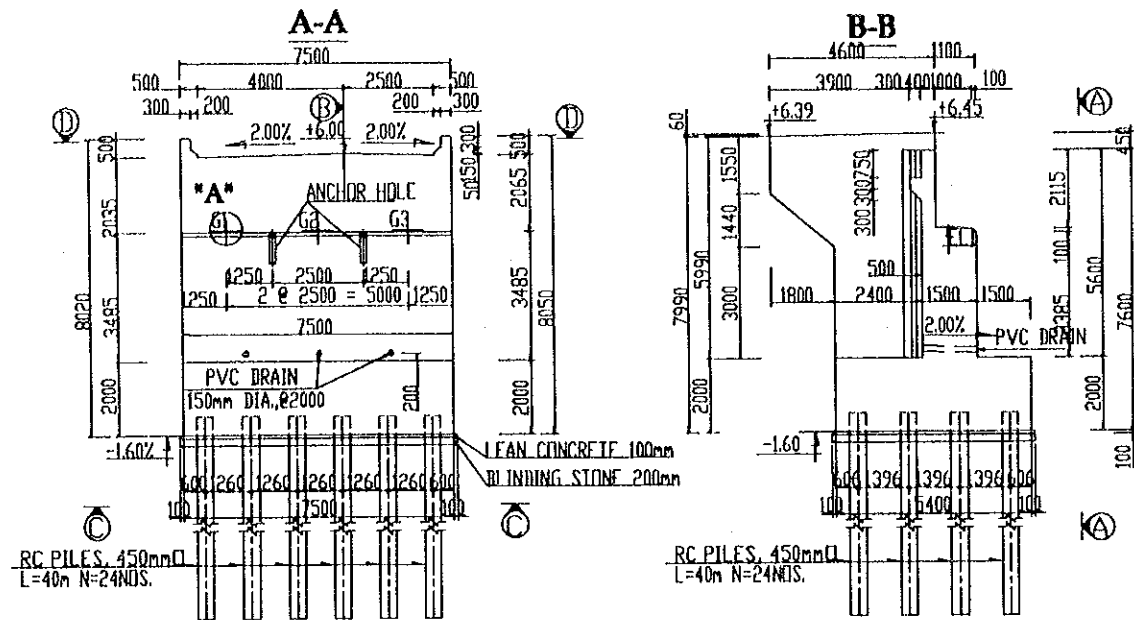


III. ABUTMENTS

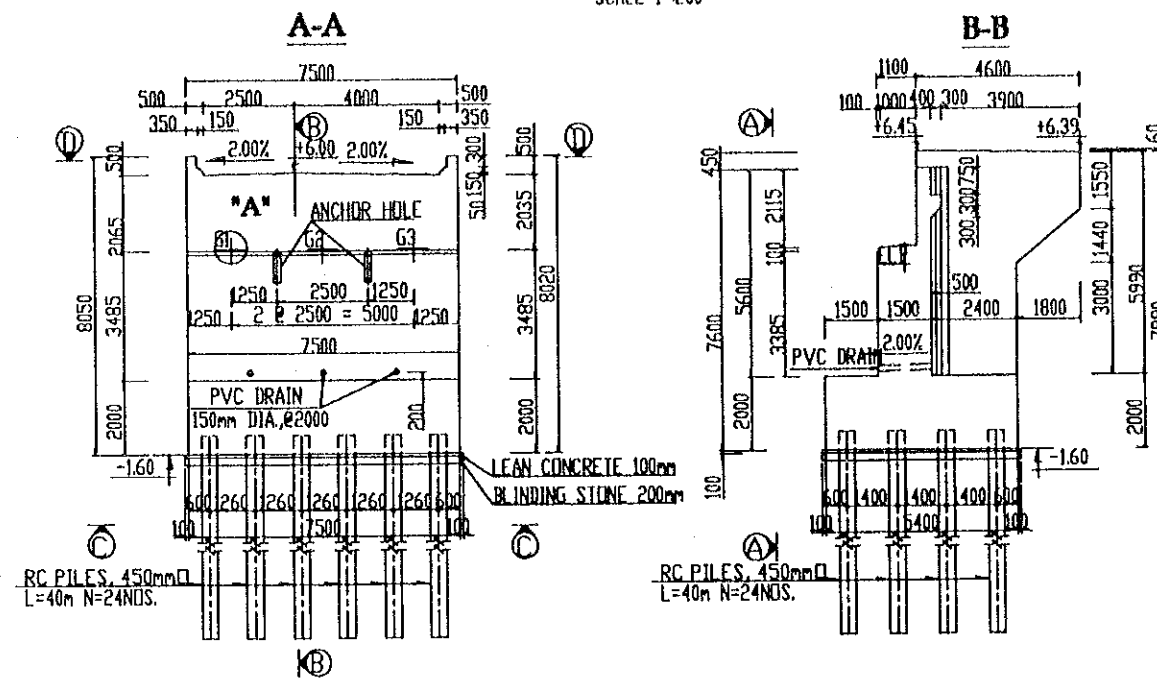
DETAIL OF ABUTMENT A1

SCALE 1:200

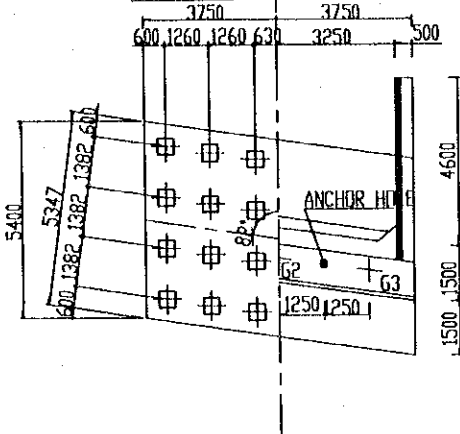


DETAIL OF ABUTMENT A2

SCALE 1:200

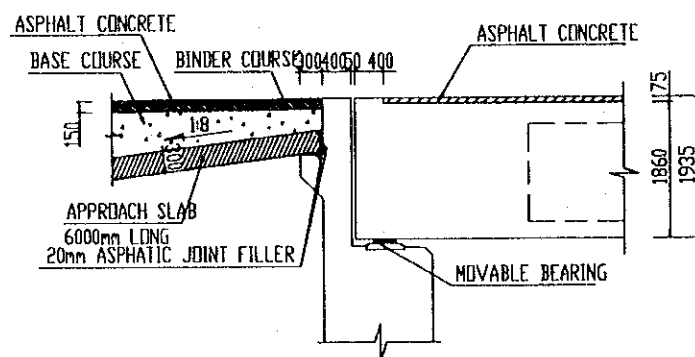


1/2C-C & 1/2D-D

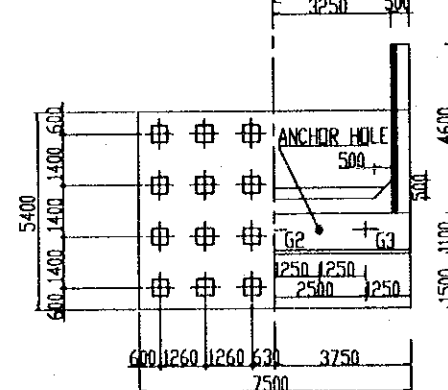


DETAIL OF BACK WALL

(SCALE 1:100)

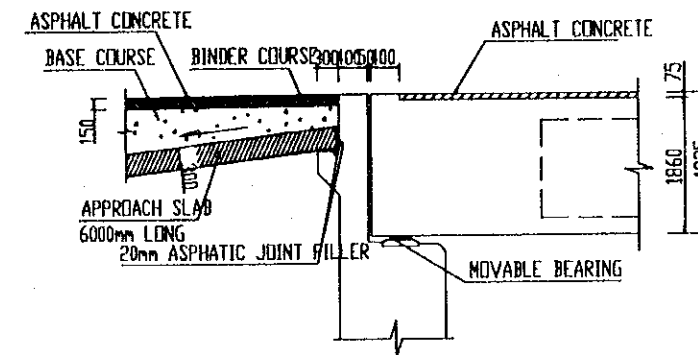


1/2C-C & 1/2D-D



DETAIL OF BACK WALL

(SCALE 1:100)

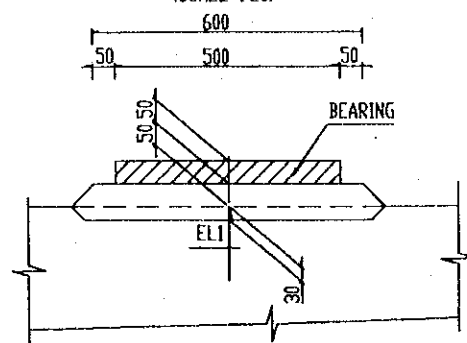


GIRDER BEARING SEAT ELEVATION OF EL1

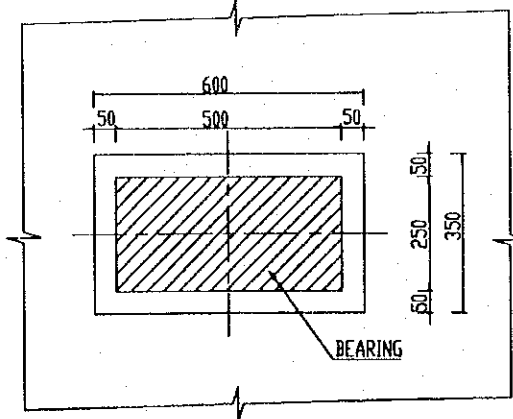
GROUT PAD	G1	G2	G3
ABUTMENT TYPE	A1	A1	A1
	+3.89	+3.89	+3.89

DETAIL "A"

(SCALE 1:20)

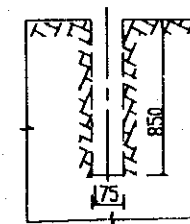


PLAN



DETAIL OF ANCHOR HOLE

(SCALE 1:50)



GIRDER BEARING SEAT ELEVATION OF EL1

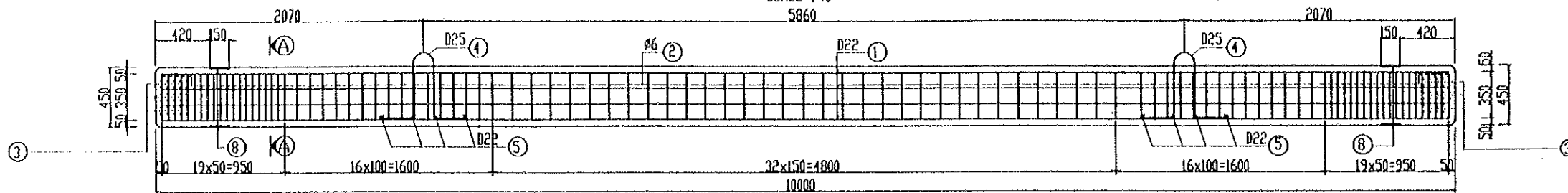
GROUT PAD	G1	G2	G3
ABUTMENT TYPE	A1	A1	A1
	+3.89	+3.89	+3.89

NOTE
FOR STANDARD STRUCTURAL NOTES SEE DRAWING NDP3/BR9/0030

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	NIPON KOEI CO.,LTD.	T. Kameitani	K. Matsumoto	K. Enomoto	RAMPWAY D BRIDGE-INTERCHANGE 3 ABUTMENTS GENERAL VIEW OF ABUTMENTS A1&A2	PS/BR9/0270

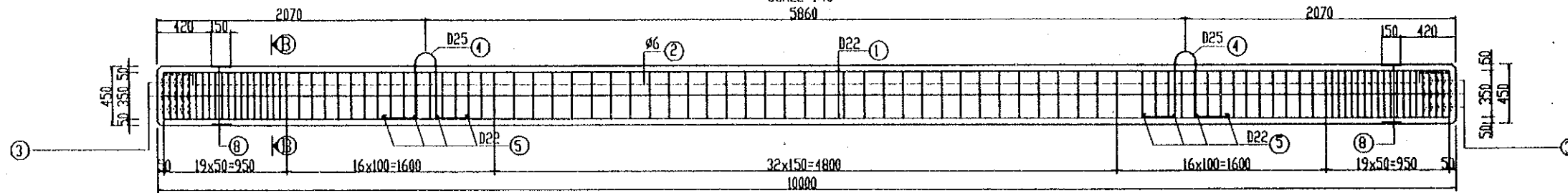
R.C.PILE-1 L=10M

SCALE 1:40



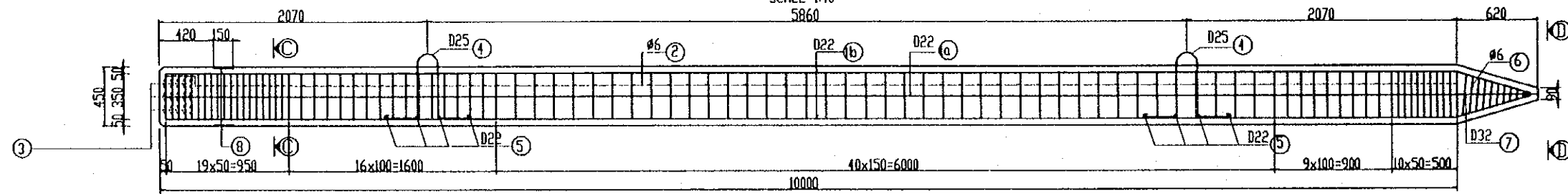
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SCALE 1:40



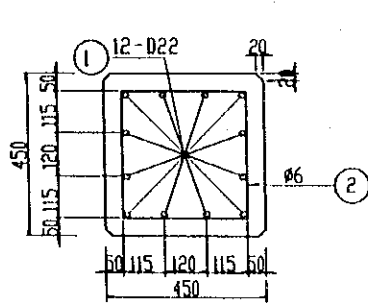
R.C.PILE-3 L=10M

SCALE 1:40



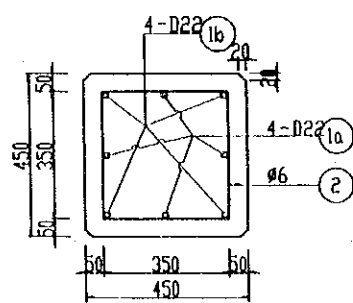
A-A

SCALE 1:20



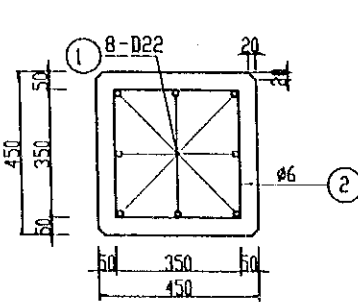
C-C

SCALE 1:20



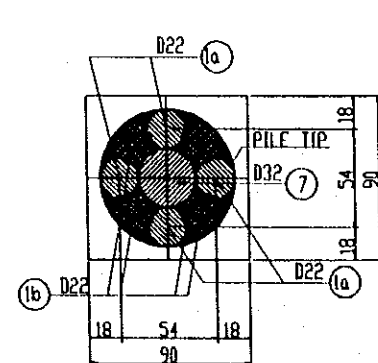
B-B

SCALE 1:20



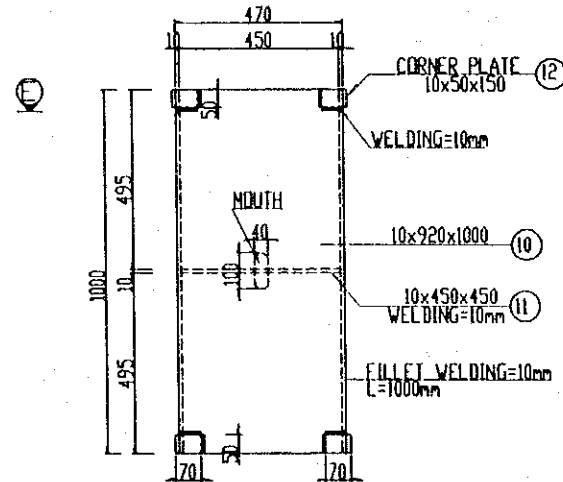
D-D

SCALE 1:4



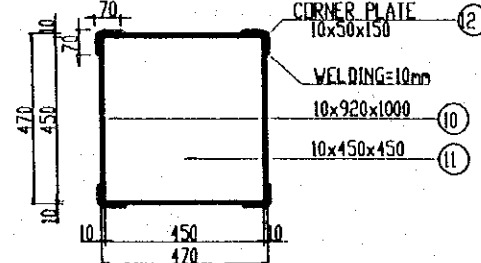
CONPLING BOX

SCALE 1:20



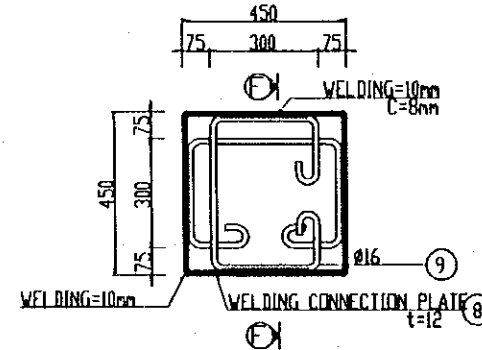
E-E

SCALE 1:20



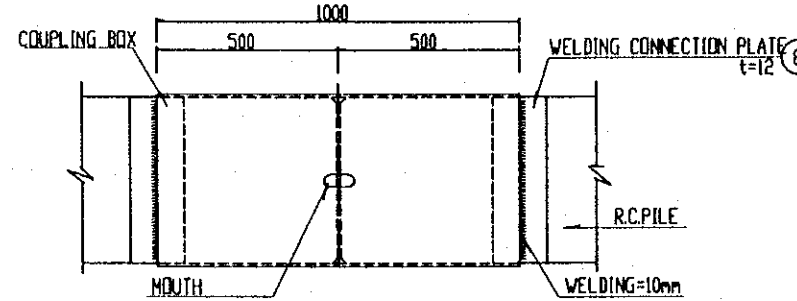
WELDING CONNECTION PLATE

SCALE 1:20

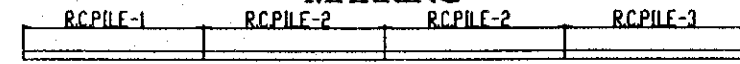


ELEVATION

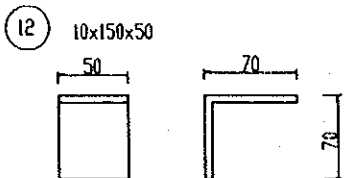
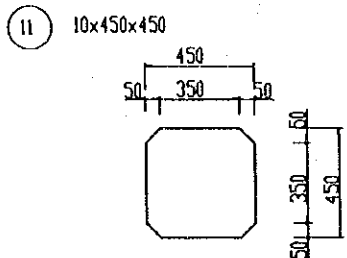
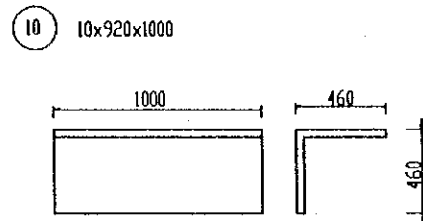
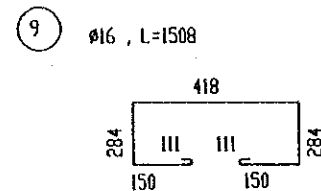
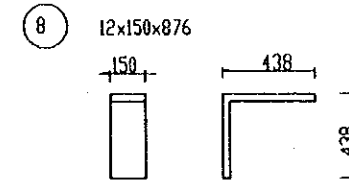
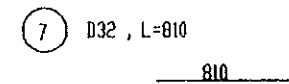
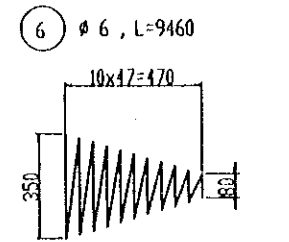
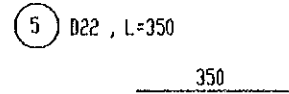
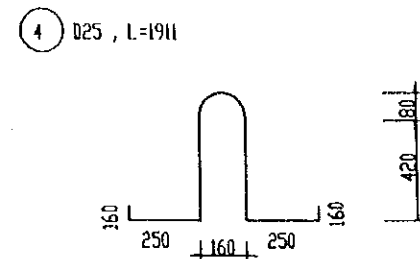
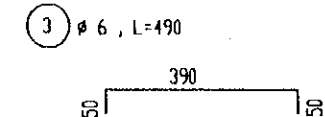
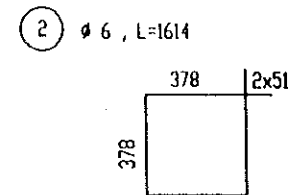
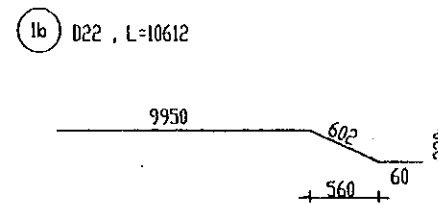
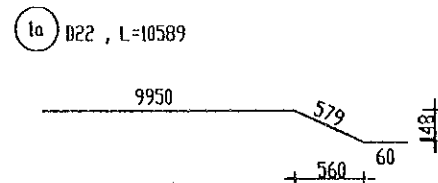
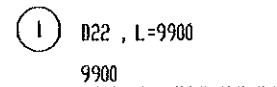
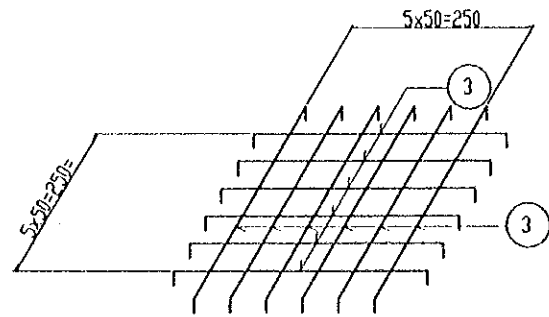
SCALE 1:20



