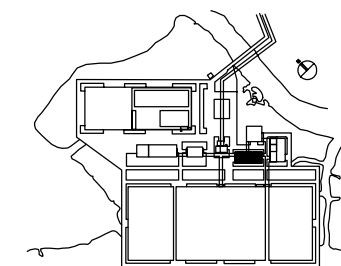


FIRST FLOOR - FIRE ALARM PLAN
SCALE: 1/150

FUTURE FIRST STAGE

- LEGEND**
- TX - TX BEAM TYPE
 - RX - RX BEAM TYPE
 - EMERGENCY BUTTON
 - FIRE ALARM BELL
 - HOSE REEL BOX
 - ABC FIRE EXTINGUISHER 8KG
 - SIREN
 - SMOKE DETECTOR ION-POINT TYPE



NO.	DATE	DESCRIPTIONS	BY	APPRO.
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REVISIONS

PROJECT MANAGEMENT UNIT FOR
HO CHI MINH CITY
WATER ENVIRONMENT IMPROVEMENT

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

PACKAGE E
WASTEWATER TREATMENT PLANT

BLOWER BUILDING PLAN
FIRST FLOOR PLAN
FIRE ALARM PLAN

SCALE : 1/150

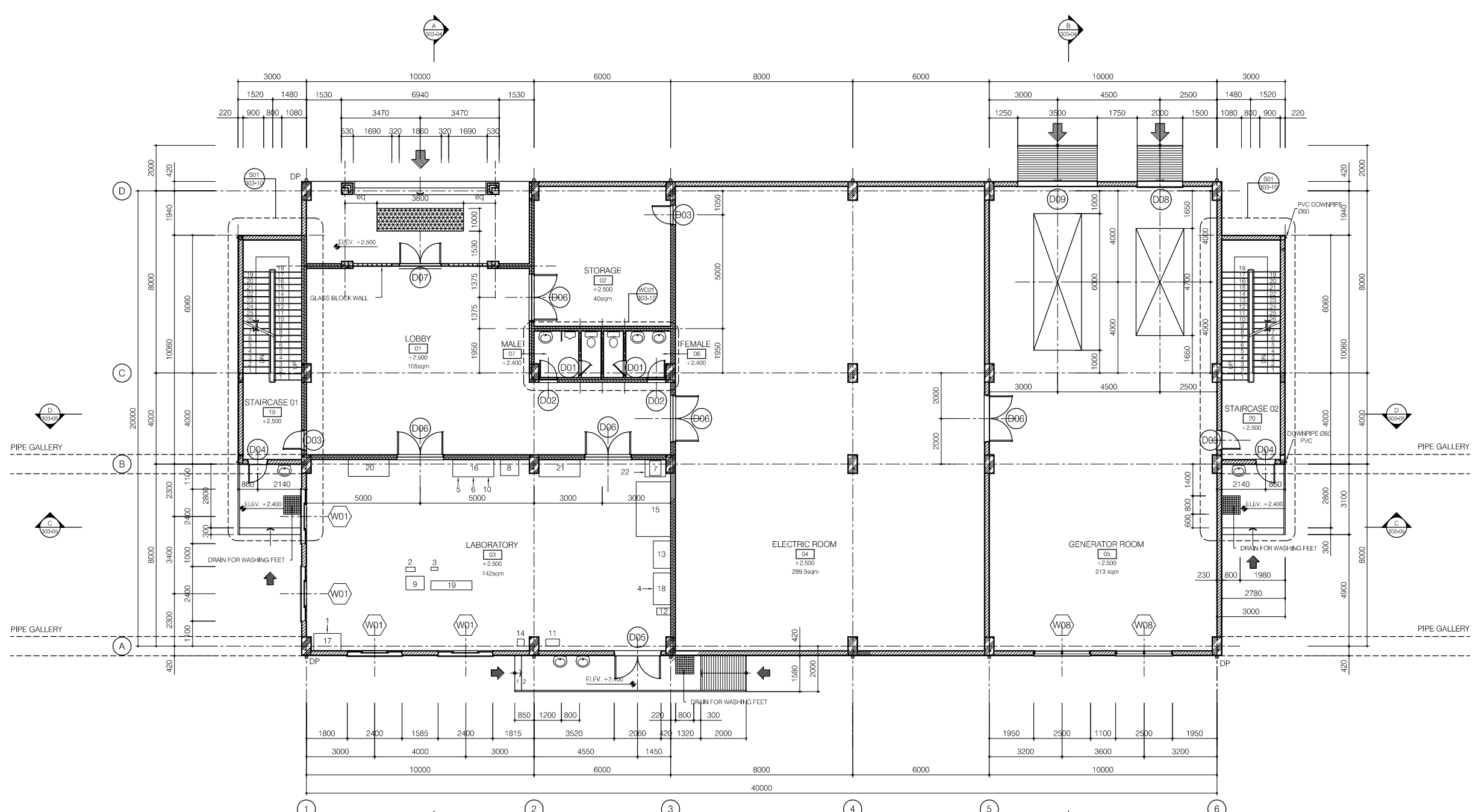
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

PACIFIC CONSULTANTS INTERNATIONAL

DESIGNED KIKUTA HIROSHI	CHECKED KONDO MASAMI
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DATE : JUNE 2001 DWG. No. PE-WWTP-302-21

Main office building



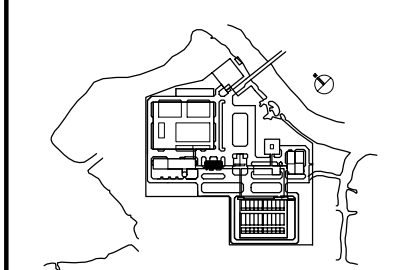
FIRST FLOOR PLAN

LEGEND

	190mm THK. BRICK WALL, 20THK CEM./SAND RENDERING ON SURFACE / TUONG GACH DAY 190mm, TRAT VUA DAY 20 MOI MAT
	90mm THK. BRICK WALL, 20THK CEM./SAND RENDERING ON SURFACE / TUONG GACH DAY 90mm, TRAT VUA DAY 20 MOI MAT

