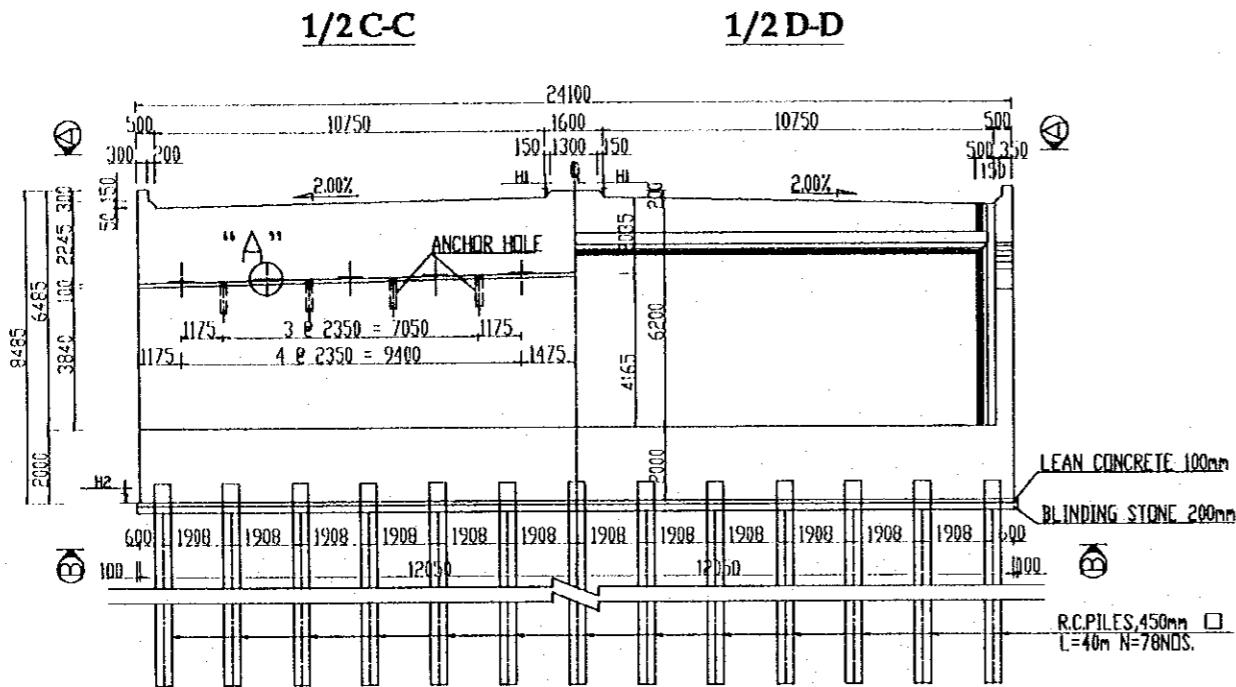


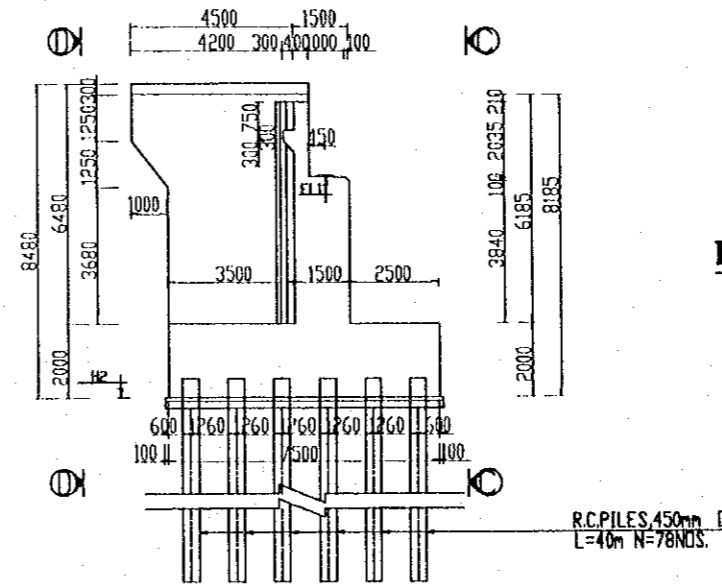
III. ABUTMENTS

DETAIL OF ABUTMENT

(SCALE 1:200)

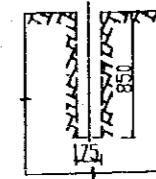


SIDE ELEVATION

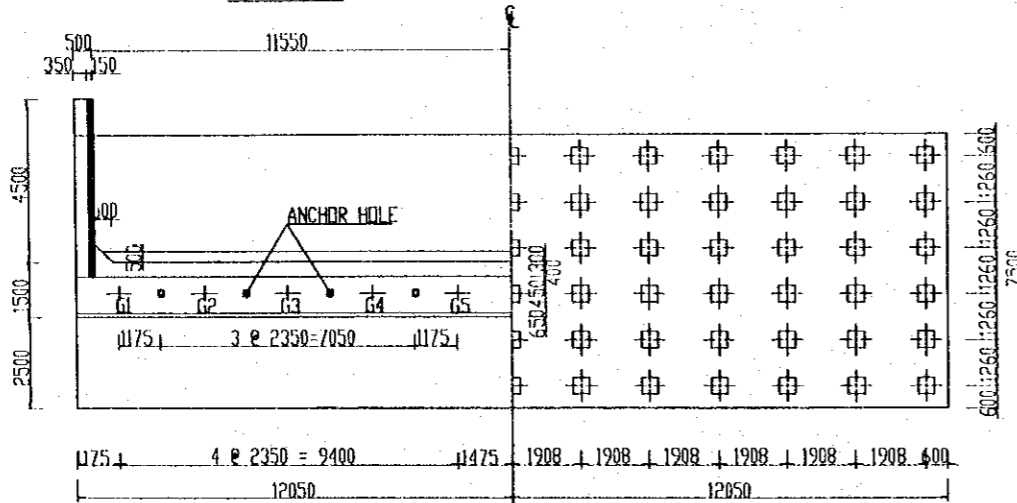


DETAIL OF ANCHOR HOLE

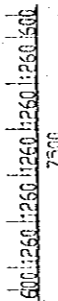
(SCALE 1:50)



1/2 A-A

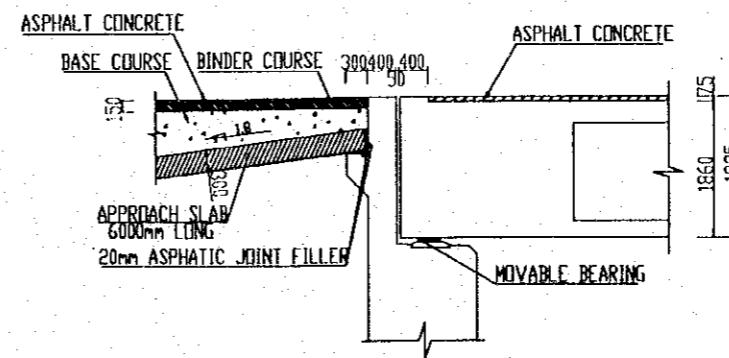


1/2 B-B



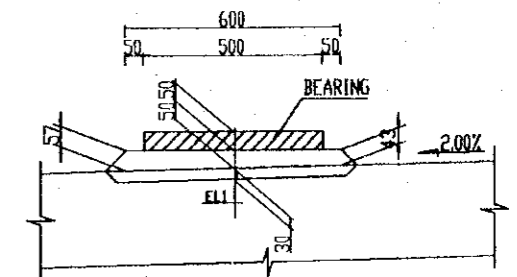
DETAIL OF BACK WALL

(SCALE 1:100)

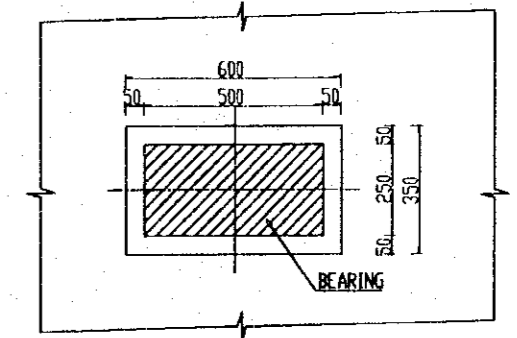


DETAIL "A"

(SCALE 1:20)



PLAN



GIRDER BEARING SEAT ELEVATION OF EL1

GROUT PAD ABUTMENT	G1	G2	G3	G4	G5
A1	+4.55	+4.60	+4.65	+4.69	+4.74
A2	+4.43	+4.48	+4.53	+4.57	+4.62

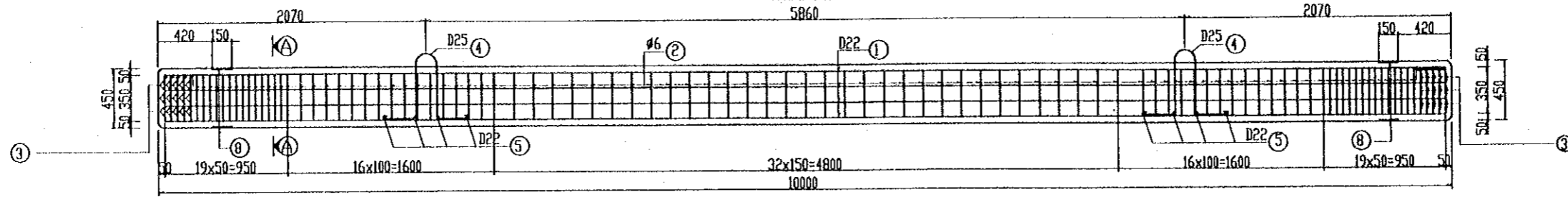
ELEVATION TABLE

ELEVATION ABUTMENT	H1	H2
A1	+6.79	-1.41
A2	+6.67	-1.53

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 KORI CO.,LTD.	T. Kametani	K. Matsumoto	K. Enomoto	CAI NAI BRIDGE ABUTMENTS GENERAL VIEW OF ABUTMENTS A1&A2	P3/005/0250

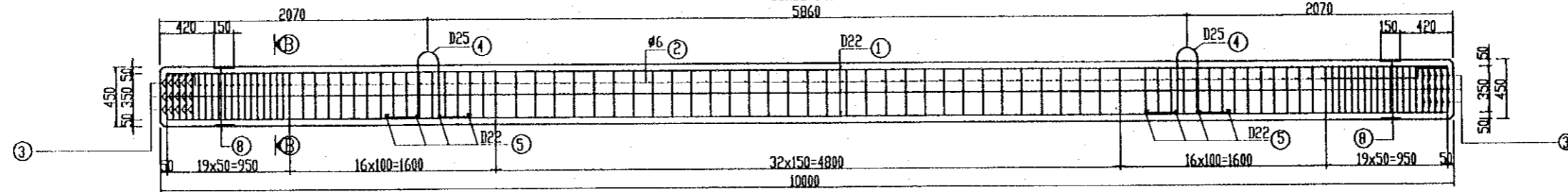
R.C.PILE-1 L=10M

SCALE 1:40
5860



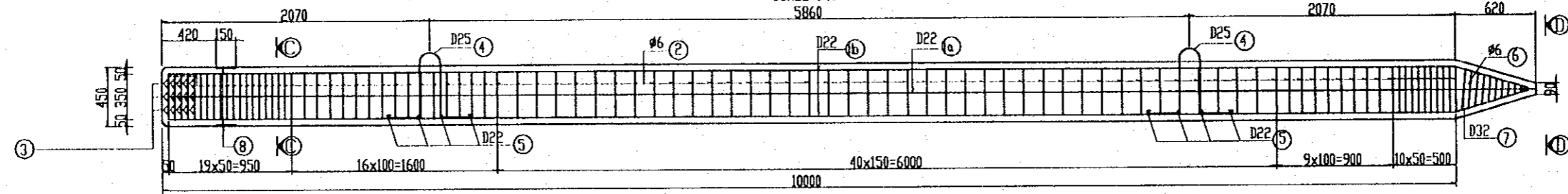
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SCALE 1:40
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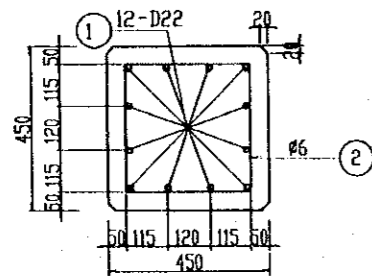
R.C.PILE-3 L=10M

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5860



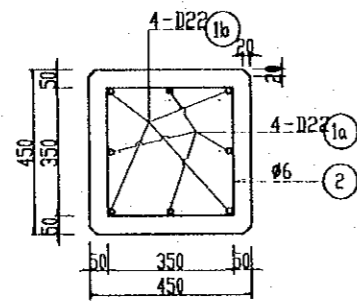
A-A

SCALE 1:20



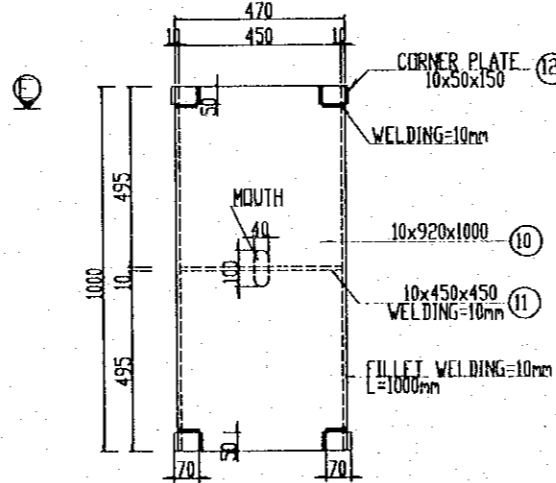
C-C

SCALE 1:20



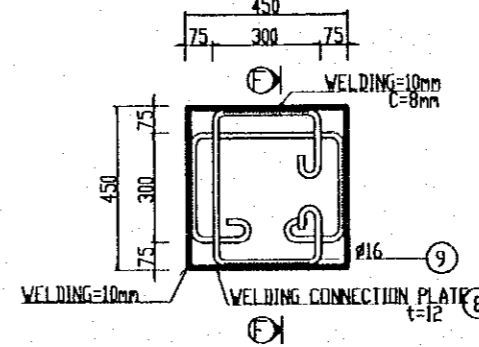
CONPLING BOX

SCALE 1:20



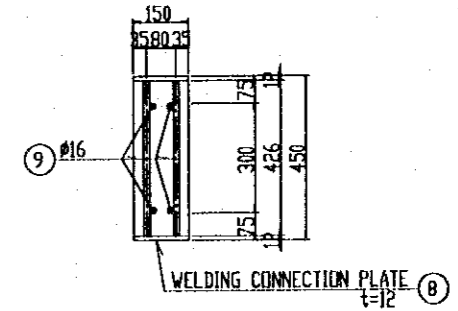
WELDING CONNECTION PLATE

SCALE 1:20



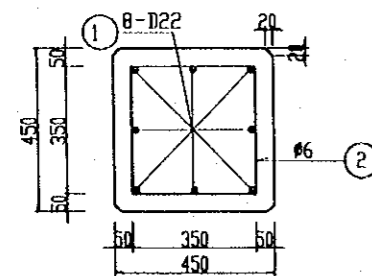
F-F

SCALE 1:20



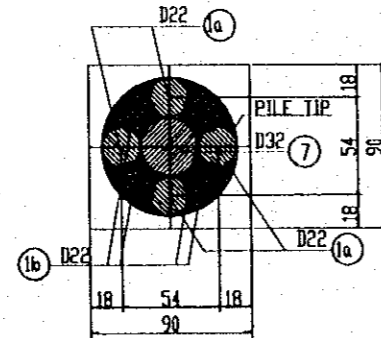
B-B

SCALE 1:20



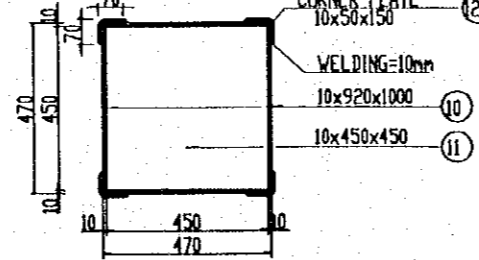
D-D

SCALE 1:4



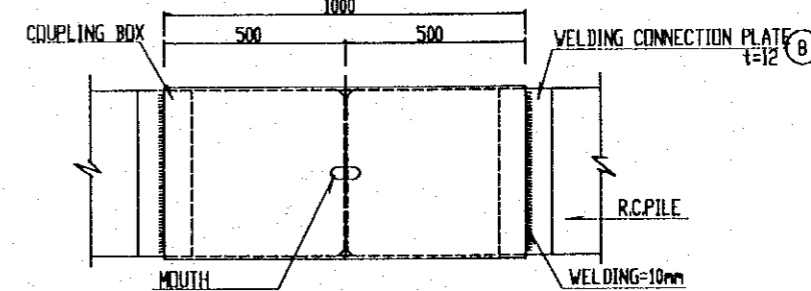
E-E

SCALE 1:20

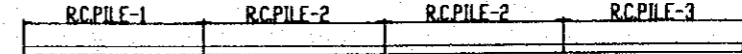


ELEVATION

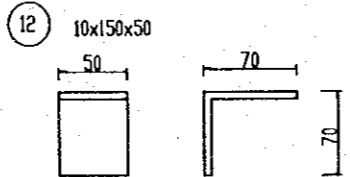
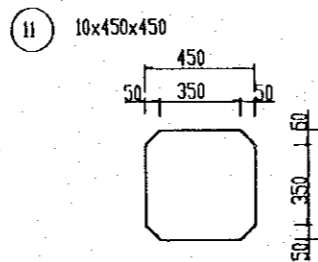
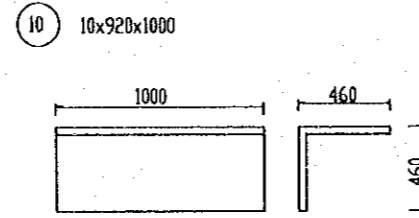
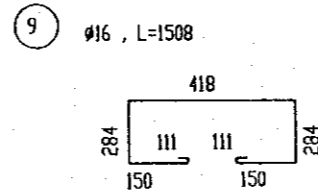
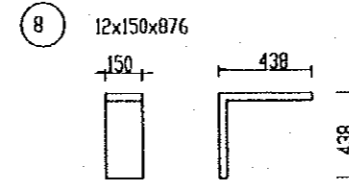
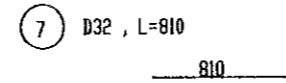
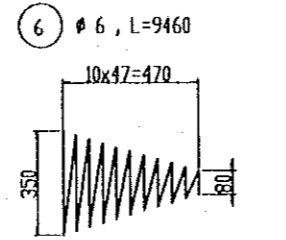
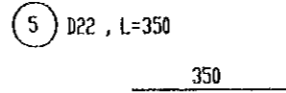
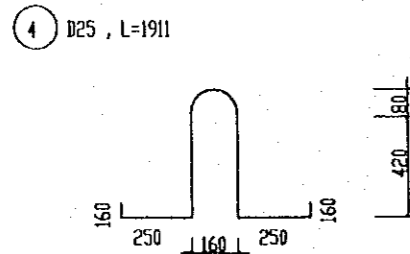
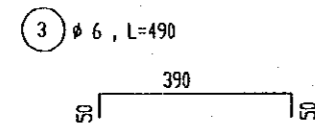
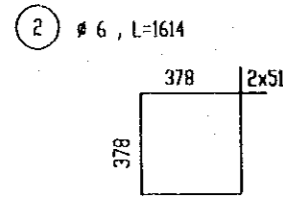
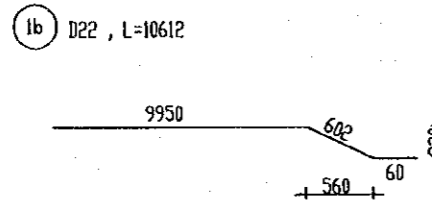
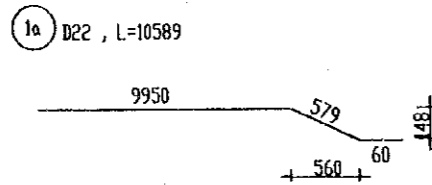
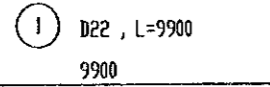
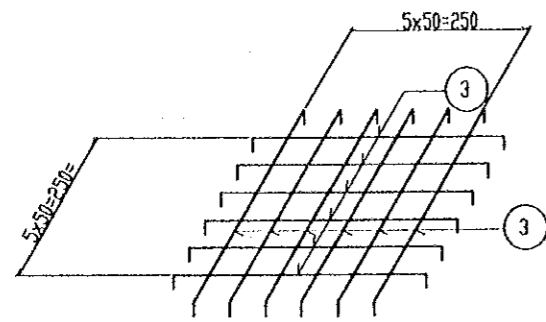
SCALE 1:20



MARKING



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 KOBEI CO.,LTD.	PREPARED BY T. Kametani	CHECKED BY K. Matsumoto	APPROVED BY K. Enomoto	DRAWING TITLE CAI NAI BRIDGE ABUTMENTS	DWG NO. PS/885/0260
				DATE 20/9/2000	DATE 29/9/2000	DATE 5/10/2000	ABUTMENTS A1&A2-RC PILE(450-L=40.0m)-SHEET 1	



