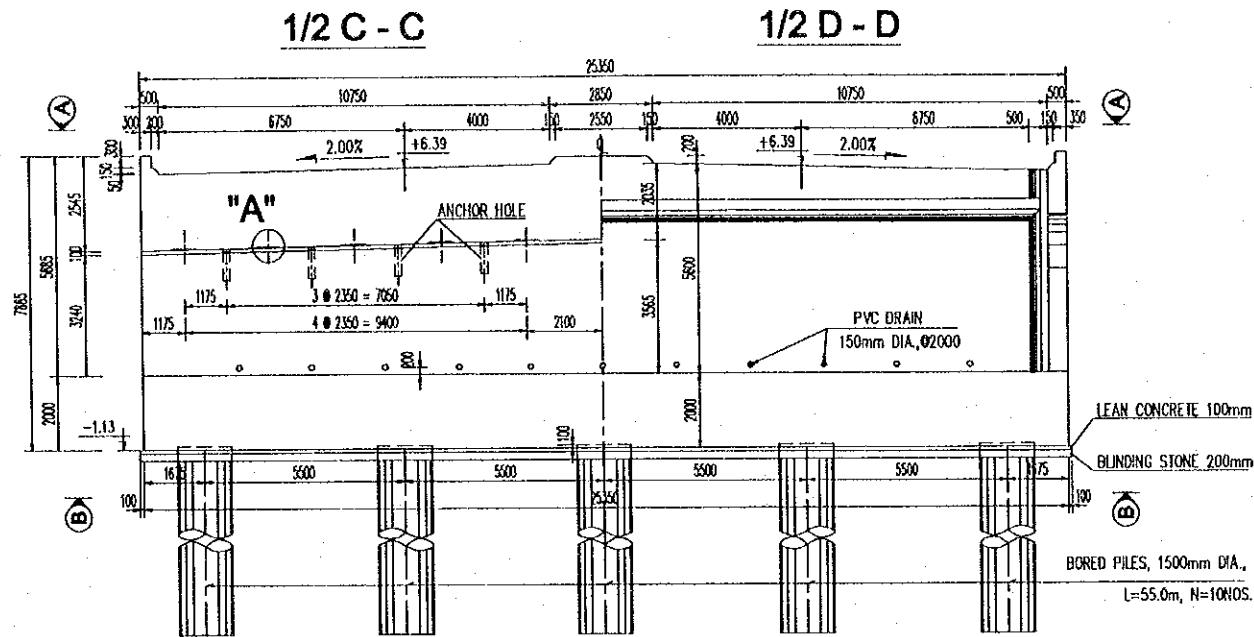


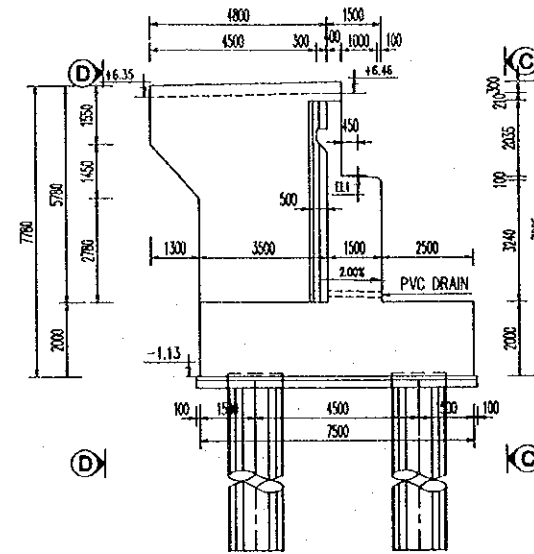
III. ABUTMENTS

DETAIL OF ABUTMENT A1

(SCALE 1:200)

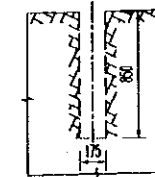


SIDE ELEVATION

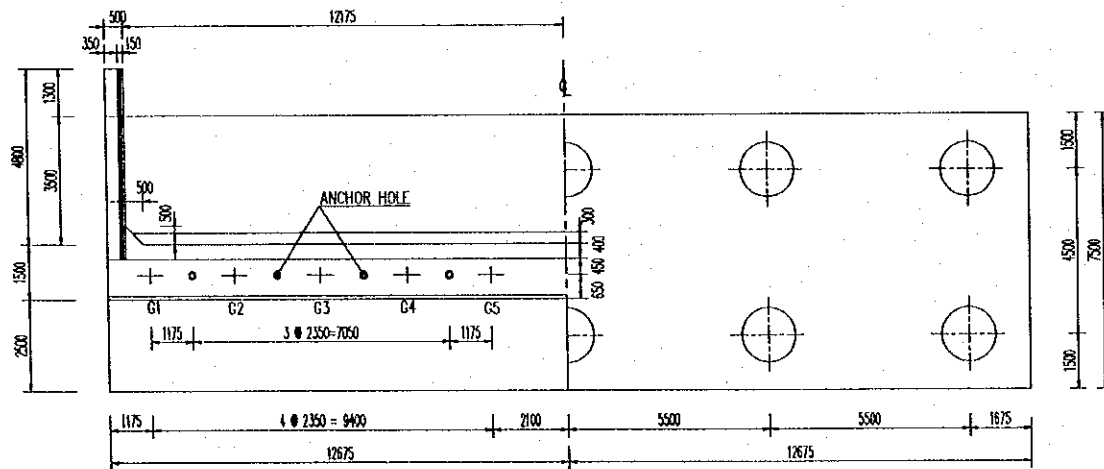


DETAIL OF ANCHOR HOLE

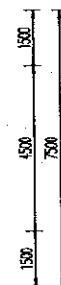
(SCALE 1:50)



1/2 A - A

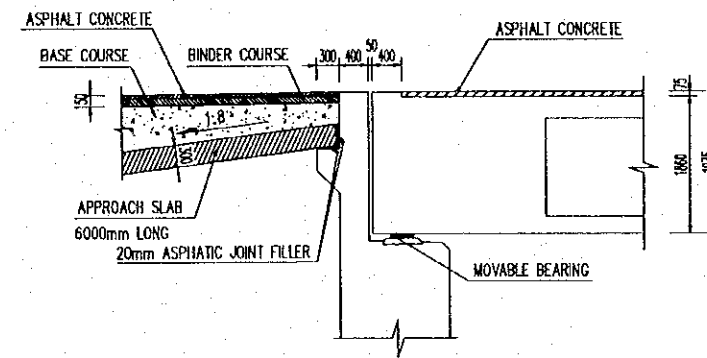


1/2 B - B



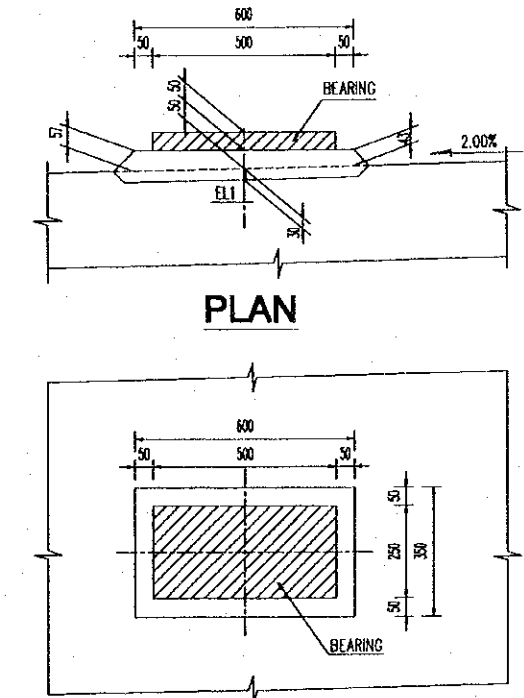
DETAIL OF BACK WALL

(SCALE 1:100)



DETAIL "A"

(SCALE 1:20)



GIRDER BEARING SEAT ELEVATION OF EL1

GROUT PAD	G1	G2	G3	G4	G5	
ABUTMENT TYPE	A1	+4.23	+4.28	+4.33	+4.37	+4.42

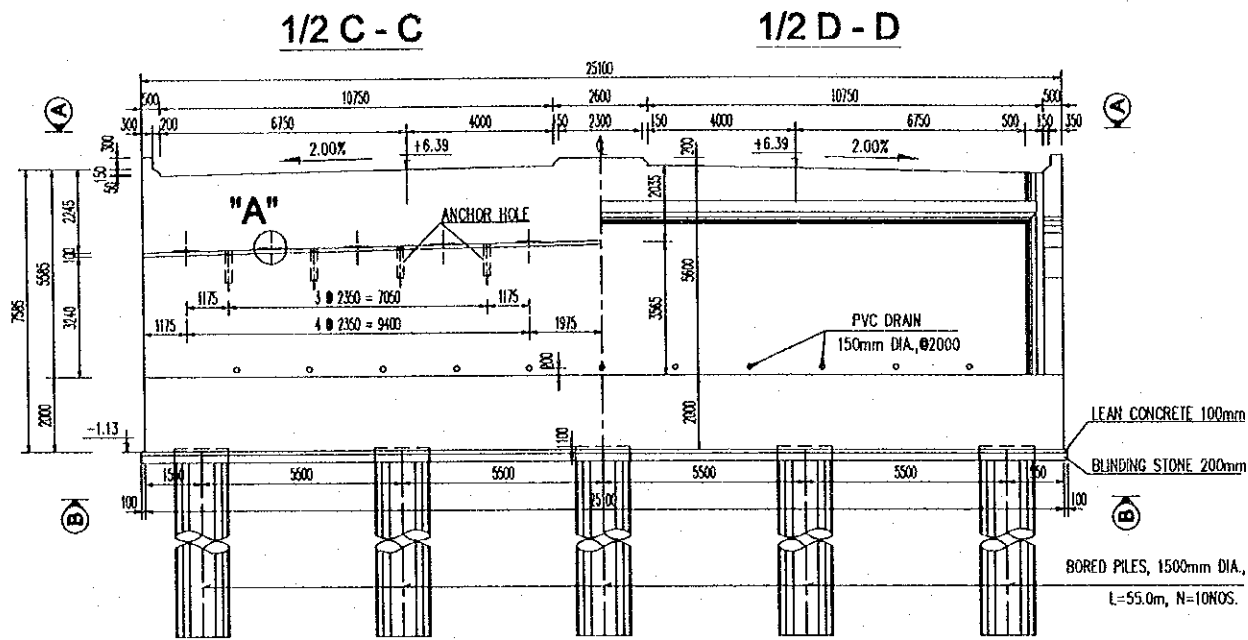
NOTE

FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO. P3/BR3/0030

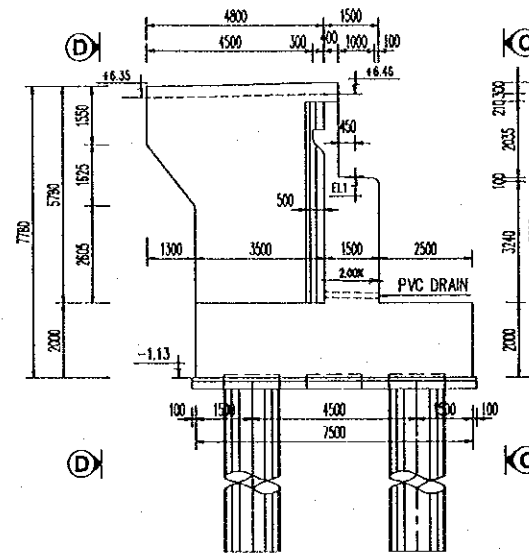
PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM	PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	(NK) NIPPON KOEI CO., LTD.	NAME: T. Kametani SIGNATURE: [Signature] DATE: 20/9/2000	NAME: K. Matsumoto SIGNATURE: [Signature] DATE: 29/9/2000	NAME: K. Enomoto SIGNATURE: [Signature] DATE: 5/10/2000	CAI DA BRIDGE ABUTMENTS GENERAL VIEW OF ABUTMENT A1	P3/BR3/0280

DETAIL OF ABUTMENT A2

(SCALE 1:200)

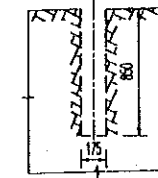


SIDE ELEVATION

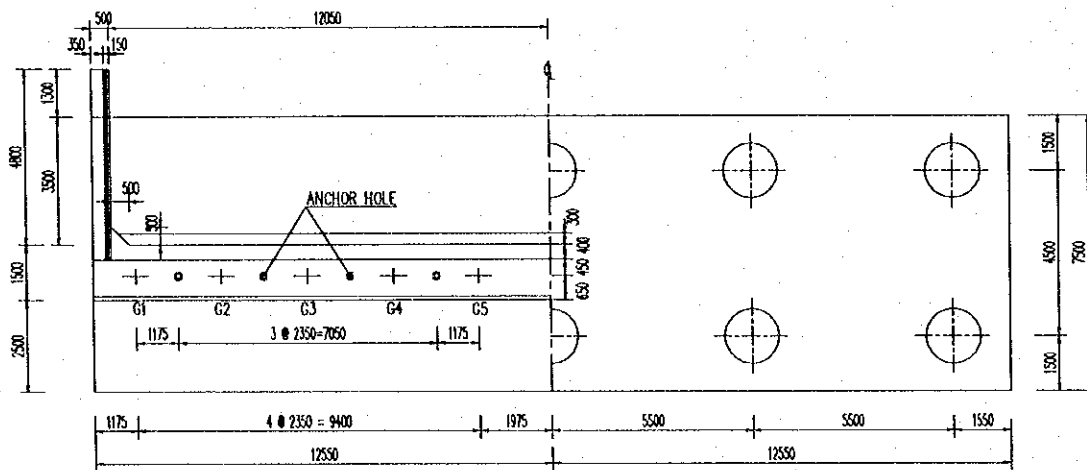


DETAIL OF ANCHOR HOLE

(SCALE 1:50)



1/2 A - A



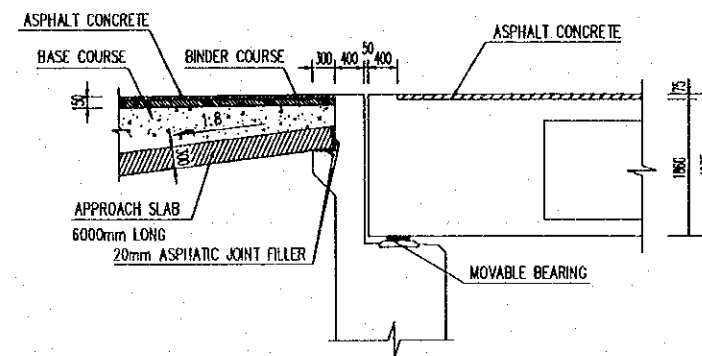
1/2 B - B

GIRDER BEARING SEAT ELEVATION OF EL1

GROUT PAD	G1	G2	G3	G4	G5	
ABUTMENT TYPE	A2	+4.23	+4.28	+4.33	+4.37	+4.42

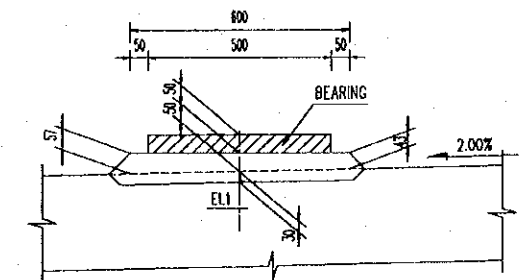
DETAIL OF BACK WALL

(SCALE 1:100)

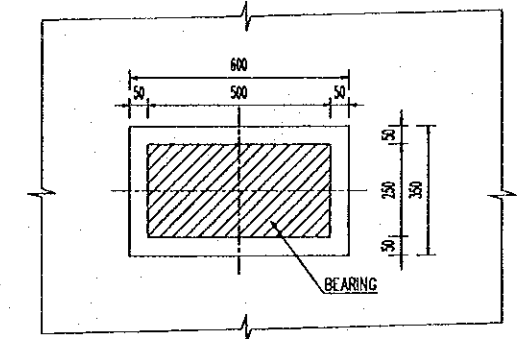


DETAIL "A"

(SCALE 1:20)



PLAN



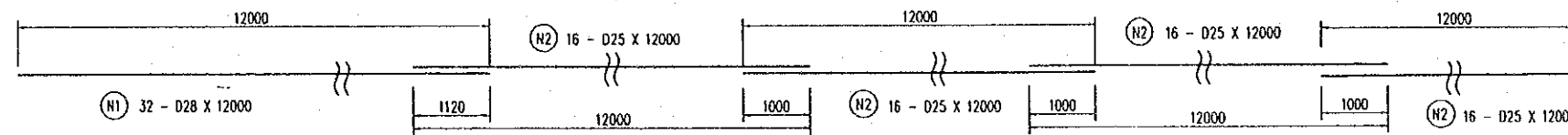
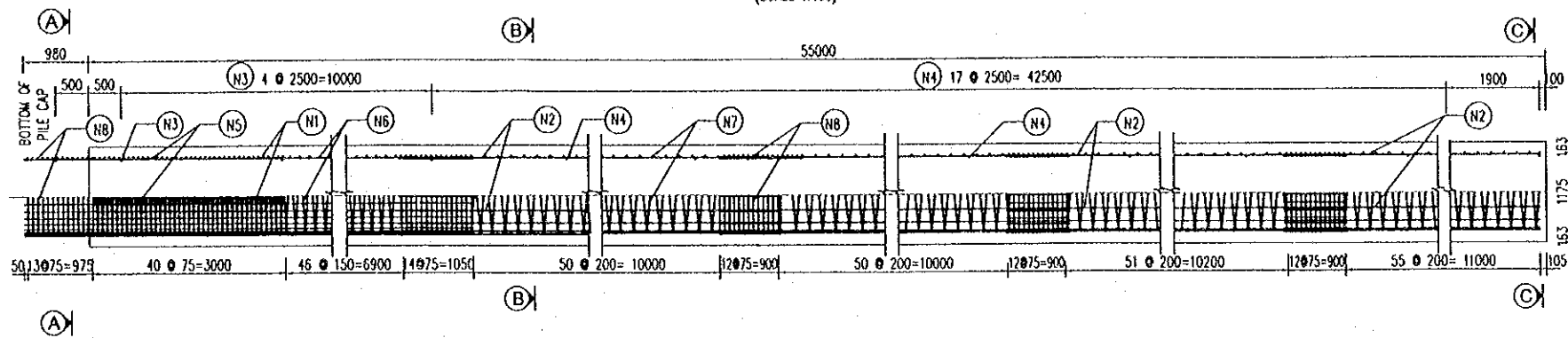
NOTE

FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO. P3/BR3/0030

PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM	PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	(NK) NIPPON KOEI CO.,LTD.	NAME: T. Kametani SIGNATURE: [Signature] DATE: 20/9/2000	NAME: K. Matsumoto SIGNATURE: [Signature] DATE: 29/9/2000	NAME: K. Enomoto SIGNATURE: [Signature] DATE: 5/10/2000	CAI DA BRIDGE ABUTMENTS GENERAL VIEW OF ABUTMENT A2	P3/BR3/0290

BORED CAST IN-SITU PILE DETAILS FOR ABUTMENTS A1&A2

(SCALE 1:100)



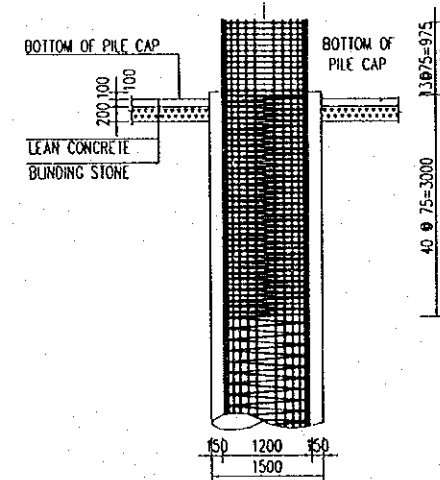
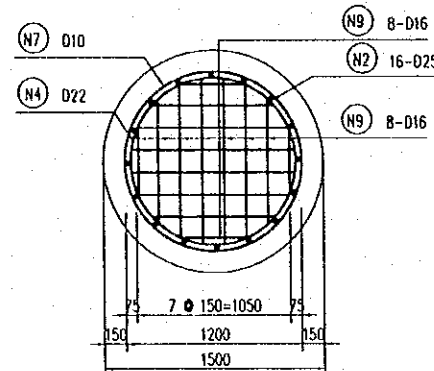
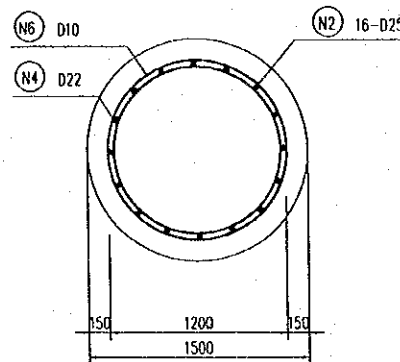
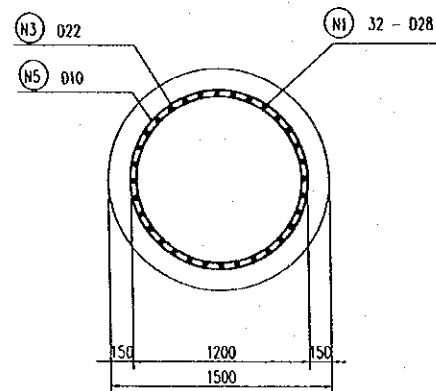
SECTION A-A
(SCALE 1:50)

SECTION B-B
(SCALE 1:50)

SECTION C-C
(SCALE 1:50)

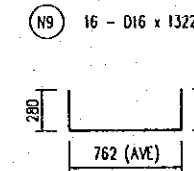
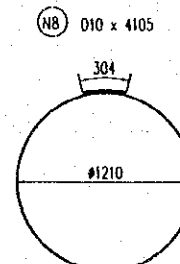
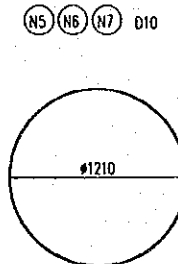
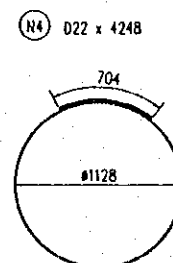
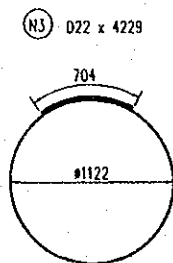
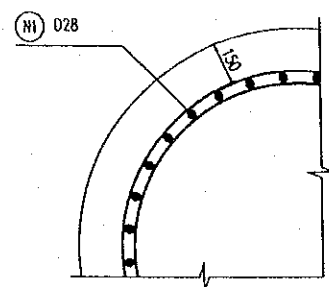
DETAIL OF CONCRETE PILE HEAD
(SCALE 1:100)

MATERIAL OF PILE



TYPE	D(mm)	LENGTH OF BAR (mm)	UNIT WEIGHT (kg/m)	NUMBER	WEIGHT (kg)	CONCRETE VOLUME (m ³)	
N1	D28	12000	4.834	32	1856.3	97.19	
N2	D25	12000	3.853	64	2959.1		
N3	D22	4229	2.984	6	75.7		
N4	D22	4248	2.984	18	228.2		
N5	D10	152053	0.617	1	93.8		
N6	D10	174861	0.617	1	107.9		
N7	D10	786875	0.617	1	485.5		
N8	D10	4105	0.617	68	172.2		
N9	D16	1322	1.578	16	33.4		
					D10		859.4 kg
					D16		33.4 kg
					D22		303.9 kg
					D25		2959.1 kg
					D28	1856.3 kg	
TOTAL						6012.1 kg	

