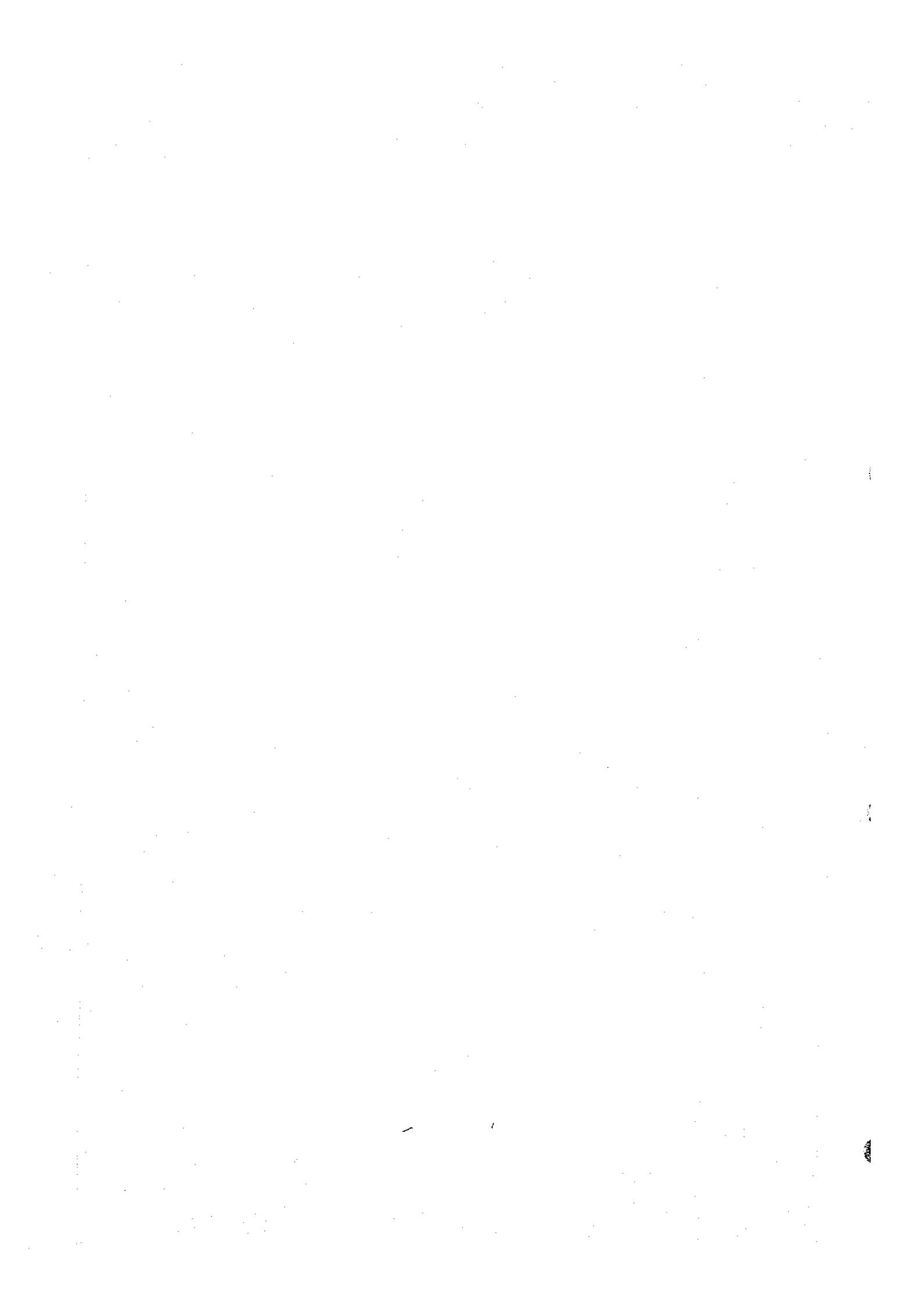
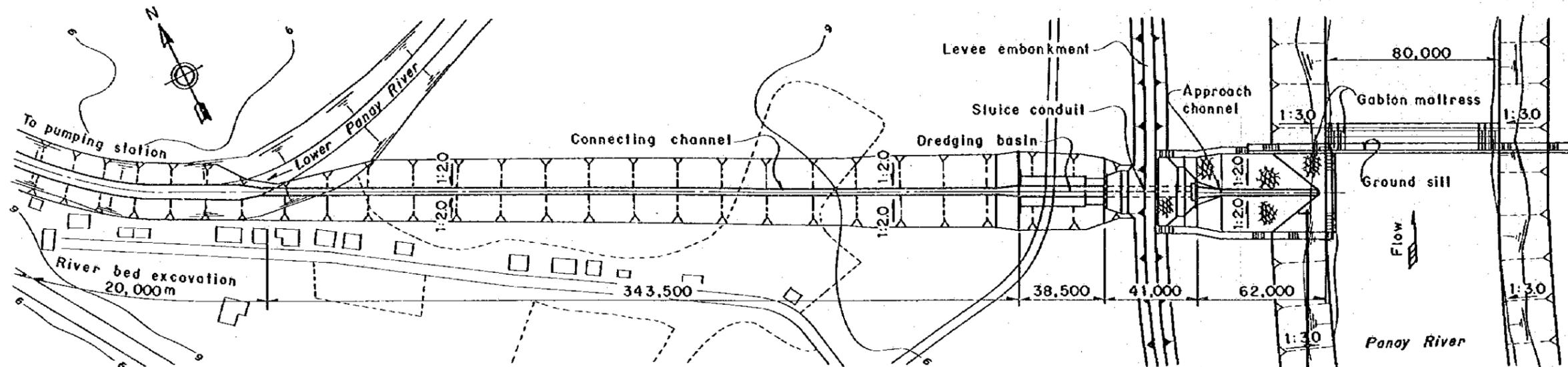


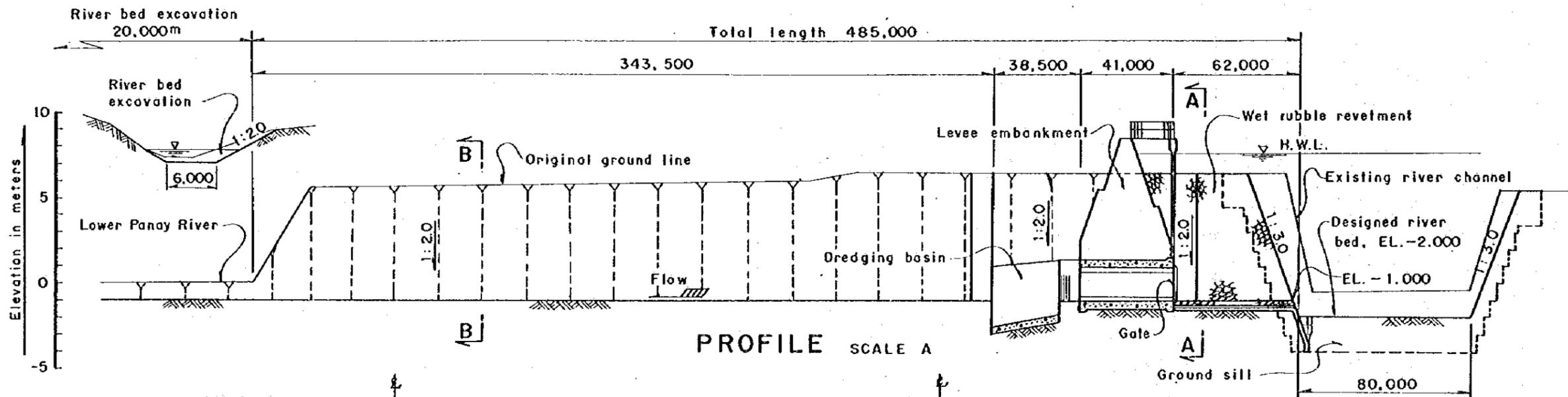
STATION NO.	CUMULATIVE DISTANCE(M)
0	0
2	2000
4	4000
6	6000
8	8000
10	10000
12	12000
14	14000
16	16000
18	18000
20	20000
22	22000
24	24000
26	26000
28	28000
30	30000
32	32000
34	34000

図 7.5-4 代替案 3 : ローアパナイ川縦断面図
 Fig. 7.5-4 Alternative 3 : Profile of Lower Panay River

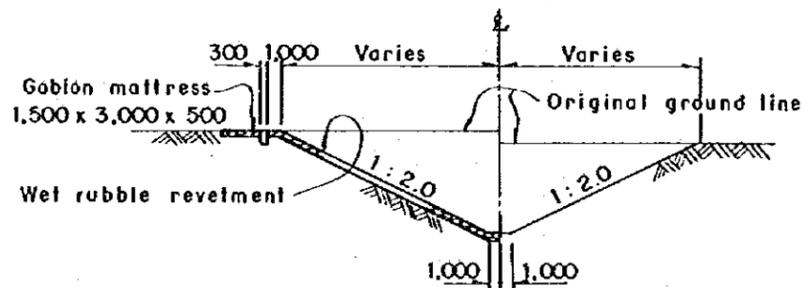




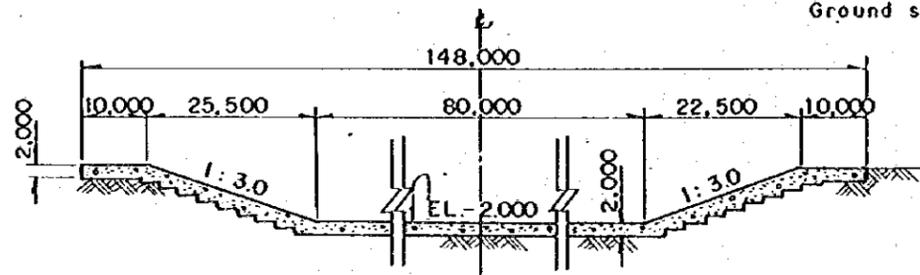
PLAN SCALE A



PROFILE SCALE A



SECTION A-A SECTION B-B



SECTION OF GROUND SILL

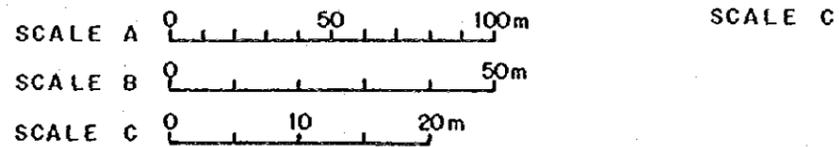
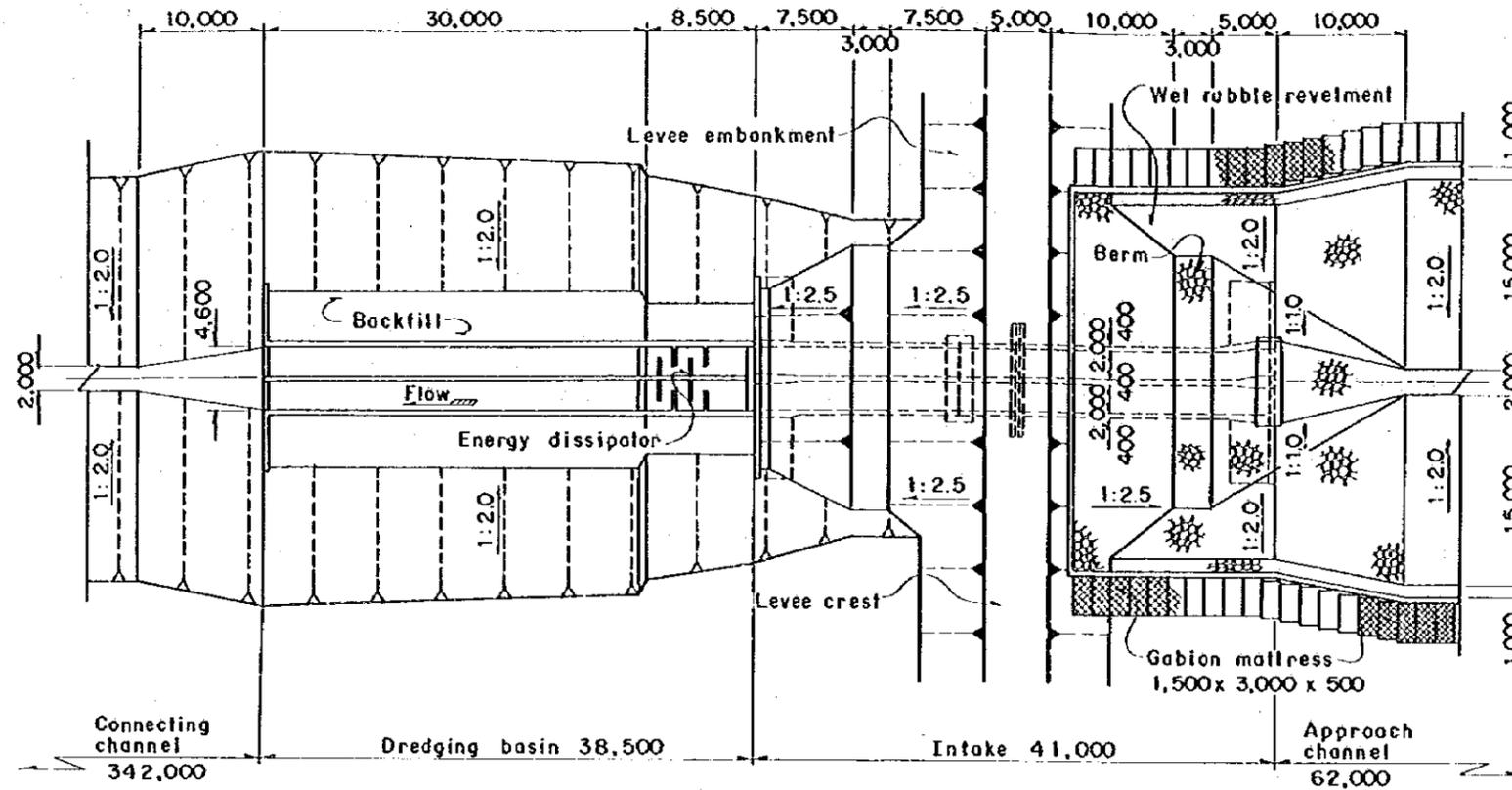
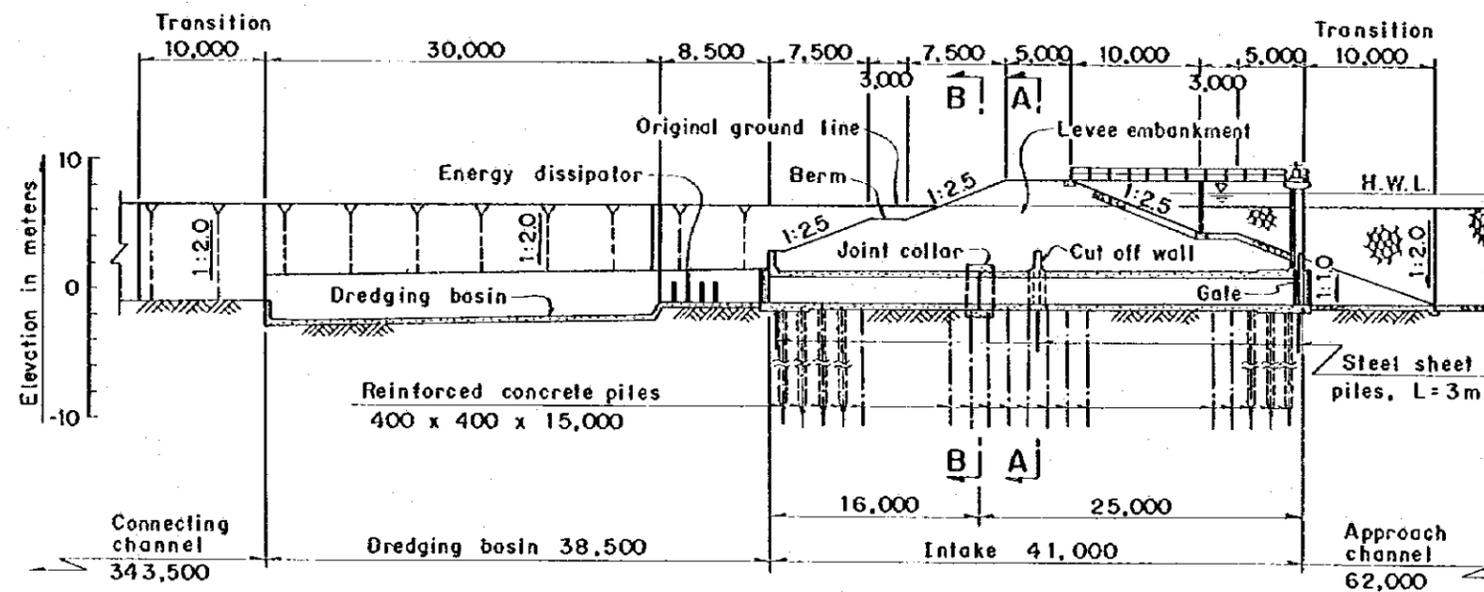


