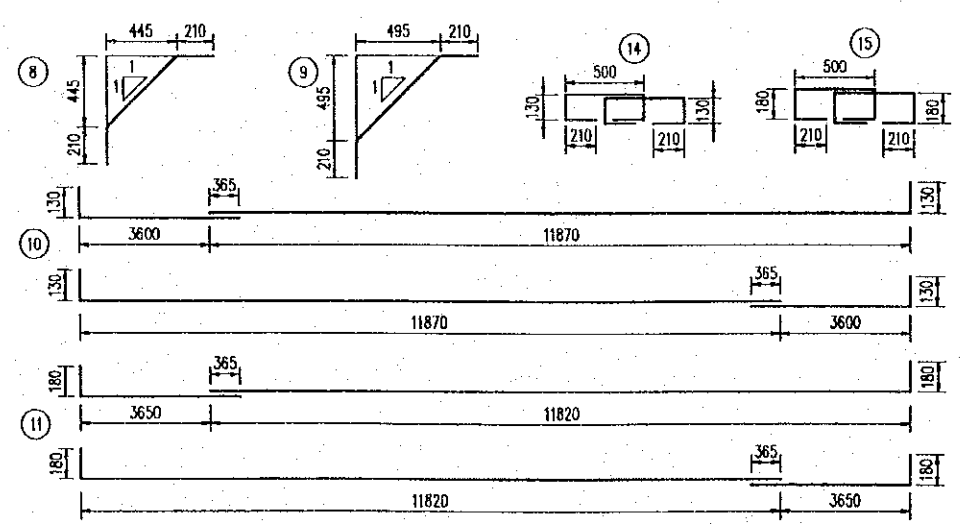
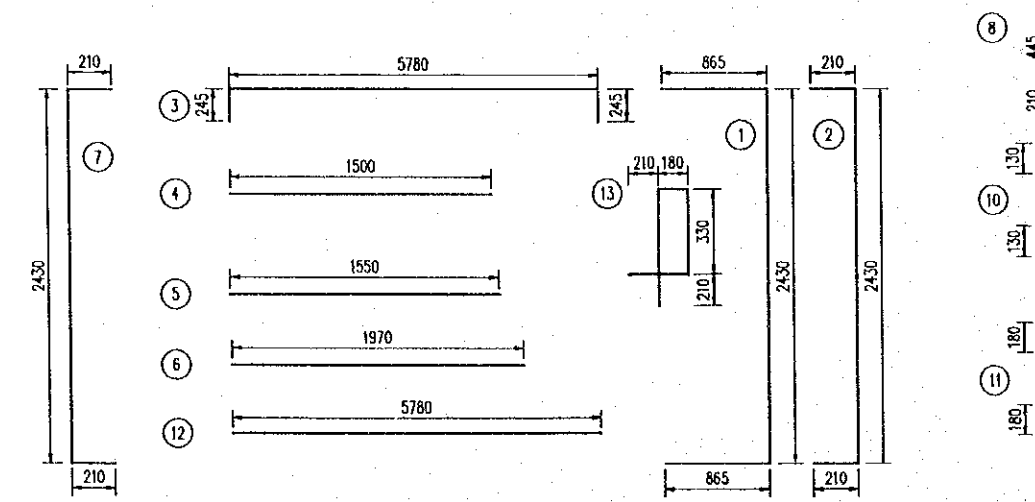


QUANTITIES TABLE

SYMBOL OF BAR	UNIT LENGTH (mm)	SPACE (mm)	DIAMETER (mm)	NUMBER OF BAR	UNIT WEIGHT (kg/m)	TOTAL LENGTH (m)	TOTAL WEIGHT (kg)
1	4160	125	14	250	1.208	1040.00	1256.7
2	2850	250	12	126	0.888	359.10	318.8
3	6270	250	14	126	1.208	790.02	954.7
4	1500	250	14	248	1.208	372.00	449.5
5	1550	125	18	250	1.998	387.50	774.1
6	1970	250	12	252	0.888	496.44	440.7
7	2850	125	12	250	0.888	712.50	632.6
8	1049	250	12	252	0.888	264.35	234.7
9	1120	250	12	252	0.888	282.24	250.6
10	16095	250	12	52	0.888	836.94	743.0
11	16195	250	12	100	0.888	1619.50	1437.8
12	5780	250	12	2	0.888	11.56	10.3
13	1440	250	12	26	0.888	37.44	33.2
14	1180	250	12	374	0.888	441.51	392.0
15	1280	250	12	374	0.888	478.92	425.2
TOTAL FOR 1 SEGMENT				CONCRETE : 79.63 m³		REINFORCEMENT : 8353.9 kg	
TOTAL FOR THE WHOLE OF CULVERT				CONCRETE : 159.26 m³		REINFORCEMENT : 16707.9 kg	



NOTES :

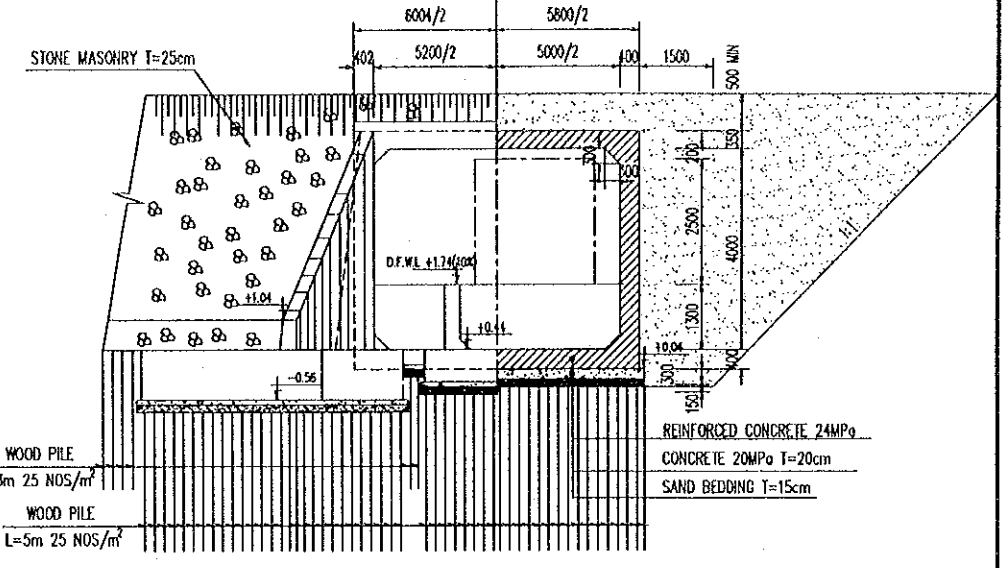
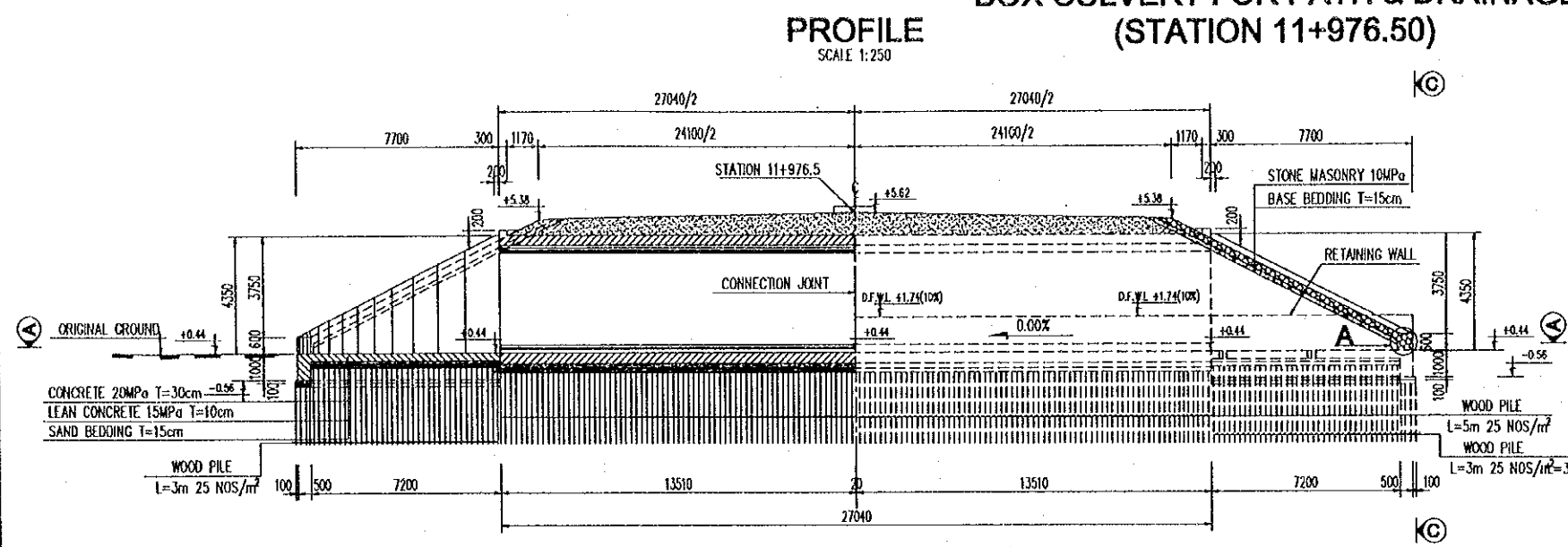
- 1- ALL DIMENSIONS ARE IN MILLIMETER UNLESS OTHERWISE INDICATED.
- 2- LENGTH OF SEGMENT SEE GENERAL VIEW DRAWING.

PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM		PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	NK NIPPON KOEI CO.,LTD.		NAME: K. Nemoto SIGNATURE: <i>K. Nemoto</i> DATE: 20/9/2000	NAME: K. Nakai SIGNATURE: <i>K. Nakai</i> DATE: 29/9/2000	NAME: K. Enomoto SIGNATURE: <i>K. Enomoto</i> DATE: 5/10/2000	REINFORCEMENT OF CULVERT STATION 11+690	P3/BC/0280

BOX CULVERT FOR PATH & DRAINAGE (STATION 11+976.50)

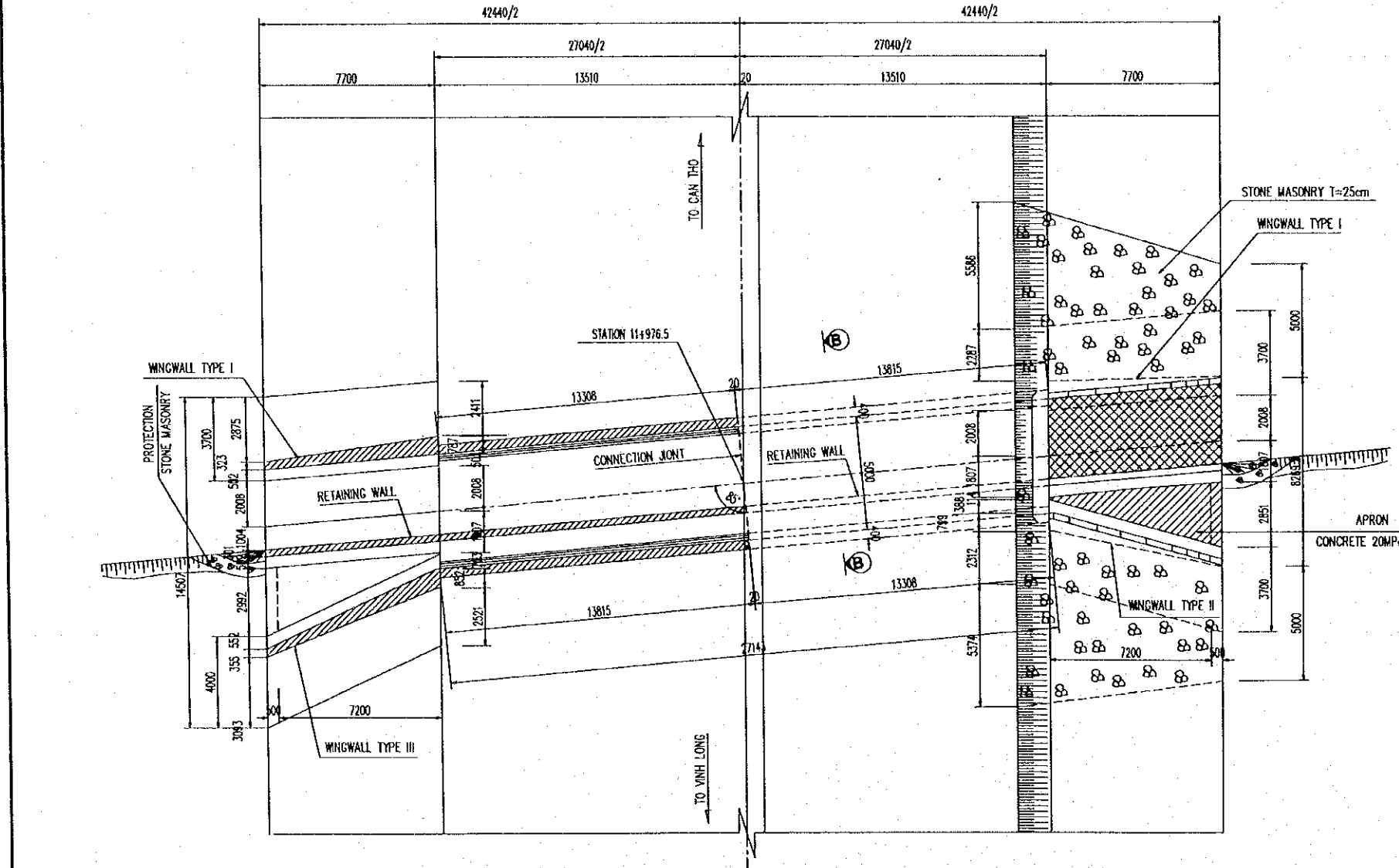
SECTION

SCALE 1:150
1/2 C-C 1/2 B-B

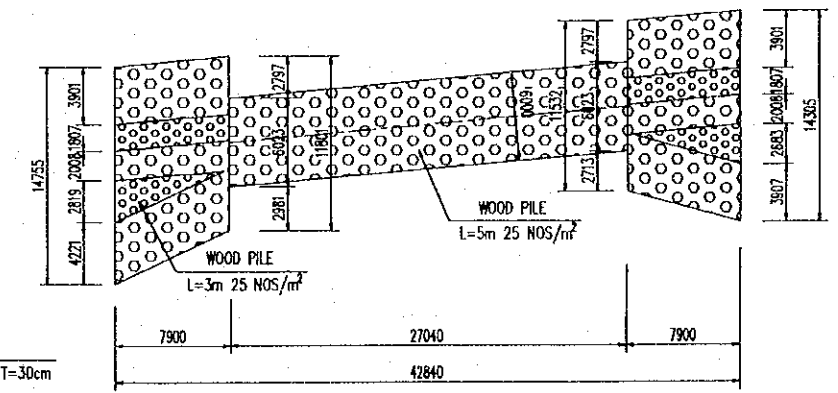


1/2 A-A
SCALE 1:250

1/2 PLAN
SCALE 1:250



PLAN LAYOUT OF WOOD PILE
SCALE 1:500

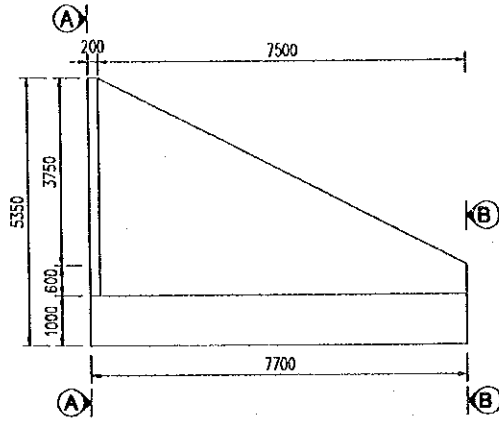


- NOTES :
- 1- ALL DIMENSIONS ARE IN MILLIMETER UNLESS OTHERWISE INDICATED.
 - 2- ELEVATIONS ARE IN METERS IN REFERENCE TO THE NATIONAL DATUM LEVEL.
 - 3- DETAIL A IS SHOWN IN THE DOCUMENT OF APPROACH ROAD - DRAWING No P3/MS/0190.

PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM	PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	(NK) NIPPON KOBİ CO.,LTD.	NAME K. Nemoto SIGNATURE <i>K. Nemoto</i> DATE 20/9/2000	NAME K. Nakai SIGNATURE <i>K. Nakai</i> DATE 24/9/2000	NAME K. Enomoto SIGNATURE <i>K. Enomoto</i> DATE 5/10/2000	GENERAL VIEW OF BOX CULVERT STATION 11 + 976.50	P3/BC/0290

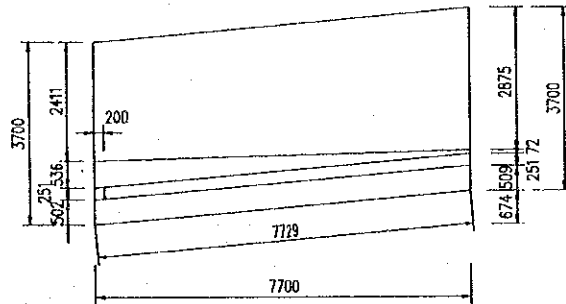
WING WALL TYPE I

SCALE 1:150



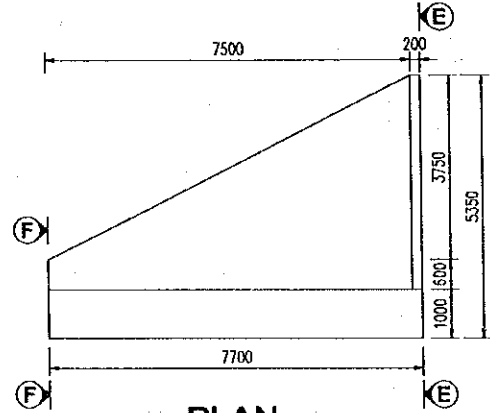
PLAN

SCALE 1:150



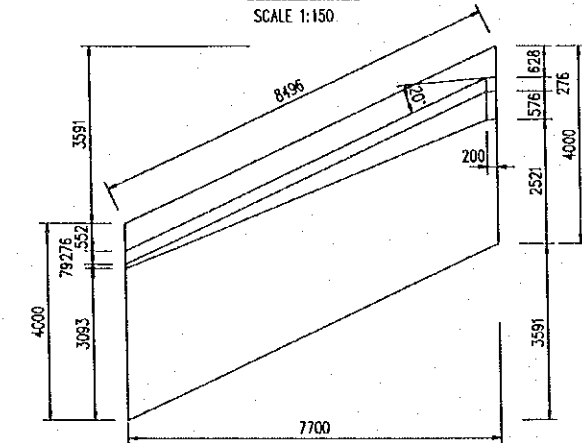
WING WALL TYPE III

SCALE 1:150



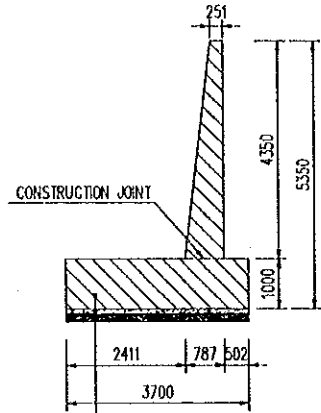
PLAN

SCALE 1:150



A - A

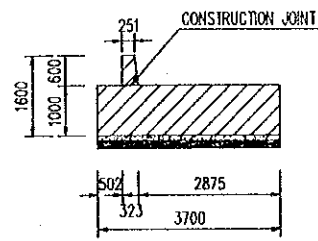
SCALE 1:150



REINFORCED CONCRETE 24MPa T=100cm
LEAN CONCRETE 15MPa T=10cm
SAND BEDDING T=15cm

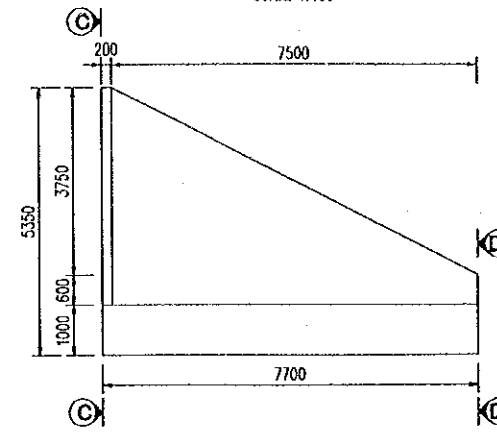
B - B

SCALE 1:150



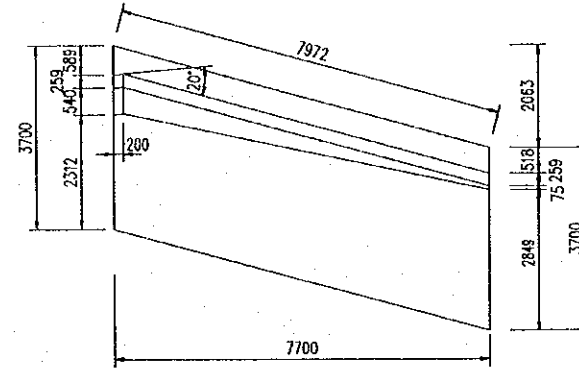
WING WALL TYPE II

SCALE 1:150



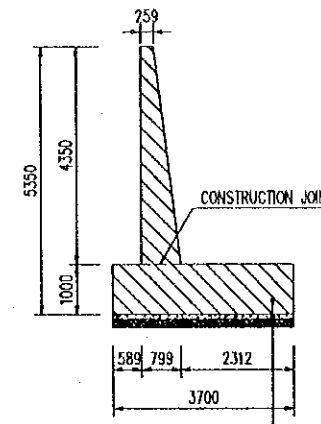
PLAN

SCALE 1:150



C - C

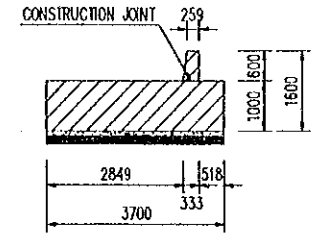
SCALE 1:150



REINFORCED CONCRETE 24MPa T=100cm
LEAN CONCRETE 15MPa T=10cm
SAND BEDDING T=15cm

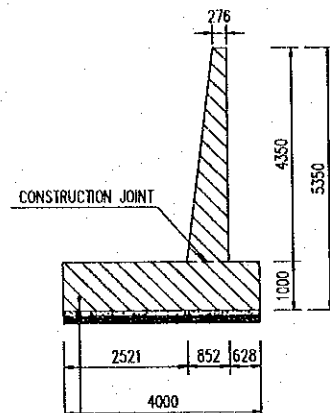
D - D

SCALE 1:150



E - E

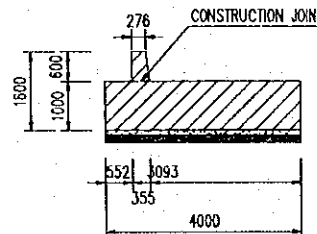
SCALE 1:150



REINFORCED CONCRETE 24MPa T=100cm
LEAN CONCRETE 15MPa T=10cm
SAND BEDDING T=15cm

F - F

SCALE 1:150

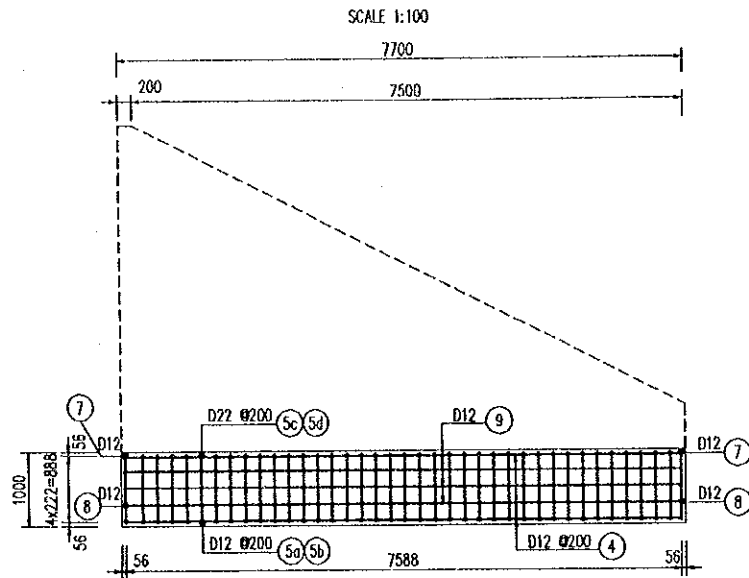


NOTES:

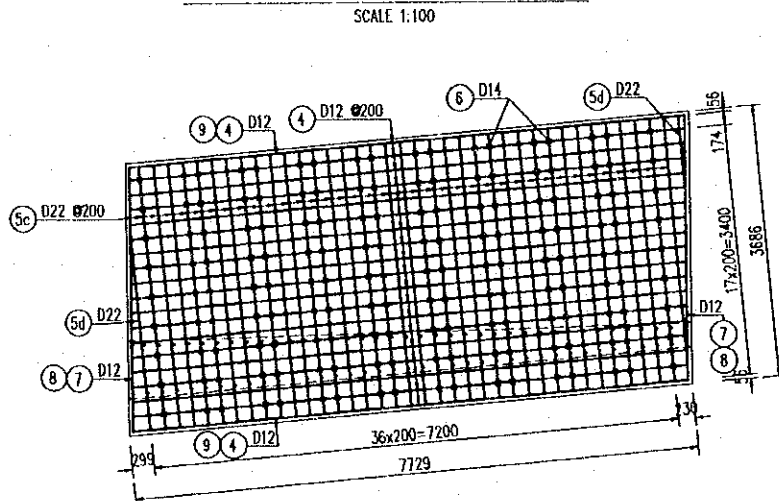
- 1- ALL DIMENSIONS ARE IN MILLIMETER UNLESS OTHERWISE INDICATED.
- 2- POSITION OF WING WALL SEE GENERAL VIEW DRAWING.

PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM	PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	(NK) NIPPON KOEI CO.,LTD.	NAME: K. Nemoto SIGNATURE: <i>K. Nemoto</i> DATE: 20/9/2000	NAME: K. Nakai SIGNATURE: <i>K. Nakai</i> DATE: 29/9/2000	NAME: K. Enomoto SIGNATURE: <i>K. Enomoto</i> DATE: 5/10/2000	GENERAL VIEW OF WING WALL STATION 11+976.50	P3/BC/0300

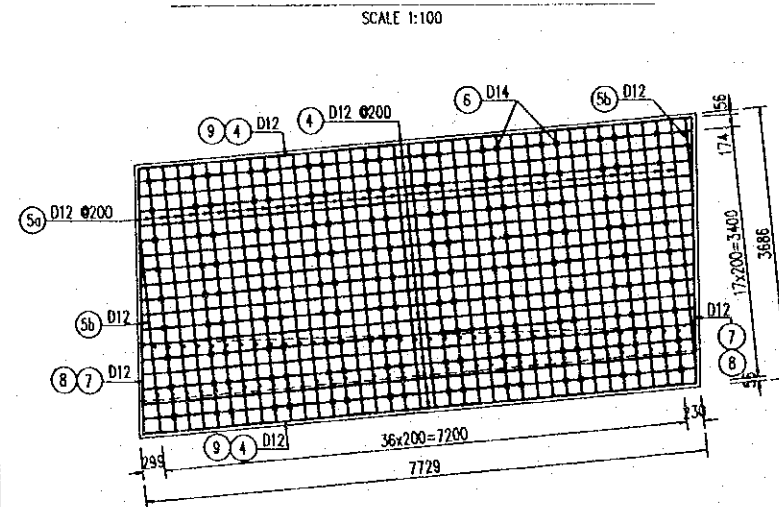
REINFORCEMENT OF FOOTING



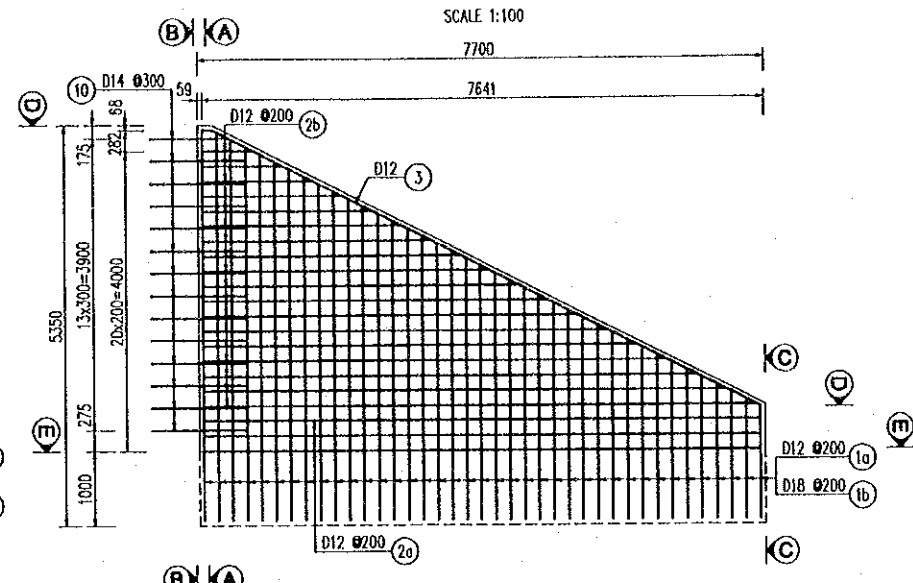
TOP REINFORCEMENT



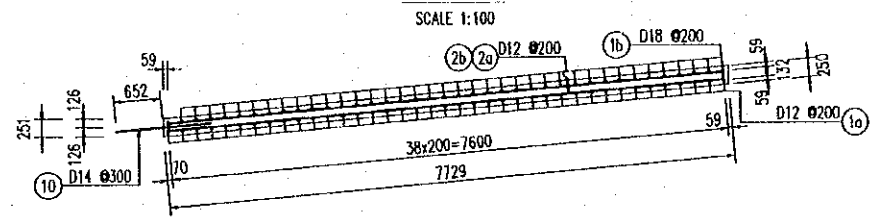
BOTTOM REINFORCEMENT



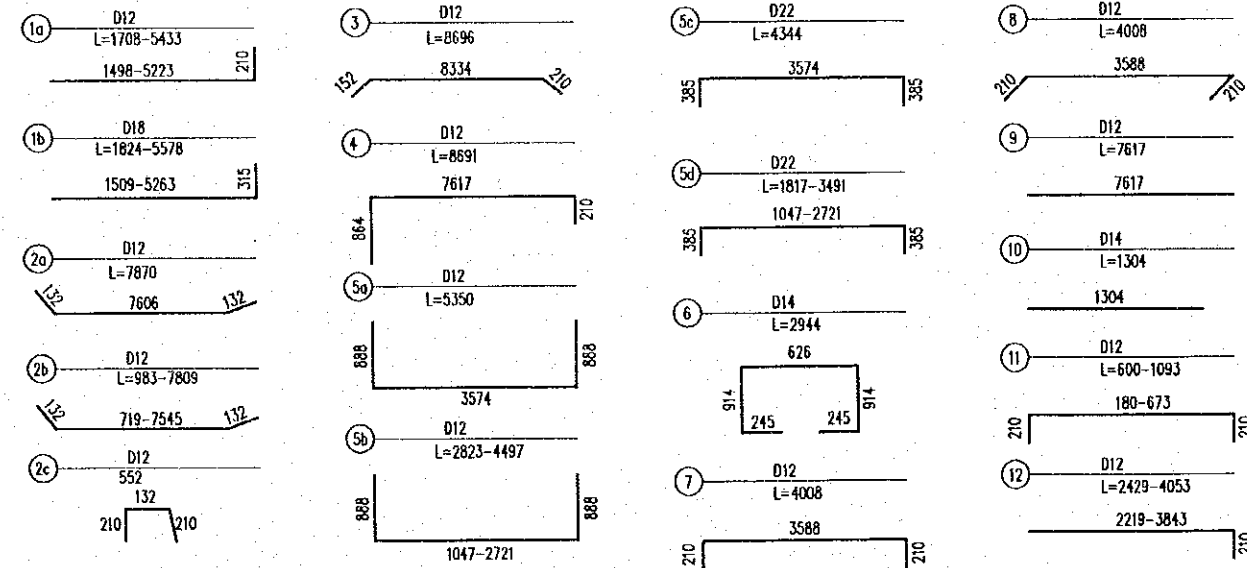
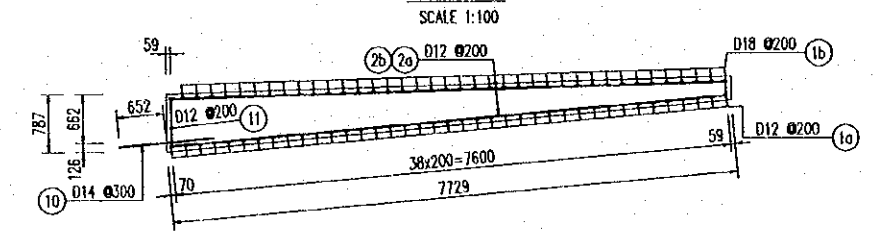
REINFORCEMENT OF WING WALL TYPE I



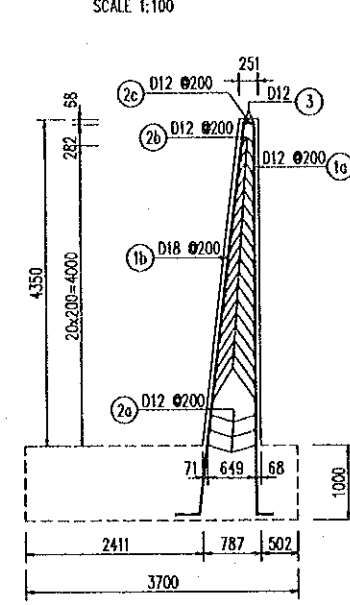
D-D



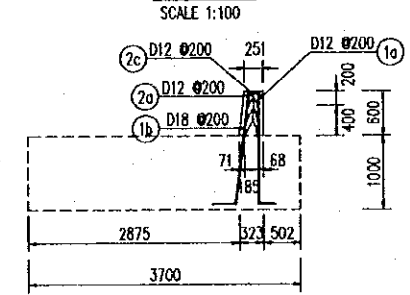
E-E



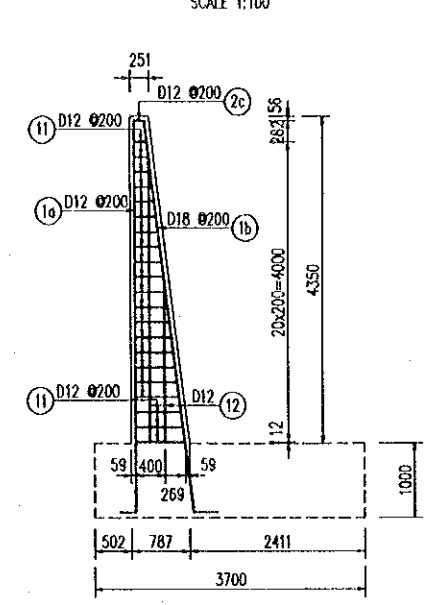
A-A



C-C



B-B



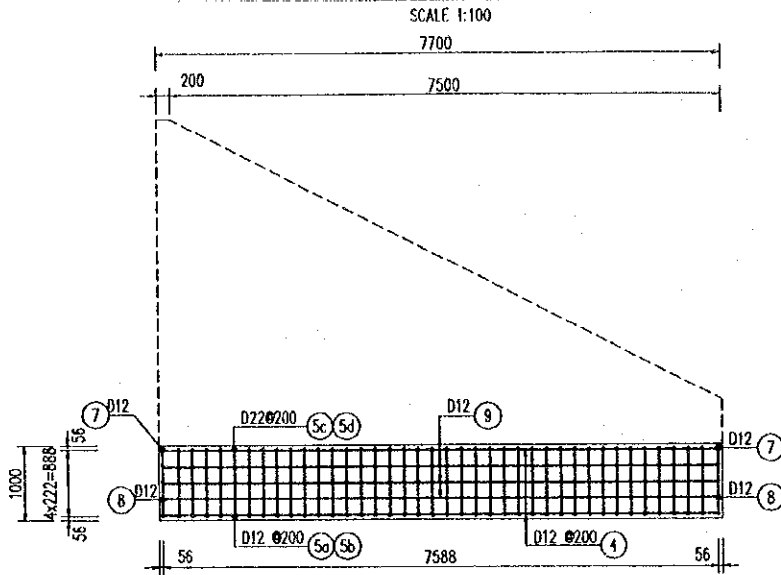
QUANTITIES TABLE

BAR MARK	UNIT LENGTH (mm)	DIAMETER (mm)	NUMBER OF BAR	UNIT WEIGHT (kg/m)	TOTAL LENGTH (m)	TOTAL WEIGHT (kg)
1a	3571	12	39	0.888	139.2	123.6
1b	3701	18	39	1.998	144.3	288.3
2a	7870	12	6	0.888	47.2	41.9
2b	4396	12	36	0.888	158.3	140.5
2c	552	12	39	0.888	21.5	19.1
3	8696	12	2	0.888	17.4	15.4
4	8691	12	38	0.888	330.3	293.2
5a	5350	12	37	0.888	198.0	175.7
5b	3660	12	2	0.888	7.3	6.5
5c	4344	22	37	2.984	160.7	479.6
5d	2654	22	2	2.984	5.3	15.8
6	2944	14	81	1.208	238.5	288.2
7	4008	12	4	0.888	18.0	14.2
8	4275	12	6	0.888	24.0	21.4
9	7617	12	6	0.888	45.7	40.6
10	1304	14	14	1.208	18.3	22.1
11	847	12	21	0.888	17.8	15.8
12	3241	12	2	0.888	6.5	5.8
CONCRETE :	36.97 m ³					
REINFORCEMENT :					D<14	1224.0 kg
REINFORCEMENT :					14<D<=25	783.8 kg
TOTAL REINFORCEMENT :						2007.8 kg

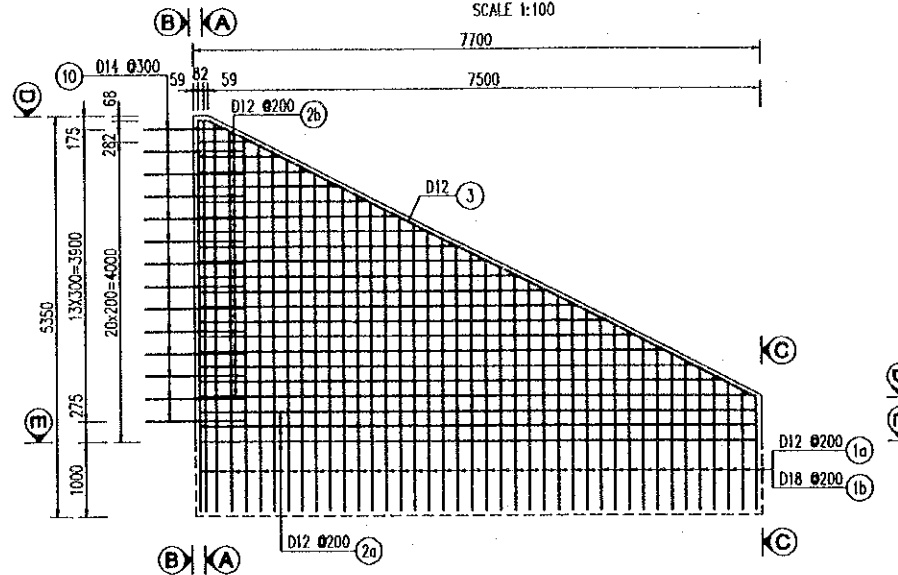
NOTES :
1- ALL DIMENSIONS ARE IN MILLIMETER UNLESS OTHERWISE INDICATED.

PROJECT NAME DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	IMPLEMENTATION AGENCY JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	EXECUTING AGENCY SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	JICA STUDY TEAM NIPPON KOEI CO.,LTD.	PREPARED BY K. Nemoto	CHECKED BY K. Nakai	APPROVED BY K. Enomoto	DRAWING TITLE REINFORCEMENT OF WING WALL TYPE I STATION 11+976.5	DWG NO. P3/BC/0310
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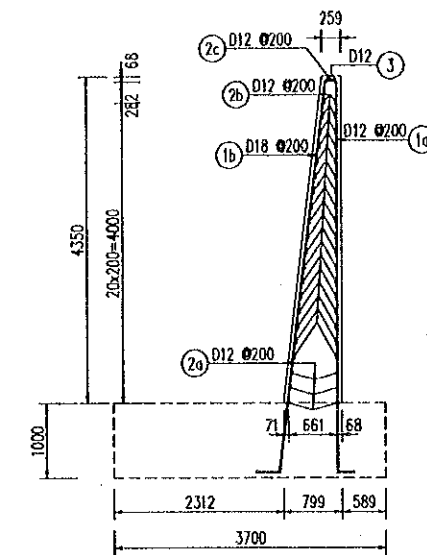
REINFORCEMENT OF FOOTING



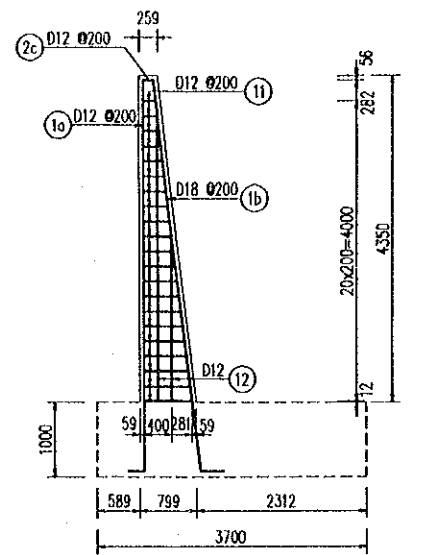
REINFORCEMENT OF WING WALL TYPE II



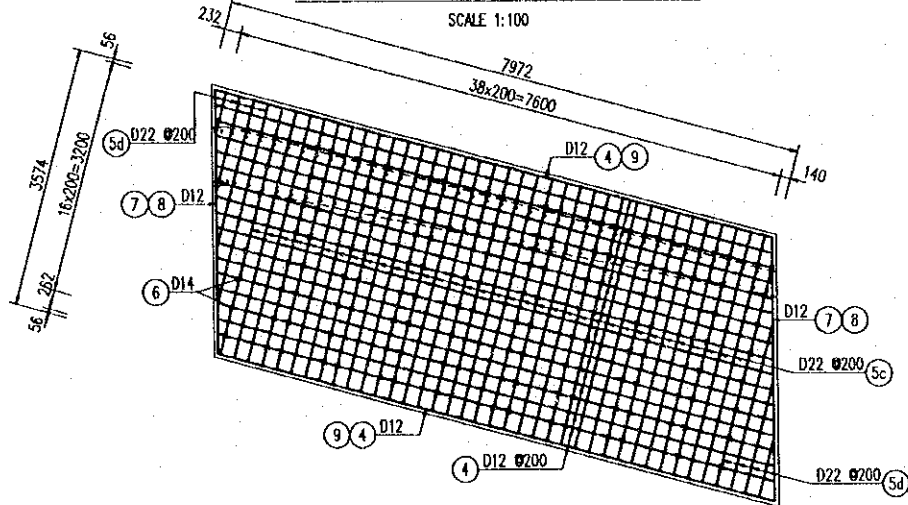
A-A



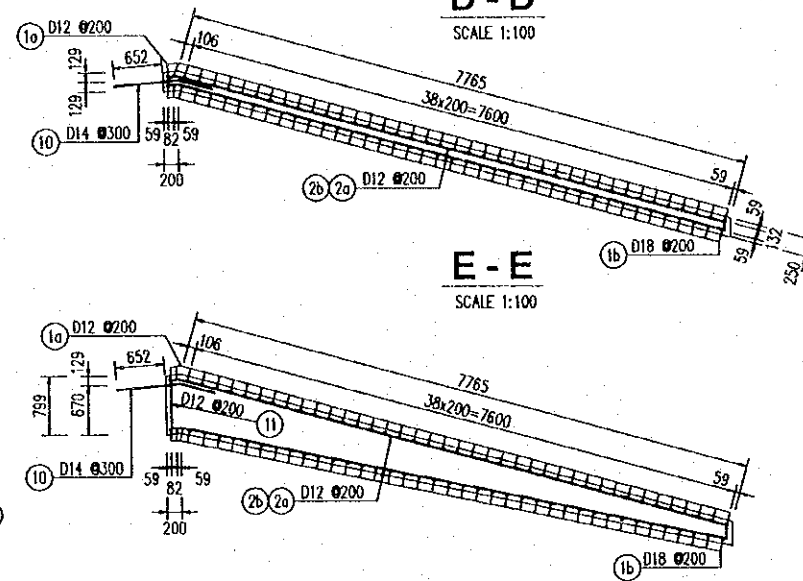
B-B



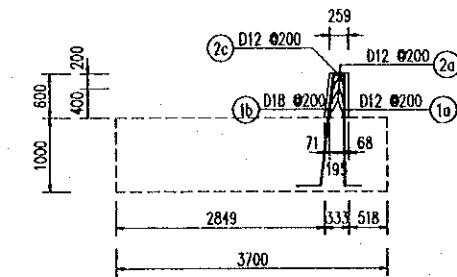
TOP REINFORCEMENT



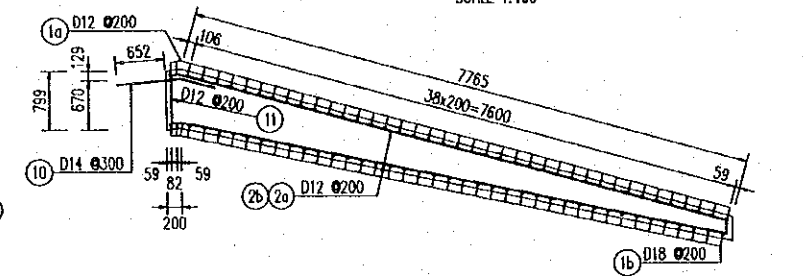
D-D



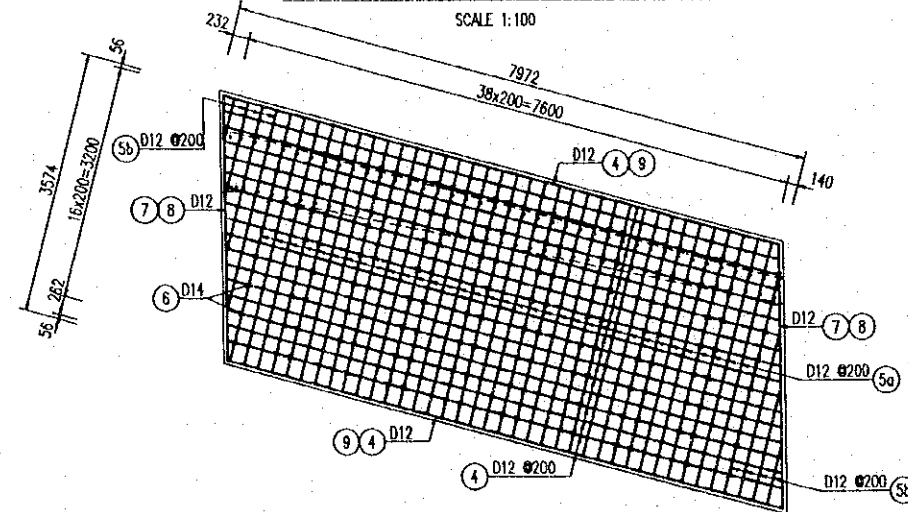
C-C



E-E



BOTTOM REINFORCEMENT



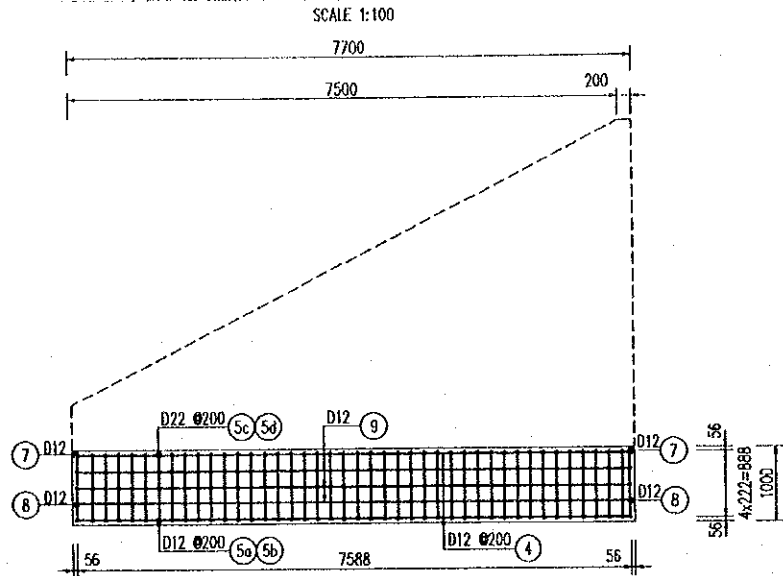
QUANTITIES TABLE

BAR MARK	UNIT LENGTH (m)	DIAMETER (mm)	NUMBER OF BAR	UNIT WEIGHT (kg/m)	TOTAL LENGTH (m)	TOTAL WEIGHT (kg)
1a	3573	12	41	0.888	146.5	130.1
1b	3704	18	41	1.998	151.8	303.3
2a	8065	12	6	0.888	48.4	43.0
2b	4525	12	36	0.888	162.9	144.6
2c	552	12	41	0.888	22.6	20.1
3	8907	12	2	0.888	17.8	15.8
4	8930	12	36	0.888	321.5	285.4
5a	5350	12	37	0.888	198.0	175.7
5b	3660	12	2	0.888	7.3	6.5
5c	4344	22	37	2.984	160.7	479.6
5d	2654	22	2	2.984	5.3	15.8
6	2944	14	72	1.208	212.0	256.1
7	4004	12	4	0.888	16.0	14.2
8	4004	12	6	0.888	24.0	21.3
9	7856	12	6	0.888	47.1	41.8
10	1304	14	14	1.208	18.3	22.1
11	858	12	21	0.888	18.0	16.0
12	3291	12	2	0.888	6.6	5.8
CONCRETE :					37.47 m ³	
REINFORCEMENT :					D<14	1225.4 kg
REINFORCEMENT :					14<D<=25	783.8 kg
TOTAL REINFORCEMENT :						2009.2 kg

NOTES
1- ALL DIMENSIONS ARE IN MILLIMETER UNLESS OTHERWISE INDICATED.

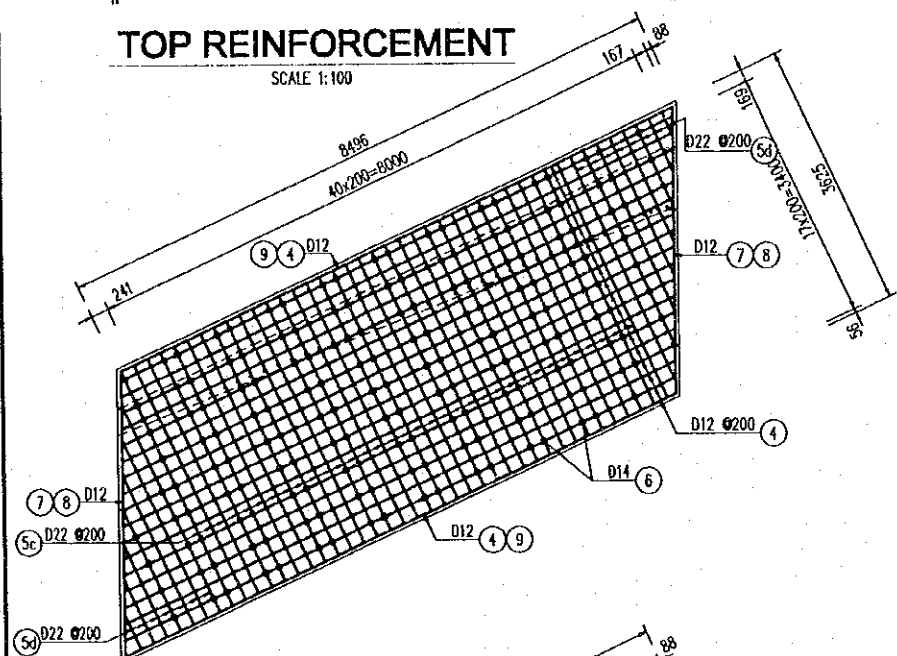
PROJECT NAME DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	IMPLEMENTATION AGENCY JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	EXECUTING AGENCY SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	JICA STUDY TEAM NIPON KOBİ CO.,LTD.	PREPARED BY K. Nemoto	CHECKED BY K. Nakai	APPROVED BY K. Enomoto	DRAWING TITLE REINFORCEMENT OF WING WALL TYPE II STATION 11+976.5	DWG NO. P3/BC/0320
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REINFORCEMENT OF FOOTING



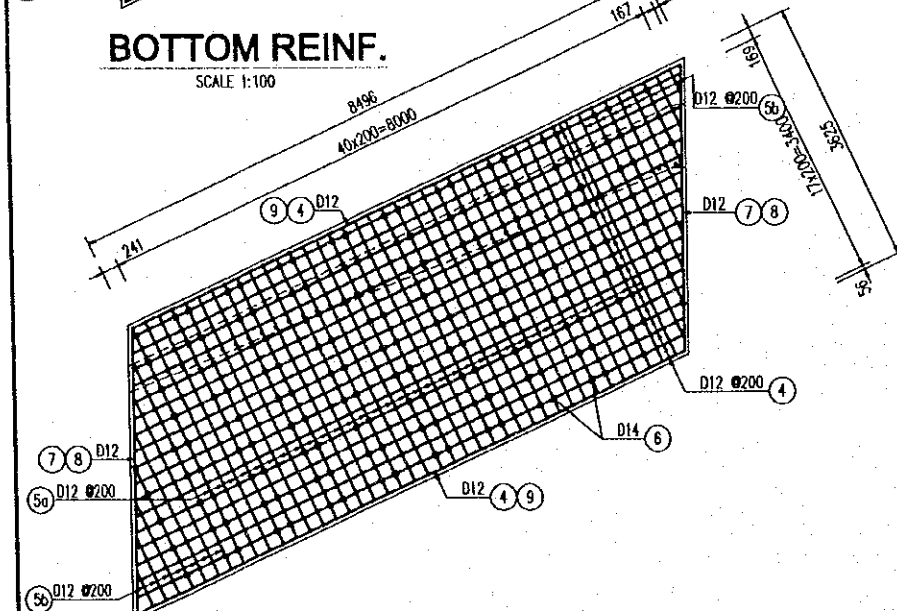
TOP REINFORCEMENT

SCALE 1:100



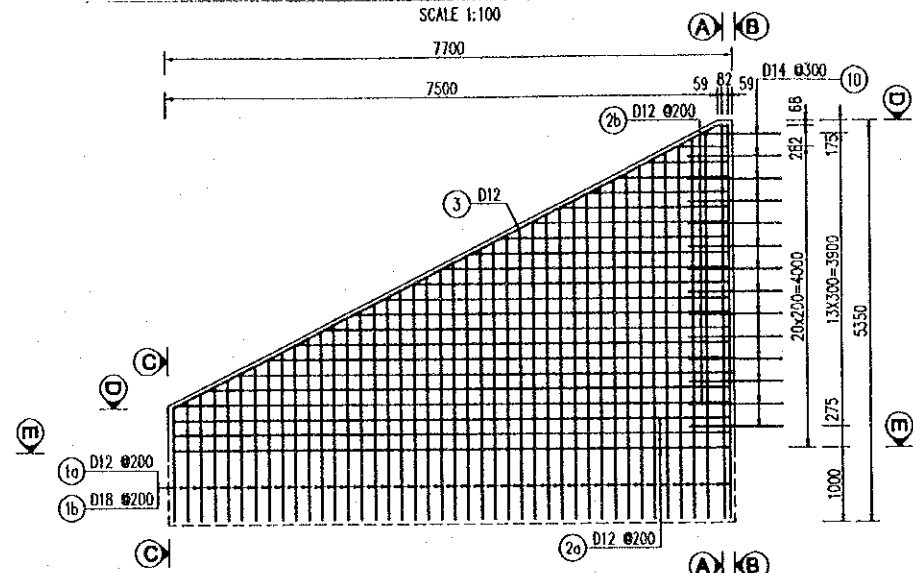
BOTTOM REINF.

