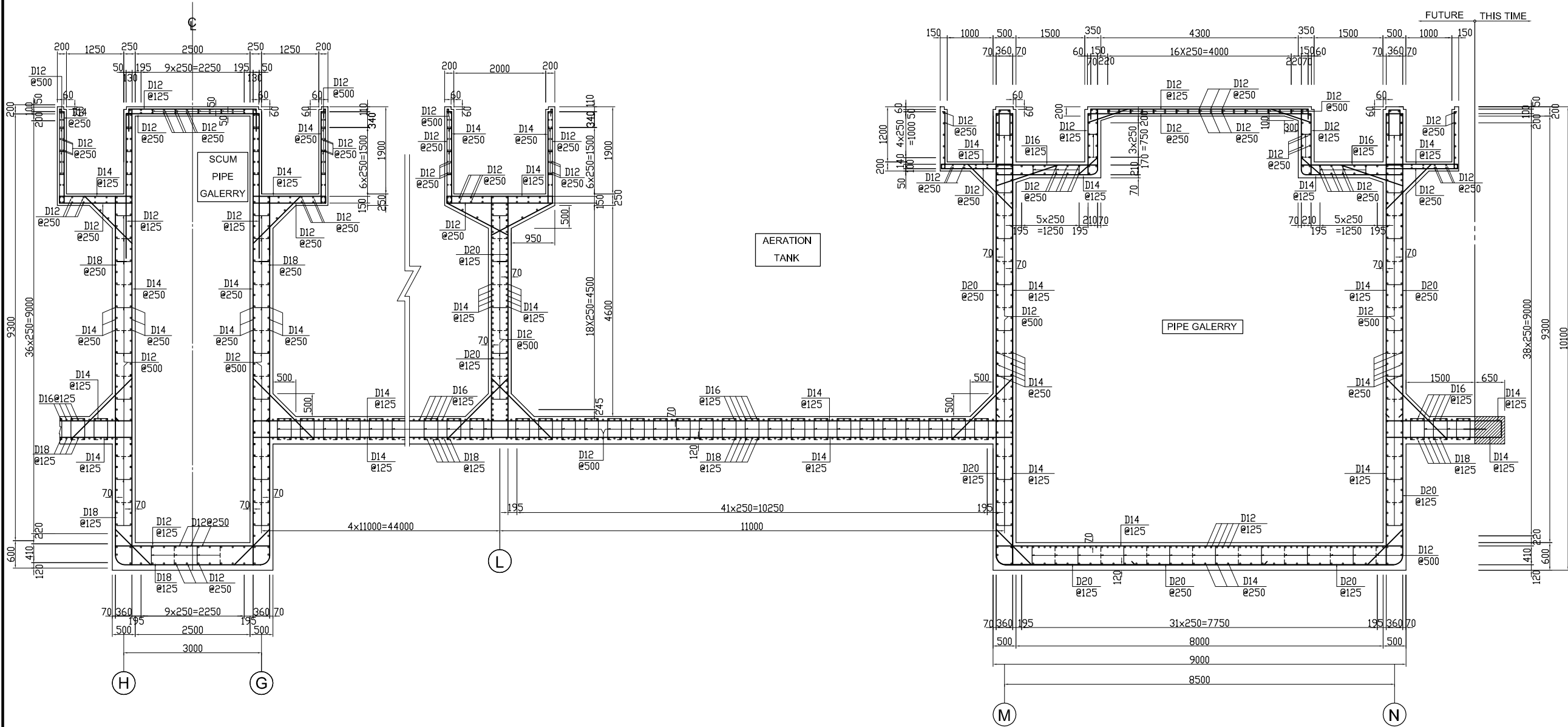
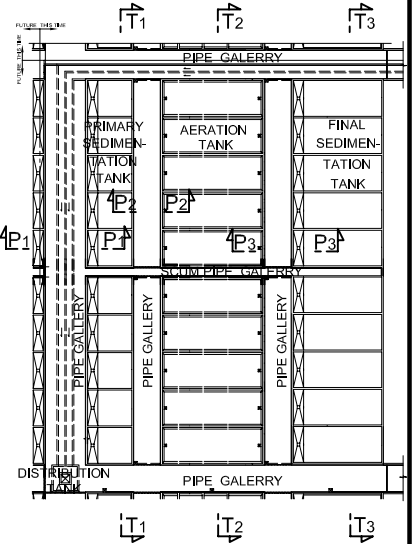


WASTEWATER TREATMENT PLANT, BAR ARRANGEMENT (4)

SECTION T2-T2 (No 2) Scale:1/50



KEY PLAN



NOTES :

- ALL DIMENSIONS ARE MM UNLESS STATED OTHERWISE
- CONCRETE E21
- LEVELLING CONCRETE G10
- ALL REINFORCEMENT BARS ARE DEFORMED TYPE (CT5 OR EQUIVALENT AS INDICATED IN SPECIFICATION OF PACKAGE E)
- THE SPECIFICATION TO BE REFERRED FOR MORE INFORMATION OF MATERIAL GRADES

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
WASTE WATER TREATMENT PLANT
BAR ARRANGEMENT
(No 4)

SCALE : 1/50

JICA JAPAN INTERNATIONAL COOPERATION
AGENCY (JICA)