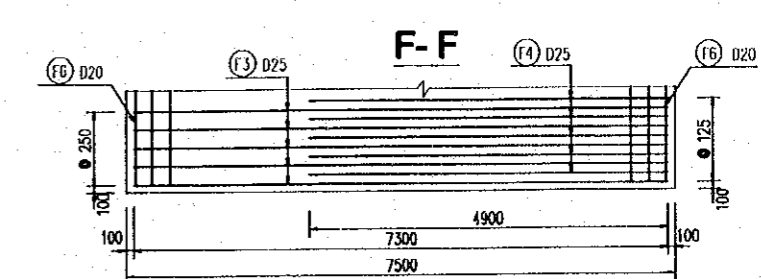
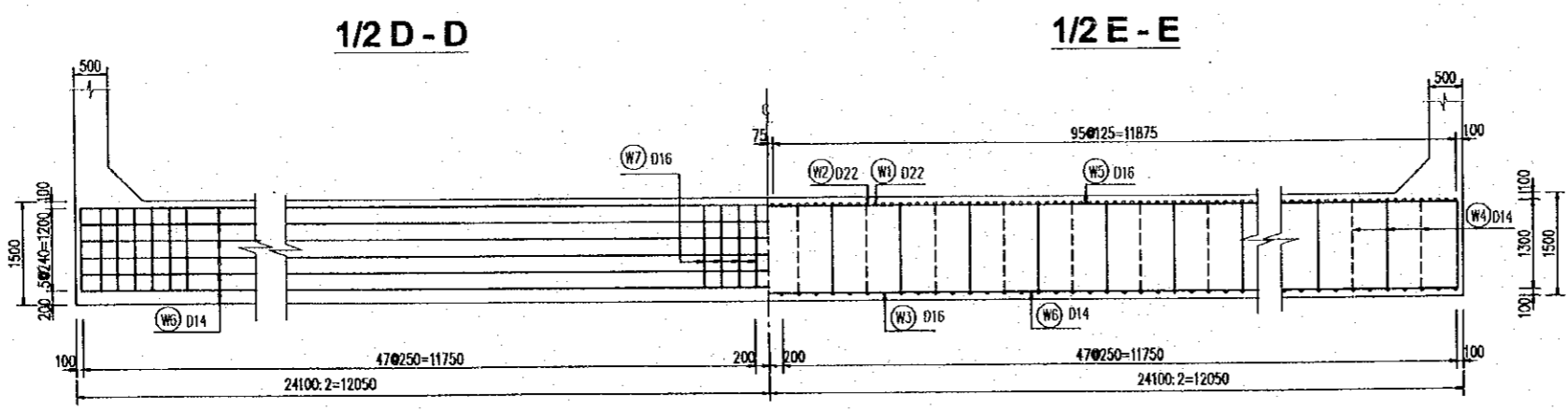
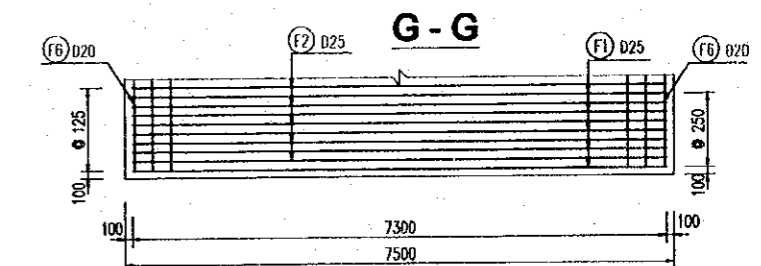
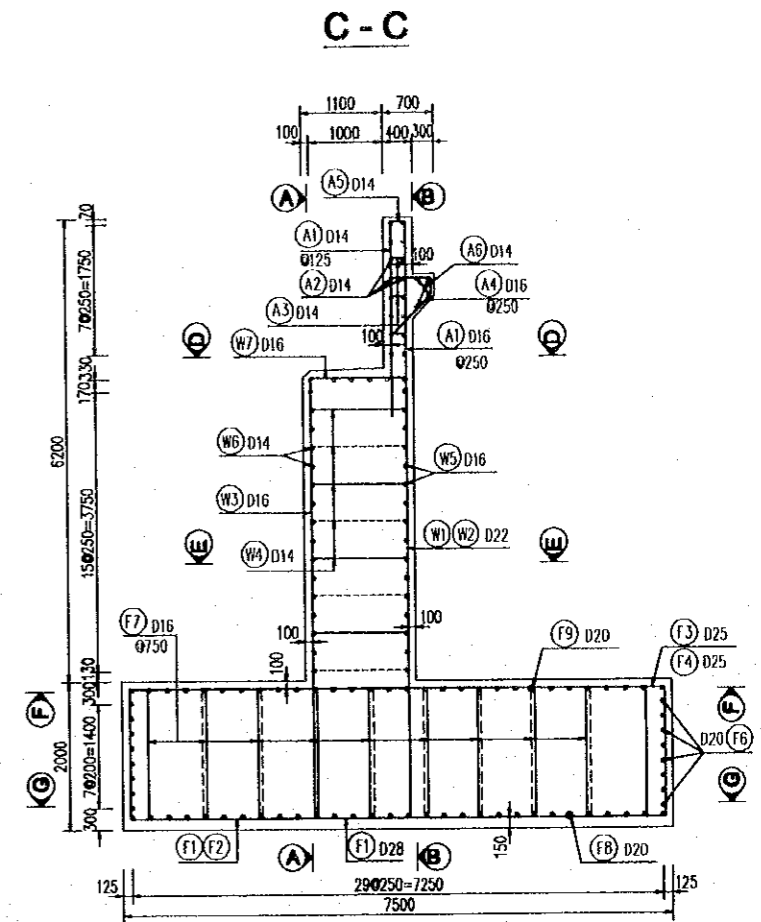
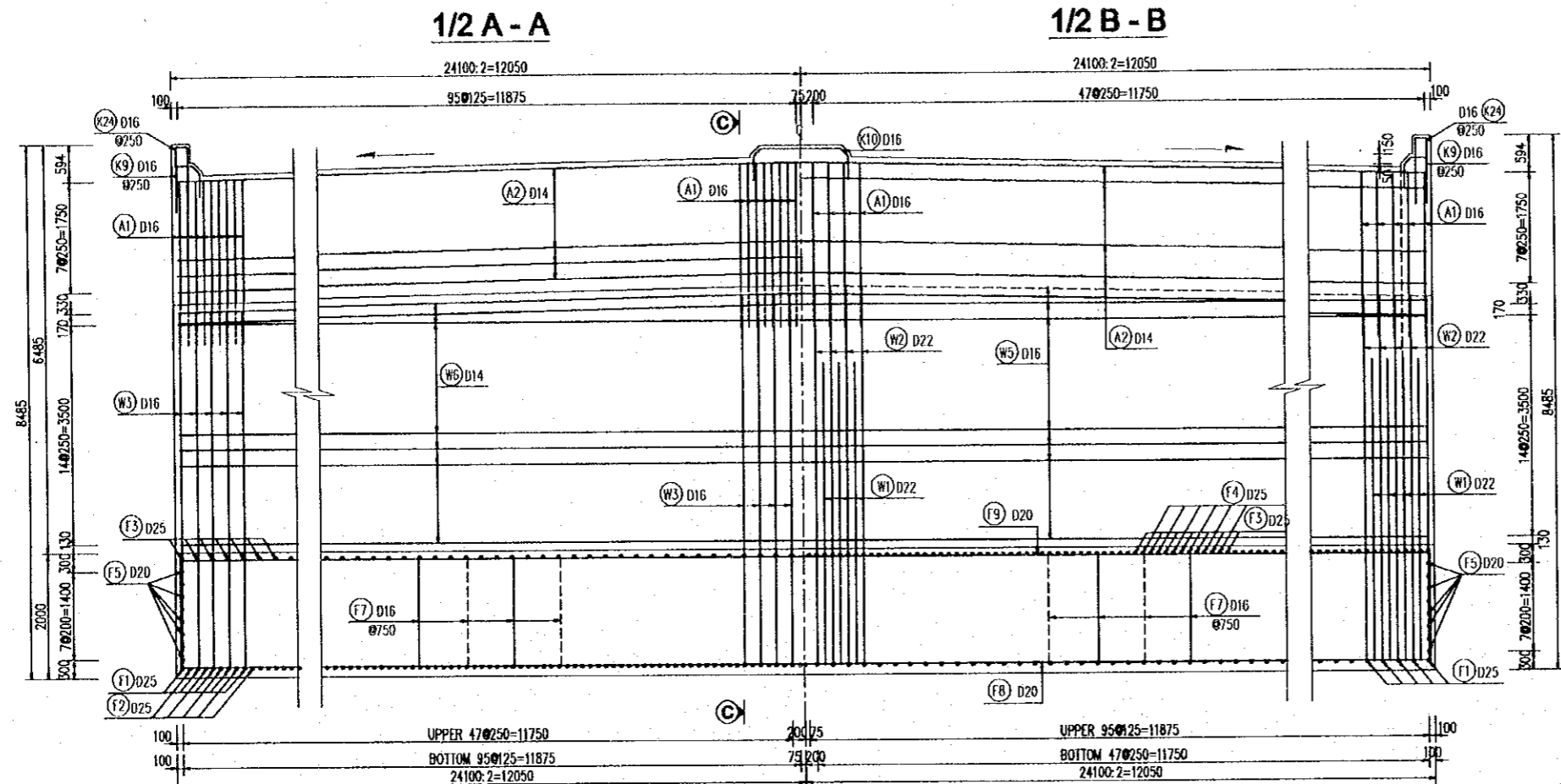
LIST OF REINFORCEMENT

	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	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		
	#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		
	#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	26.25	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		
	#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 KOBİ CO.,LTD.	T. Kametani	K. Matsumoto	K. Enomoto	CAI NAI BRIDGE ABUTMENTS	P3/083/0270
				DATE	DATE	DATE	ABUTMENTS A1&A2-RC FILE 450-L-40.0m-SHEET 2	

REINFORCEMENT ARRANGEMENT OF ABUTMENT A1 & A2

(SCALE 1:100)

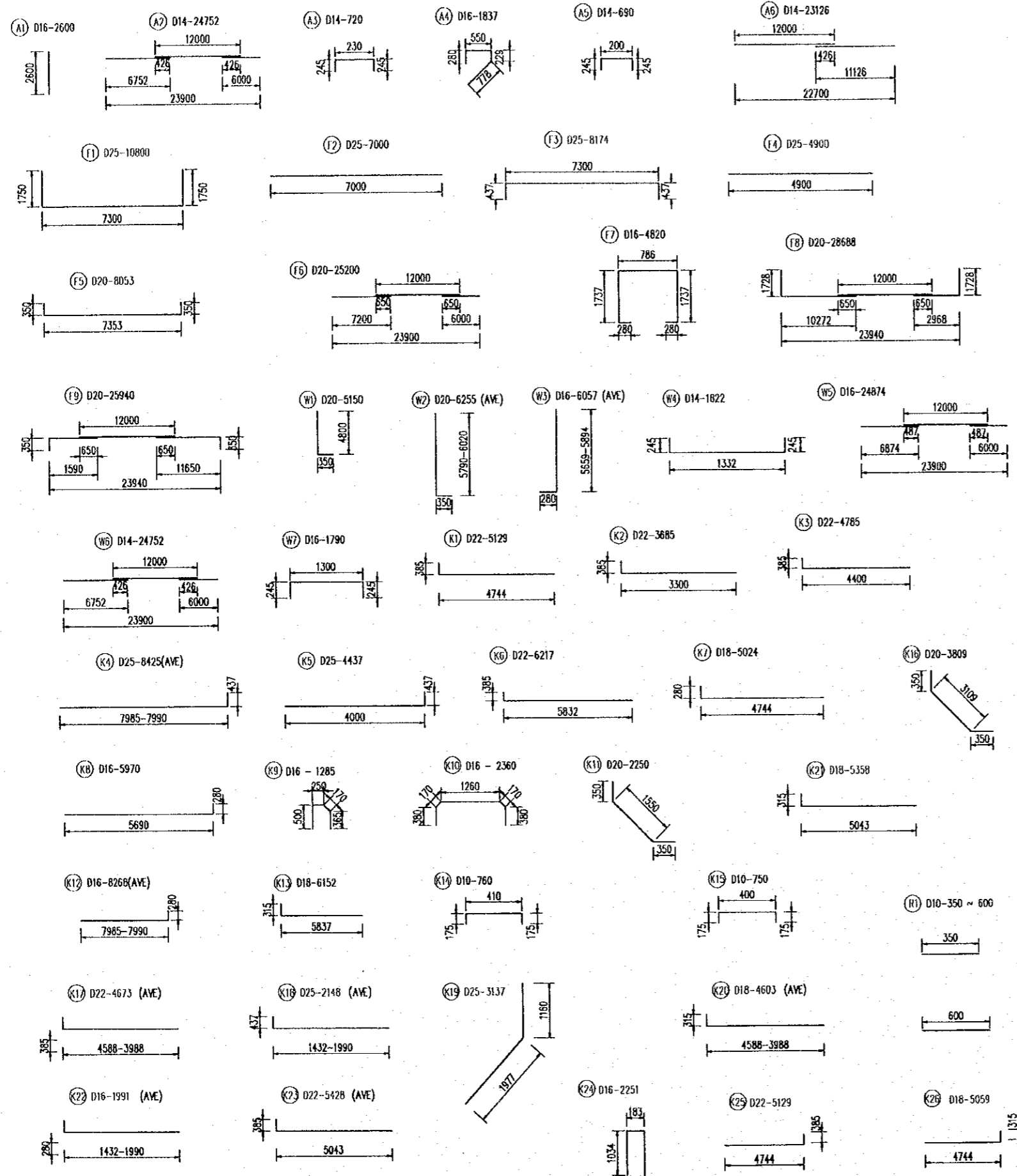


NOTE

FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO. P3/BR5/0030

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.	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 NAI BRIDGE ABUTMENTS REINFORCEMENT OF ABUTMENTS A1 & A2-SHEET1	P3/BR5/0280

LIST OF REINFORCEMENT (FOR ONE ABUTMENT)



REIN. NO	DIA (mm)	LENGTH (mm)	NUMBER	UNIT WEIGHT (Kg/m)	HEIGHT (Kg/m)	REMARKS
A1	14	2600	289	1.208	901.7	
A2	14	24752	16	1.208	478.4	
A3	16	720	141	1.578	160.2	
A4	14	1837	97	1.208	215.5	
A5	14	690	97	1.208	80.9	
A6	14	23126	4	1.208	111.7	
F1	25	10800	97	3.853	4036.4	
F2	25	7300	96	3.853	2700.2	
F3	25	8520	97	3.853	3184.5	
F4	25	4900	96	3.853	1812.5	
F5	20	8053	16	2.466	317.7	
F6	20	25200	16	2.466	994.3	
F7	16	4820	155	1.578	1178.9	
F8	20	28688	30	2.466	2122.3	
F9	20	25940	30	2.466	1919.0	
W1	22	5150	94	2.984	1444.6	
W2	22	6255	97	2.984	1810.5	AVERAGE
W3	16	6057	97	1.578	927.1	AVERAGE
W4	14	1822	188	1.208	413.8	
W5	16	24874	17	1.578	667.3	
W6	14	24752	21	1.208	677.9	
W7	16	1790	97	1.578	274.0	
K1	22	5129	12	2.984	183.7	
K2	22	3685	16	2.984	175.9	
K3	22	4785	14	2.984	199.9	
K4	25	8425	28	3.853	908.9	AVERAGE
K5	25	4437	26	3.853	444.5	
K6	22	6217	32	2.984	593.6	
K7	18	5024	12	1.998	120.5	
K8	16	5970	10	1.578	94.2	
K9	16	1285	40	1.578	81.1	
K10	16	2360	2	1.578	7.4	
K11	20	2250	18	2.466	99.9	
K12	16	8268	28	1.578	365.3	AVERAGE
K13	18	6152	32	1.998	393.3	
K14	10	760	208	0.617	97.5	
K15	10	750	52	0.617	24.1	
K16	20	3809	32	2.466	300.6	
K17	22	4673	8	2.984	111.6	AVERAGE
K18	25	2148	6	3.853	49.7	AVERAGE
K19	25	3137	4	3.853	48.3	
K20	18	4603	8	1.998	73.6	AVERAGE
K21	18	5203	1	1.998	10.4	
K22	16	1991	6	1.578	18.9	AVERAGE
K23	22	5273	1	2.984	15.7	AVERAGE
K24	16	2251	40	1.578	142.1	
K25	22	5129	8	2.984	122.4	
K26	18	5059	8	1.998	80.9	
R1	10	350 - 600	70 - 40	0.617	29.9	
TOTAL :				31178.8	Kg	
D10	151.5	Kg			020	5753.9 Kg
D14	2835.6	Kg			022	4657.9 Kg
D16	3916.5	Kg			025	13184.7 Kg
D18	678.6	Kg				

NOTE

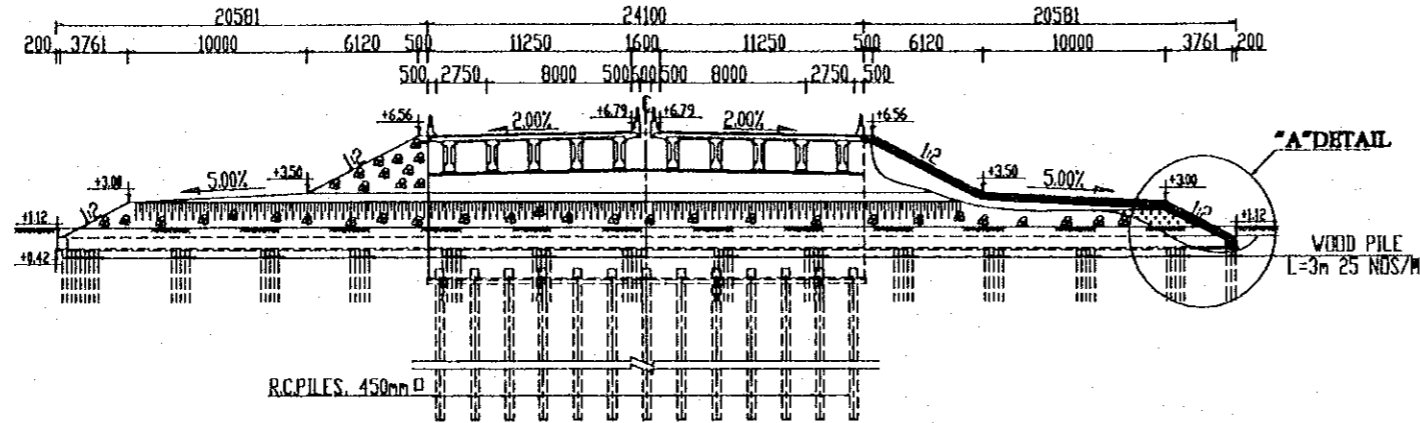
FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO. P3/BR5/0030

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 (MK) NIPPON 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 CAI NAI BRIDGE ABUTMENTS REINFORCEMENT OF ABUTMENTS A1 & A2 SHEETS	DWG NO. P3/BR5/0300
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EARTHWORKS SLOPE PROTECTION

(SCALE 1:375)

A-A (ABUTMENT A1)



PLAN

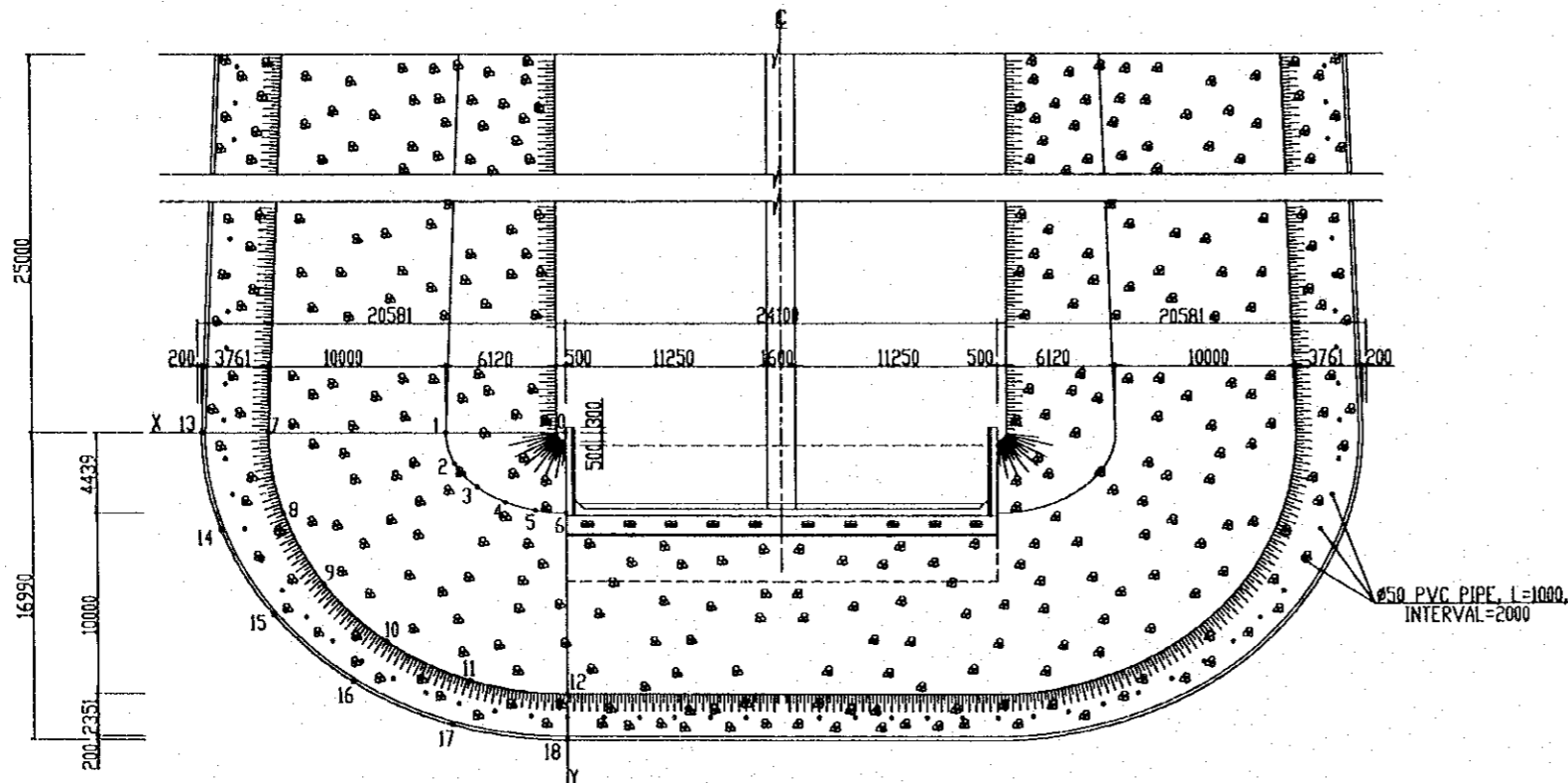
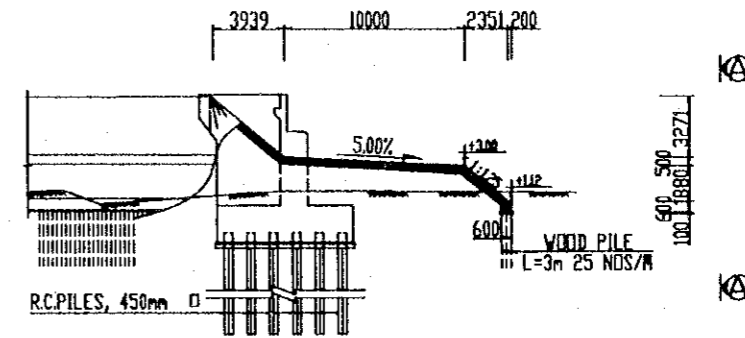


TABLE OF COORDINATES

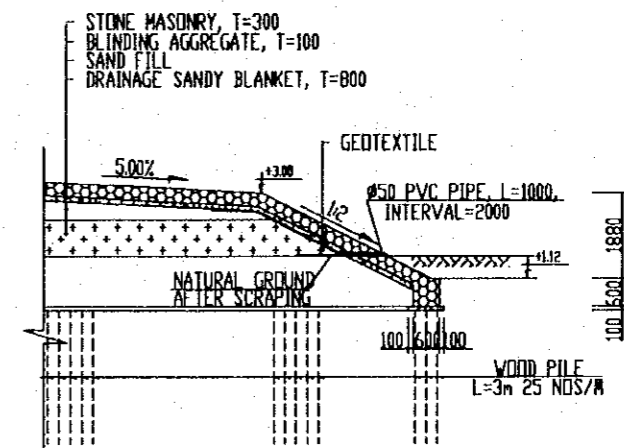
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1	662	0	6	0	444	11	535	1367	16	1195	1376
2	611	170	7	1662	0	12	0	1444	17	632	1615
3	488	300	8	1583	441	13	2038	0	18	0	1699
4	333	384	9	1356	834	14	1933	539			

SIDE ELEVATION



"A" DETAIL

(SCALE 1:150)

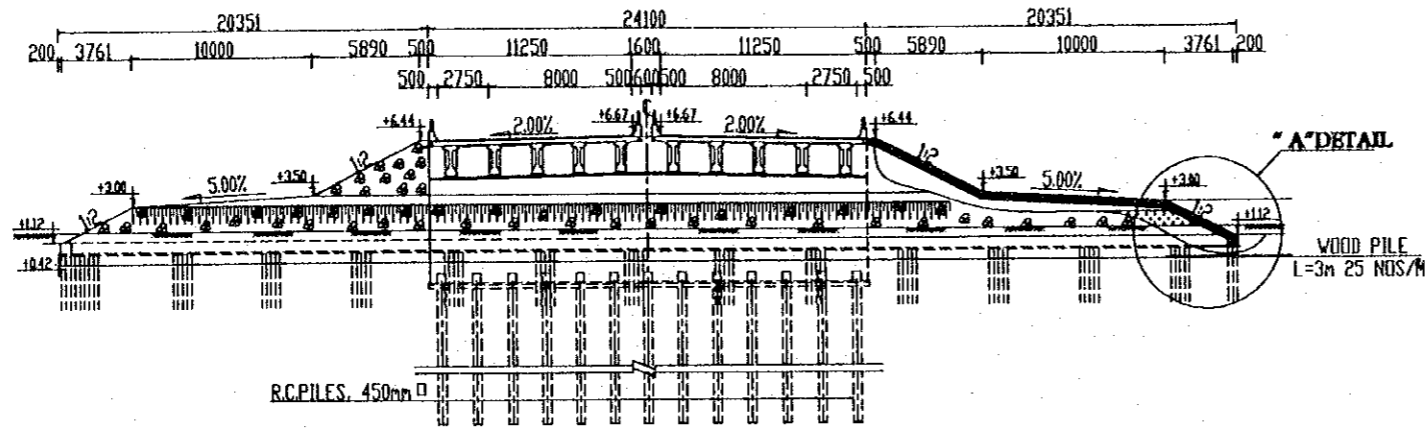


PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM	PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG. NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	NIPPON KOEI CO., LTD.	T. Kametani	K. Matsumoto	K. Enomoto	CAI NAI BRIDGE ABUTMENTS EARTHWORKS SLOPE PROTECTION-SHEET1	P3/005/0310
				NAME	DATE	DATE	DATE	
				SIGNATURE	20/9/2000	29/9/2000	5/10/2000	

