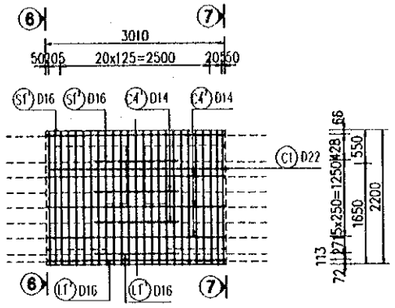
SEGMENT REINFORCEMENT

SECTION 1-1

SCALE 1:100

(AT THE CENTER LINE)

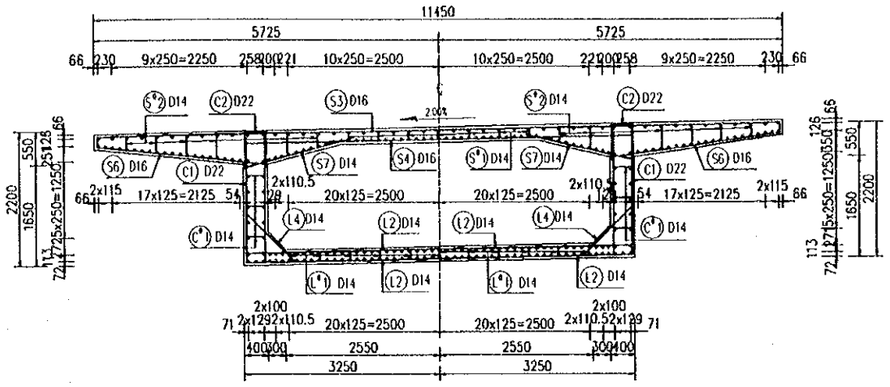


HALF SECTION 6-6

SCALE 1:100

HALF SECTION 7-7

SCALE 1:100

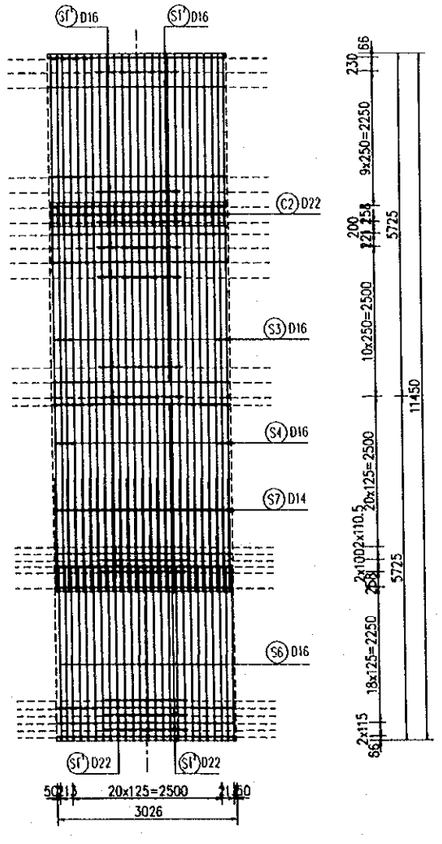


HALF SECTION 2-2

SCALE 1:100

HALF SECTION 3-3

SCALE 1:100

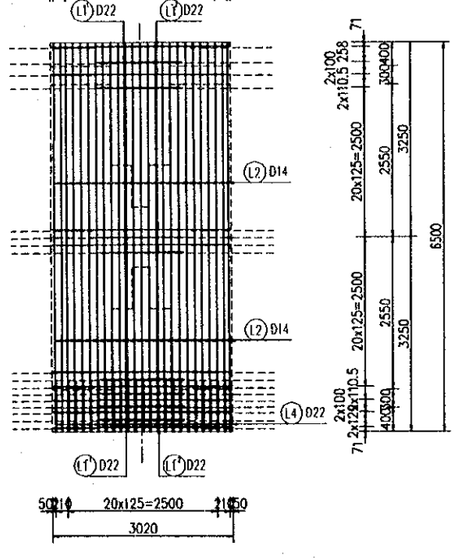


HALF SECTION 4-4

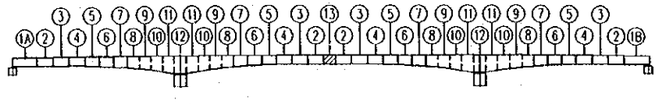
SCALE 1:100

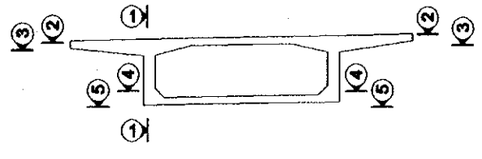
HALF SECTION 5-5

SCALE 1:100



MARKING DIAGRAM



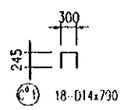


NOTE :

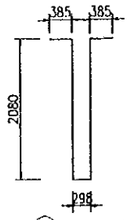
1. FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO. P3/BR7/0030.

PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM		PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	NIPPON KOEI CO.,LTD.	NAME	T. Kametani	K.Matsumoto	K. Enomoto	CAI RANG BRIDGE SUPERSTRUCTURE - MAIN BRIDGE SEGMENT REINFORCEMENT - SHEET 19	P3/BR7/0630
				SIGNATURE					
				DATE	20/9/2000	29/9/2000	5/10/2000		

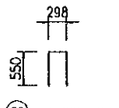
SEGMENT REINFORCEMENT



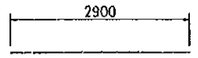
(S1) 18-D14x790



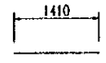
(C1) 46-D22x5228



(C2) 46-D22x1398

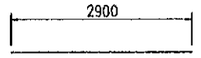


(S4) 10-D14x2900

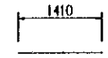


(S4) 10-D14x1410

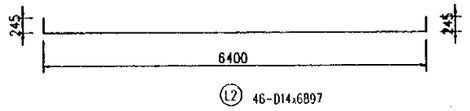
(L1) 66-D14x640



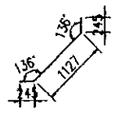
(L1) 52-D22x2900



(L1) 52-D22x1410



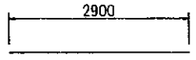
(L2) 46-D14x6897



(L4) 46-D14x1617(AVE)

(S1) 42-D14x640

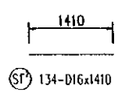
(S2) 36-D14x780



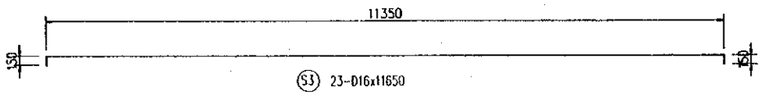
(S1) 134-D16x2900

LIST OF REINFORCEMENT

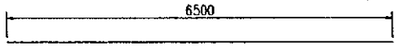
REIN. NO.	DIAMETER (mm)	LENGTH (mm)	NUMBER	UNIT WEIGHT (kg/m)	TOTAL LENGTH (m)	TOTAL WEIGHT (kg)	REMARK
S0-1	14	640	42	1.208	26.9	32.5	
S0-2	14	780	36	1.208	28.1	33.9	
S1-1	16	2900	134	1.578	386.6	613.3	
S1-2	16	1410	134	1.578	188.9	298.2	
S3	16	11650	23	1.578	268	422.9	
S4	16	6500	23	1.578	149.5	236.0	
S6	16	3050	46	1.578	140.3	221.4	
S7	14	1800	46	1.208	82.8	100.1	
C0-1	14	790	18	1.208	14.2	17.2	
C1	22	5228	46	2.984	240.5	717.6	
C2	22	1398	46	2.984	64.3	191.9	
C4-1	14	2900	10	1.208	29.0	35.0	
C4-2	14	1410	10	1.208	14.1	17.0	
L0-1	14	640	66	1.208	42.2	51.0	
L1-1	22	2900	52	2.984	150.8	450.0	
L1-2	22	1410	52	2.984	73.3	218.8	
L2	14	6890	46	1.208	316.9	383.0	
L4	14	1617	46	1.208	74.4	89.9	(AVE)
					TOTAL	4129.8 kg	FOR 1 SEGMENT No 13
					D14	759.7 kg	
					D16	1791.9 kg	
					D22	1578.3 kg	
					CONCRETE	24.8 m^3	



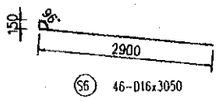
(S1) 134-D16x1410



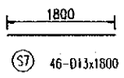
(S3) 23-D16x11650



(S4) 25-D16x6500



(S6) 46-D16x3050



(S7) 46-D13x1800

NOTE :

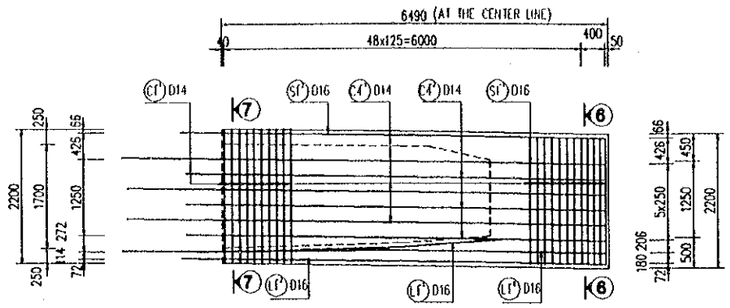
1. FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO. P3/BR7/0030.

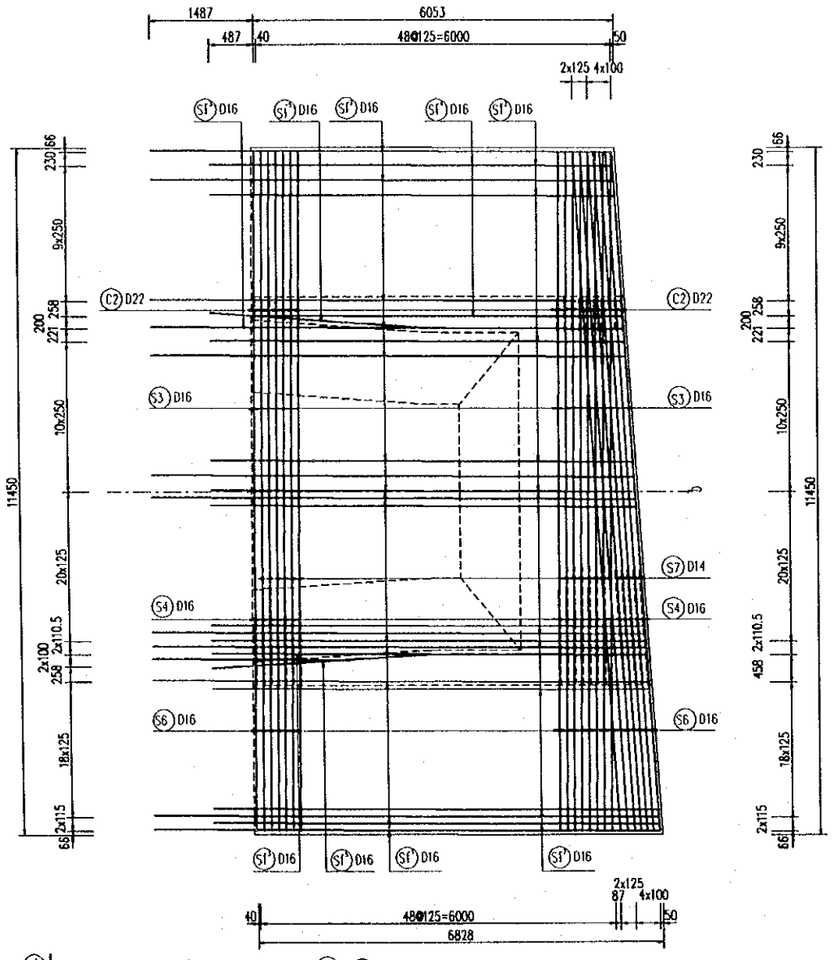
PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM		PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	NIPPON KOEI CO.,LTD.	NAME	T. Kametani	K.Matsumoto	K. Enomoto	CAI RANG BRIDGE SUPERSTRUCTURE - MAIN BRIDGE SEGMENT REINFORCEMENT - SHEET 20	P3/BR7/0640
				SIGNATURE					
				DATE	20/9/2000	29/9/2000	5/10/2000		

SEGMENT REINFORCEMENT

SECTION 1-1

SCALE 1:100



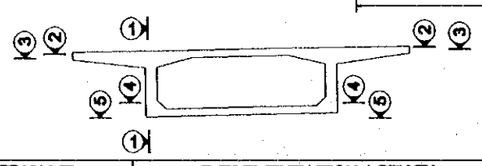


HALF SECTION 2-2

SCALE 1:100

HALF SECTION 3-3

SCALE 1:100

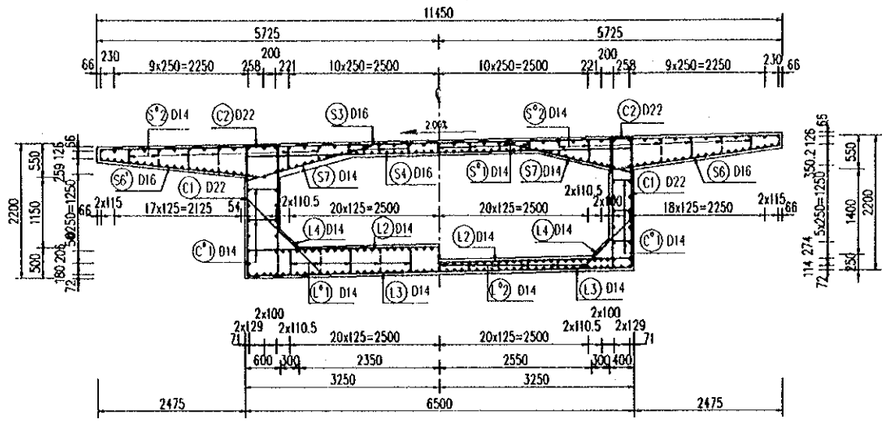


HALF SECTION 6-6

SCALE 1:100

HALF SECTION 7-7

SCALE 1:100

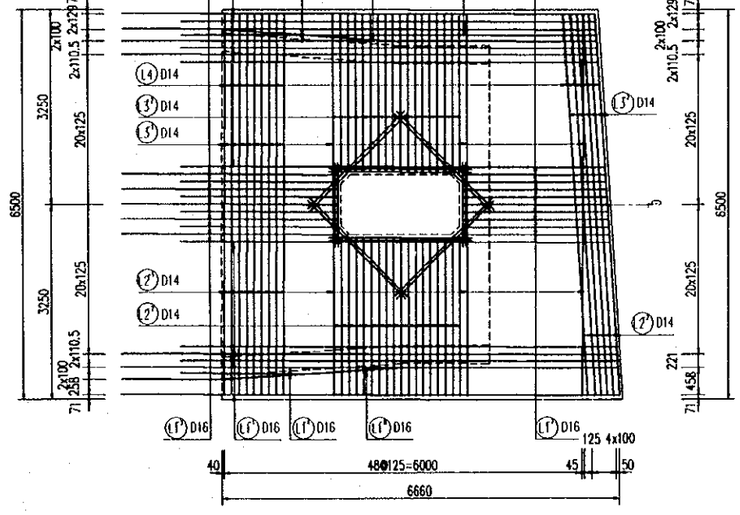


HALF SECTION 4-4

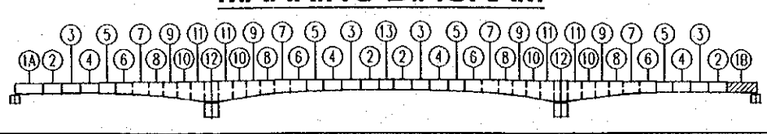
SCALE 1:100

HALF SECTION 5-5

SCALE 1:100



MARKING DIAGRAM

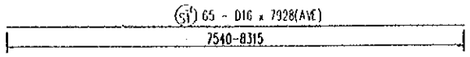


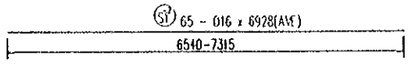
NOTE:

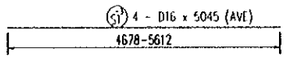
1. FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO. P3/BR7/0030.

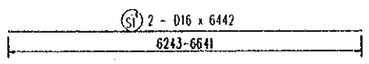
PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM		PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	NIPPON KOEI CO.,LTD.	NAME	T. Kametani	K.Matsumoto	K. Enomoto	CAI RANG BRIDGE SUPERSTRUCTURE - MAIN BRIDGE SEGMENT REINFORCEMENT - SHEET 21	P3/BR7/0650
				SIGNATURE					
				DATE	20/9/2000	29/9/2000	5/10/2000		

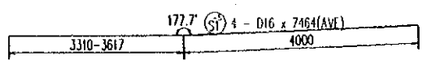
SEGMENT REINFORCEMENT

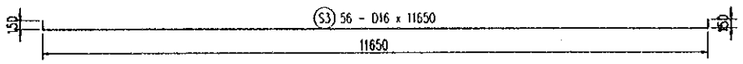


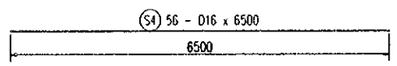


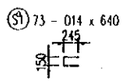


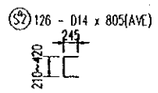


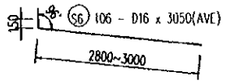


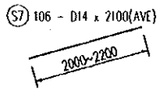


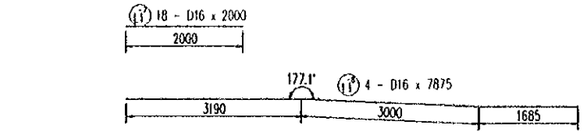


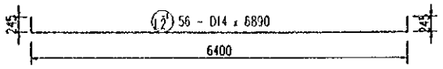


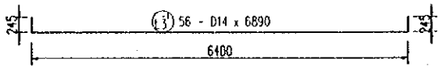


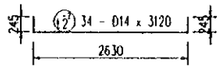


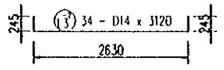


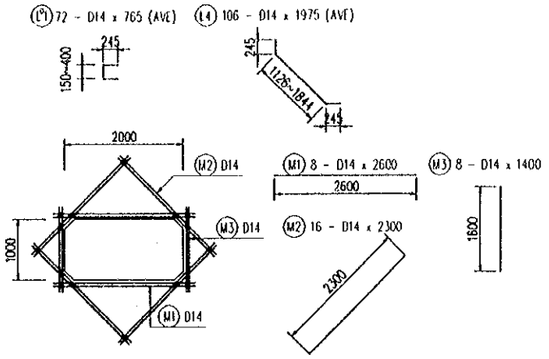






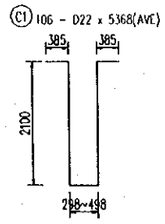


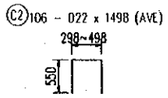


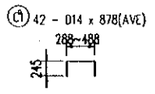


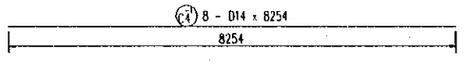
LIST OF REINFORCEMENT

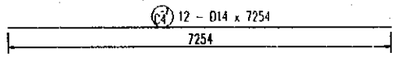
REIN. NO.	DIAMETER (MM)	LENGTH (MM)	NUMBER	UNIT WEIGTH (KG/M)	TOTAL LENGTH (M)	TOTAL WEIGHT (KG)	REMARK
S0-1	14	640	73	1.208	46.72	56.46	
S0-2	14	805	126	1.208	101.43	122.57	(AVE)
S1-1	16	7928	65	1.578	515.34	813.45	(AVE)
S1-2	16	6928	65	1.578	450.32	710.80	(AVE)
S1-3	16	5045	4	1.578	20.18	31.85	(AVE)
S1-4	16	6442	2	1.578	12.88	20.34	
S1-5	16	7464	4	1.578	29.86	47.12	
S3	16	11650	56	1.578	652.45	1029.73	
S4	16	6500	56	1.578	364.00	574.51	
S6-1	16	3050	53	1.578	161.65	255.14	(AVE)
S6-2	16	3050	53	1.578	161.65	255.14	(AVE)
S7	14	2100	106	1.208	222.60	268.99	(AVE)
C0-1	14	878	42	1.208	36.88	44.56	(AVE)
C1	22	5368	106	2.984	569.01	1697.94	(AVE)
C2	22	1498	106	2.984	158.79	473.83	(AVE)
C4-1	14	8254	8	1.208	66.00	79.80	
C4-2	14	7454	12	1.208	87.12	105.26	
L0-1	14	765	72	1.208	55.08	66.56	(AVE)
L1-1	16	8585	38	1.578	326.25	514.92	(AVE)
L1-2	16	7427	38	1.578	282.23	455.55	(AVE)
L1-3	16	3523	18	1.578	63.41	100.09	(AVE)
L1-4	16	7988	8	1.578	63.90	100.86	(AVE)
L1-5	16	3721	4	1.578	14.88	23.49	(AVE)
L1-6	16	6041	2	1.578	12.08	19.07	
L1-7	16	2000	18	1.578	36.00	56.82	
L1-8	16	7875	4	1.578	32.29	50.97	
L2-1	14	6890	56	1.208	385.84	466.25	
L2-2	14	3120	34	1.208	106.08	128.19	
L3-1	14	6890	56	1.208	385.84	466.25	
L3-2	14	3120	34	1.208	106.08	128.19	
L4	14	1975	106	1.208	209.35	252.98	(AVE)
M1	14	2400	8	1.208	19.20	23.20	
M2	14	2300	16	1.208	36.80	44.47	
M3	14	1400	8	1.208	11.20	13.53	
				TOTAL		kg	FOR 1 SEGMENT No 1B
				D14		2271.1 kg	
				D16		5048.3 kg	
				D22		2171.8 kg	
				CONCRETE		68.6 m^3	

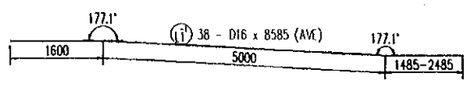


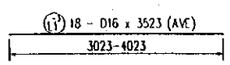


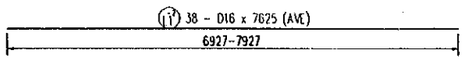


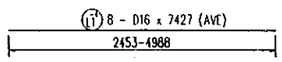


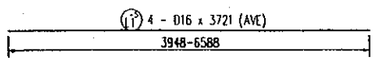


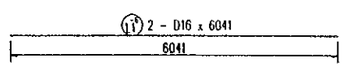












NOTE :

1. FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO. P3/BR7/0030.

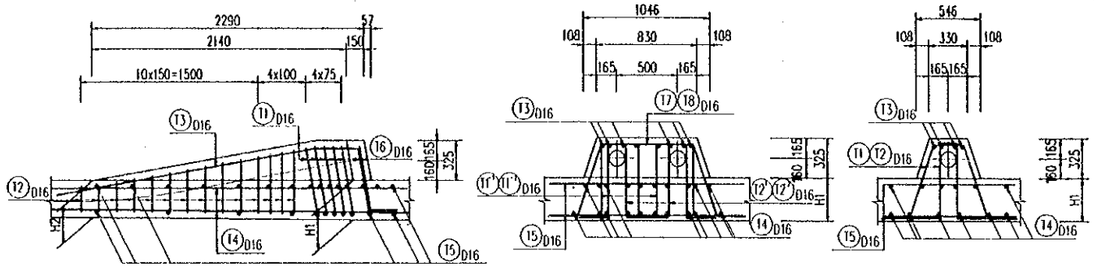
PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM		PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	NIPPON KOEI CO.,LTD.	NAME	T. Kametani	K.Matsumoto	K. Enomoto	CAI RANG BRIDGE SUPERSTRUCTURE - MAIN BRIDGE SEGMENT REINFORCEMENT - SHEET 22	P3/BR7/0660
				SIGNATURE					
				DATE	20/9/2000	29/9/2000	5/10/2000		

ANCHOR AND DEVIATOR REINFORCEMENT

TYPE - A

SCALE 1:50

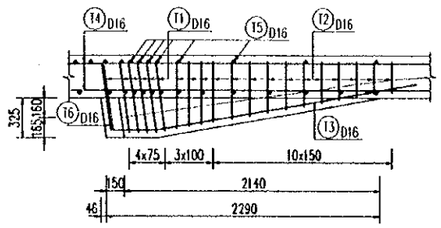
S401 - S404 S405 S406 S407 - S409
S410 - S413 S414 S415 S416 - S418

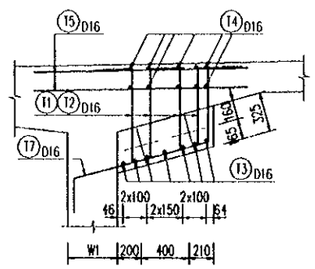


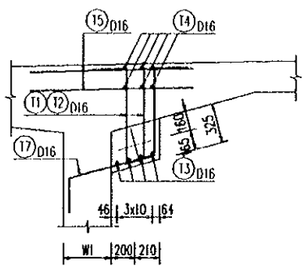
TYPE - B

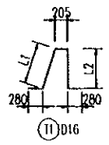
SCALE 1:50

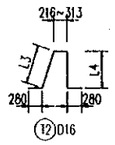
S101 S103 S102 S104 S105 S106 S107 S108 S109 S110 S111 S112 S113 S114 S115 S116 S117
S118 S119 S120 S121 S122 S123 S124 S125 S126 S127 S128 S129 S130 S131 S132 S133 S134

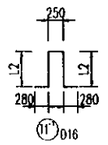


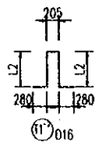


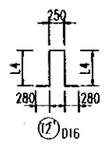


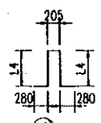


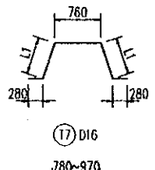


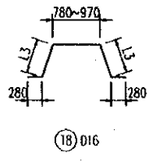


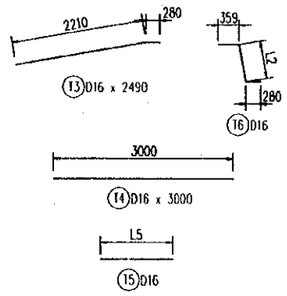


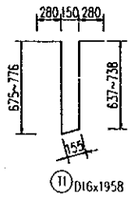


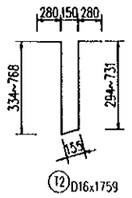


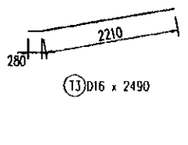


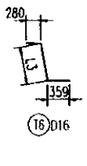


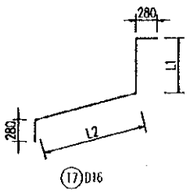












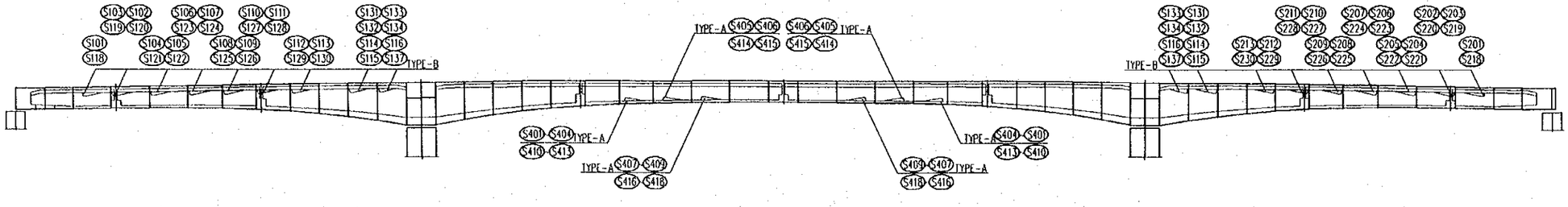
	S405, S406 S414, S415	S401, S402 S410, S411	S407, S416	S417, S418 S408, S409	S403, S404 S412, S413
L1	531	563	520	520	563
L2	504	534	495	495	534
L3	167~485	199~516	157~474	157~474	199~516
L4	159~461	189~419	149~451	149~451	189~419
L5	1106	1606	1606	1606	1606

	S101,S118 S201,S218	S103~S117, S119~S134 S203~S213, S219~S230
L1	272~716	272~615
L2	740	1250
L3	709~768	615~768
L4	1370	1770

NOTES:

1. FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO. P3/BR7/0030.

MARKING DIAGRAM



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 RANG BRIDGE SUPERSTRUCTURE - MAIN BRIDGE ANCHOR & DEVIATOR REINFORCEMENT - SHEET 1	P3/BR7/0670
				SIGNATURE					
				DATE	20/9/2000	29/9/2000	5/10/2000		

ANCHOR AND DEVIATOR REINFORCEMENT

LIST OF REINFORCEMENT (FOR SINGLE ANCHOR BLOCK - TYPE A)

REIN. NO	DIAMETER (MM)	LENGTH (MM)	NUMBER	UNIT WEIGTH (KG/M)	TOTAL LENGTH (M)	TOTAL WEIGHT (KG)
T1	D16	1862	12	1.578	22.3	35.3
T2	D16	1486	28	1.578	41.6	65.7
T3	D16	2490	4	1.578	10.0	15.7
T4	D16	3000	12	1.578	36.0	56.8
T5	D16	1160	26	1.578	31.2	47.6
T6	D16	1173	4	1.578	4.7	7.4
					D16	228.5 KG
					CONCRETE	0.2 M3

LIST OF REINFORCEMENT (FOR SINGLE ANCHOR BLOCK - TYPE B)

REIN. NO	DIAMETER (MM)	LENGTH (MM)	NUMBER	UNIT WEIGTH (KG/M)	TOTAL LENGTH (M)	TOTAL WEIGHT (KG)
T1	D16	1958	6	1.578	11.8	18.5
T2	D16	1759	14	1.578	24.6	38.9
T3	D16	2490	4	1.578	10.0	15.7
T4	D16	3000	6	1.578	18.0	28.4
T5	D16	1370	26	1.578	26.0	56.2
T6	D16	1378	4	1.578	5.5	8.7
T7	D16	1794	20	1.578	35.9	56.6
					D16	223.1 KG
					CONCRETE	0.2 M3

LIST OF REINFORCEMENT (FOR DOUBLE ANCHOR BLOCK - TYPE A)

REIN. NO.	DIAMETER (MM)	LENGTH (MM)	NUMBER	UNIT WEIGTH (KG/M)	TOTAL LENGTH (M)	TOTAL WEIGHT (KG)
T1^{-1}	D16	1878	12	1.578	22.5	35.6
T1^{-2}	D16	1833	12	1.578	22.0	34.7
T2^{-1}	D16	1114	28	1.578	31.2	49.2
T2^{-2}	D16	1069	28	1.578	29.9	47.2
T3	D16	2490	8	1.578	19.9	31.4
T4	D16	3000	22	1.578	66.0	104.2
T5	D16	1606	26	1.578	31.2	65.9
T6	D16	1173	8	1.578	9.4	14.8
T7	D16	2446	6	1.578	14.7	23.2
T8	D16	1793	14	1.578	25.1	39.6
					D16	445.9 KG
					CONCRETE	0.4 M3

LIST OF REINFORCEMENT (FOR DOUBLE ANCHOR BLOCK - TYPE B)

REIN. NO.	DIAMETER (MM)	LENGTH (MM)	NUMBER	UNIT WEIGTH (KG/M)	TOTAL LENGTH (M)	TOTAL WEIGHT (KG)
T1	D16	1958	12	1.578	23.5	37.1
T2	D16	1759	28	1.578	49.3	77.7
T3	D16	2490	7	1.578	17.4	27.5
T4	D16	3000	10	1.578	30.0	47.4
T5	D16	1770	26	1.578	52.0	72.6
T6	D16	1330	7	1.578	9.3	14.7
T7	D16	2254	20	1.578	45.1	71.2
					D16	348.2 KG
					CONCRETE	0.4 M3

NOTES:

1. FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO. P3/BR7/0030.

PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM		PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	NIPPON KOEI CO.,LTD.	NAME	T. Kametani	K.Matsumoto	K. Enomoto	CAI RANG BRIDGE SUPERSTRUCTURE - MAIN BRIDGE ANCHOR & DEVIATOR REINFORCEMENT - SHEET 2	P3/BR7/0680
				SIGNATURE					
				DATE	20/9/2000	29/9/2000	5/10/2000		