LABORATORY FACILITIES

NO.	FACILITY	UNIT
1.	BALANCE FACILITY	1
2.	PH METER (400Wx200Lx100H)	2
3.	DO METER (300Wx150Lx250H)	2
4.	MICROSCOPE (400Wx400Lx500H)	2
5.	ELECTRIC DRYER (750Wx700Lx850H)	1
6.	HOT BATH FACILITY (100Wx450Lx250H)	1
7.	ELECTRIC FIREPLACE (500Wx650Lx800H)	1
8.	INCUBATION FACILITY (800Wx700Lx1200H)	1
9.	PURE WATER PRODUCE FACILITY (800Wx600Lx1600H)	1
10.	CENTRIFUGAL SEPARATOR (450Wx600Lx800H)	1
11.	VACUUM PUMP (600Wx300Lx400H)	1
12.	REFRIGERATOR (800Wx750Lx2300H)	1
13.	DRAFT CHAMBER (1200Wx750Lx2350H)	1
14.	KETTLE FACILITY (300Wx150Lx600H)	1
15.	CENTRAL TESTING BENCH (2400Wx1500Lx800H)	1
16.	SIDE WALL TESTING BENCH (2400Wx750Lx800H)	1
17.	BALANCE STAND (1200Wx750Lx750H)	1
18.	MICROSCOPE STAND (1400Wx750Lx750H)	1
19.	MEDICINES CABINET (1800Wx400Lx1800L)	1
20.	TOOL CABINET (1800Wx400Lx1800H)	1
21.	SINK (FLOOR) (1800Wx750Lx200H)	1
22.	STAINLESS STEEL SINK (900Wx750Lx800H)	1



NO.	DATE	DESCRIPTIONS	BY	APPRO.

REVISIONS

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HO CHI MINH CITY
WATER ENVIRONMENT IMPROVEMENT

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

PACKAGE E
WASTEWATER TREATMENT PLANT
MAIN BUILDING
FIRST FLOOR PLAN

SCALE : 1/100

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

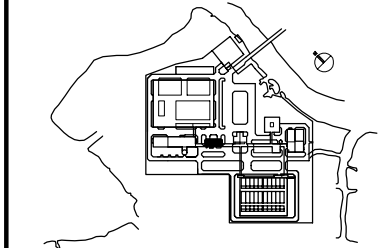
PACIFIC CONSULTANTS INTERNATIONAL

DESIGNED: KIKUTA HIROSHI
CHECKED: KONDO MASAMI

DATE : JUNE 2001
DWG. No. PE-WWTP-303-01

LEGEND

- 190mm THK. BRICK WALL, 20THK CEM./SAND RENDERING ON SURFACE / TƯỜNG GẠCH NGÀY 190mm, TRÁT VUA NGÀY 20 MÔI MAT
- 90mm THK. BRICK WALL, 20THK CEM./SAND RENDERING ON SURFACE / TƯỜNG GẠCH NGÀY 90mm, TRÁT VUA NGÀY 20 MÔI MAT



NO.	DATE	DESCRIPTIONS	BY	APPRO.

REVISIONS

PROJECT MANAGEMENT UNIT FOR
HO CHI MINH CITY
WATER ENVIRONMENT IMPROVEMENT

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

PACKAGE E
WASTEWATER TREATMENT PLANT
MAIN BUILDING
SECOND FLOOR PLAN

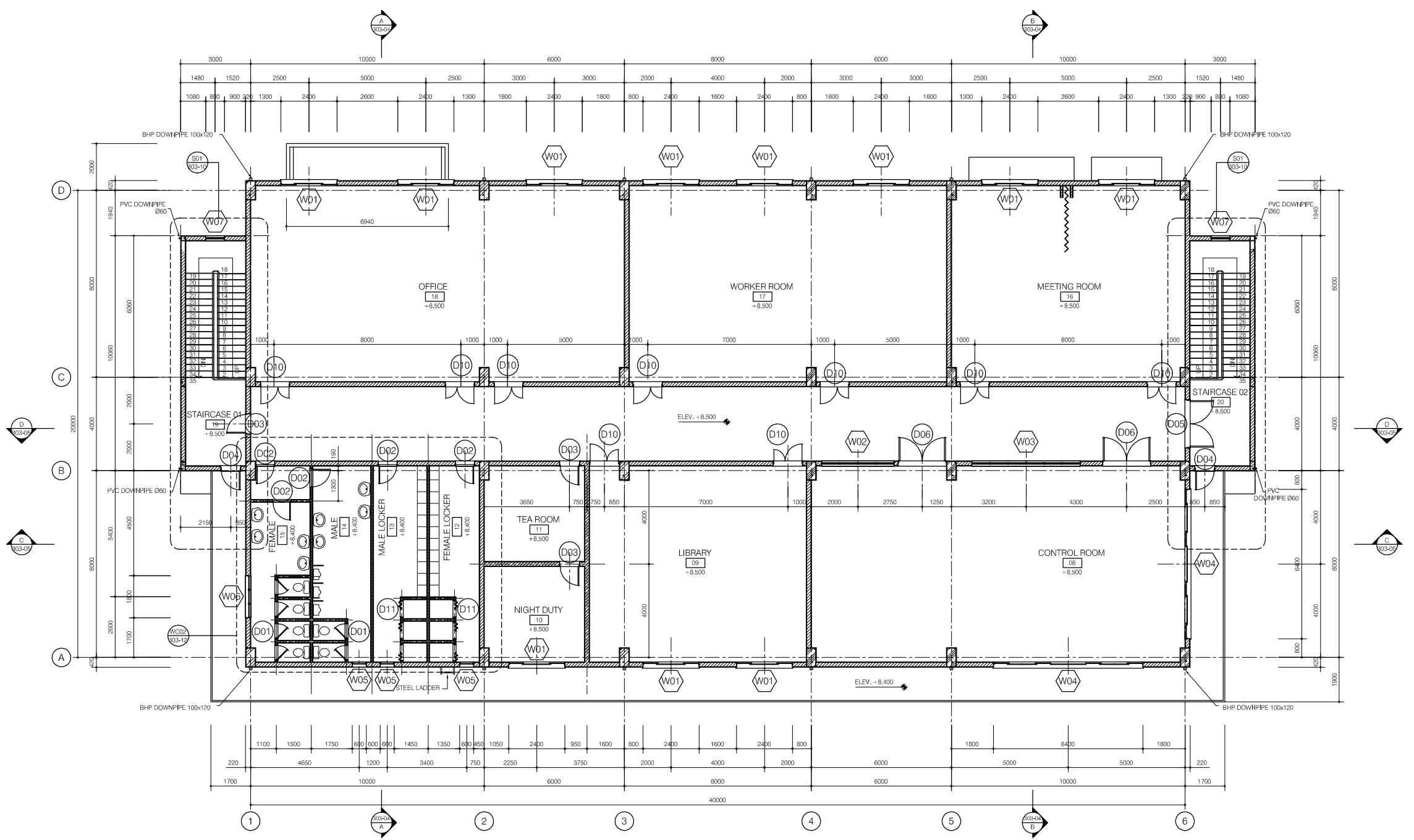
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JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

