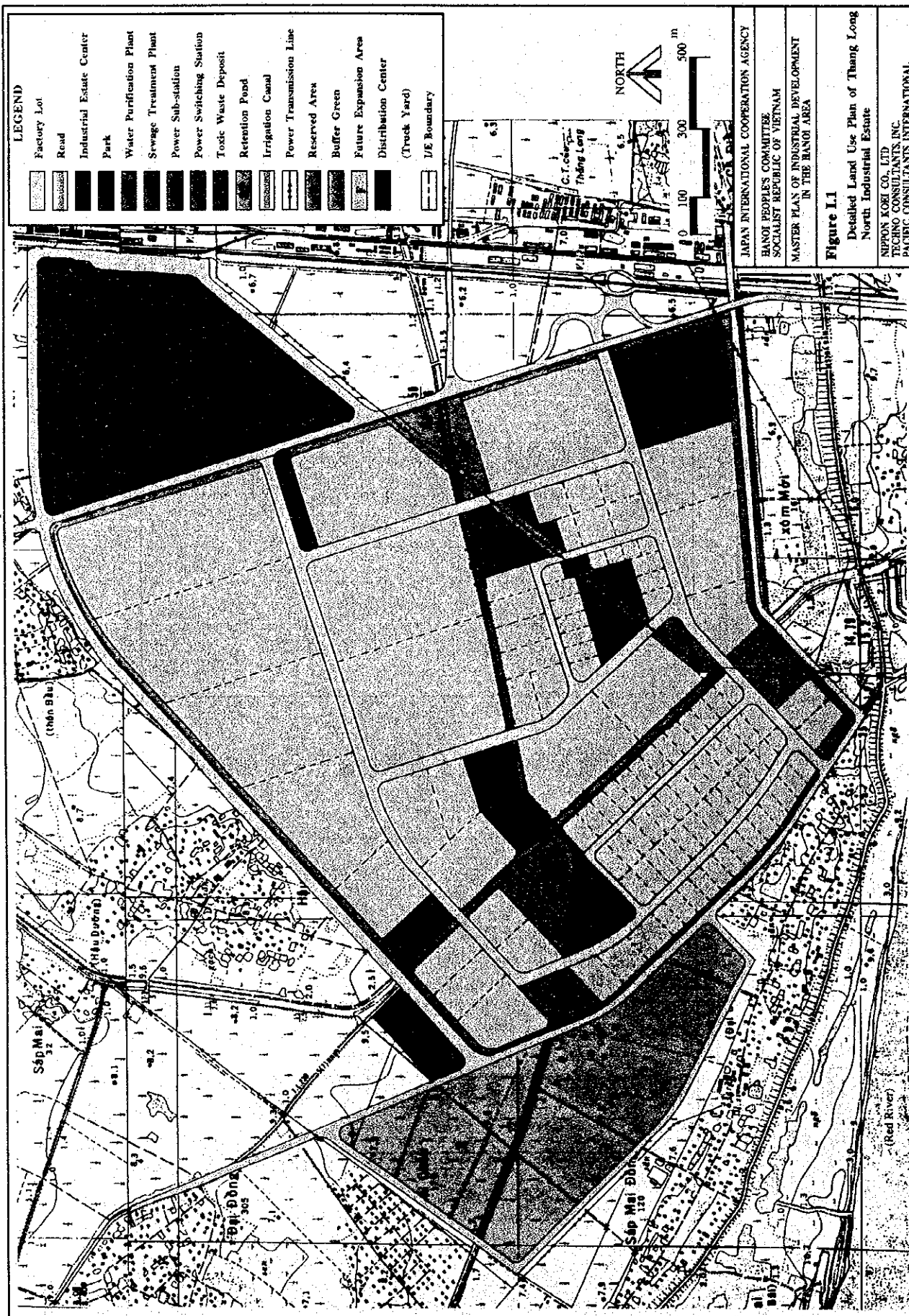


to Noi Bai Airport



Thang Long Bridge

JAPAN INTERNATIONAL COOPERATION AGENCY
 HANOI PEOPLE'S COMMITTEE
 SOCIALIST REPUBLIC OF VIETNAM
 MASTER PLAN OF INDUSTRIAL DEVELOPMENT
 IN THE HANOI AREA

Figure 1.1
 Detailed Land Use Plan of Thang Long
 North Industrial Estate

NIPPON KORI CO. LTD.
 TECHNICAL CONSULTANTS INC.
 PACIFIC CONSULTANTS INTERNATIONAL

RESULTS OF BORING TEST (POINT - A)

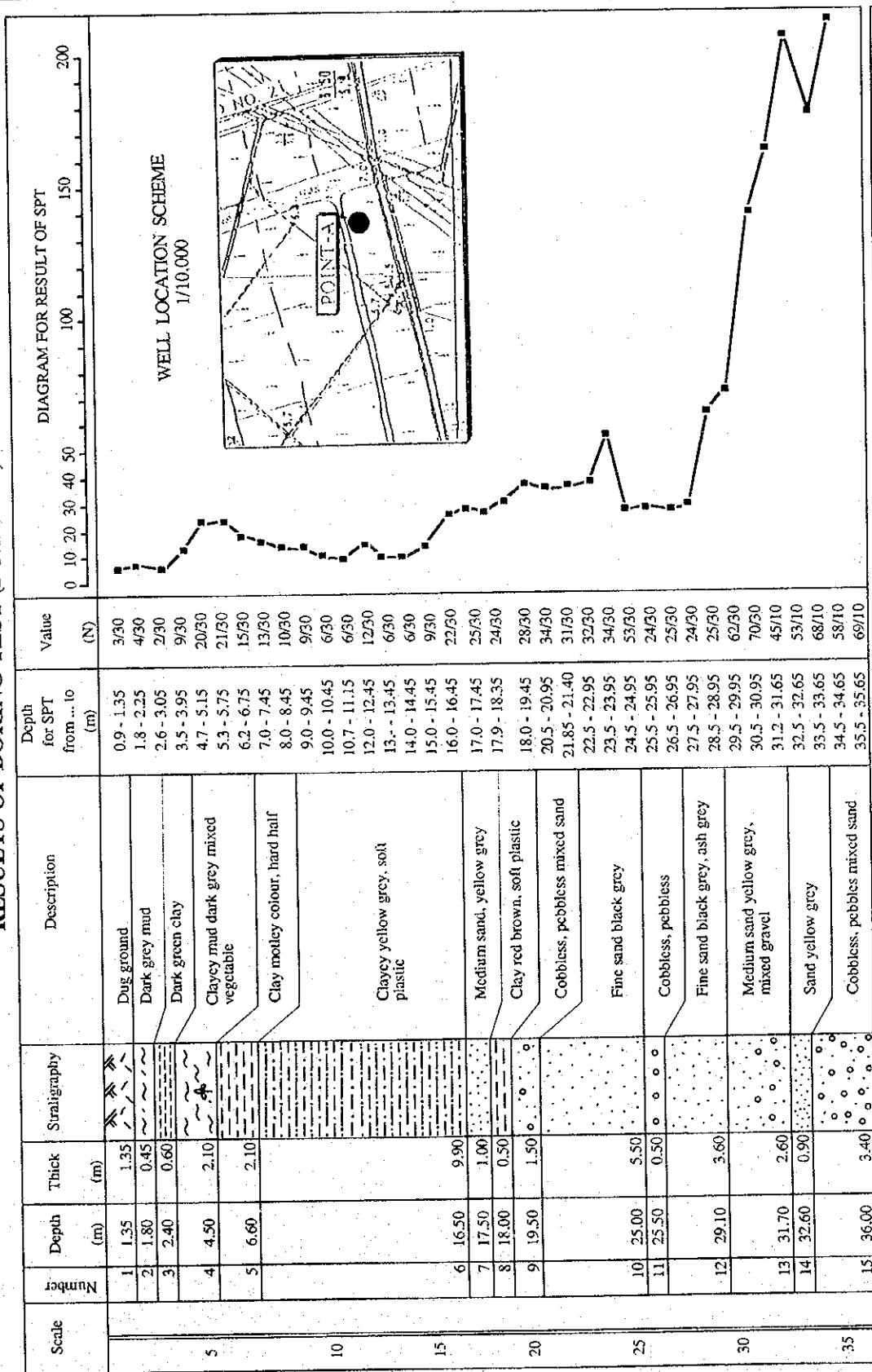
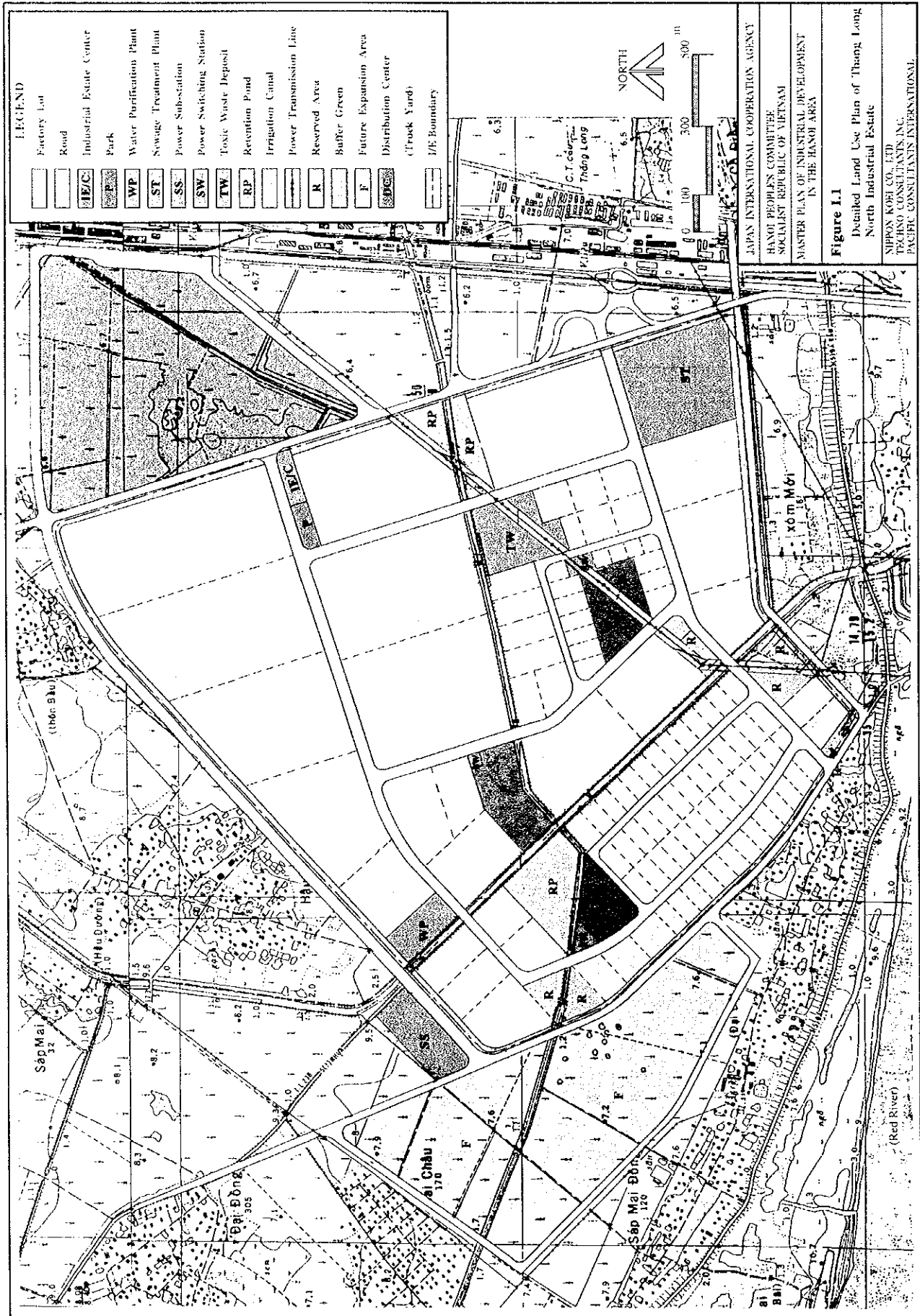


Figure 1.2	SOCIALIST REPUBLIC OF VIETNAM	
	MASTER PLAN OF INDUSTRIAL	
	DEVELOPMENT IN THE HANOI AREA	
	JAPAN INTERNATIONAL COOPERATION AGENCY	
	Results of Boring Test	
	POINT - A	



RESULTS OF BORING TEST (POINT - B)