SCALE 1:100



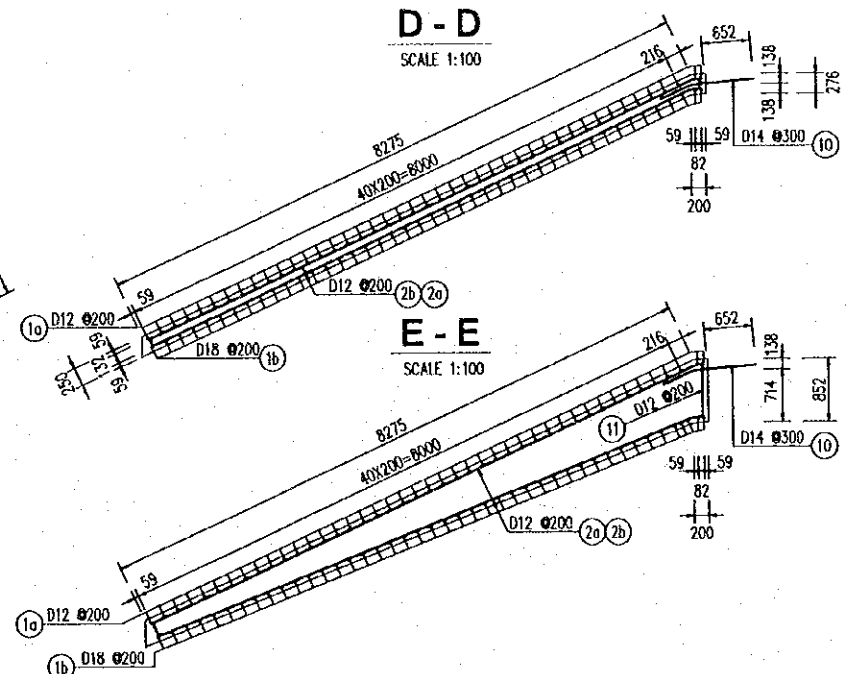
REINFORCEMENT OF WING WALL TYPE III

SCALE 1:100



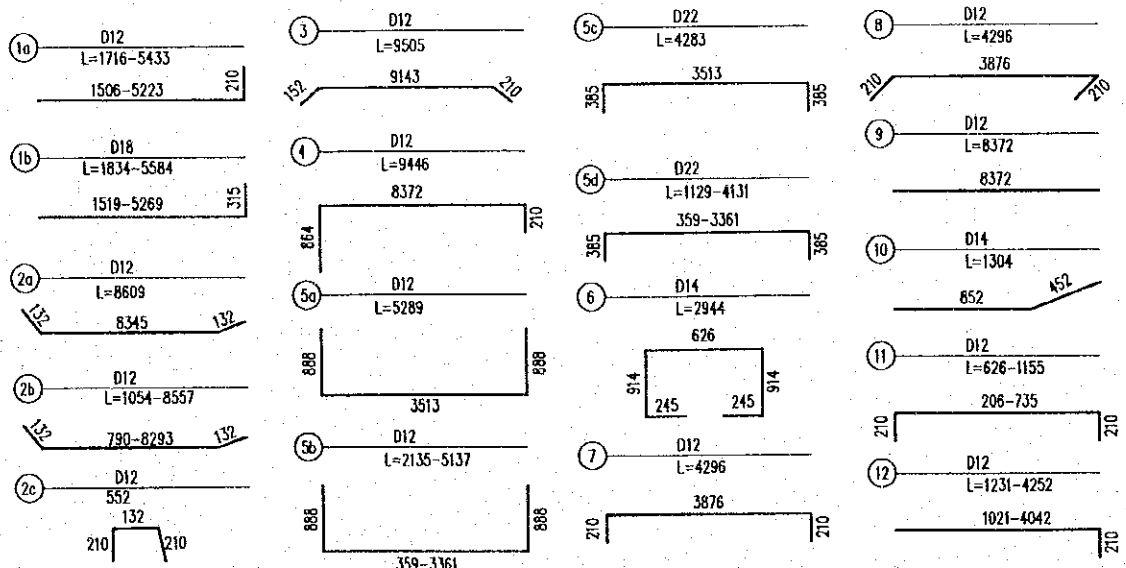
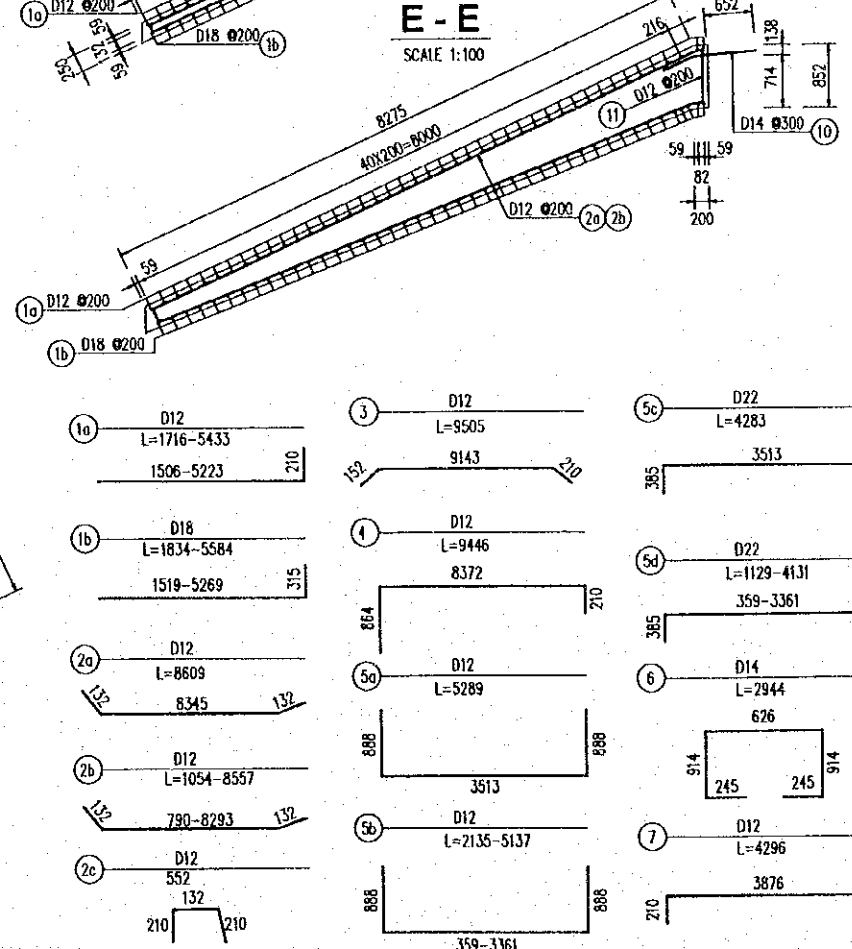
D - D

SCALE 1:100



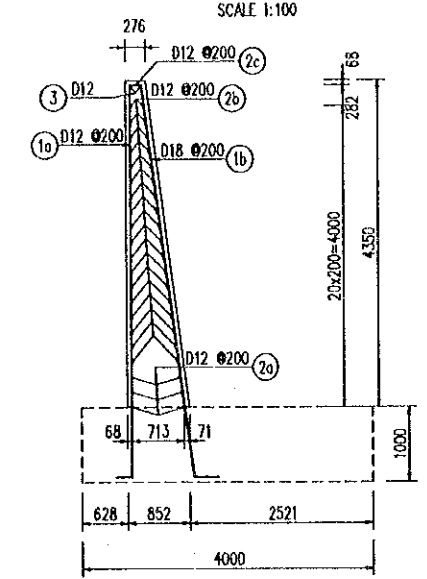
E - E

SCALE 1:100



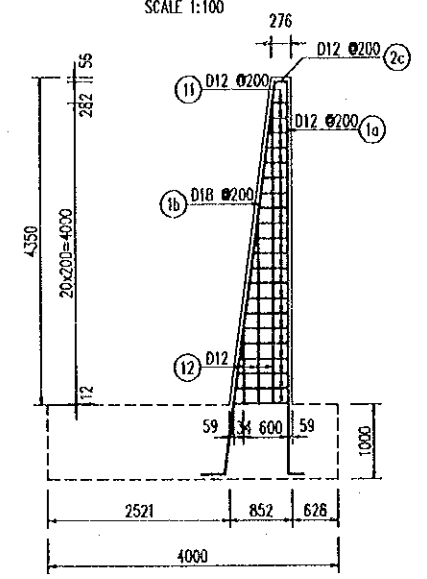
A - A

SCALE 1:100



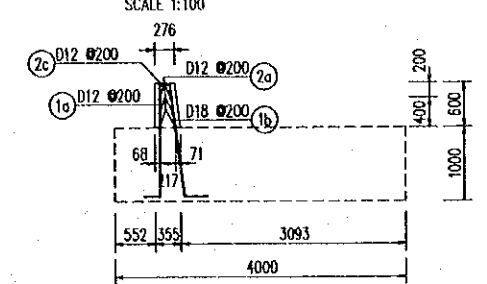
B - B

SCALE 1:100



C - C

SCALE 1:100



QUANTITIES TABLE

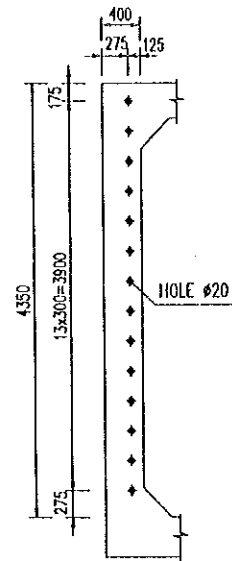
BAR MARK	UNIT LENGTH (mm)	DIAMETER (mm)	NUMBER OF BAR	UNIT WEIGHT (kg/m)	TOTAL LENGTH (m)	TOTAL WEIGHT (kg)
1a	3575	12	43	0.888	153.7	136.5
1b	3709	18	43	1.998	159.5	318.6
2a	8609	12	6	0.888	51.7	45.9
2b	4806	12	36	0.888	173.0	153.6
2c	552	12	43	0.888	23.7	21.1
3	9505	12	2	0.888	19.0	16.9
4	9446	12	38	0.888	358.9	318.7
5a	5289	12	34	0.888	179.8	159.7
5b	3636	12	15	0.888	54.5	48.4
5c	4283	22	34	2.984	145.6	434.5
5d	2630	22	15	2.984	39.5	117.7
6	2944	14	88	1.208	259.1	313.1
7	4296	12	4	0.888	17.2	15.3
8	4296	12	6	0.888	25.8	22.9
9	8372	12	6	0.888	50.2	44.6
10	1304	14	14	1.208	18.3	22.1
11	891	12	21	0.888	18.7	16.6
12	2742	12	3	0.888	8.2	7.3
CONCRETE :					40.57 m ³	
REINFORCEMENT :					D=<14	1342.4 kg
REINFORCEMENT :					14< D<=25	870.9 kg
TOTAL REINFORCEMENT :						2213.2 kg

NOTES :
1- ALL DIMENSIONS ARE IN MILLIMETER UNLESS OTHERWISE INDICATED.

PROJECT NAME DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	IMPLEMENTATION AGENCY JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	EXECUTING AGENCY SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	JICA STUDY TEAM NIPON KOEI CO.,LTD.	PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE REINFORCEMENT OF WING WALL TYPE III STATION 11+976.5	DWG NO. P3/BC/0330	
				NAME	K. Nemoto	K. Nakai			K. Enomoto
				SIGNATURE	<i>K. Nemoto</i>	<i>K. Nakai</i>			<i>K. Enomoto</i>
				DATE	20/9/2000	29/9/2000	5/10/2000		

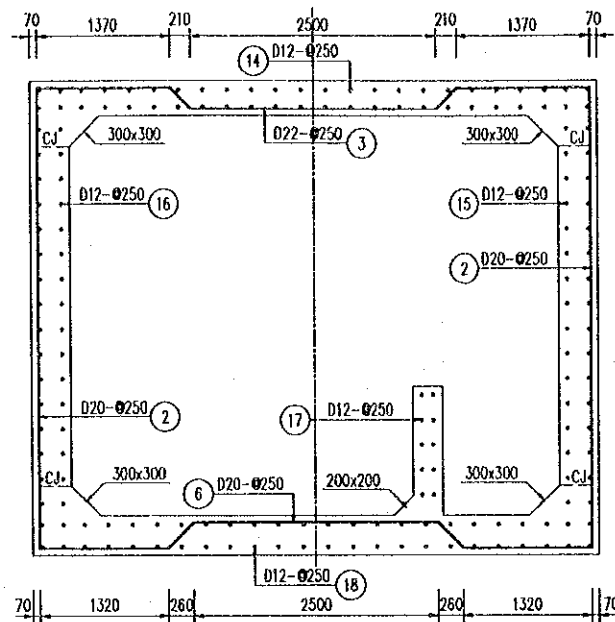
POSITION OF HOLE

(SCALE 1:75)



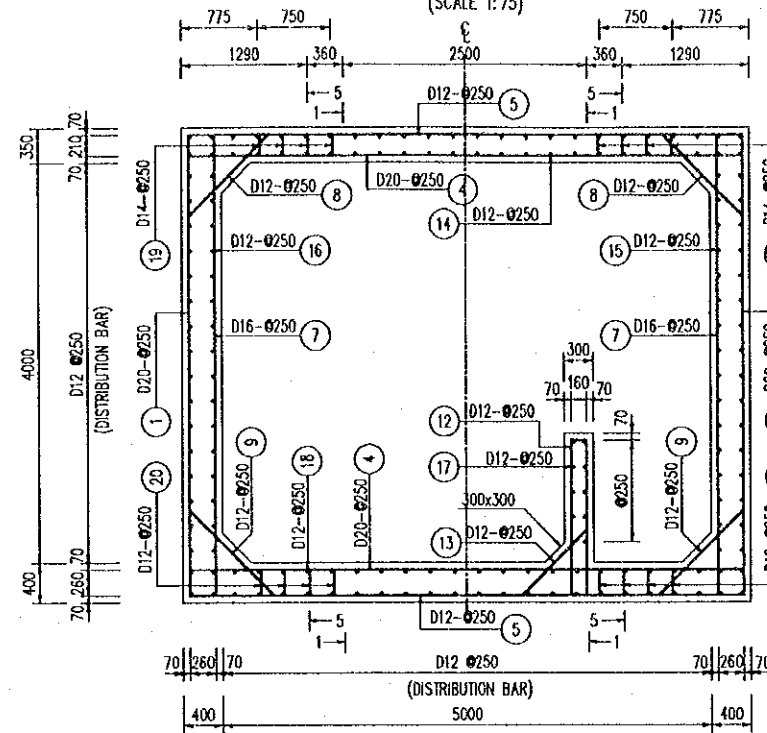
SECTION B - B

(SCALE 1:75)



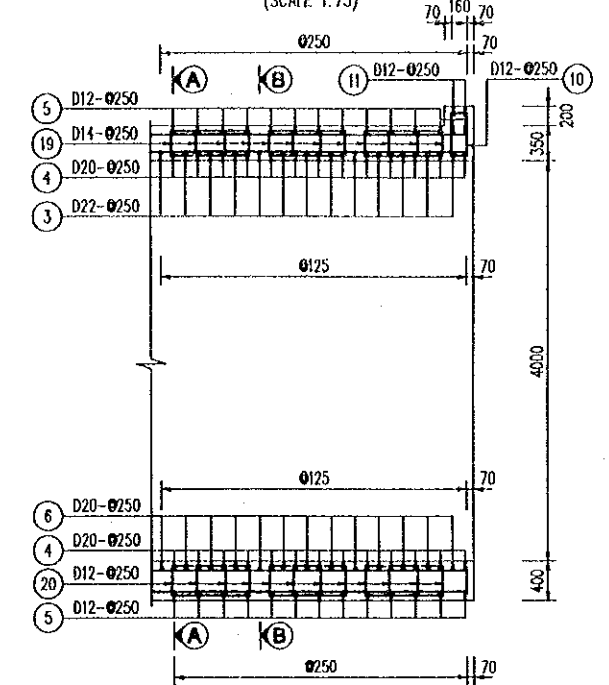
SECTION A - A

(SCALE 1:75)



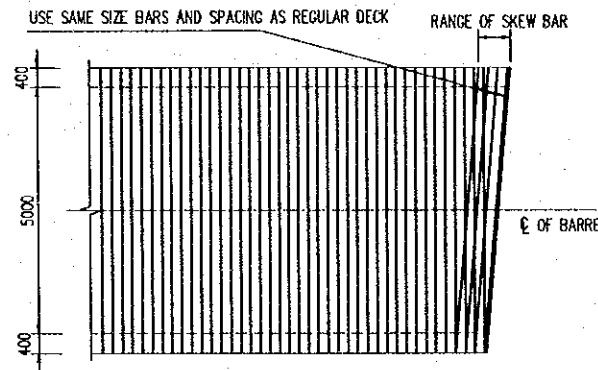
THE END OF BARREL

(SCALE 1:75)



PART PLAN

(NOT TO SCALE)

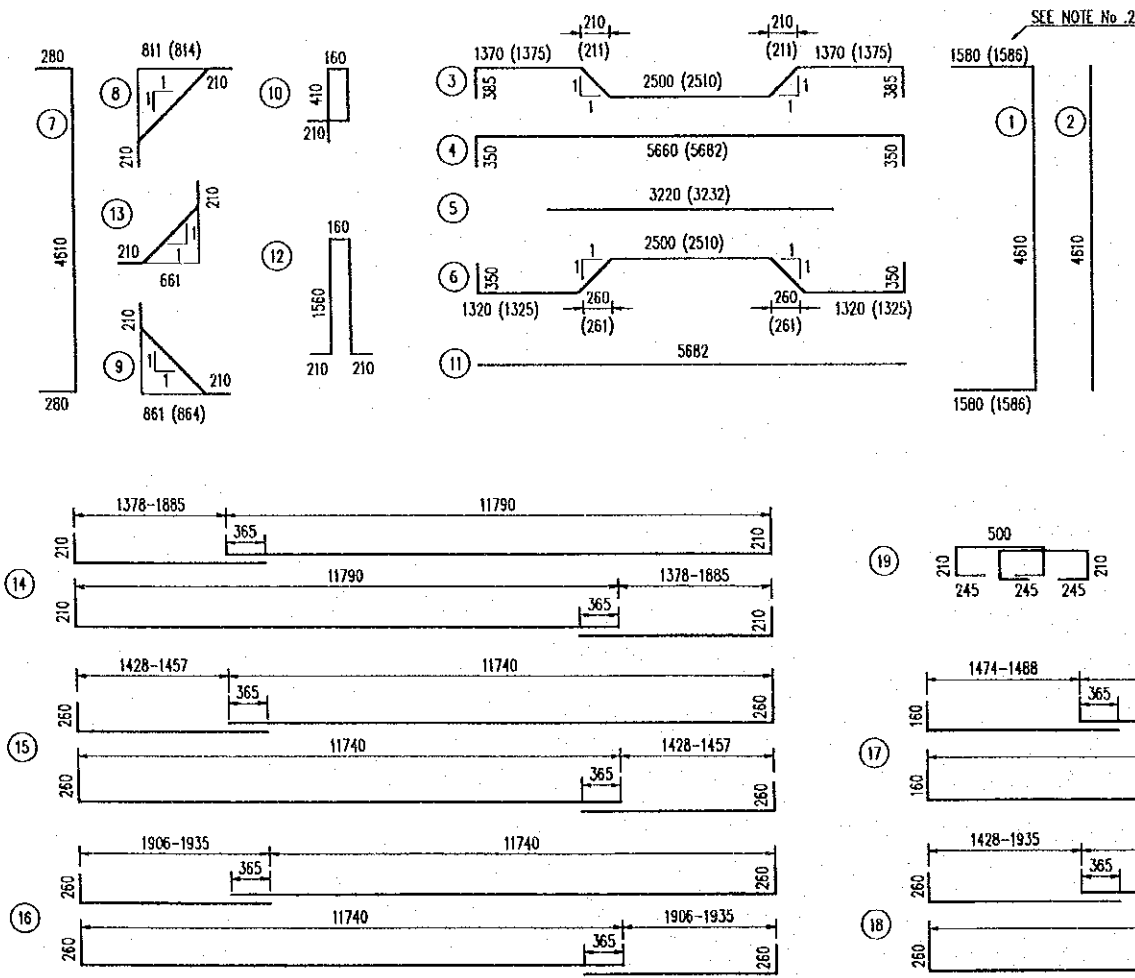


QUANTITIES TABLE

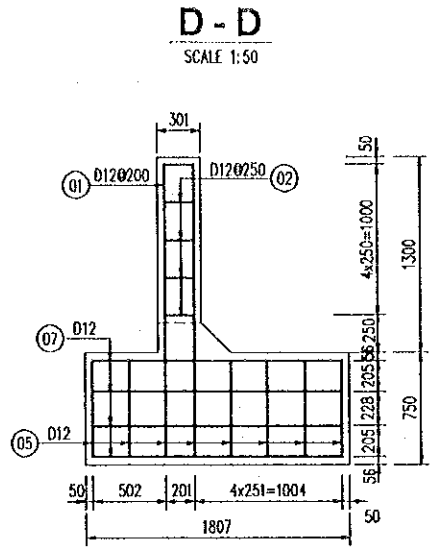
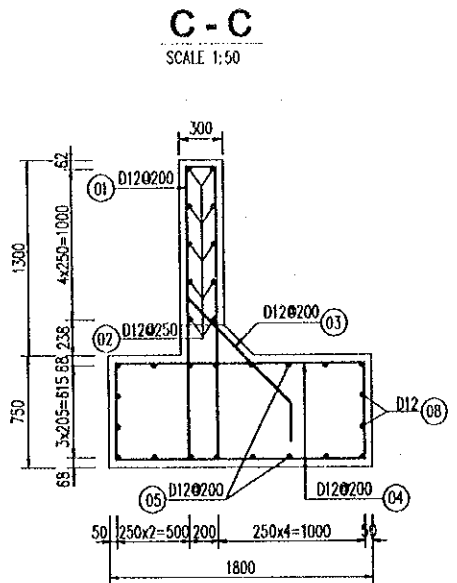
SYMBOL OF BAR	UNIT LENGTH (mm)	SPACE (mm)	DIAMETER (mm)	NUMBER OF BAR	UNIT WEIGHT (kg/m)	TOTAL LENGTH	TOTAL WEIGHT	
						(m)	(kg)	
1	a	7770	250	20	108	2.466	839.16	2069.5
	b	7782	250	20	3	2.466	23.35	57.6
2	a	4610	250	20	106	2.466	488.66	1205.1
	b	6604	250	22	53	2.984	350.01	1044.4
3	a	6627	250	22	2	2.984	13.25	39.5
	b	6360	250	20	108	2.466	686.88	1693.9
4	a	6382	250	20	3	2.466	19.15	47.2
	b	3220	250	12	108	0.888	347.76	308.7
5	a	3232	250	12	6	0.888	19.39	17.2
	b	6575	250	20	53	2.466	348.50	859.4
6	a	6598	250	20	2	2.466	13.20	32.5
	b	5170	250	16	111	1.578	573.87	905.8
7	a	1567	250	12	108	0.888	169.23	150.2
	b	1571	250	12	3	0.888	4.71	4.2
8	a	1638	250	12	108	0.888	176.87	157.0
	b	1642	250	12	3	0.888	4.93	4.4
9	a	1580	250	12	24	0.888	37.44	33.2
10	a	5682	250	12	2	0.888	11.36	10.1
11	a	3700	250	12	54	0.888	199.80	177.4
12	a	1355	250	12	54	0.888	73.16	65.0
13	a	14207	250	12	48	0.888	681.91	605.4
14	a	14068	250	12	32	0.888	450.16	399.7
15	a	14546	250	12	32	0.888	465.46	413.2
16	a	14006	250	12	10	0.888	140.06	124.3
17	a	14307	250	12	48	0.888	686.71	609.7
18	a	1410	250	14	228	1.208	321.48	388.5
19	a	1440	250	12	228	0.888	328.32	291.5
TOTAL FOR 1 SEGMENT						CONCRETE :	110.74 m ³	REINFORCEMENT : 11714.8 kg
TOTAL FOR THE WHOLE OF CULVERT						CONCRETE :	221.48 m ³	REINFORCEMENT : 23429.7 kg

NOTE :

- ALL DIMENSIONS ARE IN MILLIMETER UNLESS OTHERWISE INDICATED.
- THE VALUE IN PARENTHESIS ARE USED FOR SKEW BARS AT THE ENDS OF CULVERT.
- THE SKEW BARS ARE NOTATED BY CHARACTER "b" IN THE QUANTITIES TABLE.
- DIRECTION OF CULVERT AND LENGTH OF SEGMENT SEE GENERAL VIEW DRAWING.