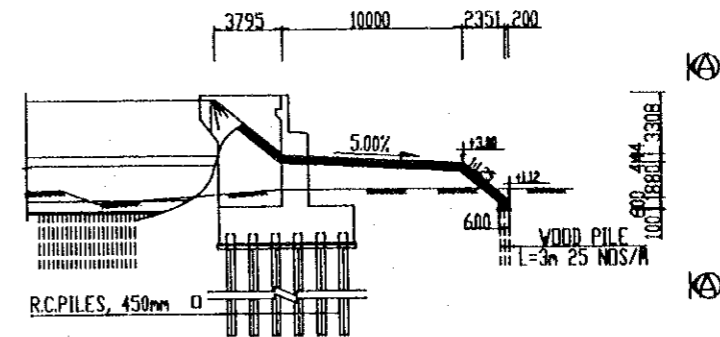
EARTHWORKS SLOPE PROTECTION

(SCALE 1:375)

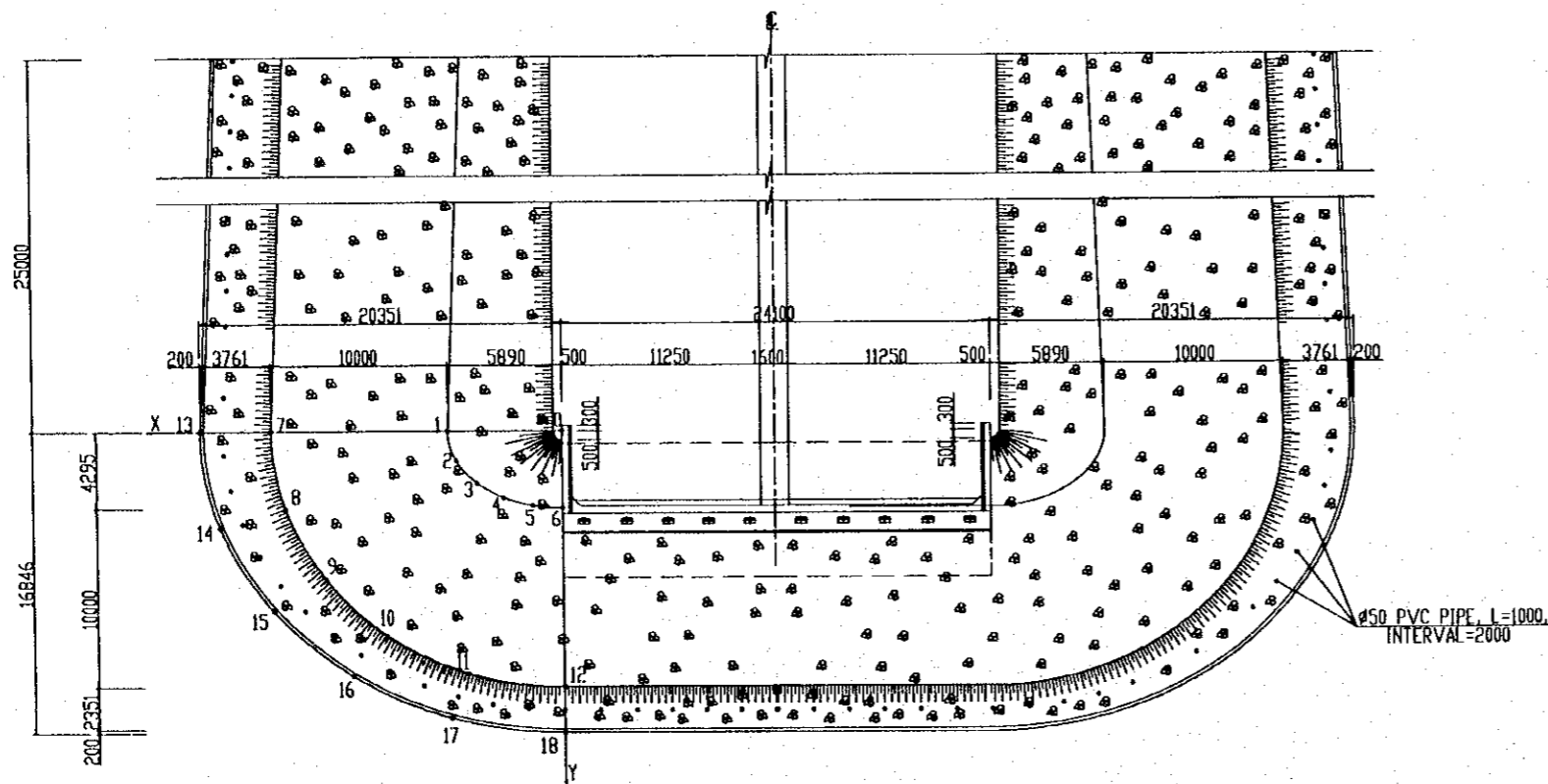
A-A (ABUTMENT A2)



SIDE ELEVATION



PLAN



"A" DETAIL

(SCALE 1:150)

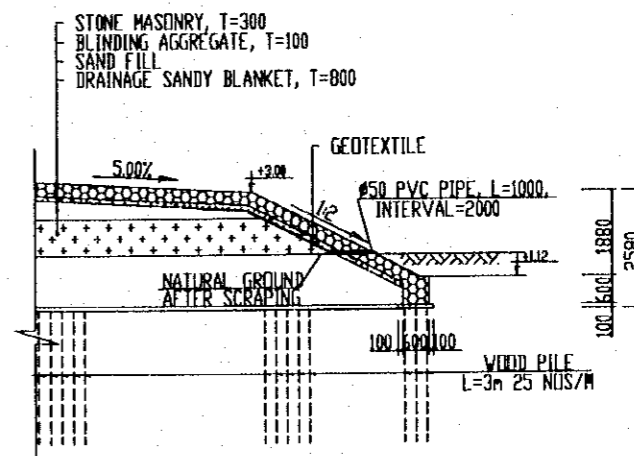


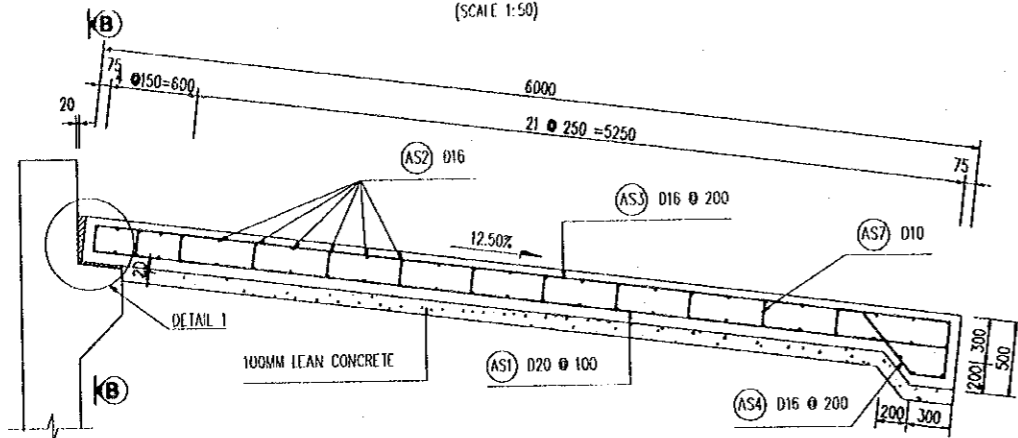
TABLE OF COORDINATES

No	X (cm)	Y (cm)	No	X (cm)	Y (cm)	No	X (cm)	Y (cm)	No	X (cm)	Y (cm)
0	0	0	5	162	415	10	990	1140	15	1634	1005
1	639	0	6	0	430	11	529	1353	16	1108	1368
2	590	165	7	1639	0	12	0	1430	17	627	1603
3	471	290	8	1561	435	13	2035	0	18	0	1685
4	322	371	9	1339	824	14	1929	538			

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 NAI BRIDGE ABUTMENTS EARTHWORKS SLOPE PROTECTION-SHEET2	23/005/0320
				DATE: 20/9/2000	DATE: 29/9/2000	DATE: 5/10/2000		

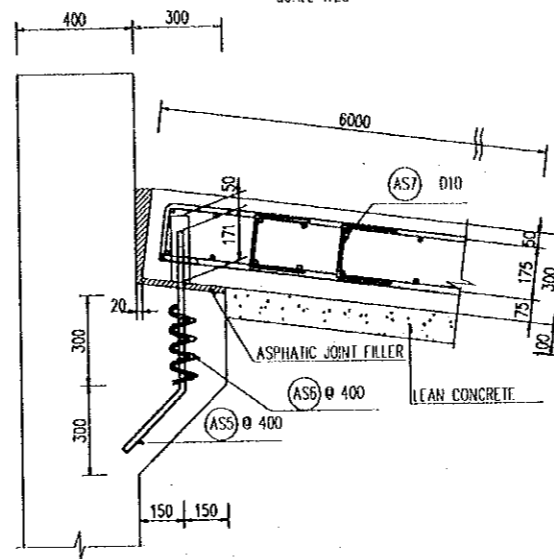
SECTION A - A

(SCALE 1:50)



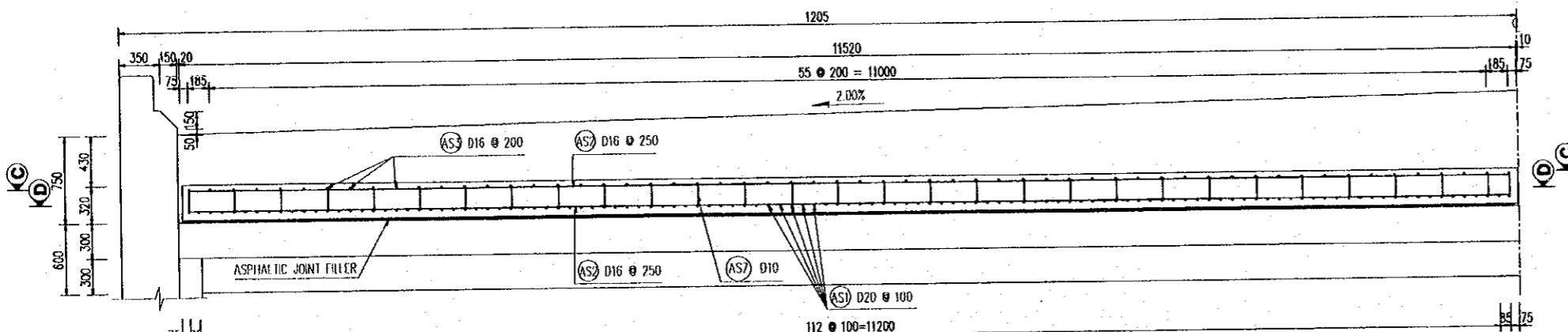
DETAIL 1

SCALE 1:25



HALF SECTION B - B

(SCALE 1:50)

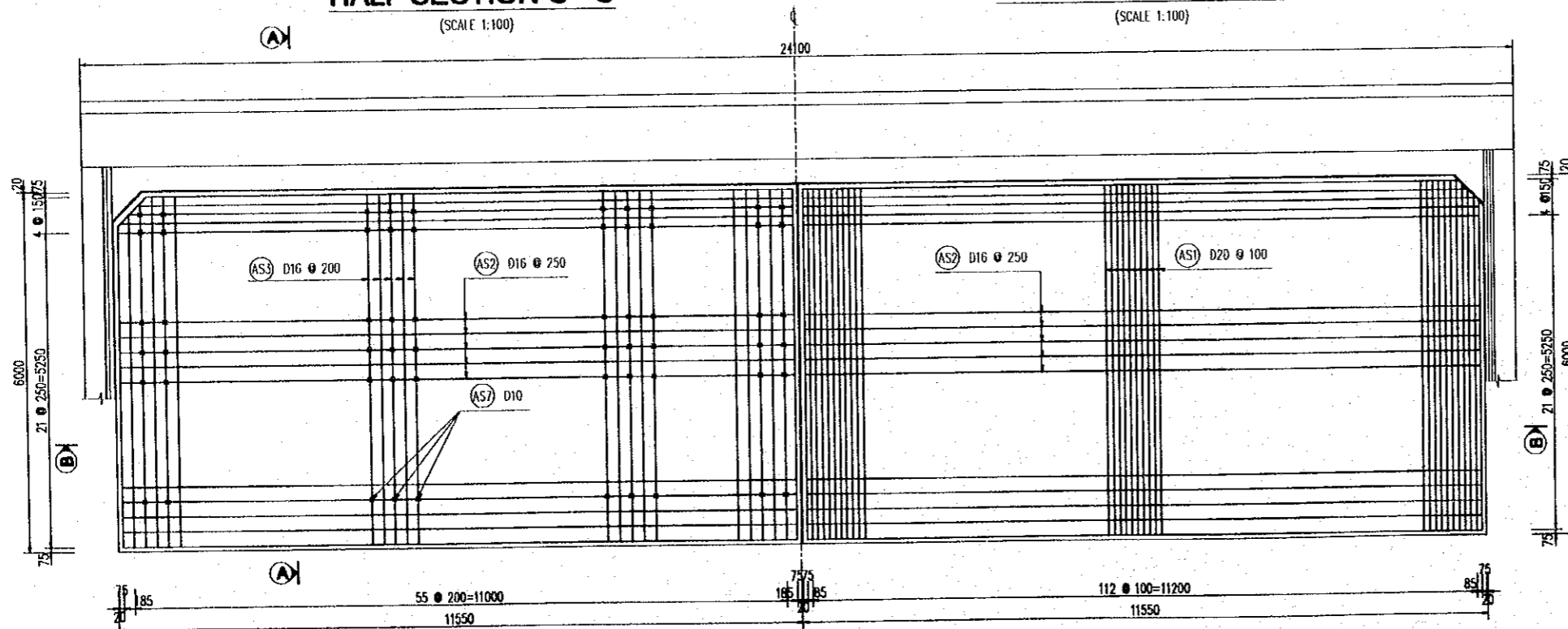


HALF SECTION C - C

(SCALE 1:100)

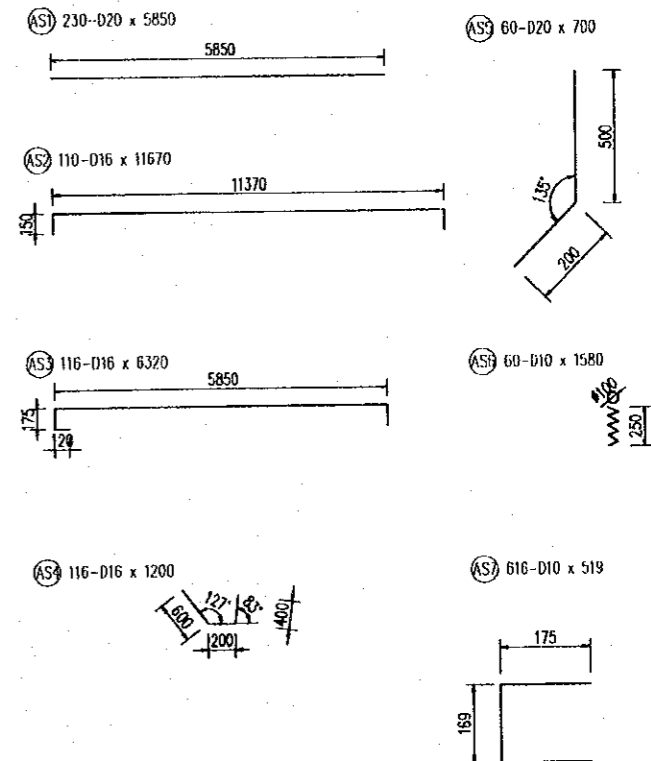
HALF SECTION D - D

(SCALE 1:100)



LIST OF REINFORCEMENT

TYPE	D (mm)	LENGTH OF BAR (mm)	U.WEIGHT (kg/m)	NUMBER	WEIGHT (Kg)
AS1	D20	5850	2.466	230	3318.0
AS2	D16	11670	1.578	110	2025.7
AS3	D16	6320	1.578	116	1156.9
AS4	D16	1200	1.578	116	219.7
AS5	D20	700	2.466	60	103.6
AS6	D10	1580	0.617	60	58.5
AS7	D10	519	0.617	616	197.3
					255.8 kg
					3402.3 kg
					3421.6 kg
TOTAL :					7079.7 kg
CONCRETE :					43.24m3
LEAN CONCRETE :					13.3 m3
ASPHATIC JOINT FILLER :					0.41 m3



NOTES:

FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO P3/BR5/GU.30

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 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 NAI BRIDGE ABUTMENTS DETAILS OF APPROACH SLAB	DWG NO. P3/BR50330
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QUANTITY TABLE OF ABUTMENTS

ITEMS		UNIT	ABUTMENT A1	ABUTMENT A2	TOTAL	
A- ABUTMENT						
PILE	NUMBER OF PILES	PILE	78	78	156	
	TOTAL LENGTH OF RC (7450mm)	m	3120.0	3120.0	6240.0	
	CONCRETE CLASS D	m ³	1254.7	1060.3	2315.0	
	REINFORCEMENT	D32	kg	397.8	397.8	795.6
		D25	kg	4586.4	4586.4	9172.8
		D22	kg	86767.2	86767.2	173534.4
		D16	kg	5187.0	5187.0	10374.0
		φ 6	kg	14344.2	14344.2	28688.4
		TOTAL	kg	111282.6	111282.6	222565.2
	ABUTMENT	CONCRETE CLASS E	m ³	577.5	577.5	1155.0
REINFORCEMENT		D25	kg	13184.7	13184.7	26369.4
		D22	kg	4657.9	4657.9	9315.8
		D20	kg	5753.9	5753.9	11507.8
		D18	kg	678.6	678.6	1357.2
		D16	kg	3916.5	3916.5	7833.0
		D14	kg	2835.6	2835.6	5671.2
		D10	kg	151.5	151.5	303.0
TOTAL		kg	31178.7	31178.7	62357.4	
SUPPORT		m ³	6.3	6.3	12.6	
LEAN CONCRETE CLASS G		m ³	16.9	16.9	33.8	
BLINDING STONE		m ³	33.9	33.9	67.8	
EXCAVATION		m ³	1212.0	1165.7	2377.7	
BACK FILL	m ³	576.6	530.3	1106.9		
B- APPROACH SLAB						
	CONCRETE CLASS E	m ³	43.2	43.2	86.5	
	LEAN CONCRETE CLASS G	m ³	13.3	13.3	26.6	
	ASPHALTIC JOINT FILLER T=20mm	m ³	0.4	0.4	0.8	
	REINFORCEMENT	D20	kg	3421.6	3421.6	6843.2
		D16	kg	3402.3	3402.3	6804.6
		D10	kg	255.8	255.8	511.6
		TOTAL	kg	7079.7	7079.7	14159.4
C- SLOPE PROTECTION						
SIDE SLOPE	STONE MASONRY T=300mm	m ³	566.9	573.9	1140.7	
	BLINDING AGGREGATE T=100mm	m ³	189.0	191.3	380.2	
	GEOTEXTILE	m ²	594.0	597.0	1191.0	
	PVC PILE φ50mm DIA., L=1000mm	m	66.0	66.0	132.0	
	WOODEN PILE LENGTH L=3m	m	7900.0	7937.0	15837.0	
FOOTING	BLINDING	m ³	10.5	10.6	21.1	
	STONE MASONRY	m ³	47.4	47.6	95.0	
	EXCAVATION	m ³	568.8	571.0	1139.8	
	BACK FILL	m ³	395.0	397.0	792.0	
	LENGTH OF FOOTING	m	131.7	132.3	263.9	

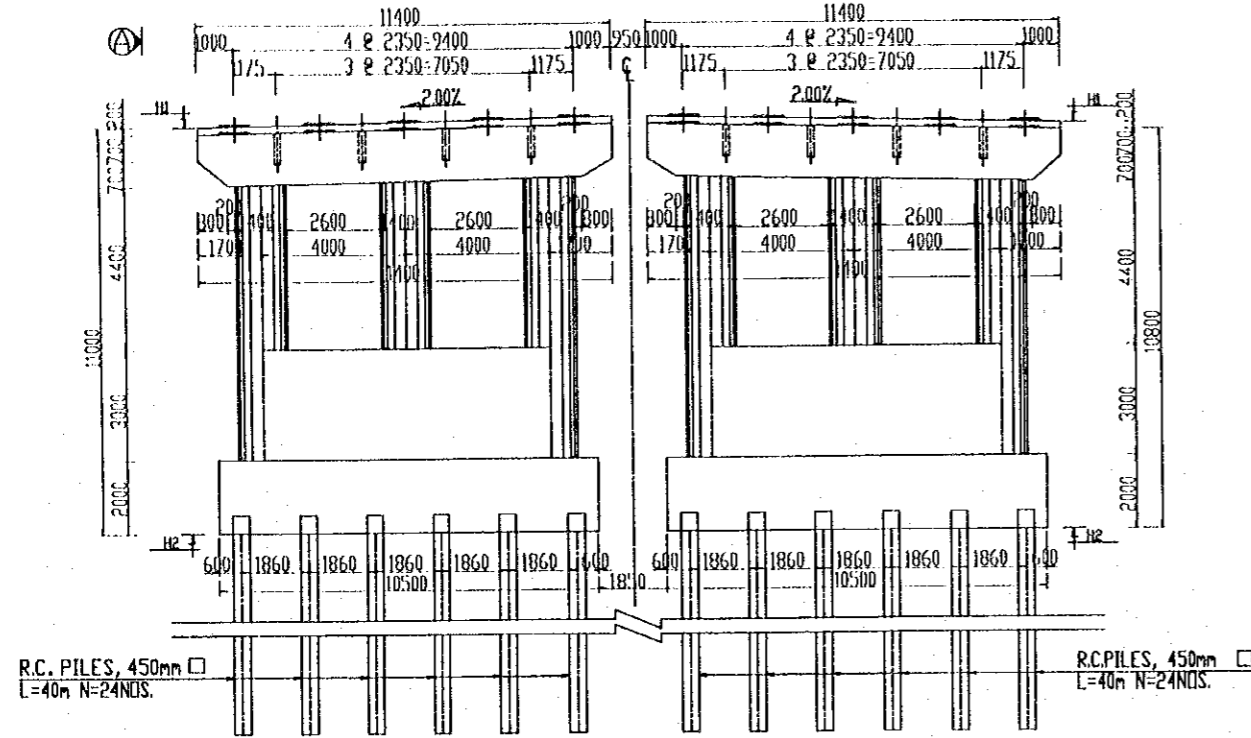
PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM		PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	NIPPON KOEI CO.,LTD.	NAME T. Kametani	K. Matsumoto	K. Enomoto	CAI NAI BRIDGE ABUTMENT QUANTITY TABLE OF ABUTMENTS	P3/BR5/0340	
				SIGNATURE 					
				DATE 20/9/2000	29/9/2000	5/10/2000			

IV. PIERS

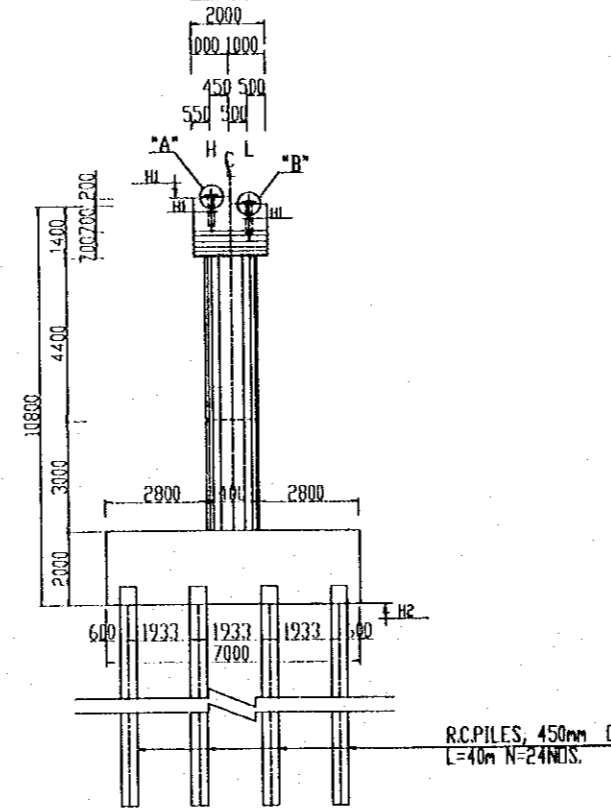
DETAILS OF PIERS P1&P2

SCALE 1:200

PIER ELEVATION

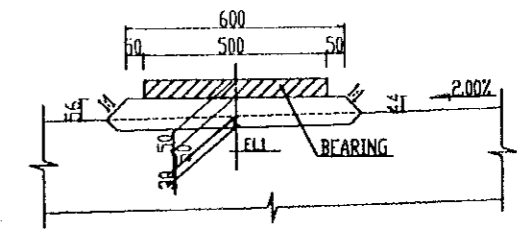


A-A

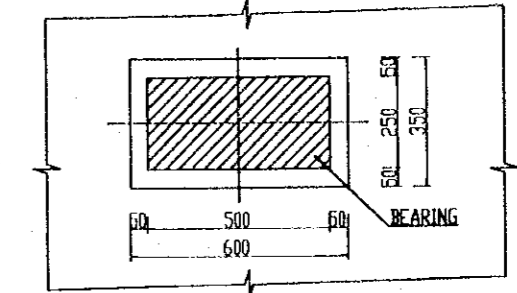


DETAIL "A"