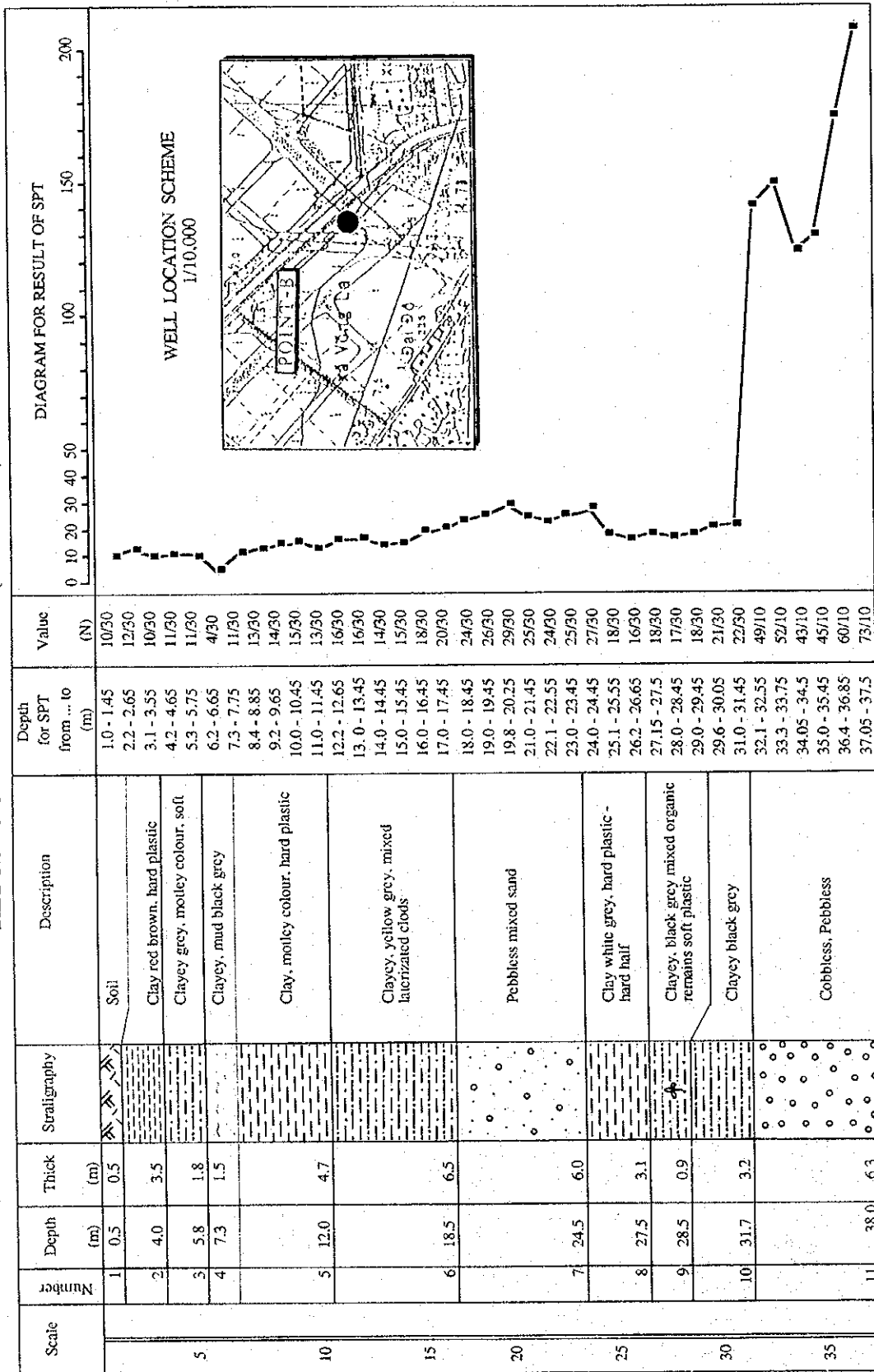
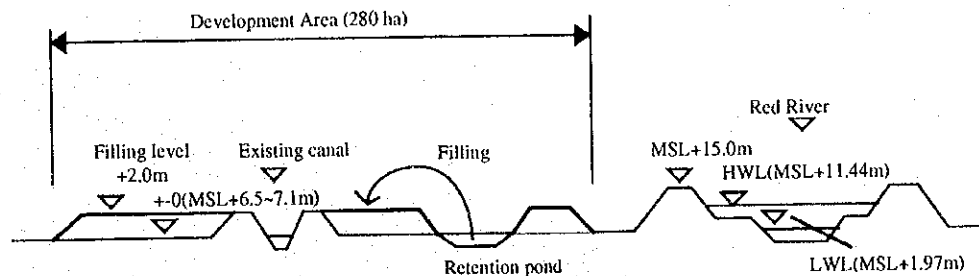


Figure 1.3

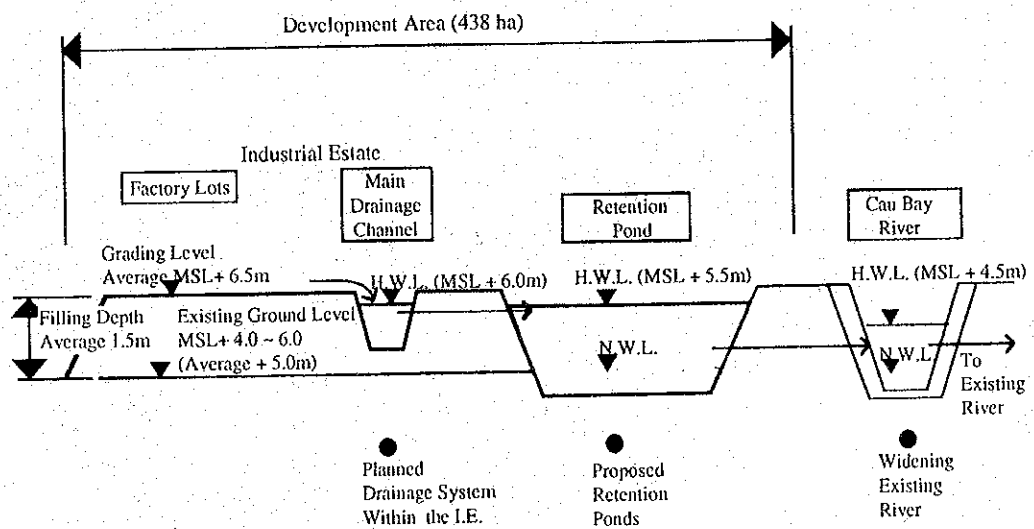
SOCIALIST REPUBLIC OF VIETNAM
MASTER PLAN OF INDUSTRIAL
DEVELOPMENT IN THE HANOI AREA
JAPAN INTERNATIONAL COOPERATION AGENCY

Results of Boring Test
POINT - B



* Water level is monthly average water level of Red River

Schematic Cross Section (Thang Long North I.E.)



Schematic Cross Section (Gia Lam I.E.)

JAPAN INTERNATIONAL COOPERATION AGENCY
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 SOCIALIST REPUBLIC OF VIETNAM
 MASTER PLAN OF INDUSTRIAL DEVELOPMENT
 IN THE HANOI AREA
 Figure I.4 Land Grading Plan of Thang
 Long North and Gia Lam Industrial Estate
 NIPPON KOEI CO., LTD
 TECHNO CONSULTANTS, INC.
 PACIFIC CONSULTANT INTERNATIONALS

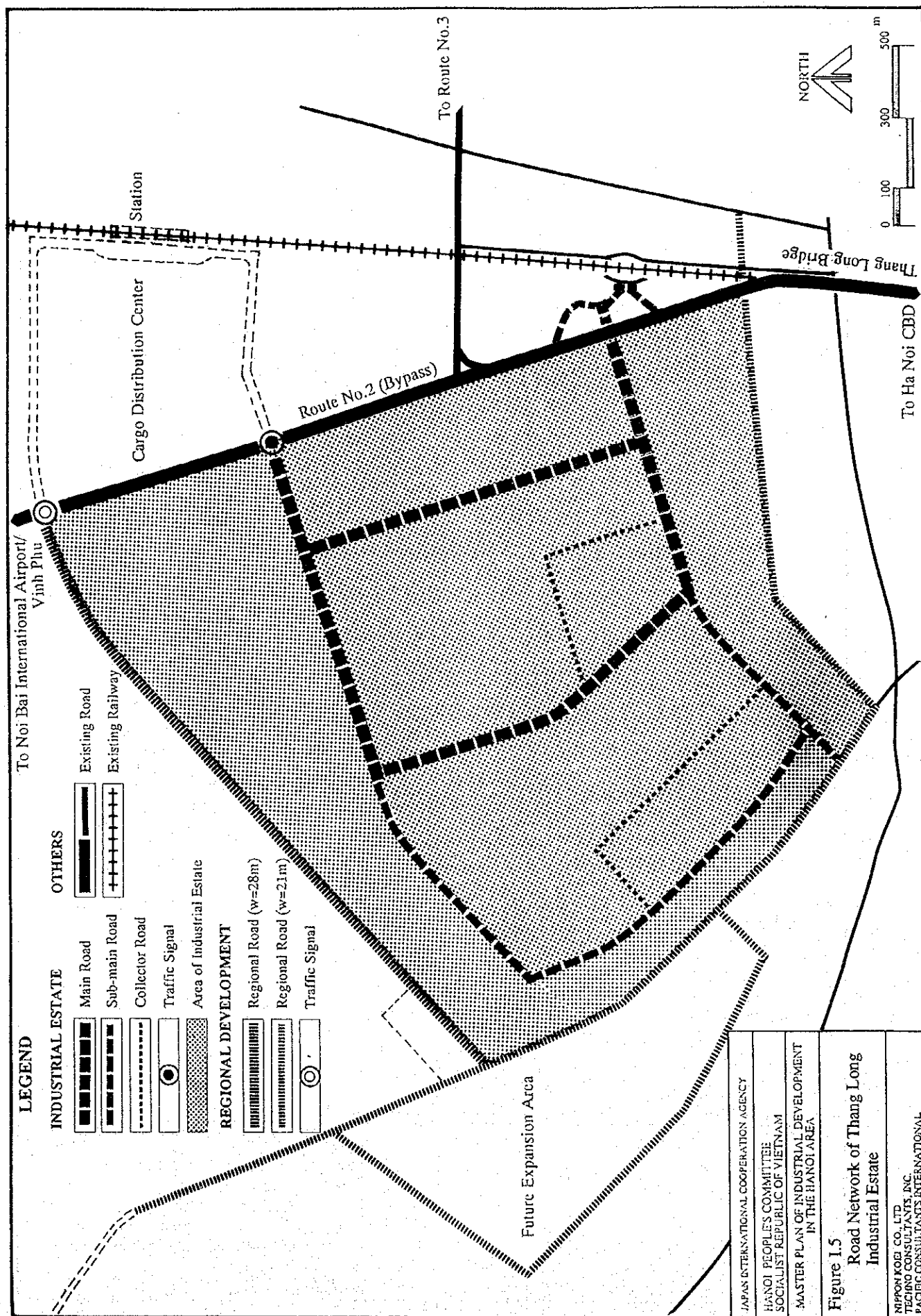


Figure 1.5
Road Network of Thang Long
Industrial Estate

JAPAN INTERNATIONAL COOPERATION AGENCY

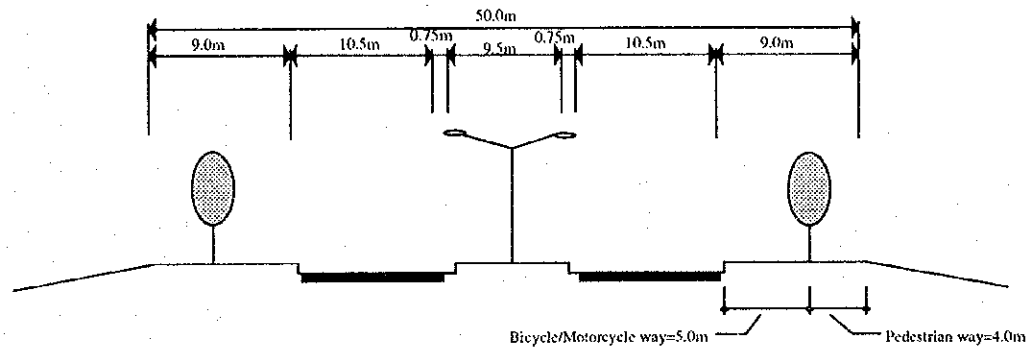
HANOI PEOPLES COMMITTEE

SOCIALIST REPUBLIC OF VIETNAM

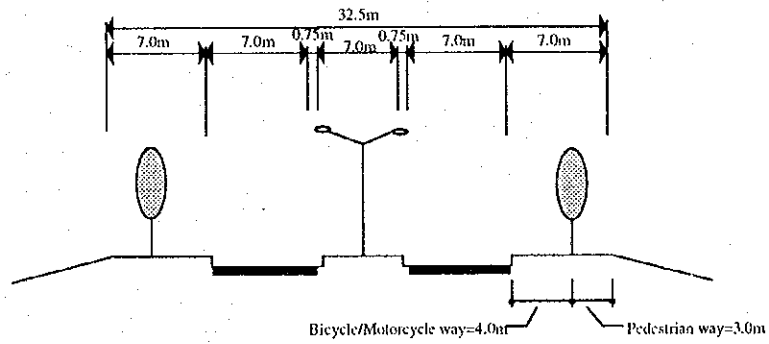
MASTER PLAN OF INDUSTRIAL DEVELOPMENT
IN THE HANOI AREA

NIPPON KOEI CO., LTD.
TECHING CONSULTANTS, INC.
PACIFIC CONSULTANTS INTERNATIONAL

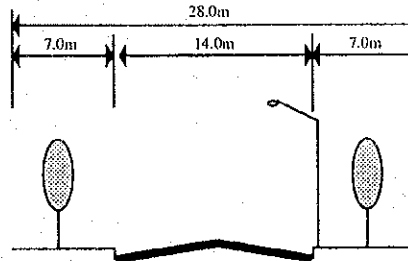
Ring Road : 6 lanes with a median stripe and wide pedestrian / bicycle ways,
ROW : 50 meters



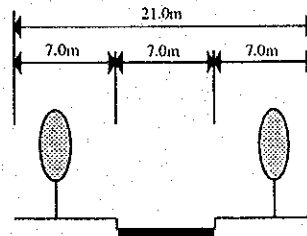
Main Road : 4 lanes with a median stripe and wide pedestrian / bicycle ways,
ROW : 32.5 meters