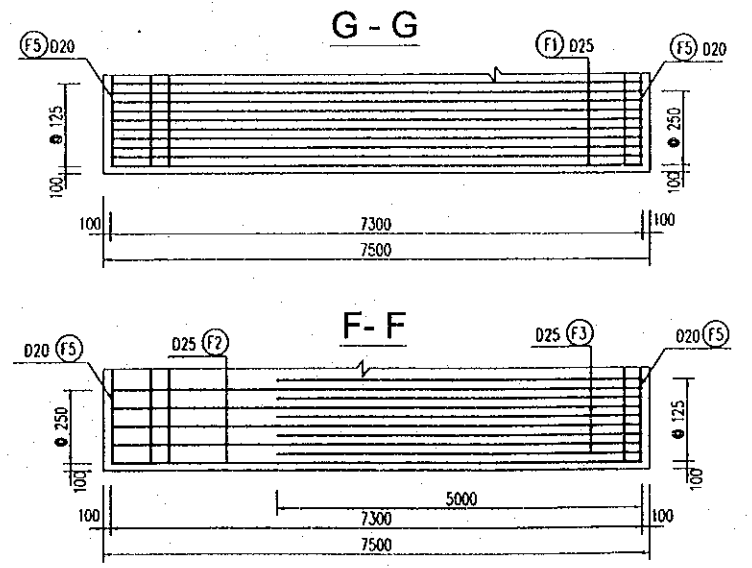
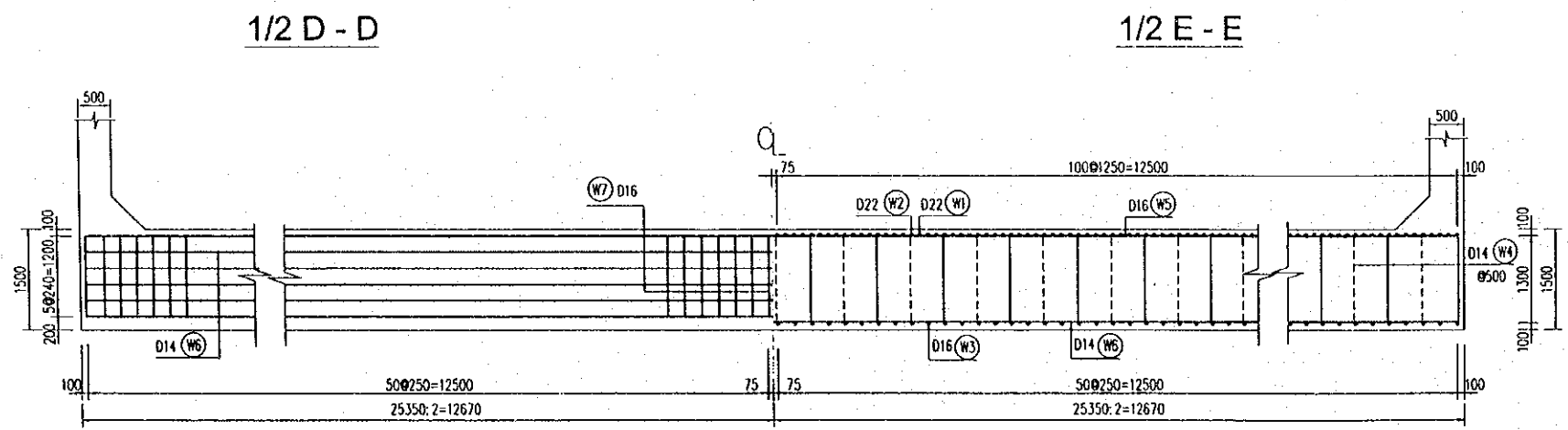
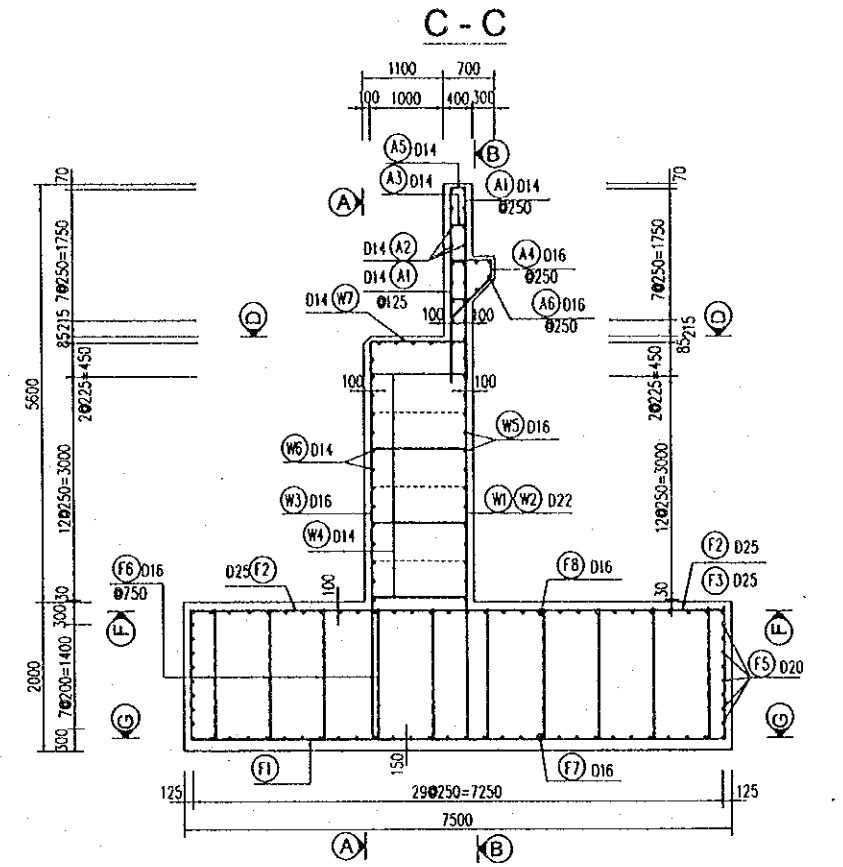
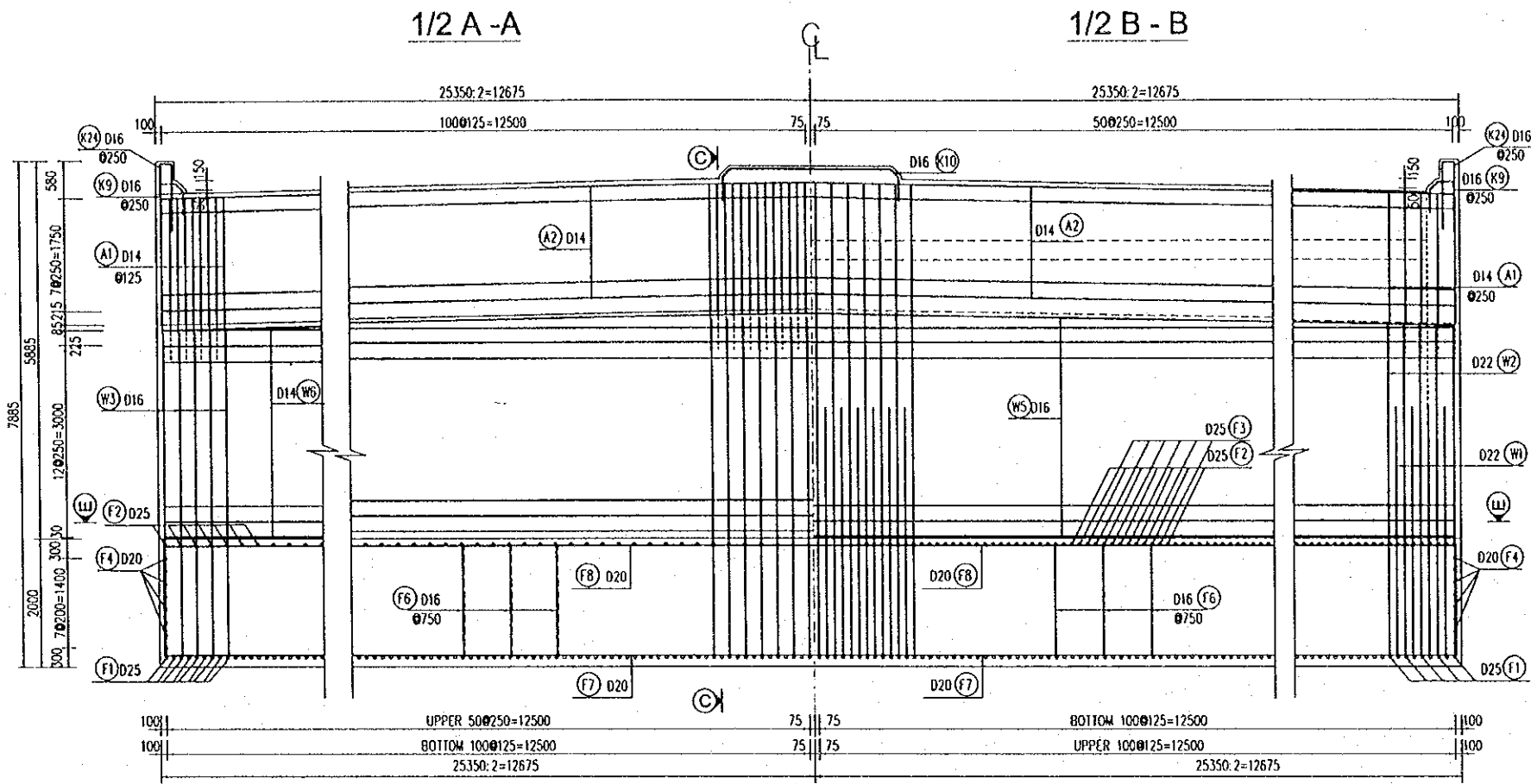
DETAIL OF RECOVERING
(SCALE 1:25)



NOTES

- FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO P3/BR3/0030.

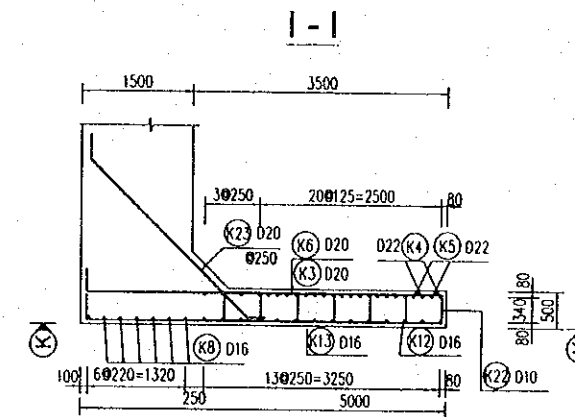
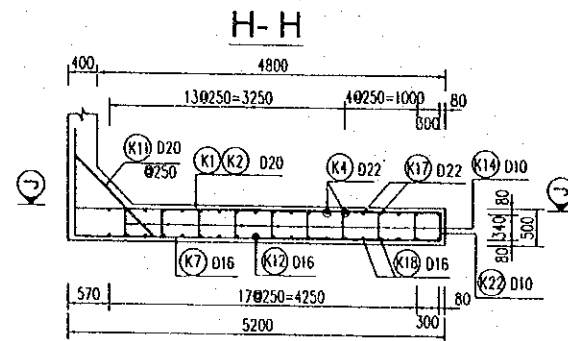
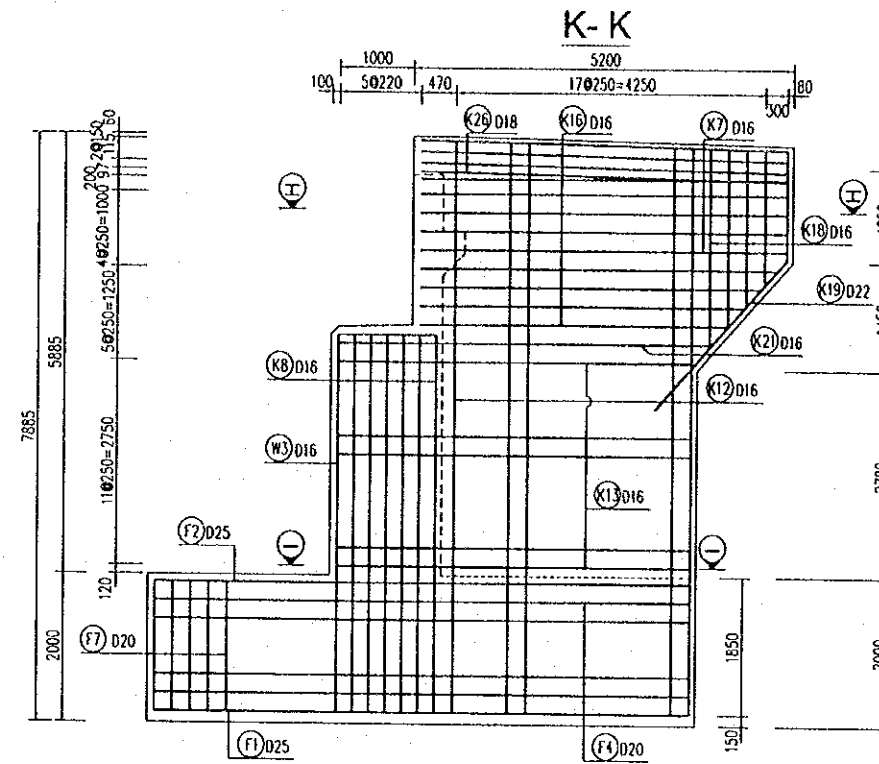
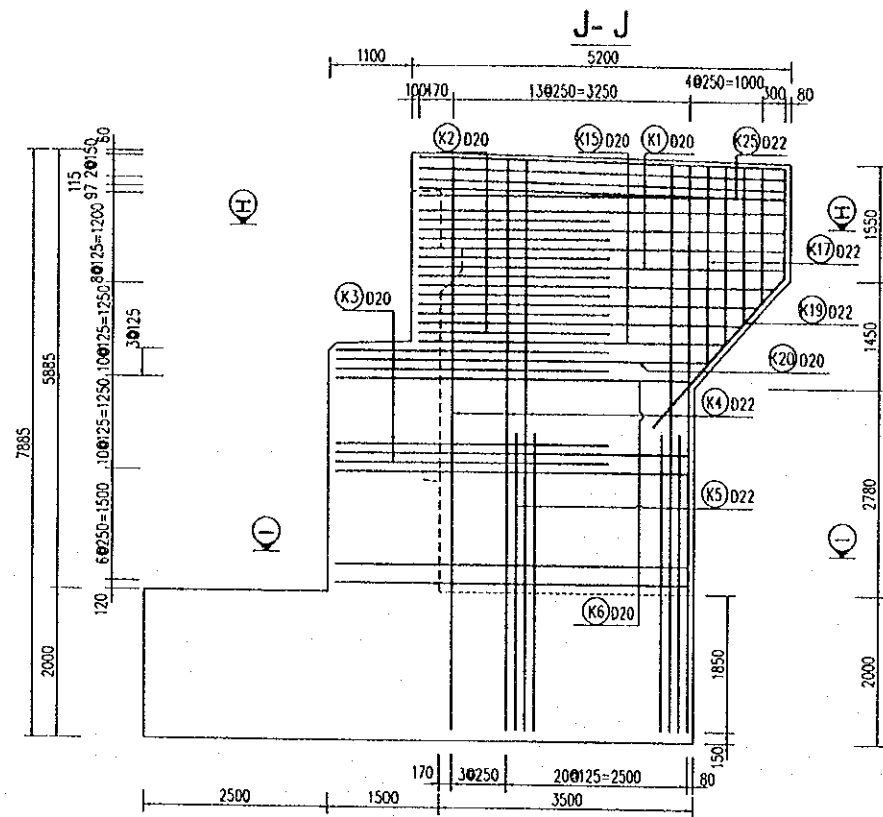
PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM	PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	NIPPON KOEI CO.,LTD.	T. Kametani	K. Matsumoto	K. Enomoto	CAI DA BRIDGE ABUTMENTS ABUTMENTS A1&A2 - BORED PILE DETAILS - L=55M	P3/BR3/0300
				NAME	T. Kametani	K. Matsumoto		
				SIGNATURE	<i>T. Kametani</i>	<i>K. Matsumoto</i>		
				DATE	20/9/2000	29/9/2000	5/10/2000	



NOTES

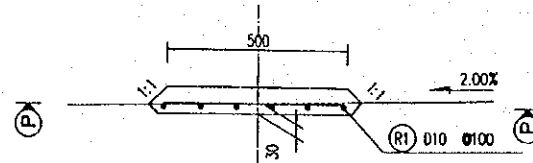
1. FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO. P3/BR3/0030

PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM	PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	(NK) NIPPON KOEI CO.,LTD.	T. Kametani	K. Matsumoto	K. Enomoto	CAI DA BRIDGE ABUTMENTS REINFORCEMENT OF ABUTMENT A1- SHEET 1	P3/BR3/0310
				SIGNATURE	SIGNATURE	SIGNATURE		
				DATE	DATE	DATE		



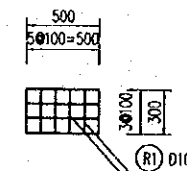
REINFORCING SHOES

(SCALE 1:20)



P - P

(SCALE 1:50)

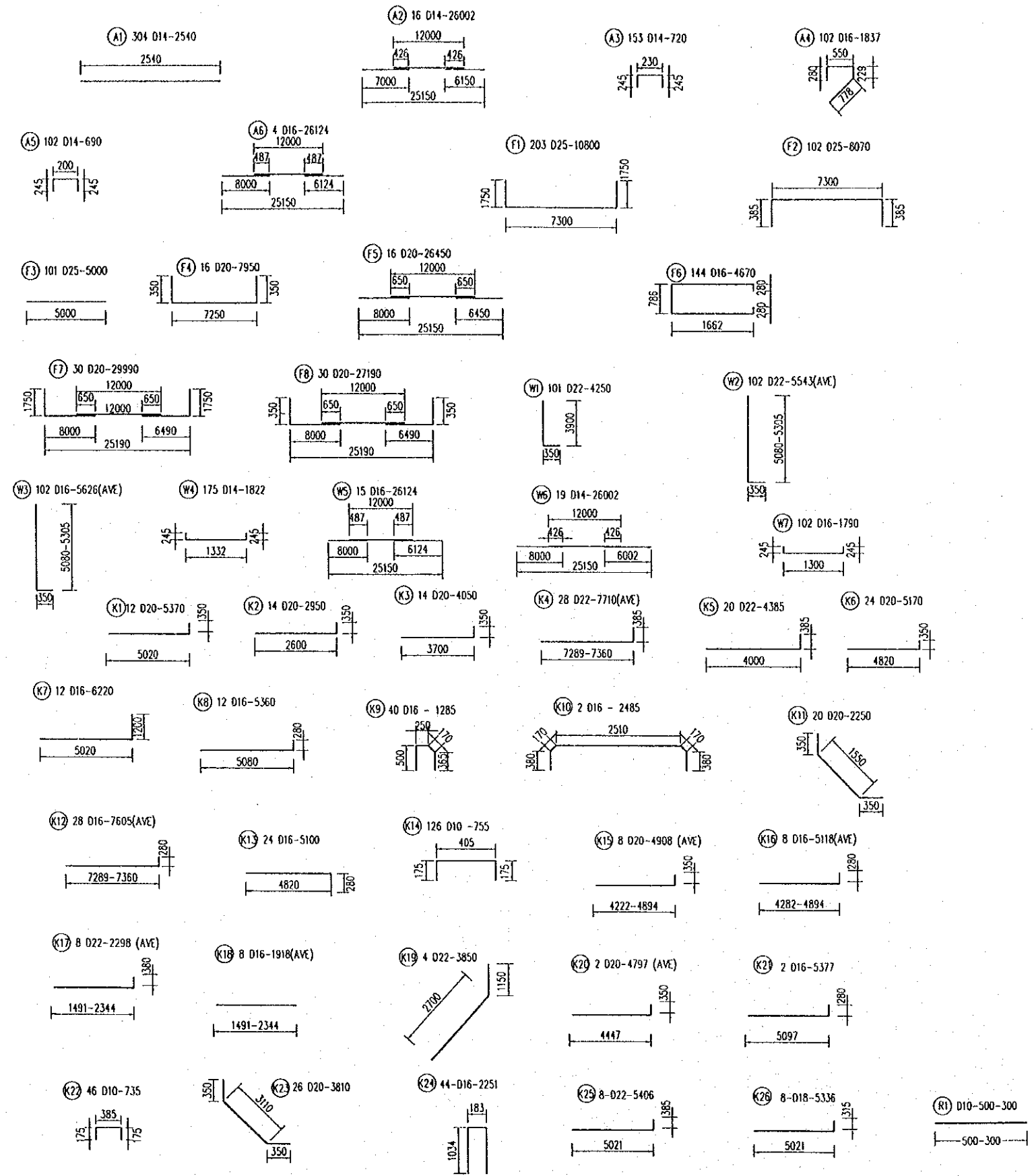


NOTES

1. FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO. P3/BR3/0030

PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM	PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	(NK) NIPPON KOBI CO., LTD.	T. Kametani	K. Matsumoto	K. Enomoto	CAI DA BRIDGE ABUTMENTS	P3/BR3/0320
				SIGNATURE	SIGNATURE	SIGNATURE	REINFORCEMENT OF ABUTMENT A1- SHEET 2	
				DATE	DATE	DATE		
				20/9/2000	29/9/2000	5/10/2000		

LIST OF REINFORCEMENT (FOR ABUTMENT A1)

