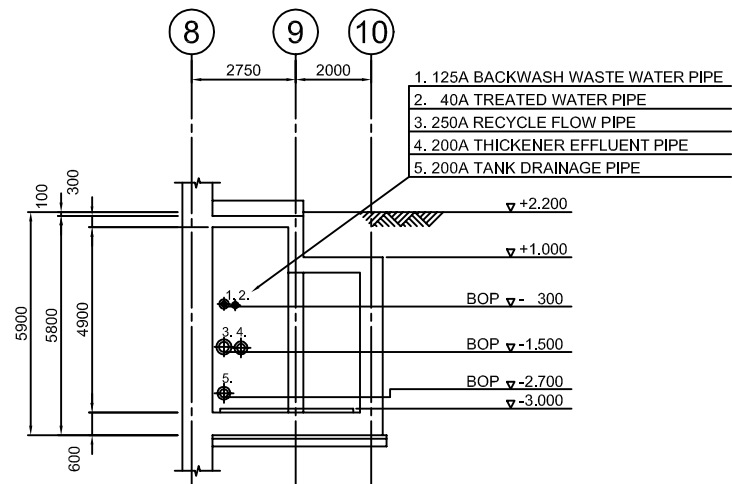


SECTION A-A



SECTION B-B

DATE	DESCRIPTIONS	BY	APRO.

REVISIONS

PROJECT MANAGEMENT UNIT FOR
WATER ENVIRONMENT IMPROVEMENT FOR
HO CHI MINH CITY

THE DETAILD DESIGN ON HO CHI MINH CITY
WATER ENVIRONMENT IMPROVEMENT PROJECT
IN THE SOCIALIST REPUBLIC OF VIET NAM

PACKAGE E
WASTEWATER TREATMENT PLANT
GRIT CHAMBER-LIFT PUMP FACILITY
CROSS SECTION

SCALE : 1:100

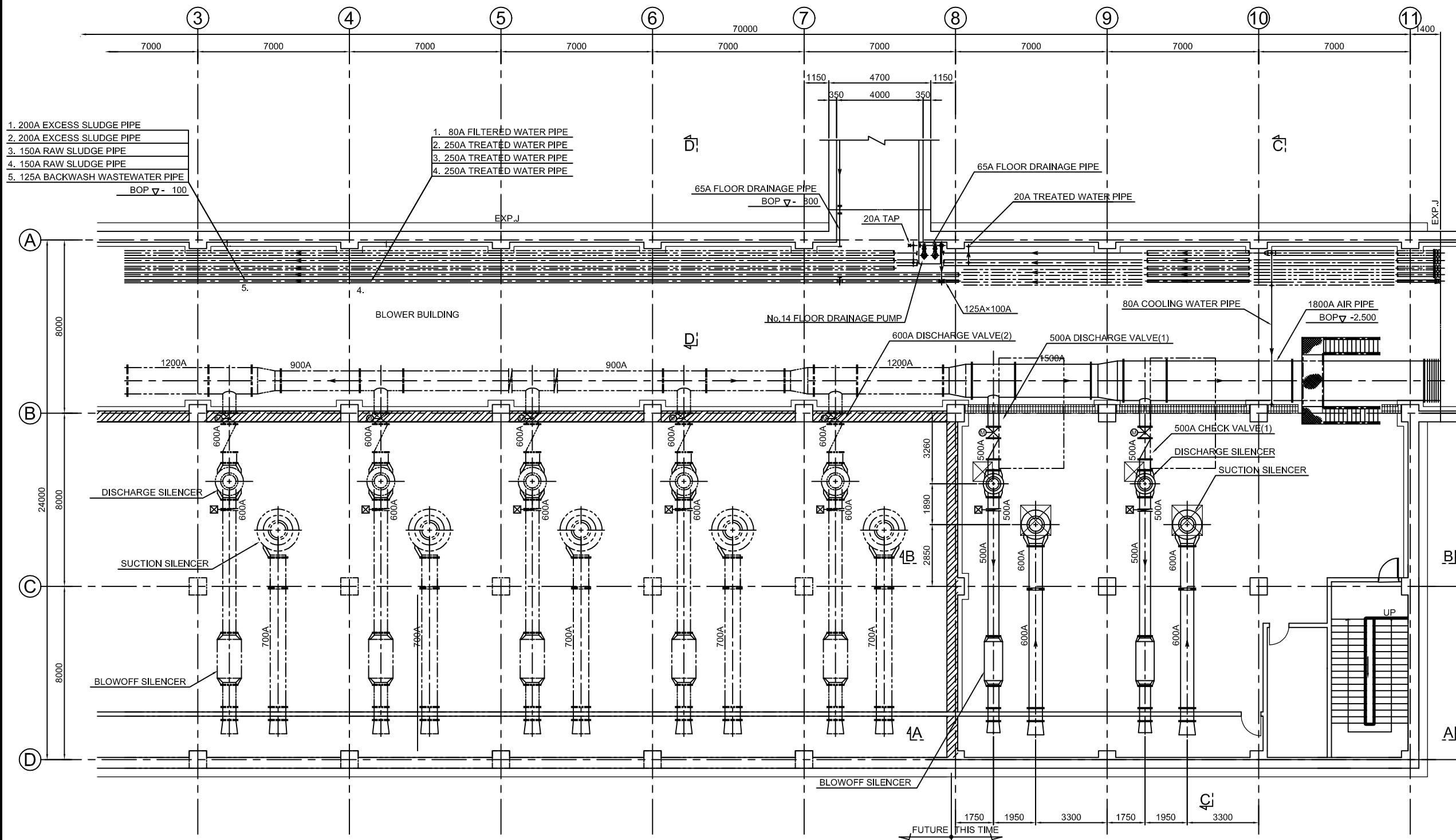
JICA JAPAN INTERNATIONAL COOPERATION
AGENCY (JICA)