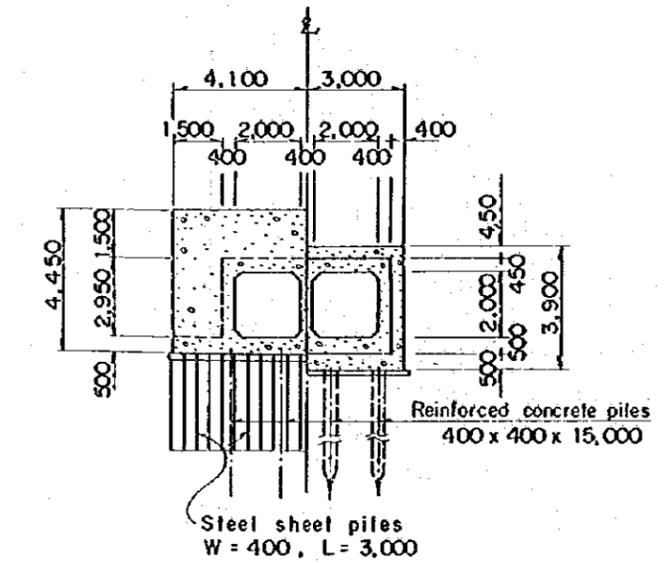
图 7.5-5 代替案3：取水施設及び混入水路全体図
Fig. 7.5-5 Alternative 3: General Layout of Intake and Connecting Channel



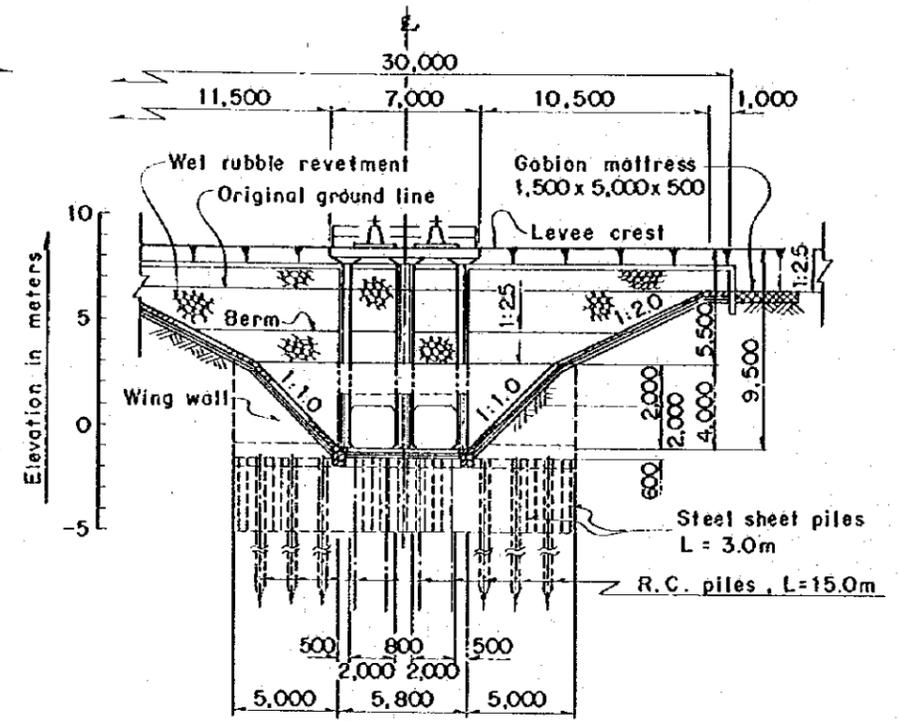
PLAN SCALE A



PROFILE SCALE A



SECTION A-A SECTION B-B
SCALE C SCALE C



ELEVATION SCALE B

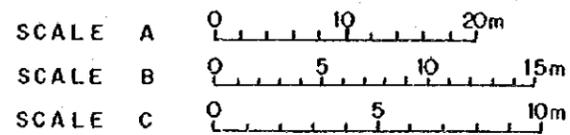
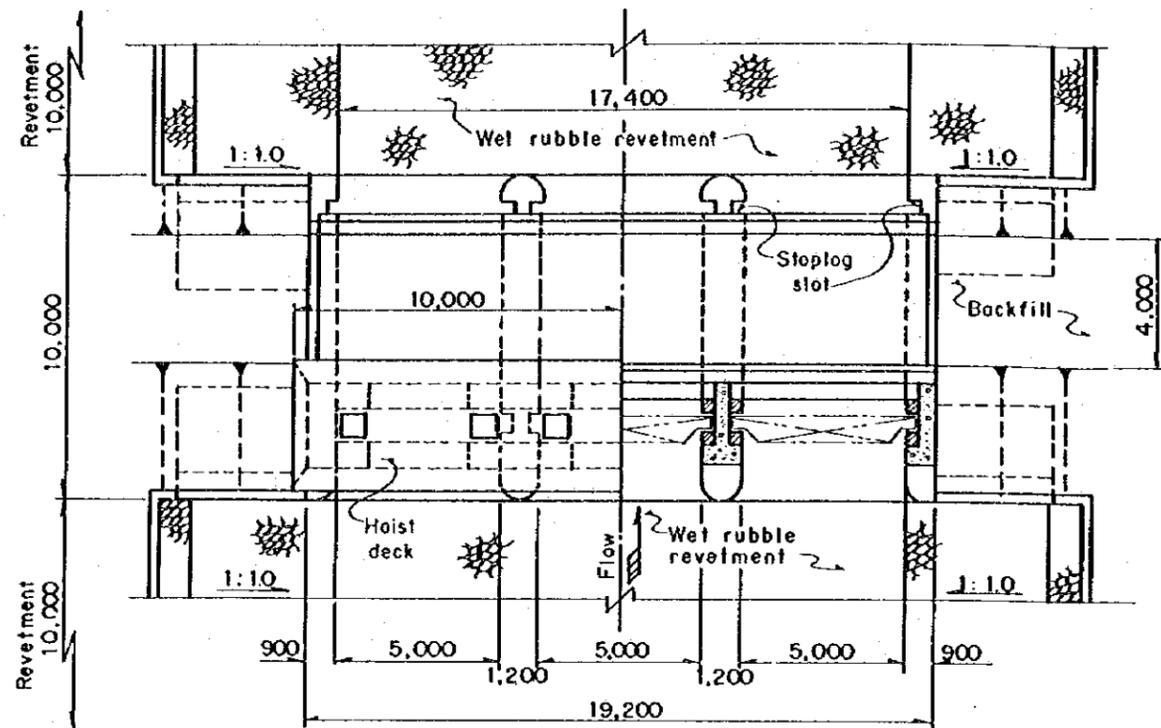
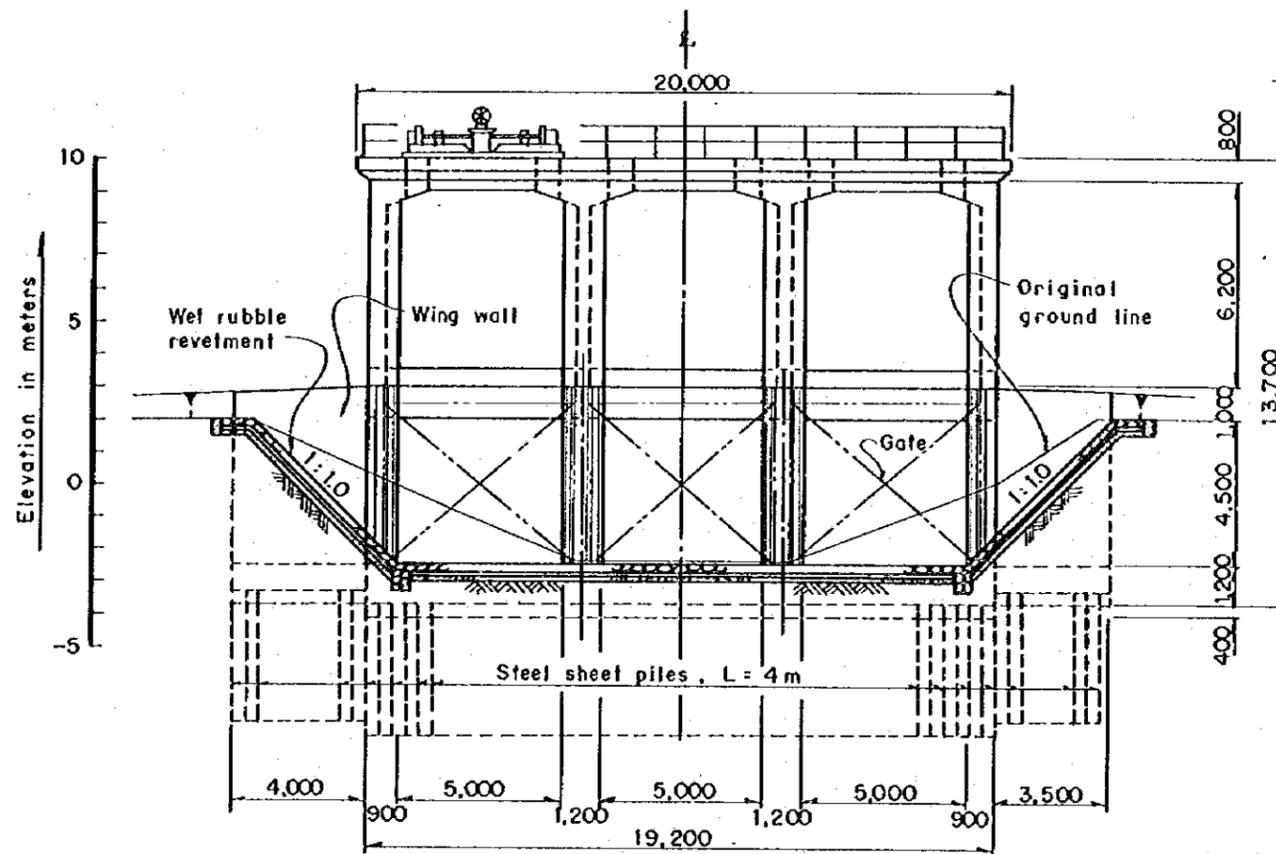


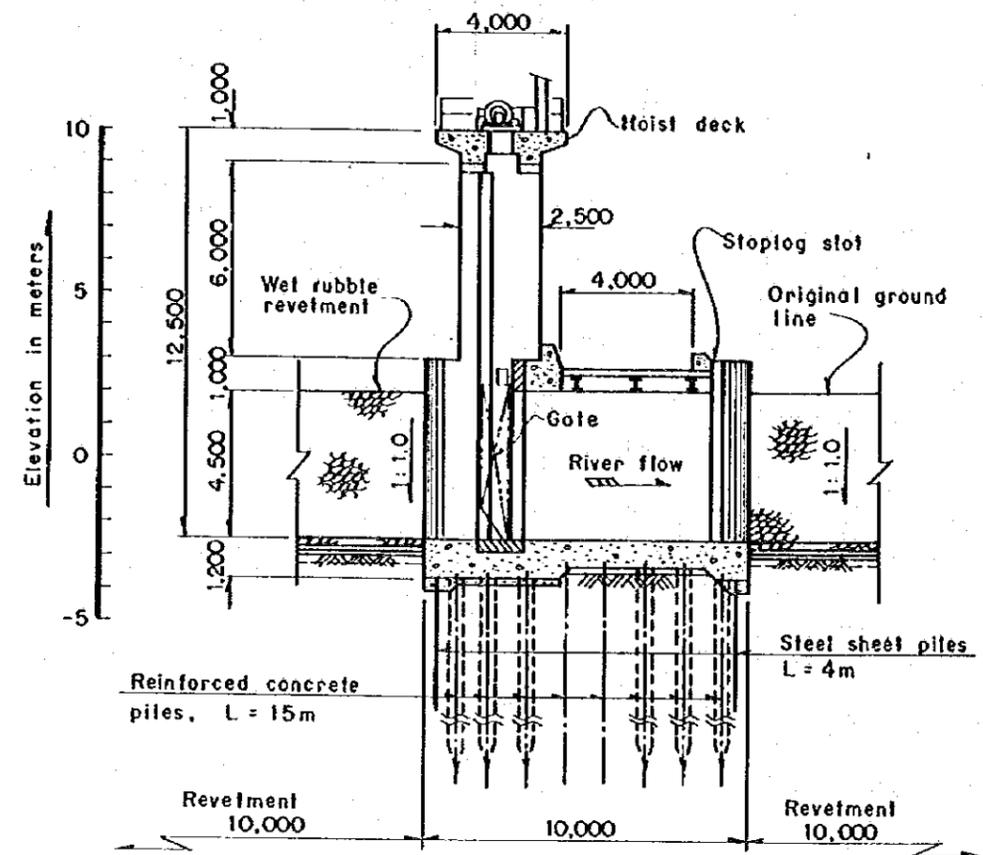
图 7.5-6 代替案3: 桶管詳細圖
Fig. 7.5-6 Alternative 3: Sludge Conduit Details