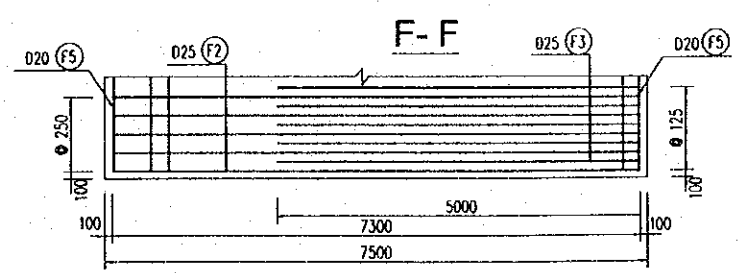
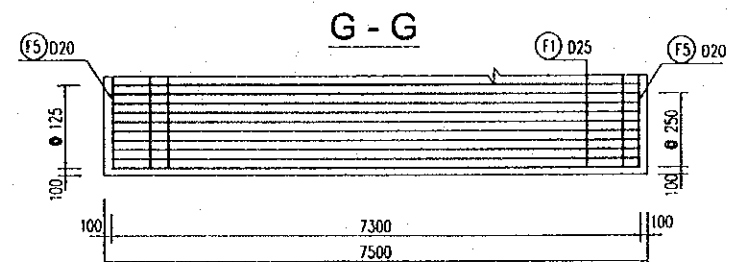
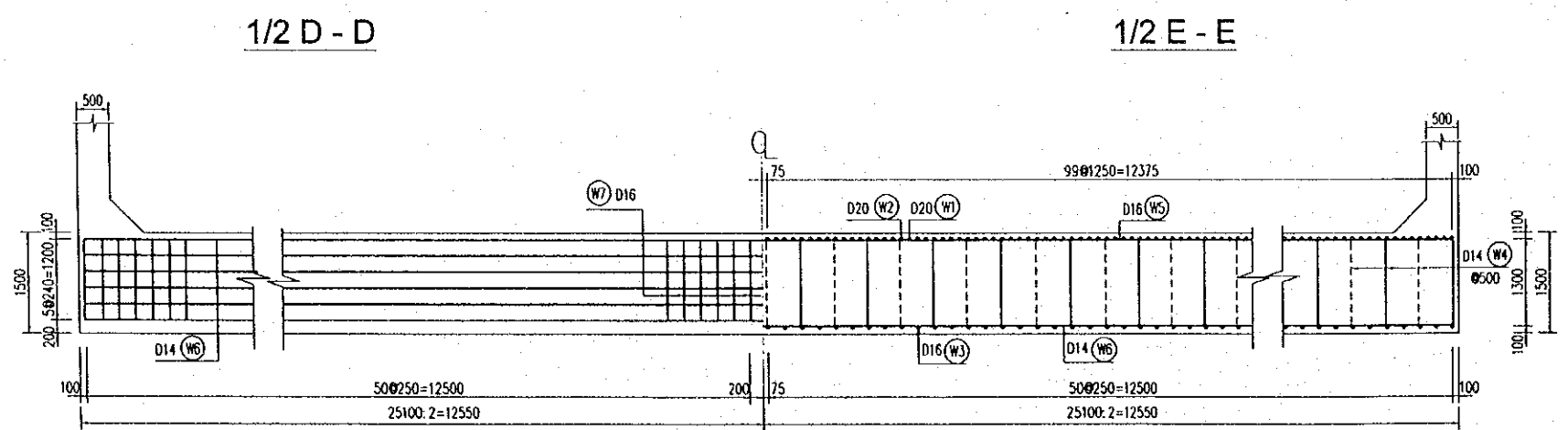
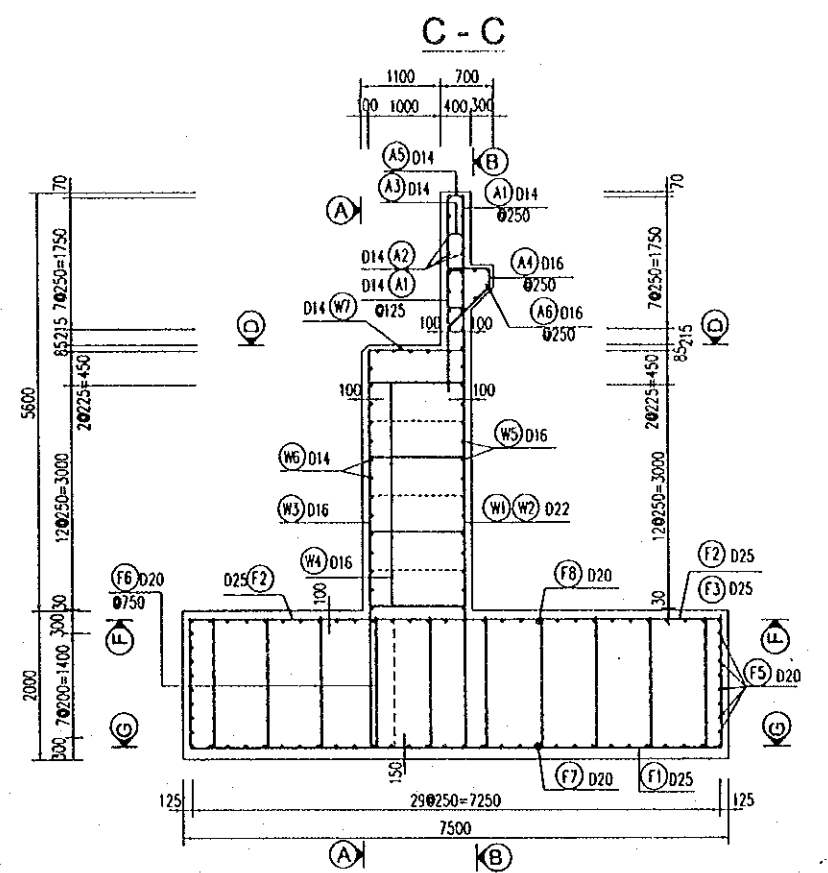
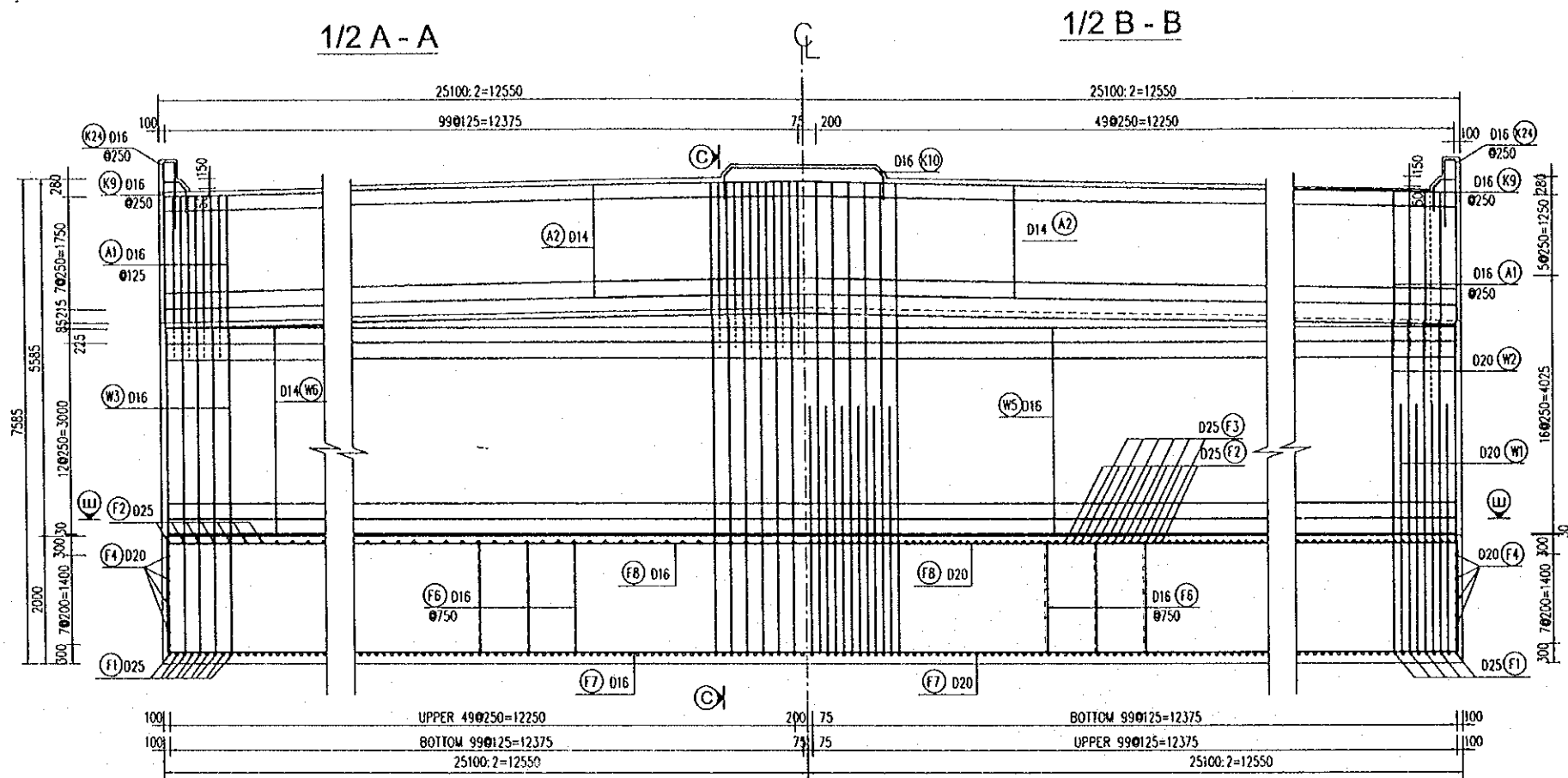


REINF No	DIA (mm)	LENGTH (mm)	NUMBER	UNIT WEIGHT (kg/m)	WEIGHT (kg)	REMARKS
A1	14	2540	304	1.208	932.8	
A2	14	26002	16	1.208	502.6	
A3	14	720	153	1.208	133.1	
A4	16	1837	102	1.578	295.7	
A5	14	690	102	1.208	85.0	
A6	16	26124	4	1.578	164.9	
F1	25	10800	203	3.853	8447.3	
F2	25	8070	102	3.853	3171.6	
F3	25	5000	101	3.853	1945.8	
F4	25	7950	16	3.853	490.1	
F5	20	26450	16	2.466	1043.6	
F6	20	4670	144	2.466	1658.3	
F7	16	29990	30	1.578	1419.7	
F8	20	27190	30	2.466	2011.5	
W1	22	4250	101	2.984	1280.9	
W2	22	5543	102	2.984	1687.1	
W3	16	5626	102	1.578	905.5	
W4	14	1822	147	1.208	323.5	
W5	16	26124	15	1.578	618.4	
W6	14	26002	19	1.208	596.8	
W7	16	1790	102	1.578	288.1	
K1	22	5370	12	2.984	192.3	
K2	22	2950	14	2.984	123.2	
K3	22	4050	14	2.984	169.2	
K4	25	7710	28	3.853	831.8	
K5	25	4385	20	3.853	337.9	
K6	22	5170	24	2.984	370.3	
K7	18	6220	12	1.998	149.1	
K8	16	5360	12	1.578	101.5	
K9	16	1285	40	1.578	81.1	
K10	16	2485	2	1.578	7.8	
K11	20	2250	20	2.466	111.0	
K12	16	7605	28	1.578	336.0	
K13	18	5100	24	1.998	244.6	
K14	10	755	126	0.617	58.7	
K15	10	4908	8	0.617	24.2	
K16	20	5118	8	2.466	101.0	
K17	22	2298	8	2.984	54.9	
K18	25	1918	8	3.853	59.1	
K19	25	3850	4	3.853	59.3	
K20	18	4797	2	1.998	19.2	
K21	18	5377	2	1.998	21.5	
K22	16	735	46	1.578	53.4	
K23	22	3810	26	2.984	295.6	
K24	16	2251	44	1.578	156.3	
K25	22	5406	8	2.984	129.1	
K26	18	5336	8	1.998	85.3	
R1	10	300-500	60-40	0.617	23.4	AVERAGE
TOTAL :				32199.0	Kg	
D10	106.4	Kg	D20	4925.4	Kg	
D14	2573.8	Kg	D22	4302.5	Kg	
D16	4428.4	Kg	D25	15342.9	Kg	
D18	519.6	Kg				

NOTES

1. FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO. P3/BR3/0030

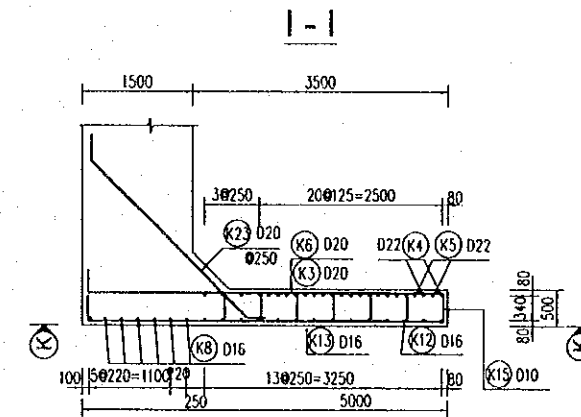
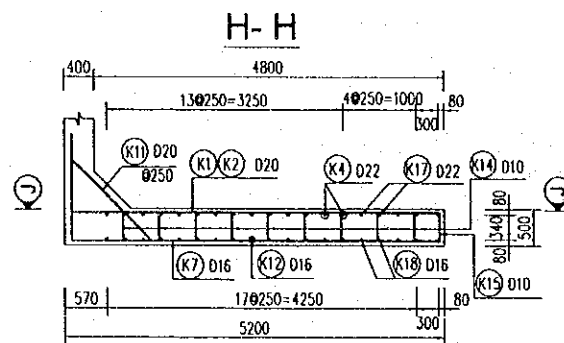
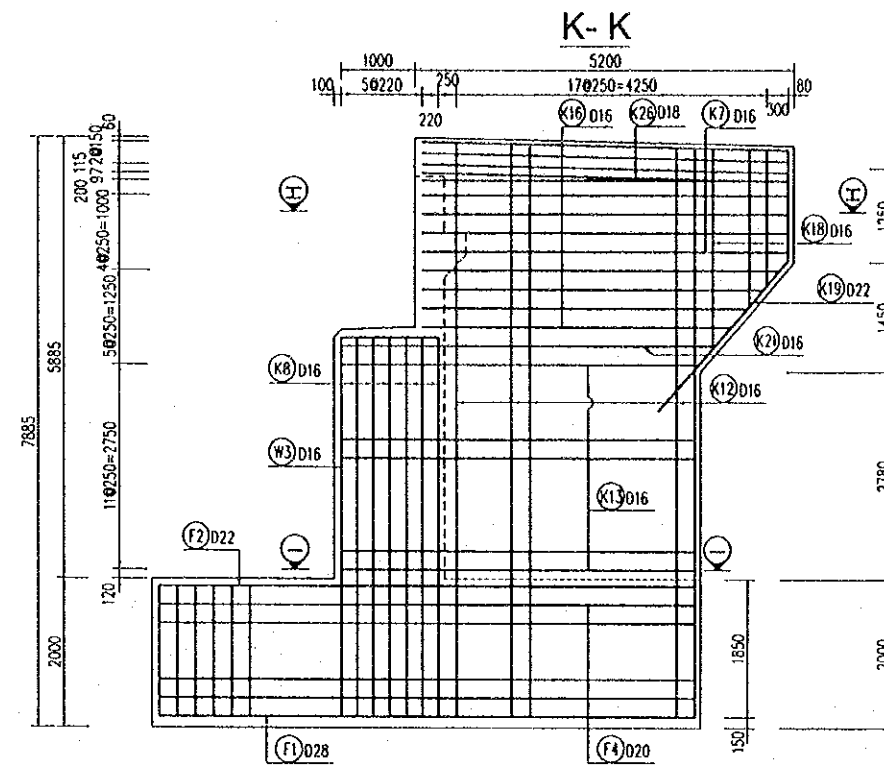
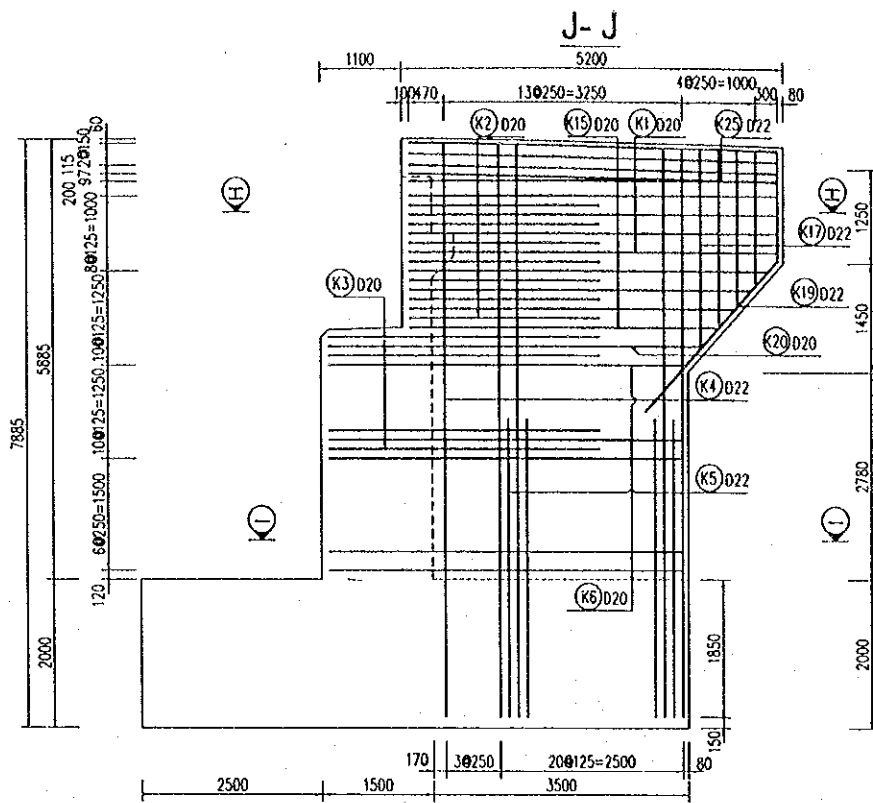
PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM	PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	(NK) NIPPON KOEI CO.,LTD.	T. Kametani	K. Matsumoto	K. Enomoto	CAI DA BRIDGE ABUTMENTS REINFORCEMENT OF ABUTMENT A1- SHEET 3	P3/BR3/0330
				SIGNATURE	<i>[Signature]</i>	<i>[Signature]</i>		
				DATE	20/9/2000	29/9/2000		



NOTES

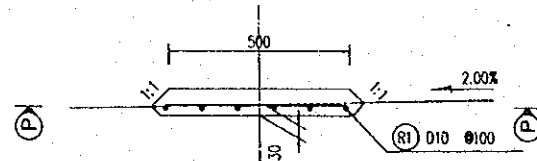
1. FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO. P3/BR3/0030

PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM	PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	(NK) NIPPON KOEI CO.,LTD.	T. Kametani	K. Matsumoto	K. Enomoto	CAI DA BRIDGE ABUTMENTS REINFORCEMENT OF ABUTMENT A2 - SHEET 1	P3/BR3/0340
				NAME				
				SIGNATURE				
				DATE	20/9/2000	29/9/2000	5/10/2000	



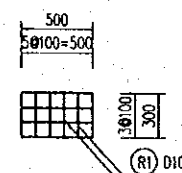
REINFORCING SHOES

(SCALE 1:20)



P - P

(SCALE 1:50)

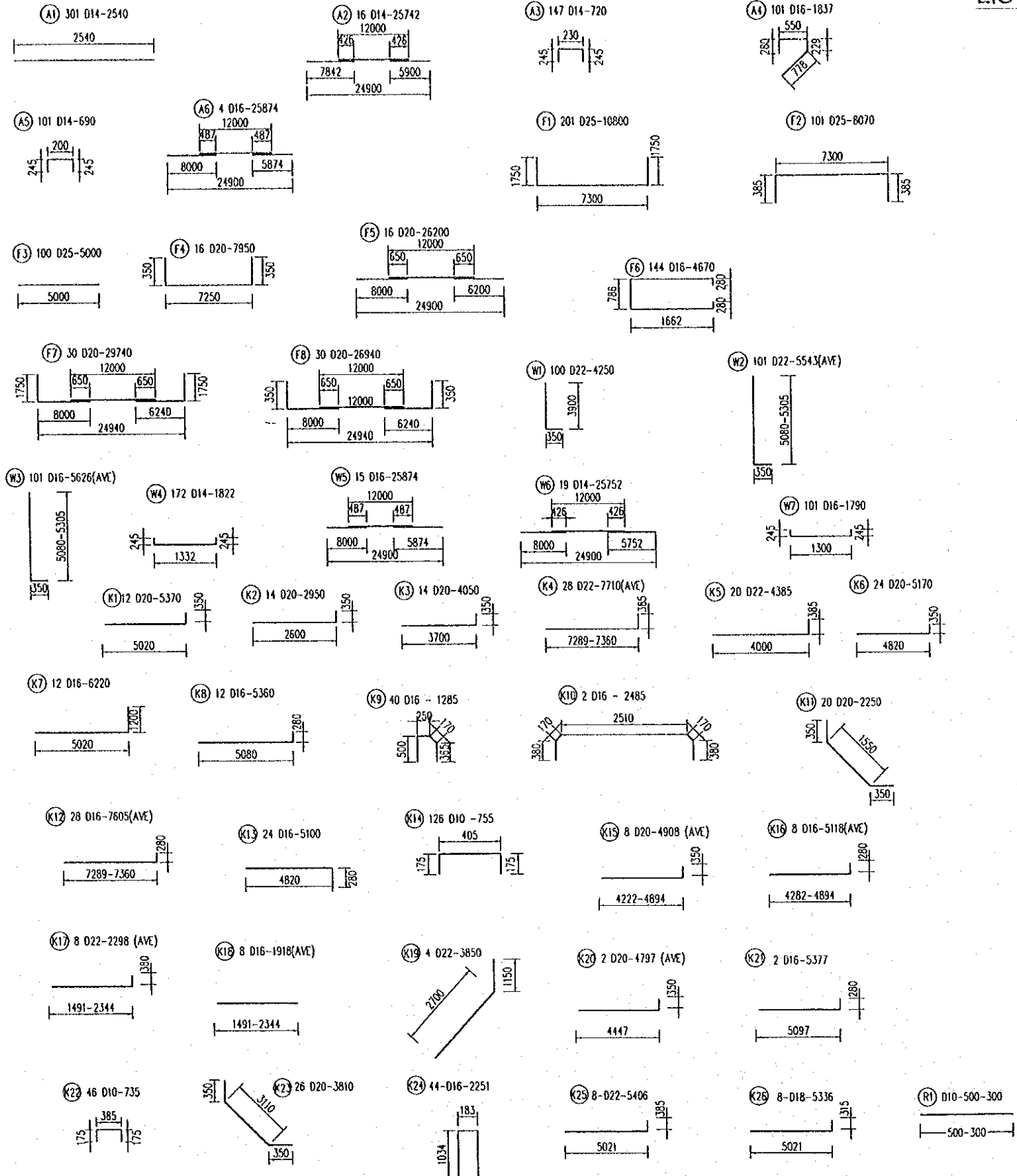


NOTES

1. FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO. P3/BR3/0030

PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM	PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	(NK) NIPPON KOEI CO.,LTD.	T. Kametani	K. Matsumoto	K. Enomoto	CAI DA BRIDGE ABUTMENTS REINFORCEMENT OF ABUTMENT A2 - SHEET 2	P3/BR3/0350
				NAME				
				SIGNATURE				
				DATE	20/9/2000	29/9/2000	5/10/2000	

LIST OF REINFORCEMENT (FOR ABUTMENT A2)



REINF No	DIA (mm)	LENGTH (mm)	NUMBER	UNIT WEIGHT (kg/m)	WEIGHT (kg)	REMARKS
A1	14	2540	301	1.208	923.6	
A2	14	25752	16	1.208	497.7	
A3	14	720	147	1.208	127.9	
A4	16	1837	101	1.578	292.8	
A5	14	690	101	1.208	84.2	
A6	16	25874	4	1.578	163.3	
F1	25	10800	201	3.853	8364.1	
F2	25	8070	101	3.853	3140.5	
F3	25	5000	100	3.853	1926.5	
F4	25	7950	16	3.853	490.1	
F5	20	26200	16	2.466	1033.7	
F6	20	4670	144	2.466	1658.3	
F7	16	29740	30	1.578	1407.9	
F8	20	26940	30	2.466	1993.0	
W1	22	4250	100	2.984	1268.2	
W2	22	5543	101	2.984	1670.6	
W3	16	5626	101	1.578	896.7	
W4	14	1822	172	1.208	378.6	
W5	16	25874	15	1.578	612.4	
W6	14	25752	19	1.208	591.1	
W7	16	1790	101	1.578	285.3	
K1	22	5370	12	2.984	192.3	
K2	22	2950	14	2.984	123.2	
K3	22	4050	14	2.984	169.2	
K4	25	7710	28	3.853	831.8	
K5	25	4385	20	3.853	337.9	
K6	22	5170	24	2.984	370.3	
K7	18	6220	12	1.998	149.1	
K8	16	5360	12	1.578	101.5	
K9	16	1285	40	1.578	81.1	
K10	16	2485	2	1.578	7.8	
K11	20	2250	20	2.466	111.0	
K12	16	7605	28	1.578	336.0	
K13	18	5100	24	1.998	244.6	
K14	10	755	126	0.617	58.7	
K15	10	4908	8	0.617	24.2	
K16	20	5118	8	2.466	101.0	
K17	22	2298	8	2.984	54.9	
K18	25	1918	8	3.853	59.1	
K19	25	3850	4	3.853	59.3	
K20	18	4797	2	1.998	19.2	
K21	18	5377	2	1.998	21.5	
K22	16	735	46	1.578	53.4	
K23	22	3810	26	2.984	295.6	
K24	16	2251	44	1.578	156.3	
K25	22	5406	8	2.984	129.1	
K26	18	5336	8	1.998	85.3	
R1	10	300-500	60-40	0.617	23.4	
TOTAL :				32003.1	Kg	
D10	106.4	Kg	D20	4897.0	Kg	
D14	2603.0	Kg	D22	4273.3	Kg	
D16	4394.5	Kg	D25	15209.3	Kg	
D18	519.6	Kg				

NOTES

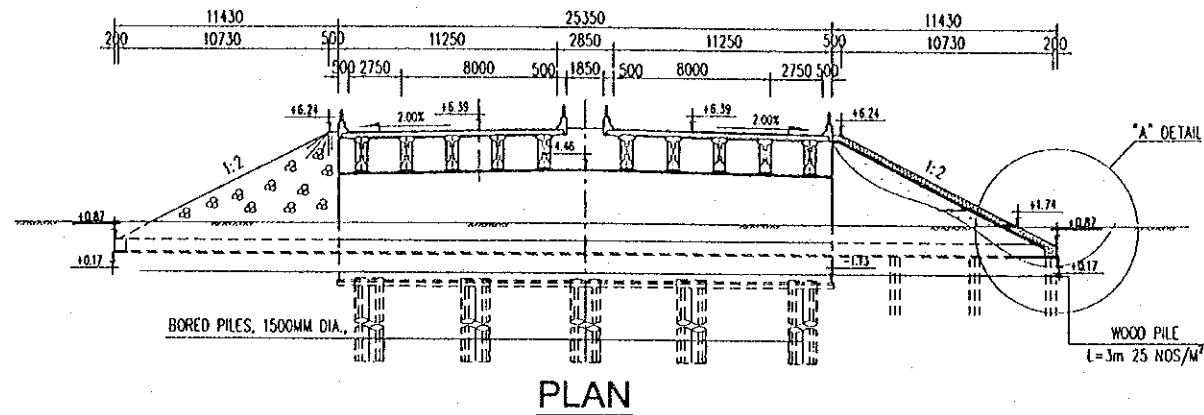
1. FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO. P3/BR3/0030