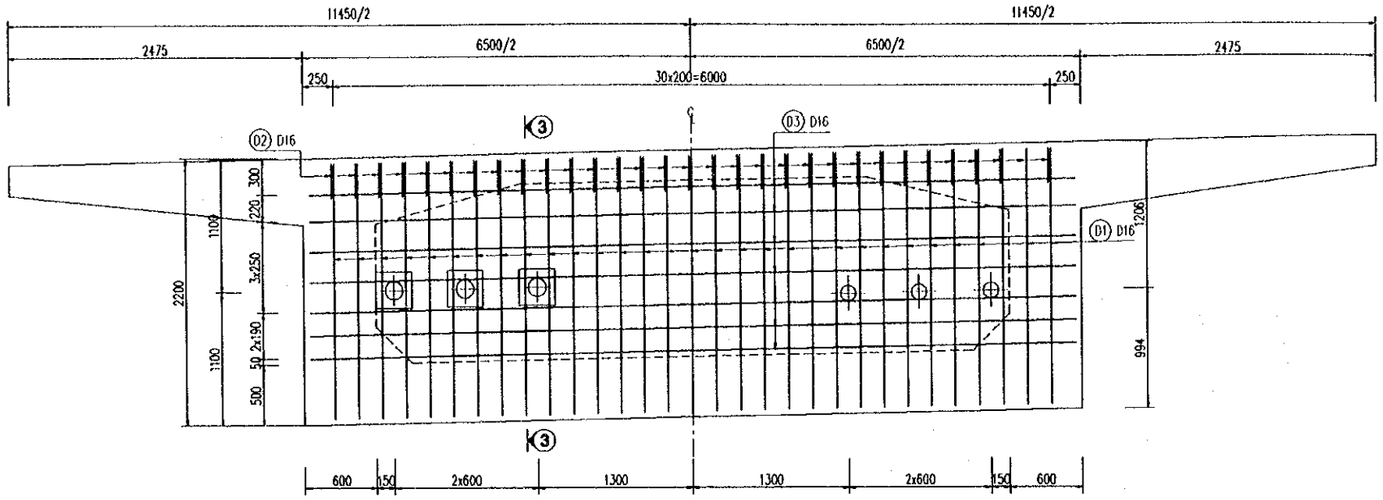
ANCHOR AND DEVIATOR REINFORCEMENT

DETAIL A

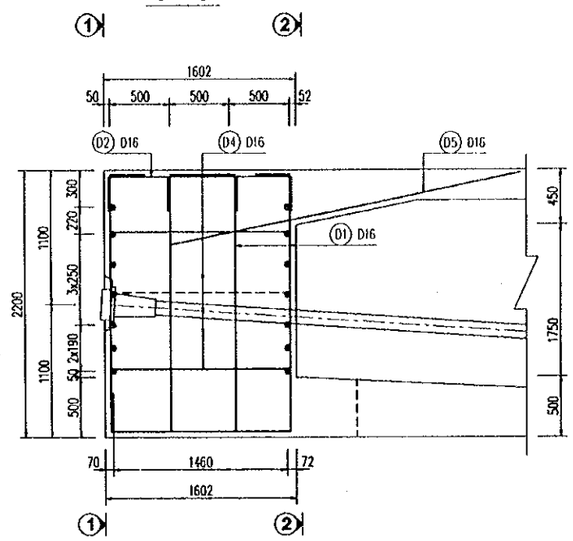
SCALE 1:50

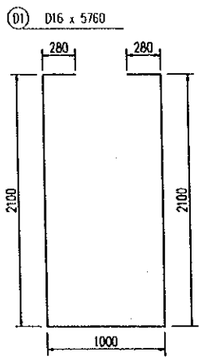
1/2 1 - 1

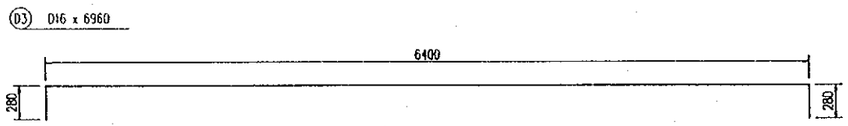
1/2 2 - 2

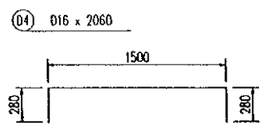


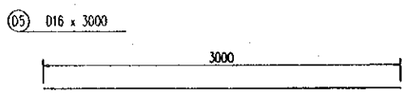
3 - 3

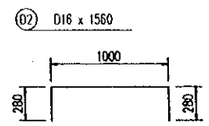








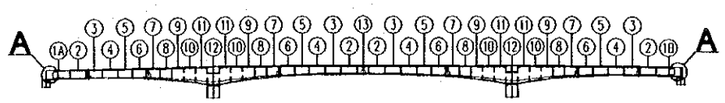




LIST OF REINFORCEMENT

REIN. NO.	DIAMETER (MM)	LENGTH (MM)	NUMBER	UNIT WEIGTH (KG/M)	TOTAL LENGTH (M)	TOTAL WEIGHT (KG)
D1	D16	5760	62	1.578	357.0	563.7
D2	D16	1560	62	1.578	96.7	152.7
D3	D16	6960	14	1.578	97.5	153.8
D4	D16	2060	47	1.578	96.8	152.8
D5	D16	3000	31	1.578	93.0	146.8
					D16 :	1169.7 KG
					CONCRETE :	11.9 M3

MARKING DIAGRAM



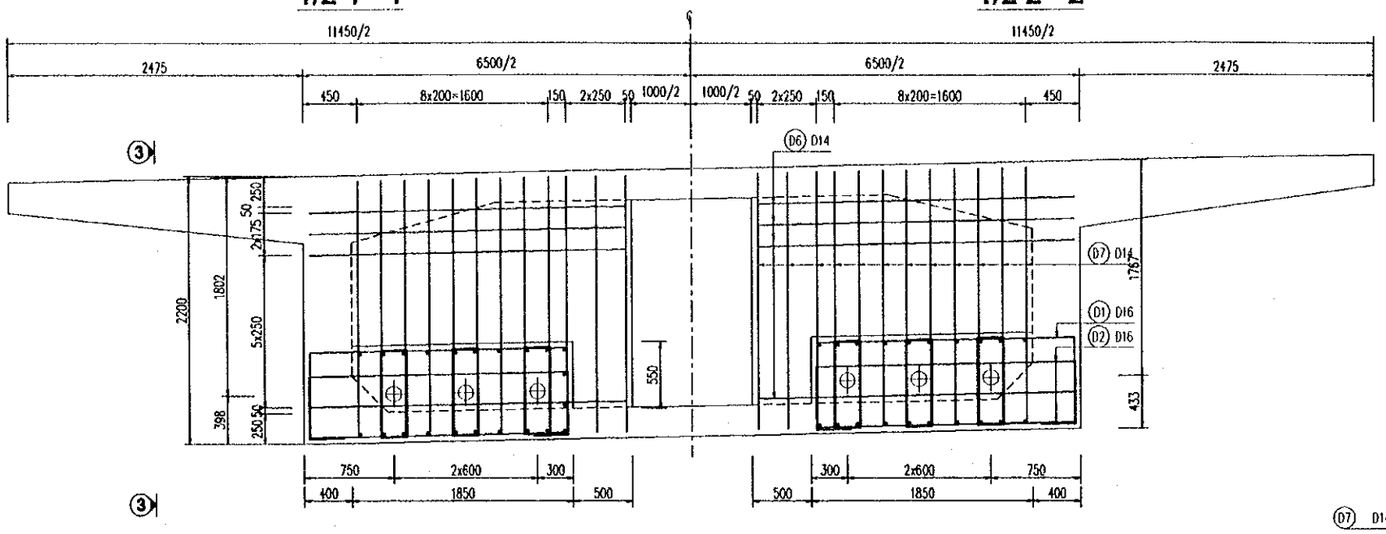
NOTES

1. FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO. P3/BR7/0030

PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM		PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	NIPPON KOEI CO.,LTD.	NAME	T. Kametani	K.Matsumoto	K. Enomoto	CAI RANG BRIDGE SUPERSTRUCTURE - MAIN BRIDGE ANCHOR & DEVIATOR REINFORCEMENT - SHEET 3	P3/BR7/0690
				SIGNATURE					
				DATE	20/9/2000	29/9/2000	5/10/2000		

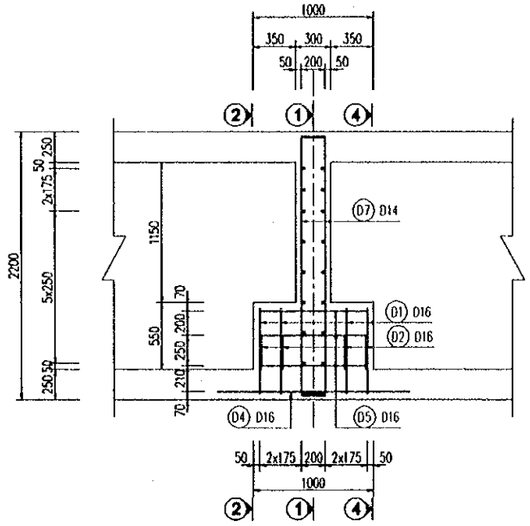
ANCHOR AND DEVIATOR REINFORCEMENT
DETAIL B
SCALE 1:50

1/2 1 - 1

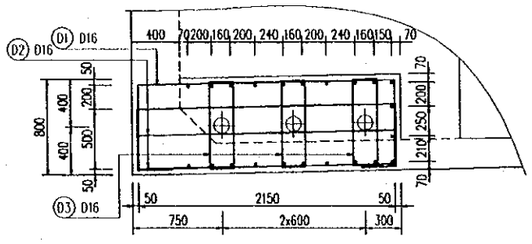


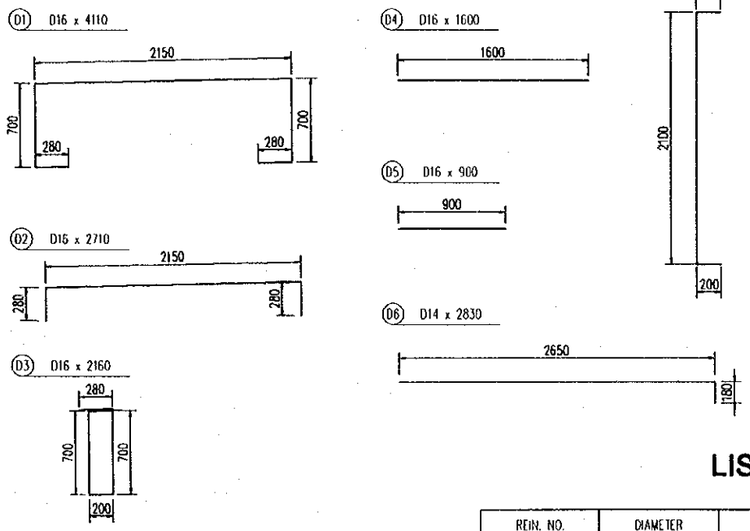
1/2 2 - 2

3 - 3



4 - 4

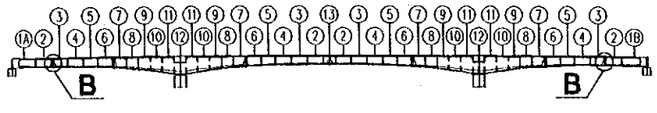




NOTES

1. FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO. P3/BR7/0030.

MARKING DIAGRAM



LIST OF REINFORCEMENT

REIN. NO.	DIAMETER (mm)	LENGTH (mm)	NUMBER	UNIT WEIGTH (kg/m)	TOTAL LENGTH (m)	TOTAL WEIGHT (kg)
D1	D16	4110	8	1.578	32.9	51.9
D2	D16	2710	16	1.578	43.4	68.4
D3	D16	2160	24	1.578	51.8	81.8
D4	D16	1600	20	1.578	32.0	50.5
D5	D16	900	24	1.578	21.6	34.1
D6	D14	2830	32	1.208	90.6	109.4
D7	D14	2500	48	1.208	120.0	145.0
					D14	254.4 kg
					D16	286.8 kg
					CONCRETE	3.6 m^3

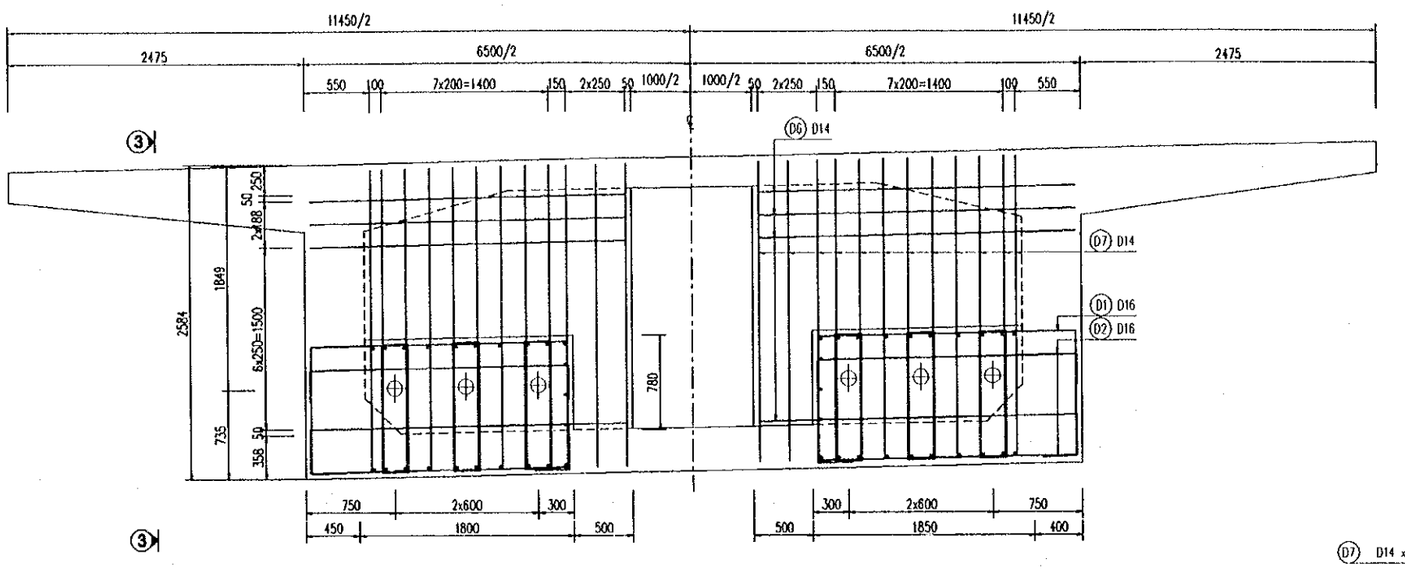
PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM		PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	NIPPON KOEI CO.,LTD.	NAME	T. Kametani	K.Matsumoto	K. Enomoto	CAI RANG BRIDGE SUPERSTRUCTURE - MAIN BRIDGE ANCHOR & DEVIATOR REINFORCEMENT - SHEET 4	P3/BR7/0700
				SIGNATURE					
				DATE	20/9/2000	29/9/2000	5/10/2000		

ANCHOR AND DEVIATOR REINFORCEMENT

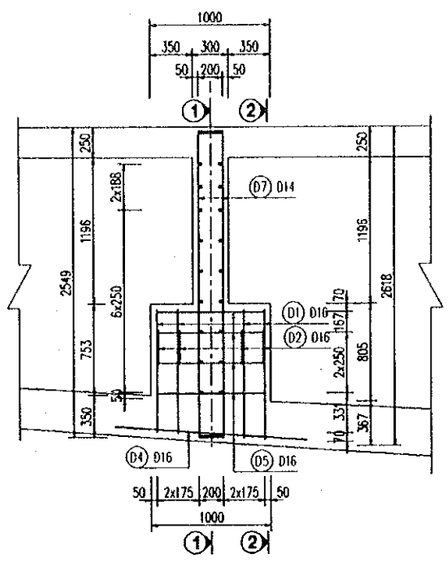
DETAIL C

SCALE 1:50

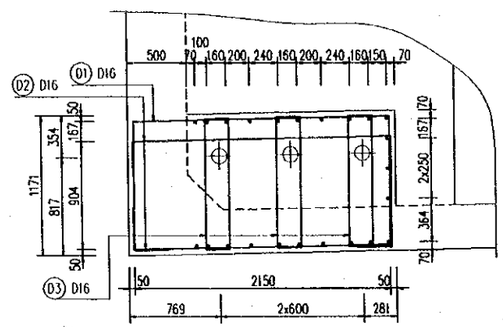
1 - 1



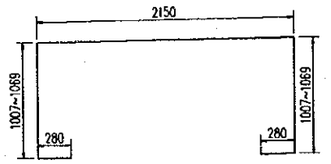
3 - 3



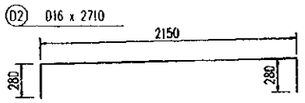
2 - 2



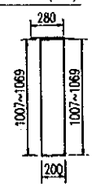
D1 D16 x 4786(AVE)



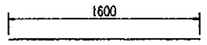
D2 D16 x 2710



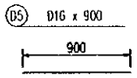
D3 D16 x 2836(AVE)



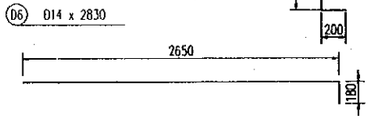
D4 D16 x 1600



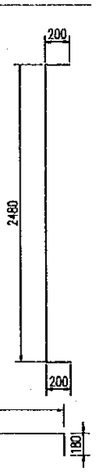
D5 D16 x 900



D6 D14 x 2830



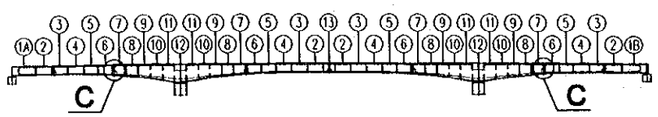
D7 D14 x 2880



NOTES

1. FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO. P3/BR7/0030.

MARKING DIAGRAM



LIST OF REINFORCEMENT

REIN. NO.	DIAMETER (MM)	LENGTH (MM)	NUMBER	UNIT WEIGTH (kg/M)	TOTAL LENGTH (M)	TOTAL WEIGHT (kg)
D1	D16	4786	8	1.578	38.3	60.4
D2	D16	2710	16	1.578	43.4	68.4
D3	D16	2836	24	1.578	68.1	107.4
D4	D16	1600.0	20	1.578	32.0	50.5
D5	D16	900.0	26	1.578	23.4	36.9
D6	D14	2830.0	36	1.208	101.9	123.1
D7	D14	2880.0	48	1.208	138.2	167.1
					D14	290.2 kg
					D16	323.7 kg
					CONCRETE	4.4 m^3

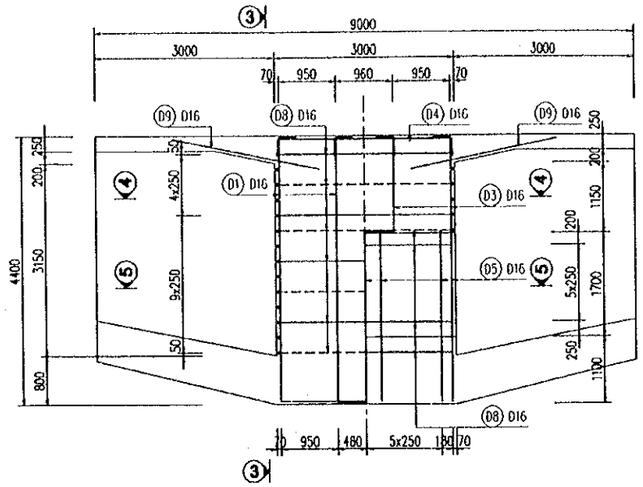
PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM		PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	NIPPON KOEI CO.,LTD.	NAME	T. Kametani	K.Matsumoto	K. Enomoto	CAI RANG BRIDGE SUPERSTRUCTURE - MAIN BRIDGE ANCHOR & DEVIATOR REINFORCEMENT - SHEET 5	P3/BR7/0710
				SIGNATURE					
				DATE	20/9/2000	29/9/2000	5/10/2000		

ANCHOR AND DEVIATOR REINFORCEMENT

DETAIL D

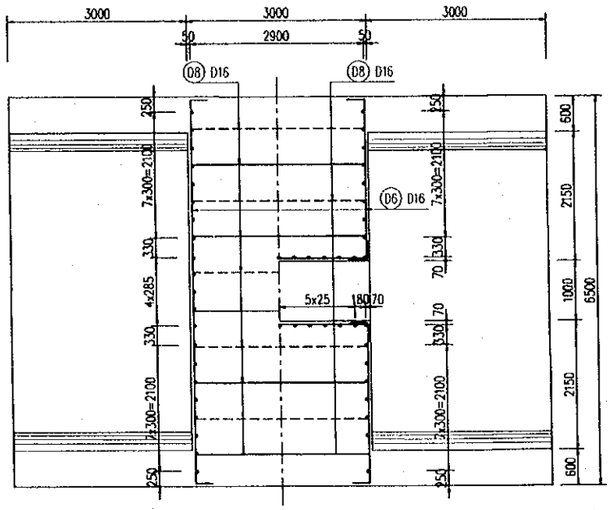
SCALE 1:100

1/2 1 - 1



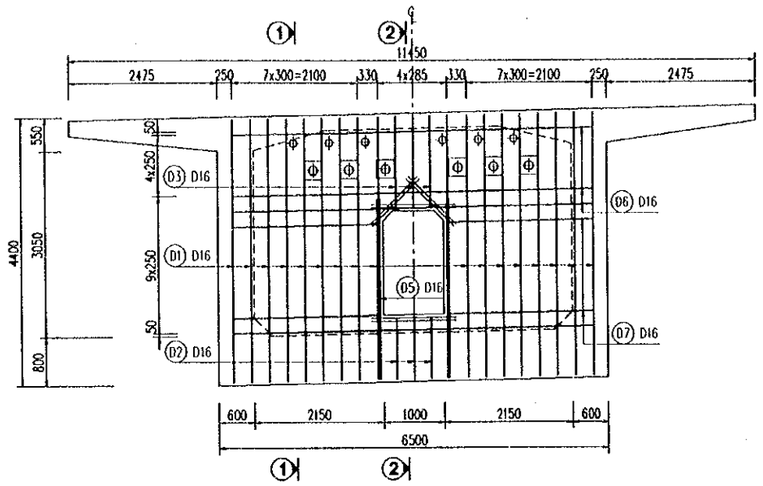
1/2 2 - 2

1/2 3 - 3

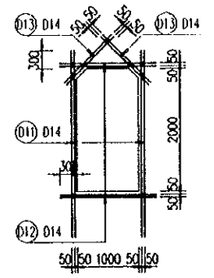


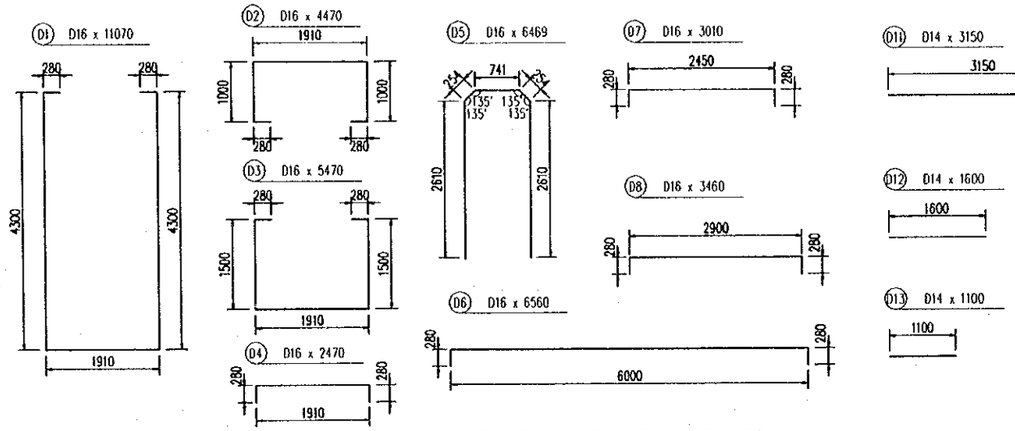
1/2 4 - 4

1/2 5 - 5

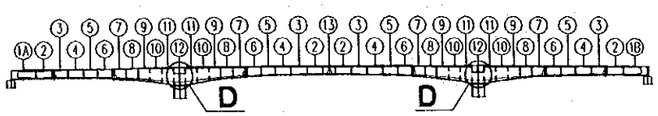


1/2 6 - 6





MARKING DIAGRAM



NOTES

1. FOR STANDARD SIRUCTURAL NOTES SEE DRAWING NO. P3/BR7/0030.

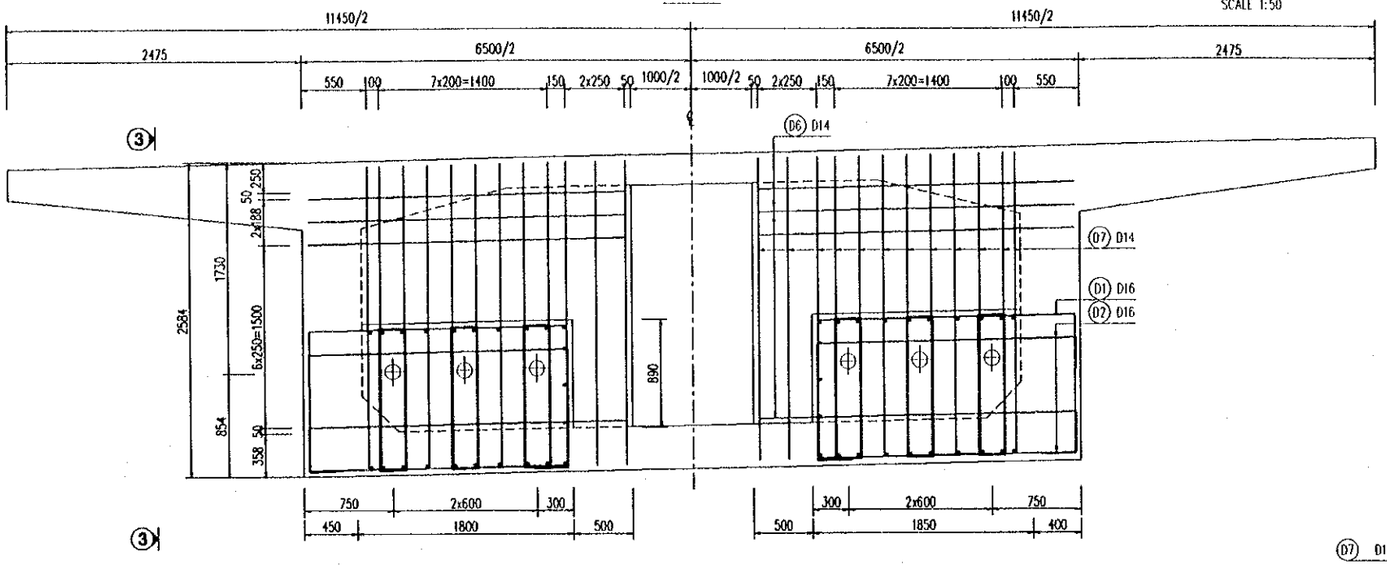
LIST OF REINFORCEMENT (FOR ONE SEGMENT)

REIN. NO.	DIAMETER (mm)	LENGTH (mm)	NUMBER	UNIT WEIGTH (kg/m)	TOTAL LENGTH (m)	TOTAL WEIGHT (kg)
D1	D16	11070	36	1.578	398.5	629.0
D2	D16	4470	6	1.578	26.8	42.3
D3	D16	5470	6	1.578	32.8	51.8
D4	D16	2470	42	1.578	103.7	163.7
D5	D16	6469	13	1.578	84.1	132.7
D6	D16	6560	14	1.578	91.8	145.0
D7	D16	3010	36	1.578	108.4	171.0
D8	D16	3460	47	1.578	162.6	256.7
D9	D16	2500	42	1.578	105.0	165.7
D11	D14	2950	52	1.208	153.4	185.4
D12	D14	1400	52	1.208	72.8	88.0
D13	D14	1100	52	1.208	57.2	69.1
					D14	367.6 kg
					D16	1758.0 kg
					CONCRETE	46.9 m^3

PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM		PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	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 RANG BRIDGE SUPERSTRUCTURE - MAIN BRIDGE ANCHOR & DEVIATOR REINFORCEMENT - SHEET 6	P3/BR7/0720
				SIGNATURE					
				DATE	20/9/2000	29/9/2000	5/10/2000		

ANCHOR AND DEVIATOR REINFORCEMENT

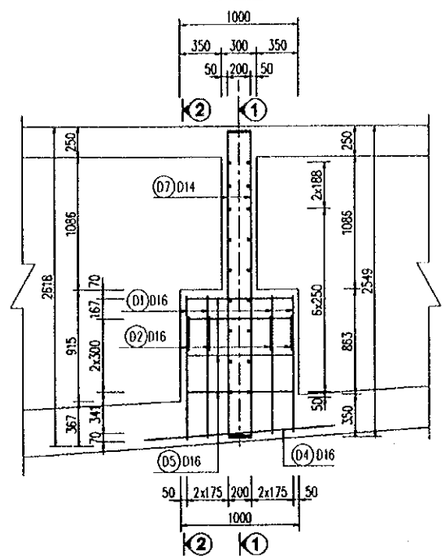
1 - 1



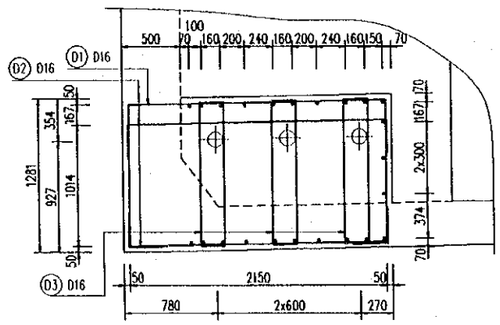
DETAIL E

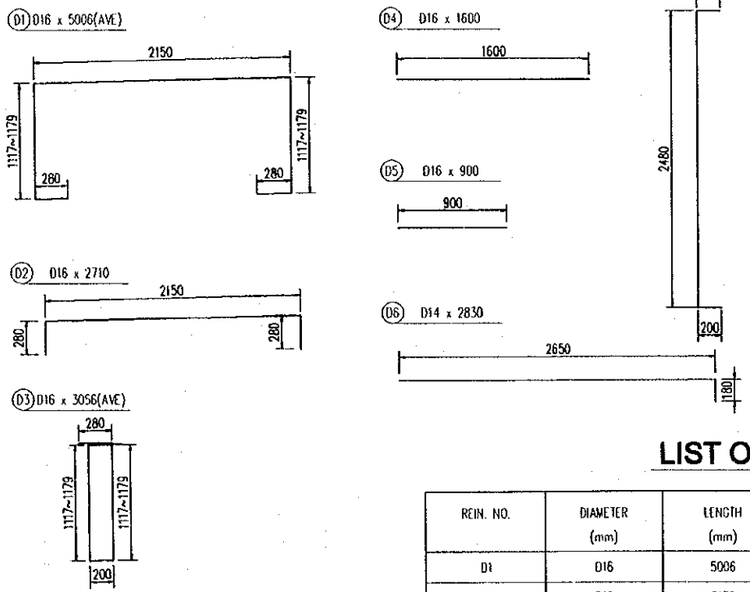
SCALE 1:50

3 - 3



2 - 2

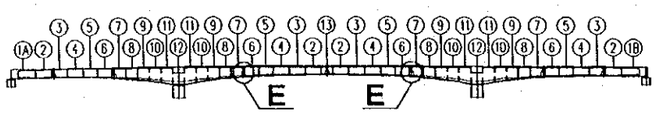




NOTES

1. FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO. P3/BR7/0030.

MARKING DIAGRAM



LIST OF REINFORCEMENT

REIN. NO.	DIAMETER (mm)	LENGTH (mm)	NUMBER	UNIT WEIGTH (kg/m)	TOTAL LENGTH (m)	TOTAL WEIGHT (kg)
D1	D16	5006	8	1.578	40.1	63.2
D2	D16	2170	16	1.578	34.7	54.8
D3	D16	3056	24	1.578	73.3	115.8
D4	D16	1600.0	20	1.578	32.0	50.5
D5	D16	900.0	26	1.578	23.4	36.9
D6	D14	2830.0	36	1.208	101.9	123.1
D7	D14	2880.0	48	1.208	138.2	167.1
					D14	290.2 kg
					D16	321.2 kg
					CONCRETE	4.4 m^3