Sub-main Road : 4 lanes with wide pedestrian ways, ROW : 28 meters



Collector Road : 2 lanes with pedestrian ways, ROW : 21 meters

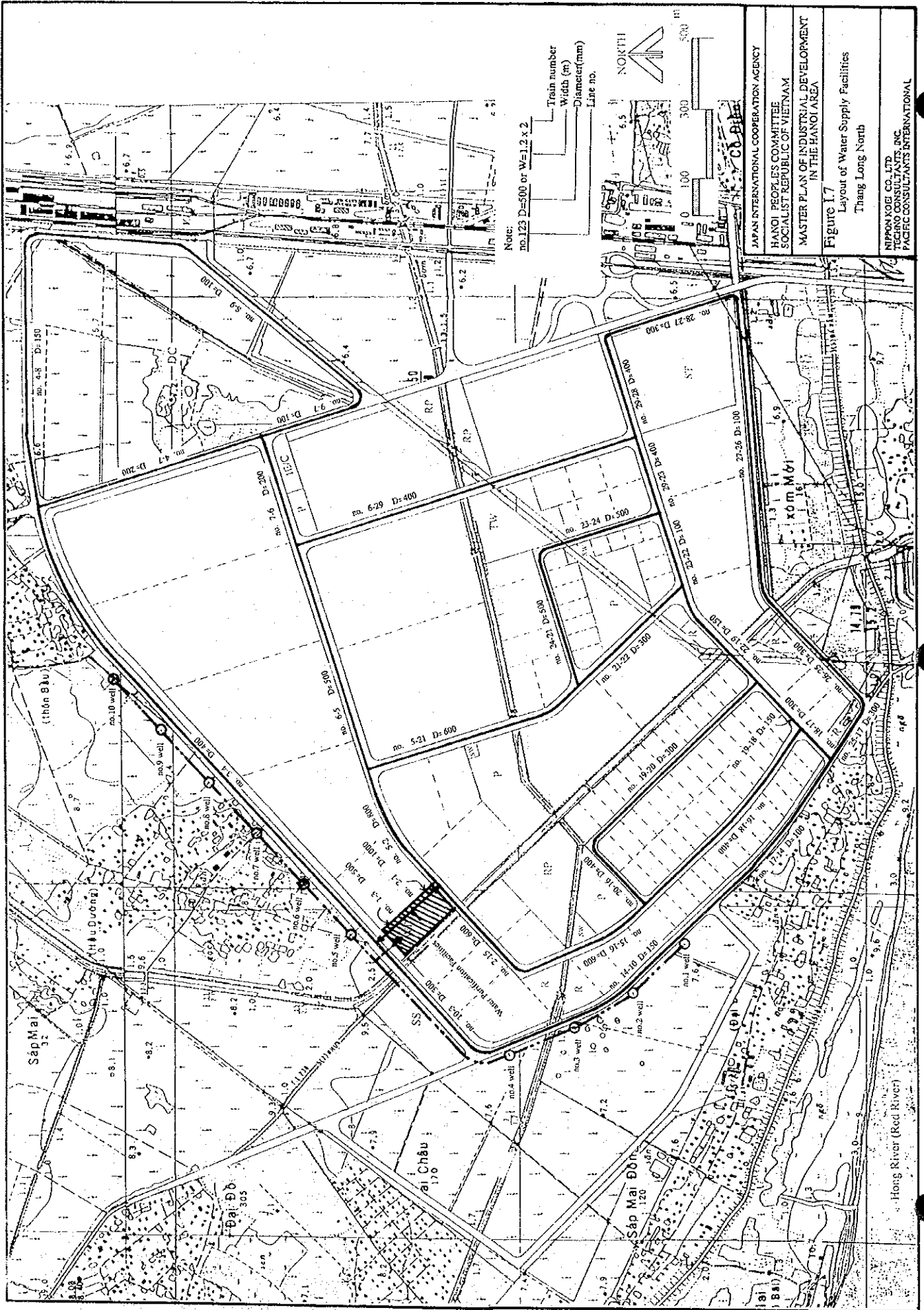


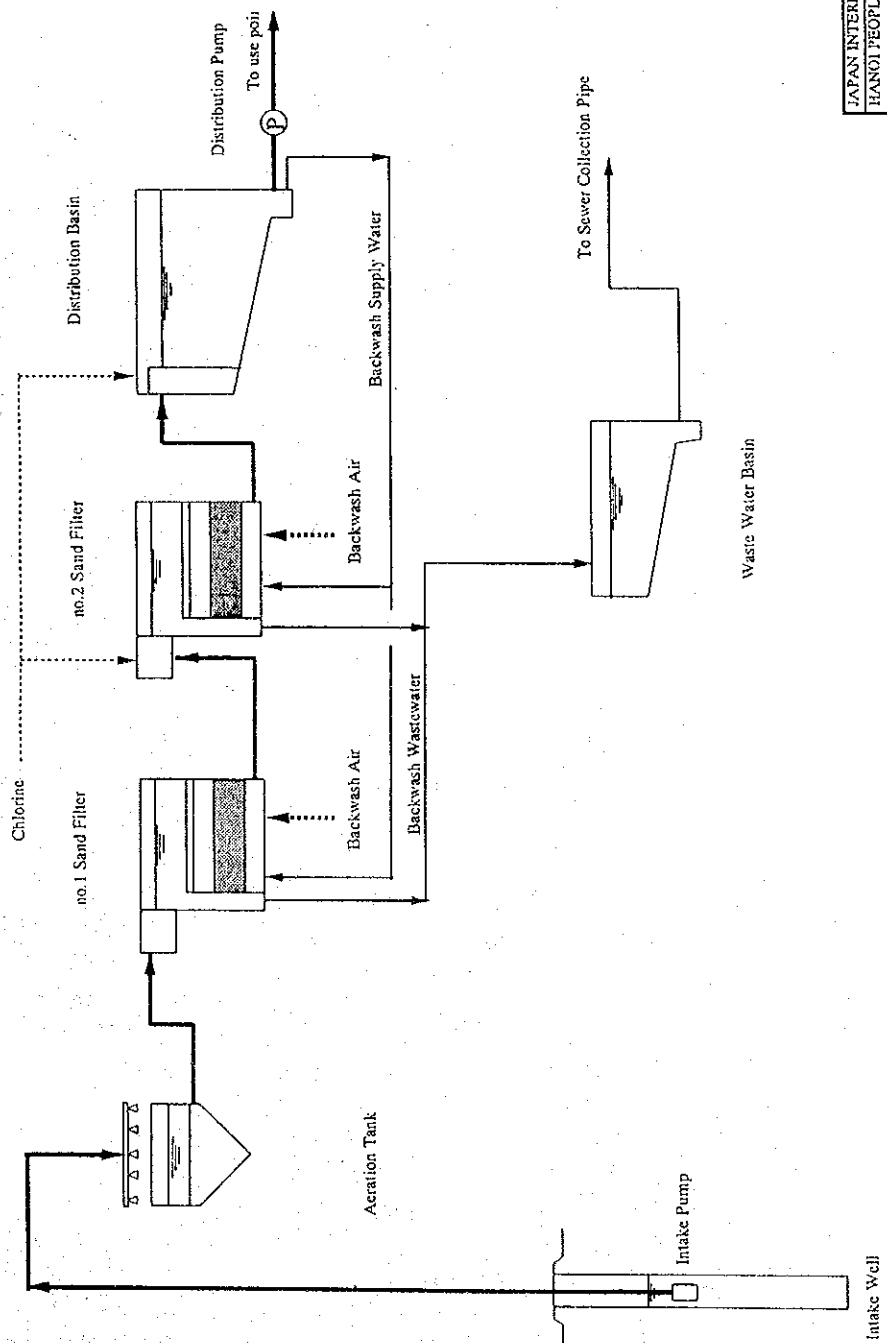
JAPAN INTERNATIONAL COOPERATION AGENCY
HANOI PEOPLE'S COMMITTEE
SOCIALIST REPUBLIC OF VIETNAM
MASTER PLAN OF INDUSTRIAL DEVELOPMENT
IN THE HANOI AREA