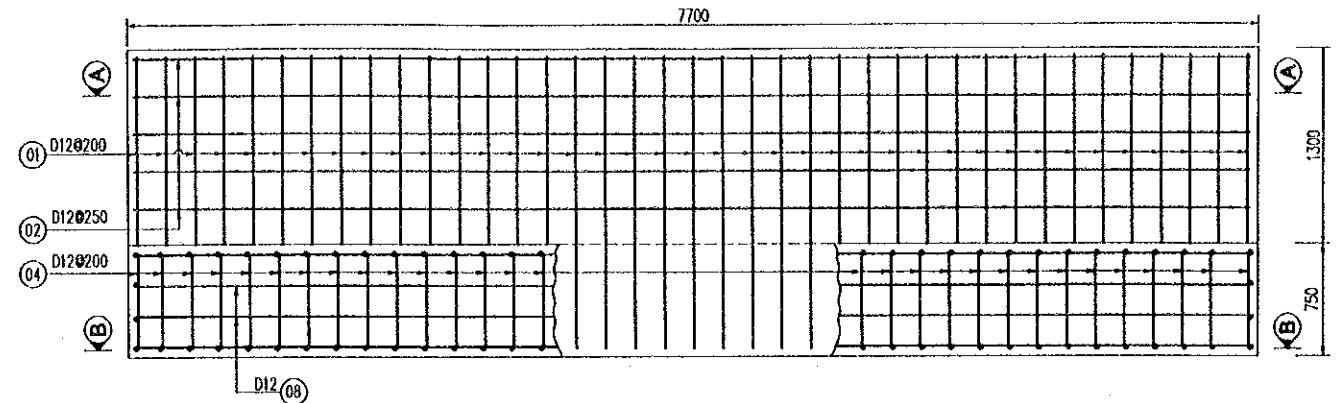


PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM	PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	(NK) NIPPON KOBİ CO.,LTD.	NAME: K. Nemoto SIGNATURE: <i>K. Nemoto</i> DATE: 20/9/2000	NAME: K. Nakai SIGNATURE: <i>K. Nakai</i> DATE: 29/9/2000	NAME: K. Enomoto SIGNATURE: <i>K. Enomoto</i> DATE: 5/10/2000	REINFORCEMENT OF CULVERT STATION 11+976.5	P3/BC/0340



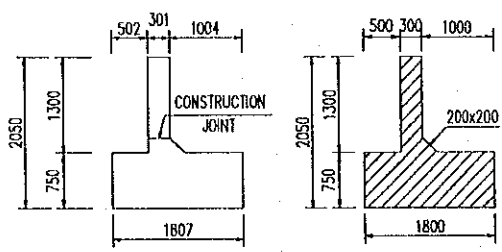
REINFORCEMENT OF RETAINING WALL

SCALE 1:50



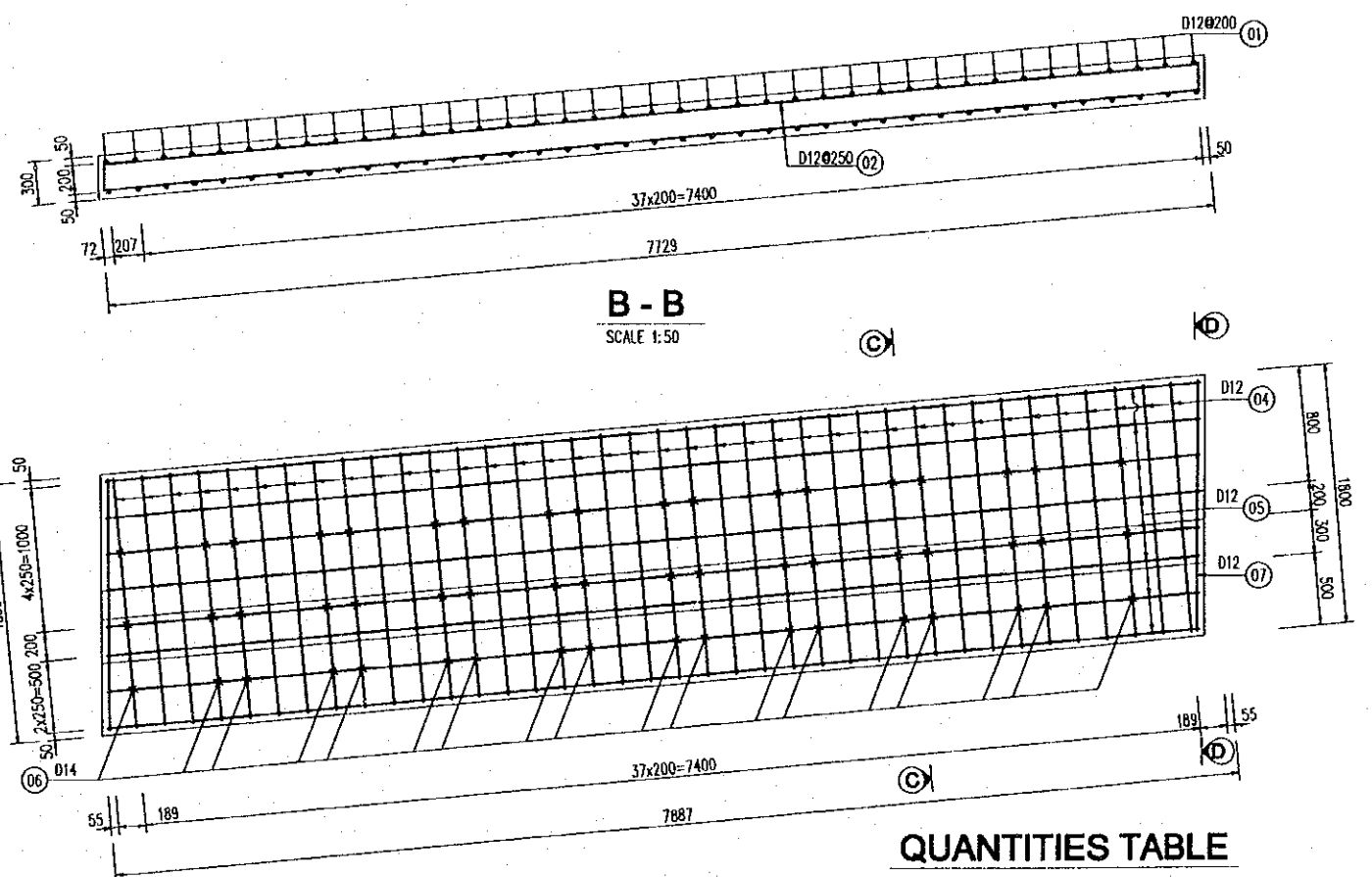
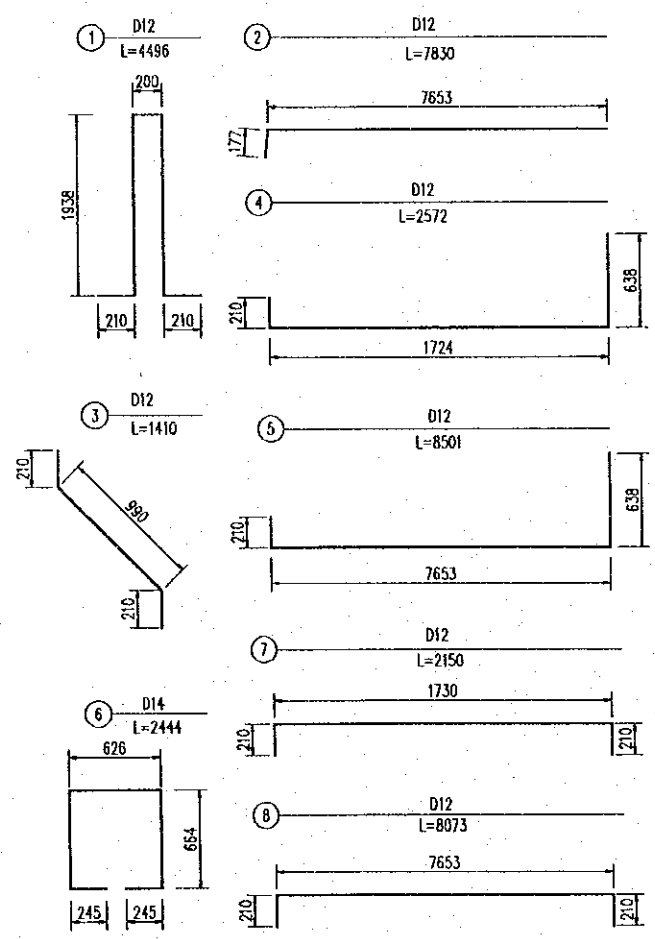
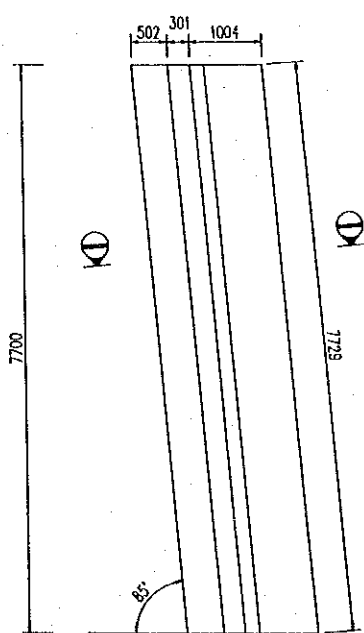
RETAINING WALL I-I

SCALE 1:100



PLAN

SCALE 1:100



QUANTITIES TABLE

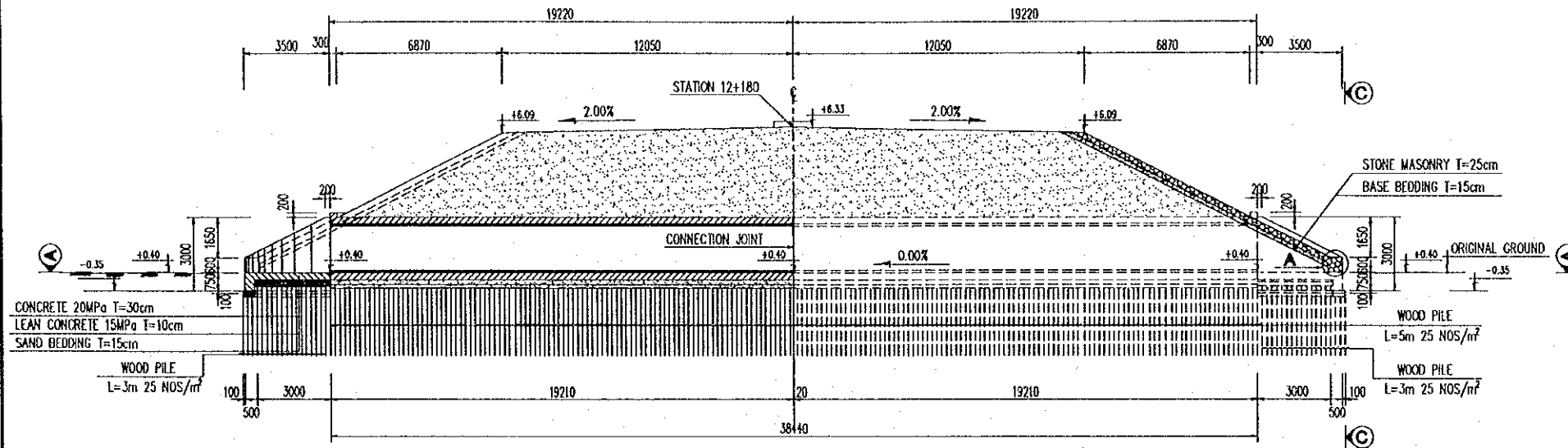
SYMBOL OF BAR	UNIT LENGTH (mm)	DIAMETER (mm)	NUMBER OF BAR	UNIT WEIGHT (kg/m)	TOTAL LENGTH (m)	TOTAL WEIGHT (kg)
1	4496	12	39	0.888	175.3	155.7
2	7830	12	10	0.888	78.3	69.5
3	1410	12	39	0.888	55.0	48.8
4A	2572	12	76	0.888	195.5	173.5
5	8501	12	16	0.888	138.0	120.8
6	2444	14	27	1.208	66.0	79.7
7	2150	12	8	0.888	17.2	15.3
8	8073	12	4	0.888	32.3	28.7
CONCRETE :				13.60 m ³		
REINFORCEMENT :				D<14		692.0 kg
REINFORCEMENT :				14<D<=25		0.0 kg
TOTAL REINFORCEMENT :						692.0 kg

NOTES :
1- ALL DIMENSIONS ARE IN MILLIMETER UNLESS OTHERWISE INDICATED.

PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM	PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	NIPON KOEI CO.,LTD.	K. Nemoto	K. Nakai	K. Enomoto	REINFORCEMENT OF RETAINING WALL STATION 11+976.5	P3/BC/0350
				DATE: 20/9/2000	DATE: 29/9/2000	DATE: 5/10/2000		

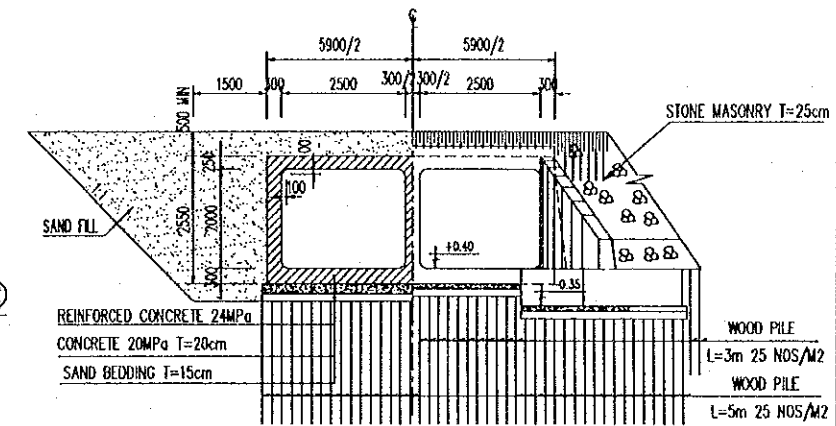
BOX CULVERT FOR DRAINAGE (STATION 12+180)

PROFILE
SCALE 1:250



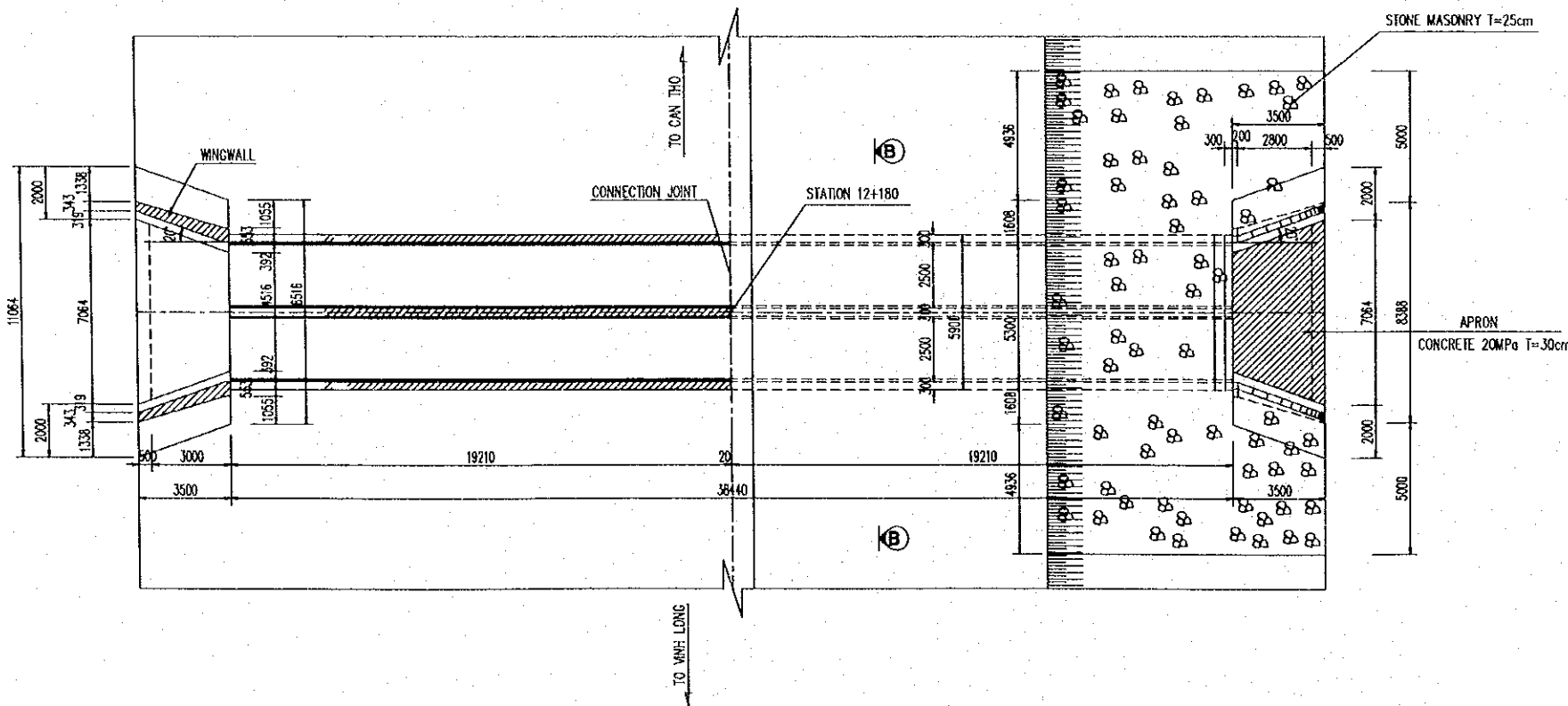
SECTION
SCALE 1:150

1/2 B-B 1/2 C-C



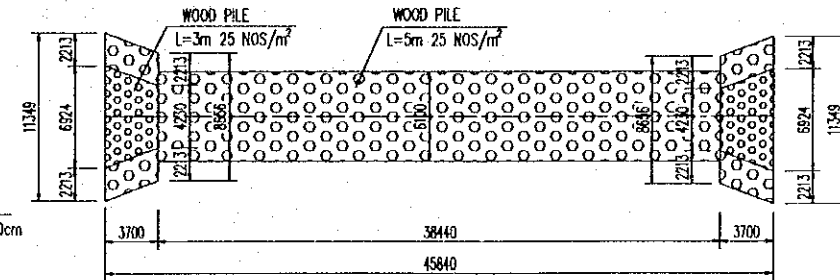
1/2 A-A
SCALE 1:250

1/2 PLAN
SCALE 1:250



PLAN LAYOUT OF WOOD PILE

SCALE 1:500

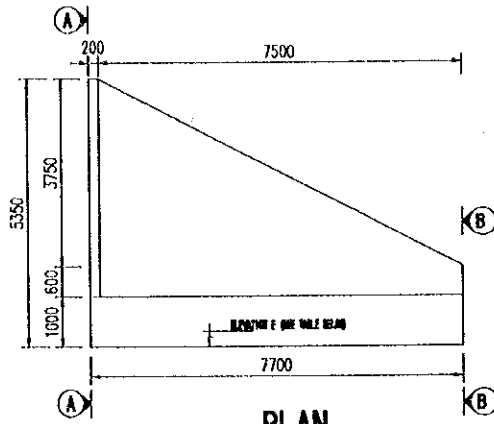


- NOTES:**
- 1- ALL DIMENSIONS ARE IN MILLIMETER UNLESS OTHERWISE INDICATED.
 - 2- ELEVATIONS ARE IN METERS IN REFERENCE TO THE NATIONAL DATUM LEVEL.
 - 3- WINGWALL IS SIMILAR TO BOX CULVERT AT STATION 7+950 - DRAWING No P3/BC/0100.
 - 4- DETAIL A IS SHOWN IN THE DOCUMENT OF APPROACH ROAD - DRAWING No P3/MS/0190.

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 KOBEI CO.,LTD.	NAME: K. Nemoto SIGNATURE: <i>K. Nemoto</i> DATE: 20/9/2000	NAME: K. Nakai SIGNATURE: <i>K. Nakai</i> DATE: 29/9/2000	NAME: K. Enomoto SIGNATURE: <i>K. Enomoto</i> DATE: 5/10/2000	GENERAL VIEW OF BOX CULVERT STATION 12 + 180	P3/BC/0360

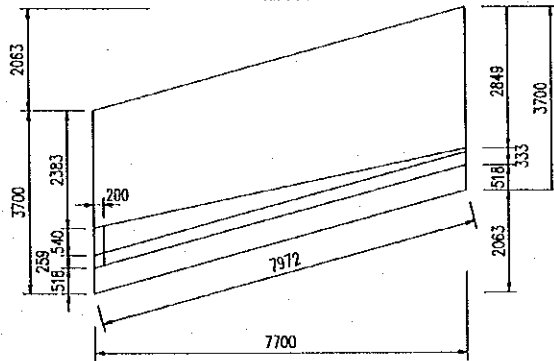
WING WALL TYPE I

SCALE 1:100



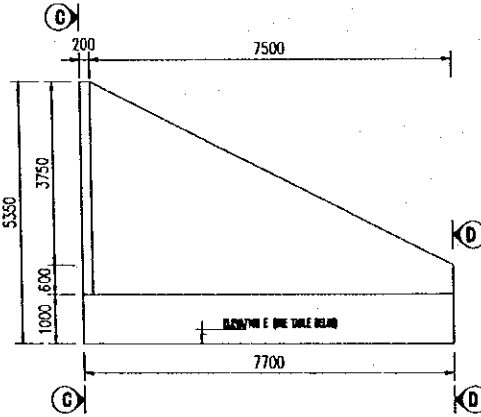
PLAN

SCALE 1:100



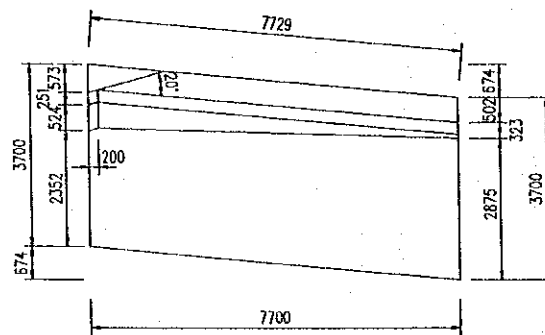
WING WALL TYPE II

SCALE 1:100



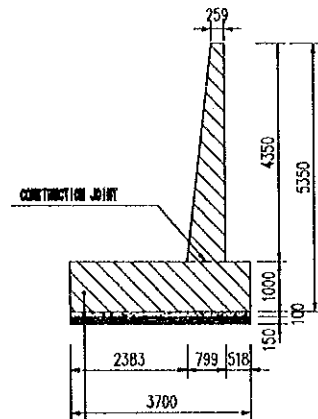
PLAN

SCALE 1:100



A - A

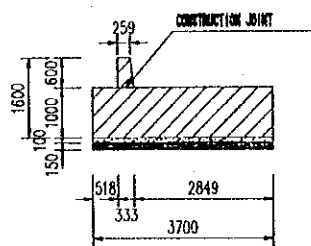
SCALE 1:100



REINFORCED CONCRETE 20MPa T-10mm
LEAN CONCRETE 10MPa T-10mm
SAND BED/DIR T-15mm

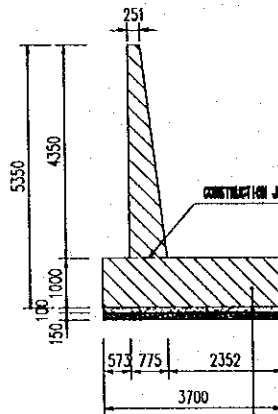
B - B

SCALE 1:100



C - C

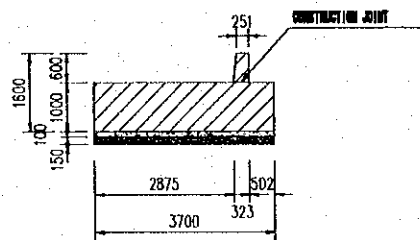
SCALE 1:100



REINFORCED CONCRETE 20MPa T-10mm
LEAN CONCRETE 10MPa T-10mm
SAND BED/DIR T-15mm

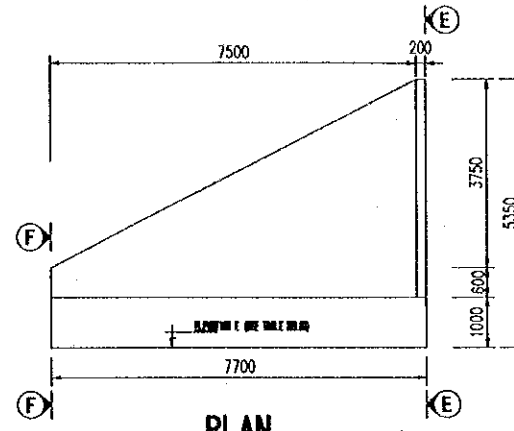
D - D

SCALE 1:100



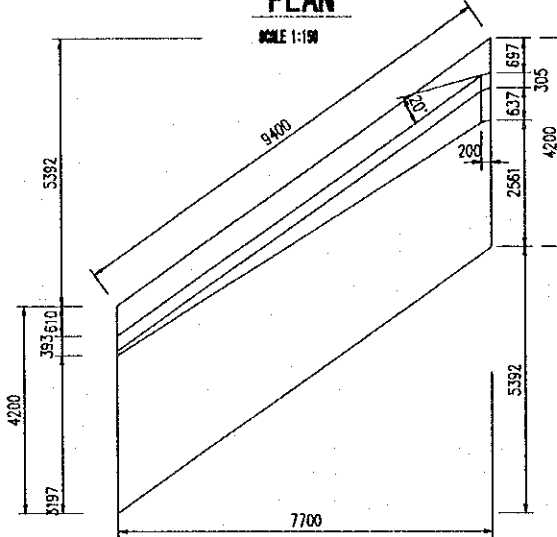
WING WALL TYPE III

SCALE 1:100



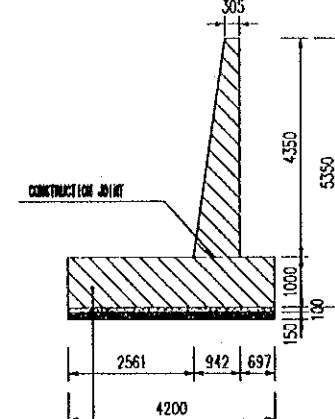
PLAN

SCALE 1:100



E - E

SCALE 1:100



REINFORCED CONCRETE 20MPa T-10mm
LEAN CONCRETE 10MPa T-10mm
SAND BED/DIR T-15mm

F - F

SCALE 1:100

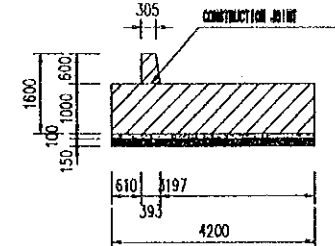


TABLE OF ELEVATION E

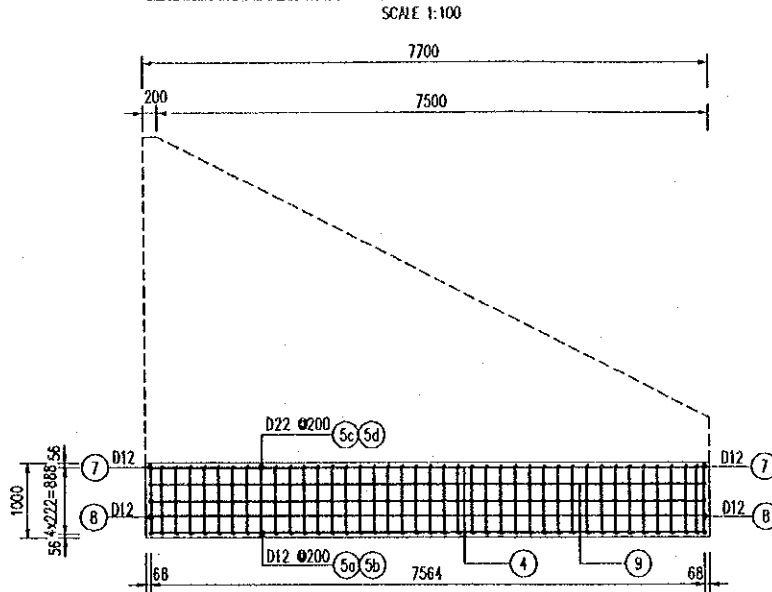
No	STATION	ELEVATION
01	12+592.5	-1.06
02	14+247	-0.63

NOTES :

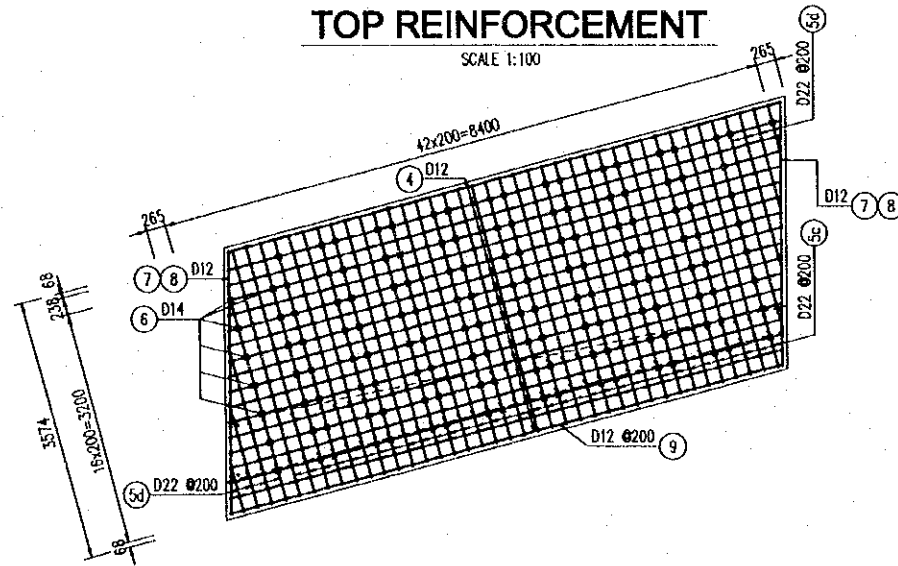
- 1- ALL DIMENSIONS ARE IN MILLIMETER UNLESS OTHERWISE INDICATED.
- 2- POSITION OF WING WALL SEE GENERAL VIEW DRAWING.
- 3- THIS DRAWING IS USED FOR BOX CULVERTS AT STATIONS IN THE ABOVE TABLE.

PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM	PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	(NK) NIPPON KOEI CO.,LTD.	NAME: K. Nemoto SIGNATURE: <i>K. Nemoto</i> DATE: 20/9/2000	NAME: K. Nakai SIGNATURE: <i>K. Nakai</i> DATE: 29/9/2000	NAME: K. Enomoto SIGNATURE: <i>K. Enomoto</i> DATE: 5/10/2000	GENERAL VIEW OF WING WALL STATION 12+592.5	P3/BC/0390

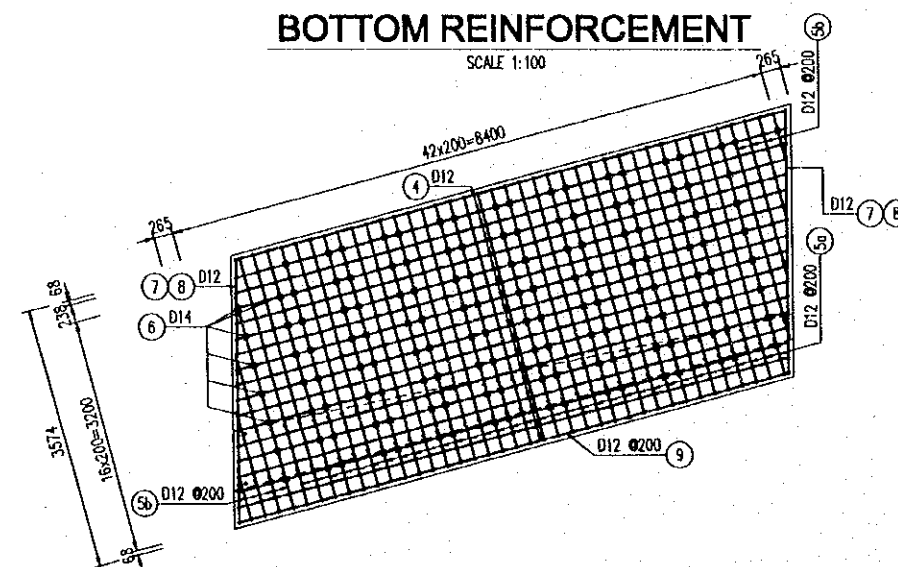
REINFORCEMENT OF FOOTING



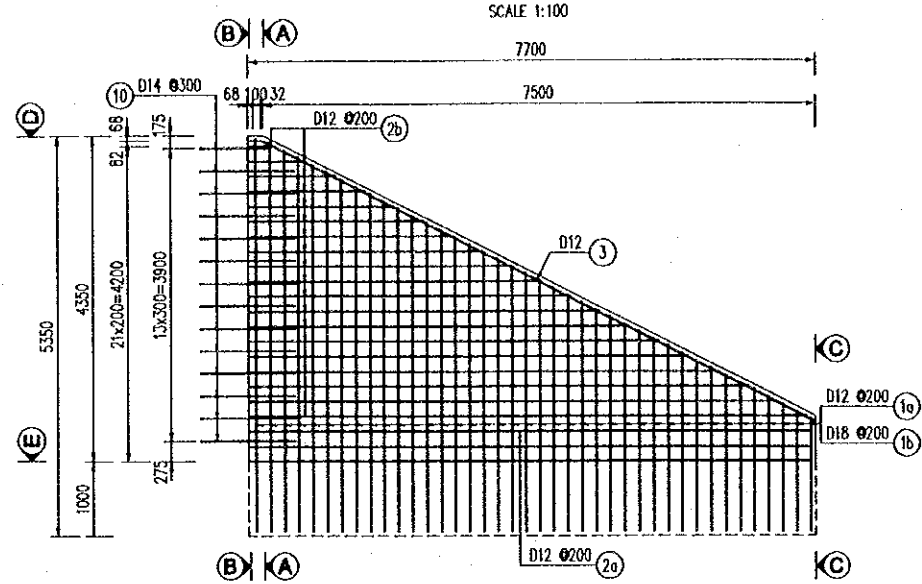
TOP REINFORCEMENT



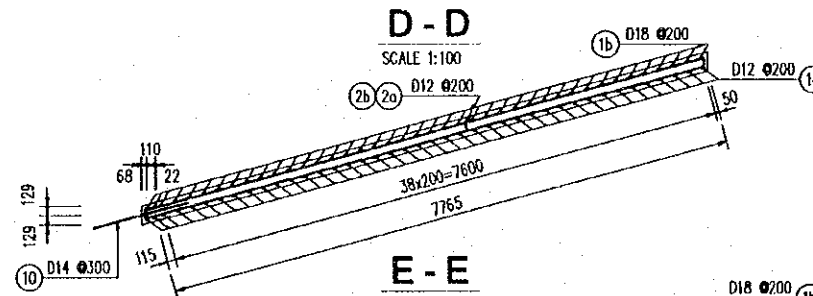
BOTTOM REINFORCEMENT



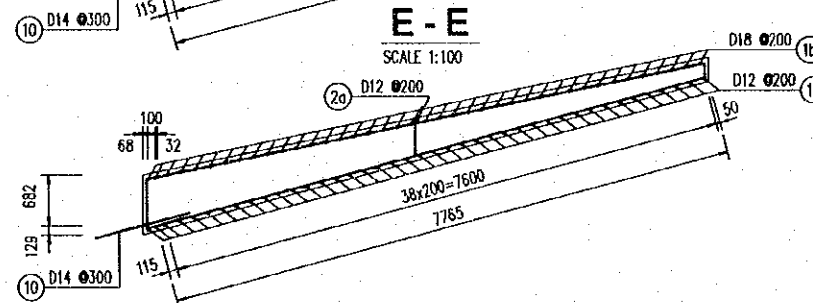
REINFORCEMENT OF WING WALL TYPE I



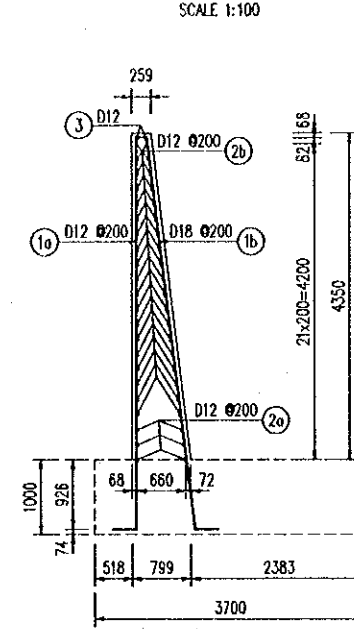
D - D



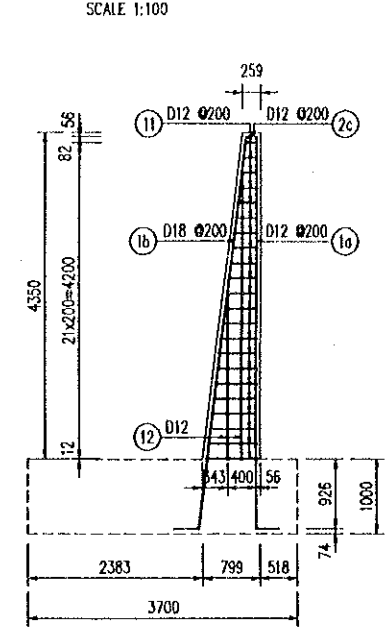
E - E



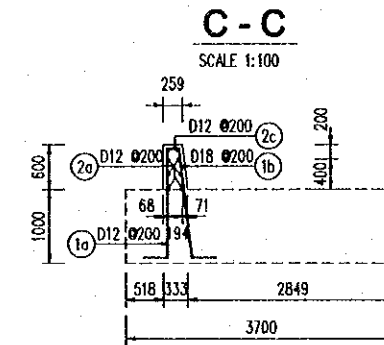
A - A



B - B



C - C



No	STATION
01	12+592.5
02	14+247

QUANTITIES TABLE

BAR MARK	UNIT LENGTH (mm)	DIAMETER (mm)	NUMBER OF BAR	UNIT WEIGHT (kg/m)	TOTAL LENGTH (m)	TOTAL WEIGHT (kg)
1a	3555	12	41	0.888	145.8	129.4
1b	3686	18	41	1.998	151.1	301.8
2a	7977	12	6	0.888	47.9	42.5
2b	4192	12	38	0.888	159.3	141.4
2c	584	12	41	0.888	23.9	21.3
3	9022	12	2	0.888	18.0	16.0
4	8930	12	36	0.888	321.5	285.4
5a	5238	12	35	0.888	183.3	162.8
5b	3611	12	8	0.888	28.9	25.6
5c	4232	22	35	2.984	148.1	442.0
5d	2605	22	8	2.984	20.8	62.2
6	2944	14	72	1.208	212.0	256.1
7	4004	12	4	0.888	16.0	14.2
8	4004	12	4	0.888	24.0	21.3
9	7856	12	6	0.888	47.1	41.8
10	1304	14	14	1.208	18.3	22.1
11	857	12	22	0.888	18.8	16.7
12	3317	12	2	0.888	6.6	5.9
CONCRETE :				37.33 m ³		
REINFORCEMENT :				D<14	1202.6 kg	
REINFORCEMENT :				14< D<=25	806.0 kg	
TOTAL REINFORCEMENT :					2008.7 kg	

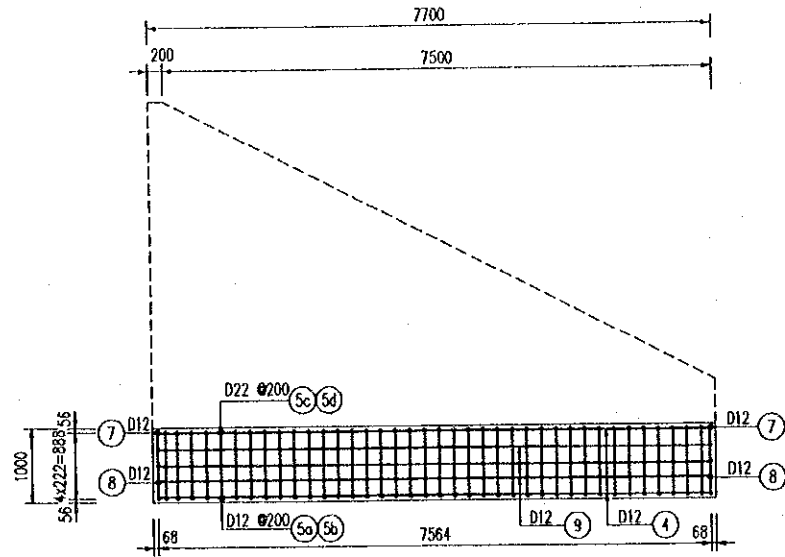
NOTES :

- ALL DIMENSIONS ARE IN MILLIMETER UNLESS OTHERWISE INDICATED.
- THIS WING WALL IS USED FOR BOX CULVERTS AT STATIONS IN THE ABOVE TABLE.

PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM	PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	(NK) NIPPON KOEI CO.,LTD.	K. Nemoto	K. Nakai	K. Enomoto	REINFORCEMENT OF WING WALL TYPE I STATION 12+592.5	P3/BC/0400
				DATE: 20/9/2000	DATE: 29/9/2000	DATE: 5/10/2000		

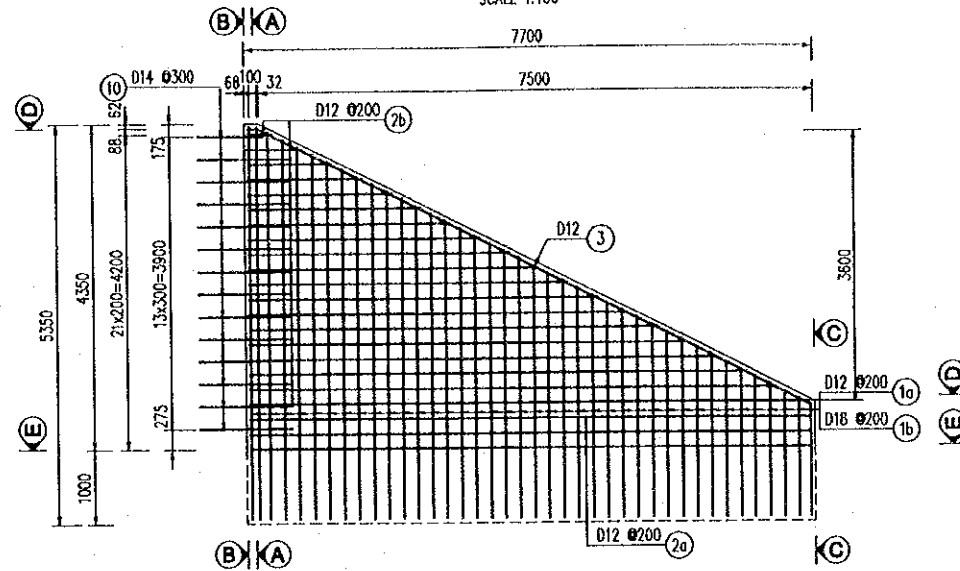
REINFORCEMENT OF FOOTING

SCALE 1:100

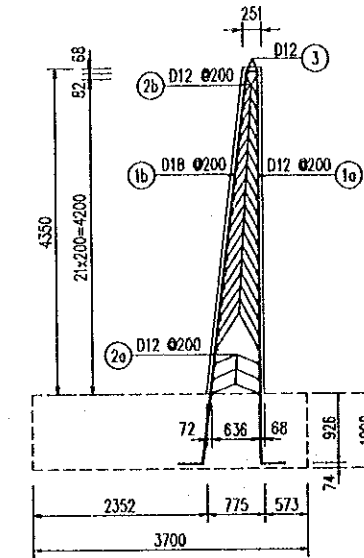


REINFORCEMENT OF WING WALL TYPE II

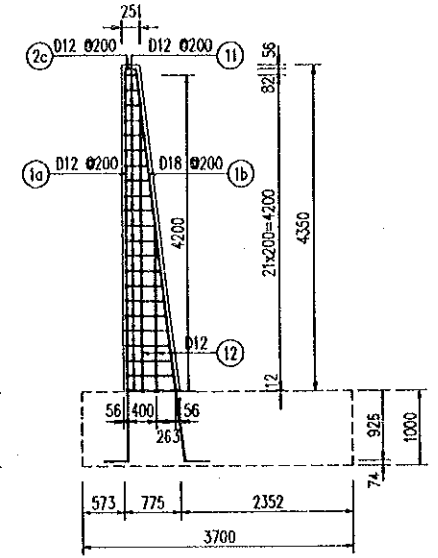
SCALE 1:100



A-A
SCALE 1:100

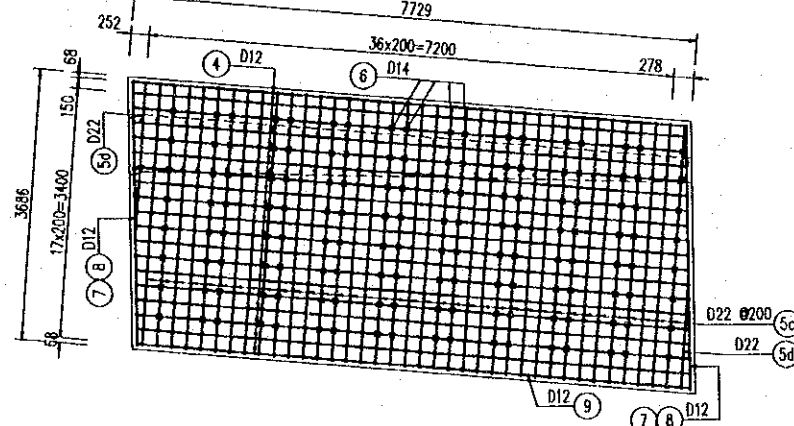


B-B
SCALE 1:100



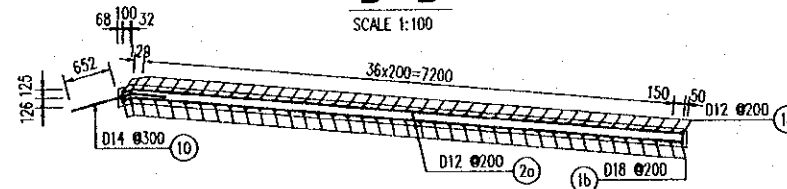
TOP REINFORCEMENT

SCALE 1:100



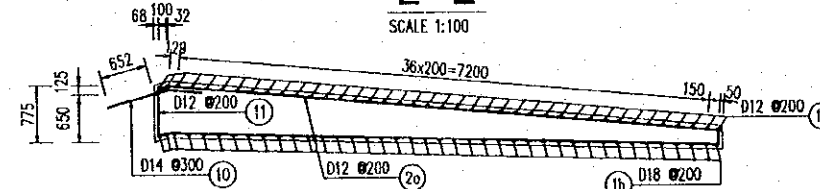
D-D

SCALE 1:100



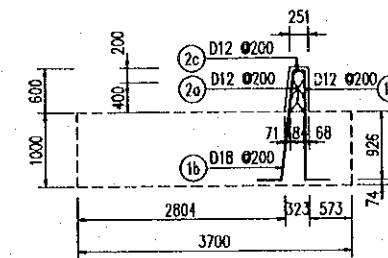
E-E

SCALE 1:100



C-C

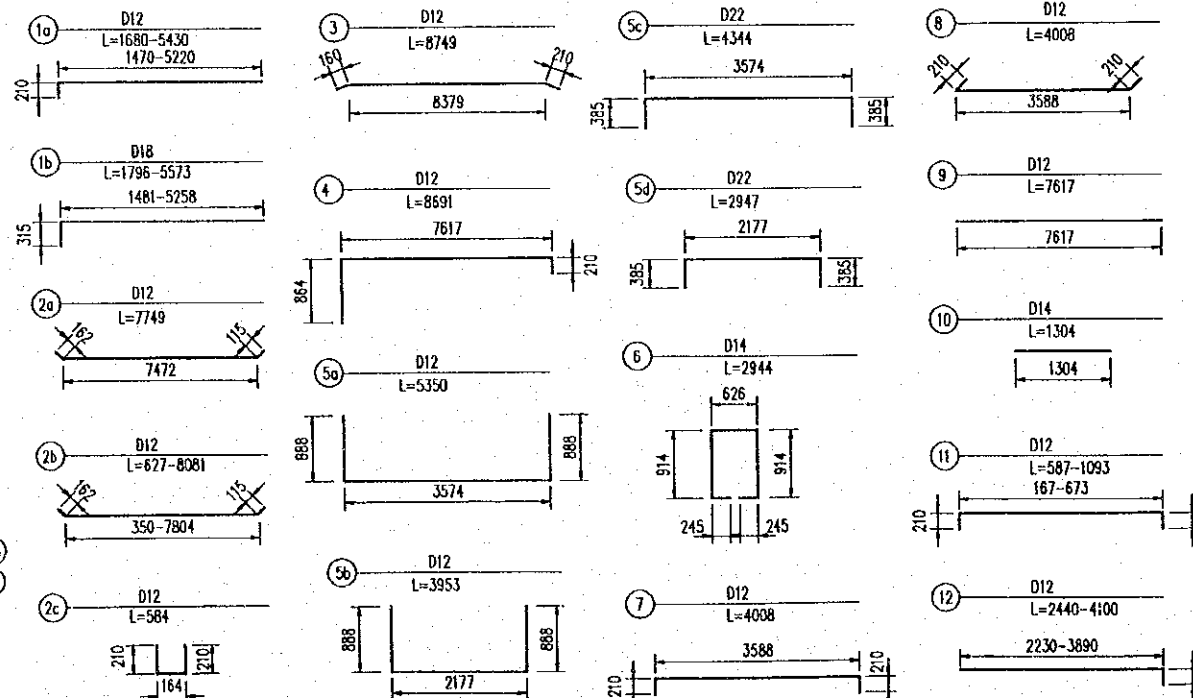
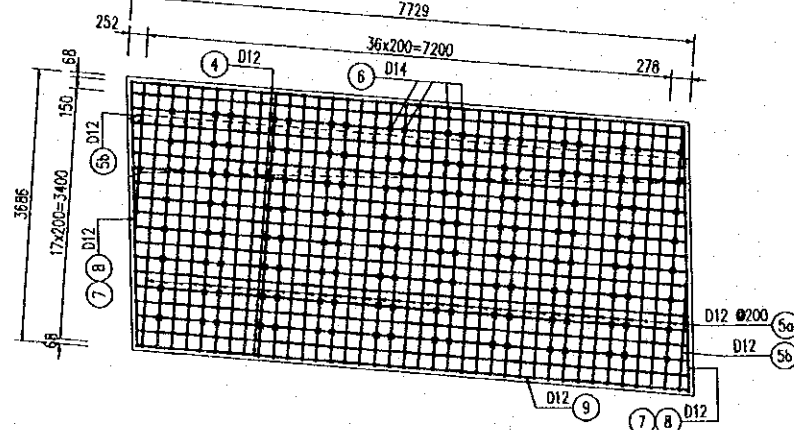
SCALE 1:100



No	STATION
01	12+592.5
02	14+247

BOTTOM REINFORCEMENT

SCALE 1:100



QUANTITIES TABLE

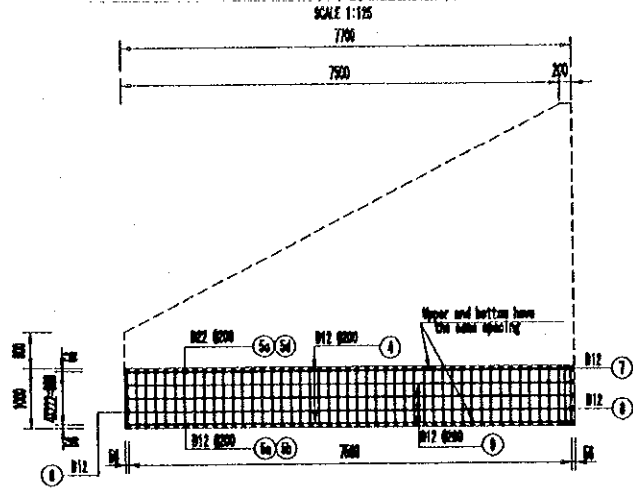
BAR MARK	UNIT LENGTH (mm)	DIAMETER (mm)	NUMBER OF BAR	UNIT WEIGHT (kg/m)	TOTAL LENGTH (m)	TOTAL WEIGHT (kg)
1a	3555	12	40	0.888	142.2	126.2
1b	3685	18	40	1.998	147.4	294.4
2a	7749	12	6	0.888	46.5	41.3
2b	4354	12	38	0.888	165.5	146.9
2c	584	12	40	0.888	23.4	20.7
3	8749	12	2	0.888	17.5	15.5
4	8691	12	38	0.888	330.3	293.2
5a	5350	12	37	0.888	198.0	175.7
5b	3953	12	2	0.888	7.9	7.0
5c	4344	22	37	2.984	160.7	479.6
5d	2947	22	2	2.984	5.9	17.6
6	2944	14	72	1.208	212.0	256.1
7	4008	12	4	0.888	16.0	14.2
8	4008	12	6	0.888	24.0	21.4
9	7617	12	6	0.888	45.7	40.6
10	1304	14	14	1.208	18.3	22.1
11	840	12	22	0.888	18.5	16.4
12	3270	12	2	0.888	6.5	5.8
CONCRETE : 36.91 m ³					REINFORCEMENT : D<=14	1203.2 kg
					REINFORCEMENT : 14< D<=25	791.6 kg
					TOTAL REINFORCEMENT :	1994.8 kg

NOTES:

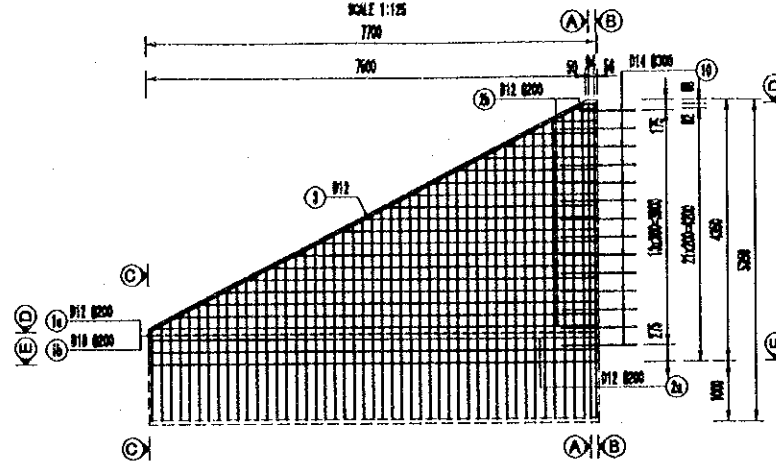
- ALL DIMENSIONS ARE IN MILLIMETER UNLESS OTHERWISE INDICATED.
- THIS WING WALL IS USED FOR BOX CULVERTS AT STATIONS IN THE ABOVE TABLE.

PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM	PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	(NK) NIPPON KOBİ CO.,LTD.	NAME: K. Nemoto SIGNATURE: <i>K. Nemoto</i> DATE: 20/9/2000	NAME: K. Nakai SIGNATURE: <i>K. Nakai</i> DATE: 29/9/2000	NAME: K. Enomoto SIGNATURE: <i>K. Enomoto</i> DATE: 5/10/2000	REINFORCEMENT OF WING WALL TYPE II STATION 12+592.5	P3/BC/0410

