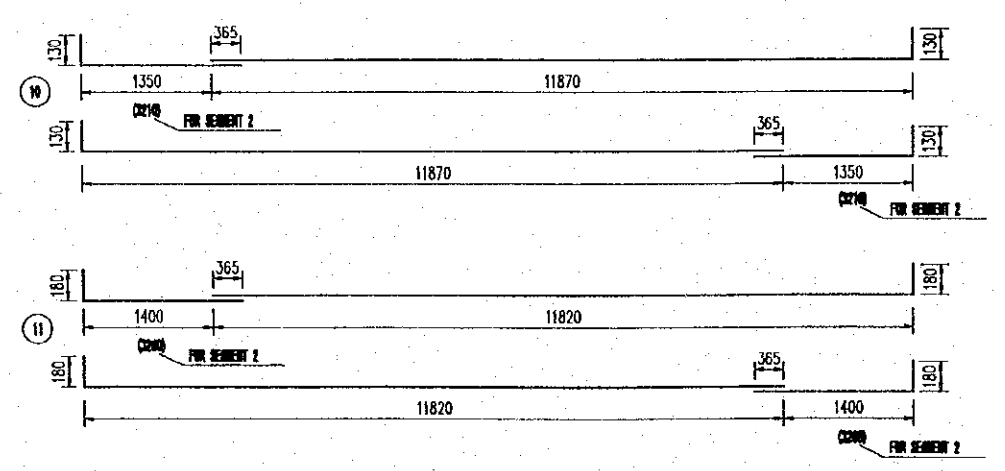
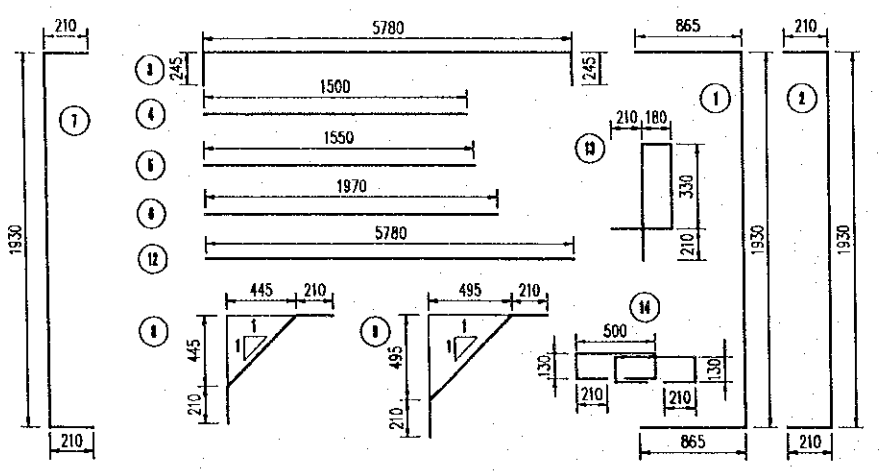


**QUANTITIES TABLE**

SYMBOL OF BAR	UNIT LENGTH		SPACE	DIAMETER	NUMBER OF BAR		UNIT WEIGHT	TOTAL LENGTH		TOTAL WEIGHT	
	SEMENT 1	SEMENT 2			SEMENT 1	SEMENT 2		SEMENT 1	SEMENT 2	SEMENT 1	SEMENT 2
1	3000	3000	125	14	214	242	0.000	702.2	806.7	848.6	1478.3
2	2350	2350	200	12	100	122	0.000	232.0	286.7	225.3	264.6
3	0270	0270	250	14	100	122	1.200	272.2	286.7	818.3	884.4
4	1600	1600	250	14	212	240	1.200	318.0	300.0	805.3	435.0
5	1550	1550	125	10	214	242	1.000	331.7	375.1	862.6	748.3
6	0170	0170	250	12	216	244	0.000	426.0	488.7	377.6	428.0
7	2350	2350	125	12	214	242	0.000	682.0	688.7	448.6	584.0
8	1040	1040	250	12	216	244	0.000	228.0	258.0	261.2	227.2
9	1120	1120	250	12	216	244	0.000	241.0	272.3	214.6	242.0
10	13045	15795	250	12	52	52	0.000	718.0	818.7	638.2	725.0
11	13045	15805	250	12	60	60	0.000	1227.2	1308.0	1008.6	1234.0
12	6700	6700	250	12	2	2	0.000	11.0	11.0	16.3	16.3
13	1400	1400	250	12	26	26	0.000	37.4	37.4	32.2	32.2
14	1100	1100	250	12	220	265	0.000	377.0	428.6	336.4	382.2
TOTAL FOR REINFORCEMENT 1		CONCRETE : 62.16 m <sup>3</sup>		REINFORCEMENT : 6304.7 kg							
TOTAL FOR REINFORCEMENT 2		CONCRETE : 70.01 m <sup>3</sup>		REINFORCEMENT : 7220.0 kg							
TOTAL FOR THE WALL OF CULVERT		CONCRETE : 132.06 m <sup>3</sup>		REINFORCEMENT : 13524.7 kg							

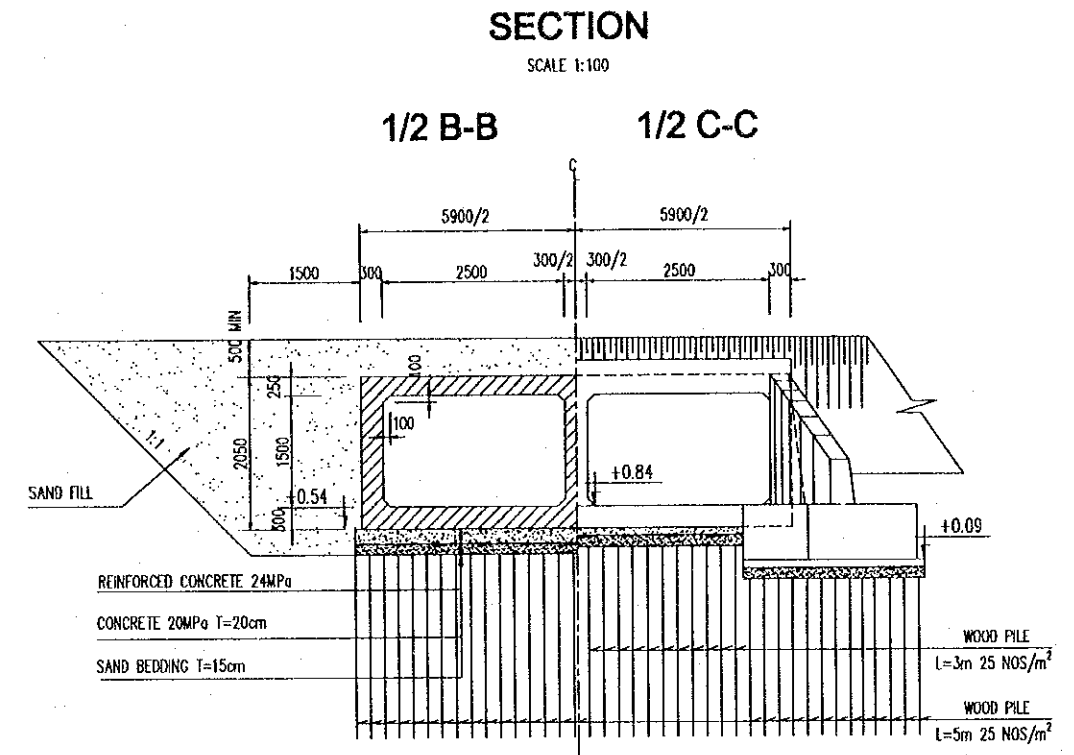
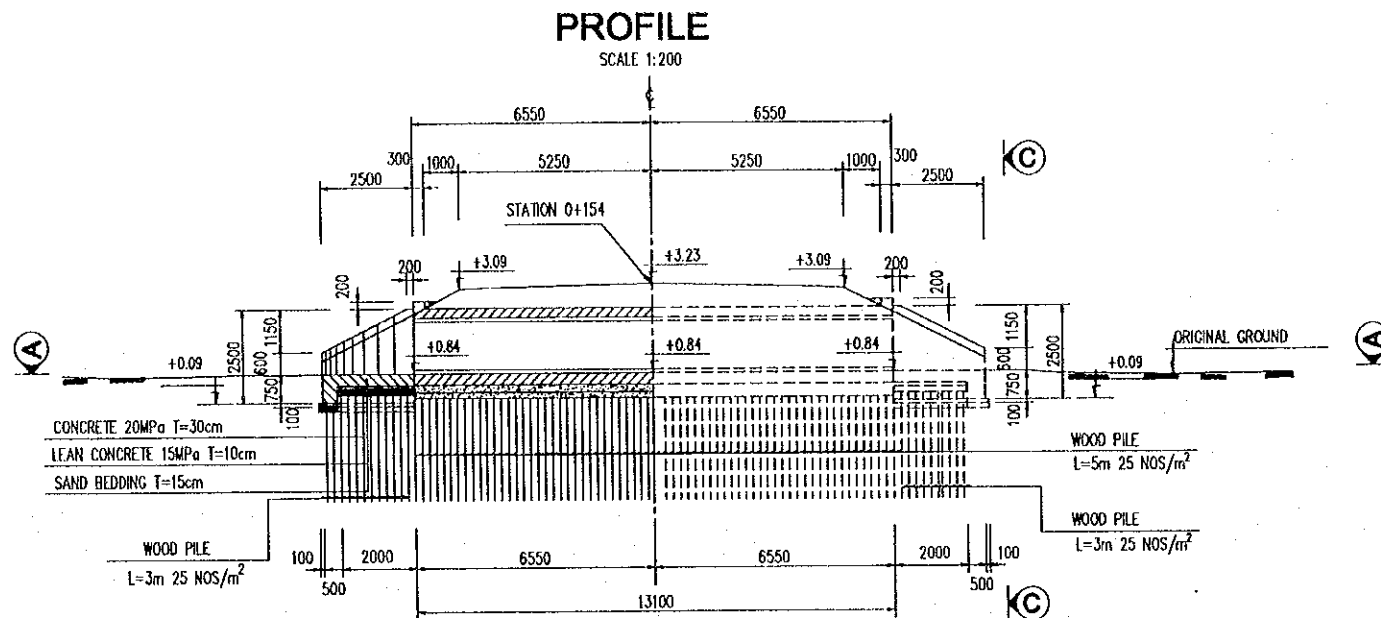


**NOTES :**

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

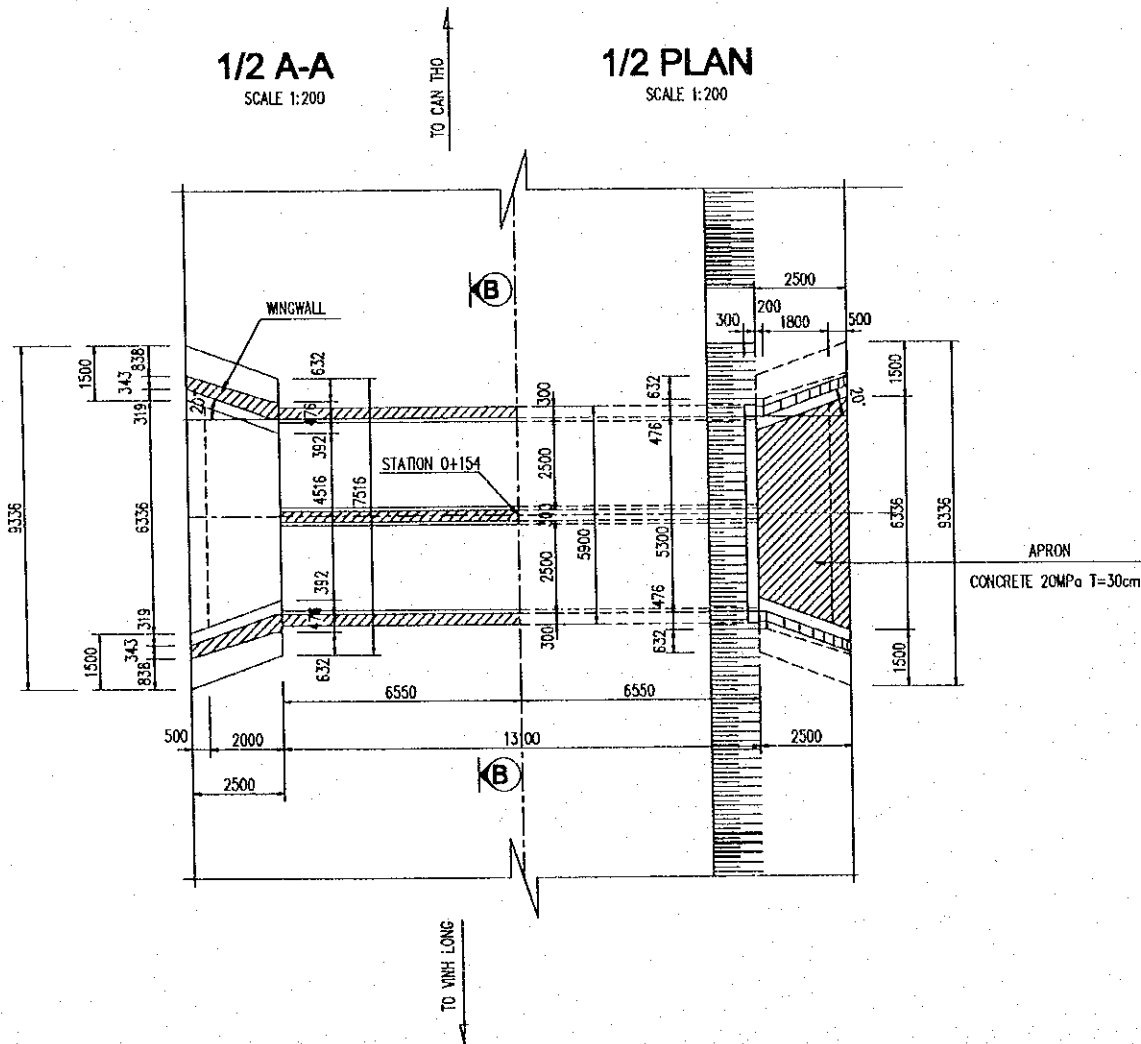
<b>PROJECT NAME</b> DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	<b>IMPLEMENTATION AGENCY</b> JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	<b>EXECUTING AGENCY</b> SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	<b>JICA STUDY TEAM</b> NIPPON KOEI CO.,LTD.	<b>PREPARED BY</b> NAME: K. Nemoto SIGNATURE: <i>K. Nemoto</i> DATE: 20/9/2000	<b>CHECKED BY</b> NAME: K. Nakai SIGNATURE: <i>K. Nakai</i> DATE: 29/9/2000	<b>APPROVED BY</b> NAME: K. Enomoto SIGNATURE: <i>K. Enomoto</i> DATE: 5/10/2000	<b>DRAWING TITLE</b> REINFORCEMENT OF CULVERT STATION 14+890	<b>DWG NO.</b> P3/BC/0510
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# BOX CULVERT DRAINAGE (STATION 0+154 RAMP "A" INTERCHANGE 3)



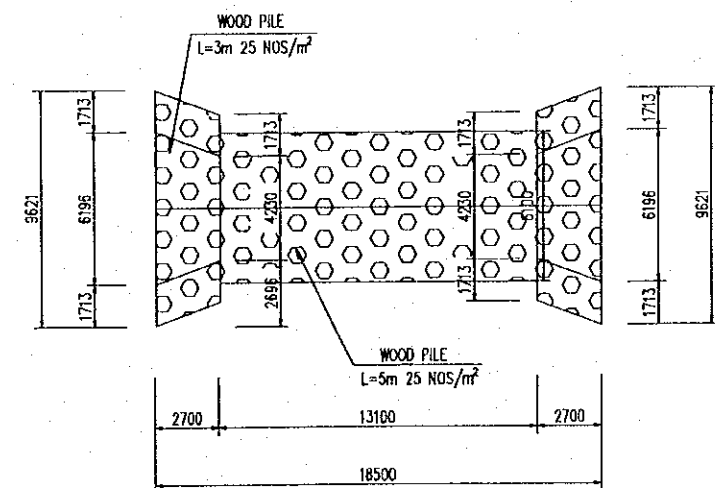
1/2 A-A  
SCALE 1:200

1/2 PLAN  
SCALE 1:200



PLAN LAYOUT OF WOOD PILE

SCALE 1:300

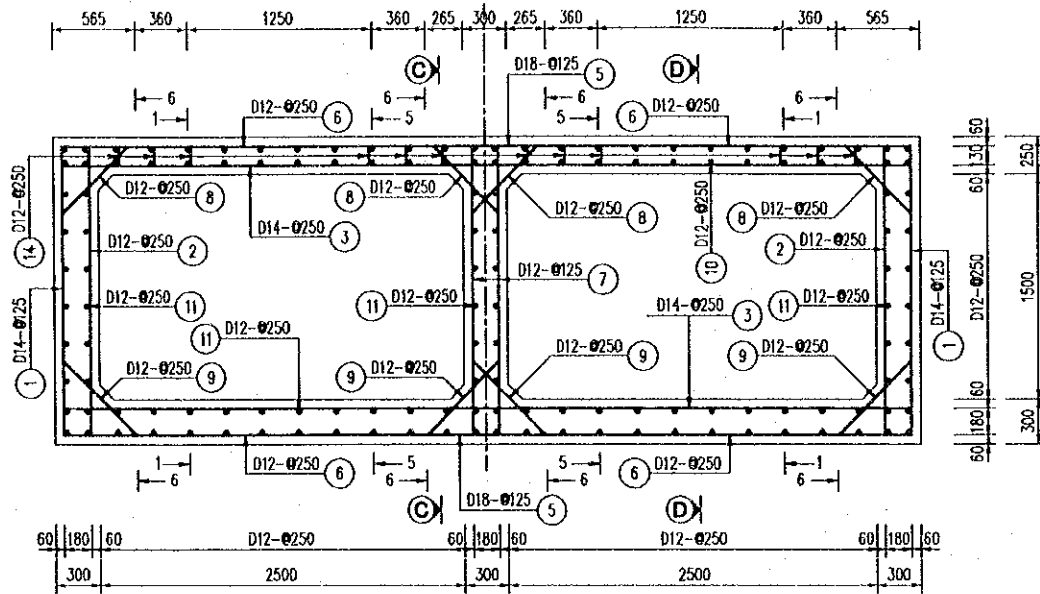


- NOTES :
- 1- ALL DIMENSIONS ARE IN MILLIMETER UNLESS OTHERWISE INDICATED.
  - 2- ELEVATIONS ARE IN METERS IN REFERENCE TO THE NATIONAL DATUM LEVEL.
  - 3- DETAIL A IS SHOWN IN THE DOCUMENT OF APPROACH ROAD - DRAWING No P3/MS/0190.

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	<b>JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)</b>	<b>SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT</b>	<b>NIPPON KOBI CO.,LTD.</b>	NAME	K. Nemoto	K. Nakai	<b>GENERAL VIEW OF BOX CULVERT INTERCHANGE 3 RAMP "A" STATION 0+154</b>	<b>P3/BC/0520</b>
				SIGNATURE	<i>K. Nemoto</i>	<i>K. Nakai</i>		
				DATE	20/9/2000	29/9/2000		

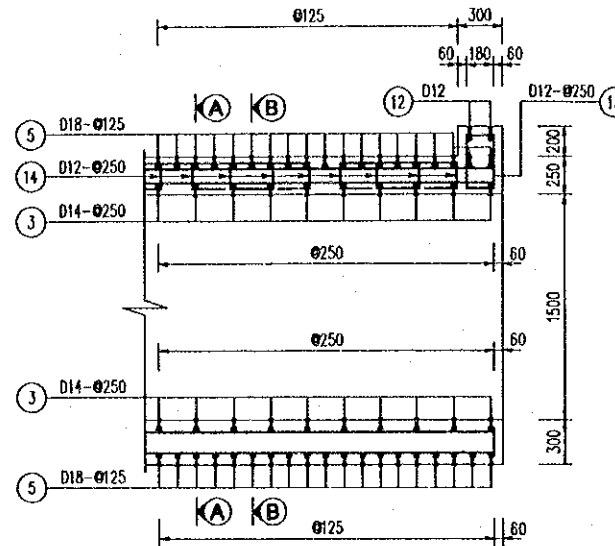
### SECTION A - A

SCALE 1:50



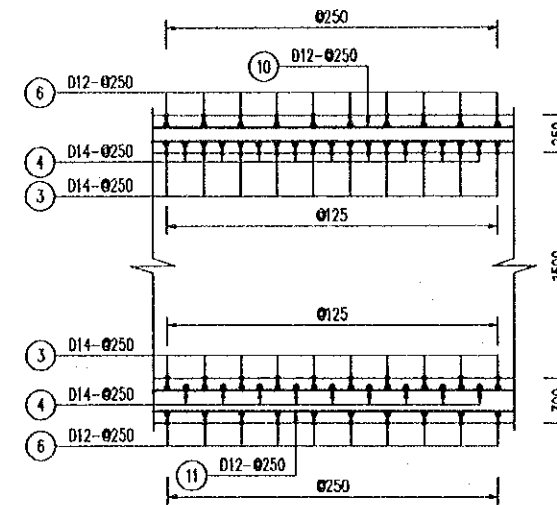
### SECTION C - C

SCALE 1:50



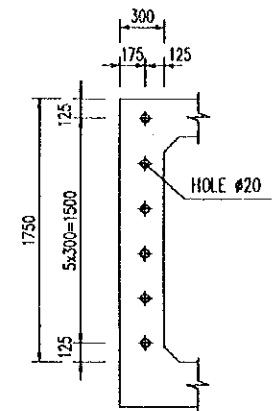
### SECTION D - D

SCALE 1:50



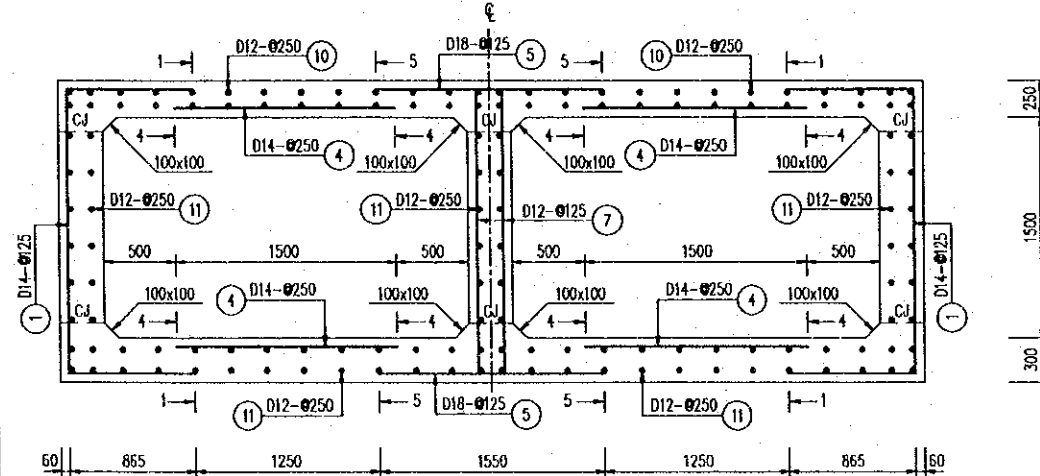
### POSITION OF HOLE

(SCALE 1:50)



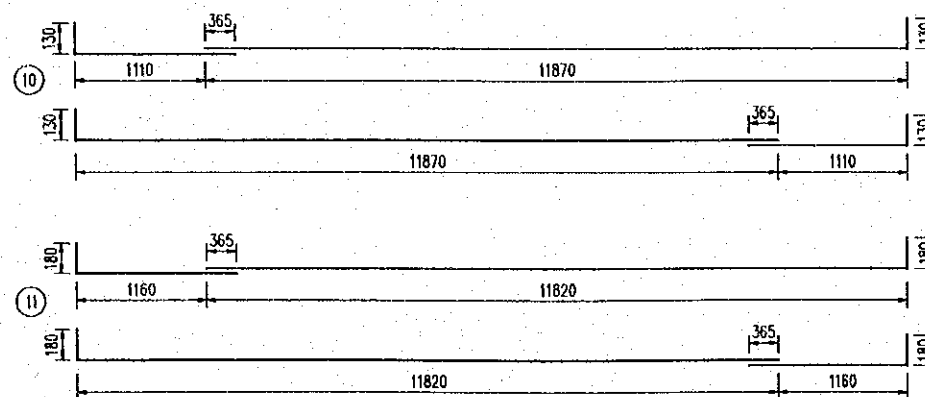
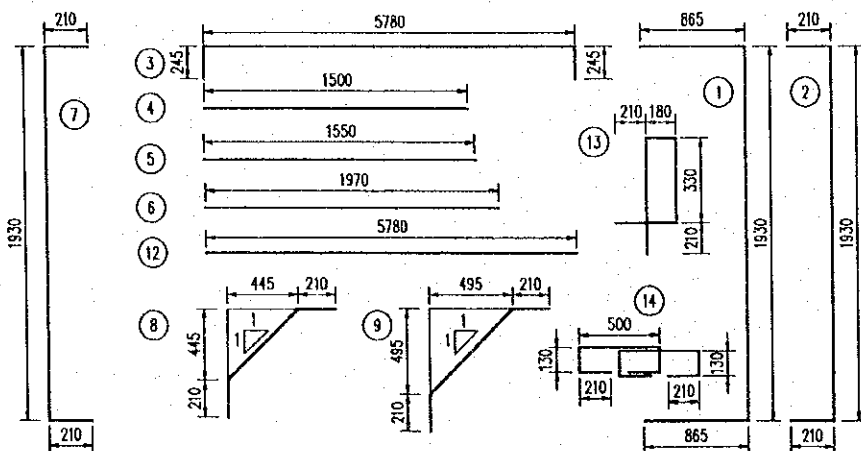
### SECTION B - B

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	3660	125	14	210	1.208	768.60	928.8
2	2350	250	12	106	0.888	249.10	221.2
3	6270	250	14	106	1.208	664.62	803.1
4	1500	250	14	208	1.208	312.00	377.0
5	1550	125	18	210	1.998	325.50	650.2
6	1970	250	12	212	0.888	417.64	370.8
7	2350	125	12	210	0.888	493.50	438.1
8	1049	250	12	212	0.888	222.39	197.4
9	1120	250	12	212	0.888	237.44	210.8
10	13605	250	12	52	0.888	707.46	628.1
11	13705	250	12	88	0.888	1206.04	1070.7
12	5780	250	12	4	0.888	23.12	20.5
13	1440	250	12	52	0.888	74.88	66.5
14	1180	250	12	314	0.888	370.99	329.4
TOTAL						CONCRETE : 61.43 m <sup>3</sup>	REINFORCEMENT : 6312.7 kg