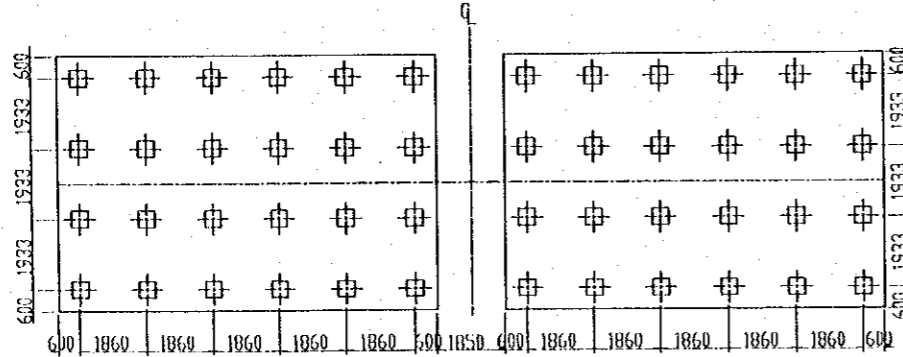
SCALE 1:20



PLAN

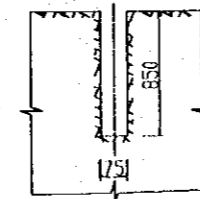


PILE CAP-PLAN



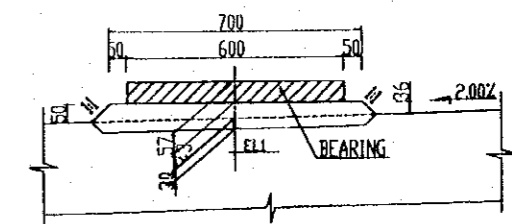
DETAIL OF ANCHOR HOLE

SCALE 1:50

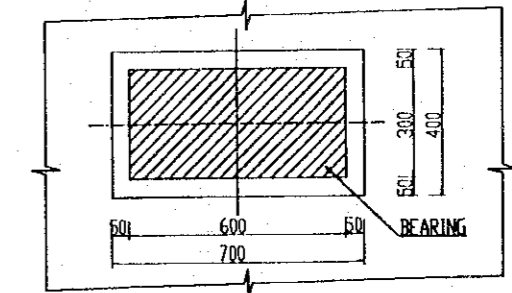


DETAIL "B"

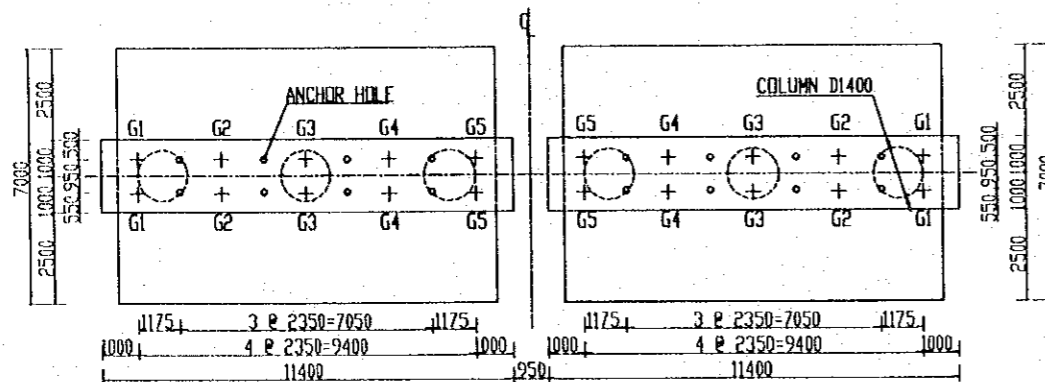
SCALE 1:20



PLAN



GIRDER BEARING SEAT-PLAN



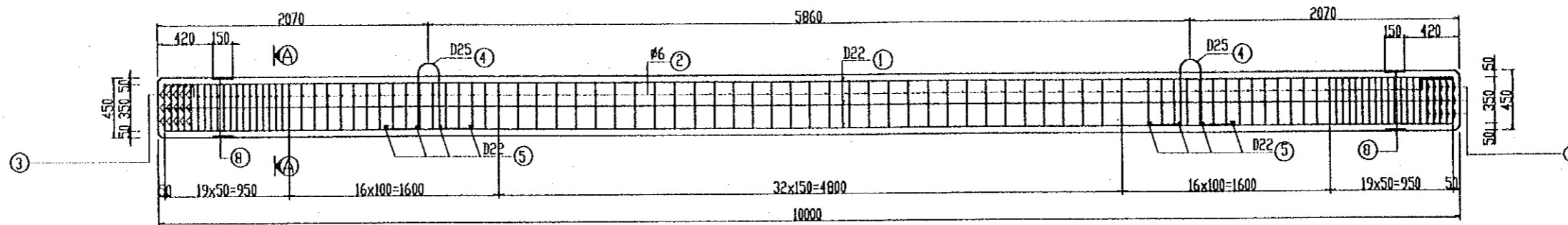
GIRDER BEARING SEAT ELEVATION OF EL1

PIER TYPE	GROUT PAI	GROUT PAI				
		G1	G2	G3	G4	G5
P1 (H1=+4.54; H2=-6.46)	H	4.577	4.624	4.671	4.718	4.765
	L	4.375	4.422	4.469	4.516	4.563
P2 (H1=+4.49; H2=-6.51)	H	4.325	4.372	4.419	4.466	4.513
	L	4.527	4.574	4.621	4.668	4.715

PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM	PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
				NAME	NAME	NAME		
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 NAI BRIDGE ABUTMENTS GENERAL VIEW OF PIERS P1&P2	P3/BR3/0380
				<i>(Signature)</i>	<i>(Signature)</i>	<i>(Signature)</i>		
				20/9/2000	29/9/2000	5/10/2000		

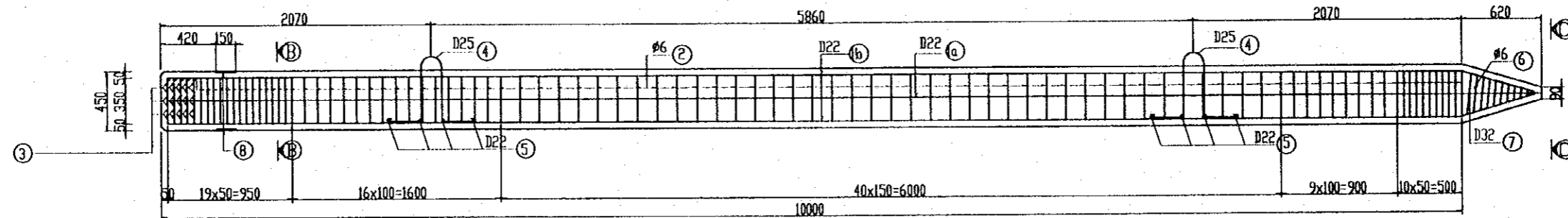
R.C.PILE-1 L=10M

SCALE 1:40

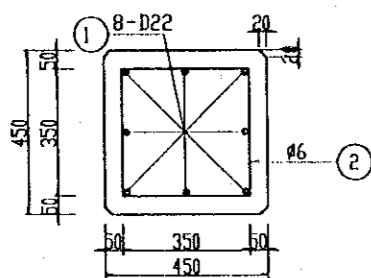


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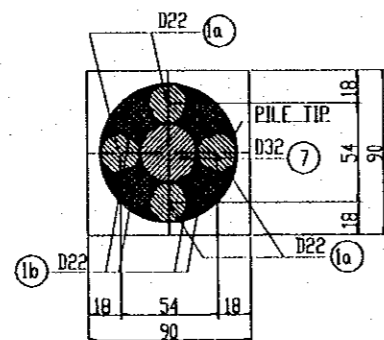
SCALE 1:40



A-A
SCALE 1:20

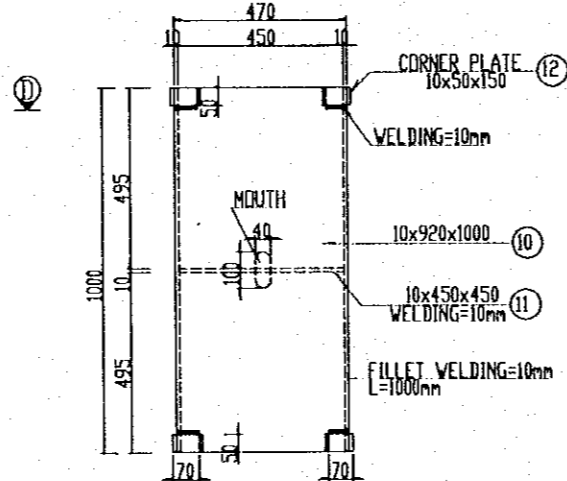


C-C
SCALE 1:4



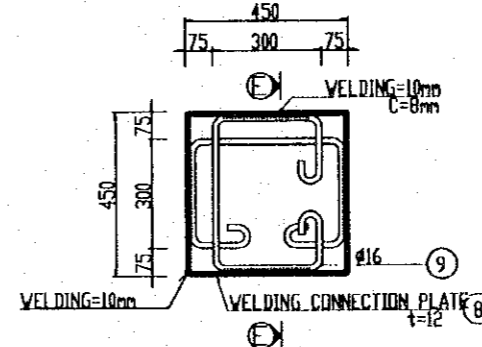
CONPLING BOX

SCALE 1:20

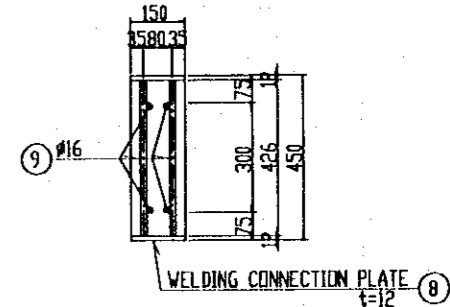


WELDING CONNECTION PLATE

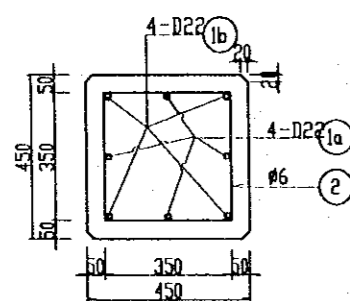
SCALE 1:20



E-E
SCALE 1:20

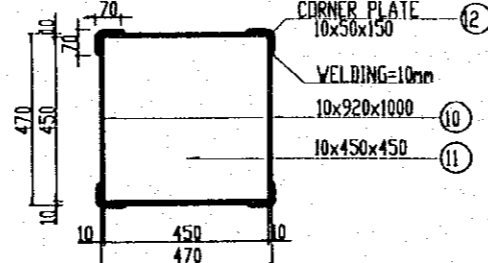


B-B
SCALE 1:20

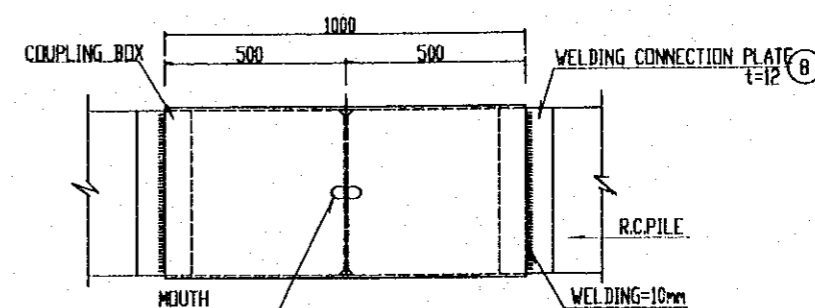


D-D

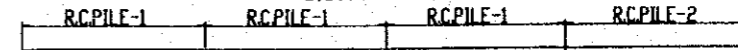
SCALE 1:20



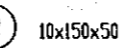
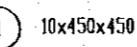
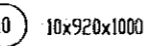
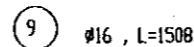
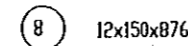
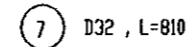
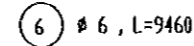
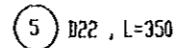
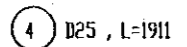
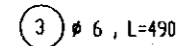
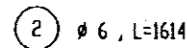
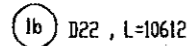
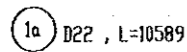
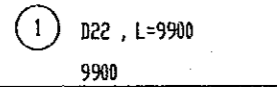
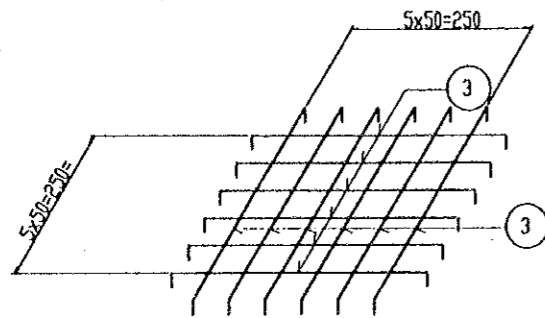
ELEVATION
SCALE 1:20



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	NIPPON KOEI CO.,LTD.	T. Karmetani	K. Matsumoto	K. Enomoto	PIERS P1-P4-RC FILE 450-L=40.0m-SHEET 1	P3/085/0360
				NAME				
				SIGNATURE				
				DATE	20/9/2000	29/9/2000	3/10/2000	

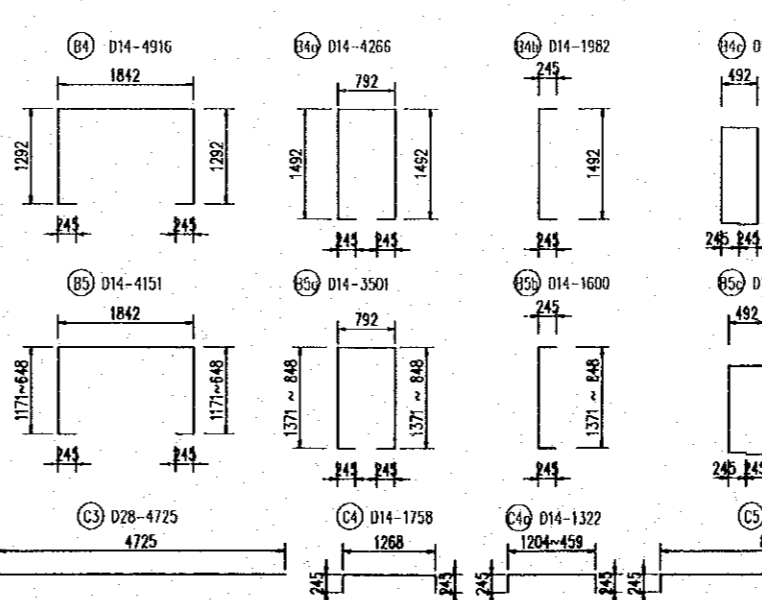
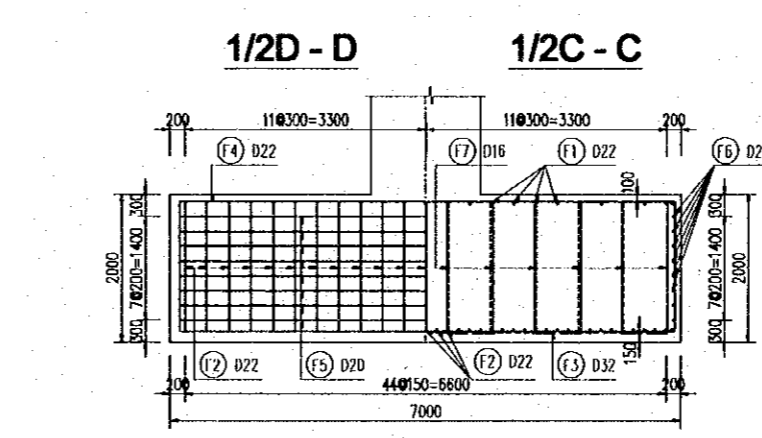
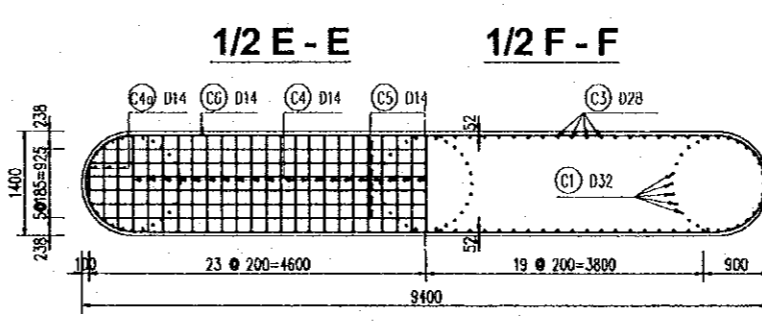
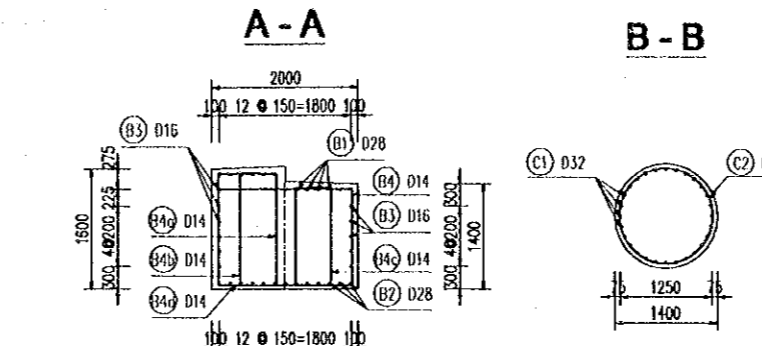
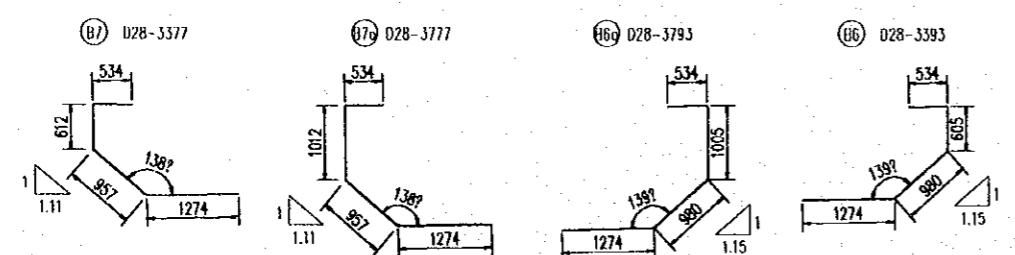
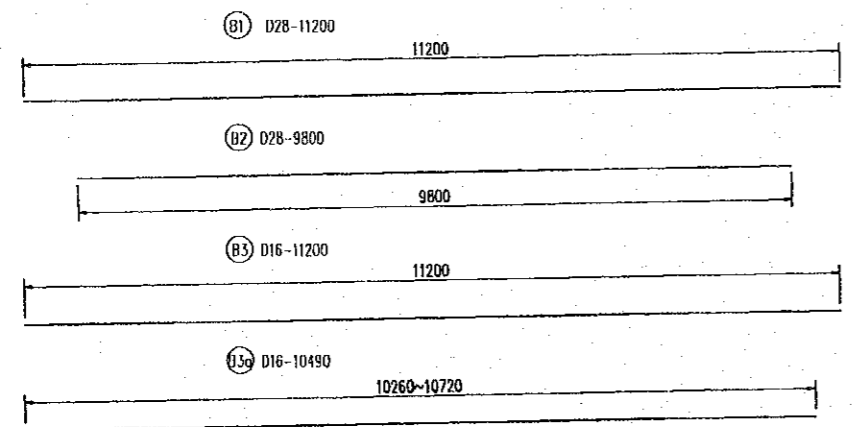
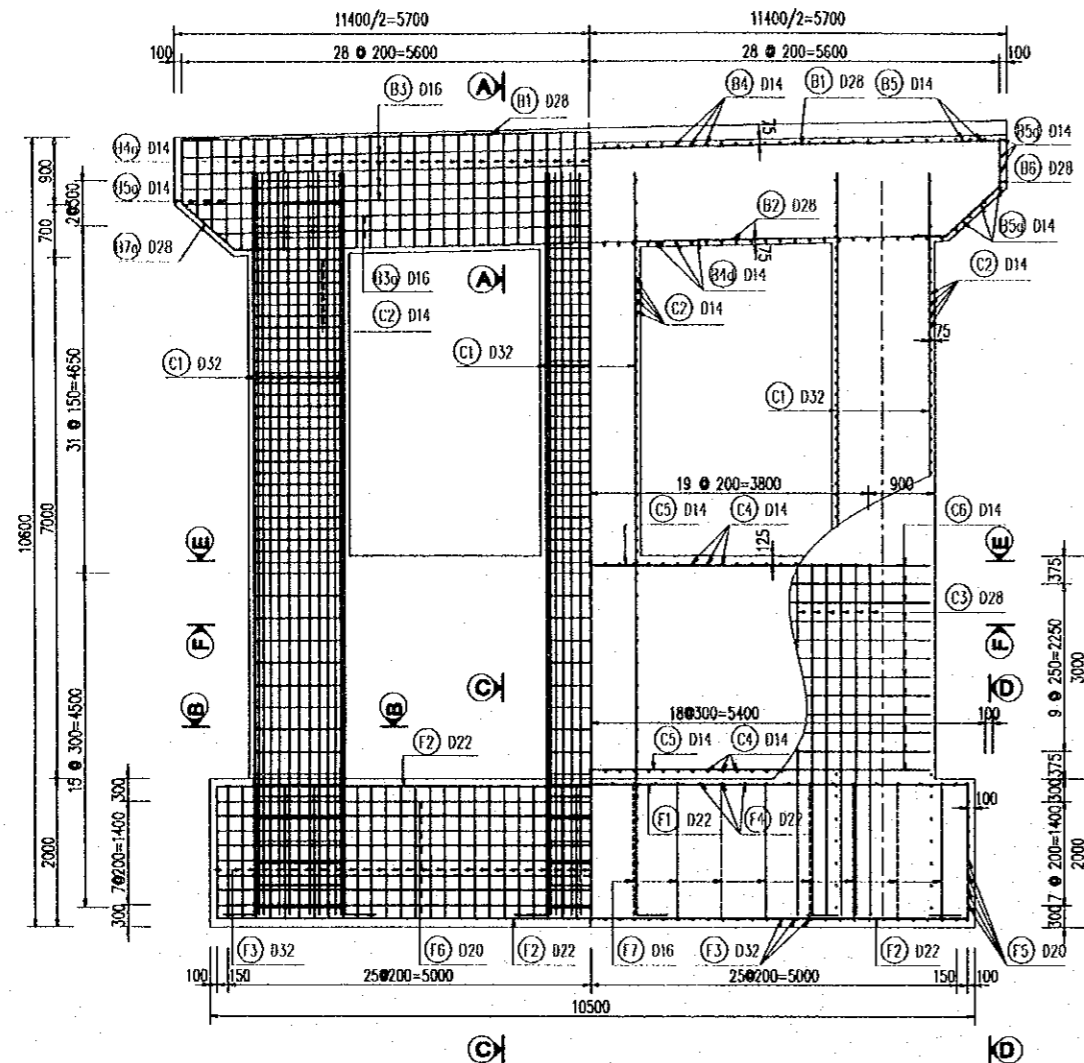