PACIFIC CONSULTANTS INTERNATIONAL

DESIGNED
KIMURA TORU

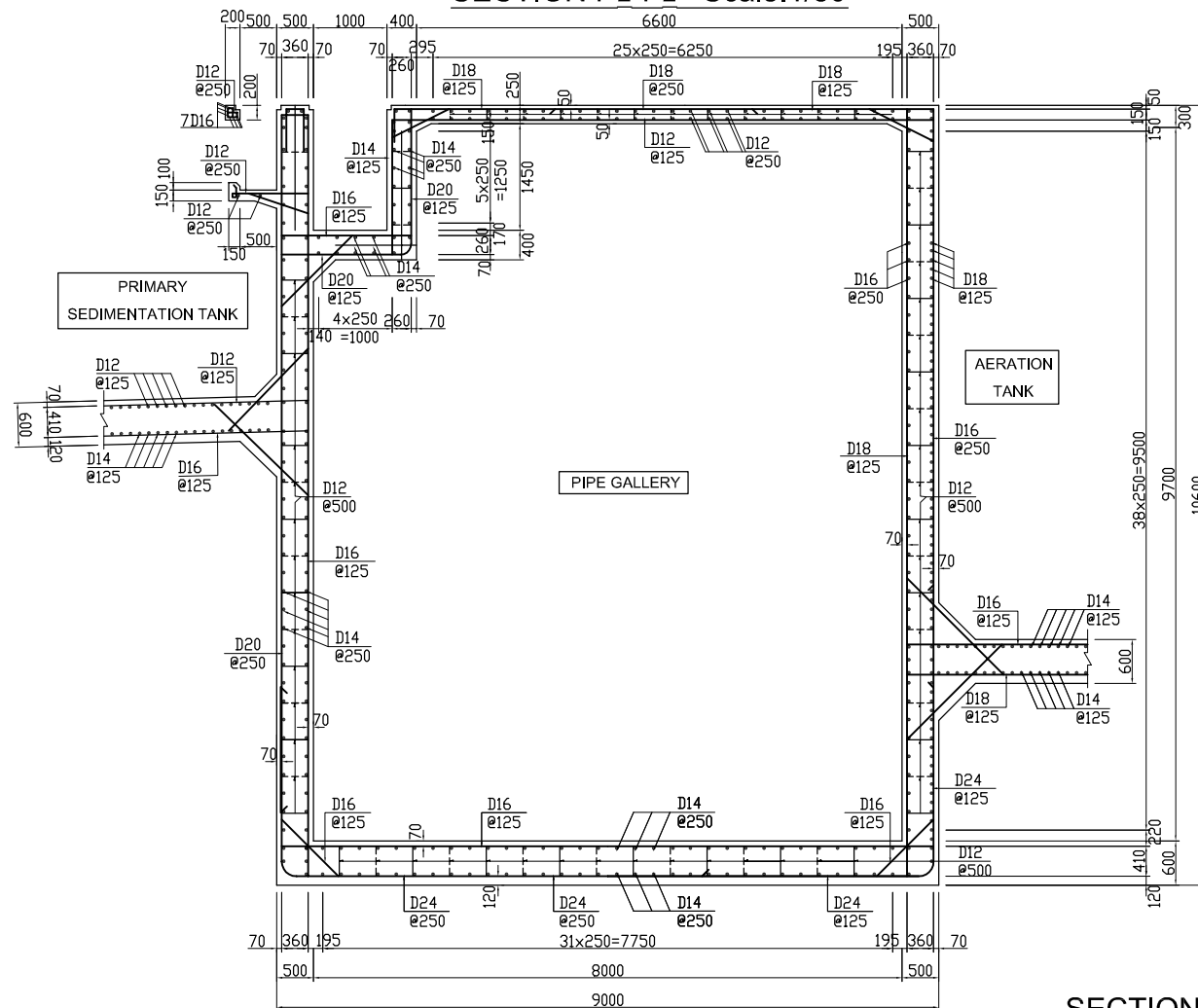
CHECKED
KONDO MASAMI

DATE : JUNE 2001

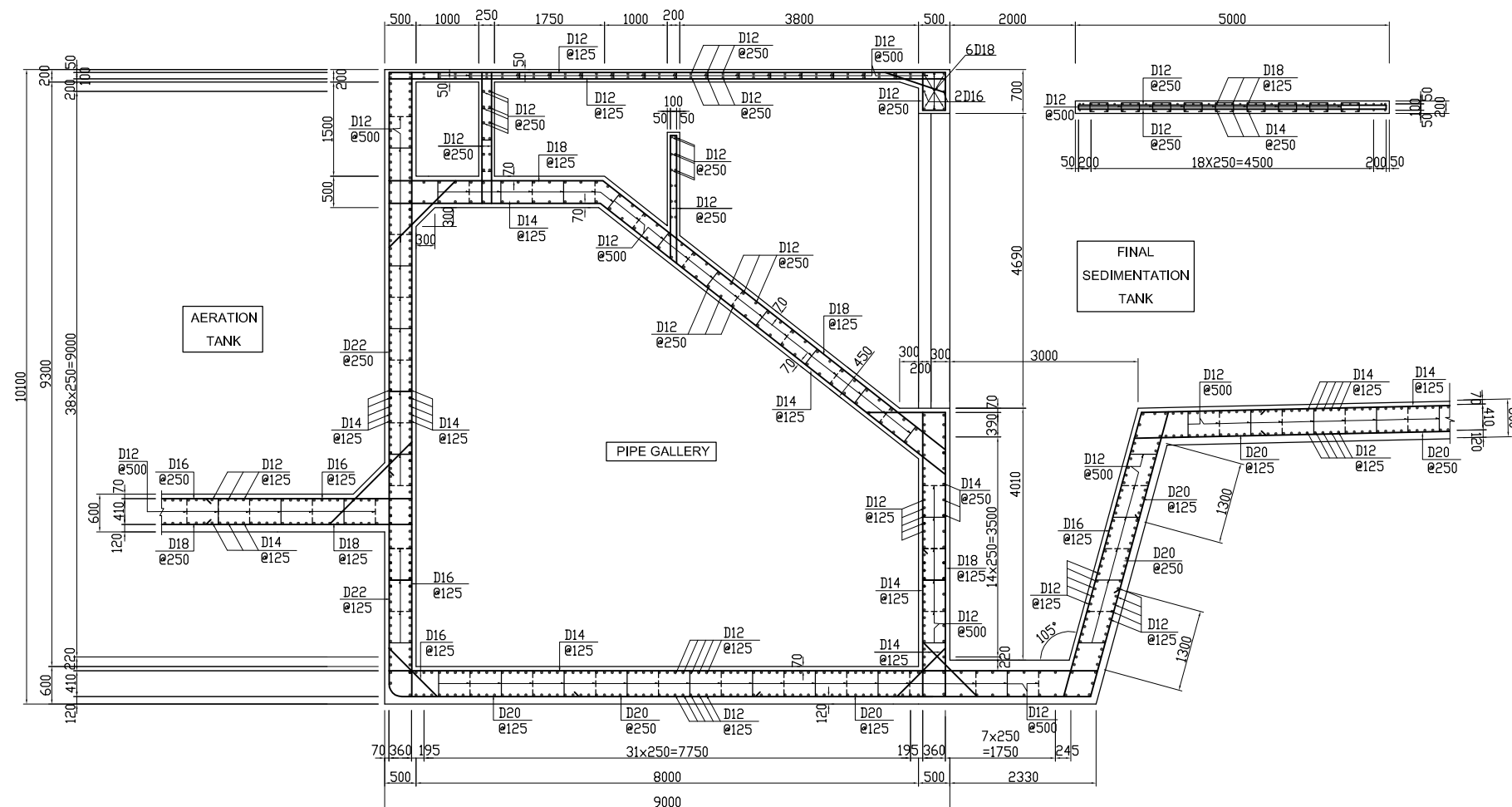
DWG. No. PE-WWTP - 267-04

WASTEWATER TREATMENT PLANT, BAR ARRANGEMENT (5)

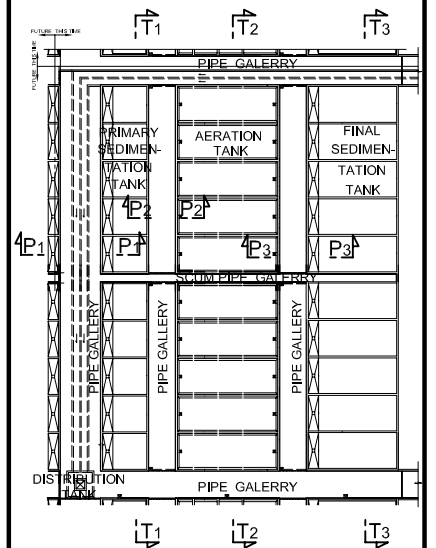
SECTION P2-P2 Scale:1/50



SECTION P3-P3 Scale:1/50



KEY PLAN



NOTES :

- ALL DIMENSIONS ARE MM UNLESS STATED OTHERWISE
- CONCRETE E21
- LEVELLING CONCRETE G10
- ALL REINFORCEMENT BARS ARE DEFORMED TYPE (CT5 OR EQUIVALENT AS INDICATED IN SPECIFICATION OF PACKAGE E)
- THE SPECIFICATION TO BE REFERRED FOR MORE INFORMATION OF MATERIAL GRADES

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
WASTE WATER TREATMENT PLANT
BAR ARRANGEMENT
(No 5)

SCALE : 1/50

JICA JAPAN INTERNATIONAL COOPERATION
AGENCY (JICA)