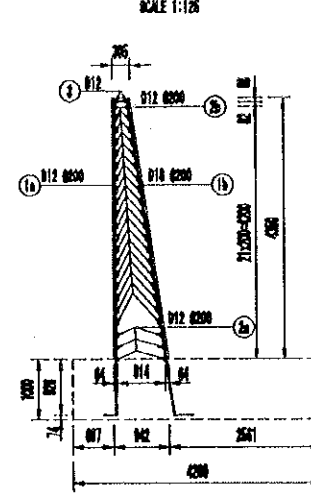
REINFORCEMENT OF FOOTING



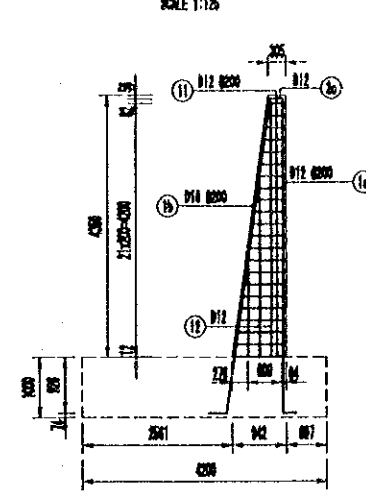
REINFORCEMENT OF WING WALL TYPE III



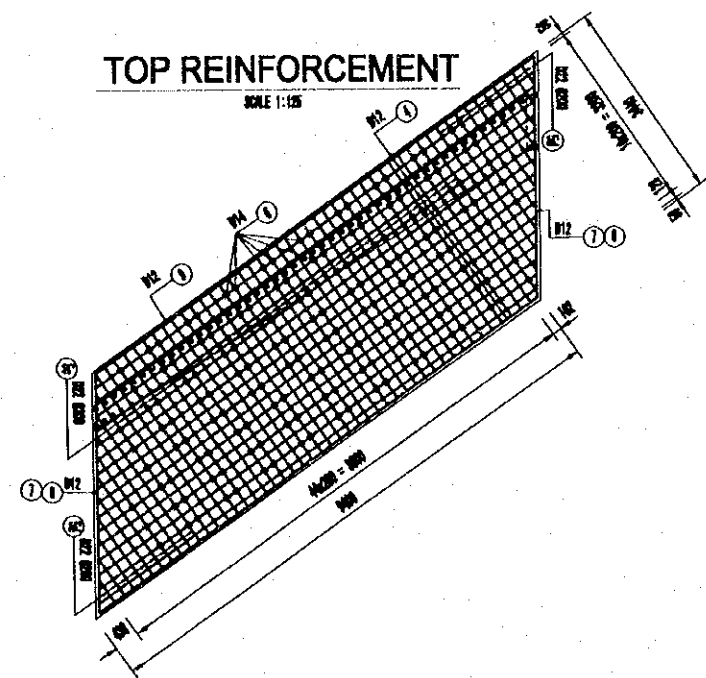
A - A



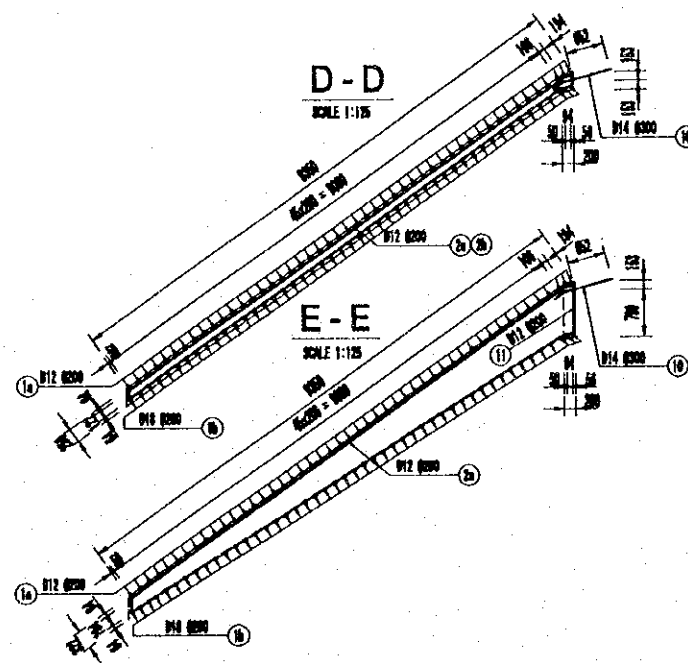
B - B



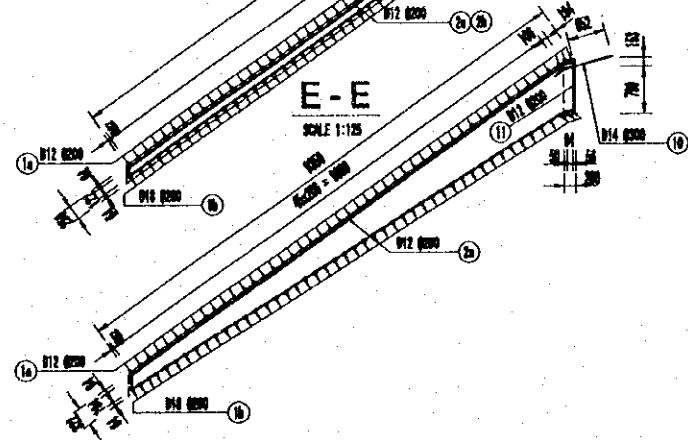
TOP REINFORCEMENT



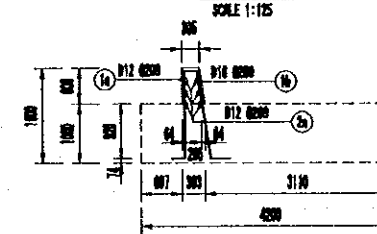
D - D



E - E

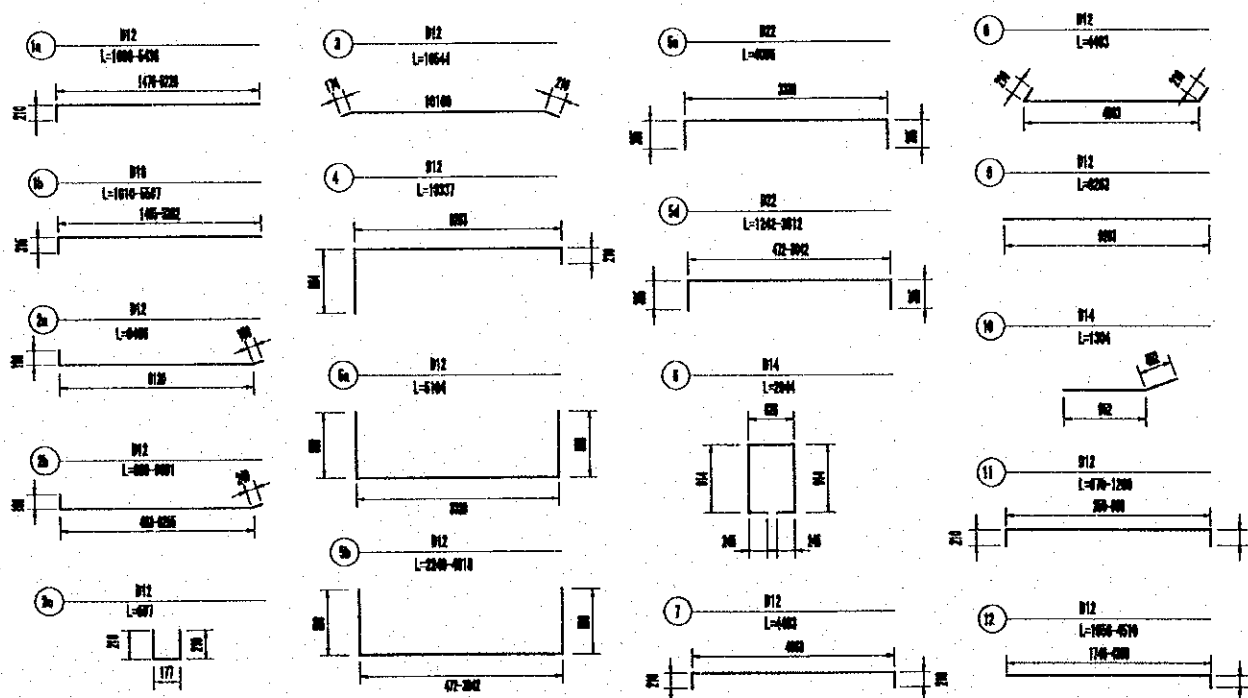
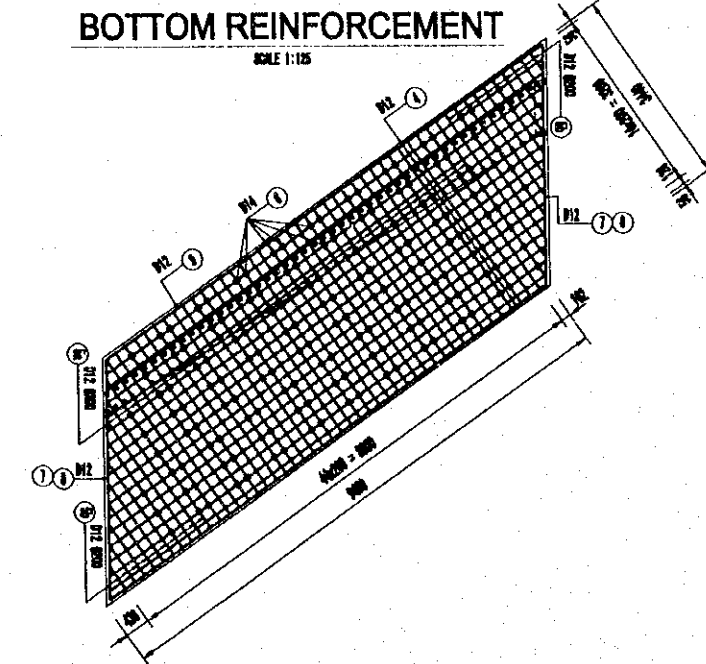


C - C



No	STATION
01	12+592.5
02	14+247

BOTTOM REINFORCEMENT



QUANTITIES TABLE

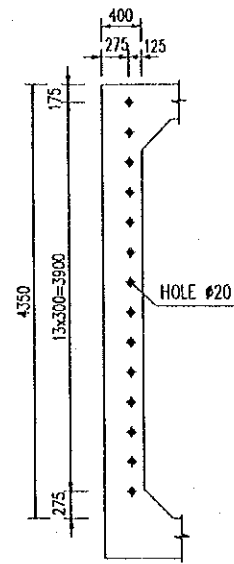
BAR MARK	UNIT LENGTH (m)	DIAMETER (mm)	NUMBER OF BAR	UNIT WEIGHT (kg/m)	TOTAL LENGTH (m)	TOTAL WEIGHT (kg)
1a	3541	12	40	0.888	170.9	151.0
1b	3704	10	40	1.000	177.6	155.1
2a	6400	12	6	0.888	58.8	50.4
2b	6296	12	30	0.888	561.2	170.6
2c	587	12	40	0.888	23.7	25.4
3	10544	12	2	0.888	21.1	18.7
4	10207	12	34	0.888	351.5	312.0
5a	6104	12	35	0.888	170.6	150.6
5b	3535	12	30	0.888	70.7	62.7
5c	4000	22	35	2.904	143.4	420.0
5d	2527	22	30	2.904	80.5	198.0
6	2844	14	80	1.200	236.6	294.0
7	4403	12	4	0.888	17.0	15.0
8	4403	12	6	0.888	26.0	22.0
9	6203	12	6	0.888	56.0	48.3
10	1304	14	14	1.200	16.2	22.1
11	676	12	22	0.888	21.6	18.0
12	2220	12	3	0.888	9.7	8.6
CONCRETE	42.70 m ³		REINFORCEMENT		9C-14	1201.0 kg
			REINFORCEMENT		14C 14-25	390.0 kg
			TOTAL REINFORCEMENT :			2316.7 kg

NOTES:
 1- ALL DIMENSIONS ARE IN MILLIMETER UNLESS OTHERWISE INDICATED.
 2- THIS DRAWING IS USED FOR BAR CHECKERS AT STATIONS IN THE ABOVE TABLE.

PROJECT NAME DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	IMPLEMENTATION AGENCY JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	EXECUTING AGENCY SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	JICA STUDY TEAM NIPPON KORI CO.,LTD.	PREPARED BY NAME: K. Nemoto SIGNATURE: <i>K. Nemoto</i> DATE: 20/9/2000	CHECKED BY NAME: K. Nakai SIGNATURE: <i>K. Nakai</i> DATE: 29/9/2000	APPROVED BY NAME: K. Enomoto SIGNATURE: <i>K. Enomoto</i> DATE: 5/10/2000	DRAWING TITLE REINFORCEMENT OF WING WALL TYPE III STATION 12+592.5	DWG NO. P3/BC/0420
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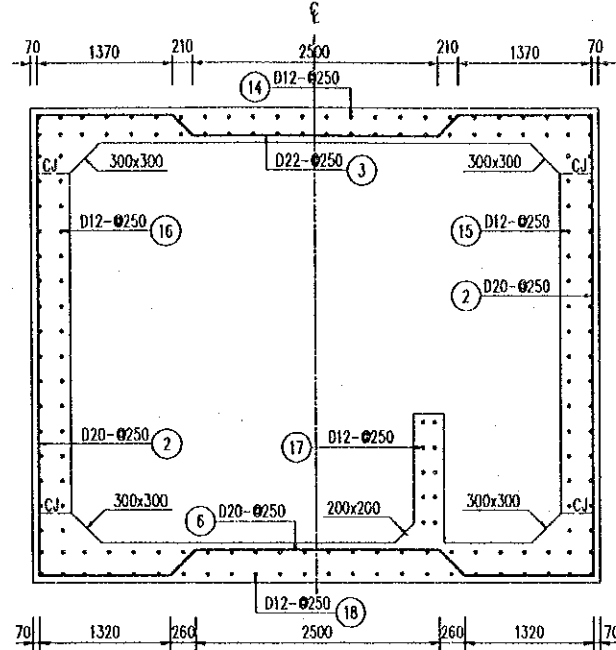
POSITION OF HOLE

(SCALE 1:75)



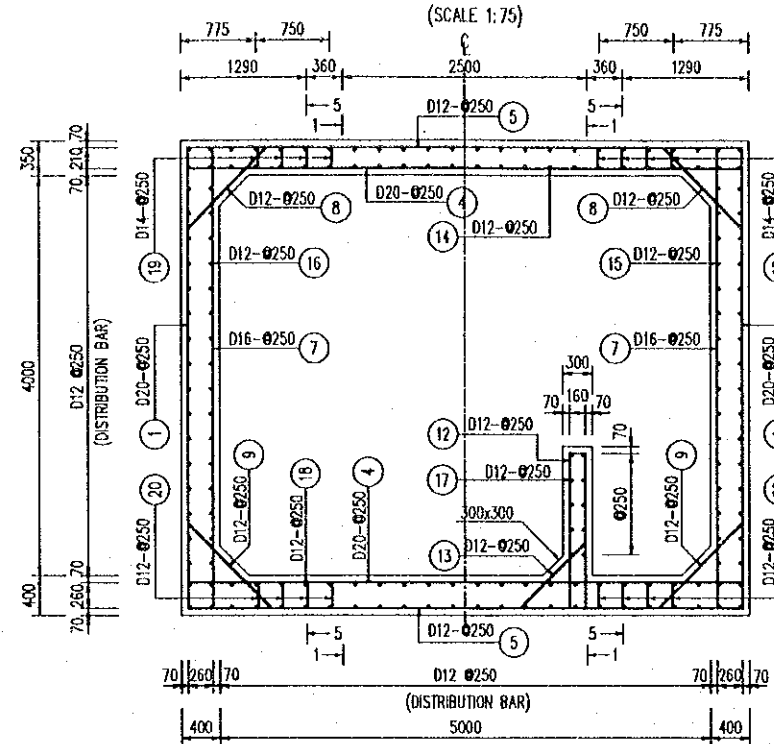
SECTION B - B

(SCALE 1:75)



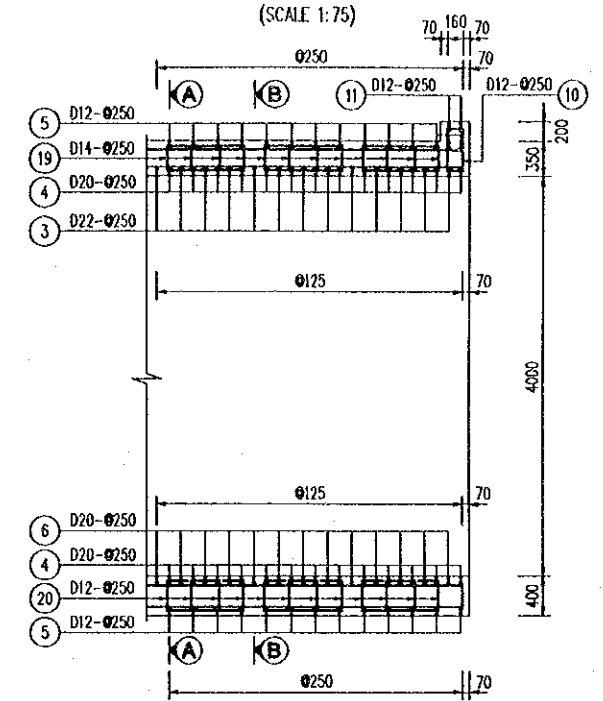
SECTION A - A

(SCALE 1:75)



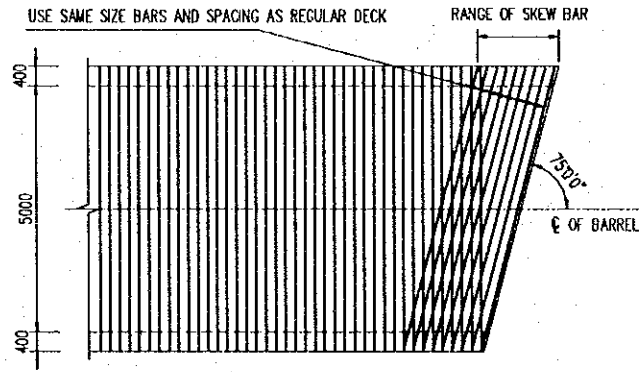
THE END OF BARREL

(SCALE 1:75)



PART PLAN

(NOT TO SCALE)

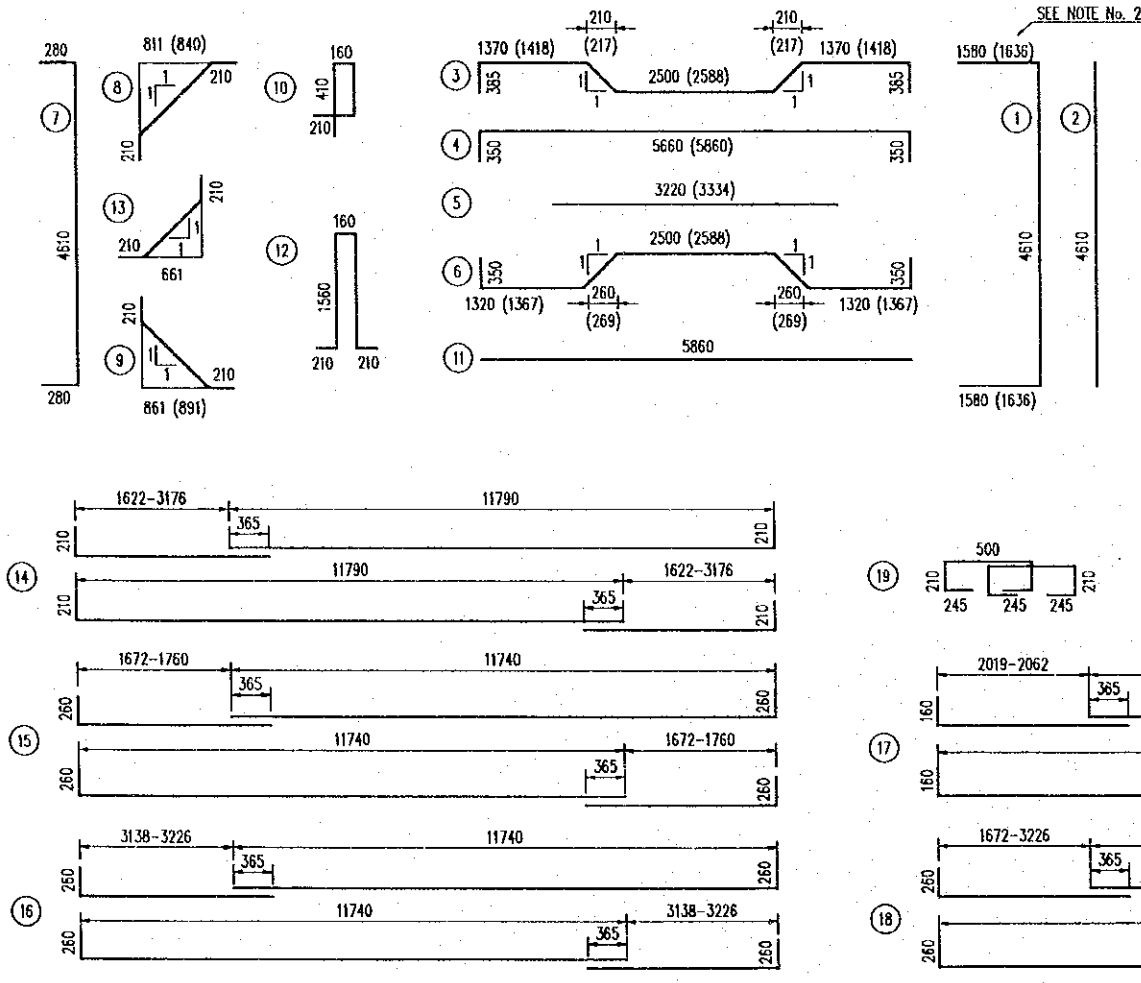


QUANTITIES TABLE

SYMBOL OF BAR	UNIT LENGTH (mm)	SPACE (mm)	DIAMETER (mm)	NUMBER OF BAR	UNIT WEIGHT (kg/m)	TOTAL LENGTH (m)	TOTAL WEIGHT (kg)
1	a	7770	250	20	2.466	854.70	2107.8
	b	7881	250	7	2.466	55.17	136.1
2	a	4610	250	108	2.466	497.88	1227.8
	b	6604	250	22	2.984	356.61	1064.2
3	a	6808	250	22	2.984	40.85	121.9
	b	6360	250	20	2.466	699.60	1725.3
4	a	6560	250	7	2.466	45.92	113.2
	b	3220	250	12	0.888	354.20	314.5
5	a	3334	250	14	0.888	48.68	41.4
	b	6575	250	54	2.466	355.07	875.7
6	a	6783	250	6	2.466	40.70	100.4
	b	5170	250	117	1.578	604.89	954.7
7	a	1567	250	12	0.888	172.36	153.0
	b	1608	250	7	0.888	11.26	10.0
8	a	1638	250	12	0.888	180.14	159.9
	b	1680	250	7	0.888	11.76	10.4
9	a	1560	250	24	0.888	37.44	33.2
	b	5860	250	2	0.888	11.72	10.4
10	a	3700	250	57	0.888	210.90	187.2
	b	1355	250	12	0.888	77.22	68.6
11	a	14613	250	48	0.888	701.41	622.7
	b	13980	250	32	0.888	447.35	397.2
12	a	15446	250	32	0.888	494.26	438.8
	b	14204	250	10	0.888	142.04	126.1
13	a	14713	250	48	0.888	706.21	627.0
	b	1410	250	14	1.208	349.68	422.6
14	a	1440	250	12	0.888	357.12	317.1
	b						
TOTAL FOR 1 SEGMENT					CONCRETE :	116.99 m ³	REINFORCEMENT : 12367.2 kg
TOTAL FOR THE WHOLE OF CULVERT					CONCRETE :	233.97 m ³	REINFORCEMENT : 24734.4 kg

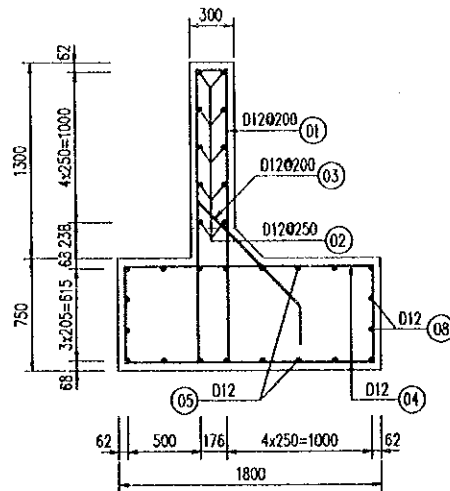
NOTE:

- 1- ALL DIMENSIONS ARE IN MILLIMETER UNLESS OTHERWISE INDICATED.
- 2- THE VALUE IN PARENTHESIS ARE USED FOR SKEW BARS AT THE ENDS OF CULVERT.
- 3- THE SKEW BARS ARE NOTATED BY CHARACTER "b" IN THE QUANTITIES TABLE.
- 4- DIRECTION OF CULVERT AND LENGTH OF SEGMENT SEE GENERAL VIEW DRAWING.
- 5- THIS DRAWING ALSO USE FOR BOX CULVERT STATION 14+247.

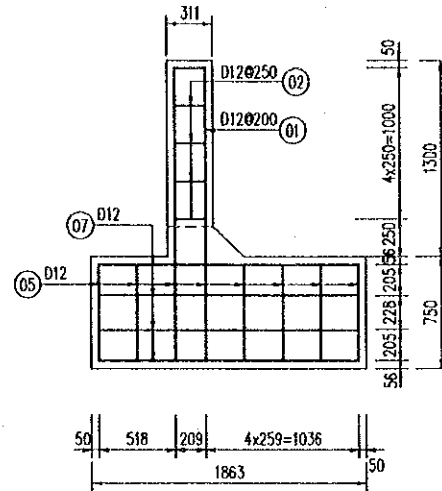


PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM	PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	NIPPON KOEI CO.,LTD.	K. Nemoto	K. Nakai	K. Enomoto	REINFORCEMENT OF CULVERT STATION 12+592.5	P3/BC/0430
				DATE: 20/9/2000	DATE: 29/9/2000	DATE: 5/10/2000		

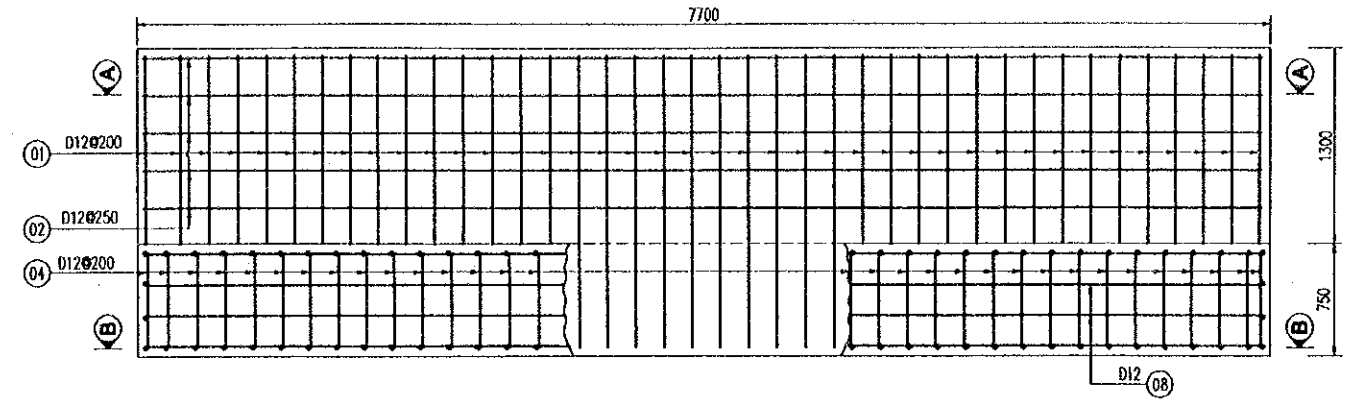
C - C
SCALE 1:50



D - D
SCALE 1:50

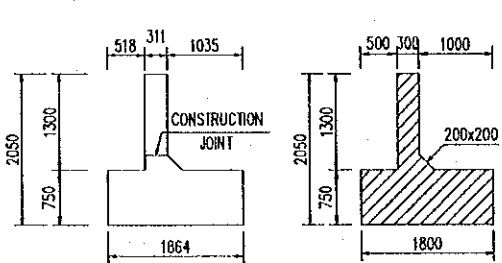


REINFORCEMENT OF RETAINING WALL
SCALE 1:50

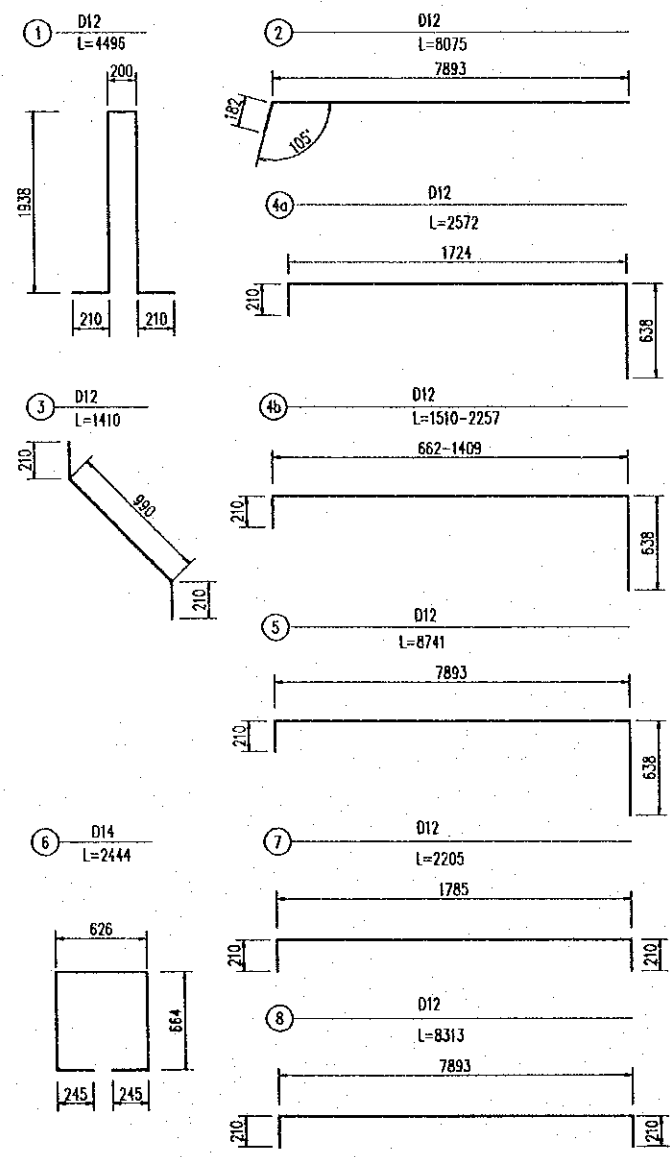


A - A
SCALE 1:50

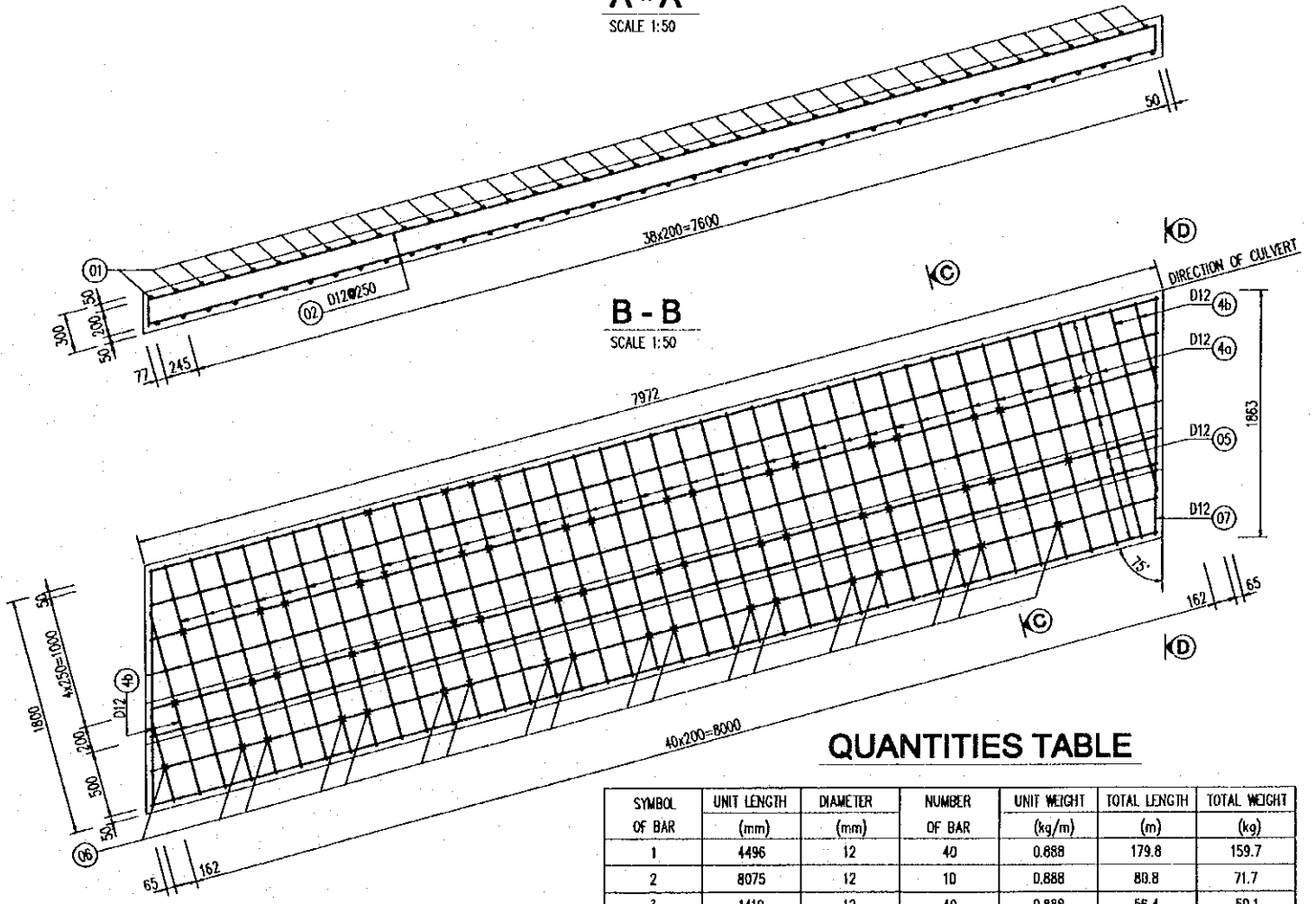
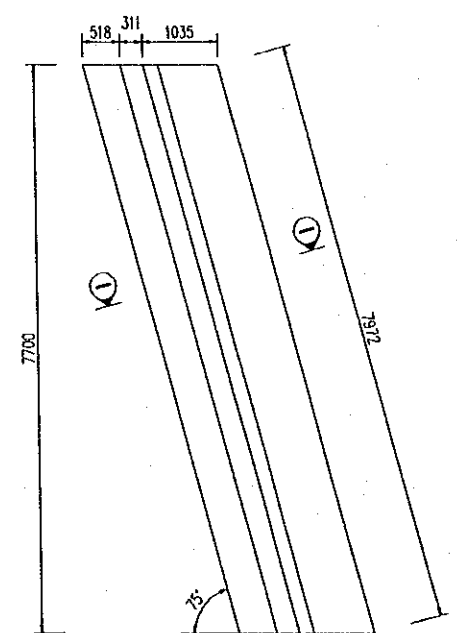
RETAINING WALL
SCALE 1:100