Figure 1.6 Standard Section of Road
Concerning Industrial Estate

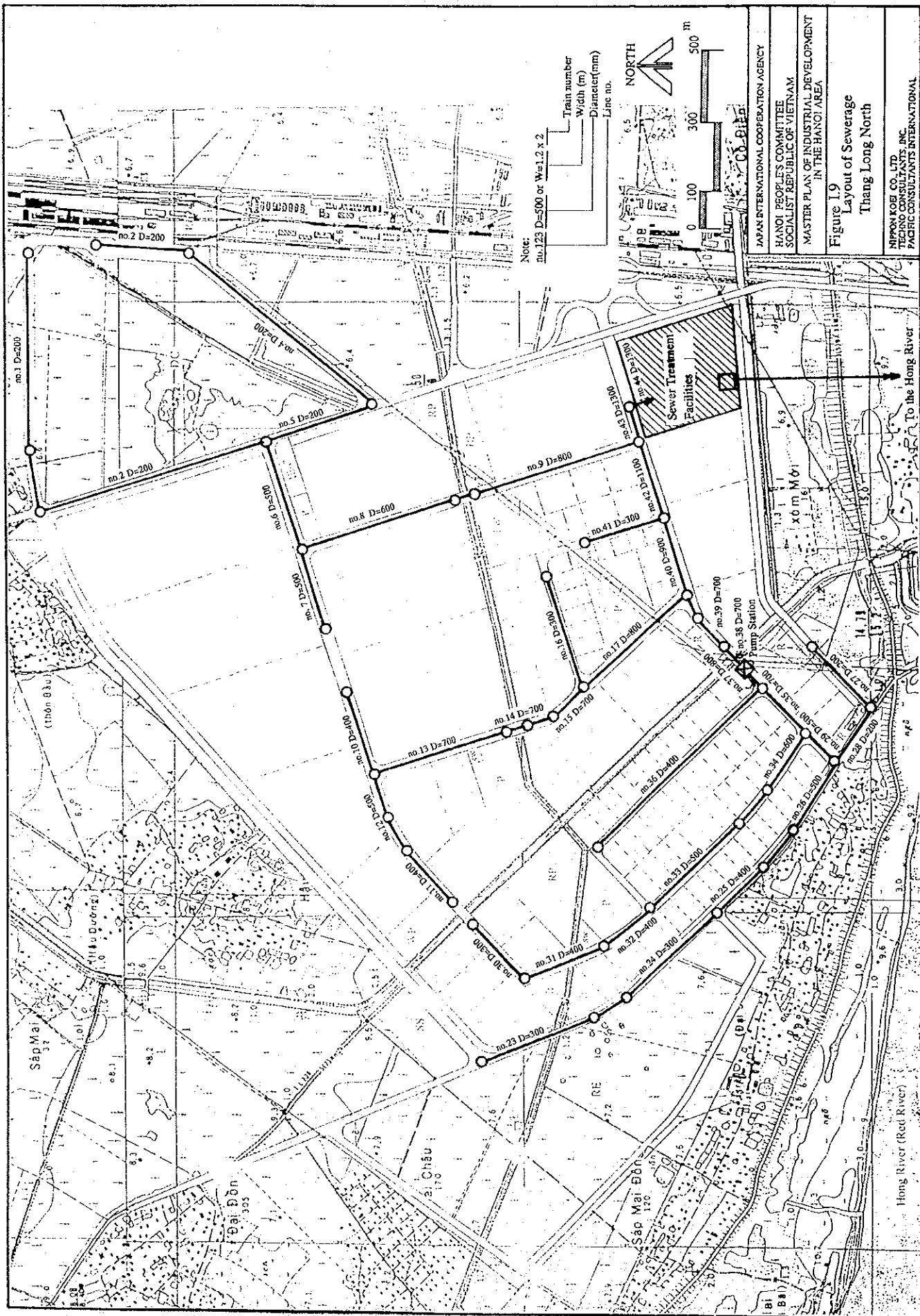
NIPPON KOEI CO., LTD
TECHNO CONSULTANTS, INC.
PACIFIC CONSULTANT INTERNATIONALS

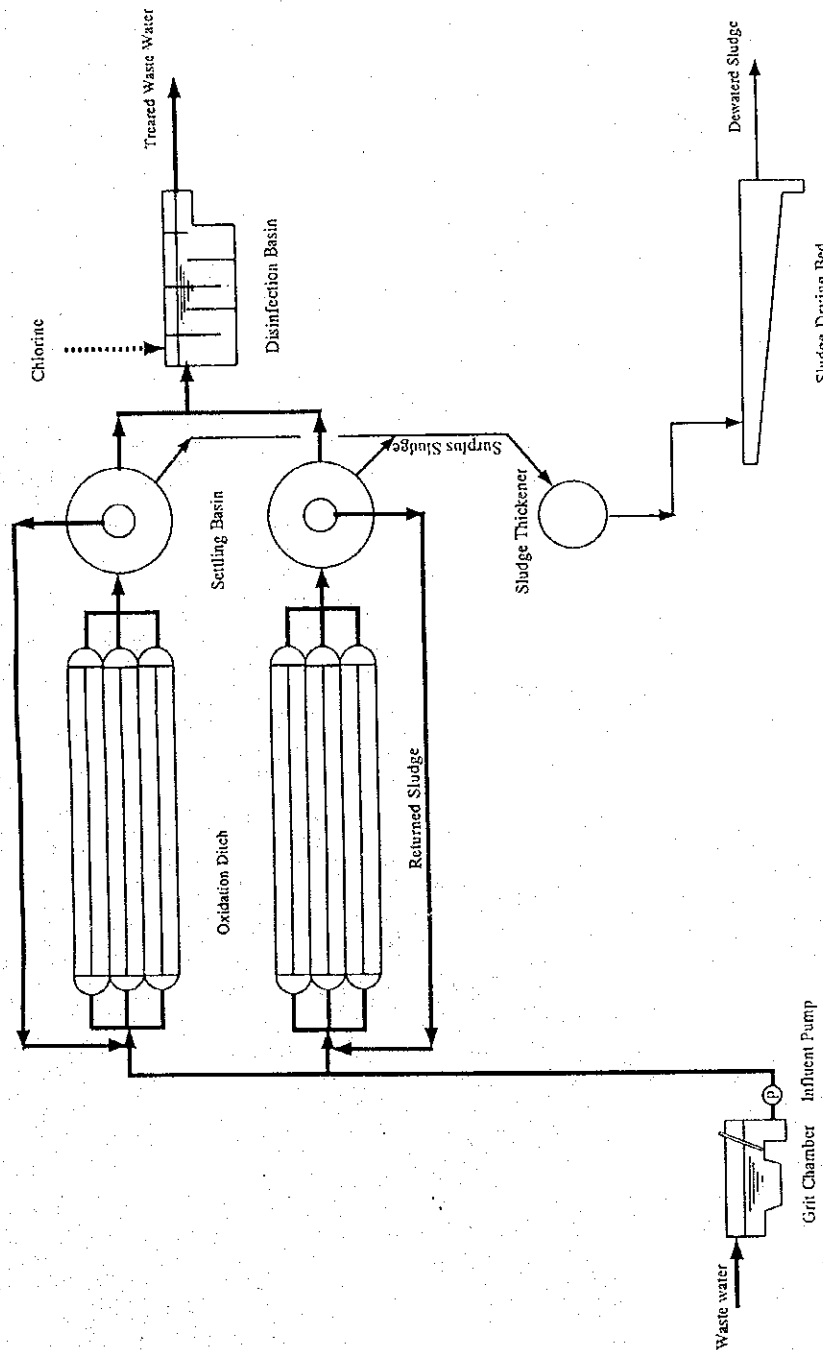
to Noi Bai Airport





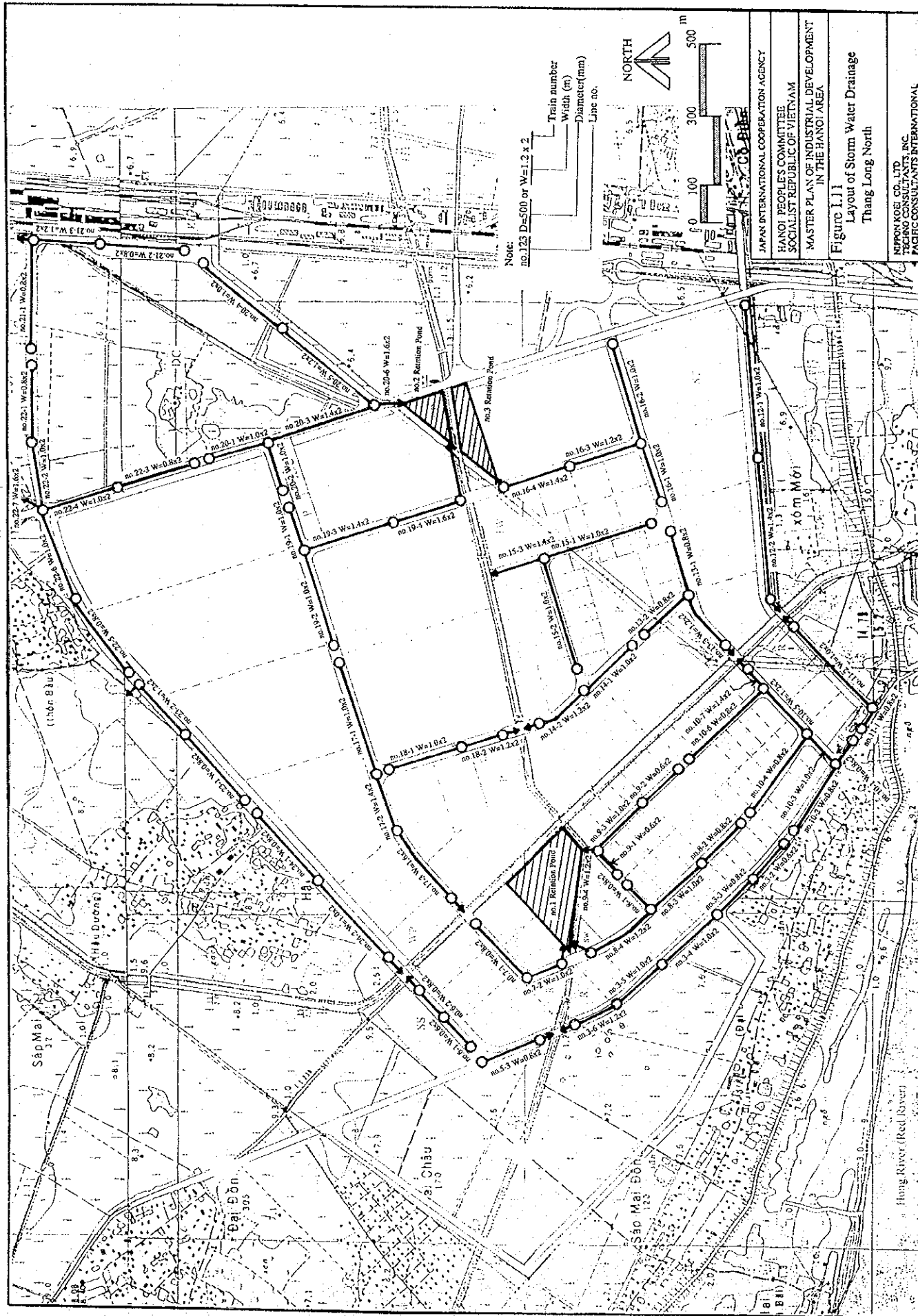
JAPAN INTERNATIONAL COOPERATION AGENCY
HANOI PEOPLE'S COMMITTEE
SOCIAL REPUBLIC OF VIETNAM
MASTER PLAN OF INDUSTRIAL DEVELOPMENT
IN THE HANOI AREA
Figure 1.8 System Flow Diagram of Ground Water Purification
NIPPON KOEI CO., LTD. TECHNO CONSULTANTS, INC. PACIFIC CONSULTANTS INTERNATIONAL

