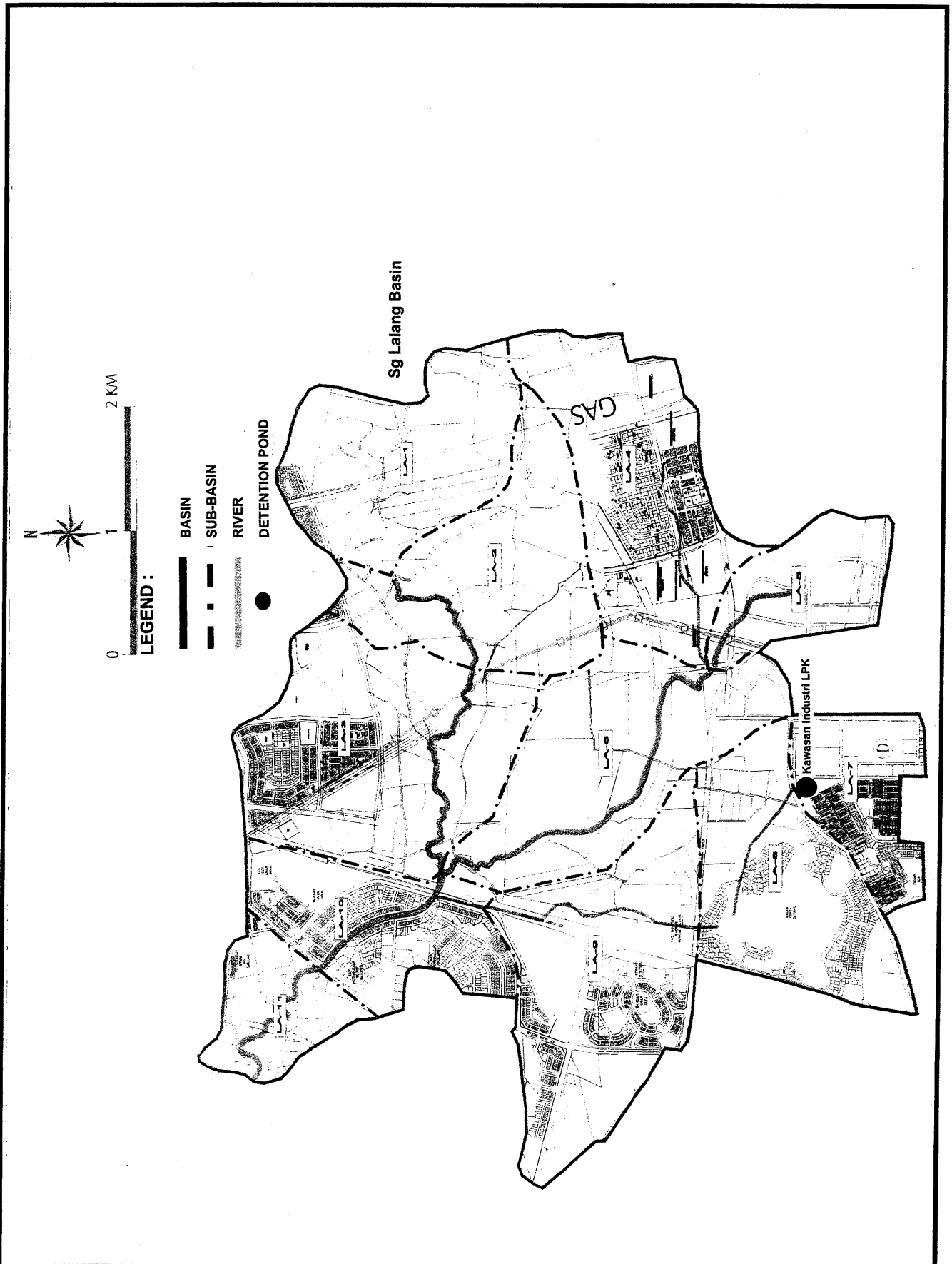
Key Drainage System
(Sub-basin Code)
A: Catchment Area of Sub-basin in km²
(ΣA: Total Catchment Area in km²)

Thick Frame: Trunk Drain Basin



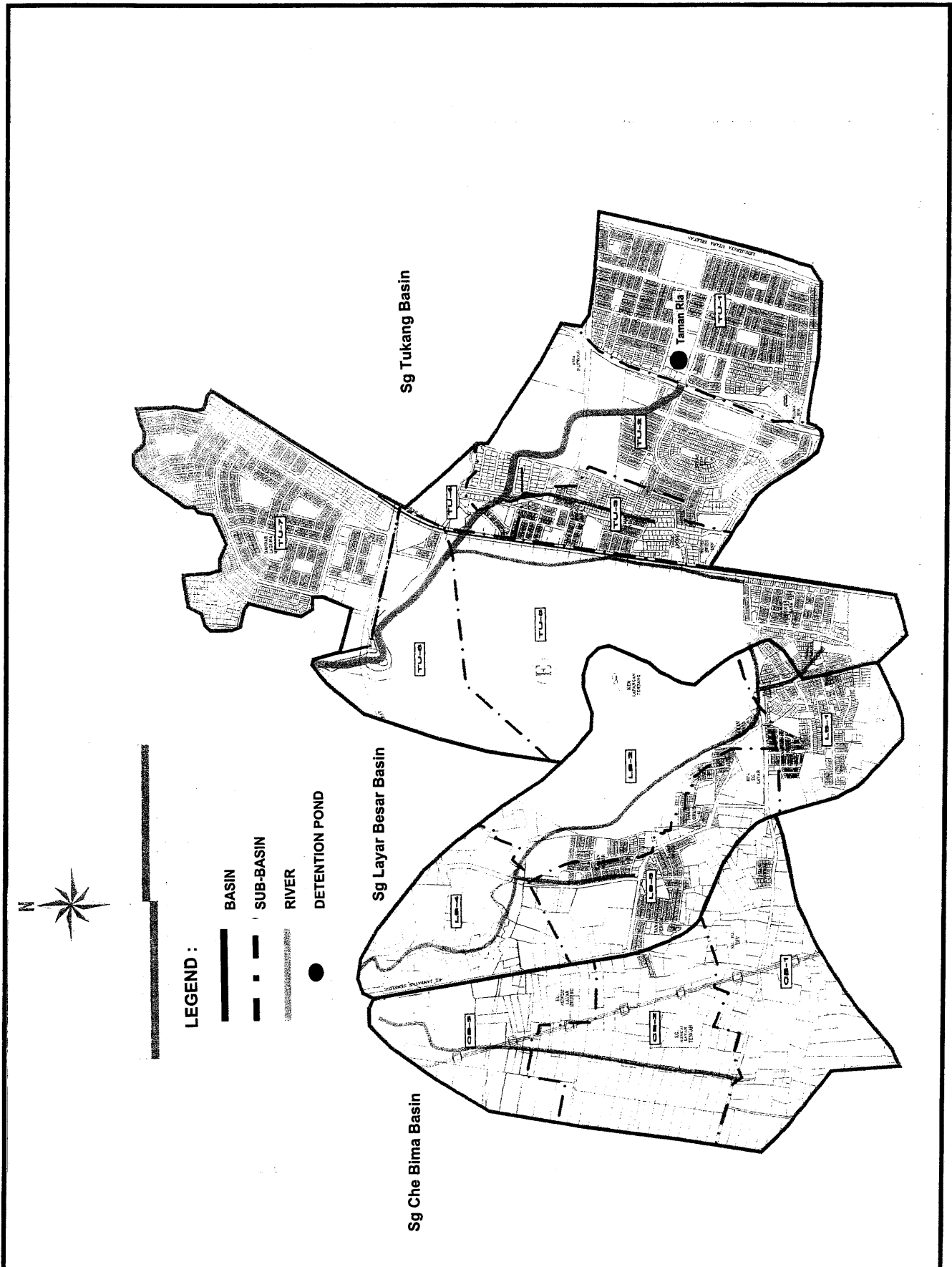