PLAN



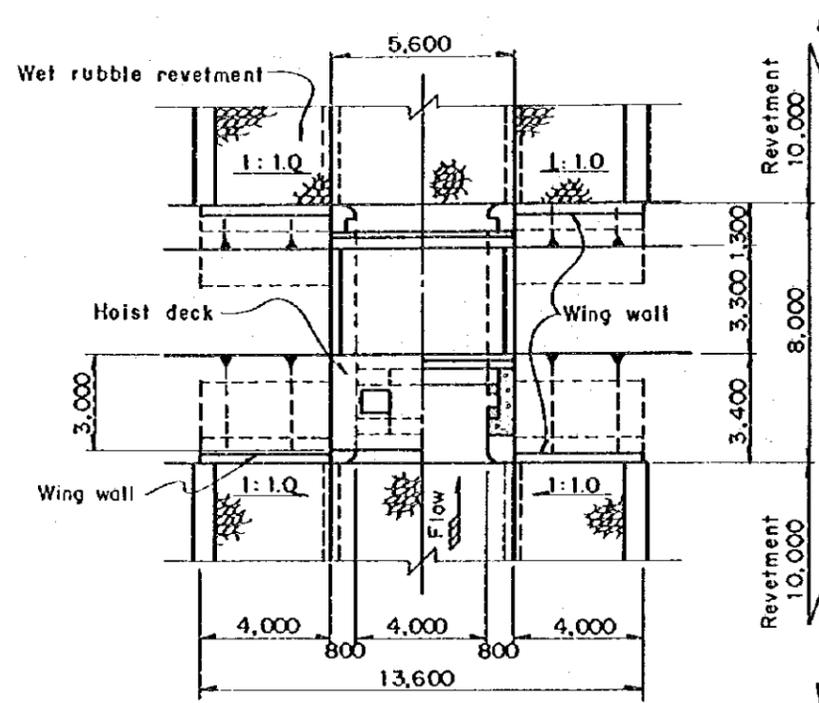
ELEVATION



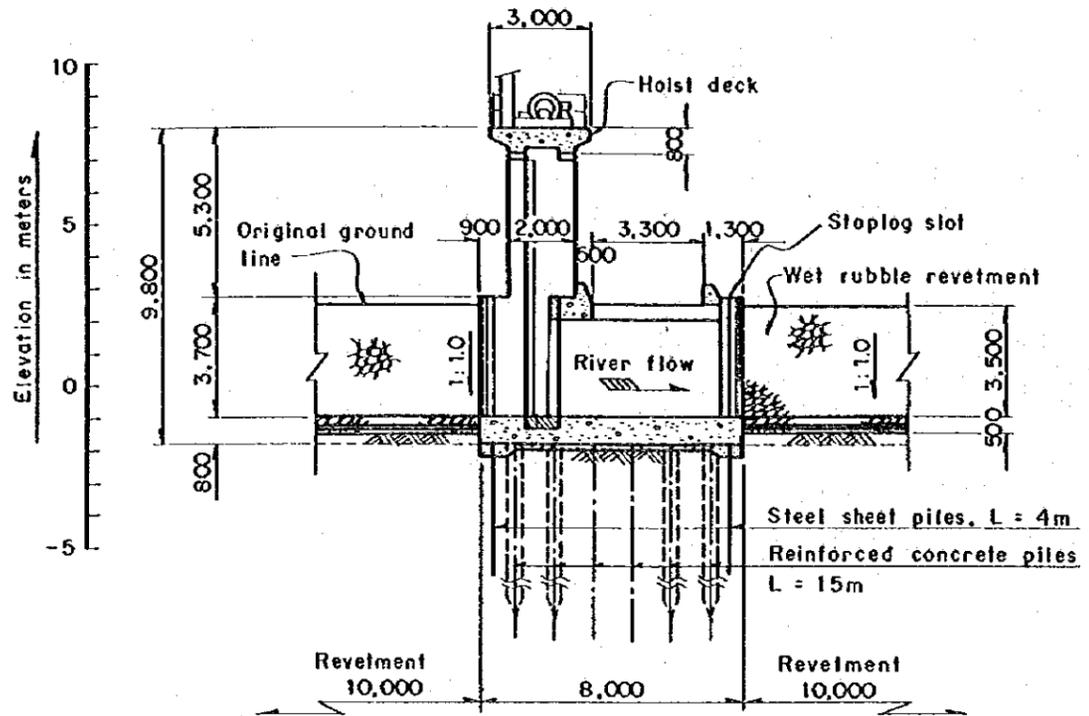
PROFILE

SCALE 0 5 10m

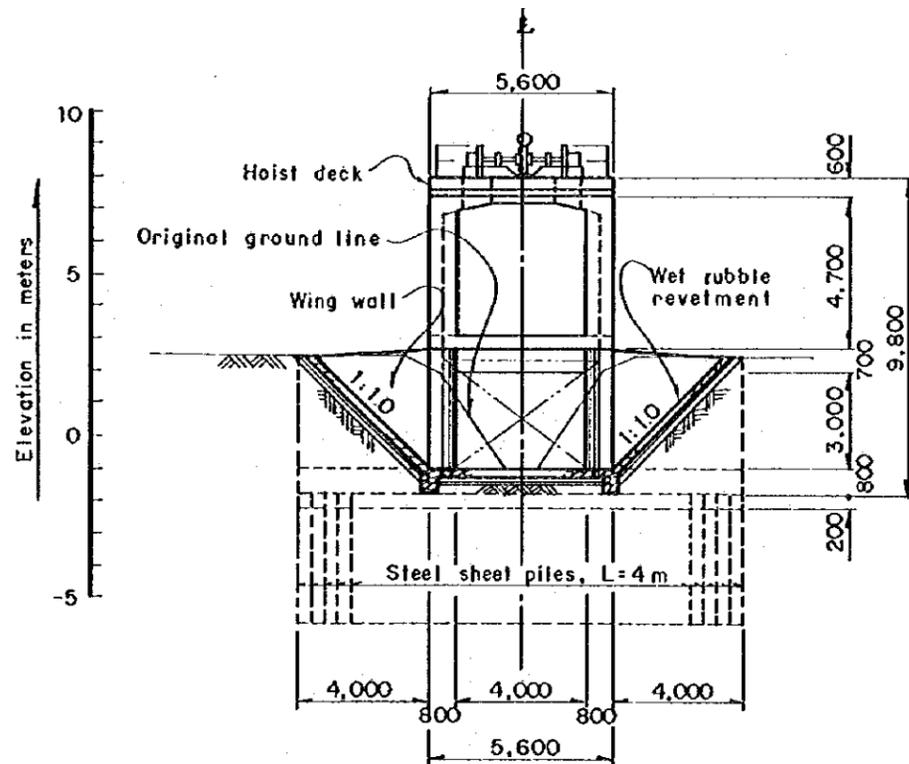
図 7.5-7 代替案3：ローアバナイ川の防潮水門
Fig.7.5-7 Alternative 3: Tidal Gate on Lower Panay River



PLAN



PROFILE



ELEVATION

SCALE 0 5 10m

图 7.5-8 代替案3：派川の防潮水門

Fig.7.5-8 Alternative 3 : Tidal Gate on Streams



Interconnection with Negros
 Power transfer through Submarine cable (AC130KV) becomes possible

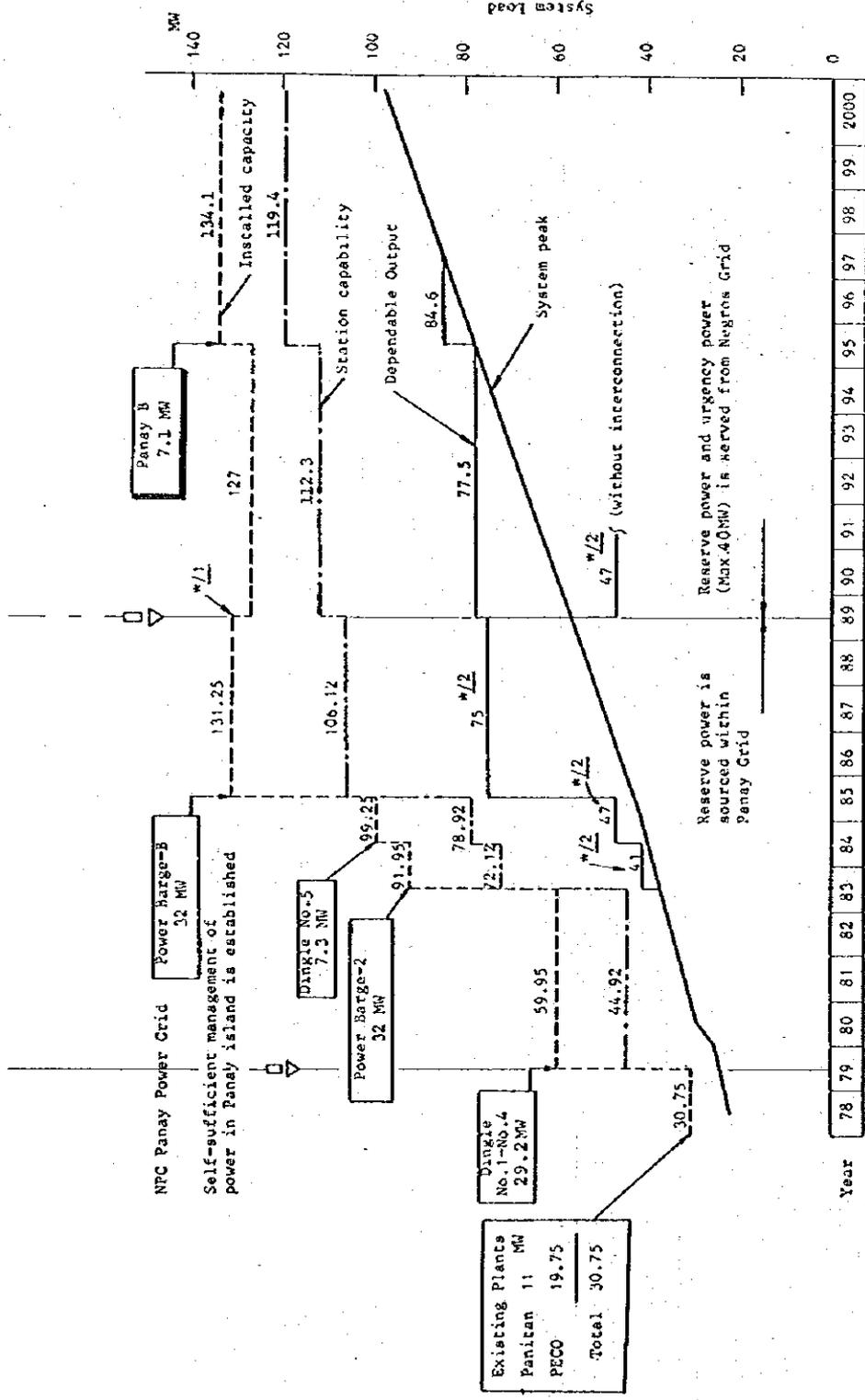
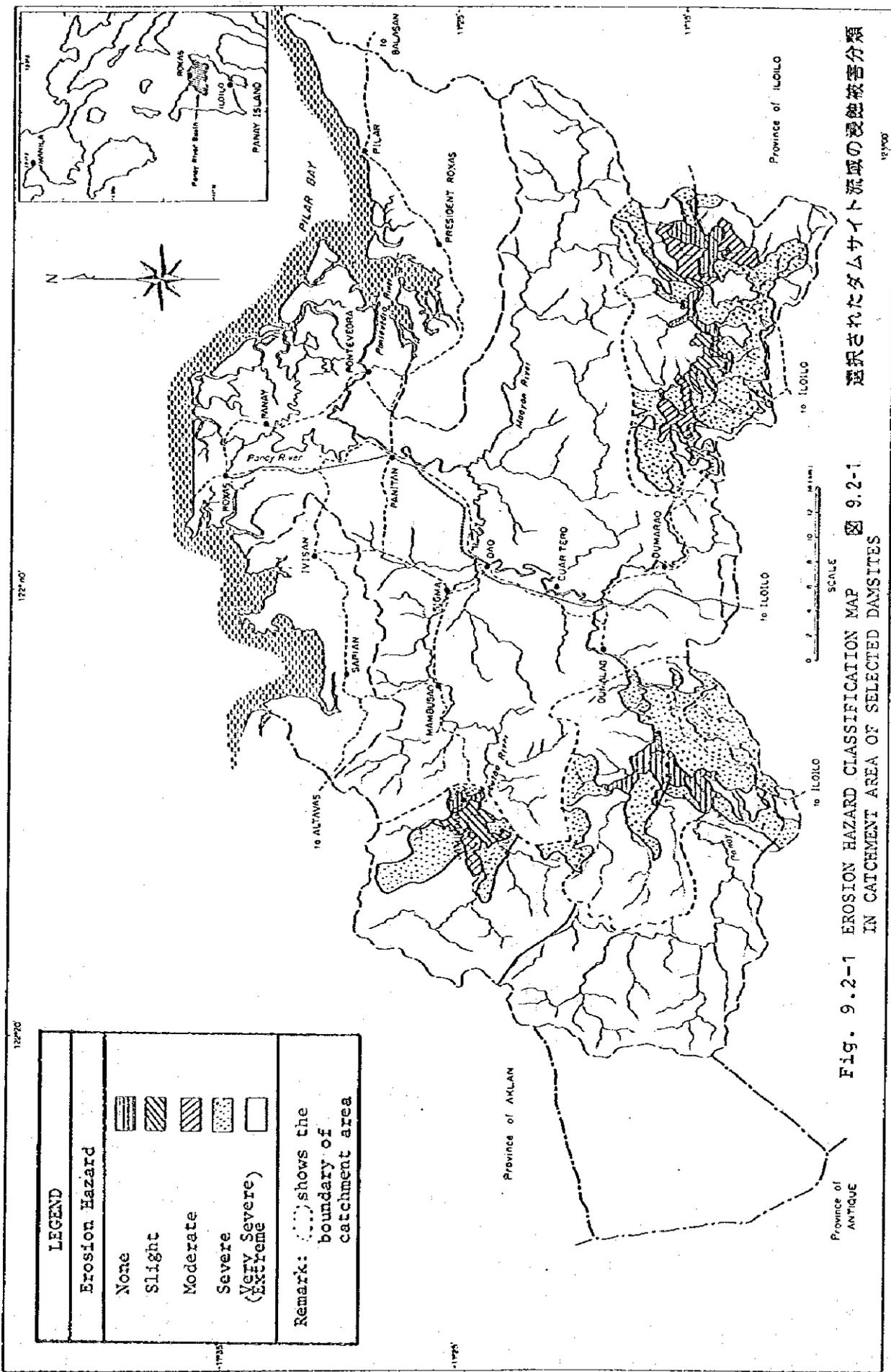


図 8.3-1 パナイ島内の発電所設置計画
 FIG. 8.3-1 PROPOSED INSTALLATION PROGRAM OF POWER PLANTS IN PANAY ISLAND