PACIFIC CONSULTANTS INTERNATIONAL

DESIGNED
KAWAZU SHINYA

CHECKED
KONDO MASAMI

DATE : JUNE 2001 DWG. No. PE - WWTP - 412

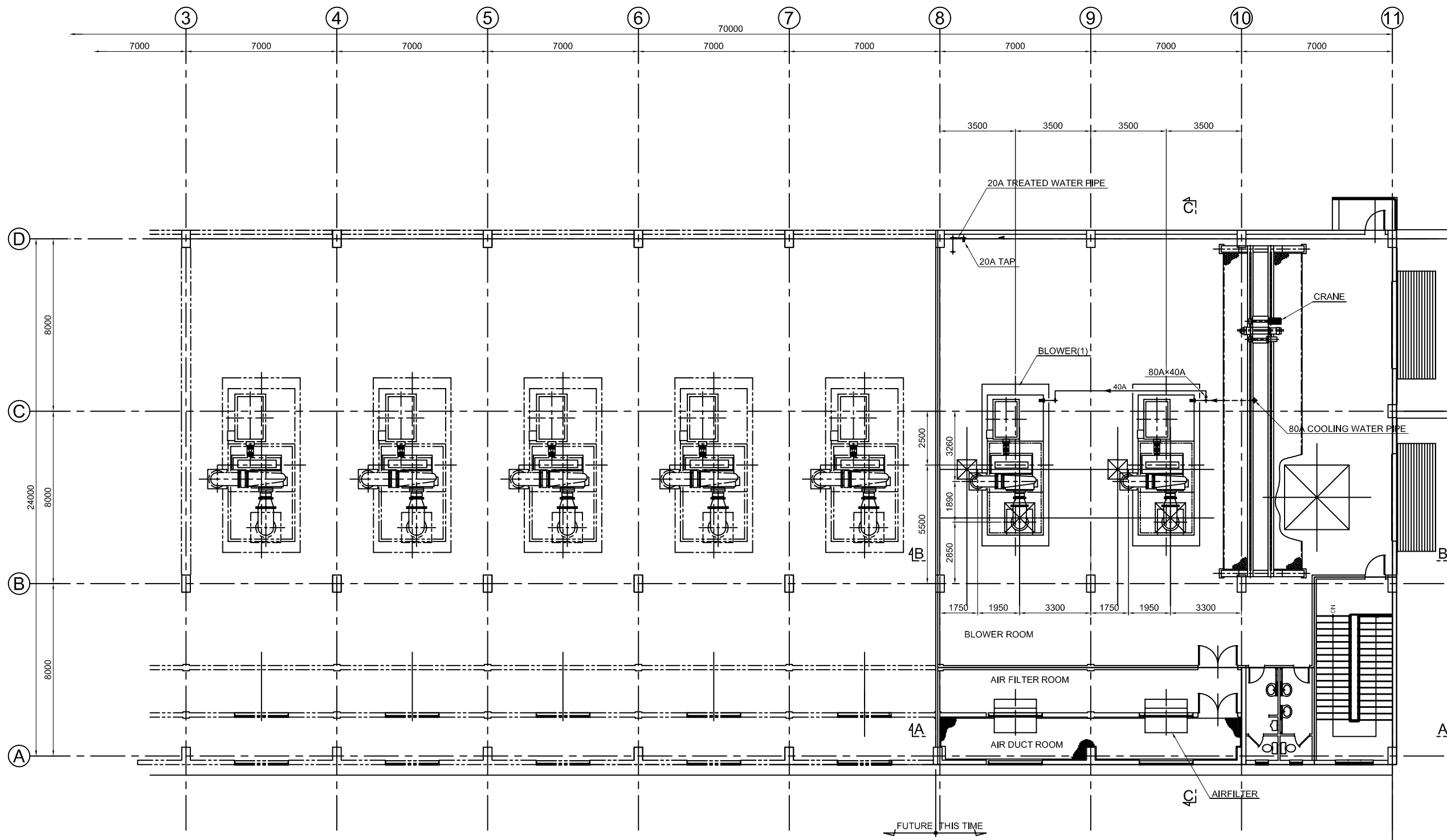


- 1. 200A EXCESS SLUDGE PIPE
- 2. 200A EXCESS SLUDGE PIPE
- 3. 150A RAW SLUDGE PIPE
- 4. 150A RAW SLUDGE PIPE
- 5. 125A BACKWASH WASTEWATER PIPE

- 1. 80A FILTERED WATER PIPE
- 2. 250A TREATED WATER PIPE
- 3. 250A TREATED WATER PIPE
- 4. 250A TREATED WATER PIPE

BLOWER ROOM B1 FLOOR PLAN

NO.	DATE	DESCRIPTIONS	BY	APRO.
REVISIONS				
PROJECT MANAGEMENT UNIT FOR WATER ENVIRONMENT IMPROVEMENT FOR HO CHI MINH CITY				
THE DETAILD DESIGN ON HO CHI MINH CITY WATER ENVIRONMENT IMPROVEMENT PROJECT IN THE SOCIALIST REPUBLIC OF VIET NAM				
PACKAGE E WASTEWATER TREATMENT PLANT BLOWER FACILITY PLAN (1 / 2)				
SCALE : 1:100				
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)				
PACIFIC CONSULTANTS INTERNATIONAL				
DESIGNED KAWAZU SHINYA		CHECKED KONDO MASAMI		
DATE : JUNE 2001		DWG. No. PE - WWTP - 415		



BLOWER ROOM 1 FLOOR PLAN

NO.	DATE	DESCRIPTIONS	BY	APRO.

REVISIONS

PROJECT MANAGEMENT UNIT FOR
WATER ENVIRONMENT IMPROVEMENT FOR
HO CHI MINH CITY

THE DETAILD DESIGN ON HO CHI MINH CITY
WATER ENVIRONMENT IMPROVEMENT PROJECT
IN THE SOCIALIST REPUBLIC OF VIET NAM

PACKAGE E
WASTEWATER TREATMENT PLANT
BLOWER FACILITY PLAN (2 / 2)

