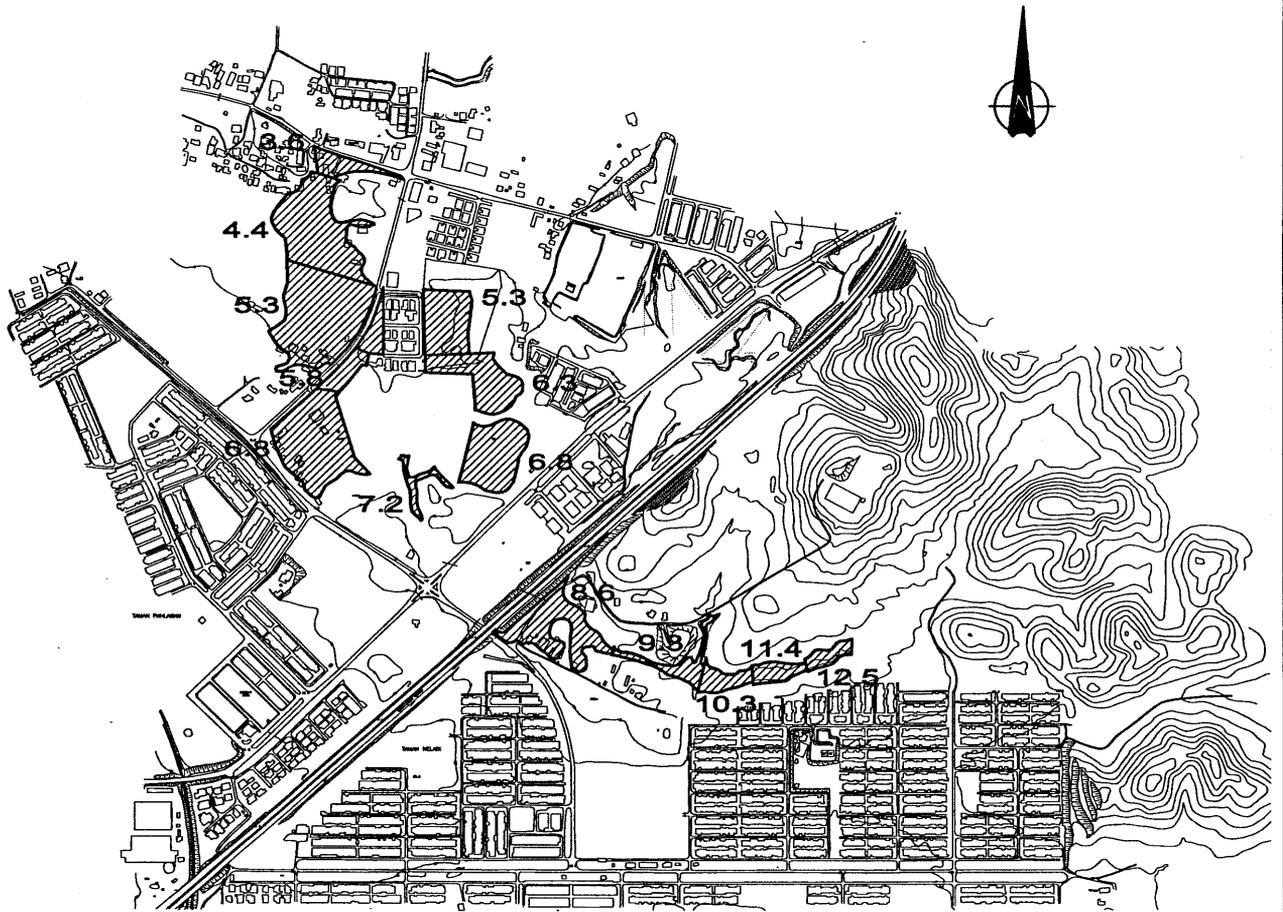


**REGEND**  
 10.0 : Platform Level (E. L. m)  
 : Platform Area

**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

図. 3-27 (1/4)  
 プラット・ホーム・レベルの嵩上げ (ア  
 イル・メンディディ川排水区域)



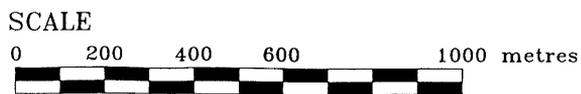
**REGEND**  
**10.0** : Platform Level (E.L.m)  
 : Platform Area

**SCALE**  
 0 200 400 600 800 1000 metres



THE STUDY ON  
 INTEGRATED URBAN DRAINAGE IMPROVEMENT  
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図. 3-27 (2/4)  
 プラット・ホーム・レベルの嵩上げ (ライン G 排水区域)