Sg. Melaka Basin and Individual Coastal Drains
(Downstream of Merdeka Barrage)





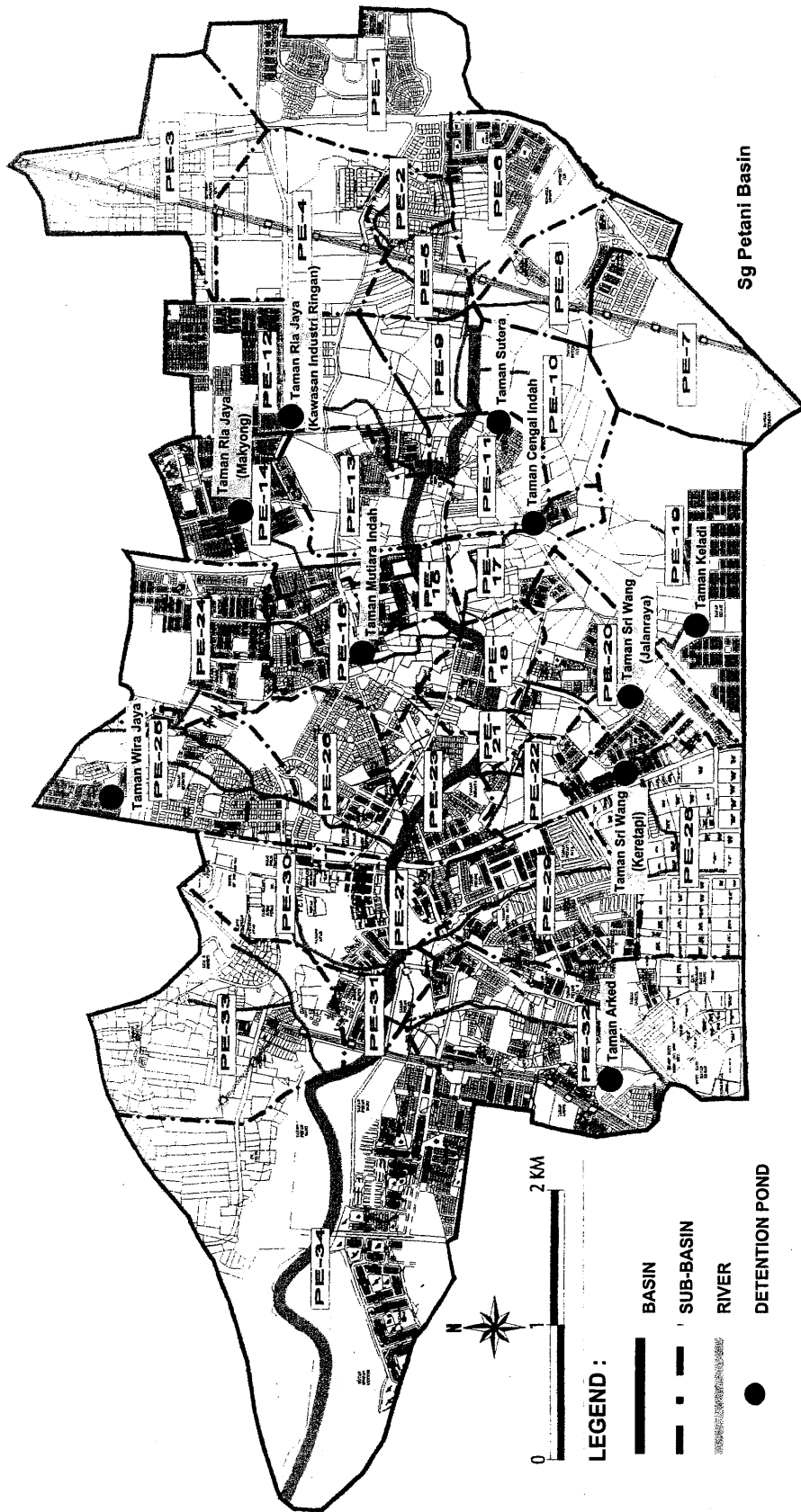
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Fig. IV-5(1/5)