PACIFIC CONSULTANTS INTERNATIONAL

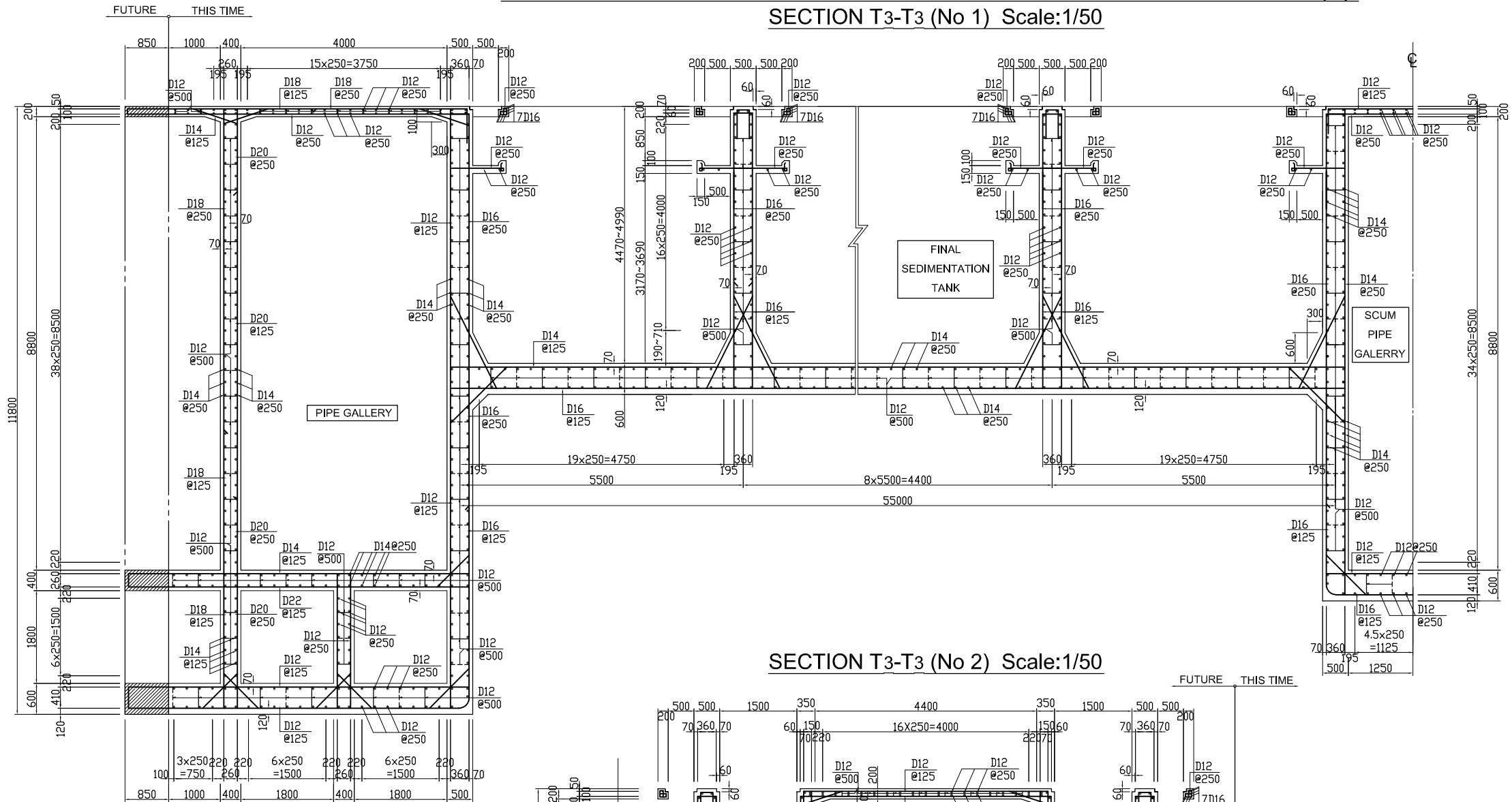
DESIGNED
KIMURA TORU

CHECKED
KONDO MASAMI

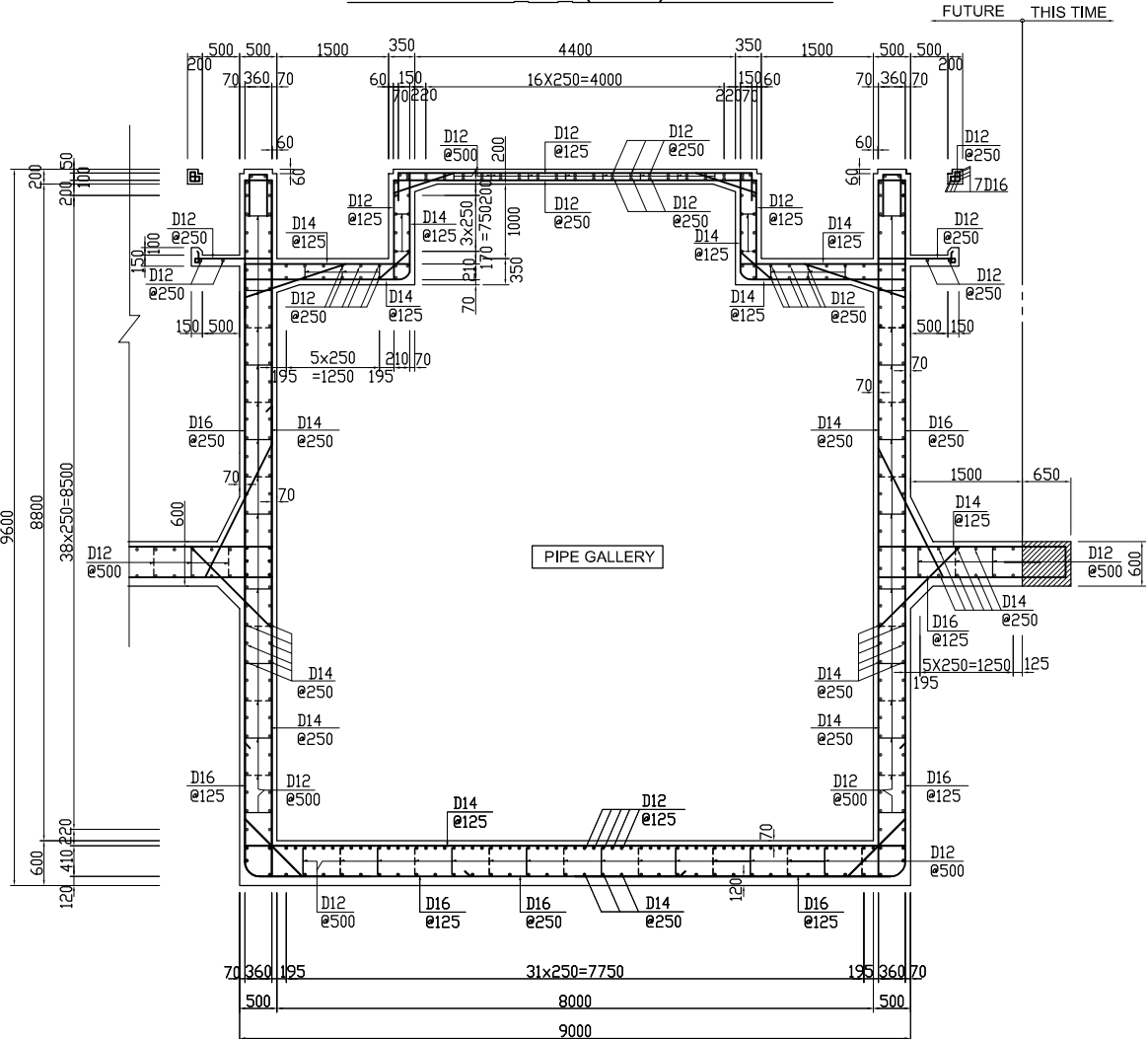
DATE : JUNE 2001 DWG. No. PE-WWTP - 267-05

WASTEWATER TREATMENT PLANT, BAR ARRANGEMENT (6)

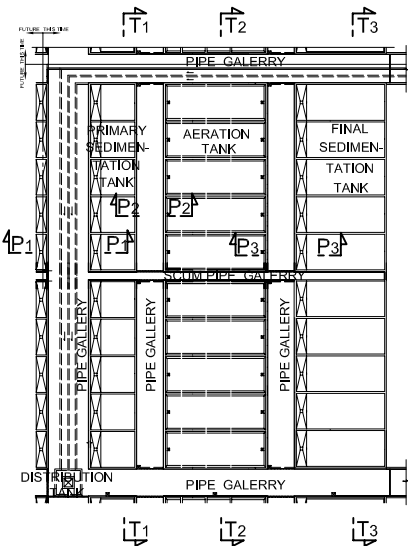
SECTION T3-T3 (No 1) Scale:1/50



SECTION T3-T3 (No 2) Scale:1/50



KEY PLAN



NOTES :

- ALL DIMENSIONS ARE MM UNLESS STATED OTHERWISE
- CONCRETE E21
- LEVELLING CONCRETE G10
- ALL REINFORCEMENT BARS ARE DEFORMED TYPE (CT5 OR EQUIVALENT AS INDICATED IN SPECIFICATION OF PACKAGE E)
- THE SPECIFICATION TO BE REFERRED FOR MORE INFORMATION OF MATERIAL GRADES

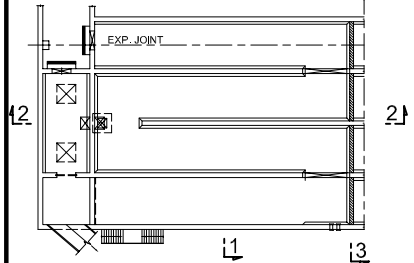
NO.	DATE	DESCRIPTIONS	BY	APPRO.
REVISIONS				
PROJECT MANAGEMENT UNIT FOR HO CHI MINH CITY WATER ENVIRONMENT IMPROVEMENT				
THE DETAILED DESIGN STUDY ON HO CHI MINH CITY WATER ENVIRONMENT IMPROVEMENT PROJECT IN THE SOCIALIST REPUBLIC OF VIET NAM				
PACKAGE E WASTE WATER TREATMENT PLANT BAR ARRANGEMENT (No 6)				
SCALE : 1/50				
 JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)				
 PACIFIC CONSULTANTS INTERNATIONAL				
DESIGNED KIMURA TORU		CHECKED KONDO MASAMI		
DATE : JUNE 2001		DWG. No. PE- WWTP - 267-06		

SECTION 1-1. Scale: 1/50

@125

②

3

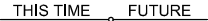


- ALL DIMENSIONS ARE MM UNLESS STATED OTHERWISE
- CONCRETE E21
- LEVELLING CONCRETE G10
- ALL REINFORCEMENT BARS ARE DEFORMED TYPE (CT5 OR EQUIVALENT AS INDICATED IN SPECIFICATION OF PACKAGE E)
- THE SPECIFICATION TO BE REFERRED FOR MORE INFORMATION OF MATERIAL GRADES

[illegible]

Scale: 1/50

Scale: 1/50



SECTION 3-3. Scale: 1/50





NOTES :

- ALL DIMENSIONS ARE MM UNLESS STATED

DATE	DESCRIPTIONS	BY	APRO
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REVISIONS

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

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

PACKAGE E

WASTEWATER TREATMENT PLANT
DISINFECTION TANK
BAR ARRANGEMENT (No. 2)

SCALE : 1/50

JICA JAPAN INTERNATIONAL COOPERATION
AGENCY (JICA)