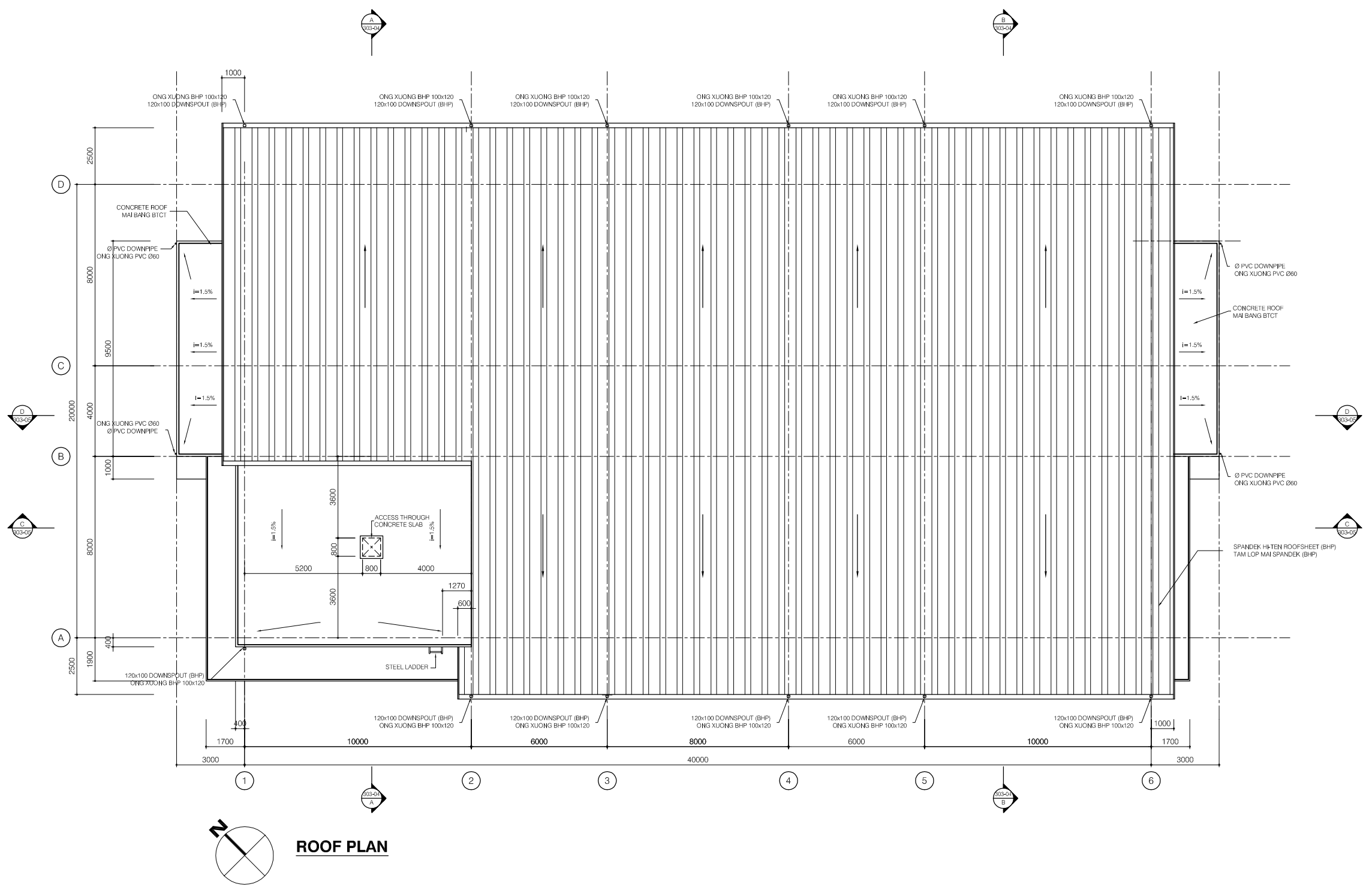
PACIFIC CONSULTANTS INTERNATIONAL

DESIGNED KIKUTA HIROSHI	CHECKED KONDO MASAMI
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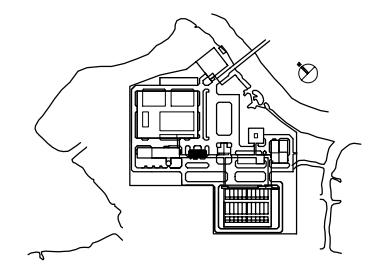
DATE : JUNE 2001 DWG. No. PE-WWTP-303-02



SECOND FLOOR PLAN



ROOF PLAN



NO.	DATE	DESCRIPTIONS	BY	APRO.