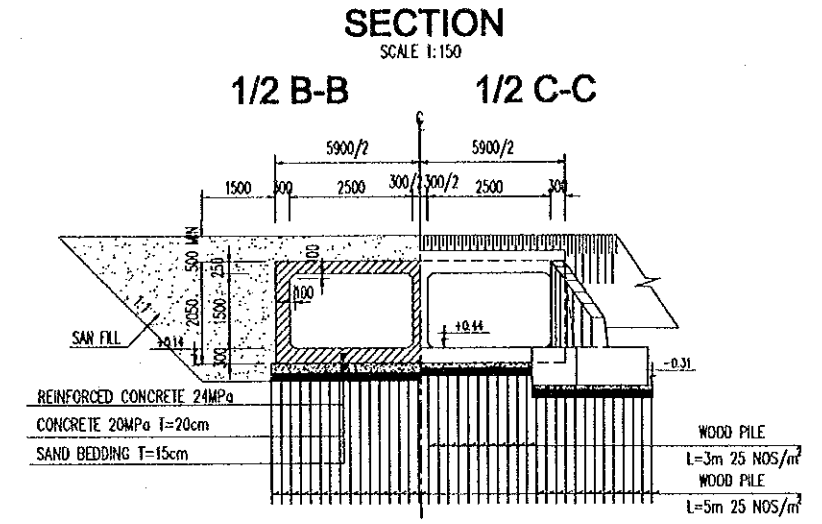
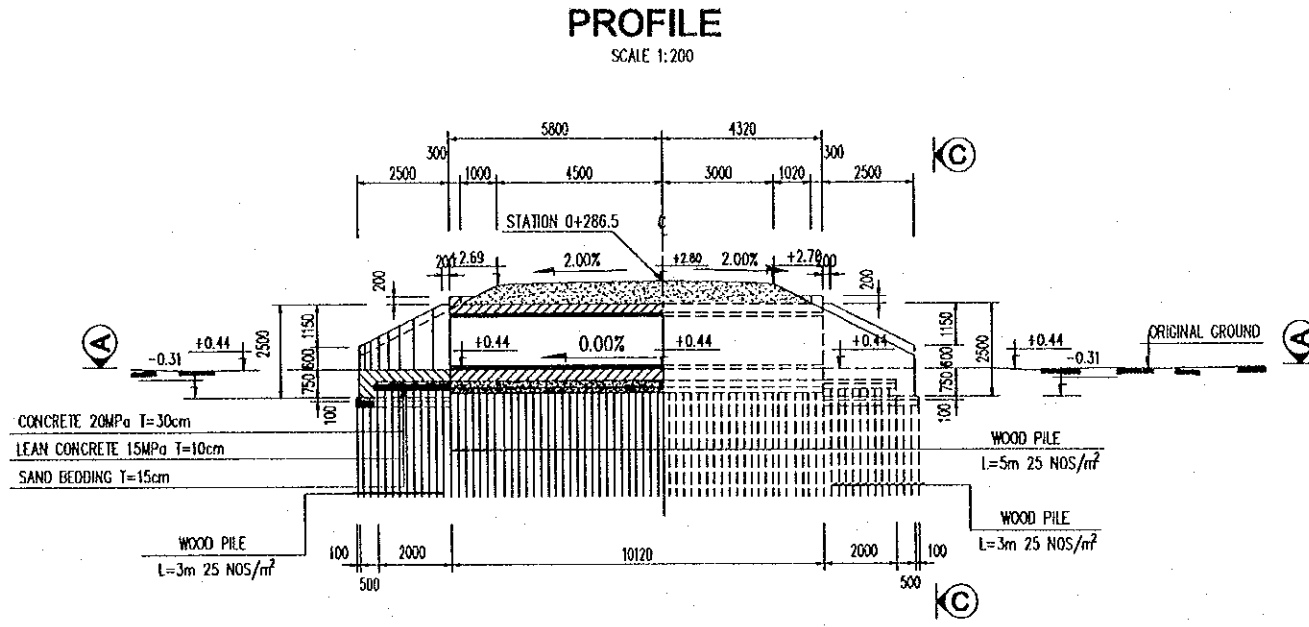


### NOTES :

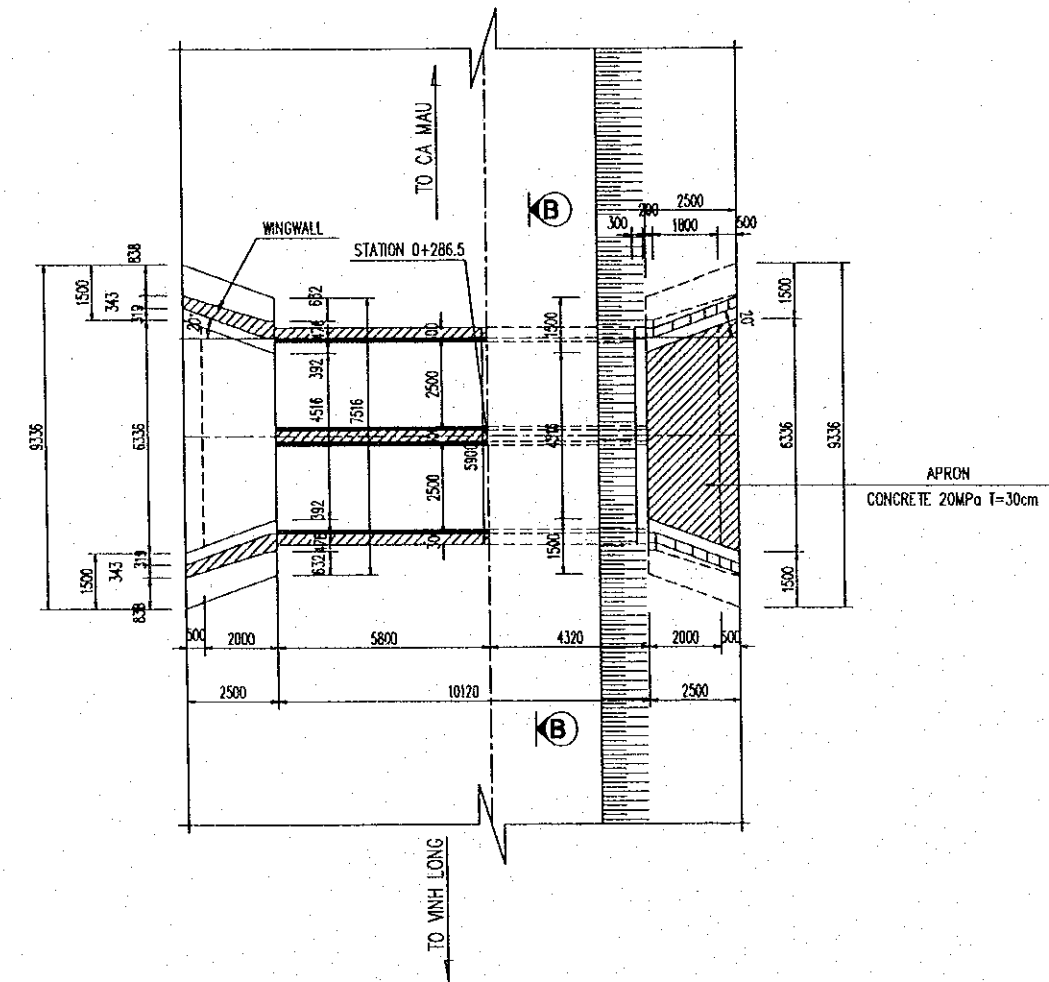
- 1- ALL DIMENSIONS ARE IN MILLIMETER UNLESS OTHERWISE INDICATED.
- 2- LENGTH OF SEGMENT SEE GENERAL VIEW DRAWING.

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	NIPON KOBİ CO.,LTD.	K. Nemoto	K. Nakai	K. Enomoto	REINFORCEMENT OF CULVERT INTERCHANGE 3-RAMP "A" STATION 0+154	P3/BC/0530

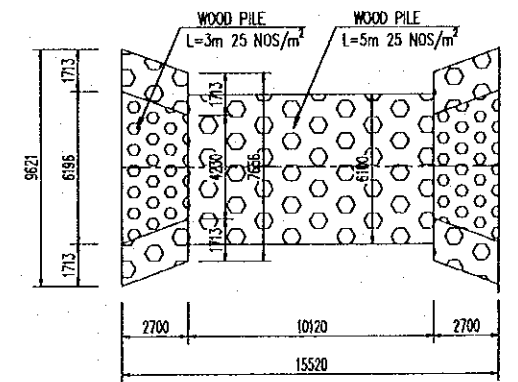
# BOX CULVERT FOR DRAINAGE (STATION 0+286.5 RAMP "B" - INTERCHANGE 3)



1/2 A-A      1/2 PLAN  
SCALE 1:200      SCALE 1:200



### PLAN LAYOUT OF WOOD PILE SCALE 1:300

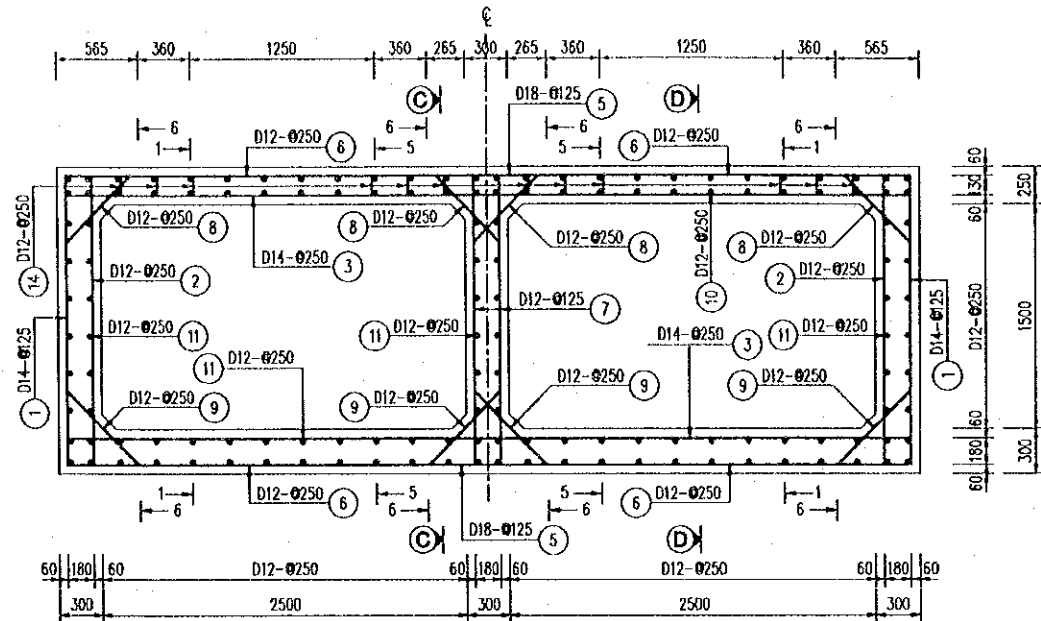


- NOTES :
- 1- ALL DIMENSIONS ARE IN MILLIMETER UNLESS OTHERWISE INDICATED.
  - 2- ELEVATIONS ARE IN METERS IN REFERENCE TO THE NATIONAL DATUM LEVEL.
  - 3- WINGWALL IS SIMILAR TO BOX CULVERT AT STATION 9+760 - DRAWING No P3/BC/0180.

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: 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 INTERCHANGE 3 - RAMP "B" STATION 0 + 286.50	P3/BC/0540

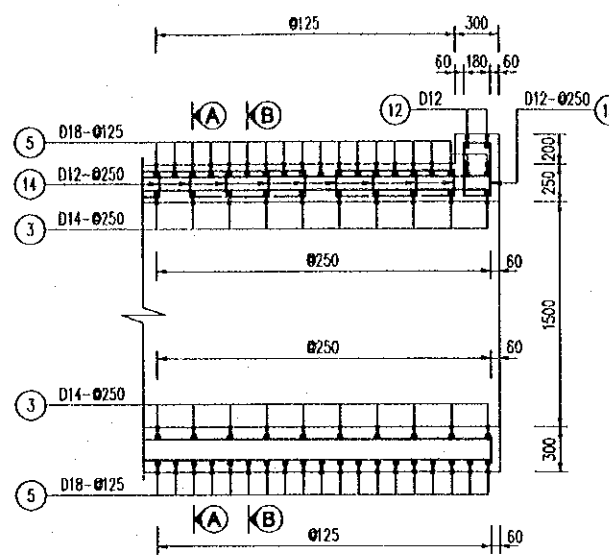
**SECTION A - A**

SCALE 1:50



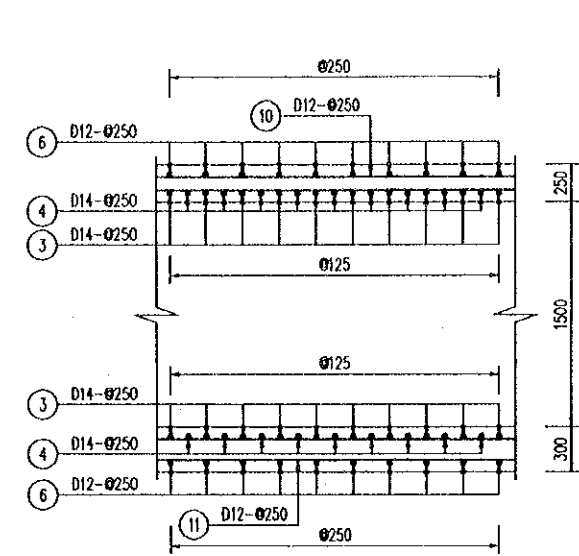
**SECTION C - C**

SCALE 1:50



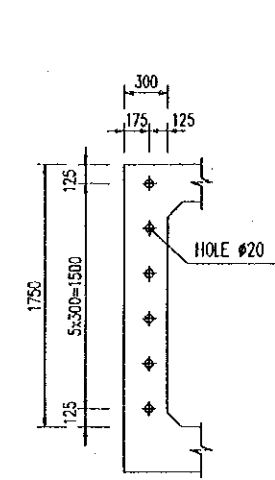
**SECTION D - D**

SCALE 1:50



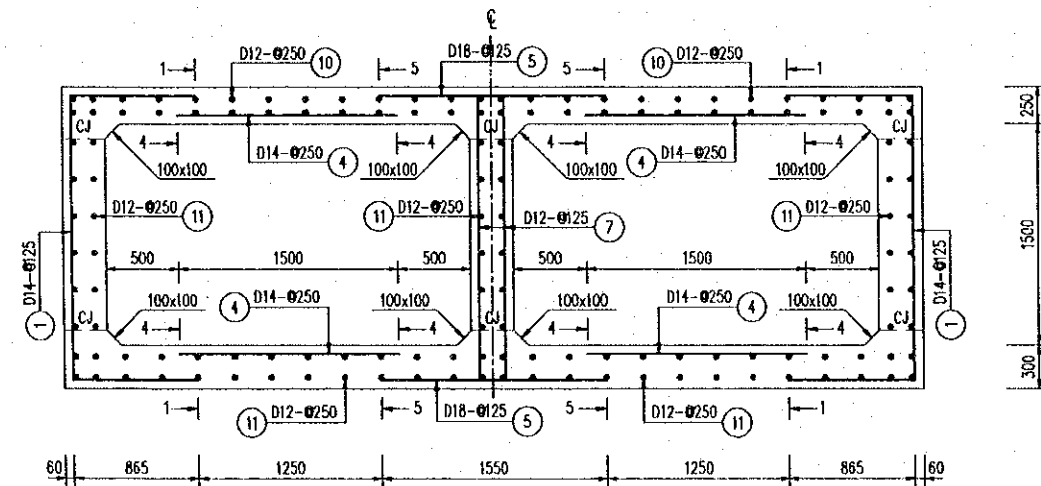
**POSITION OF HOLE**

(SCALE 1:50)



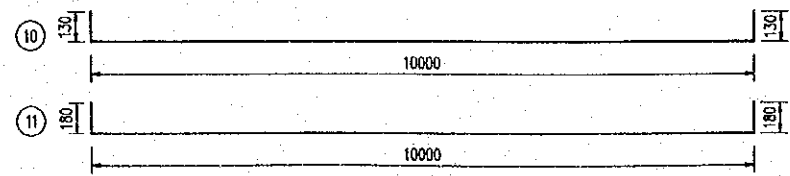
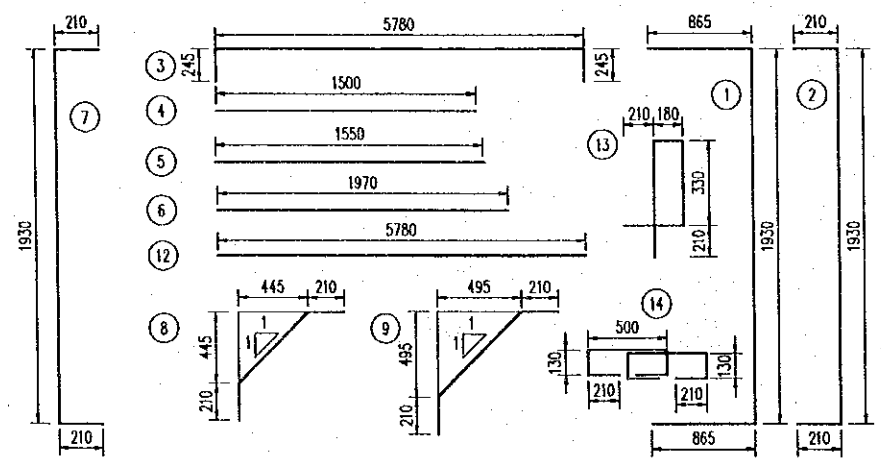
**SECTION B - B**

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	3660	125	14	162	1.208	592.92	716.5
2	2350	250	12	82	0.888	192.70	171.1
3	6270	250	14	82	1.208	514.14	621.3
4	1500	250	14	160	1.208	240.00	290.0
5	1550	125	18	162	1.998	251.10	501.6
6	1970	250	12	164	0.888	323.08	286.8
7	2350	125	12	162	0.888	380.70	338.0
8	1049	250	12	164	0.888	172.04	152.7
9	1120	250	12	164	0.888	183.68	163.1
10	10260	250	12	52	0.888	533.52	473.7
11	10360	250	12	88	0.888	911.68	809.4
12	5780	250	12	4	0.888	23.12	20.5
13	1440	250	12	52	0.888	74.88	66.5
14	1180	250	12	243	0.888	286.60	254.4
TOTAL						CONCRETE : 47.61 m <sup>3</sup>	REINFORCEMENT : 4865.6 kg

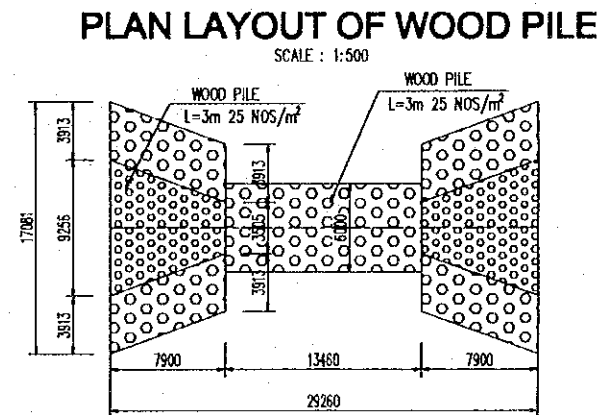
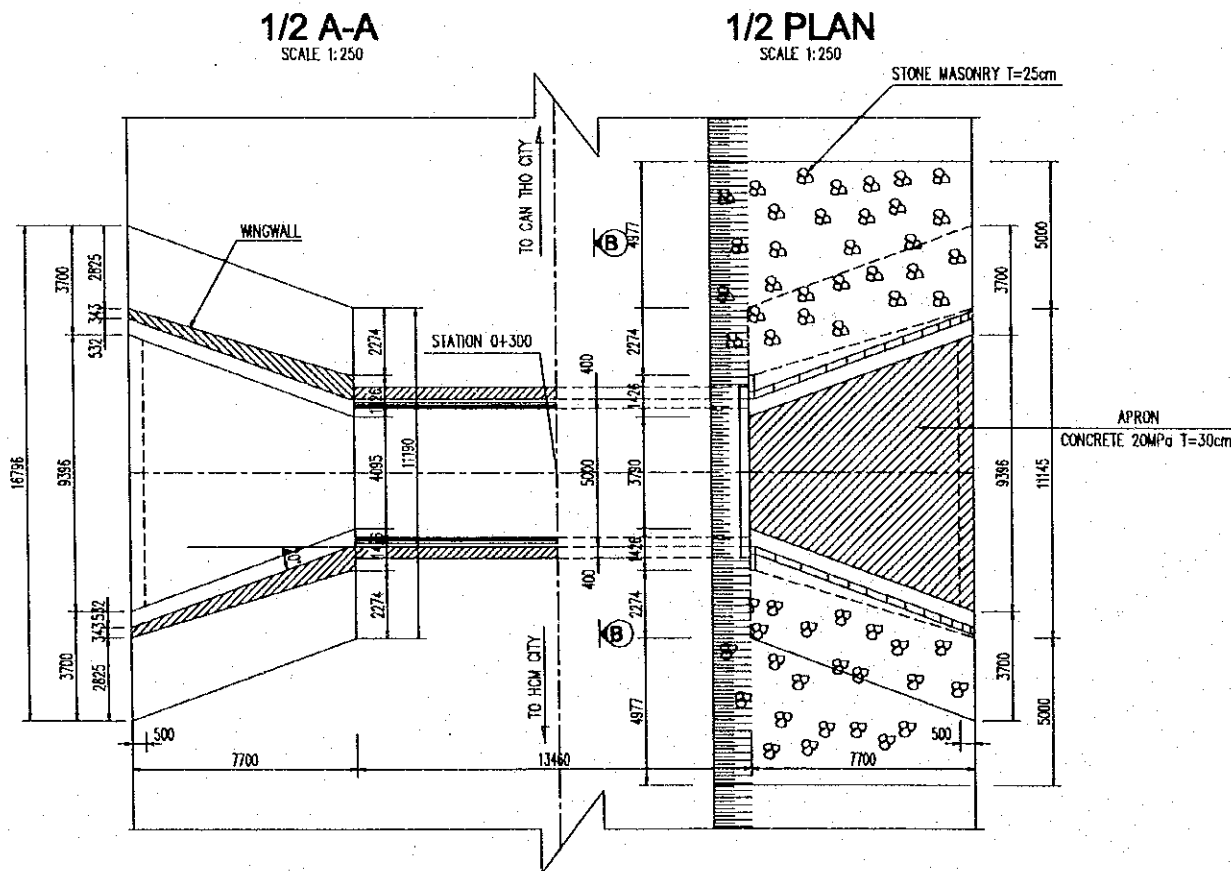
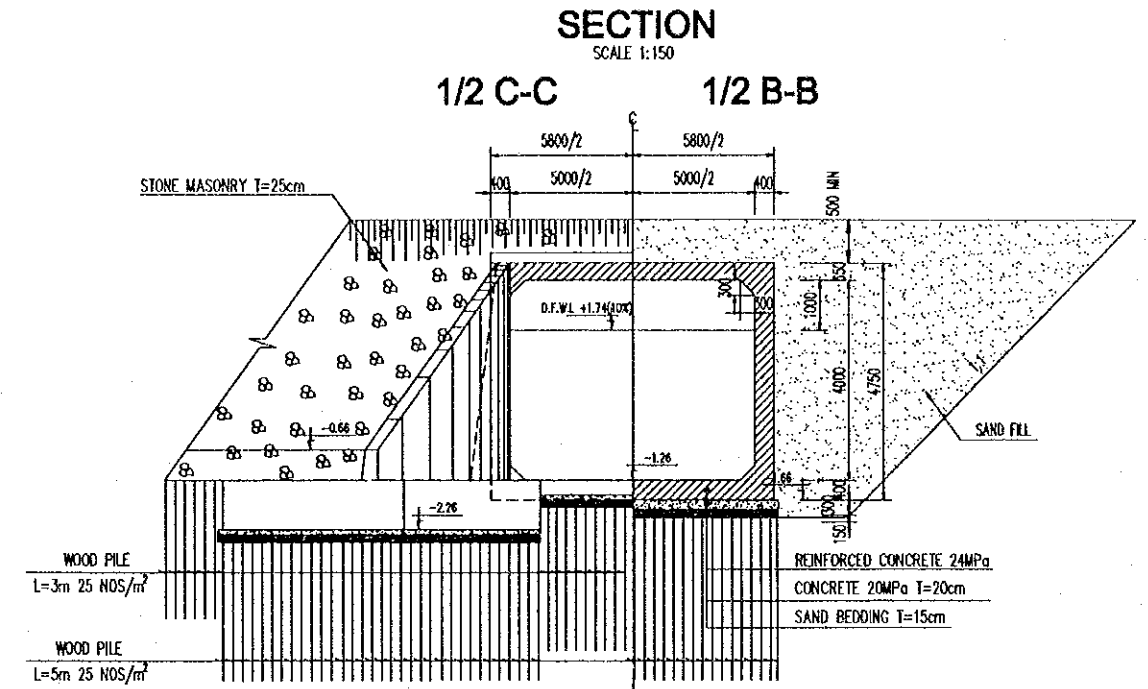
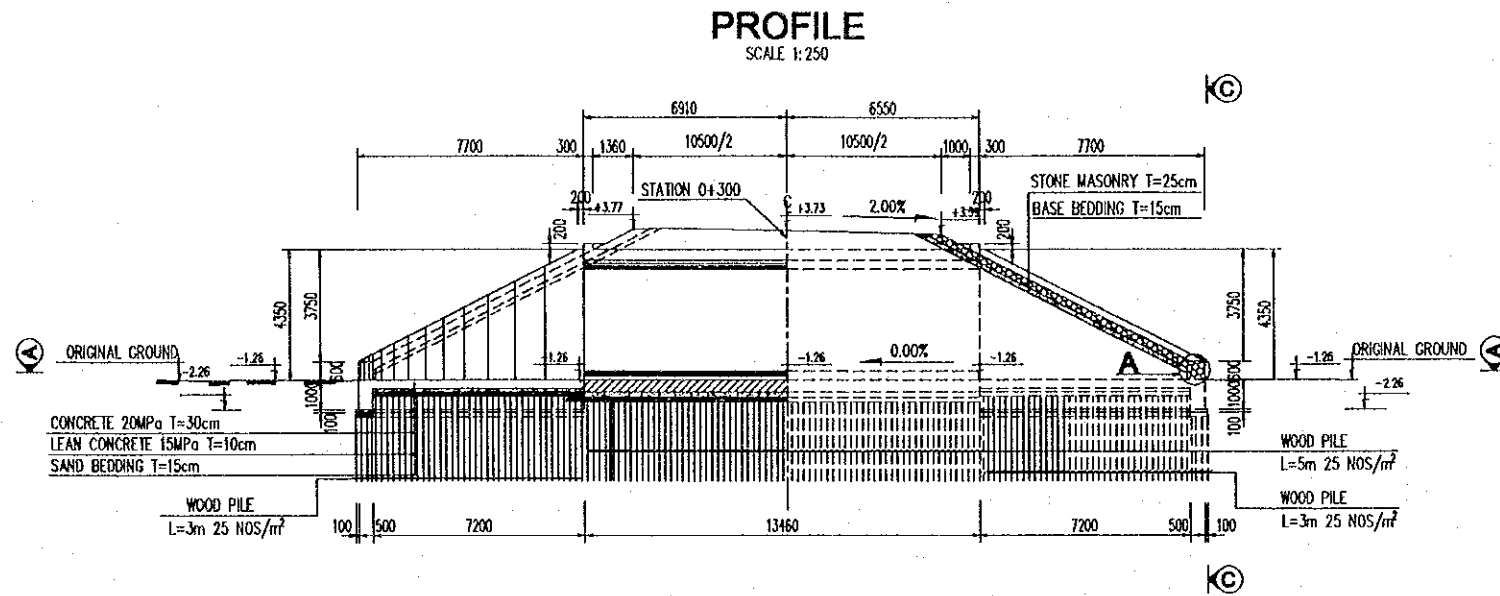


**NOTES:**

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

<b>PROJECT NAME</b> DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	<b>IMPLEMENTATION AGENCY</b> JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	<b>EXECUTING AGENCY</b> SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	<b>JICA STUDY TEAM</b> (NK) NIPPON KOBEL CO.,LTD.	<b>PREPARED BY</b> NAME: K. Nemoto SIGNATURE: <i>K. Nemoto</i> DATE: 20/9/2000	<b>CHECKED BY</b> K. Nakai SIGNATURE: <i>K. Nakai</i> DATE: 29/9/2000	<b>APPROVED BY</b> K. Enomoto SIGNATURE: <i>K. Enomoto</i> DATE: 5/10/2000	<b>DRAWING TITLE</b> REINFORCEMENT OF CULVERT INTERCHANGE 3-RAMP "B" STATION 0+286.5	<b>DWG NO.</b> P3/BC/0550
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# BOX CULVERT FOR DRAINAGE (STATION 0+300 RAMP "C" - INTERCHANGE 3)

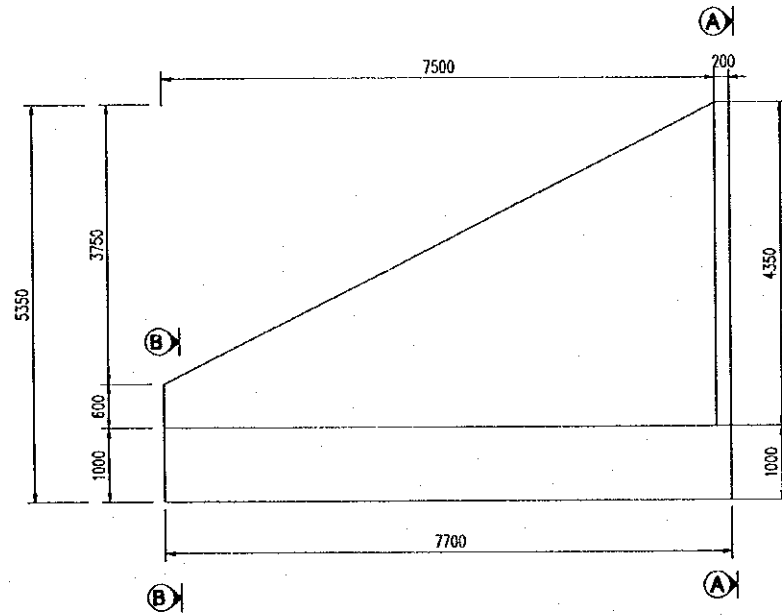


- NOTES :
- 1- ALL DIMENSIONS ARE IN MILLIMETER UNLESS OTHERWISE INDICATED.
  - 2- ELEVATIONS ARE IN METERS IN REFERENCE TO THE NATIONAL DATUM LEVEL.
  - 3- DETAIL A IS SHOWN IN THE DOCUMENT OF APPROACH ROAD - DRAWING No P3/MS/0190.