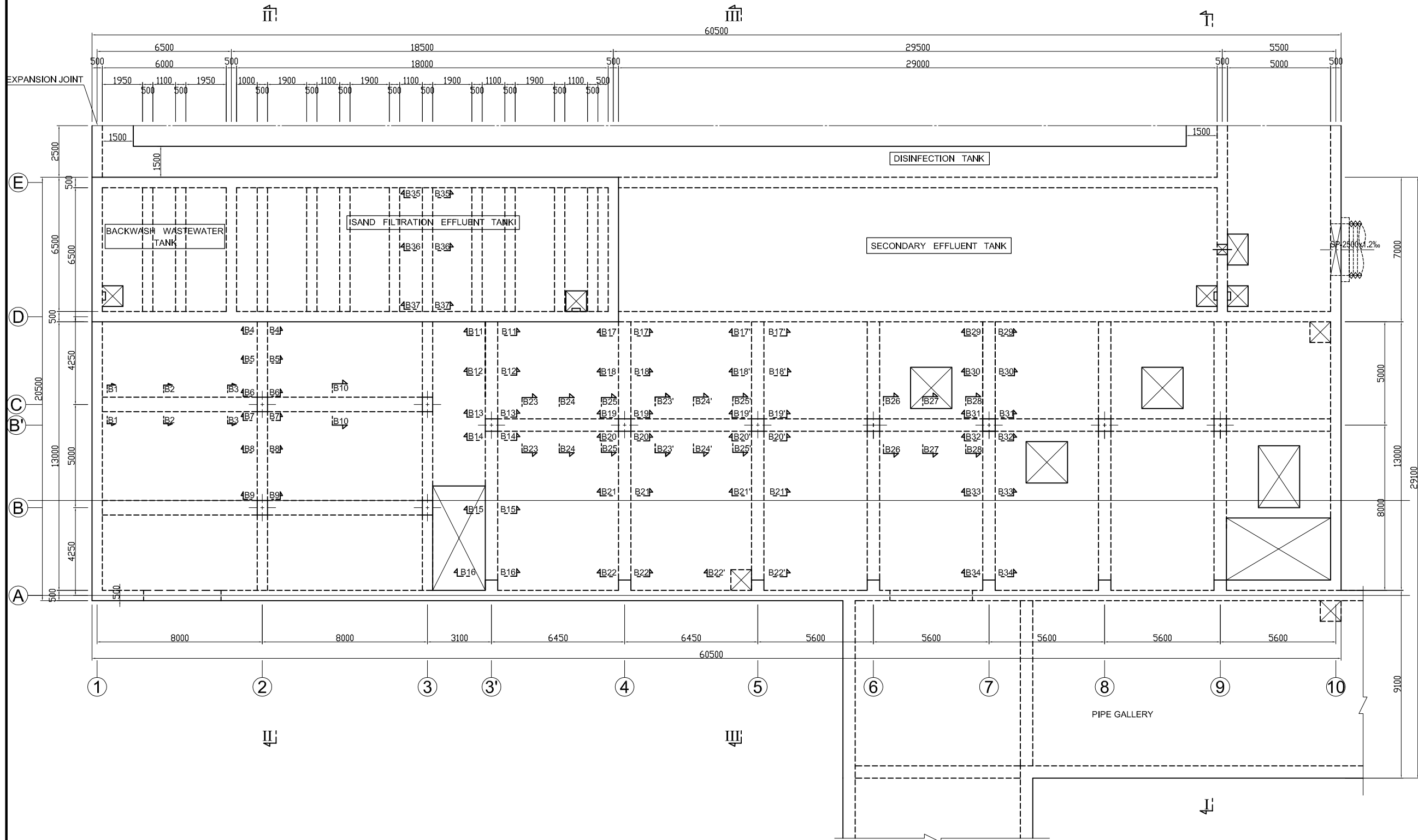
PACIFIC CONSULTANTS INTERNATIONAL

DESIGNED	CHECKED
KIMURA TORU	KONDO MASAMI

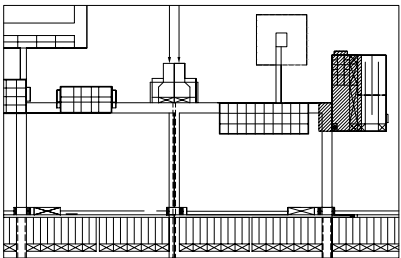
DATE : JUNE 2001 | DWG.No. PE - WWTP - 269 - 02

WATER SUPPLY FACILITY PLAN OF BEAM

Scale:1/100



KEY PLAN



NOTES :

- ALL DIMENSIONS ARE MM UNLESS STATED OTHERWISE
- CONCRETE E21
- LEVELLING CONCRETE G10
- ALL REINFORCEMENT BARS ARE DEFORMED TYPE (CT5 OR EQUIVALENT AS INDICATED IN SPECIFICATION OF PACKAGE E)
- THE SPECIFICATION TO BE REFERRED FOR MORE INFORMATION OF MATERIAL GRADES

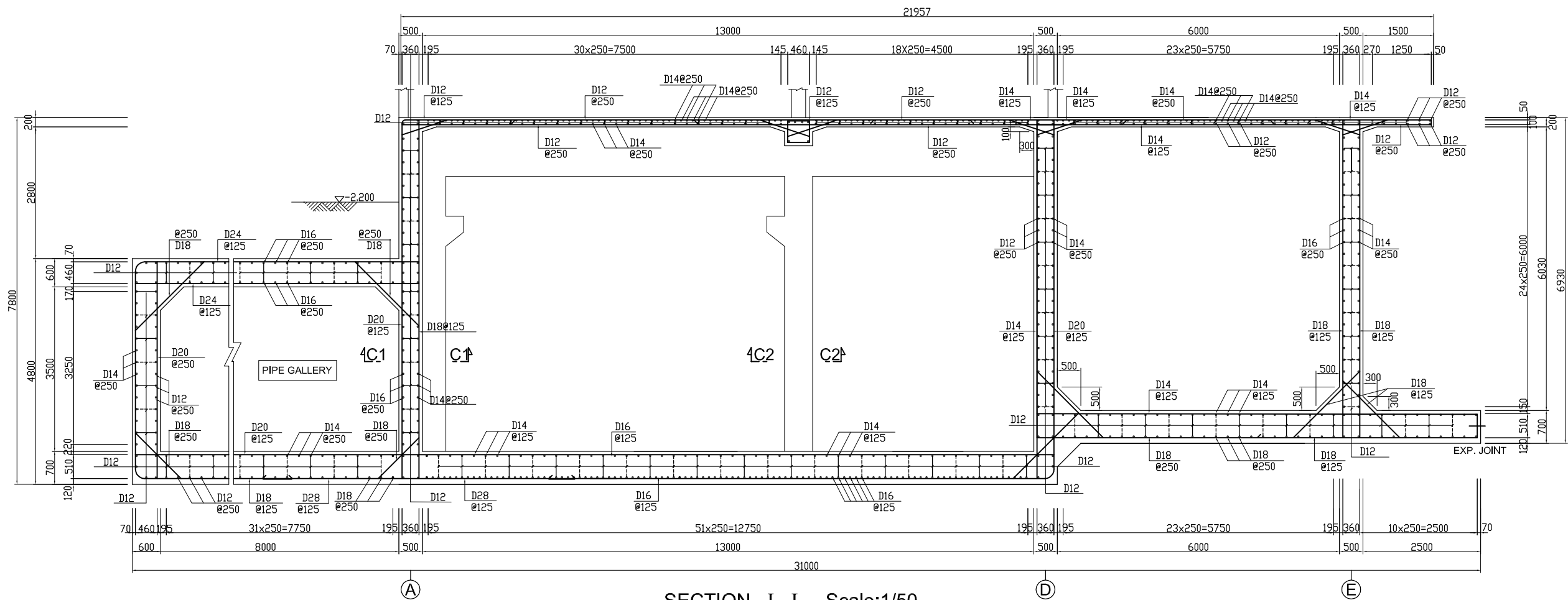
NO.	DATE	DESCRIPTIONS	BY	APRO.