MARKING



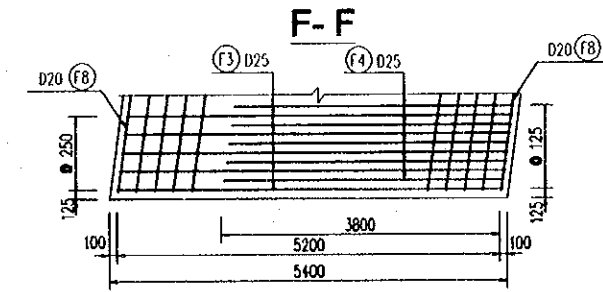
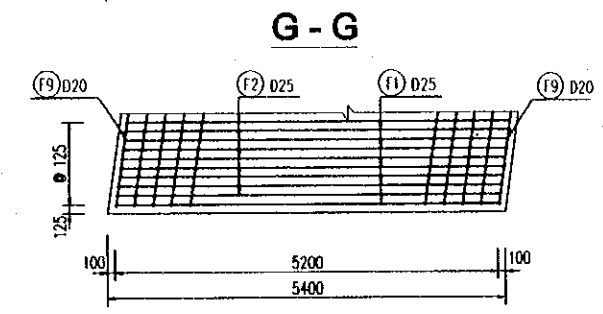
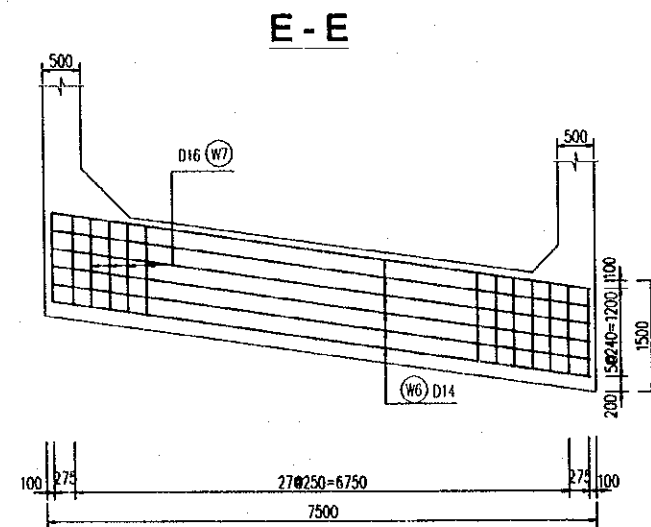
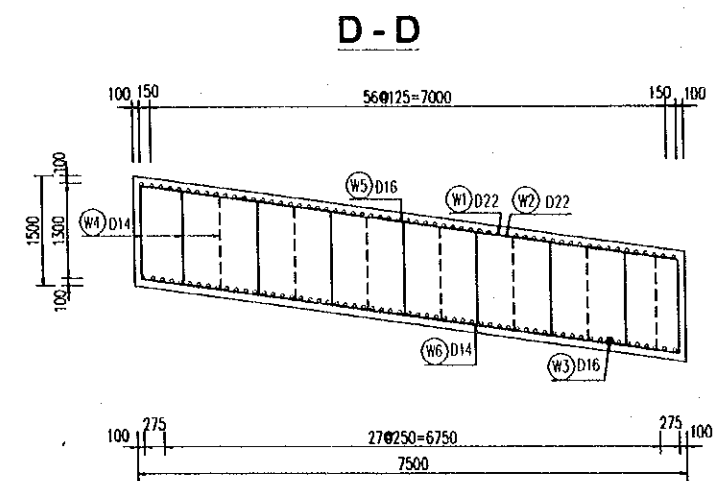
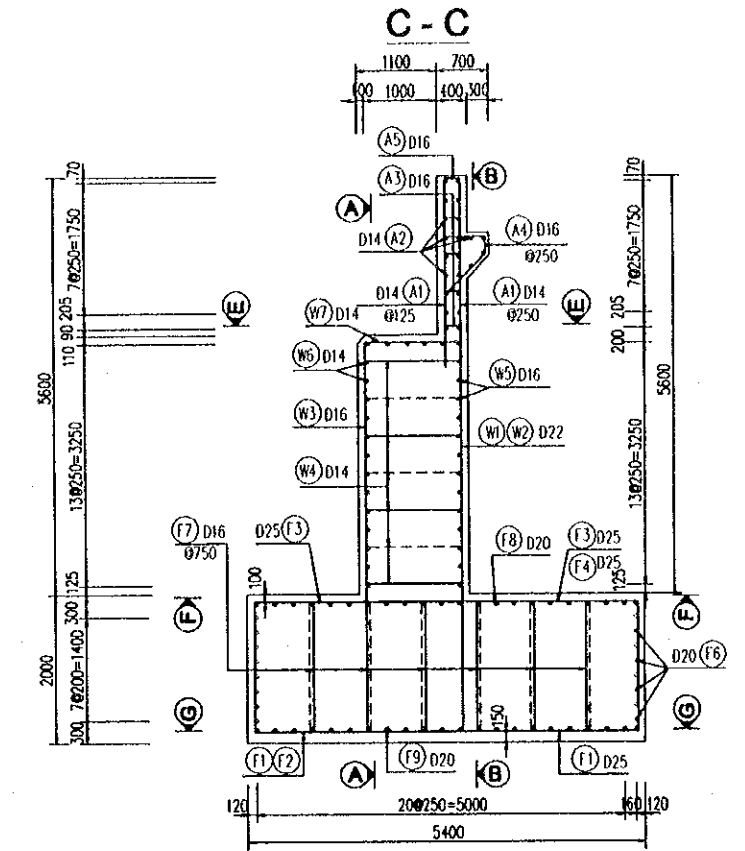
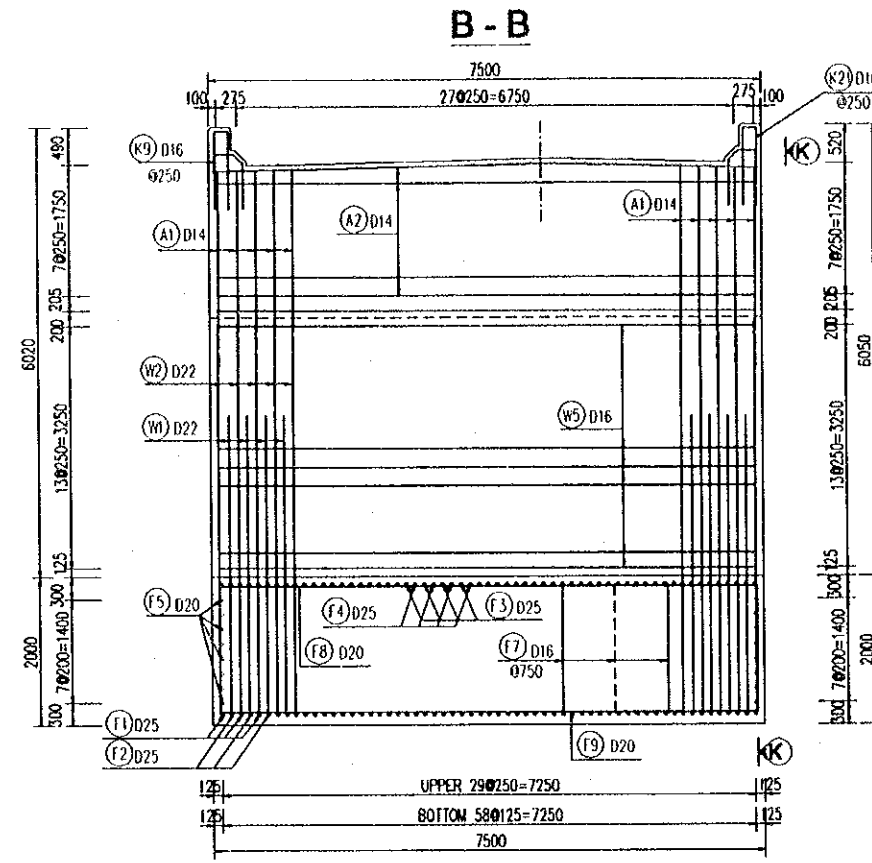
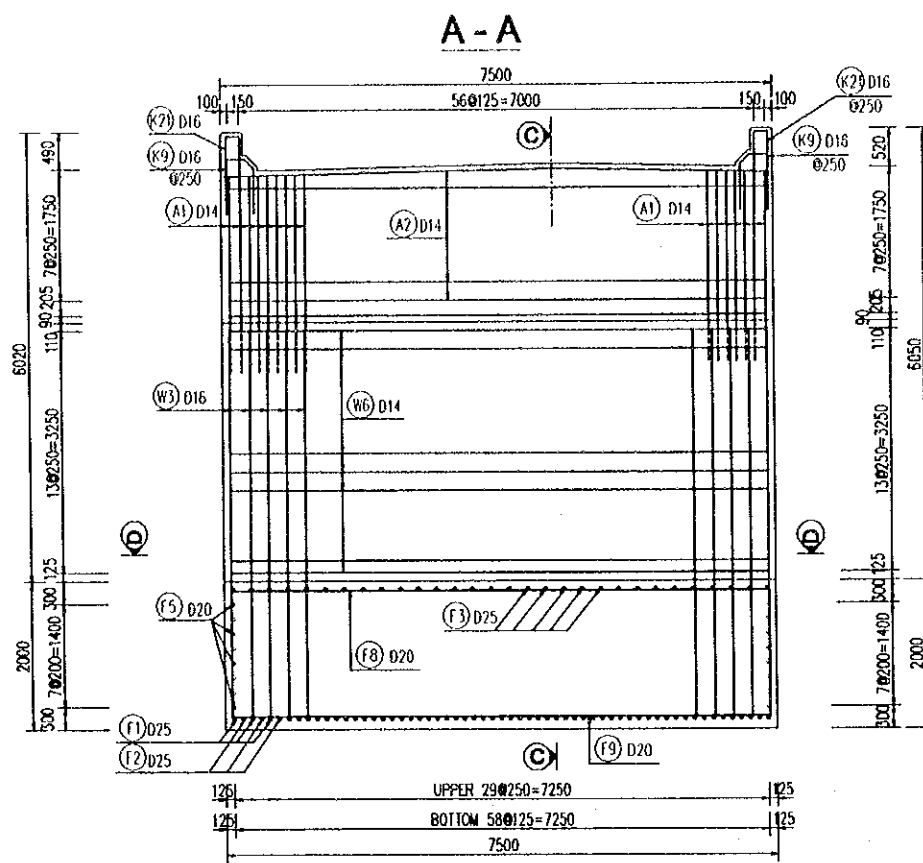
PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM	PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	NIPPON KOEI CO., LTD.	T. Kametani	K. Matsumoto	K. Enomoto	RAMPWAY D BRIDGE-INTERCHANGE 3 ABUTMENTS ABUTMENTS A1&A2-RC PILE 450-L=40.0m-SHEET 1	P3/BRS/0280



LIST OF REINFORCEMENT

	SIGN	DIACETER mm	UNIT WEIGHT kg/m	LENGTH mm	QOS.	TOTAL LENGTH m	TOTAL WEIGHT kg	
R.C.PILE-1 10M	1	22	2.984	9900	12	118.8	354.0	
	2	6	0.222	1614	95	153.33	34.0	
	3	6	0.222	490	120	44.6	13.1	
	4	25	3.853	1911	2	3.82	14.7	
	5	22	26.25	350	8	2.80	8.3	
	8	12x150x876	12.378		2		24.8	
	9	16	1.579	1508	8	12.06	19.0	
	1. TOTAL				467.9	kg		
	phi 6				47.1	kg		
	D16				19.0	kg		
D22				362.3	kg			
D25				14.7	kg			
12x150x876				24.8	kg			
2. CONCRETE M300				2.0	m ³			
R.C.PILE-2 10M	1	22	2.984	9900	8	79.2	236.0	
	2	6	0.222	1614	95	153.33	34.0	
	3	6	0.222	490	120	44.6	13.1	
	4	25	3.853	1911	2	3.82	14.7	
	5	22	26.25	350	8	2.80	8.3	
	8	12x150x876	12.378		2		24.8	
	9	16	1.579	1508	8	12.06	19.0	
	1. TOTAL				349.9	kg		
	phi 6				47.1	kg		
	D16				19.0	kg		
D22				244.3	kg			
D25				14.7	kg			
12x150x876				24.8	kg			
2. CONCRETE M300				2.0	m ³			
R.C.PILE-3 10M	1a	22	2.984	10589	4	42.36	126.4	
	1b	22	2.984	10612	4	42.45	126.8	
	2	6	0.222	1614	95	153.33	34.0	
	3	6	0.222	490	60	29.40	6.5	
	4	25	3.853	1911	2	3.82	14.7	
	5	22	2.984	350	8	2.80	8.3	
	6	6	0.222	9460	1	9.46	2.1	
	7	32	6.313	810	1	0.81	5.1	
	8	12x150x876	12.378		2		24.8	
	9	16	1.579	1508	4	6.03	9.5	
	1. TOTAL				358.2	kg		
	phi 6				42.6	kg		
D16				9.5	kg			
D22				261.5	kg			
D25				14.7	kg			
D32				5.1	kg			
12x150x876				24.8	kg			
2. CONCRETE M300				2.0	m ³			
COUPLING BOX	10	10x920x1000	72.220		2		144.4	
	11	10x450x450	15.896		1		15.9	
	12	10x50x150	0.589		8		4.7	
TOTAL							165.0	

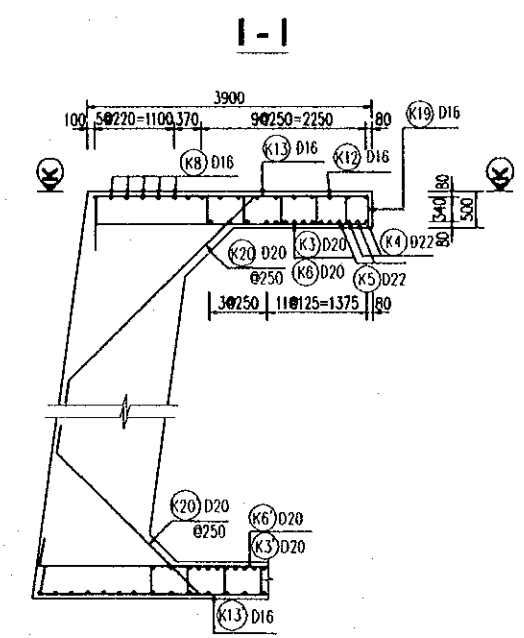
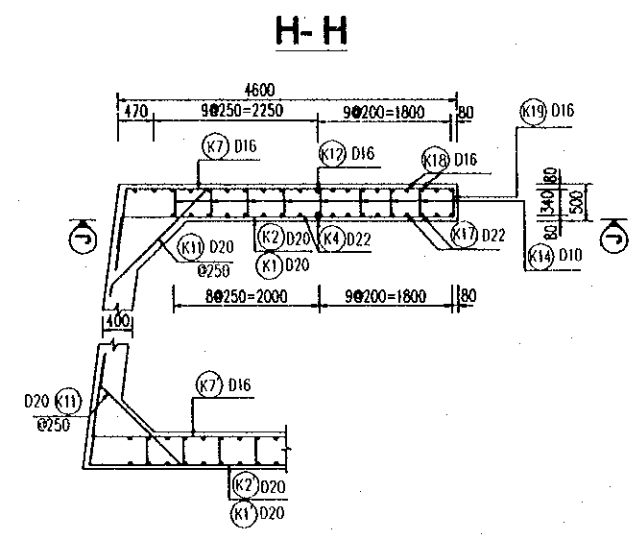
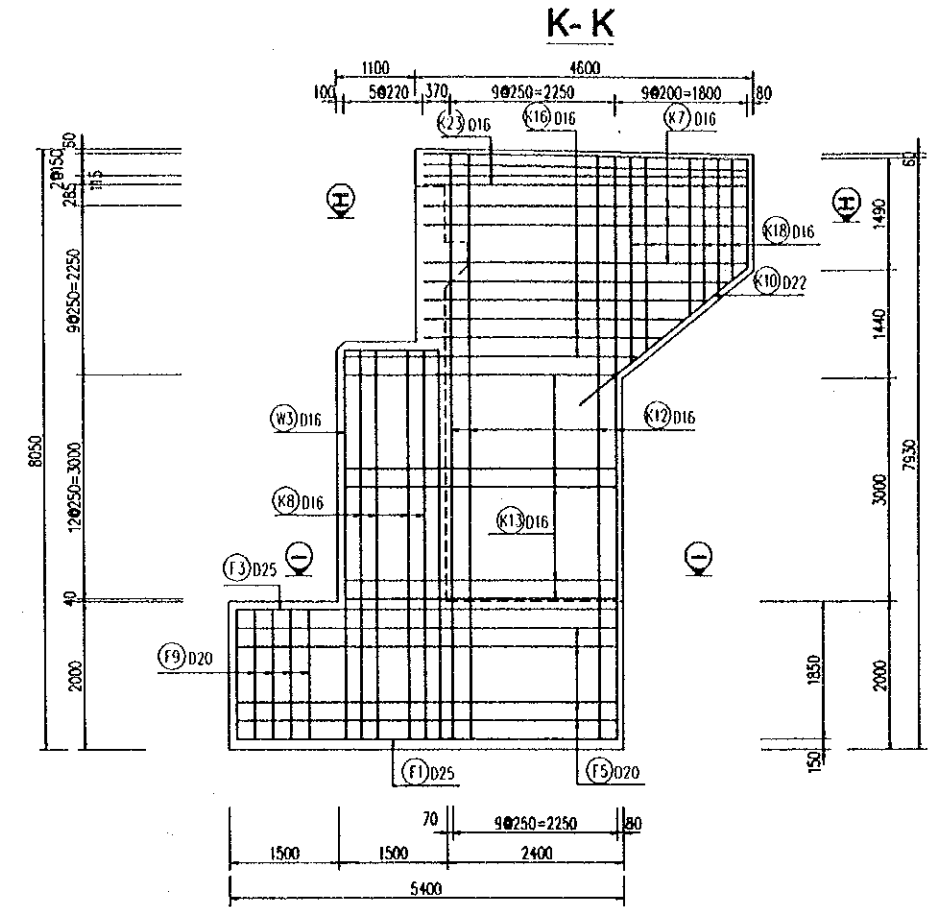
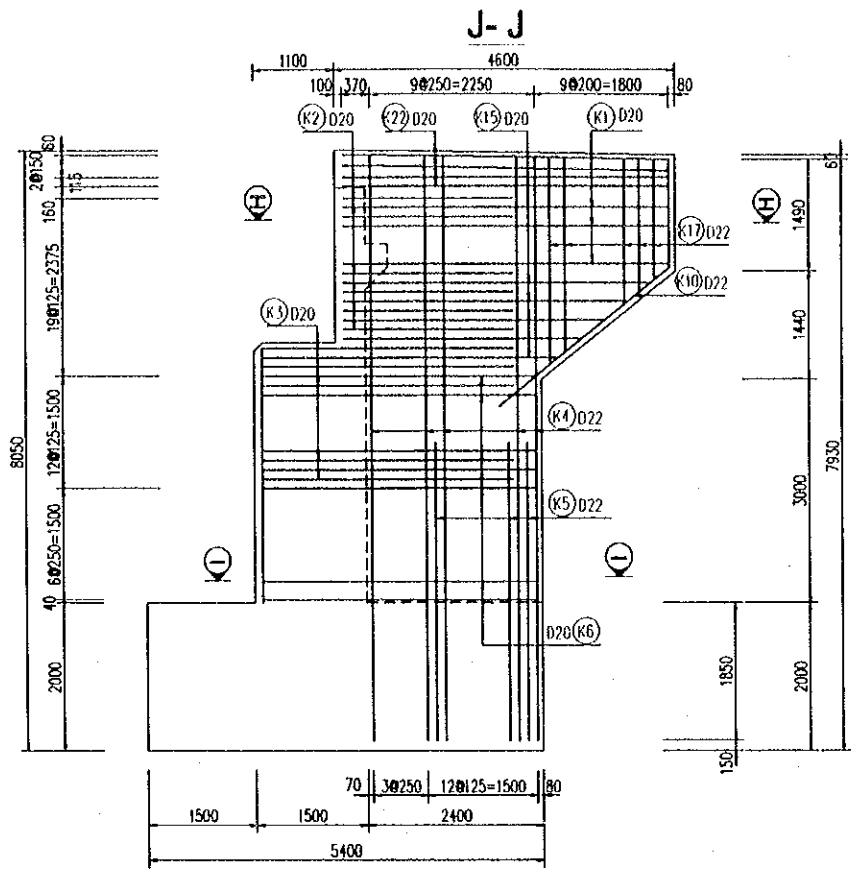
PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM	PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	NIPPON KOEI CO.,LTD.	T. Kametani	K. Matsumoto	K. Enomoto	RAMPWAY "D" BRIDGE-INTERCHANGE 3 ABUTMENTS A1&A2-RC PILE 450-L=40.0m-SHEET 2	P3/BR9/0290
				NAME				
				SIGNATURE				
				DATE	20/9/2000	29/9/2000	5/10/2000	



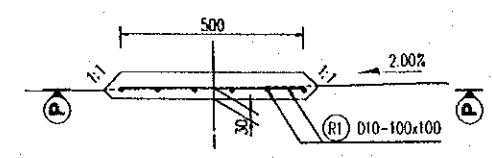
NOTES

1. FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO. P3/BR9/0030

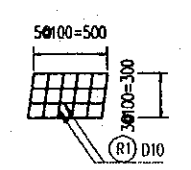
PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM	PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	(NK) NIPPON KOEI CO.,LTD.	NAME: T. Kametani SIGNATURE: [Signature] DATE: 20/9/2000	K. Matsumoto [Signature] 29/9/2000	K. Enomoto [Signature] 5/10/2000	RAMPWAY "D" BRIDGE- INTERCHANGE 3 ABUTMENTS REINFORCEMENT OF ABUTMENT A1- SHEET 1	P3/BR9/0300



REINFORCING SHOES
(SCALE 1:20)



P - P
(SCALE 1:50)

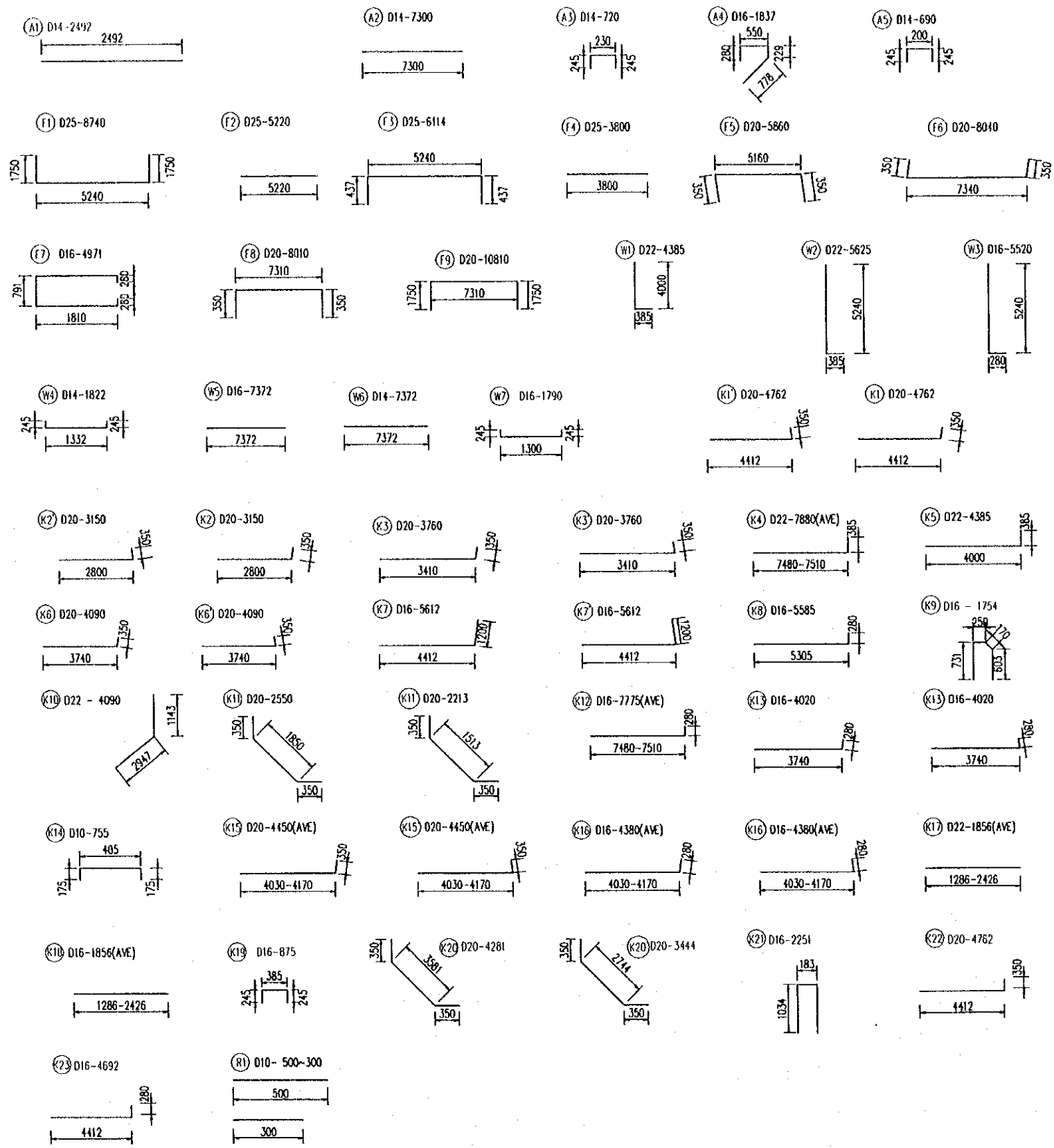


NOTES

1. FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO. P3/BR9/0030

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	RAMPWAY "D" BRIDGE- INTERCHANGE 3 ABUTMENTS REINFORCEMENT OF ABUTMENT A1- SHEET 2	P3/BR9/03310
				SIGNATURE	SIGNATURE	SIGNATURE		
				DATE	DATE	DATE		