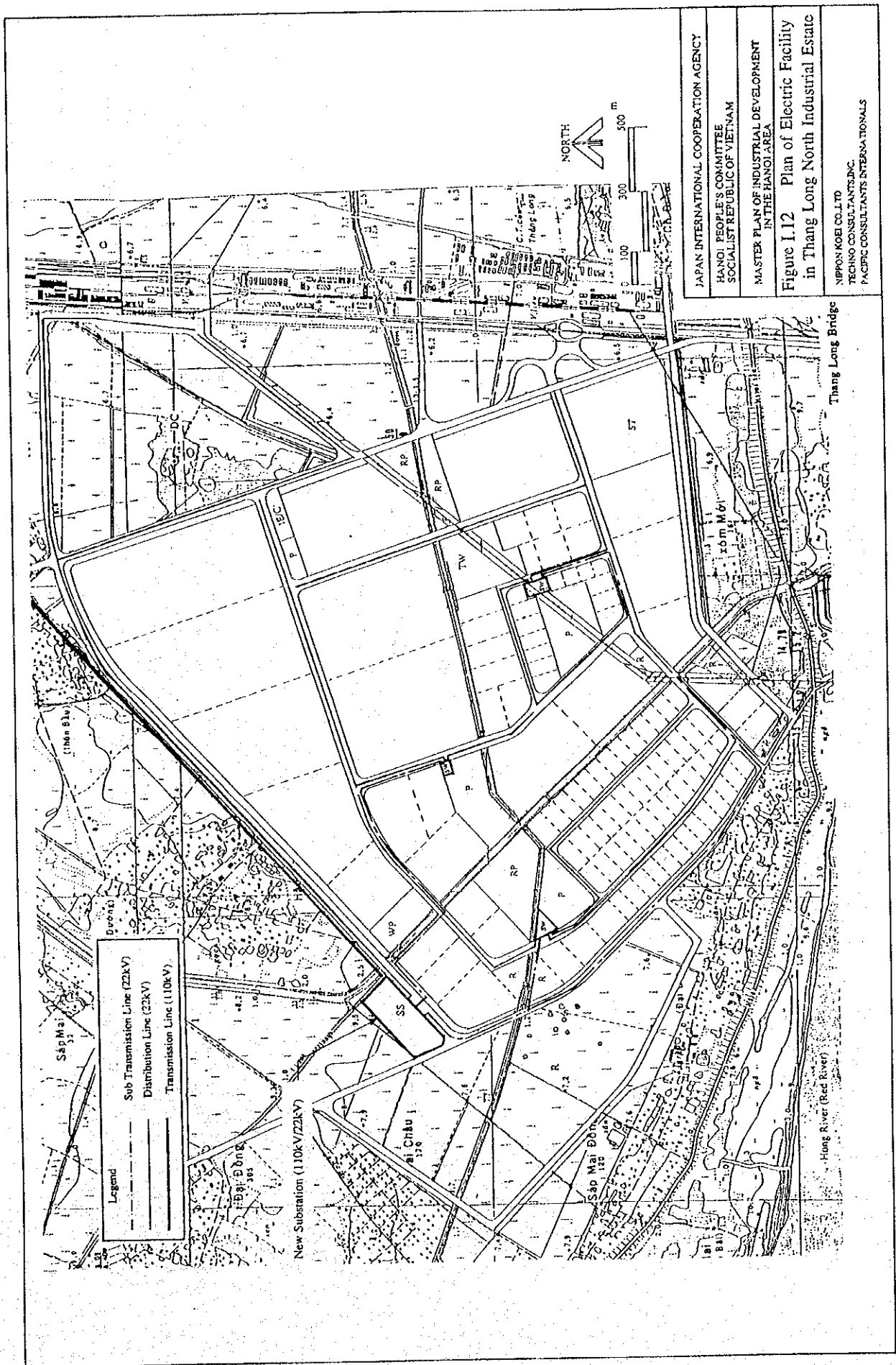


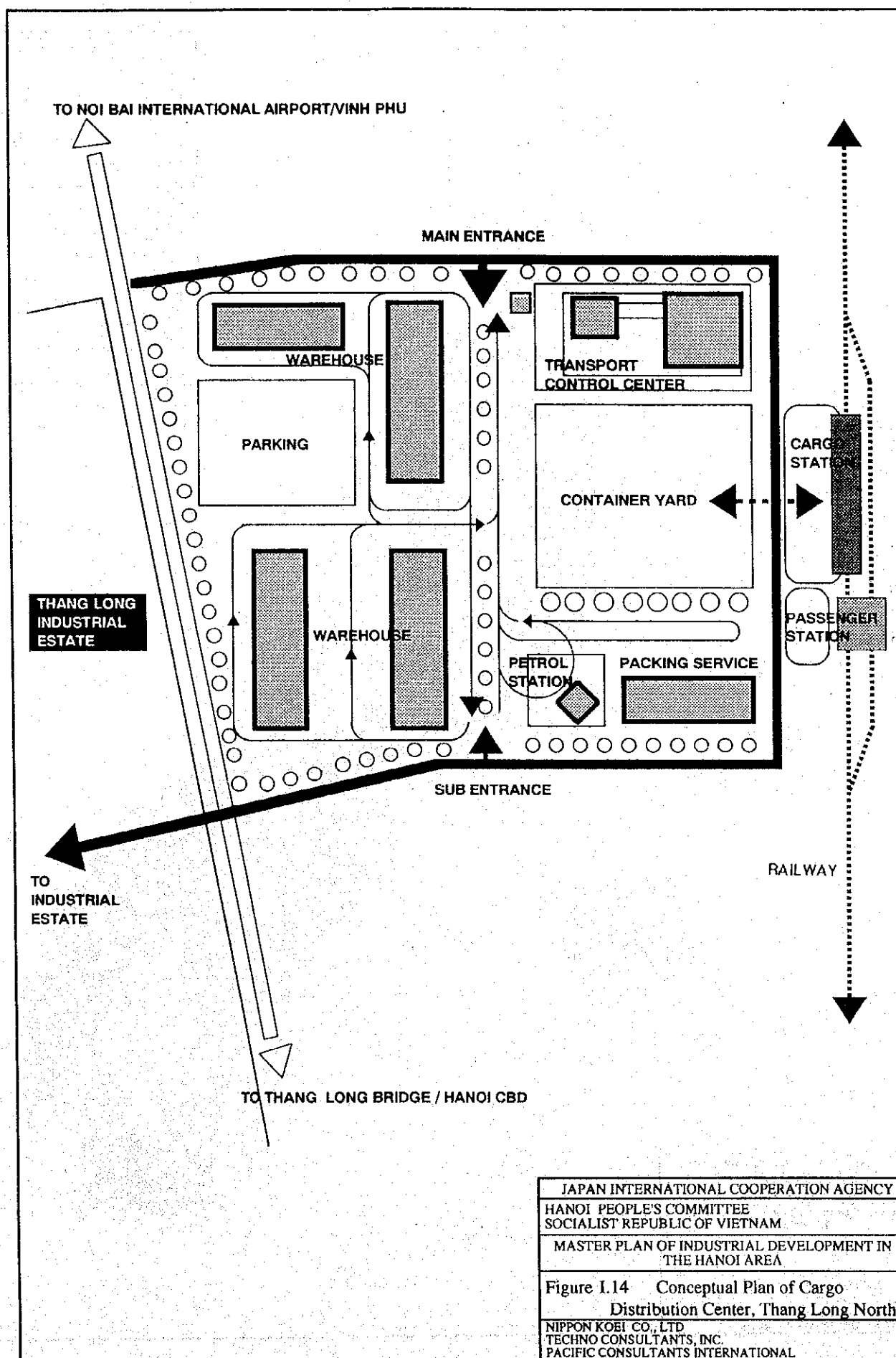


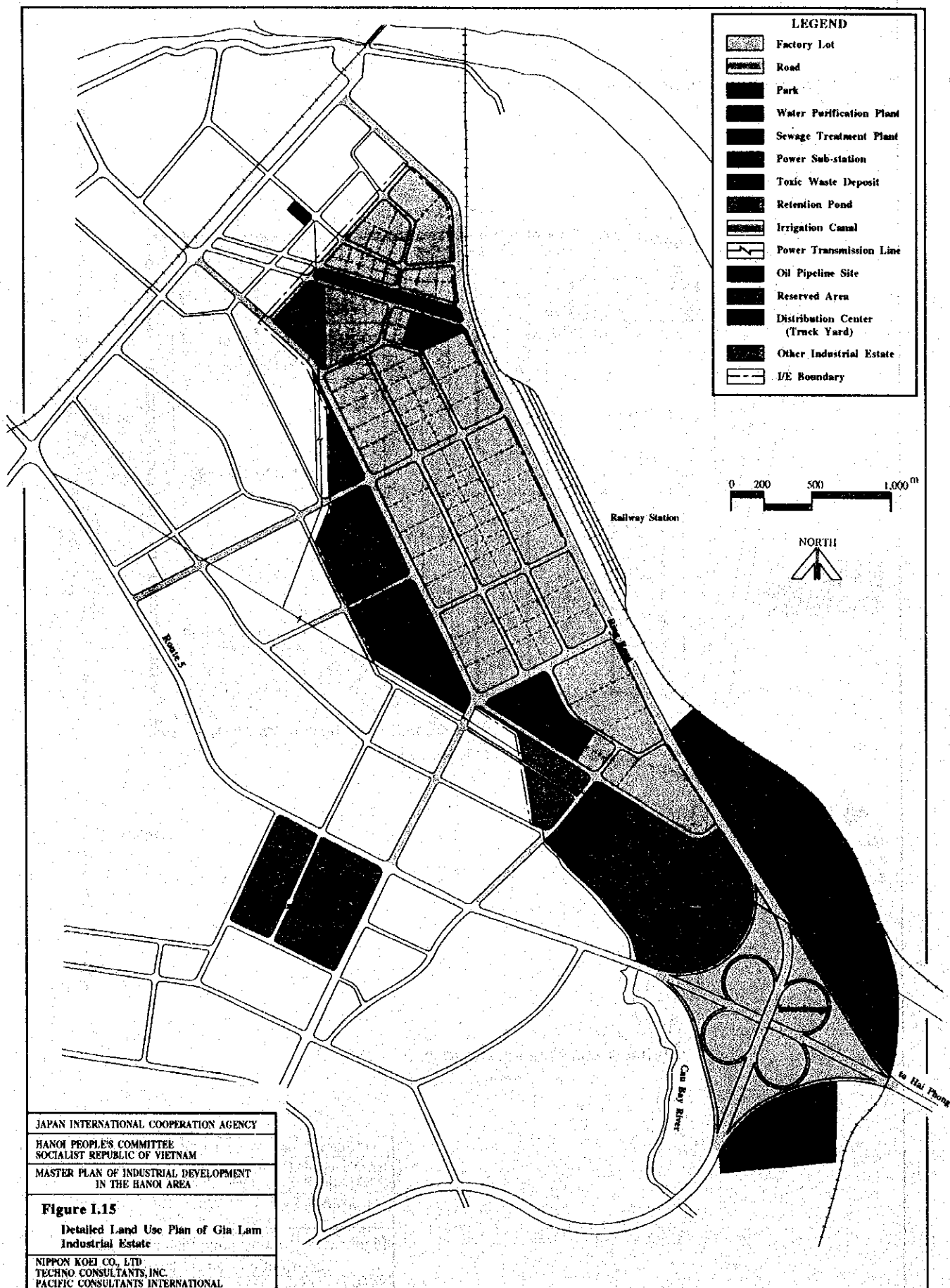
JAPAN INTERNATIONAL COOPERATION AGENCY
HANOI PEOPLE'S COMMITTEE
SOCIAL REPUBLIC OF VIETNAM
MASTER PLAN OF INDUSTRIAL DEVELOPMENT
IN THE HANOI AREA
Figure I.10 System Flow Diagram of Waste Water Treatment
NIPPON KOEI CO., LTD.
TECHNO CONSULTANTS, INC.
PACIFIC CONSULTANTS INTERNATIONAL

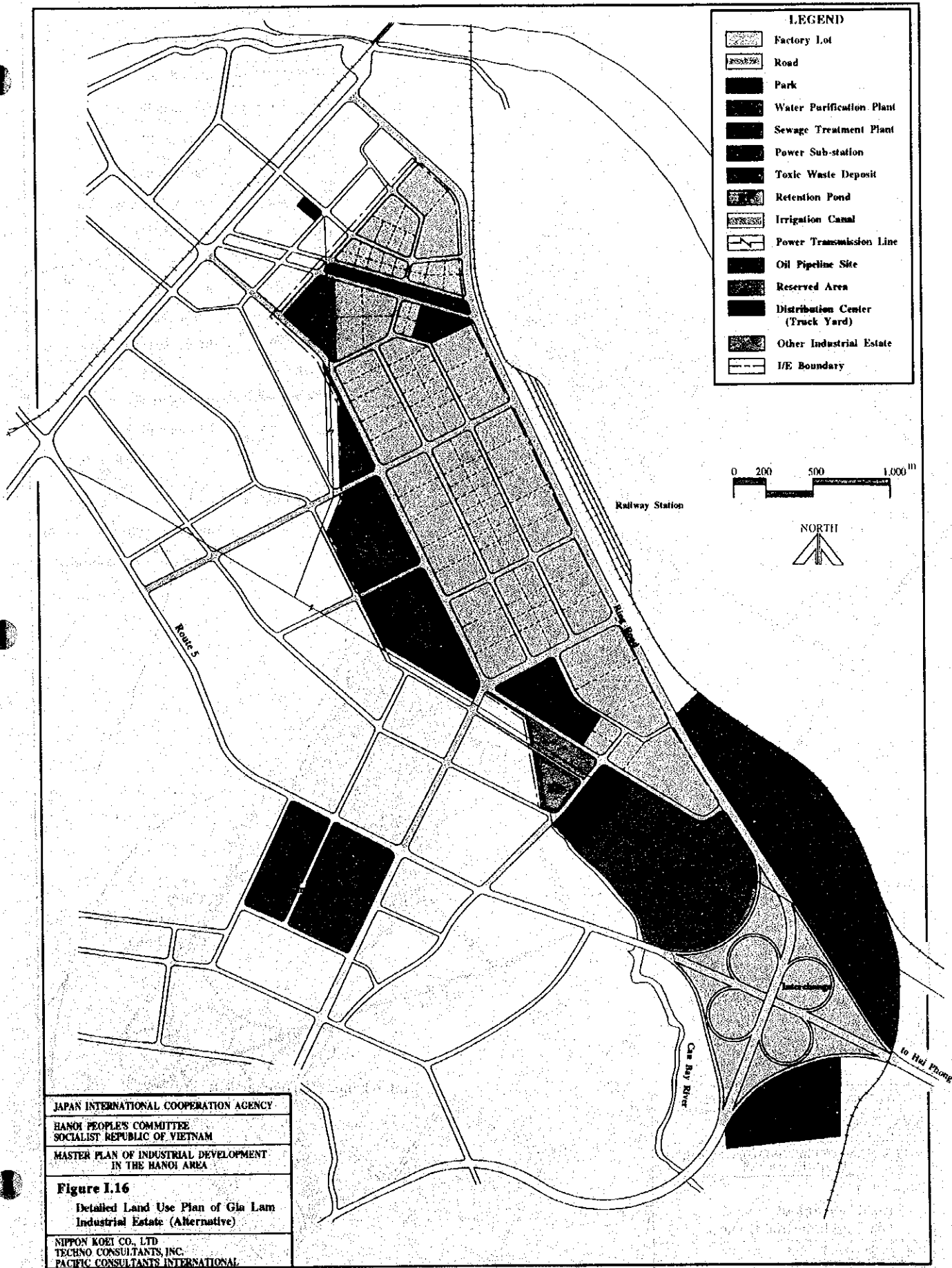
to Noi Bai Airport







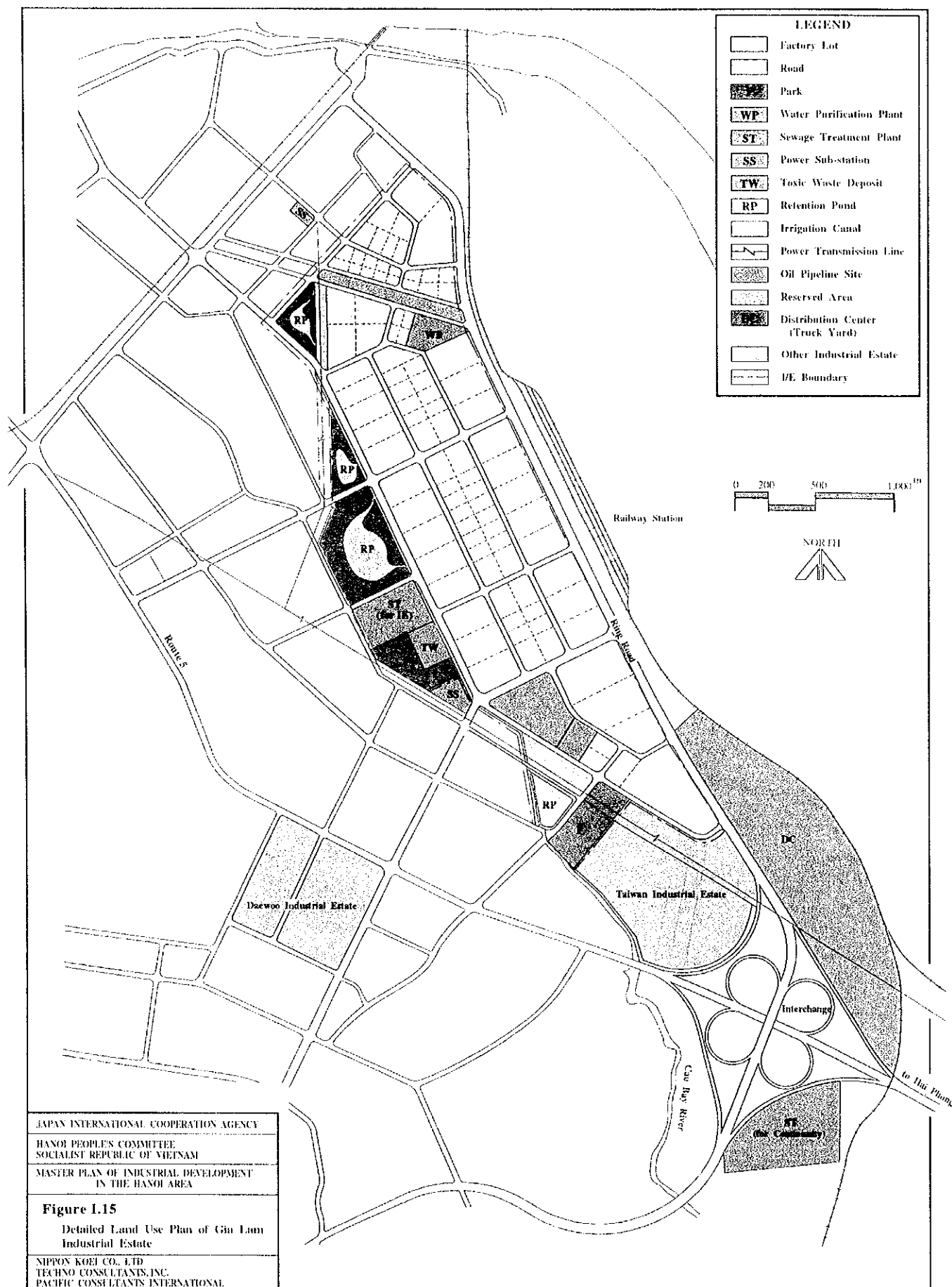




JAPAN INTERNATIONAL COOPERATION AGENCY
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 SOCIALIST REPUBLIC OF VIETNAM
 MASTER PLAN OF INDUSTRIAL DEVELOPMENT
 IN THE HANOI AREA

Figure I.16
 Detailed Land Use Plan of Gia Lam
 Industrial Estate (Alternative)