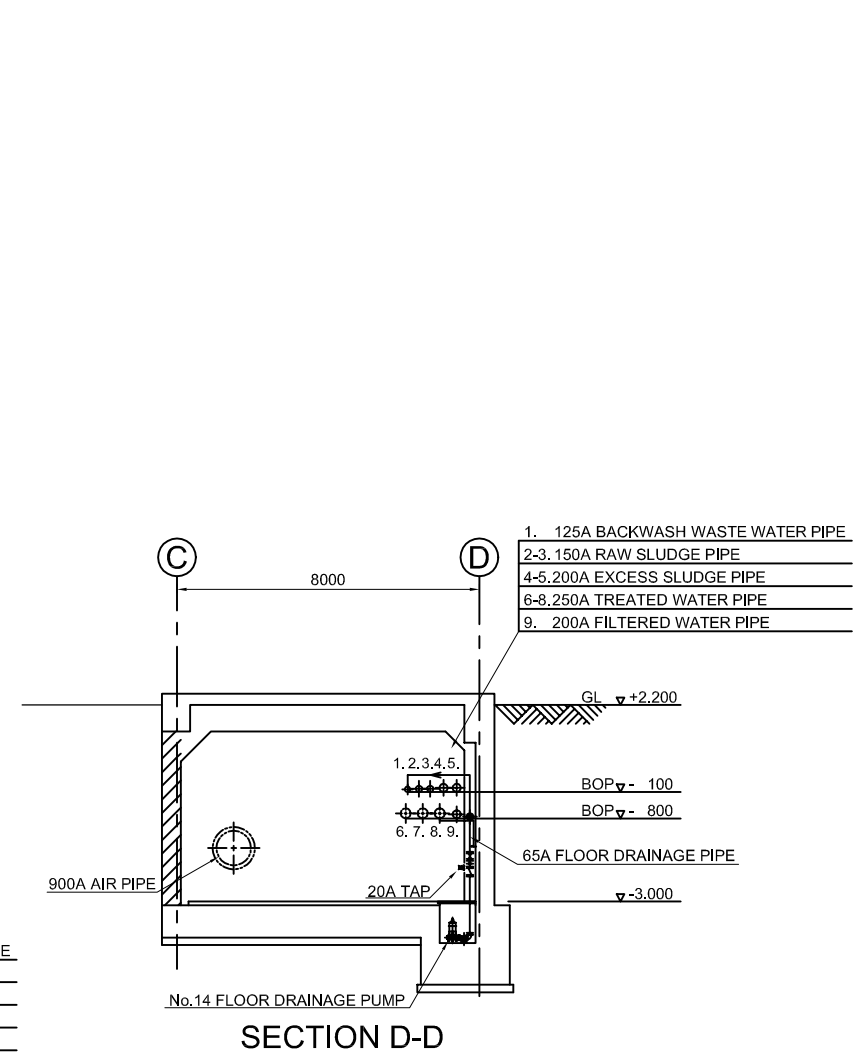
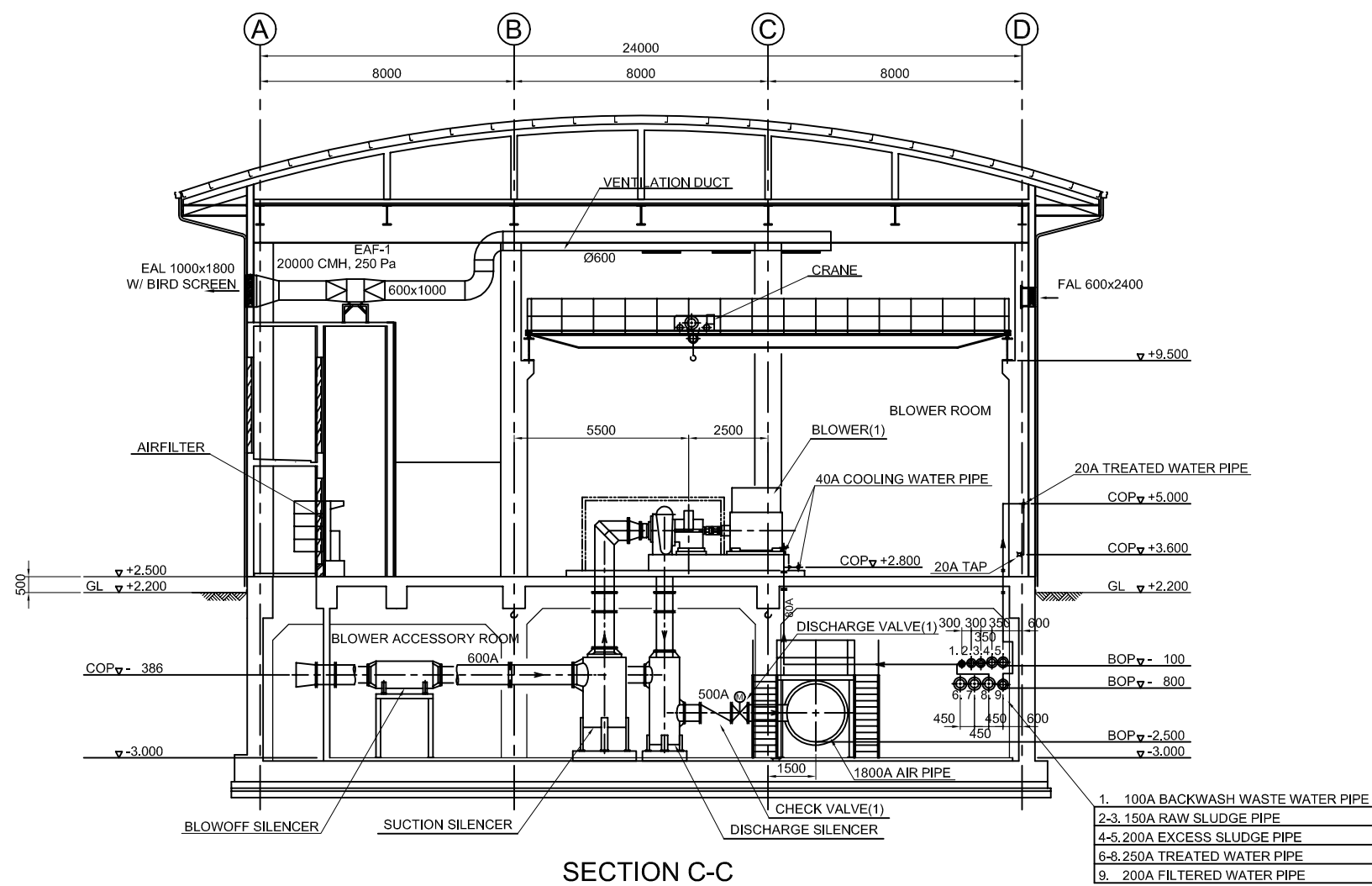
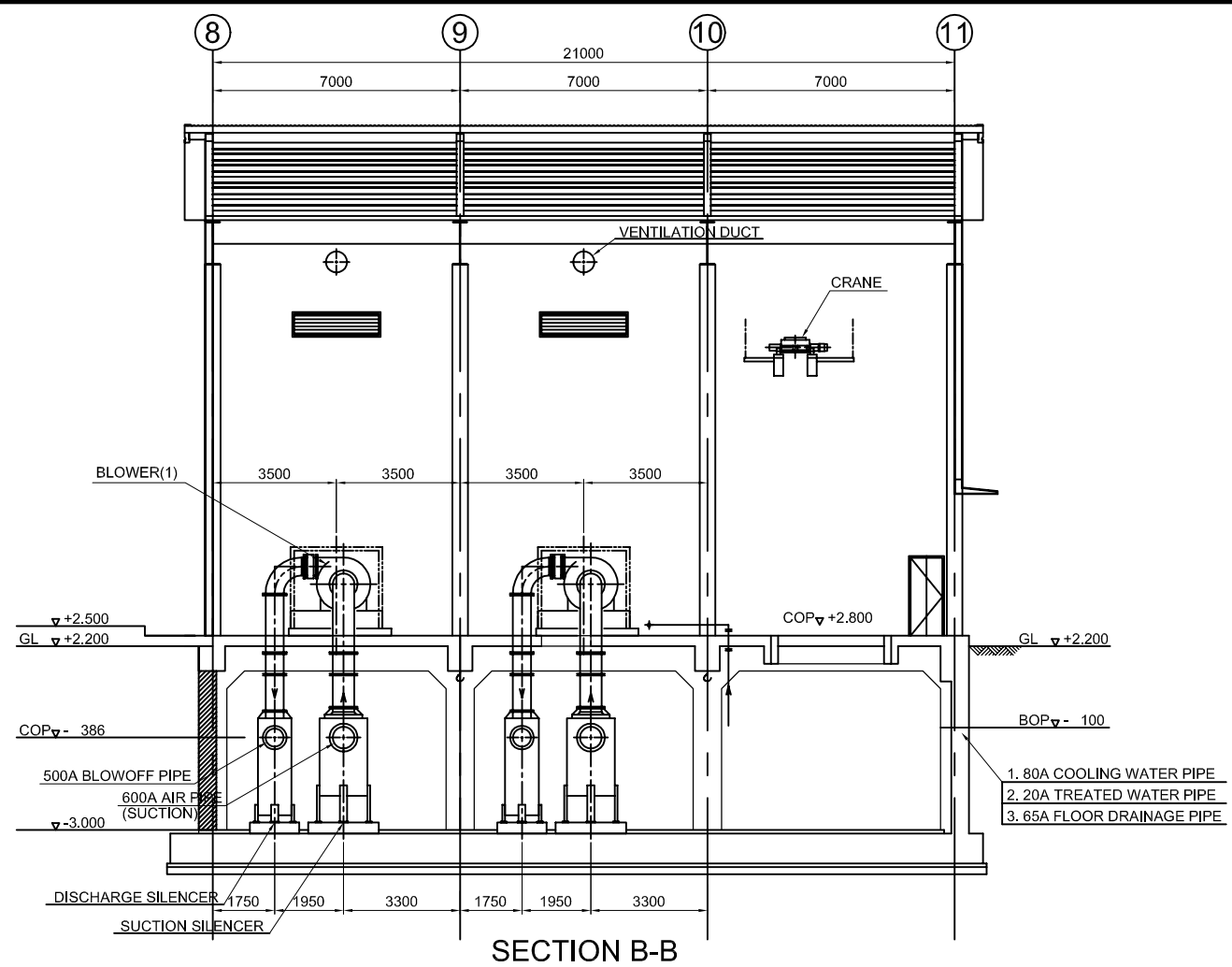
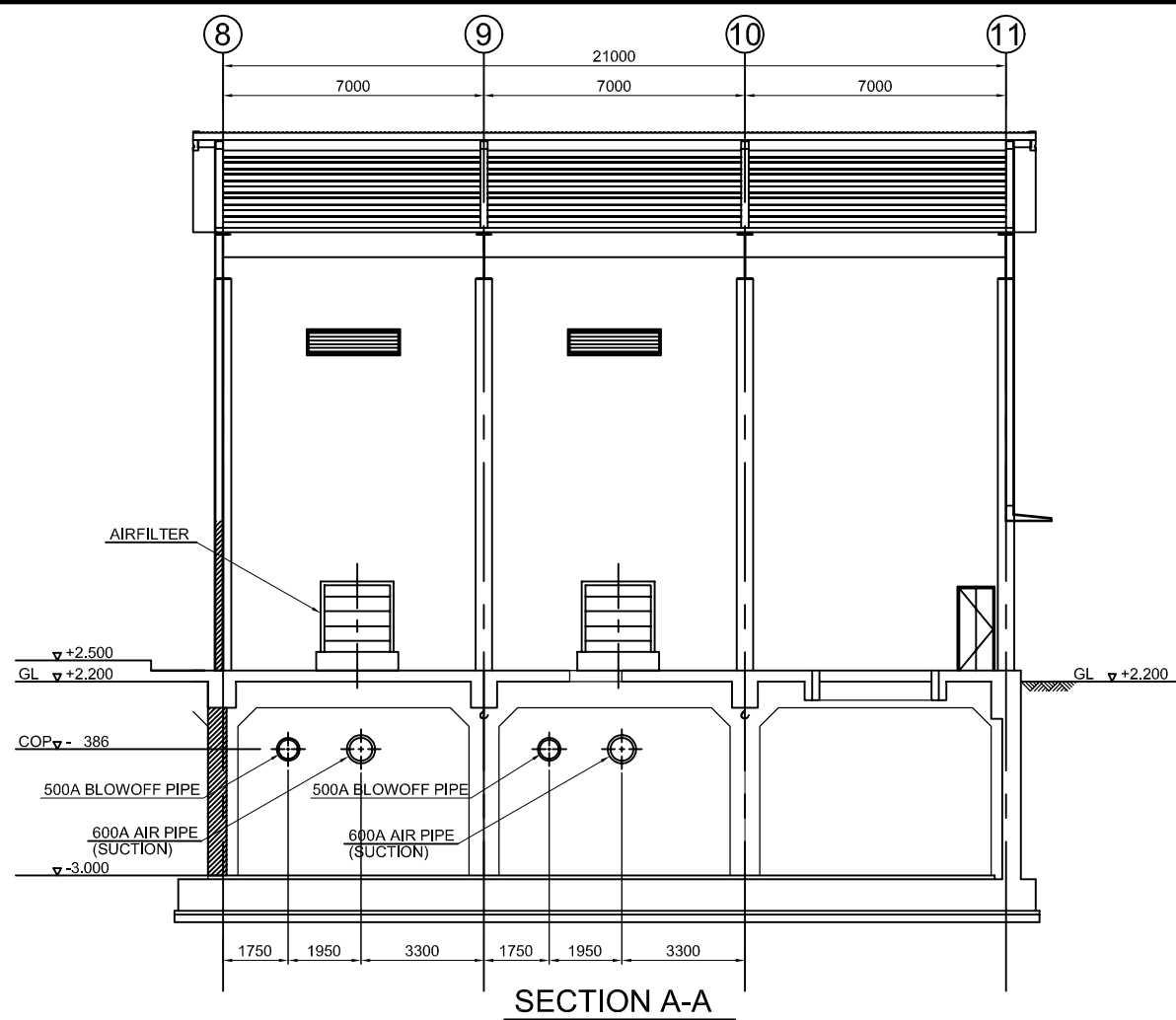
SCALE : 1:100