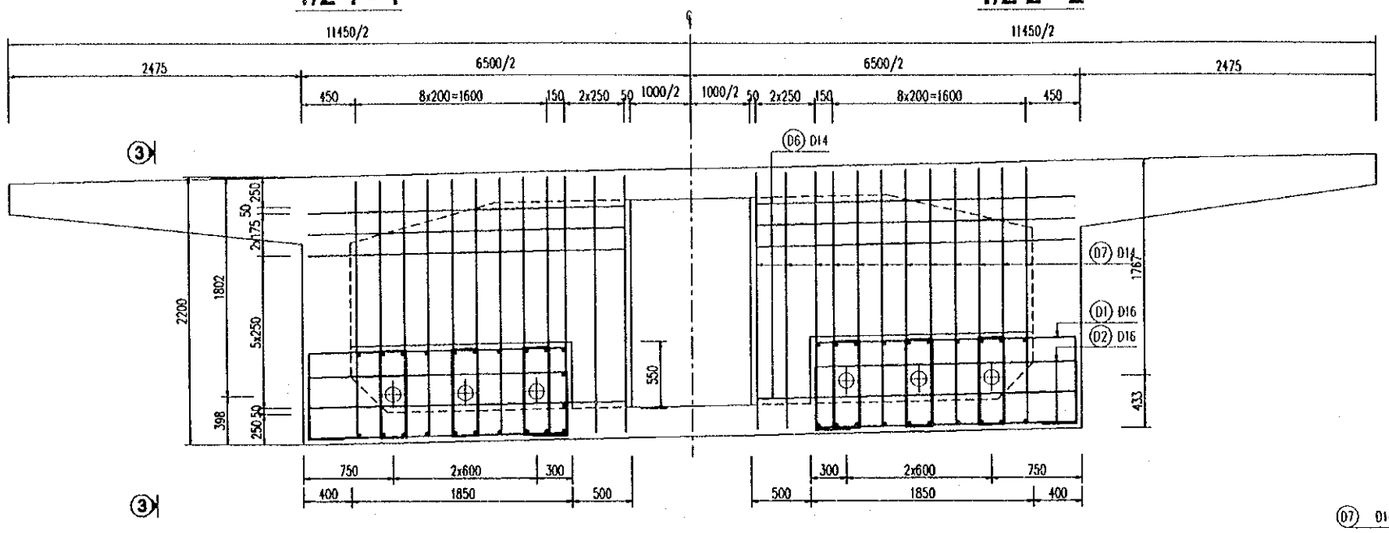
PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM		PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	NIPPON KOEI CO.,LTD.	NAME	T. Kametani	K.Matsumoto	K. Enomoto	CAI RANG BRIDGE SUPERSTRUCTURE - MAIN BRIDGE ANCHOR & DEVIATOR REINFORCEMENT - SHEET 7	P3/BR7/0730
				SIGNATURE					
				DATE	20/9/2000	29/9/2000	5/10/2000		

ANCHOR AND DEVIATOR REINFORCEMENT

DETAIL F

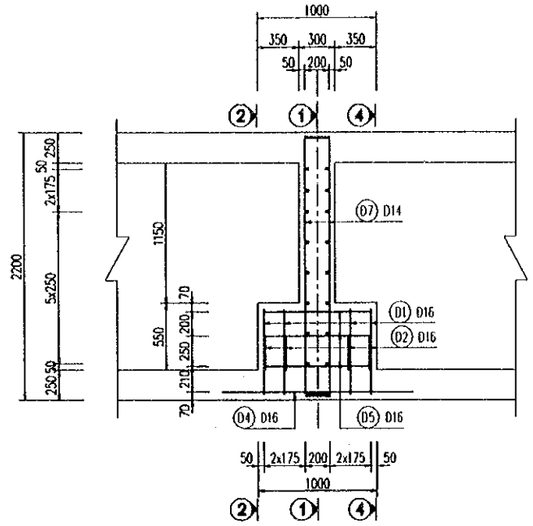
SCALE 1:50

1/2 1 - 1

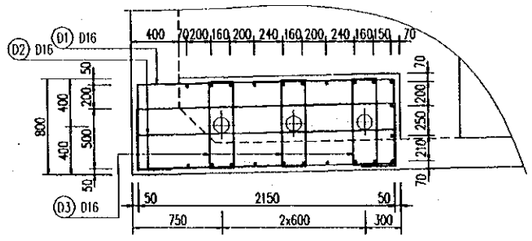


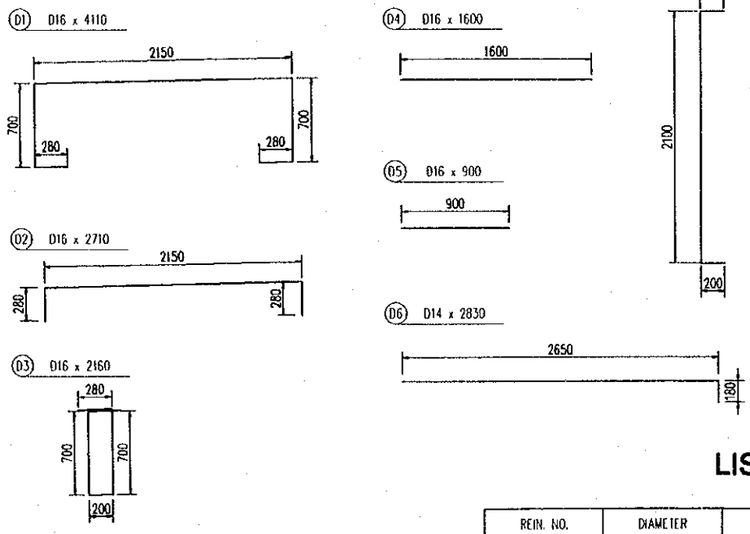
1/2 2 - 2

3 - 3



4 - 4

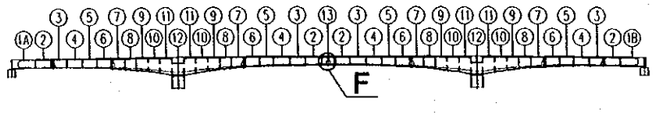




NOTES

1. FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO. P3/BR7/0030.

MARKING DIAGRAM



LIST OF REINFORCEMENT

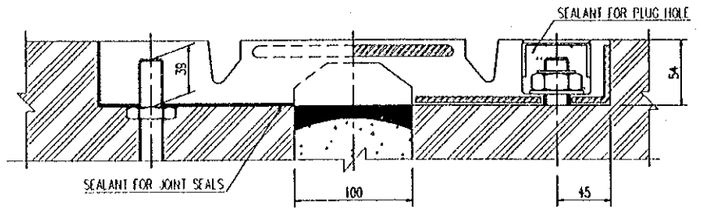
REIN. NO.	DIAMETER (mm)	LENGTH (mm)	NUMBER	UNIT WEIGTH (kg/m)	TOTAL LENGTH (m)	TOTAL WEIGHT (kg)
D1	D16	4110	8	1.578	32.9	51.9
D2	D16	2710	16	1.578	43.4	68.4
D3	D16	2160	24	1.578	51.8	81.8
D4	D16	1600	20	1.578	32.0	50.5
D5	D16	900	24	1.578	21.6	34.1
D6	D14	2830	32	1.208	90.6	109.4
D7	D14	2500	48	1.208	120.0	145.0
					D14	254.4 kg
					D16	286.8 kg
					CONCRETE	3.6 m^3

PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM		PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	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 RANG BRIDGE SUPERSTRUCTURE - MAIN BRIDGE ANCHOR & DEVIATOR REINFORCEMENT - SHEET 8	P3/BR7/0740
				SIGNATURE					
				DATE	20/9/2000	29/9/2000	5/10/2000		

DETAILS OF EXPANSION JOINT

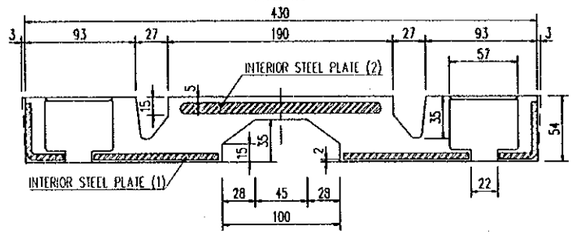
INSTALLATION SECTION

SCALE 1:5



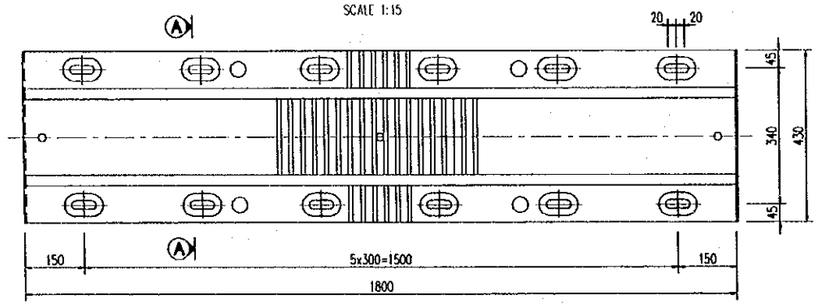
SECTION A - A

SCALE 1:5



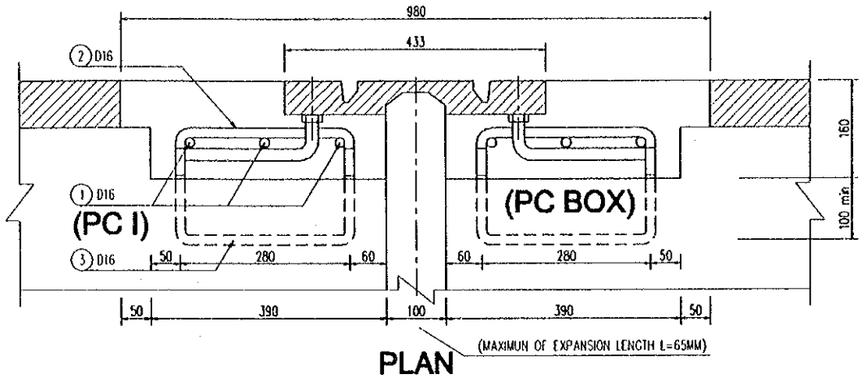
PLAN

SCALE 1:15



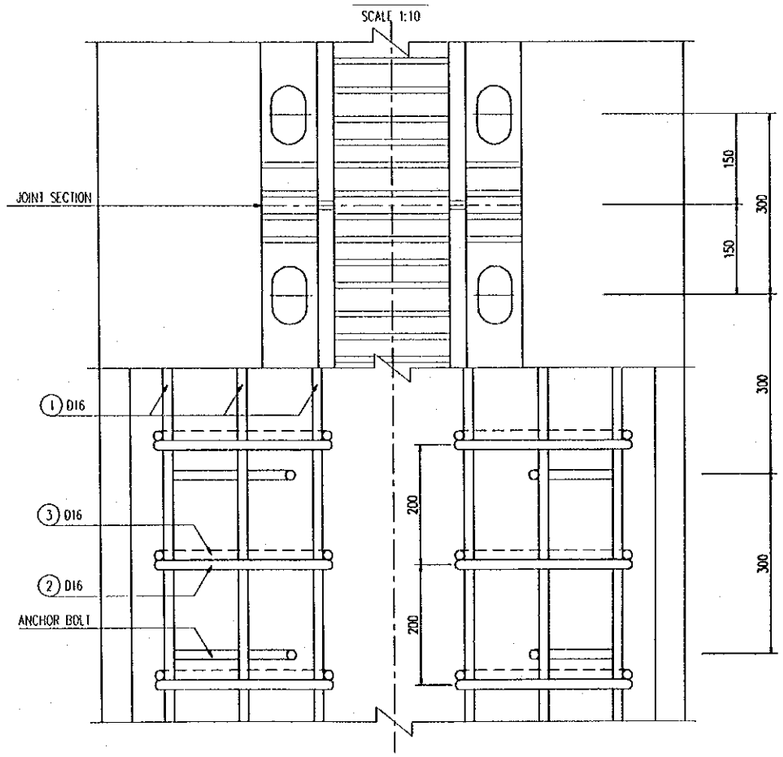
VERTICAL SECTION

SCALE 1:10

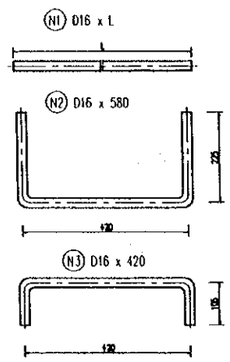


PLAN

SCALE 1:10

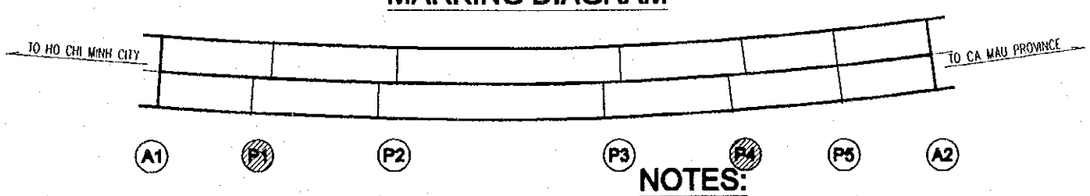


QUANTITY TABLE(Per m)



ITEMS	KIND OR SIZE	QUANTITY	REMARKS
EXPANSION JOINT	TF No.80	1 m	
ANCHOR BOLT	ϕ16 L =272 mm	12/1.8m	@300
REINFORCEMENT	N1 6 - D16	9.47 kg	
	N2 5 - D16	4.58 kg	@200
	N3 5 - D16	3.32 kg	@200
CONCRETE		0.114 m3	CAST IN PLACE

MARKING DIAGRAM



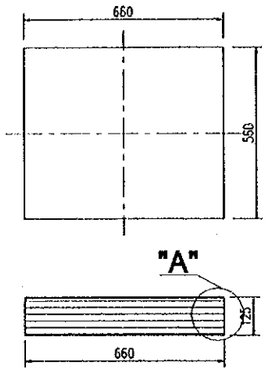
NOTES:

1. FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO. P3/BR7/0030.

PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM		PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	NIPPON KOEI CO.,LTD.	NAME	T. Kametani	K.Matsumoto	K. Enomoto	CAI RANG BRIDGE SUPERSTRUCTURE - MAIN BRIDGE DETAILS OF EXPANSION JOINT	P3/BR7/0750
				SIGNATURE					
				DATE	20/9/2000	29/9/2000	5/10/2000		

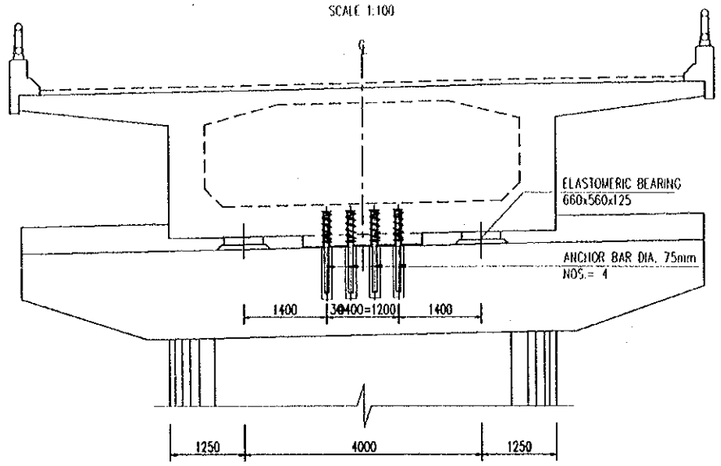
DETAILS OF BEARING
ELASTOMERIC BEARING

SCALE 1:20



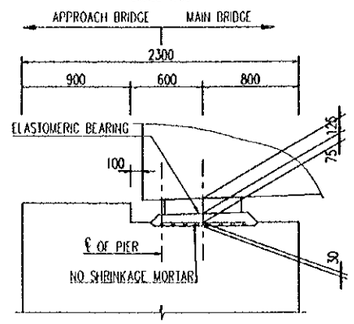
CROSS SECTION

SCALE 1:100



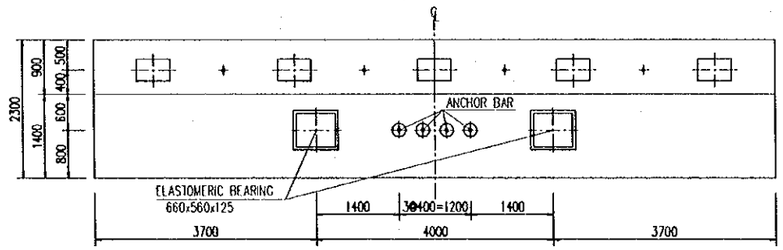
PROFILE

SCALE 1:50



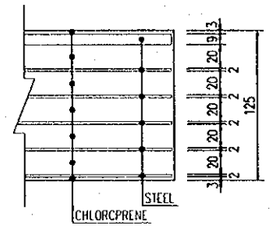
PLAN

SCALE 1:100



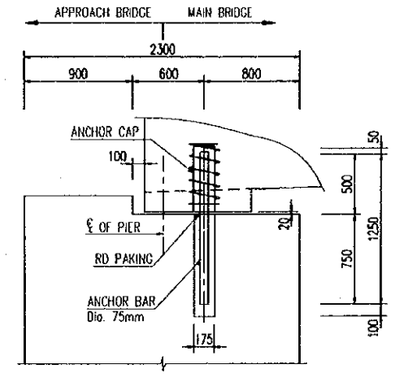
DETAIL "A"

SCALE 1:5



ANCHOR

SCALE 1:50



BEARING PERFORMANCE REQUIREMENTS

LOCATION	SERVICEABILITY		
	VERTICAL LOAD (kN)		LONGITUDINAL HORIZONTAL LOAD (kN)
	MAXIMUM	MINIMUM	
PIER 1	2 180	1 160	-
PIER 4	2 180	1 160	-

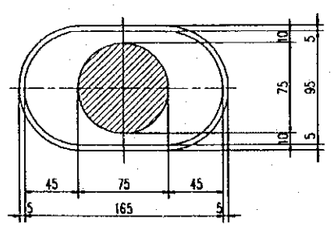
QUANTITY TABLE

(FOR PIER P1 & P4)

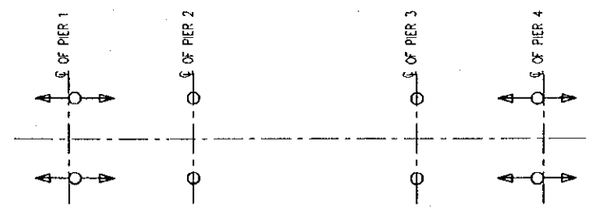
ITEMS	UNIT	QUANTITY
BEARINGS 660x560x125	SET	8
ANCHOR	SET	16

ANCHOR CAP

SCALE 1:5



BEARING LAYOUT



KEY :

DENOTES GUIDE SLIDING BEARING MOVEMENT (IN THE GIVEN BY THE ARROWS)

NOTES:

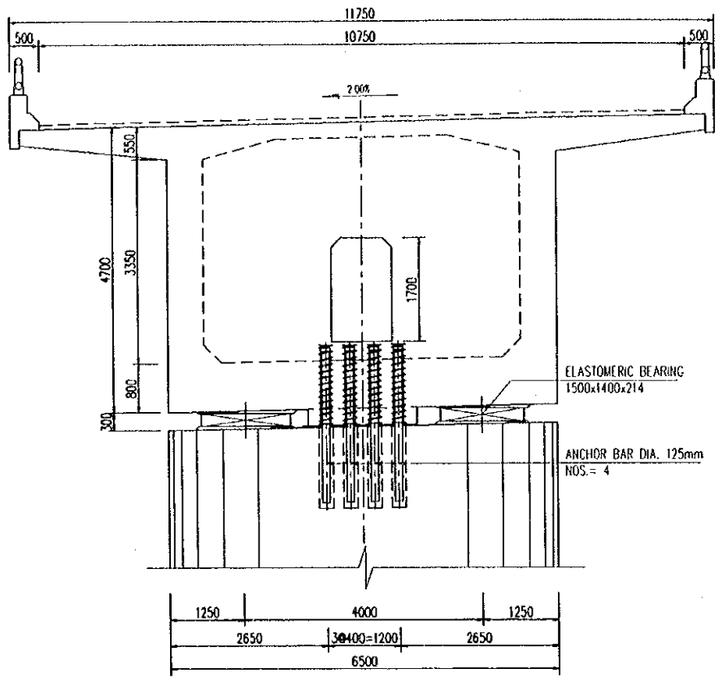
1. FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO. P3/BR7/0030.

PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM		PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	NIPPON KOEI CO.,LTD.	NAME	T. Kametani	K.Matsumoto	K. Enomoto	CAI RANG BRIDGE SUPERSTRUCTURE - MAIN BRIDGE BEARING DETAILS - SHEET 1	P3/BR7/0760
				SIGNATURE					
				DATE	20/9/2000	29/9/2000	5/10/2000		

DETAILS OF BEARING (CONTINUED)

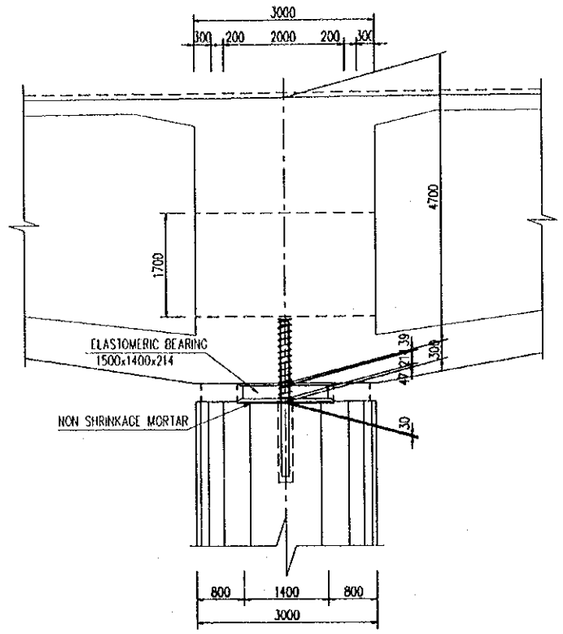
CROSS SECTION (PIER P2 & P3)

SCALE 1:100



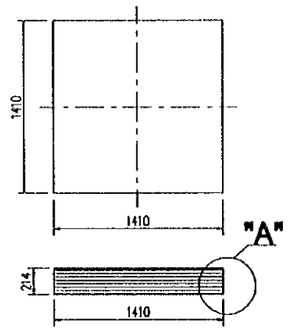
PROFILE (PIER P2 & P3)

SCALE 1:100



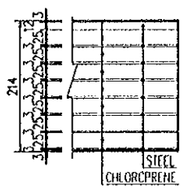
ELASTOMERIC BEARING

SCALE 1:50



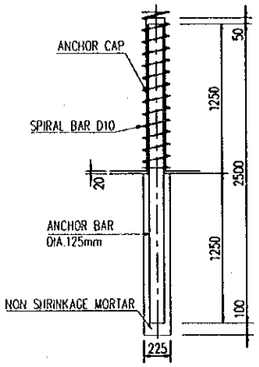
DETAIL "A"

SCALE 1:10



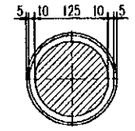
ANCHOR BAR

SCALE 1:50



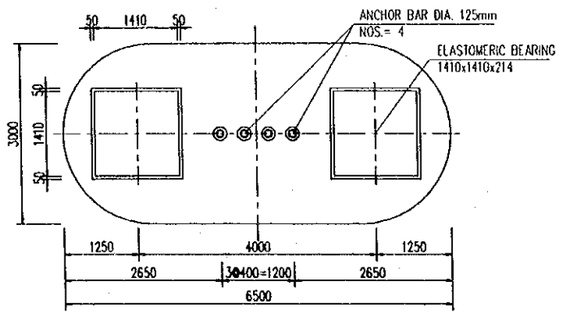
ANCHOR CAP

SCALE 1:4



PLAN (PIER 2 & PIER 3)

SCALE 1:100



BEARING PERFORMANCE REQUIREMENTS

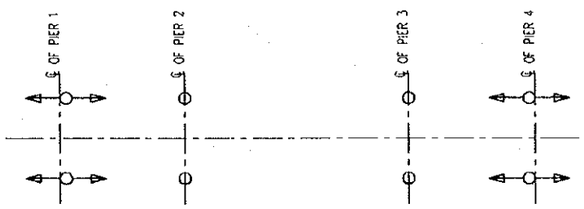
LOCATION	SERVICEABILITY		
	VERTICAL LOAD (kN)		LONGITUDINAL HORIZONTAL LOAD (kN)
	MAXIMUM	MINIMUM	
PIER 2	13 650	11 400	1 050
PIER 3	13 650	11 400	1 050

QUANTITY TABLE

(FOR PIER P2 & P3)

ITEMS	UNIT	QUANTITY
BEARINGS 1410x1410x214	SET	8
ANCHOR	SET	16

BEARING LAYOUT



KEY :

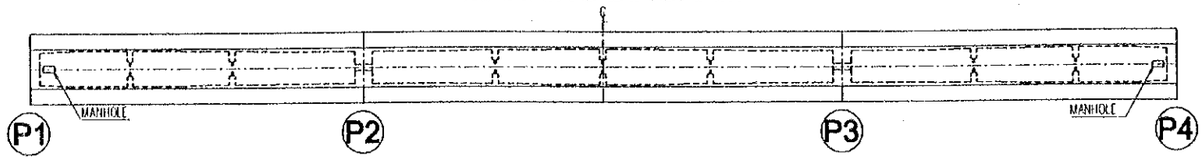
DENOTE GUIDE SLIDING BEARING MOVEMENT (IN THE GIVEN BY THE ARROWS)

NOTES:

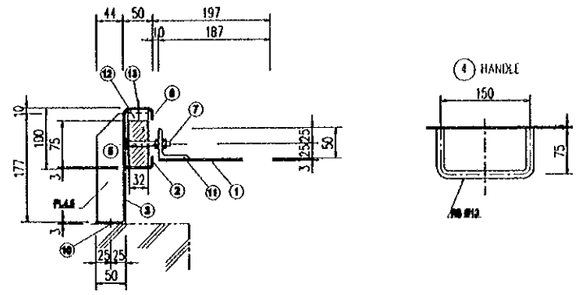
1. FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO. P3/BR7/0030.

PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM		PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	NIPPON KOEI CO.,LTD.	NAME	T. Kametani	K.Matsumoto	K. Enomoto	CAI RANG BRIDGE SUPERSTRUCTURE - MAIN BRIDGE BEARING DETAILS - SHEET 2	P3/BR7/0770
				SIGNATURE					
				DATE	20/9/2000	29/9/2000	5/10/2000		

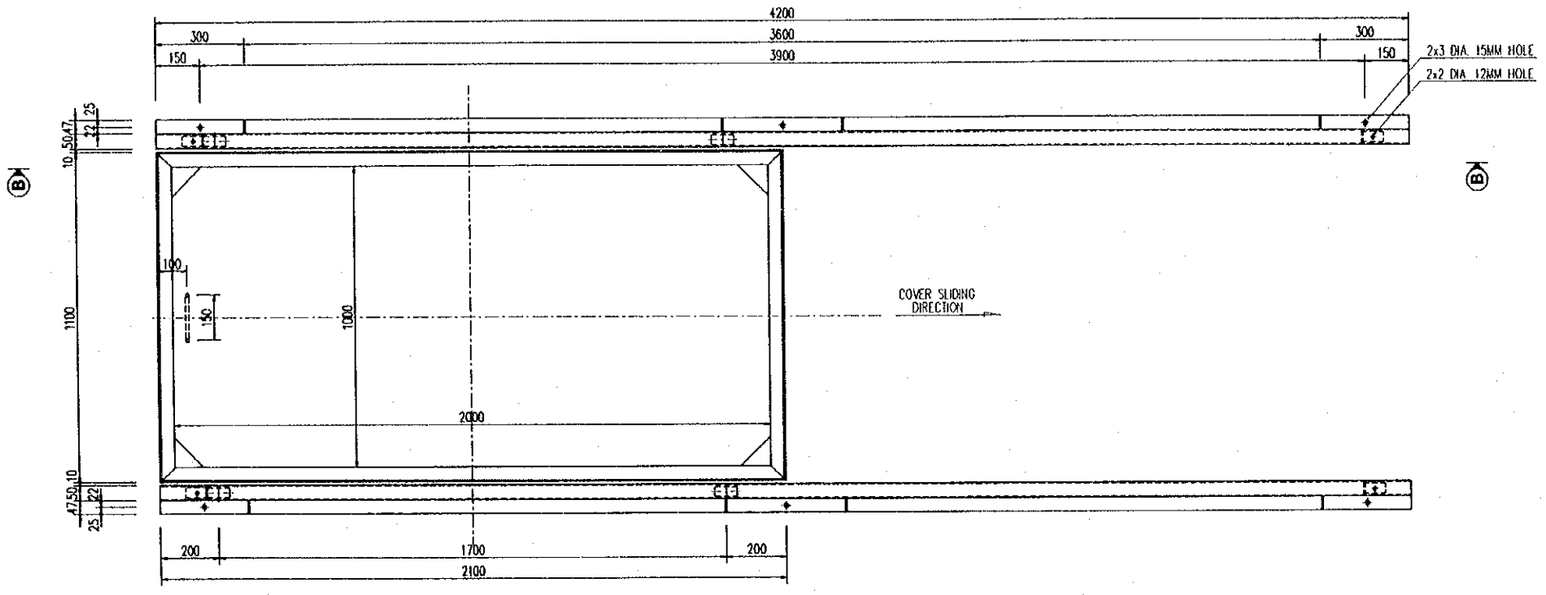
MARKING DIAGRAM



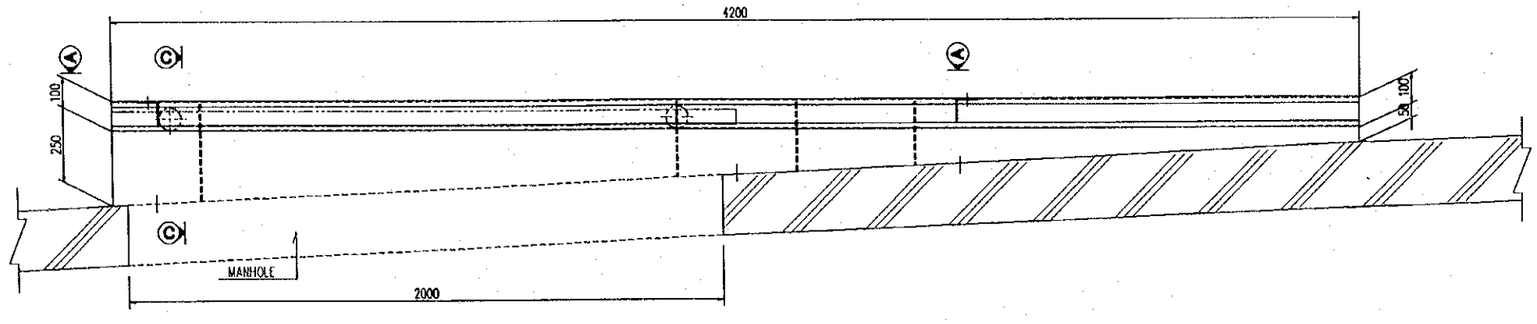
C - C
SCALE 1:10



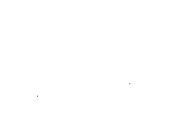
A - A
SCALE 1:20



B - B
SCALE 1:20



DETAIL OF CHAIN ANCHOR



DETAIL OF KEEPING OF THE COVER PLATE'S POSITION

NOTE:

FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO. P3/BR7/0030.

① COVER PLATE
② STEEL PILE FOR DIRECTION
③ SUPPORT
④ HANDLE
⑤ WHEEL
⑥ BOLT FOR CONNECTING BETWEEN ① & ⑥
⑦ STEEL RING
⑧ ANCHOR BOLT
⑨ RIGID CONNECTION BY BOLT
⑪ CHAIN

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 RANG BRIDGE SUPERSTRUCTURE - MAIN BRIDGE MANHOLE COVER	P3/BR7/0780
				SIGNATURE					
				DATE	20/9/2000	29/9/2000	5/10/2000		

QUANTITY OF SUPERSTRUCTURE - MAIN BRIDGE

Item		Work Item	Unit	Quantity			Remarks
				Right	Left	Total	
Concrete	CLASS B	Cantilever	m3	543.5	543.5	1,087.0	sck=400kgf/c
		Support	m3	1,038.5	1,038.5	2,077.0	
		Total	m3	1,582.0	1,582.0	3,164.0	
Re-bar		D14	ton	48.8	48.8	97.7	
		D16~D25	ton	200.0	200.0	400.0	
		Total	ton	248.9	248.9	497.7	
PC Steel	12S12.7B	Internal Longitudinal Prestressing Tendons	ton	29.1	29.1	58.1	SWPR7B
	12S15.2	External Longitudinal Prestressing Tendons	ton	13.0	13.0	26.0	SWPR7B
	3S12.7	Internal Transverse Tendons	ton	4.2	4.2	8.4	
Anchor	12S12.7B	Dead Anchors	set	0.0	0.0	0.0	
		Live Anchors	set	172.0	172.0	344.0	
	12S15.2	Live Anchors	set	36.0	36.0	72.0	
	3S12.7	Dead Anchors	set	163.0	163.0	326.0	
		Live Anchors	set	163.0	163.0	326.0	
Duct	$80/85	For Internal Longitudinal Prestressing Tendons	m	3,130.1	3,130.1	6,260.2	
	$90/100	For External Longitudinal Prestressing Tendons	m	984.7	984.7	1,969.5	
	Flat Duct 25x80	For Internal Transverse Tendons	m	1,866.4	1,866.4	3,732.7	
Cement grout in sheathing			m3	13.2	13.2	26.4	
Bearing		Product layer rubber bearing 1410x1410x214	set	4.0	4.0	8.0	
		Product layer rubber bearing 660x560x125	set	4.0	4.0	8.0	
		Non-Shrink Mortar	m3	2.0	2.0	4.0	
Expansion joint		100mm Expansion Joint	m	21.5	21.5	43.0	
Pavement	t=70mm	Aspfalt concrete surface course	m2	1,709.3	1,709.3	3,418.6	
	t=5mm	Water proofing	m2	1,709.3	1,709.3	3,418.6	
Anchorage bar	$75, L=1250mm		set	8.0	8.0	16.0	
	$125, L=2500mm		set	8.0	8.0	16.0	

NOTES:

FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO. P3/BR7/0030.

PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM		PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	NIPPON KOEI CO.,LTD.	NAME	T. Kametani	K.Matsumoto	K. Enomoto	CAI RANG BRIDGE SUPERSTRUCTURE - MAIN BRIDGE QUANTITY TABLE OF SUPERSTRUCTURE - MAIN BRIDGE	P3/BR7/0790
				SIGNATURE					
				DATE	20/9/2000	29/9/2000	5/10/2000		

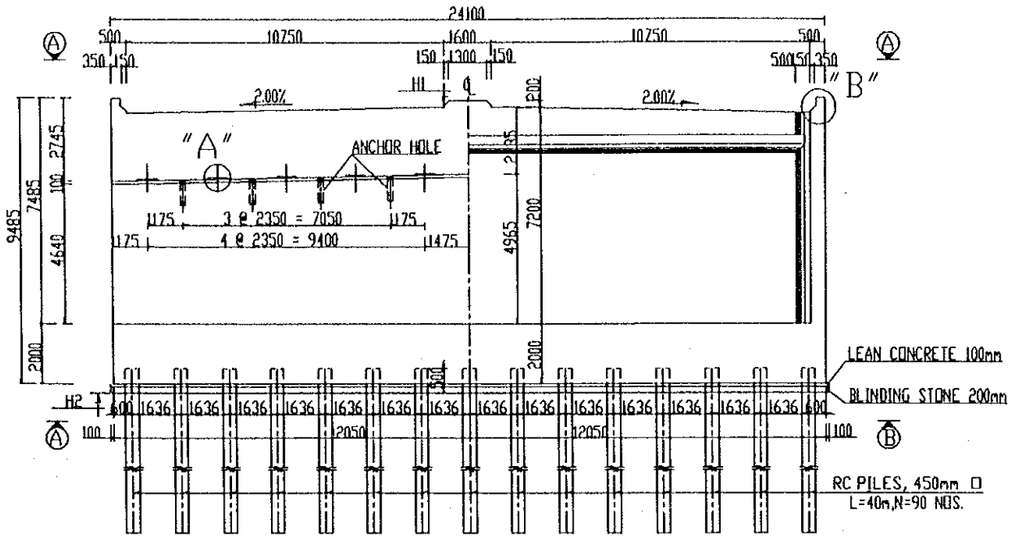
IV. ABUTMENTS

DETAIL OF ABUTMENT

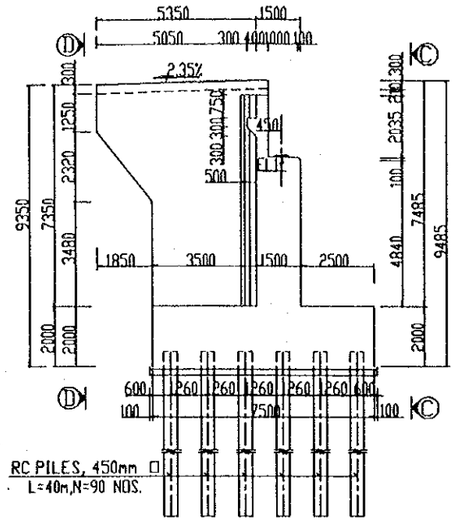
(SCALE 1:200)

1/2 C - C

1/2 D - D

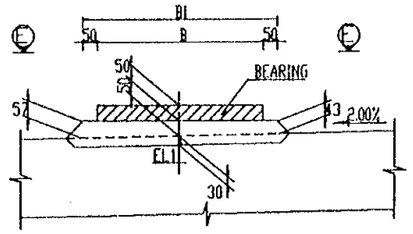


SIDE ELEVATION

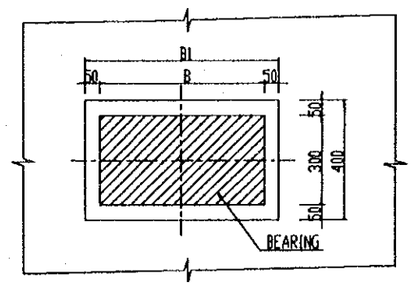


DETAIL "A"

(SCALE 1:20)

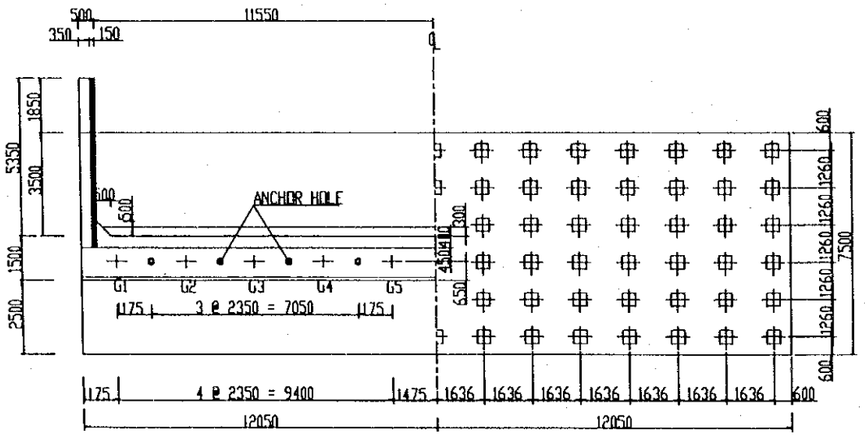


PLAN



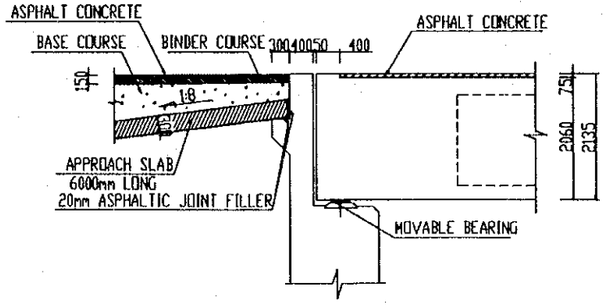
1/2 A-A

1/2 B - B



DETAIL OF BACK WALL

(SCALE 1:100)

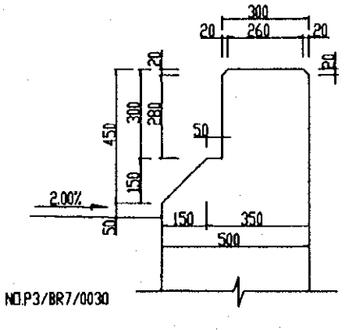


DIMENSIONS OF DETAIL "A"

BEARING \ DIMENSIONS (mm)	B1	B
FOR GIRDER "I" ,L=37m	700	600
FOR GURDER "I" ,L=31m	650	550

DETAIL "B"

(SCALE 1:20)



GIRDER BEARING SEAT ELEVATION OF EL1

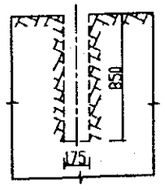
ABUTMENT \ GROUT PAD	G1	G2	G3	G4	G5
A1	+6.24	+6.29	+6.34	+6.38	+6.43
A2	+6.06	+6.11	+6.16	+6.20	+6.25

ELEVATION TABLE

ABUTMENT \ ELEVATION	H1	H2
A1	+8.68	-0.52
A2	+8.50	-0.70

DETAIL OF ANCHOR HOLE

(SCALE 1:50)



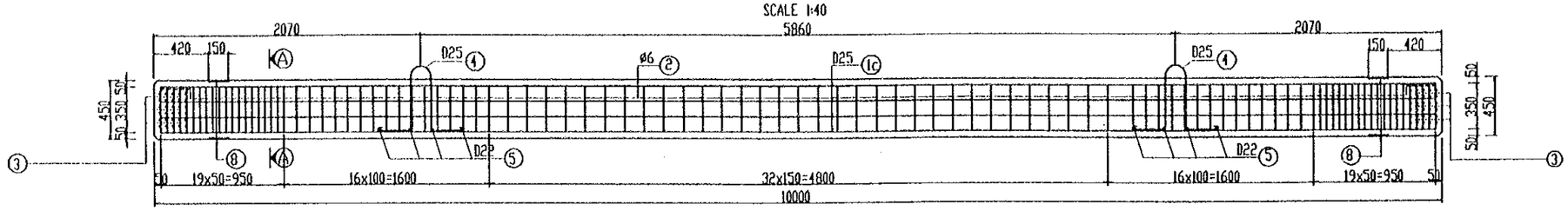
NOTES

1.FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO.P3/BR7/0030

PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM		PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	NIPPON KOEI CO.,LTD.	NAME	T. Kametani	K.Matsumoto	K. Enomoto	CAI RANG BRIDGE ABUTMENTS ABUTMENT A1&A2 GENERAL VIEW	P3/BR7/0800
				SIGNATURE					
				DATE	20/9/2000	29/9/2000	5/10/2000		

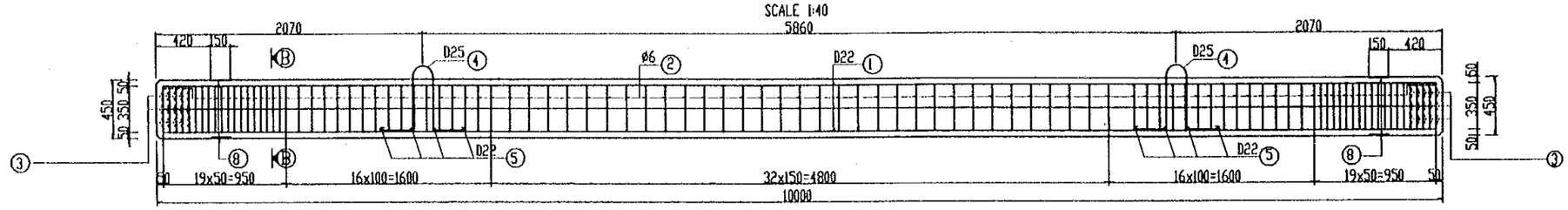
R.C.PILE-1 L=10M

SCALE 1:40



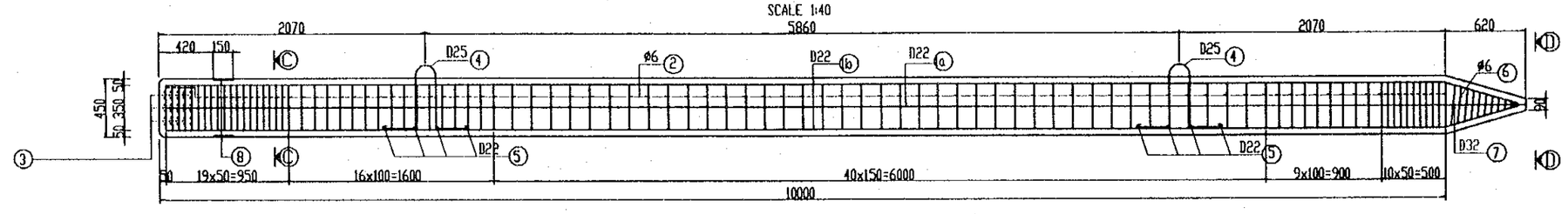
R.C.PILE-2 L=10M

SCALE 1:40



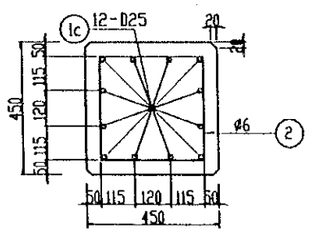
R.C.PILE-3 L=10M

SCALE 1:40



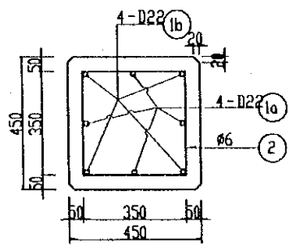
A-A

SCALE 1:20



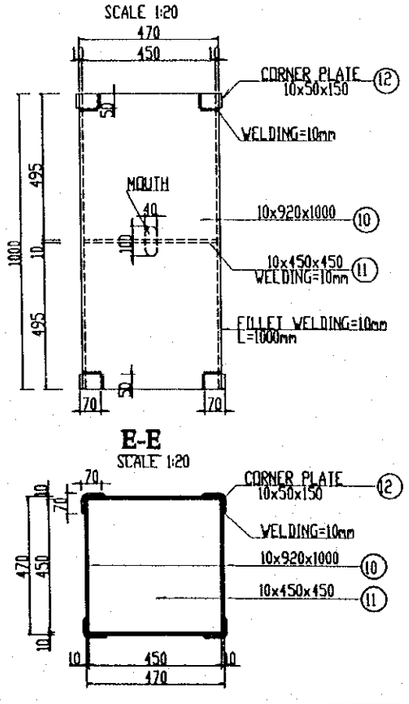
C-C

SCALE 1:20



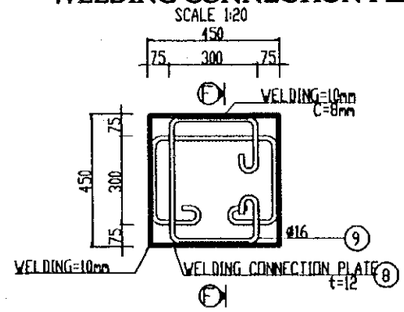
CONPLING BOX

SCALE 1:20



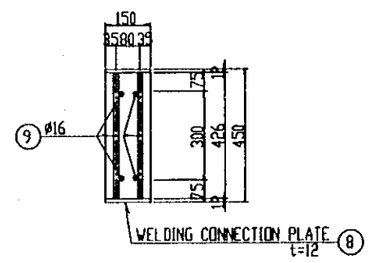
WELDING CONNECTION PLATE

SCALE 1:20



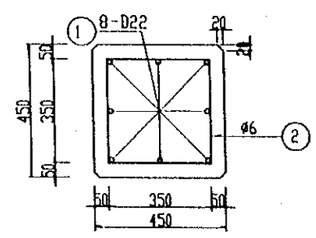
F-F

SCALE 1:20



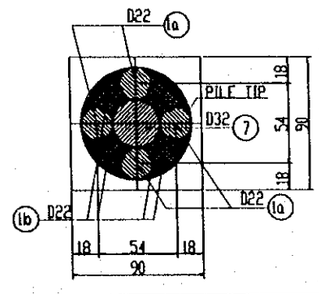
B-B

SCALE 1:20



D-D

SCALE 1: 4

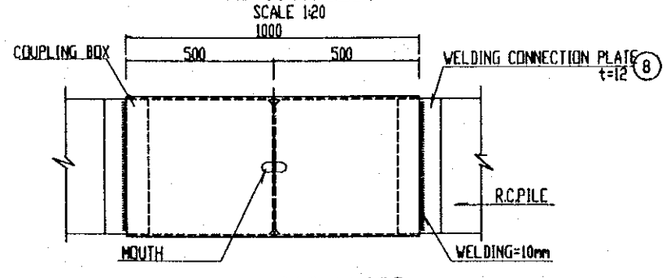


E-E

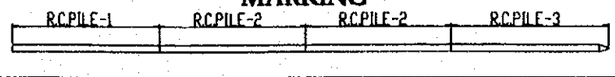
SCALE 1:20

ELEVATION

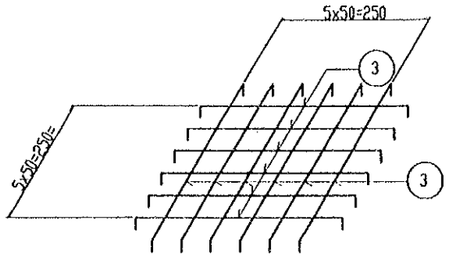
SCALE 1:20

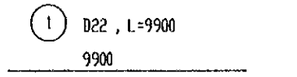


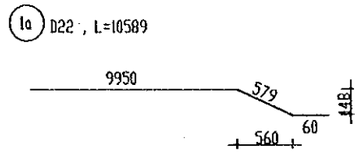
MARKING

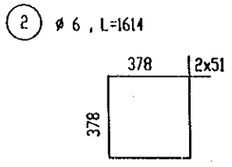


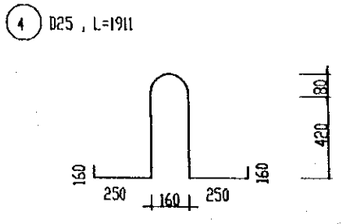
PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM		PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	NIPPON KOEI CO.,LTD.	NAME	T. Kametani	K.Matsumoto	K. Enomoto	CAI RANG BRIDGE ABUTMENTS ABUTMENTS A1&A2-RC PILE□450-L=40.0m-SHEET 1	P3/BR7/0810
				SIGNATURE					
				DATE	20/9/2000	29/9/2000	5/10/2000		

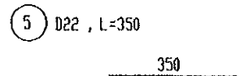


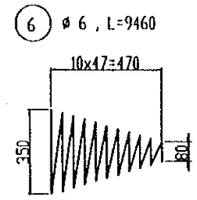


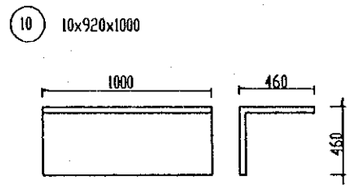












LIST OF REINFORCEMENT

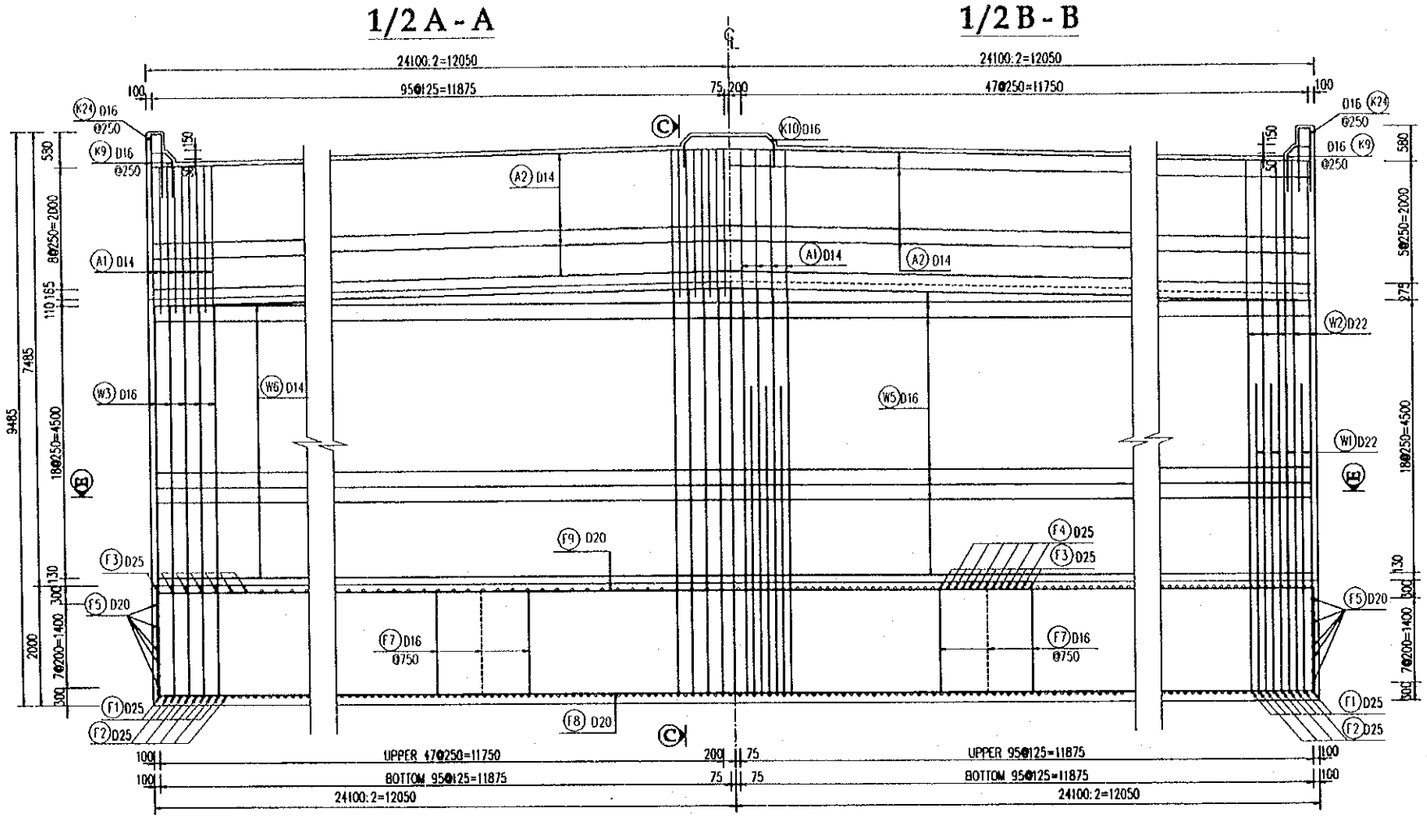
	SIGN	DIACETER mm	UNIT WEIGHT kg/m	LENGTH mm	NOS.	TOTAL LENGTH m	TOTAL WEIGHT kg
R.C.PILE-1 10M	1c	25	2.984	9900	12	118.8	458.4
	2	6	0.222	1614	95	153.33	34.0
	3	6	0.222	490	120	44.6	13.1
	4	25	3.853	1911	2	3.82	14.7
	5	22	26.25	350	8	2.80	8.3
	8	12x150x876	12.378		2		24.8
	9	16	1.579	1508	8	12.06	19.0
	1. TOTAL			572.3	kg		
	ø6			47.1	kg		
	D16			19.0	kg		
	D22			8.3	kg		
	D25			473.1	kg		
	12x150x876			24.8	kg		
	2. CONCRETE M300			2.0	m3		
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		
	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	m3		
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		
	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	m3		
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	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 RANG BRIDGE ABUTMENTS ABUTMENTS A1&A2-RC PILE□450-L=40.0m-SHEET 2	P3/BR7/0820
				SIGNATURE					
				DATE	20/9/2000	29/9/2000	5/10/2000		

REINFORCEMENT ARRANGEMENT OF ABUTMENT A1 & A2

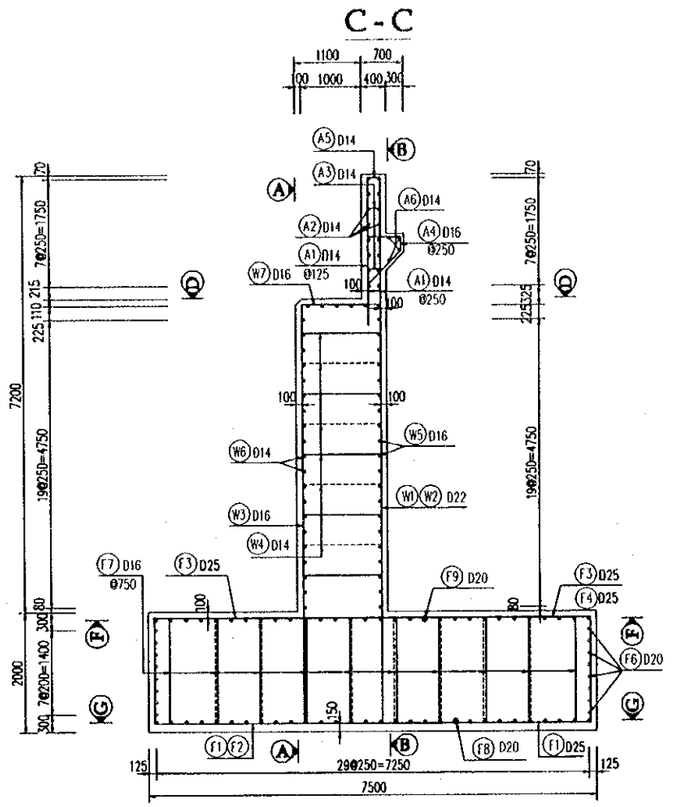
(SCALE 1:100)

1/2 A - A

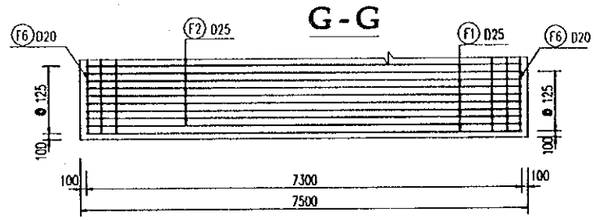


1/2 B - B

C - C



G - G



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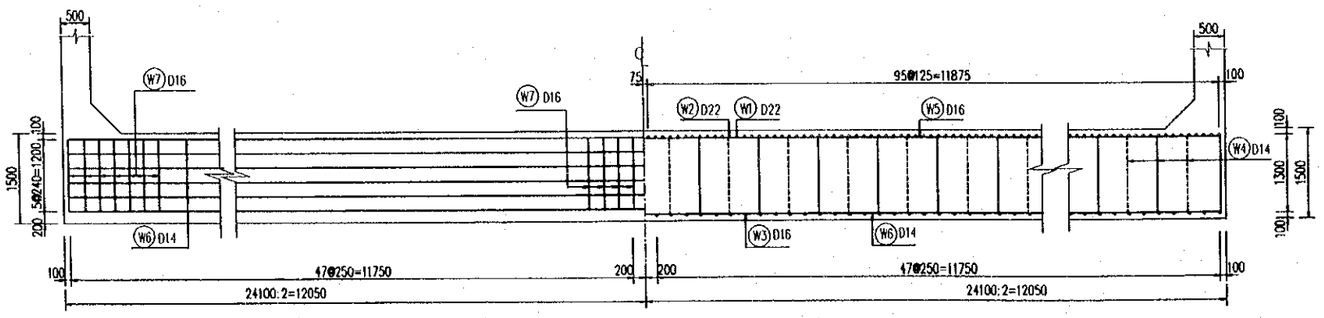
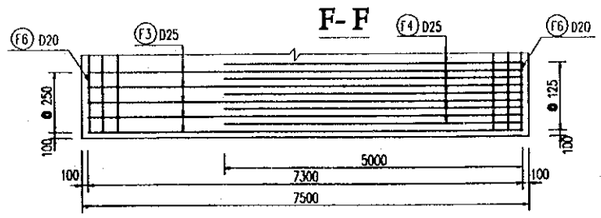


1/2 E - E

F - F

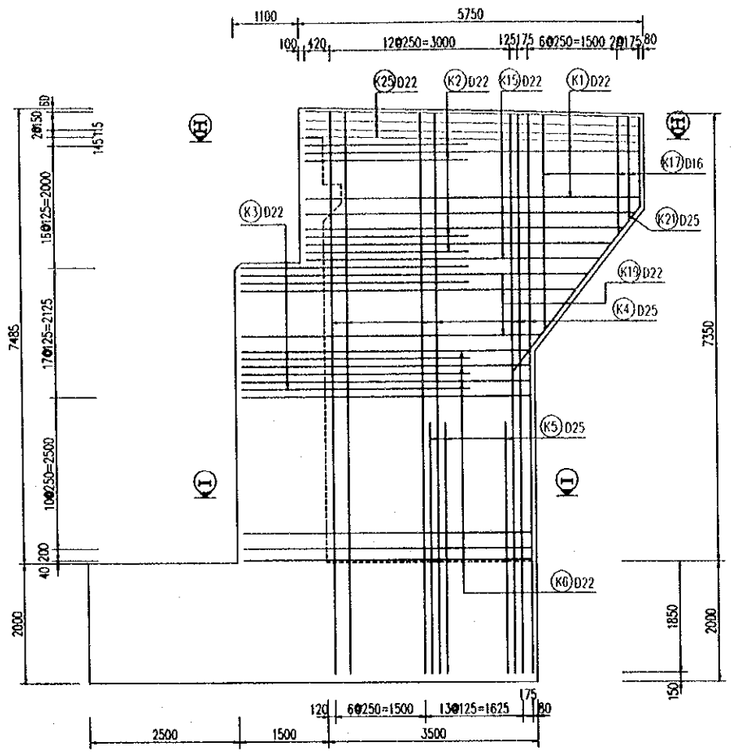


NOTES

1. FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO. PJ/BR7/0030

PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM		PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	NIPPON KOEI CO.,LTD.	NAME	T. Kametani	K.Matsumoto	K. Enomoto	CAI RANG BRIDGE ABUTMENTS ABUTMENT A1 & A2 - REINFORCEMENT- SHEET 1	P3/BR7/0830
				SIGNATURE					
				DATE	20/9/2000	29/9/2000	5/10/2000		

J-J



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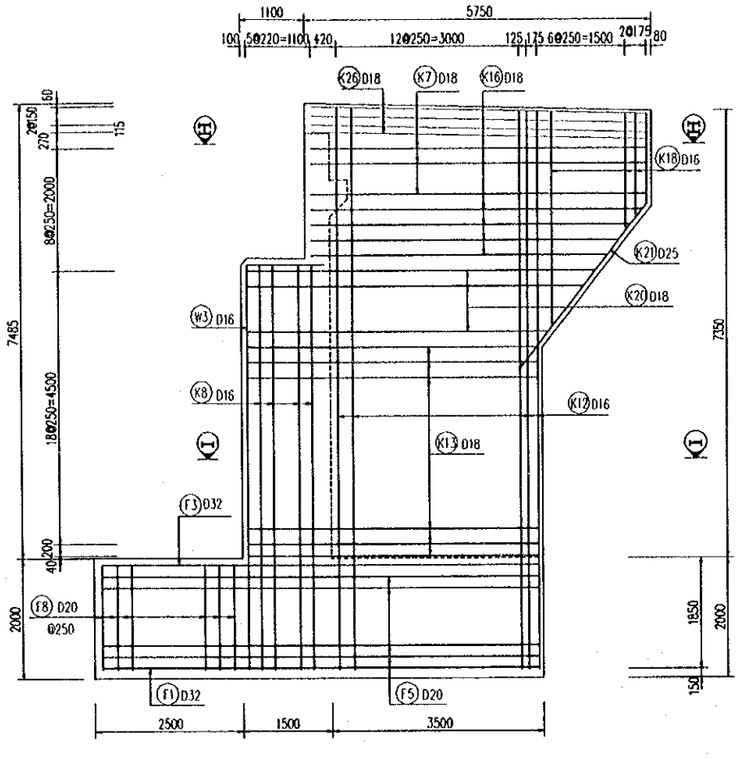
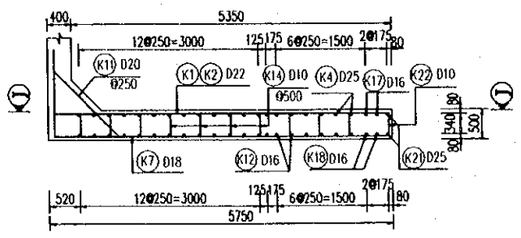
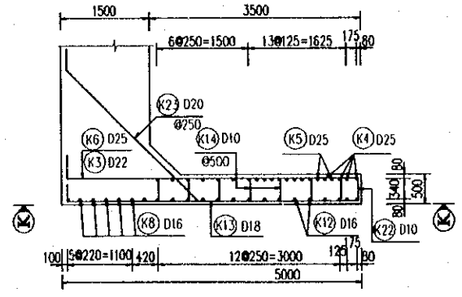


H-H

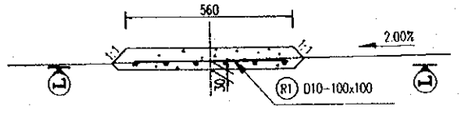


I-I



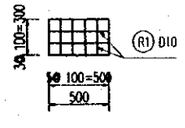
REINFORCING SHOES

(SCALE 1:20)