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 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 BOX CULVERT INTERCHANGE 3 - RAMP "C" STATION 0+300	P3/BC/0560

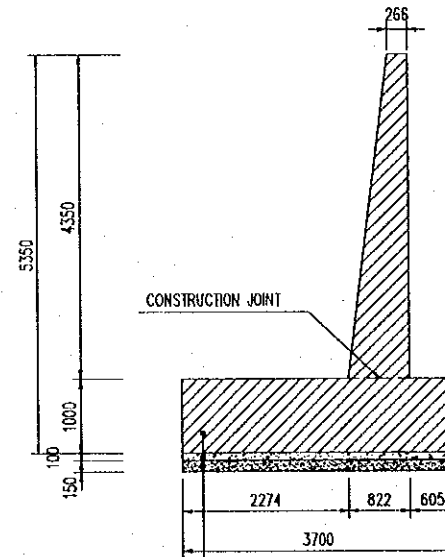
### WING WALL DETAIL

SCALE 1:100



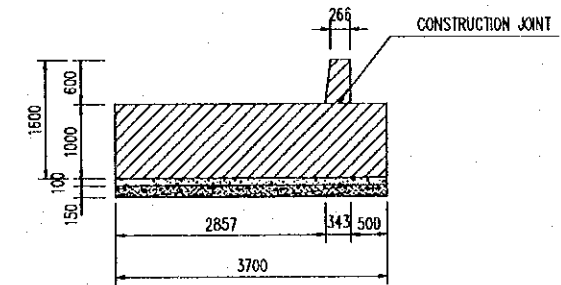
### A - A

SCALE 1:100



### B - B

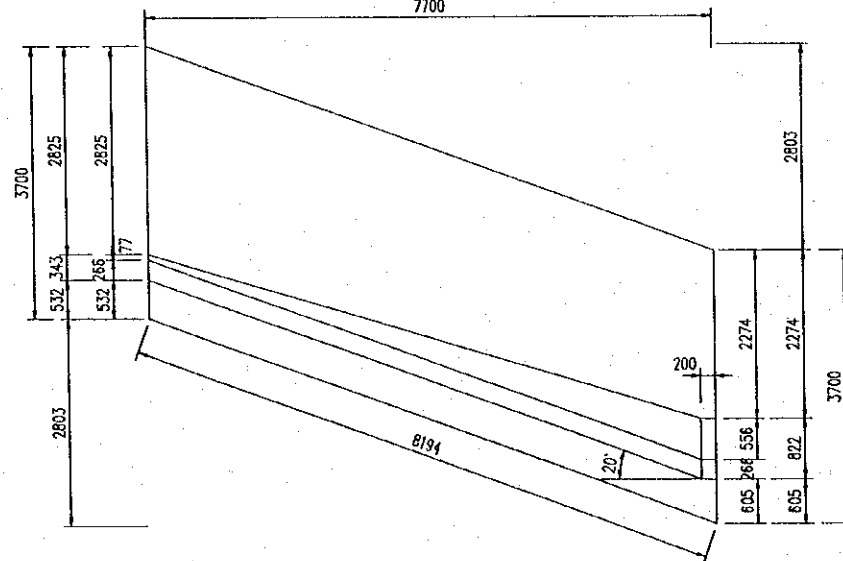
SCALE 1:100



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

### PLAN

SCALE 1:100  
7700



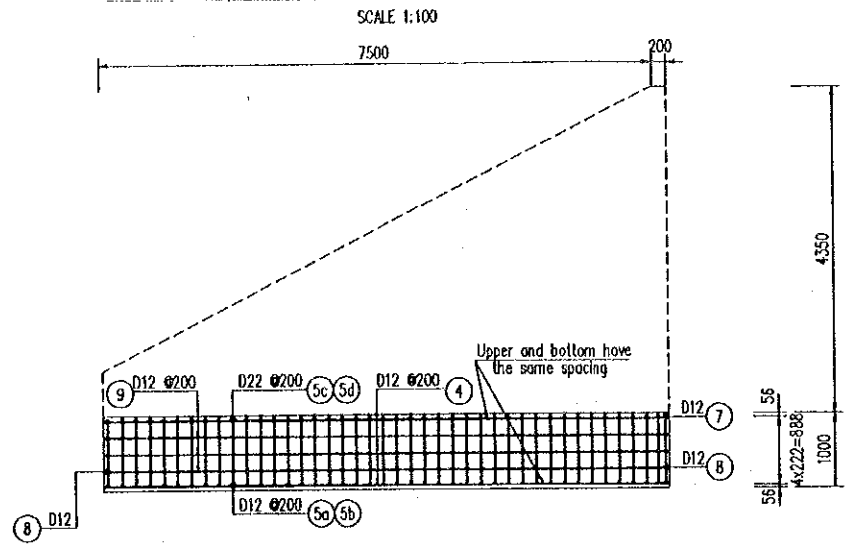
### NOTES:

- 1- ALL DIMENSIONS ARE IN MILLIMETER UNLESS OTHERWISE INDICATED.
- 2- THIS DRAWING IS USED FOR ALL WING WALL OF THIS CULVERT.

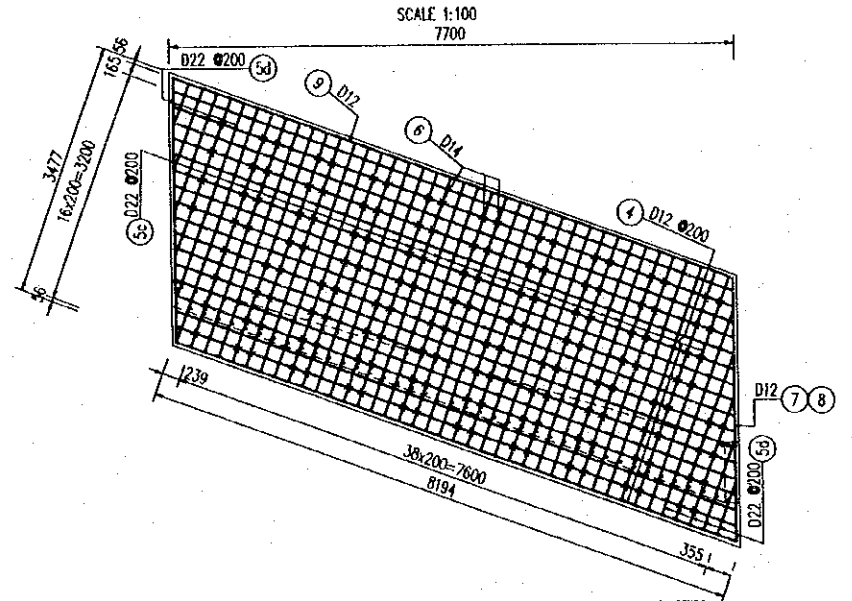
PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM	PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN 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	INTERCHANGE 3 GENERAL VIEW OF WING WALL STATION 0+300 RAMP "C"	P3/BC/0570



### RIENFORCEMENT OF WING WALL

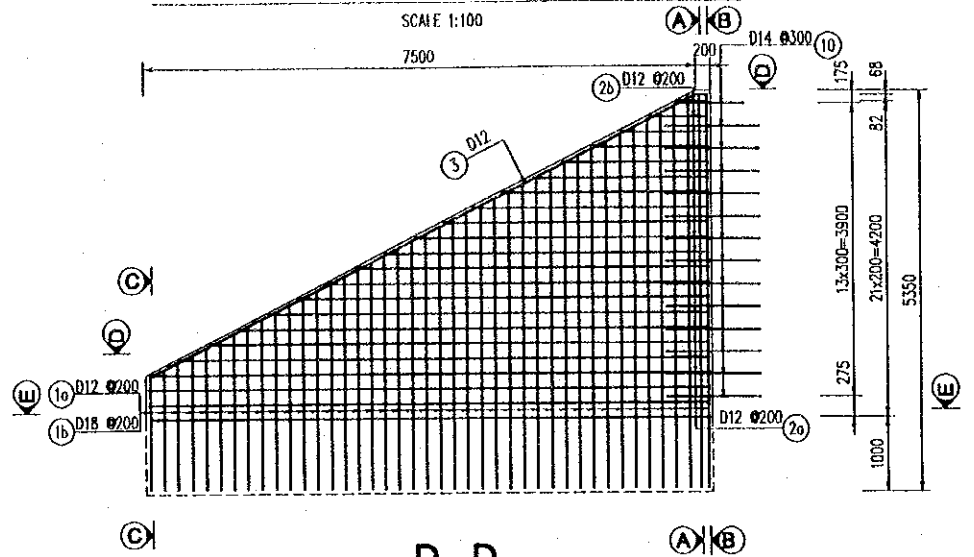


**TOP REINFORCEMENT**

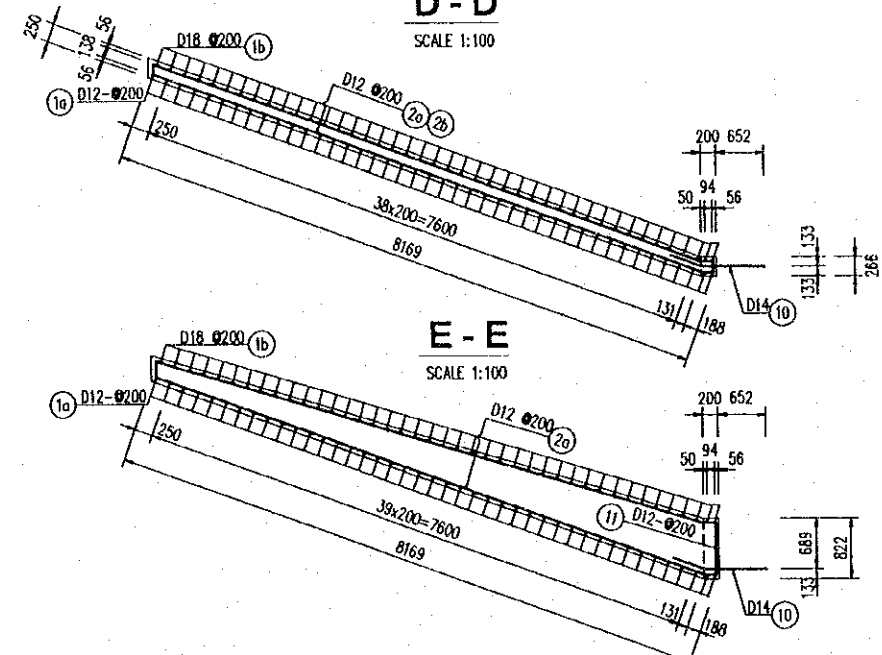


**BOTTOM REINFORCEMENT**

### RIENFORCEMENT OF WING WALL

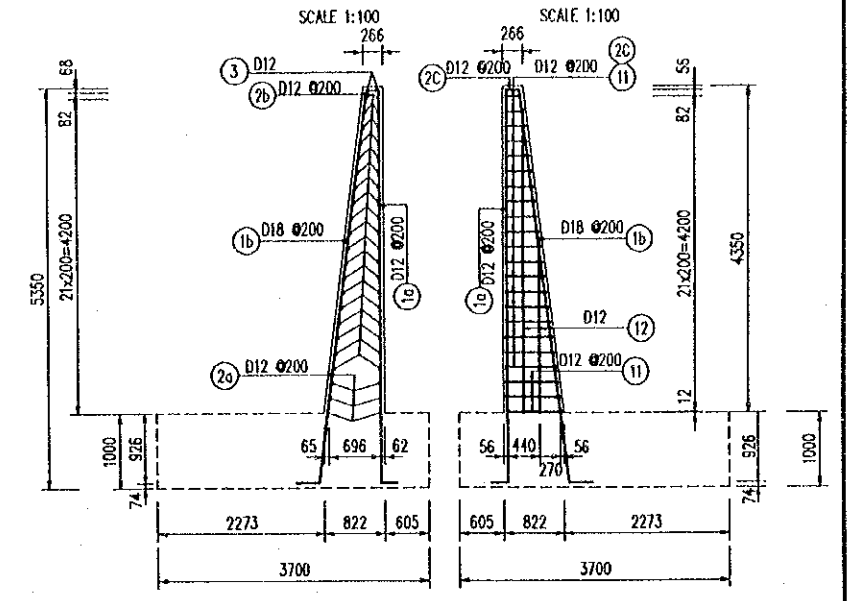


**D-D**  
SCALE 1:100

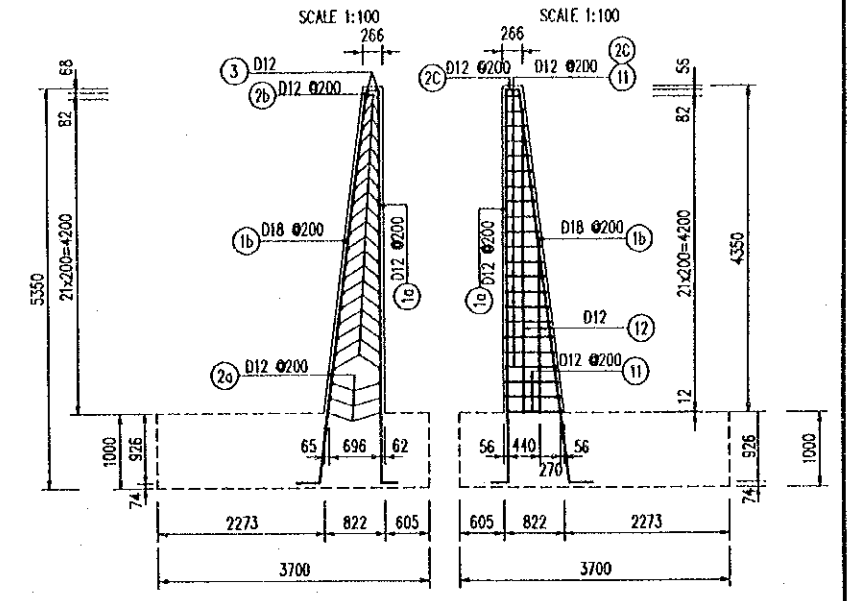


**E-E**  
SCALE 1:100

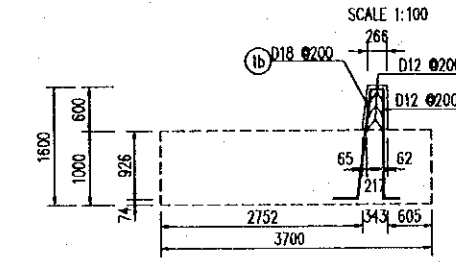
### A-A



### B-B

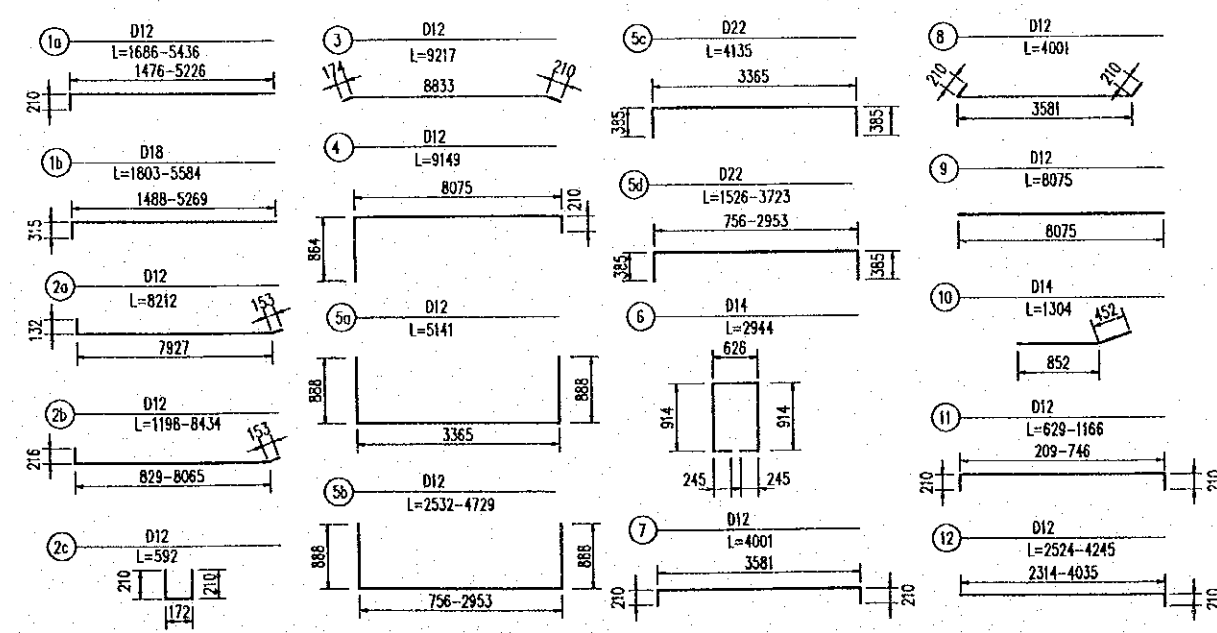


### C-C



### QUANTITIES TABLE

BAR MARK	UNIT LENGTH (mm)	DIAMETER (mm)	NUMBER OF BAR	UNIT WEIGHT (kg/m)	TOTAL LENGTH (m)	TOTAL WEIGHT (kg)
1a	3561	12	48	0.888	170.9	151.8
1b	3694	18	48	1.998	177.3	354.1
2a	8212	12	6	0.888	49.3	43.7
2b	4816	12	38	0.888	183.0	162.5
2c	592	12	48	0.888	28.4	25.2
3	9217	12	2	0.888	18.4	16.4
4	9149	12	34	0.888	311.1	276.2
5a	5141	12	35	0.888	179.9	159.7
5b	3631	12	20	0.888	72.6	64.5
5c	4135	22	35	2.984	144.7	431.9
5d	2625	22	20	2.984	52.5	156.6
6	2944	14	80	1.208	235.5	284.6
7	4001	12	4	0.888	16.0	14.2
8	4001	12	6	0.888	24.0	21.3
9	8075	12	6	0.888	48.5	43.0
10	1304	14	14	1.208	18.3	22.1
11	898	12	22	0.888	19.7	17.5
12	3385	12	3	0.888	10.2	9.0
CONCRETE				37.72 m <sup>3</sup>		
REINFORCEMENT				D<14		1311.7 kg
REINFORCEMENT				14<D<25		942.6 kg
TOTAL REINFORCEMENT :						2254.3 kg

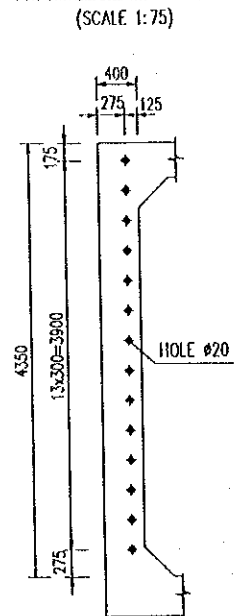


**NOTES:**  
 1- ALL DIMENSIONS ARE IN MILLIMETER UNLESS OTHERWISE INDICATED.  
 2- THIS QUANTITIES TABLE IS ONLY CALCULATED FOR ONE WING WALL.

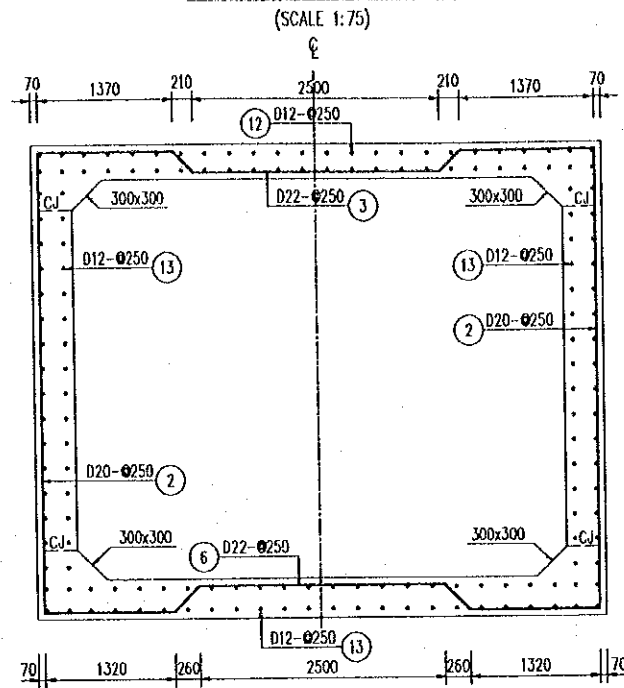
<b>PROJECT NAME</b> DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	<b>IMPLEMENTATION AGENCY</b> JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	<b>EXECUTING AGENCY</b> SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	<b>JICA STUDY TEAM</b> NIPPON KOBİ CO.,LTD.	<b>PREPARED BY</b> K. Nemoto	<b>CHECKED BY</b> K. Nakai	<b>APPROVED BY</b> K. Enomoto	<b>DRAWING TITLE</b> REINFORCEMENT OF WING WALL INTERCHANGE 3 RAMP "C" STATION 0+300	<b>DWG NO.</b> P3/BC/0580
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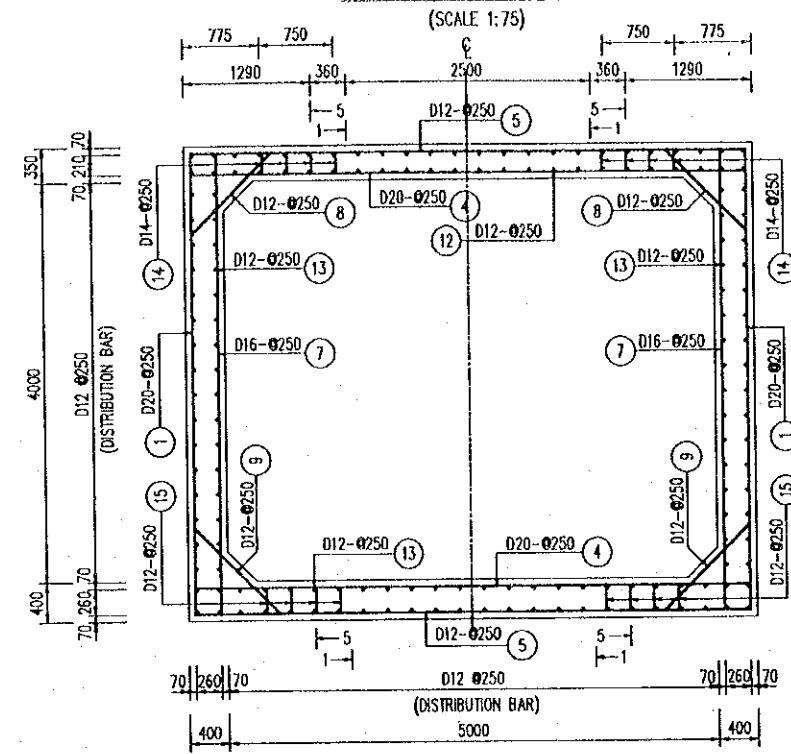
**POSITION OF HOLE**



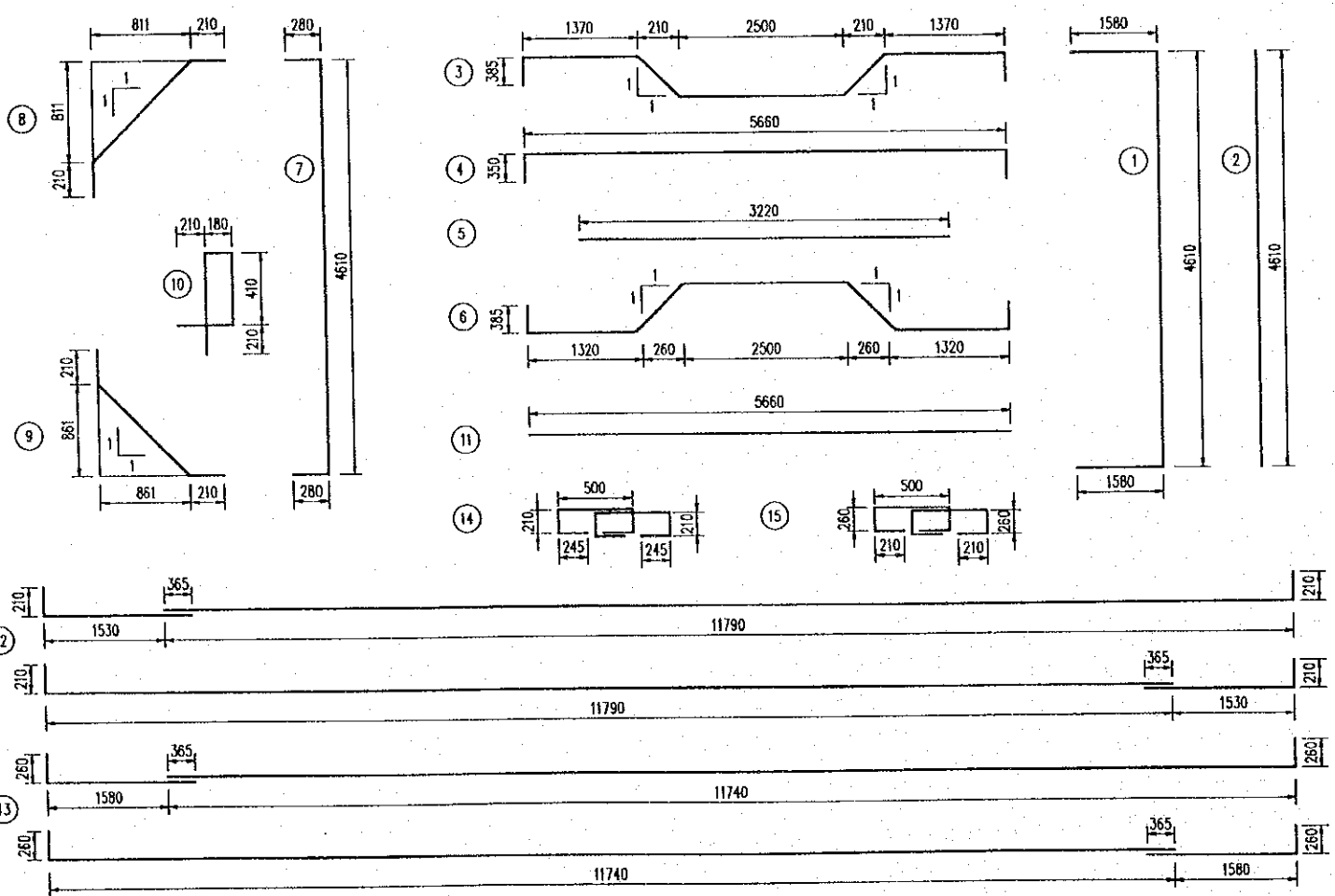
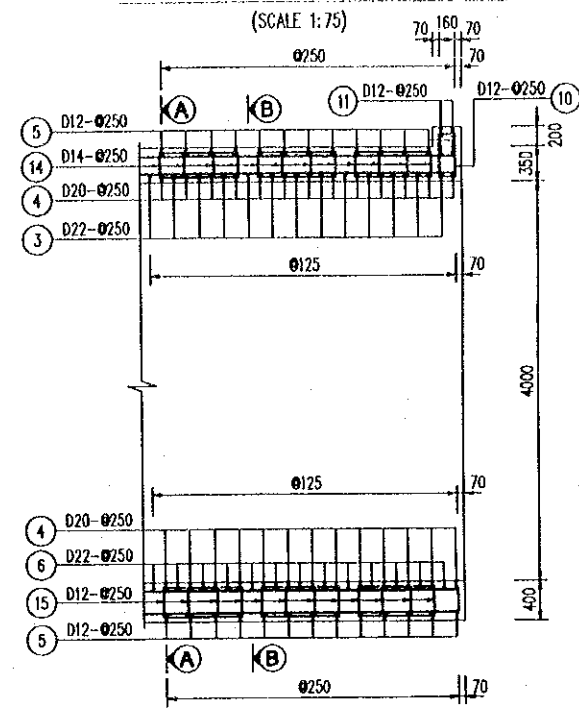
**SECTION B - B**