REVISIONS

PROJECT MANAGEMENT UNIT FOR
HO CHI MINH CITY
WATER ENVIRONMENT IMPROVEMENT

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

PACKAGE E
WASTEWATER TREATMENT PLANT
**MAIN BUILDING
ROOF PLAN**

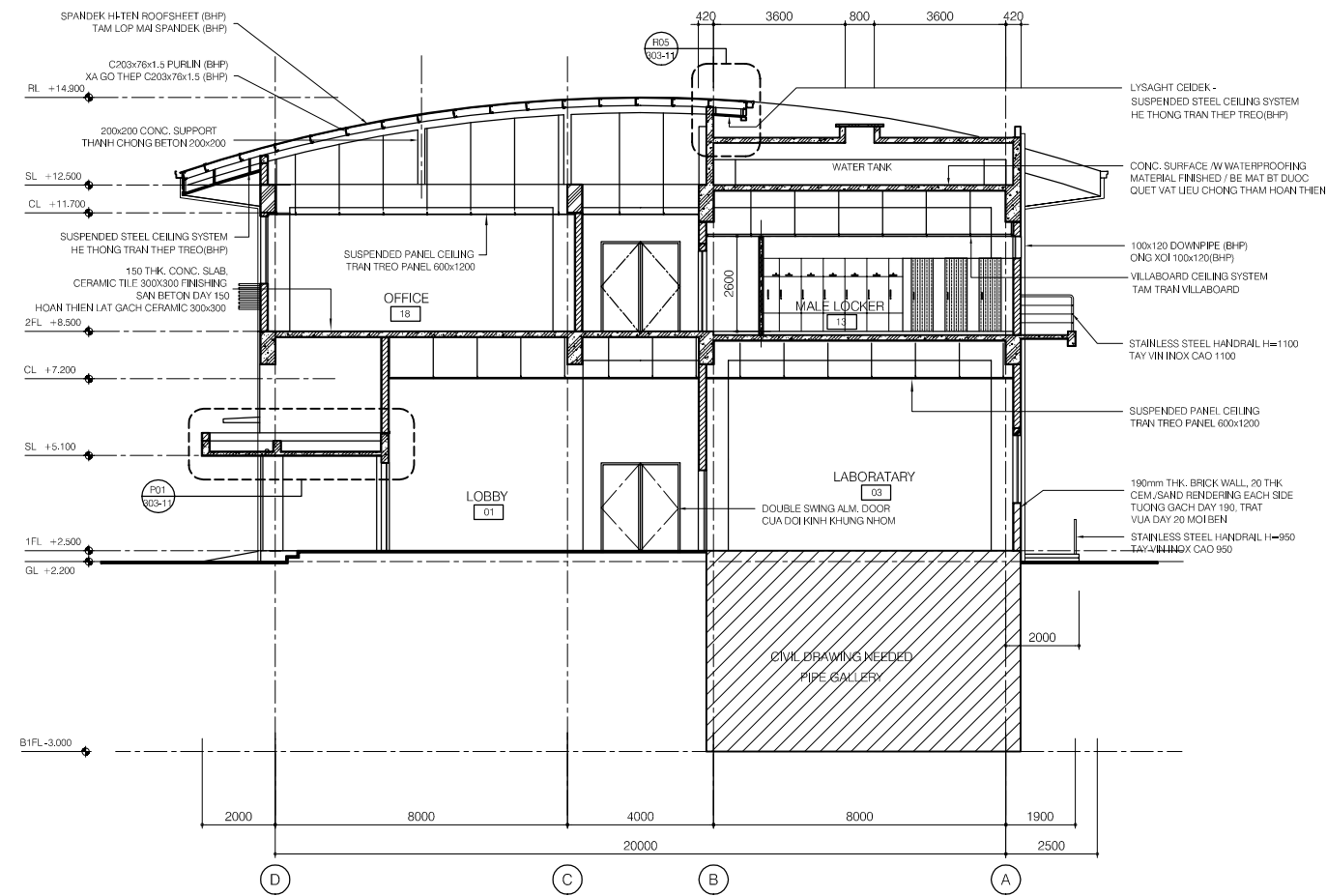
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JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