JICA JAPAN INTERNATIONAL COOPERATION
AGENCY (JICA)

PACIFIC CONSULTANTS INTERNATIONAL

DESIGNED KAWAZU SHINYA	CHECKED KONDO MASAMI
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DATE : JUNE 2001 DWG. No. PE -WWTP - 416



NO.	DATE	DESCRIPTIONS	BY	APRO.

REVISIONS

PROJECT MANAGEMENT UNIT FOR
WATER ENVIRONMENT IMPROVEMENT FOR
HO CHI MINH CITY

THE DETAILD DESIGN ON HO CHI MINH CITY
WATER ENVIRONMENT IMPROVEMENT PROJECT
IN THE SOCIALIST REPUBLIC OF VIET NAM

PACKAGE E
WASTEWATER TREATMENT PLANT
BLOWER FACILITY CROSS SECTION

SCALE : 1:100

JICA JAPAN INTERNATIONAL COOPERATION
AGENCY (JICA)

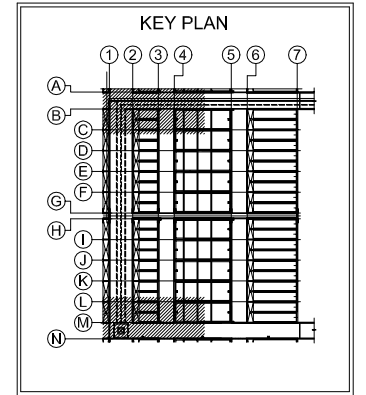
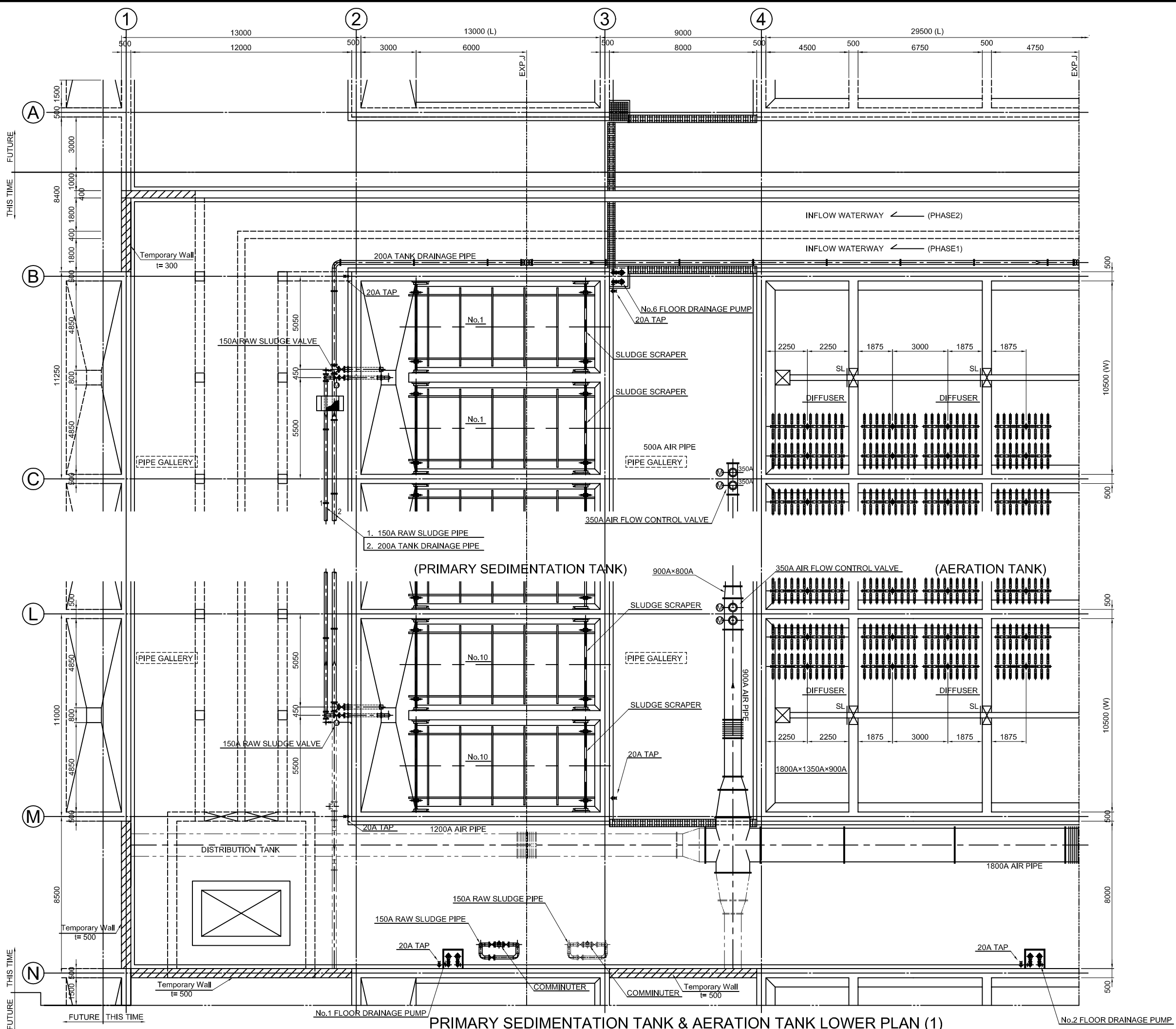
PACIFIC CONSULTANTS INTERNATIONAL