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

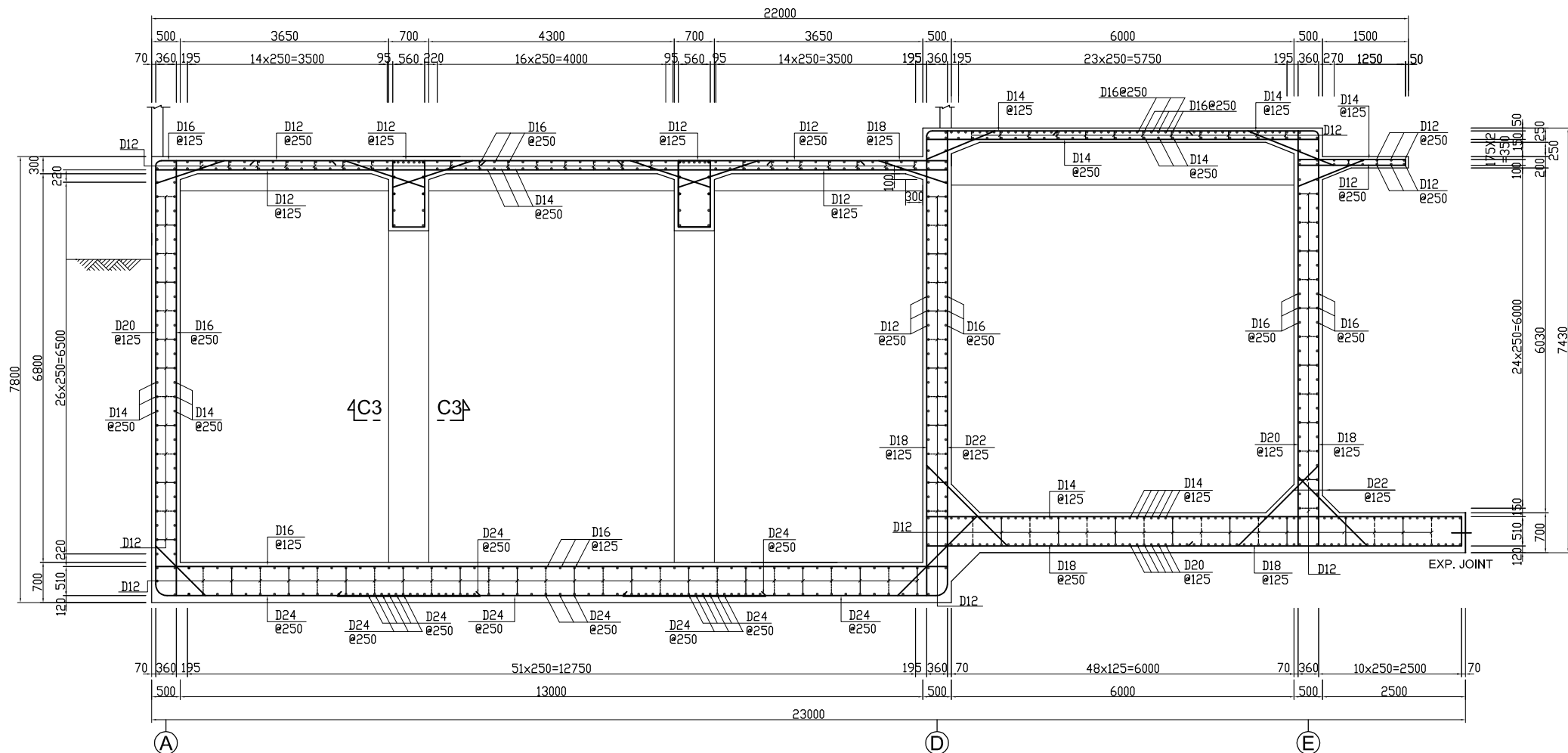
PACKAGE E WASTEWATER TREATMENT PLANT WATER SUPPLY FACILITY PLAN OF BEAM
--

SCALE : 1/100	
JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	
PACIFIC CONSULTANTS INTERNATIONAL	
DESIGNED KIMURA TORU	CHECKED KONDO MASAMI
DATE : JUNE 2001	DWG. No. PE - WWTP - 270 - 01

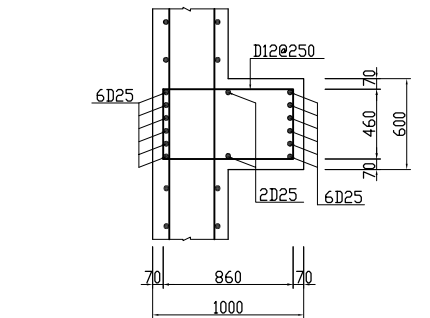
WATER SUPPLY FACILITY BAR ARRANGEMENT (No. 2)



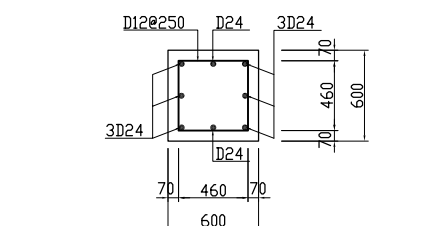
SECTION I - I. Scale:1/50



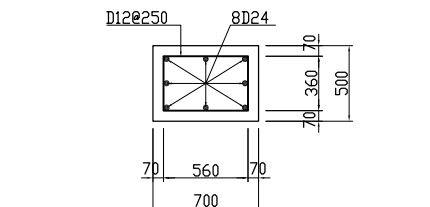
SECTION II - II. Scale:1/50



SECTION C1 - C1 Scale:1/25

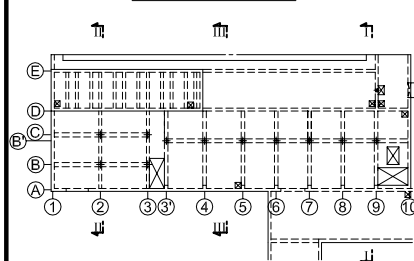


SECTION C2 - C2 Scale:1/25



SECTION C3 - C3 Scale:1/25

KEY PLAN

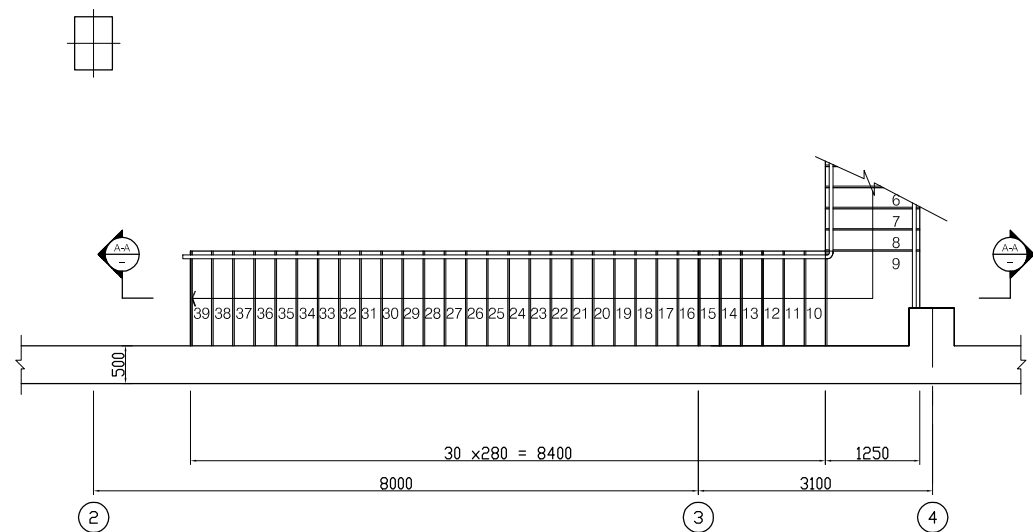


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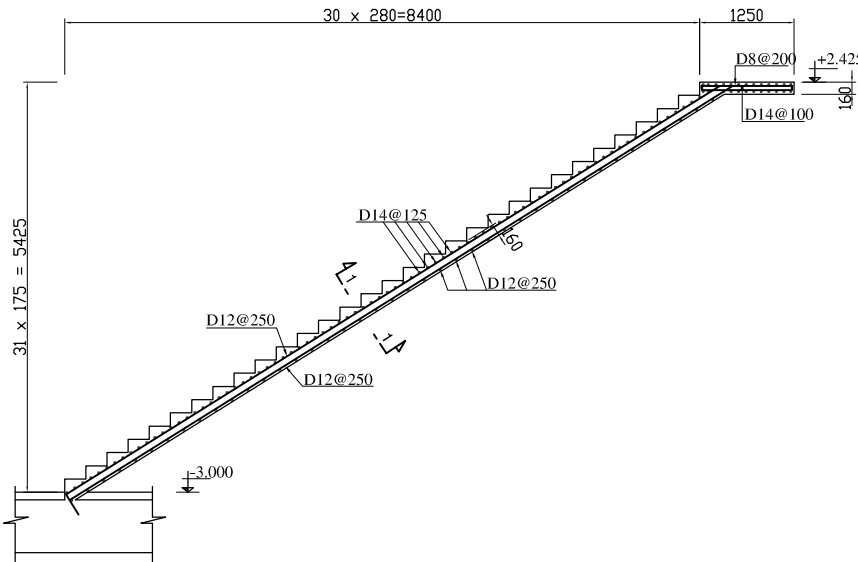
- ALL DIMENSIONS ARE MM UNLESS STATED OTHERWISE
- CONCRETE E21
- LEVELLING CONCRETE G10
- ALL REINFORCEMENT BARS ARE DEFORMED TYPE (CT5 OR EQUIVALENT AS INDICATED IN SPECIFICATION OF PACKAGE E)
- THE SPECIFICATION TO BE REFERRED FOR MORE INFORMATION OF MATERIAL GRADES

NO.	DATE	DESCRIPTIONS	BY	APPROV.
REVISIONS				
PROJECT MANAGEMENT UNIT FOR WATER ENVIRONMENT IMPROVEMENT FOR HO CHI MINH CITY				
THE DETAILED DESIGN ON HO CHI MINH CITY WATER ENVIRONMENT IMPROVEMENT PROJECT IN THE SOCIALIST REPUBLIC OF VIET NAM				
PACKAGE E WASTEWATER TREATMENT PLANT WATER SUPPLY FACILITY BAR ARRANGEMENT (No. 2)				
SCALE : 1/25, 1/50				
 JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)				
 PACIFIC CONSULTANTS INTERNATIONAL				
DESIGNED KIMURA TORU		CHECKED KONDO MASAMI		
DATE : JUNE 2001		DWG. No. PE - WWTP - 270 - 03		

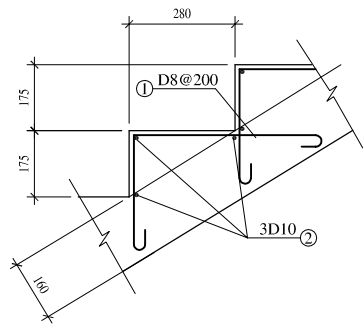
WATER SUPPLY FACILITY BAR ARRANGEMENT (STAIRCASE No.1)



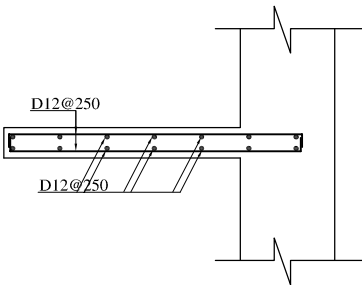
PLAN Scale:1/50



SECTION A-A Scale:1/50

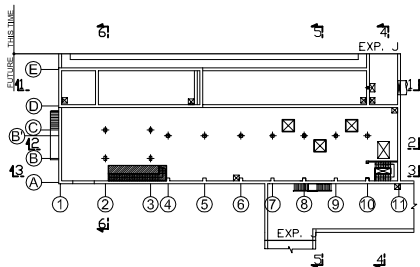


DETAIL OF STEPS Scale:1/10



SECTION 1-1 Scale:1/20

KEY PLAN



NOTES :