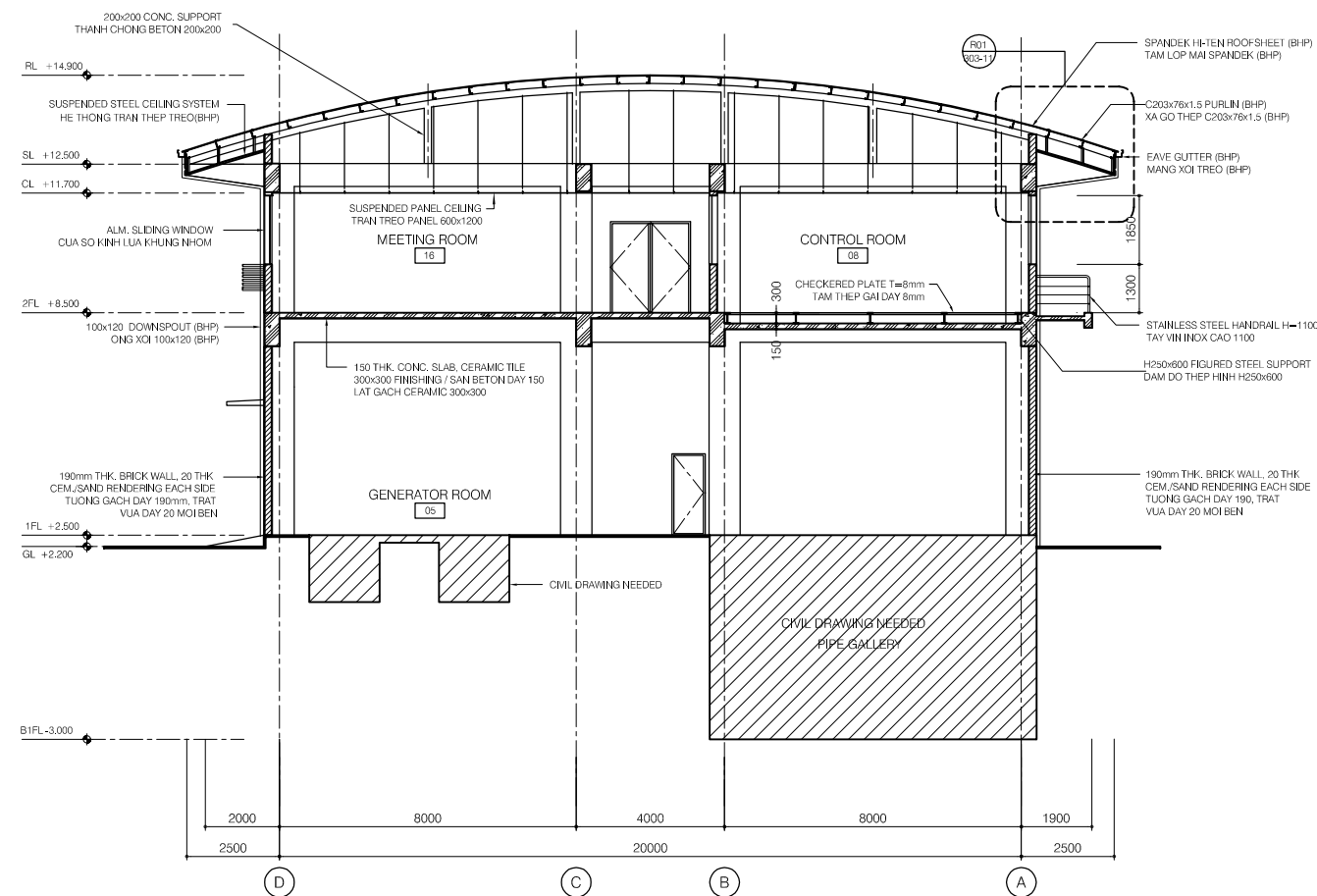
PACIFIC CONSULTANTS INTERNATIONAL

DESIGNED KIKUTA HIROSHI	CHECKED KONDO MASAMI
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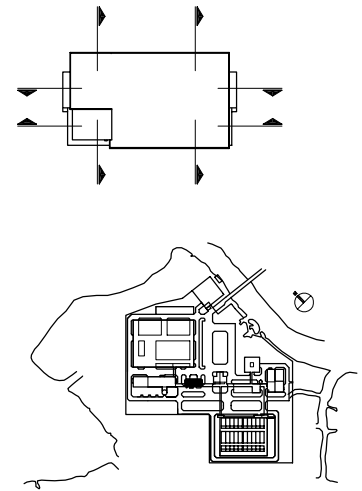
DATE : JUNE 2001 DWG. No. PE-WWTP-303-03