**SECTION A - A**



**THE END OF BARREL**



**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	7770	250	20	108	2.466	839.16	2069.5
2	4610	250	20	106	2.466	488.66	1205.1
3	6604	250	22	53	2.984	350.01	1044.4
4	6360	250	20	108	2.466	686.88	1693.9
5	3220	250	12	108	0.888	347.76	308.7
6	6645	250	22	53	2.984	352.19	1050.9
7	5170	250	16	108	1.578	558.36	881.3
8	1567	250	12	108	0.888	169.23	150.2
9	1638	250	12	108	0.888	176.86	157.0
10	1580	250	12	48	0.888	74.88	66.5
11	5660	180	12	4	0.888	22.64	20.1
12	14105	250	12	48	0.888	677.04	601.1
13	14205	250	12	112	0.888	1590.96	1412.5
14	1410	250	14	162	1.208	228.42	276.0
15	1440	250	12	162	0.888	233.28	207.1
TOTAL	CONCRETE : 104.74 m <sup>3</sup>			REINFORCEMENT : 11144.5 kg			

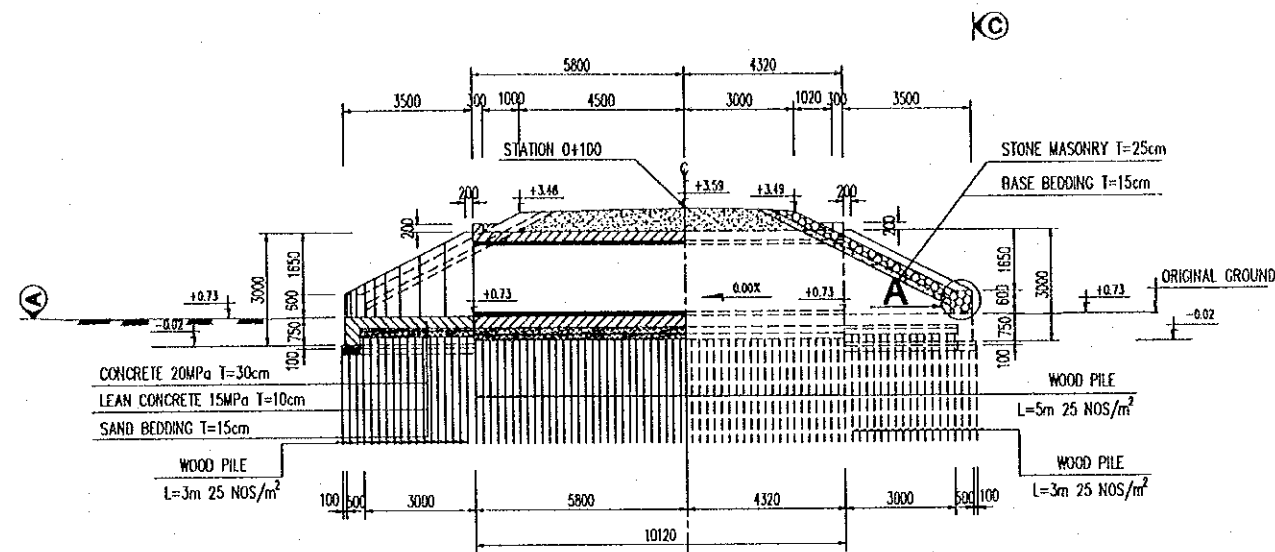
**NOTE :**

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

PROJECT NAME DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	IMPLEMENTATION AGENCY JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	EXECUTING AGENCY SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	JICA STUDY TEAM (NK) NIPPON KOEI CO.,LTD.	PREPARED BY NAME: K. Nemoto SIGNATURE: [Signature] DATE: 20/9/2000	CHECKED BY NAME: K. Nakai SIGNATURE: [Signature] DATE: 24/9/2000	APPROVED BY NAME: K. Enomoto SIGNATURE: [Signature] DATE: 5/10/2000	DRAWING TITLE REINFORCEMENT OF CULVERT INTERCHANGE 3 RAMP "C" STATION 0+300	DWG NO. P3/BC/0590
				TOTAL				

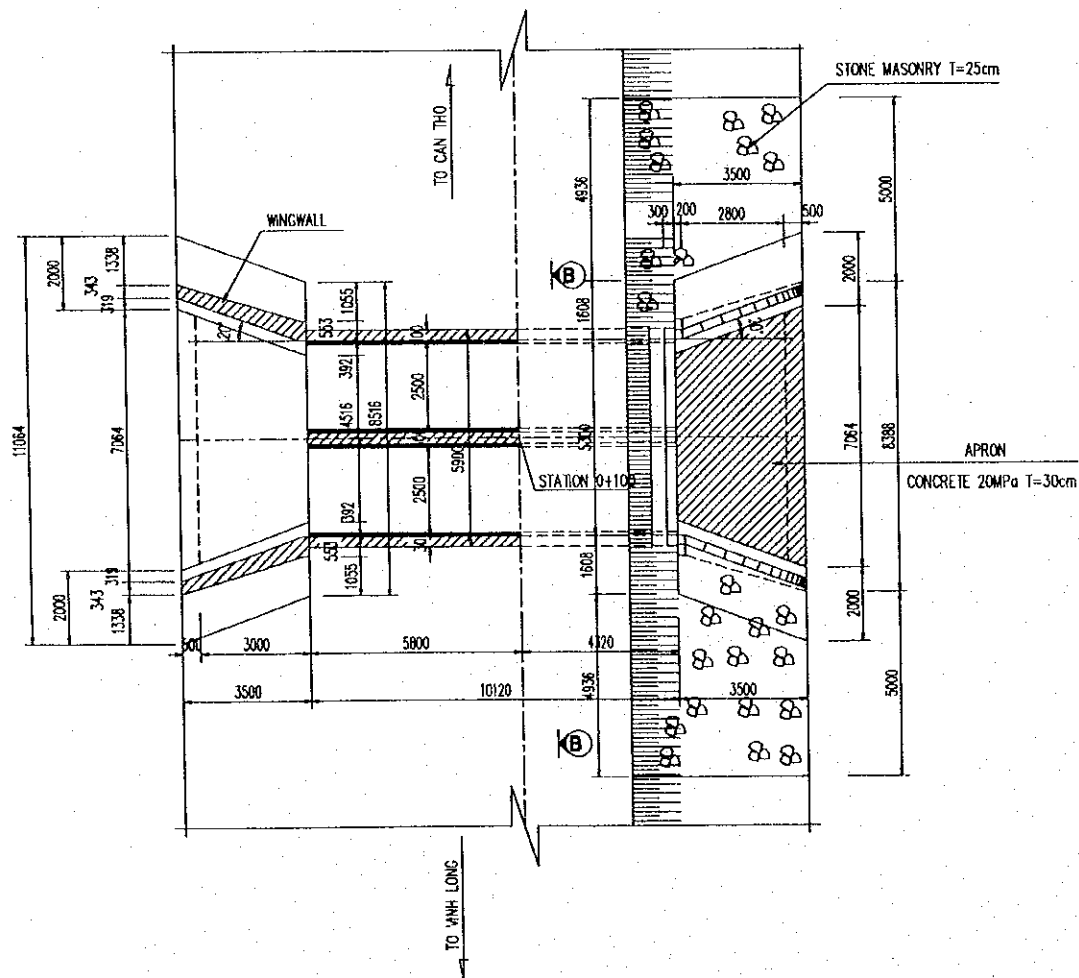
# BOX CULVERT FOR DRAINAGE (INTERCHANGE 3 RAMP "D" STATION 0+100)

**PROFILE**  
SCALE 1:200

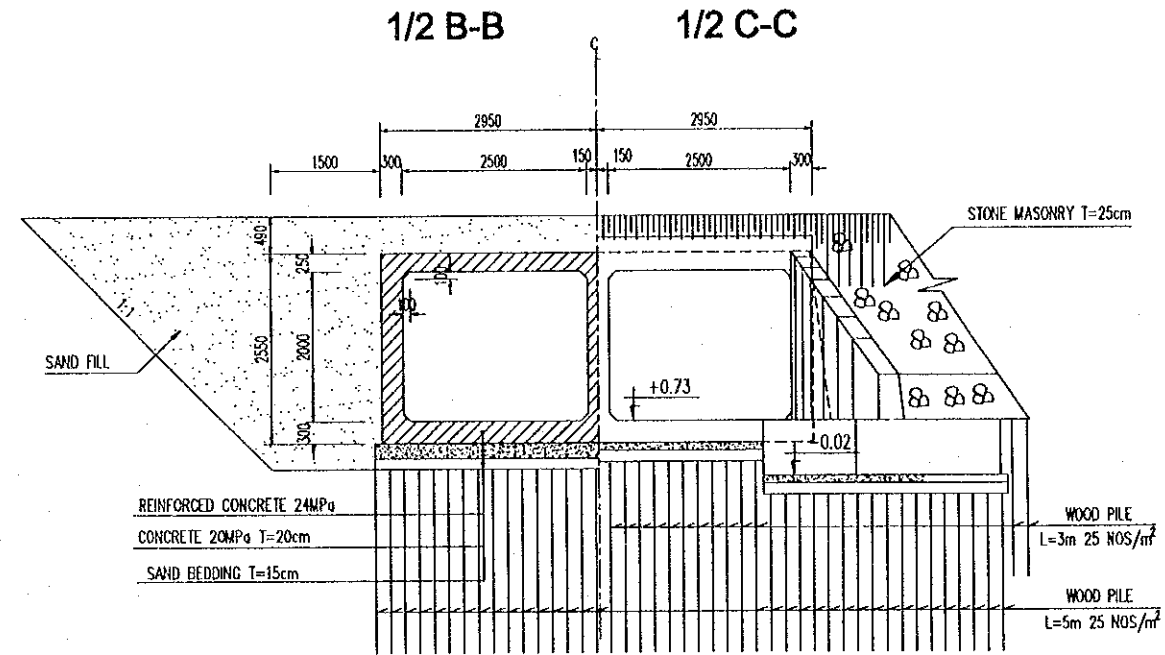


**1/2 A-A**  
SCALE 1:200

**1/2 PLAN**  
SCALE 1:200

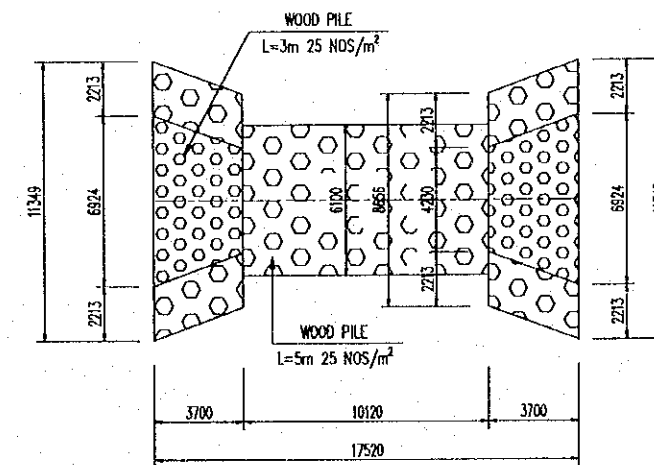


**SECTION**  
SCALE 1:100



**PLAN LAYOUT OF WOOD PILE**

SCALE 1:300

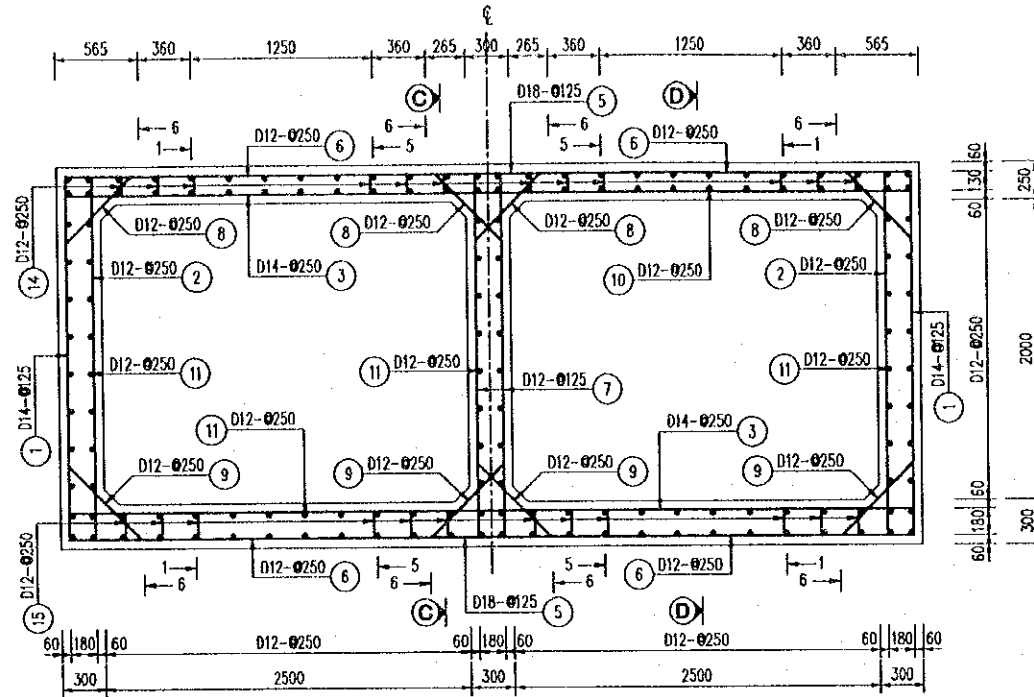


- NOTES :
- 1- ALL DIMENSIONS ARE IN MILLIMETER UNLESS OTHERWISE INDICATED.
  - 2- ELEVATIONS ARE IN METERS IN REFERENCE TO THE NATIONAL DATUM LEVEL.
  - 3- WINGWALL IS SIMILAR TO BOX CULVERT AT STATION 7+950 - DRAWING No P3/BC/0100.
  - 4- DETAIL A IS SHOWN IN THE DOCUMENT OF APPROACH ROAD - DRAWING 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	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 BOX CULVERT INTERCHANGE 3 RAMP "D" STATION 0+100	P3/BC/0600

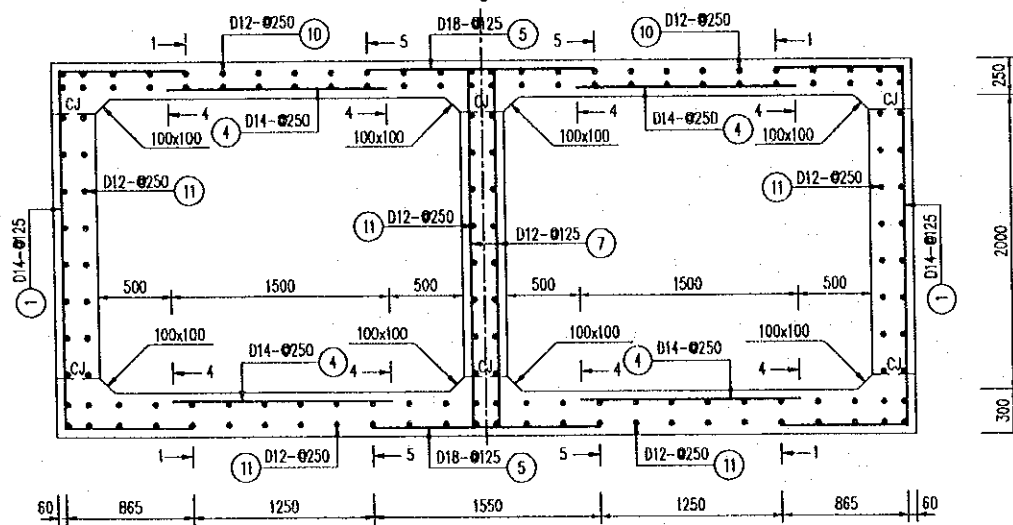
**SECTION A - A**

SCALE 1:50



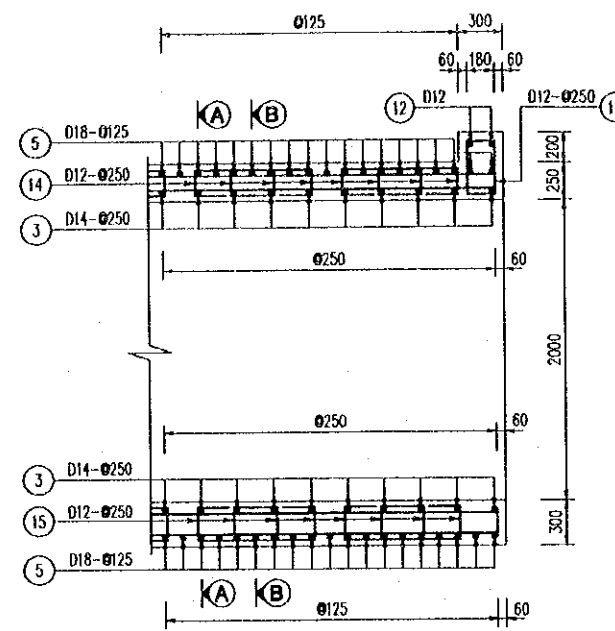
**SECTION B - B**

SCALE 1:50



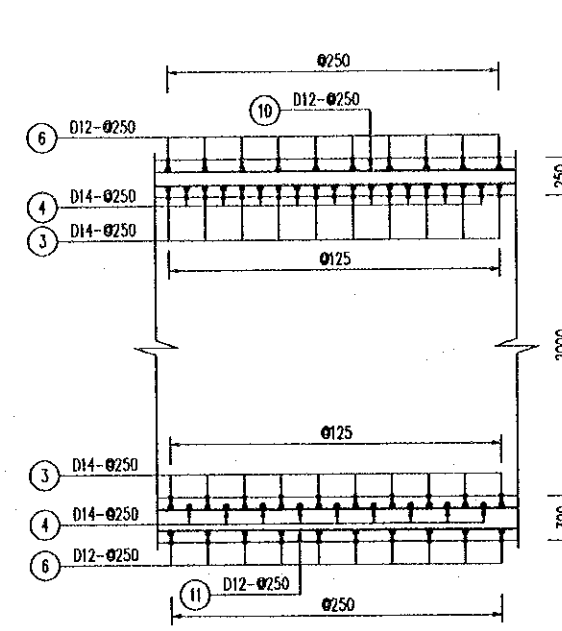
**SECTION C - C**

SCALE 1:50



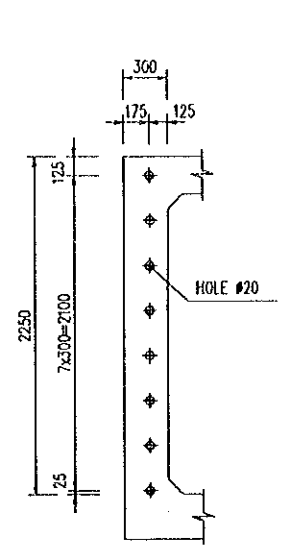
**SECTION D - D**

SCALE 1:50



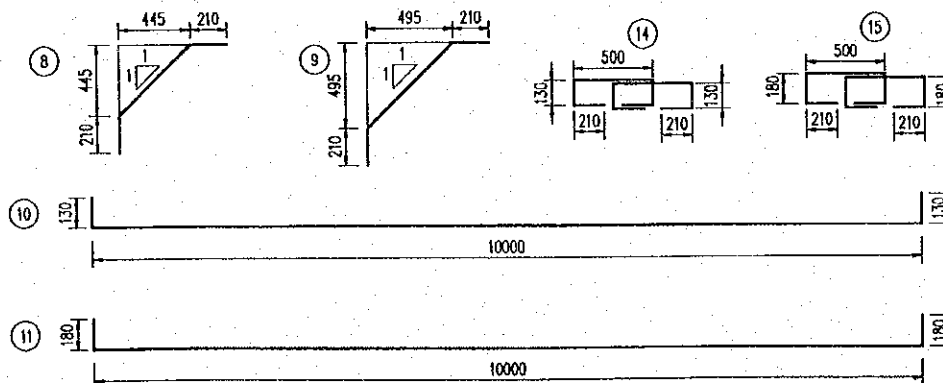
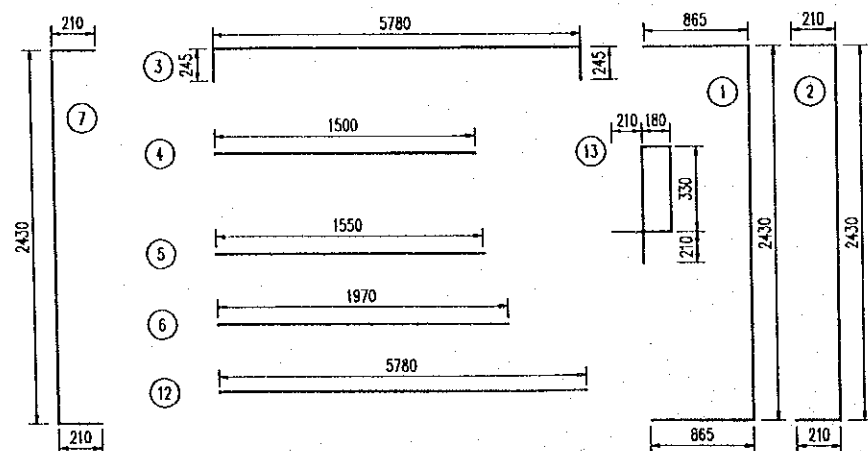
**POSITION OF HOLE**

(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	4160	125	14	162	1.208	673.92	814.4
2	2850	250	12	82	0.888	233.70	207.5
3	6270	250	14	82	1.208	514.14	621.3
4	1500	250	14	160	1.208	240.00	290.0
5	1550	125	18	162	1.998	251.10	501.6
6	1970	250	12	164	0.888	323.08	286.8
7	2850	125	12	162	0.888	461.70	409.9
8	1049	250	12	164	0.888	172.04	152.7
9	1120	250	12	164	0.888	183.68	163.1
10	10260	250	12	52	0.888	533.52	473.7
11	10360	250	12	100	0.888	1036.00	919.8
12	5780	250	12	4	0.888	23.12	20.5
13	1440	250	12	52	0.888	74.88	68.5
14	1180	250	12	243	0.888	286.60	254.4
TOTAL	CONCRETE : 52.17 m <sup>3</sup>		REINFORCEMENT : 5182.2 kg				

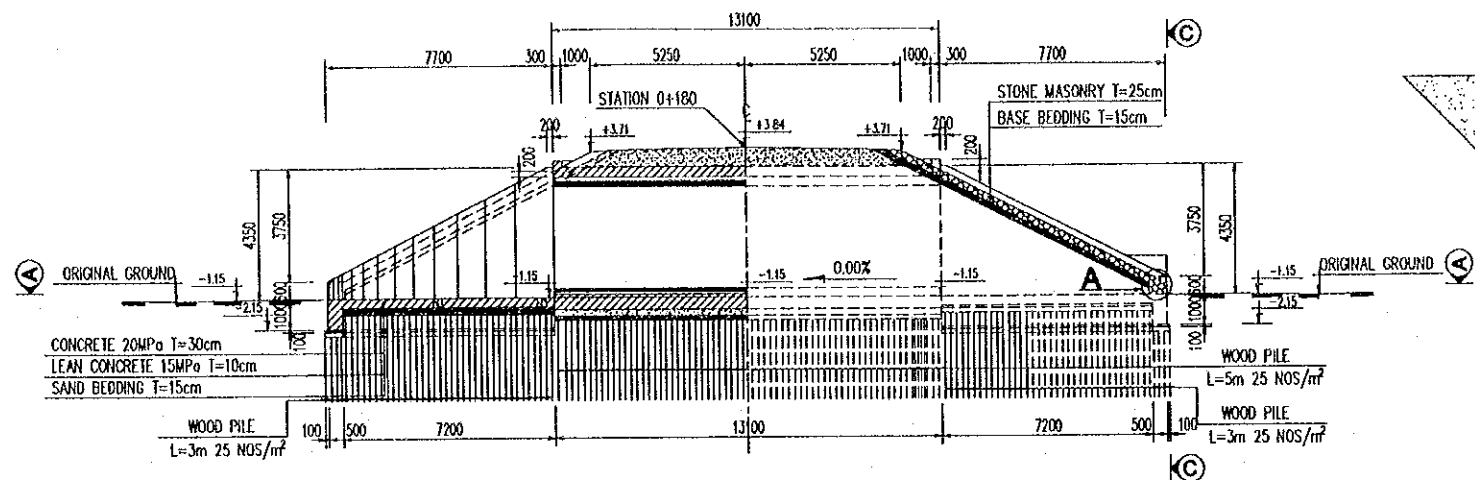


**NOTES :**

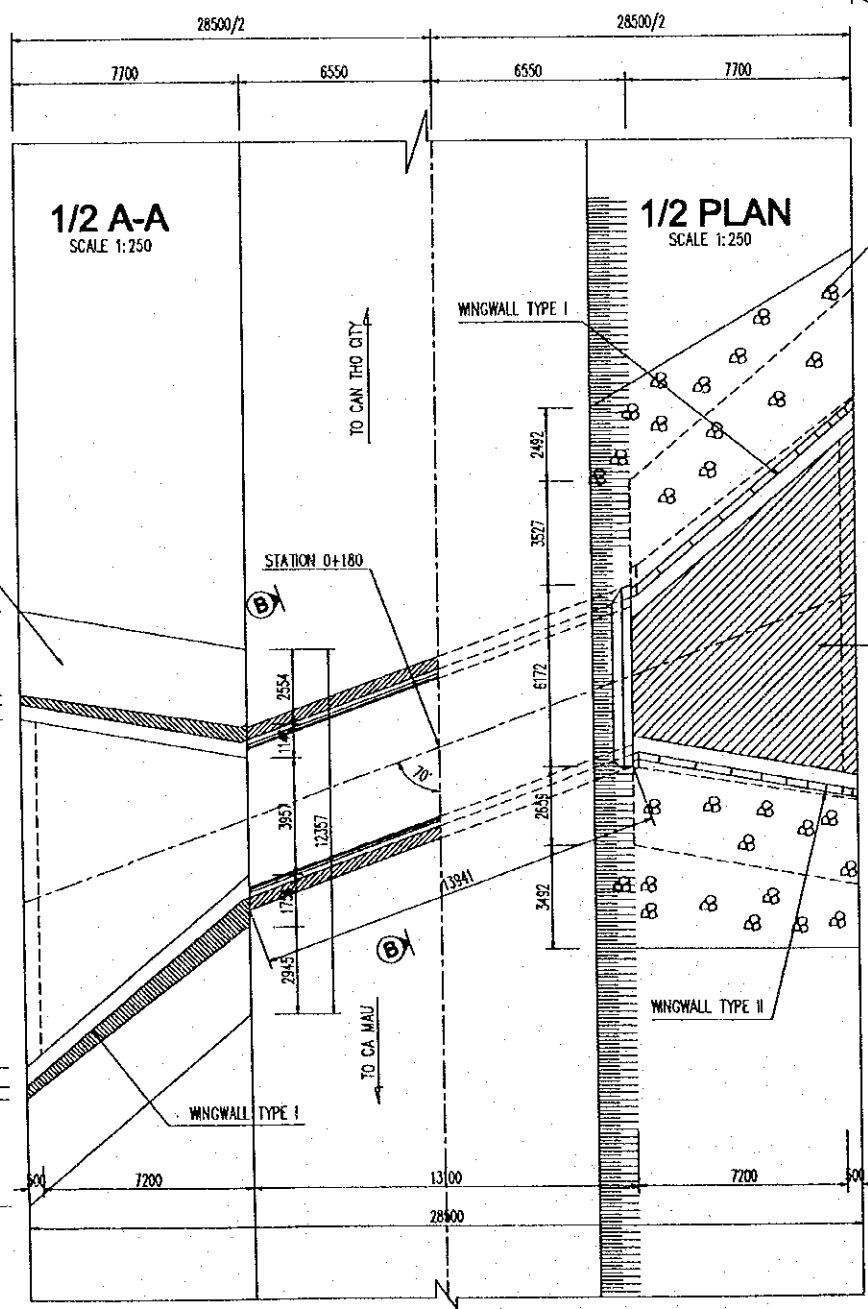
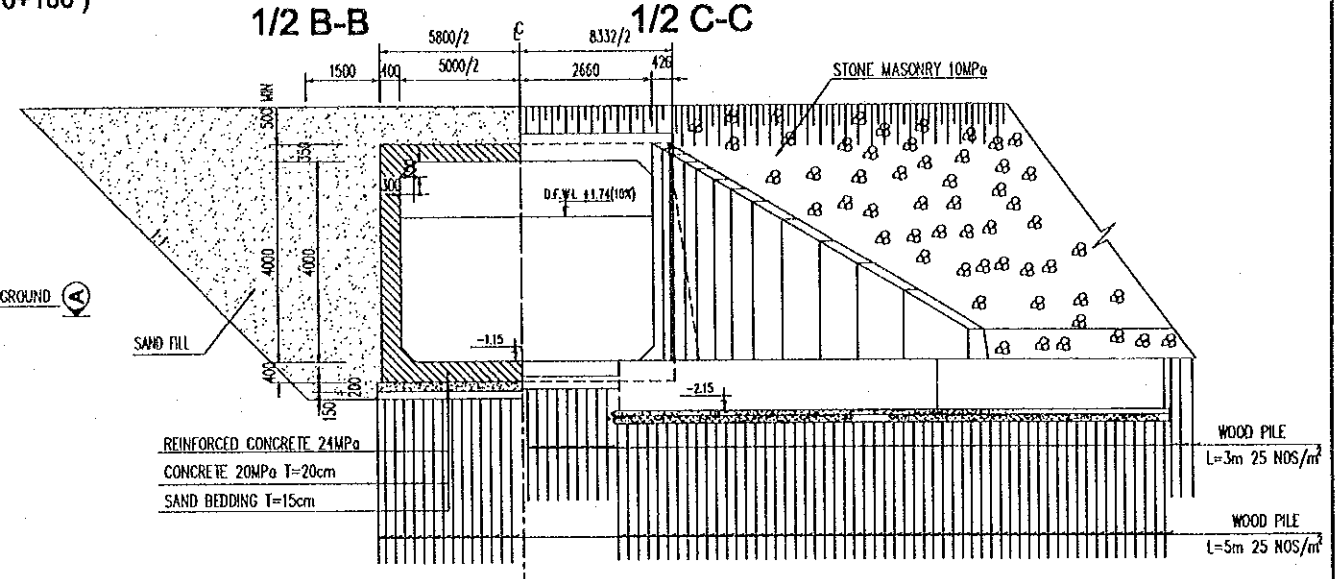
- 1- ALL DIMENSIONS ARE IN MILLIMETER UNLESS OTHERWISE INDICATED.
- 2- LENGTH OF SEGMENT SEE GENERAL VIEW DRAWING.