DESIGNED
KAWAZU SHINYA

CHECKED
KONDO MASAMI

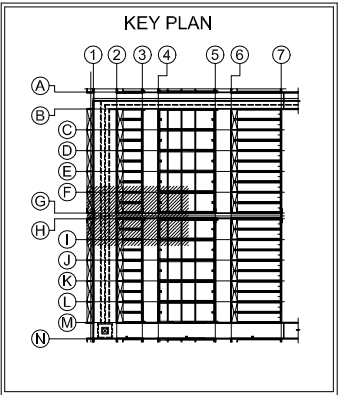
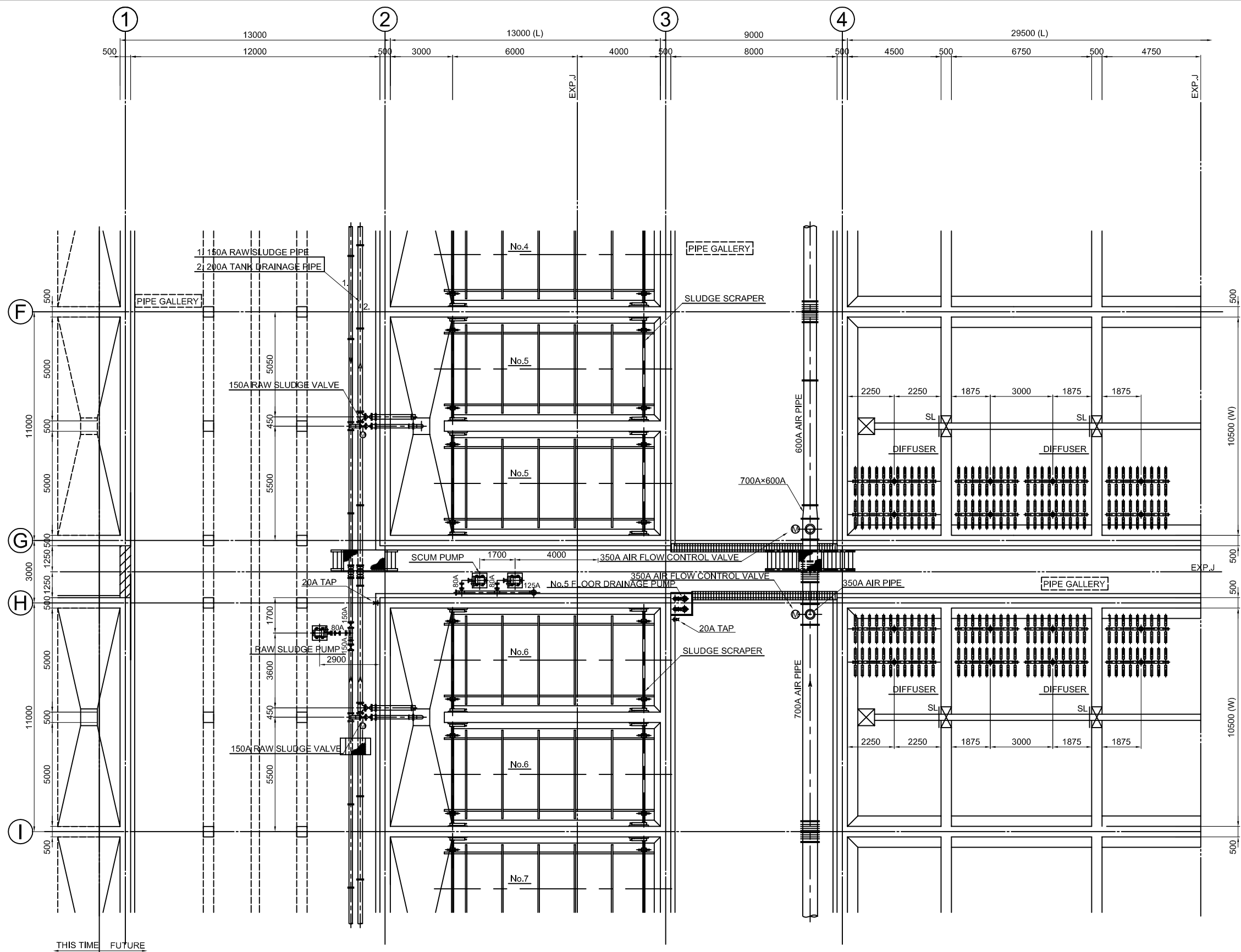
DATE : JUNE 2001

DWG. No. PE -WWTP - 417



NO.	DATE	DESCRIPTIONS	BY	APRO.
REVISIONS				
PROJECT MANAGEMENT UNIT FOR WATER ENVIRONMENT IMPROVEMENT FOR HO CHI MINH CITY				
THE DETAILD DESIGN ON HO CHI MINH CITY WATER ENVIRONMENT IMPROVEMENT PROJECT IN THE SOCIALIST REPUBLIC OF VIET NAM				
PACKAGE E WASTEWATER TREATMENT PLANT WATER TREATMENT FACILITY PLAN (1 / 20)				
SCALE : 1:100				
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)				
PACIFIC CONSULTANTS INTERNATIONAL				
DESIGNED KAWAZU SHINYA		CHECKED KONDO MASAMI		
DATE : JUNE 2001		DWG. No. PE - WWTP - 421		

PRIMARY SEDIMENTATION TANK & AERATION TANK LOWER PLAN (1)



NO.	DATE	DESCRIPTIONS	BY	APRO.

REVISIONS

PROJECT MANAGEMENT UNIT FOR
WATER ENVIRONMENT IMPROVEMENT FOR
HO CHI MINH CITY

THE DETAILD DESIGN ON HO CHI MINH CITY
WATER ENVIRONMENT IMPROVEMENT PROJECT
IN THE SOCIALIST REPUBLIC OF VIET NAM

PACKAGE E
WASTEWATER TREATMENT PLANT
WATER TREATMENT FACILITY PLAN
(2 / 20)

SCALE : 1:100

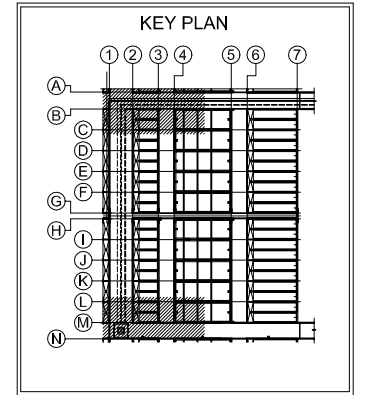
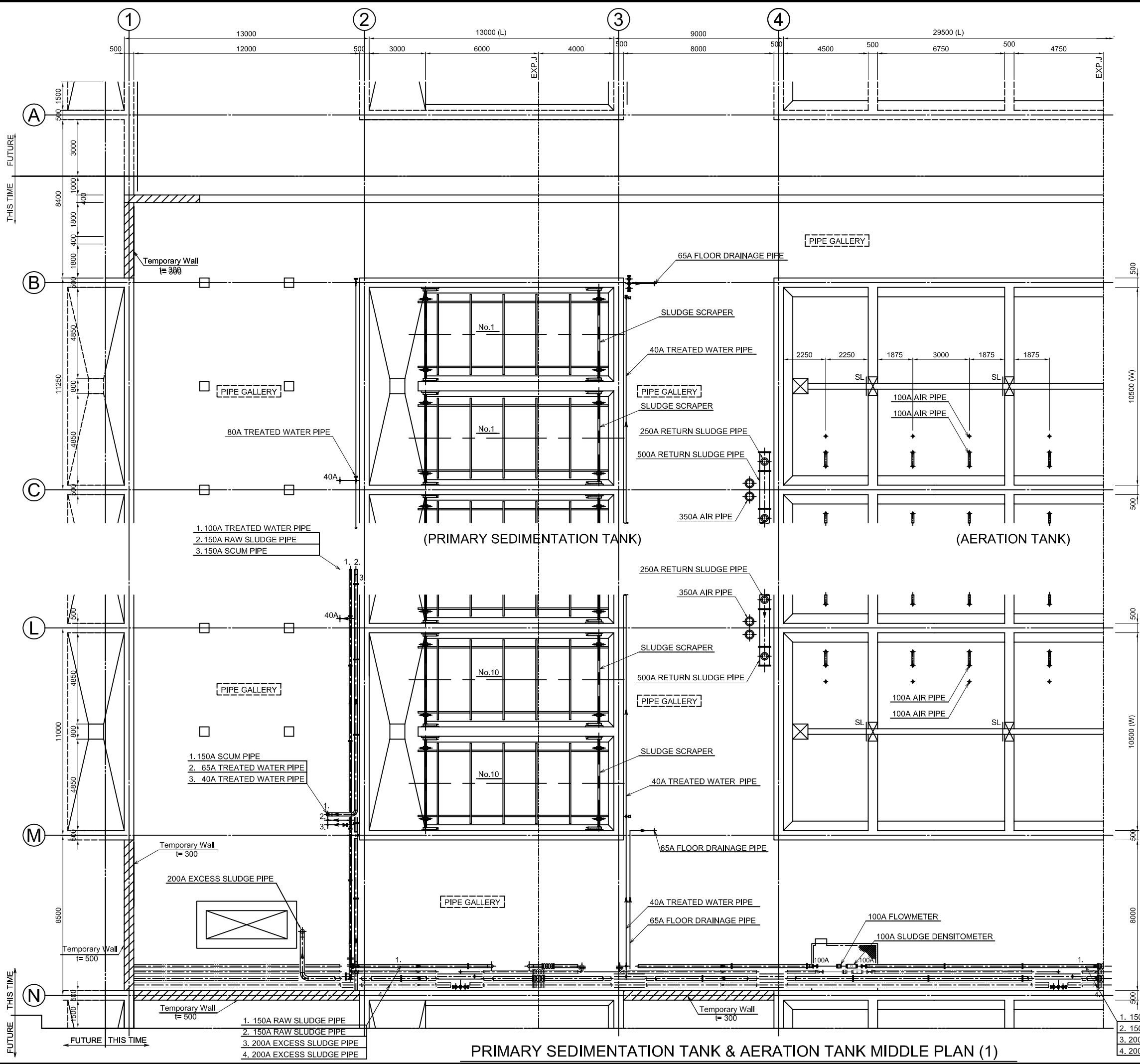
JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