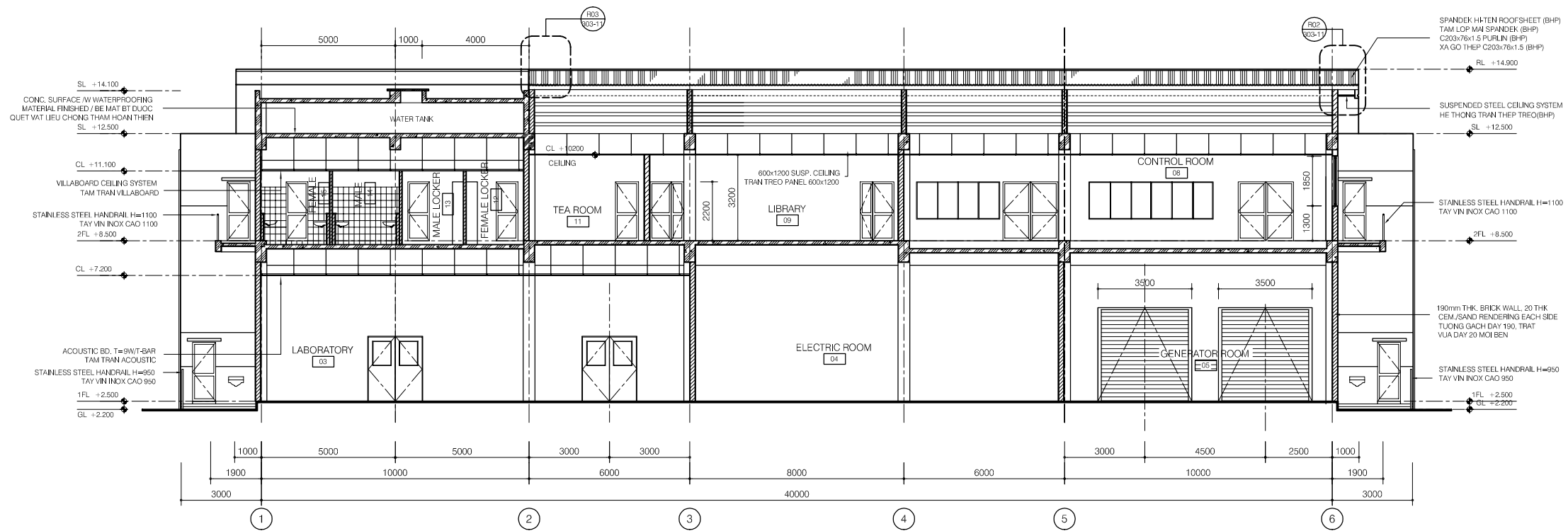
SECTION A-A



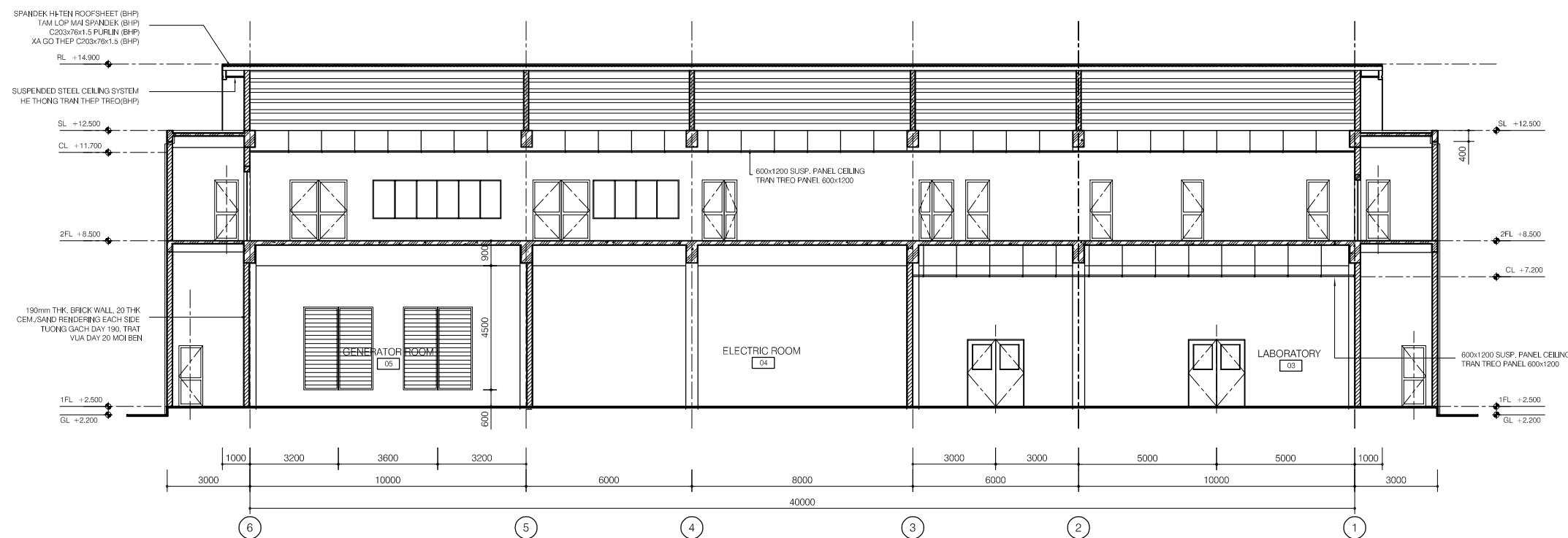
SECTION B-B



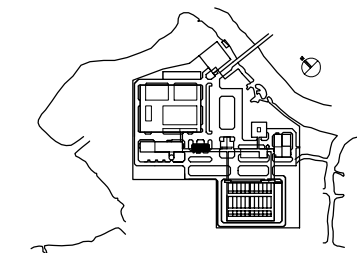
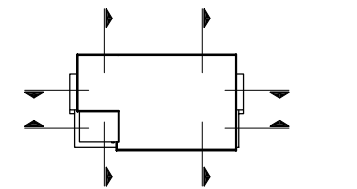
NO.	DATE	DESCRIPTIONS	BY	APPRO.
REVISIONS				
PROJECT MANAGEMENT UNIT FOR HO CHI MINH CITY WATER ENVIRONMENT IMPROVEMENT				
THE DETAILED DESIGN STUDY ON HO CHI MINH CITY WATER ENVIRONMENT IMPROVEMENT PROJECT IN THE SOCIALIST REPUBLIC OF VIET NAM				
PACKAGE E WASTEWATER TREATMENT PLANT MAIN BUILDING SECTION A-A, B-B				
SCALE : 1/100				
 JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)				
 PACIFIC CONSULTANTS INTERNATIONAL				
DESIGNED KIKUTA HIROSHI		CHECKED KONDO MASAMI		
DATE : JUNE 2001		DWG. No. PE-WWTP-303-04		