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.	K. Nemoto	K. Nakai	K. Enomoto	REINFORCEMENT OF CULVERT INTERCHANGB 3 - RAM'D* STATION 0+100	P3/BC/0610
				SIGNATURE				
				DATE	20/9/2000	29/9/2000	5/10/2000	

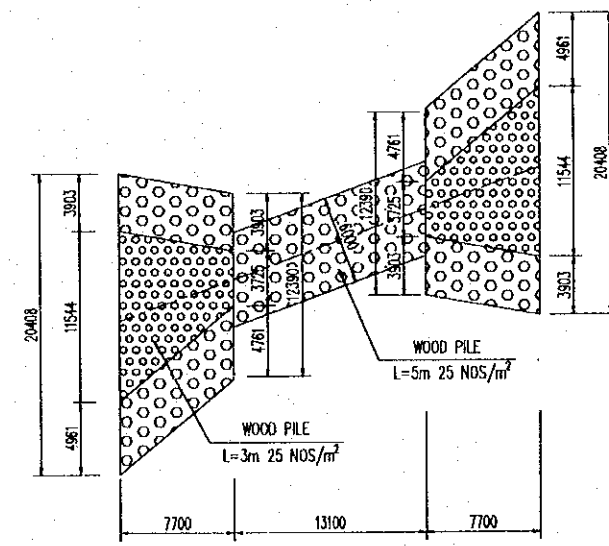
**PROFILE BOX CULVERT FOR DRAINAGE**  
SCALE 1:250  
(INTERCHANGE 3 RAMP "F" STATION 0+180)



**SECTION**  
SCALE 1:150



**PLAN LAYOUT OF WOOD PILE**  
SCALE 1:500

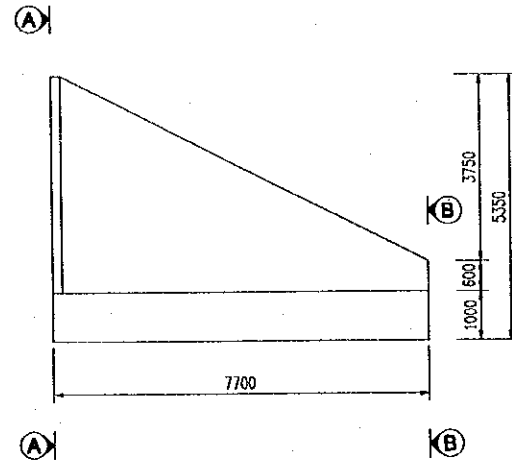


- NOTES:  
 1- ALL DIMENSIONS ARE IN MILLIMETER UNLESS OTHERWISE INDICATED.  
 2- ELEVATIONS ARE IN METERS IN REFERENCE TO THE NATIONAL DATUM LEVEL.  
 3- DETAIL A IS SHOWN IN THE DOCUMENT OF APPROACH ROAD - DRAWING No P3/MS/0190.

<b>PROJECT NAME</b> DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	<b>IMPLEMENTATION AGENCY</b> JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	<b>EXECUTING AGENCY</b> SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	<b>JICA STUDY TEAM</b> (NK) NIPPON KOEI CO.,LTD.	<b>PREPARED BY</b> NAME: K. Nemoto SIGNATURE: <i>K. Nemoto</i> DATE: 20/9/2000	<b>CHECKED BY</b> NAME: K. Nakai SIGNATURE: <i>K. Nakai</i> DATE: 29/9/2000	<b>APPROVED BY</b> NAME: K. Enomoto SIGNATURE: <i>K. Enomoto</i> DATE: 5/10/2000	<b>DRAWING TITLE</b> GENERAL VIEW OF BOX CULVERT INTERCHANGE 3 RAMP "F" STATION 0 + 180	<b>DWG NO.</b> P3/BC/0620
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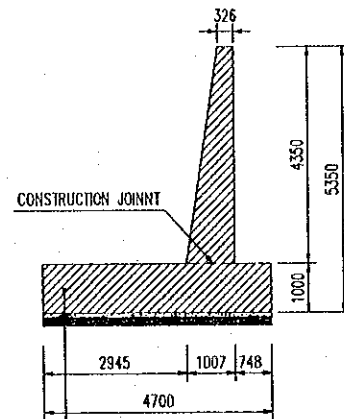
### WINGWALL TYPE I

SCALE 1:150



### A - A

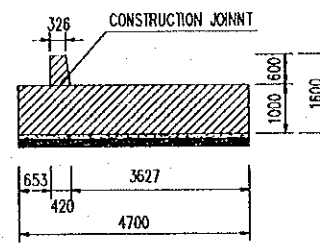
SCALE 1:150



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

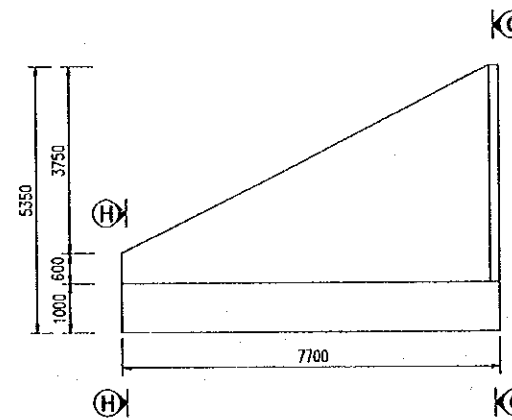
### B - B

SCALE 1:150



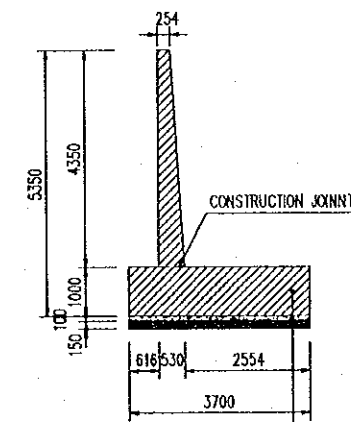
### WINGWALL TYPE II

SCALE 1:150



### G - G

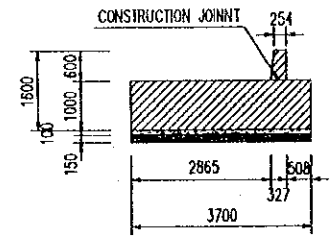
SCALE 1:150



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

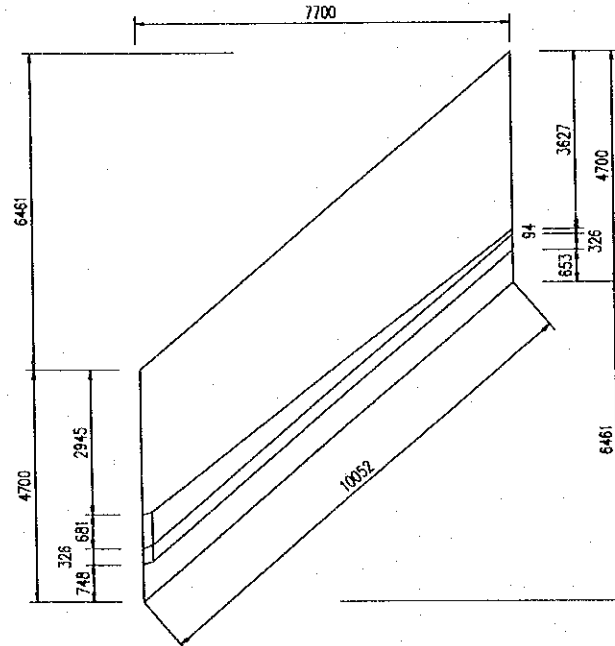
### H - H

SCALE 1:150



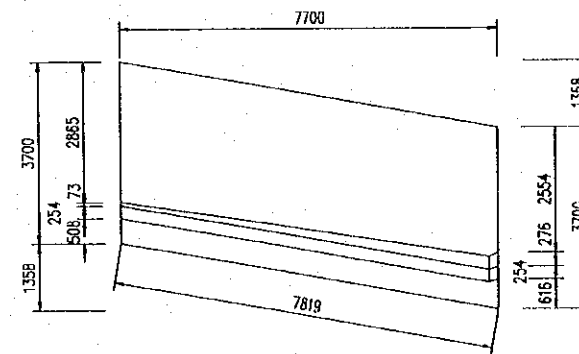
### PLAN

SCALE 1:150



### PLAN

SCALE 1:150

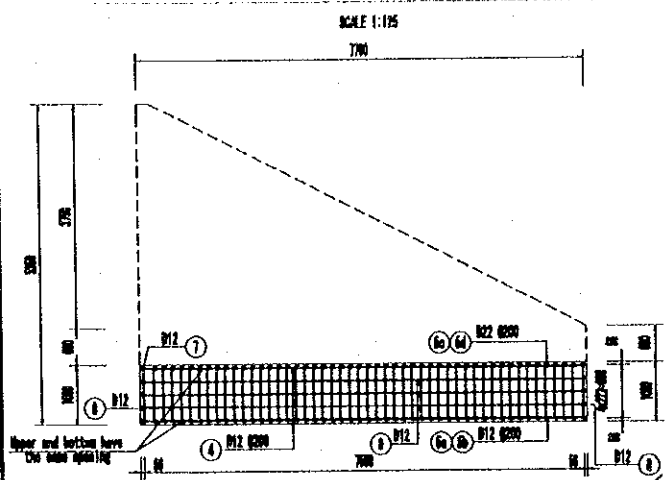


### NOTES :

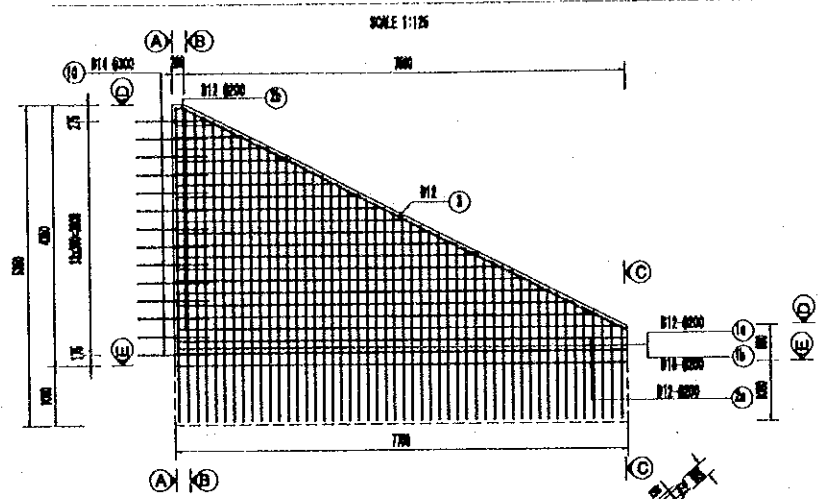
- 1- ALL DIMENSIONS ARE IN MILLIMETER UNLESS OTHERWISE INDICATED.
- 2- POSITION OF WING WALL SEE GENERAL VIEW DRAWING.

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	NIPON KOEI CO.,LTD.	K. Nemoto	K. Nakai	K. Enomoto	INTERCHANGE 3 GENERAL VIEW OF WING WALL STATION 0+180 RAMP "F"	P3/BC/0630
				SIGNATURE	SIGNATURE	SIGNATURE		
				DATE	DATE	DATE		
				20/9/2000	29/9/2000	5/10/2000		

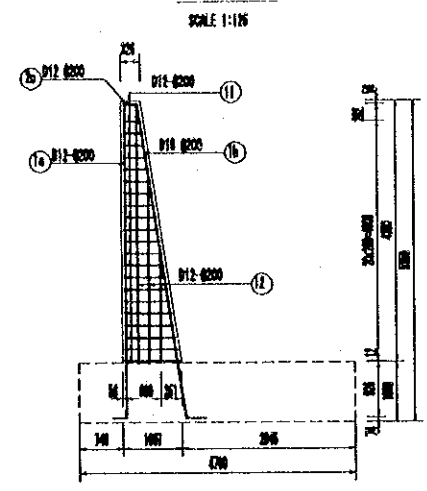
**REINFORCEMENT OF FOOTING**



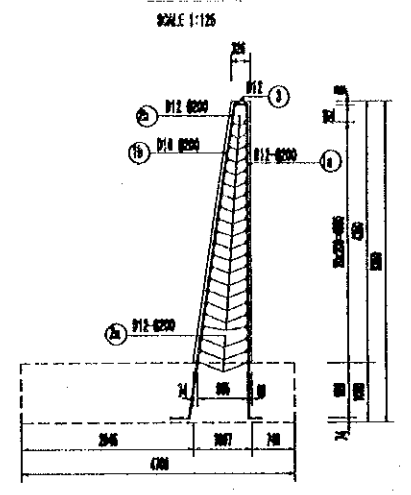
**REINFORCEMENT OF WING WALL TYPE I**



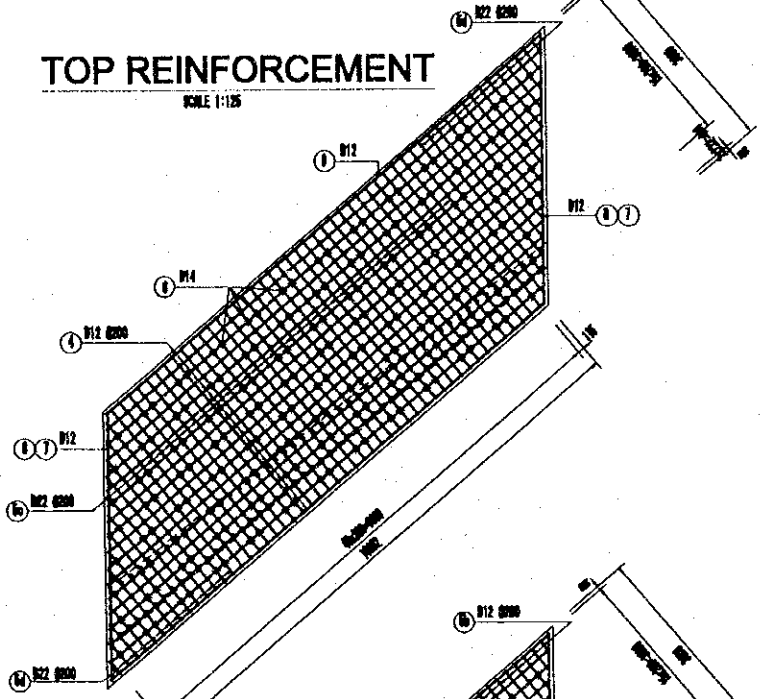
**A - A**



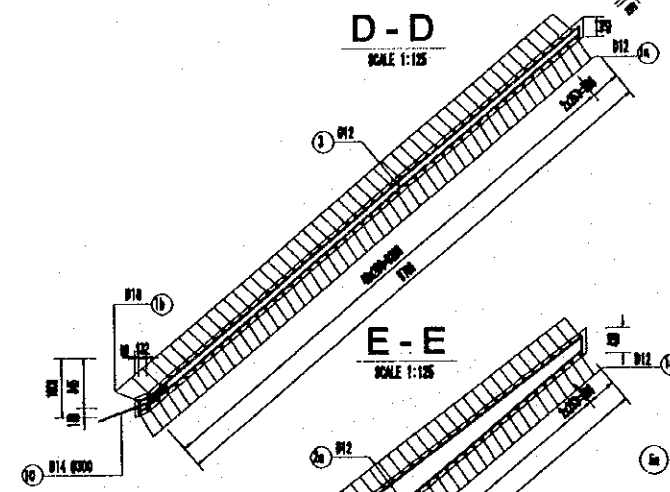
**B - B**



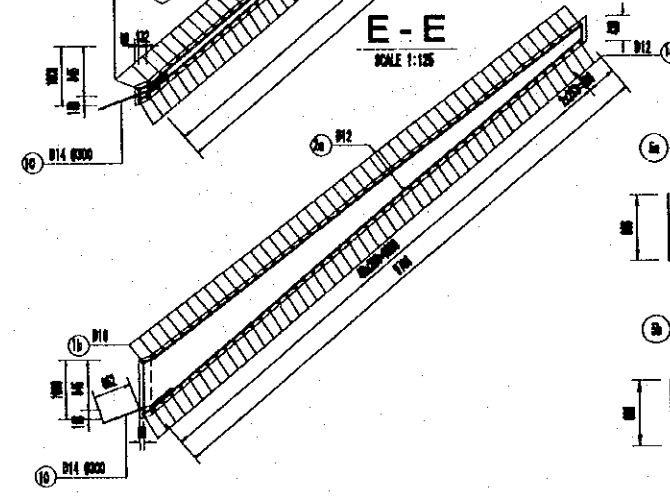
**TOP REINFORCEMENT**



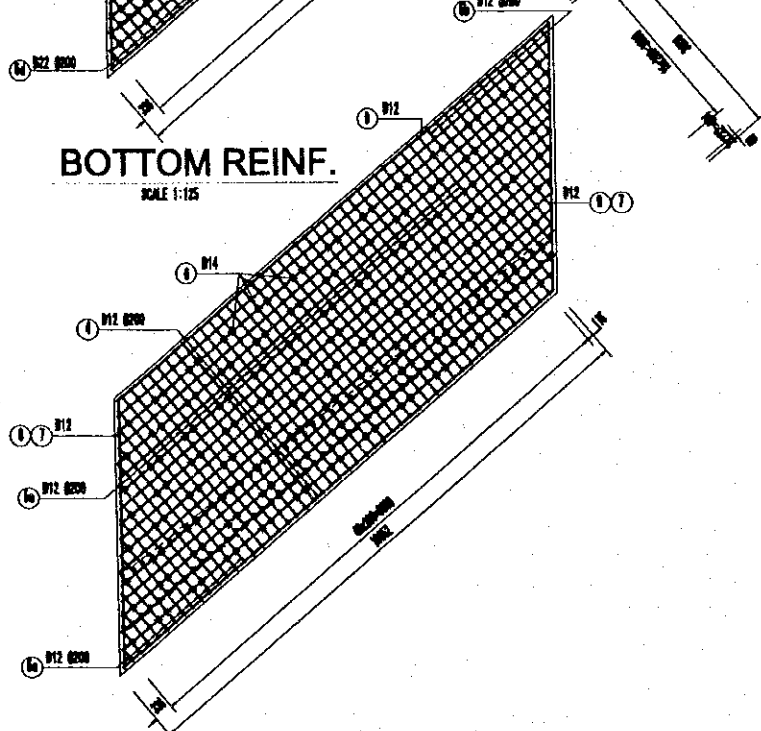
**D - D**



**E - E**



**BOTTOM REINF.**



**QUANTITIES TABLE**

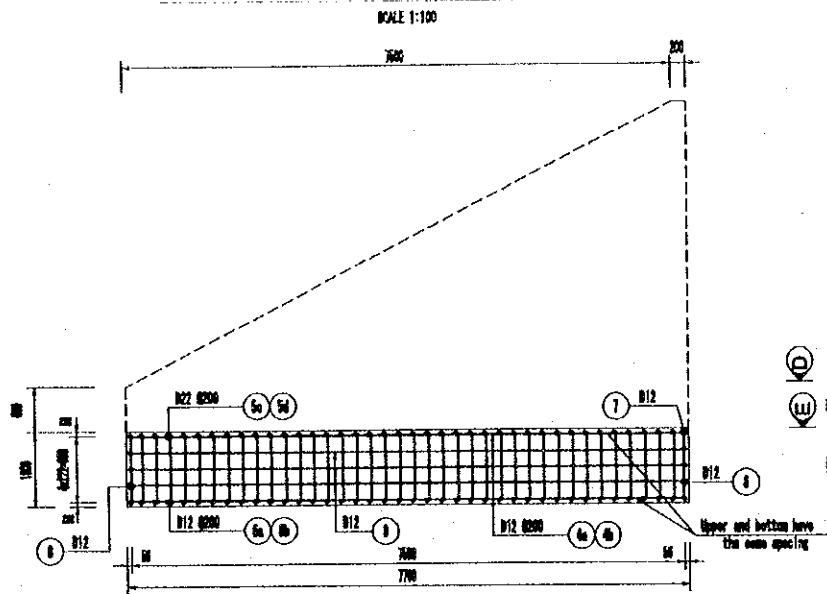
SYMBOL OF BAR	UNIT LENGTH (mm)	DIAMETER (mm)	NUMBER OF BAR	UNIT WEIGHT (kg/m)	TOTAL LENGTH (m)	TOTAL WEIGHT (kg)
1a	355	12	60	0.000	177.0	167.8
1b	305	16	60	1.000	164.0	200.3
2a	1012	12	6	0.000	60.7	63.0
2b	676	12	36	0.000	256.4	182.3
2c	652	12	36	0.000	22.6	24.6
3	1000	12	2	0.000	20.2	17.0
4	1007	12	36	0.000	306.2	200.0
5a	624	12	25	0.000	164.2	163.6
5b	363	12	28	0.000	160.3	86.1
5c	420	22	25	2.004	146.0	444.7
5d	2577	22	28	2.004	72.2	216.3
6	294	14	36	1.208	282.6	241.5
7	624	12	4	0.000	10.5	17.3
8	624	12	6	0.000	23.2	26.0
9	905	12	6	0.000	50.4	62.8
10	1304	14	14	1.208	16.3	22.1
11	1012	12	21	0.000	21.2	18.0
12	3317	12	3	0.000	0.0	0.0
REINFORCEMENT :				D14		1627.3 kg
REINFORCEMENT :				14C 9 C-25		1622.3 kg
TOTAL REINFORCEMENT :						3249.6 kg
CONCRETE :				48.05 m <sup>3</sup>		

**NOTES :**

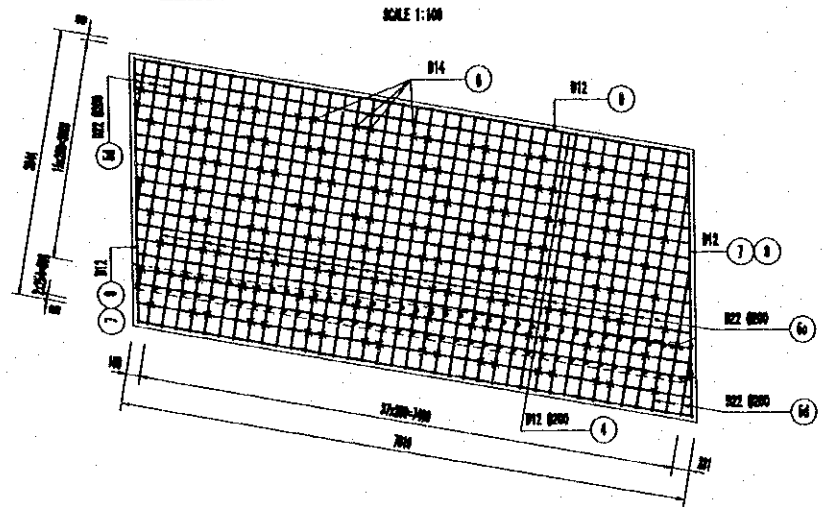
1- ALL DIMENSIONS ARE IN MILLIMETER UNLESS OTHERWISE INDICATED.  
2- THIS DRAWING IS USED FOR ALL WORK OF THIS PROJECT.