I - I
SCALE 1:100



PLAN
SCALE 1:100



B - B
SCALE 1:50

QUANTITIES TABLE

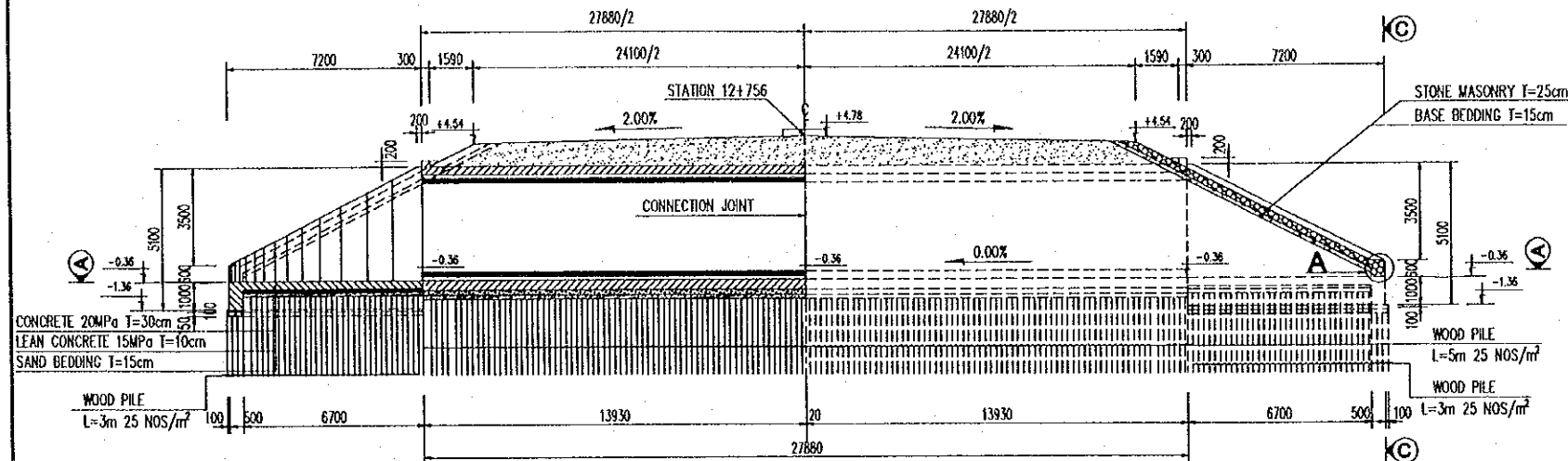
SYMBOL OF BAR	UNIT LENGTH (mm)	DIAMETER (mm)	NUMBER OF BAR	UNIT WEIGHT (kg/m)	TOTAL LENGTH (m)	TOTAL WEIGHT (kg)
1	4496	12	40	0.888	179.8	159.7
2	8075	12	10	0.888	88.8	71.7
3	1410	12	40	0.888	56.4	50.1
4A	2572	12	74	0.888	190.3	169.0
4B	1884	12	8	0.888	15.1	13.4
5	8741	12	16	0.888	139.9	124.2
6	2444	14	27	1.208	65.0	79.7
7	2205	12	8	0.888	17.6	15.7
8	8313	12	4	0.888	33.3	29.5
CONCRETE :				14.03 m ³		
REINFORCEMENT :				D<14	712.9 kg	
REINFORCEMENT :				14<D<=25	0.0 kg	
TOTAL REINFORCEMENT :					712.9 kg	

NOTES :
1- ALL DIMENSIONS ARE IN MILLIMETER UNLESS OTHERWISE INDICATED.

PROJECT NAME DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	IMPLEMENTATION AGENCY JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	EXECUTING AGENCY SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	JICA STUDY TEAM NIPPON KOEI CO.,LTD.	PREPARED BY NAME: K. Nemoto SIGNATURE: <i>K. Nemoto</i> DATE: 20/9/2000	CHECKED BY K. Nakai SIGNATURE: <i>K. Nakai</i> DATE: 29/9/2000	APPROVED BY K. Enomoto SIGNATURE: <i>K. Enomoto</i> DATE: 5/10/2000	DRAWING TITLE REINFORCEMENT OF RETAINING WALL STATION 12+592.5	DWG NO. P3/BC/0440
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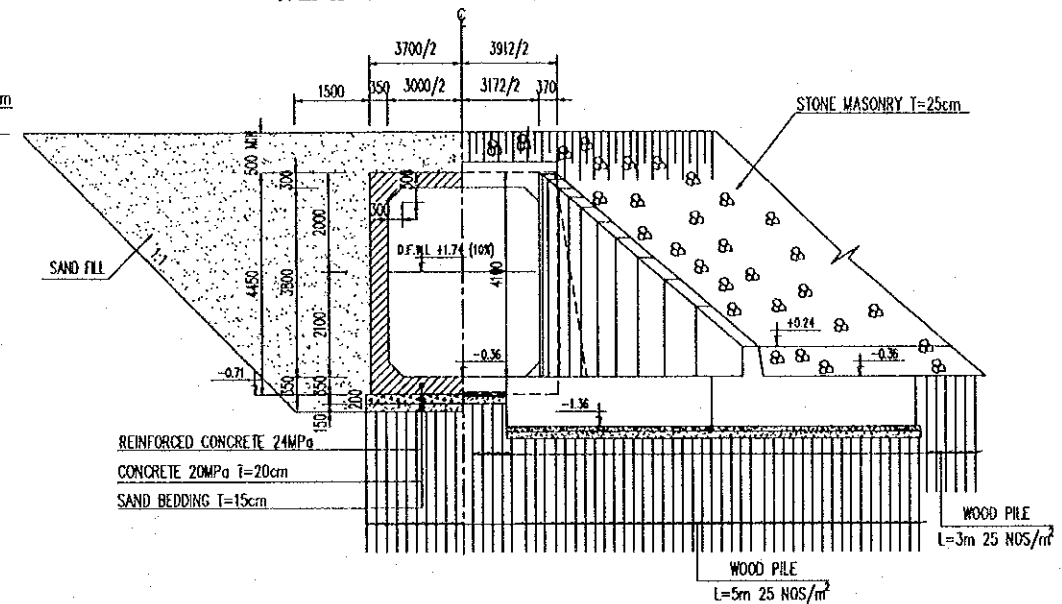
BOX CULVERT FOR DRAINAGE (STATION 12+756)

PROFILE
SCALE 1:250



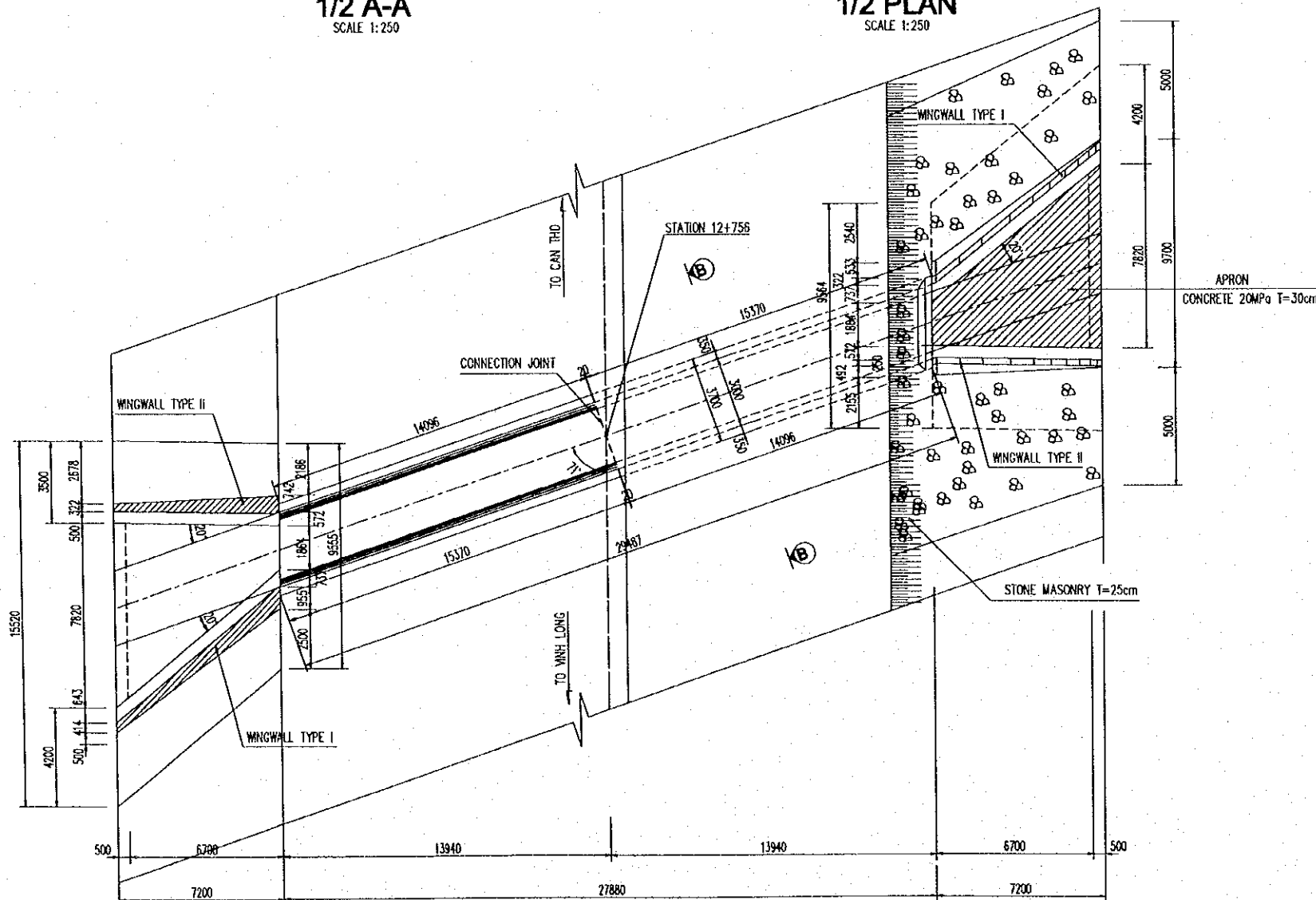
SECTION
SCALE 1:150

1/2 B-B 1/2 C-C

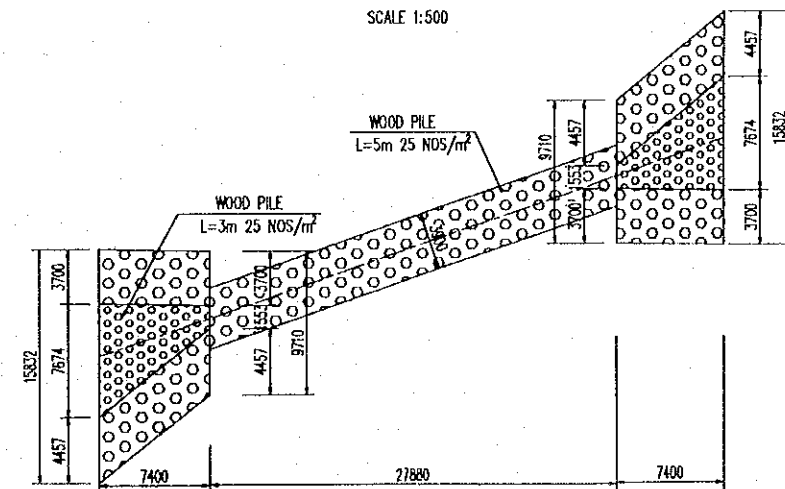


1/2 A-A
SCALE 1:250

1/2 PLAN
SCALE 1:250



PLAN LAYOUT OF WOOD PILE
SCALE 1:500

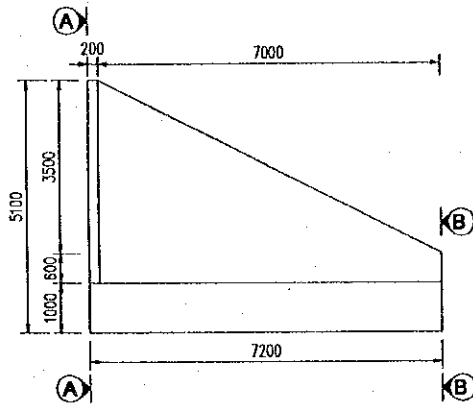


- NOTES:
- 1- ALL DIMENSIONS ARE IN MILLIMETER UNLESS OTHERWISE INDICATED.
 - 2- ELEVATIONS ARE IN METERS IN REFERENCE TO THE NATIONAL DATUM LEVEL.
 - 3- DETAIL A IS SHOWN IN THE DOCUMENT OF APPROACH ROAD - DRAWING No P3/MS/0190.

PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM	PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	NK NIPPON KOBİ CO.,LTD.	NAME: K. Nemoto SIGNATURE: <i>K. Nemoto</i> DATE: 20/9/2000	NAME: K. Nakai SIGNATURE: <i>K. Nakai</i> DATE: 29/9/2000	NAME: K. Enomoto SIGNATURE: <i>K. Enomoto</i> DATE: 5/10/2000	GENERAL VIEW OF BOX CULVERT STATION 12 + 756	P3/BC/0450

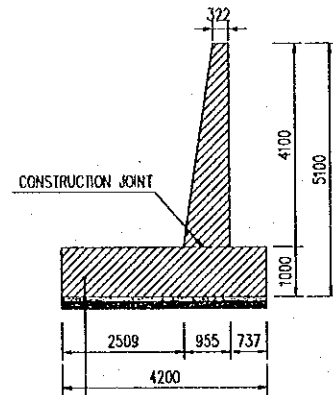
WING WALL TYPE I

SCALE 1:150



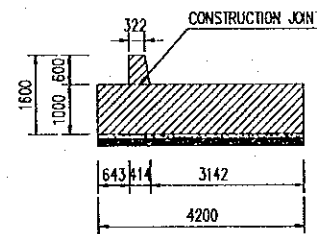
A - A

SCALE 1:150



B - B

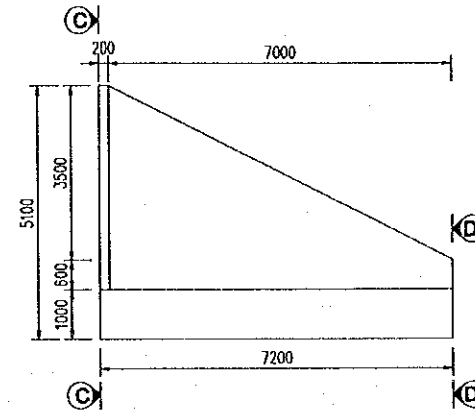
SCALE 1:150



REINFORCED CONCRETE 24MPa T=100cm
LEAN CONCRETE 15MPa T=10cm
SAND BEDDING T=15cm

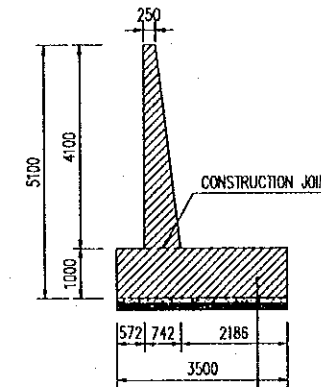
WING WALL TYPE II

SCALE 1:150



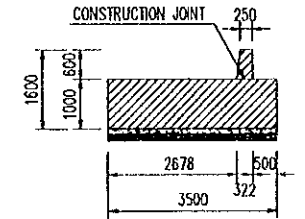
C - C

SCALE 1:150



D - D

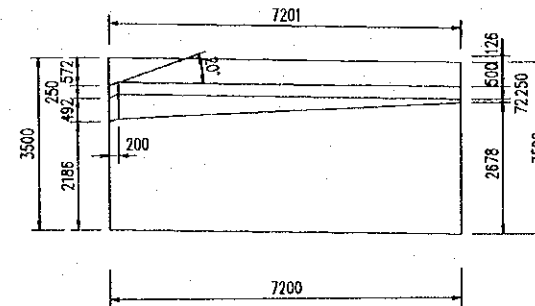
SCALE 1:150



REINFORCED CONCRETE 24MPa T=100cm
LEAN CONCRETE 15MPa T=10cm
SAND BEDDING T=15cm

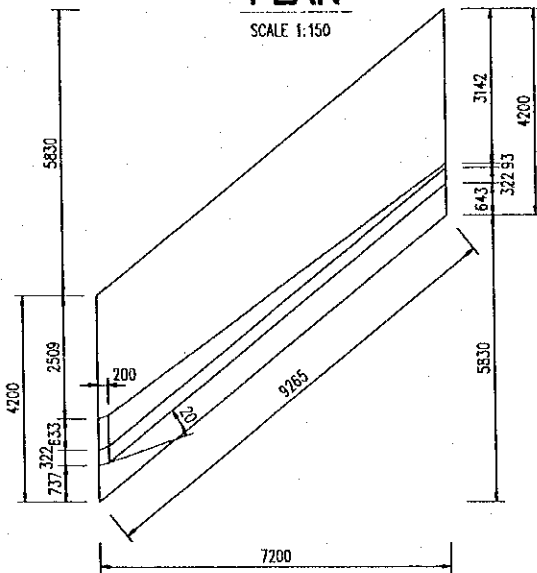
PLAN

SCALE 1:150



PLAN

SCALE 1:150



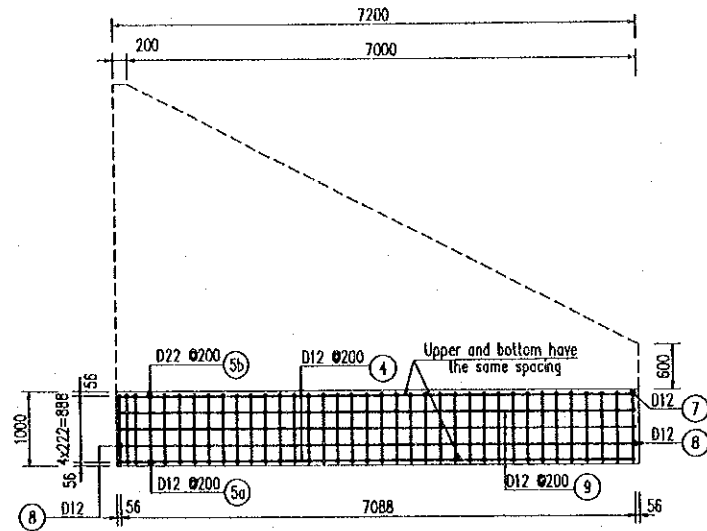
NOTES:

- 1- ALL DIMENSIONS ARE IN MILLIMETER UNLESS OTHERWISE INDICATED.
- 2- POSITION OF WING WALL SEE GENERAL VIEW DRAWING.

PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM	PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	(NK) NIPPON KOBI CO., LTD.	NAME: K. Nemoto SIGNATURE: <i>K. Nemoto</i> DATE: 20/9/2000	NAME: K. Nakai SIGNATURE: <i>K. Nakai</i> DATE: 29/9/2000	NAME: K. Enomoto SIGNATURE: <i>K. Enomoto</i> DATE: 5/10/2000	GENERAL VIEW OF WING WALL STATION 12+756	P3/BC/0460

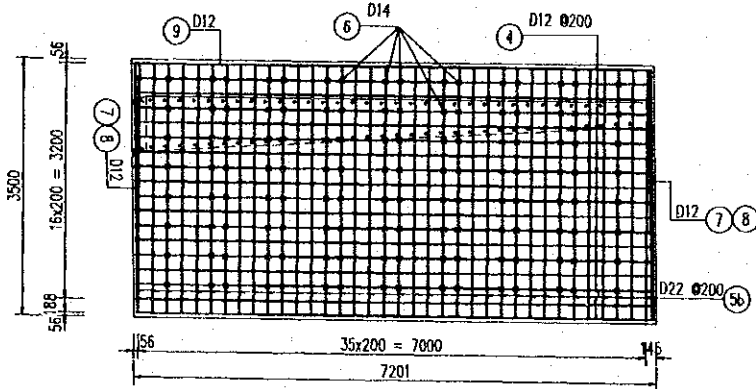
REINFORCEMENT OF FOOTING

SCALE 1:100



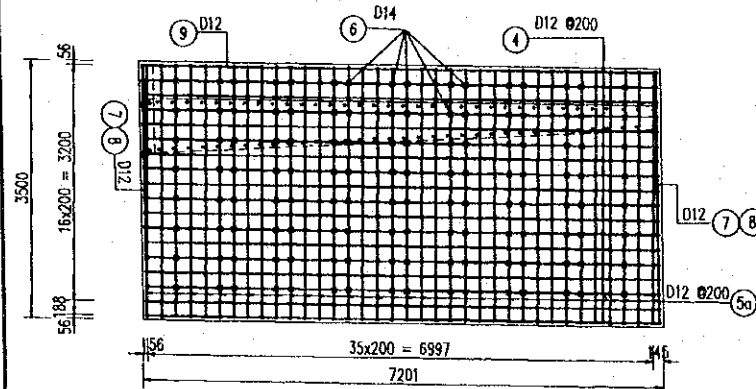
TOP REINFORCEMENT

SCALE 1:100



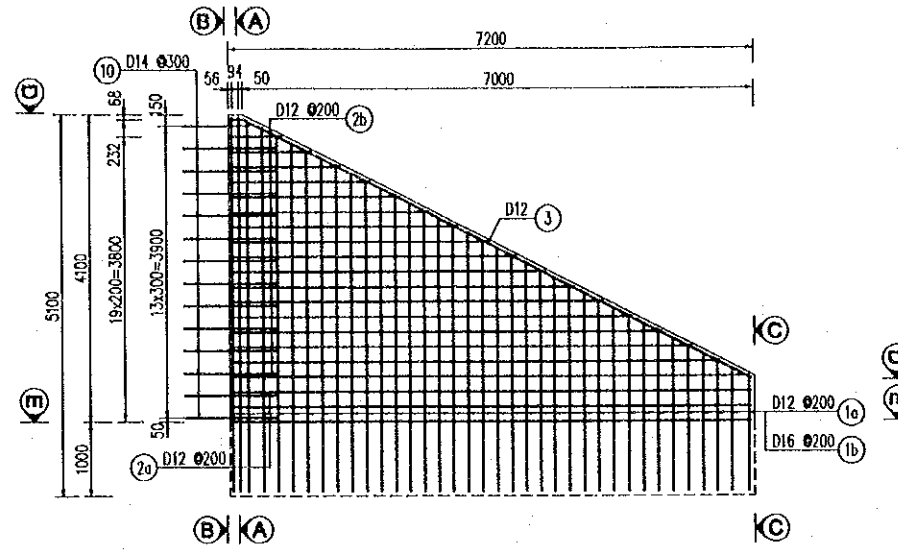
BOTTOM REINFORCEMENT

SCALE 1:100



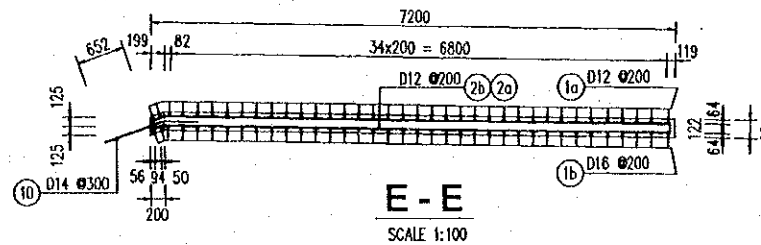
REINFORCEMENT OF WING WALL TYPE II

SCALE 1:100



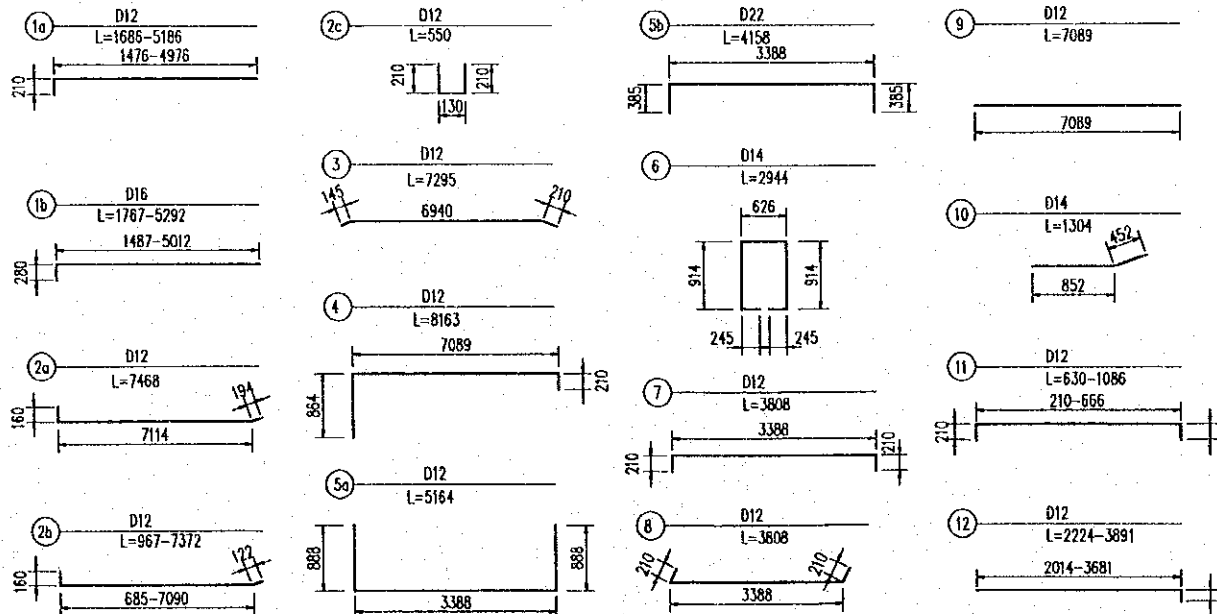
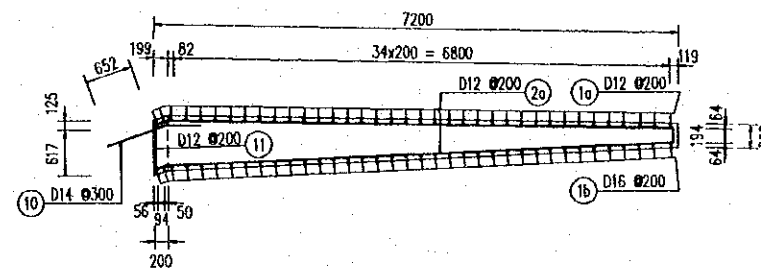
D - D