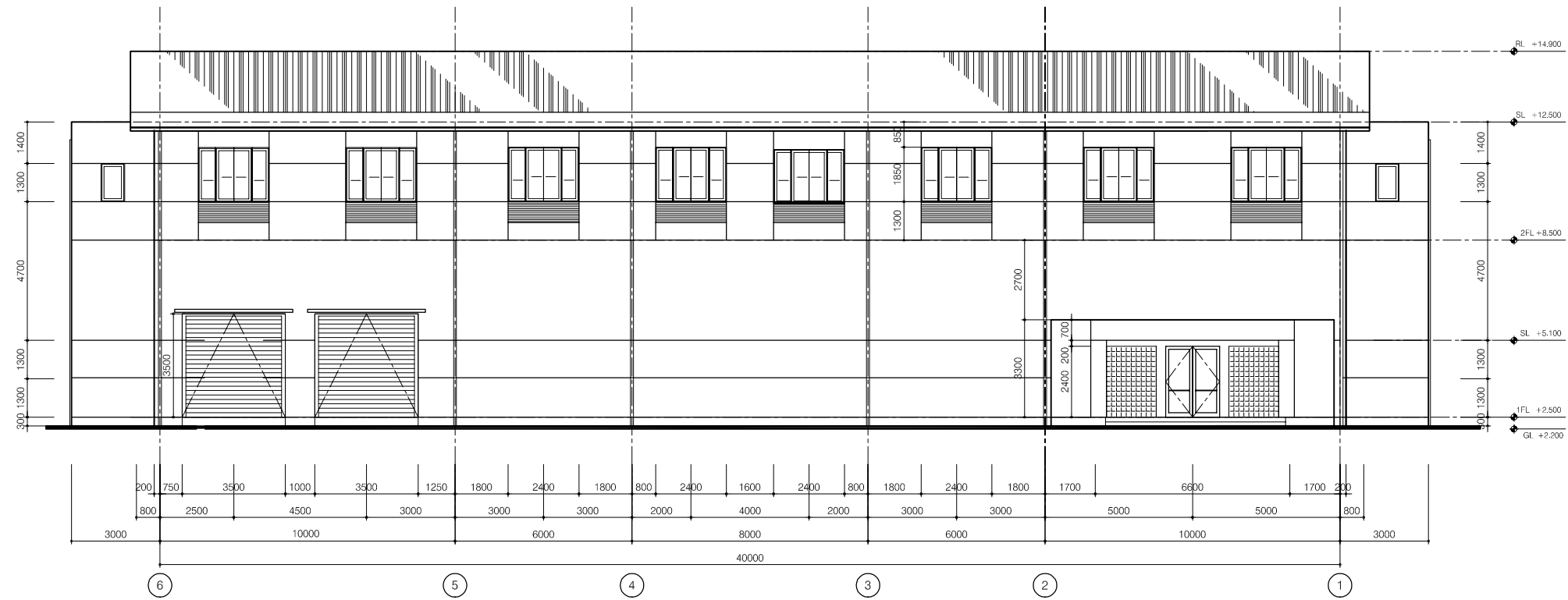
SECTION C-C



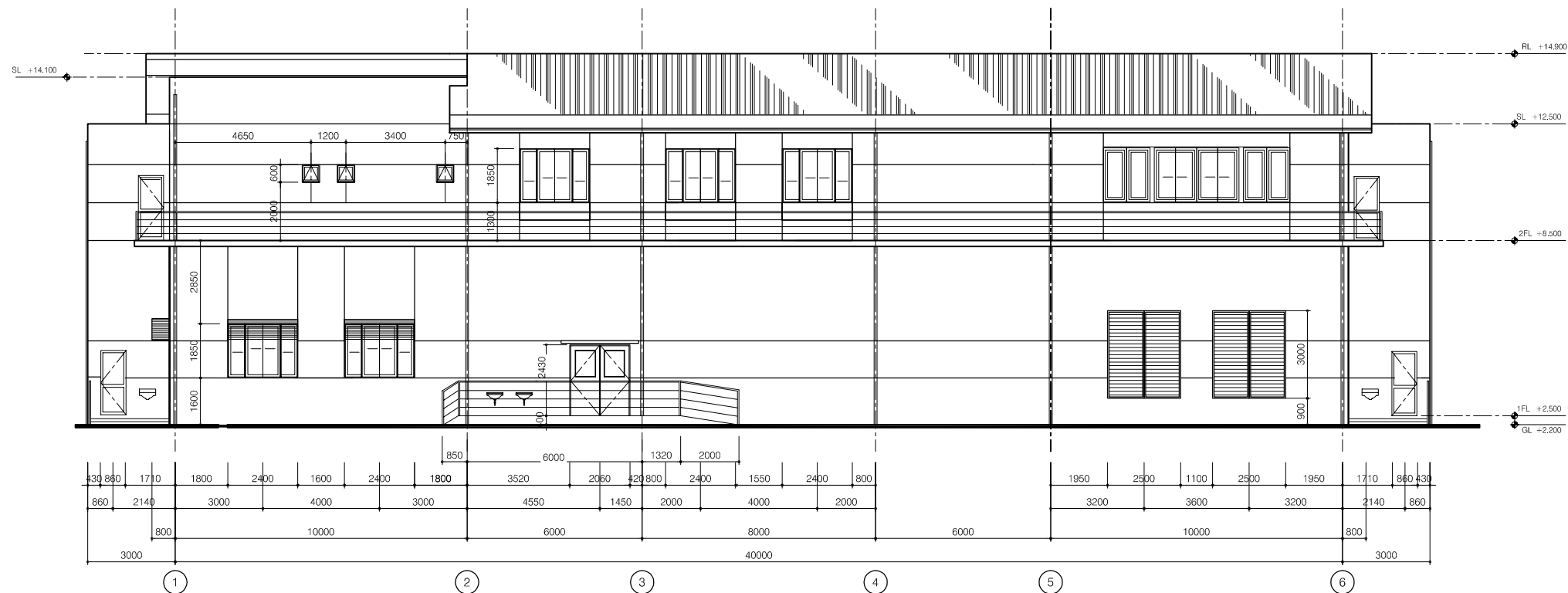
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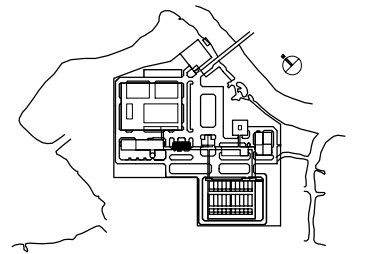
NO.	DATE	DESCRIPTIONS	BY	APPRO.
REVISIONS				
PROJECT MANAGEMENT UNIT FOR HO CHI MINH CITY WATER ENVIRONMENT IMPROVEMENT				
THE DETAILED DESIGN STUDY ON HO CHI MINH CITY WATER ENVIRONMENT IMPROVEMENT PROJECT IN THE SOCIALIST REPUBLIC OF VIET NAM				
PACKAGE E WASTEWATER TREATMENT PLANT MAIN BUILDING SECTION C-C, D-D				
SCALE : 1/100				
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)				
PACIFIC CONSULTANTS INTERNATIONAL				
DESIGNED KIKUTA HIROSHI		CHECKED KONDO MASAMI		
DATE : JUNE 2001		DWG. No. PE-WWTP-303-05		



ELEVATION LINE D



ELEVATION LINE A



NO.	DATE	DESCRIPTIONS	BY	APRO.
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REVISIONS