PACIFIC CONSULTANTS INTERNATIONAL

DESIGNED KAWAZU SHINYA	CHECKED KONDO MASAMI
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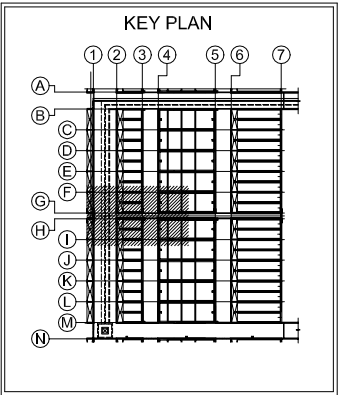
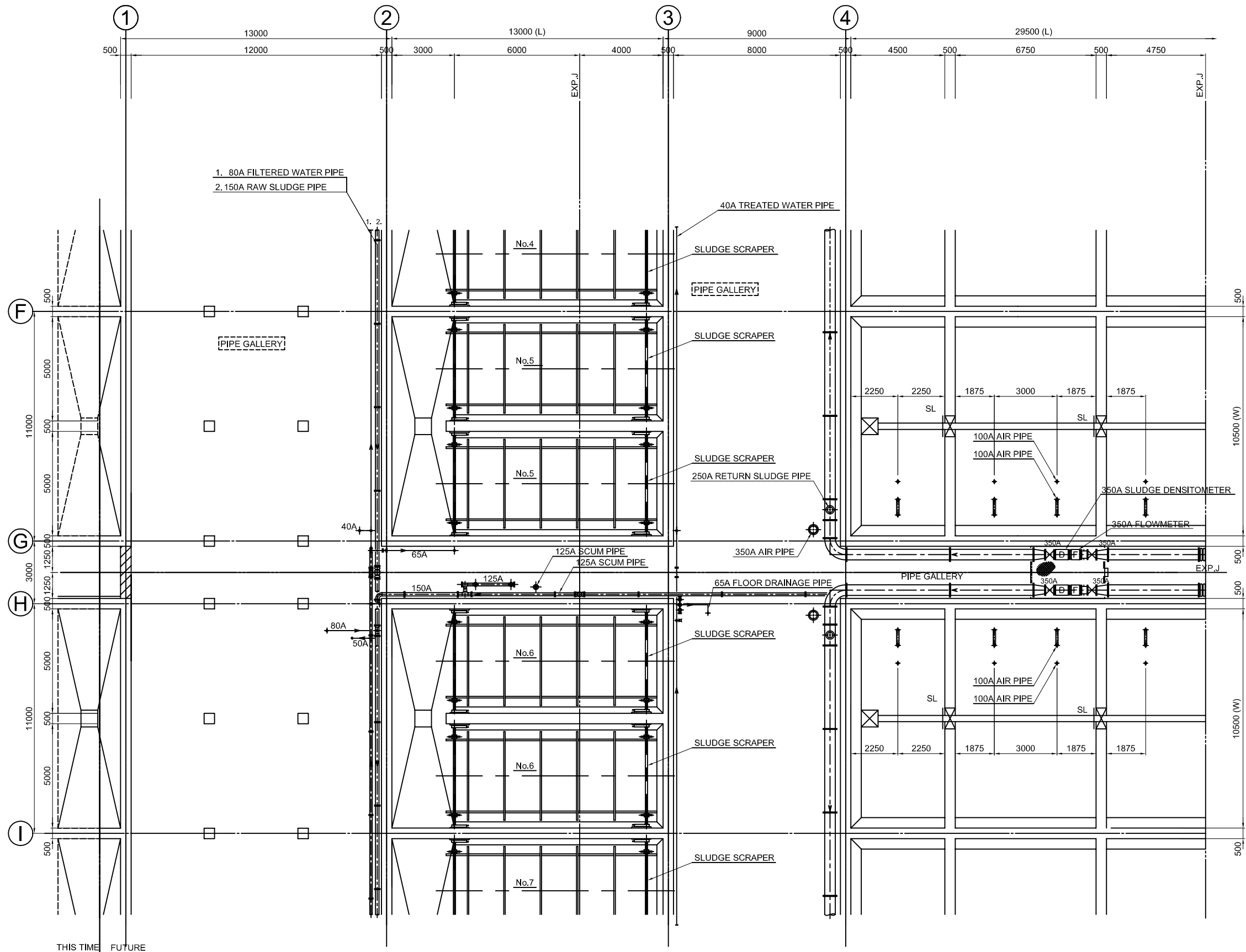
DATE : JUNE 2001 DWG. No. PE - WWTP - 422

PRIMARY SEDIMENTATION TANK & AERATION TANK LOWER PLAN (2)



PRIMARY SEDIMENTATION TANK & AERATION TANK MIDDLE PLAN (1)

NO.	DATE	DESCRIPTIONS	BY	APRO.
REVISIONS				
PROJECT MANAGEMENT UNIT FOR WATER ENVIRONMENT IMPROVEMENT FOR HO CHI MINH CITY				
THE DETAILD DESIGN ON HO CHI MINH CITY WATER ENVIRONMENT IMPROVEMENT PROJECT IN THE SOCIALIST REPUBLIC OF VIET NAM				
PACKAGE E WASTEWATER TREATMENT PLANT WATER TREATMENT FACILITY PLAN (3 / 20)				
SCALE : 1:100				
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)				
PACIFIC CONSULTANTS INTERNATIONAL				
DESIGNED KAWAZU SHINYA		CHECKED KONDO MASAMI		
DATE : JUNE 2001		DWG. No. PE - WWTP - 423		



NO.	DATE	DESCRIPTIONS	BY	APRO.