PROJECT NAME DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	IMPLEMENTATION AGENCY JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	EXECUTING AGENCY SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	JICA STUDY TEAM (NK) NIPPON KOEI CO.,LTD.	PREPARED BY NAME: T. Kametani SIGNATURE: [Signature] DATE: 20/9/2000	CHECKED BY NAME: K. Matsumoto SIGNATURE: [Signature] DATE: 29/9/2000	APPROVED BY NAME: K. Enomoto SIGNATURE: [Signature] DATE: 5/10/2000	DRAWING TITLE CAI DA BRIDGE ABUTMENTS REINFORCEMENT OF ABUTMENT A2 - SHEET 3	DWG NO. P3/BR3/0360
--	--	---	--	---	---	--	---	------------------------

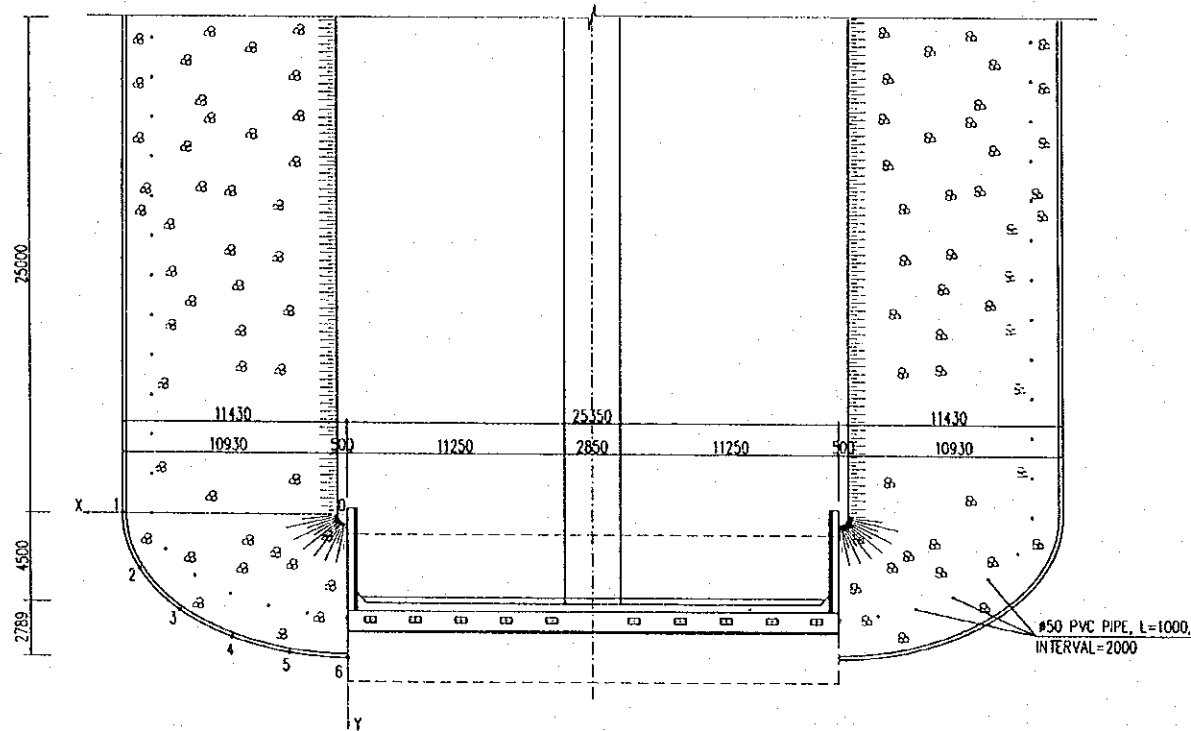
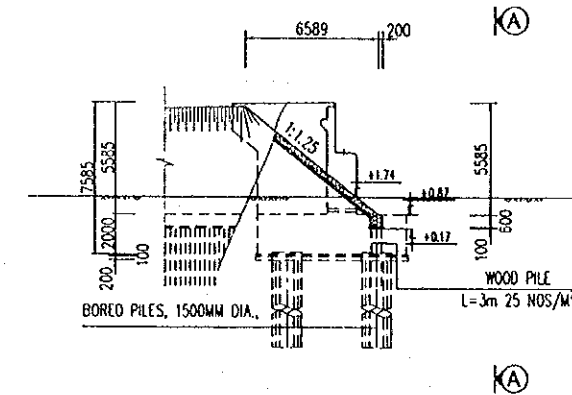
EARTHWORKS SLOPE PROTECTION

(SCALE 1:375)

A-A (ABUTMENT A1)



SIDE ELEVATION



"A" DETAIL

(SCALE 1:150)

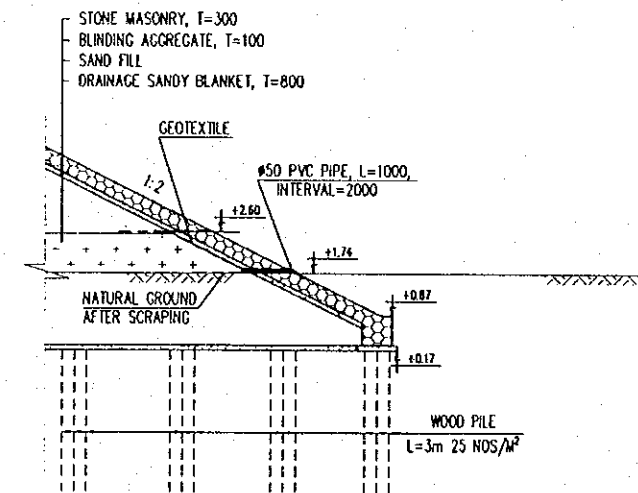


TABLE OF COORDINATES

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2	1055	280
3	847	490
4	583	627
5	296	704
6	0	729

NOTES

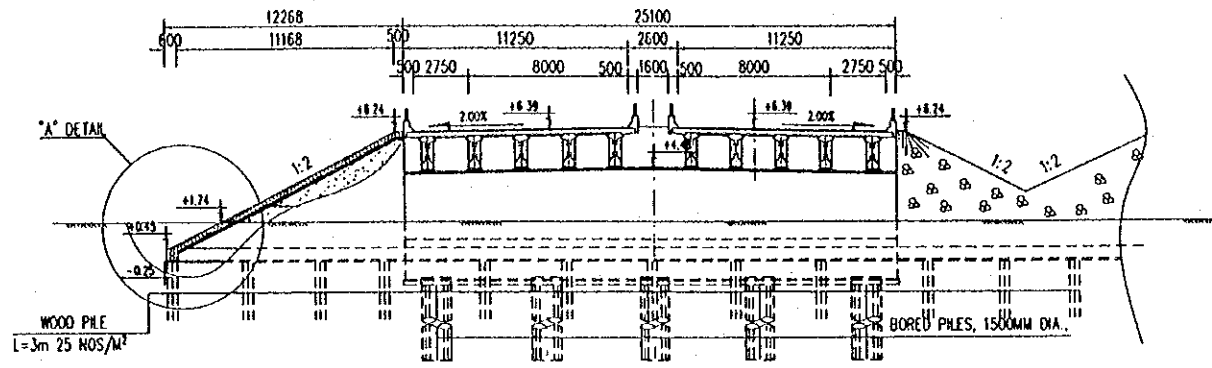
1. FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO. P1/BR3/0030

PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM	PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	(NK) NIPPON KOBI CO.,LTD.	T. Kametani	K. Matsumoto	K. Enomoto	CAI DA BRIDGE ABUTMENTS	P1/BR3/0370
				SIGNATURE	SIGNATURE	SIGNATURE	EARTHWORKS SLOPE PROTECTION - SHEET 1	
				DATE	DATE	DATE		

EARTHWORKS SLOPE PROTECTION

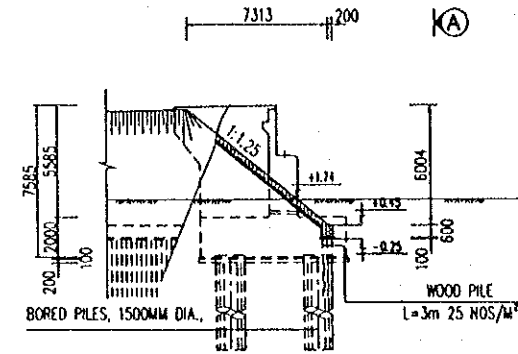
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A-A (ABUTMENT A2)



PLAN

SIDE ELEVATION



A

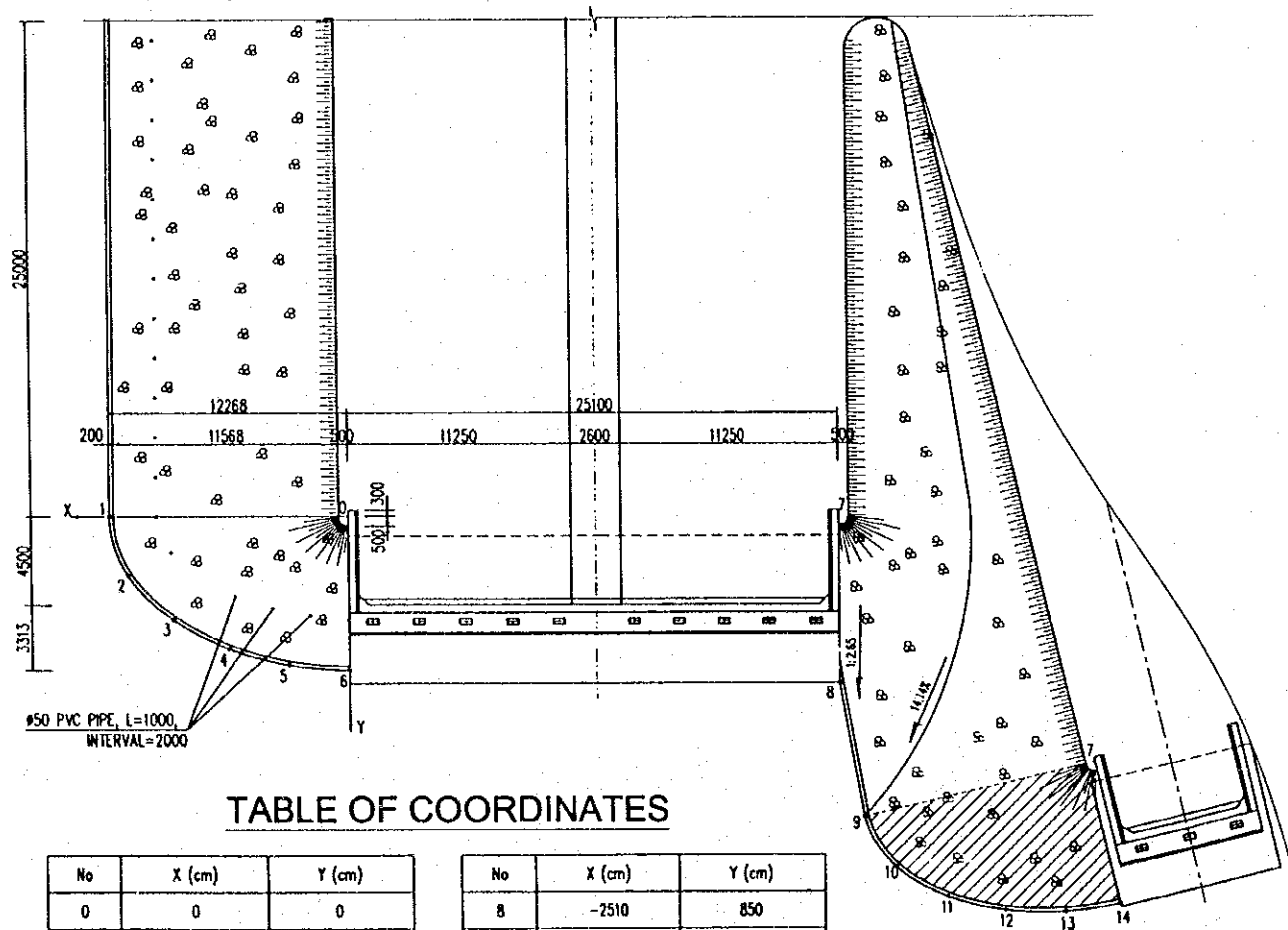
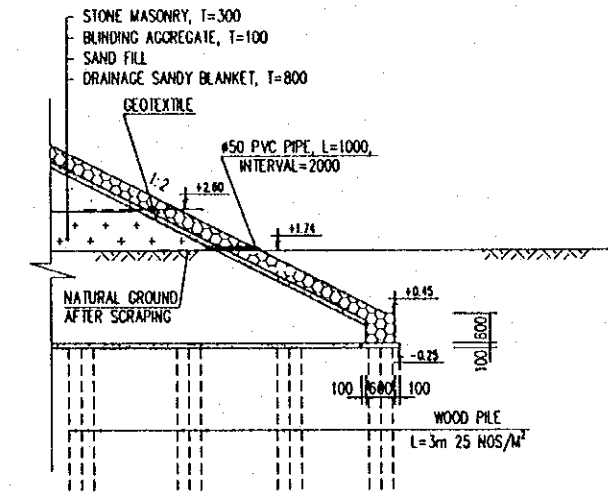


TABLE OF COORDINATES

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1	1227	0	9	-2631	1533
2	1132	300	10	-2788	1789
3	908	525	11	-3048	1943
4	626	672	12	-3343	2012
5	318	755	13	-3646	2018
6	0	781	14	-3927	1977
7	-2510	0			

"A" DETAIL

(SCALE 1:150)



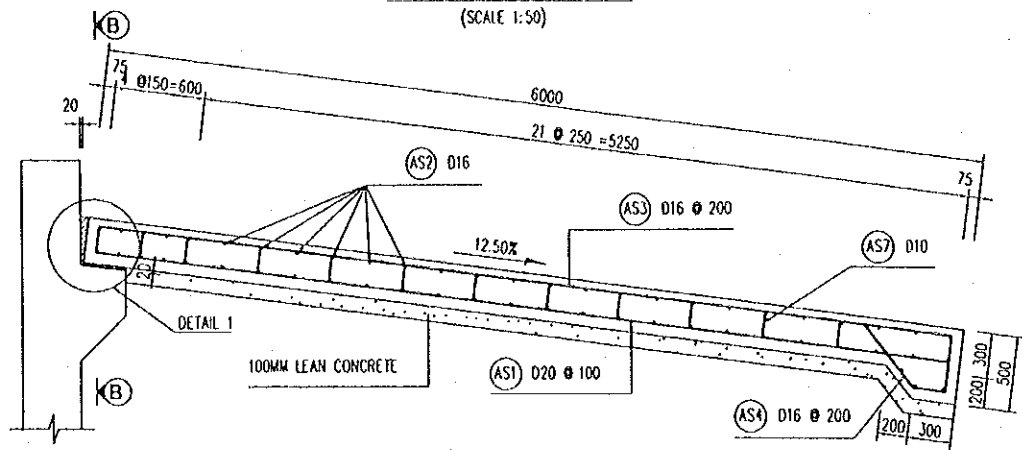
NOTES

1. FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO. P3/BR3/0030
2. THE QUANTITY OF HATCHED PART ON THE PLAN IS CALCULATED IN RAMPWAY "D" BRIDGE - IC J (SEE DRAWING No. P3/BR3/0380)

PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM	PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	(NK) NIPPON KOEI CO., LTD.	NAME: T. Kametani SIGNATURE: [Signature] DATE: 20/9/2000	NAME: K. Matsumoto SIGNATURE: [Signature] DATE: 29/9/2000	NAME: K. Enomoto SIGNATURE: [Signature] DATE: 5/10/2000	CAI DA BRIDGE ABUTMENTS EARTHWORKS SLOPE PROTECTION - SHEET 2	P3/BR3/0380

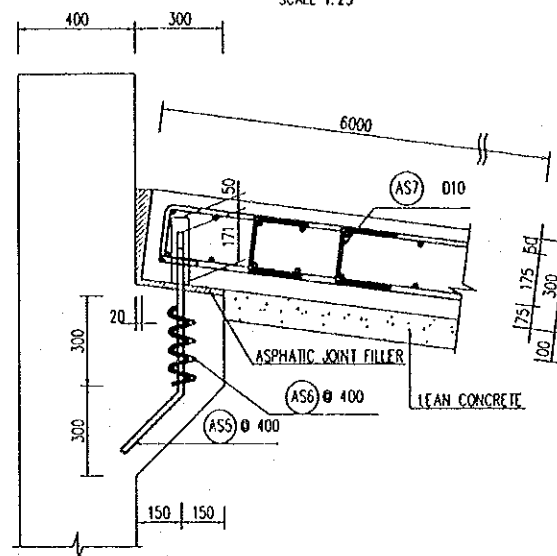
SECTION A - A

(SCALE 1:50)



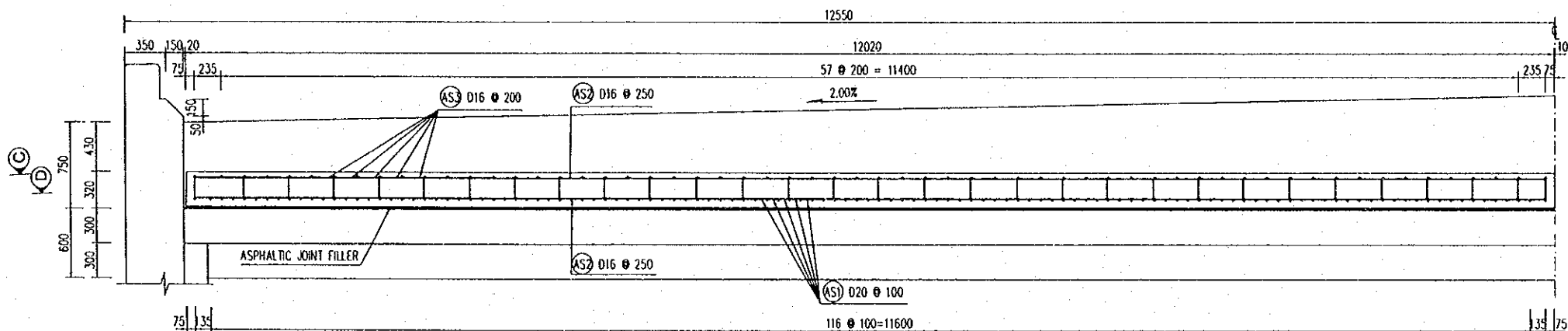
DETAIL 1

SCALE 1:25



HALF SECTION B - B

(SCALE 1:50)

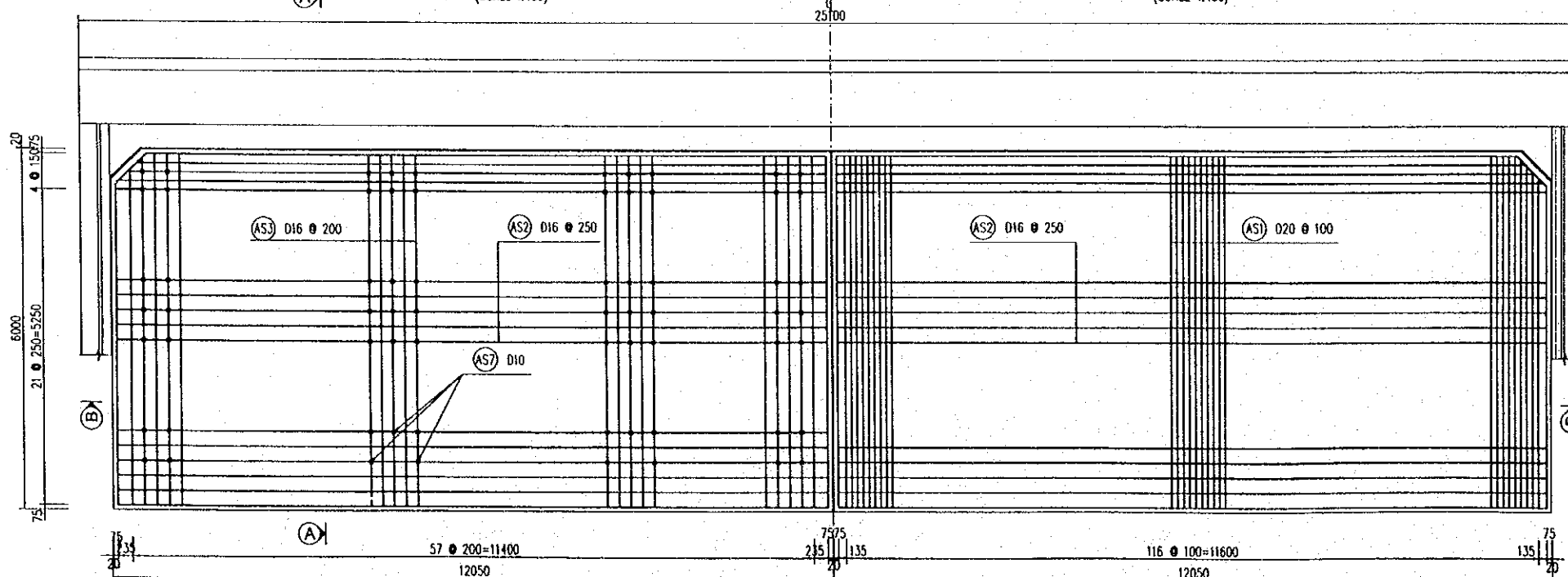


HALF SECTION C - C

(SCALE 1:100)

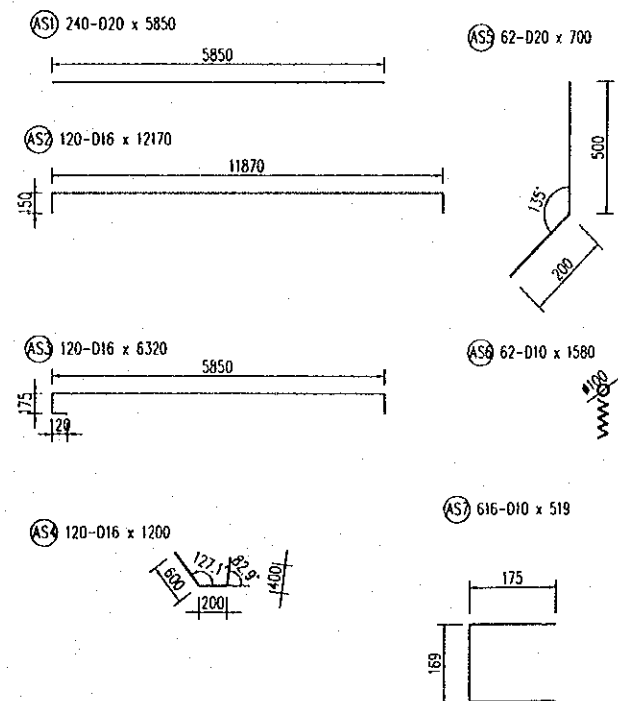
HALF SECTION D - D

(SCALE 1:100)



**LIST OF REINFORCEMENT
(FOR 1 ABUTMENT)**

TYPE	Ø (mm)	LENGTH OF BAR (mm)	U.WEIGHT (kg/m)	NUMBER	WEIGHT (Kg)	
AS1	D20	5850	2.466	238	3433.4	
AS2	D16	12170	1.578	110	2112.5	
AS3	D16	6320	1.578	120	1196.8	
AS4	D16	1200	1.578	120	227.2	
AS5	D20	700	2.466	62	107.0	
AS6	D10	1580	0.617	62	60.4	
AS7	D10	519	0.617	638	204.3	
					D10	264.7 kg
					D16	3536.5 kg
					D20	3540.4 kg
TOTAL					7341.6 kg	
CONCRETE					45.2 m ³	
LEAN CONCRETE					13.9 m ³	
ASPHALTIC JOINT FILLER					0.6 m ³	