PROJECT MANAGEMENT UNIT FOR
HO CHI MINH CITY
WATER ENVIRONMENT IMPROVEMENT

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

PACKAGE E
WASTE WATER TREATMENT PLANT

**MAIN BUILDING
ELEVATION LINE A & D**

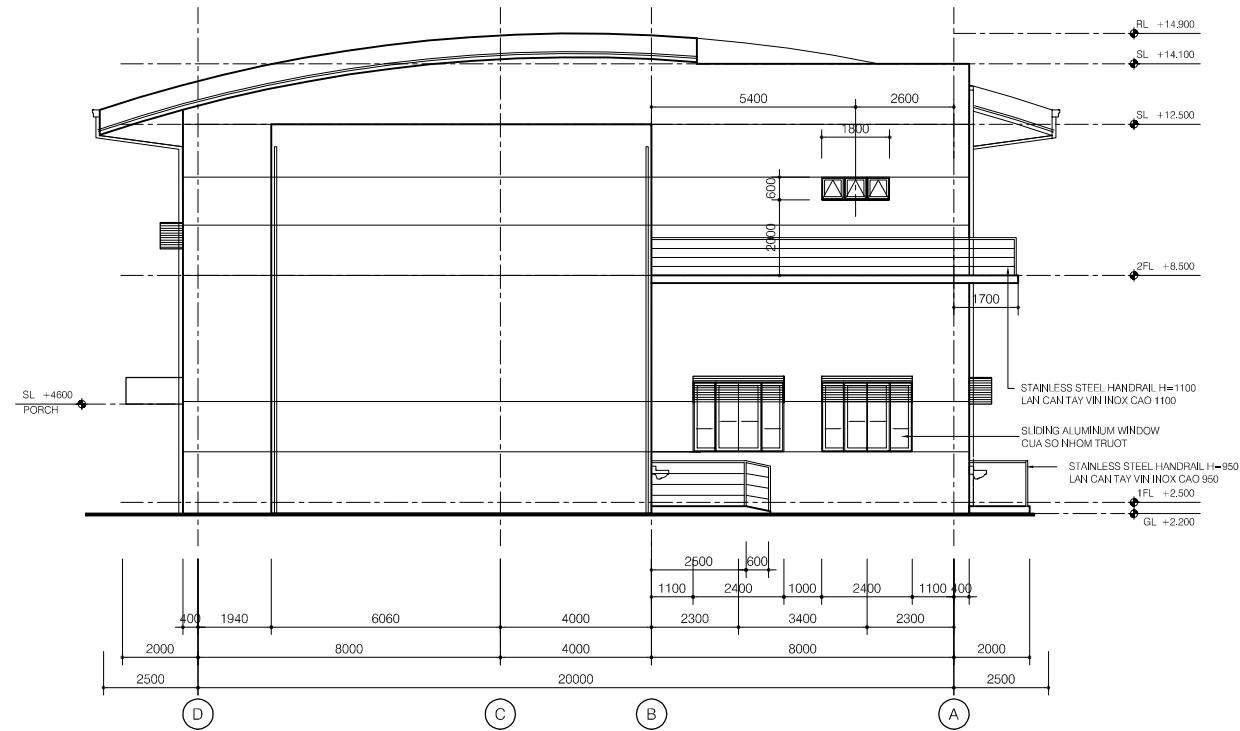
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JAPAN INTERNATIONAL COOPERATION
AGENCY (JICA)

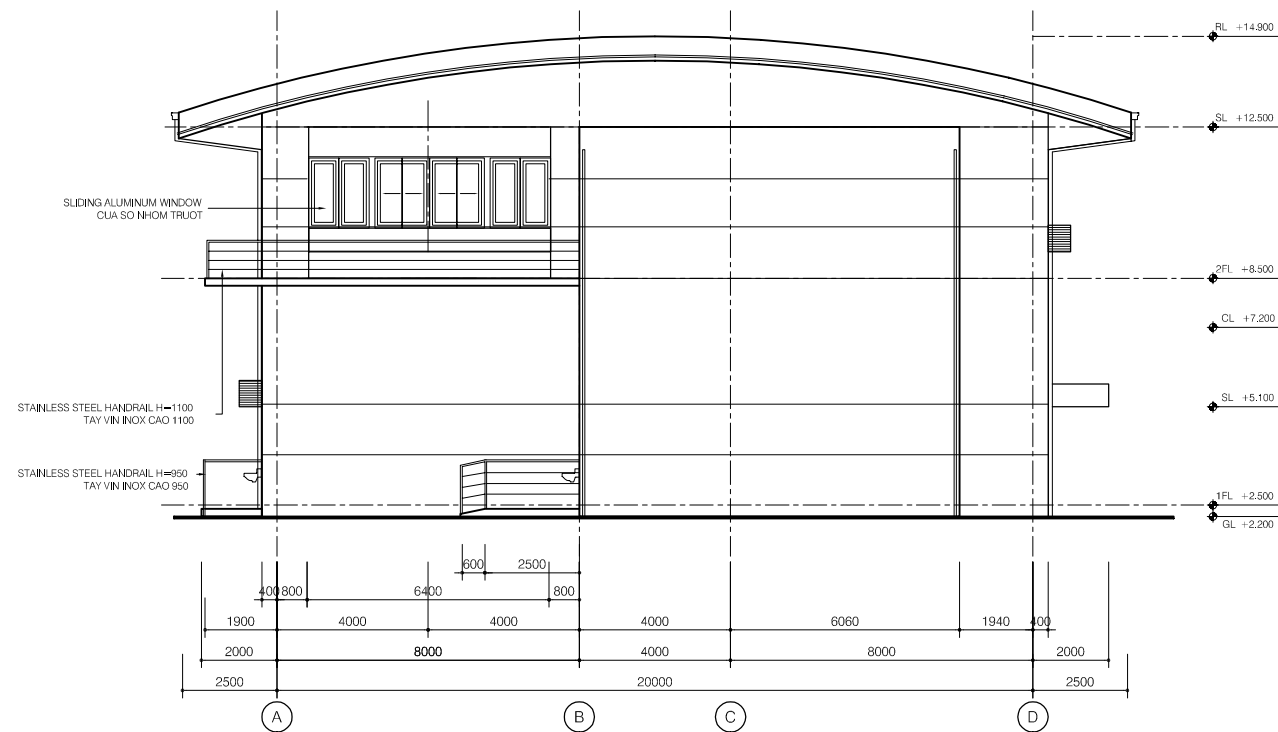
PACIFIC CONSULTANTS INTERNATIONAL

DESIGNED KIKUTA HIROSHI	CHECKED KONDO MASAMI
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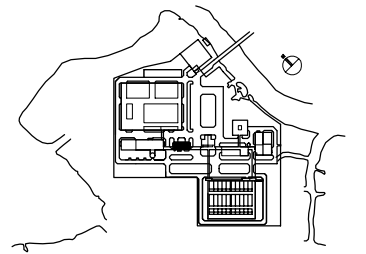
DATE : JUNE 2001 DWG. No. PE-WWTP-303-06



ELEVATION LINE 1



ELEVATION LINE 6



NO.	DATE	DESCRIPTIONS	BY	APPRO.
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REVISIONS

PROJECT MANAGEMENT UNIT FOR
HO CHI MINH CITY
WATER ENVIRONMENT IMPROVEMENT

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

PACKAGE E
WASTEWATER TREATMENT PLANT
MAIN BUILDING
ELEVATION LINE 1 & 6

SCALE : 1/100

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

PACIFIC CONSULTANTS INTERNATIONAL

DESIGNED KIKUTA HIROSHI	CHECKED KONDO MASAMI
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DATE : JUNE 2001 DWG. No. PE-WWTP-303-07