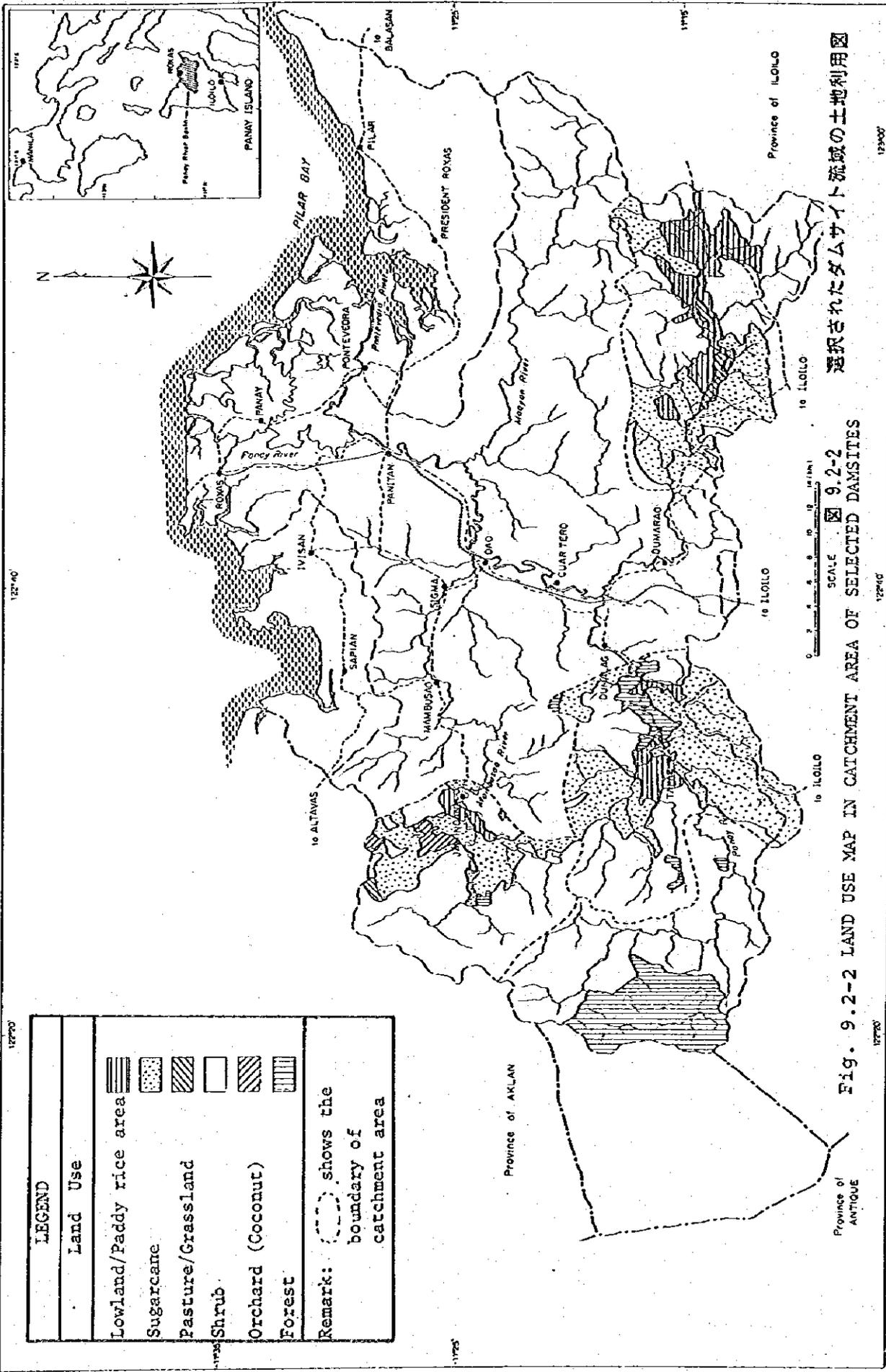
(Note) *1 : Pullout Power Barge-B -32MW
 Retire PECCO Diesel -19.75MW
 Interconnection +47.5MW
 *2 : Figure of present dependable output is based on the information from NPC



LEGEND	
Erosion Hazard	
None	
Slight	
Moderate	
Severe	
Very Severe (Extreme)	
Remark: shows the boundary of catchment area	

Fig. 9.2-1 EROSION HAZARD CLASSIFICATION MAP 図 9.2-1 選択されたダムサイト流域の浸蝕被害分類 IN CATCHMENT AREA OF SELECTED DAMSITES

1:10,000



LEGEND	
Land Use	
Lowland/Paddy rice area	[Horizontal lines pattern]
Sugarcane	[Dotted pattern]
Pasture/Grassland	[Diagonal lines pattern]
Shrub	[White/Blank pattern]
Orchard (Coconut)	[Vertical lines pattern]
Forest	[Cross-hatched pattern]
Remark: [Dashed line symbol] shows the boundary of catchment area	

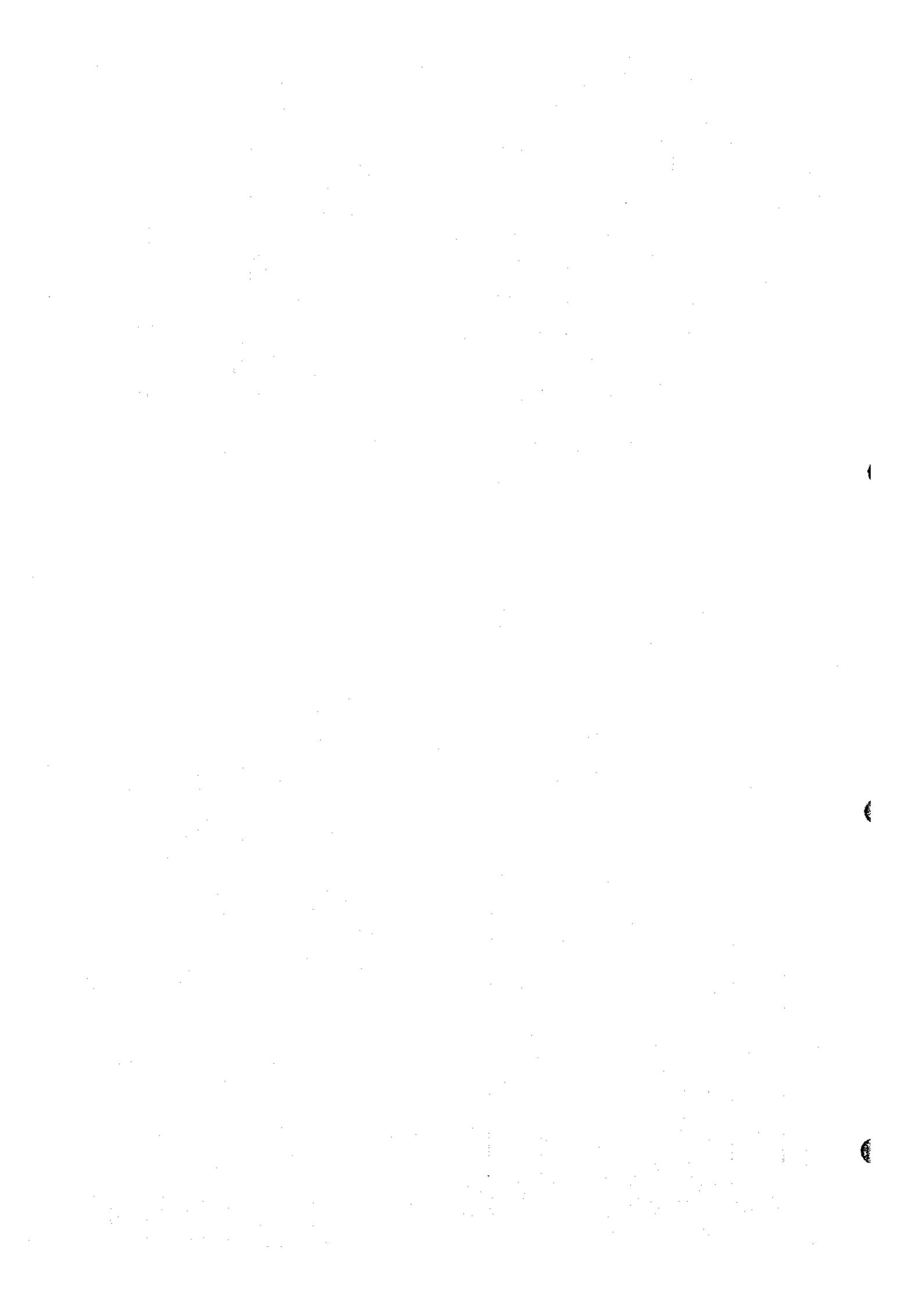
選定されたダムサイト流域の土地利用図

SCALE 9.2-2 LAND USE MAP IN CATCHMENT AREA OF SELECTED DAMSITES

123000

123000

123000



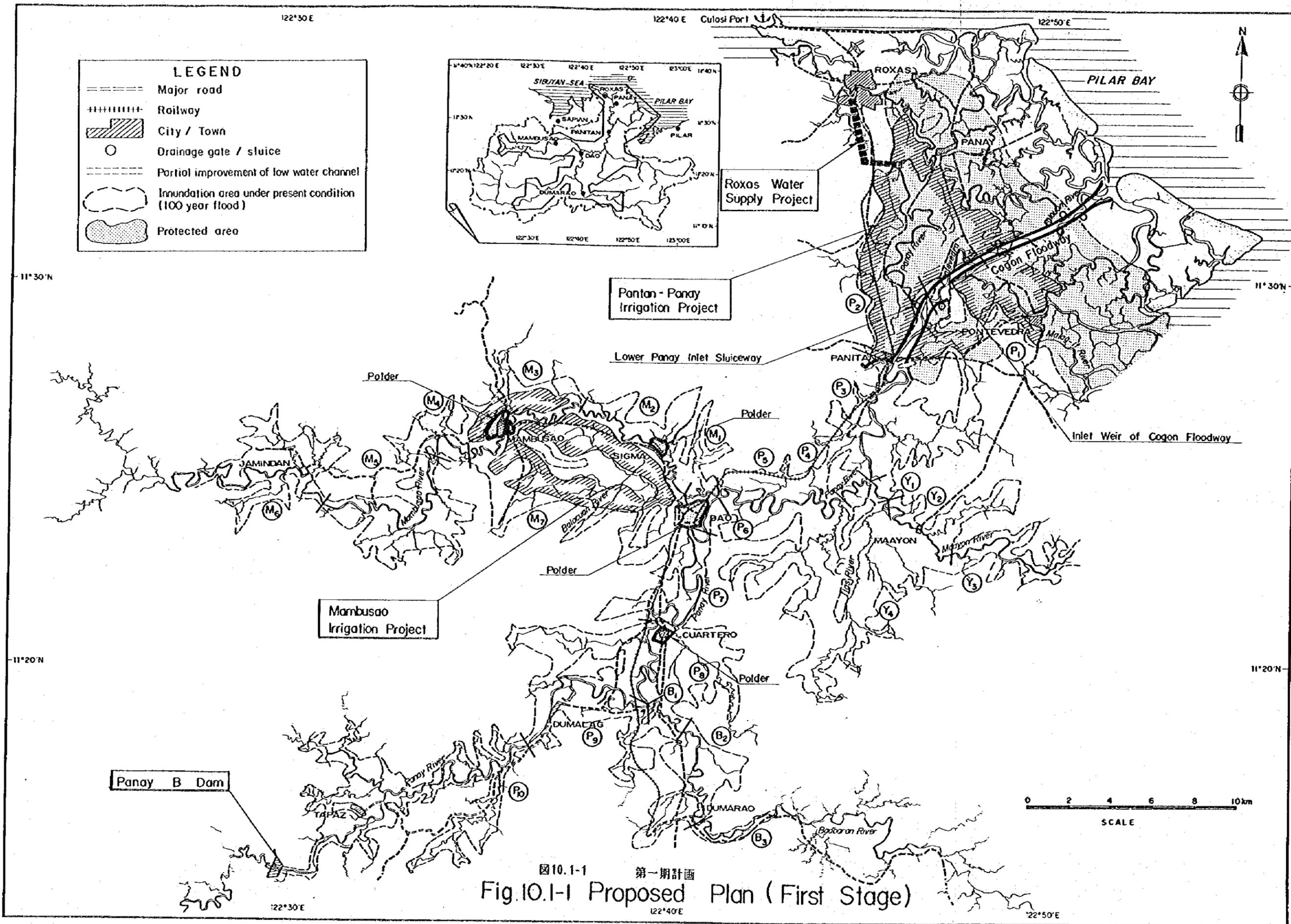
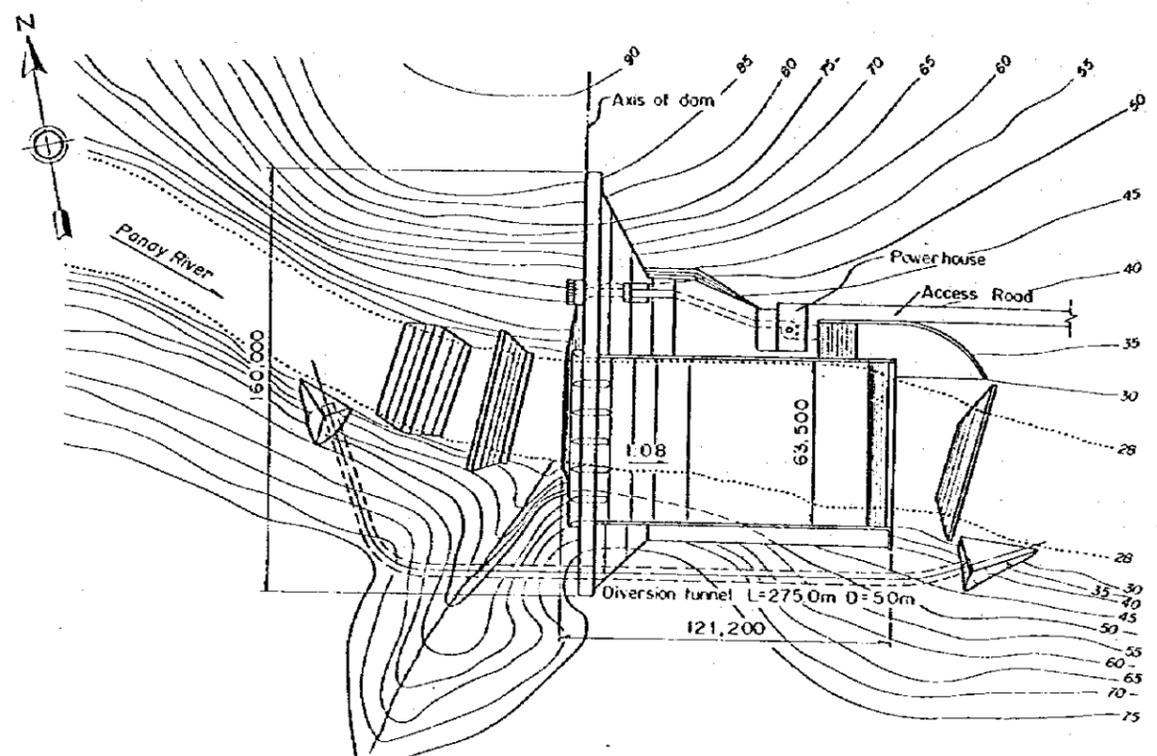
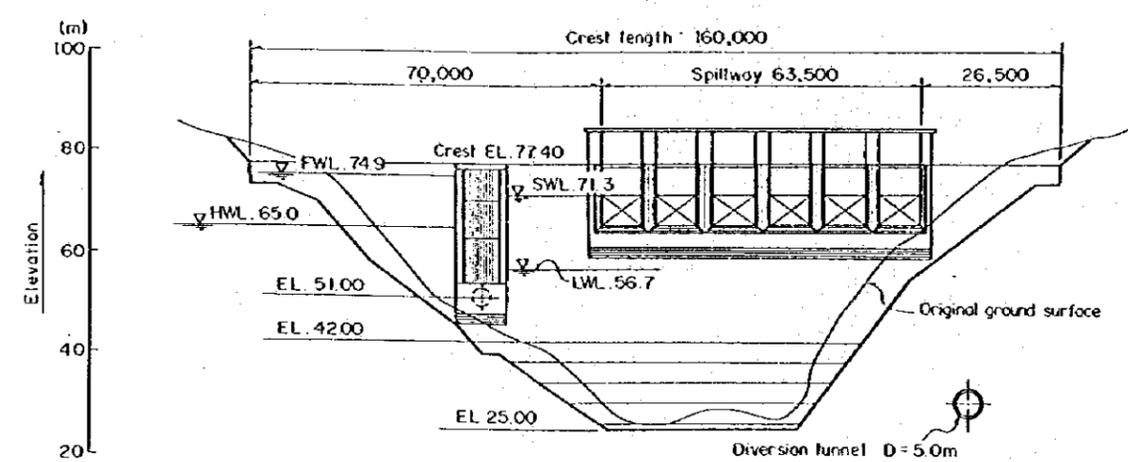