<b>PROJECT NAME</b> DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	<b>IMPLEMENTATION AGENCY</b> JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	<b>EXECUTING AGENCY</b> SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	<b>JICA STUDY TEAM</b> NIPPON KOBİ CO.,LTD.	<b>PREPARED BY</b> K. Nemoto	<b>CHECKED BY</b> K. Nakai	<b>APPROVED BY</b> K. Enomoto	<b>DRAWING TITLE</b> REINFORCEMENT OF WING WALL TYPE I INTERCHANGE 3 RAMP "F" STATION 0+180	<b>DWG NO.</b> P3/BC/0640
				<b>DATE</b> 20/9/2000	<b>DATE</b> 24/9/2000	<b>DATE</b> 5/10/2000		

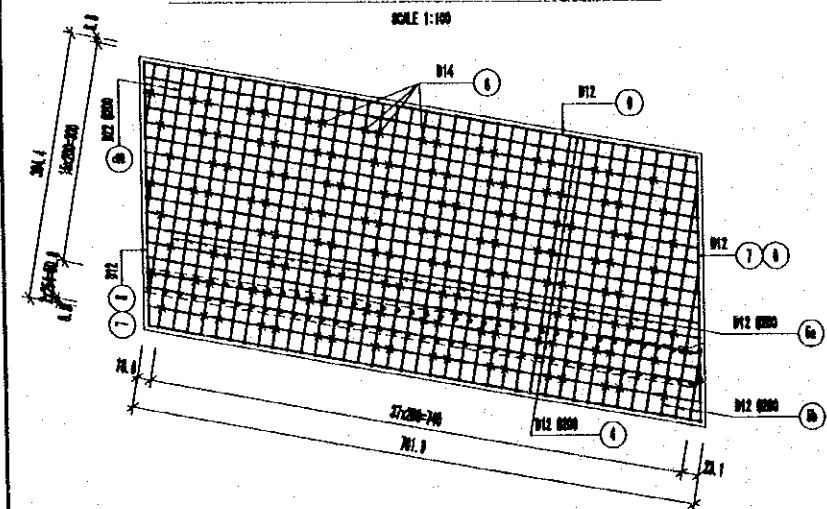
### REINFORCEMENT OF FOOTING



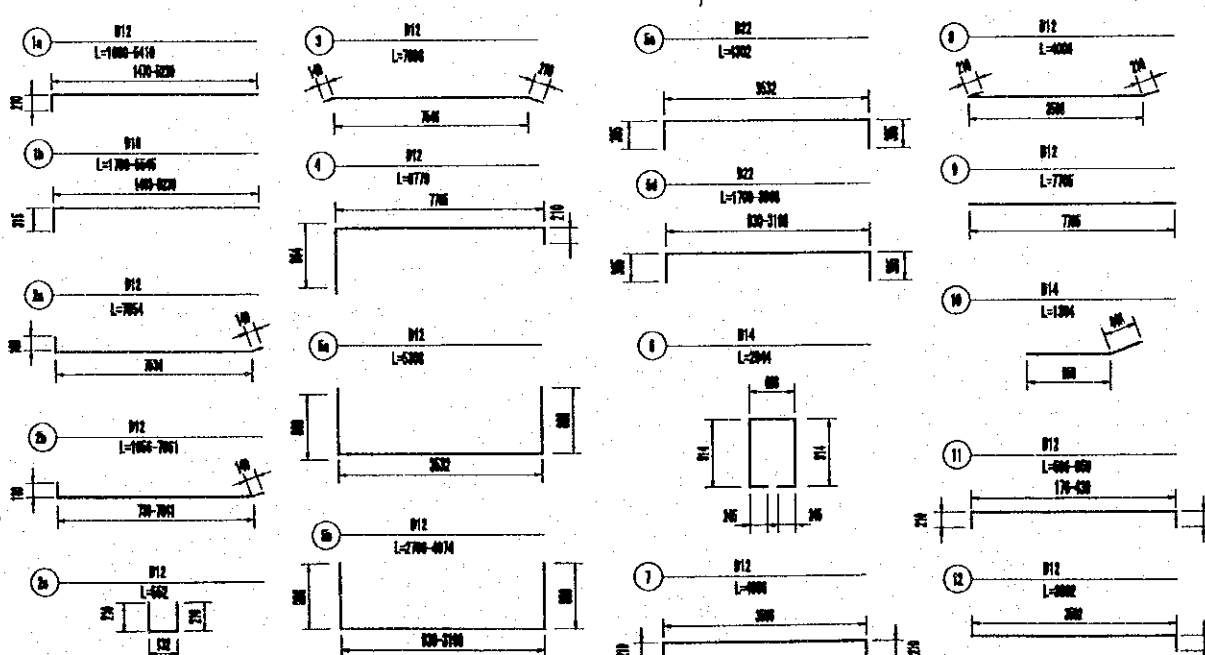
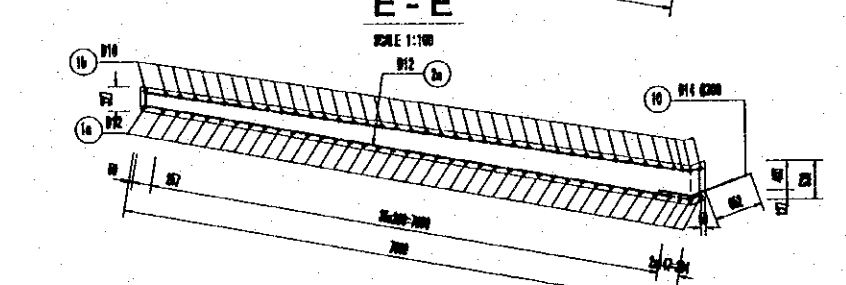
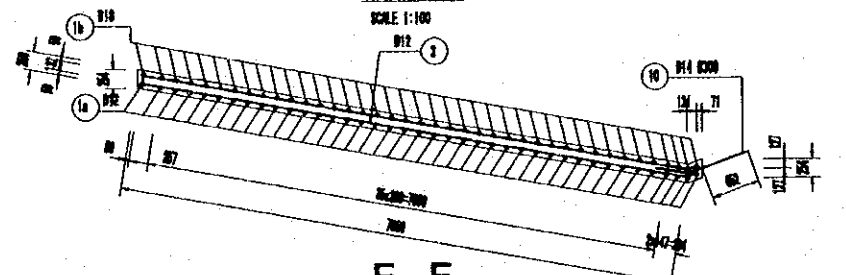
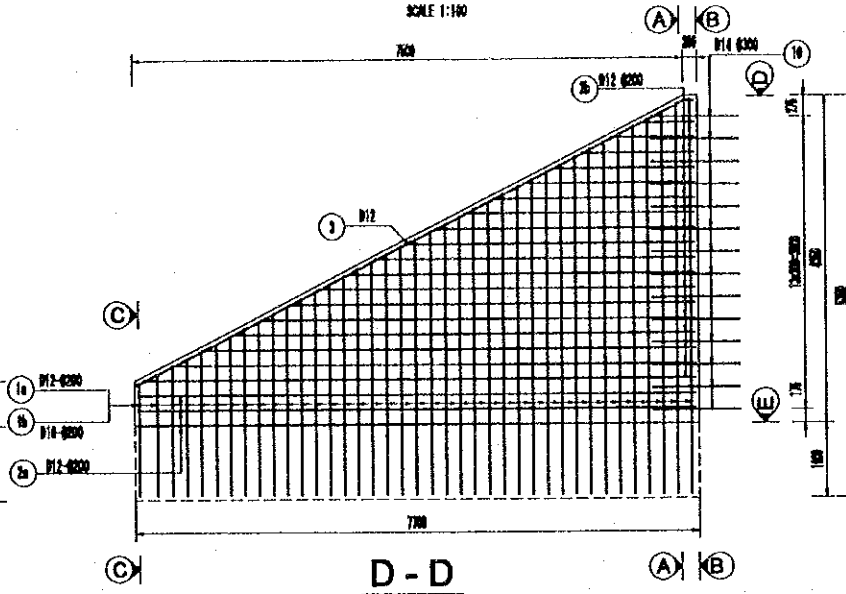
### TOP REINFORCEMENT



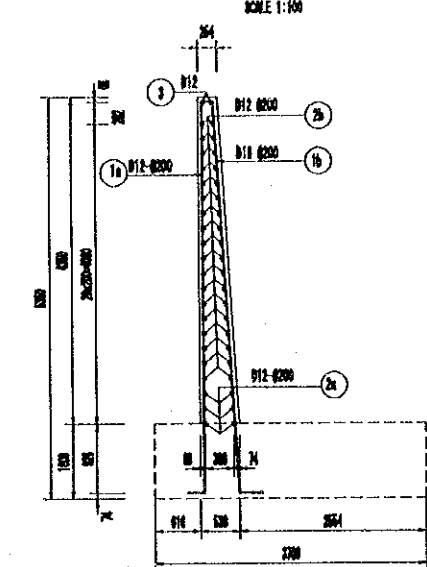
### BOTTOM REINFORCEMENT



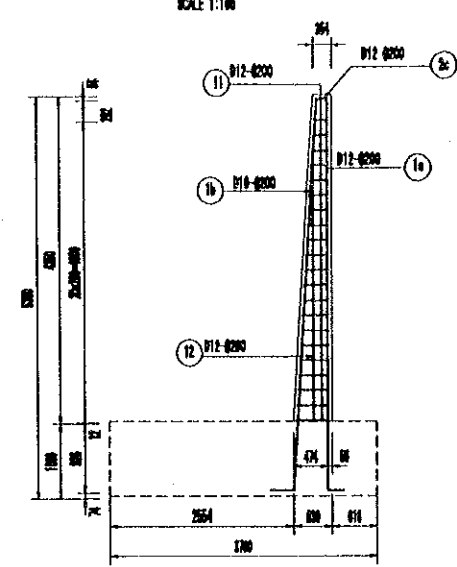
### REINFORCEMENT OF WING WALL TYPE II



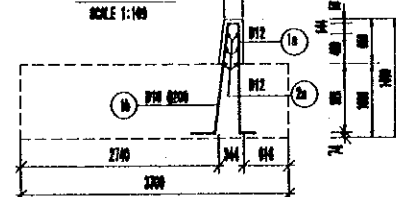
### A - A



### B - B



### C - C



### QUANTITIES TABLE

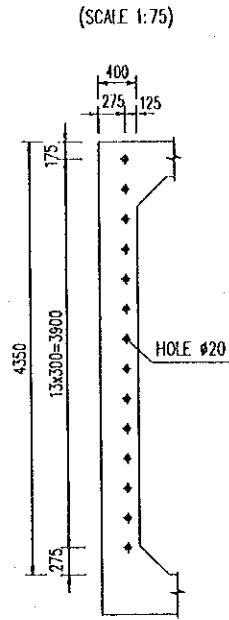
SYMBOL	UNIT LENGTH	DIAMETER	NUMBER	UNIT WEIGHT	TOTAL LENGTH	TOTAL WEIGHT
OF BAR	(m)	(mm)	OF BAR	(kg/m)	(m)	(kg)
1a	3555	12	40	0.888	142.2	126.2
1b	3672	14	40	1.068	146.8	282.4
2a	7004	12	6	0.888	47.1	41.8
2b	4500	12	26	0.888	162.3	144.1
2c	652	12	40	0.888	22.1	19.6
3	7000	12	2	0.888	16.8	14.9
4	4770	12	26	0.888	214.8	200.8
4a	5300	12	25	0.888	146.8	144.9
4b	3040	12	6	0.888	23.8	20.5
4c	4302	22	26	2.004	150.4	482.3
4d	2824	22	6	2.004	17.9	82.7
6	2904	14	72	1.200	212.0	254.1
7	4006	12	4	0.888	16.0	14.2
8	4006	12	6	0.888	24.0	21.5
9	7706	12	6	0.888	48.2	41.8
10	1204	14	14	1.200	18.3	22.1
11	720	12	21	0.888	16.2	12.8
12	3006	12	1	0.888	2.4	2.0
REINFORCEMENT :				D=14		1140.1 kg
CONCRETE :				14.0 <math>C=25</math>		794.4 kg
TOTAL REINFORCEMENT :						1934.5 kg

**NOTES :**  
 1- ALL DIMENSIONS ARE IN MILLIMETER UNLESS OTHERWISE INDICATED.  
 2- THIS DRAWING IS USED FOR ALL TYPES WALL OF THIS COLLECT.

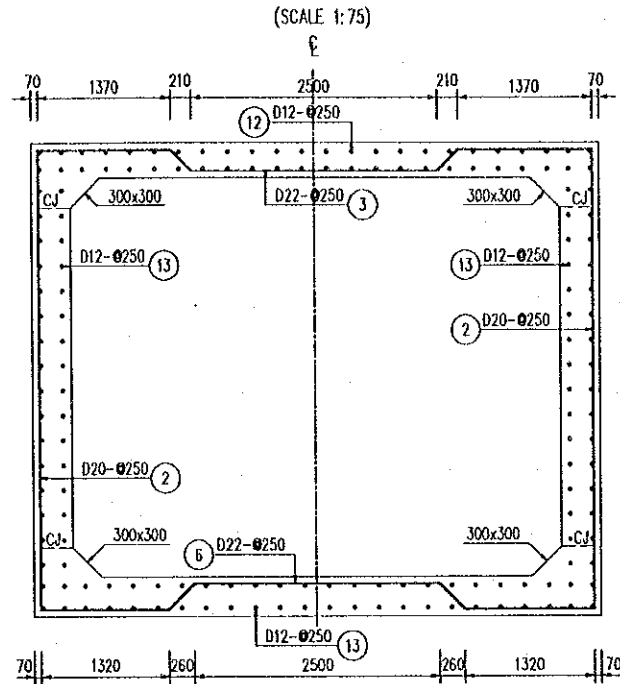
PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM	PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	NK NIPPON KOEI CO.,LTD.	K. Nemoto	K. Nakai	K. Enomoto	REINFORCEMENT OF WING WALL TYPE II INTERCHANGE 3 RAMP "F" STATION 0+180	P3/BC/0650
				DATE	DATE	DATE		
				20/9/2000	24/9/2000	5/10/2000		



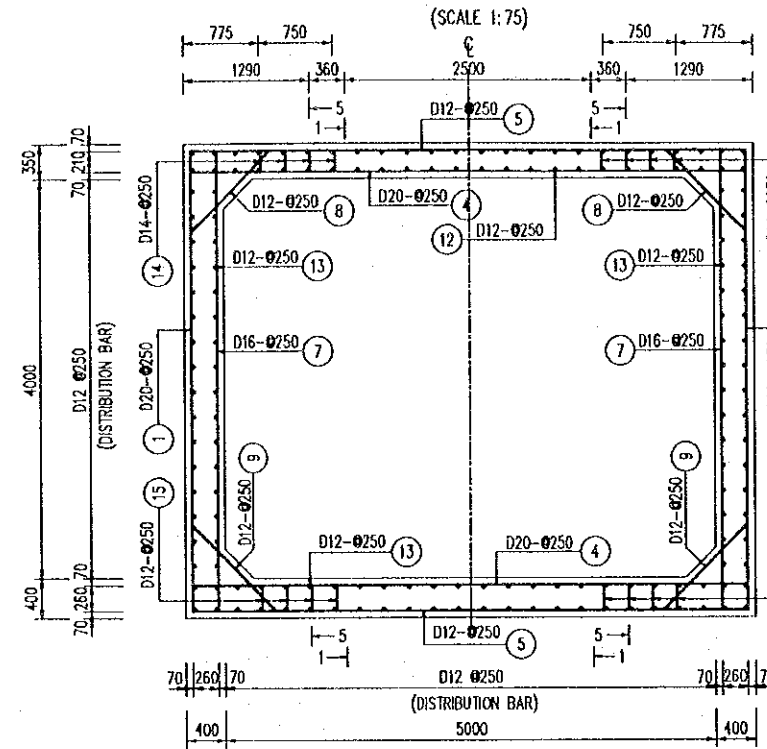
**POSITION OF HOLE**



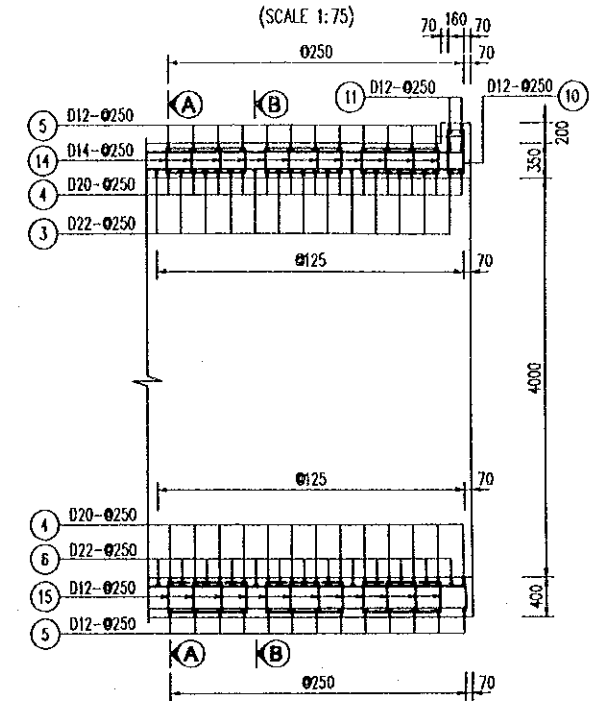
**SECTION B - B**



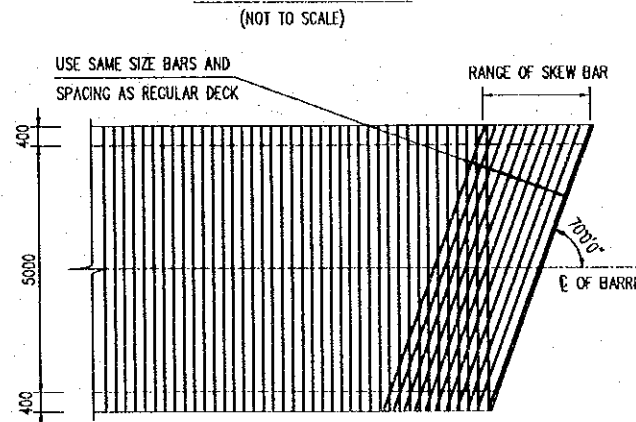
**SECTION A - A**



**THE END OF BARREL**



**PART PLAN**

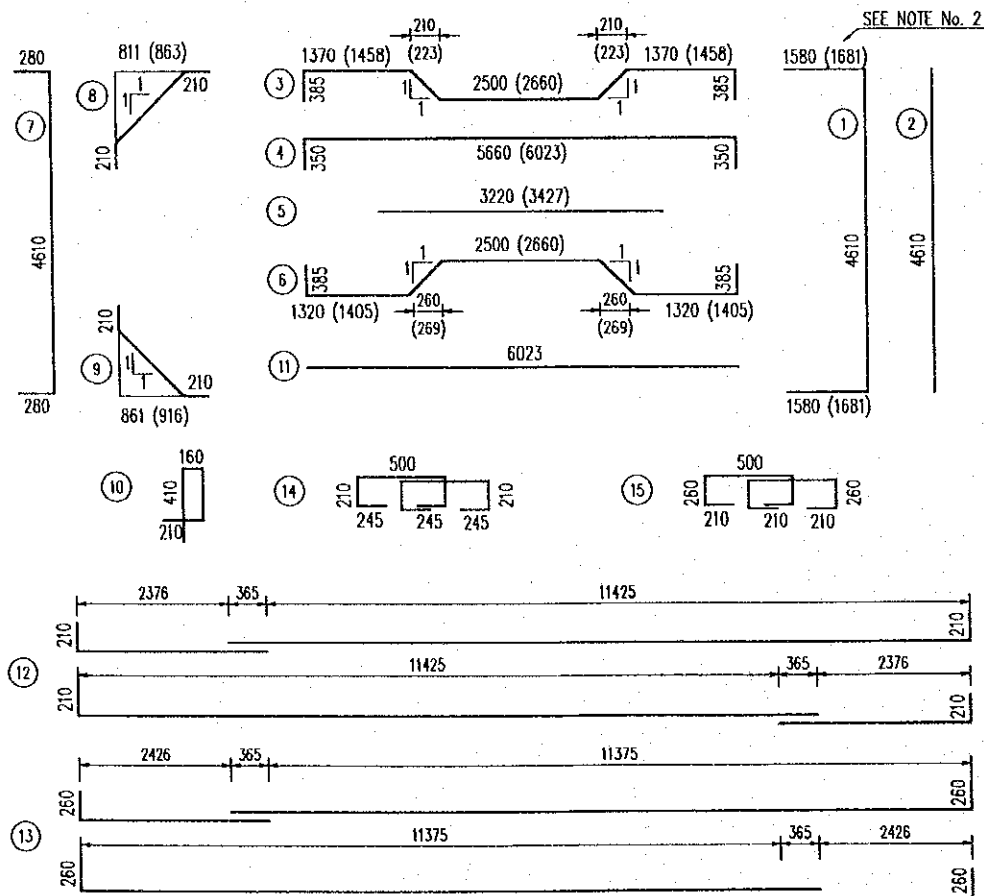


**QUANTITIES TABLE**

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	78	2.466	606.06	1494.6
	b	7973	250	18	2.466	143.51	353.9
2	a	4610	250	76	2.466	350.36	864.0
	b	6604	250	38	2.984	250.95	748.8
3	a	6977	250	17	2.984	118.60	353.9
	b	6360	250	78	2.466	496.08	1223.4
4	a	6723	250	18	2.466	121.01	298.4
	b	3220	250	78	0.888	251.16	223.0
5	a	3427	250	36	0.888	123.37	109.5
	b	6645	250	38	2.984	252.52	753.5
6	a	7023	250	17	2.984	119.40	355.3
	b	5170	250	96	1.578	496.32	783.4
7	a	1567	250	12	0.888	122.22	108.5
	b	1640	250	18	0.888	29.53	26.2
8	a	1638	250	78	0.888	127.74	113.4
	b	1715	250	18	0.888	30.88	27.4
9		1560	250	12	0.888	74.88	66.5
10		6023	180	4	0.888	24.09	21.4
11		14221	250	96	0.888	1365.22	1212.1
12		14321	250	96	0.888	1374.82	1220.6
13		1410	250	14	1.208	315.84	381.7
14		1440	250	12	0.888	322.56	286.4
15							
TOTAL				CONCRETE :	108.46 m <sup>3</sup>	REINFORCEMENT : 11027.0 kg	

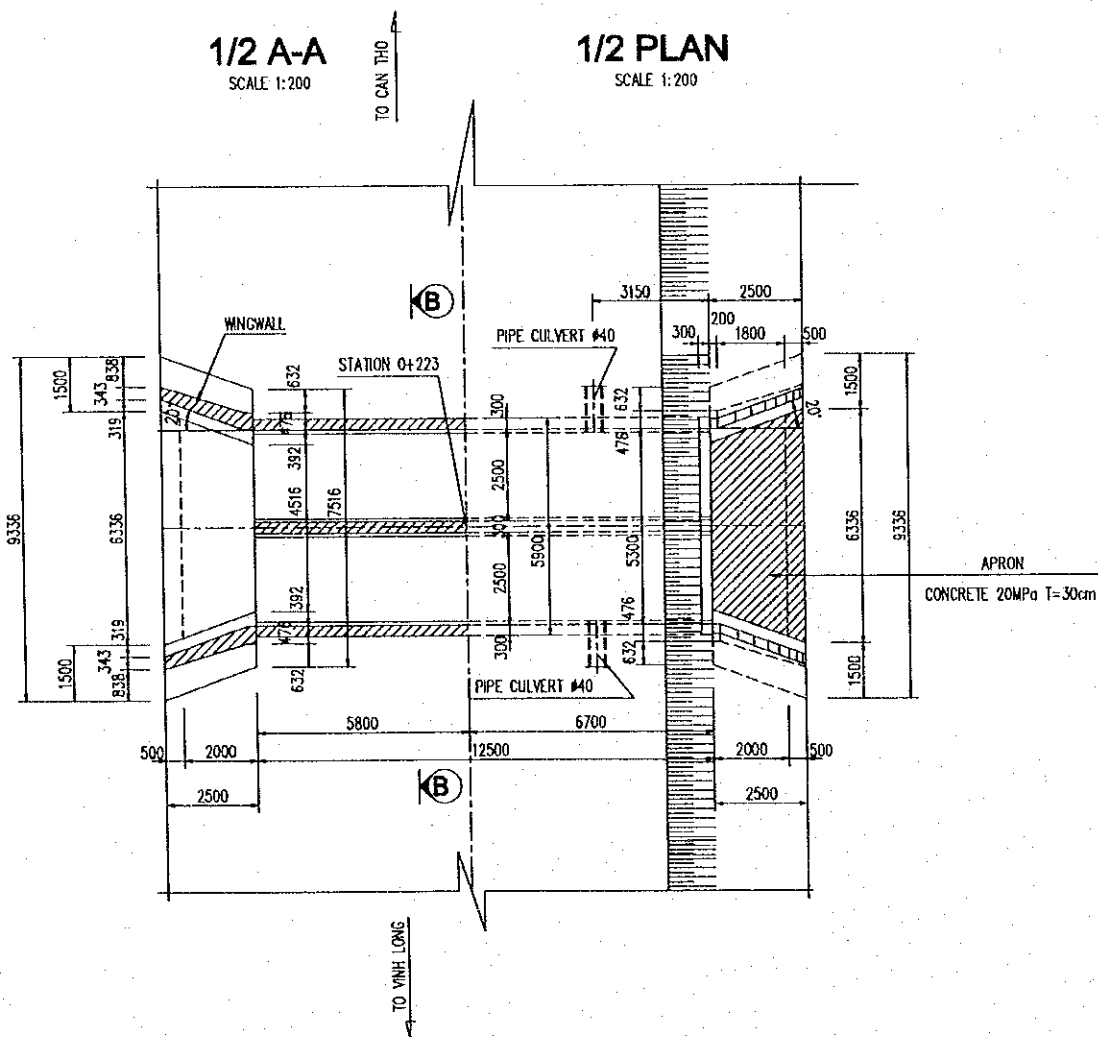
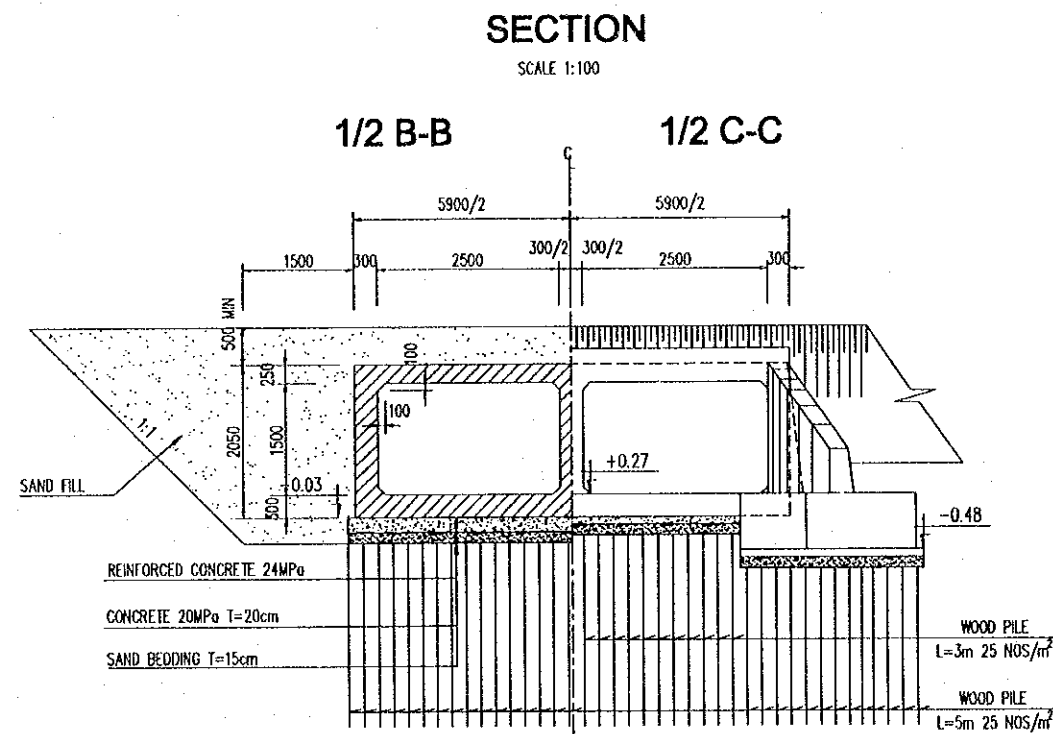
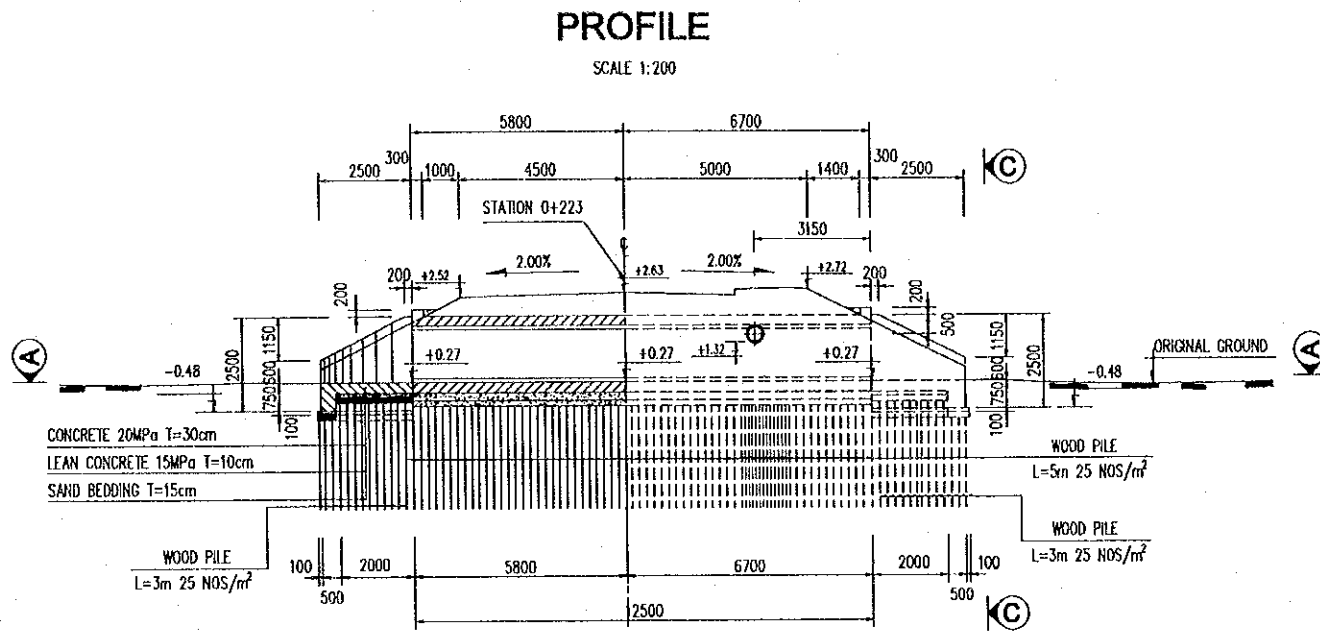
**NOTE:**

- 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.