SCALE 1:100



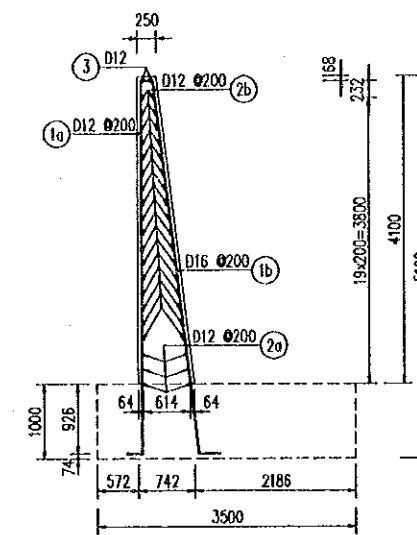
E - E

SCALE 1:100



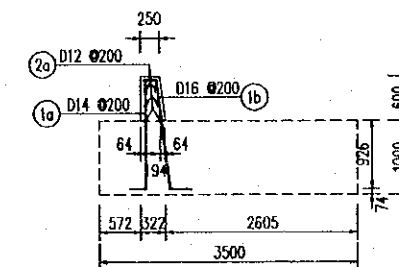
A - A

SCALE 1:100



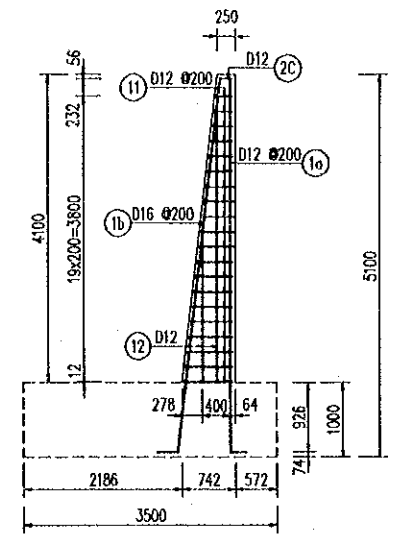
C - C

SCALE 1:100



B - B

SCALE 1:100



QUANTITIES TABLE

BAR MARK	UNIT LENGTH	DIAMETER	NUMBER OF BAR	UNIT WEIGHT	TOTAL LENGTH	TOTAL WEIGHT	
	(mm)			(mm)		(kg/m)	(m)
1a	3436	12	37	0.888	127.1	112.9	
1b	3530	16	37	1.578	130.6	206.1	
2a	7468	12	6	0.888	44.8	39.8	
2b	4170	12	34	0.888	141.8	125.9	
2c	550	12	37	0.888	20.4	18.1	
3	7295	12	2	0.888	14.6	13.0	
4	8163	12	36	0.888	293.9	260.9	
5a	5164	12	36	0.888	185.9	165.0	
5b	4158	22	36	2.984	149.7	445.7	
6	2944	14	64	1.208	188.4	227.7	
7	3808	12	4	0.888	15.2	13.5	
8	3808	12	6	0.888	22.8	20.3	
9	7089	12	6	0.888	42.5	37.8	
10	1304	14	14	1.208	18.3	22.1	
11	858	12	20	0.888	17.2	15.2	
12	3058	12	2	0.888	6.1	5.4	
CONCRETE	32.47 m ³	REINFORCEMENT D<=14				1077.5 kg	
		REINFORCEMENT 14< D<=25				652.8 kg	
		TOTAL REINFORCEMENT :				1730.3 kg	

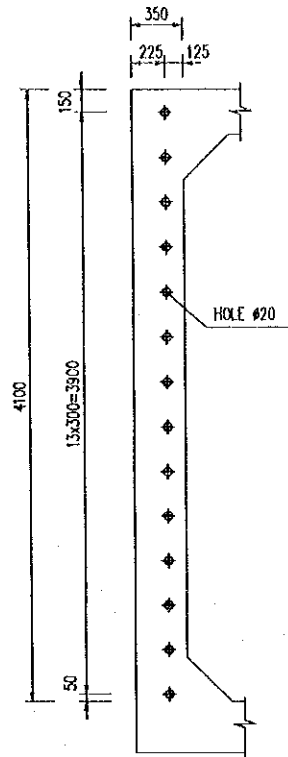
NOTES :

- ALL DIMENSIONS ARE IN MILLIMETER UNLESS OTHERWISE INDICATED.
- THIS QUANTITIES TABLE IS ONLY CALCULATED FOR ONE WING WALL.

PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM	PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	NIPPON KOEI CO.,LTD.	K. Nemoto	K. Nakai	K. Enomoto	REINFORCEMENT OF WING WALL TYPE II STATION 12+756	P3/BC/0480
				NAME				
				SIGNATURE				
				DATE	20/9/2000	24/9/2000	5/10/2000	

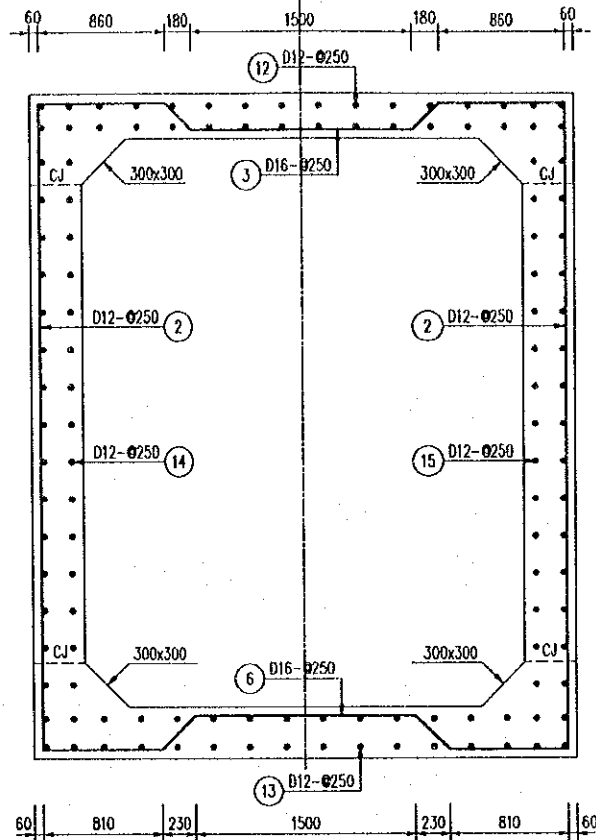
POSITION OF HOLE

(SCALE 1:50)



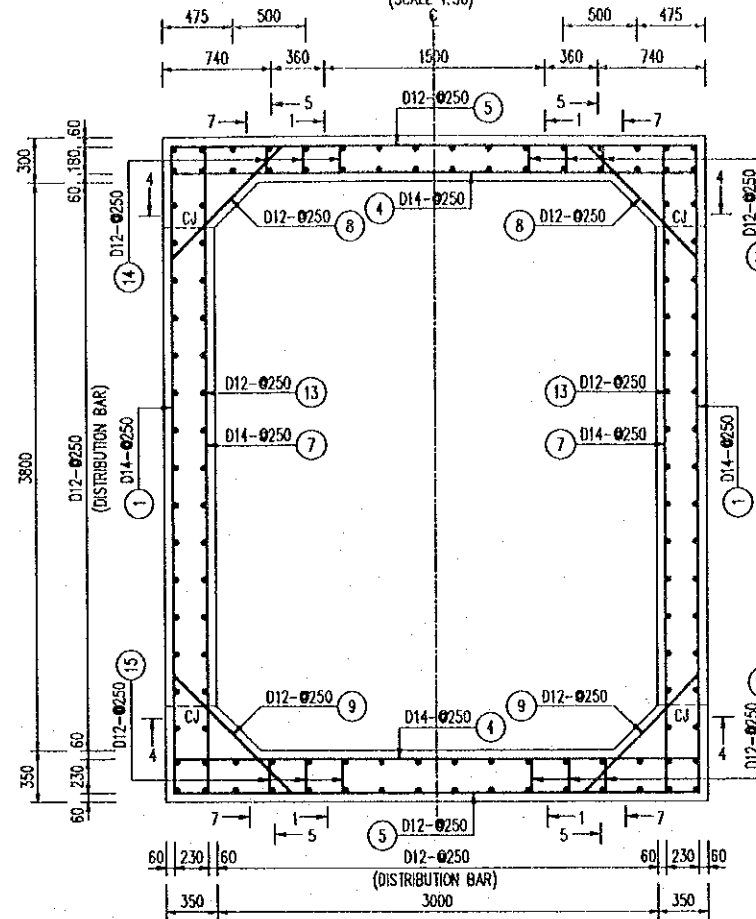
SECTION B - B

(SCALE 1:50)



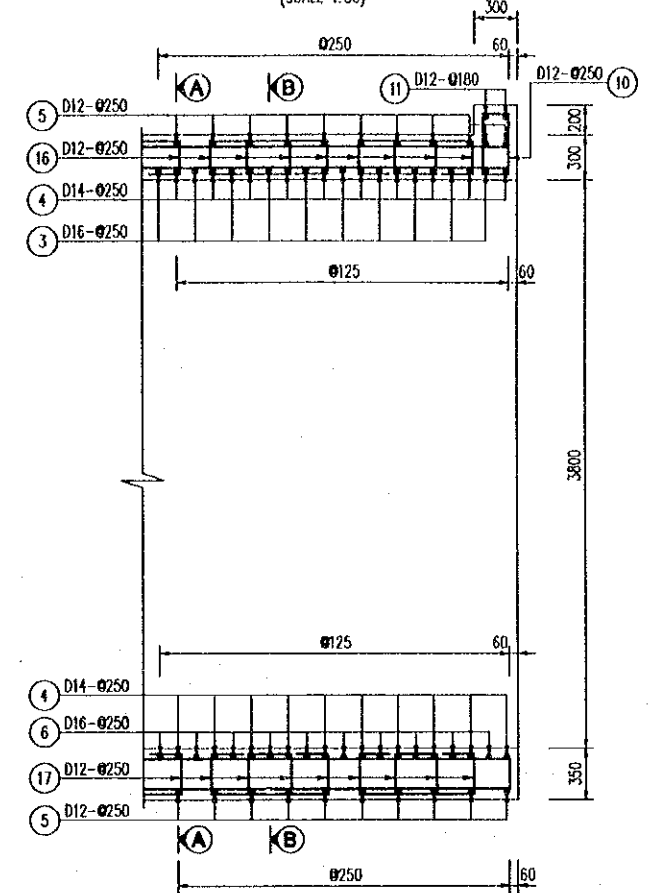
SECTION A - A

(SCALE 1:50)



THE END OF BARREL

(SCALE 1:50)

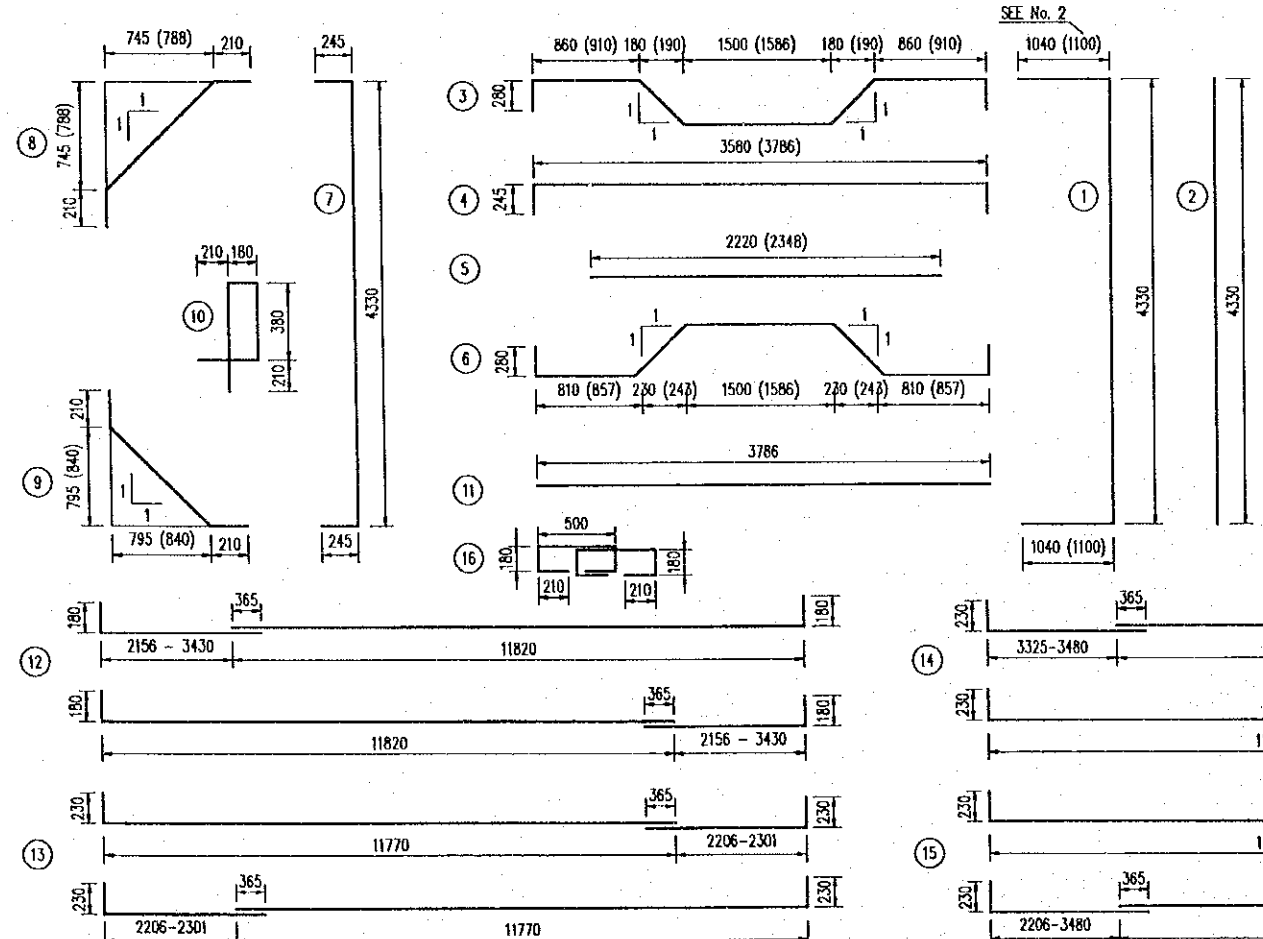


QUANTITIES TABLE

SYMBOL OF BAR	UNIT LENGTH (mm)	SPACE (mm)	DIAMETER (mm)	NUMBER OF BAR	UNIT WEIGHT (kg/m)	TOTAL LENGTH (m)	TOTAL WEIGHT (kg)
1	a	6410	250	14	1.208	730.74	883.0
	b	6530	250	6	1.208	39.18	47.3
2	a	4330	250	112	0.888	484.96	430.6
	b	4289	250	56	1.578	240.19	379.1
3	a	4503	250	16	1.578	22.52	35.5
	b	4070	250	14	1.208	46.398	560.7
4	a	4276	250	6	1.208	25.66	31.0
	b	2520	250	114	0.888	287.28	255.1
5	a	2665	250	12	0.888	31.98	28.4
	b	4331	250	56	1.578	242.51	382.8
6	a	4547	250	5	1.578	22.74	35.9
	b	4820	250	14	1.208	57.84	698.9
7	a	1474	250	114	0.888	168.01	149.2
	b	1534	250	6	0.888	9.21	8.2
8	a	1545	250	114	0.888	176.07	156.3
	b	1609	250	6	0.888	9.66	8.6
9	a	1540	250	16	0.888	24.64	21.9
	b	3786	250	2	0.888	7.57	6.7
10	a	15338	250	32	0.888	490.82	435.8
	b	14849	250	30	0.888	445.47	395.5
11	a	15997	250	30	0.888	479.91	426.1
	b	15438	250	32	0.888	494.02	438.6
12	a	1280	250	236	0.888	302.08	268.2
	b	1380	250	236	0.888	325.68	289.1
TOTAL FOR 1 SEGMENT					CONCRETE :	77.50 m ³	REINFORCEMENT : 6372.4 kg
TOTAL FOR THE WHOLE OF CULVERT					CONCRETE :	155.0 m ³	REINFORCEMENT : 12744.7 kg

NOTES:

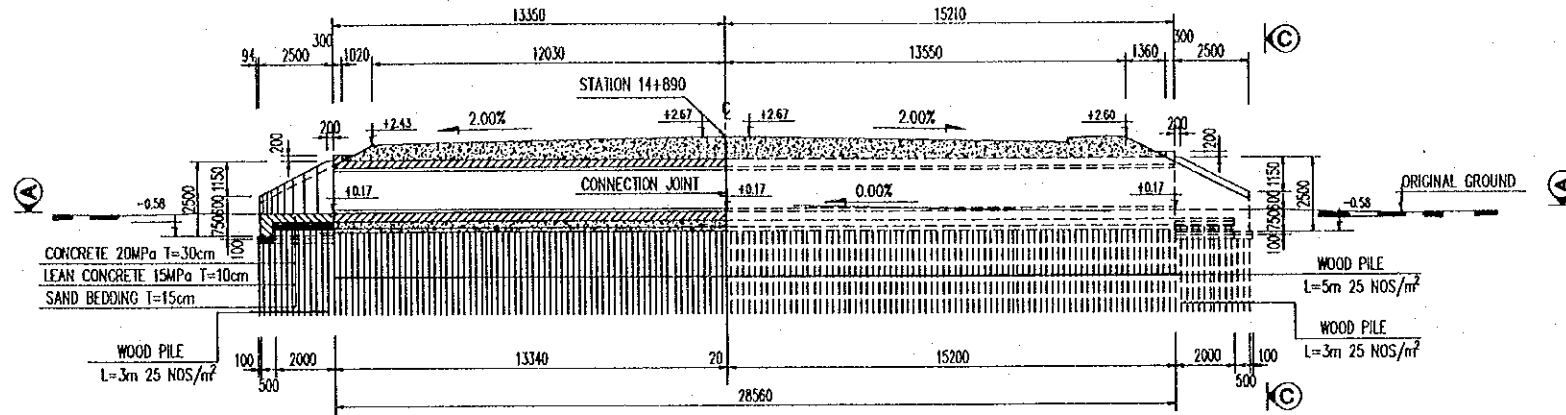
- 1- ALL DIMENSIONS ARE IN MILLIMETER UNLESS OTHERWISE INDICATED.
- 2- DIRECTION OF CULVERT AND LENGTH OF SEGMENT SEE GENERAL VIEW DRAWING.
- 3- THE FIGURE IN PARENTHESIS ARE USED FOR SKEW BAR AT THE ENDS OF THE CULVERT.
- 4- THE SKEW BARS ARE NOTATED BY CHARACTER "b" IN THE QUANTITIES TABLE.



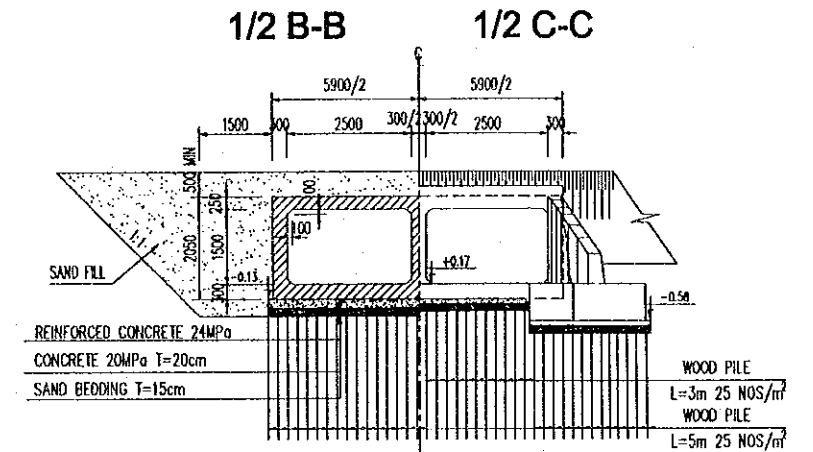
PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM	PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	(NK) NIPPON KOBİ CO.,LTD.	NAME: K. Nemoto SIGNATURE: [Signature] DATE: 20/9/2000	NAME: K. Nakai SIGNATURE: [Signature] DATE: 29/9/2000	NAME: K. Enomoto SIGNATURE: [Signature] DATE: 5/10/2000	REINFORCEMENT OF CULVERT STATION 12+756	P3/BC/0490

BOX CULVERT DRAINAGE (STATION 14+890)

PROFILE
SCALE 1:250

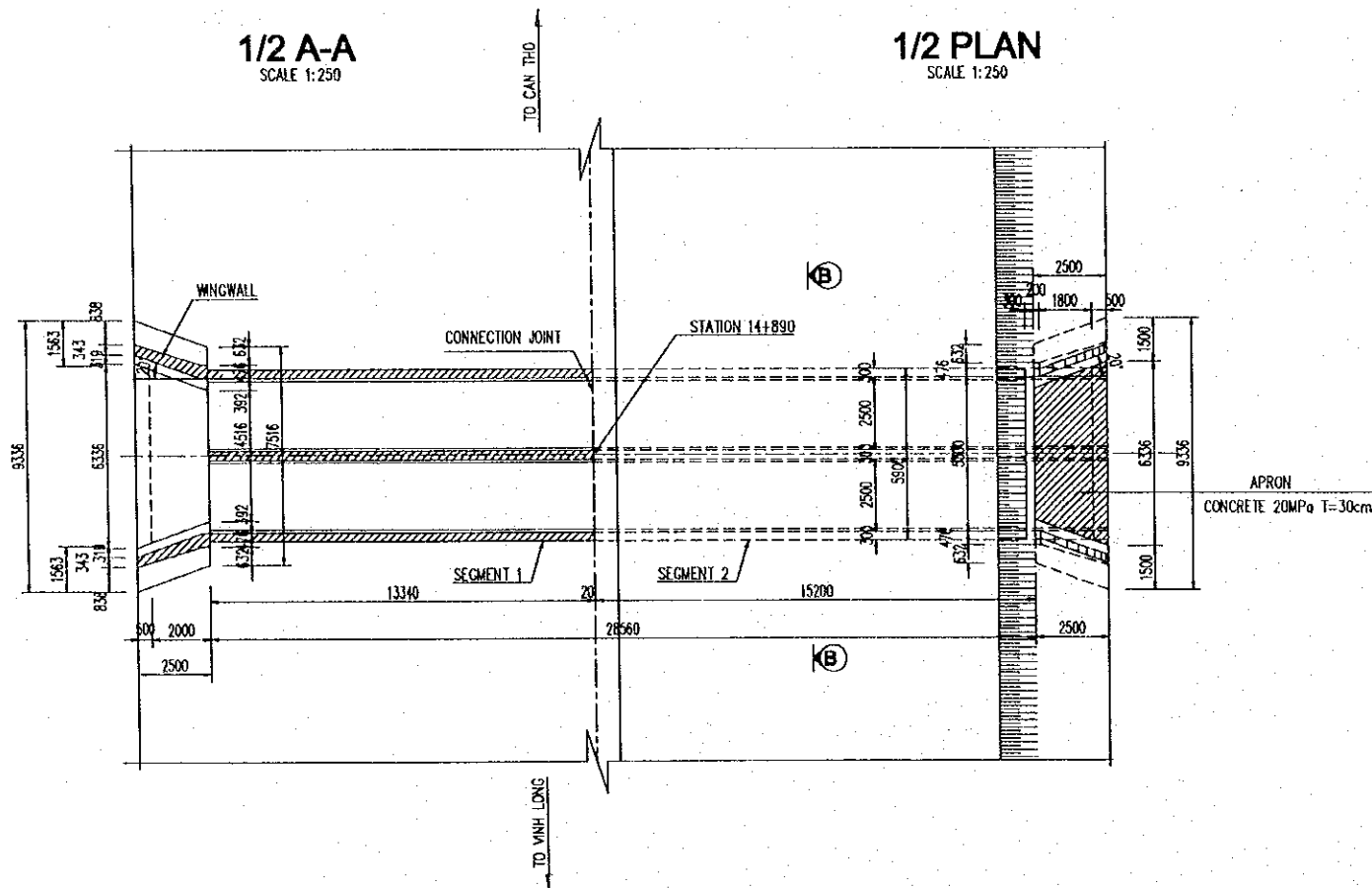


SECTION
SCALE 1:150

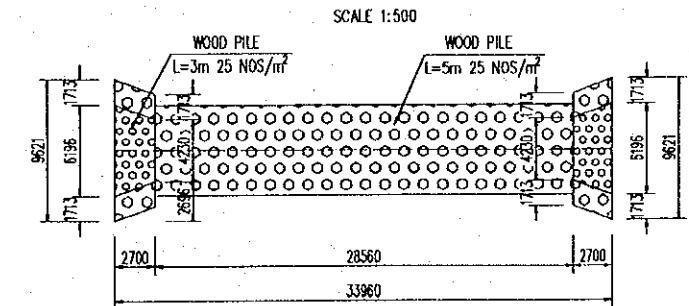


1/2 A-A
SCALE 1:250

1/2 PLAN
SCALE 1:250



PLAN LAYOUT OF WOOD PILE
SCALE 1:500



NOTES :

- 1- ALL DIMENSIONS ARE IN MILLIMETER UNLESS OTHERWISE INDICATED.
- 2- ELEVATIONS ARE IN METERS IN REFERENCE TO THE NATIONAL DATUM LEVEL.
- 3- WINGWALL IS SIMILAR TO BOX CULVERT AT STATION 9+760 - DRAWING No P3/BC/0180.
- 4- DETAIL A IS SHOWN IN THE DOCUMENT OF APPROACH ROAD - DRAWING No P3/MS/0190.

PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM	PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	(NK) NIPPON KOEI CO.,LTD.	NAME: K. Nemoto SIGNATURE: <i>K. Nemoto</i> DATE: 20/9/2000	NAME: K. Nakai SIGNATURE: <i>K. Nakai</i> DATE: 24/9/2000	NAME: K. Enomoto SIGNATURE: <i>K. Enomoto</i> DATE: 5/10/2000	GENERAL VIEW OF BOX CULVERT STATION 14 + 890	P3/BC/0500