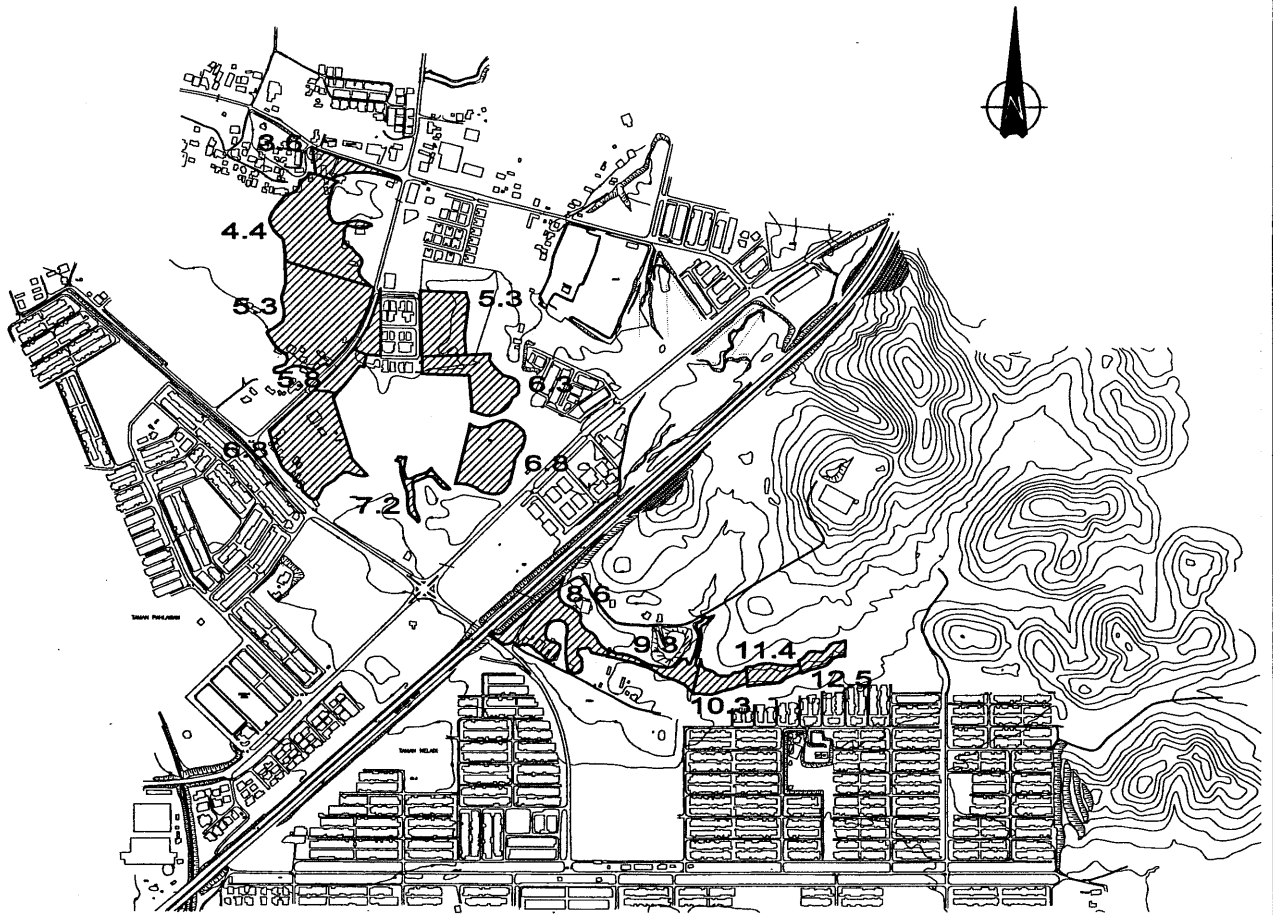


THE STUDY ON  
 INTEGRATED URBAN DRAINAGE IMPROVEMENT  
 FOR MELAKA AND SUNGAI PETANI IN MALAYSIA  
 JAPAN INTERNATIONAL COOPERATION AGENCY

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)  
 [Hatched Box] : 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 (2/4)  
 プラット・ホーム・レベルの嵩上げ (ライン G 排水区域)