LIST OF REINFORCEMENT (FOR ABUTMENT A1)



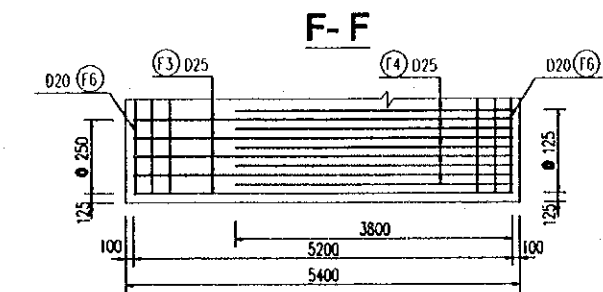
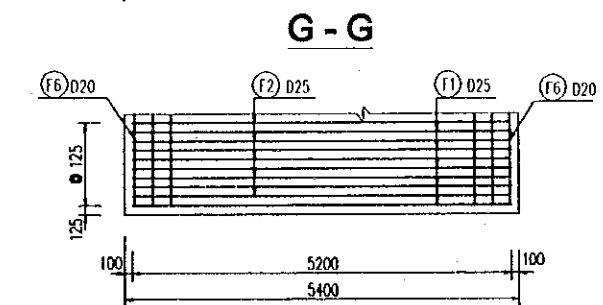
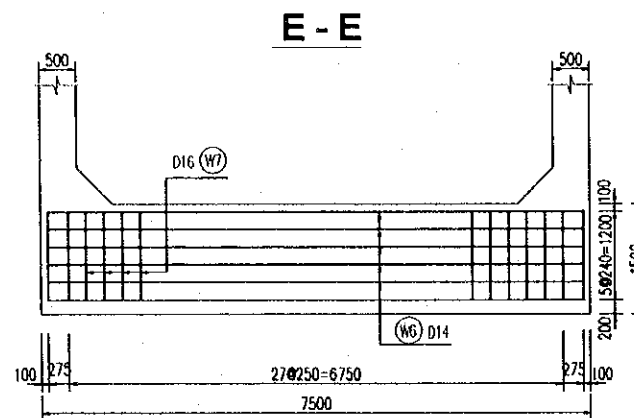
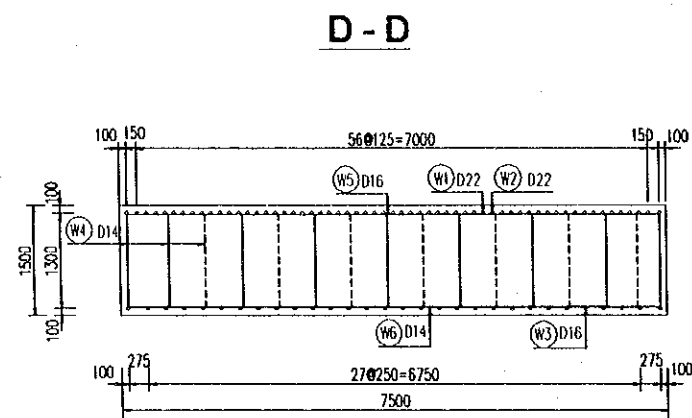
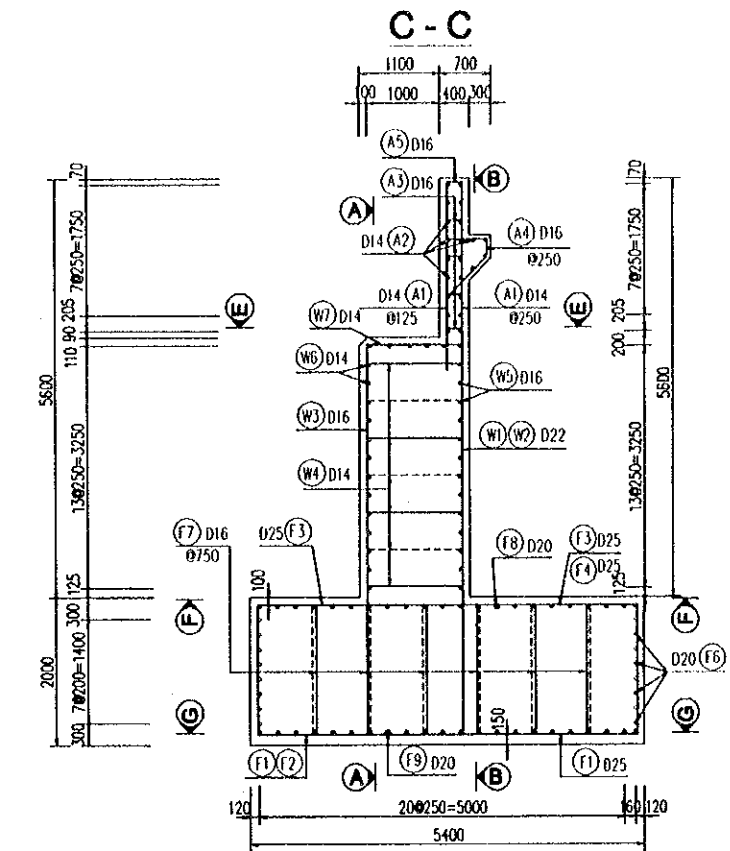
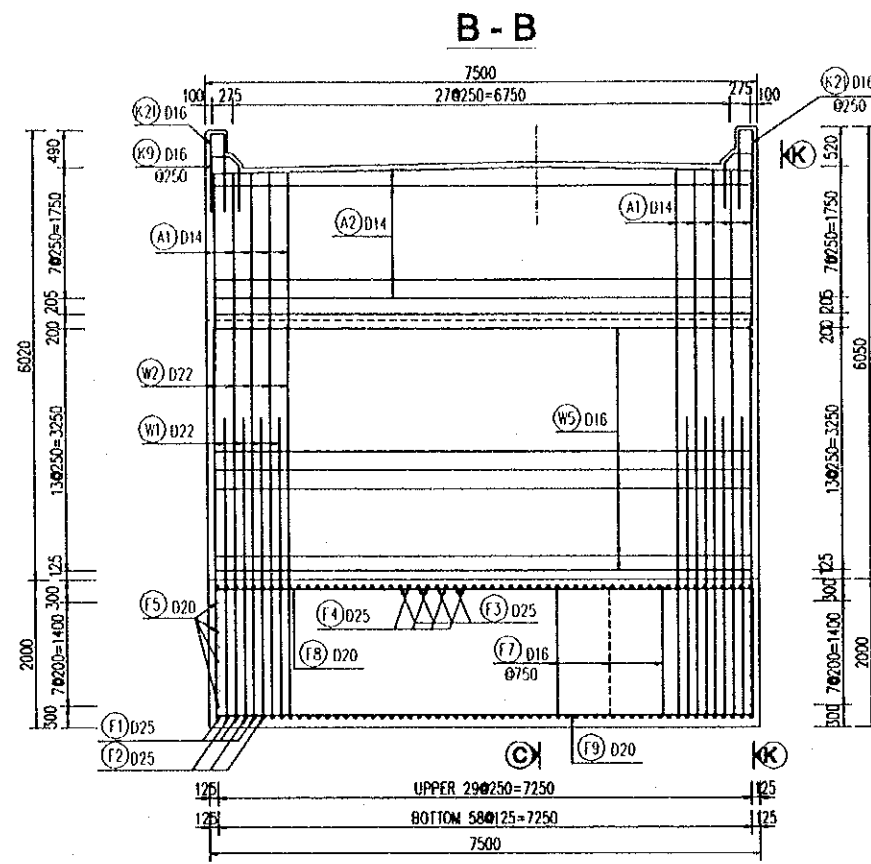
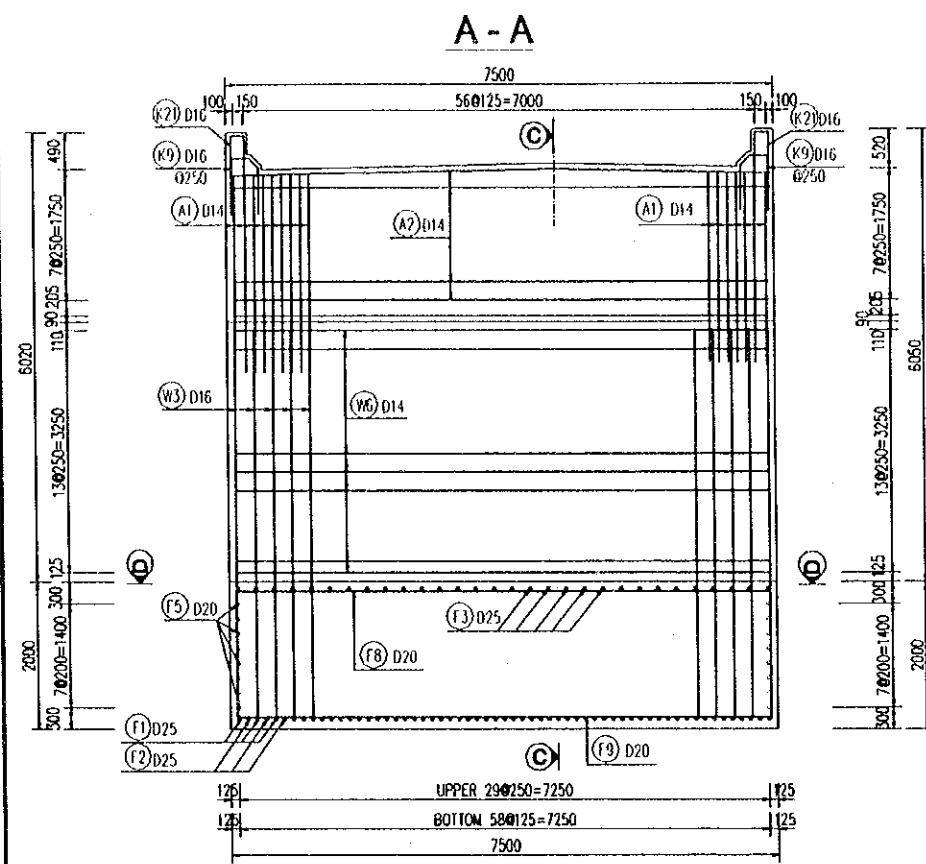
REINF NO.	DIA (mm)	LENGTH (mm)	NUMBER	UNIT WEIGHT (kg/m)	WEIGHT (kg)	REMARKS
A1	14	2492	89	1.208	267.9	
A2	14	7300	22	1.208	194.0	
A3	14	720	56	1.208	48.7	
A4	16	1837	30	1.578	87.0	
A5	14	690	30	1.208	25.0	
F1	25	8740	30	3.853	1010.3	
F2	25	5220	29	3.853	583.3	
F3	25	6114	30	3.853	706.7	
F4	25	3800	29	3.853	424.6	
F5	20	5860	16	2.466	231.2	
F6	20	8040	16	2.466	317.2	
F7	16	4971	39	1.578	305.9	
F8	20	8010	22	2.466	434.6	
F9	20	10810	22	2.466	586.5	
F10	22	4385	29	2.984	379.5	
F11	22	5625	30	2.984	503.6	
F12	16	5520	30	1.578	261.3	
F13	14	1822	53	1.208	116.7	
F14	16	7372	14	1.578	162.9	
F15	14	7372	18	1.208	160.3	
F16	16	1790	30	1.578	84.7	
F17	20	4762	4	2.466	47.0	
F18	20	4762	4	2.466	47.0	
F19	20	3150	8	2.466	62.1	
F20	20	3150	8	2.466	62.1	
F21	20	3760	8	2.466	74.2	
F22	20	3760	8	2.466	74.2	
F23	22	7880	20	2.984	470.3	
F24	22	4385	16	2.984	209.4	
F25	20	4090	13	2.466	131.1	
F26	20	4090	13	2.466	131.1	
F27	16	5612	4	1.578	35.4	
F28	16	5612	4	1.578	35.4	
F29	16	5585	10	1.578	88.1	
F30	16	1754	38	1.578	105.2	
F31	22	4090	4	2.984	48.8	
F32	20	2550	10	2.466	62.9	
F33	20	2213	10	2.466	54.6	
F34	16	7775	20	1.578	245.4	
F35	16	4020	13	1.578	82.5	
F36	16	4020	13	1.578	82.5	
F37	10	755	166	0.617	77.3	AVE
F38	20	4450	5	2.466	54.9	AVE
F39	20	4450	5	2.466	54.9	AVE
F40	16	4380	5	1.578	34.6	AVE
F41	16	4380	5	1.578	34.6	AVE
F42	22	1856	18	2.984	99.7	
F43	16	1856	18	1.578	52.7	AVE
F44	16	875	24	1.578	25.4	
F45	20	4281	14	2.466	147.8	
F46	20	3444	14	2.466	118.9	
F47	16	2251	38	1.578	135.0	
F48	20	4762	8	2.466	93.9	
F49	16	4692	8	1.578	59.2	
F50	10	500-300	12~18	0.617	7.0	

D10 : 84.3 kg D20 : 2786.1 kg
 D14 : 838.0 kg D22 : 1711.2 kg
 D16 : 1892.3 kg D25 : 2724.8 kg
 TOTAL : 10036.7 kg

NOTES

1. FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO. P3/BR9/0030

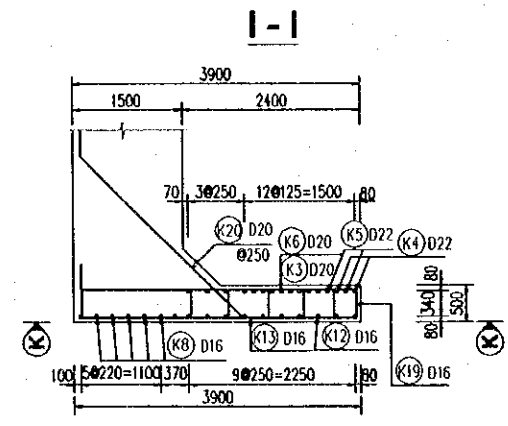
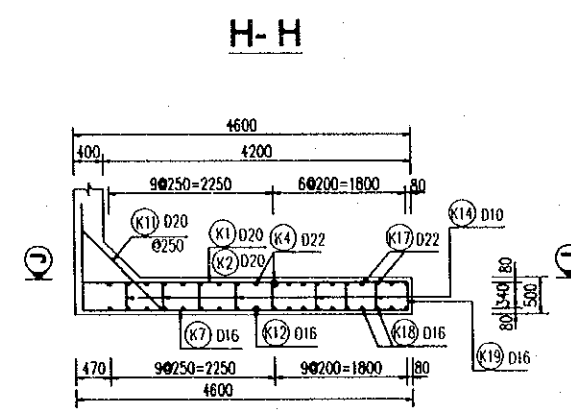
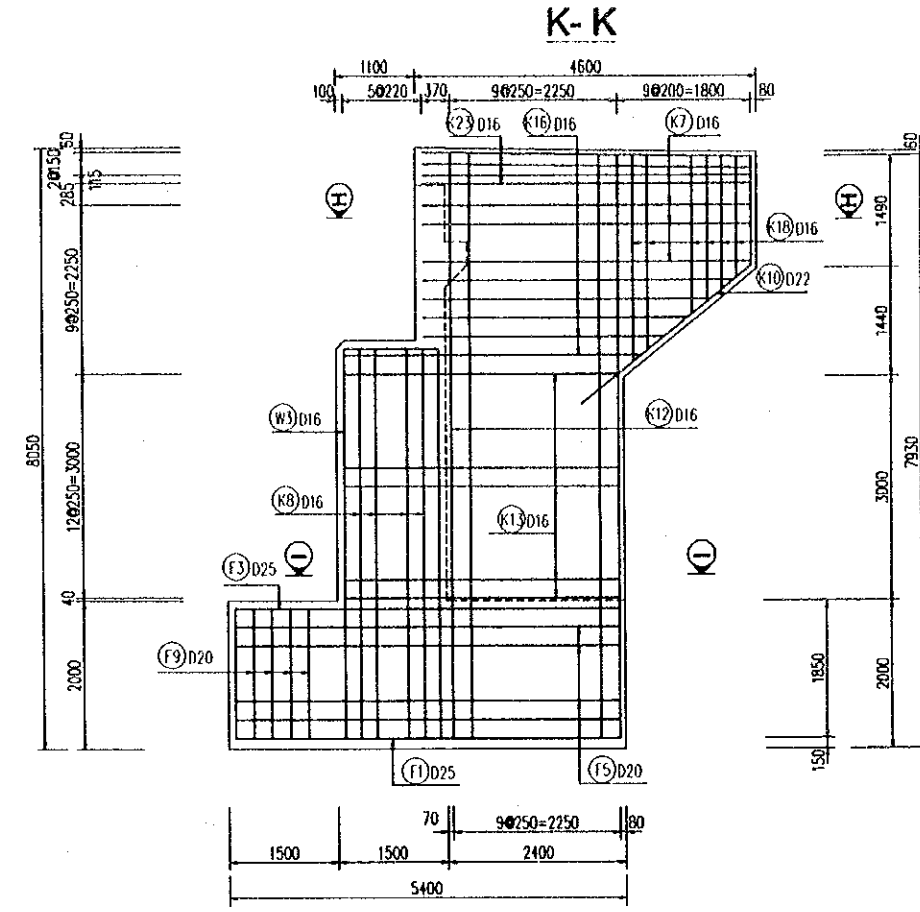
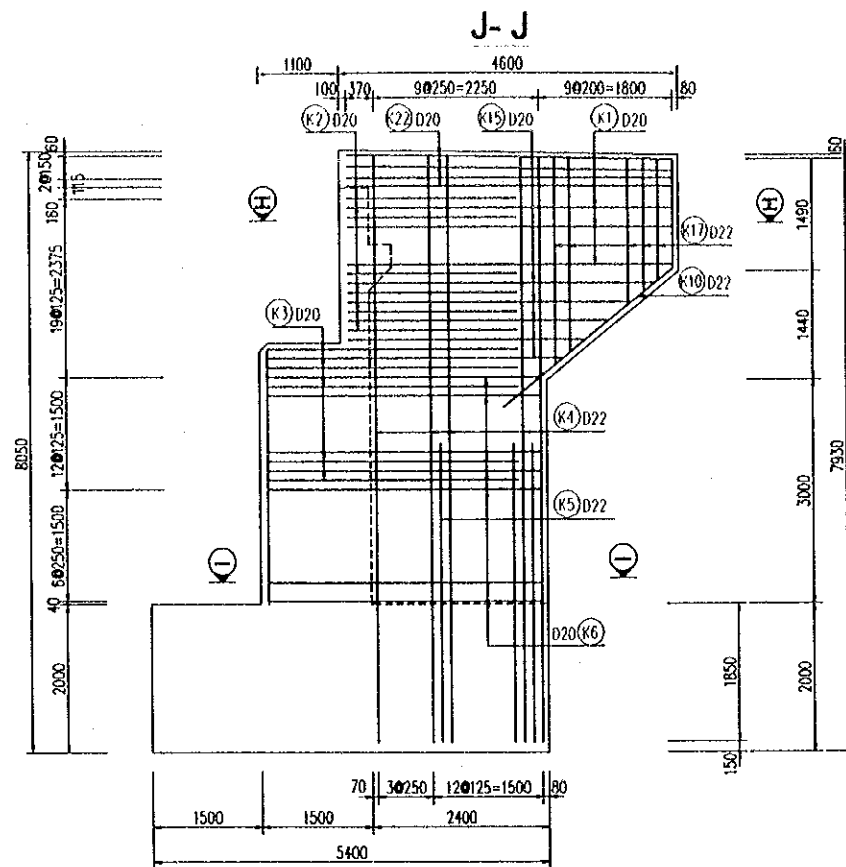
PROJECT NAME DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	IMPLEMENTATION AGENCY JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	EXECUTING AGENCY SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	JICA STUDY TEAM NIPON KOEI CO.,LTD.	PREPARED BY T. Kametani	CHECKED BY K. Matsumoto	APPROVED BY K. Enomoto	DRAWING TITLE RAMPWAY "D" BRIDGE-INTERCHANGE 3 ABUTMENTS REINFORCEMENT OF ABUTMENT A1- SHEET 3	DWG NO. P3/BR9/0320
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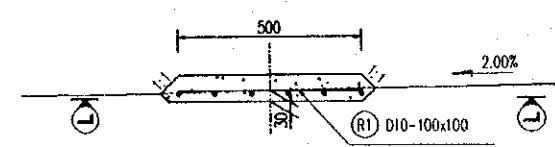
NOTES

1. FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO. P3/BR9/0030

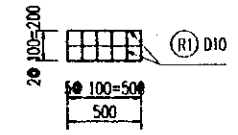
PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM	PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	(NK) NIPPON KOEI CO.,LTD.	NAME T. Kametani SIGNATURE DATE 20/9/2000	K. Matsumoto E. Matsumoto 29/9/2000	K. Enomoto 5/10/2000	RAMPWAY "D" BRIDGE- INTERCHANGE 3 ABUTMENTS REINFORCEMENT OF ABUTMENT A2 - SHEET 1	P3/BR9/0330



REINFORCING SHOES
(SCALE 1:20)



L-L
(SCALE 1:50)