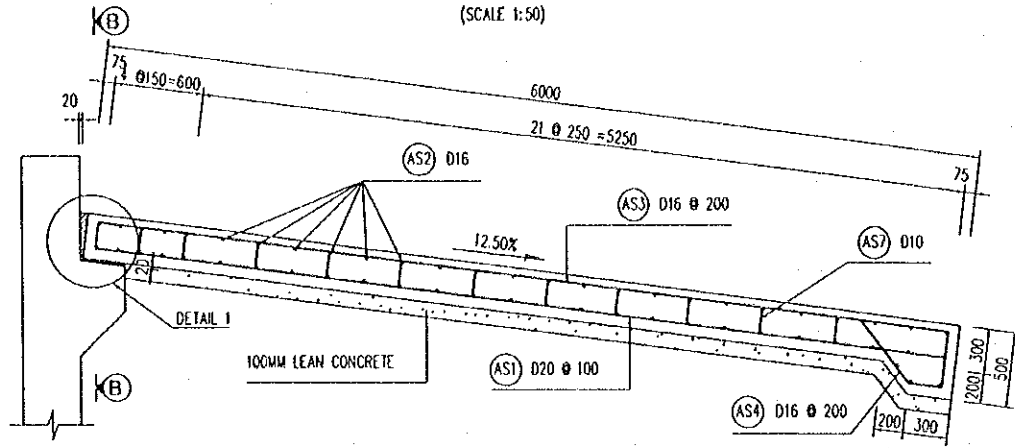


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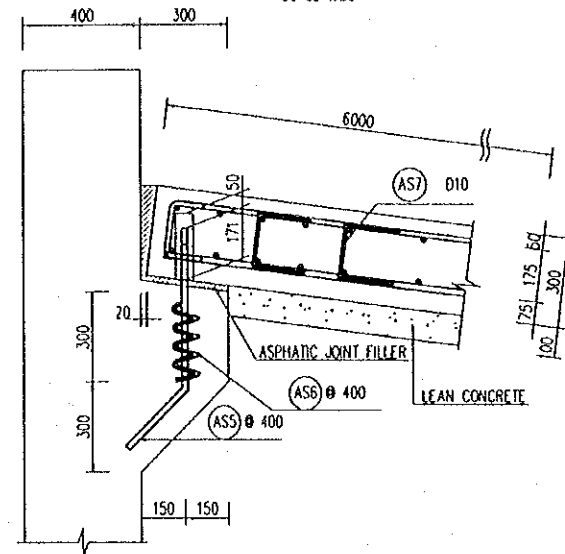
FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO P3/BR3/0030

PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM	PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	NIPPON KOEI CO.,LTD.	T. Kametani	K. Matsumoto	K. Enomoto	CAI DA BRIDGE ABUTMENTS DETAILS OF APPROACH SLAB - SHEET 1	P3/BR3/0390
				NAME	T. Kametani	K. Matsumoto		
				SIGNATURE	<i>[Signature]</i>	<i>[Signature]</i>		
				DATE	20/9/2000	29/9/2000	5/10/2000	

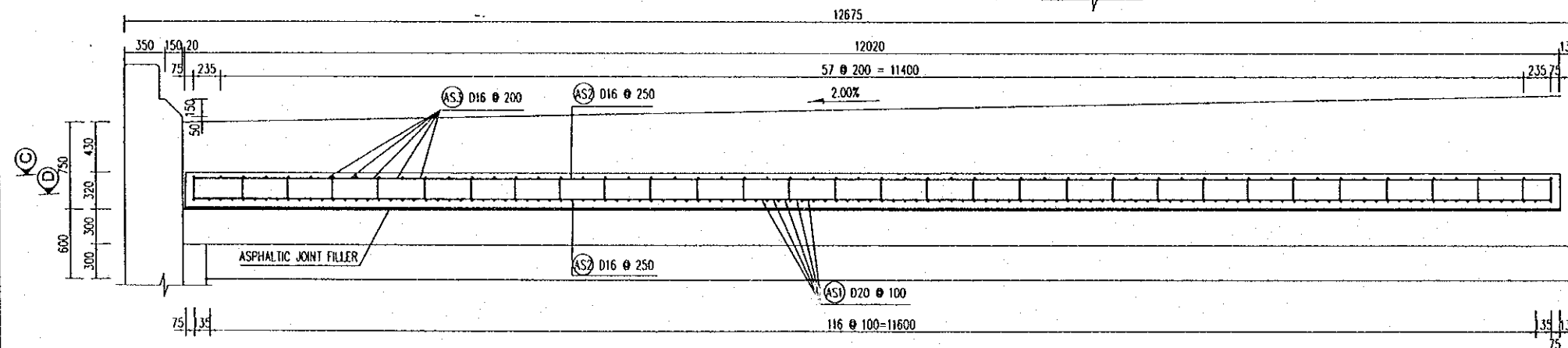
SECTION A - A
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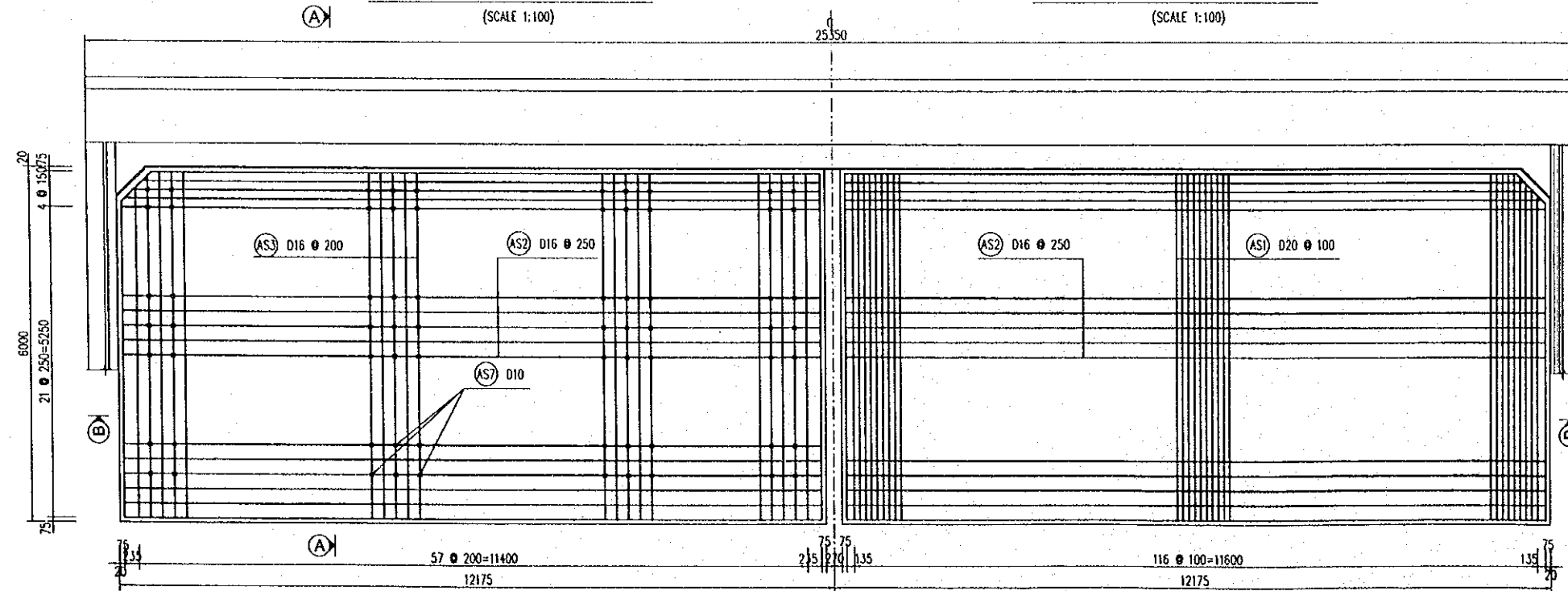
DETAIL 1
SCALE 1:25



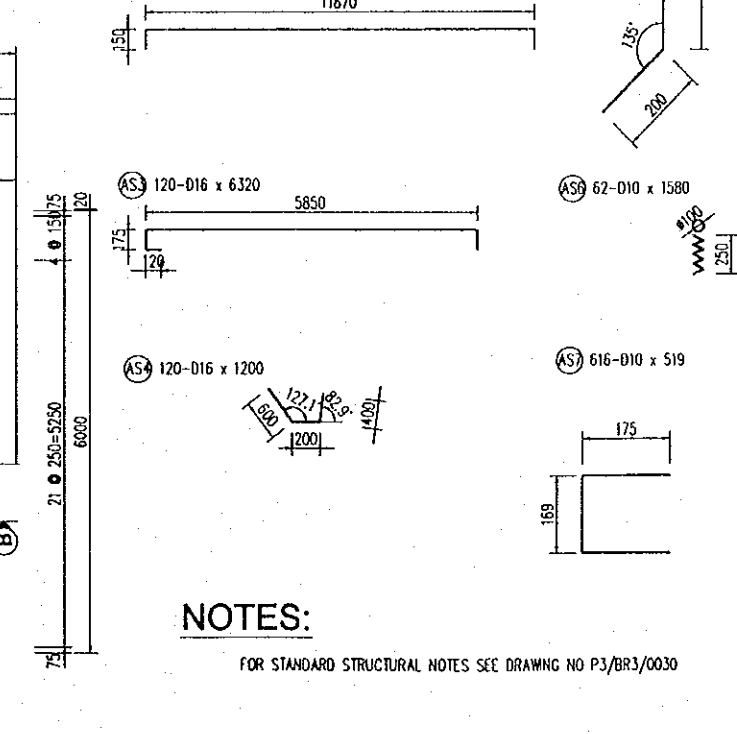
HALF SECTION B - B
(SCALE 1:50)



HALF SECTION C - C
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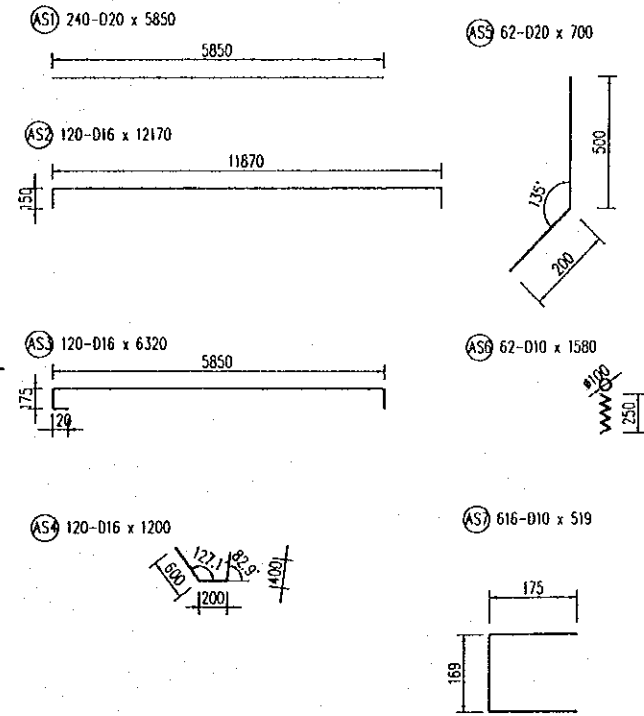


HALF SECTION D - D
(SCALE 1:100)



LIST OF REINFORCEMENT
(FOR 1 ABUTMENT)

TYPE	Ø (mm)	LENGTH OF BAR (mm)	U.WEIGHT (kg/m)	NUMBER	WEIGHT (kg)
AS1	D20	5850	2.466	238	3433.4
AS2	D16	12170	1.578	110	2112.5
AS3	D16	6320	1.578	120	1196.8
AS4	D16	1200	1.578	120	227.2
AS5	D20	700	2.466	62	107.0
AS6	D10	1580	0.617	62	60.4
AS7	D10	519	0.617	638	204.3
					D10 264.7 kg
					D16 3536.5 kg
					D20 3540.4 kg
					TOTAL 7341.6 kg
					CONCRETE 45.2 m ³
					LEAN CONCRETE 13.9 m ³
					ASPHALTIC JOINT FILLER 0.6 m ³



NOTES:

FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO P3/BR3/0030

PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM	PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	(NK) NIPPON KOEI CO.,LTD.	NAME: T. Kametani SIGNATURE: [Signature] DATE: 20/9/2000	NAME: K. Matsumoto SIGNATURE: [Signature] DATE: 29/9/2000	NAME: K. Enomoto SIGNATURE: [Signature] DATE: 5/10/2000	CAI DA BRIDGE ABUTMENTS DETAILS OF APPROACH SLAB - SHEET 2	P3/BR3/0400

QUANTITY TABLE OF ABUTMENTS

ITEMS		UNIT	ABUTMENT A1	ABUTMENT A2	TOTAL	
A- ABUTMENT						
PILE	NUMBER OF PILES	PILE	10.0	10.0	20.0	
	TOTAL LENGTH OF BORED PILES #1500mm	m	550.0	550.0	1100.0	
	CONCRETE CLASS D	m ³	971.9	971.9	1943.9	
	EXCAVATION	m ³	1023.2	1023.2	2046.4	
	REINFORCEMENT	D28	kg	18563.0	18563.0	37126.0
		D25	kg	29591.0	29591.0	59182.0
		D22	kg	3039.0	3039.0	6078.0
		D16	kg	334.0	334.0	668.0
		D10	kg	8594.0	8594.0	17188.0
	TOTAL	kg	60121.0	60121.0	120242.0	
ABUTMENT	CONCRETE CLASS E	m ³	578.3	572.9	1151.2	
	REINFORCEMENT	D25	kg	15342.9	15209.3	30552.2
		D22	kg	4302.5	4273.3	8575.8
		D20	kg	4925.4	4897.0	9822.4
		D18	kg	519.6	519.6	1039.2
		D16	kg	4428.4	4394.5	8822.9
		D14	kg	2573.8	2603.0	5176.8
		D10	kg	106.4	106.4	212.8
	TOTAL	kg	32199.0	32003.1	64202.1	
	SUPPORT	m ³	5.5	5.5	11.0	
	LEAN CONCRETE CLASS G	m ³	17.9	17.9	35.8	
	BLINDING STONE	m ³	35.8	35.8	71.6	
	EXCAVATION	m ³	1101	1027.0	2128.2	
BACK FILL	m ³	462.0	394.1	856.1		
B- APPROACH SLAB						
	CONCRETE CLASS E	m ³	45.6	45.1	90.7	
	LEAN CONCRETE CLASS G	m ³	14.0	13.9	27.9	
	ASPHALTIC JOINT FILLER T=20mm	m ³	0.43	0.42	0.85	
	REINFORCEMENT	D20	kg	3540.4	3540.4	7080.8
		D16	kg	3536.5	3536.5	7073.0
		D10	kg	264.7	264.7	529.4
	TOTAL	kg	7341.6	7341.6	14683.2	
C- SLOPE PROTECTION						
SIDE SLOPE	STONE MASONRY T=300mm	m ³	226.1	230.6	456.7	
	BLINDING AGGREGATE T=100mm	m ³	75.0	76.9	151.9	
	GEOTEXTILE	m ²	236.0	296.0	532.0	
	PVC PILE #50mm DIA., L=1000mm	m	52.0	54.0	106.0	
FOOTING	WOODEN PILE LENGTH L=3m	m	6259.0	6461.0	12720.0	
	BLINDING	m ³	8.3	8.6	16.9	
	STONE MASONRY	m ³	37.6	38.8	76.4	
	EXCAVATION	m ³	680.6	1025.4	1706.0	
	BACK FILL	m ³	500.8	789.7	1290.5	
LENGTH OF FOOTING	m	131.7	132.3	263.9		

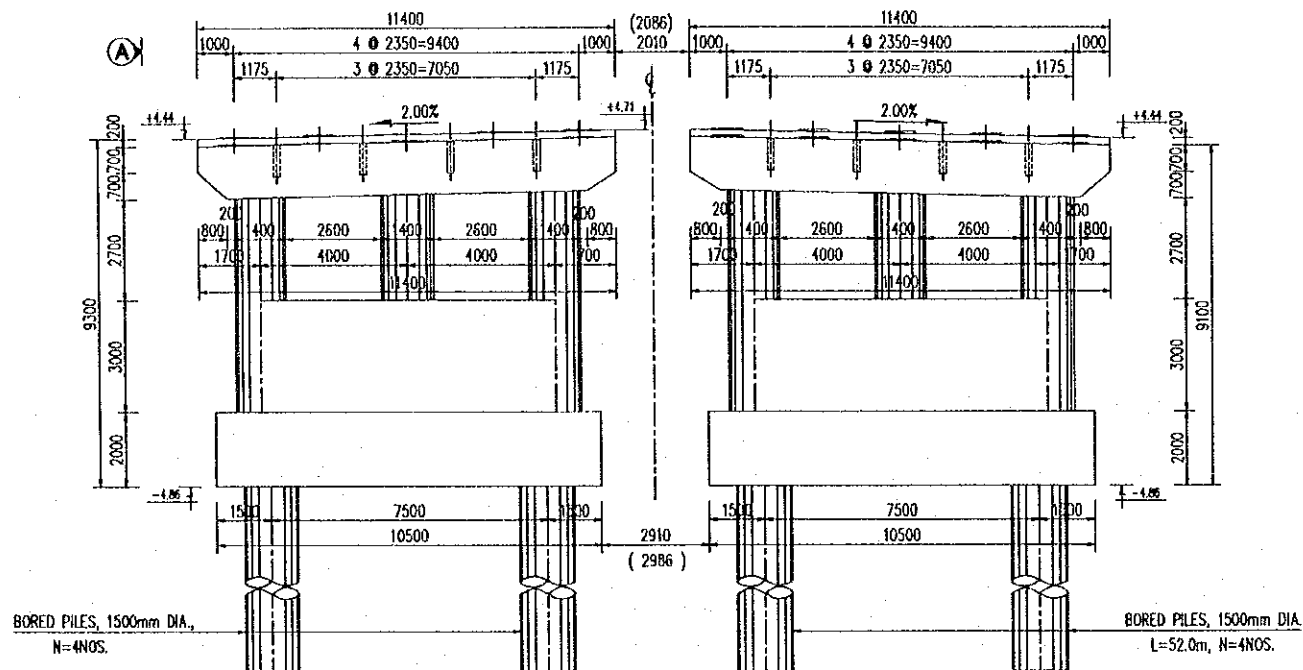
PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM		PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	NIPPON KOEI CO.,LTD.		T. Kametani	K. Matsumoto	K. Enomoto	CAI DA BRIDGE ABUTMENTS QUANTITY TABLE OF ABUTMENTS	P3/BR3/0410
					DATE: 20/9/2000	DATE: 29/9/2000	DATE: 5/10/2000		

IV. PIERS

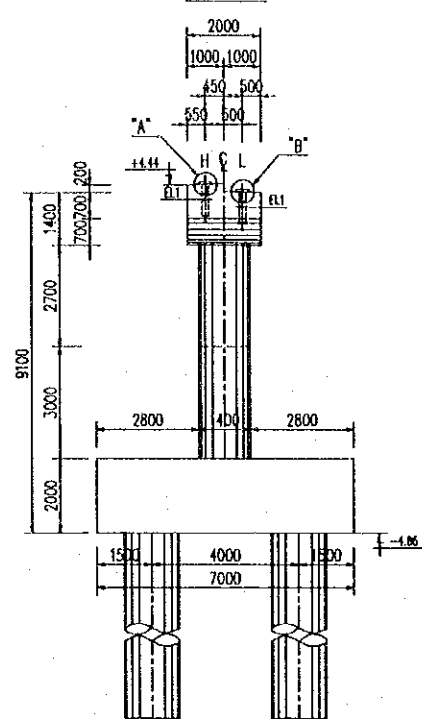
DETAILS OF PIERS P1&P2

(SCALE 1:200)

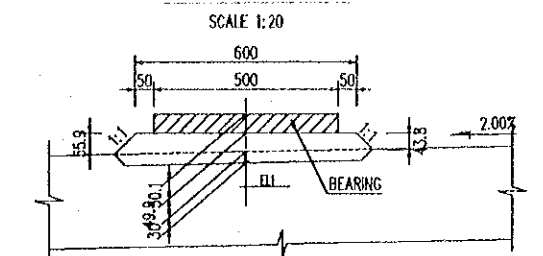
PIER ELEVATION



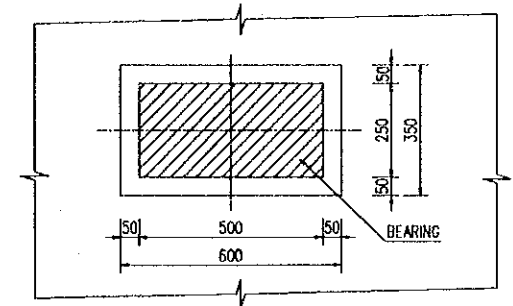
A - A



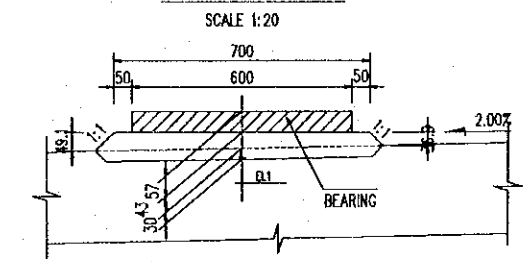
DETAIL "A"



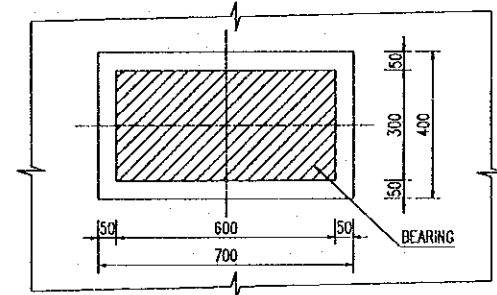
PLAN



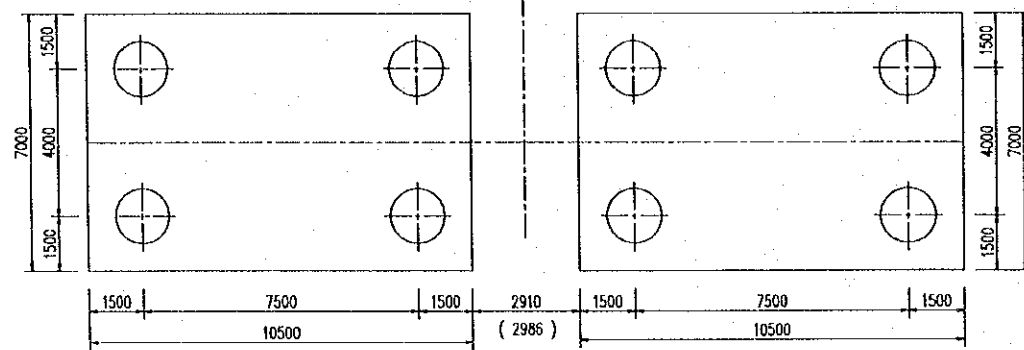
DETAIL "B"



PLAN

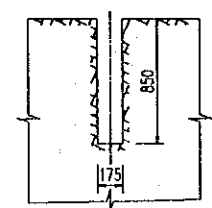


PILE CAP - PLAN

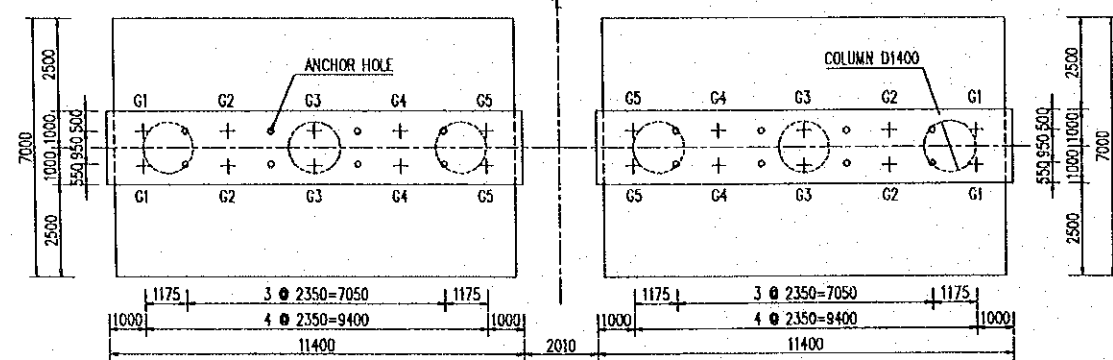


DETAIL OF ANCHOR HOLE

SCALE 1:50



GIRDER BEARING SEAT - PLAN



GIRDER BEARING SEAT ELEVATION OF EL1

PIER TYPE	GROUT PAD	GROUT PAD				
		G1	G2	G3	G4	G5
P1	H	4.457	4.504	4.551	4.598	4.645
	L	4.255	4.302	4.349	4.396	4.443
P2	H	4.255	4.302	4.349	4.396	4.443
	L	4.457	4.504	4.551	4.598	4.645

