
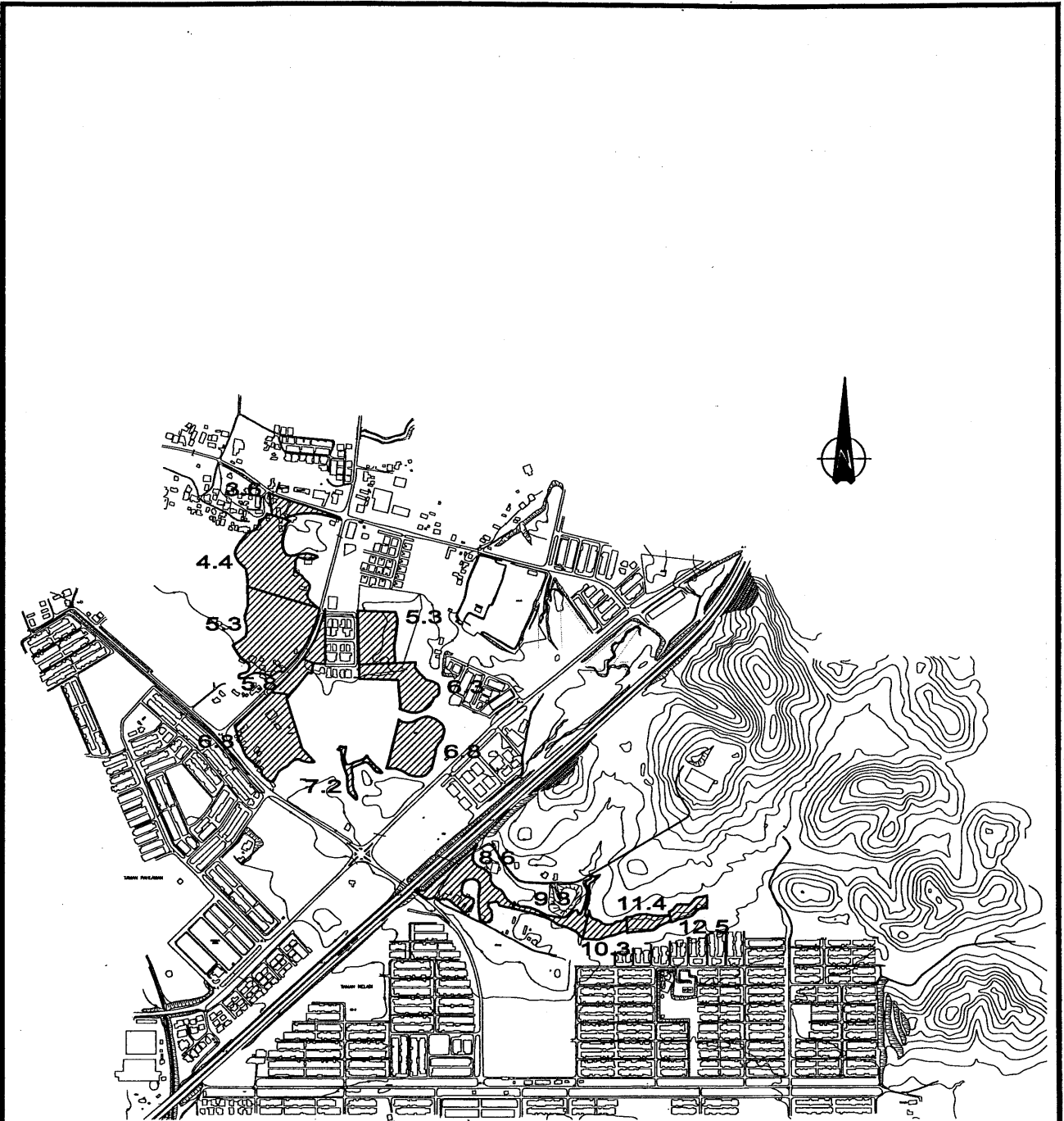


REGEND
10.0 : Platform Level (E. L. m)
 : Platform Area

SCALE
 0 200 400 600 1000 metres

THE STUDY ON
 INTEGRATED URBAN DRAINAGE IMPROVEMENT
 FOR MELAKA AND SUNGAI PETANI IN MALAYSIA
 JAPAN INTERNATIONAL COOPERATION AGENCY

Fig.3-27(1/4)
 Area for Rising of Platform Level
 (Sg. Air Mendidih Basin in Sungai Petani)

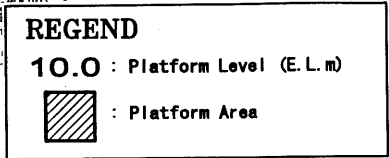
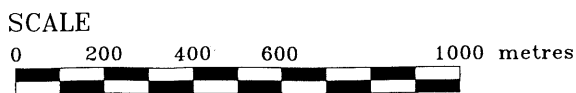