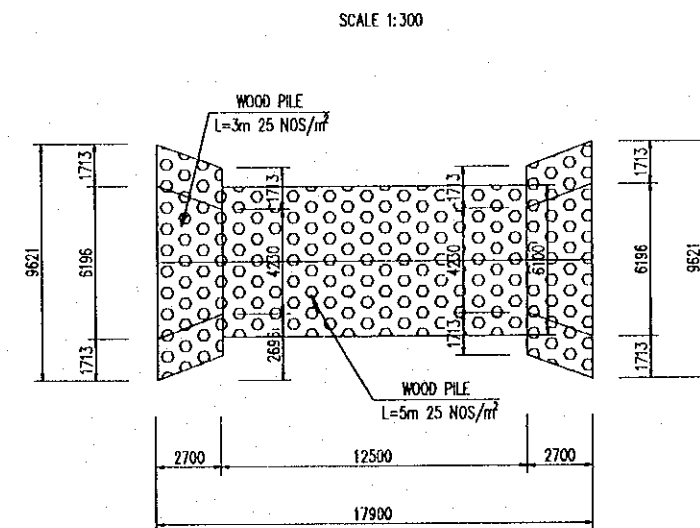


PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM	PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	(NK) NIPPON KOEI CO.,LTD.	K. Nemoto	K. Nakai	K. Enomoto	REINFORCEMENT OF CULVERT INTERCHANG 3 - RAMP "F" STATION 0+180	P3/BC/0660
				SIGNATURE: <i>K. Nemoto</i>	SIGNATURE: <i>K. Nakai</i>	SIGNATURE: <i>K. Enomoto</i>		
				DATE: 20/9/2000	DATE: 29/9/2000	DATE: 5/10/2000		

# BOX CULVERT DRAINAGE (STATION 0+223 RAMP "B" INTERSECTION 4)

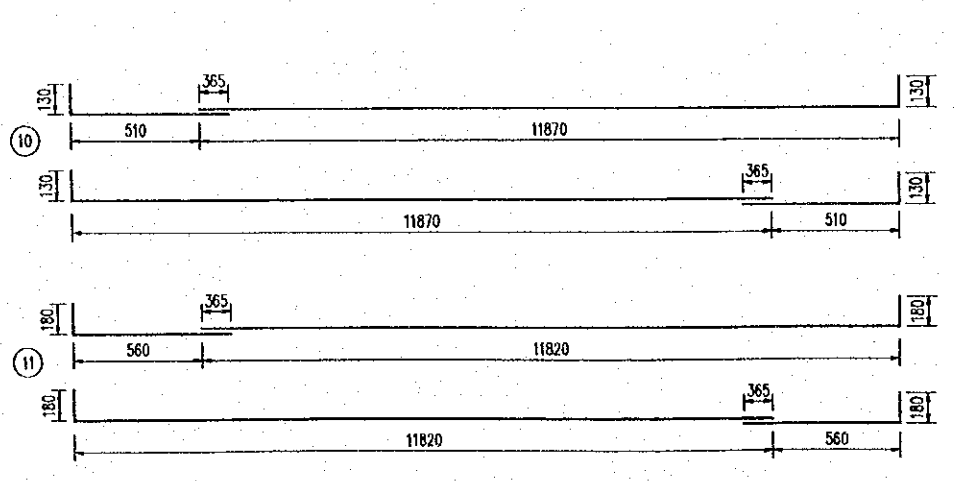
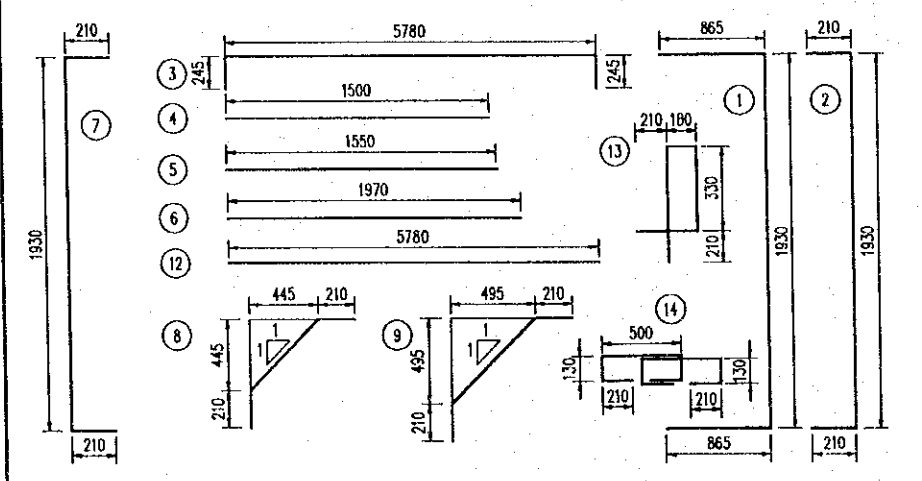
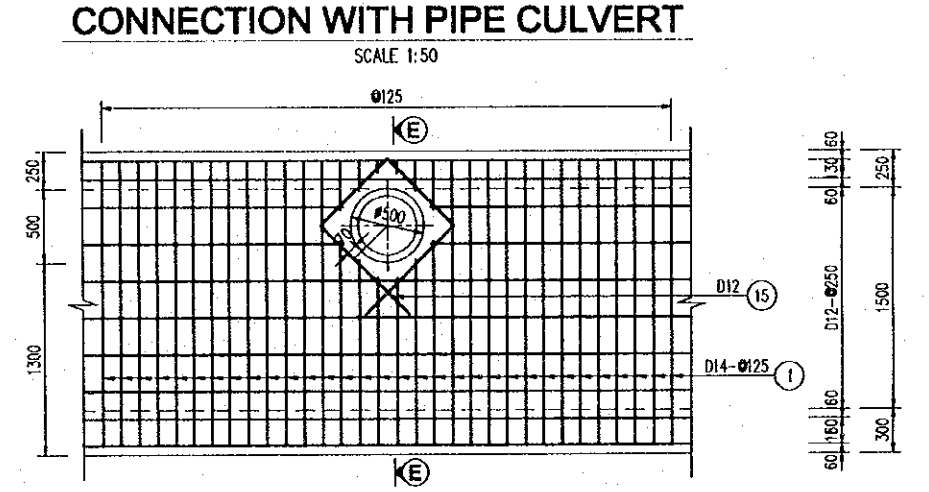
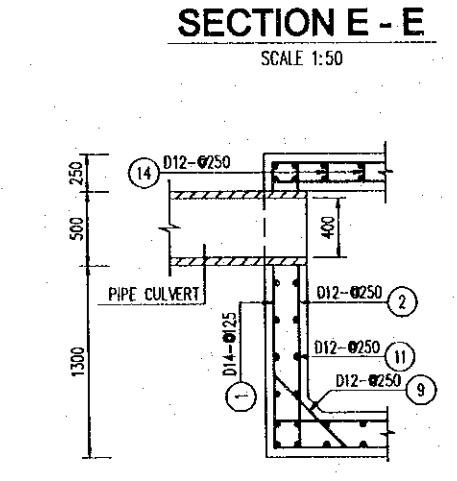
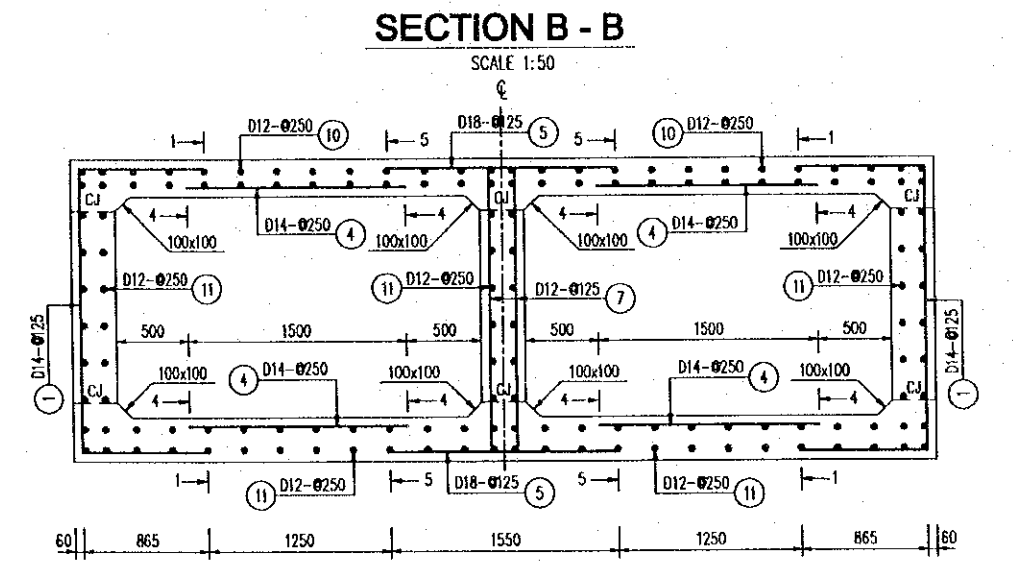
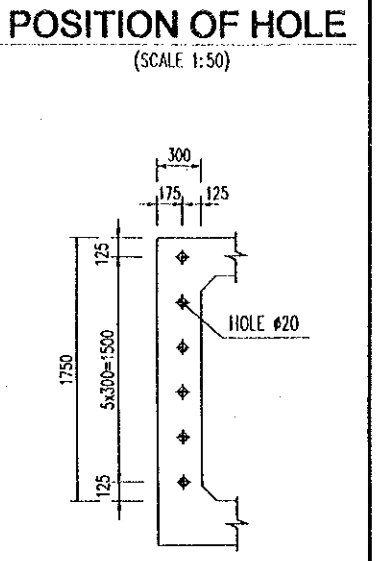
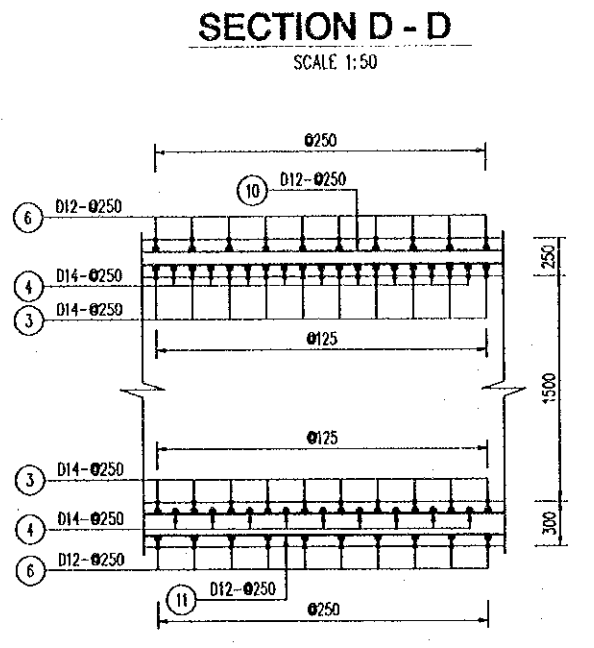
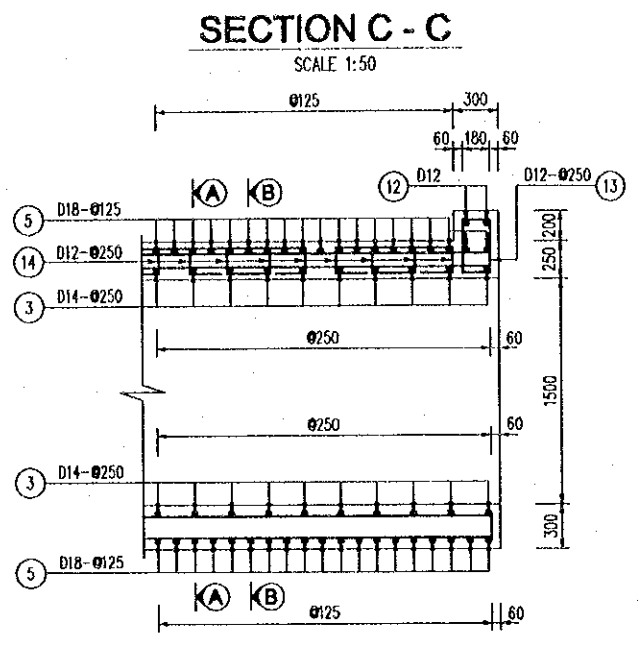
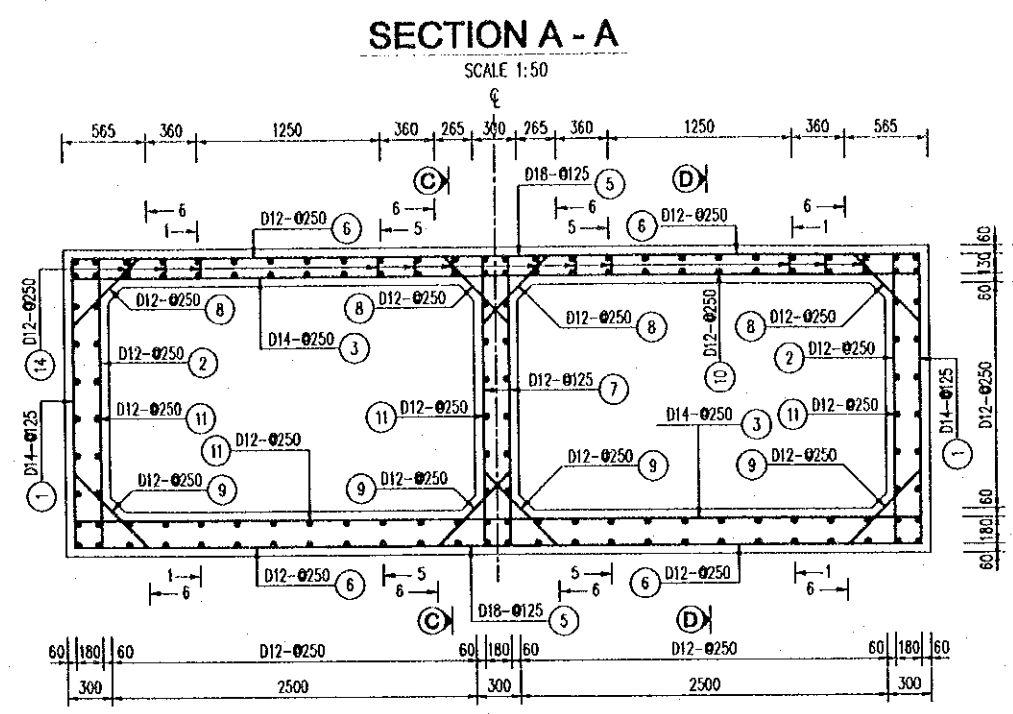


### PLAN LAYOUT OF WOOD PILE



- 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	<b>JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)</b>	<b>SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT</b>	<b>NIPPON KOBEL CO.,LTD.</b>	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	<b>GENERAL VIEW OF BOX CULVERT INTERSECTION 4 RAMP "B" STATION 0+223</b>	<b>P3/BC/0670</b>



### QUANTITIES TABLE

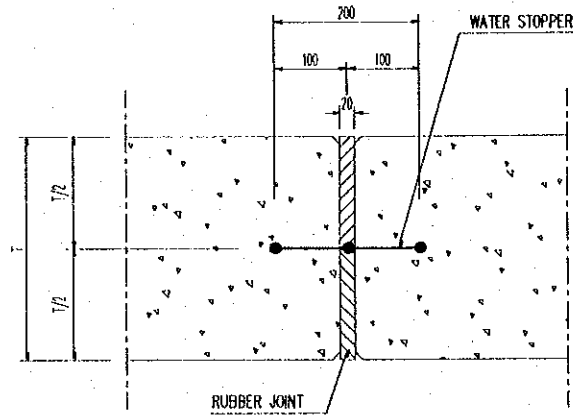
SYMBOL OF BAR	UNIT LENGTH (mm)	SPACE (mm)	DIAMETER (mm)	NUMBER OF BAR	UNIT WEIGHT (kg/m)	TOTAL LENGTH (m)	TOTAL WEIGHT (kg)
1	3660	125	14	202	1.208	739.32	893.4
2	2350	250	12	102	0.888	239.70	212.8
3	6270	250	14	102	1.208	639.54	772.8
4	1500	250	14	200	1.208	300.00	362.5
5	1550	125	18	202	1.998	313.10	625.4
6	1970	250	12	204	0.888	401.88	356.8
7	2350	125	12	202	0.888	474.70	421.4
8	1049	250	12	204	0.888	214.00	190.0
9	1120	250	12	204	0.888	228.48	202.8
10	12640	250	12	52	0.888	657.28	583.5
11	12740	250	12	88	0.888	1121.12	995.3
12	5780	250	12	4	0.888	23.12	20.5
13	1440	250	12	52	0.888	74.88	66.5
14	1180	250	12	300	0.888	354.00	314.3
15	1700		12	4	0.888	6.80	6.0
TOTAL		CONCRETE : 58.65 m <sup>3</sup>				REINFORCEMENT : 6024.3 kg	

**NOTES:**  
 1- ALL DIMENSIONS ARE IN MILLIMETER UNLESS OTHERWISE INDICATED.  
 2- LENGTH OF SEGMENT SEE GENERAL VIEW DRAWING.  
 3- POSITION OF PIPE CULVERT 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: 24/9/2000	NAME: K. Enomoto SIGNATURE: <i>K. Enomoto</i> DATE: 5/10/2000	REINFORCEMENT OF CULVERT INTERSECTION 4-RAMP "B" STATION 0+223	P3/BC/0680

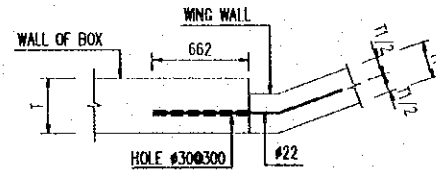
### DETAIL CONNETION JOINT

SCALE 1:10





### CONNECTION BETWEEN BOX WING WALL

SCALE : 1:50



NOTE:  
-- ALL DIMENSIONS ARE IN MILLIMETER UNLESS OTHERWISE INDICATED.

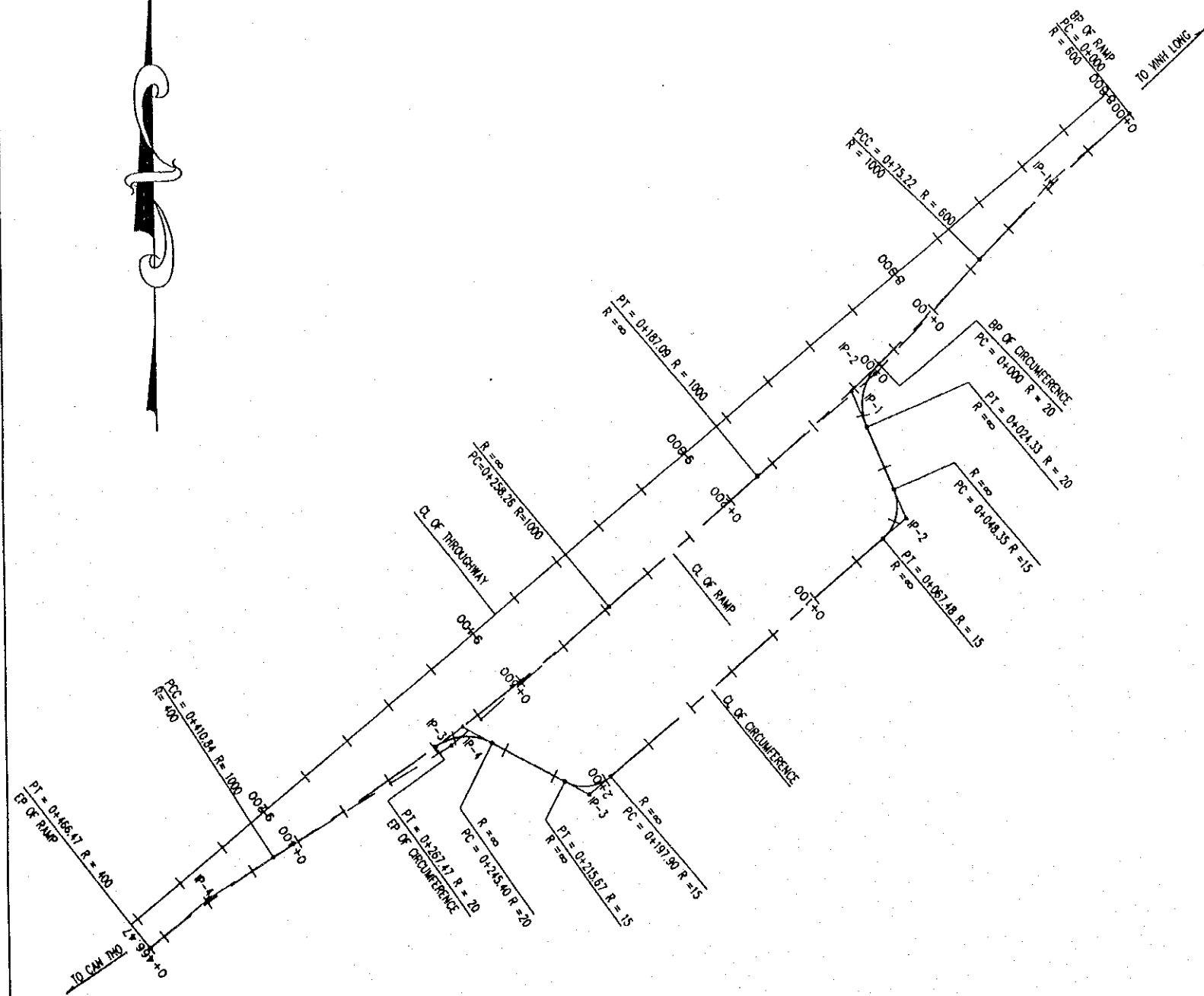
PROJECT NAME	IMPLEMENTATION AGENCY	EXBECUTING AGENCY	JICA STUDY TEAM	PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	 JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	 NIPPON KOEI CO.,LTD.	NAME: 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	MISCELLANBOUS OF BOX CULVERT	P3/BC/0690

### GENERAL QUANTITIES TABLE OF CULVERTS - PACKAGE 3

No	STATION	DIMENSION W x H (m)	LENGTH (m)	REINFORCEMENT		CONCRETE			FORM (m <sup>2</sup> )	SCAFFOLDING (m <sup>2</sup> )	SUPPORT (m <sup>3</sup> )	WOOD PILE		SAND BEDDING (m <sup>3</sup> )	CONNECTION JOINT (m)	PATH		PROTECTION SLOPE			NOTE	
				D (<= 14)	(14 < D <= 25)	CLASS E	CLASS F	CLASS G				L = 5 M	L = 3 M			LATERITE	SAND FILL	STONE MASONRY	BASE BEDDING	PVC Pipe		
				(kg)	(kg)	(m <sup>3</sup> )	(m <sup>3</sup> )	(m <sup>3</sup> )				(100m)	(100m)			(m <sup>3</sup> )	(m <sup>3</sup> )	(m <sup>3</sup> )	(m <sup>3</sup> )	(m)		
I	MAIN ROUTE																					
1	Km 7+820	(3.0 x 3.8)	26.94	13630.15	4135.76	274.52	44.99	16.89	815.06	517.03	302.27	264.75	57.40	43.25	14.95			71.96	41.90	5.60		
2	Km 7+950	(2.5 x 2.0 x 2)	26.70	13911.55	1783.60	165.38	47.91	7.40	615.15	247.26	179.29	244.53	41.75	37.69	18.03			41.49	23.55	5.60		
3	Km 8+820	(2.5 x 2.0 x 2)	30.96	16539.60	1981.80	187.06	53.12	7.40	692.46	269.00	207.92	277.04	41.75	41.60	18.03			44.64	25.44	5.60		
4	Km 9+326	(2.5 x 2.0 x 2)	37.85	19856.40	2328.50	222.06	61.52	7.40	817.28	304.11	254.15	329.55	41.75	47.90	18.03			67.06	38.89	5.60		
5	Km 9+760	(2.5 x 1.5 x 2)	36.11	16335.60	2051.00	183.68	55.05	4.67	639.94	230.52	152.22	298.49	21.11	40.04	16.53							
6	Km 10+310	(2.5 x 2.0 x 2)	31.24	8660.20	11727.00	188.47	53.46	7.40	697.50	270.42	209.79	279.16	41.75	41.85	18.03			48.85	27.96	5.60		
7	Km 10+690	(2.5 x 1.5 x 2)	31.53	14439.00	1774.10	162.44	49.46	4.67	571.03	211.72	132.90	263.54	21.11	35.85	16.53							
8	Km 10+950	(2.5 x 1.5 x 2)	26.70	7428.26	8390.22	140.04	43.56	4.67	498.43	191.92	112.54	226.71	21.11	31.43	16.53							
9	Km 11+451	(2.5 x 1.5 x 2)	26.70	7428.26	8390.22	140.04	43.56	4.67	498.43	191.92	112.54	226.71	21.11	31.43	16.53							
10	Km 11+690	(2.5 x 2.0 x 2)	31.20	16728.56	2006.53	188.26	53.40	7.40	717.41	270.21	209.51	278.84	41.75	41.81	18.03			64.63	37.43	5.60		
11	Km 11+976.5	(5.0 x 4.0)	27.14	13900.09	19156.16	400.66	41.58	17.84	7139.86	631.12	36.91	399.41	51.39	58.21	19.55	59.64	134.19	83.69	48.09	5.60		
12	Km 12+180	(2.5 x 2.0 x 2)	38.44	20112.06	2353.30	225.08	62.24	7.40	828.01	307.13	258.12	334.05	41.75	48.44	18.03			107.41	63.10	5.60		
13	Km 12+592.5	(5.0 x 4.0)	28.69	14296.26	20191.63	417.39	44.00	18.23	1076.85	655.89	556.64	414.07	53.14	59.74	19.55	62.49	140.59	88.07	50.77	5.60		
14	Km 12+756	(3.0 x 3.8)	29.49	15838.36	4625.78	302.18	49.39	18.90	558.15	360.77	330.83	294.65	62.01	47.76	14.75			76.75	44.79	5.60		
15	Km 13+600	(2.5 x 1.5 x 2)	26.70	12438.29	1592.80	140.04	43.56	4.67	498.43	191.92	112.54	227.73	21.11	31.55	16.53							
16	Km 14+247	5.0 x 4.0	28.69	14296.26	20191.63	417.39	44.00	18.23	1076.85	655.89	556.64	414.07	53.14	59.74	19.55	62.49	140.59	88.07	50.77	5.60		
17	Km 14+450	(2.5 x 1.5 x 2)	26.70	12438.29	1592.80	140.04	43.56	4.67	498.43	191.92	112.54	226.71	21.11	31.43	16.53							
18	Km 14+625	(2.5 x 1.5 x 2)	26.70	12438.29	1592.80	140.04	43.56	4.67	498.43	191.92	112.54	226.71	21.11	31.43	16.53							
19	Km 14+890	(2.5 x 1.5 x 2)	28.56	13187.40	1679.50	148.67	45.83	4.67	526.39	199.54	120.38	240.90	21.11	33.13	16.53							
	TOTAL		567.04	263902.87	117545.13	4183.44	923.78	171.86	19264.09	6290.21	4070.27	5467.62	696.44	794.28	328.77	184.61	415.38	782.62	452.69	61.60		
II	INTERCHANGE 3																					
1	Ramp 'A' - Km 0+154	(2.5 x 1.5 x 2)	13.10	6656.50	917.80	77.11	26.97	4.67	290.98	136.24	55.22	123.01	21.11	18.98								
2	Ramp 'B' - Km 0+286.5	(2.5 x 1.5 x 2)	10.12	5358.00	769.20	63.29	23.34	4.67	252.60	124.02	42.66	100.29	21.11	16.26								
3	Ramp 'C' - Km 0+300	(5.0 x 4.0)	13.46	8446.10	11715.60	255.62	53.19	22.45	630.34	438.69	266.78	255.51	86.41	47.94				78.68	46.31	5.60		
4	Ramp 'D' - Km 0+100	(2.5 x 2.0 x 2)	10.12	6249.40	960.00	81.17	27.69	7.40	309.81	162.80	67.96	118.11	41.75	22.52				41.59	23.61	5.60		
5	Ramp 'E' - Km 0+180	(5.0 x 4.0)	18.52	9217.40	10875.80	277.28	61.32	26.07	681.16	477.18	276.31	279.62	101.27	53.81				66.78	38.72	5.60		
	TOTAL		65.32	35927.40	25238.40	754.47	192.51	65.26	2164.90	1338.94	708.93	876.54	271.65	159.51				187.05	108.64	16.80		
III	INTERSECTION 4																					
1	Ramp 'B' - Km 0+223	(2.5 x 1.5 x 2)	12.50	6392.90	893.00	74.33	26.24	4.67	281.90	133.78	52.69	118.44	21.11	18.44								
	TOTAL			306223.17	143676.53	5012.24	1142.52	241.79	21710.89	7762.92	4831.89	6462.60	989.20	972.23	328.77	184.61	415.38	969.67	561.33	78.40		