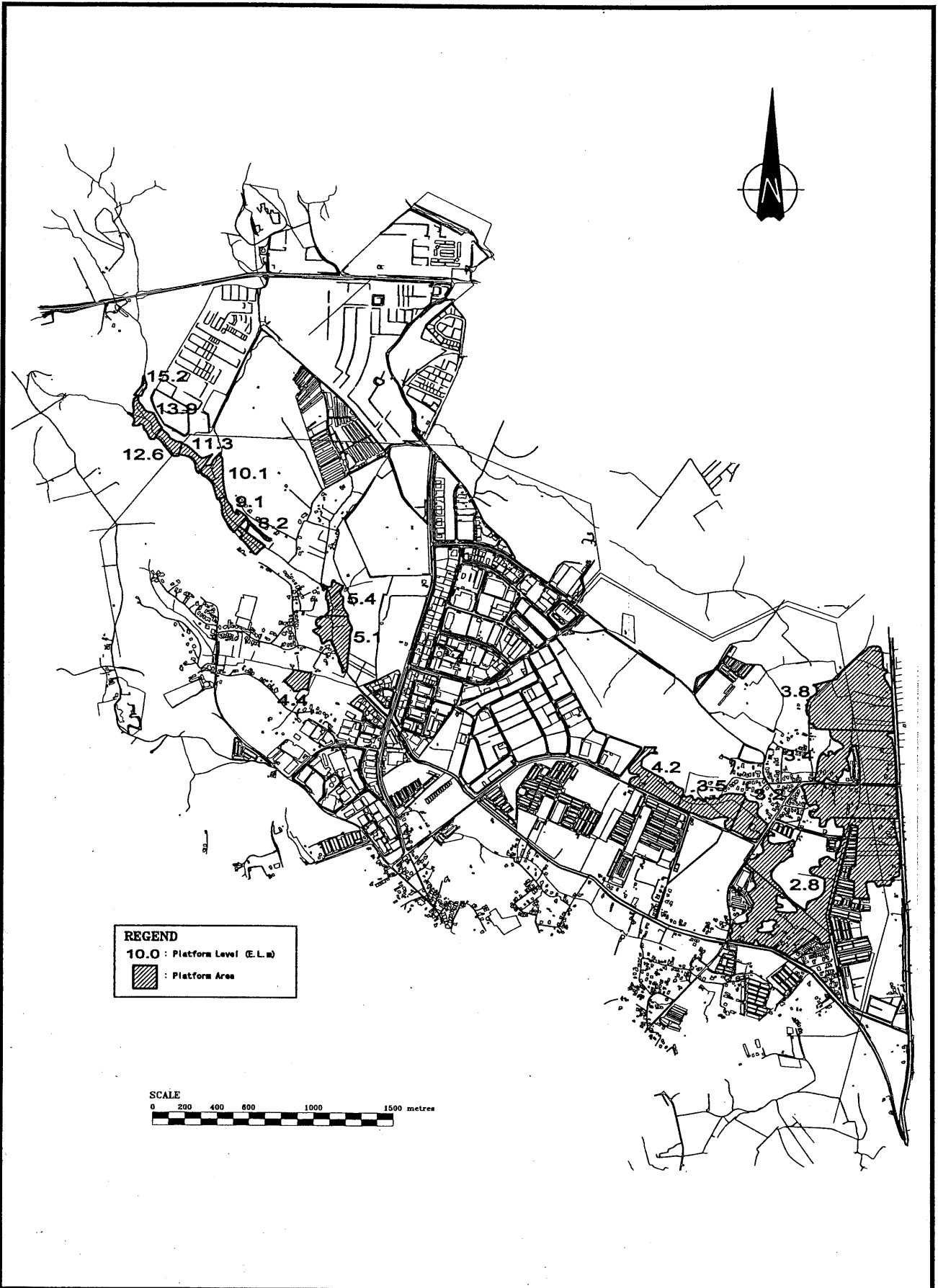


SCALE  
0 200 400 600 1000 metres

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

THE STUDY ON  
INTEGRATED URBAN DRAINAGE IMPROVEMENT  
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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  
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 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 m3					▨		
Upper Line P D.P.	18,900 m3						▨	
Sek. Men. Sains. S.P.O.S.	20,000 m3					▨		
IKM S.P.O.S.	3,300 m3					▨		
Line N channel storage	4,800 m3					▨		

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 m3					▨		
T. Sri Wang D.P.(rehabilitation)	4,700 m3					▨		
Upper Line G D.P.	24,100 m3						▨	
Middle Line G D.P.	35,700 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 (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 m <sup>3</sup>					.....		
Tg.Minyak (1) D.P.	63,100 m <sup>3</sup>					.....	.....	.....
Tg.Minyak (2) D.P.	51,500 m <sup>3</sup>					.....	.....	.....
Upper Ayer Salak D.P.	4,300 m <sup>3</sup>							.....
Middle AB1 D.P.	2,200 m <sup>3</sup>							.....
Middle AB11D.P.	100 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 (2/2)  
優先プロジェクトの実施計画