REGEND
 10.0 : Platform Level (E.L.m)
 [Hatched Box] : Platform Area

SCALE
 0 200 400 600 1000 metres

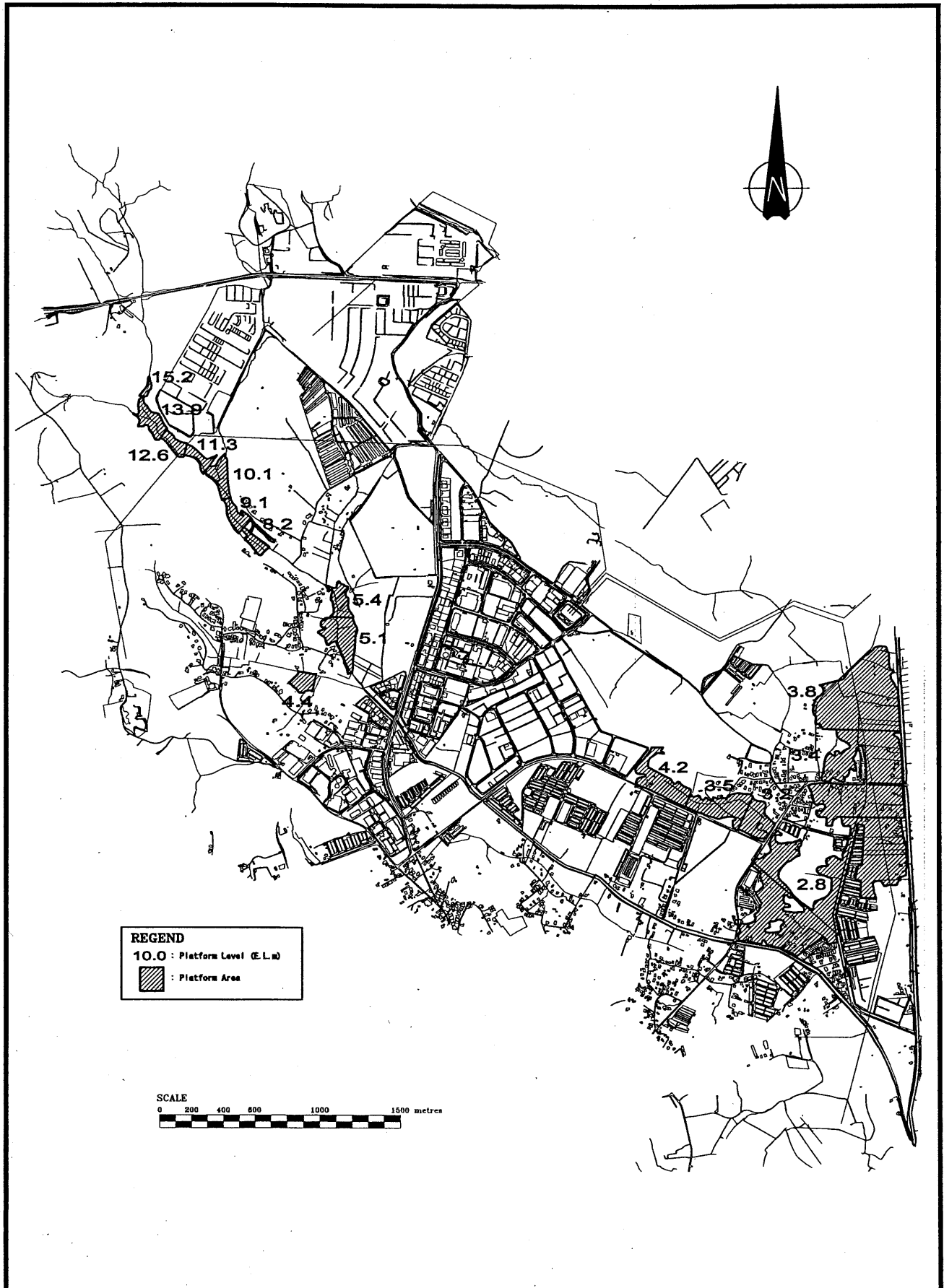
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 INTEGRATED URBAN DRAINAGE IMPROVEMENT
 FOR MELAKA AND SUNGAI PETANI IN MALAYSIA
 JAPAN INTERNATIONAL COOPERATION AGENCY

Fig.3-27(2/4)
 Area for Rising of Platform Level
 (Line-G Basin in Sungai Petani)



THE STUDY ON
 INTEGRATED URBAN DRAINAGE IMPROVEMENT
 FOR MELAKA AND SUNGAI PETANI IN MALAYSIA
 JAPAN INTERNATIONAL COOPERATION AGENCY

Fig.3-27(3/4)
 Area for Rising of Platform Level
 (Prt.Pokok Mangga Basin in Melaka)