LIST OF REINFORCEMENT

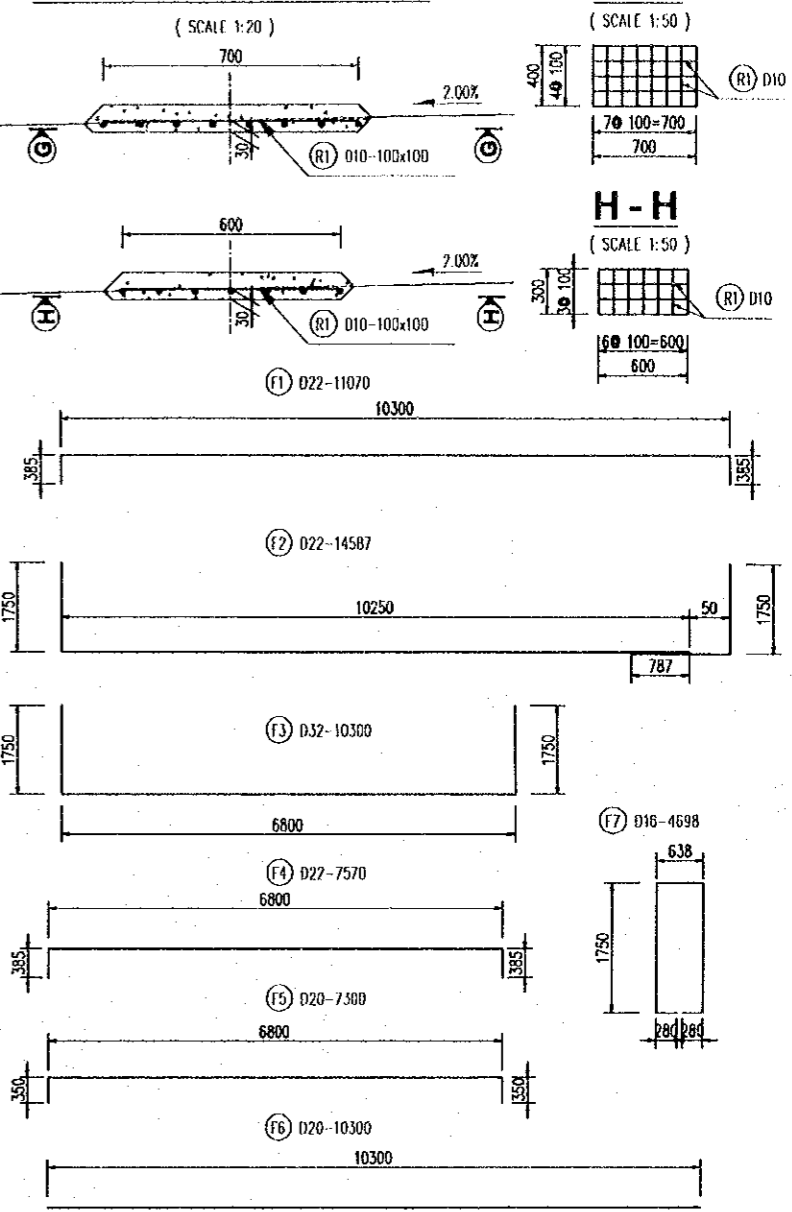
	SIGN	DIACETER mm	UNIT WEIGHT kg/m	LENGTH m	NOS.	TOTAL LENGTH m	TOTAL WEIGHT kg	
R.C.PILE-1 10M	1	22	2.984	9900	8	79.2	236.0	
	2	6	0.222	1614	95	153.33	34.0	
	3	6	0.222	490	120	44.6	13.1	
	4	25	3.853	1911	2	3.82	14.7	
	5	22	26.25	350	8	2.80	8.3	
	8	12x150x876		12.378	2		24.8	
	9	16	1.579	1508	8	12.06	19.0	
	1. TOTAL				349.9	kg		
	#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-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			
#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. Kamelani	K. Matsumoto	K. Enomoto	AP MY BRIDGE PIERS PIERS P1~P4-RC PILE 450-L=40.0m-SHEET 2	P3/085/0370
				DATE: 20/9/2000	DATE: 29/9/2000	DATE: 3/10/2000		

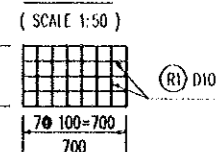
BAR ARRANGEMENT OF PIER



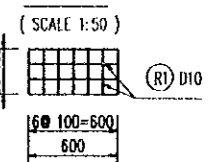
REINFORCING SHOES



G - G



H - H



NOTES



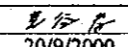
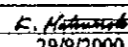
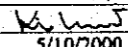
FOR STANDARD STRUCTURAL NOTES SEE DRAWING No. P3/BR5/0030

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 NAI BRIDGE PIERS REINFORCEMENT OF PIERS P1&P2-SHEET 1	P3/BR5/0380
				NAME				
				SIGNATURE				
				DATE	20/9/2000	29/9/2000	5/10/2000	

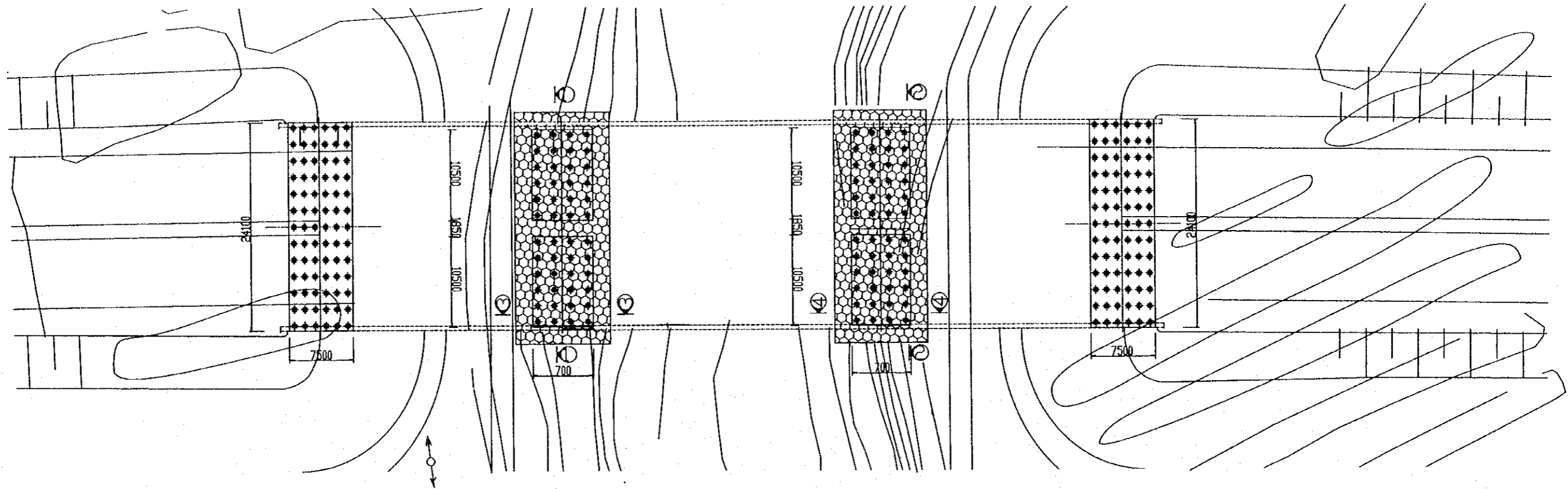
LIST OF REINFORCING BARS OF PIER1 & PIER2

(FOR ONE DIRECTION)

DETAIL	No	DIAMETER (mm)	LENGTH (mm)	QUANTITY	UNITWEIGHT (Kg/m)	TOTAL STEEL (Kg)
PIER CAP	R1	10	5600	10	0.617	34.6
	B1	28	11200	14	4.834	758.0
	D2	28	9800	13	4.834	615.9
	B3	16	11200	9	1.578	159.1
	B3A	16	10490	4	1.578	66.2
	B4	14	4916	49	1.208	291.0
	B4A	14	4266	49	1.208	252.5
	B4B	14	1982	49	1.208	117.3
	B4C	14	3566	49	1.208	211.1
	B4C	14	2332	49	1.208	138.0
	B5	14	4151	8	1.208	40.1
	B5A	14	3501	8	1.208	33.8
	B5B	14	1600	6	1.208	11.6
	B5C	14	2801	6	1.208	20.3
	B5D	14	2332	14	1.208	39.4
	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	10434	84	6.313	5533.1
	C2	14	4498	147	1.208	798.7
	C3	14	4725	78	1.208	445.2
	C4	14	1758	78	1.208	165.6
	C4A	14	1322	12	1.208	19.2
	C5	14	9612	12	1.208	139.3
	C6	14	21934	12	1.208	318.0
FOOTING	F1	22	11070	25	2.984	825.8
	F2	22	14587	47	2.984	2045.8
	F3	32	10300	55	6.313	3576.3
	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	695.5
TOTAL		D10		34.6	(Kg)	
		D14		3041.1	(Kg)	
		D16		920.8	(Kg)	
		D20		702.3	(Kg)	
		D22		3707.4	(Kg)	
		D28		1822.5	(Kg)	
		D32		9109.4	(Kg)	
	TOTAL			19338.1	(Kg)	

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. Kamelani SIGNATURE  DATE 20/9/2000	NAME K. Matsumoto SIGNATURE  DATE 29/9/2000	NAME K. Enomoto SIGNATURE  DATE 5/10/2000	CAI NAI BRIDGE PIERS REINFORCEMENT OF PIERS P1&P2-SHEET 2	P3/BR5/0390

PLAN
(SCALE 1/500)



HALF SECTION 1-1

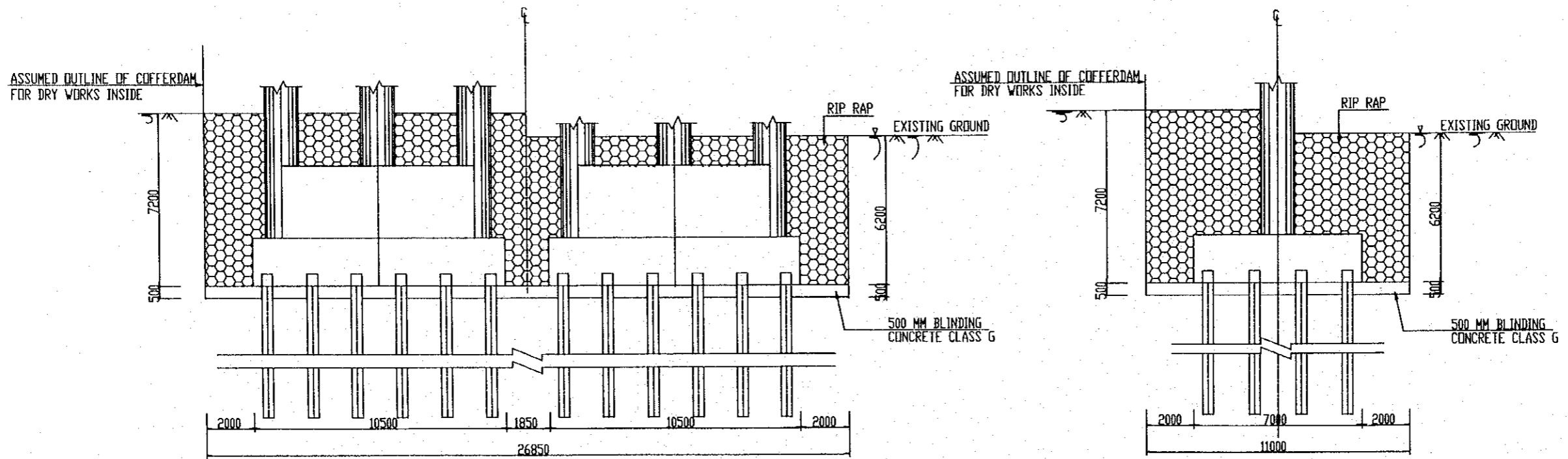
HALF SECTION 2-2

HALF SECTION 3-3

HALF SECTION 4-4

(SCALE 1/200)

(SCALE 1/200)



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 NAI BRIDGE PIERS PIERS PROTECTION	P3/BR5/0400

QUANTITY TABLE OF PIERS

(Per One Direction)

Items		Unit	Pier 1	Pier 2	Total	
Pile	Number of piles	Pile	24	24	48	
	Total length Rc piles D=450mm	m	960.0	960.0	1920.0	
	Concrete piles class D	m ³	195.1	195.1	390.2	
	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
	Pier	Concrete class E	m ³	476.6	476.6	953.1
Reinforcement		D10	kg	69.2	69.2	138.4
		D14	kg	6082.2	6082.2	12164.4
		D16	kg	1841.6	1841.6	3683.2
		D20	kg	1404.6	1404.6	2809.2
		D22	kg	7414.8	7414.8	14829.6
		D28	kg	3645.0	3645.0	7290.0
		D32	kg	18218.8	18218.8	36437.6
Total		kg	38676.2	38676.2	77352.4	
Earth work		Excavation for foundation	m ³	2173.8	1892.6	4066.4
		Blinding Concrete class G	m ³	70.0	70.0	139.9
		Rip rap	m ³	1706.8	1443.4	3150.2
Cofferdams		Sheet pile Larsen IV	m	13290.8	13290.8	26581.5
		Steel pile I 400	m	720.0	720.0	1440.0
	Brace C 300	m	543.0	543.0	1086.0	

NOTES:

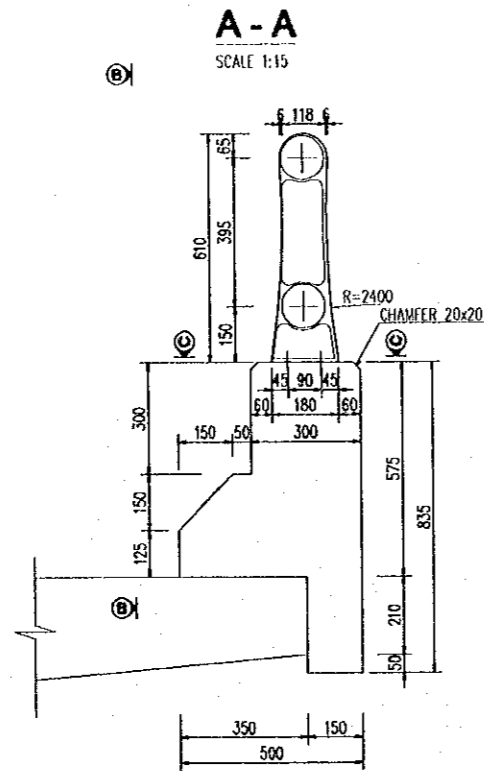
- 1- FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO P3/URS/0030
- 2- QUANTITY OF PILE CONCRETE IN THE TABLE DOES NOT INCLUDE THE VOLUME OF TRIMMING OUT OF THE PILE HEAD.

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 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 NAI BRIDGE PIERS QUANTITY TABLE OF PIERS	P3/BR5/0410

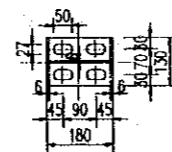
V. MISCELLANEOUS

DETAIL OF PARAPET AND RAILING

SCALE 1:20



C - C



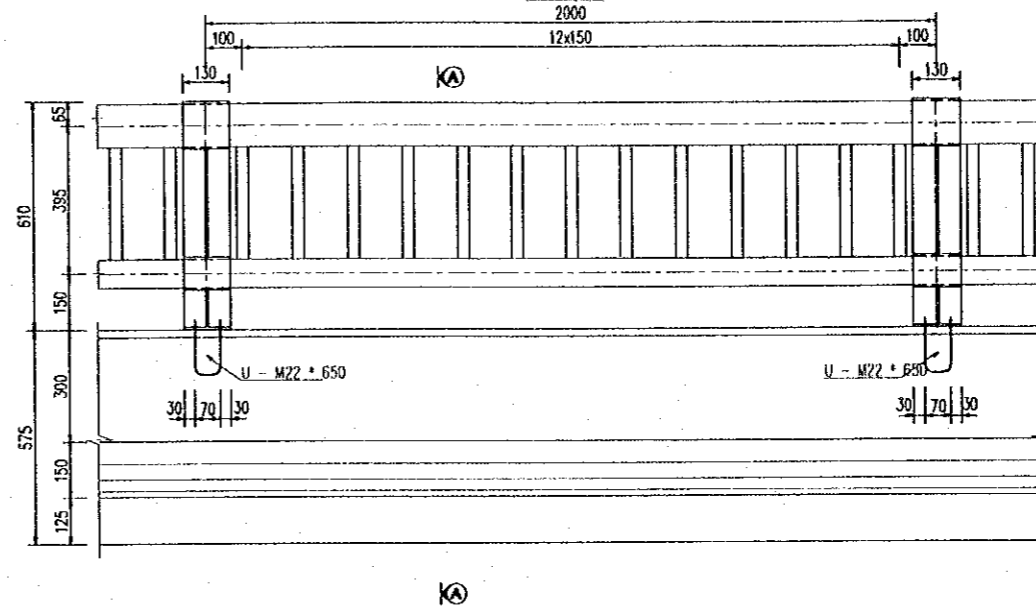
NOTES:

- FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO. P3/BR5/0030.
- UNLESS OTHERWISE NOTED, ALL STRUCTURAL STEEL SHALL BE HOT DIPPED GALVANISED FOLLOWED BY SPECIFICATION PAINT PROTECTION SYSTEM.

QUANTITY OF RAILING (PER 10M LONG)

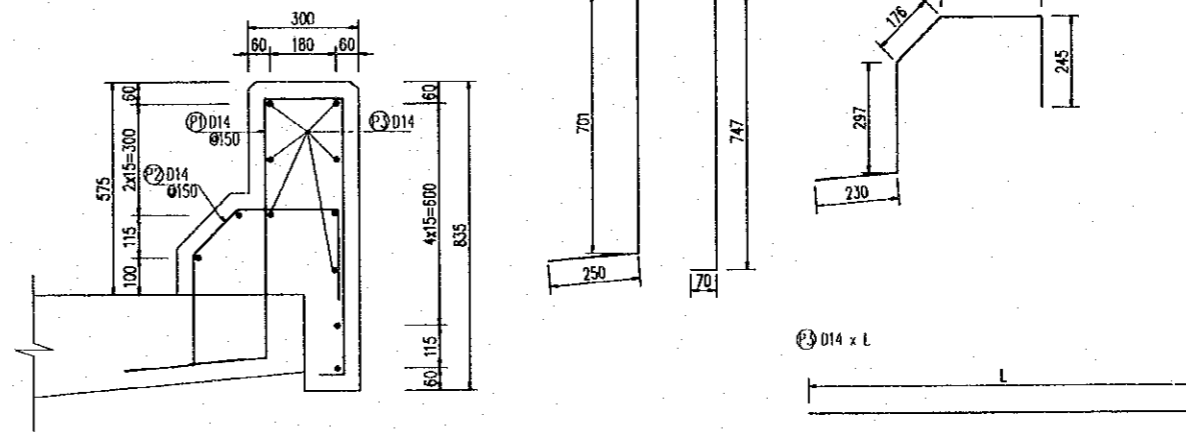
ITEM	SIZE	MATERIAL	UNIT WEIGHT	QUANTITY	UNIT	WEIGHT(KG)	REMARK
POST	610*180*130	FCD-450	18.1	5	EACH	90.5	GALVANIZING
UPPER RAIL	114.3*3.51	STK-400	19.5	10	M	195.0	
BOTTOM RAIL	76.3*2.51	STK-400	5.77	10	M	57.7	
CONNECTION	490*300	STK-400	2.13	1.67	EACH	3.6	
	67.5*300	STK-400	1.4	1.67	EACH	2.3	
ANCHO BOLT	M22. 650	SS-400	2.9	20	EACH	58.0	
VERTICAL MEMBER	F80*32*300	SS-400	2.09	65	EACH	135.9	

B - B



REINFORCEMENT OF PARAPET

SCALE 1:20



LIST OF REINFORCEMENT OF PARAPET (PER 10M LONG)

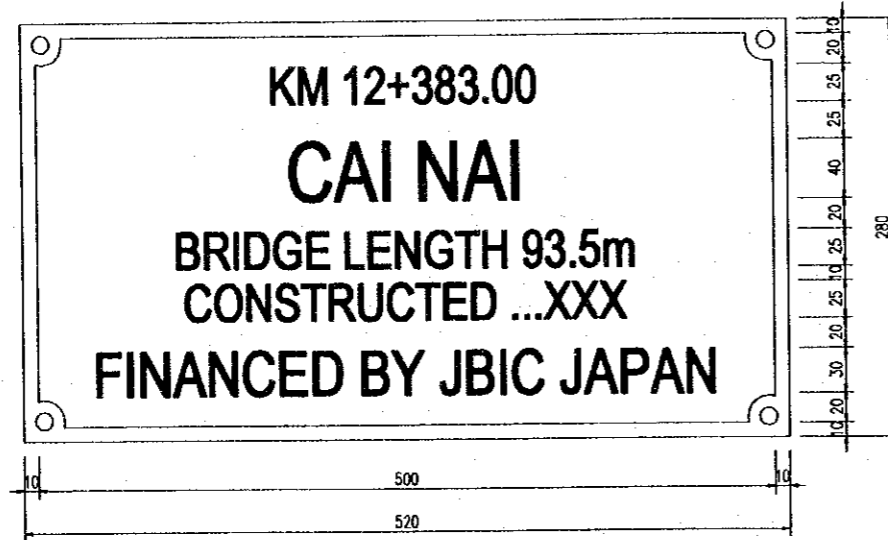
NAME	DIAMETER (mm)	LENGTH (mm)	NUMBER	U. WEIGHT (kg/m)	WEIGHT (kg)
P1	14	1980	68	1,208	162.7
P2	14	1225	68	1,208	100.5
P3	14	10000	11	1,208	132.9
D14 CONCRETE				396.1	kg
				2.55	m3

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	NIPPON KOEI CO.,LTD.	T. Kametani	K. Matsumoto	K. Enomoto	CAI NAI BRIDGE MISCELLANEOUS DETAILS OF PARAPET AND RAILINGS	P3/BR5/0420
				NAME	DATE	DATE		
				20/9/2000	29/9/2000	5/10/2000		