NIIPPON KOEI CO., LTD
 TECHNICO CONSULTANTS, INC.
 PACIFIC CONSULTANTS INTERNATIONAL



JAPAN INTERNATIONAL COOPERATION AGENCY

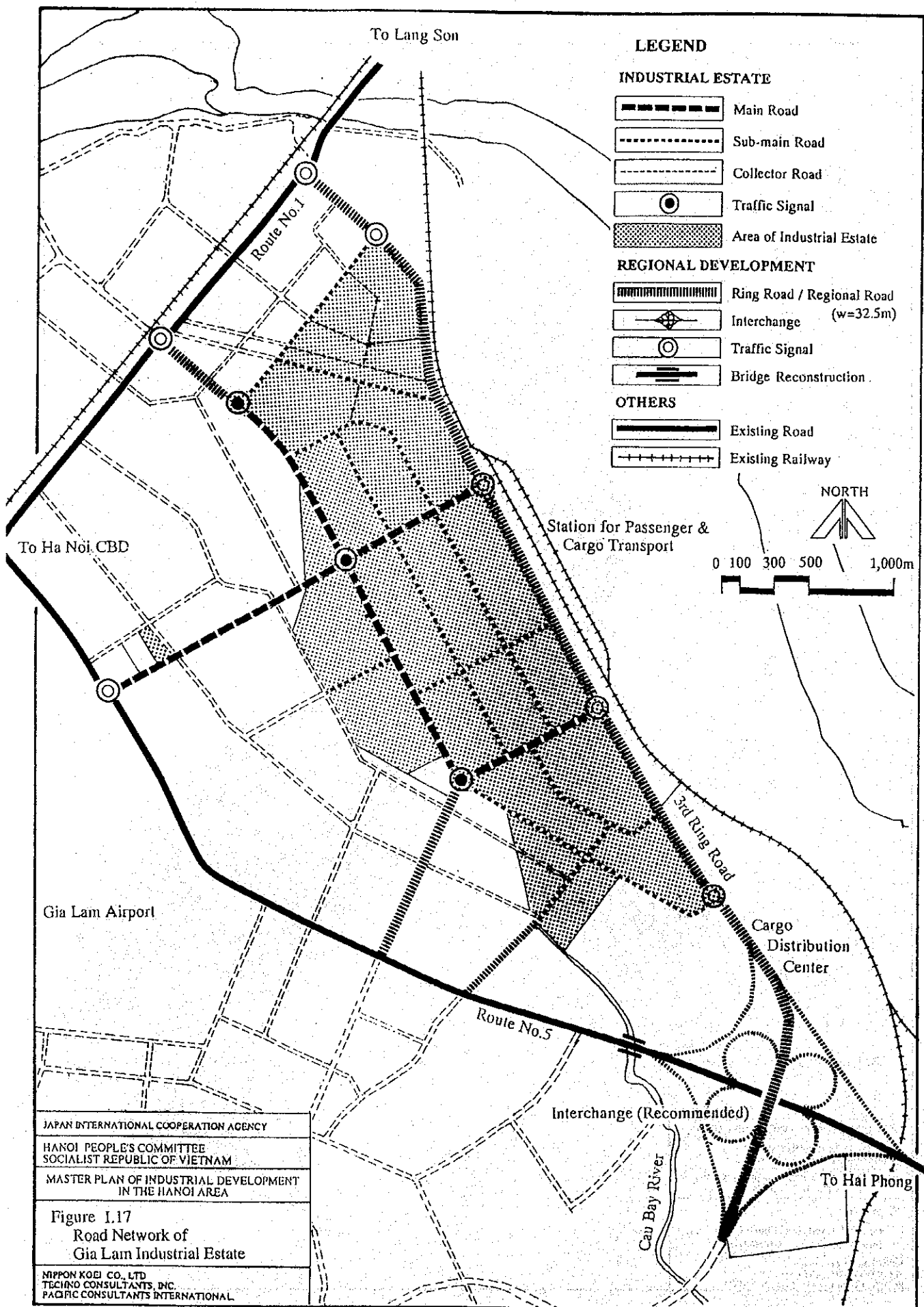
HANOI PEOPLE'S COMMITTEE
SOCIALIST REPUBLIC OF VIETNAM

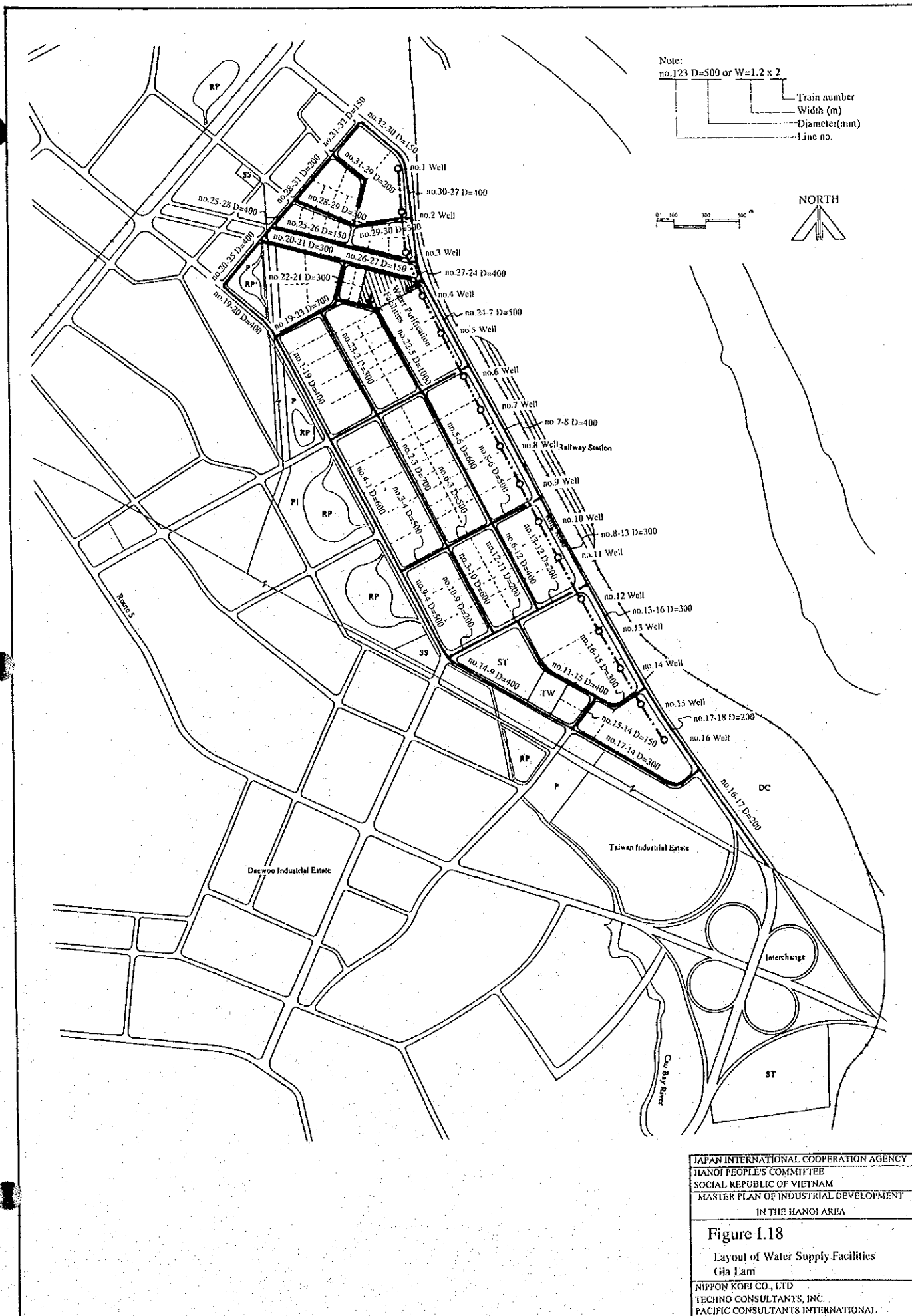
MASTER PLAN OF INDUSTRIAL DEVELOPMENT
IN THE HANOI AREA

Figure I.15

Detailed Land Use Plan of Gìn Lầm
Industrial Estate

NIPPON KOEI CO., LTD.
TECHNO CONSULTANTS, INC.
PACIFIC CONSULTANTS INTERNATIONAL

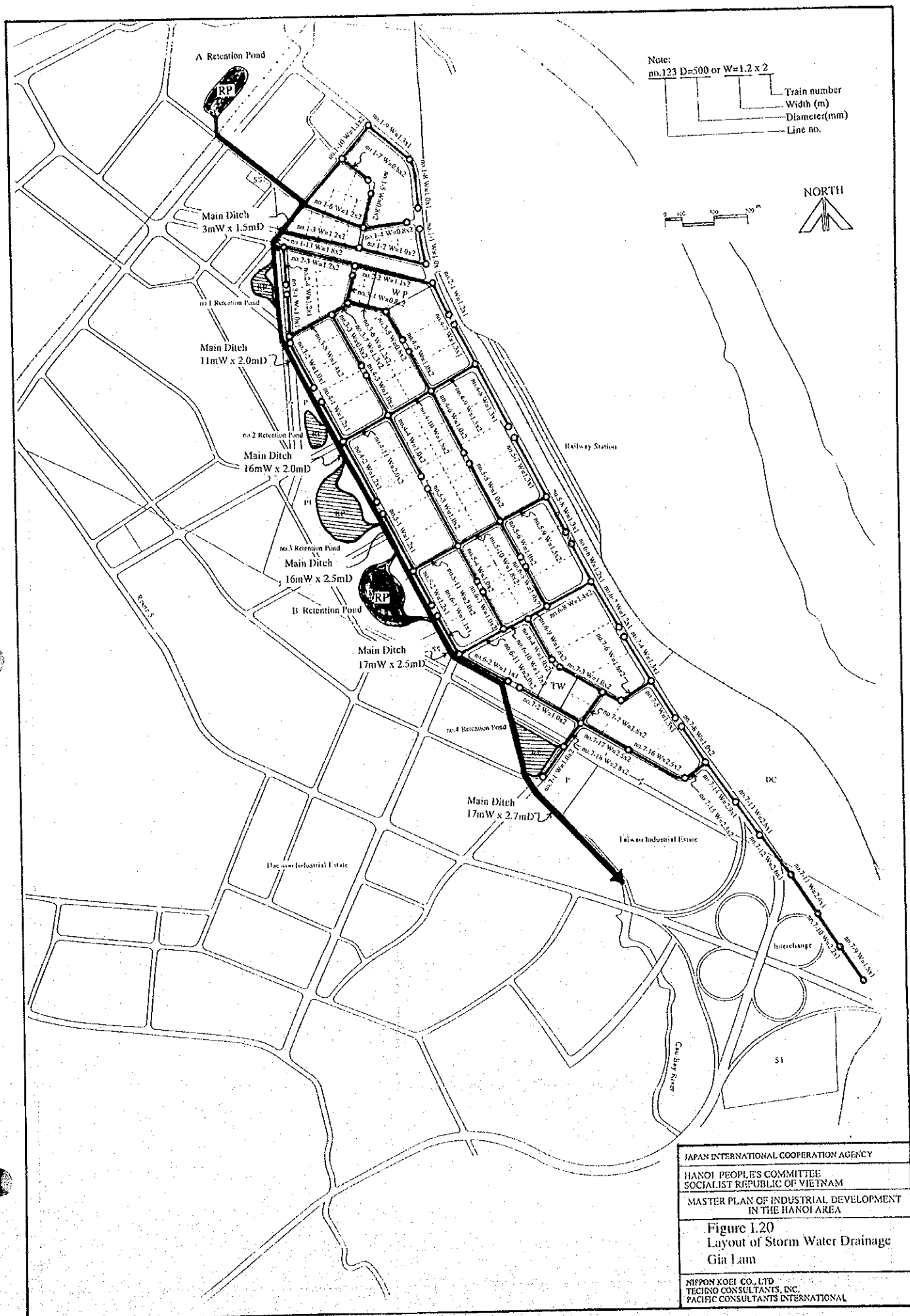


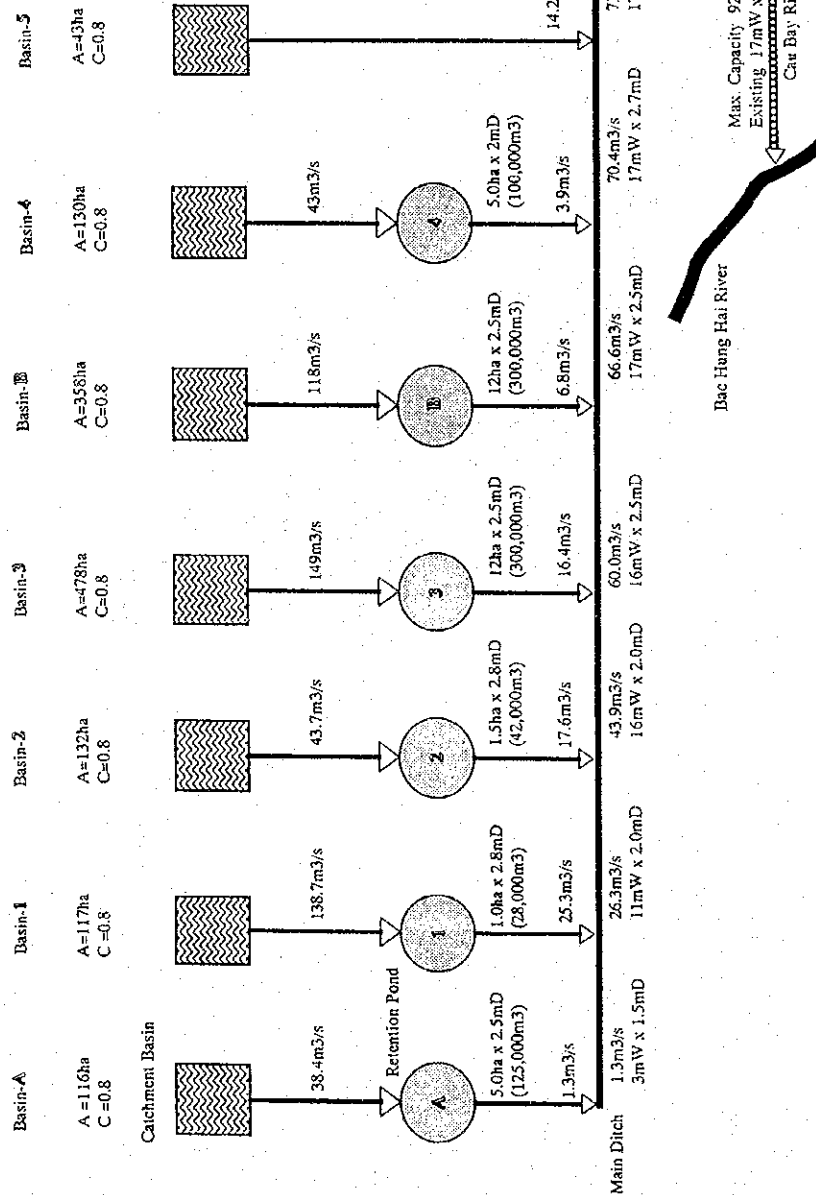


Note:
 m. 123 D=500 or W=1.2 x 2
 --- Tri-a number
 --- Which (m)
 --- Diameter (mm)
 --- Date