REVISIONS

PROJECT MANAGEMENT UNIT FOR
WATER ENVIRONMENT IMPROVEMENT FOR
HO CHI MINH CITY

THE DETAILD DESIGN ON HO CHI MINH CITY
WATER ENVIRONMENT IMPROVEMENT PROJECT
IN THE SOCIALIST REPUBLIC OF VIET NAM

PACKAGE E
WASTEWATER TREATMENT PLANT
WATER TREATMENT FACILITY PLAN
(4 / 20)

SCALE : 1:100

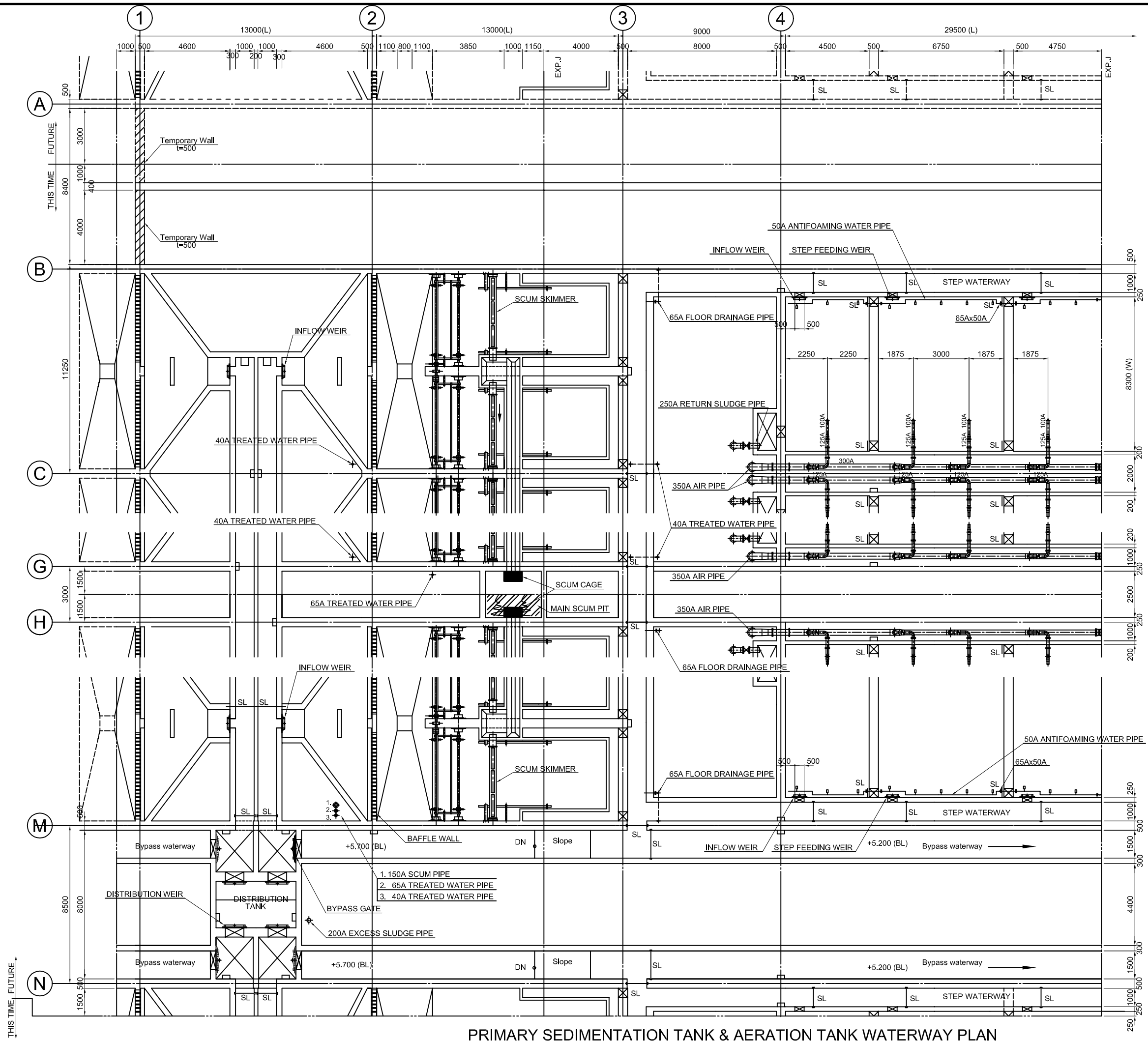
JICA JAPAN INTERNATIONAL COOPERATION
AGENCY (JICA)

PACIFIC CONSULTANTS INTERNATIONAL

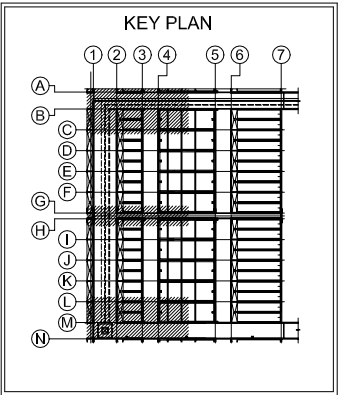
DESIGNED KAWAZU SHINYA	CHECKED KONDO MASAMI
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DATE : JUNE 2001 DWG. No. PE - WWTP - 424

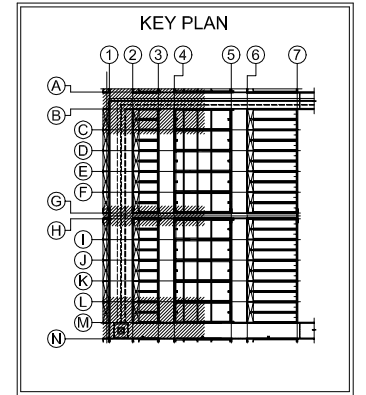
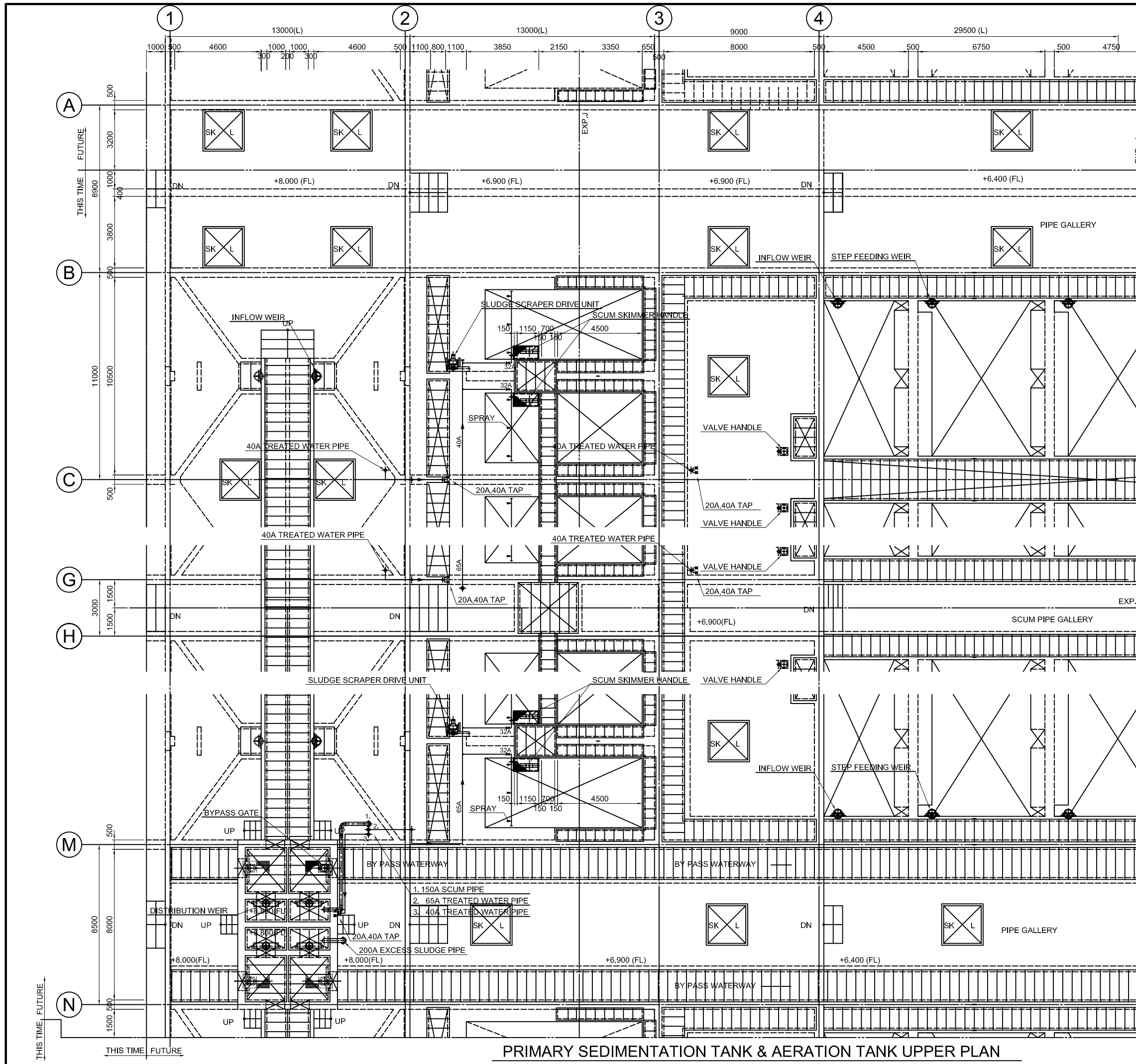
PRIMARY SEDIMENTATION TANK & AERATION TANK MIDDLE PLAN (2)