L-L

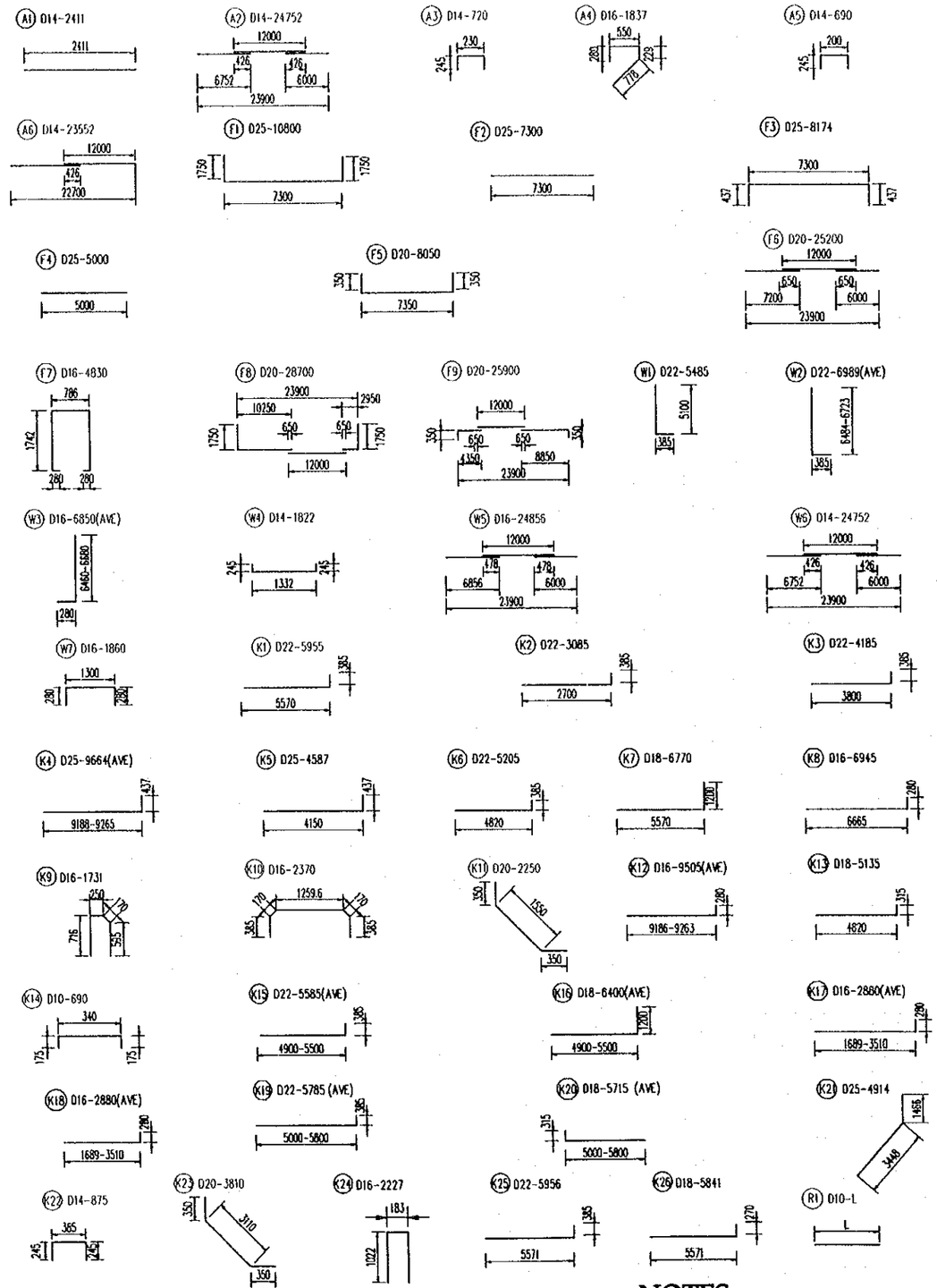
(SCALE 1:50)



NOTES

1. FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO. P3/BR7/0030

PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM		PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	NIPPON KOEI CO.,LTD.	NAME	T. Kametani	K.Matsumoto	K. Enomoto	CAI RANG BRIDGE ABUTMENTS ABUTMENT A1 & A2 - REINFORCEMENT- SHEET 2	P3/BR7/0840
				SIGNATURE					
				DATE	20/9/2000	29/9/2000	5/10/2000		



LIST OF REINFORCEMENT (FOR 1 ABUTMENT)

REINF. No	DIA. (mm)	LENGTH (mm)	NUMBER	UNIT WEIGHT (kg/m)	WEIGHT (kg)	REMARKS
A1	14	2411	289	1.208	842.0	
A2	14	24752	18	1.208	538.4	
A3	14	720	144	1.208	125.3	
A4	16	1837	97	1.578	281.2	
A5	14	690	97	1.208	80.9	
A6	14	23552	4	1.208	113.8	
F1	25	10800	97	3.853	4036.8	
F2	25	7300	96	3.853	2700.4	
F3	25	8174	97	3.853	3055.2	
F4	25	5000	96	3.853	1849.6	
F5	20	8050	16	2.466	317.6	
F6	20	25200	16	2.466	994.4	
F7	16	4830	144	1.578	1097.8	
F8	20	28700	30	2.466	2123.4	
F9	20	25900	30	2.466	1916.2	
W1	22	5485	94	2.984	1538.5	
W2	22	6989	97	2.984	2023.0	AVERAGE
W3	16	6850	97	1.578	1048.7	AVERAGE
W4	14	1822	212	1.208	466.8	
W5	16	24856	21	1.578	823.9	
W6	14	24752	25	1.208	747.8	
W7	16	1860	97	1.578	284.8	
K1	22	5955	8	2.984	142.2	
K2	22	3085	16	2.984	147.3	
K3	22	4185	12	2.984	149.9	
K4	25	9664	28	3.853	1042.7	AVERAGE
K5	25	4587	12	3.853	212.1	
K6	22	5205	30	2.984	466.0	
K7	18	6770	8	1.998	108.2	
K8	16	6945	12	1.578	131.5	
K9	16	1731	44	1.578	120.2	
K10	16	2370	2	1.578	7.5	
K11	20	2250	22	2.466	122.1	
K12	16	9505	28	1.578	420.1	AVERAGE
K13	18	5135	28	1.998	287.2	
K14	10	690	240	0.617	102.1	
K15	22	5585	12	2.984	200.0	AVERAGE
K16	18	6400	12	1.998	153.4	AVERAGE
K17	16	2880	16	1.578	72.7	AVERAGE
K18	16	2880	16	1.578	72.7	AVERAGE
K19	22	5785	6	2.984	103.6	AVERAGE
K20	18	5715	6	1.998	68.5	AVERAGE
K21	25	4914	4	3.853	75.7	
K22	14	875	60	1.208	63.4	
K23	20	3810	34	2.466	319.5	
K24	16	2227	44	1.578	154.7	
K25	22	5956	8	2.984	142.2	
K26	18	5841	8	1.998	93.3	
R1	10	3800	10	0.617	23.4	

TOTAL : 32009 Kg

D10:	126 Kg	D20 :	5793 Kg
D14:	2978 Kg	D22 :	4913 Kg
D16:	4516 Kg	D25 :	12973 Kg
D18:	711 Kg		

NOTES:

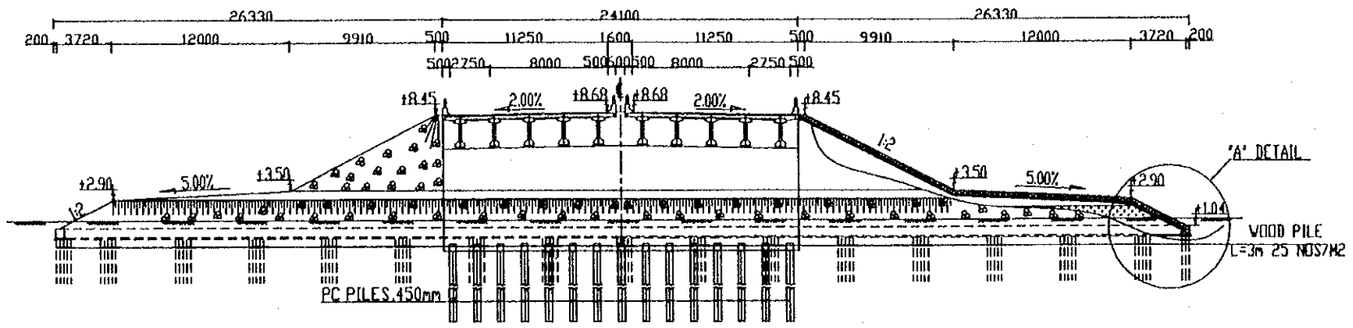
- FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO. P3/BR7/0030

PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM		PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	NIPPON KOEI CO.,LTD.	NAME	T. Kametani	K.Matsumoto	K. Enomoto	CAI RANG BRIDGE ABUTMENTS ABUTMENT A1 & A2 - REINFORCEMENT- SHEET 3	P3/BR7/0850
				SIGNATURE					
				DATE	20/9/2000	29/9/2000	5/10/2000		

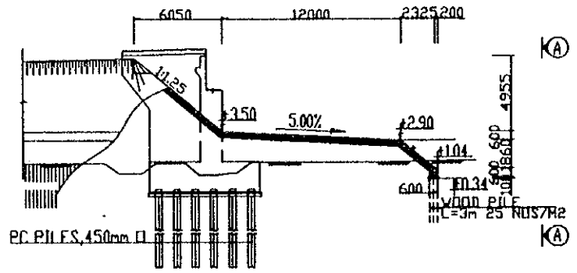
EARTHWORKS SLOPE PROTECTION

(SCALE 1:375)

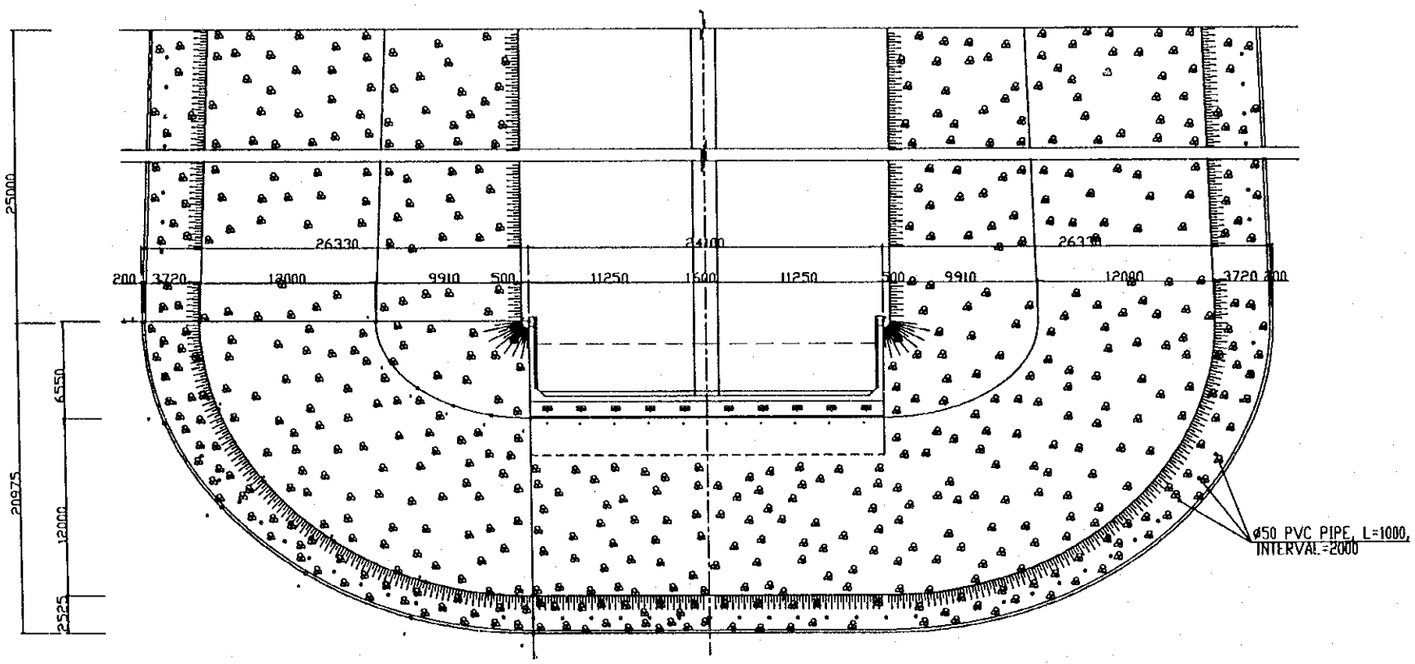
A-A (ABUTMENT A1)



SIDE ELEVATION



PLAN



"A" DETAIL

(SCALE 1:50)

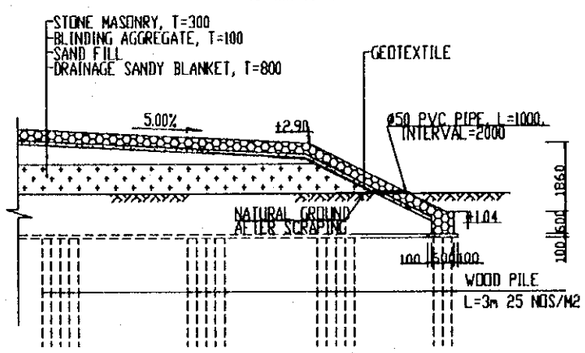


TABLE OF COORDINATES

No	X (cm)	Y (cm)
0	0	0
1	1041	0
2	953	263
3	757	449
4	518	568

No	X (cm)	Y (cm)
5	262	634
6	0	655
7	2241	0
8	2126	588
9	1821	1081

No	X (cm)	Y (cm)
10	1350	1481
11	725	1755
12	0	1855
13	2633	0
14	2489	688

No	X (cm)	Y (cm)
15	2115	1255
16	1552	1703
17	826	2001
18	0	2108

NOTES

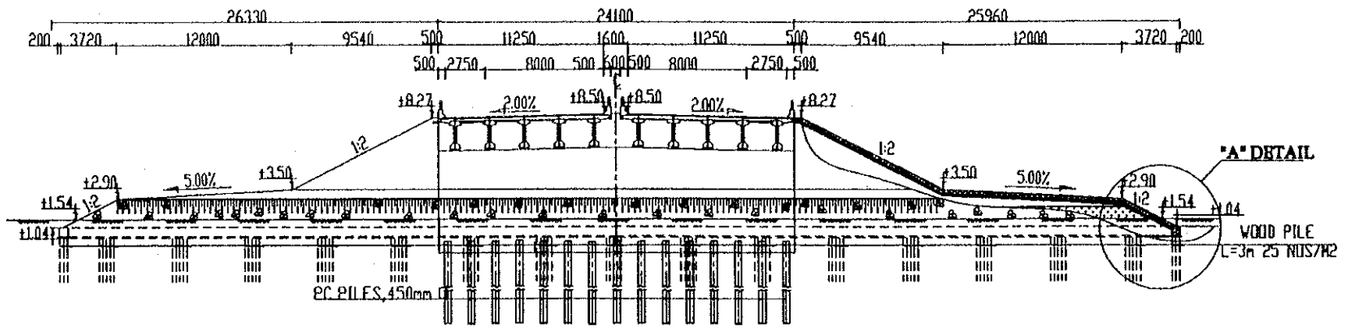
FOR STANDARD STRUCTURAL NOTES SEE DRAWING No.P3/BS7/0030

PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM		PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	NIPPON KOEI CO.,LTD.	NAME	T. Kametani	K.Matsumoto	K. Enomoto	CAI RANG BRIDGE ABUTMENTS ABUTMENT A1-EARTHWORKS SLOPE PROTECTION	P3/BS7/0060
				SIGNATURE					
				DATE	20/9/2000	29/9/2000	5/10/2000		

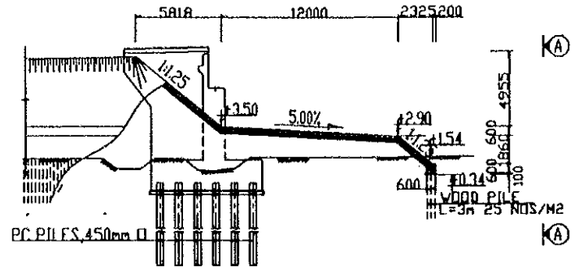
EARTHWORKS SLOPE PROTECTION

(SCALE 1:375)

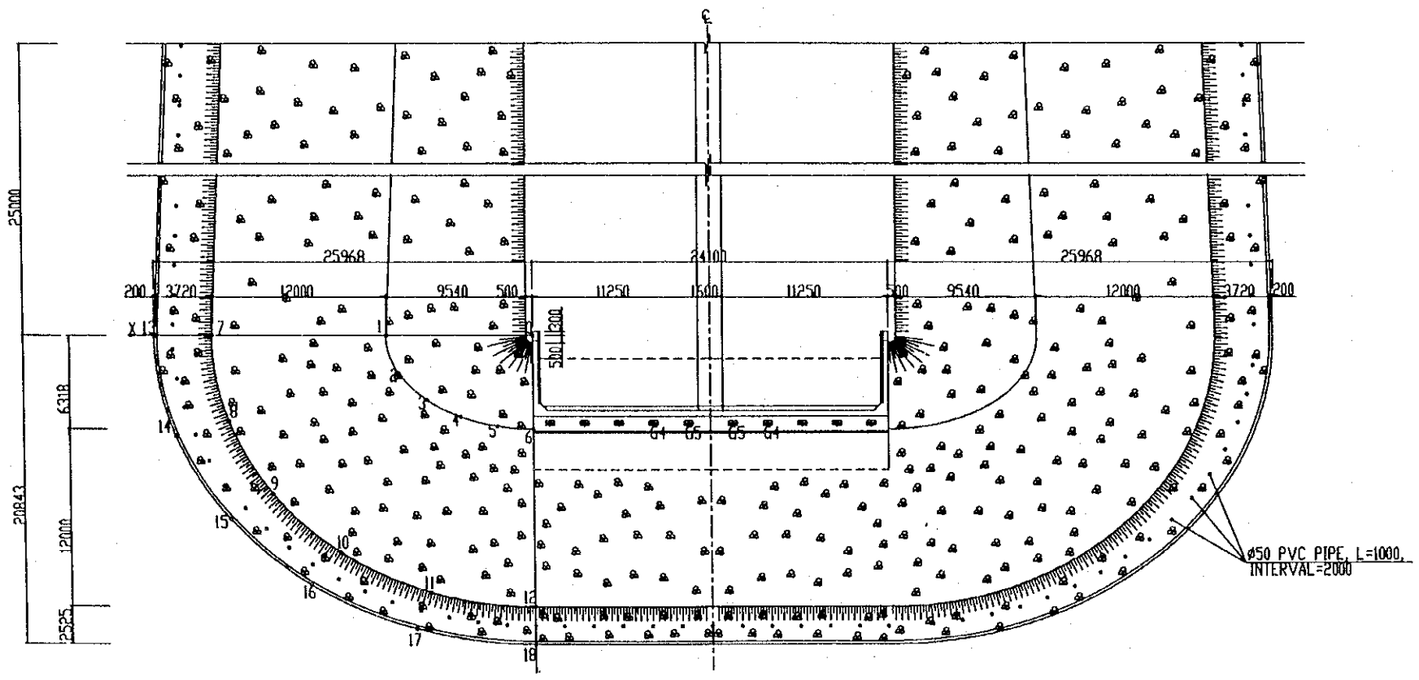
A-A (ABUTMENT A2)



SIDE ELEVATION



PLAN



"A" DETAIL

(SCALE 1:150)

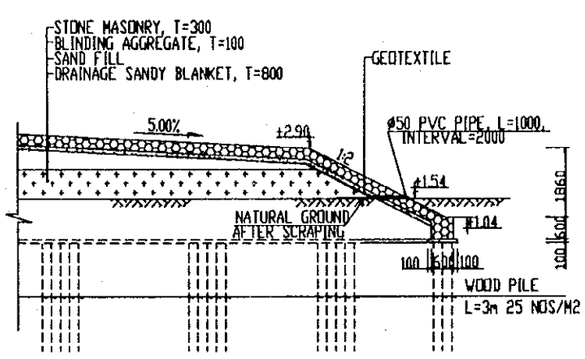


TABLE OF COORDINATES

No	X (cm)	Y (cm)
0	0	0
1	1004	0
2	919	254
3	731	433
4	499	548

No	X (cm)	Y (cm)
5	252	612
6	0	632
7	2204	0
8	2091	578
9	1794	1064

No	X (cm)	Y (cm)
10	1331	1460
11	715	1733
12	0	1832
13	2596	0
14	2455	678

No	X (cm)	Y (cm)
15	2088	1239
16	1533	1682
17	817	1979
18	0	2084

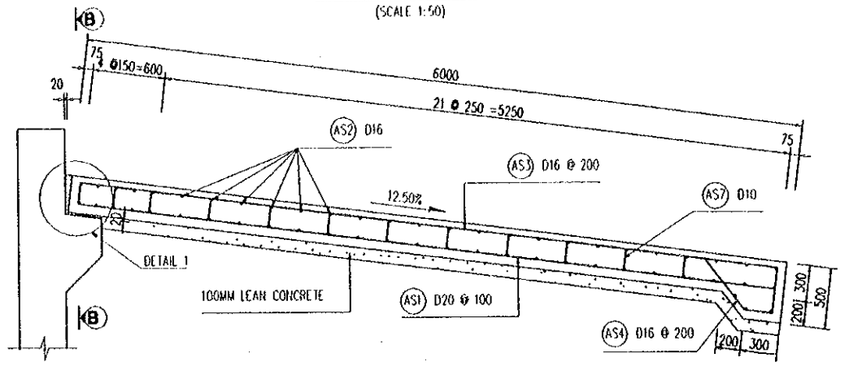
NOTES

FOR STANDARD STRUCTURAL NOTES SEE DRAWING No.P3/BR7/0930

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 RANG BRIDGE ABUTMENTS ABUTMENT A2-EARTHWORKS SLOPE PROTECTION	P3/BR7/0870
				SIGNATURE					
				DATE	20/9/2000	29/9/2000	5/10/2000		

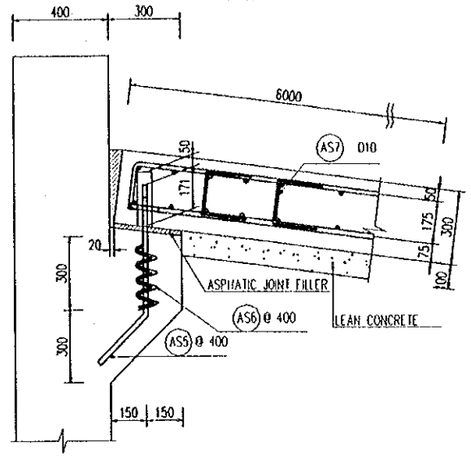
SECTION A - A

(SCALE 1:50)



DETAIL 1

SCALE 1:25



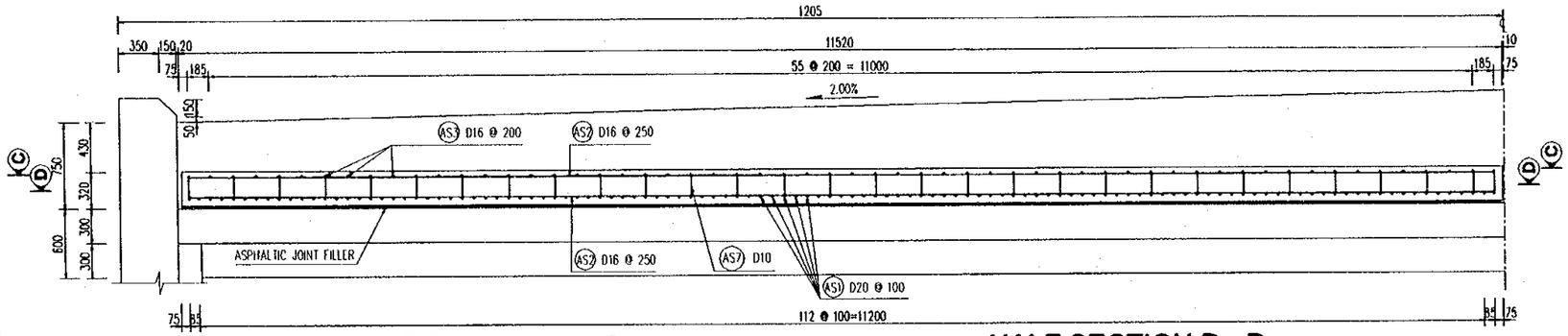
LIST OF REINFORCEMENT

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

D10	256.8 kg
D16	3402.3 kg
D20	3421.6 kg
TOTAL :	7079.7 kg
CONCRETE :	43.24 m3
LEAN CONCRETE :	13.3 m3
ASPHALTIC JOINT FILLER :	0.41 m3

HALF SECTION B - B

(SCALE 1:50)

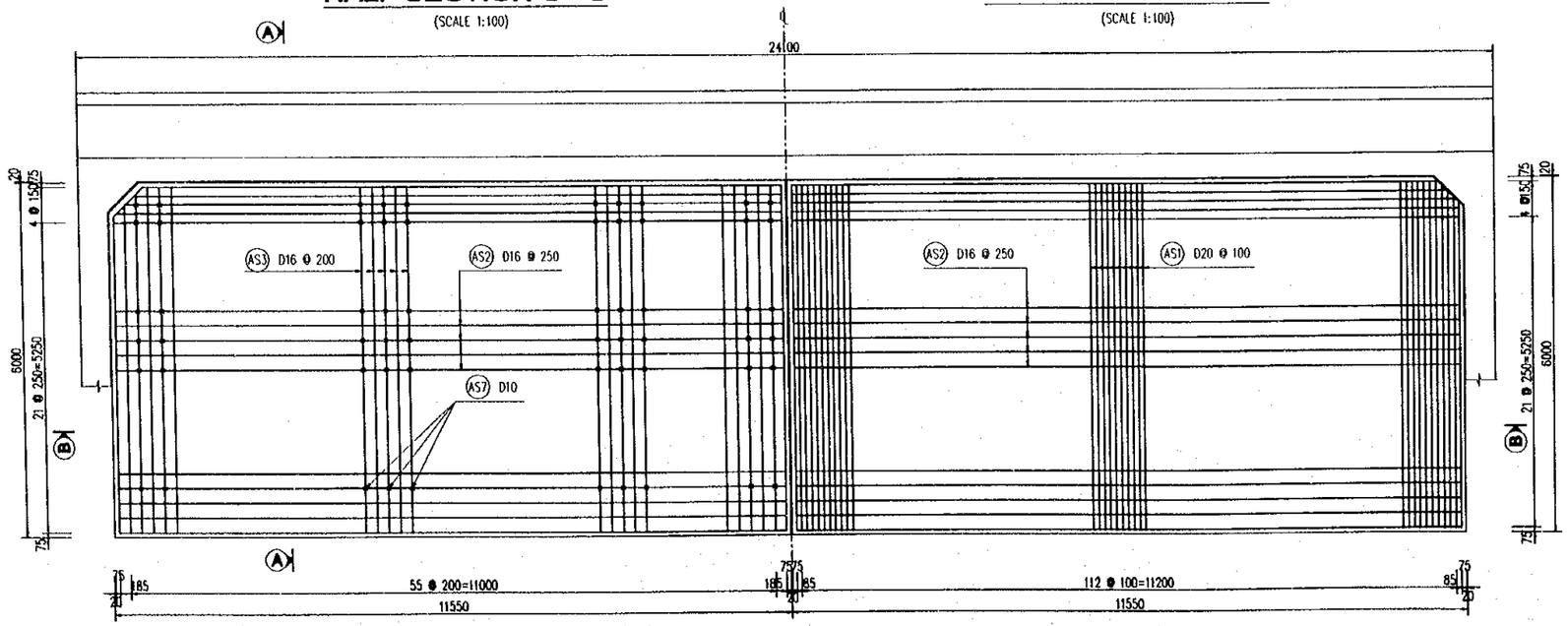


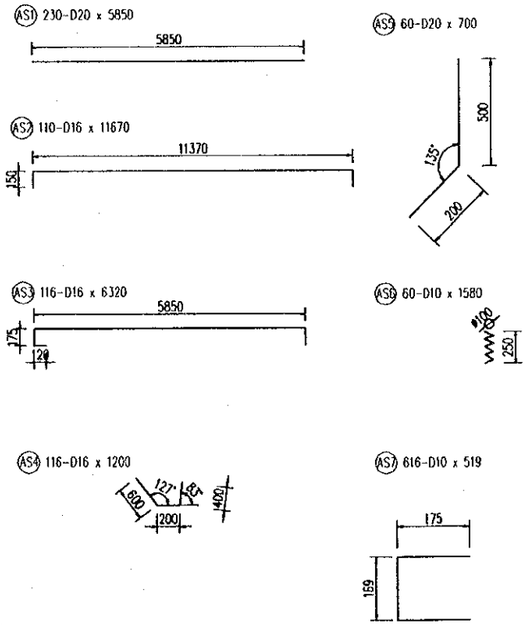
HALF SECTION C - C

(SCALE 1:100)

HALF SECTION D - D

(SCALE 1:100)





NOTES:

FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO P3\BR7\0030

PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM		PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	NIPPON KOEI CO.,LTD.	NAME	T. Kametani	K.Matsumoto	K. Enomoto	CAI RANG BRIDGE ABUTMENTS DETAILS OF APPROACH SLAB	P3\BR70880
				SIGNATURE					
				DATE	20/9/2000	29/9/2000	5/10/2000		

QUANTITY TABLE OF ABUTMENTS

ITEMS			UNIT	ABUTMENT A1	ABUTMENT A2	TOTAL
A- ABUTMENT						
PILE	NUMBER OF PILES		PILE	90.0	90.0	90.0
	TOTAL LENGTH OF BORED PILES ø1500mm		m	3600.0	3600.0	7200.0
	CONCRETE CLASS D		m3	732.0	732.0	1463.9
	REINFORCEMENT	D32	kg	459.0	459.0	918.0
		D28	kg			
		D25	kg	46548.0	46548.0	93096.0
		D22	kg	68256.0	68256.0	136512.0
		D16	kg	5985.0	5985.0	11970.0
		ø 6	kg	16551.0	16551.0	33102.0
		TOTAL	kg	137799.0	137799.0	275598.0
ABUTMENT	CONCRETE CLASS E		m3	597.1	597.1	1194.2
	REINFORCEMENT	D25	kg	12973.0	12973.0	25946.0
		D22	kg	4913.0	4913.0	9826.0
		D20	kg	5793.0	5793.0	11586.0
		D18	kg	711.0	711.0	1422.0
		D16	kg	4516.0	4516.0	9032.0
		D14	kg	2978.0	2978.0	5956.0
		D10	kg	126.0	126.0	252.0
		TOTAL	kg	32010.0	32010.0	64020.0
	FORM		m2	623.4	623.4	1246.8
	SCAFFOLDING	H <= 4 m	m2	142.4	142.4	284.8
		4m < H < 30m	m2	562.2	562.2	1124.4
	SUPPORT		m3	12.3	12.3	24.6
	LEAN CONCRETE CLASS G		m3	16.6	16.6	33.2
	BLINDING STONE		m3	33.2	33.2	66.4
	EXCAVATION		m3	1724.3	1500.4	3224.7
	BACK FILL		m3	227.3	109.5	336.8
B- APPROACH SLAB						
	CONCRETE CLASS E		m3	43.2	43.2	86.5
	LEAN CONCRETE CLASS G		m3	13.3	13.3	26.6
	FORM		m2	24.2	24.2	48.3
	ASPHALTIC JOINT FILLER T=20mm		m3	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		m3	830.6	816.6	1647.2
	BLINDING AGGREGATE T=100mm		m3	273.2	268.2	541.4
	GEOTEXTILE		m2	664.0	660.0	1324.0
	PVC PILE ø50mm DIA., L=1000mm		m	74.0	74.0	148.0
FOOTING	WOODEN PILE LENGTH L=3m		m	8886.0	8831.0	17717.0
	BLINDING		m3	11.8	11.8	23.6
	STONE MASONRY		m3	53.3	53.0	106.3
	EXCAVATION		m3	639.8	636.0	1275.8
	BACK FILL		m3	444.0	442.0	886.0
	LENTH OF FOOTING		m	148.1	147.2	295.3

NOTES

1. FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO P3/BR7/0030.

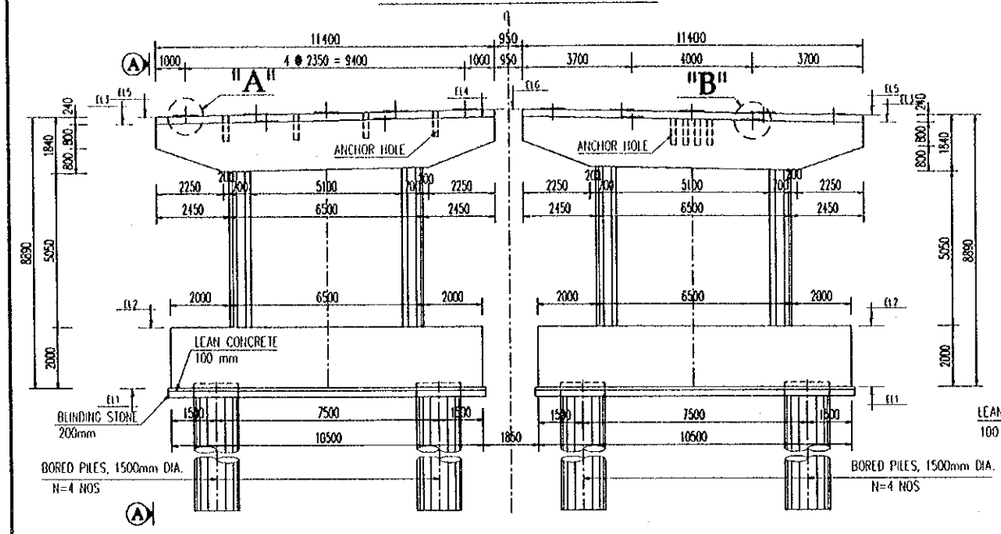
PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM		PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	NIPPON KOEI CO.,LTD.	NAME	T. Kametani	K.Matsumoto	K. Enomoto	CAI RANG BRIDGE ABUTMENTS QUANTITY TABLE OF ABUTMENT	P3/BR7/0890
				SIGNATURE					
				DATE	20/9/2000	29/9/2000	5/10/2000		