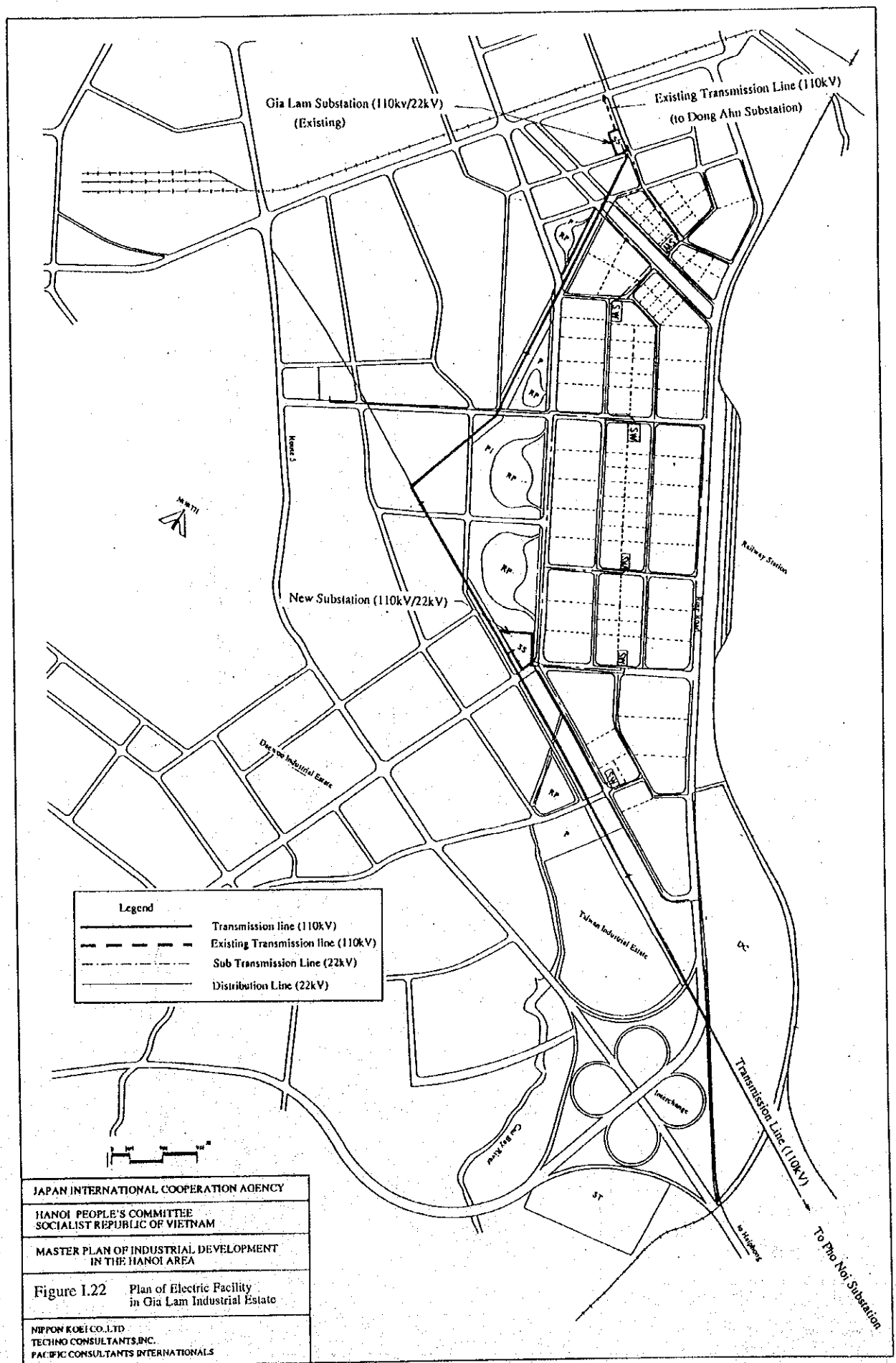


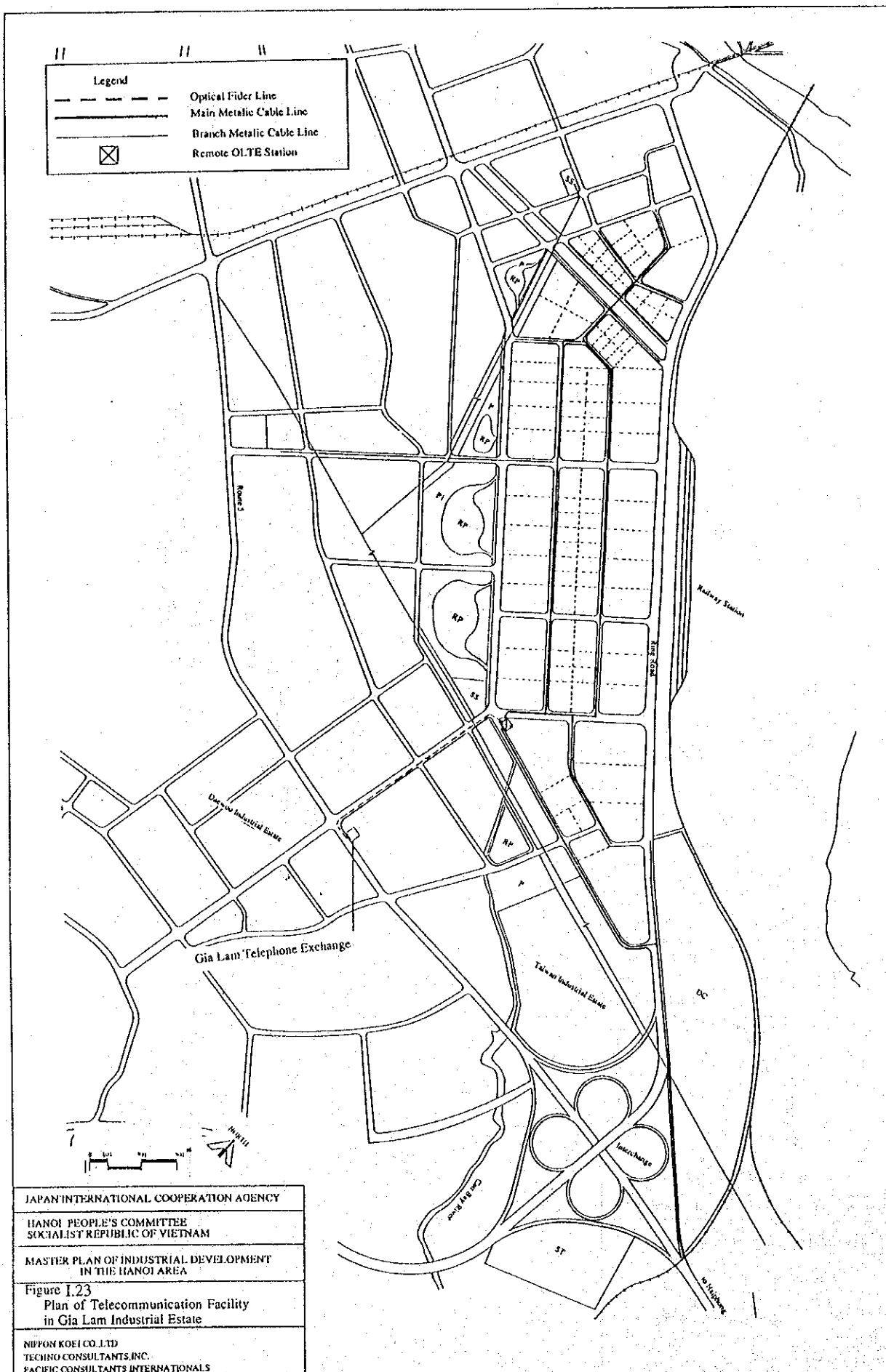
JAPAN INTERNATIONAL COOPERATION AGENCY
 JAPAN PEOPLE'S COMMITTEE
 SOCIAL REPUBLIC OF VIETNAM
 MASTER PLAN OF INDUSTRIAL DEVELOPMENT
 IN THE HANOI AREA
Figure 1.19
 Lay-out Sewerage Gia Lam
 NIPPON KOKAI LTD.
 TECHNICAL CONSULTANTS, INC.
 PACIFIC CONSULTANTS INTERNATIONAL