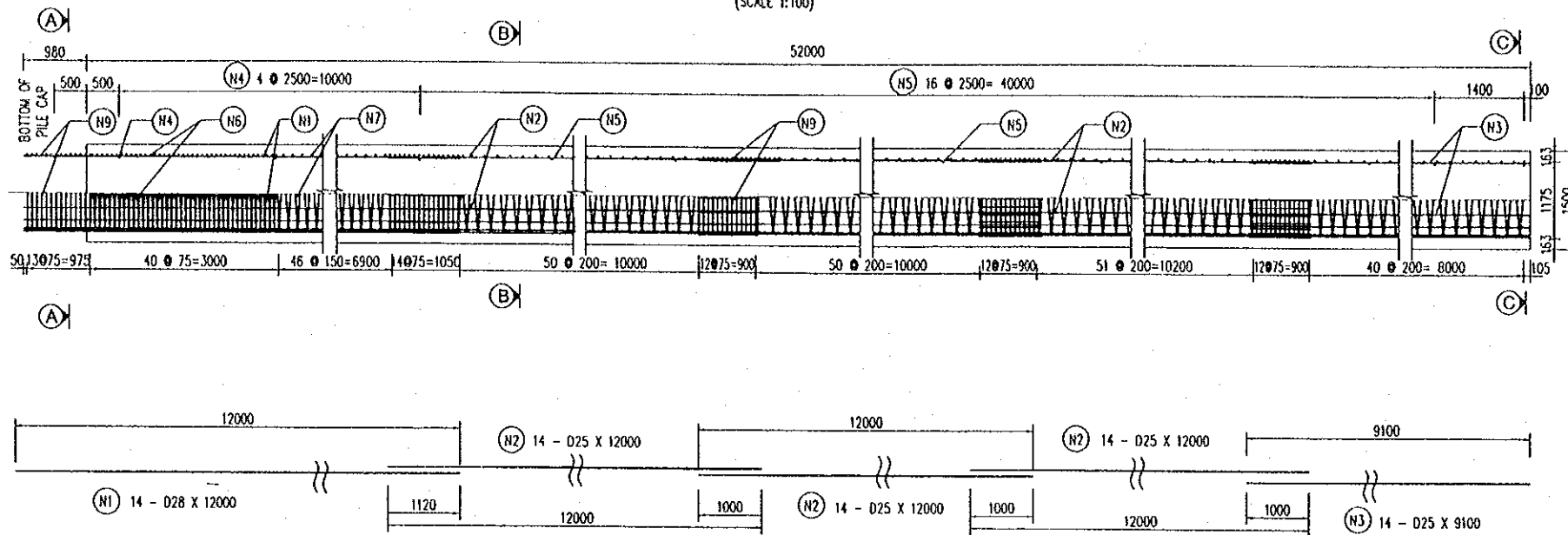
NOTES

- FOR STANDARD STRUCTURAL NOTES SEE DRAWING No. P3/BR3/0030
- PIERS P1W, P2W BELONG TO HO CHI MINH CITY - CA MAU PROVINCE DIRECTION.
PIERS P1E, P2E BELONG TO CA MAU PROVINCE - HO CHI MINH CITY DIRECTION.

PROJECT NAME DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	IMPLEMENTATION AGENCY JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	EXECUTING AGENCY SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	JICA STUDY TEAM NIPON KOEI CO.,LTD.	PREPARED BY NAME: T. Kametani	CHECKED BY NAME: K. Matsumoto	APPROVED BY NAME: K. Enomoto	DRAWING TITLE CAI DA BRIDGE PIERS GENERAL VIEW OF PIERS P1&P2	DWG NO. P3/BR3/0420
				SIGNATURE	SIGNATURE	SIGNATURE		
				DATE: 20/9/2000	DATE: 29/9/2000	DATE: 5/10/2000		

BORED CAST IN-SITU PILE DETAILS FOR PIERS P1&P2

(SCALE 1:100)



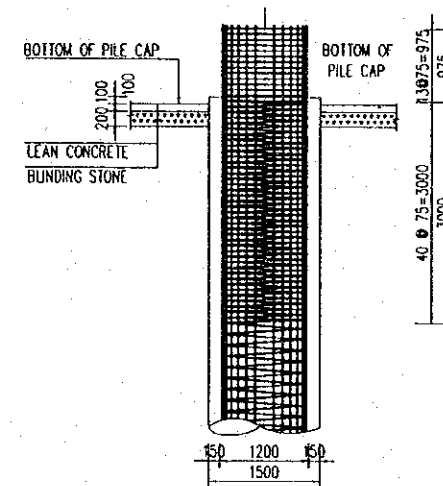
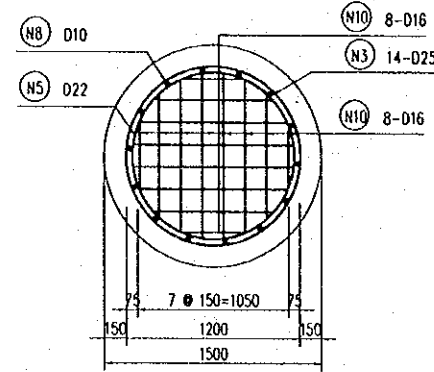
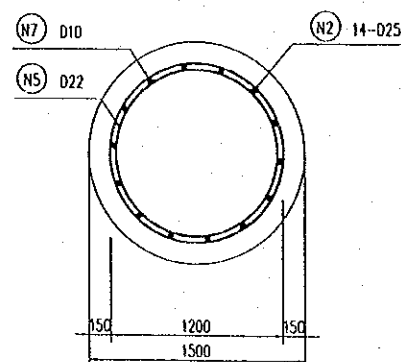
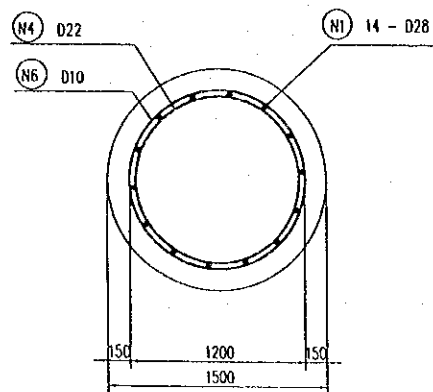
SECTION A-A
(SCALE 1:50)

SECTION B-B
(SCALE 1:50)

SECTION C-C
(SCALE 1:50)

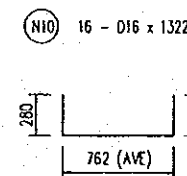
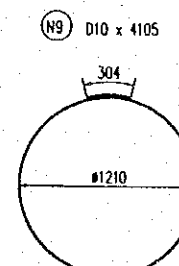
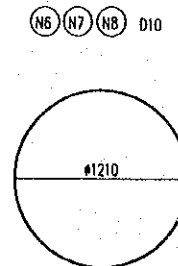
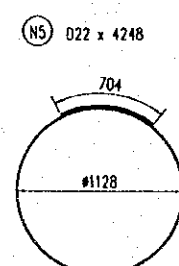
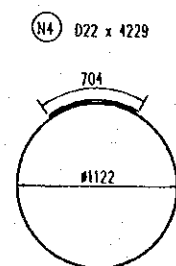
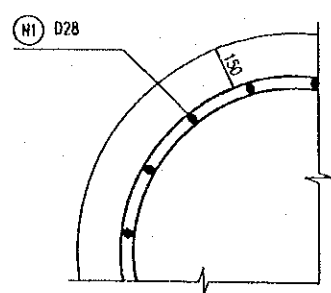
DETAIL OF CONCRETE PILE HEAD
(SCALE 1:100)

MATERIAL OF PILE



TYPE	D(mm)	LENGTH OF BAR (mm)	UNIT WEIGHT (kg/m)	NUMBER	WEIGHT (kg)	CONCRETE VOLUME (m3)
N1	D28	12000	4.834	14	812.1	91.89
N2	D25	12000	3.853	42	1941.9	
N3	D25	9100	3.853	14	490.9	
N4	D22	4229	2.984	6	75.7	
N5	D22	4248	2.984	17	215.5	
N6	D10	152053	0.617	1	93.8	
N7	D10	174861	0.617	1	107.9	
N8	D10	729855	0.617	1	450.3	
N9	D10	4105	0.617	68	172.2	
N10	D16	1322	1.578	16	33.4	
	D10		824.2 kg			
	D16		33.4 kg			
	D22		291.2 kg			
	D25		2432.8 kg			
	D28		812.1 kg			
TOTAL			4393.7 kg			

DETAIL OF RECOVERING
(SCALE 1:25)



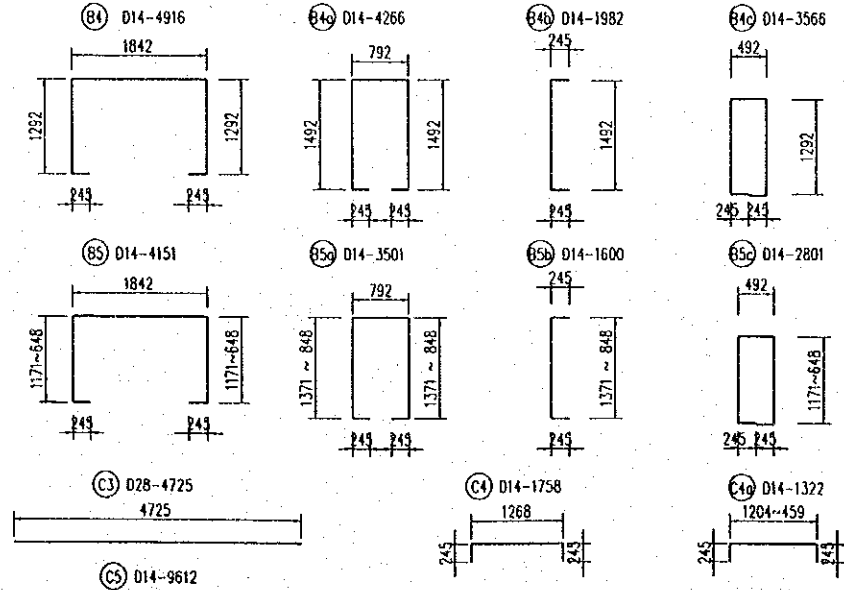
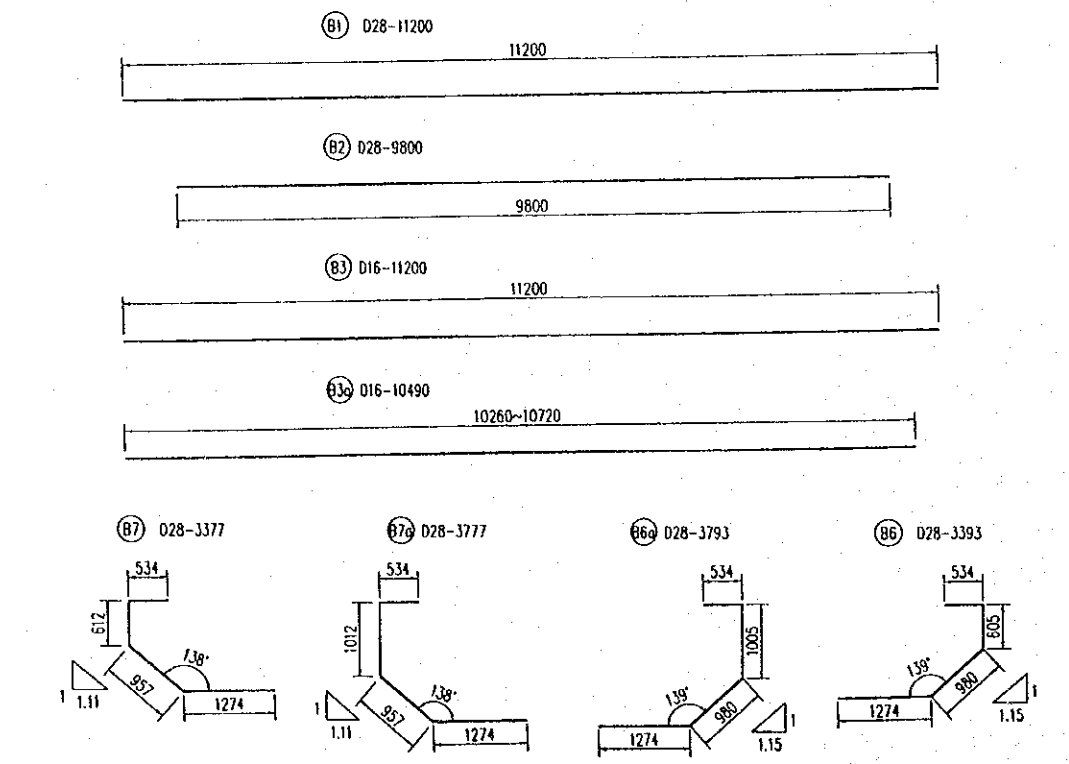
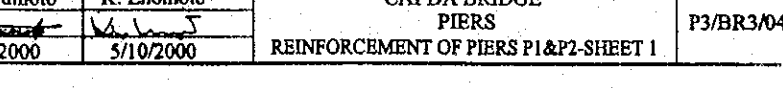
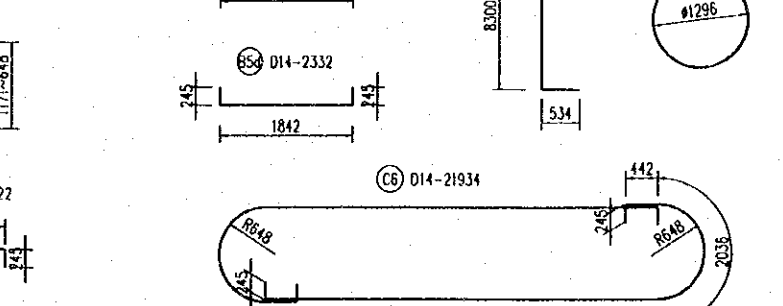
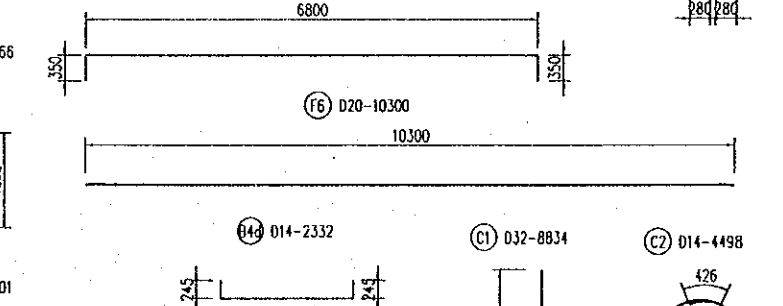
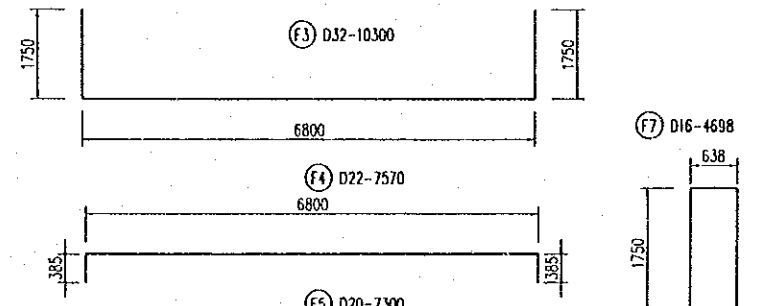
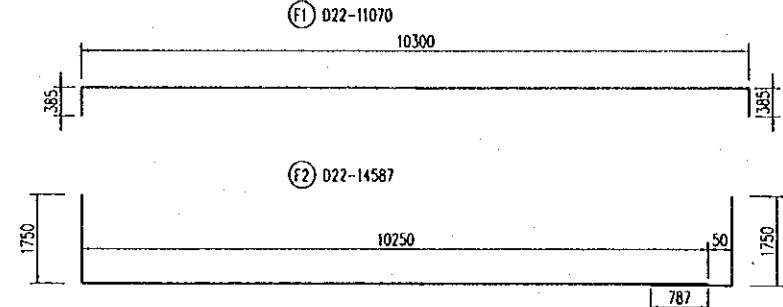
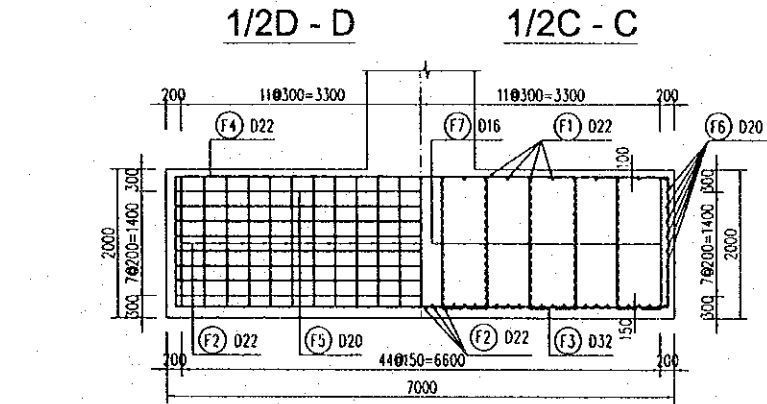
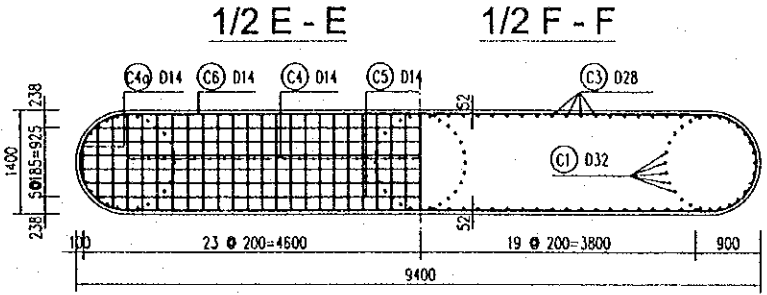
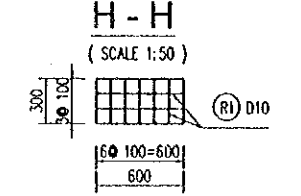
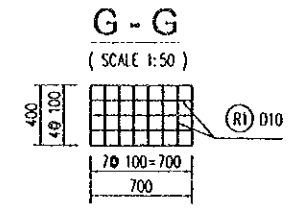
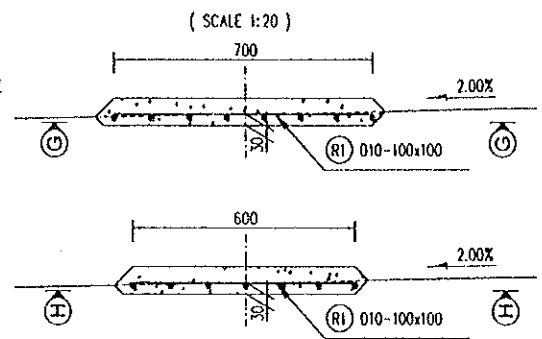
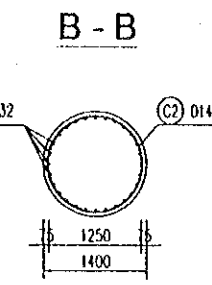
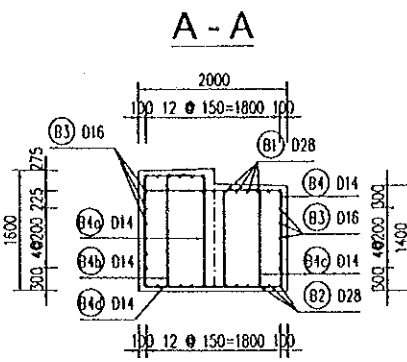
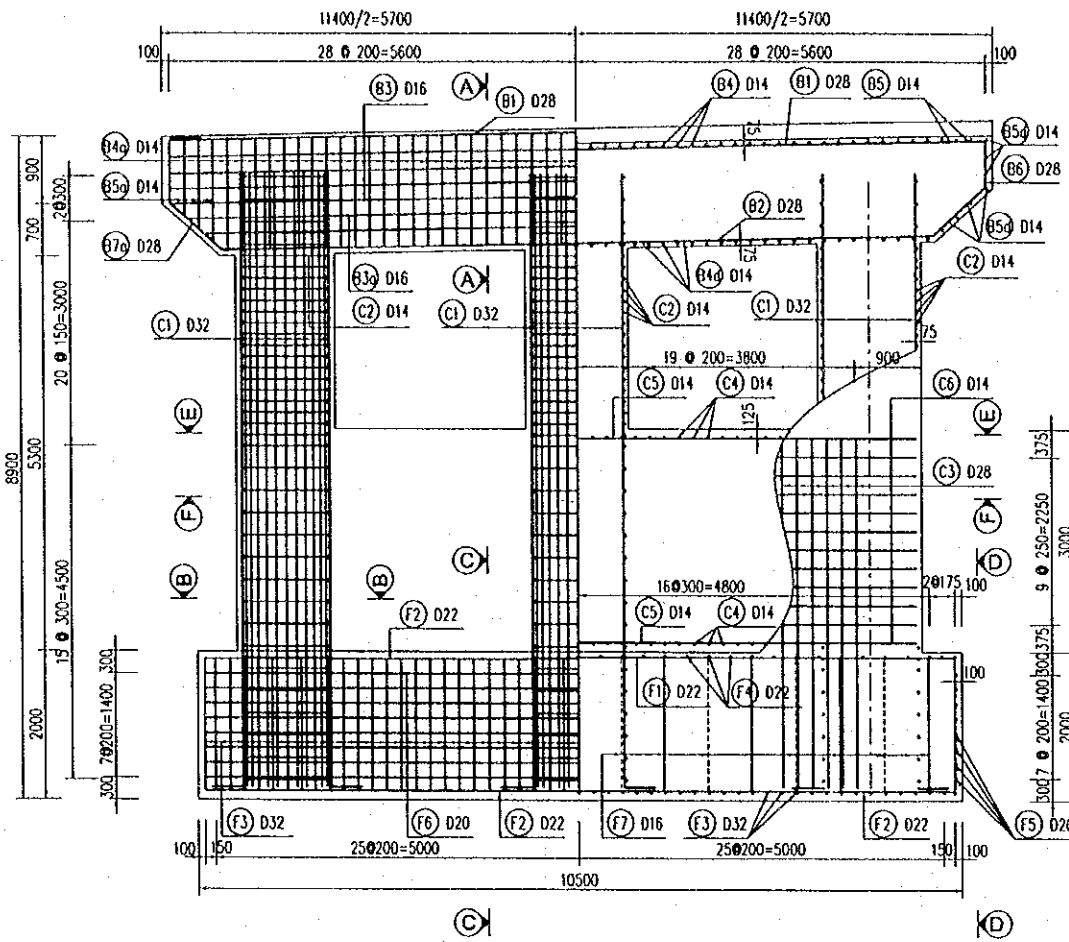
NOTES

- FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO P3/BR3/0030.

PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM	PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	(NK) NIPPON KOEI CO., LTD.	T. Kametani	K. Matsumoto	K. Enomoto	CAI DA BRIDGE PIERS P1&P2-BORED PILE DETAILS - L= 52M	P3/BR3/0430
				SIGNATURE	SIGNATURE	SIGNATURE		
				DATE	DATE	DATE		

BAR ARRANGEMENT OF PIER

REINFORCING SHOES



NOTES

FOR STANDARD STRUCTURAL NOTES SEE DRAWING No. P3/BR3/0030

PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM	PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	(NK) NIPPON KOEI CO.,LTD.	NAME T. Kametani SIGNATURE <i>T. Kametani</i> DATE 20/9/2000	NAME K. Matsumoto SIGNATURE <i>K. Matsumoto</i> DATE 29/9/2000	NAME K. Enomoto SIGNATURE <i>K. Enomoto</i> DATE 5/10/2000	CAI DA BRIDGE PIERS REINFORCEMENT OF PIERS P1&P2-SHEET 1	P3/BR3/0440

LIST OF REINFORCING BARS OF PIER P1 & P2

(FOR ONE DIRECTION)

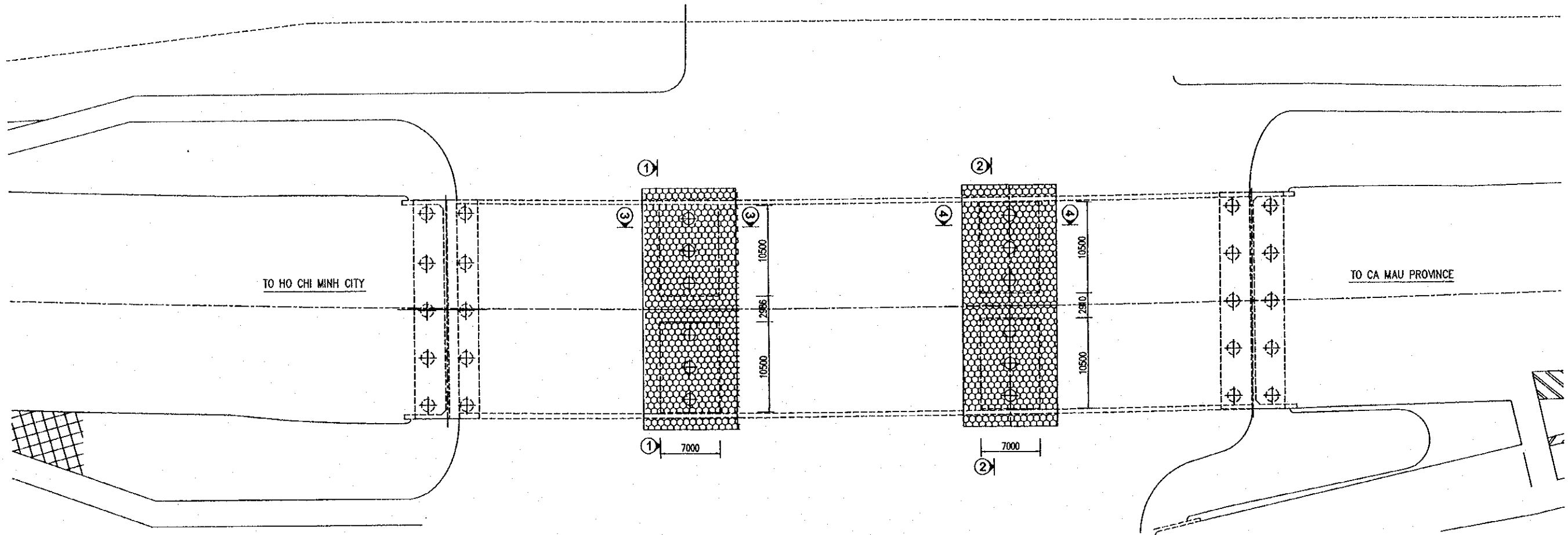
DETAIL	No	DIAMETER (mm)	LENGTH (mm)	QUANTITY	UNITWEIGHT (Kg/m)	TOTAL STEEL (Kg)
PIER CAP	R1	10	5600	10	0.617	34.5
	B1	28	11200	14	4.834	757.9
	B2	28	9800	13	4.834	615.8
	B3	16	11200	9	1.578	159.1
	B3A	16	10490	4	1.578	66.2
	B4	14	4916	49	1.208	291.1
	B4A	14	4266	49	1.208	252.6
	B4B	14	1982	49	1.208	117.4
	B4C	14	3566	49	1.208	211.2
	B4D	14	2332	49	1.208	138.1
	B5	14	4151	8	1.208	40.1
	B5A	14	3501	8	1.208	33.9
	B5B	14	1600	6	1.208	11.6
	B5C	14	2801	6	1.208	20.3
	B5D	14	2332	14	1.208	39.5
	B6	28	3393	7	4.834	114.8
	B6A	28	3793	5	4.834	91.7
	B7	28	3377	7	4.834	114.3
B7A	28	3777	7	4.834	127.8	
COLUMN	C1	32	8834	84	6.313	4684.9
	C2	14	4498	114	1.208	619.6
	C3	14	4725	78	1.208	445.4
	C4	14	1758	78	1.208	165.7
	C4A	14	1322	12	1.208	19.2
	C5	14	9612	12	1.208	139.4
	C6	14	21934	12	1.208	318.1
FOOTING	F1	22	11070	25	2.984	825.8
	F2	22	14587	47	2.984	2045.8
	F3	28	10300	53	4.834	2638.7
	F4	22	7570	37	2.984	835.8
	F5	20	7500	16	2.466	295.9
	F6	20	10300	16	2.466	406.4
	F7	16	4689	94	1.578	695.7
TOTAL		D10		34.5	(Kg)	
		D14		2863.2	(Kg)	
		D16		921.0	(Kg)	
		D20		702.3	(Kg)	
		D22		3707.4	(Kg)	
		D28		4461.0	(Kg)	
		D32		4684.9	(Kg)	
		TOTAL		17374.3	(Kg)	

NOTES

FOR STANDARD STRUCTURAL NOTES SEE DRAWING No. P3/BR3/0030

PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM	PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	NIPPON KOEI CO.,LTD.	NAME	T. Kametani	K. Matsumoto	CAI DA BRIDGE PIERS REINFORCEMENT OF PIERS P1&P2-SHEET 2	P3/BR3/0450
				SIGNATURE	<i>T. Kametani</i>	<i>K. Matsumoto</i>		
				DATE	20/9/2000	29/9/2000		

PLAN
SCALE 1:500



HALF SECTION 1-1

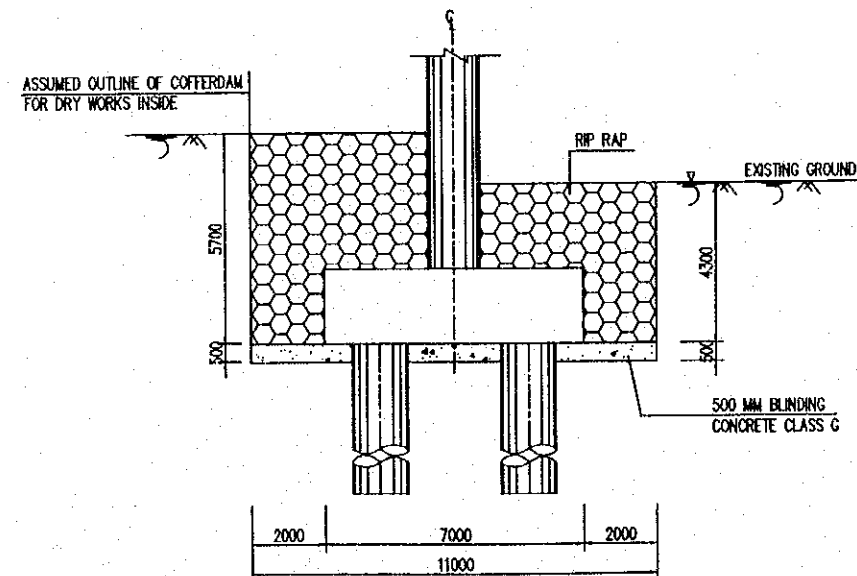
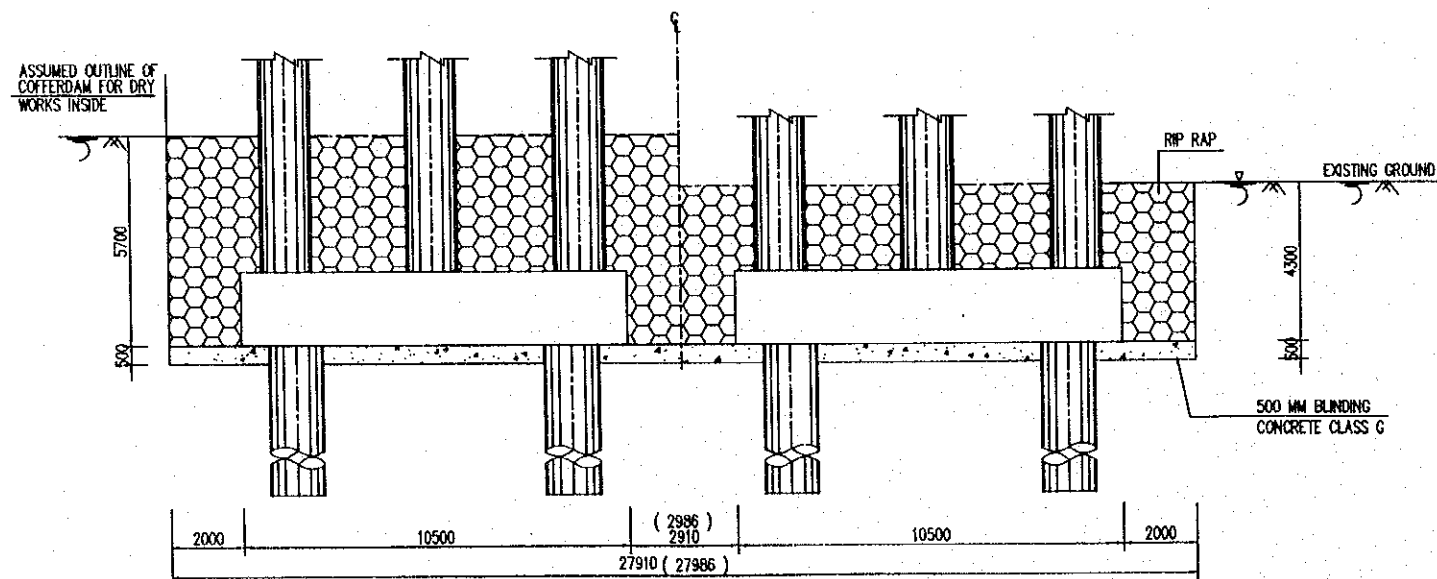
(SCALE 1:200)

HALF SECTION 2-2

HALF SECTION 3-3

(SCALE 1:200)

HALF SECTION 4-4



NOTES

1. FOR STANDARD STRUCTURAL NOTES SEE DRAWING No. P3/BR3/0030.
2. BLINDING CONCRETE CLASS G : 140.0 M³
3. RIP RAP : 2408.0 M³

PROJECT NAME DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	IMPLEMENTATION AGENCY JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	EXECUTING AGENCY SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	JICA STUDY TEAM NIPPON KOEI CO.,LTD.	PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE CAI DA BRIDGE PIERS PIERS PROTECTION	DWG NO. P3/BR3/0460	
				NAME	T. Kametani	K. Matsumoto			K. Enomoto
				SIGNATURE					
				DATE	20/9/2000	29/9/2000			5/10/2000

QUANTITY TABLE OF PIERS

Items		Unit	Pier 1	Pier 2	Total	
Pile	Number of piles	Pile	8	8	16	
	Total length bored piles D=1500mm Dia.	m	416.0	416.0	832.0	
	Concrete piles class D	m ³	735.1	735.1	1470.3	
	Excavation	m ³	813.3	813.3	1626.6	
	Reinforcement	D10	kg	6593.6	6593.6	13187.2
		D16	kg	267.2	267.2	534.4
		D22	kg	2329.6	2329.6	4659.2
		D25	kg	19462.4	19462.4	38924.8
		D28	kg	6496.8	6496.8	12993.6
		Total	kg	28652.8	28652.8	57305.6
Pier	Concrete class E	m ³	460.9	460.9	921.7	
	Reinforcement	D10	kg	69.1	69.1	138.1
		D14	kg	5725.9	5725.9	11451.8
		D16	kg	1842.0	1842.0	3684.0
		D20	kg	1404.7	1404.7	2809.4
		D22	kg	7414.9	7414.9	14829.8
		D28	kg	8921.9	8921.9	17843.8
		D32	kg	9369.7	9369.7	18739.4
		Total	kg	34748.2	34748.2	69496.4
	Earth work	Excavation for foundation	m ³	1824.3	1405.8	3230.1
		Blinding Concrete class G	m ³	70.0	70.0	139.9
		Rip rap	m ³	1395	1013	2408
	Cofferdams	Sheet pile Lorse IV	m	13815.5	13815.5	27630.9
		Steel pile I 400	m	720.0	720.0	1440.0
		Brace C 300	m	724.0	724.0	1448.0

NOTES:

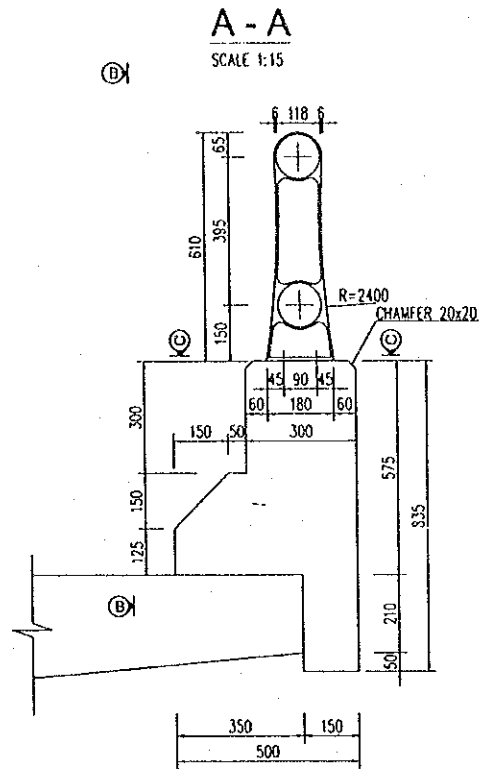
- 1- FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO P3/BRJ/0030.
- 2- QUANTITY OF PILE CONCRETE IN THE TABLE DOES NOT INCLUDE THE VOLUME OF TRIMMING OUT OF THE PILE HEAD.

PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM		PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	NIPPON KOBI CO.,LTD.	NAME	T. Kametani	K. Matsumoto	K. Enomoto	CAI DA BRIDGE PIERS QUANTITY TABLE OF PIER	P3/BR3/0470
				SIGNATURE					
				DATE	20/9/2000	29/9/2000	5/10/2000		

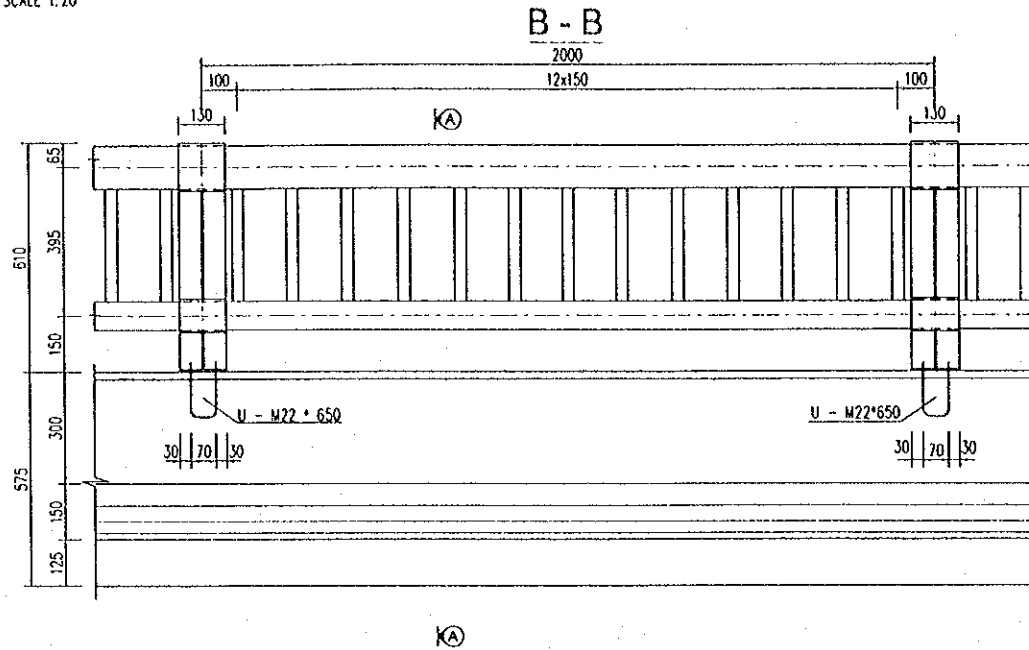
V. MISCELLANEOUS

DETAIL OF PARAPET AND RAILING

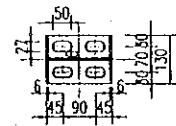
SCALE 1:20



SCALE 1:15



C - C

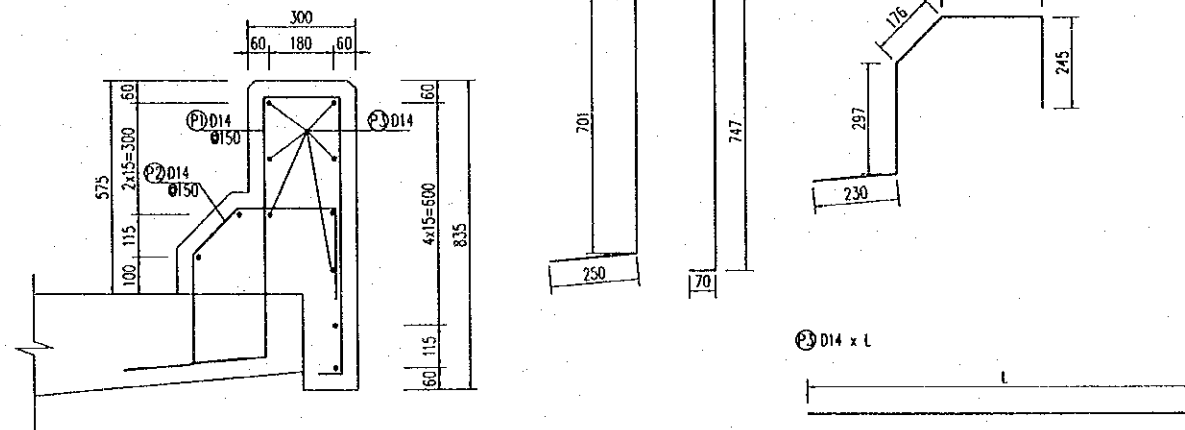


NOTES:

1. FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO. P3/BR3/0030.
2. UNLESS OTHERWISE NOTED, ALL STRUCTURAL STEEL SHALL BE HOT DIPPED GALVANISED FOLLOWED BY SPECIFICATION PAINT PROTECTION SYSTEM.

REINFORCEMENT OF PARAPET

SCALE 1:20



QUANTITY OF RAILING (PER 10M LONG)

ITEM	SIZE	MATERIAL	UNIT WEIGHT	QUANTITY	UNIT	WEIGHT(KG)	REMARK
POST	610*180*130	FCD-450	18.1	5	EACH	90.5	GALVANIZING
UPPER RAIL	114.3*3.5T	STK-400	19.5	10	M	195.0	
BOTTOM RAIL	76.3*2.5T	STK-400	5.77	10	M	57.7	
CONNECTION	490*300	STK-400	2.13	1.67	EACH	3.6	
	67.5*300	STK-400	1.4	1.67	EACH	2.3	
ANCHO BOLT	M22. 650	SS-400	2.9	20	EACH	58.0	
VERTICAL MEMBER	FB6*32*300	SS-400	2.09	65	EACH	135.9	

LIST OF REINFORCEMENT OF PARAPET (PER 10M LONG)

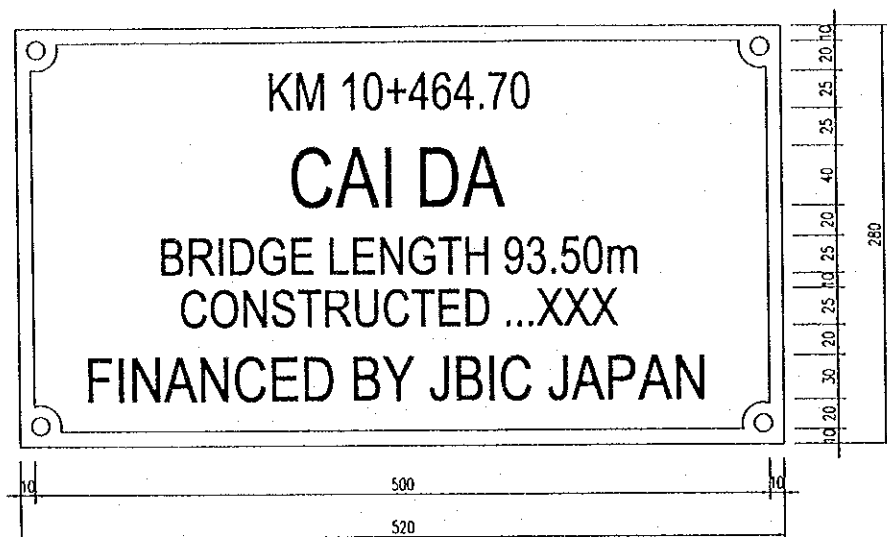
NAME	DIAMETER (mm)	LENGTH (mm)	NUMBER	U. WEIGHT (kg/m)	WEIGHT (kg)
P1	14	1980	68	1,208	162.7
P2	14	1223	68	1,208	100.5
P3	14	10000	11	1,208	132.9
D14 CONCRETE				396.1	kg
				2.55	m ³

PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM	PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	(NK) NIPPON KOEI CO.,LTD.	T. Kametani	K. Matsumoto	K. Enomoto	CAI DA BRIDGE MISCELLANEOUS DETAILS OF PARAPET AND RAILINGS	P3/BR3/0480
				SIGNATURE	SIGNATURE	SIGNATURE		
				DATE	DATE	DATE		

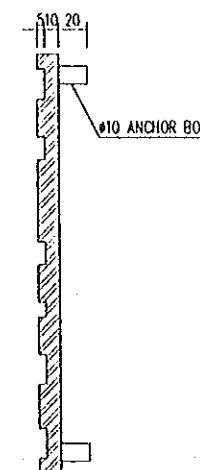
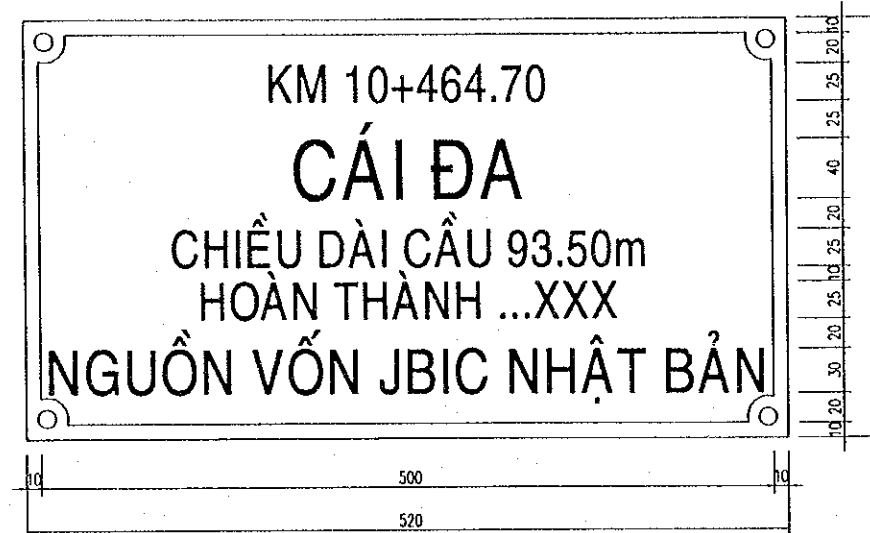
DETAIL OF BRIDGE NAME PLAQUE