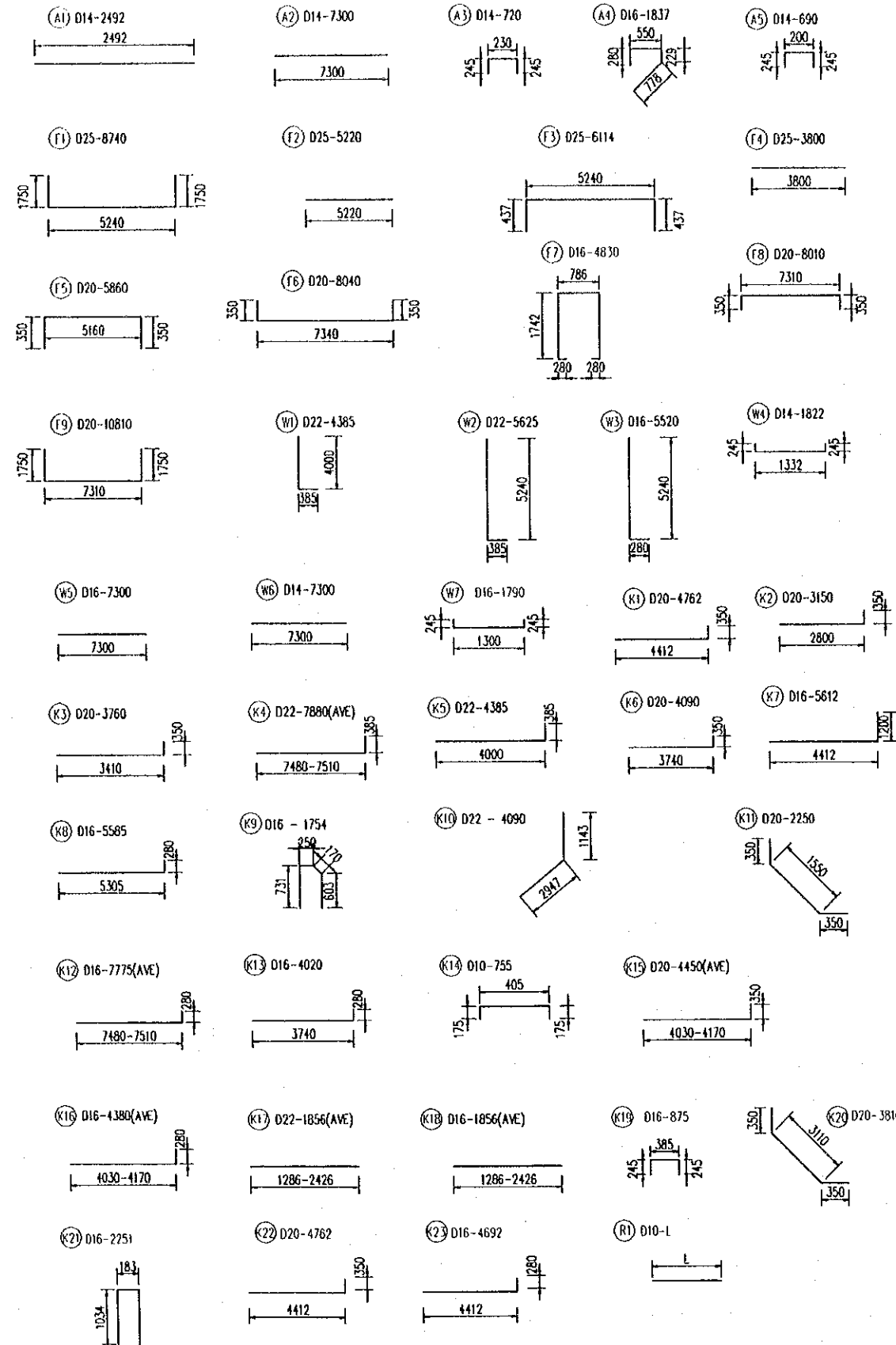


NOTES

1. FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO. P3/BR9/0030

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	RAMPWAY "D" BRIDGE- INTERCHANGE 3 ABUTMENTS REINFORCEMENT OF ABUTMENT A2 - SHEET 2	P3/BR9/03340

LIST OF REINFORCEMENT (FOR ABUTMENT A2)



REINF	ØA (mm)	LENGTH (mm)	NUMBER	UNIT (kg/m)	WEIGHT (kg)	REMARKS
A1	14	2492	89	1.208	267.9	
A2	14	7300	22	1.208	194.0	
A3	14	720	56	1.208	48.7	
A4	16	1837	30	1.578	87.0	
A5	14	690	30	1.208	25.0	
F1	25	8740	30	3.853	1010.3	
F2	25	5220	29	3.853	583.3	
F3	25	6114	30	3.853	706.7	
F4	25	3800	29	3.853	424.6	
F5	20	5860	16	2.466	231.2	
F6	20	8040	16	2.466	317.2	
F7	16	4830	39	1.578	297.2	
F8	20	8010	22	2.466	434.6	
F9	20	10810	22	2.466	586.5	
W1	22	4385	29	2.984	379.5	
W2	22	5625	30	2.984	503.6	
W3	16	5520	30	1.578	261.3	
W4	14	1822	53	1.208	120.5	
W5	16	7300	14	1.578	161.3	
W6	14	7300	18	1.208	158.7	
W7	16	1790	30	1.578	84.7	
K1	20	4762	8	2.466	93.9	
K2	20	3150	16	2.466	124.3	
K3	20	3760	16	2.466	148.4	
K4	22	7880	20	2.984	470.3	AVERAGE
K5	22	4385	16	2.984	209.4	
K6	20	4090	26	2.466	262.2	
K7	16	5612	8	1.578	70.8	
K8	16	5585	10	1.578	88.1	
K9	16	1754	38	1.578	105.2	
K10	22	4090	4	2.984	48.8	
K11	20	2250	20	2.466	111.0	
K12	16	7175	20	1.578	245.4	AVERAGE
K13	16	4020	26	1.578	164.9	
K14	10	755	166	0.617	77.3	
K15	20	4450	10	2.466	109.7	AVERAGE
K16	16	4380	10	1.578	69.1	AVERAGE
K17	22	1856	18	2.984	99.7	AVERAGE
K18	16	1856	18	1.578	45.0	AVERAGE
K19	16	875	24	1.578	33.1	
K20	20	3810	28	2.466	263.1	
K21	16	2251	38	1.578	135.0	
K22	20	4762	8	2.466	93.9	
K23	16	4692	8	1.578	59.2	
R1	10	500-200	9-18	0.617	5.0	
TOTAL:				10016.7 kg		
D10 :				82.3 kg	D20 :	2776.0 kg
D14 :				814.9 kg	D22 :	1711.2 kg
D16 :				1907.5 kg	D25 :	2724.8 kg

NOTES

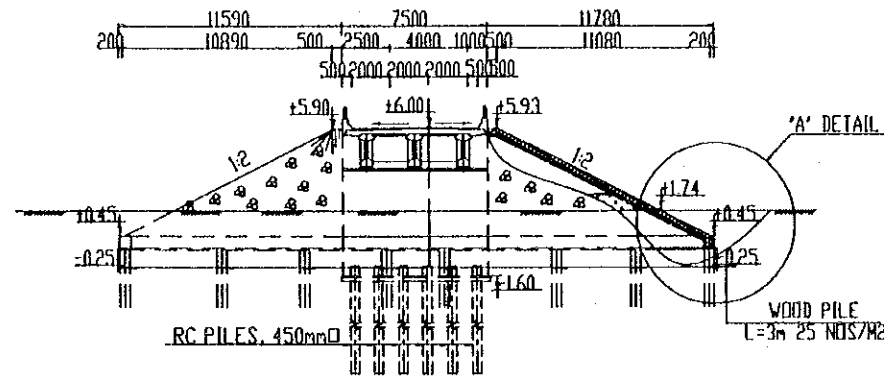
1. FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO. P3/BR9/0030

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 NIPON KOEI CO.,LTD.	PREPARED BY NAME: T. Kametani SIGNATURE: [Signature] DATE: 20/9/2000	CHECKED BY K. Matsumoto SIGNATURE: [Signature] DATE: 29/9/2000	APPROVED BY K. Enomoto SIGNATURE: [Signature] DATE: 5/10/2000	DRAWING TITLE RAMPWAY "D" BRIDGE- INTERCHANGE 3 ABUTMENTS REINFORCEMENT OF ABUTMENT A2 - SHEET 3	DWG NO. P3/BR9/0350
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EARTHWORKS SLOPE PROTECTION

(SCALE 1:375)

A-A (ABUTMENT A1)



PLAN

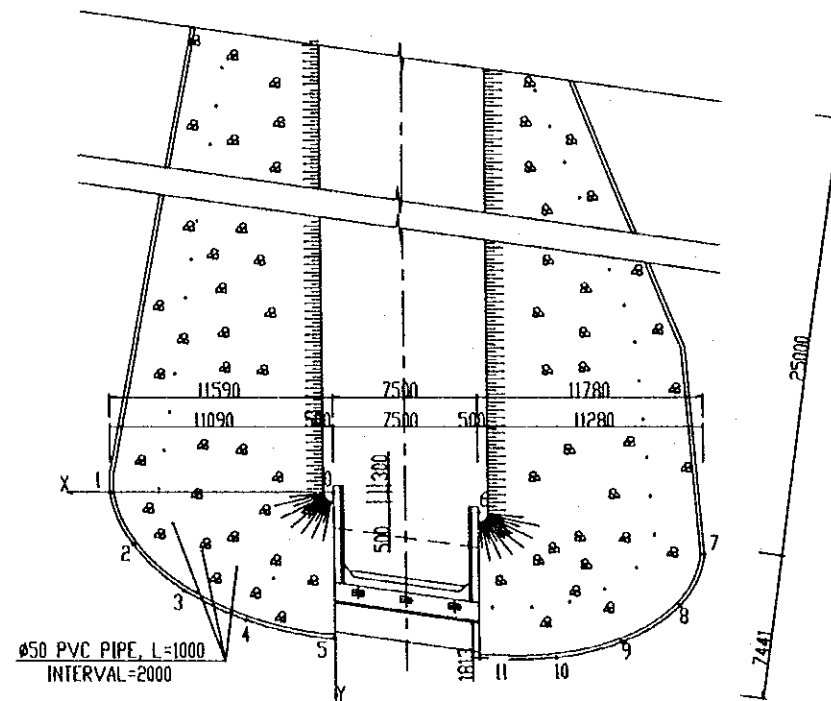
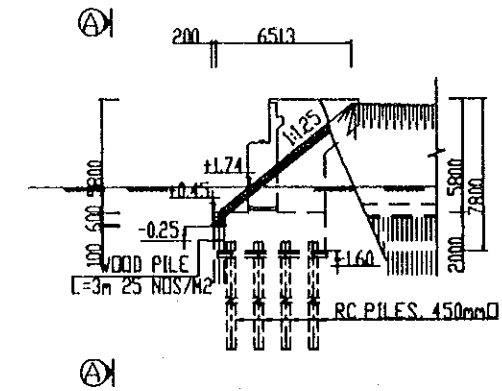


TABLE OF COORDINATES

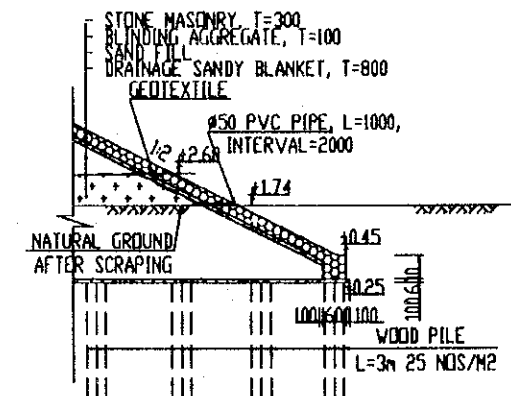
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2	1043	272	8	-1794	589
3	780	511	9	-1488	776
4	465	660	10	-1145	855
5	0	756	11	-750	860

SIDE ELEVATION



"A" DETAIL

(SCALE 1:150)



NOTES

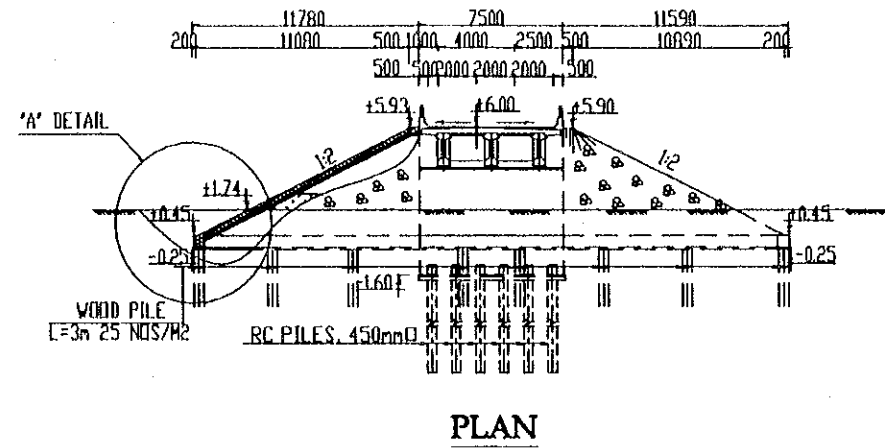
FOR STANDARD STRUCTURAL NOTES SEE DRAWING NLP3/BR9/0030

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	RAMWAY "D" BRIDGE-INTERCHANGE 3 ABUTMENTS EARTHWORKS SLOPE PROTECTION-SHEET 1	P3/BR9/0360
				NAME	DATE	DATE		
				SIGNATURE	20/9/2000	29/9/2000		
						5/10/2000		

EARTHWORKS SLOPE PROTECTION

(SCALE 1:375)

A-A (ABUTMENT A2)



SIDE ELEVATION

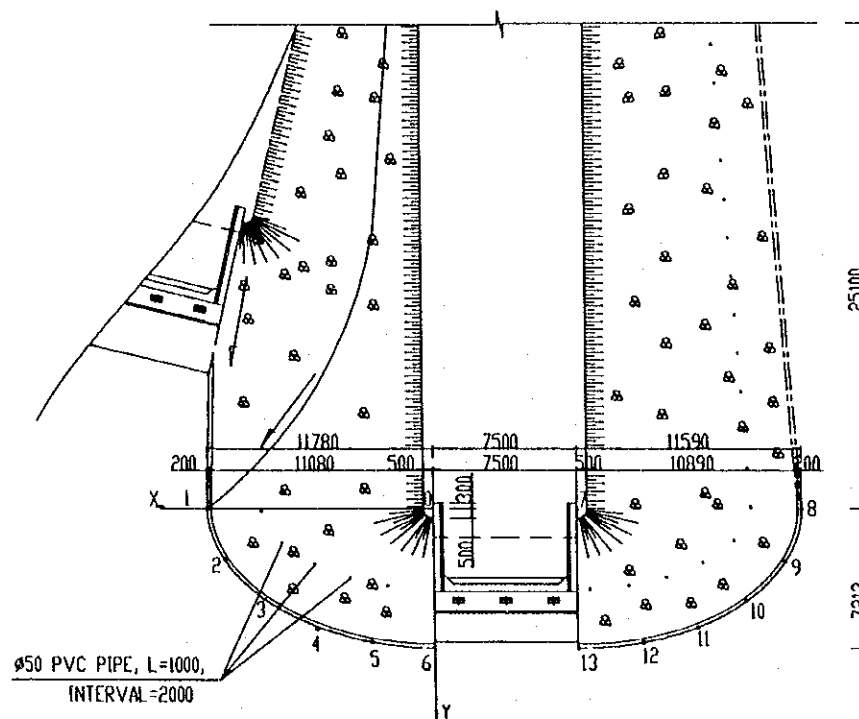
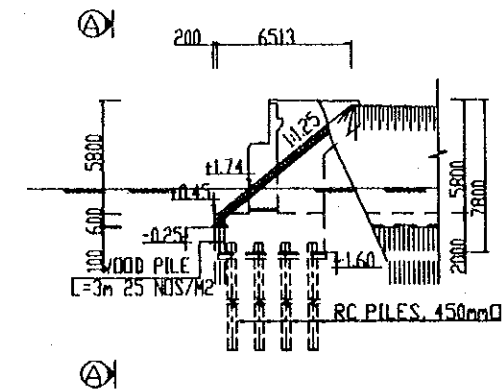
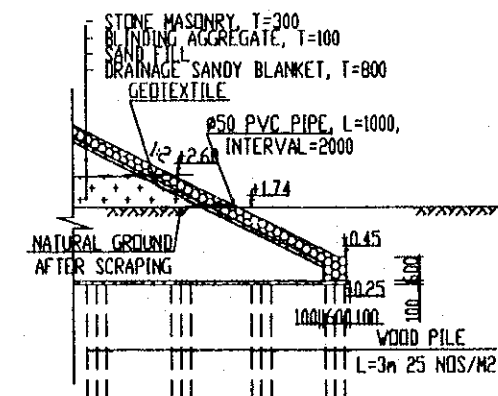


TABLE OF COORDINATES

No	X (cm)	Y (cm)	No	X (cm)	Y (cm)
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2	1090	262	9	-1823	273
3	882	469	10	-1619	477
4	614	621	11	-1363	612
5	326	690	12	-1083	691
6	0.0	720	13	-750	721

"A" DETAIL

(SCALE 1:150)



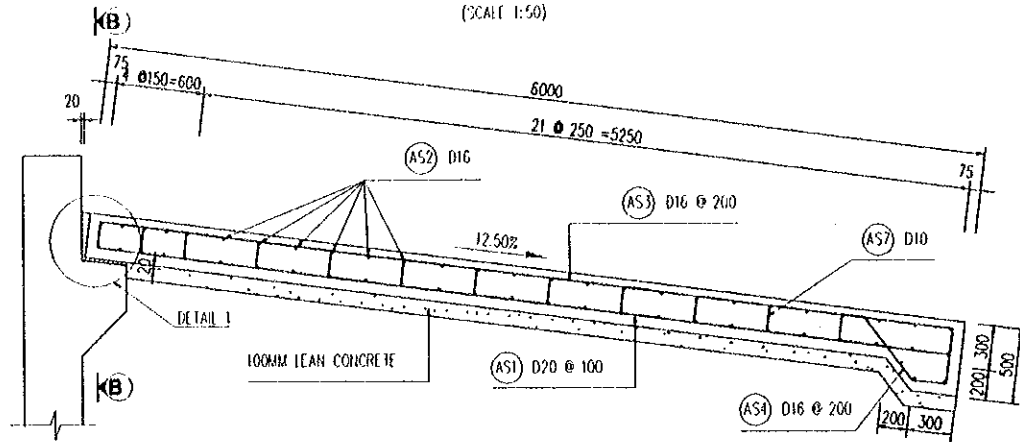
NOTE

FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO.P3/BR9/0030

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	NIPON KOEI CO.,LTD.	T. Kametani	K. Matsumoto	K. Enomoto	RAMWAY'D*BRIDGE-INTERCHANGE 3 ABUTMENTS EARTHWORKS SLOPE PROTECTION-SHEET 2	P3/BR9/0370
				NAME	DATE	DATE		
				SIGNATURE	20/9/2000	29/9/2000	5/10/2000	

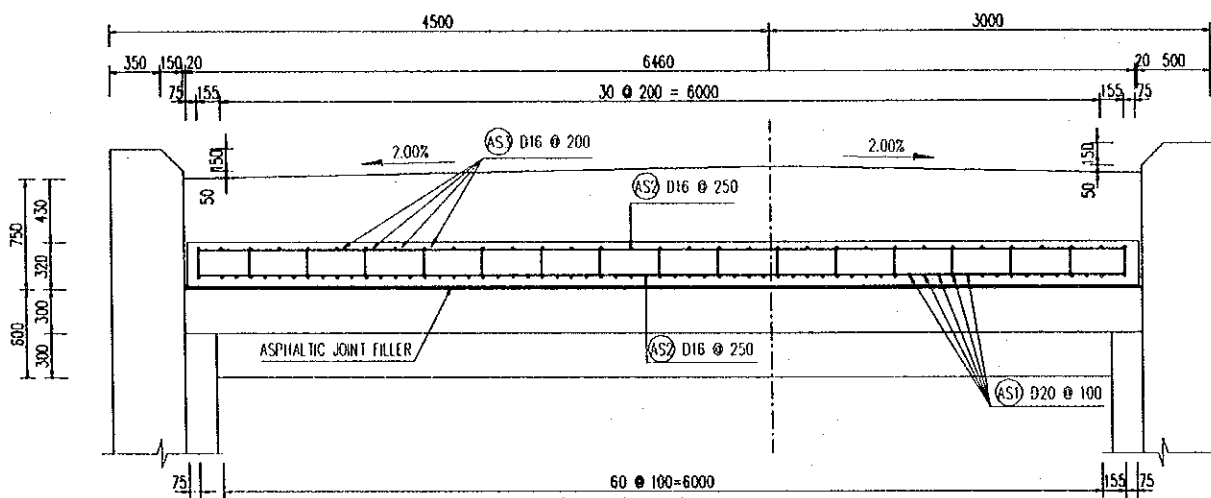
SECTION A - A

(SCALE 1:50)



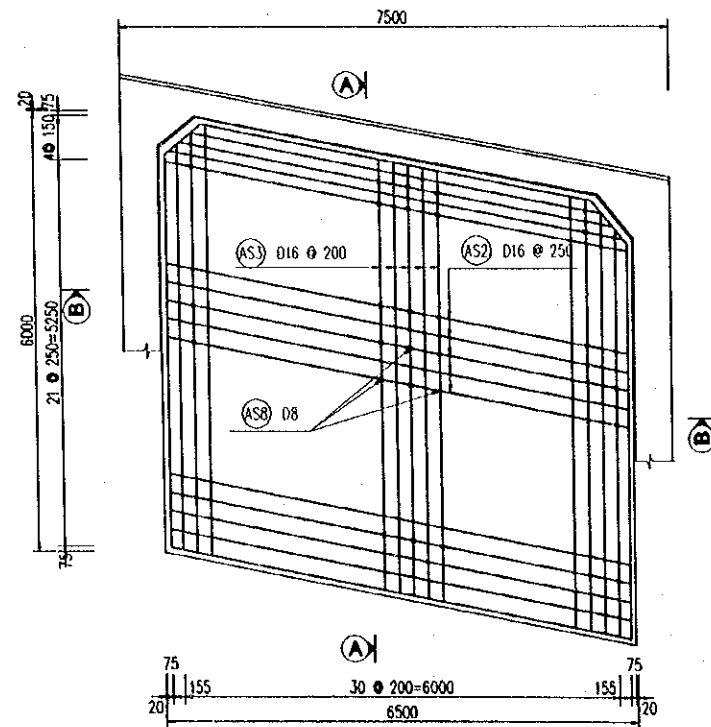
SECTION B - B

(SCALE 1:50)