Location Map of Detention Pond
(Sg. Lalang Basin)



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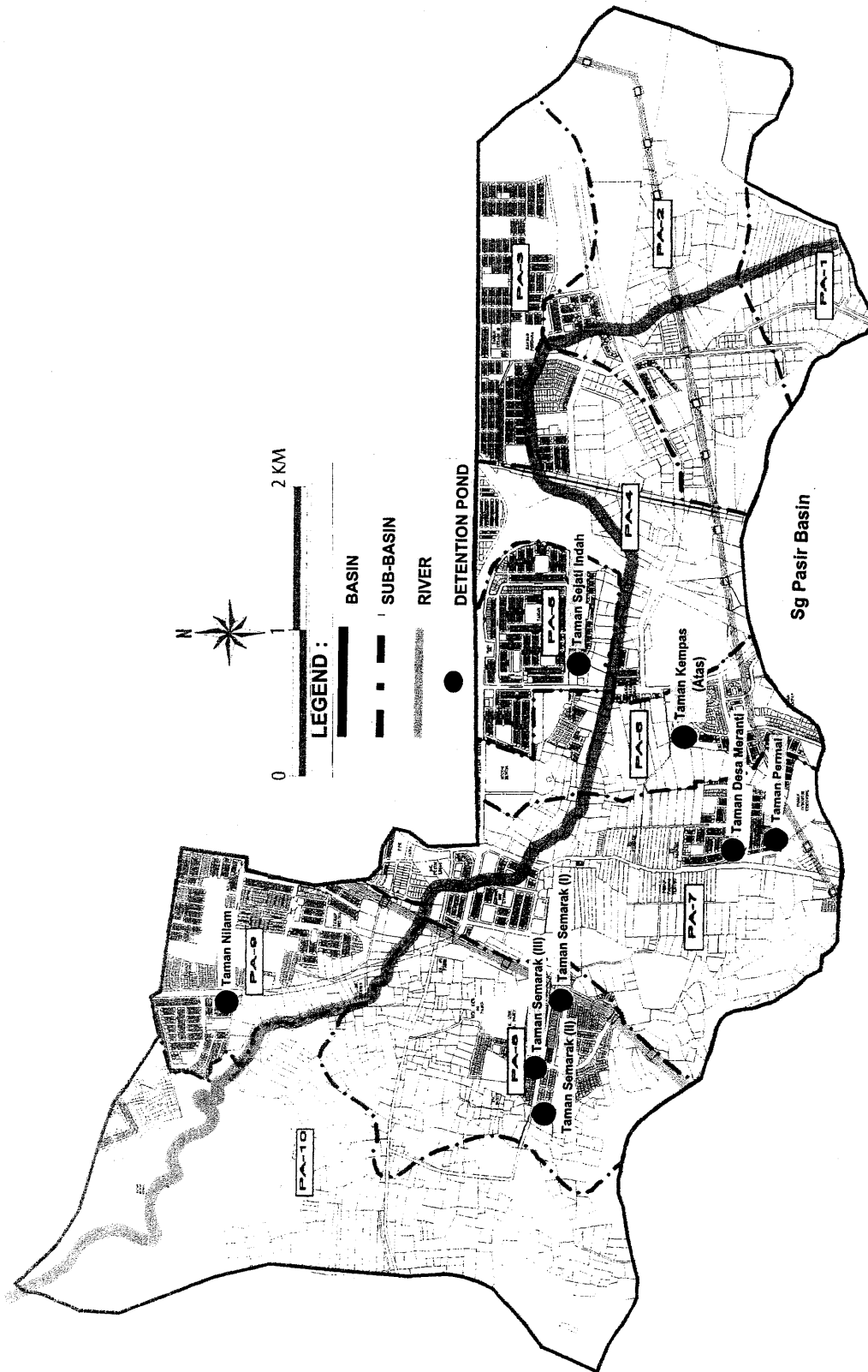
Fig. IV-5(2/5)
 Location Map of Detention Pond
 (Sg. Tukang Basin)