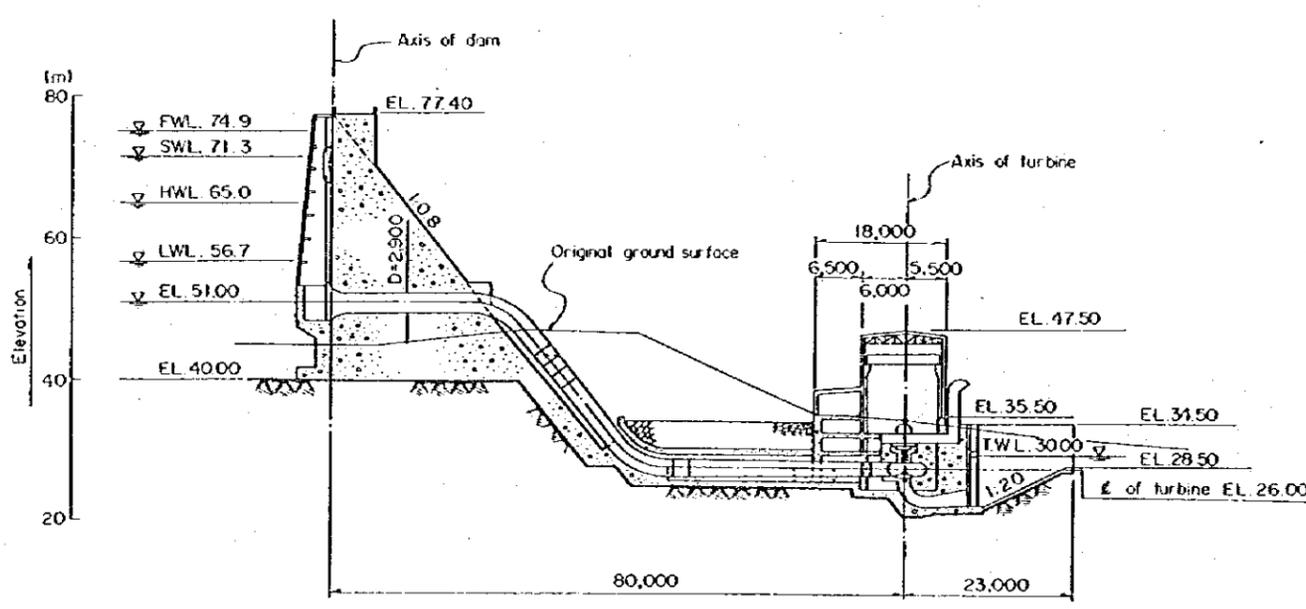
圖10.1-1 第一期計畫
 Fig.10.1-1 Proposed Plan (First Stage)



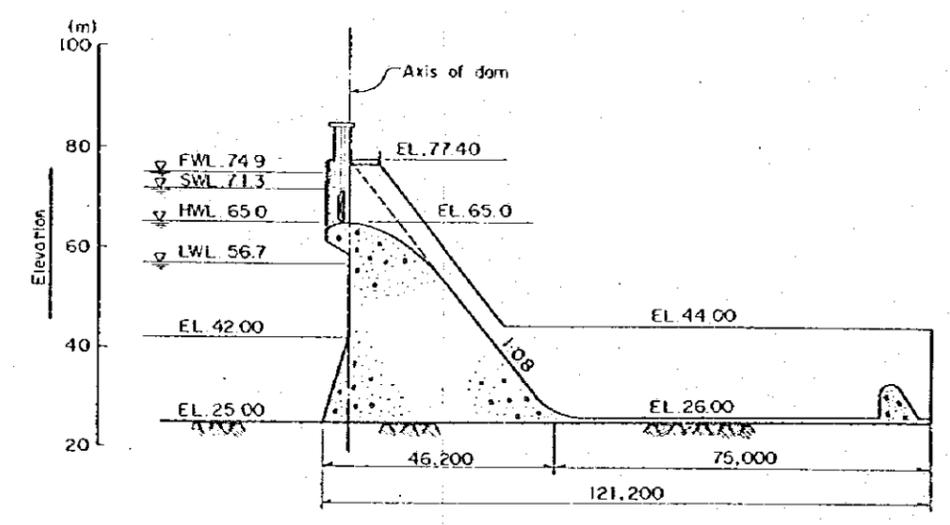
GENERAL PLAN SCALE A



VIEW FROM UPSTREAM SCALE B



WATERWAY AND POWERHOUSE SCALE C



TYPICAL SECTION OF DAM SCALE B

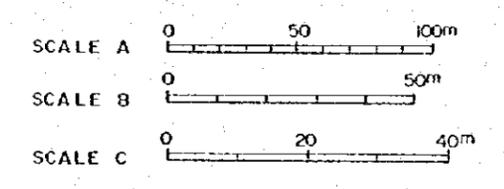
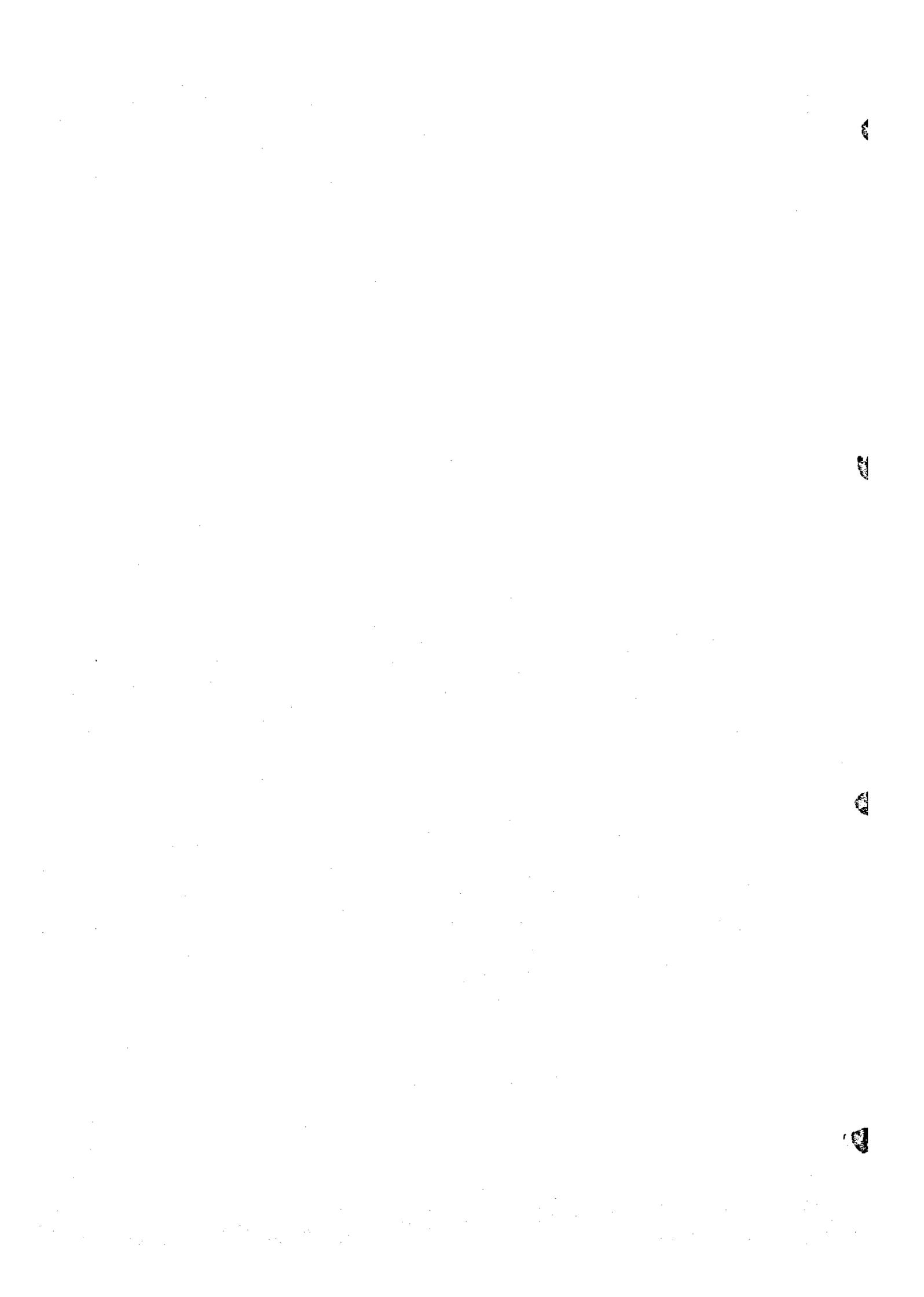