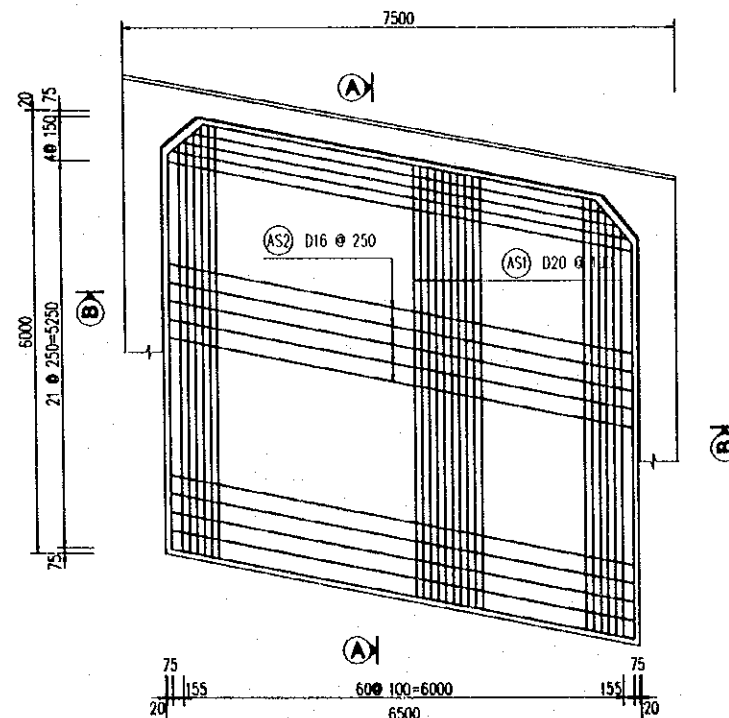
SECTION C - C

(SCALE 1:100)



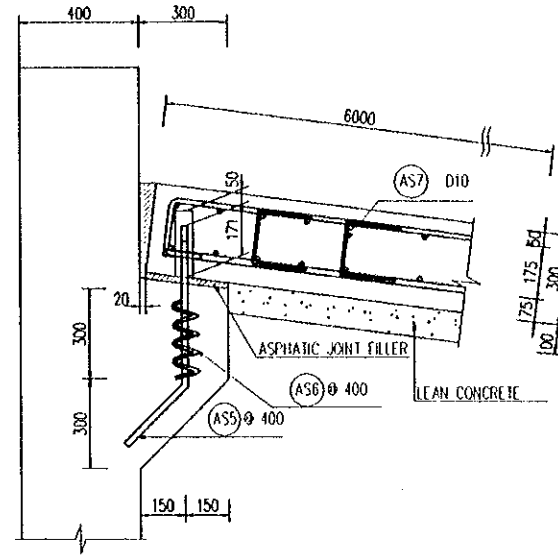
SECTION D - D

(SCALE 1:100)



DETAIL 1

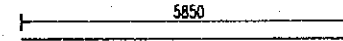
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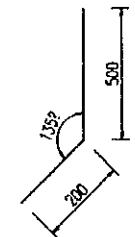
**LIST OF REINFORCEMENT
(FOR 1 ABUTMENT)**

TYPE	Ø (mm)	LENGTH OF BAR (mm)	U WEIGHT (kg/m)	NUMBER	WEIGHT (Kg)
AS1	D20	5850	2.466	63	908.8
AS2	D16	6728	1.578	55	583.9
AS3	D16	6320	1.578	33	329.1
AS4	D16	1200	1.578	33	62.5
AS5	D20	700	2.466	17	29.3
AS6	D10	1580	0.617	17	16.6
AS7	D10	519	0.617	165	52.8
				D10	69.4 kg
				D16	975.5 kg
				D20	938.1 kg
				TOTAL :	1983.0 kg
				CONCRETE :	12.1 m³
				LEAN CONCRETE :	3.7 m³
				ASPHALTIC JOINT FILLER :	0.1 m³

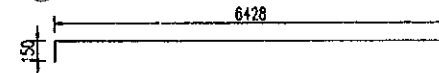
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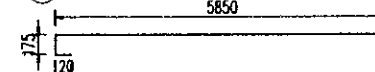
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AS2 55-D16 x 6728



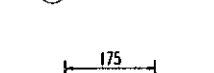
AS3 33-D16 x 6320



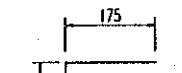
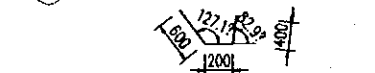
AS6 17-D10 x 1580



AS7 165-D10 x 519



AS4 33-D16 x 1200



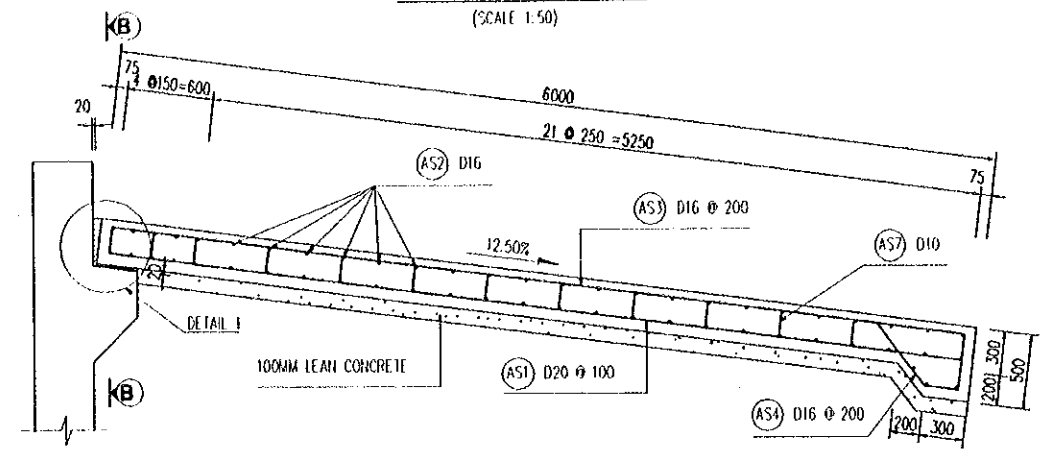
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FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO P3\BR9\0030

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	RAMPWAY "D" BRIDGE - INTERCHANGE 3 ABUTMENTS DETAILS OF APPROACH SLAB - SHEET 1	P3/BR9/0380

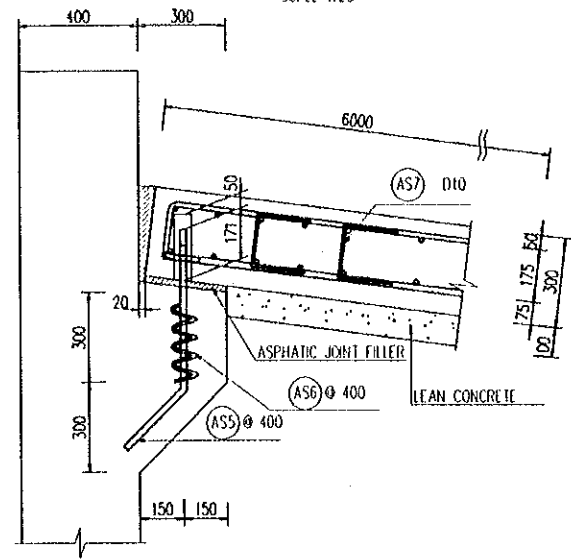
SECTION A - A

(SCALE 1:50)



DETAIL 1

SCALE 1:25

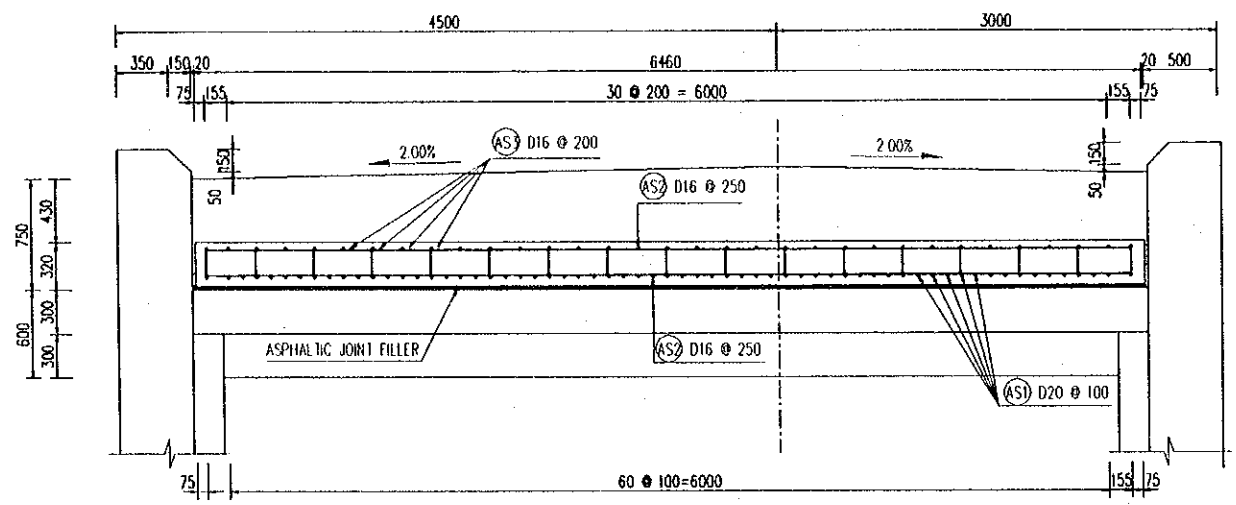


**LIST OF REINFORCEMENT
(FOR 1 ABUTMENT)**

TYPE	D (mm)	LENGTH OF BAR (mm)	U WEIGHT (kg/m)	NUMBER	WEIGHT (kg)
AS1	D20	5850	2.466	63	908.8
AS2	D16	6610	1.578	55	573.7
AS3	D16	6320	1.578	33	329.1
AS4	D16	1200	1.578	33	62.5
AS5	D20	700	2.466	17	29.3
AS6	D10	1580	0.617	17	16.6
AS7	D10	519	0.617	165	52.8
				D10	68.4 kg
				D16	965.3 kg
				D20	938.1 kg
TOTAL :					1972.8 kg
CONCRETE :					12.1 m³
LEAN CONCRETE :					3.7 m³
ASPHATIC JOINT FILLER :					0.1 m³

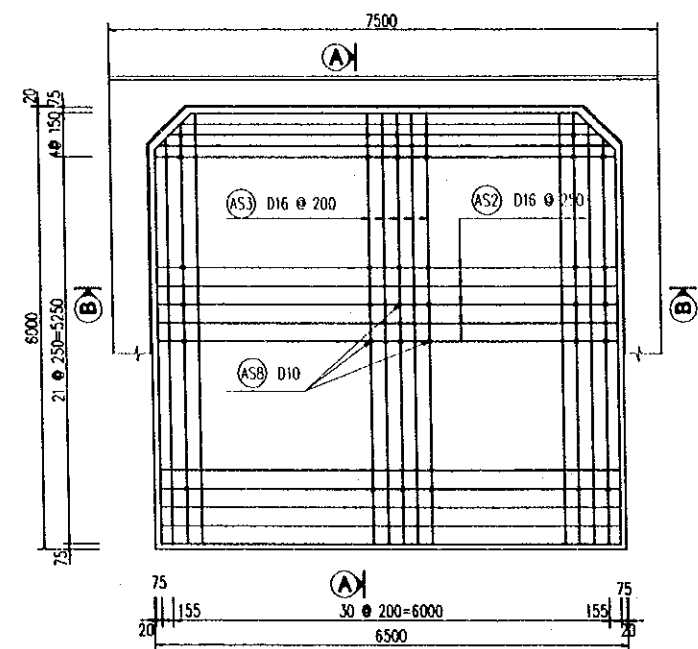
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(SCALE 1:50)



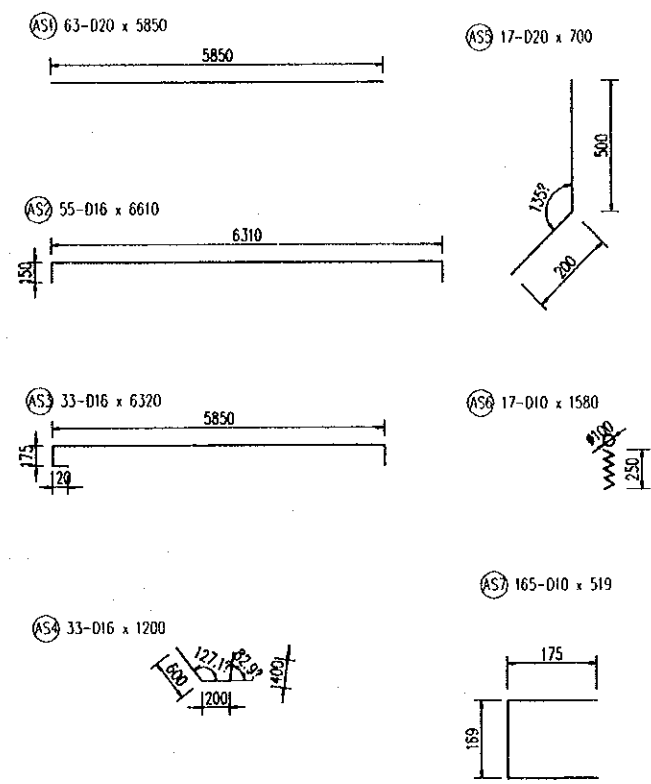
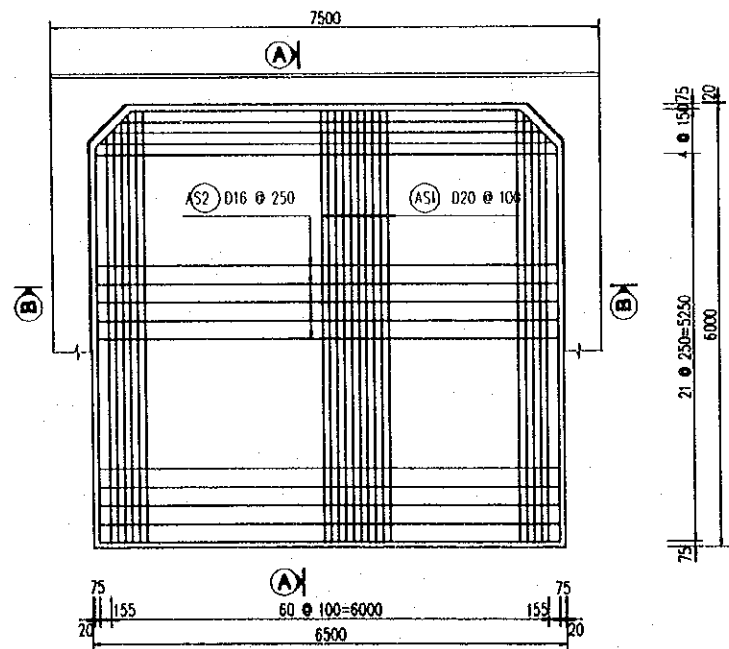
SECTION C - C

(SCALE 1:100)



SECTION D - D

(SCALE 1:100)



NOTES:

FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO P3/BR9/0030



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	RAMPWAY "D" BRIDGE - INTERCHANGE 3 ABUTMENTS DETAILS OF APPROACH SLAB - SHEET 2	P3/BR9/0390
				SIGNATURE	SIGNATURE	SIGNATURE		
				DATE	DATE	DATE		

QUANTITY TABLE OF ABUTMENTS

ITEMS		UNIT	ABUTMENT A1	ABUTMENT A2	TOTAL	
A- ABUTMENT						
PILE	NUMBER OF PILES	PILE	24	24	48	
	TOTAL LENGTH OF RC □ 450mm	M	960.0	960.0	1920.0	
	CONCRETE CLASS D	M3	195.2	195.2	390.4	
	REINFORCEMENT	φ 6	KG	4413.6	4413.6	8827.2
		D16	KG	1596.0	1596.0	3192.0
		D22	KG	23865.6	23865.6	47731.2
		D25	KG	1411.2	1411.2	2822.4
		D32	KG	122.4	122.4	244.8
	TOTAL	KG	31408.8	31408.8	62817.6	
	ABUTMENT	CONCRETE CLASS E	M3	146.3	146.3	293
REINFORCEMENT		D25	KG	2724.8	2724.8	5450
		D22	KG	1711.2	1711.2	3422
		D20	KG	2786.1	2776.0	5562
		D16	KG	1892.3	1907.5	3800
		D14	KG	838.0	814.9	1653
		D10	KG	84.3	82.3	167
TOTAL		KG	10036.7	10016.7	20053	
LEAN CONCRETE CLASS G		M3	3.9	3.9	8	
BLINDING STONE		M3	7.7	7.7	15	
EXCAVATION	M3	486.8	461.7	948		
FILLING	M3	392.9	367.8	761		
B- APPROACH SLAB						
	CONCRETE CLASS E	M3	12.1	12.1	24	
	LEAN CONCRETE CLASS G	M3	3.7	3.7	7	
	ASPHANTIC JOINT FILLER T=20MM	M3	0.1	0.1	0.2	
	REINFORCEMENT	D20	KG	938.1	938.1	1876
		D16	KG	975.5	965.3	1941
		D10	KG	69.4	69.4	139
		TOTAL	KG	1983.0	1972.8	3956
	C- SLOPE PROTECTION					
	STONE MASONRY T=300MM	M3	231.3	139.9	371	
	BLINDING AGGREGATE T=100MM	M3	77.1	46.6	124	
	GEOTEXTILE	M2	268.0	176.0	444	
	PVC PILE φ 50MM DIA., L=1000MM	M	40.0	27.5	68	
	EXCAVATION	M3	756.0	519.0	1275	
	FILLING	M3	582.0	400.0	982	
	FOOTING	WOODEN PILE L=3M	M	4763.0	3272.0	8035
BLINDING STONE		M3	6.4	6.4	13	
STONE MASONRY T=300MM		M3	28.6	28.6	57	

NOTE

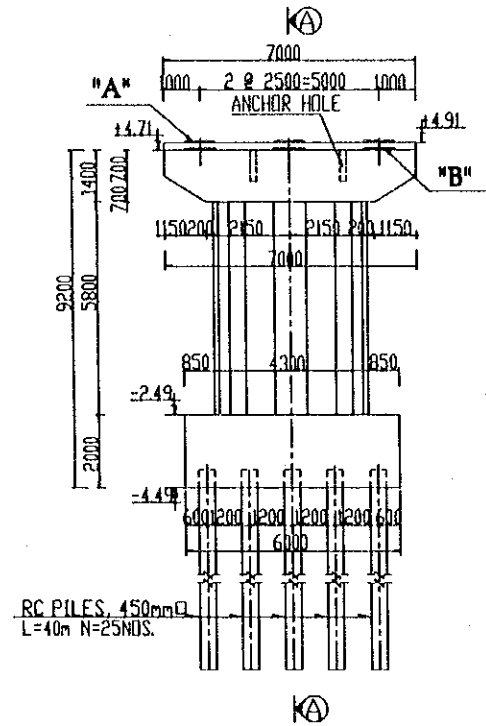
1. FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO. P3/BR9/0030

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	RAMPWAY "D" BRIDGE- INTERCHANGE 3 ABUTMENTS QUANTITY TABLE OF ABUTMENTS	P3/BR9/0400

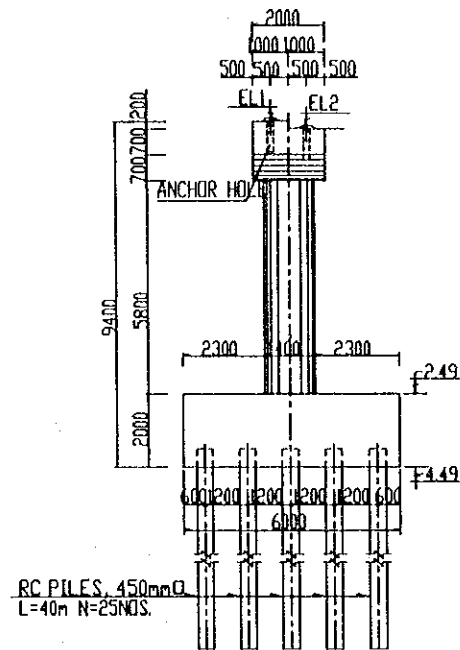
DETAILS OF PIERS

(SCALE 1:200)

PIER ELEVATION

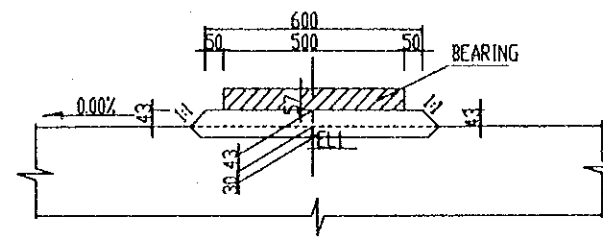


A-A



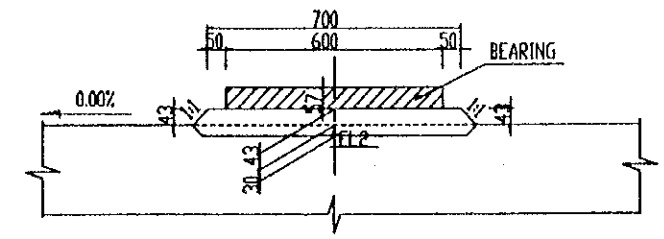
DETAIL "A"

SCALE 1:20

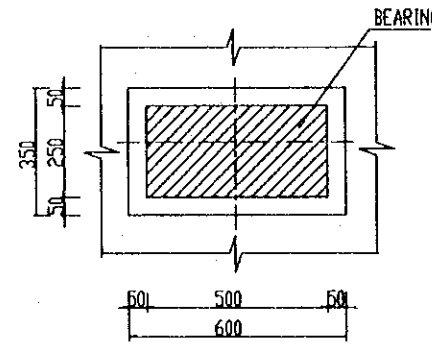


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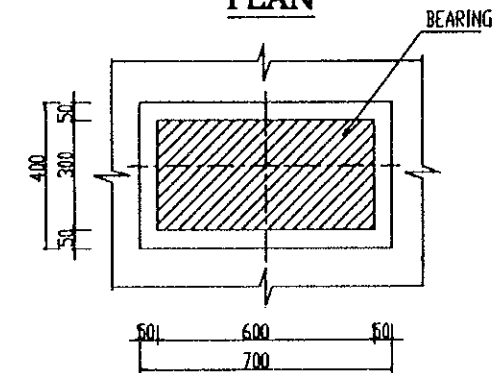
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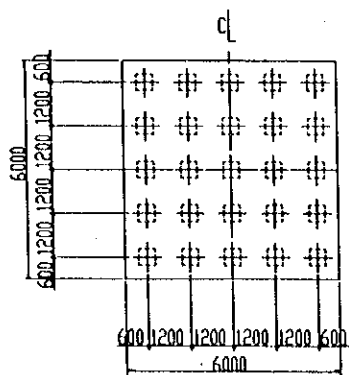
PLAN