PRIMARY SEDIMENTATION TANK & AERATION TANK WATERWAY PLAN

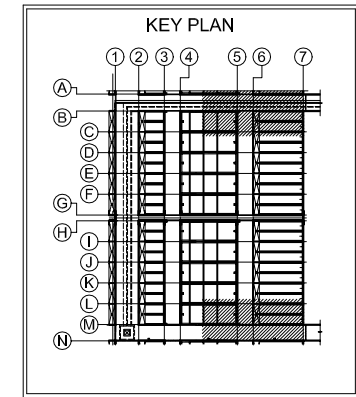
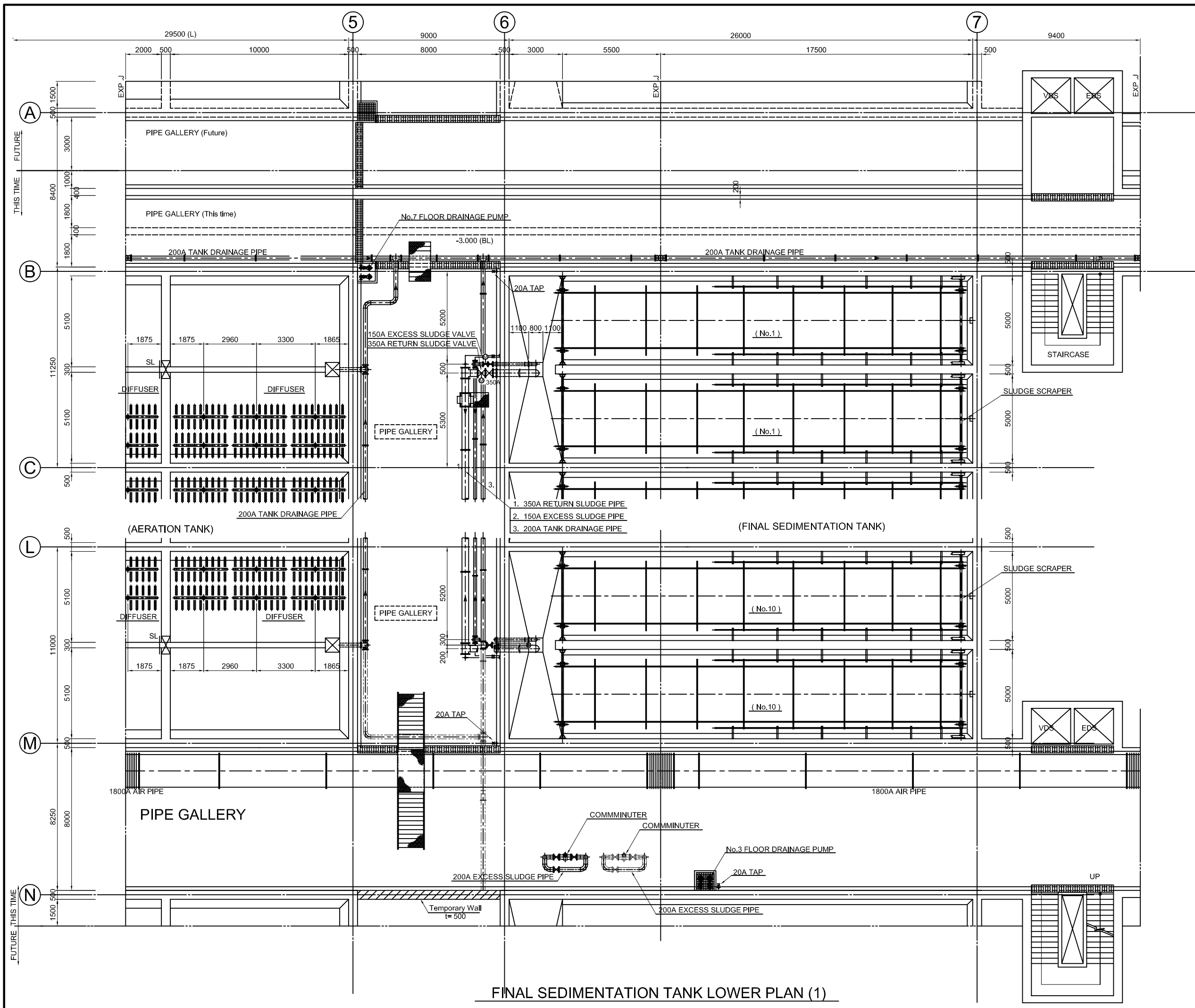


NO.	DATE	DESCRIPTIONS	BY	APRO.
REVISIONS				
PROJECT MANAGEMENT UNIT FOR WATER ENVIRONMENT IMPROVEMENT FOR HO CHI MINH CITY				
THE DETAILD DESIGN ON HO CHI MINH CITY WATER ENVIRONMENT IMPROVEMENT PROJECT IN THE SOCIALIST REPUBLIC OF VIET NAM				
PACKAGE E WASTEWATER TREATMENT PLANT WATER TREATMENT FACILITY PLAN (5 / 20)				
SCALE : 1:100				
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)				
PACIFIC CONSULTANTS INTERNATIONAL				
DESIGNED KAWAZU SHINYA		CHECKED KONDO MASAMI		
DATE : JUNE 2001		DWG. No. PE - WWTP - 425		



PRIMARY SEDIMENTATION TANK & AERATION TANK UPPER PLAN

NO.	DATE	DESCRIPTIONS	BY	APRO.
REVISIONS				
PROJECT MANAGEMENT UNIT FOR WATER ENVIRONMENT IMPROVEMENT FOR HO CHI MINH CITY				
THE DETAILD DESIGN ON HO CHI MINH CITY WATER ENVIRONMENT IMPROVEMENT PROJECT IN THE SOCIALIST REPUBLIC OF VIET NAM				
PACKAGE E WASTEWATER TREATMENT PLANT WATER TREATMENT FACILITY PLAN (6 / 20)				
SCALE : 1:100				
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)				
PACIFIC CONSULTANTS INTERNATIONAL				
DESIGNED KAWAZU SHINYA		CHECKED KONDO MASAMI		
DATE : JUNE 2001		DWG. No. PE -WWTP - 426		



NO.	DATE	DESCRIPTIONS	BY	APRO.
REVISIONS				
PROJECT MANAGEMENT UNIT FOR WATER ENVIRONMENT IMPROVEMENT FOR HO CHI MINH CITY				
THE DETAILD DESIGN ON HO CHI MINH CITY WATER ENVIRONMENT IMPROVEMENT PROJECT IN THE SOCIALIST REPUBLIC OF VIET NAM				
PACKAGE E WASTEWATER TREATMENT PLANT WATER TREATMENT FACILITY PLAN (7 / 20)				
SCALE : 1:100				
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)				
PACIFIC CONSULTANTS INTERNATIONAL				
DESIGNED KAWAZU SHINYA		CHECKED KONDO MASAMI		
DATE : JUNE 2001		DWG. No. PE - WWTP - 427		

FINAL SEDIMENTATION TANK LOWER PLAN (1)