図10.1-2 パナイBダム計画
Fig10.1-2 PANAY B DAM SCHEME



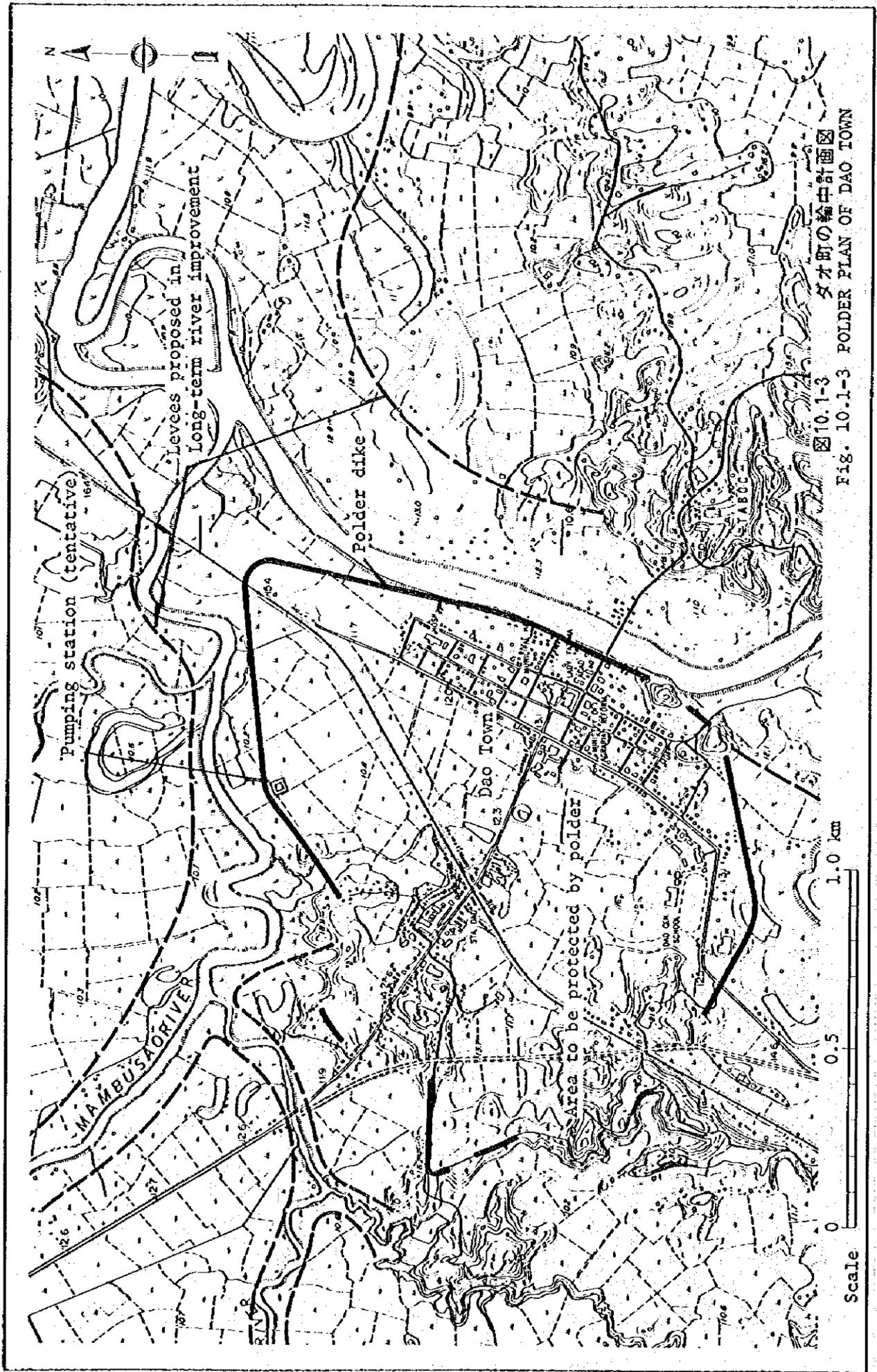


図 10.1-3 大才町の輪中計画図
 Fig. 10.1-3 FOLDER PLAN OF DAO TOWN

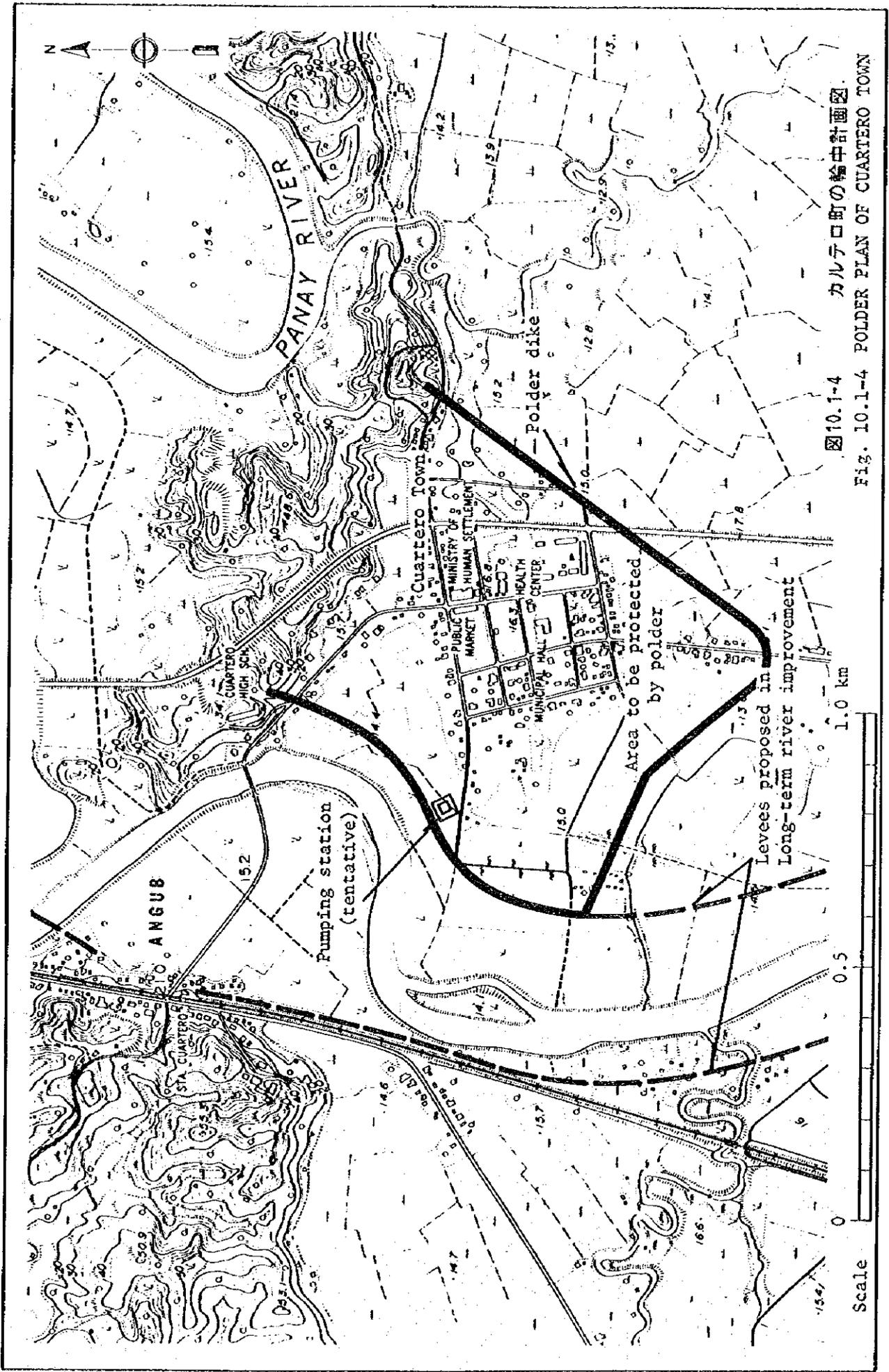
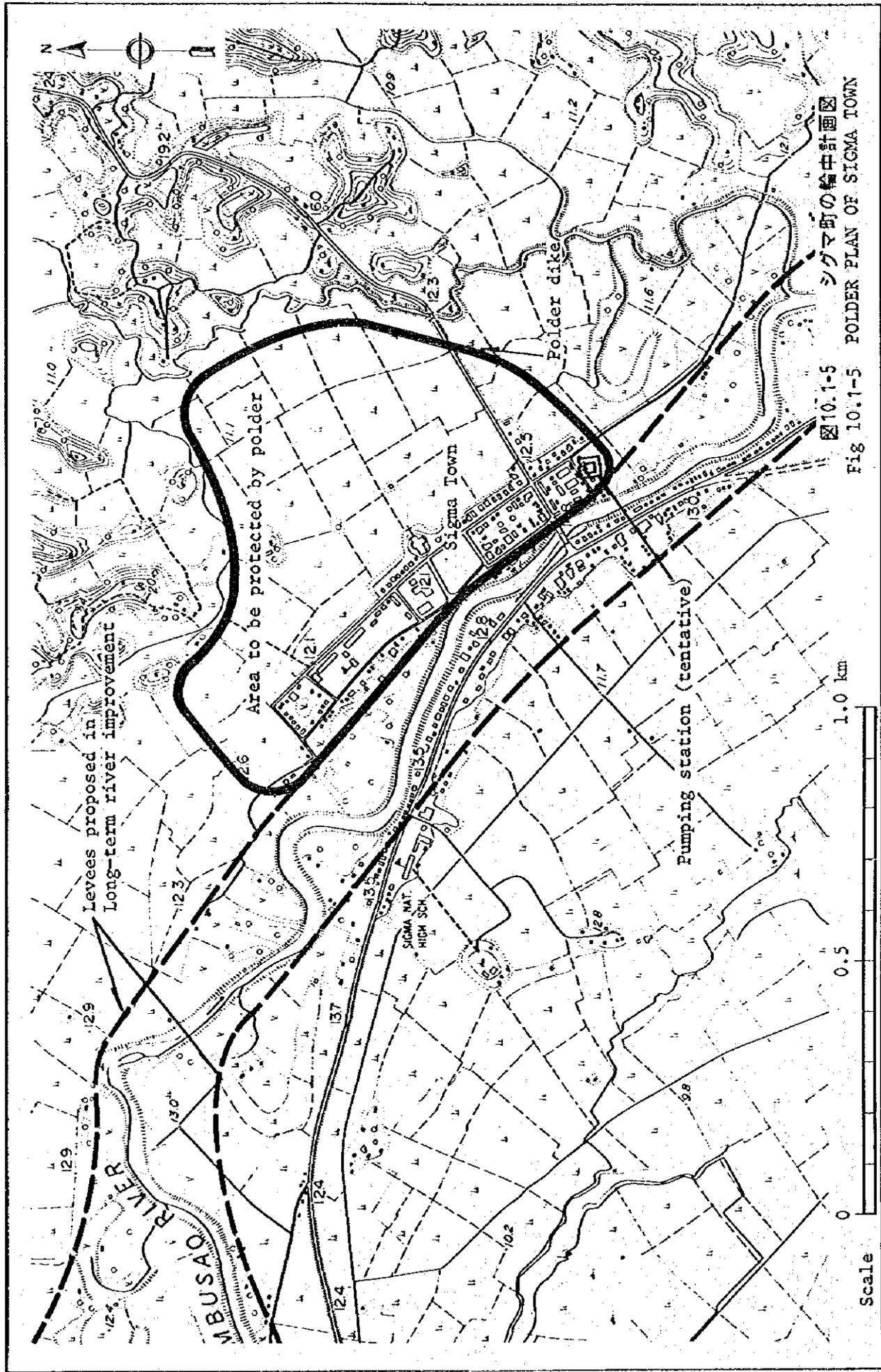
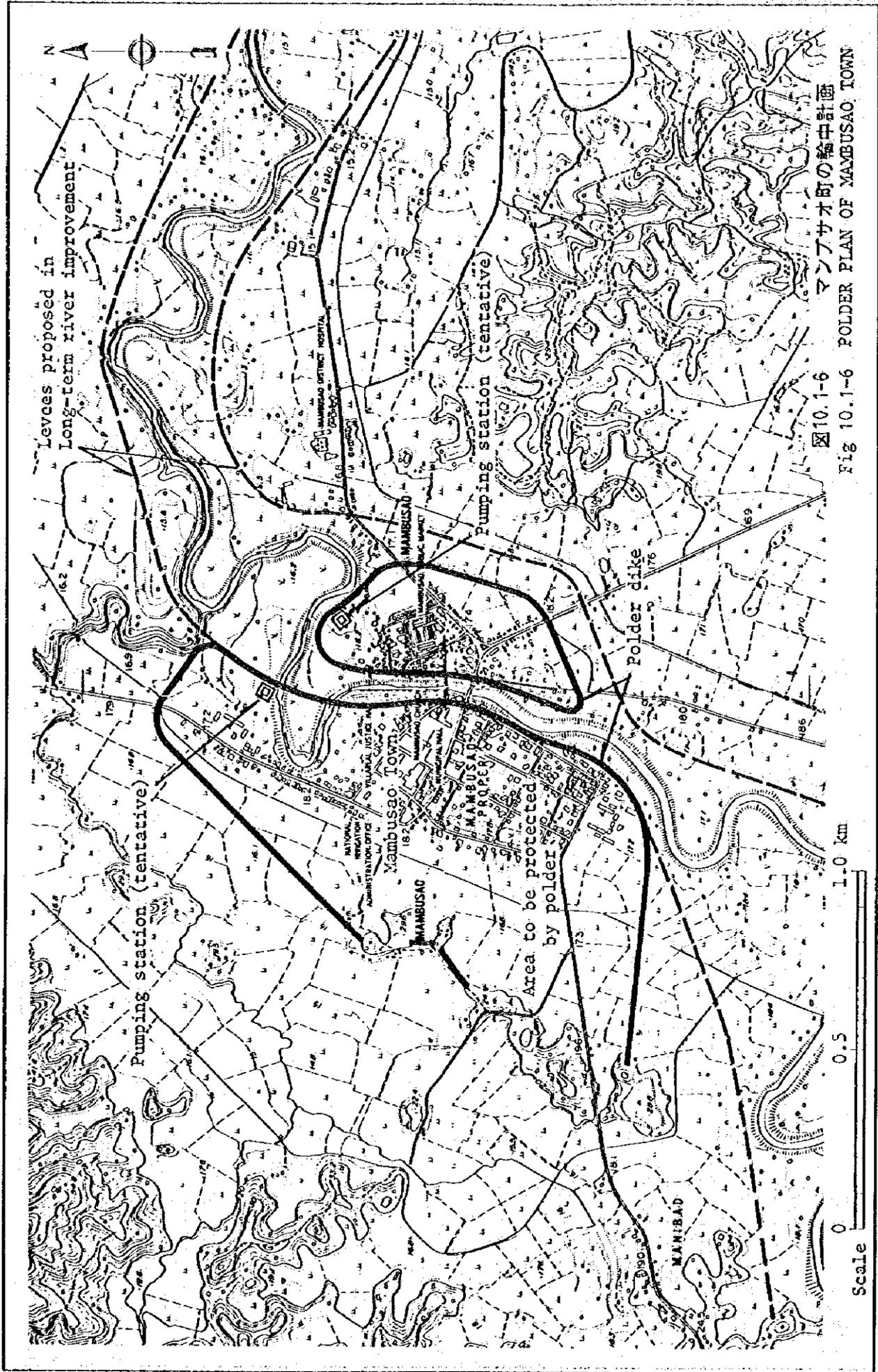


図10.1-4 カルテロ町の輪中計画図
 FIG. 10.1-4 POLDER PLAN OF CUARTERO TOWN





Levees proposed in
Long-term river improvement

Pumping station (tentative)

Pumping station (tentative)

Area to be protected
by polder

Polder dike

Fig 10.1-6 POLDER PLAN OF MAMBUSAO TOWN

マンブサオ町の輪中計画

1.0 km

0.5

Scale

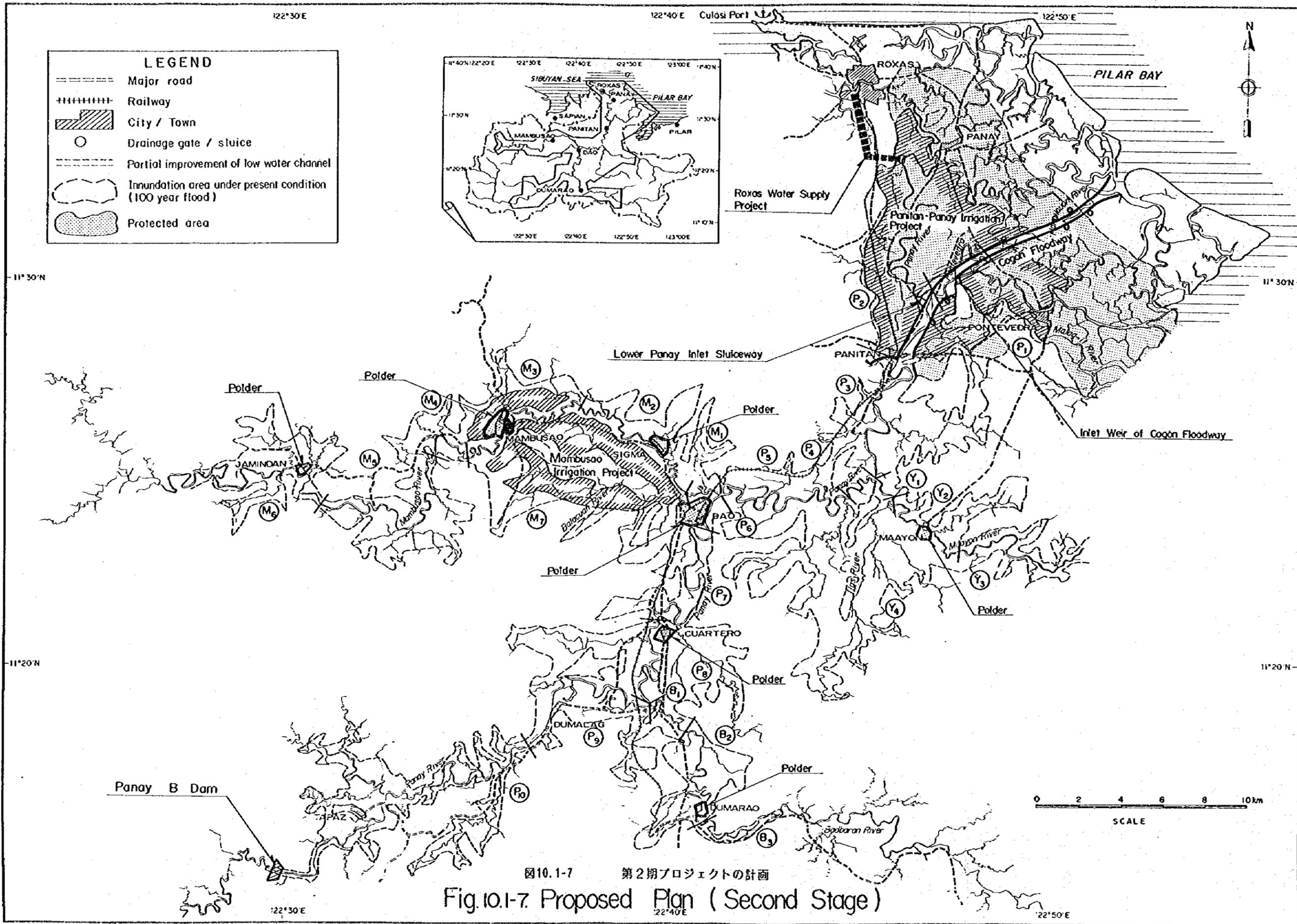
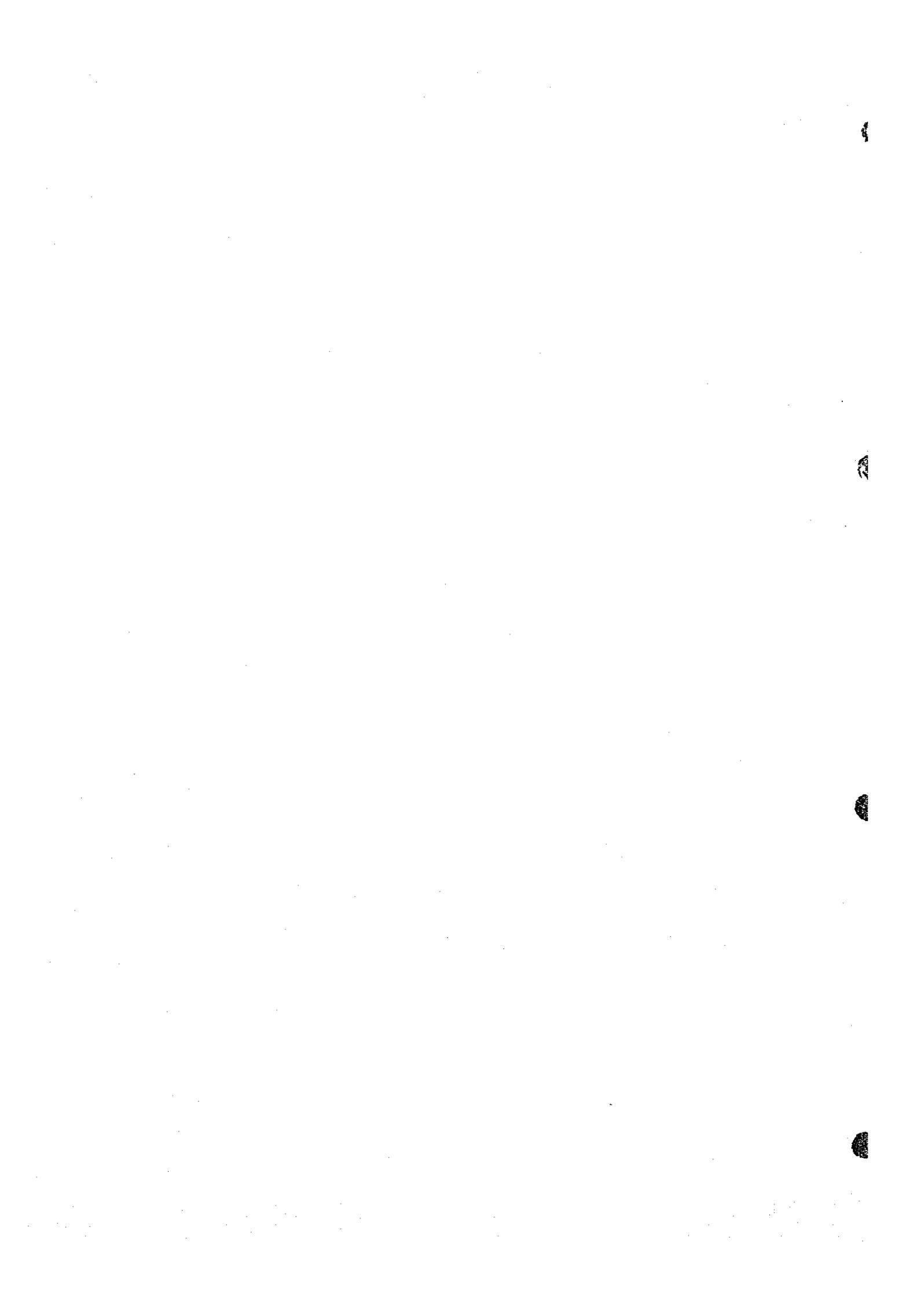