V. PIERS

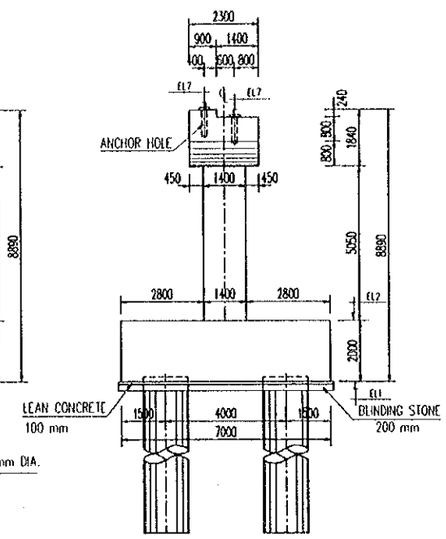
DETAILS OF PIERS P1 & P4

(SCALE 1:200)

PIERS ELEVATION

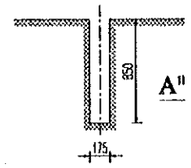


A - A



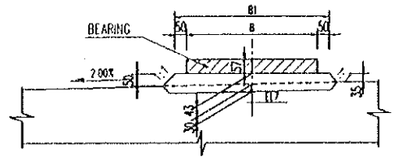
DETAIL OF ANCHOR HOLE

SCALE 1:50

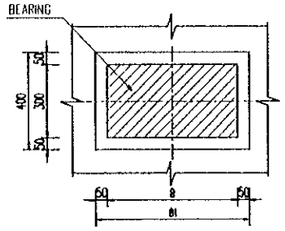


DETAIL "A"

SCALE 1:25



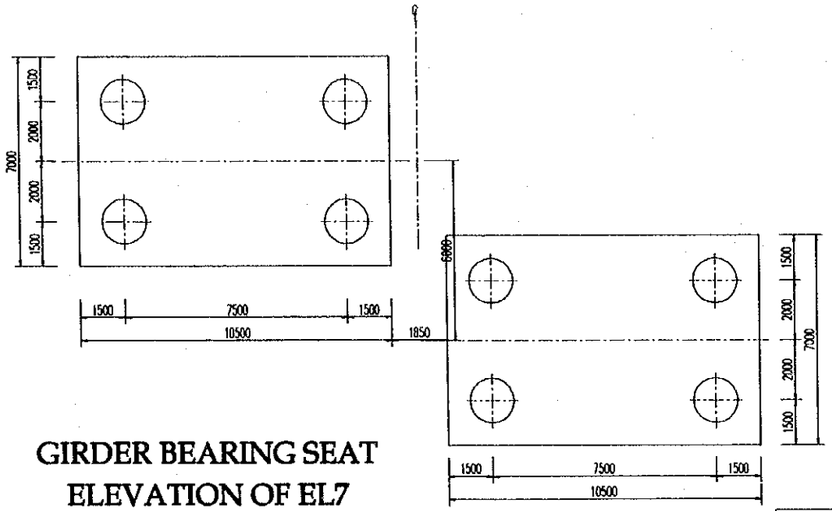
PLAN



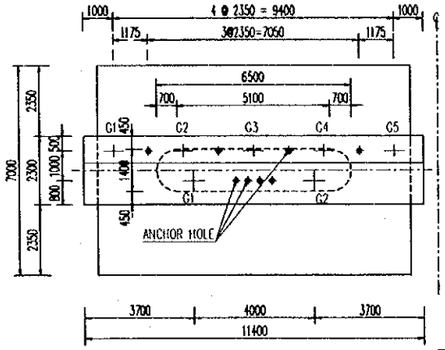
DIMENSIONS OF DETAIL "A"

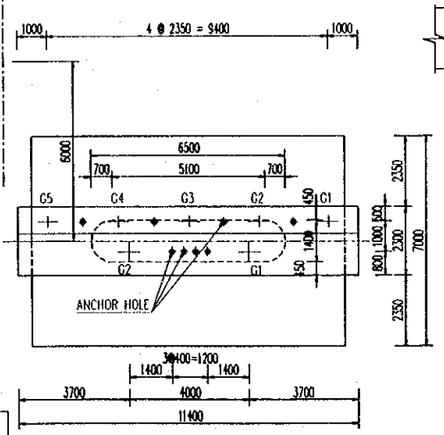
DIMENSIONS (mm) / BEARING	B1	B
FOR GIRDER " I ", L=37m	700	600
FOR GIRDER " I ", L=31m	650	550

PILE CAP - PLAN



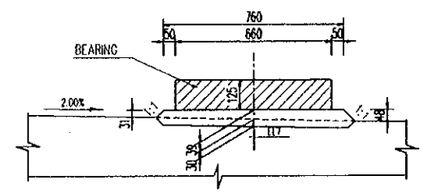
GIRDER BEARING SEAT - PLAN



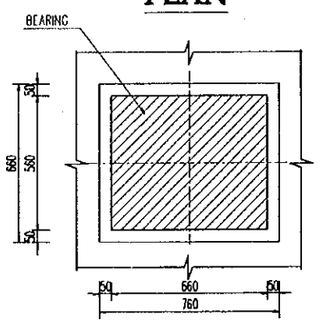


DETAIL "B"

SCALE 1:25



PLAN



GIRDER BEARING SEAT ELEVATION OF EL7

PIER TYPE / GROUT PAD		G1	G2	G3	G4	G5
P1 (W)	N	+6.993	+7.040	+7.087	+7.134	+7.180
	S	+6.807	+6.887			
P1 (E)	N	+7.111	+7.158	+7.205	+7.252	+7.298
	S	+6.925	+7.005			
P4 (W)	N	+6.916	+6.996			
	S	+7.102	+7.149	+7.196	+7.243	+7.289
P4 (E)	N	+6.825	+6.905			
	S	+7.011	+7.058	+7.105	+7.152	+7.198

TABLE OF ELEVATION

ELEVATIONS / DIMENTIONS	PIER TYPE P1 W	P1 E	P4 W	P4 E
ELEVATION EL1 (M)	-1.92	-1.80	-1.81	-1.90
ELEVATION EL2 (M)	+0.08	+0.20	+0.19	+0.10
ELEVATION EL3 (M)	+6.73	+6.85	+6.84	+6.75
ELEVATION EL4 (M)	+6.96	+7.08	+7.07	+6.98
ELEVATION EL5 (M)	+6.97	+7.09	+7.08	+6.99
ELEVATION EL6 (M)	+7.20	+7.32	+7.31	+7.22
NUMBER OF PILE LENGHT (M)	6 * 59	6 * 59	6 * 59	6 * 59

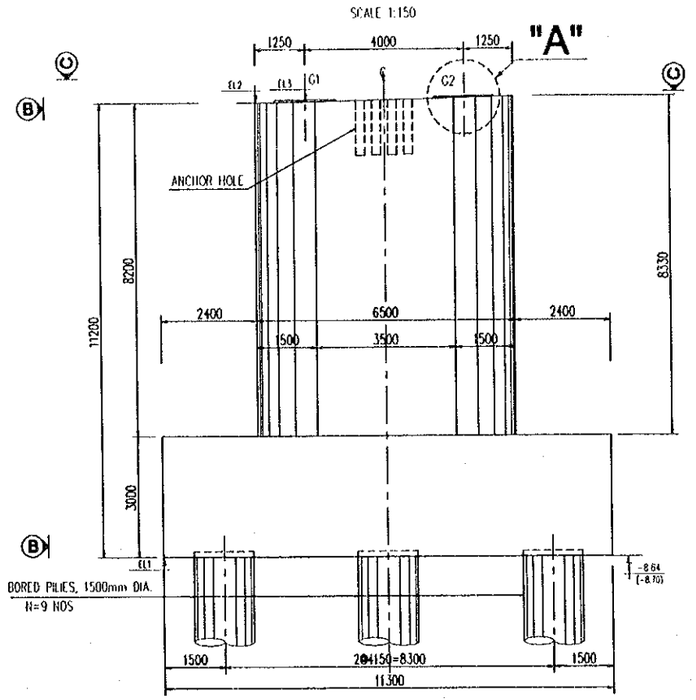
NOTES

1. FOR STANDARD STRUCTURAL NOTES SEE DRAWING No. P3/BR7/0030.

PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM		PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	NIPPON KOEI CO.,LTD.	NAME	T. Kametani	K.Matsumoto	K. Enomoto	CAI RANG BRIDGE PIERS PIERS P1 & P4 - GENERAL VIEW	P3/BR7/0900
				SIGNATURE					
				DATE	20/9/2000	29/9/2000	5/10/2000		

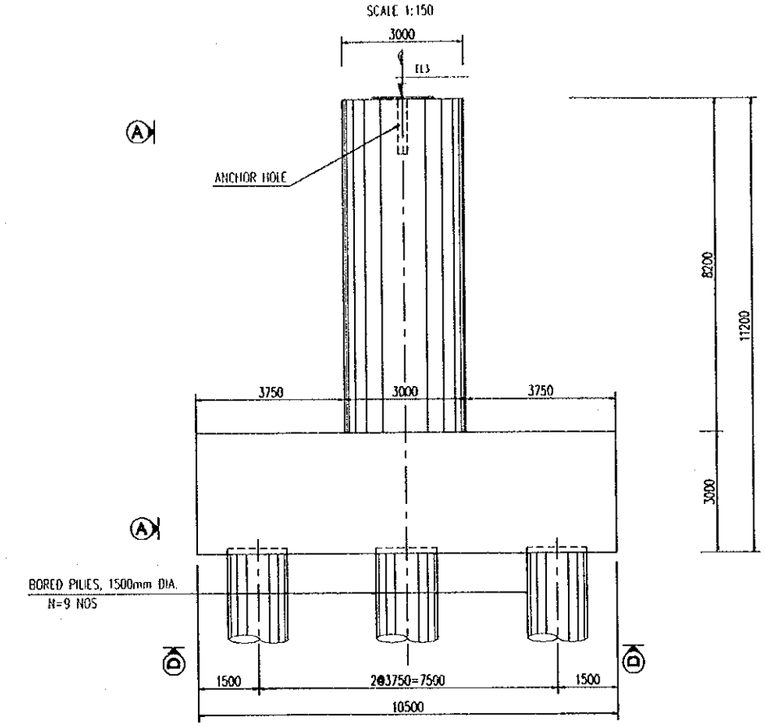
SECTION A-A

SCALE 1:150



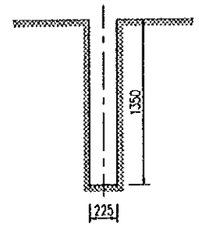
SECTION B-B

SCALE 1:150



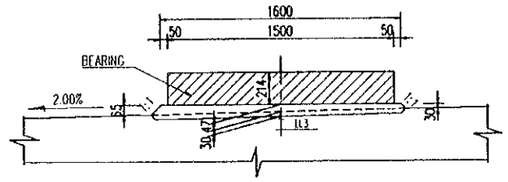
DETAIL OF ANCHOR HOLE

SCALE 1:50

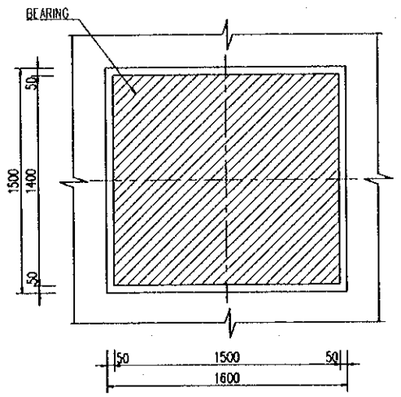


DETAIL "A"

SCALE 1:40

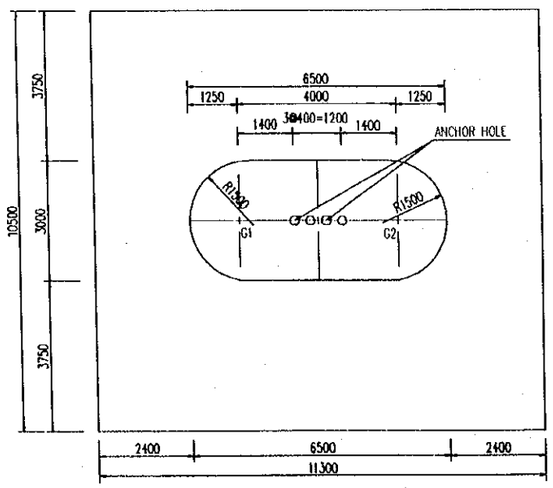


PLAN



SECTION C-C

SCALE 1:150



PLAN OF PILES
SECTION D-D

SCALE 1:150

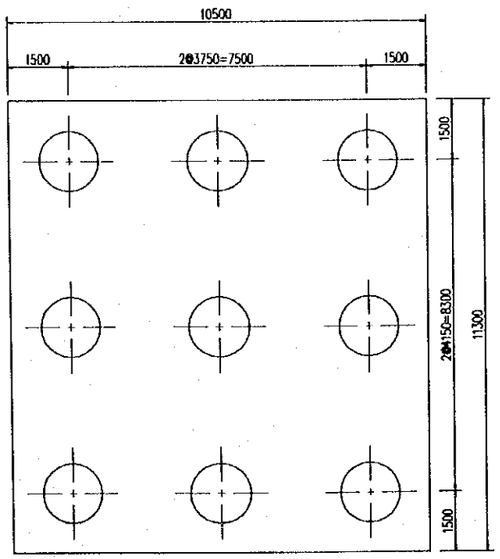


TABLE OF ELEVATION

DIRECTION	PIERS	EL1	EL2	EL3	
				G1	G2
HO CHI MINH CITY-CA MAU	P2	-6.09	+5.11	+5.16	+5.24
	P3	-6.05	+5.15	+5.20	+5.28
CA MAU-HO CHI MINH CITY	P2	-6.03	+5.17	+5.22	+5.30
	P3	-6.11	+5.09	+5.14	+5.22

NOTES:

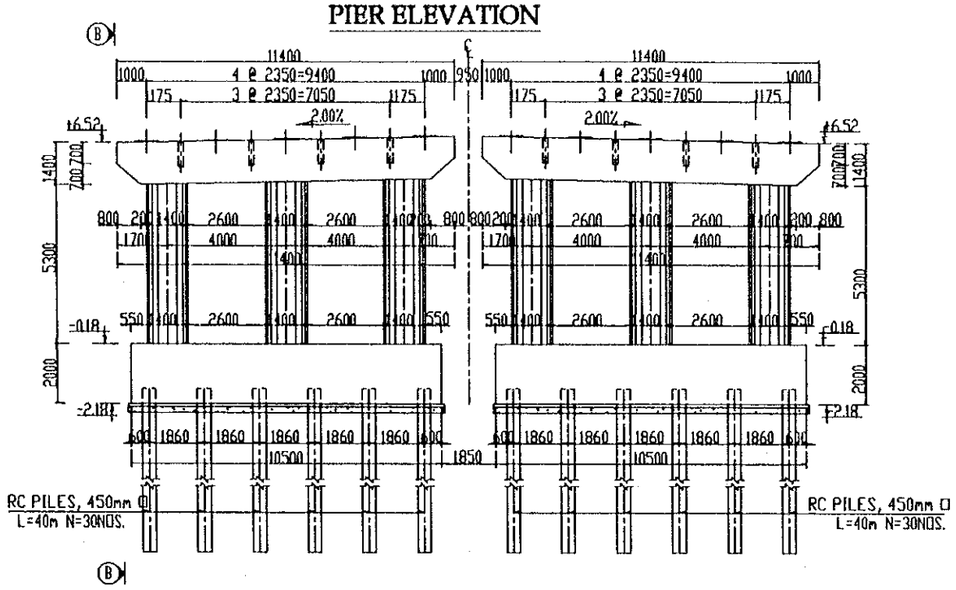
1.FOR STANDARD STRUCTURAL NOTES SEE DRAWING No. P3/BR7/0030

PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM		PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	NIPPON KOEI CO.,LTD.	NAME	T. Kametani	K.Matsumoto	K. Enomoto	CAI RANG BRIDGE PIERS PIER P2&P3-GENERAL VIEW	P3/BR7/0910
				SIGNATURE					
				DATE	20/9/2000	29/9/2000	5/10/2000		

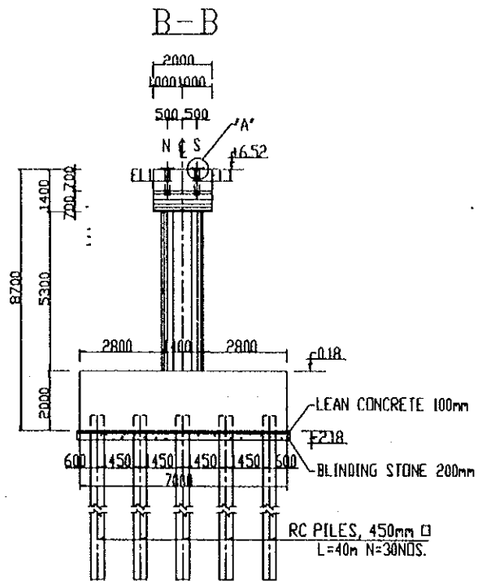
DETAILS OF PIER P5

SCALE 1:200

PIER ELEVATION

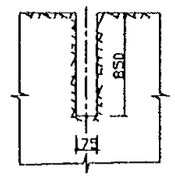


B-B



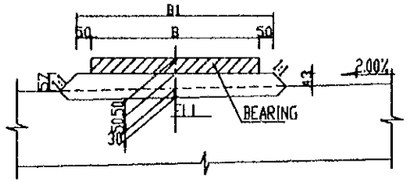
DETAIL OF ANCHOR HOLE

SCALE 1:50

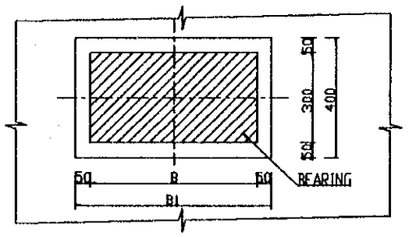


DETAIL "A"

SCALE 1:20



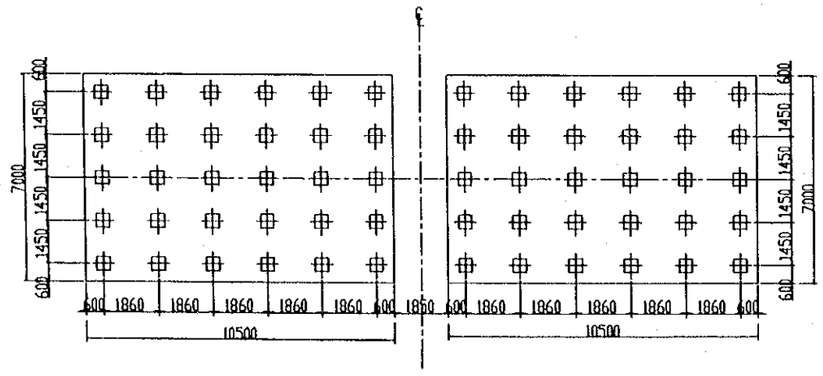
PLAN



DIMENSIONS OF DETAIL 'A'

BEARING \ DIMENSIONS (mm)	B1	B
FOR GIRDER T 1, L=37m	700	600
FOR GIRDER T 1, L=31m	650	550

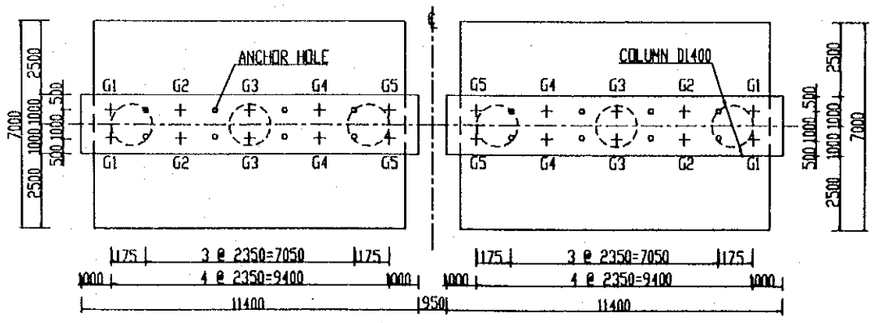
PILE CAP-PLAN



GIRDER BEARING SEAT ELEVATION OF EL1

PIRE TYPE \ GROUT PAD		G1	G2	G3	G4	G5
P5	N	6.537	6.584	6.631	6.678	6.724
	S	6.537	6.584	6.631	6.678	6.724

GIRDER BEARING SEAT-PLAN



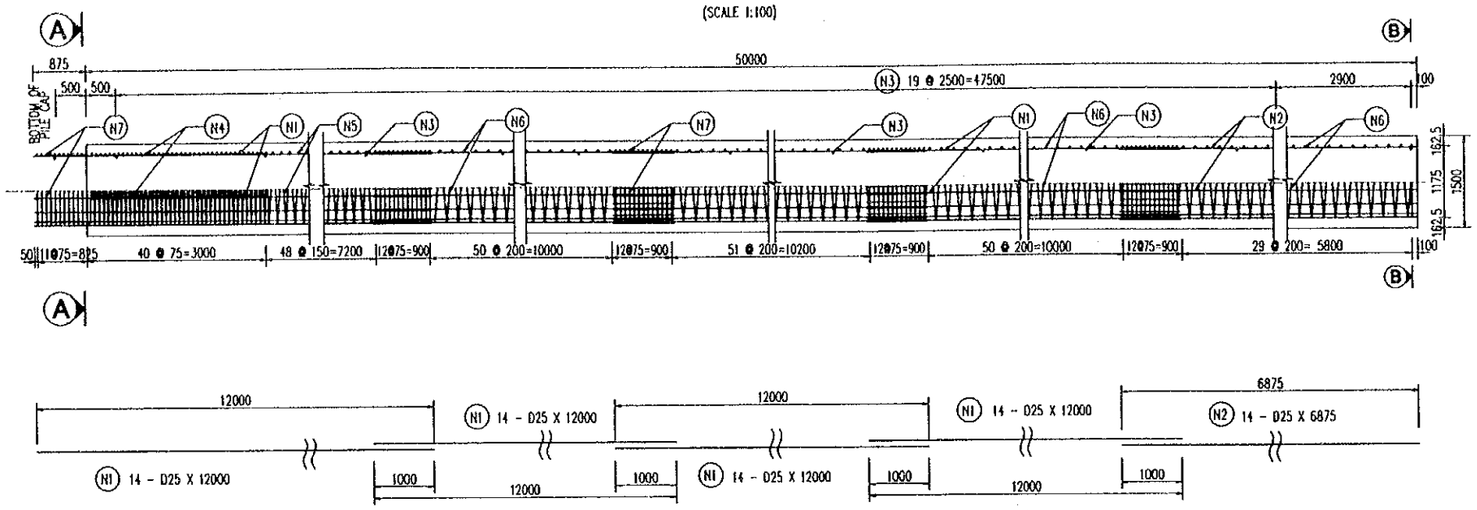
NOTES

1.FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO. P3/BR7/0030

PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM		PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	NIPPON KOEI CO.,LTD.	NAME	T. Kametani	K.Matsumoto	K. Enomoto	CAI RANG BRIDGE PIERS PIER P5-GENERAL VIEW	P3/BR7/0920
				SIGNATURE					
				DATE	20/9/2000	29/9/2000	5/10/2000		

BORED CAST IN-SITU PILE DETAILS FOR PIER P1

(SCALE 1:100)



SECTION A-A

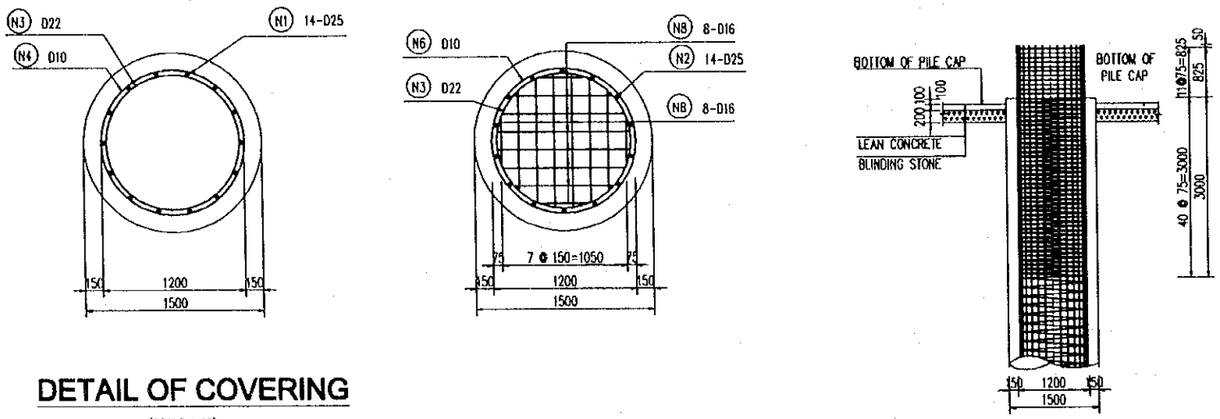
(SCALE 1:50)

SECTION B-B

(SCALE 1:50)

DETAIL OF CONCRETE PILE HEAD

(SCALE 1:100)

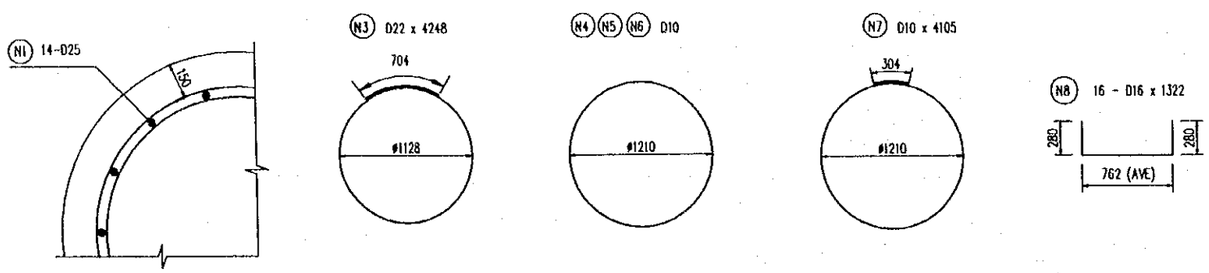


MATERIAL OF PILE

TYPE	D(mm)	LENGTH OF BAR (mm)	UNIT WEIGHT (kg/m)	NUMBER	WEIGHT (kg)	CONCRETE VOLUMN (m3)
N1	D25	12000	3.853	56	2589.2	
N2	D25	6875	3.853	14	370.9	
N3	D22	4248	2.984	22	278.9	
N4	D10	152053	0.617	1	93.8	
N5	D10	182464	0.617	1	112.6	
N6	D10	688040	0.617	1	424.5	
N7	D10	4105	0.617	64	162.1	
N8	D16	1322	1.578	16	33.4	
	D10	793.0 kg				
	D16	33.4 kg				
	D22	278.9 kg				
	D25	2960.1 kg				
	TOTAL	4065.4 kg				88.36

DETAIL OF COVERING

(SCALE 1:25)



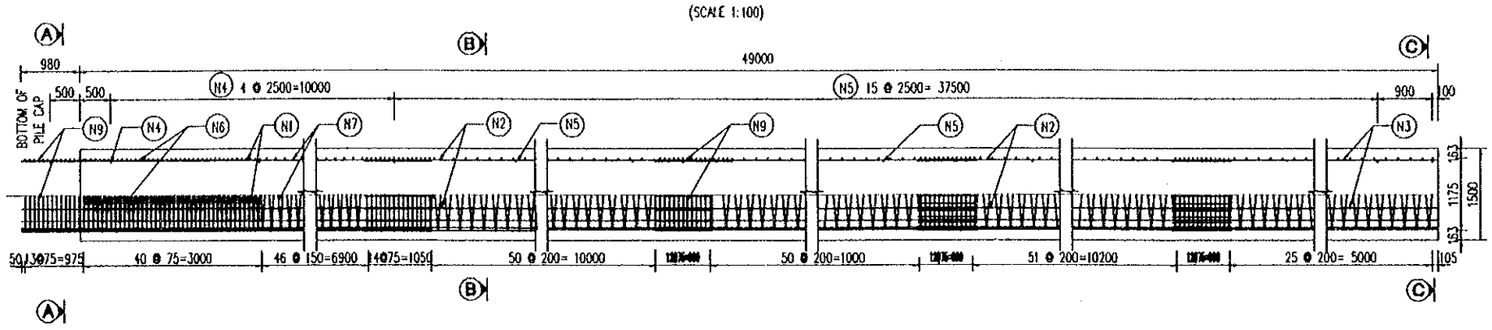
NOTES

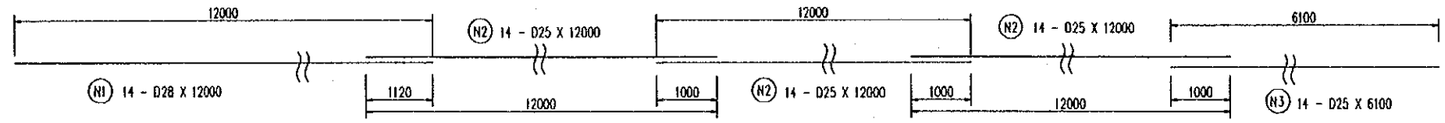
FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO P3/BR7/0030.

PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM		PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	NIPPON KOEI CO.,LTD.	NAME	T. Kametani	K.Matsumoto	K. Enomoto	CAI RANG BRIDGE PIER P1 BORED PILE DETAILS - L= 50m.	P3/BR7/0930
				SIGNATURE					
				DATE	20/9/2000	29/9/2000	5/10/2000		

BORED CAST IN-SITU PILE DETAILS FOR PIERS P2&P3

(SCALE 1:100)





SECTION A-A

(SCALE 1:50)

SECTION B-B

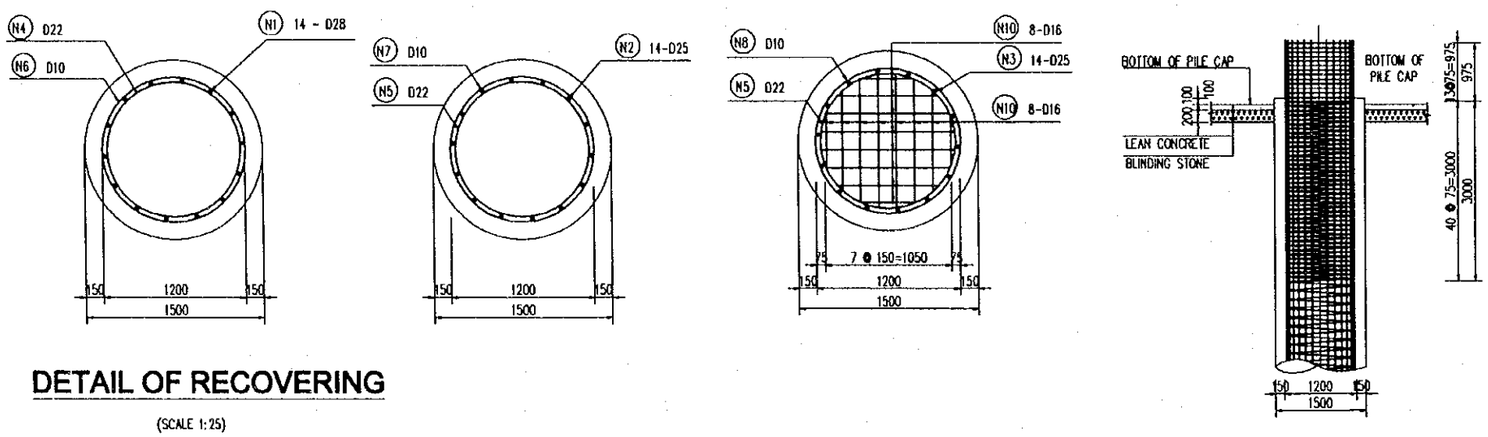
(SCALE 1:50)

SECTION C-C

(SCALE 1:50)

DETAIL OF CONCRETE PILE HEAD

(SCALE 1:100)

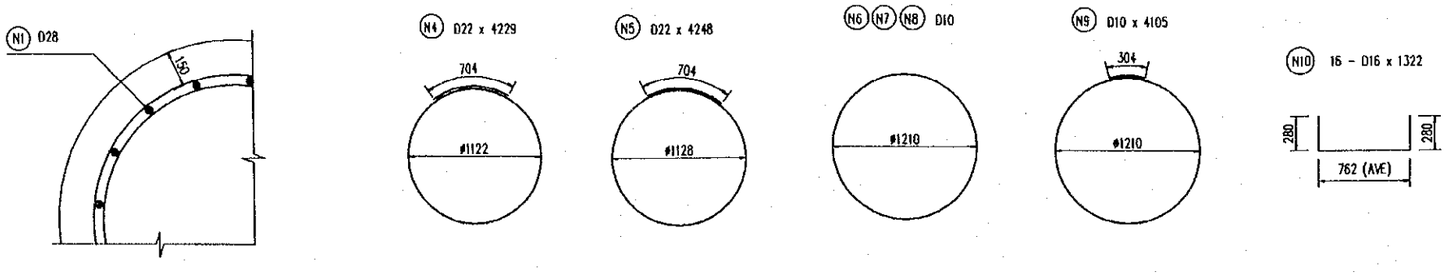


MATERIAL OF PILE

TYPE	D(mm)	LENGTH OF BAR (mm)	UNIT WEIGHT (kg/m)	NUMBER	WEIGHT (kg)	CONCRETE VOLUMN (m3)
N1	D28	12000	4.834	14	812.1	
N2	D25	12000	3.853	42	1941.9	
N3	D25	6100	3.853	14	329.0	
N4	D22	4229	2.984	6	75.7	
N5	D22	4248	2.984	16	202.8	
N6	D10	152053	0.617	1	93.8	
N7	D10	174861	0.617	1	107.9	
N8	D10	672835	0.617	1	415.1	
N9	D10	4105	0.617	68	172.2	
N10	D16	1242	1.578	16	31.4	
	D10	789.0 kg				
	D16	31.4 kg				
	D22	278.5 kg				
	D25	2270.9 kg				
	D28	812.1 kg				86.59
	TOTAL	4181.9 kg				

DETAIL OF RECOVERING

(SCALE 1:25)



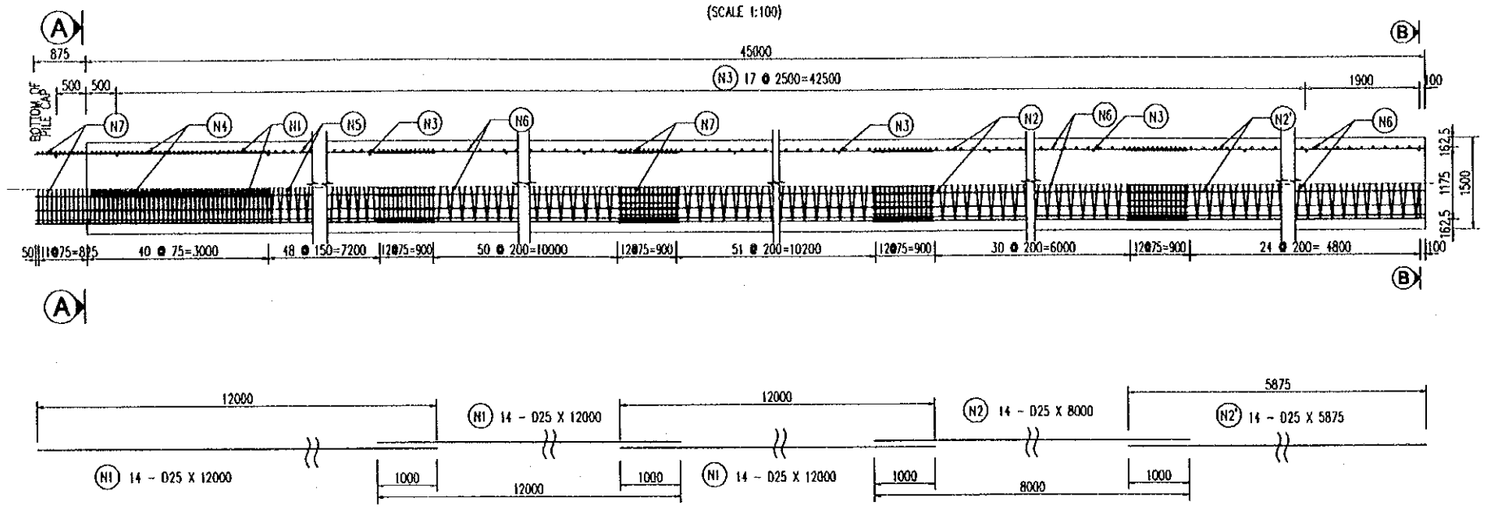
NOTES

- FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO P3/BR7/0030.

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. Kamctani	K.Matsumoto	K. Enomoto	CAI RANG BRIDGE PIERS P2&P3 BORED PILE DETAILS - L= 49M	P3/BR7/940
				SIGNATURE					
				DATE	20/9/2000	29/9/2000	5/10/2000		

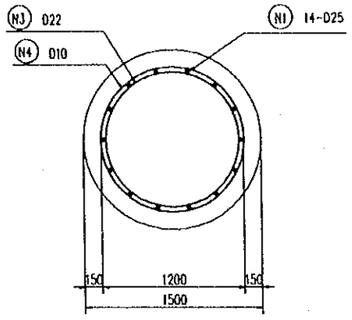
BORED CAST IN-SITU PILE DETAILS FOR PIER P4

(SCALE 1:100)



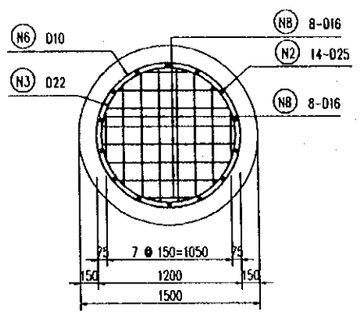
SECTION A-A

(SCALE 1:50)



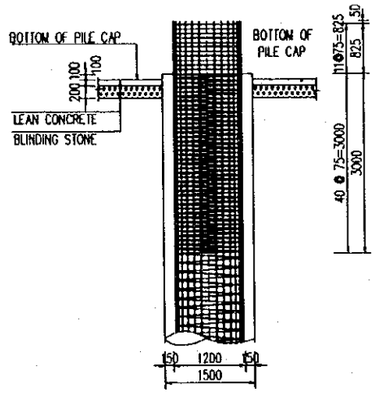
SECTION B-B

(SCALE 1:50)



DETAIL OF CONCRETE PILE HEAD

(SCALE 1:100)

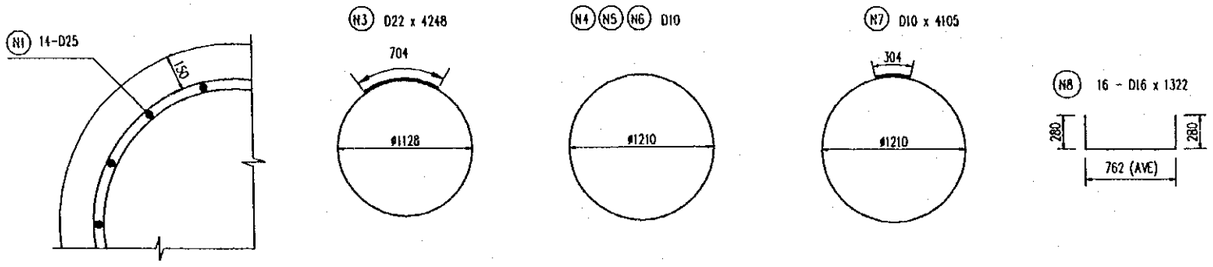


MATERIAL OF PILE

TYPE	D(mm)	LENGTH OF BAR (mm)	UNIT WEIGHT (kg/m)	NUMBER	WEIGHT (kg)	CONCRETE VOLUNN (m3)
N1	D25	12000	3.853	42	1941.9	
N2	D25	8000	3.853	14	431.5	
N2'	D25	5875	3.853	14	316.9	
N3	D22	4248	2.984	20	253.5	
N4	D10	152053	0.617	1	93.8	
N5	D10	182464	0.617	1	112.6	
N6	D10	593007	0.617	1	365.9	
N7	D10	4105	0.617	64	162.1	
N8	D16	1322	1.578	16	33.4	
	D10	734.4 kg				
	D16	33.4 kg				
	D22	253.5 kg				
	D25	2690.3 kg				
	TOTAL	3711.6 kg				79.52

DETAIL OF COVERING

(SCALE 1:25)



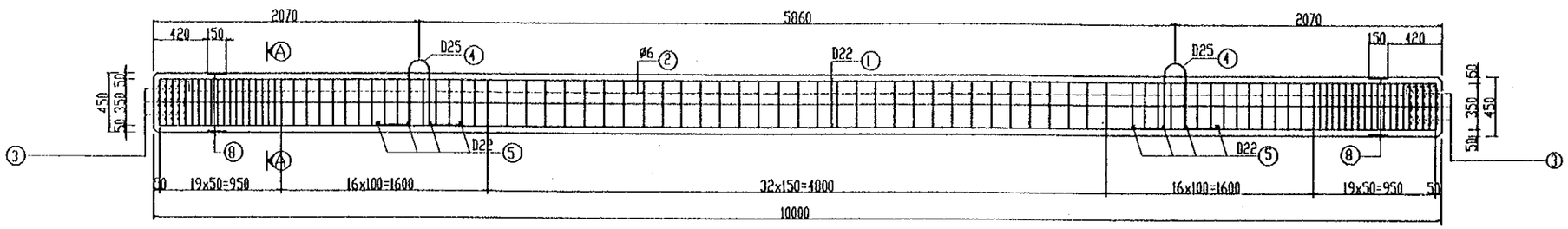
NOTES

FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO P3/BR7/0030.

PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM		PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	NIPPON KOEI CO.,LTD.	NAME	T. Kametani	K.Matsumoto	K. Enomoto	CAI RANG BRIDGE PIER P4 BORED PILE DETAILS - L= 45m.	P3/BR7/950
				SIGNATURE					
				DATE	20/9/2000	29/9/2000	5/10/2000		

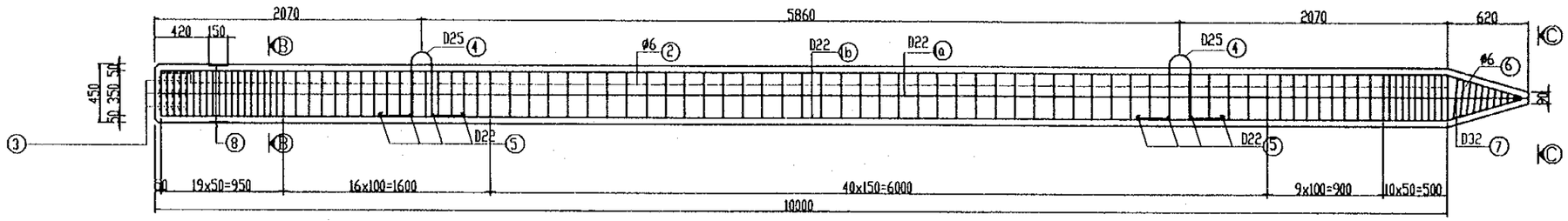
R.C.PILE-1 L=10M

SCALE 1:40



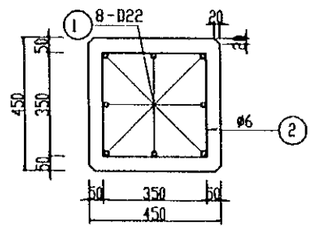
R.C.PILE-2 L=10M

SCALE 1:40



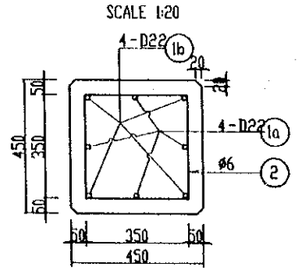
A-A

SCALE 1:20



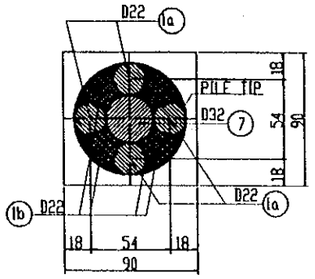
B-B

SCALE 1:20



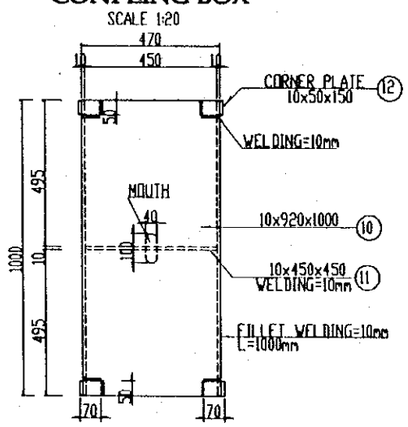
C-C

SCALE 1: 4



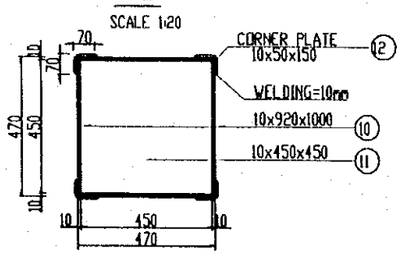
CONPLING BOX

SCALE 1:20



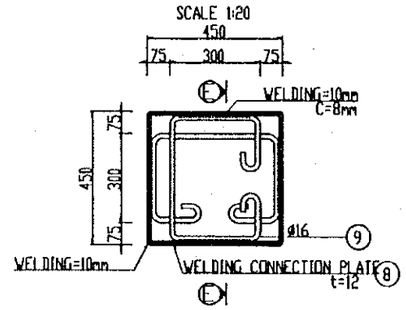
D-D

SCALE 1:20



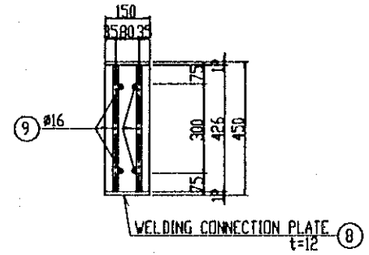
WELDING CONNECTION PLATE

SCALE 1:20



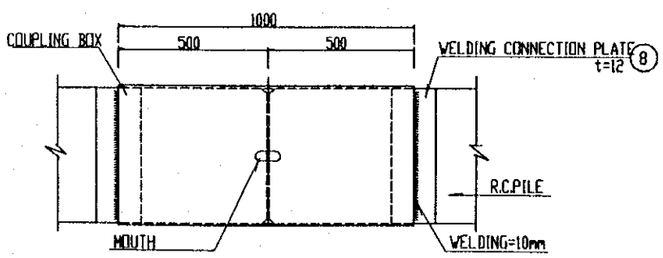
E-E

SCALE 1:20

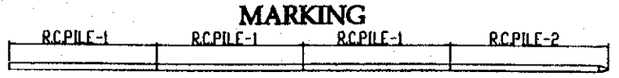


ELEVATION

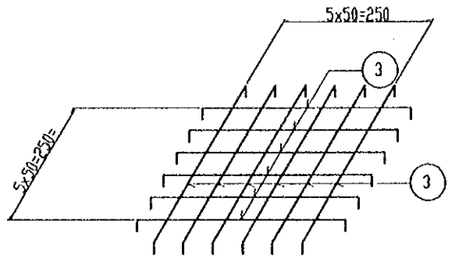
SCALE 1:20

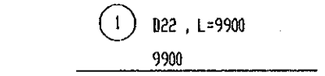


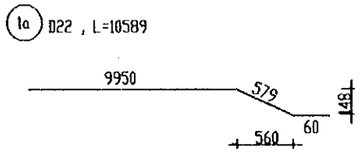
MARKING

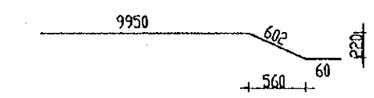


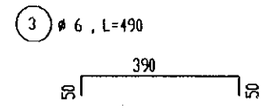
PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM		PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	NIPPON KOEI CO.,LTD.	NAME	T. Kametani	K.Matsumoto	K. Enomoto	CAI RANG BRIDGE PIERS PIERS P5-RC PILE□450-L=40.0m-SHEET 1	P3/BR7/0960
				SIGNATURE					
				DATE	20/9/2000	29/9/2000	5/10/2000		

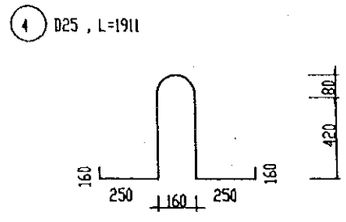


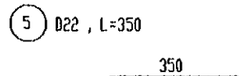


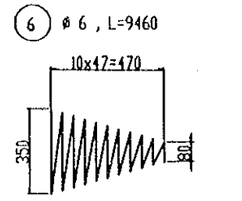


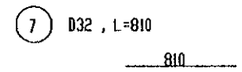


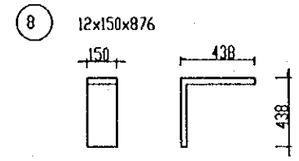


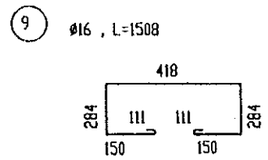


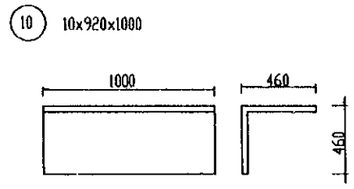


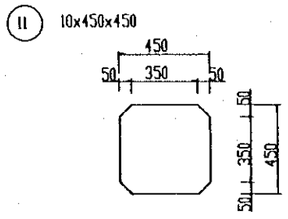


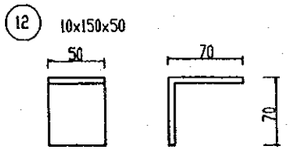












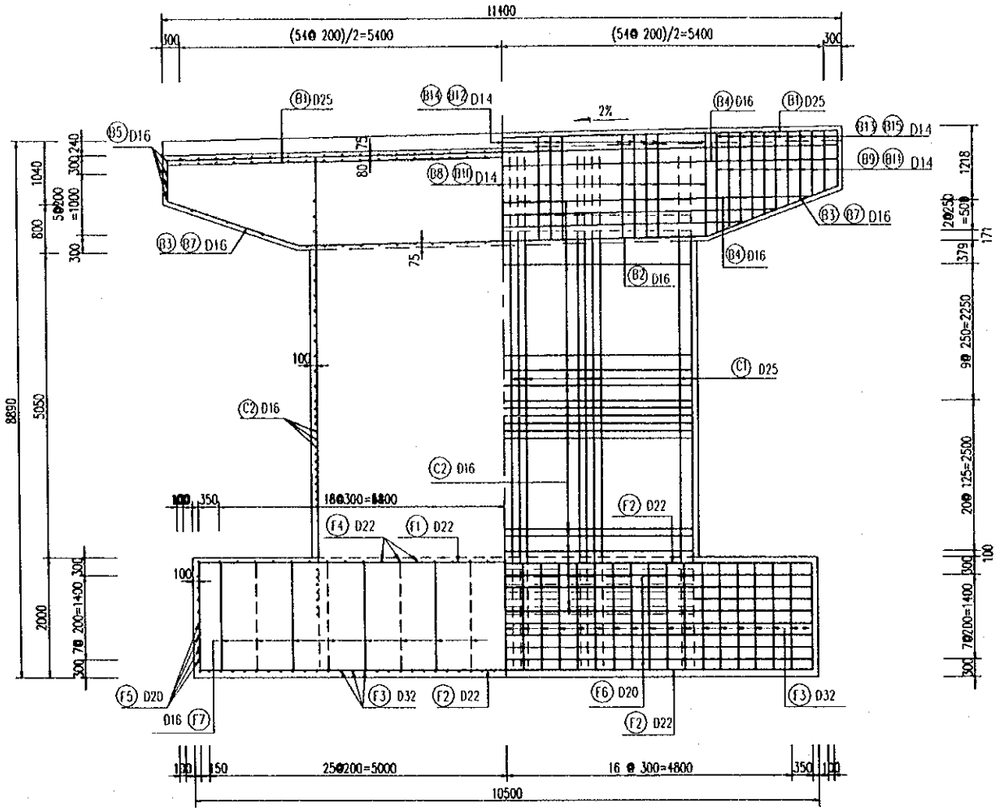
LIST OF REINFORCEMENT

	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	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		
	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	m3		
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	m3		
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	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 RANG BRIDGE PIERS PIERS P5-RC PILE□450-L=40.0m-SHEET 2	P3/B87/0970
				SIGNATURE					
				DATE	20/9/2000	29/9/2000	5/10/2000		

HALF SECTION A - A

SCALE 1:100

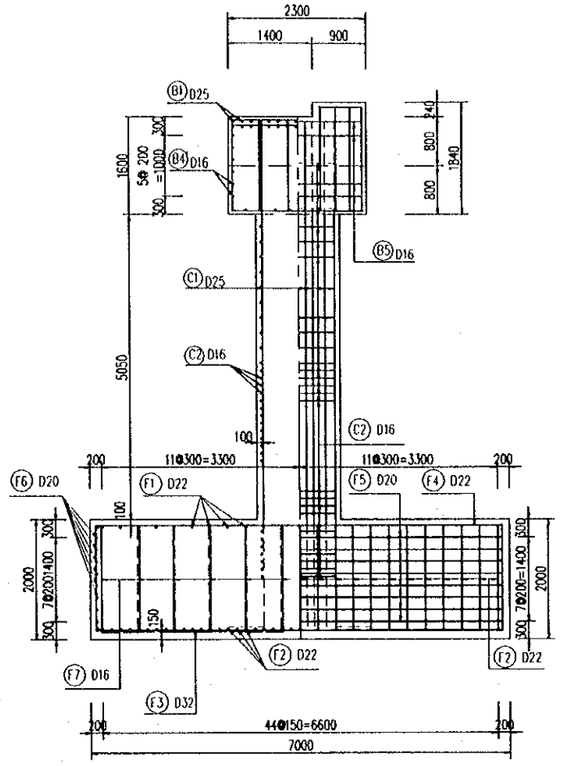


HALF SECTION B - B

SCALE 1:100

HALF SECTION C - C

SCALE 1:100

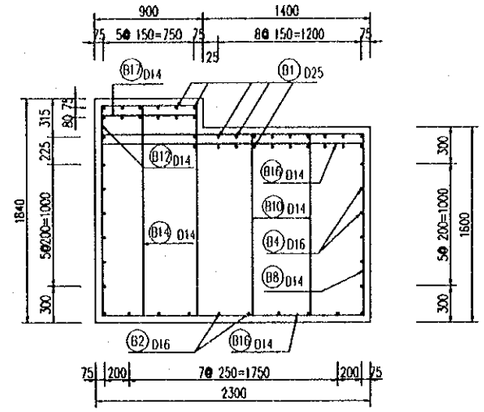


HALF SIDE VIEW

SCALE 1:100

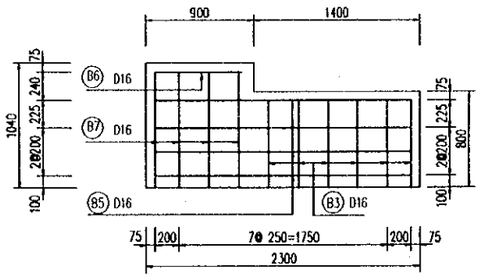
SECTION E - E

SCALE 1:50



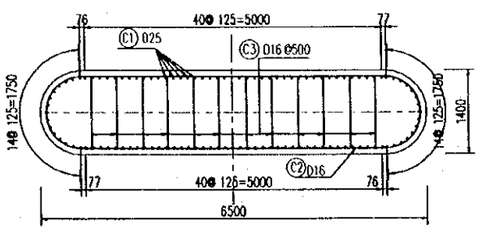
SECTION F - F

SCALE 1:50



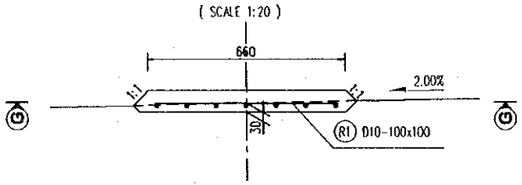
SECTION D - D

SCALE 1:100



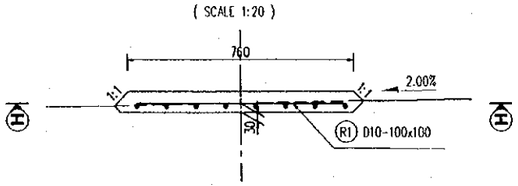
REINFORCING SHOES

(SCALE 1:20)



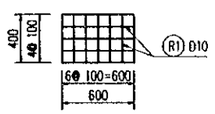
REINFORCING SHOES

(SCALE 1:20)



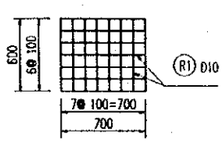
G - G

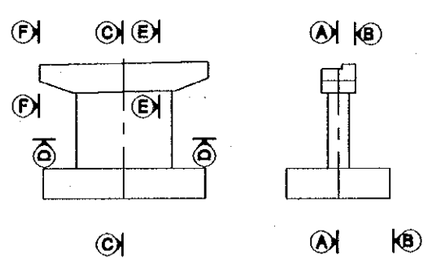
(SCALE 1:50)



H - H

(SCALE 1:50)

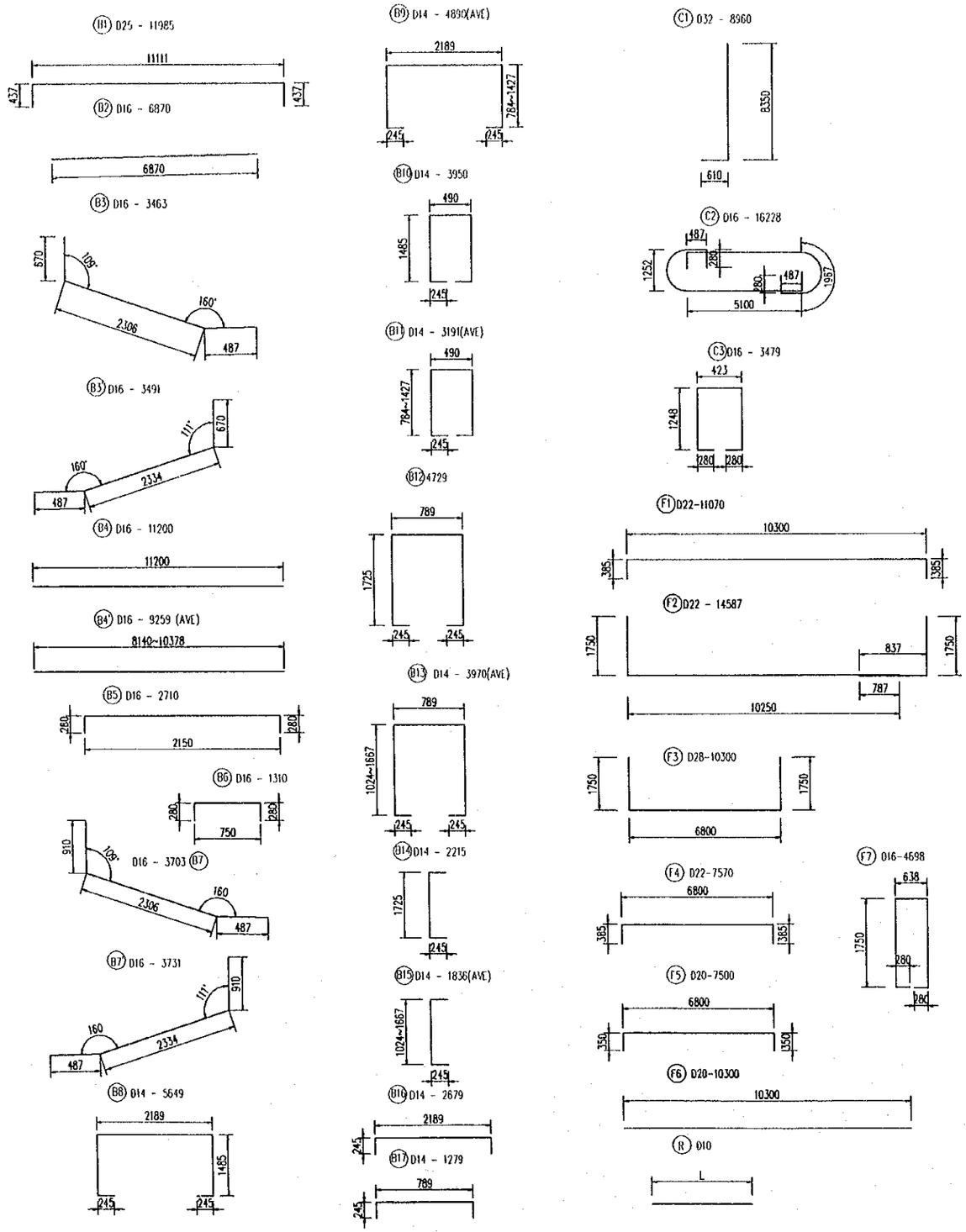




NOTES :

FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO. P3/BR7/0030

PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM		PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	NIPPON KOEI CO.,LTD.	NAME	T. Kametani	K.Matsumoto	K. Enomoto	CAI RANG BRIDGE PIERS PIER P1 & P4 - REINFORCEMENT - SHEET 1	P3/BR7/0980
				SIGNATURE					
				DATE	20/9/2000	29/9/2000	5/10/2000		



LIST OF REINFORCEMENT (P1-P4)

(FOR ONE DIRECTION)

No	DIAMETER (mm)	LENGTH (mm)	QUANTITY	UNIT WEIGHT (kg/m)	WEIGHT (kg)	REMARKS
R1	10	48400	1	0.617	29.9	
B1	25	11985	32	3.853	1477.7	
B2	16	6870	10	1.578	108.4	
B3	16	3463	6	1.578	32.8	
B3'	16	3491	6	1.578	33.1	
B4	16	11200	7	1.578	123.7	
B4'	16	9259	6	1.578	87.7	AVERAGE
B5	16	2710	8	1.578	34.2	
B6	16	1310	2	1.578	4.1	
B7	16	3703	4	1.578	23.4	
B7'	16	3731	4	1.578	23.6	
B8	14	5649	35	1.208	238.8	
B9	14	4890	20	1.208	118.1	AVERAGE
B10	14	3950	35	1.208	167.0	
B11	14	3191	20	1.208	77.1	AVERAGE
B12	14	4729	35	1.208	199.9	
B13	14	3970	20	1.208	95.9	AVERAGE
B14	14	2215	35	1.208	93.7	
B15	14	1836	20	1.208	44.4	AVERAGE
B16	14	2679	110	1.208	356.0	
B17	14	1279	55	1.208	85.0	
C1	25	9997	112	3.853	4314.1	
C2	16	16228	40	1.578	1024.3	
C3	16	3479	84	1.578	461.1	
F1	22	11070	25	2.984	825.8	
F2	22	14587	47	2.984	2045.8	
F3	32	10300	53	6.313	3446.3	
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	4698	94	1.578	696.9	

D10	29.9	(kg)
D14	1475.9	(kg)
D16	2653.2	(kg)
D20	702.3	(kg)
D22	3707.4	(kg)
D25	5791.8	(kg)
D32	3446.3	(kg)
TOTAL	17806.8	(kg)