SCALE 1:5

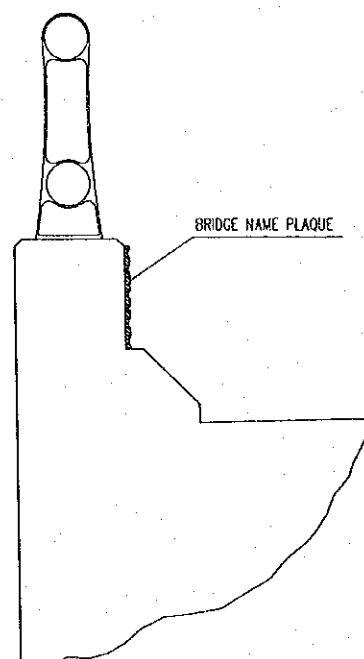
DETAIL 1



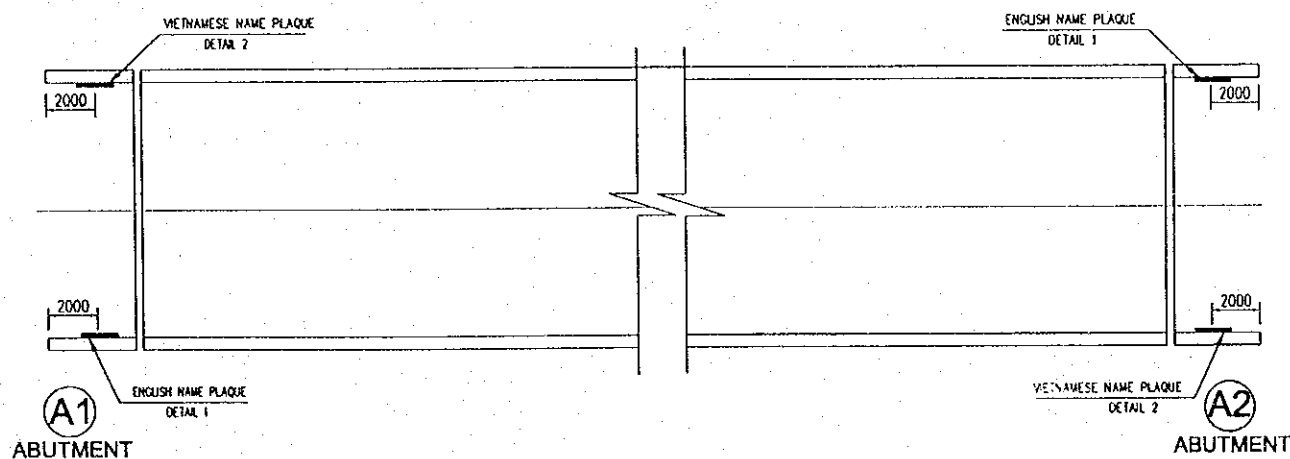
DETAIL 2



LOCATION OF NAME PLAQUE



PLAN



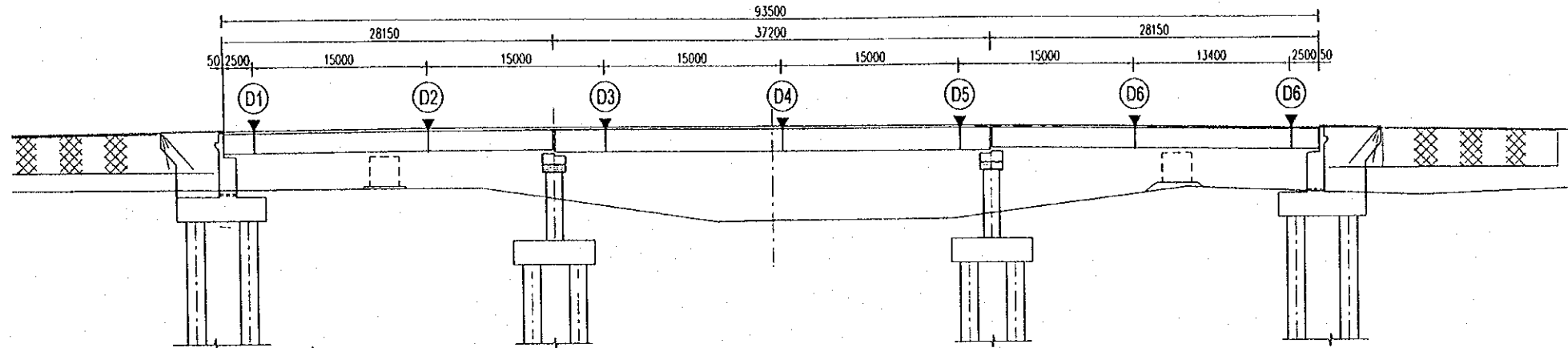
NOTES

- FOR STANDARD STRUCTURAL NOTES SEE DRAWING No.P3/BR3/0030.
- MATERIAL SHALL BE BRONZE.
- THE DATE TO BE ENTERED AGAINST CONSTRUCTED SHALL BE AS INSTRUCTED BY THE ENGINEER.
- ONE PLATE SHALL BE WRITTEN IN ENGLISH AND ONE IN VIETNAMESE.
THE EXACT FIXING LOCATIONS TO BE INSTRUCTED BY THE ENGINEER.

PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM	PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	(NK) NIPPON KOEI CO.,LTD.	NAME: T. Kametani SIGNATURE: [Signature] DATE: 20/9/2000	NAME: K. Matsumoto SIGNATURE: [Signature] DATE: 29/9/2000	NAME: K. Enomoto SIGNATURE: [Signature] DATE: 5/10/2000	CAI DA BRIDGE MISCELLANEOUS BRIDGE NAME PLAQUE	P3/BR3/0490

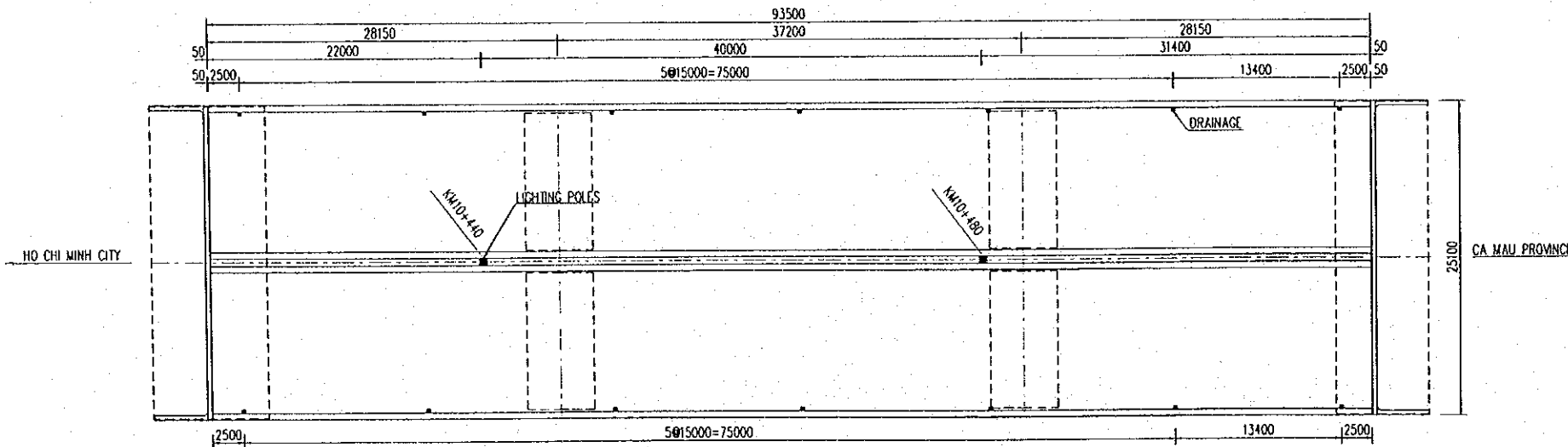
DRAINAGE AND LIGHTING POLES LAYOUT

ELEVATION (SCALE 1:500)



DRAINAGE AND LIGHTING POLES LAYOUT

PLAN (SCALE 1:500)



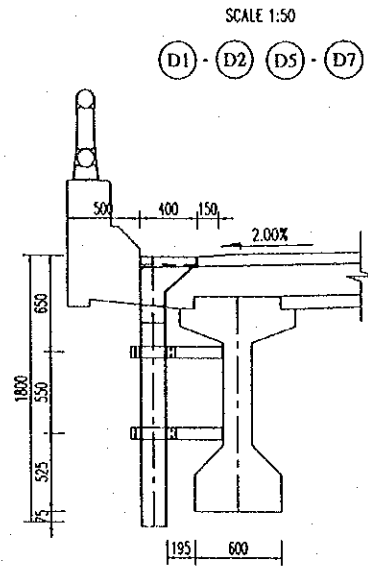
NOTES:

FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO P3/BR3/0030

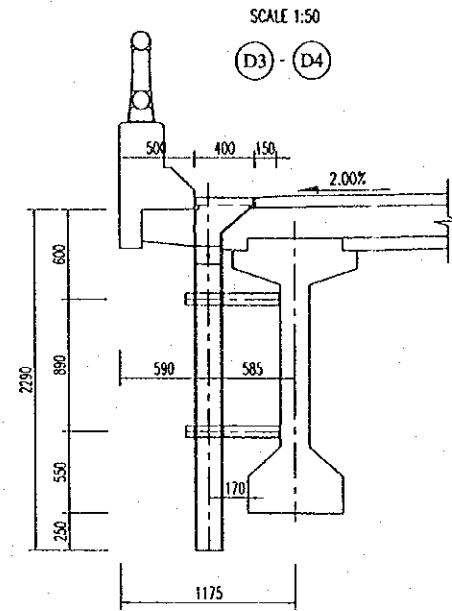
PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM	PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	NIPPON KOEI CO., LTD.	NAME: T. Kametani SIGNATURE: <i>T. Kametani</i> DATE: 20/9/2000	NAME: K. Matsumoto SIGNATURE: <i>K. Matsumoto</i> DATE: 29/9/2000	NAME: K. Enomoto SIGNATURE: <i>K. Enomoto</i> DATE: 5/10/2000	CAI DA BRIDGE MISCELLANEOUS DRAINAGE AND LIGHTING POLES LAYOUT	P3/BR3/0500

DETAILS OF DRAINAGE ON BRIDGE

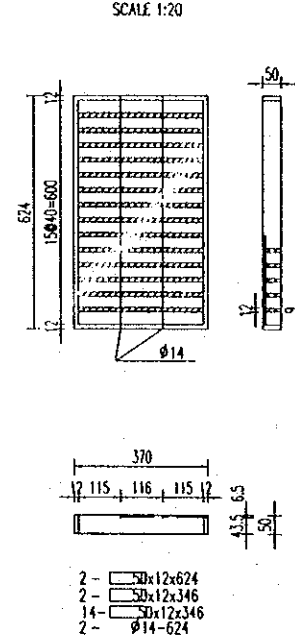
DRAINAGE TYPE A



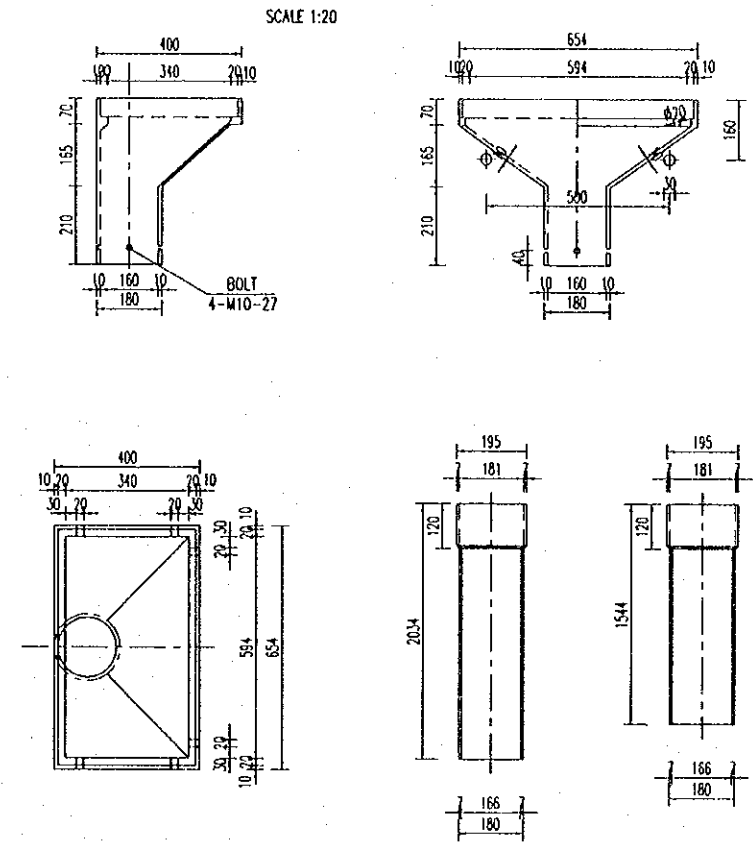
DRAINAGE TYPE B



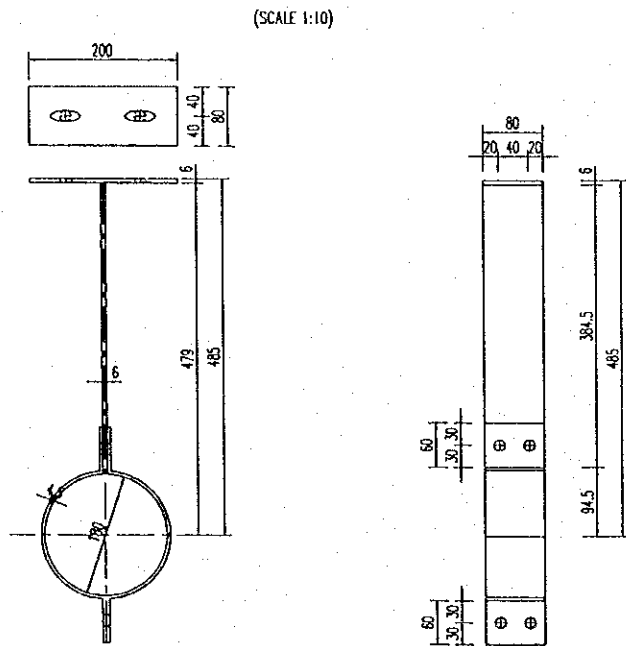
SCREEN



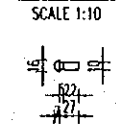
DRAIN BOX



HANGER



BOLT



NOTES

FOR STANDARD STRUCTURAL NOTES SEE DRAWING P3/BR3/0030.

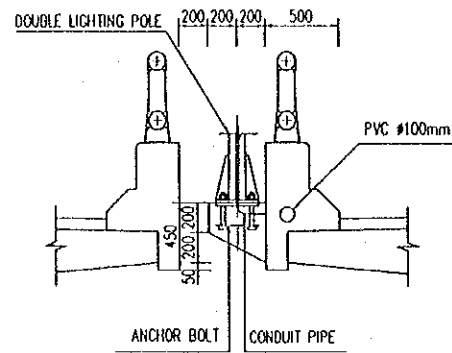
PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM	PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	(NK) NIPPON KOBELCO, LTD.	NAME: T. Kametani SIGNATURE: [Signature] DATE: 20/9/2000	NAME: K. Matsumoto SIGNATURE: [Signature] DATE: 29/9/2000	NAME: K. Enomoto SIGNATURE: [Signature] DATE: 5/10/2000	CAI DA BRIDGE MISCELLANEOUS DETAILS OF DRAINAGE ON BRIDGE	P3/BR3/0510

D:\DUY LIEM\CAN THO B-2000\ca1da\P3-BH3-0510.dwg Sat Sep 09 10:47:52 2000 BY NGUYEN THANH BINH

DETAILS OF LIGHTING POLES' BASE

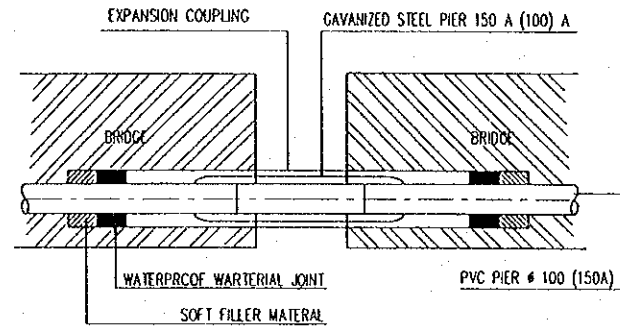
CROSS SECTION

(SCALE : 1:50)



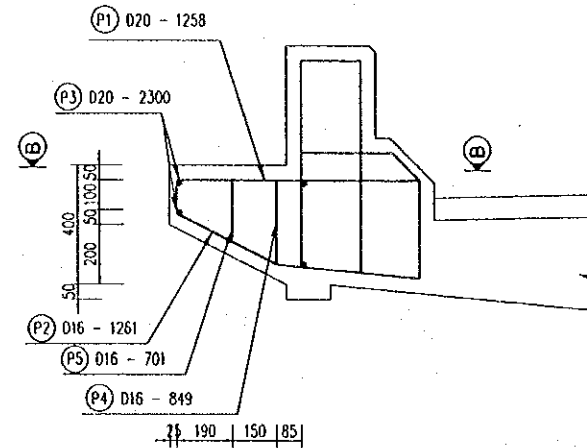
CONDUIT EXPANSION JOINT FOR BRIDGE

(SCALE 1:25)



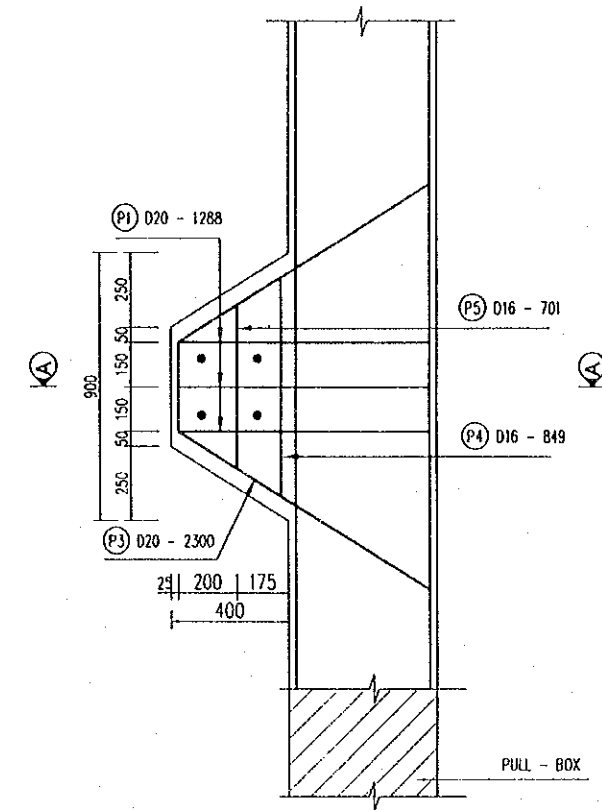
SECTION A-A

(SCALE 1:25)



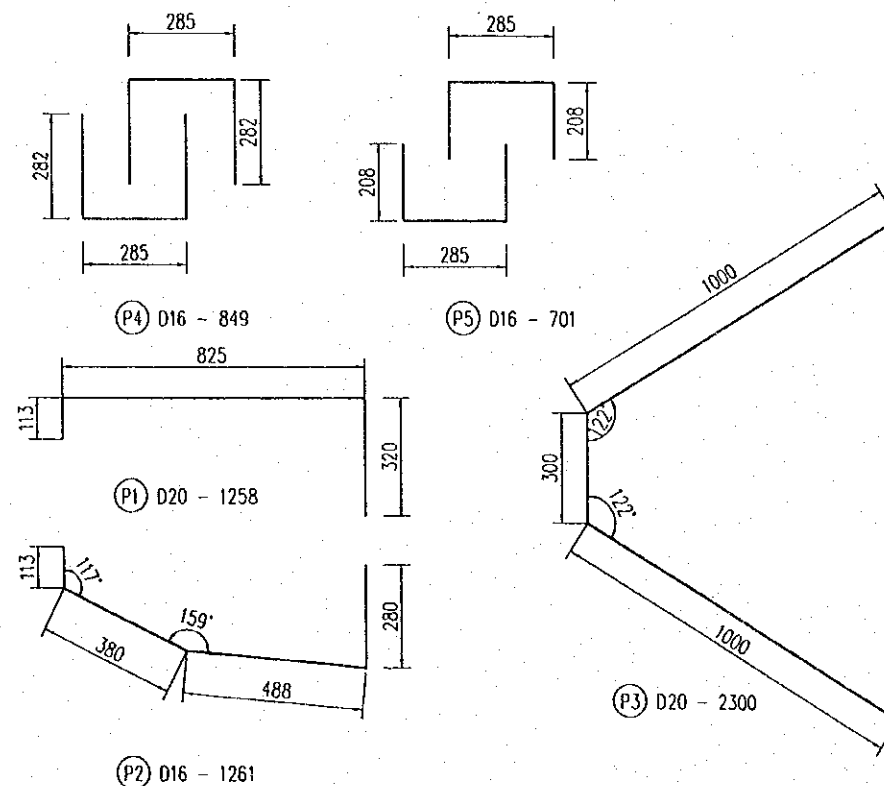
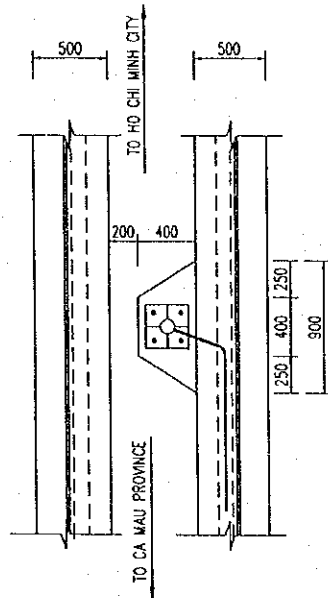
SECTION B-B

(SCALE 1:25)



PLAN

(SCALE : 1:50)



LIST OF REINFORCEMENT

REIN NO	DIAMETER (mm)	LENGTH (mm)	U.WEIGHT (kg/m)	NUMBER	WEIGHT (Kg)
P1	D 20	1258	2.466	3	9.31
P2	D 16	1261	1.578	3	5.97
P3	D 20	2300	2.466	2	11.34
P4	D 16	849	1.578	2	2.68
P5	D 16	701	1.578	2	2.21
TOTAL :					31.51 kg
D16 :					10.86 kg
D20 :					20.65 kg
CONCRETE :					0.088 m ³

NOTES

- FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO. P3/BR3/0030.
- ANCHOR BOLTS AND CONDUIT PIPES SHALL BE PLACED PRIOR TO CASTING CONCRETE.
- DETAILS OF PULL-BOX SHALL BE SHOWN IN THE SHOP DRAWING TO BE SUBMITTED FOR THE ENGINEER'S APPROVAL.



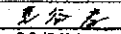

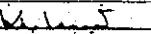
PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM	PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	(NK) NIPPON KOEI CO.,LTD.	NAME: T. Kametani SIGNATURE: [Signature] DATE: 20/9/2000	NAME: K. Matsumoto SIGNATURE: [Signature] DATE: 29/9/2000	NAME: K. Enomoto SIGNATURE: [Signature] DATE: 5/10/2000	CAI DA BRIDGE MISCELLANEOUS DETAILS OF LIGHTING POLES' BASES	P3/BR3/0520

QUANTITY TABLE OF MISCELLANEOUS

ITEM		WORK ITEM	UNIT	QUANTITY	REMARKS
CONCRETE	CLASS E	PARAPET	M3	95.36	
		LIGHTING POLE BASE	M3	0.18	
RE-BAR		PARAPET	TON	14.815	
		LIGHTING POLE BASE	TON	0.063	
		TOTAL	TON	14.88	
STEEL RAILING			M	394.00	
LIGHTING	POLE		SET	2	
	PIPE Ø 100		M	374.00	
DRAINAGE	POT		SET	14	
	PIPE Ø 180		M	24.56	

NOTES

FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO P3/BR3/0030.

PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM	PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	 JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	 NIPPON KOEI CO.,LTD.	NAME T. Kametani SIGNATURE  DATE 20/9/2000	K. Matsumoto  29/9/2000	K. Enomoto  5/10/2000	CAI DA BRIDGE MISCELLANEOUS QUANTITY TABLE OF MISCELLANEOUS WORKS	P3/BR5/0530

JICA