Sg Petani Basin

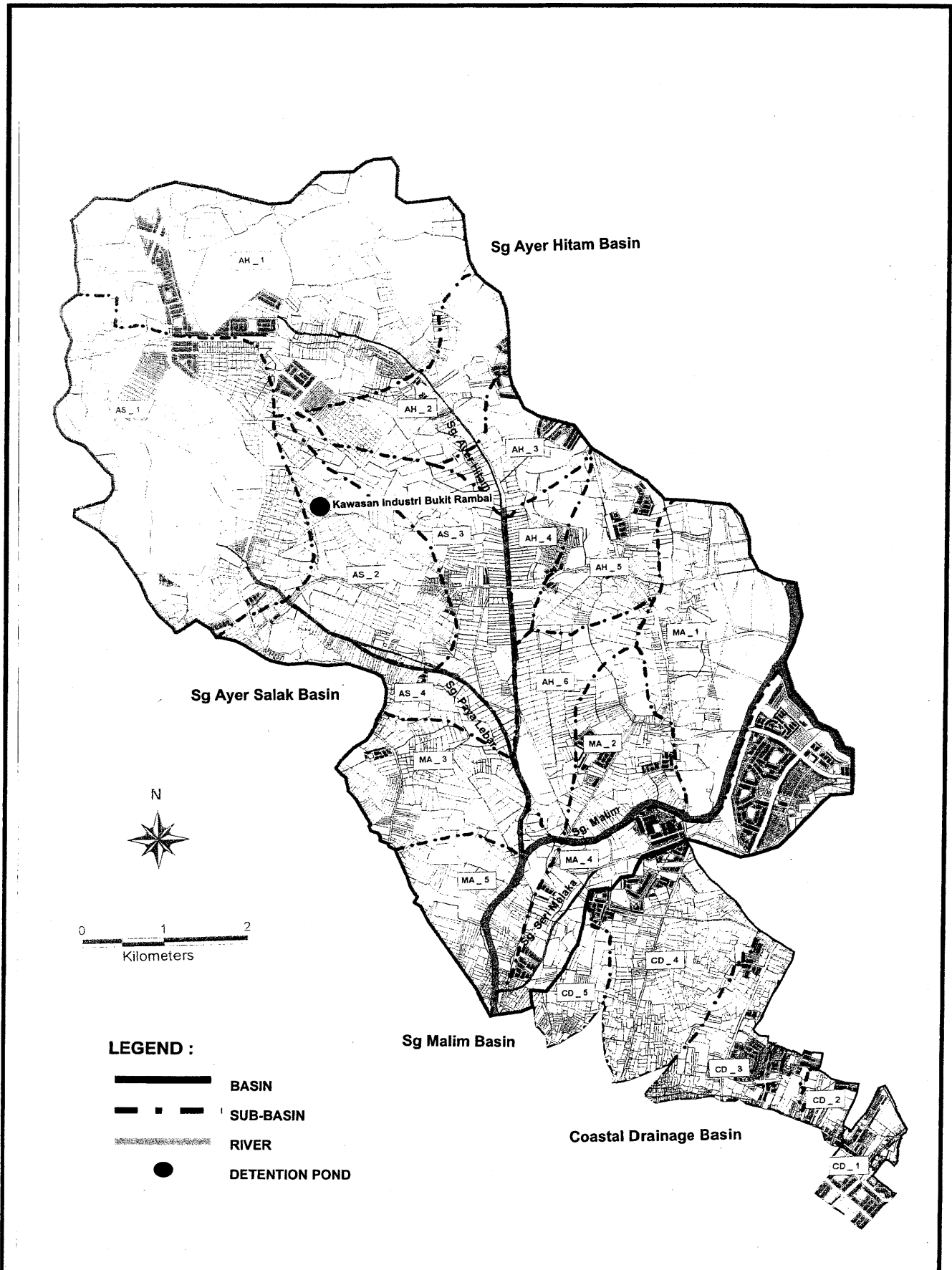
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Fig. IV-5(3/5)
 Location Map of Detention Pond
 (Sg. Petani Basin)



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Fig. IV-5(4/5)
 Location Map of Detention Pond
 (Sg. Pasir Basin)



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Fig. IV-5(5/5)
Location Map of Detention Pond
(Sg. Ayer Salak Basin)