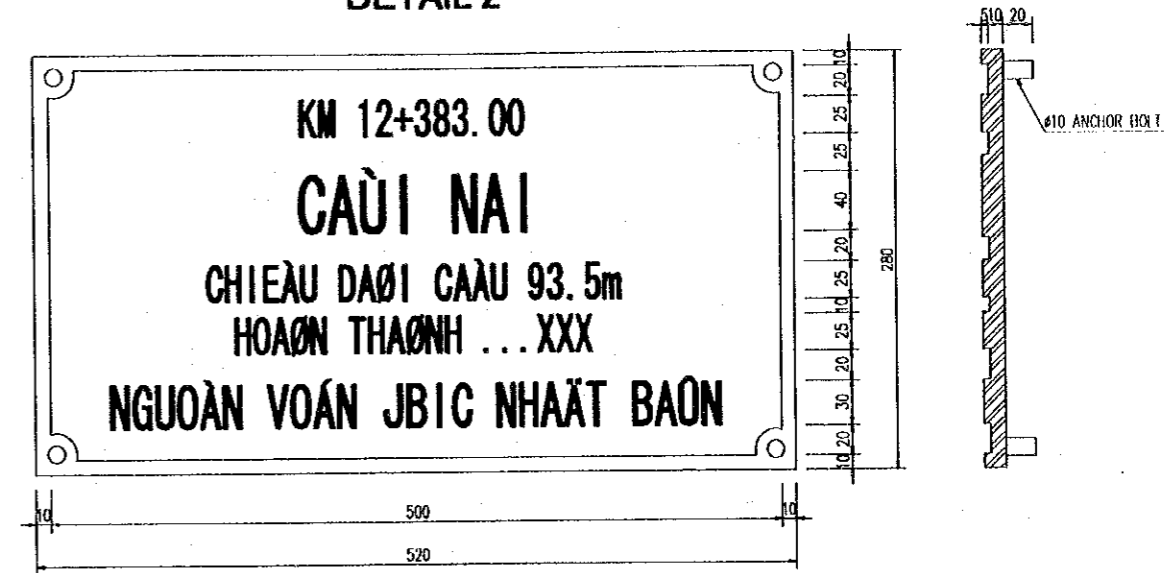
DETAIL OF BRIDGE NAME PLAQUE

SCALE 1:5

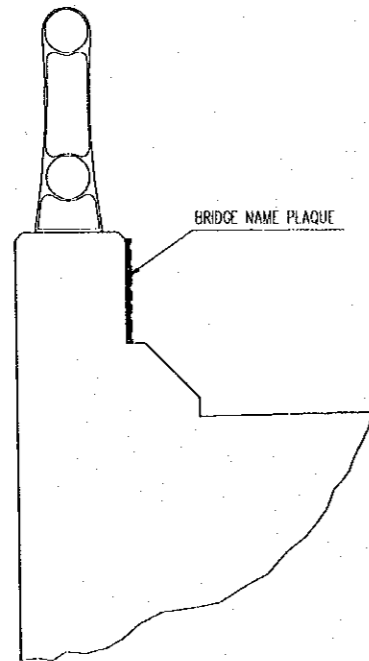
DETAIL 1



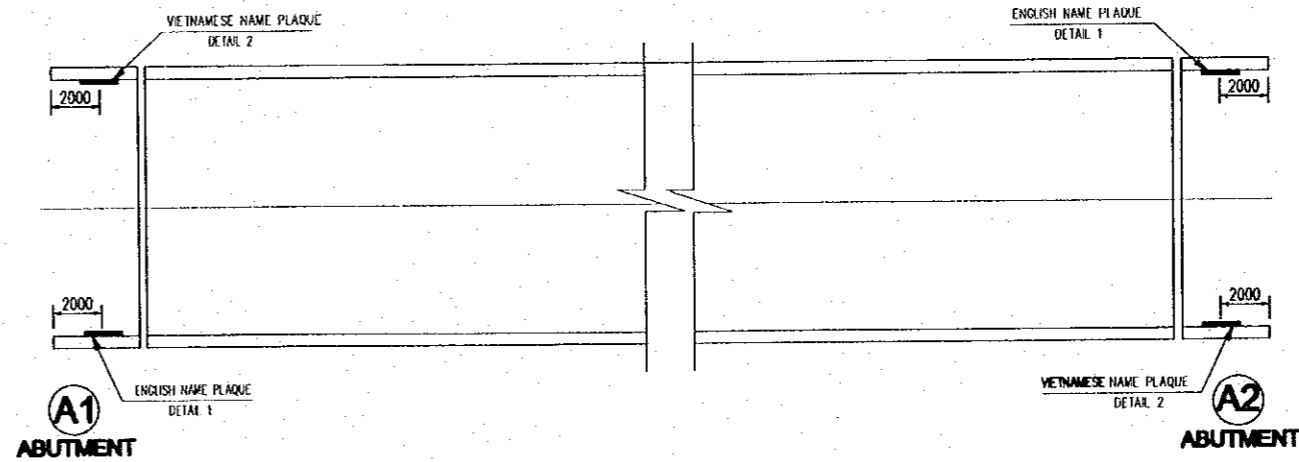
DETAIL 2



LOCATION OF NAME PLAQUE



PLAN



NOTES

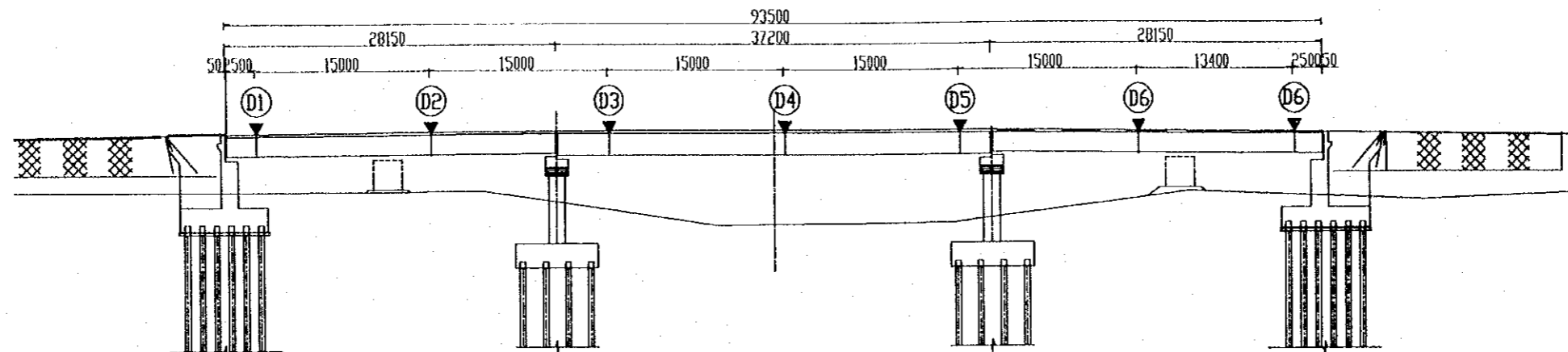
1. FOR STANDARD STRUCTURAL NOTES SEE DRAWING No.P3/BR5/0030.
2. MATERIAL SHALL BE BRONZE.
3. THE DATE TO BE ENTERED AGAINST CONSTRUCTED SHALL BE AS INSTRUCTED BY THE ENGINEER.
4. ONE PLATE SHALL BE MADE IN ENGLISH AND ONE IN VIETNAMESE.
THE EXACT FIXING LOCATIONS TO BE INSTRUCTED BY THE ENGINEER.

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 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 NAI BRIDGE MISCELLANEOUS BRIDGE NAME PLAQUE	P3/BR5/0430

DRAINAGE AND LIGHTING POLES LAYOUT

ELEVATION

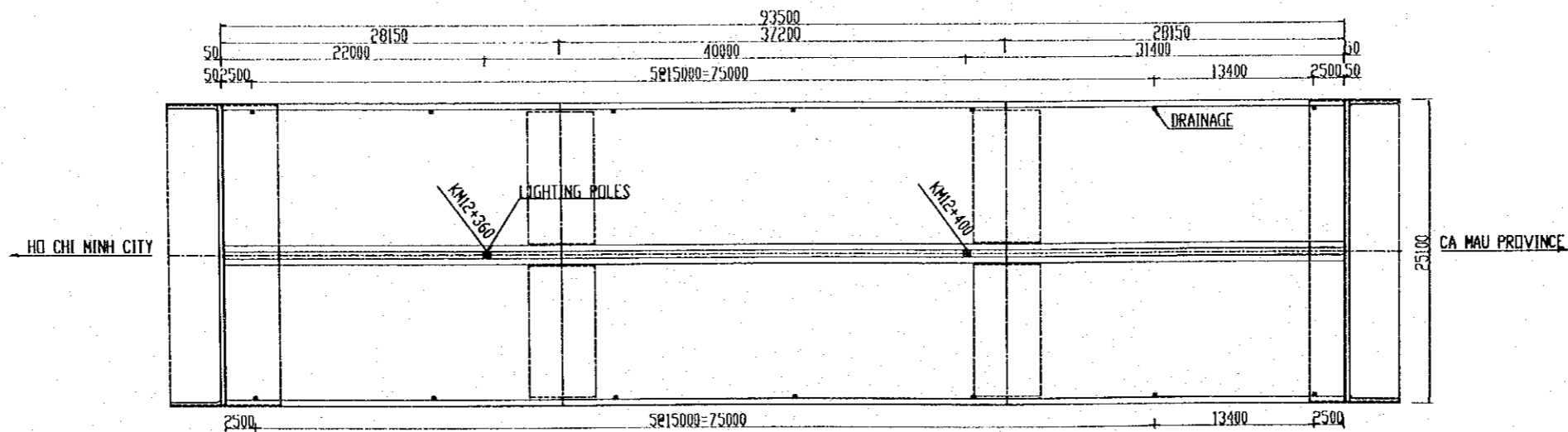
(SCALE 1:500)



DRAINAGE AND LIGHTING POLES LAYOUT

PLAN

(SCALE 1:500)



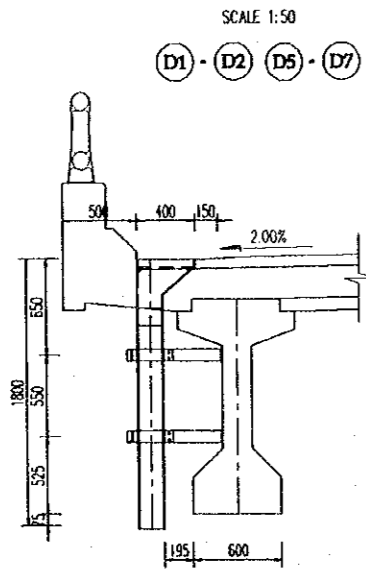
NOTES:

FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO P3/BR5/0030

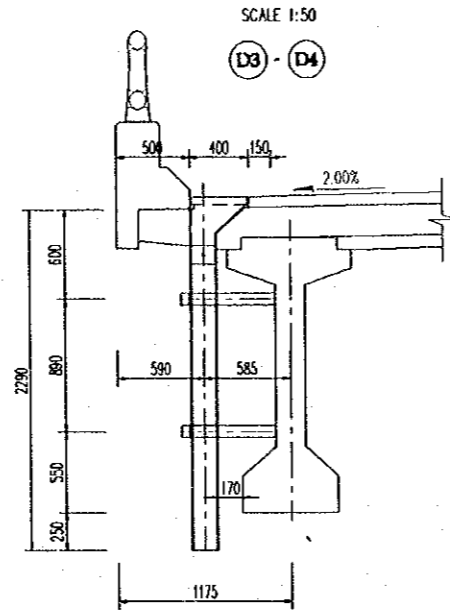
PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM	PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT 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 NAI BRIDGE MISCELLANEOUS DRAINAGE AND LIGHTING POLES LAYOUT	P3/BR5/0440

DETAILS OF DRAINAGE ON BRIDGE

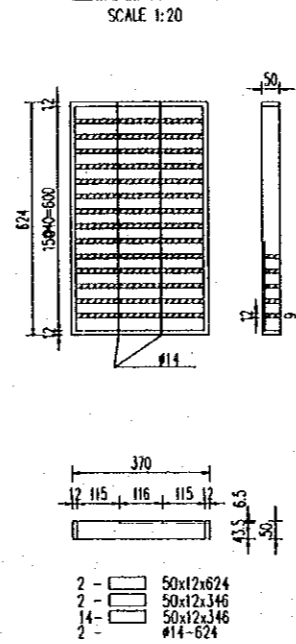
DRAINAGE TYPE A



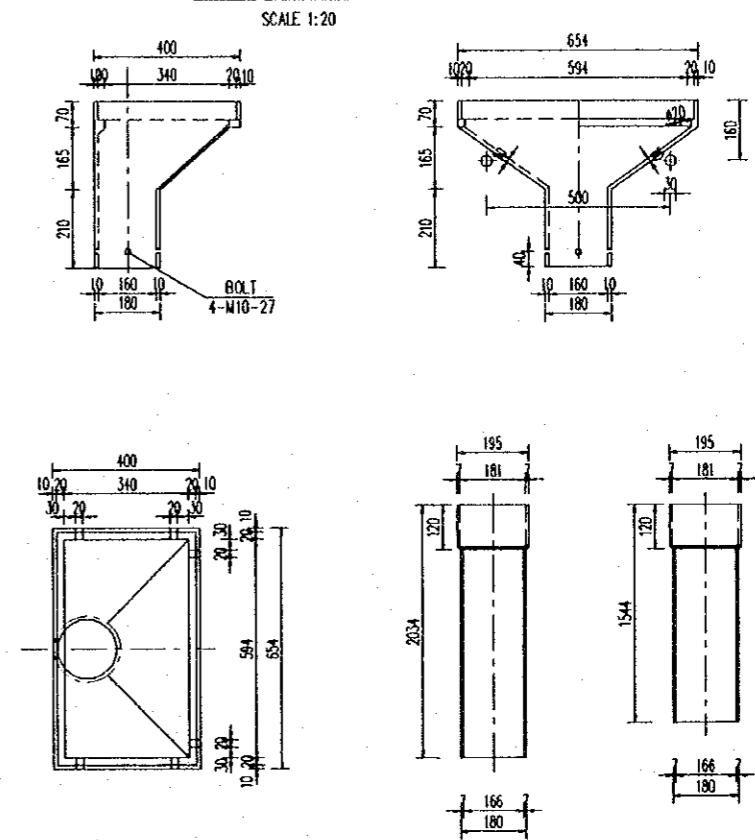
DRAINAGE TYPE B



SCREEN

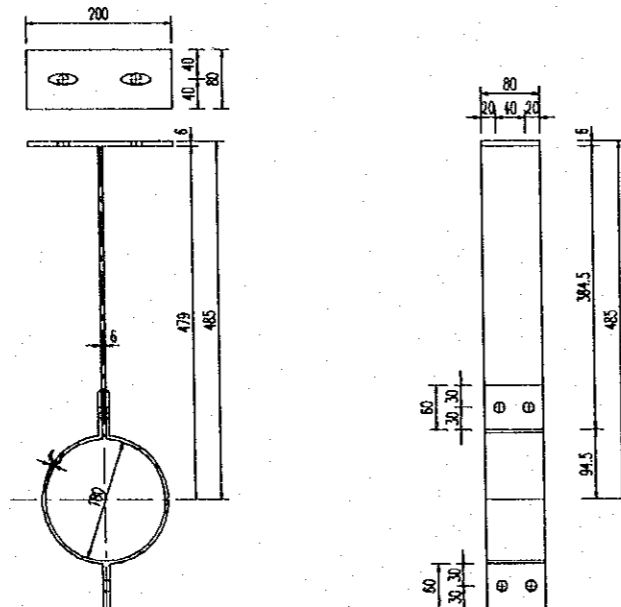


DRAIN BOX



HANGER

(SCALE 1:10)



BOLT

SCALE 1:10



NOTES

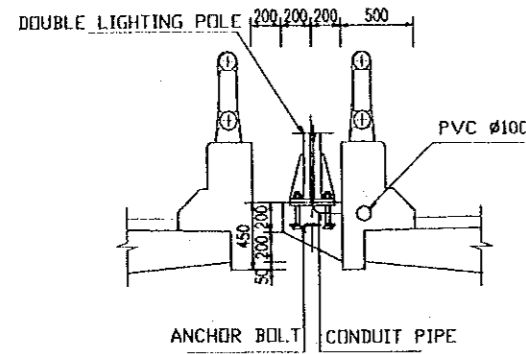
FOR STANDARD STRUCTURAL NOTES SEE DRAWING P3/BR5/0030.

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 NAI BRIDGE MISCELLANEOUS DETAILS OF DRAINAGE ON BRIDGE	P3/BR5/0450
				SIGNATURE	SIGNATURE	SIGNATURE		
				DATE	DATE	DATE		

DETAILS OF LIGHTING POLES' BASE

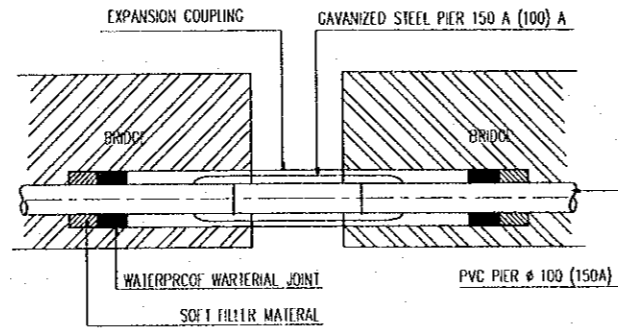
CROSS SECTION

(SCALE 1:150)



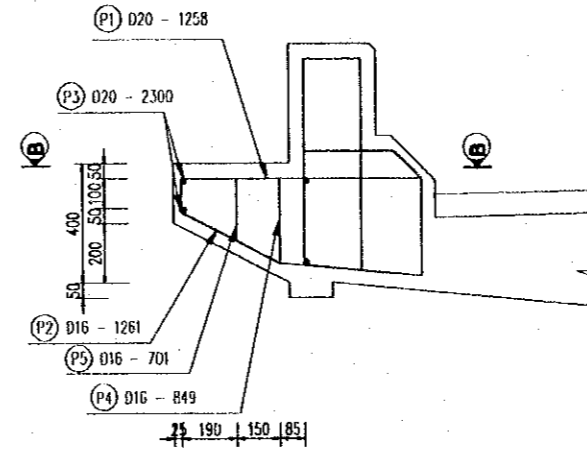
CONDUIT EXPANSION JOINT FOR BRIDGE

(SCALE 1:25)



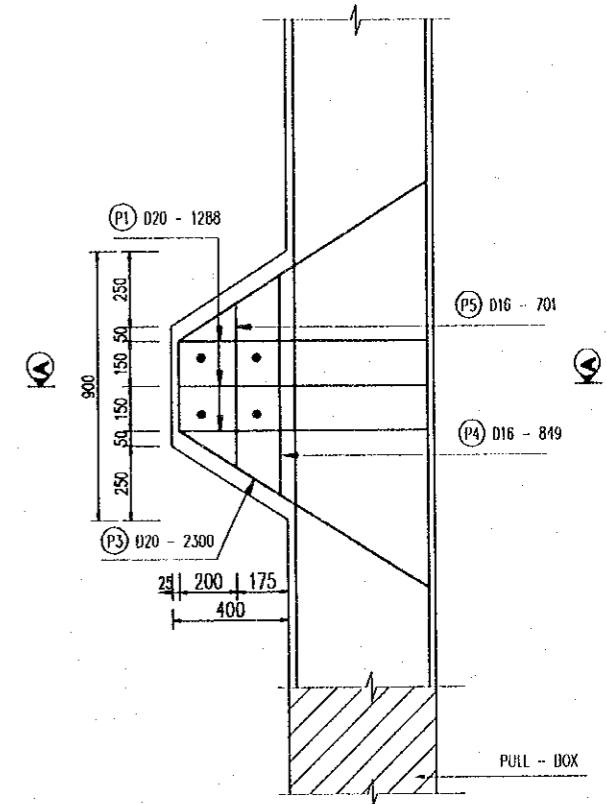
SECTION A-A

(SCALE 1:25)



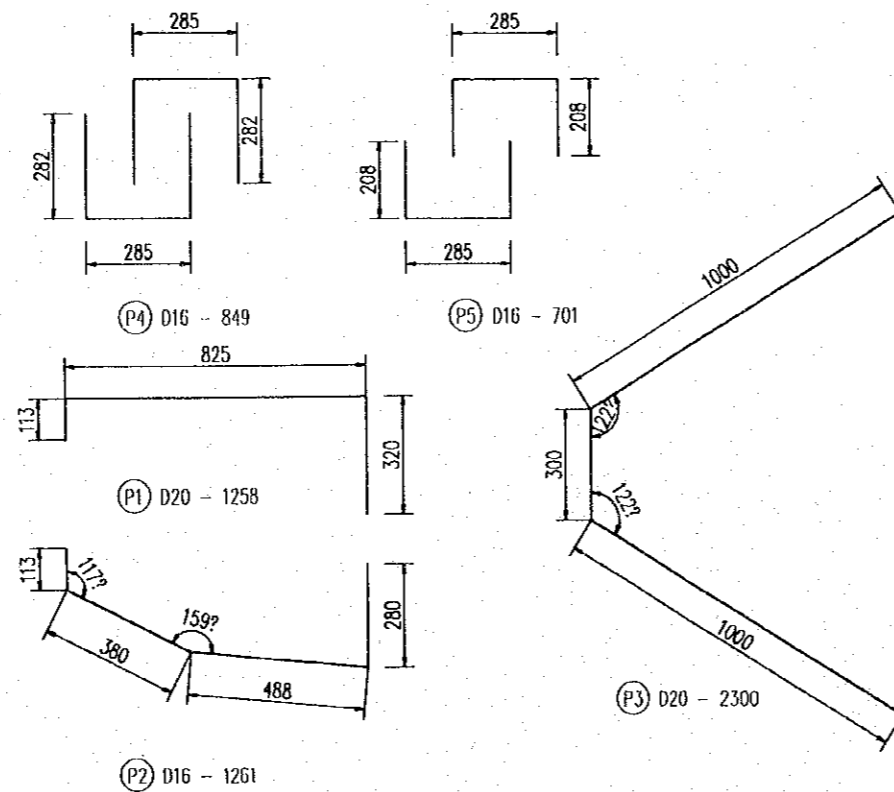
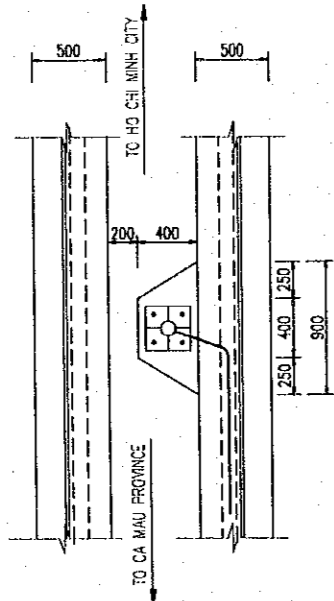
SECTION B-B

(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 :					
D16					31.51 kg
D20					10.86 kg
CONCRETE					20.65 kg
					0.088 m ³

NOTES

- FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO. P3/BR5/0030.
- 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.




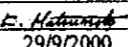
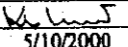
PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM	PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	(NK) NIPPON KOEI CO.,LTD.	NAME: T. Kametani SIGNATURE: [Signature] DATE: 20/9/2000	K. Matsumoto [Signature] 29/9/2000	K. Enomoto [Signature] 5/10/2000	CAI NAI BRIDGE MISCELLANEOUS DETAILS OF LIGHTING POLES' BASES	P3/BR5/0460

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 ϕ 100		M	374.00	
DRAINAGE	PBT		SET	14	
	PIPE ϕ 180		M	24.56	

NOTES

FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO P3/BR5/0030.