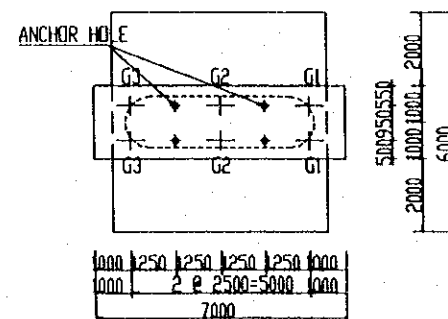
PLAN



PILE CAP-PLAN

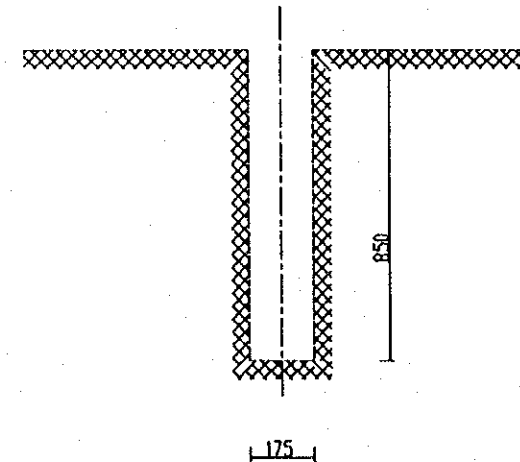


GIRDER BEARING SEAT-PLAN



DETAIL OF ANCHOR HOLE

SCALE 1:50



GIRDER BEARING SEAT ELEVATION

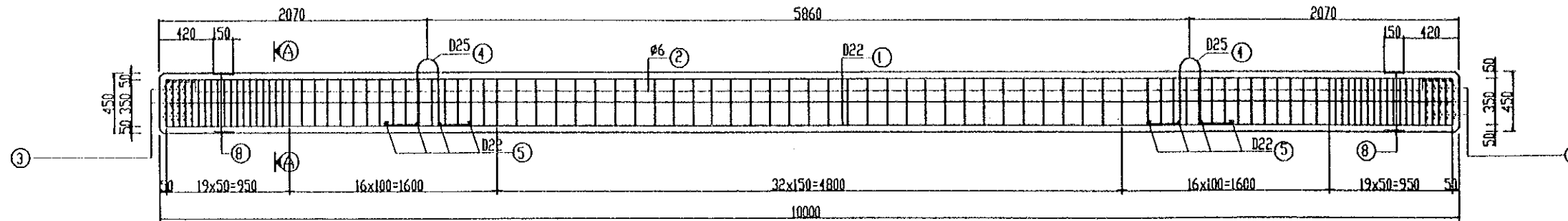
PIER TYPE	GROUT PAD			
	G1	G2	G3	
P1	EL2	4.727	4.727	4.727
	EL1	4.925	4.925	4.925
P2	EL2	4.925	4.925	4.925
	EL1	4.727	4.727	4.727

NOTES

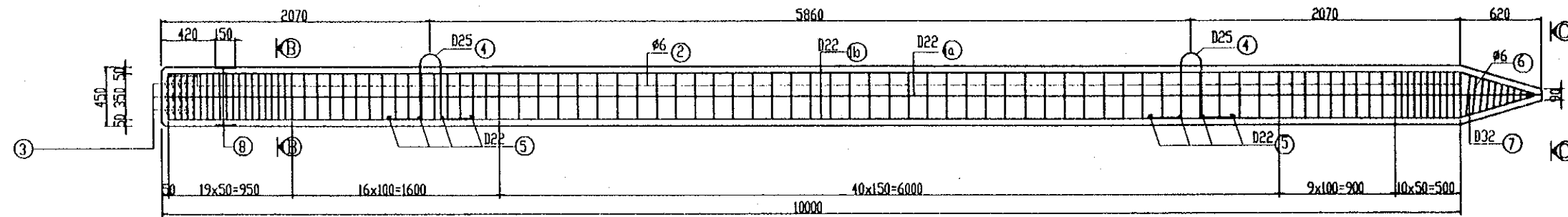
FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO.P3/BR9/0030

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 20/9/2000	K. Matsumoto 29/9/2000	K. Enomoto 5/10/2000	RAMPWAY'D*BRIDGE-INTERCHANGE 3 PIERS GENERAL OF PIERS P1&P2	P3/BR9/0410

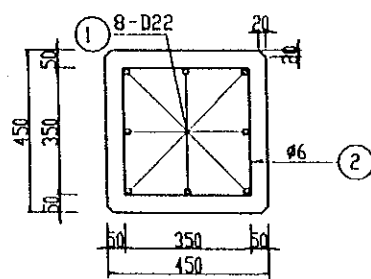
R.C.PILE-1 L=10M
SCALE 1:40



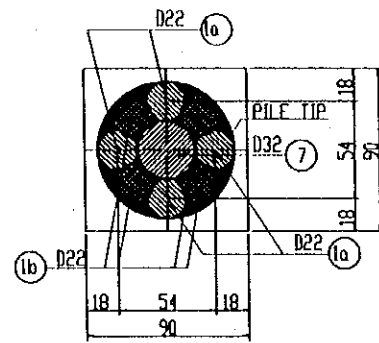
R.C.PILE-2 L=10M
SCALE 1:40



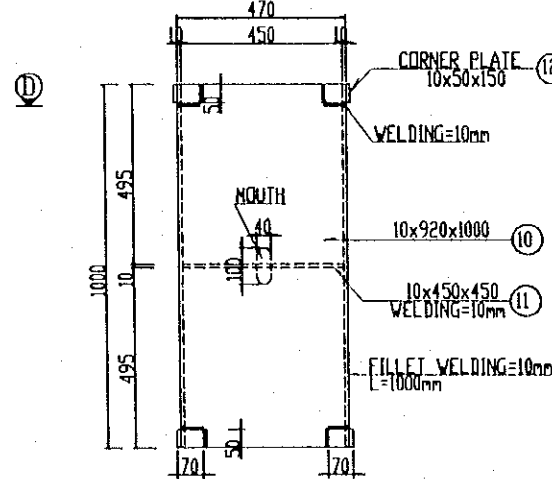
A-A
SCALE 1:20



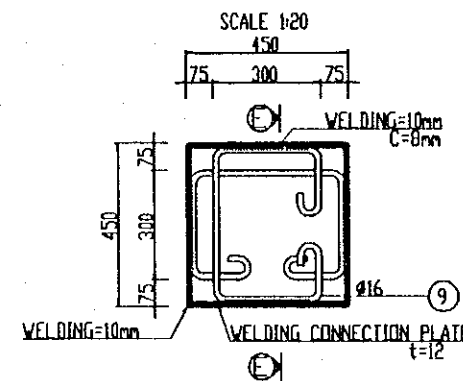
C-C
SCALE 1:4



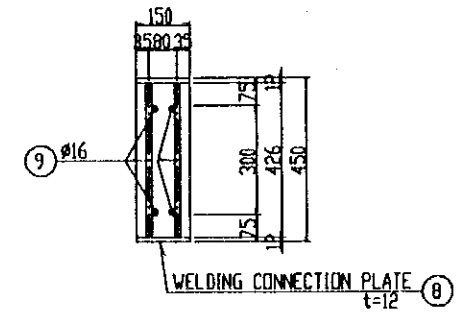
CONPLING BOX
SCALE 1:20



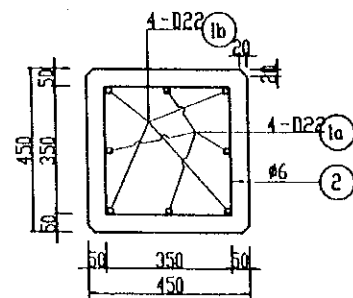
WELDING CONNECTION PLATE
SCALE 1:20



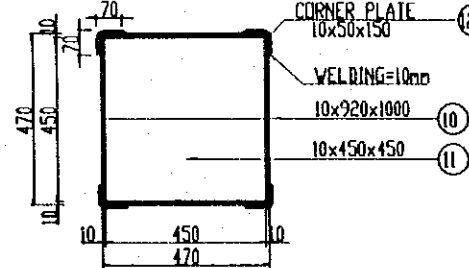
E-E
SCALE 1:20



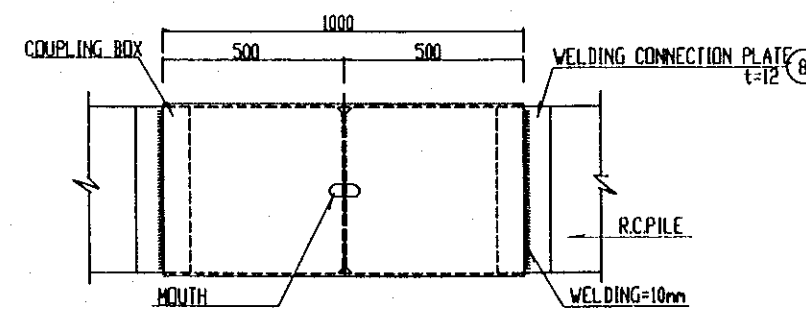
B-B
SCALE 1:20



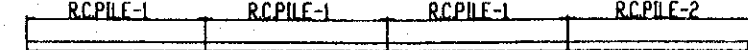
D-D
SCALE 1:20



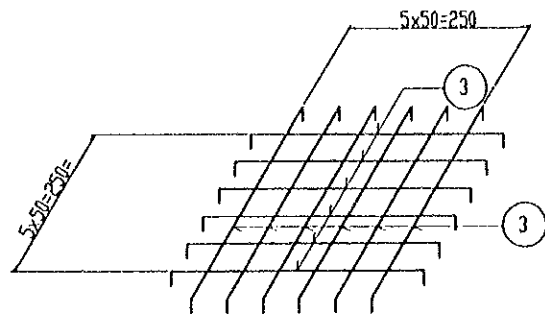
ELEVATION
SCALE 1:20



MARKING

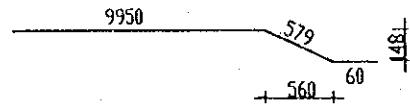


PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM	PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	(NK) NIPPON KOEI CO.,LTD.	T. Kametani	K. Matsumoto	K. Enomoto	RAMPWAY'D*BRIDGE-INTERCHANGE 3 PIERS PIERS P1&P2-RC PILE 450-L=40.0m-SHEET 1	P3/B29/0420
				SIGNATURE	SIGNATURE	SIGNATURE		
				DATE	DATE	DATE		

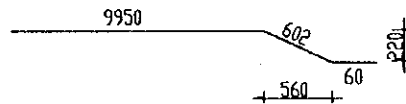


① D22, L=9900
9900

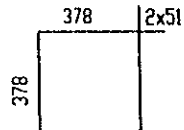
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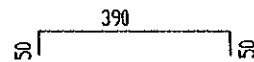
①b D22, L=10612



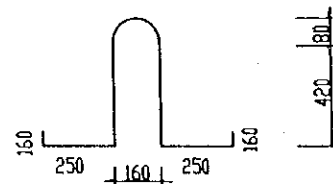
② Ø 6, L=1614



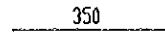
③ Ø 6, L=490



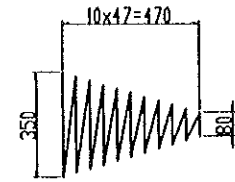
④ D25, L=1911



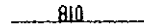
⑤ D22, L=350



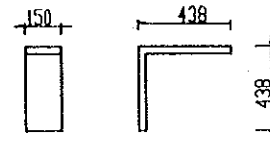
⑥ Ø 6, L=9460



⑦ D32, L=810



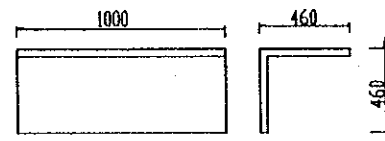
⑧ 12x150x876



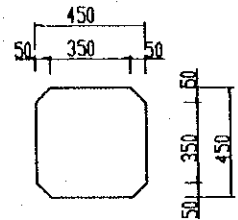
⑨ Ø16, L=1508



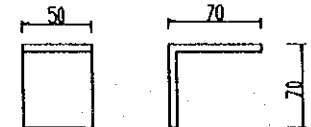
⑩ 10x920x1000



⑪ 10x450x450



⑫ 10x150x50



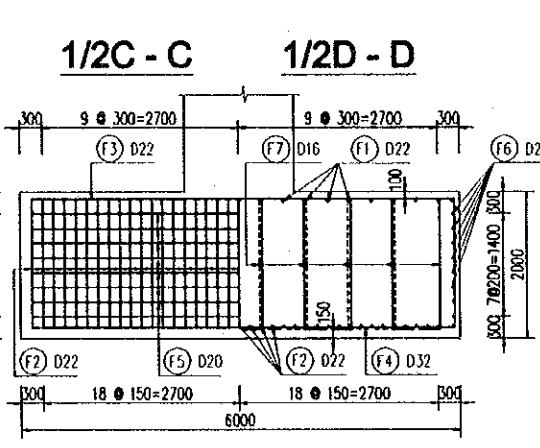
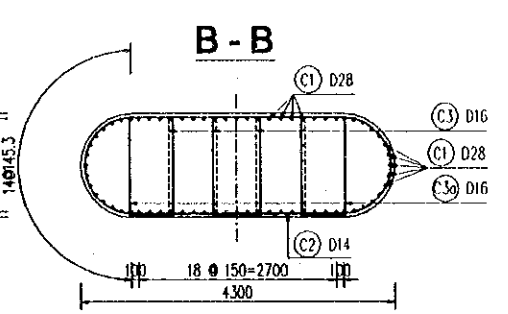
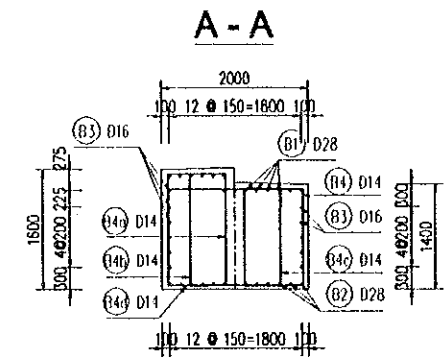
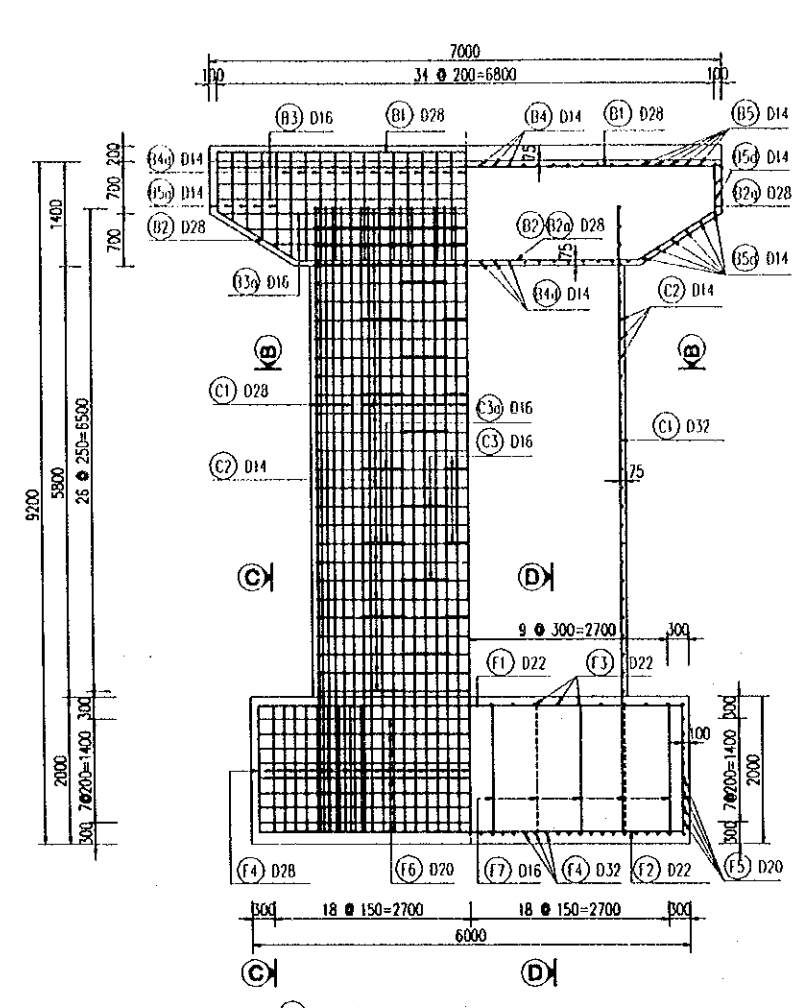
LIST OF REINFORCEMENT

	SIGN	DIACETER mm	UNIT WEIGHT kg/m	LENGTH mm	NOS.	TOTAL LENGTH m	TOTAL WEIGHT kg	
R.C.PILE-1 10M	1	22	2.984	9900	8	79.2	236.0	
	2	6	0.222	1614	95	153.33	34.0	
	3	6	0.222	490	120	44.6	13.1	
	4	25	3.853	1911	2	3.82	14.7	
	5	22	2.625	350	8	2.80	8.3	
	8	12x150x876	12.378		2		24.8	
	9	16	1.579	1508	8	12.06	19.0	
	1. TOTAL					349.9	kg	
	Ø6					47.1	kg	
	D16					19.0	kg	
D22					244.3	kg		
D25					14.7	kg		
12x150x876					24.8	kg		
2. CONCRETE M300					2.0	m ³		
R.C.PILE-2 10M	1a	22	2.984	10589	4	42.36	126.4	
	1b	22	2.984	10612	4	42.45	126.8	
	2	6	0.222	1614	95	153.33	34.0	
	3	6	0.222	490	60	29.40	6.5	
	4	25	3.853	1911	2	3.82	14.7	
	5	22	2.984	350	8	2.80	8.3	
	6	6	0.222	9460	1	9.46	2.1	
	7	32	6.313	810	1	0.81	5.1	
	8	12x150x876	12.378		2		24.8	
	9	16	1.579	1508	4	6.03	9.5	
1. TOTAL					358.2	kg		
Ø6					42.6	kg		
D16					9.5	kg		
D22					261.5	kg		
D25					14.7	kg		
D32					5.1	kg		
12x150x876					24.8	kg		
2. CONCRETE M300					2.0	m ³		
COUPLING BOX	10	10x920x1000	72.220		2		144.4	
	11	10x450x450	15.896		1		15.9	
	12	10x50x150	0.589		8		4.7	
	TOTAL							165.0

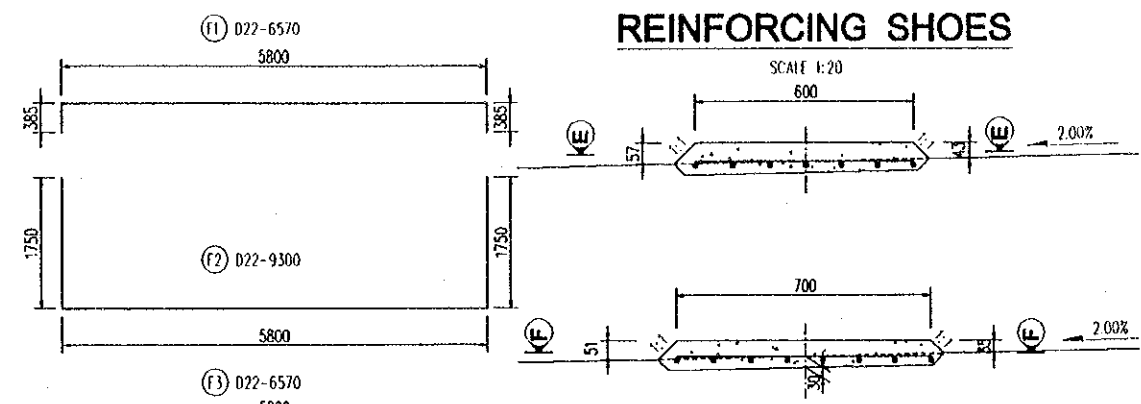
PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM	PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN 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	RAMPWAY'D*BRIDGE-INTERCHANGE 3 PIERS PIERS P1&P2-RC PILEU450-L=40.0m-SHEET 2	P3/BR9/0430

BAR ARRANGEMENT OF PIER

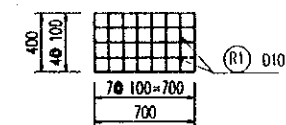
(SCALE 1:100)



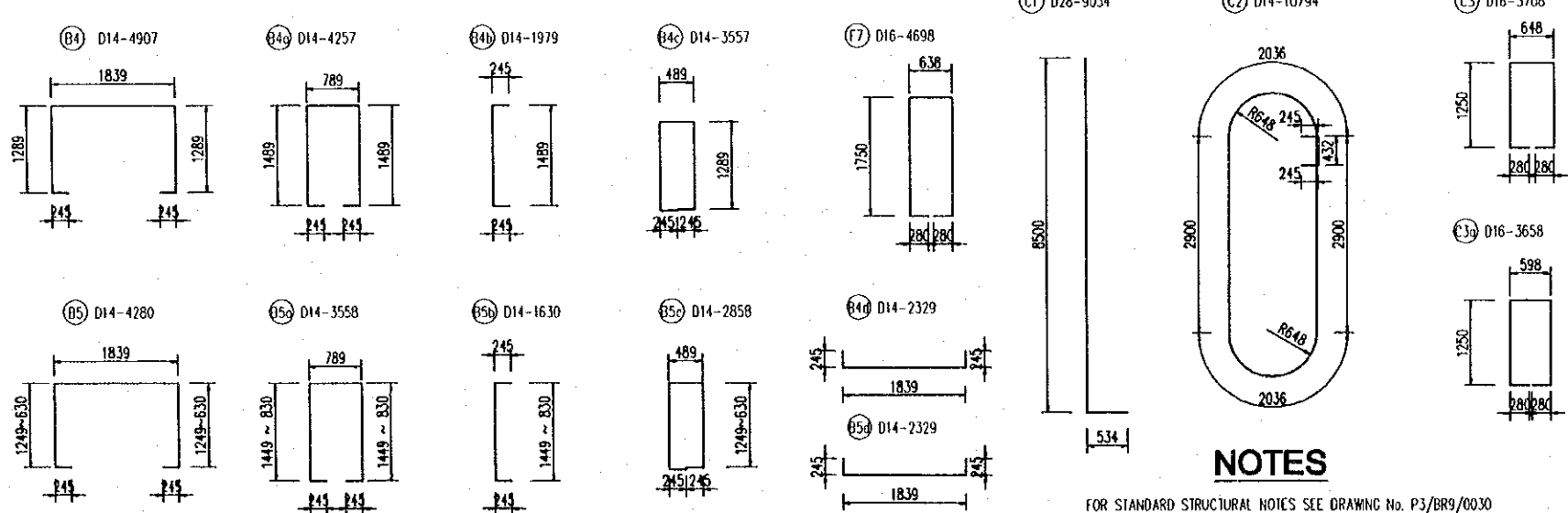
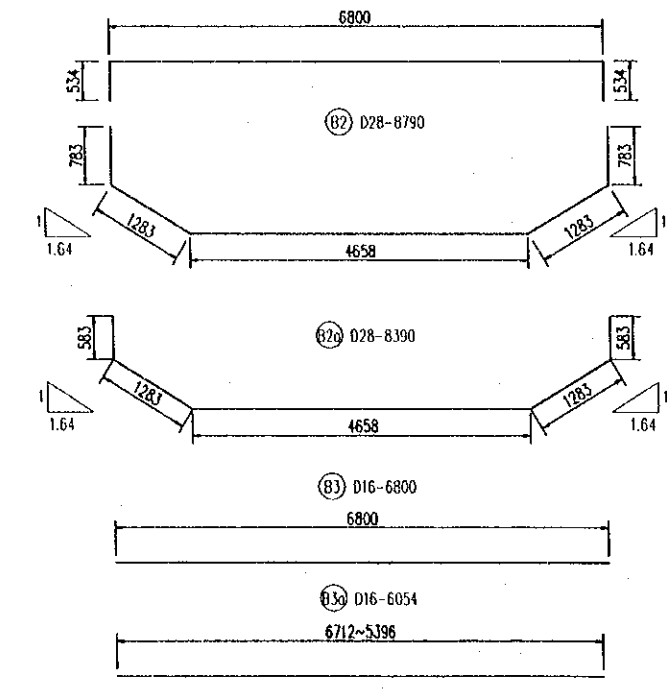
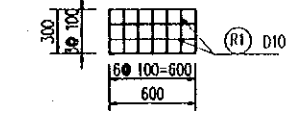
REINFORCING SHOES