図10.1-7 第2期プロジェクトの計画

Fig.10.1-7. Proposed Plan (Second Stage)



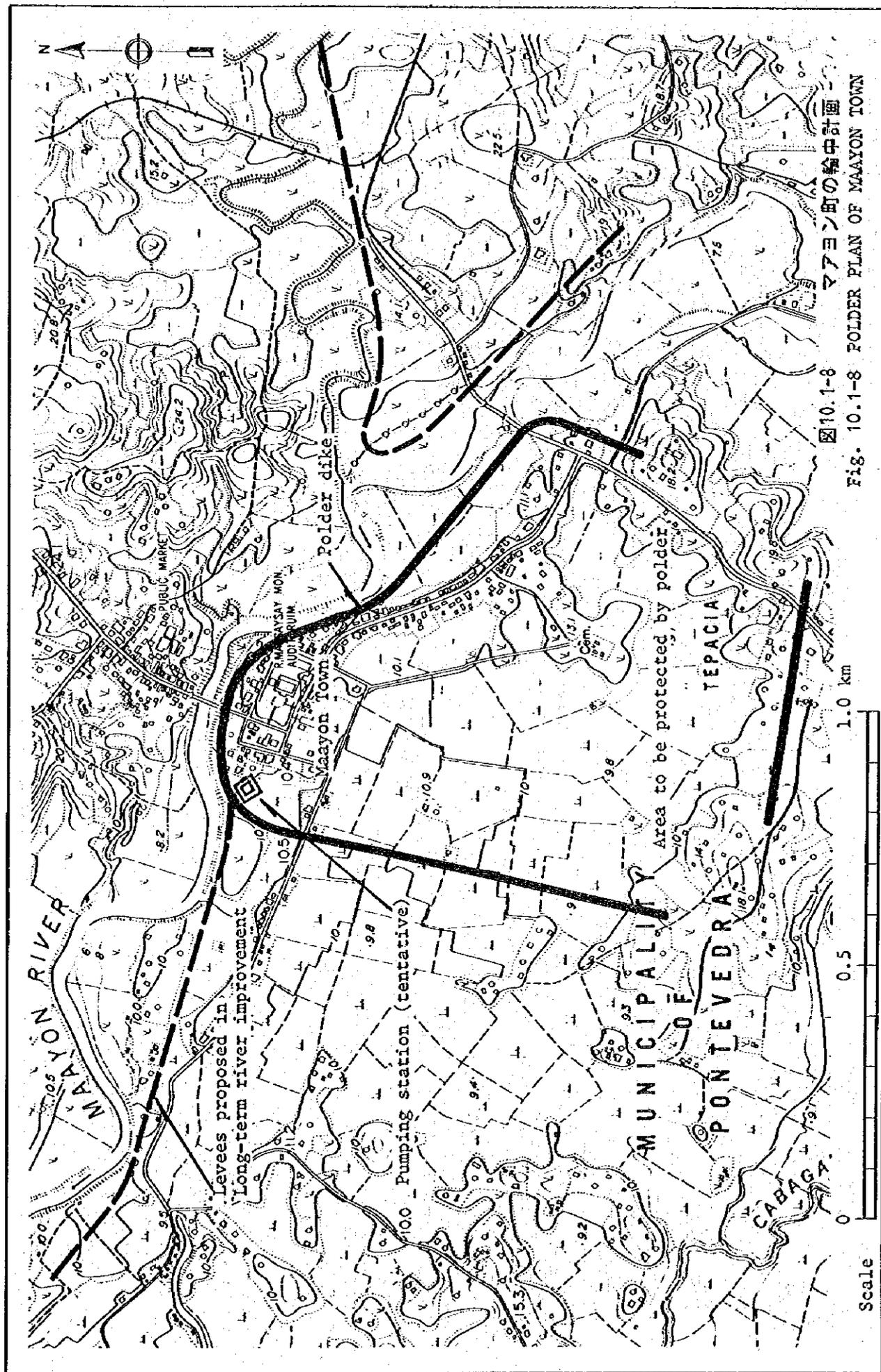
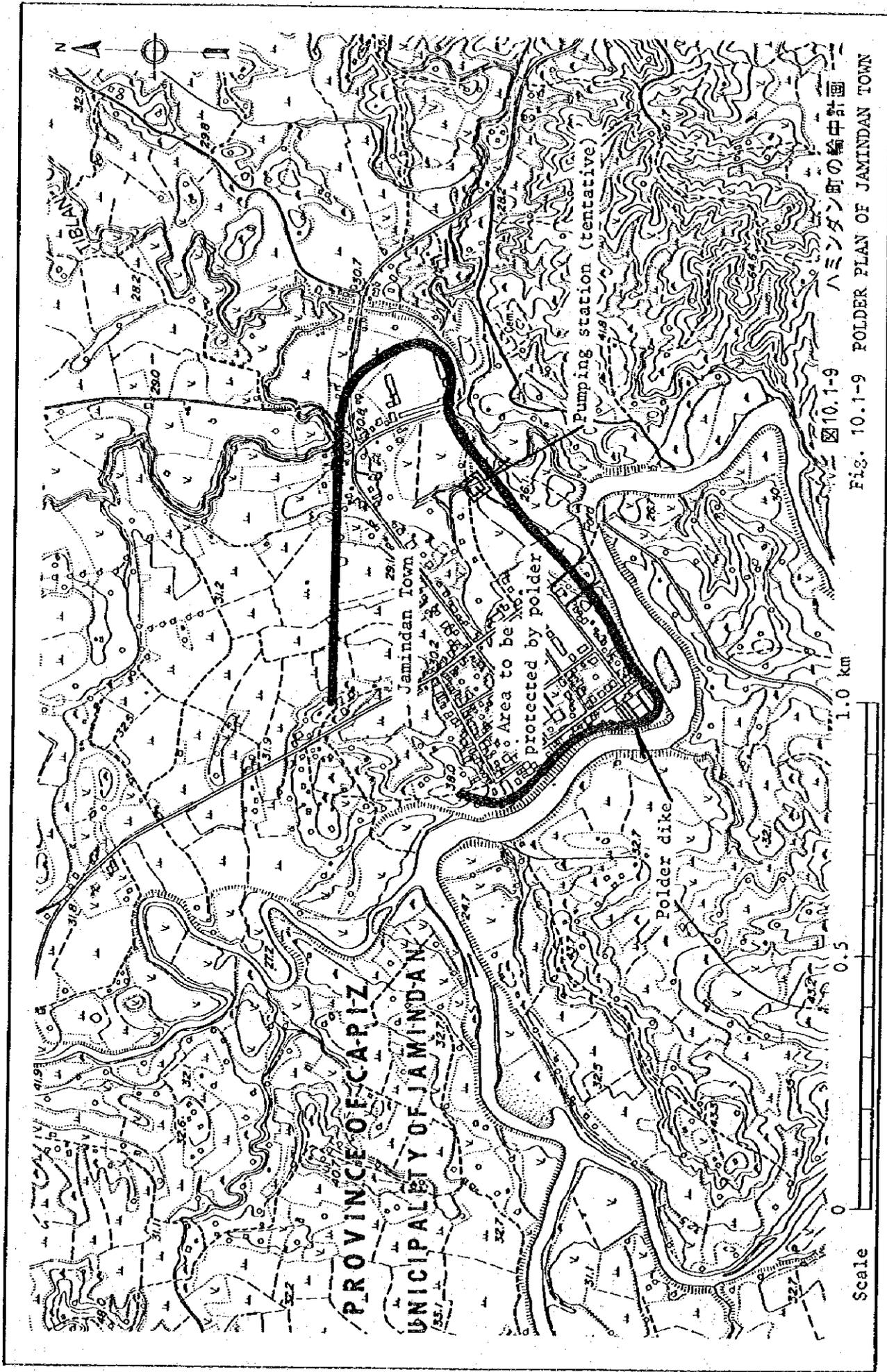
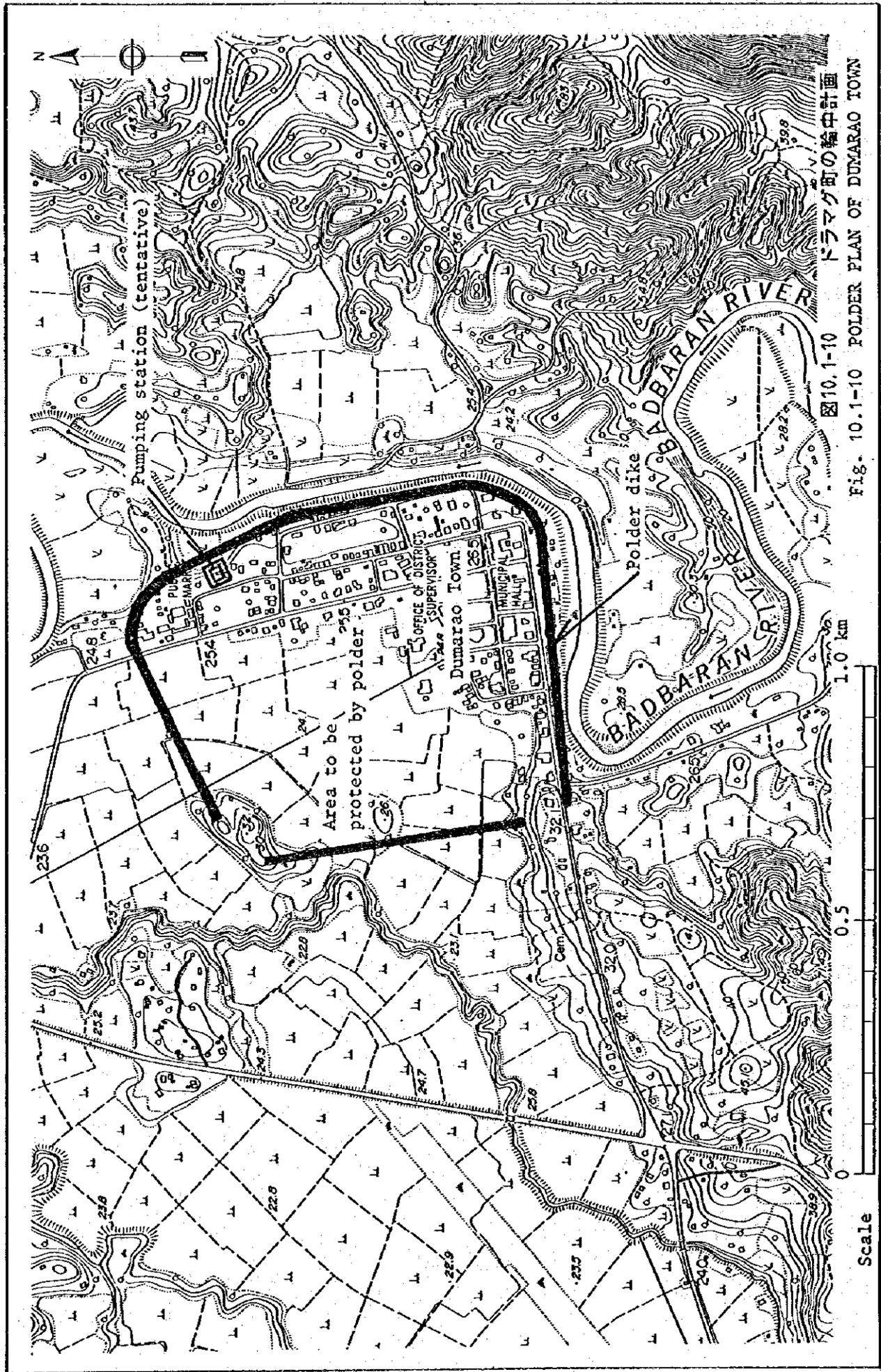