- ALL DIMENSIONS ARE MM UNLESS STATED OTHERWISE
- CONCRETE E21
- LEVELLING CONCRETE G10
- ALL REINFORCEMENT BARS ARE DEFORMED TYPE (CT5 OR EQUIVALENT AS INDICATED IN SPECIFICATION OF PACKAGE E)
- THE SPECIFICATION TO BE REFERRED FOR MORE INFORMATION OF MATERIAL GRADES

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
WATER SUPPLY BAR ARRANGEMENT
(STAIRCASE No. 1)

SCALE : 1/10, 1/20, 1/50

JICA JAPAN INTERNATIONAL COOPERATION
AGENCY (JICA)

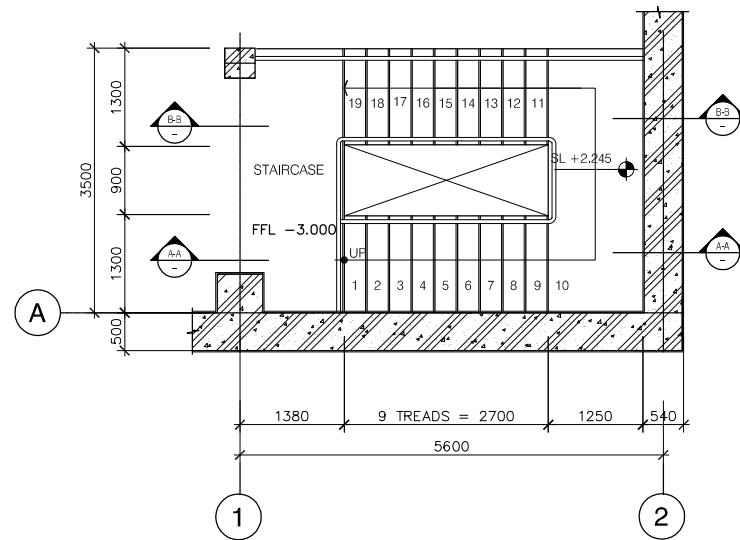
PACIFIC CONSULTANTS INTERNATIONAL

DESIGNED
KIMURA TORU

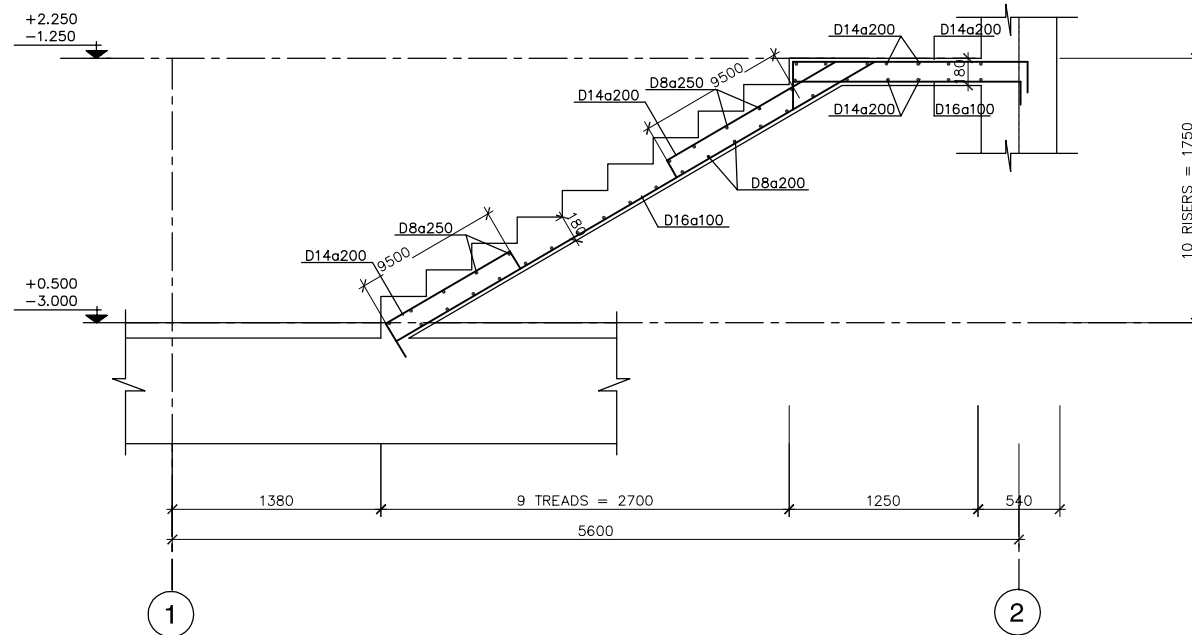
CHECKED
KONDO MASAMI

DATE : JUNE 2001 DWG. No. PE-WWTP-270-04

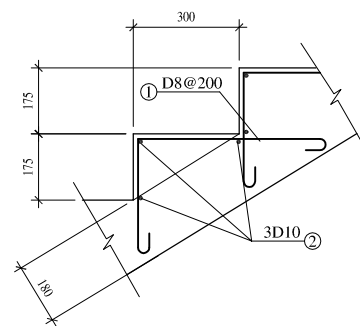
WATER SUPPLY FACILITY BAR ARRANGEMENT (STAIRCASE No.2)



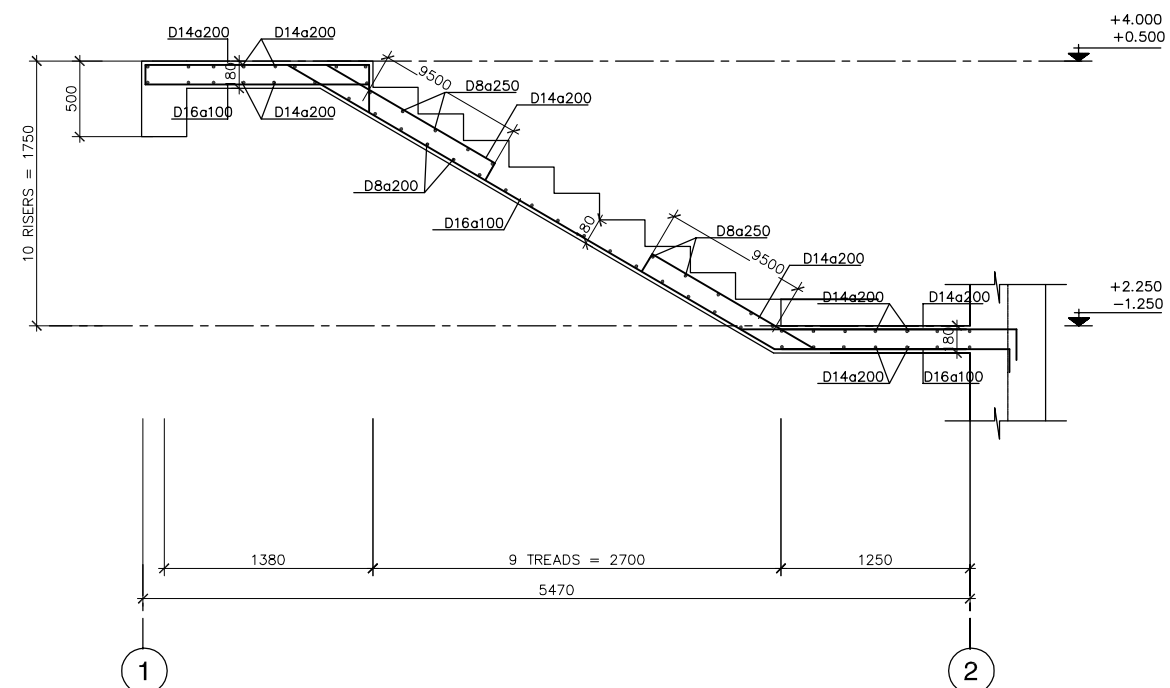
PLAN Scale:1/50



SECTION A-A Scale:1/25

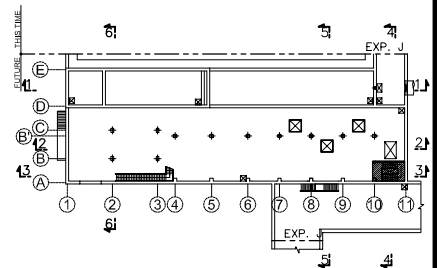


DETAIL OF STEPS Scale:1/10



SECTION B-B Scale:1/25

KEY PLAN



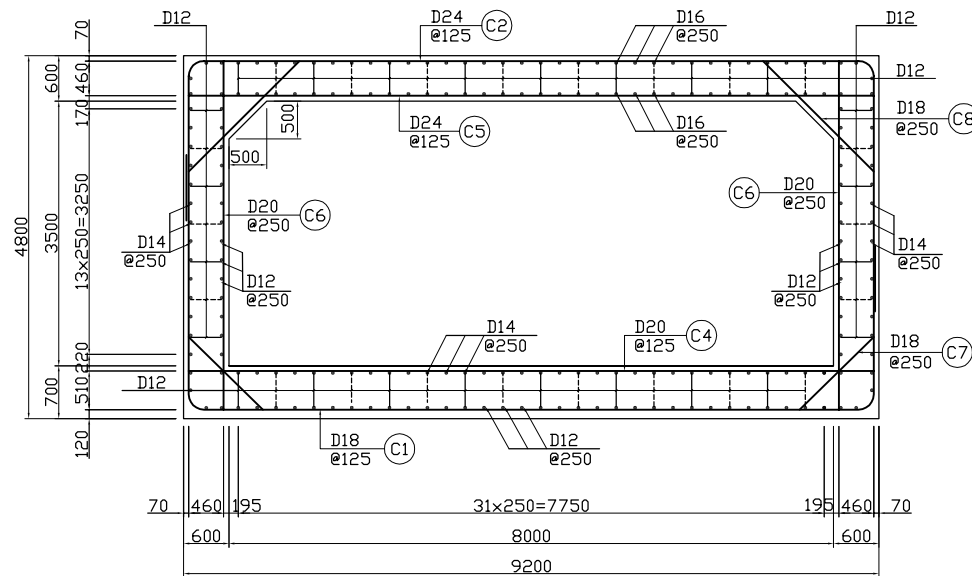
NOTES :