E-E (SCALE 1:50)



F-F (SCALE 1:50)



NOTES

FOR STANDARD STRUCTURAL NOTES SEE DRAWING No. P3/BR9/0030

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 T. Kametani	CHECKED BY K. Matsumoto	APPROVED BY K. Enomoto	DRAWING TITLE RAMPWAY "D" BRIDGE- INTERCHANGE3 PIERS REINFORCEMENT OF PIERS P1& P2-SHEET 1	DWG NO. P3/BR9/0440
				NAME T. Kametani	NAME K. Matsumoto	NAME K. Enomoto		
				SIGNATURE	SIGNATURE	SIGNATURE		
				DATE 20/9/2000	DATE 29/9/2000	DATE 5/10/2000		

LIST OF REINFORCEMENT OF PIER P1 & P2

(FOR ONE DIRECTION)

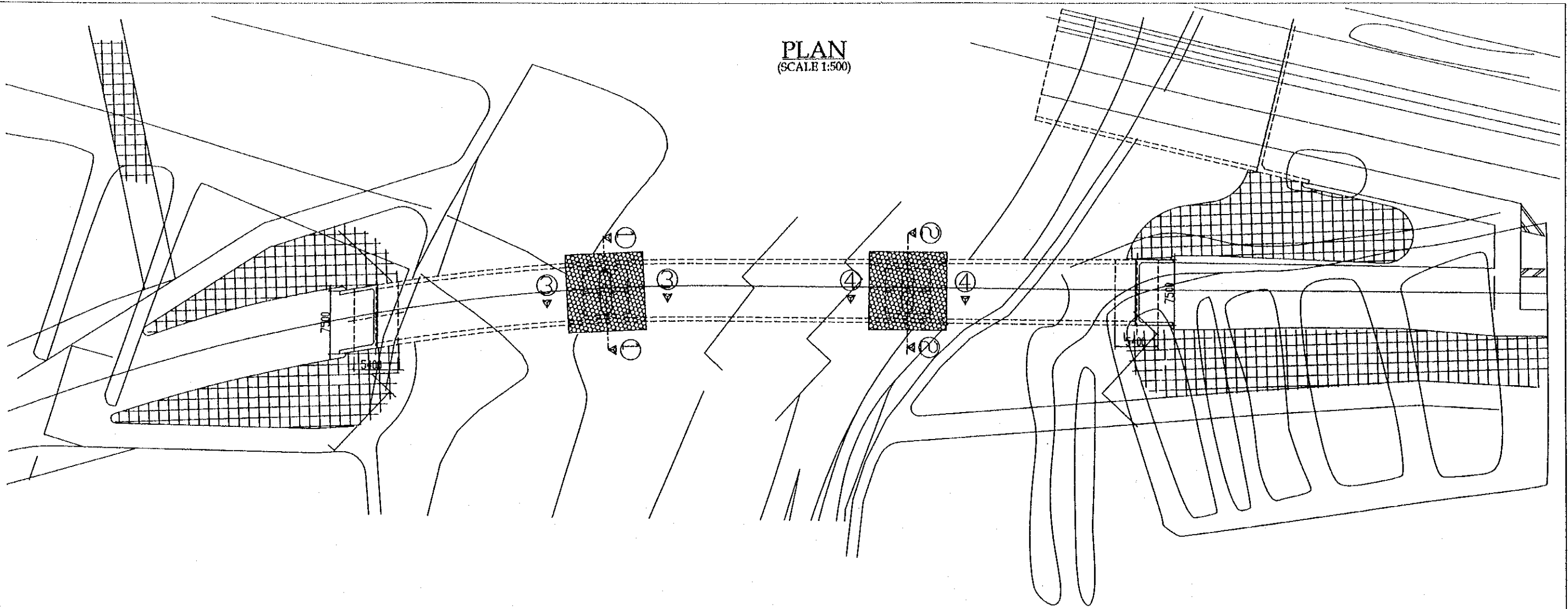
DETAIL	No	DIAMETER (mm)	LENGTH (mm)	QUANTITY	UNIT WEIGHT (Kg/m)	TOTAL STEEL (Kg)
PIER CAP	R1	10	5600	6	0.617	20.7
	B1	28	7868	14	4.834	532.5
	B2	28	8790	6	4.834	254.9
	B2A	28	8390	7	4.834	283.9
	B3	16	6800	5	1.578	53.7
	B3A	16	6054	6	1.578	57.3
	B4	14	4907	23	1.208	136.3
	B4A	14	4257	23	1.208	118.3
	B4B	14	1979	23	1.208	55.0
	B4C	14	3557	23	1.208	98.8
	B4D	14	2329	23	1.208	64.7
	B5	14	4280	12	1.208	62.0
	B5A	14	3558	12	1.208	51.6
	B5B	14	1630	12	1.208	23.6
	B5C	14	2858	12	1.208	41.4
	B5D	14	2329	16	1.208	45.0
COLUMN	C1	28	9034	68	4.834	2969.6
	C2	14	10794	27	1.208	352.1
	C3	16	3708	18	1.578	105.3
	C3A	16	3658	12	1.578	69.3
FOOTING	F1	22	6570	21	2.984	411.7
	F2	22	9300	39	2.984	1082.3
	F3	22	6570	21	2.984	411.7
	F4	32	9300	39	6.313	2289.7
	F5	20	5800	16	2.466	228.8
	F6	20	6500	16	2.466	256.5
	F7	16	4698	45	1.578	333.6
TOTAL	D10		20.7	(Kg)		
	D14		1048.8	(Kg)		
	D16		619.2	(Kg)		
	D20		485.3	(Kg)		
	D22		1905.7	(Kg)		
	D28		4040.9	(Kg)		
	D32		2289.7	(Kg)		
	TOTAL		10410.3	(Kg)		

NOTES

FOR STANDARD STRUCTURAL NOTES SEE DRAWING No. P3/BR9/0030

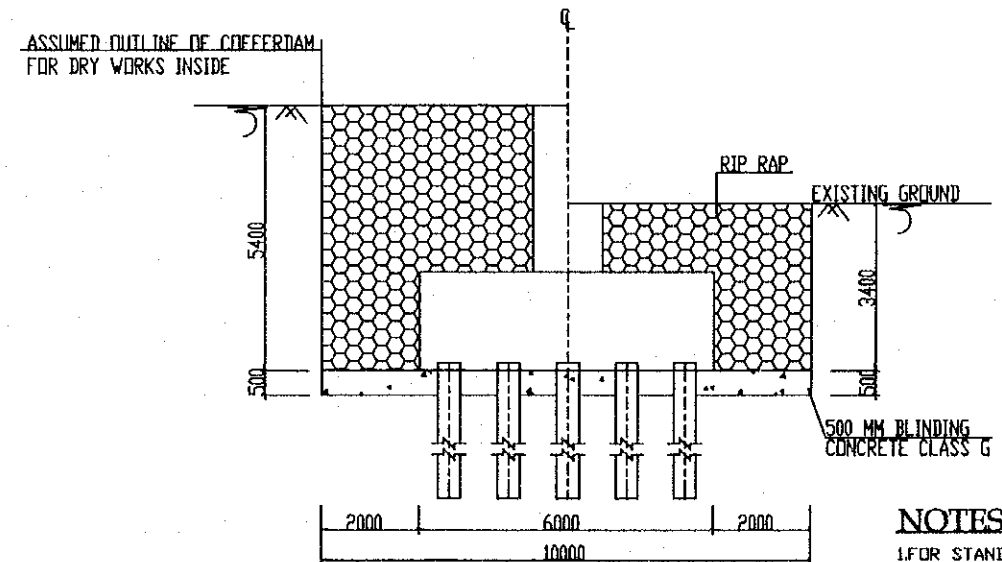
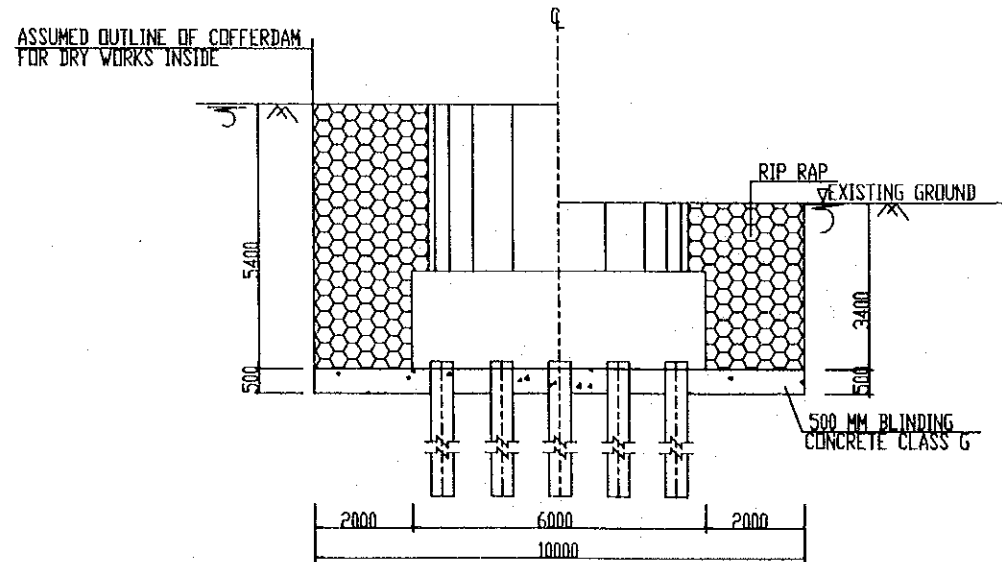
PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM		PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	NIPPON KOEI CO.,LTD.		T. Kametani	K. Matsumoto	K. Enomoto	RAMPWAY "D" BRIDGE- INTERCHANGES PIERS REINFORCEMENT OF PIERS P1& P2-SHEET 2	P3/BR9/0450
					SIGNATURE	SIGNATURE	SIGNATURE		
					20/9/2000	29/9/2000	5/10/2000		

PLAN
(SCALE 1:500)



HALF SECTION 1-1 HALF SECTION 2-2
(SCALE 1:150)

HALF SECTION 3-3 HALF SECTION 4-4
(SCALE 1:150)



NOTES

- 1.FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO. P3/BR9/0030.
- 2.BLINDING CONCRETE CLASS G: 95.5M³
- 3.RIP RAP: 704.6M³



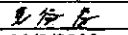
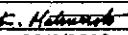
PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM	PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	(NK) NIPPON KOEI CO.,LTD.	NAME: T. Kametani SIGNATURE: <i>T. Kametani</i> DATE: 20/9/2000	K. Matsumoto <i>K. Matsumoto</i> 29/9/2000	K. Enomoto <i>K. Enomoto</i> 5/10/2000	RAMPWAY "D" BRIDGE-INTERCHANGE 3 PIERS PROTECTION	P3/BR9/0460

QUANTITY TABLE OF PIERS

ITEMS		UNIT	PIER 1	PIER 2	TOTAL	
PILE	NUMBER OF PILES	PILE	25	25	50	
	TOTAL LENGTH RC PILES □ 4500mm	m	1000.0	1000.0	2000.0	
	CONCRETE PILES CLASS D	m ³	195.2	195.2	390.4	
	EXCAVATION					
	REINFORCEMENT	φ 6	kg	4597.5	4597.5	9195.0
		D16	kg	1662.5	1662.5	3325.0
		D22	kg	27810.0	27810.0	55620.0
		D25	kg	1470.0	1470.0	2940.0
		D32	kg	127.5	127.5	255.0
	TOTAL	kg	35667.5	35667.5	71335.0	
PIERS	CONCRETE CLASS E	m ³	123.4	123.4	246.8	
	REINFORCEMENT	D10	kg	20.7	20.7	41.4
		D14	kg	1048.8	1048.8	2097.6
		D16	kg	619.2	619.2	1238.4
		D20	kg	485.3	485.3	970.6
		D22	kg	1905.7	1905.7	3811.4
		D28	kg	4040.9	4040.9	8081.8
		D32	kg	2289.7	2289.7	4579.4
		TOTAL	kg	10410.3	10410.3	20820.6
	EARTH WORK	EXCAVATION FOR FOUNDATION	m ³	563.3	372.4	935.7
		BLINDING CONCRETE CLASS G	m ³	47.7	47.7	95.5
		RIP RAP	m ³	446.7	257.9	704.6
	COFFERDAMS	SHEET PILE LARSEN IV	m	1248.0	1248.0	2496.0
		STEEL PILE I 400	m	288.0	288.0	576.0
		BRACE C 300	m	651.0	651.0	1302.1

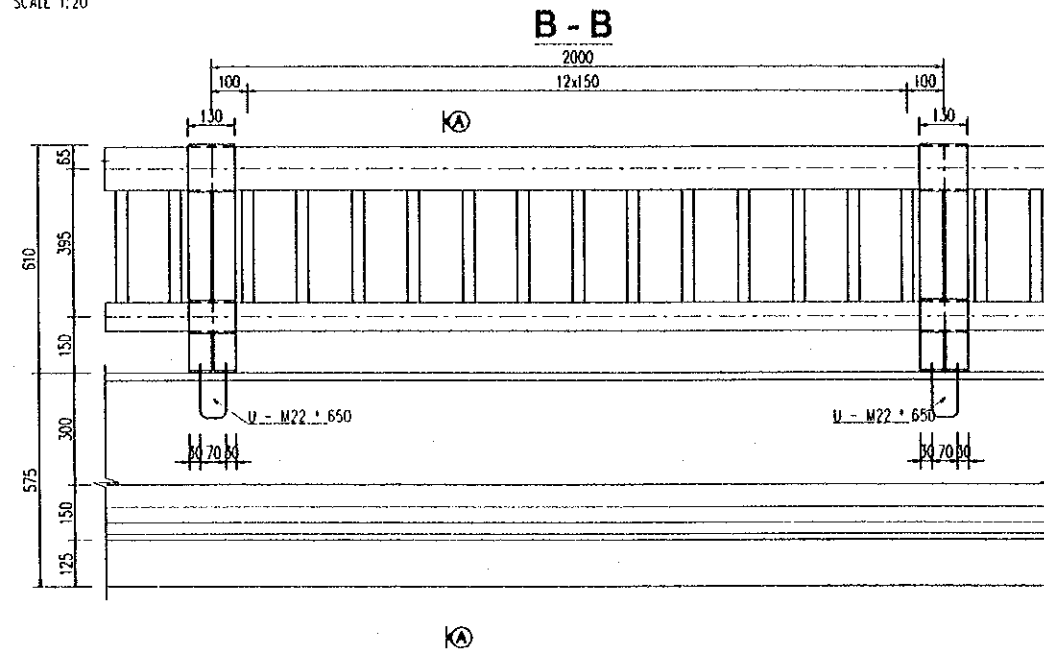
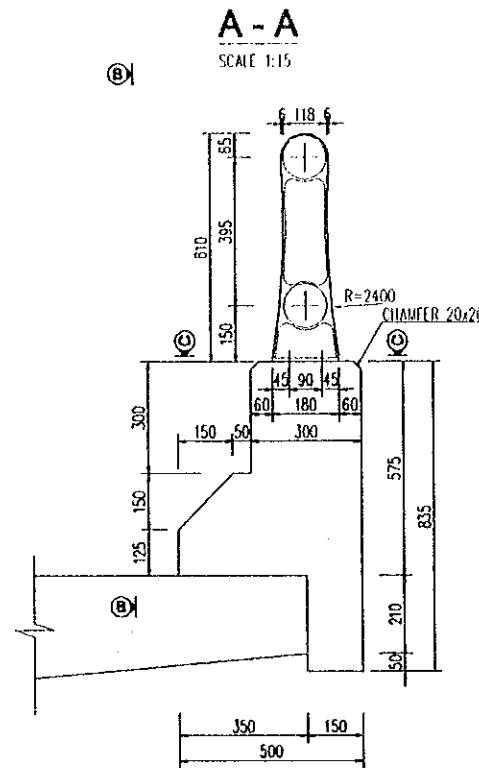
NOTES:

- 1- FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO P3/BR9/0030.
- 2- QUANTITY OF PILE CONCRETE IN THE TABLE DOES NOT INCLUDE THE VOLUME OF TRIMMING OUT OF THE PILE HEAD.

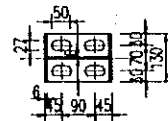
PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM	PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	 JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	 NIPPON KOEI CO.,LTD.	NAME	T. Kametani	K. Matsumoto	RAMPWAY "D" BRIDGE- INTERCHANGE3 PIERS QUANTITY TABLE OF PIERS	P3/BR9/0470
				SIGNATURE				
				DATE	20/9/2000	29/9/2000		

DETAIL OF PARAPET AND RAILING

SCALE 1:20



C - C

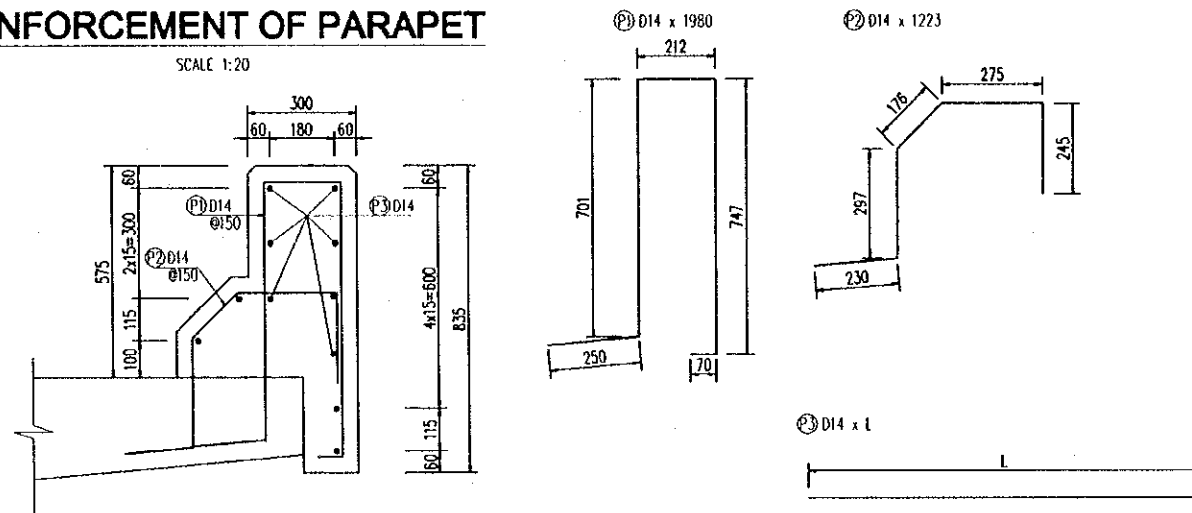


NOTES:

1. FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO. P3/BR9/0030.
2. UNLESS OTHERWISE NOTED, ALL STRUCTURAL STEEL SHALL BE HOT DIPPED GALVANIZED 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	
ANCHOR BOLT	M22. 650	SS-400	2.9	20	EACH	58.0	
VERTICAL MEMBER	F06*32*300	SS-400	2.09	65	EACH	135.9	

LIST OF REINFORCEMENT OF PARAPET (PER 10M LONG)

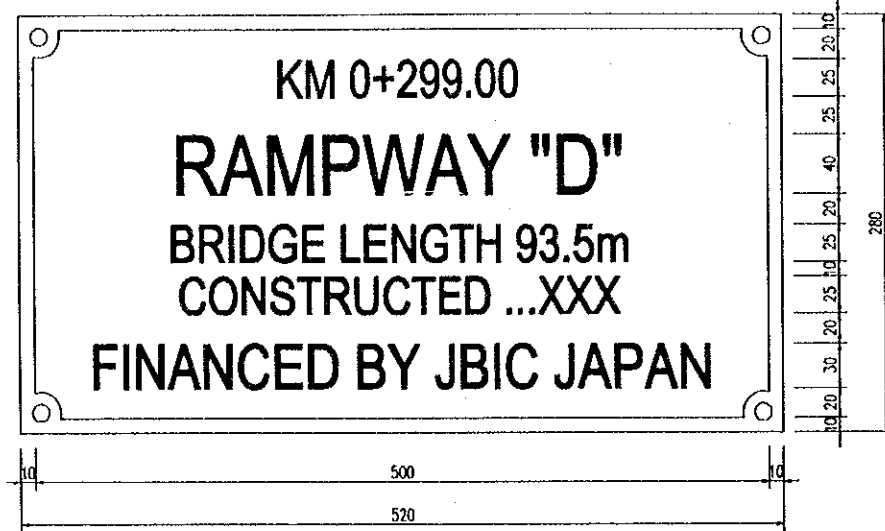
NAME	DIAMETER (mm)	LENGTH (mm)	NUMBER	U. WEIGHT (kg/m)	WEIGHT (kg)
P1	14	1980	68	1,208	162.7
P2	14	1223	68	1,208	100.5
P3	14	10000	11	1,208	132.9
D14 CONCRETE				396.1	(kg)
				2.55	m3

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. Karatani SIGNATURE: <i>T. Karatani</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	RAMPWAY "D" BRIDGE - INTERCHANGE 3 MISCELLANEOUS DETAILS OF PARAPET AND RAILINGS	P3/BR9/0480