図10.1-8

マアヨン町の輪中計画
 FIG. 10.1-8 FOLDER PLAN OF MAAYON TOWN

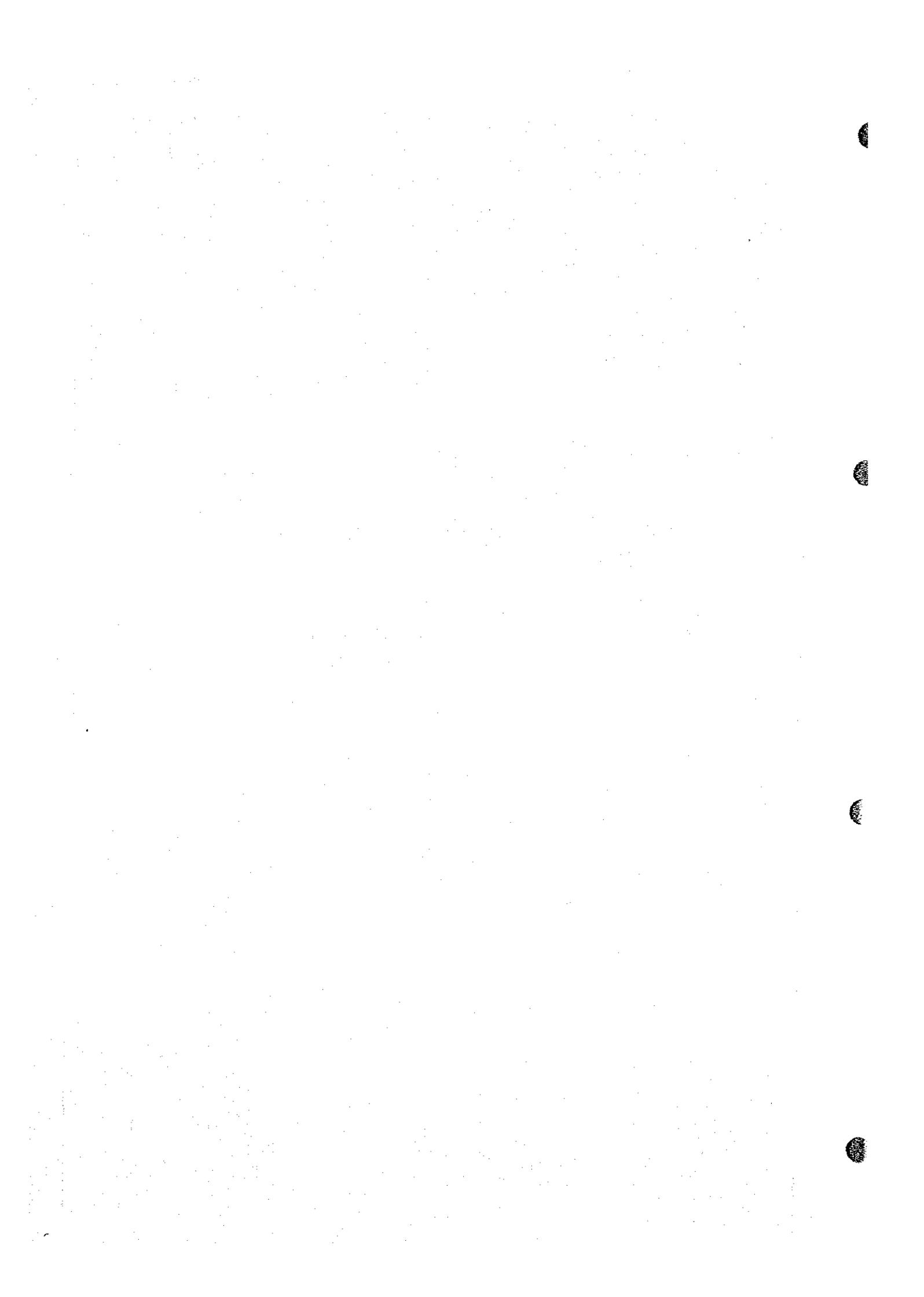


ハミندان町の輪中計画 図10.1-9
Fig. 10.1-9 FOLDER PLAN OF JAMINDAN TOWN



ドラマグ町の輪中計画 図10.1-10

Fig. 10.1-10 POLDER PLAN OF DUMARAO TOWN



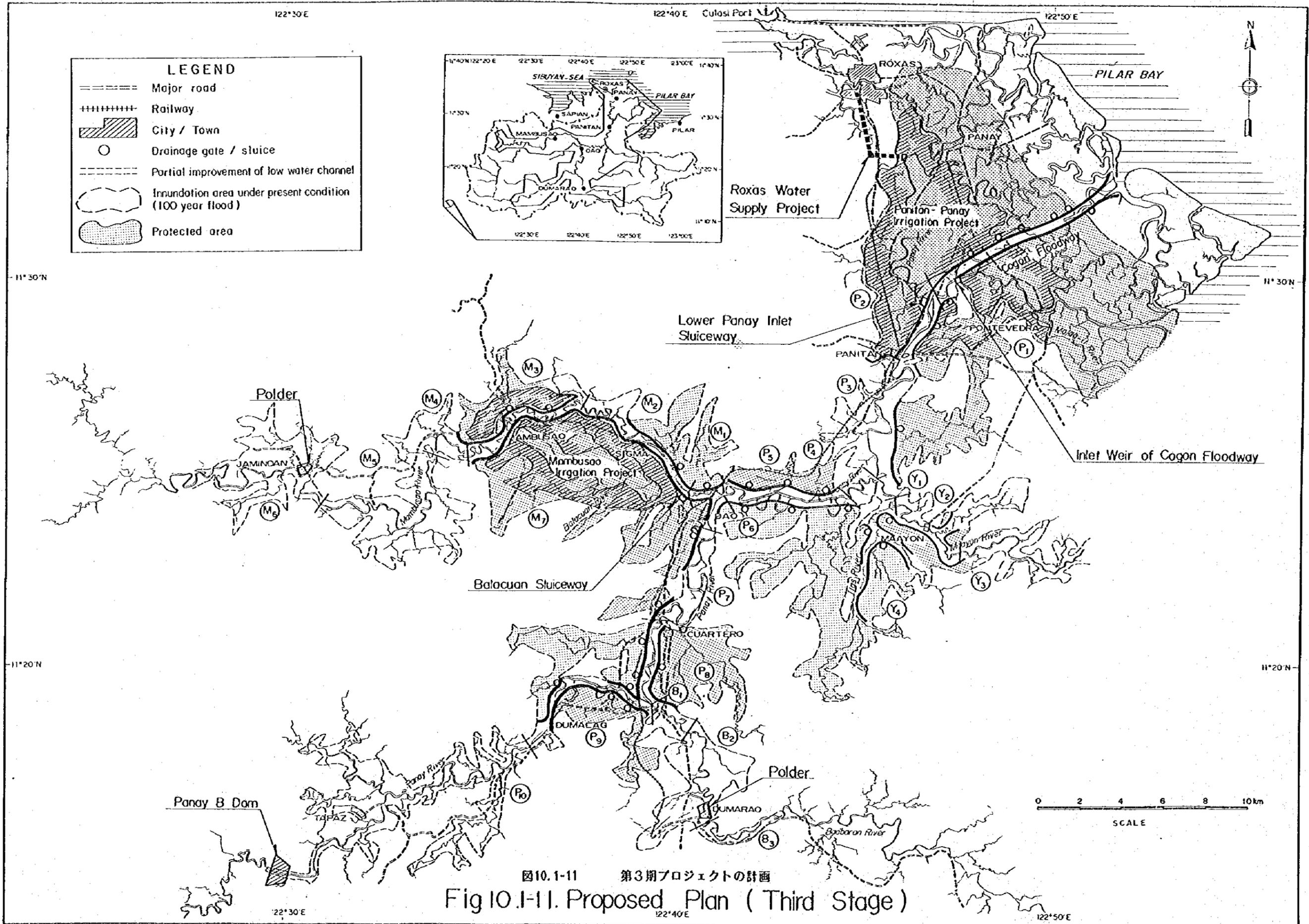


図10.1-11 第3期プロジェクトの計画

Fig 10.1-11. Proposed Plan (Third Stage)

Fig. 10.2-1 IMPLEMENTATION OF PROPOSED PROJECTS MASTER SCHEDULE

PROJECT	CONST. Δ COST (P x 10 ⁶)	Short-term Program														Long-term Program					
		84	85	86	87	88	89	90	91	92	93	94	95	96	97 00	2001	2010	2011	2020	2021	2030
BASIN-WIDE FLOOD CONTROL STUDY		[Feasibility study]																			
FLOOD CONTROL PROJECT																					
First Stage Project																					
- River improvement work (I)	589		[FN]	[Detailed design]		[FN]	[Detailed design]	[TC]	[Prep.]												
- Polder - Dao	55					[FN]	[Detailed design]	[TC]	[Prep.]												
- Polder - Cuartero	59						[FN]	[Detailed design]	[TC]	[Prep.]											
- Polder - Sigma	42						[FN]	[Detailed design]	[TC]	[Prep.]											
- Polder - Mambusao	78					[FN]	[Detailed design]	[TC]	[Prep.]												
Second Stage Project																					
- River improvement work (II)	440																	[FN]	[TC]	[Prep.]	
- Polder - Maayon	49													[FN]	[Detailed design]	[TC]	[Prep.]				
- Polder - Jamindan	39													[FN]	[Detailed design]	[TC]	[Prep.]				
- Polder - Dumarao	58																	[FN]	[TC]	[Prep.]	
Third Stage Project																					
- River improvement work (III)	3,486																			[FN]	[TC]
Non-structural Measures	51			[Feasibility study]				[FN]	[Detailed design]	[TC]	[Prep.]									[FN]	[TC]
Flood Forecasting and Warning System	84			[Feasibility study]				[FN]	[Detailed design]	[TC]	[Prep.]									[FN]	[TC]
MULTIPURPOSE DAM PROJECT																					
Panay B Dam	471			[Feasibility study]				[FN]	[Detailed design]	[TC & Prep.]	[Prep.]										
IRRIGATION PROJECT																					
Panitan - Panay Scheme	183							[FN]	[Detailed design]	[TC]	[Prep.]										
Mambusao Scheme	79							[FN]	[Detailed design]	[TC]	[Prep.]										
WATER SUPPLY PROJECT																					
Roxas-WD Water Supply Project	56			[FN]	[TC]	[Prep.]															

Notes; [Feasibility study]

[Detailed design]

[Construction]

FN: Financing

TC: Tender and Contract

Prep.: Preparatory works incl. land acquisition

Δ 1984 base price



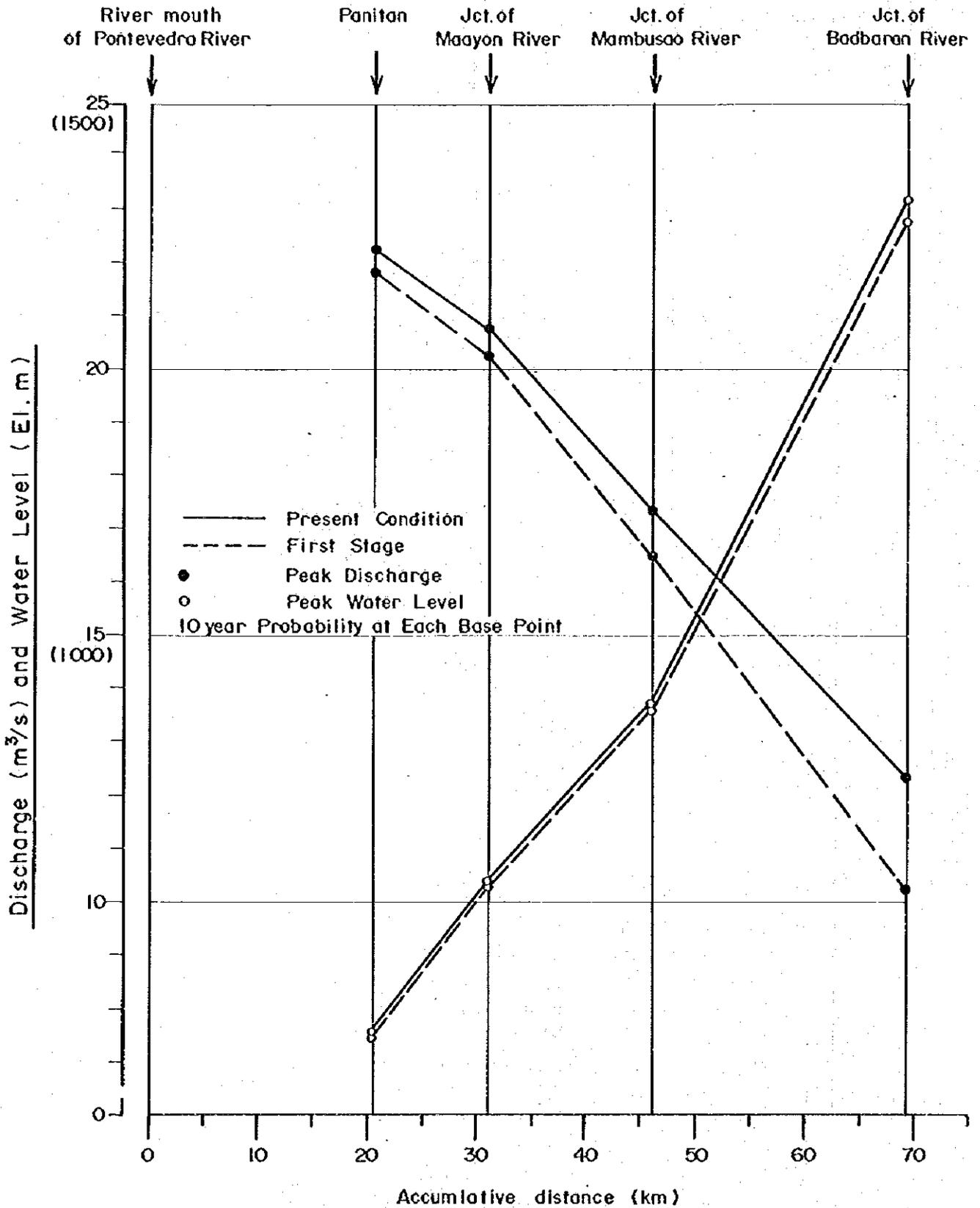


図10.4-1 第1期洪水防御計画の流量・水位への効果 (10年洪水)

Fig. 10.4 -1 EFFECT OF FIRST STAGE FLOOD CONTROL PLAN ON DISCHARGE AND WATER LEVEL (10yr Flood)

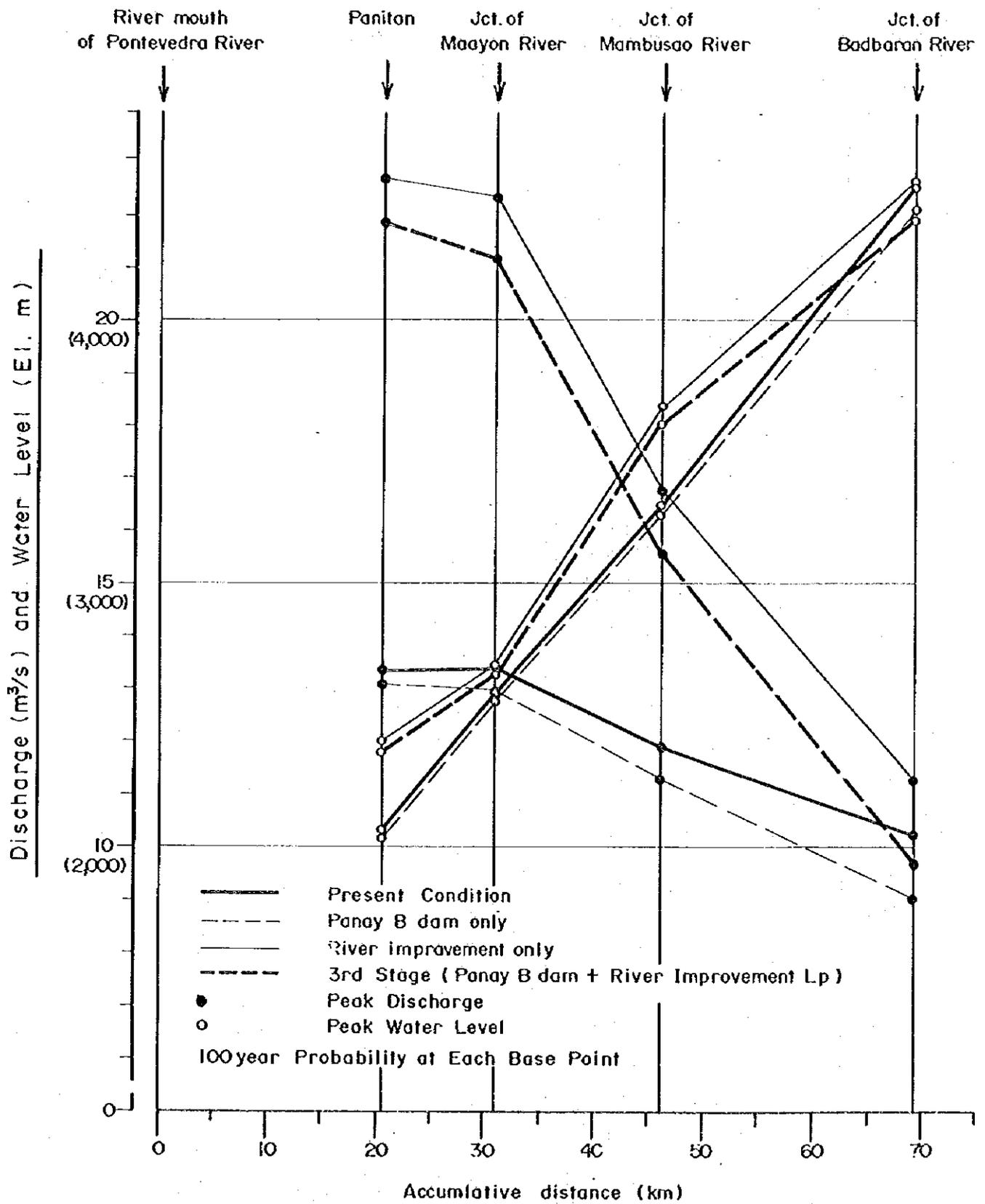


図10.4-2 第3期洪水防御計画の流量め水位への効果 (100年洪水)
 Fig.10,4-2 EFFECT OF THIRD STAGE FLOOD CONTROL PLAN ON DISCHARGE AND WATER LEVEL (100yr Flood)