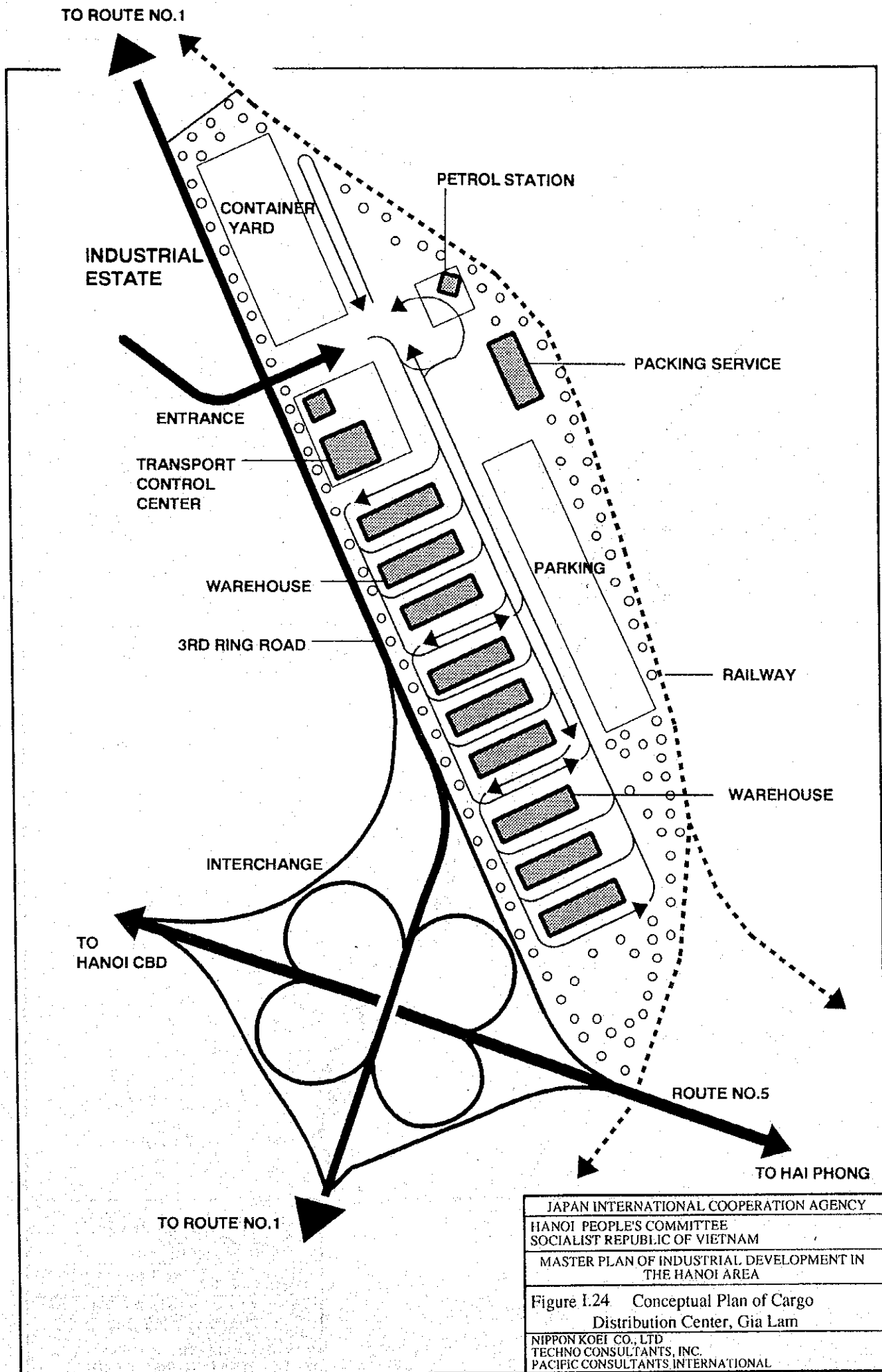


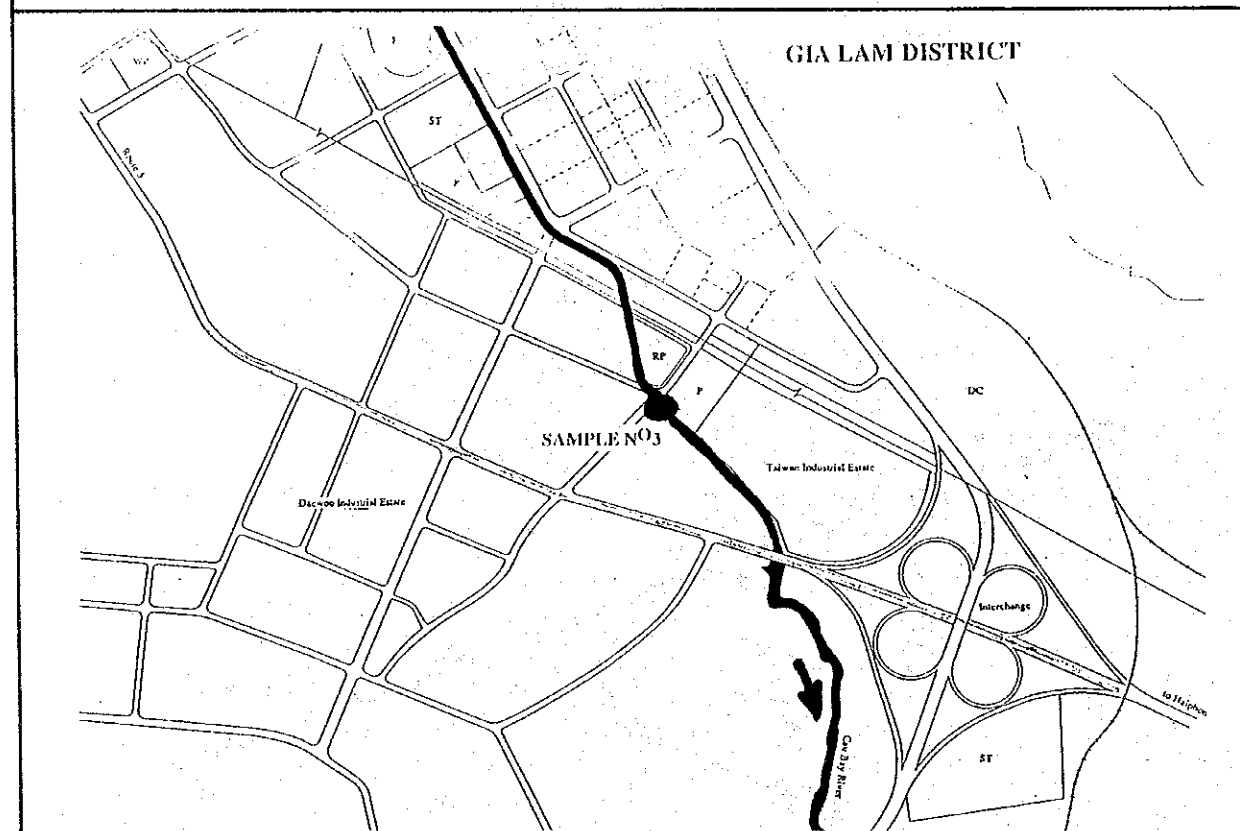
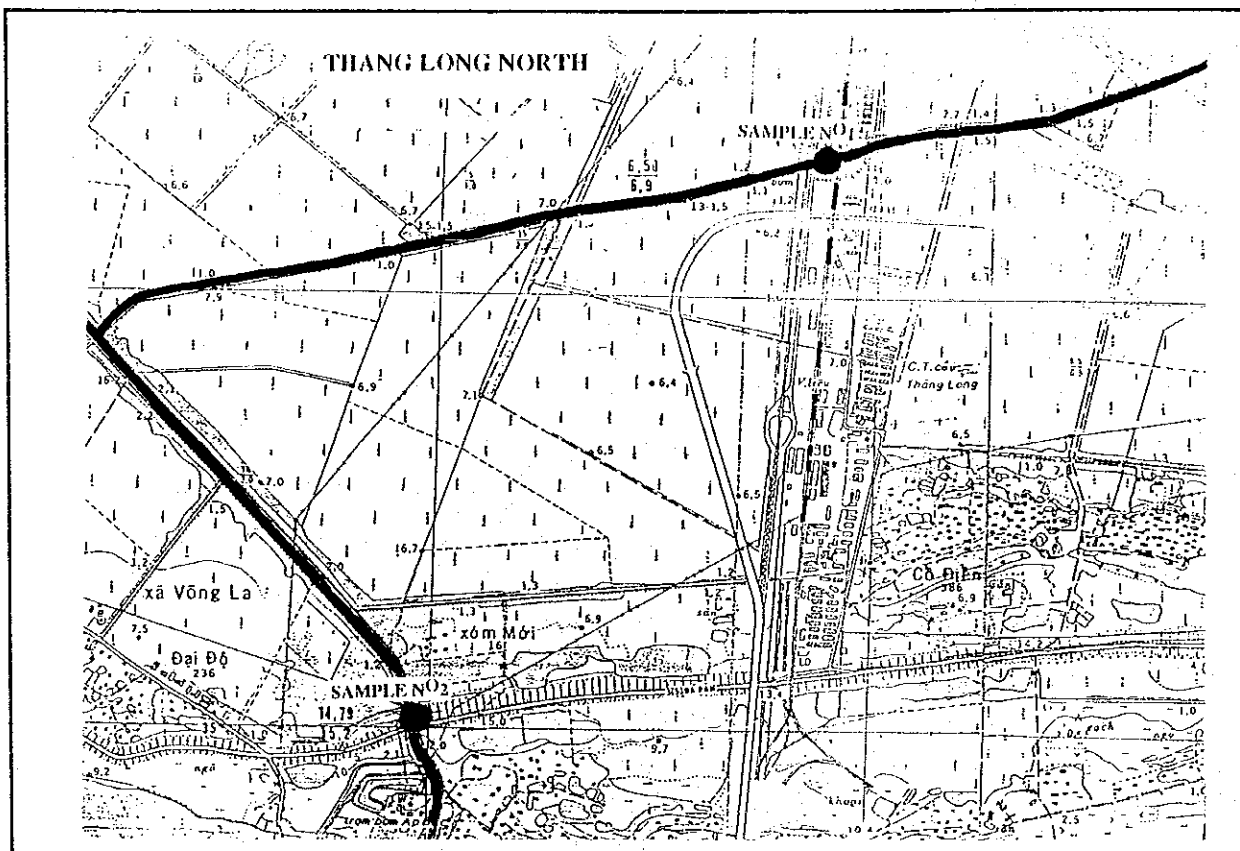


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MASTER PLAN OF INDUSTRIAL DEVELOPMENT
IN THE HANOI AREA
Figure 1.21 Peak Flow Diagram of Storm Water for Gia Lam Community
NIIPPON KOEI CO., LTD
TECHNO CONSULTANTS, INC.
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 MASTER PLAN OF INDUSTRIAL, DEVELOPMENT
 IN THE HANOI AREA
 Figure 1.25 Water quality and Sediment Sampling points
 in Thang Long North and Gia Lam
 NIPPON KOEI CO., LTD.
 TECHNO CONSULTANTS, INC.
 PACIFIC CONSULTANTS INTERNATIONAL

Figure I.26 Plan of Implementation for Thang Long North Industrial Estate

	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
I Development Procedure											
II Detailed Design		IE									
III Construction											
1 Industrial Estate (1st phase:210ha)											
2 Industrial Estate (2nd phase:70ha)											
3 External Facility											
1) Cargo Distribution Center											
2) Residential Area											
3) Other External Facility-1, 2											
IV Investment Promotion											

Figure I.27 Plan of Implementation for Gia Lam Industrial Estate

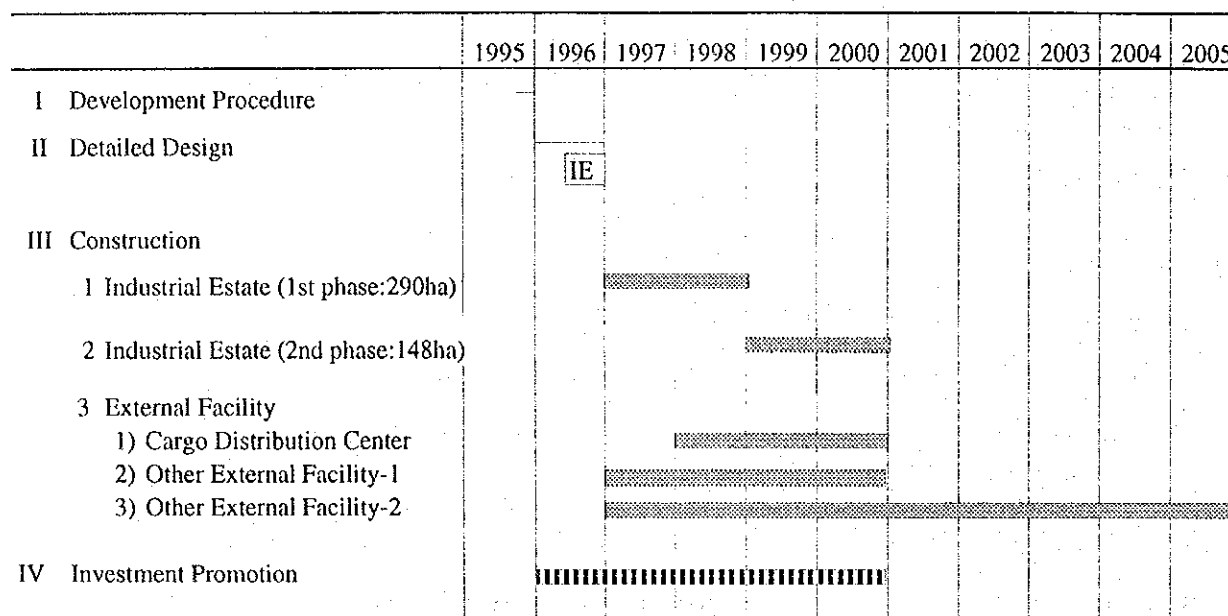
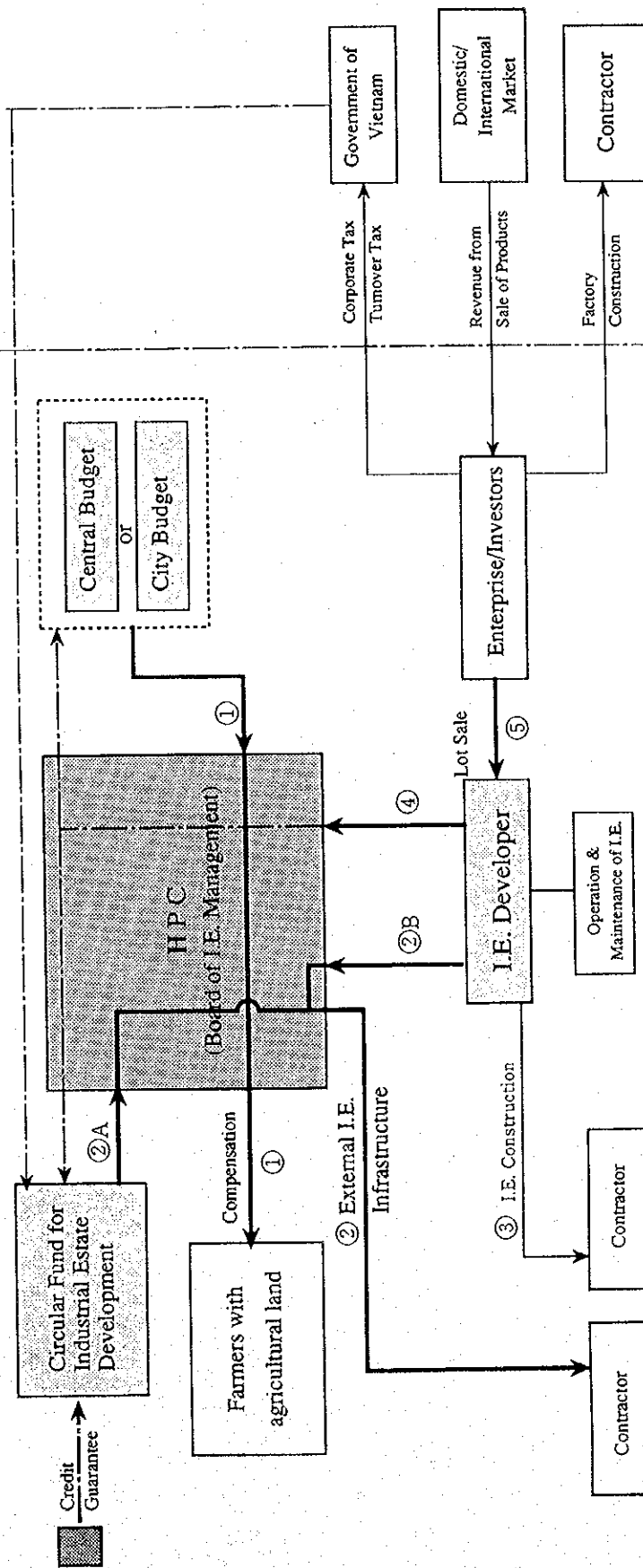


Figure I.28 SCHEMATIC FUND FLOW for the Industrial Estate Development



Work Items	HPC		I.E. Developer	
	Cash outflows	Cash inflows	Cash outflows	Cash inflows
Compensation	○ 1			
External Infrastructure	○ 2			
I.E. Construction		○ 4	○ 3	
Rental Fees			○ 4	
Lot Sale				○ 5

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 SOCIALIST REPUBLIC OF VIETNAM
 MASTER PLAN OF INDUSTRIAL DEVELOPMENT
 IN THE HANOI AREA
 Figure I.28 Schematic Fund Flow
 for Industrial Estate Development
 NIPPON KOGI CO. LTD.
 TECHNICAL CONSULTANTS INC.
 PACIFIC CONSULTANTS INTERNATIONAL



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