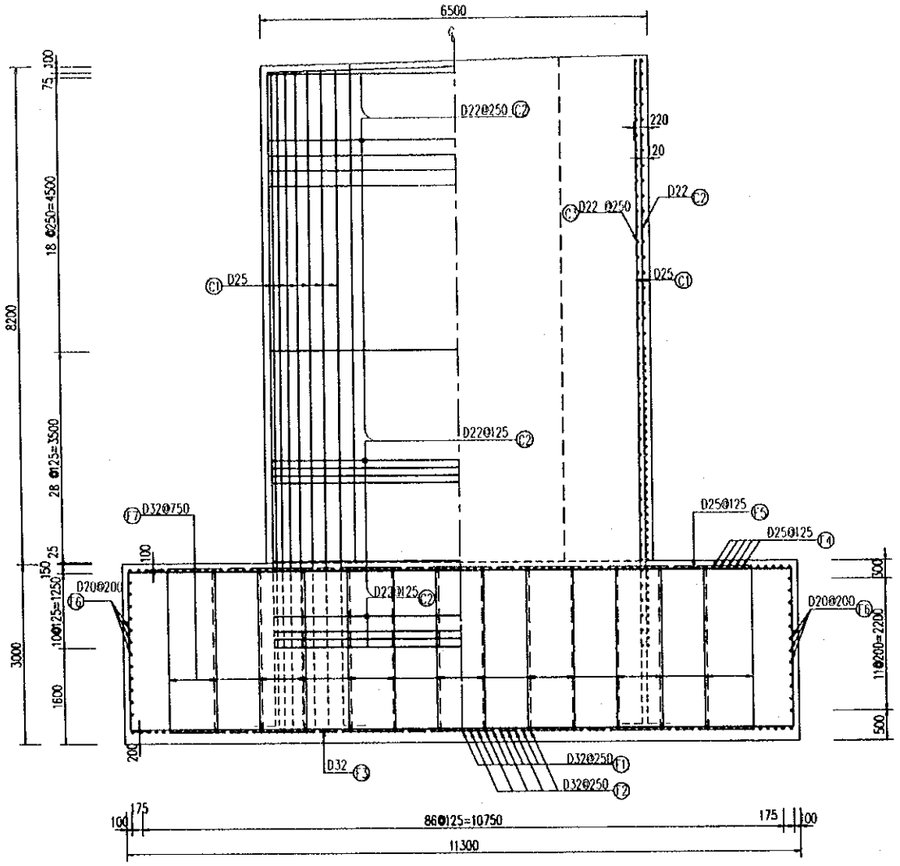
NOTES :

FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO. P3/BR7/0030

PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM		PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	NIPPON KOEI CO.,LTD.	NAME	T. Kametani	K.Matsumoto	K. Enomoto	CAI RANG BRIDGE PIERS PIER P1 & P4 REINFORCEMENT - SHEET 2	P3/BR7/0990
				SIGNATURE					
				DATE	20/9/2000	29/9/2000	5/10/2000		

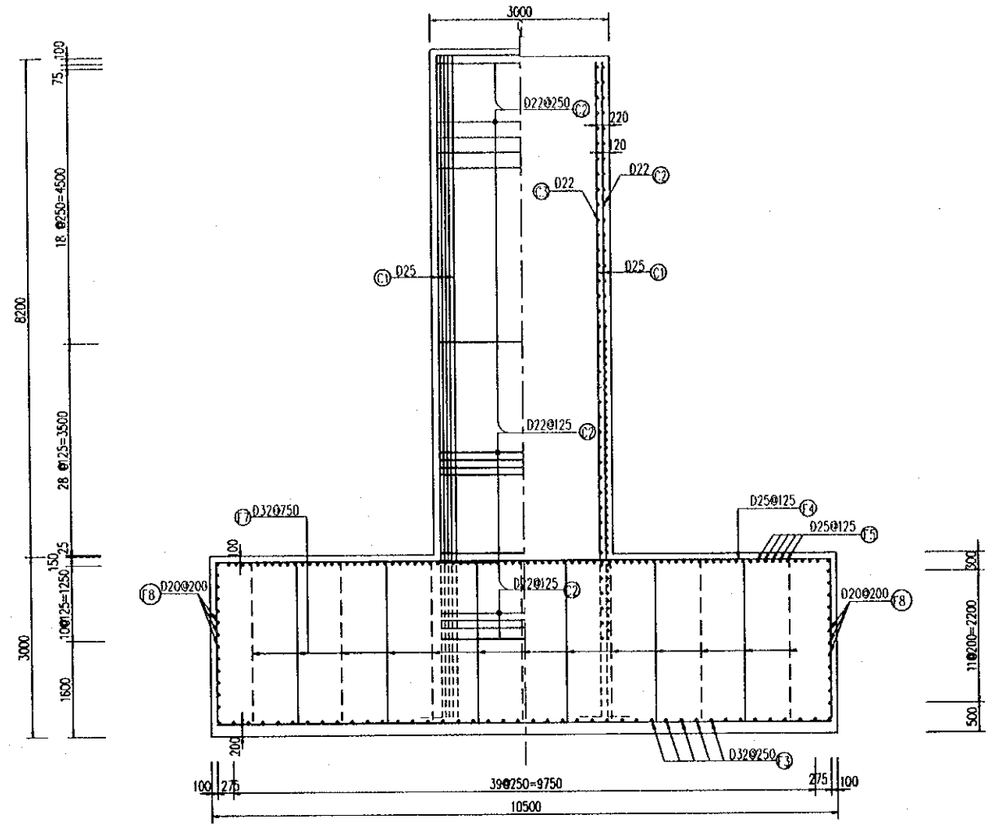
HALF SECTION A - A

(SCALE 1:100)



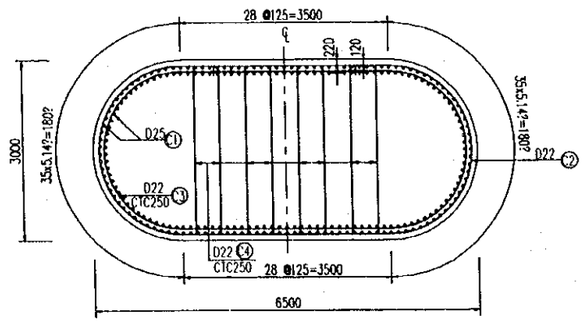
HALF SECTION B - B

(SCALE 1:100)



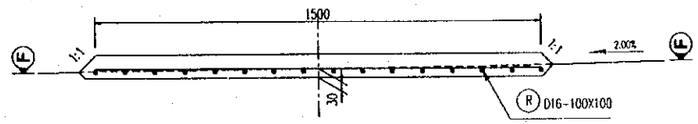
SECTION E - E

(SCALE 1:100)



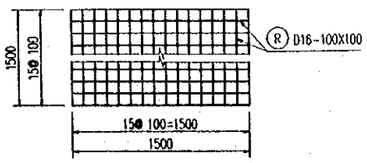
REINFORCING SHOES

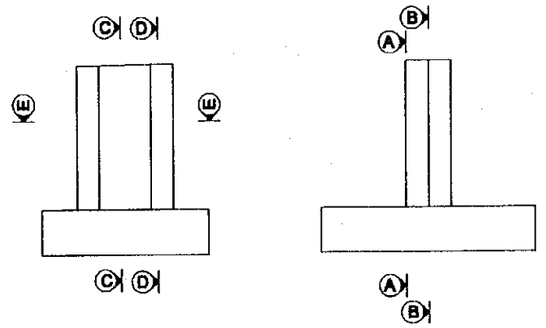
SCALE 1:20



F - F

SCALE 1:50



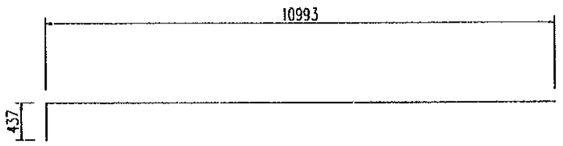


NOTES:

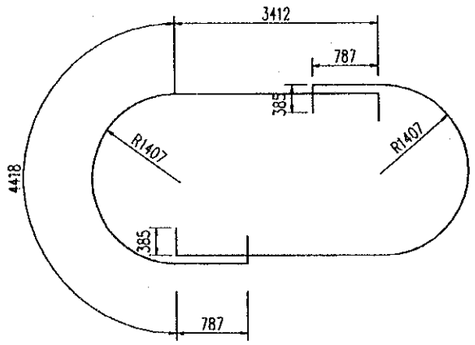
.FOR STANDARD STRUCTURAL NOTES SEE DRAWING No. P3/BR7/0030

PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM		PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	NIPPON KOEI CO.,LTD.	NAME	T. Kametani	K.Matsumoto	K. Enomoto	CAI RANG BRIDGE PIERS PIER P2&P3-REINFORCEMENT-SHEET 1	P3/BR7/1000
				SIGNATURE					
				DATE	20/9/2000	29/9/2000	5/10/2000		

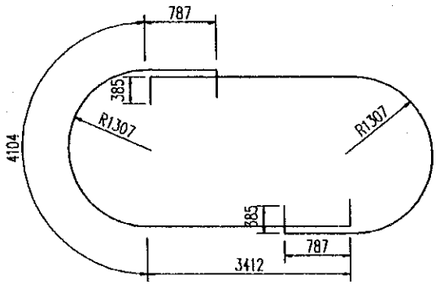
(C1) 252-D25-11430



(C2) N1-D22-18774



(C3) N2 -D22-18146



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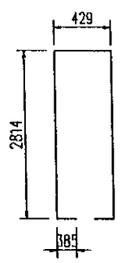
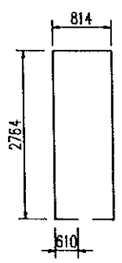
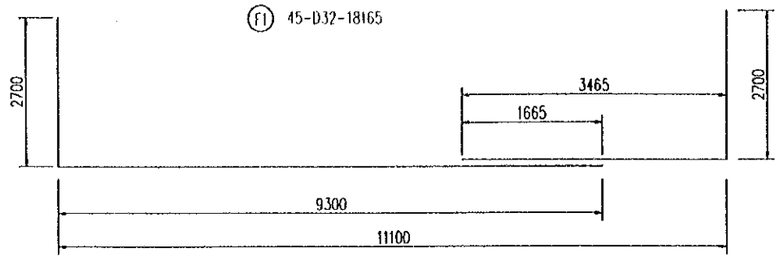


(R) D16-10x10

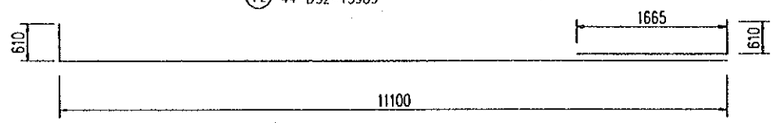
(F7) 124-D32-7562



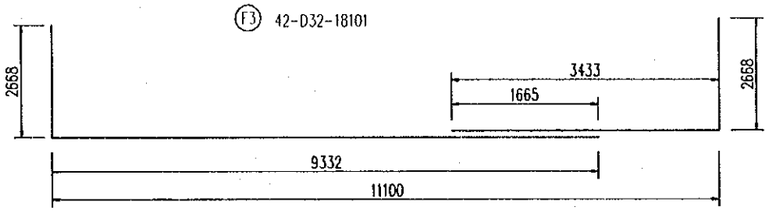
(F1) 45-D32-18165



(F2) 44-D32-13985



(F3) 42-D32-18101



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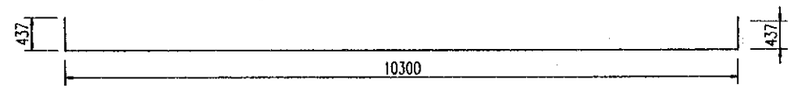
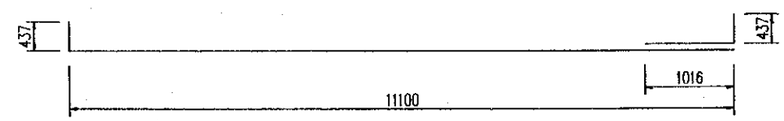
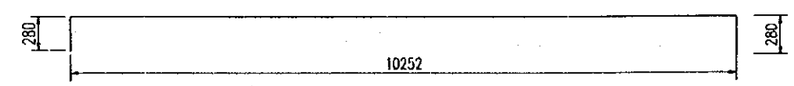


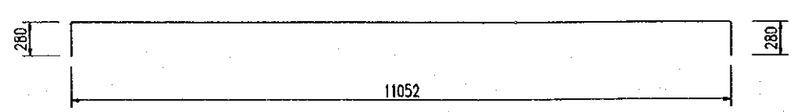
(F5) 114-D25-12990



(F6) 24-D20-10812



(F8) 24-D20-11612



LIST OF REINFORCEMENT (PIER 2-3)

(FOR ONE DIRECTION)

TYPE	DIAMETTER (mm)	LENGTH (mm)	NUMBER	UNIT WEIGHT (kg/m)	WEIGHT (kg)	REMARKS
F1	32	18165	45	6.313	5160.4	
F2	32	13985	44	6.313	3884.6	
F3	32	18101	42	6.313	4799.4	
F4	25	11174	89	3.853	3831.8	
F5	25	12990	82	3.853	4104.1	
F6	20	10808	24	2.466	639.7	
F7	32	7562	84	6.313	4010.1	
F8	20	11608	24	2.466	687.0	
C1	25	15666	252	3.853	15211.0	
C2	22	18774	58	2.984	3249.3	
C3	22	18146	39	2.984	2111.8	
C4	22	6827	156	2.984	3178.0	
R	16	96000	1	1.578	151.5	
TOTAL				51018.6	(kg)	
				D32	17854.5	(kg)
				D25	23146.9	(kg)
				D22	8539.0	(kg)
				D20	1326.7	(kg)
				D16	151.5	(kg)

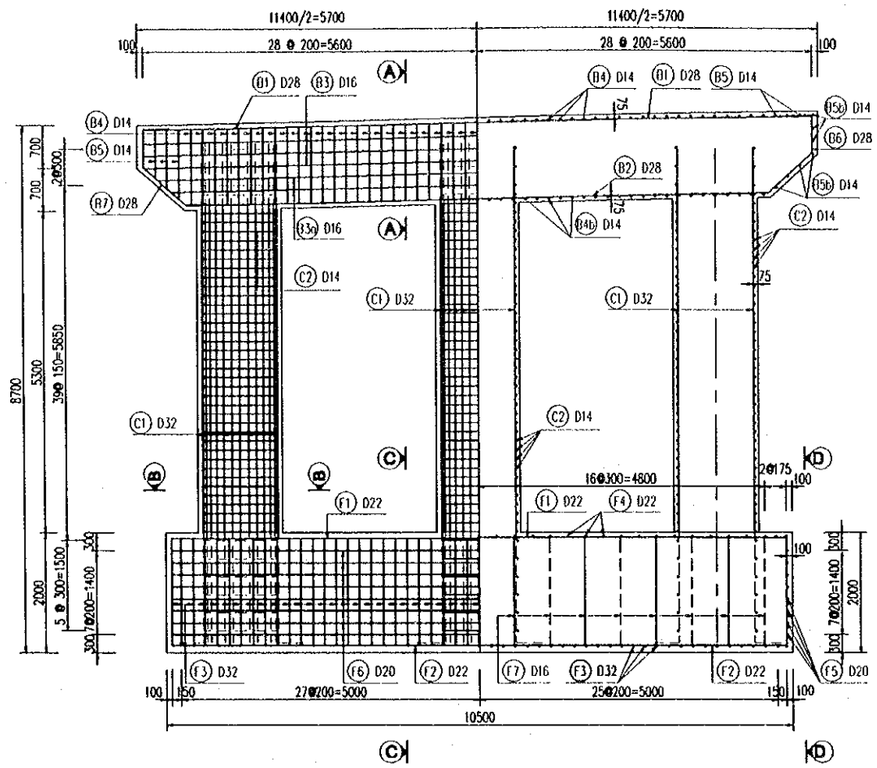
NOTES:

1.FOR STANDARD STRUCTURAL NOTES SEE DRAWNG No. P3/BR7/0030

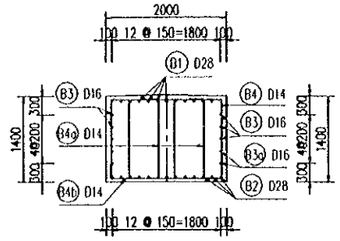
PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM		PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	NIPPON KOEI CO.,LTD.	NAME	T. Kamctani	K.Matsumoto	K. Enomoto	CAI RANG BRIDGE PIERS PIER P2 & P3 - REINFOCEMENT-SHEET 2	P3/BR7/1010
				SIGNATURE					
				DATE	20/9/2000	29/9/2000	5/10/2000		

BAR ARRANGEMENT OF PIER

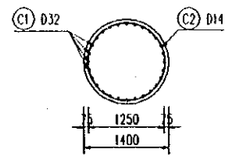
(SCALE 1:100)



A - A

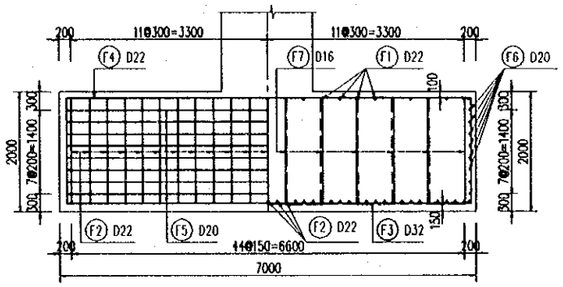


B - B



1/2D - D

1/2C - C



REINFORCING SHOES

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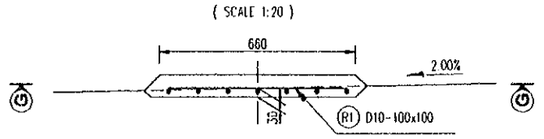
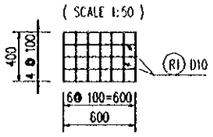
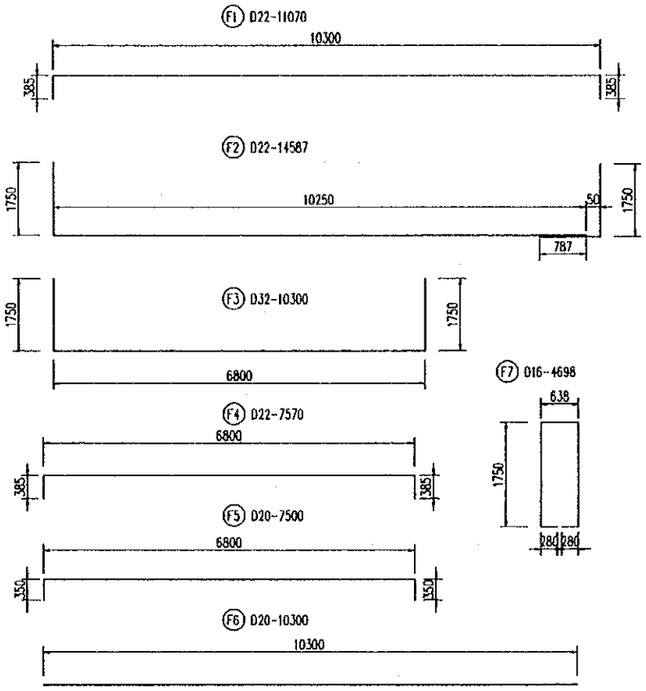
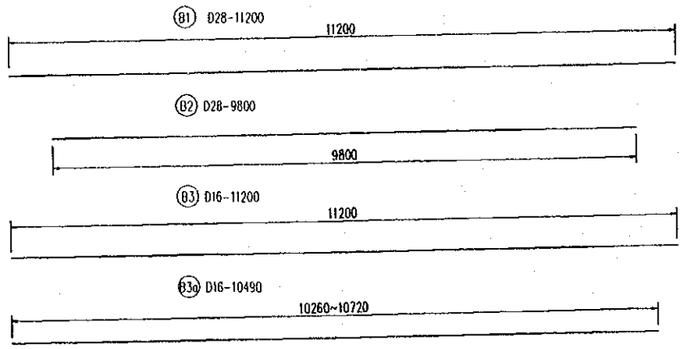


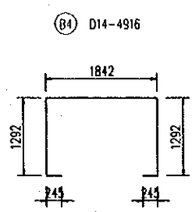
G - G

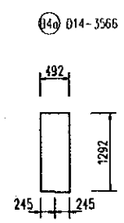
(SCALE 1:50)

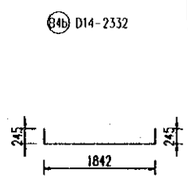


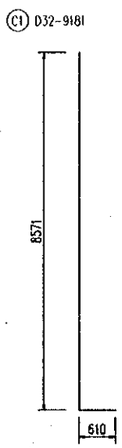


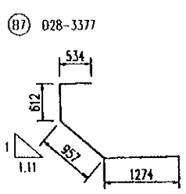


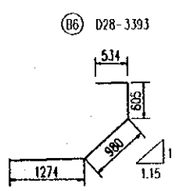


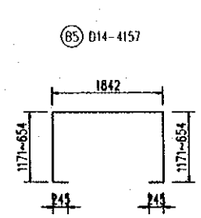


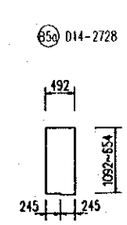


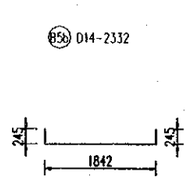












NOTES

FOR STANDARD STRUCTURAL NOTES SEE DRAWING No. P3/BR7/0030

PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM		PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	NIPPON KOEI CO.,LTD.	NAME	T. Kametani	K.Matsumoto	K. Enomoto	CAI RANG BRIDGE PIERS PIER P5 - REINFORCEMENT - SHEET 1	P3/BR7/1020
				SIGNATURE					
				DATE	20/9/2000	29/9/2000	5/10/2000		

LIST OF REINFORCEMENT (P5)

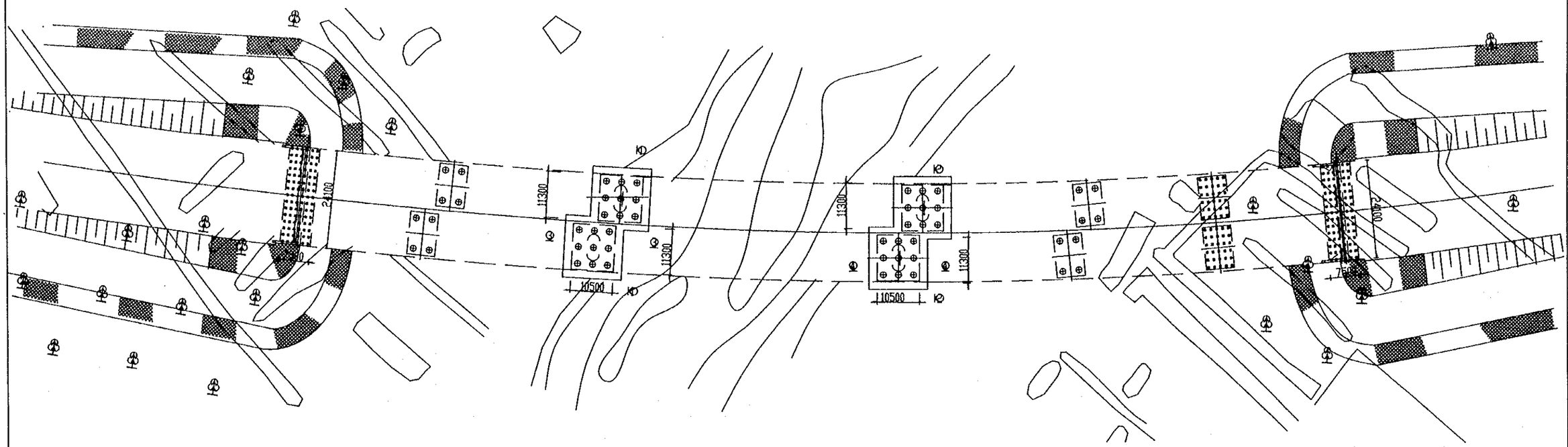
(FOR ONE DIRECTION)

DETAIL	No	DIAMETER (mm)	LENGTH (mm)	QUANTITY	UNIT WEIGHT (kg/m)	WEIGHT (kg)
PIER CAP	R1	10	5800	10	0.617	35.8
	B1	28	11200	13	4.834	703.8
	B2	28	9800	13	4.834	615.9
	B3	16	11200	6	1.578	106.0
	B3a	16	10490	4	1.578	66.2
	B4	14	4916	49	1.208	291.0
	B4a	14	3566	98	1.208	422.2
	B4b	14	2332	49	1.208	138.0
	B5	14	4157	6	1.208	30.1
	B5a	14	2728	12	1.208	39.5
	B5b	14	2332	14	1.208	39.4
	B6	28	3393	13	4.834	213.2
	B7	28	3377	13	4.834	212.2
COLUMN	C1	32	9181	84	6.313	4868.6
	C2	14	4498	150	1.208	815.0
FOOTING	F1	22	11070	25	2.984	825.8
	F2	22	14587	47	2.984	2045.8
	F3	32	10300	53	6.313	3446.3
	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	4698	94	1.578	696.9

TOTAL		
	D10	35.8 (kg)
	D14	1775.3 (kg)
	D16	869.1 (kg)
	D20	702.3 (kg)
	D22	3707.4 (kg)
	D28	1745.1 (kg)
	D32	8314.9 (kg)
	TOTAL	17150.0 (kg)

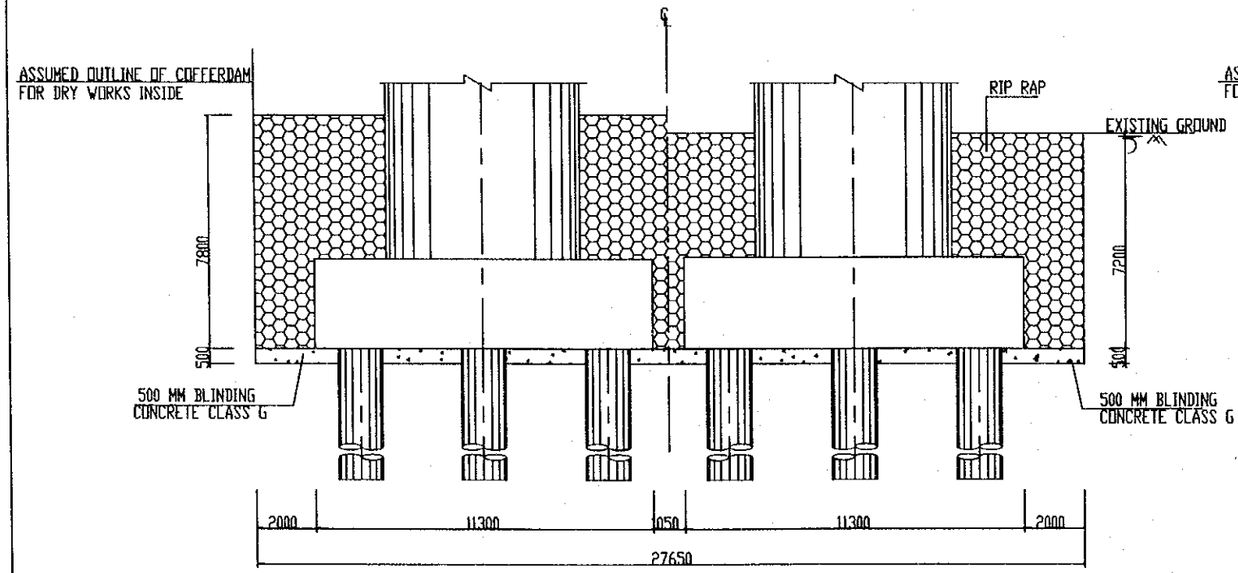
PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM		PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	NIPPON KOEI CO.,LTD.	NAME	T. Kametani	K.Matsumoto	K. Enomoto	CAI RANG BRIDGE PIERS PIER P5 - REINFORCEMENT - SHEET 2	P3/BR7/1030
				SIGNATURE					
				DATE	20/9/2000	29/9/2000	5/10/2000		

PLAN
(SCALE 1:1000)



HALF SECTION 1-1

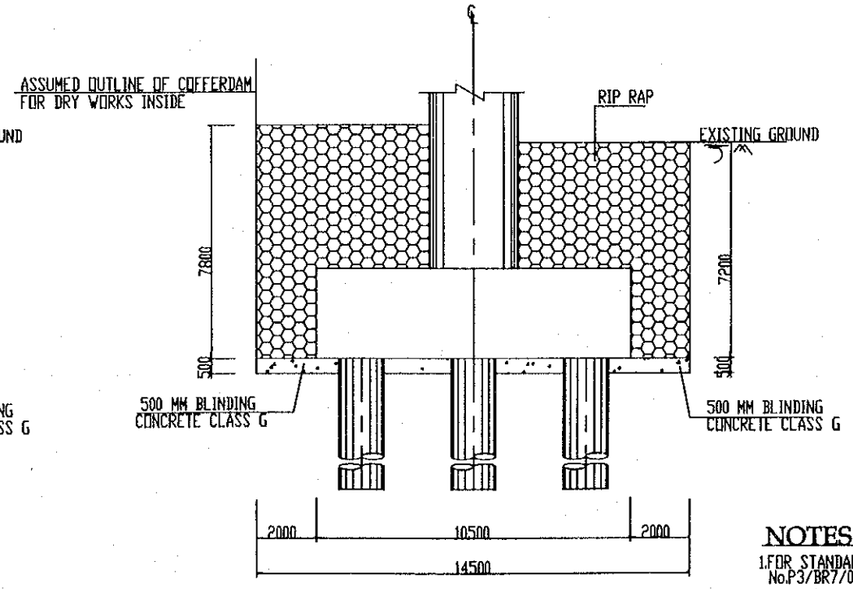
(SCALE 1:200)



HALF SECTION 2-2

HALF SECTION 3-3

(SCALE 1:200)



HALF SECTION 4-4

NOTES

1. FOR STANDARD STRUCTURAL NOTES SEE DRAWING No.P3/BR7/0030.
2. BLINDING CONCRETE CLASS G 386.8 M3
3. RIP RAP 3915.9 M2

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 RANG BRIDGE PIERS PIERS PROTECTION	P3/BR7/1040
				SIGNATURE					
				DATE	20/9/2000	29/9/2000	5/10/2000		

QUANTITY TABLE OF PIERS

(Per One Direction)

ITEM			UNIT	PIER 1	PIER 2	PIER 3	PIER 4	PIER 5	TOTAL
PILE	NUMBER OF PILES	ϕ 1500	PILE	8.0	18.0	18.0	8.0		52.0
		[] 450	PILE					30.0	30.0
	TOTAL LENGTH OF BORED	ϕ 1500	M	400.0	882.0	882.0	360.0		2524.0
	TOTAL LENGTH OF RC	450	M					1200.0	1200.0
	CONCRETE CLASS D		M3	706.9	1558.6	1558.6	636.2	243.9	4704.2
		D32	KG					153.0	153.0
		D28	KG		14617.8	14617.8			29235.6
		D25	KG	23680.8	40876.2	40876.2	21522.4	1764.0	128719.6
		D22	KG	2231.2	5013.0	5013.0	2028.0	29832.0	44117.2
	REINFORCEMENT	D16	KG	267.2	565.2	565.2	267.2	1995.0	3659.8
		D10	KG	6344.0	14202.0	14202.0	5875.2		40623.2
		ϕ 6	KG					5517.0	5517.0
		TOTAL	KG	32523.2	75274.2	75274.2	29692.8	39261.0	252025.4
PIER	CONCRETE CLASS E		M3	462.7	999.0	999.0	462.7	403.5	3326.9
		D32	KG	6892.6	35709.0	35709.0	6892.6	16629.8	101833.0
		D28	KG					3490.2	3490.2
		D25	KG	11583.6	46293.8	46293.8	11583.6	7414.8	123169.6
		D22	KG	7414.8	17078.0	17078.0	7414.8	7414.8	56400.4
		D18	KG	1404.6	2653.4	2653.4	1404.6	1404.6	9520.6
	REINFORCEMENT	D16	KG	5306.4	303.0	303.0	5306.4	1738.2	12957.0
		D14	KG	2951.8			2951.8	3550.6	9454.2
		D12	KG						0.0
		D10	KG	59.8			59.8	71.6	191.2
		ϕ 6	KG						0.0
		TOTAL	KG	35613.6	102037.2	102037.2	35613.6	41714.6	317016.2
	BLINDING STONE		M3	28.0			28.0	27.3	83.3
	LEAN CONCRETE CLASS G		M3	14.0	193.4	193.4	14.0	13.6	428.4
	RIP RAP		M3		2082.4	1833.5			3915.9
	EXCAVATION		M3	2038.6	4947.3	4698.8	1837.1	16514.0	30035.8
	BACK FILL		M3	951.1			823.9	461.9	2236.9
	FORM	FLAT	M2	366.1	377.2	377.2	366.1	259.3	1745.9
		CURVE	M2	59.7	155.7	155.7	59.7	142.0	572.8
	SEAFFOLDING	h <= 4m	M2	255.6	261.6	261.6	255.6	254.4	1288.8
		4m < H < 30m	M2	286.1	237.4	237.4	286.1	289.2	1336.2
	SUPPORT		M3	120.5			146.6	154.9	422.0
		LARSEN IV	M3		3720.0	3720.0			7440.0
	COFFERDAMS	[400	M3		840.0	840.0			1680.0
		C 300	M3		1082.6	1082.6			2165.2

NOTES

1. FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO P3/BR7/0030.

PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM		PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	NIPPON KOEI CO.,LTD.	NAME	T. Kametani	K.Matsumoto	K. Enomoto	CAI RANG BRIDGE PIERS QUANTITY TABLE OF PIERS	P3/BR7/1050
				SIGNATURE					
				DATE	20/9/2000	29/9/2000	5/10/2000		