THE STUDY ON
 INTEGRATED URBAN DRAINAGE IMPROVEMENT
 FOR MELAKA AND SUNGAI PETANI IN MALAYSIA
 JAPAN INTERNATIONAL COOPERATION AGENCY

Fig.3-27(4/4)
 Area for Rising of Platform Level
 (Sg. Ayer Salak Basin in Melaka)

Sg. Petani (Air Mendidih)

Work Items	Quantities	1999	2000	2001	2002	2003	2004	2005
1. Feasibility Study		—	—					
2. Detailed Design & Const. Supervision				—	—	—	—	—
3. Land Acquisition	8.6 ha				—	—	—	
4. Construction						—	—	—
(1) Channel Improvement	Length							
Segment : AM-1 to AM-5	1,310 m					.....	
Segment : N-1 to N-3	1,090 m						.....
Segment : O-1 to P-4	2,040 m						.....	.....
(2) Detention Facilities	Earth work							
Polis Hutan D.P.	51,300 m ³					.....	.....
Upper Line P D.P.	18,900 m ³						.....	.....
Sek. Men. Sains. S.P.O.S.	20,000 m ³					.....	.....
IKM S.P.O.S.	3,300 m ³					.....	
Line N channel storage	4,800 m ³					.....	

Note : D.P. (Detention Pond)
S.P.O.S. (Storage in Public Open Space)

Sg. Petani (Line G)

Work Items	Quantities	1999	2000	2001	2002	2003	2004	2005
1. Feasibility Study		—	—					
2. Detailed Design & Const. Supervision				—	—	—	—	—
3. Land Acquisition	9.0 ha				—	—	—	
4. Construction						—	—	—
(1) Channel Improvement	Length							
Segment : G-1 to G-5	1,500 m					.....	
Segment : G-6 to G-8 & TK-1	1,240 m							.....
Diversion channel : D-1	280 m						.....
(2) Detention Facilities	Earth work							
Taman Keladi D.P.(rehabilitation)	28,000 m ³					.....	.....
T. Sri Wang D.P.(rehabilitation)	4,700 m ³					.....	
Upper Line G D.P.	24,100 m ³						.....	.....
Middle Line G D.P.	35,700 m ³					.....	.....

Note : D.P. (Detention Pond)
S.P.O.S. (Storage in Public Open Space)

THE STUDY ON
INTEGRATED URBAN DRAINAGE IMPROVEMENT
FOR MELAKA AND SUNGAI PETANI IN MALAYSIA
JAPAN INTERNATIONAL COOPERATION AGENCY

Fig.3-28(1/2)
Implementation Schedule of Priority
Project

Melaka (Pokok Mangga)

Work Items	Quantities	1999	2000	2001	2002	2003	2004	2005
1. Feasibility Study		—						
2. Detailed Design & Const. Supervision				—	—	—	—	—
3. Land Acquisition	6.3 ha				—	—	—	
4. Construction						—	—	—
Channel Improvement	Length							
Segment : PM-1 to AM-4	3,270 m					—	—	—
Segment : LP-1 to LP-2 & BL-1	2,790 m					—	—	
Segment : M-1 to M-2	2,230 m						—	—
New trunk drain : FW-1 to FW-3	2,550 m						—	—

Melaka (Ayer Salak)

Work Items	Quantities	1999	2000	2001	2002	2003	2004	2005
1. Feasibility Study		—						
2. Detailed Design & Const. Supervision				—	—	—	—	—
3. Land Acquisition	51.9 ha				—	—	—	
4. Construction						—	—	—
(1) Channel Improvement	Length							
Segment : AS-3 to AS-4	850 m					—	—	
Segment : AS-5 to AS-8	3,930 m					—	—	—
Segment : A1-1 to A1-3	3,910 m					—	—	—
Segment : A2-1 to A2-2	2,950 m						—	—
Segment : T1-1 to T5-1	4,100 m					—	—	—
(2) Detention Facilities	Earth work							
Bukit Rambai D.P.(rehabilitation)	12,900 m ³					—	—	
Tg.Minyak (1) D.P.	63,100 m ³					—	—	—
Tg.Minyak (2) D.P.	51,500 m ³					—	—	—
Upper Ayer Salak D.P.	4,300 m ³						—	—
Middle AB1 D.P.	2,200 m ³							—
Middle AB11D.P.	100 m ³						—	—

Note : D.P. (Detention Pond)

S.P.O.S. (Storage in Public Open Space)

THE STUDY ON
INTEGRATED URBAN DRAINAGE IMPROVEMENT
FOR MELAKA AND SUNGAI PETANI IN MALAYSIA
JAPAN INTERNATIONAL COOPERATION AGENCY

Fig.3-28(2/2)
Implementation Schedule of Priority
Project