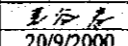
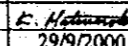
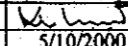
PROJECT NAME DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	IMPLEMENTATION AGENCY  JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	EXECUTING AGENCY SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	JICA STUDY TEAM  NIPPON KOEI CO.,LTD.	PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE CAI NAI BRIDGE MISCELLANEOUS QUANTITY TABLE OF MISCELLANEOUS WORKS	DWG NO. P3/BR5/0470	
				NAME	T. Kametani	K. Matsumoto			K. Enomoto
				SIGNATURE					
DATE	20/9/2000	29/9/2000	5/10/2000						

P3/BR6 AP MY BRIDGE

DRAWING LIST

	Drawing No	Drawing Name
I		GENERAL
1	P3/BR6/0010	DRAWING LIST
2	P3/BR6/0020	ABBREVIATIONS AND SYMBOLS
3	P3/BR6/0030	STRUCTURAL NOTES
4	P3/BR6/0040	LOCATION MAP
5	P3/BR6/0050	COORDINATES OF BRIDGE
6	P3/BR6/0060	GENERAL VIEW - SHEET 1
7	P3/BR6/0070	GENERAL VIEW - SHEET 2
8	P3/BR6/0080	GENERAL VIEW - SHEET 3
9	P3/BR6/0090	QUANTITY TABLE OF BRIDGE
II		SUPERSTRUCTURE
10	P3/BR6/0100	GIRDER LAYOUT - SHEET 1
11	P3/BR6/0110	GIRDER LAYOUT - SHEET 2
12	P3/BR6/0120	GENERAL VIEW OF "I" GIRDER L= 25.0m, H= 1.45m.
13	P3/BR6/0130	GENERAL VIEW OF "I" GIRDER L= 25.0m, H= 1.65m.
14	P3/BR6/0140	GENERAL VIEW OF "I" GIRDER L= 28.0m
15	P3/BR6/0150	GENERAL VIEW OF "I" GIRDER L= 37.0m
16	P3/BR6/0160	TENDON ARRANGEMENT OF "I" GIRDER L= 25.0m, H= 1.45m.
17	P3/BR6/0170	TENDON ARRANGEMENT OF "I" GIRDER L= 25.0m, H= 1.65m.
18	P3/BR6/0180	TENDON ARRANGEMENT OF "I" GIRDER L= 28.0m
19	P3/BR6/0190	TENDON ARRANGEMENT OF "I" GIRDER L= 37.0m
20	P3/BR6/0200	TENDON ARRANGEMENT OF DIAPHRAGMS
21	P3/BR6/0210	REINFORCEMENT OF "I" GIRDER L= 25.0m, H= 1.45m.
22	P3/BR6/0220	REINFORCEMENT OF "I" GIRDER L= 25.0m, H= 1.65m.
23	P3/BR6/0230	REINFORCEMENT OF "I" GIRDER L= 28.0m
24	P3/BR6/0240	REINFORCEMENT OF "I" GIRDER L= 37.0m
25	P3/BR6/0250	REINFORCEMENT OF DIAPHRAGMS-SHEET 1
26	P3/BR6/0260	REINFORCEMENT OF DIAPHRAGMS-SHEET 2
27	P3/BR6/0270	DECK SLAB REINFORCEMENT - SHEET 1
28	P3/BR6/0280	DECK SLAB REINFORCEMENT - SHEET 2
29	P3/BR6/0290	DECK SLAB REINFORCEMENT - SHEET 3
30	P3/BR6/0300	DECK SLAB REINFORCEMENT - SHEET 4



	Drawing No	Drawing Name
31	P3/BR6/0310	DECK SLAB REINFORCEMENT - SHEET 5
32	P3/BR6/0320	DECK SLAB REINFORCEMENT - SHEET 6
33	P3/BR6/0330	DETAILS OF BEARINGS
34	P3/BR6/0340	DETAILS OF EXPANSION JOINTS
35	P3/BR6/0350	QUANTITY TABLES OF SUPERSTRUCTURE
III		ABUTMENTS
36	P3/BR6/0360	GENERAL VIEW OF ABUTMENTS A1 & A2
37	P3/BR6/0370	ABUTMENTS A1 & A2 - RC PILE □450 - L=40.0m - SHEET 1
38	P3/BR6/0380	ABUTMENTS A1 & A2 - RC PILE □450 - L=40.0m - SHEET 2
39	P3/BR6/0390	REINFORCEMENT OF ABUTMENTS A1 & A2 - SHEET 1
40	P3/BR6/0400	REINFORCEMENT OF ABUTMENTS A1 & A2 - SHEET 2
41	P3/BR6/0410	REINFORCEMENT OF ABUTMENTS A1 & A2 - SHEET 3
42	P3/BR6/0420	EARTHWORK SLOPE PROTECTION
43	P3/BR6/0430	DETAILS OF APPROACH SLAB
44	P3/BR6/0440	QUANTITY TABLE OF ABUTMENTS
IV		PIERS
45	P3/BR6/0450	GENERAL VIEW OF PIERS P1 & P4
46	P3/BR6/0460	GENERAL VIEW OF PIERS P2 & P3
47	P3/BR6/0470	PIERS P1 ~ P4 - RC PILE □460 - L=40.0m - SHEET 1
48	P3/BR6/0480	PIERS P1 ~ P4 - RC PILE □450 - L=40.0m - SHEET 2
49	P3/BR6/0490	BAR ARRANGEMENT OF PIERS P1 & P4 - SHEET 1
50	P3/BR6/0500	BAR ARRANGEMENT OF PIERS P1 & P4 - SHEET 2
51	P3/BR6/0510	BAR ARRANGEMENT OF PIERS P2 & P3 - SHEET 1
52	P3/BR6/0520	BAR ARRANGEMENT OF PIERS P2 & P3 - SHEET 2
53	P3/BR6/0530	PIER PROTECTION
54	P3/BR6/0540	QUANTITY TABLE OF PIERS
V		MISCELLANEOUS
55	P3/BR6/0550	DETAILS OF PARAPET AND RAILINGS
56	P3/BR6/0560	BRIDGE NAME PLAQUE
57	P3/BR6/0570	DRAINAGE AND LIGHTING POLE LAYOUT
58	P3/BR6/0580	DETAILS OF DRAINAGE ON BRIDGE
59	P3/BR6/0590	DETAILS OF LIGHTING POLE BASES
60	P3/BR6/0600	QUANTITY TABLE OF MISCELLANEOUS BRIDGE

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	NAME K. Matsumoto SIGNATURE  DATE 29/9/2000	NAME K. Enomoto SIGNATURE  DATE 5/10/2000	AP MY BRIDGE GENERAL DRAWING LIST	P3/BR6/0010

I. GENERAL

ABBREVIATIONS AND SYMBOLS

A	PARAMETER OF CLOTHOID CURVE	I.P	POINT OF INTERSECTION
⊙	AT	KG	KILOGRAM
ABUT	ABUTMENT	KM	KILOMETER
AC	ASPHALT CONCRETE	KPH	KILOMETER PER HOUR
APPR	APPROACH	L	LEGNTH OF CURVE WITH SPIRAL
ASPH	ASPHALT	LC	LENGTH OF CIRCULAR CURVE
&	AND	LS	LENGTH OF SPIRAL CURVE
A > B	A IS LARGER THAN B	LVC	LENGTH OF VERTICAL CURVE
BOR	BORING	LIN.M	LINEAR METER
BR	BRIDGE	M	METER
BX	BOX CULVERT	M ²	SQUARE METER
C	CUT	M ³	CUBIC METER
CTC	CENTER TO CENTER	MAX	MAXIMUM
℄	CENTERLINE	MIN	MINIMUM
CM	CENTIMETER	MOV	MOVABLE
CONC	CONCRETE	N.G.L	NATURAL GROUND LEVEL
CONST	CONSTRUCTION	OV	OVER BRIDGE
CONT	CONTINUOUS	%	PERCENT
C.S	CIRCULAR CURVE TO SPIRAL CURVE	P	PIPE CULVERT
CU.M	CUBIC METER	PC	BEGINNING POINT OF SIMPLE CURVE
DIA or ∅	DIAMETER	PE.W	PARAPET WALL
DC	DRAINAGE CATCHBASIN	P.C	PRESTRESSED CONCRETE
DI	DRAINAGE INLET	P/C	PRE - CAST
DL	DATUM LINE	PH	PLAN HEIGHT
DO	DRAINAGE OUTLET	P.I	POINT OF INTERSECTION FOR HORIZONTAL ALIGNMENT
DS	DRAINAGE SIDEDITCH	PT	END OF POINT OF SIMPLE CURVE
DW	MORTARED RUBBLE PAVED WATERWAY	PC	PLATE COVER
E.P	END POINT	R	RADIUS OF CIRCULAR CURVE
E.V	MIDDLE ORDINATE VERTICAL CURVE	R.C	REINFORCED CONCRETE
EL	ELEVATION	R.O.W	RIGHT OF WAY
EQ	EQUAL	RW	RETAINING WALL
EXC	EXCAVATION	S.C	SPIRAL CURVE TO CIRCULAR CURVE
EXP	EXPANSION	S.P	SLOPE PROTECTION
F	FILL	S.P.P	STEEL PIPE PILE
FG	FINISHED GRADE	SQ	SQUARE
FIX	FIXED	SQ.M	SQUARE METER
FR	FRONTAGE ROAD	S.T	SPIRAL CURVE TO TANGENT
FTOF	FACE TO FACE	STA	STATION
G.F	GUARD FENCE	SM	STONE MASONRY
GR	GUARD RAIL	T	THICKNESS
GIR	GIRDER	T.S	TANGENT TO SPIRAL
H	HEIGHT	T.L	TANGENT LENGTH OF CIRCULAR CURVE
D.F.WL	DATUM FLOODED WATER LEVEL	To	TANGENT LENGTH OF SPIRAL
HWY	HIGHWAY	V	DESIGN SPEED IN KPH
I	GRADIENT	W	WIDTH
I.C	INTERCHANGE	X	EASTING COORDINATE IN METERS

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	AP MY BRIDGE GENERAL ABBREVIATIONS AND SYMBOLS	P3/BR.6/0020
				SIGNATURE	<i>T. Kametani</i>	<i>K. Matsumoto</i>		
				DATE	20/9/2000	29/9/2000		

STRUCTURAL NOTES

1. GENERAL

- 1.1. UNLESS OTHERWISE NOTED THESE NOTES ARE APPLIED TO ALL DRAWINGS.
- 1.2. THE SCALE INDICATED IN DRAWINGS IS FOR 'A3' SIZE.
- 1.3. ALL CHAINAGES, COORDINATES, ELEVATIONS ARE IN METRES. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE INDICATED.
- 1.4. THE ELEVATION SYSTEM IS REFERRED TO THE MEAN SEA DATUM ELEVATION AT HONDAU - DO SON. COORDINATE REFER TO THE NATIONAL GRID SYSTEM.

2. DESIGN CRITERIA & LOADS

- 2.1. DESIGN STANDARDS:
 - AASHTO 1998 - LRFD BRIDGE DESIGN SPECIFICATIONS
 - AASHTO GUIDE SPECIFICATIONS FOR DESIGN AND CONSTRUCTION OF SEGMENTAL CONCRETE BRIDGES
 - JAPANESE HIGHWAY AND BRIDGE STANDARDS 1998
 - VIETNAMESE HIGHWAY BRIDGES STANDARDS 1979
- 2.2. DESIGN LOADS:
 - B_LOADING IN ACCORDANCE WITH JAPANESE CODE
 - PEDESTRIAN LOAD : 3.6 kN/M² - AASHTO LRFD 1998
 - BASIC WIND VELOCITY : 160 KM/H - AASHTO LRFD 1998
 - LATERAL SEISMIC RESPONSE COEFFICIENT : 0.12
 - VESSEL IMPACT : VIETNAMESE HIGHWAY BRIDGES STANDARDS 1979
 - TEMPERATURE RANGE : 17.7°C TO 36.7°C
 - UNIFORM TEMPERATURE : ±10°C
 - TEMPERATURE DIFFERENTIAL : 5°C

3. CONCRETE

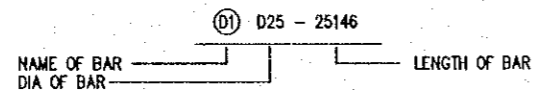
- 3.1. UNLESS OTHERWISE INDECATED CONCRETE SHALL BE OF THE FOLLOWING GRADES BASED ON 28 DAY CYLINDER STRENGTH f_c :

CONCRETE CLASS	STRENGTH f_c MPa	KIND OF STRUCTURE IN USE
B	40	PC BOX GIRDER, I-GIRDER
C	35	HOLLOW SLAB
D	30	IN-SITU DECK SLAB, BORED PILE
E	24	PIER, ABUTMENT, PILE CAP, RETAINING WALL, PARAPET, BARRIER, KERB
G	15	LEAN CONCRETE

- 3.2. WHEREVER FORMS ARE NOT USED REINFORCED CONCRETE SHALL BE PLACED AGAINST 100mm MINIMUM THICKNESS LEAN CONCRETE.
- 3.3. ALL EXPOSED EDGES OF CONCRETE SHALL BE CHAMFERED 20x20mm UNLESS OTHERWISE NOTED.
- 3.4. ALL CONSTRUCTION JOINTS ARE TO BE LOCATED AS SHOWN ON THE DRAWINGS OR AS ENGINEER'S APPROVAL.

4. REINFORCEMENT

- 4.1. REINFORCEMENT SHALL BE DEFORMED, EXCEPT THAT PLAIN BARS OR PLAIN WIRE MAY BE USED FOR SPIRALS, HOOPS, AND WIRE FABRIC.
- 4.2. REINFORCEMENT SHALL BE SD390 OR EQUIVALENT. PLAIN ROUND BAR WITH $f_y(\min)$ 250 MPa AND HIGH YIELD DEFORMED BARS WITH YIELD STRENGTH NOT LESS THAN $f_y(\min)$ 390 MPa SHALL BE USED.
- 4.3. REINFORCEMENT IS NOTED ON THE DRAWINGS AS FOLLOWS:



- 4.4. ALL REINFORCEMENTS ARE SHOWN AS _____
- 4.5. SPLICES IN ADJACENT BARS SHALL BE STAGGERED EXCEPT WHERE NOTED ON THE DRAWINGS. SPLICES OTHER THAN THOSE SHOWN ON THE DRAWINGS MAY ONLY BE MADE WITH THE ENGINEER'S APPROVAL.

4. REINFORCEMENT (CONTINUED)

- 4.6. REINFORCEMENTS INDECATED AS RANDOM LENGTH MAY BE LAP SPLICED AS NECESSARY SUBJECT TO THE FOLLOWING CONDITIONS:
 - A) LAP SPLICES IN ADJACENT BARS SHALL BE STAGGERED
 - B) MINIMUM LAP LENGTHS SHALL BE IN ACCORDANCE WITH AASHTO LRFD 1998, EXCEPT BORED PILE SHALL BE 40 BAR DIAMETERS
 - C) NOT MORE THAN ONE BAR PER LINE IS TO BE SHORTER THAN 12 METRES FOR ANY DIAMETER
- 4.7. UNLESS OTHERWISE INDECATED ON THE DRAWINGS, THE MINIMUM COVER TO ANY REINFORCEMENT SHALL BE AS FOLLOWS:
 - 75mm BORED PILE, RETAINING WALL & ABUTMENT
 - 50mm PILE CAP, DECK SLAB, PIER & ABUTMENT, PARAPET, KERB, APPROACH SLAB, etc...
 - TOLERANCE ON COVER IS +/-5MM

5. PRESTRESSING

- 5.1. NOMINAL DIAMETER, YIELD AND TENSILE STRENGTH OF PRESTRESSED TENDON ARE SPECIFIED AS FOLLOWS:

UTILIZATION	NOMINAL DIAMETER (mm)	TENSILE STRENGTH (MPa)	YIELD STRENGTH (MPa)	JACKING FORCE (kN)
INTERNAL CABLE	12S12.7	1860	1675	1650
TRANSVERSE CABLE	3S12.7	1860	1675	415

- 5.2. PRESTRESSED TENDONS SHALL BE FORMED FROM THE STRANDS OF 12.7mm DIAMETER MADE BY 7 LOW RELAXATION WIRES GRADE 270 CORRESPONDING WITH ASTM A416M. THE ACTUAL TENDON SIZES AND INITIAL PRESTRESSING FORCE ARE GIVEN ON THE DETAIL DRAWINGS.
- 5.3. PRESTRESSED SYSTEMS TO BE ADOPTED SHALL BE IN ACCORDANCE WITH THE ENGINEER'S APPROVAL.
- 5.4. DUCTS FOR INTERNAL TENDONS SHALL BE SEMI-RIGID GALVANISED SHEATHING UNLESS OTHERWISE NOTED AND SHALL BE RIGIDLY SUPPORTED AT NOT MORE THAN 750mm FROM CENTRES.
- 5.5. THE METHOD TO FIX THE DUCTS AND THE METHOD OF JOINTING AND SEALING OF DUCTS AT CONSTRUCTION JOINTS SHALL BE IN ACCORDANCE WITH THE ENGINEER'S APPROVAL.
- 5.6. TENDON PROFILES ARE SPECIFIED TO THE CENTER OF SHEATHING. THE TENDON ARE TO BE PLACED TO SMOOTH PROFILES PASSING THROUGH THE SPECIFIED POINTS.
- 5.7. EACH TENDON SHALL BE KEPT STRAIGHT FOR A MINIMUM LENGTH OF 1000mm FROM ANCHORAGE FACES.
- 5.8. GROUTING POINTS SHALL BE PROVIDED AT ALL CROWN POINTS, SAG POINTS, ANCHORAGES AND DEVIATORS.

6. WATERPROOF

- 6.1. ALL REINFORCED CONCRETE SURFACES IN CONTACT WITH BACKFILL SHALL BE COATED WITH TWO COATS OF BITUMINOUS MEMBRANE.
- 6.2. THE BRIDGE DECK SHALL BE WATERPROOFED WITH APPROVED PROPRIETARY WATERPROOFING SYSTEM IN ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS.

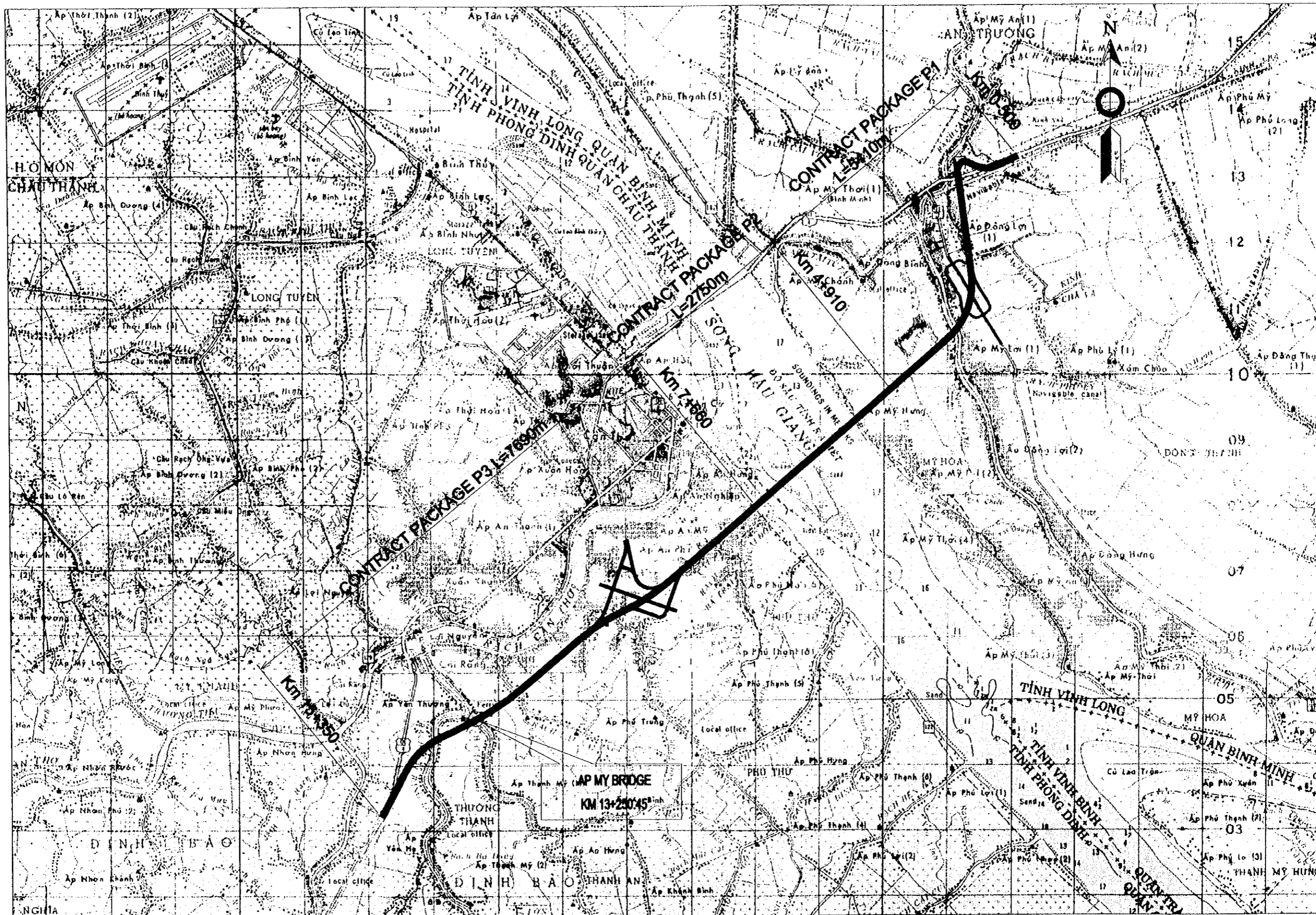
7. SUPERSTRUCTURE

- 7.1. SUPERSTRUCTURE IS DESIGNED ON THE BASIS OF CONSTRUCTION SEQUENCE DETAILED ON THE DRAWINGS. ANY CHANGES TO THE CONSTRUCTION SEQUENCE WILL REQUIRE A RE-DESIGN OF THE BRIDGE.
- 7.2. THE SUPERSTRUCTURE DESIGN IS BASED ON THE USE OF INTERNAL PRESTRESSING WITH THE FOLLOWING PARAMETERS:

COEFFICIENT OF FRICTION - 1/RAD	0.25
WOBBLE FACTOR K - 1/m (FOR INTERNAL ONLY)	0.004
DRAW-IN	5 mm
RELATIVE HUMIDITY	85%

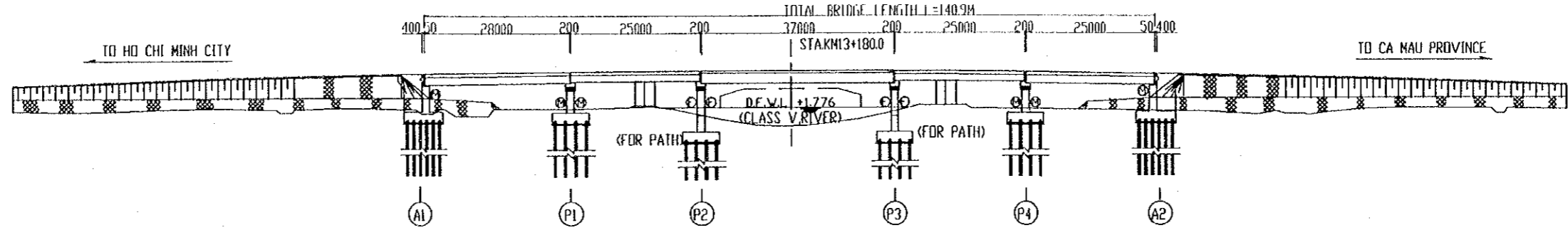
- 7.3. ANCHOR BAR SHALL BE CONFORMING TO THE REQUIREMENTS OF SS400 OF JIS G3101.

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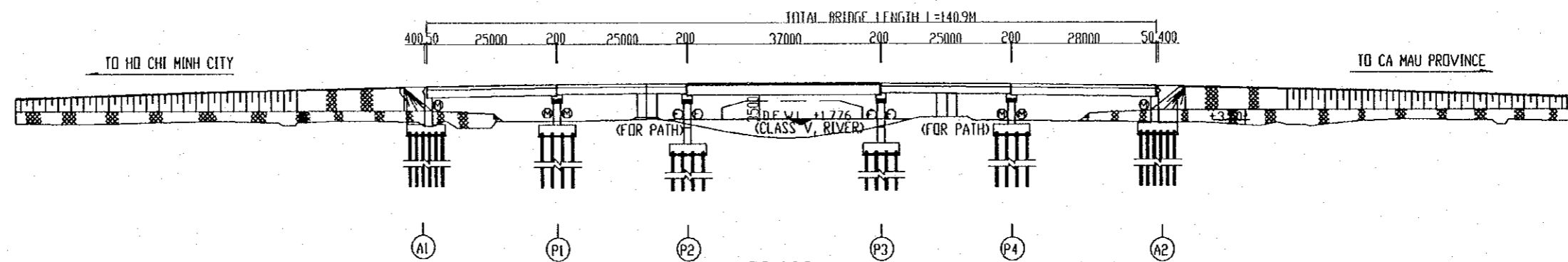


PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM	PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.	
				NAME	T. Kametani	K. Matsumoto			K. Enomoto
				SIGNATURE	<i>[Signature]</i>	<i>[Signature]</i>			<i>[Signature]</i>
DATE	20/9/2000	29/9/2000	5/10/2000				AP MY BRIDGE LOCATION MAP	P3/BR60040	

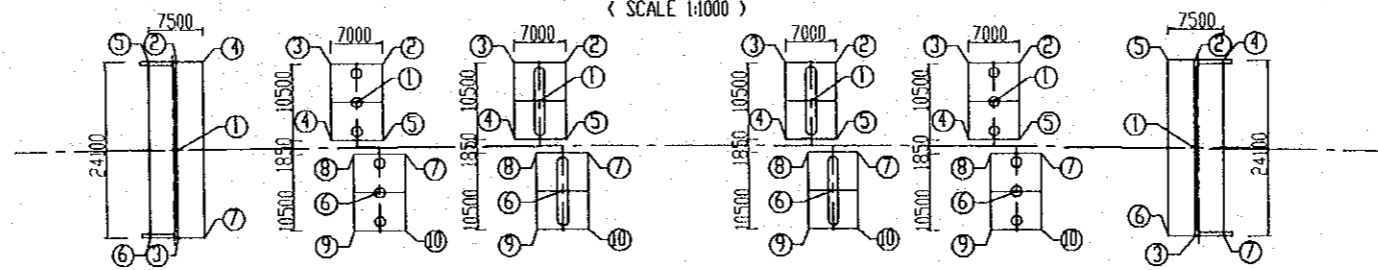
SIDE ELEVATION
(HO CHI MINH CITY-CA MAU DIRECTION)
(SCALE 1:1000)



SIDE ELEVATION
(CA MAU-HO CHI MINH CITY DIRECTION)
(SCALE 1:1000)



PLAN
(SCALE 1:1000)