- ALL DIMENSIONS ARE MM UNLESS STATED OTHERWISE
- CONCRETE E21
- LEVELLING CONCRETE G10
- ALL REINFORCEMENT BARS ARE DEFORMED TYPE (CT5 OR EQUIVALENT AS INDICATED IN SPECIFICATION OF PACKAGE E)
- THE SPECIFICATION TO BE REFERRED FOR MORE INFORMATION OF MATERIAL GRADES

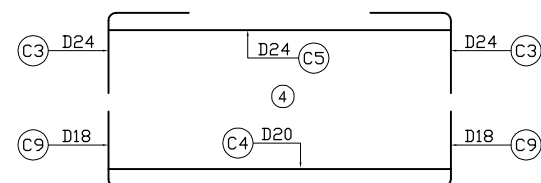
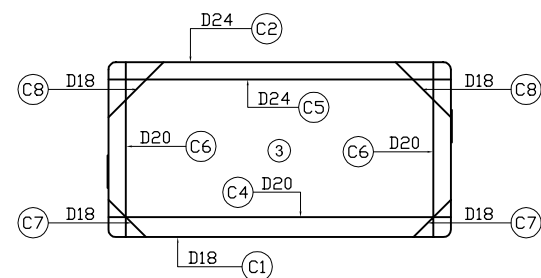
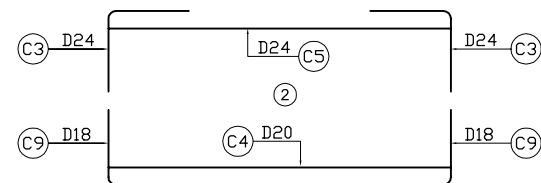
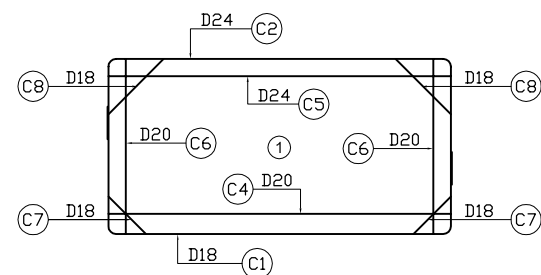
NO.	DATE	DESCRIPTIONS	BY	APRO.
REVISIONS				
PROJECT MANAGEMENT UNIT FOR HO CHI MINH CITY WATER ENVIRONMENT IMPROVEMENT				
THE DETAILED DESIGN STUDY ON HO CHI MINH CITY WATER ENVIRONMENT IMPROVEMENT PROJECT IN THE SOCIALIST REPUBLIC OF VIET NAM				
PACKAGE E WASTEWATER TREATMENT PLANT WATER SUPPLY BAR ARRANGEMENT (STAIRCASE No. 2)				
SCALE : 1/10, 1/25, 1/50				
JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)				
PACIFIC CONSULTANTS INTERNATIONAL				
DESIGNED KIMURA TORU		CHECKED KONDO MASAMI		
DATE : JUNE 2001		DWG. No. PE-WWTP-270-05		

PIPE GALLERY BAR ARRANGEMENT

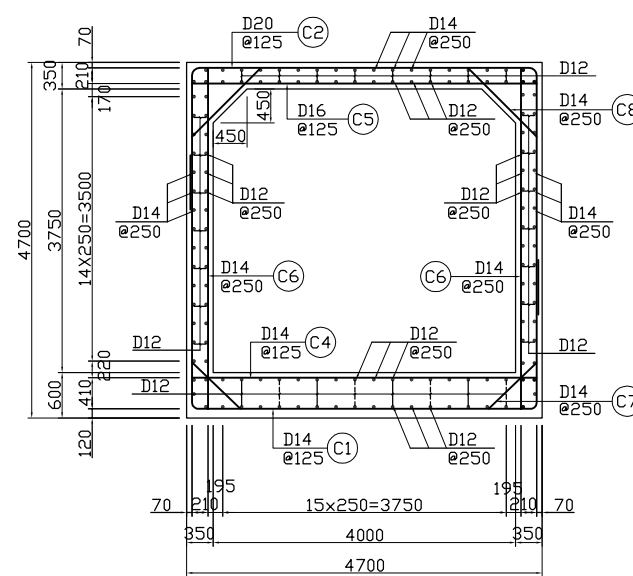
TYPE A D F G Scale:1/50



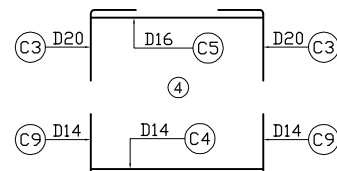
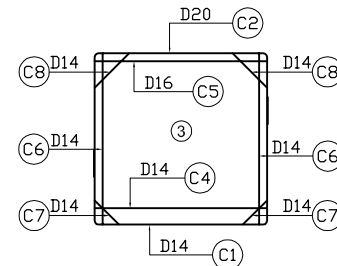
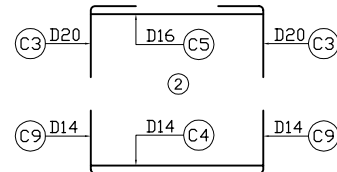
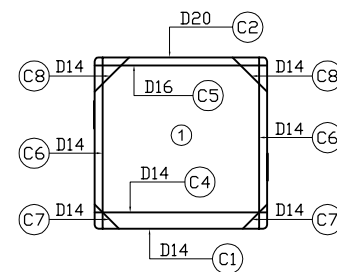
BAR SKELETON Scale:1/100
(@125)