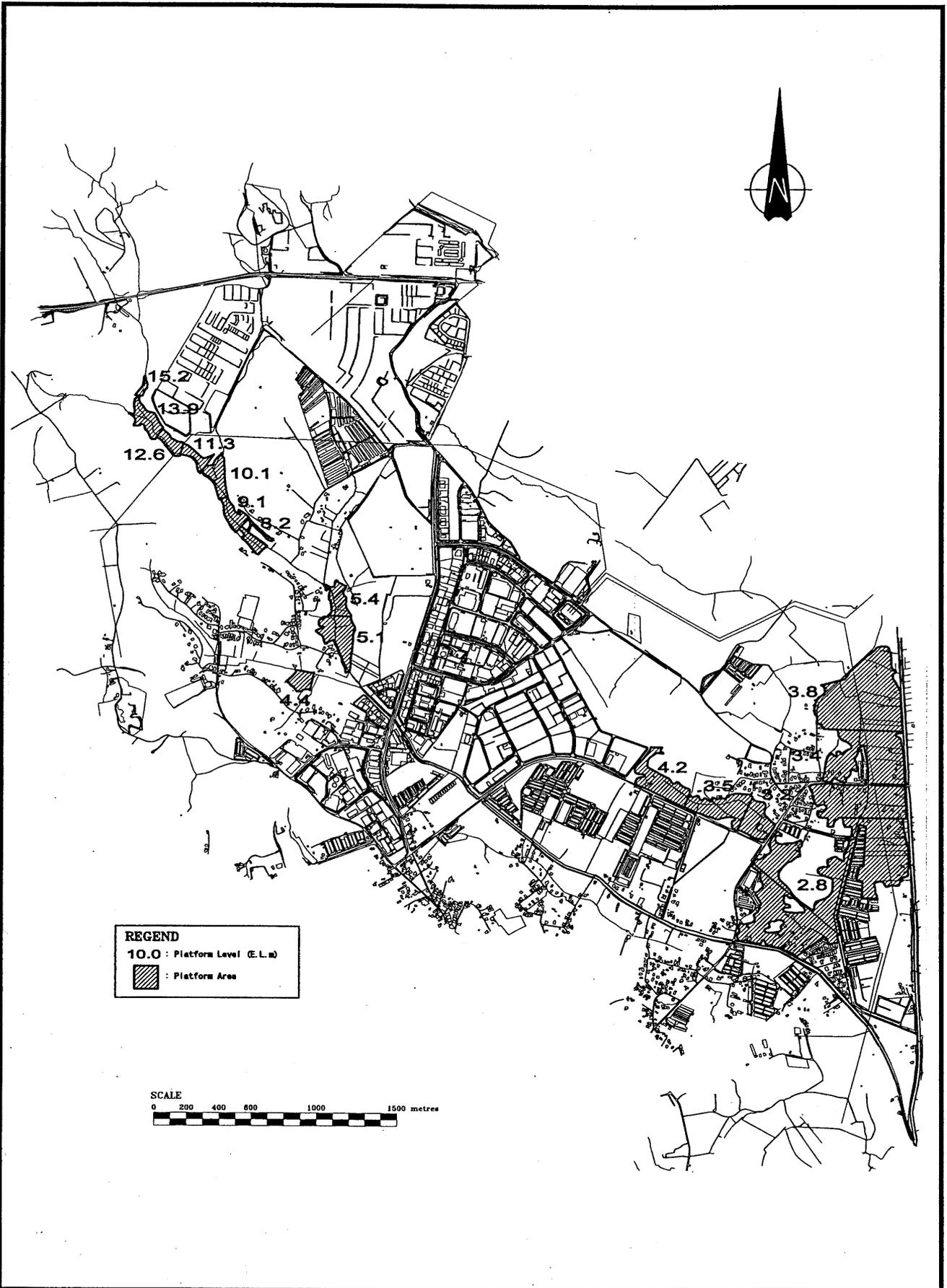
**REGEND**

10.0 : Platform Level (E.L.m)

 : Platform Area

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

図. 3-27 (3/4)  
 プラット・ホーム・レベルの嵩上げ (ポ  
 コ・マンガ排水区域)



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

図. 3-27 (4/4)  
 プラット・ホーム・レベルの嵩上げ (ア  
 イル・サラック川排水区域南部)

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 <sup>3</sup>					▨		
Upper Line P D.P.	18,900 m <sup>3</sup>						▨	
Sek. Men. Sains. S.P.O.S.	20,000 m <sup>3</sup>					▨		
IKM S.P.O.S.	3,300 m <sup>3</sup>					▨		
Line N channel storage	4,800 m <sup>3</sup>					▨		

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 <sup>3</sup>					▨		
T. Sri Wang D.P.(rehabilitation)	4,700 m <sup>3</sup>					▨		
Upper Line G D.P.	24,100 m <sup>3</sup>						▨	
Middle Line G D.P.	35,700 m <sup>3</sup>					▨		

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

図. 3-28 (1/2)  
優先プロジェクトの実施計画

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 m3					.....		
Tg.Minyak (1) D.P.	63,100 m3					.....	.....	.....
Tg.Minyak (2) D.P.	51,500 m3					.....	.....	.....
Upper Ayer Salak D.P.	4,300 m3							.....
Middle AB1 D.P.	2,200 m3							.....
Middle AB11D.P.	100 m3						.....	

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

図. 3-28 (2/2)  
優先プロジェクトの実施計画