COORDINATES TABLE

POINT	A1		P1		P2		P3		P4		A2	
	N	E	N	E	N	E	N	E	N	E	N	E
1	1105619.307	583302.615	1105602.315	583283.488	1105590.780	583261.083	1105573.953	583227.906	1105562.704	583205.355	1105555.915	583177.681
2	1105608.563	583308.072	1105596.049	583282.745	1105584.514	583260.340	1105567.687	583227.163	1105556.438	583204.612	1105545.170	583183.139
3	1105630.050	583297.157	1105599.220	583288.986	1105587.684	583266.581	1105570.857	583233.404	1105559.608	583210.853	1105566.659	583172.223
4	1105606.933	583304.862	1105608.581	583284.231	1105597.046	583261.825	1105580.219	583228.649	1105568.970	583206.098	1105543.404	583179.662
5	1105610.327	583311.550	1105605.411	583277.990	1105593.875	583255.584	1105577.049	583222.408	1105565.799	583199.857	1105546.803	583186.347
6	1105631.816	583300.635	1105611.967	583275.220	1105600.432	583252.815	1105583.605	583219.638	1105572.356	583197.087	1105568.290	583175.433
7	1105628.420	583293.948	1105605.702	583274.477	1105594.166	583252.072	1105577.339	583218.895	1105566.090	583196.345	1105564.893	583168.746
8			1105608.872	583280.718	1105597.336	583258.313	1105580.510	583225.136	1105569.260	583202.585		
9			1105618.233	583275.963	1105606.698	583253.558	1105589.871	583220.381	1105578.622	583197.830		
10			1105615.063	583269.722	1105603.528	583247.317	1105586.701	583214.140	1105575.452	583191.589		

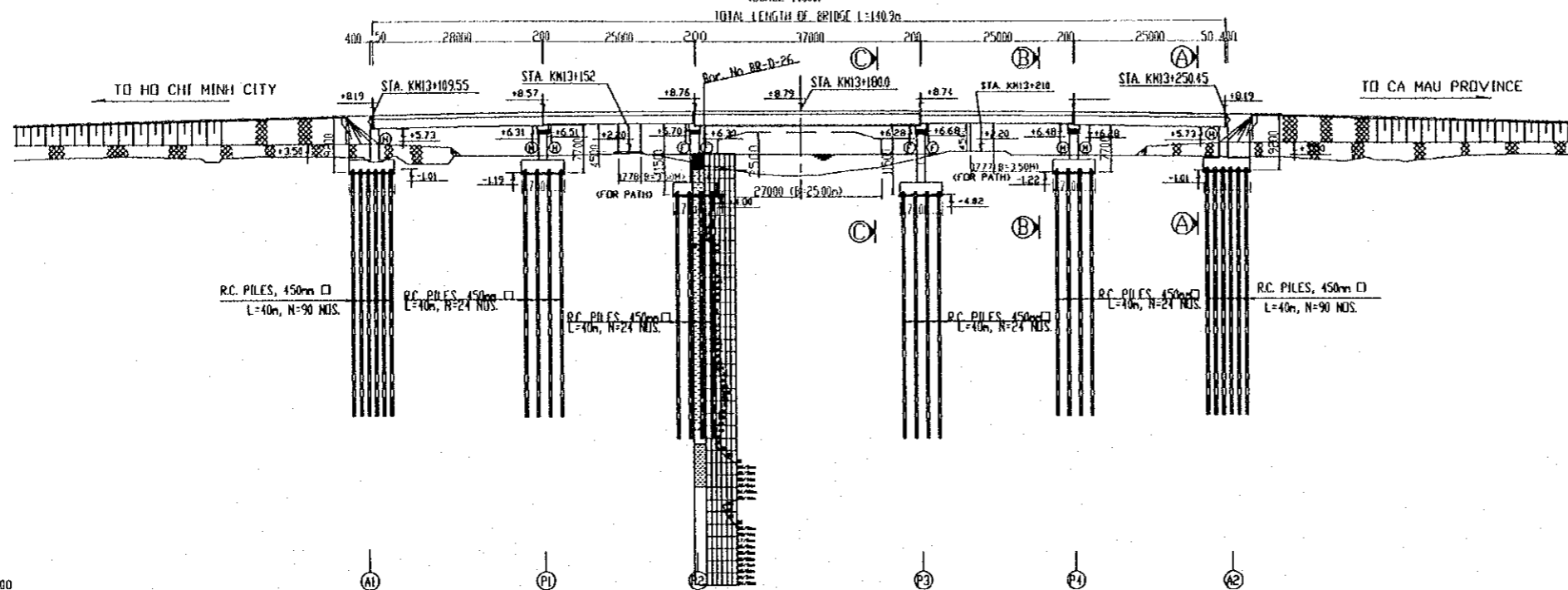
NOTES

- FOR STANDARD STRUCTURAL NOTES SEE DRAWING NLP3/BR6/0030
- SYMBOLS:
F: FIXED BEARING
M: MOVABLE BEARING

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 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 AP MY BRIDGE GENERAL COORDINATES OF BRIDGE	DWG NO. P3/BR6/0050
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SIDE ELEVATION (HO CHI MINH CITY - CA MAU DIRECTION)

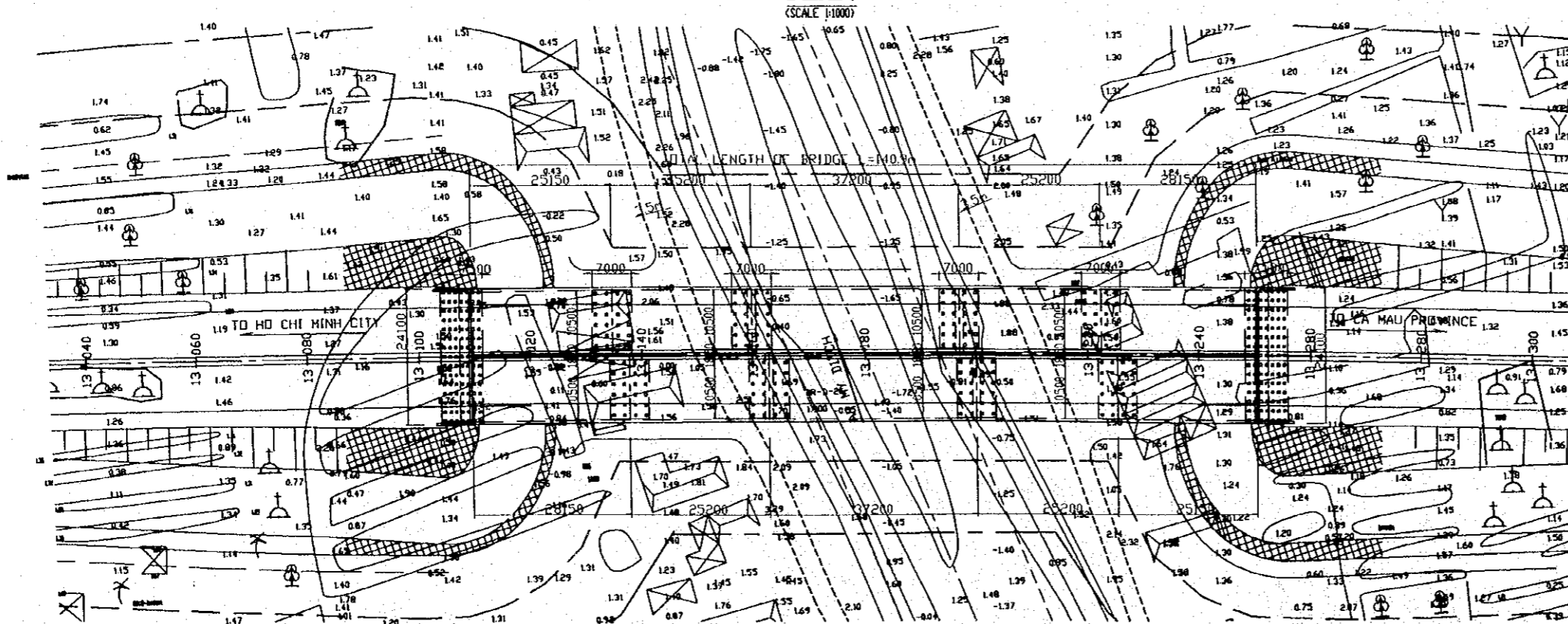
(SCALE 1/1000)



DATUM LEVEL -70.00

GRADIENT	3.55% L=200m		VERTICAL CURVE R=4080M L=290M		3.55% L=200m																																											
SUPERELEVATION	-2%																																															
DESIGN LEVELS (M)	8.85		8.573	8.757	8.793	8.743	8.541	8.85																																								
EXISTING LEVELS (M)	1.80	1.510	1.650	1.310	0.710	1.310	1.3084.50	1.3894.00	1.600	1.400	0.600	1.500	0.200	0.800	0.200	1.500	1.500	1.570	1.900	1.930	1.500	-0.550	-1.430	-1.720	-1.550	-0.920	-0.290	1.100	2.210	2.210	2.210	1.710	1.550	1.500	1.420	1.250	1.100	0.500	1.100	1.400	1.400	0.600	0.600	0.600	0.750	1.390	1.690	1.490
CHAINAGE	3050.00	3060.00	3070.00	3080.00	3082.00	3084.50	3094.00	3100.00	3108.00	3111.00	3112.50	3115.50	3120.00	3125.00	3125.00	3130.00	3130.00	3140.00	3152.00	3154.00	3157.50	3167.50	3173.00	3178.00	3183.00	3188.00	3193.00	3200.00	3204.50	3210.00	3214.00	3215.00	3220.00	3230.00	3240.00	3250.00	3260.00	3270.00	3275.00	3275.50	3275.50	3280.00	3282.50	3290.00	3300.00	3310.00		

PLAN (SCALE 1/1000)



NOTES

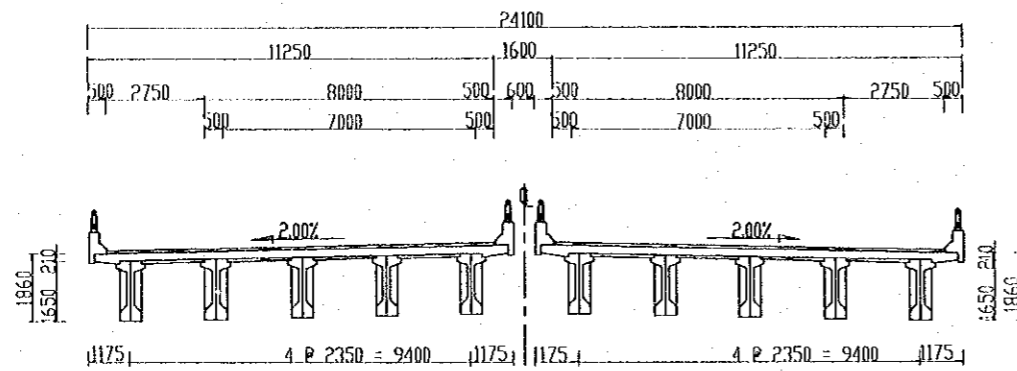
1. FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO.P3/BR6/0030
2. ELEVATIONS ARE IN METERS IN REFERENCE TO THE NATIONAL DATUM LEVEL.
3. SYMBOLS:
 F: FIXED BEARING
 M: MOVABLE BEARING

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.	NAME: T. Kametani SIGNATURE: DATE: 20/9/2000	K. Matsumoto 29/9/2000	K. Enomoto 5/10/2000	AP MY BRIDGE GENERAL GENERAL VIEW - SHEET 1	P3/BR6/0060

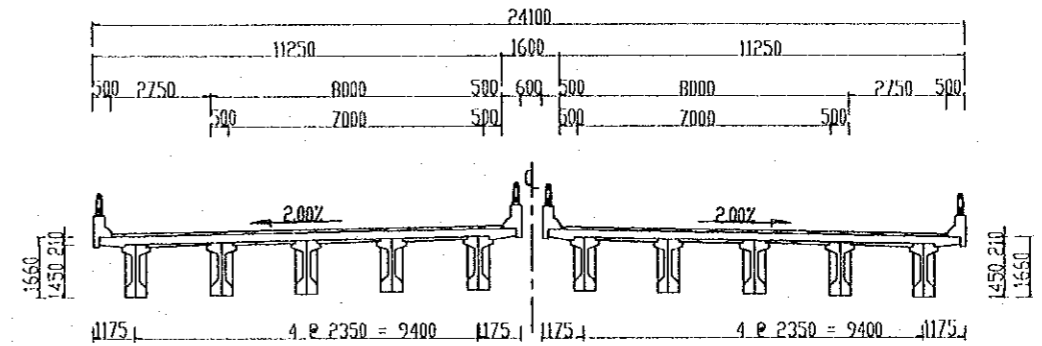
TYPICAL SECTIONS FOR SUPERSTRUCTURE

(SCALE 1:200)

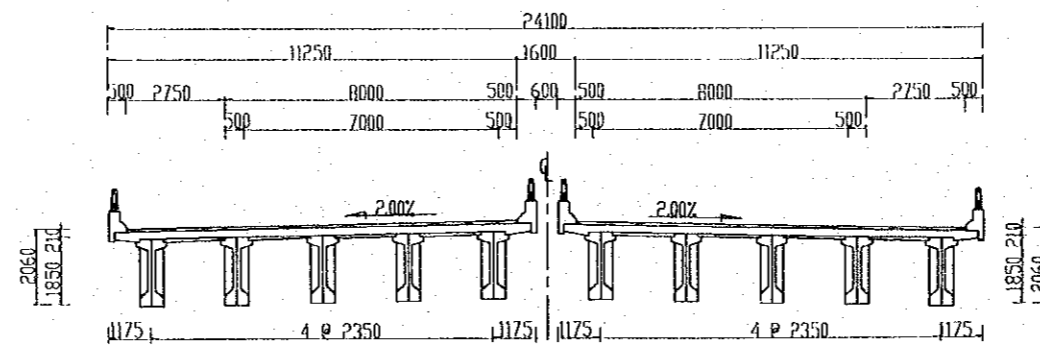
AT ABUTMENT A1&A2



AT PIER P1&P4



AT PIER P2&P3



NOTES

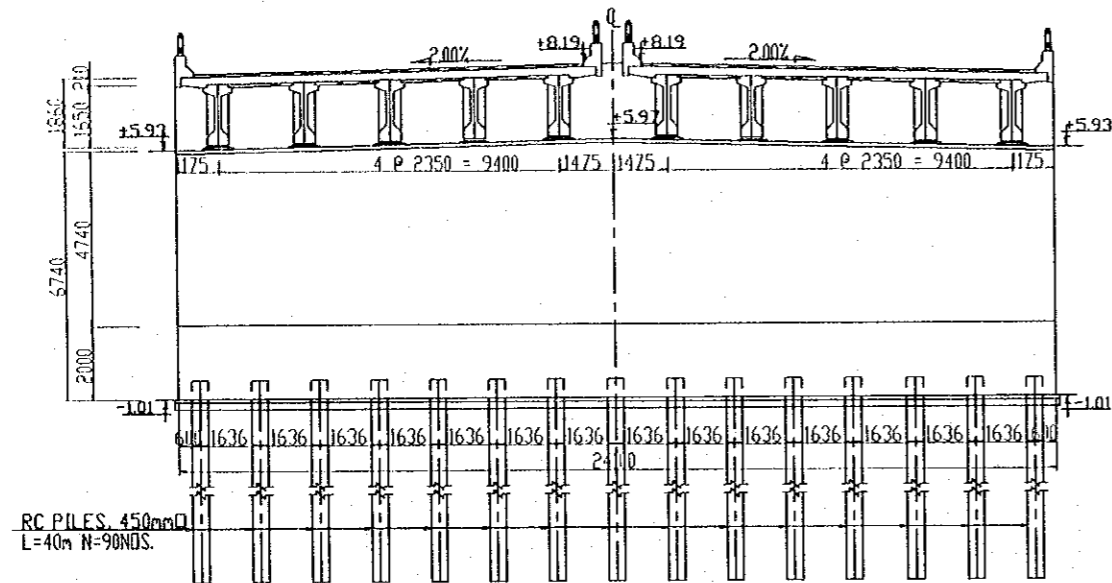
FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO.P3/BR6/0030

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	AP MY BRIDGE GENERAL GENERAL VIEW-SHEET2	P3/BR6/0070

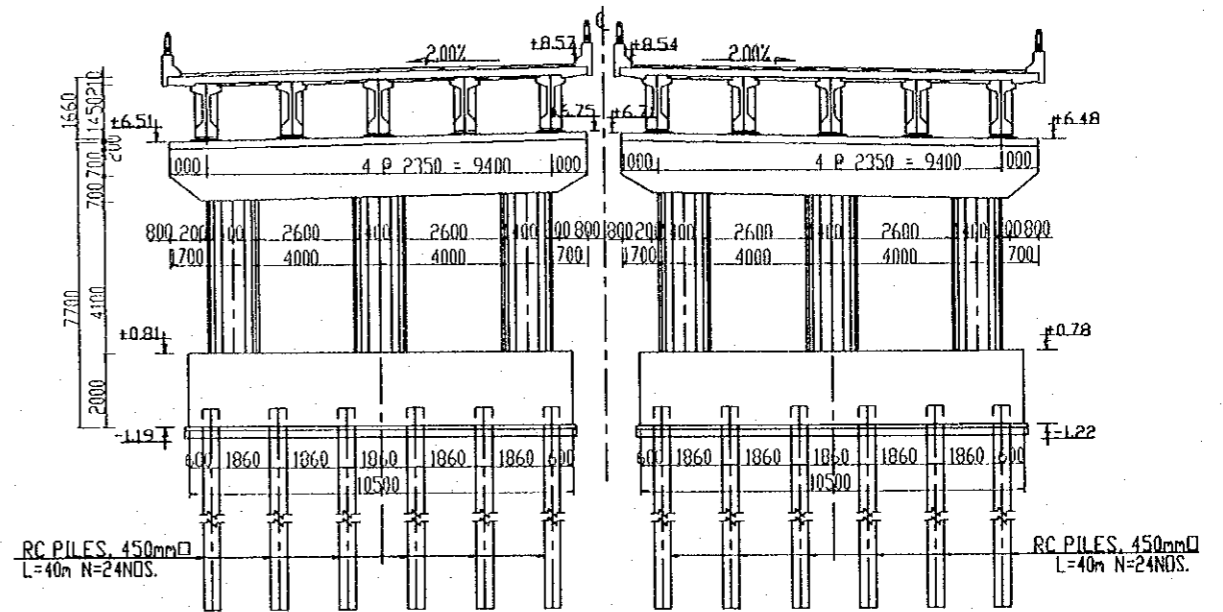
CROSS-SECTION

(SCALE 1:200)

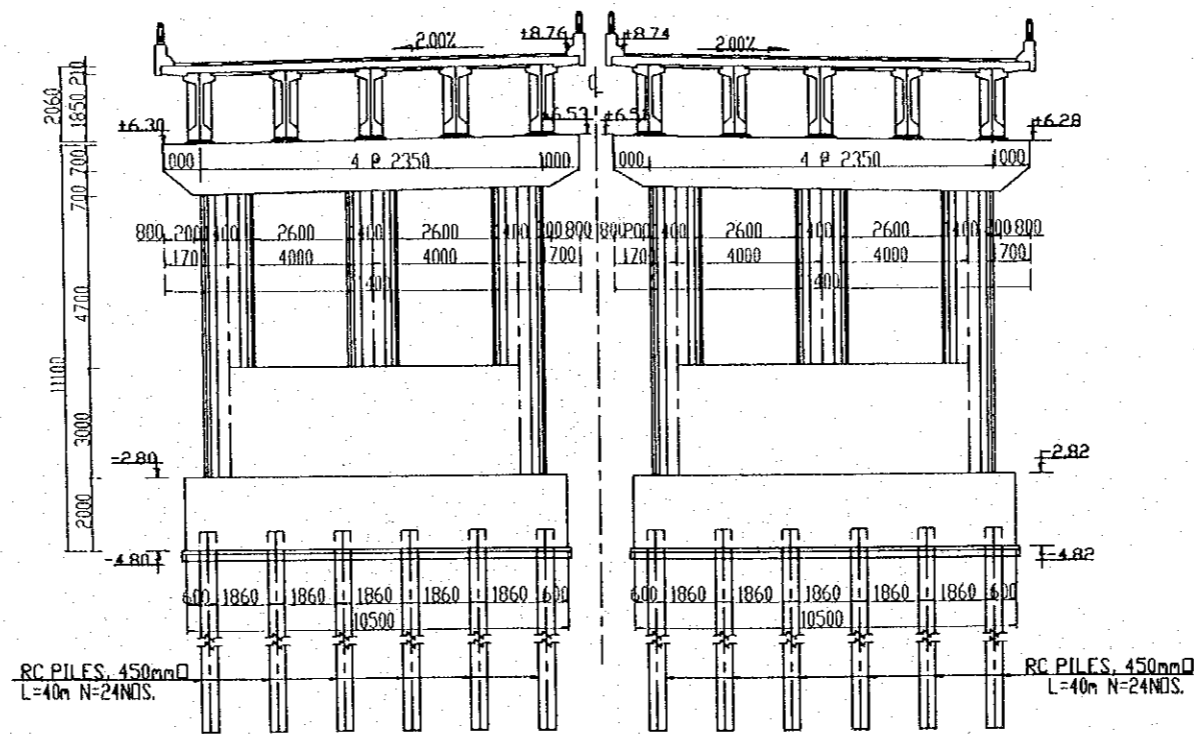
A-A (ABUTMENT A2)



B-B (PIER P4)



C-C (PIER P3)



NOTES

FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO.P3/BR6/0030



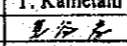
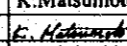
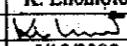
PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM	PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	NIPPON KOEI CO.,LTD.	T. Kametani	K. Matsumoto	K. Enomoto	AP MY BRIDGE GENERAL VIEW-SHEET3	P3/BR6/0080
				SIGNATURE	SIGNATURE	SIGNATURE		
				DATE	DATE	DATE		

QUANTITY TABLE OF AP MY BRIGDE

ITEMS	UNIT	ABUTMENTS	PIERS	SUPERSTRUCTURE	MISCELLANEOUS WORKS			TOTAL
					DRAINAGE	LIGHTING	RAILING	
CONCRETE	CLASS B	M3			987.1			987
	CLASS D	M3	2082.0	3294.0	1085.1			6461
	CLASS E	M3	1265.0	1761.1			0.35	3170
	CLASS G	M3	60.0	142.4				202
PC - CABLE	12 S12.7	TON			45.5			46
	3 S12.7	TON			3.4			3
SHEATHING	φ 80/85	M			4899.0			4899
	φ 50/55	M			844.2			844
	CEMENT GROUT IN SHEATHING	M3			26.3			26
ANCHORAGE	CABLES 12S12.7	DEAD	SET					
		LIVE	SET		340			340
	CABLES 3S12.7	DEAD	SET					
		LIVE	SET		168			168
STEEL SHEAR KEY		SET		360			360	
REINFORCEMENT	D32	KG	918	93309				94227
	D28	KG						8930
	D25	KG	119371	11290	9409			140070
	D22	KG	139243	221668	95858			456769
	D20	KG	24354	5776	96790		83	127003
	D18	KG	8180					8180
	D16	KG	23254	20140	12281		43	55718
	D14	KG	4271	20078	178059		29446	231854
	D12	KG			11778			11778
	D10	KG	760	250	468			1478
	D8	KG						
	D6	KG	33102	35309	18566			86977
TOTAL	KG	353453	407819	423209		126	29446	1214053
EXPANSION JOINT	50MM	M			129			129
BEARING	600x300x57	SET			20			20
	500x250x50	SET			80			80
ANCHORAGE BAR	φ 75, L=1500	SET			80			80
STEEL RAILING		M					573	573.00
LIGHTING POLE	POLE	SET					4	4
	PIPE φ 100	M					573	
DRAINAGE	POT	SET				20		20
	PIPE φ 180	M				35		34.80
PAYEMENT	WATER PROOFING 5MM	M2			3029			3029.35
	ASPHALT CONCRETE 70 MM	M2			3029			3029.35
GEOTEXTILE		M2	1351					1351.00
STONE MANSORY		M3	1639					1639.00
BLINDING AGGREGATE		M3	534					534.00
RIP RAP		M3		2064				2063.80
BLINDING STONE		M3	66	48				113.50
WOODEN PILE L = 3M		M	17521					17521.00
EXCAVATION		M3	4906	8340				13246.60
BACK FILL		M3	1625	1284				2908.30
RC. PILE □ 450MM		M	7200	7680				14880
PVC PIPE	φ 50MM	M	146					146.00
FORM	FLAT	M2	1231	1217	10165			12612.94
	CURVE	M2		526				525.70
SCAFFOLDING WORK	H < 4M	M2	285	1018				1302.40
	4M <= H <= 30M	M2	1089	1371				2459.80

NOTES

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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	NAME: K. Matsumoto SIGNATURE:  DATE: 29/9/2000	NAME: K. Enomoto SIGNATURE:  DATE: 5/10/2000	AP MY BRIDGE GENERAL QUANTITY TABLE OF BRIDGE	P3/BR6/0090