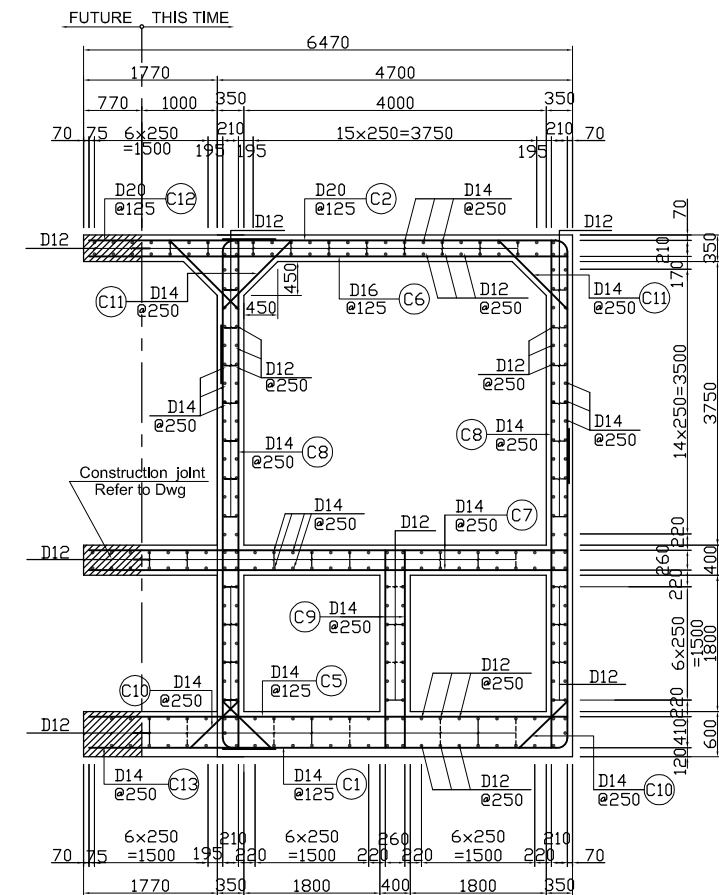
TYPE (E) (H) Scale:1/50



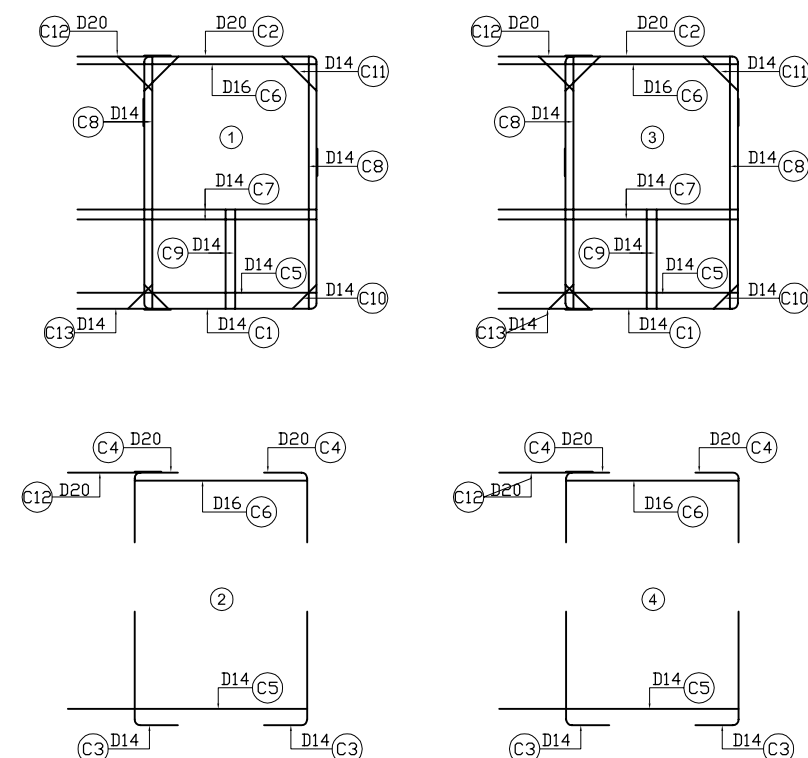
BAR SKELETON Scale:1/100
(@125)



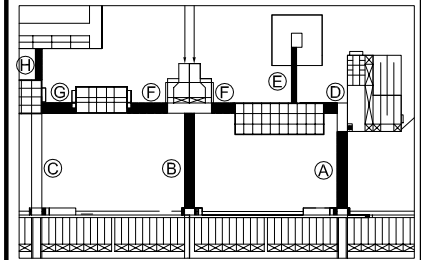
TYPE (B) Scale:1/50



BAR SKELETON Scale:1/100
(@125)



KEY PLAN



© = Future

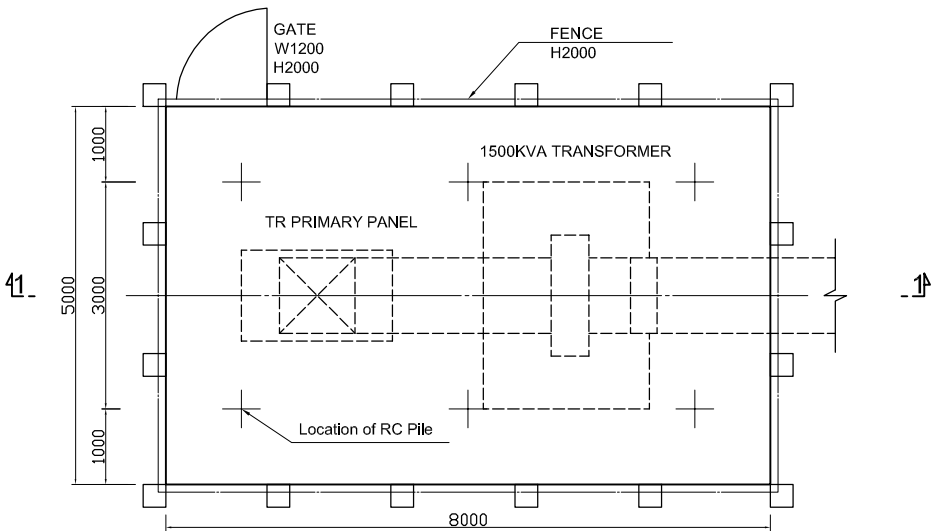
NOTES :

- ALL DIMENSIONS ARE MM UNLESS STATED OTHERWISE
- CONCRETE E21
- LEVELLING CONCRETE G10
- ALL REINFORCEMENT BARS ARE DEFORMED TYPE (CT5 OR EQUIVALENT AS INDICATED IN SPECIFICATION OF PACKAGE E)
- THE SPECIFICATION TO BE REFERRED FOR MORE INFORMATION OF MATERIAL GRADES

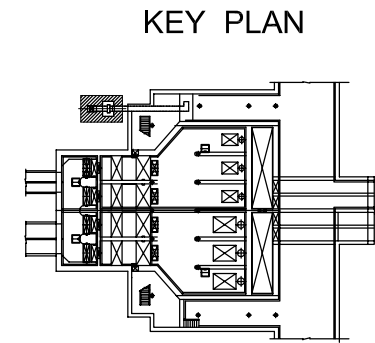
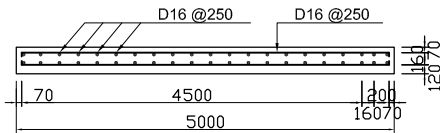
(1)	DATE	DESCRIPTIONS	BY	APPRO.	
REVISIONS					
PROJECT MANAGEMENT UNIT FOR WATER ENVIRONMENT IMPROVEMENT FOR HO CHI MINH CITY					
THE DETAILED DESIGN ON HO CHI MINH CITY WATER ENVIRONMENT IMPROVEMENT PROJECT IN THE SOCIALIST REPUBLIC OF VIET NAM					
PACKAGE E WASTEWATER TREATMENT PLANT					
BAR ARRANGEMENT OF PIPE GALLERY					
(A) (B) (E) (F) (G) (H)					
SCALE : 1/50, 1/100					
 JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)					
 PACIFIC CONSULTANTS INTERNATIONAL					
DESIGNED KIMURA TORU			CHECKED KONDO MASAMI		
DATE : JUNE 2001		DWG. No. PE - WWTP - 271 -01			

LIFT PUMPING STATION TRANSFORMER

LIFT PUMPING STATION TRANSFORMER PLAN Scale: 1/50



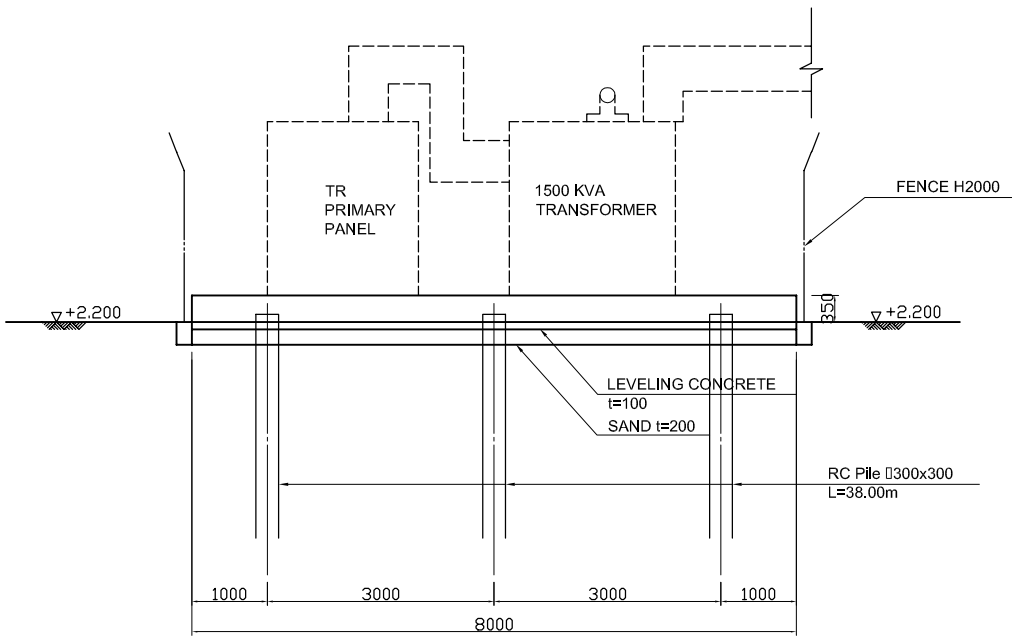
BAR ARRANGEMENT Scale: 1/50



NOTES :

- ALL DIMENSIONS ARE MM UNLESS STATED OTHERWISE
- THE SPECIFICATION TO BE REFERRED FOR MORE INFORMATION OF MATERIAL GRADES

SECTION 1 - 1. Scale: 1/50



NO.	DATE	DESCRIPTIONS		BY	APPRO.
REVISIONS					
PROJECT MANAGEMENT UNIT FOR HO CHI MINH CITY WATER ENVIRONMENT IMPROVEMENT					
THE DETAILED DESIGN ON HO CHI MINH CITY WATER ENVIRONMENT IMPROVEMENT PROJECT IN THE SOCIALIST REPUBLIC OF VIET NAM					
PACKAGE E WASTEWATER TREATMENT PLANT LIFT PUMPING STATION TRANSFORMER PLAN, SECTION, and BAR ARRANGEMENT					
SCALE : 1/50					
 JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)					
 PACIFIC CONSULTANTS INTERNATIONAL					
DESIGNED KIMURA TORU			CHECKED KONDO MASAMI		
DATE : JUNE 2001			DWG. No. PE - WWTP - 272 - 01		