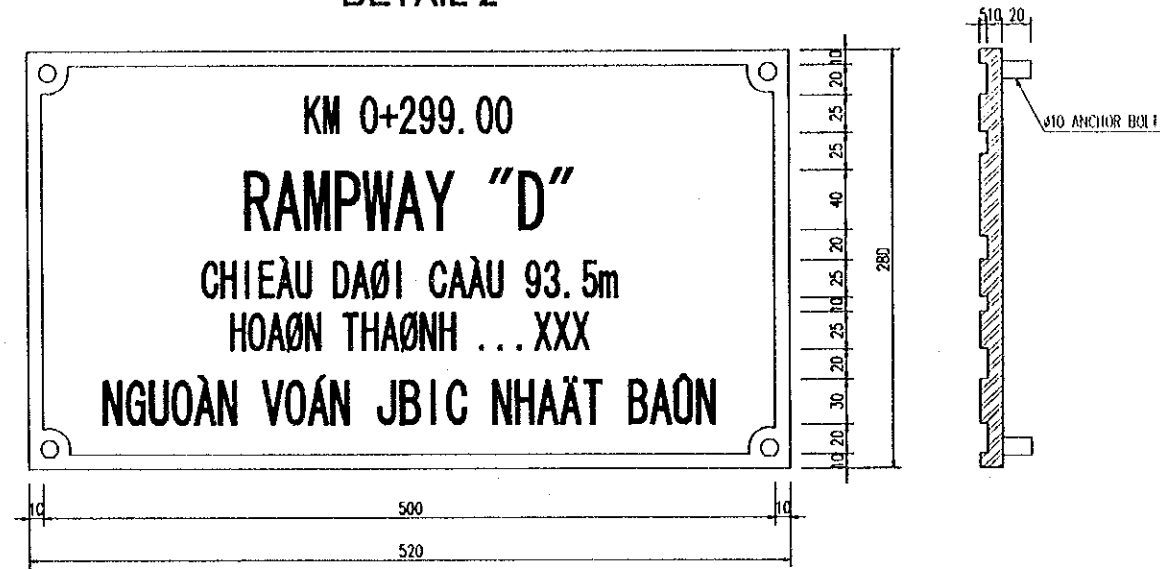
DETAIL OF BRIDGE NAME PLAQUE

SCALE 1:5

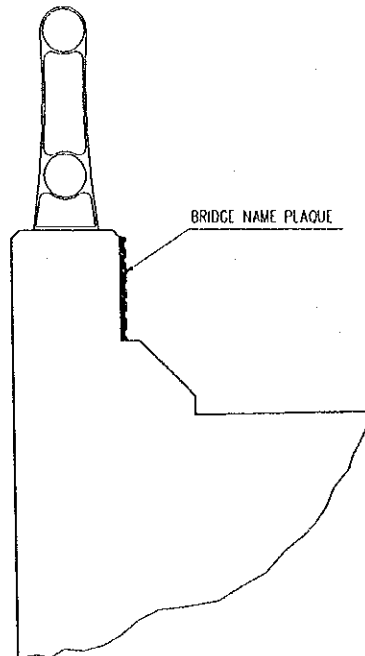
DETAIL 1



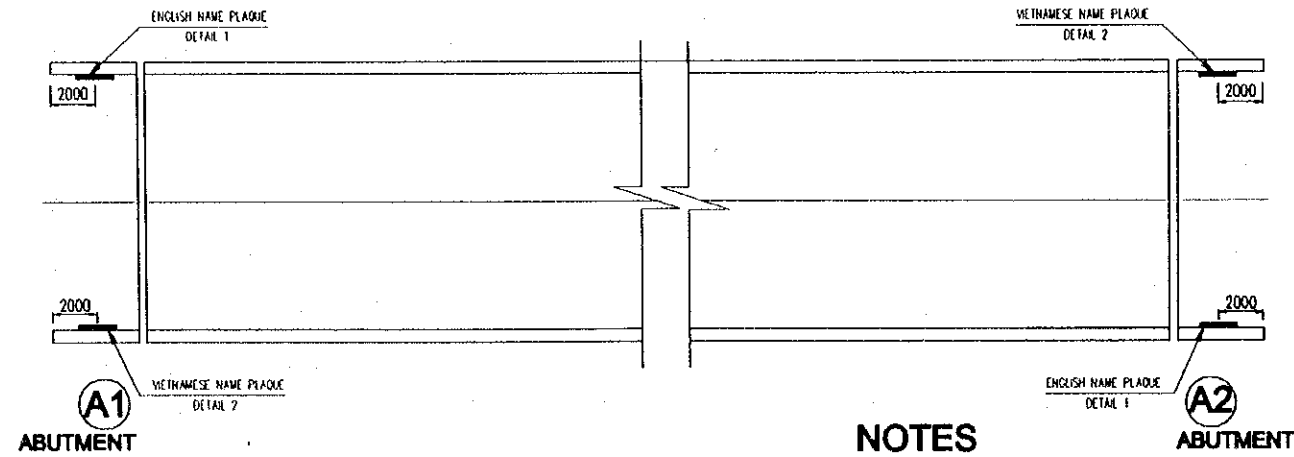
DETAIL 2



LOCATION OF NAME PLAQUE



PLAN



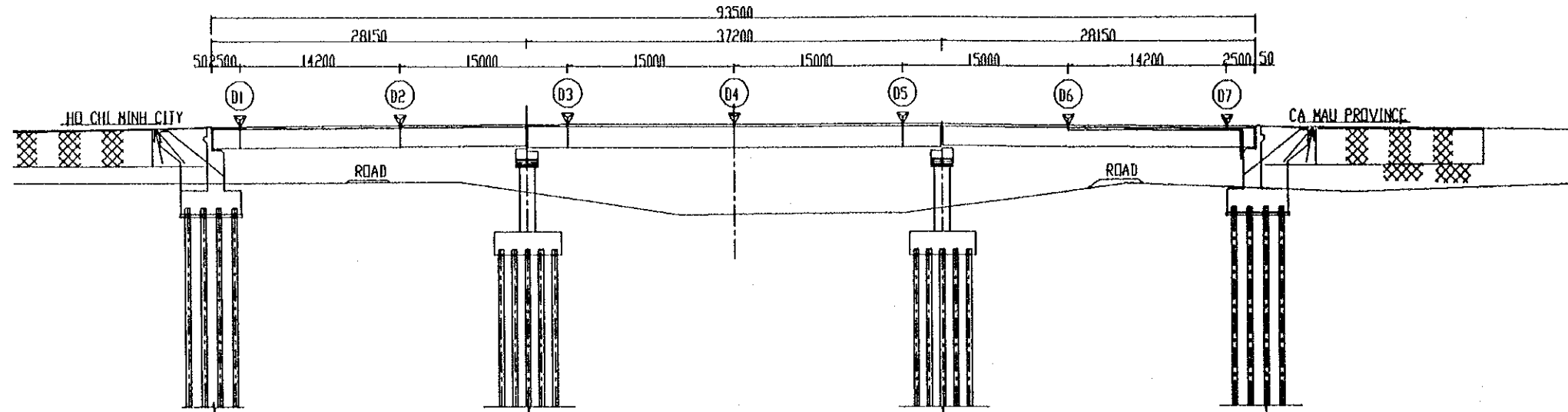
NOTES

1. FOR STANDARD STRUCTURAL NOTES SEE DRAWING No.BR13/0030.
2. MATERIAL SHALL BE BRONZE.
3. THE DATE TO BE ENTERED AGAINST CONSTRUCTED SHALL BE AS INSTRUCTED BY THE ENGINEER.
4. ONE PLATE SHALL BE MADE 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 KOBİ CO.,LTD.	NAME T. Kametani SIGNATURE DATE 20/9/2000	K. Matsumoto K. Matsumoto 29/9/2000	K. Enomoto K. Enomoto 5/10/2000	RAMPWAY "D" BRIDGE - INTERCHANGE 3 MISCELLANEOUS BRIDGE NAME PLAQUE	P3/BR9/0490

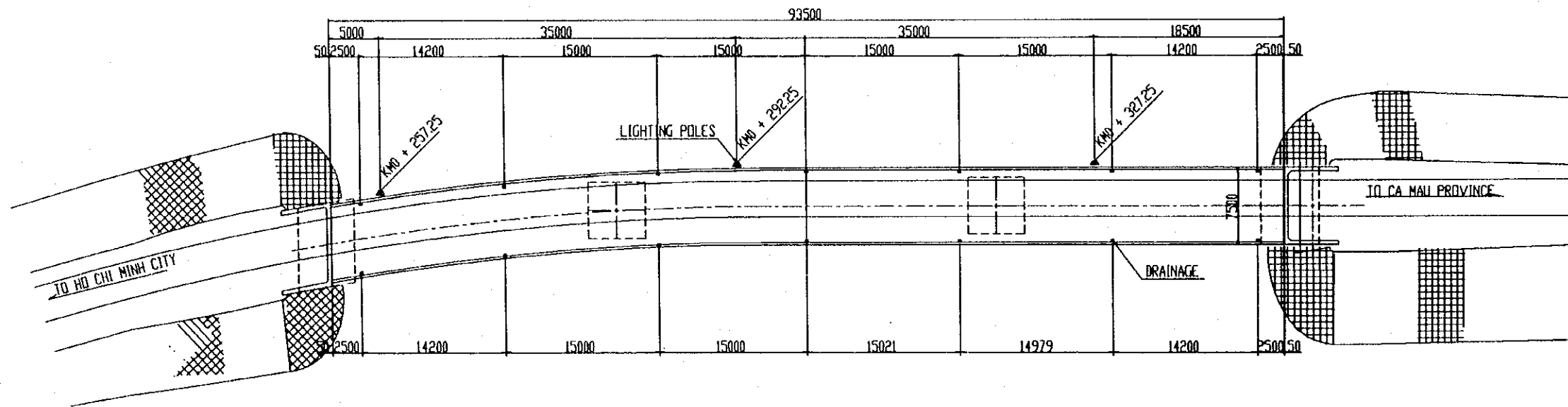
DRAINAGE AND LIGHTING POLES LAYOUT ELEVATION

(SCALE 1:500)



PLAN

(SCALE 1:500)



1. FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO P3/BR9/0030

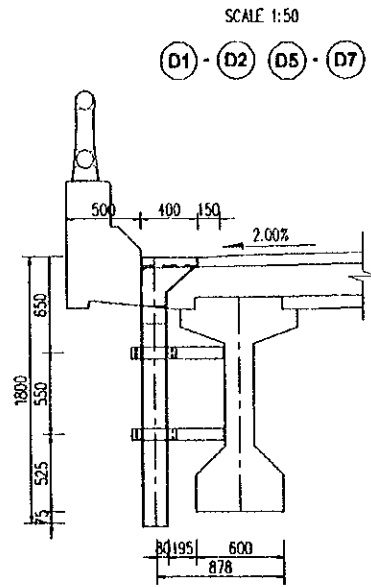
2. SYMBOL :

- ▲ : LIGHTING POLES
- : DRAINAGE

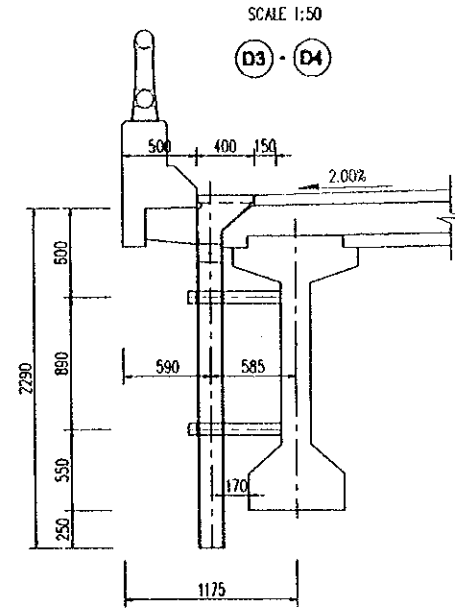
PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM	PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN 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	RAMPWAY D BRIDGE-INTERCHANGE 3 MISCELLANEOUS DRAINAGE AND LIGHTING POLES LAYOUT	P3/BR9/0500

DETAILS OF DRAINAGE ON BRIDGE

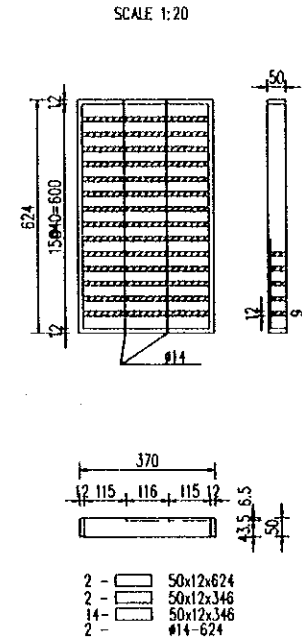
DRAINAGE TYPE A



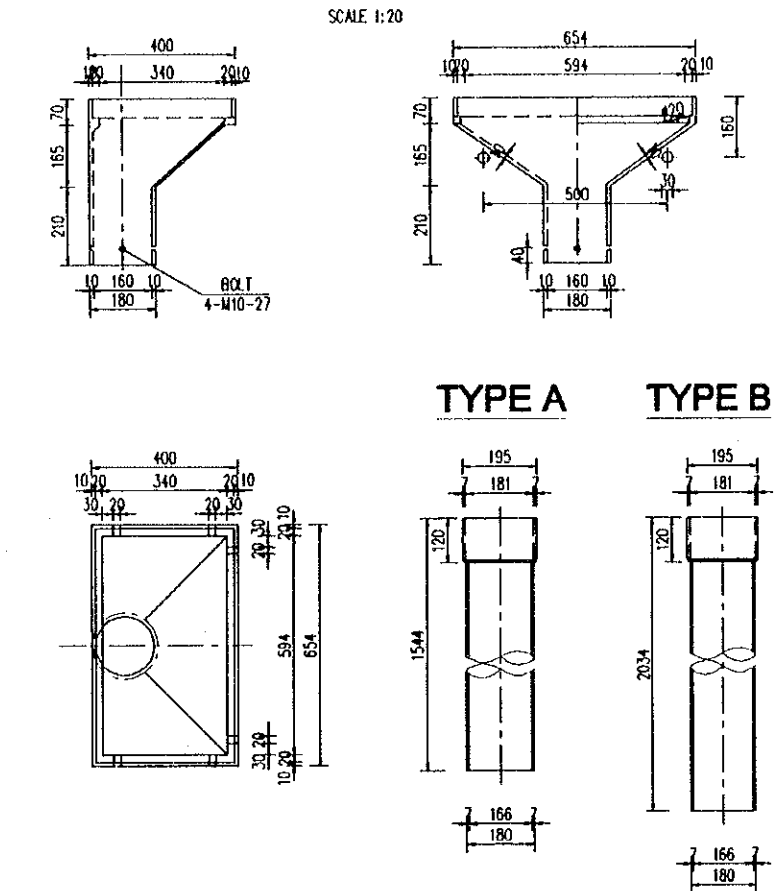
DRAINAGE TYPE B



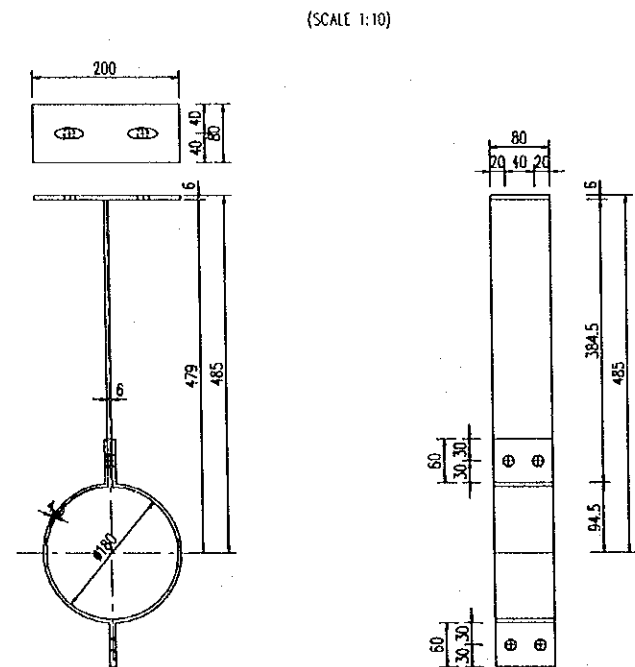
SCREEN



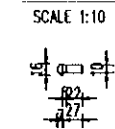
DRAIN BOX



HANGER



BOLT



NOTES

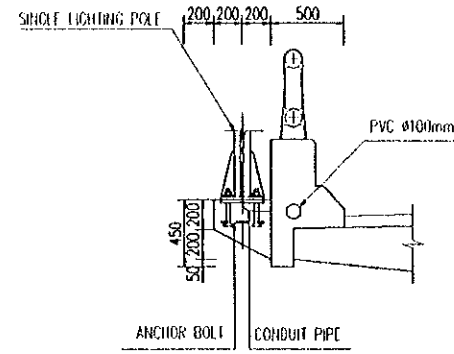
FOR STANDARD STRUCTURAL NOTES SEE DRAWING P3/BR9/0030.

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	RAMPWAY "D" BRIDGE - INTERCHANGE 3 MISCELLANEOUS DETAILS OF DRAINAGE ON BRIDGE	P3/BR9/0510
				NAME	DATE	DATE		
				20/9/2000	29/9/2000	5/10/2000		

DETAILS OF LIGHTING POLES' BASE

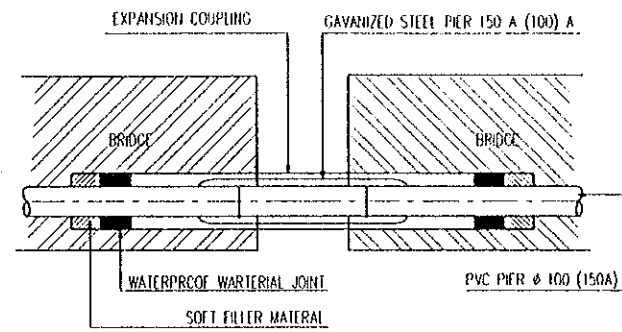
CROSS SECTION

(SCALE: 1:50)



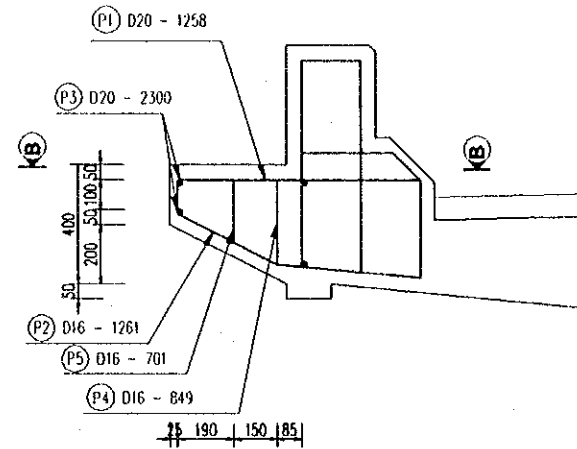
CONDUIT EXPANSION JOINT FOR BRIDGE

(SCALE 1:25)



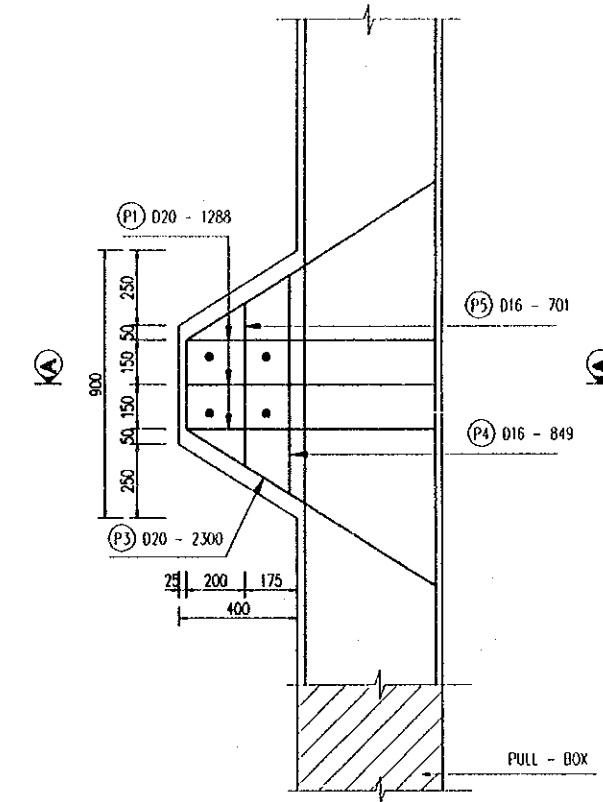
SECTION A-A

(SCALE 1:25)



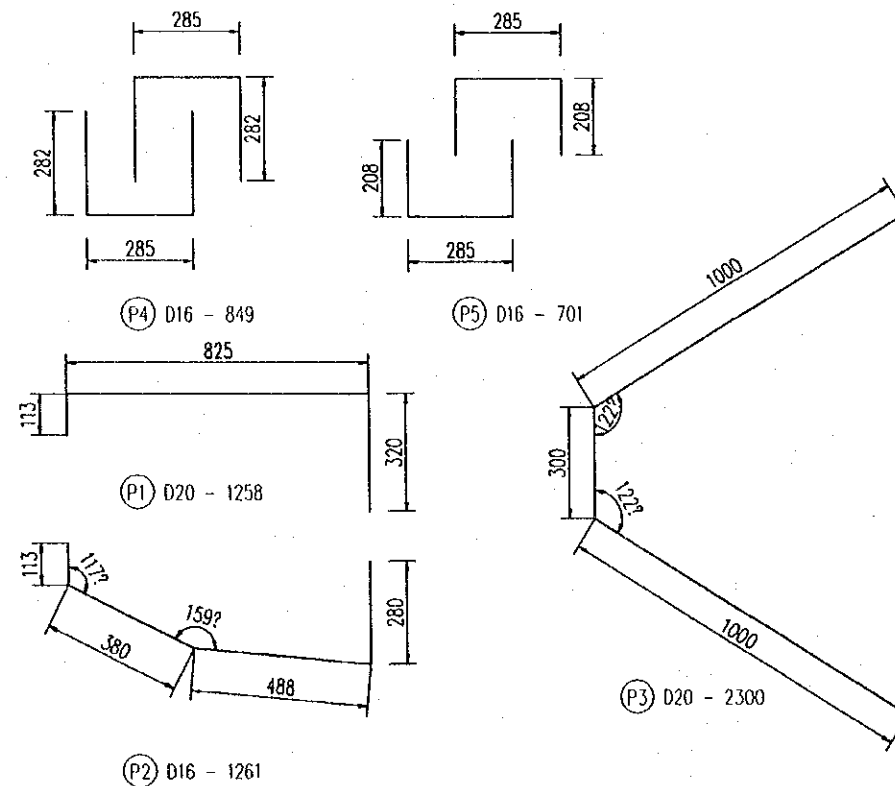
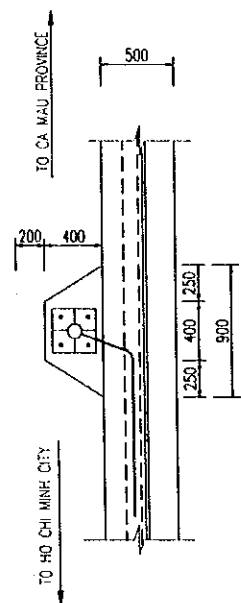
SECTION B-B

(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/BR9/0030.
- 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.	T. Kametani	K. Matsumoto	K. Enomoto	RAMPWAY "D" BRIDGE - INTERCHANGE 3 MISCELLANEOUS DETAILS OF LIGHTING POLES BASES	P3/BR9/0520
				NAME				
				SIGNATURE				
				DATE	20/9/2000	29/9/2000	5/10/2000	

QUANTITY TABLE OF MISCELLANEOUS WORKS

ITEMS		UNIT	TOTAL
PARAPET	CONCRETE CLASS E	m ³	48
	REINFORCEMENT D14	kg	7408
RAILING		m	205
LIGHTING	LIGHTING POLES	poles	3
	CONCRETE CLASS E	m ³	0.3
	REINFORCEMENT D16	kg	32.6
	REINFORCEMENT D20	kg	62.0
PVC PIPE # 100MM		m	187
DRAINAGE	DRAINAGE	set	14
	PIPE # 180MM	m	24

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	K. Matsumoto <i>K. Matsumoto</i> 29/9/2000	K. Enomoto <i>K. Enomoto</i> 5/10/2000	RAMPWAY "D" BRIDGE-INTERCHANGE 3 MISCELLANEOUS QUANTITY TABLES OF MISCELLANEOUS WORKS	P3/BR9/0530

JICA