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	K. Nemoto	K. Nakai	GENERAL QUANTITIES TABLE OF CULVERT	P3/BC/0700
				SIGNATURE	<i>K. Nemoto</i>	<i>K. Nakai</i>		
				DATE	20/9/2000	29/9/2000		

**P3/SA CAN THO SERVICE AREA**



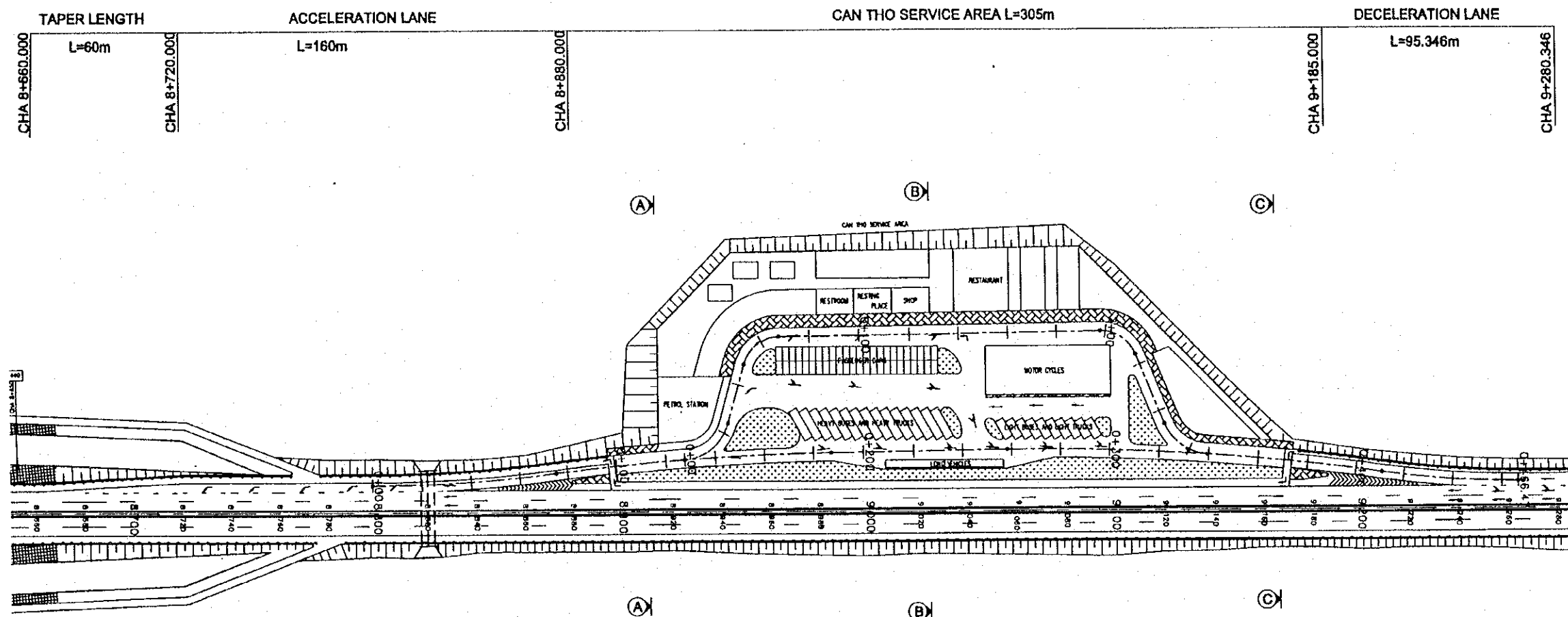
RAMP	IP No	IA	IP Station	Point	Pnt Station	Northing	Easting	Element	Direction	Length(m)	IP Distance	Azimuth
Q N A R				BP=PC	0+000.000	1 108 062.558	586 839.439				37.660	230° 46' 58"
	IP-1	7° 10' 59"	0+037.610			1 108 038.747	586 810.261	R=600	LEFT	75.222		
				PCC	0+075.22	1 108 011.474	586 784.290				93.653	223° 35' 59"
	IP-2	6° 24' 34"	0+131.155			1 107 970.925	586 745.676	R=1000	RIGHT	111.870		
				PT	0+187.09	1 107 934.940	586 702.777					
				PC	0+258.26	1 107 889.200	586 648.247		TANGENT	71.173	203.603	230° 0' 34"
	IP-3	8° 44' 31"	0+334.550			1 107 840.077	586 589.685	R=1000	RIGHT	152.578		
				PCC	0+410.84	1 107 800.425	586 524.336				104.298	238° 45' 5"
	IP-4	7° 58' 7"	0+438.655			1 107 785.972	586 500.517	R=400	LEFT	55.631		
				EP=PT	0+466.47	1 107 768.357	586 478.932				27.860	230° 6' 58"
W C U N E R L M J C R I C				BP=PC	0+000.000	1 107 974.545	586 747.233				13.860	226° 35' 51"
	IP-1	69° 41' 9"	0+038.329			1 107 964.979	586 737.118	R=20	LEFT	24.324		
				PT	0+024.324	1 107 952.171	586 742.577			24.022	49.063	156° 54' 42"
				PC	0+048.346	1 107 930.073	586 751.997		TANGENT			
	IP-2	73° 5' 51"	0+084.082			1 107 919.845	586 756.358	R=15	RIGHT	19.136		
				PT	0+067.483	1 107 912.699	586 747.839					
				PC	0+197.902	1 107 828.883	586 647.918		TANGENT	130.419	151.631	230° 0' 34"
	IP-3	67° 52' 6"	0+232.954			1 107 822.398	586 640.186	R=15	RIGHT	17.767		
				PT	0+215.670	1 107 827.117	586 631.264					
				PC	0+245.399	1 107 841.018	586 604.985		TANGENT	29.729	52.131	297° 52' 40"
IP-4	63° 13' 17"	0+282.601			1 107 846.774	586 594.105	R=20	LEFT	22.068			
			EP=PT	0+267.468	1 107 839.853	586 584.064				12.210	234° 39' 23"	

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: [Signature] DATE: 20/9/2000	NAME: K. Nakai SIGNATURE: [Signature] DATE: 29/9/2000	NAME: K. Enomoto SIGNATURE: [Signature] DATE: 5/10/2000	CAN THO SERVICE AREA ALIGNMENT LAYOUT AND GEOMETRIC DATA (SCALE 1:2000)	P3/SA/0010



**PLAN**

SCALE 1:2000

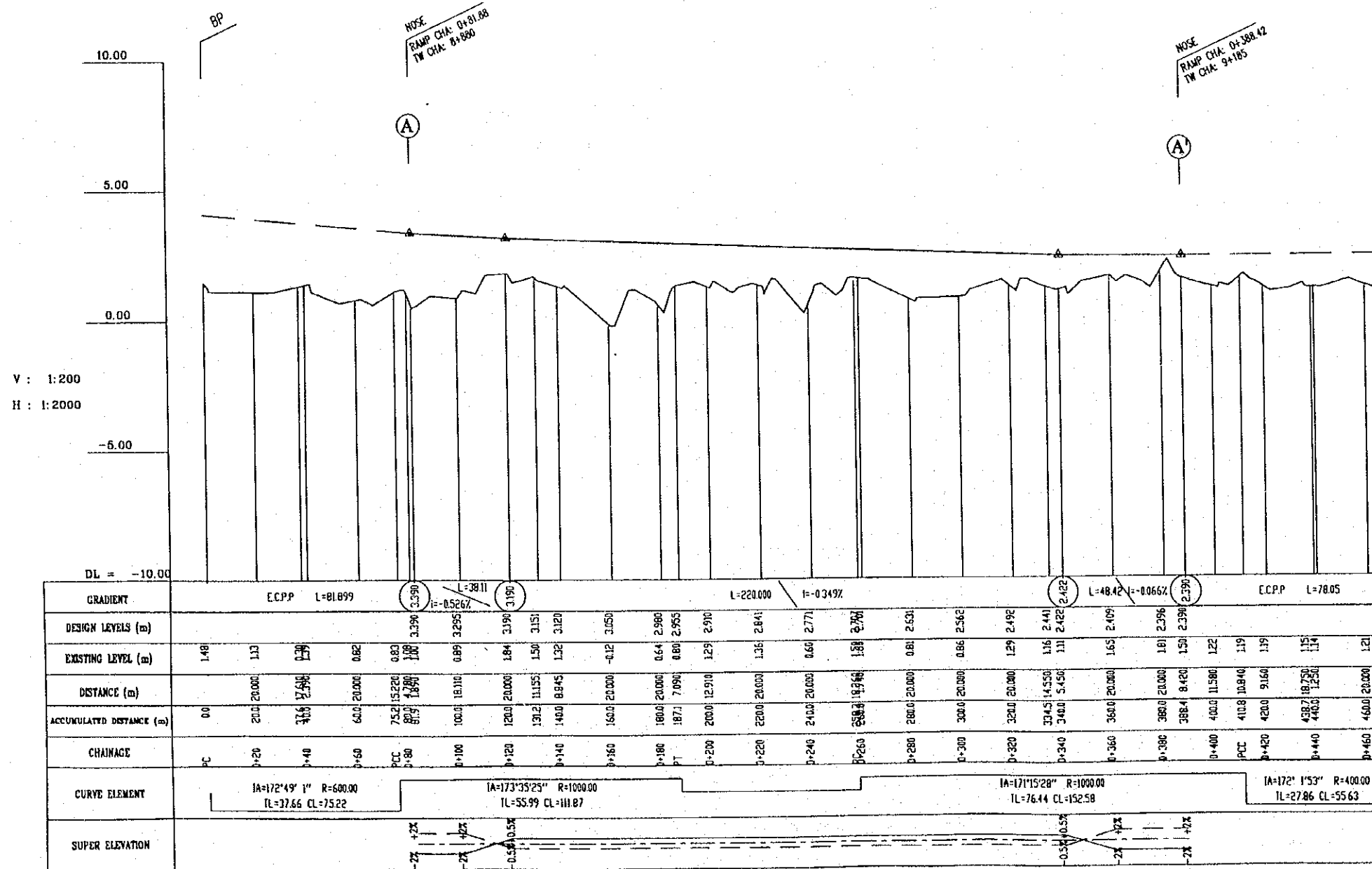
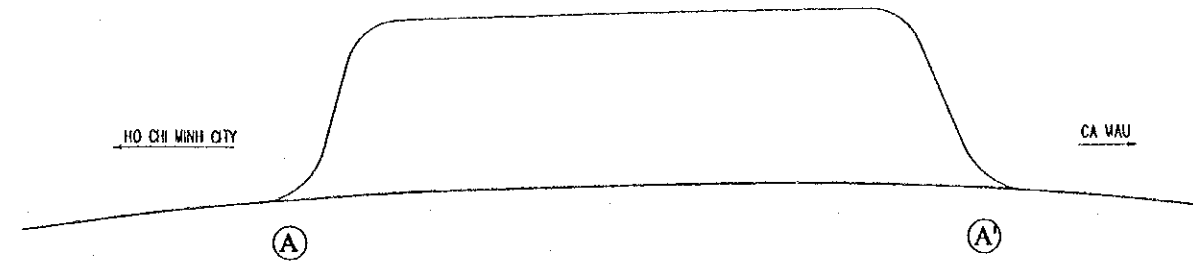


**NOTES:**

CROSS\_SECTION A-A, B-B, C-C SEE DWG B3/SA/040

PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM	PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
				NAME	K. Nemoto	K. Nakai		
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT				DATE	20/9/2000	29/9/2000	5/10/2000	P3/SA/0020
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.	CAN THO SERVICE AREA PLAN				

KEY - PLAN  
NOT TO SCALE



GRADIENT	E.C.P.P L=81.899		L=38.11 i=-0.526%		L=220.000 i=-0.349%		L=48.42 i=-0.066%		E.C.P.P L=78.05		
DESIGN LEVELS (m)			3.390	3.190			2.390				
EXISTING LEVEL (m)	1.48	1.13	0.83	0.89	1.84	1.50	1.31	1.65	1.19	1.21	
DISTANCE (m)			75.21	100.00	120.00	130.21	140.00	165.00	181.00	182.00	
ACCUMULATED DISTANCE (m)	00	20.00	35.68	64.00	120.00	130.21	140.00	165.00	181.00	182.00	
CHAINAGE	PC	0+20	0+40	0+60	0+80	0+100	0+120	0+140	0+160	0+180	
CURVE ELEMENT	IA=172°49'1" R=600.00 IL=37.66 CL=75.22			IA=173°35'25" R=1000.00 IL=55.99 CL=111.87			IA=171°15'28" R=1000.00 IL=76.44 CL=152.58			IA=172°1'53" R=400.00 IL=27.86 CL=55.63	
SUPER ELEVATION											

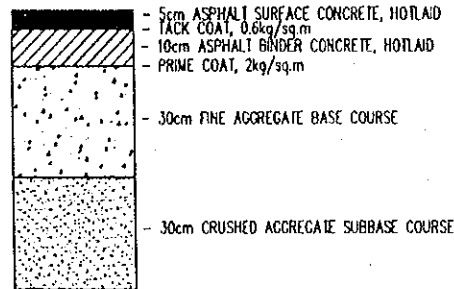
NOTES:

SCALE AS SHOWN  
ALL UNITS ARE IN MILLIMETERS

PROJECT NAME DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	IMPLEMENTATION AGENCY JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	EXECUTING AGENCY SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	JICA STUDY TEAM NIPPON KOEI CO.,LTD.	PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE CAN THO SERVICE AREA PROFILE OF RAMP	DWG NO. P3/SA/0030
				NAME K. Nemoto	K. Nakai	K. Enomoto		
				SIGNATURE 				
				DATE 20/9/2000	29/9/2000	5/10/2000		

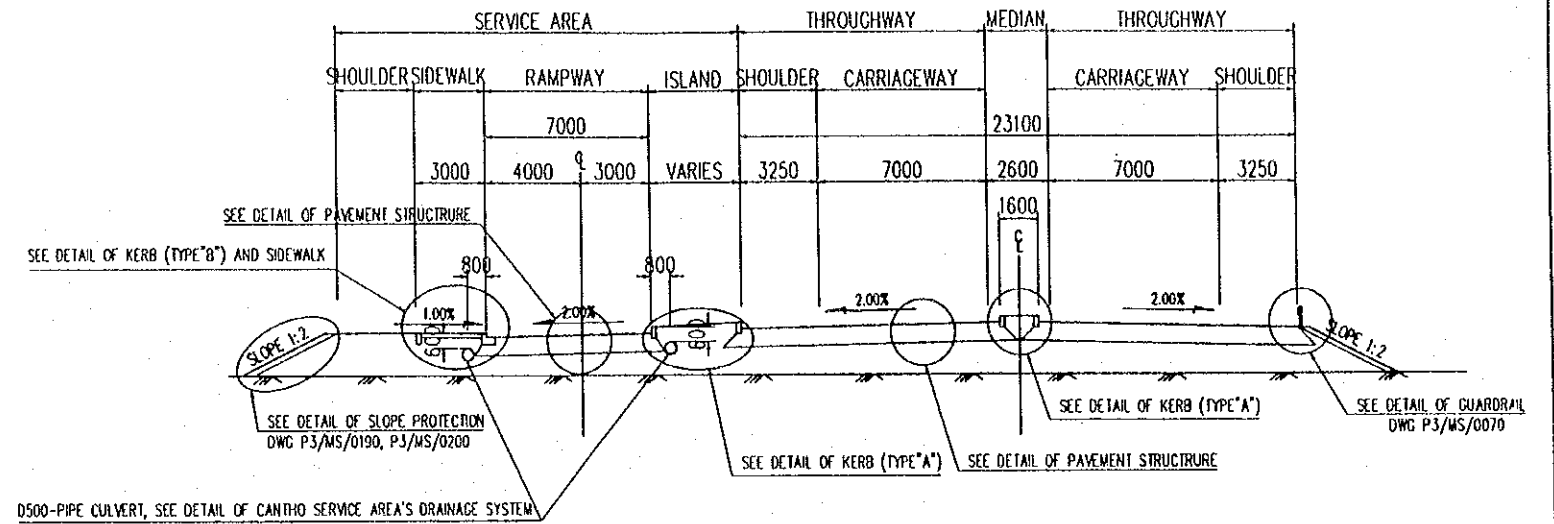
### PAVEMENT STRUCTURE

SCALE 1/20



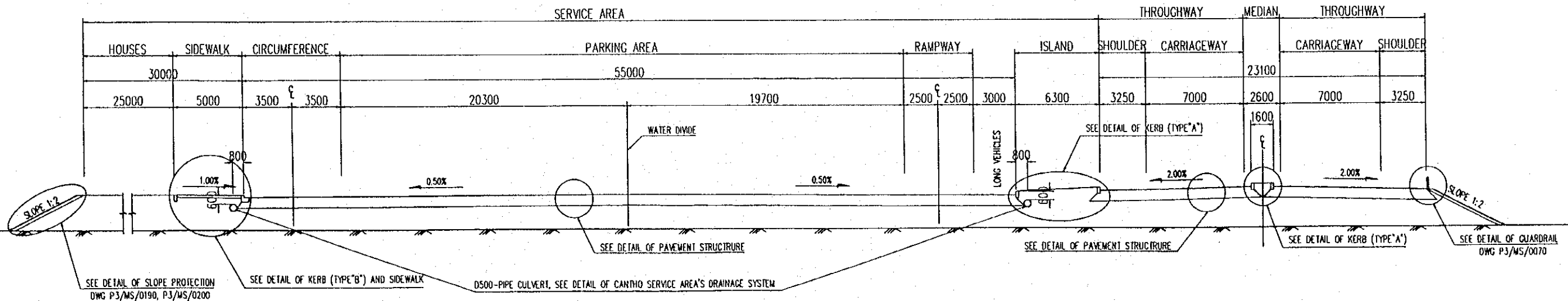
### A-A & C-C

SCALE 1:300



### B-B

SCALE 1:300



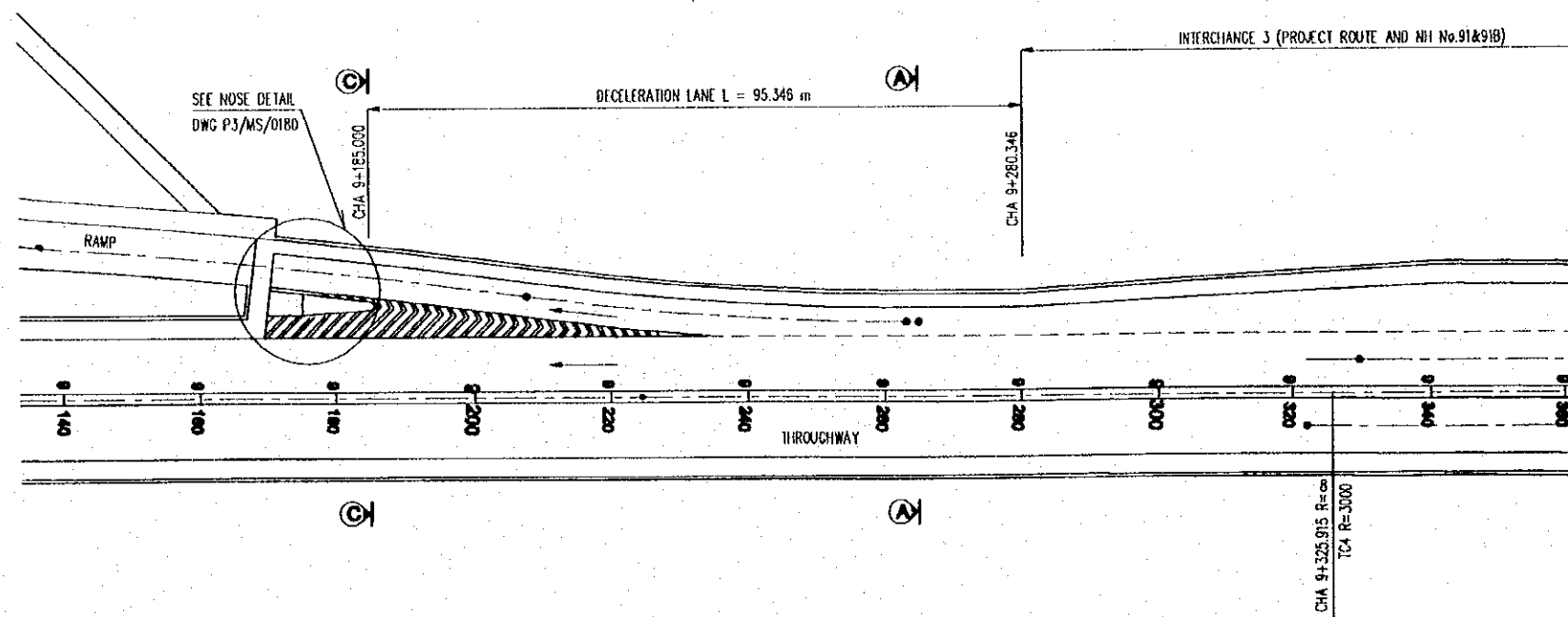
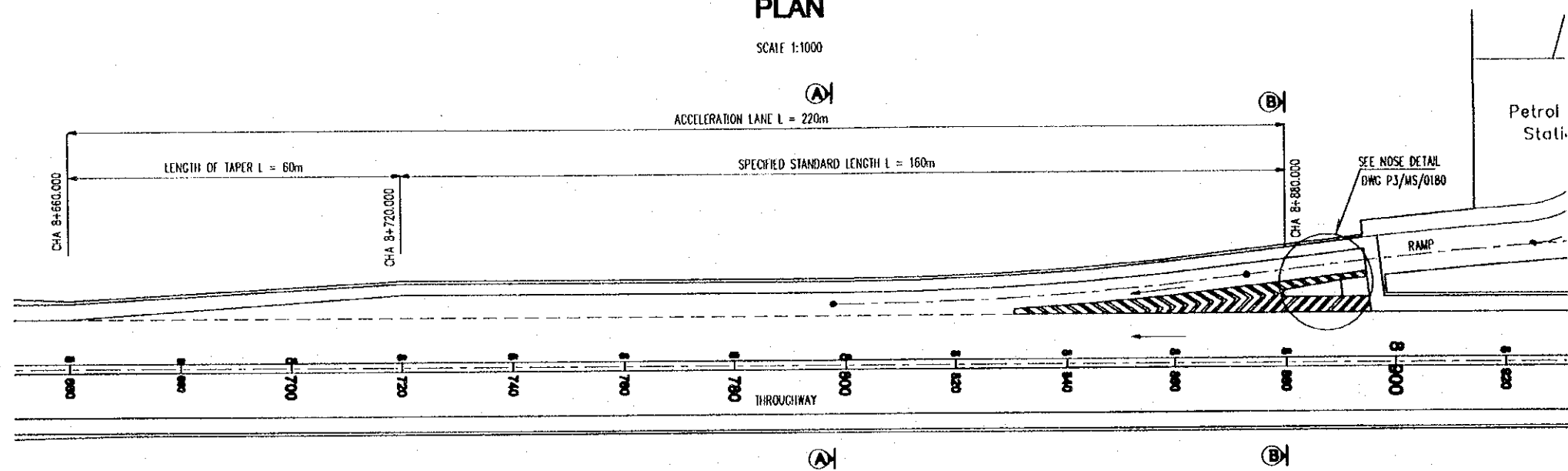
### NOTES:

ALL DIMENSIONS ARE IN MILLIMETERS, UNLESS OTHERWISE INDICATED  
LOCATION OF CROSS-SECTION SEE DWG P3/SA/0020

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	CAN THO SERVICE AREA TYPICAL CROSS SECTION AND PAVEMENT STRUCTURE	P3/SA/0040

**PLAN**

SCALE 1:1000

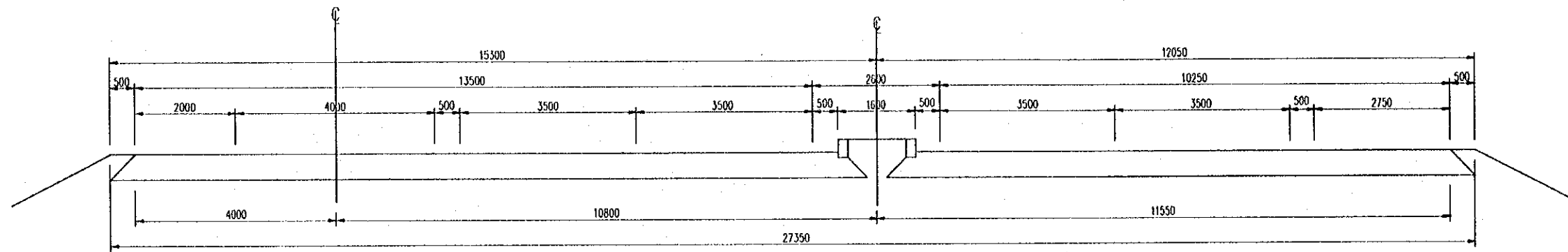


NOTES:  
 - SCALE AS SHOWN.  
 - ALL DIMENSIONS ARE METERS,  
 UNLESS OTHERWISE INDICATED

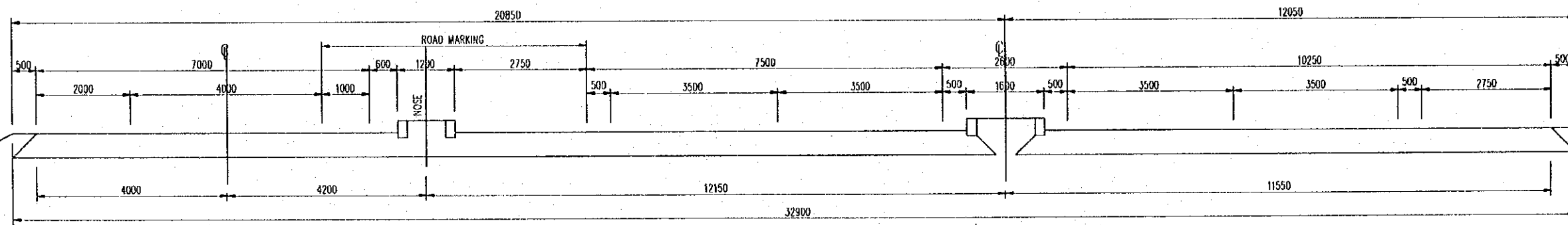
PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM	PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	NIPPON KOEI CO.,LTD.	NAME	K. Nemoto	K. Nakai	CAN THO SERVICE AREA RAMP TERMINAL DETAIL (1/2)	P3/SA/0050
				SIGNATURE	<i>K. Nemoto</i>	<i>K. Nakai</i>		
				DATE	20/9/2000	24/9/2000		
						K. Enomoto		

# SECTIONS

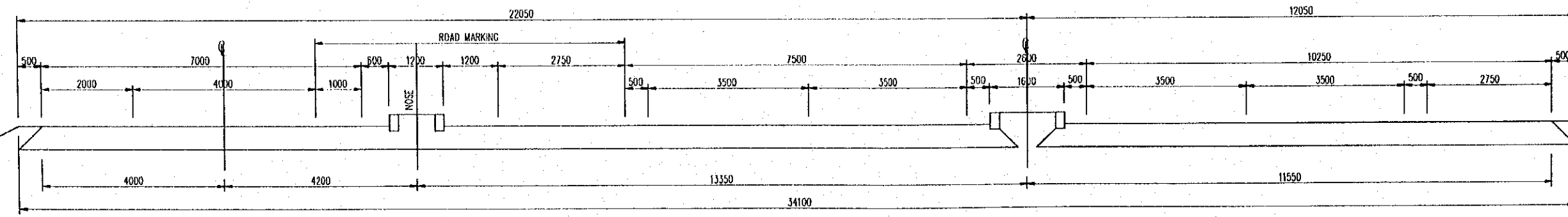
**A-A**  
SCALE 1:100



**B-B**  
SCALE 1:100

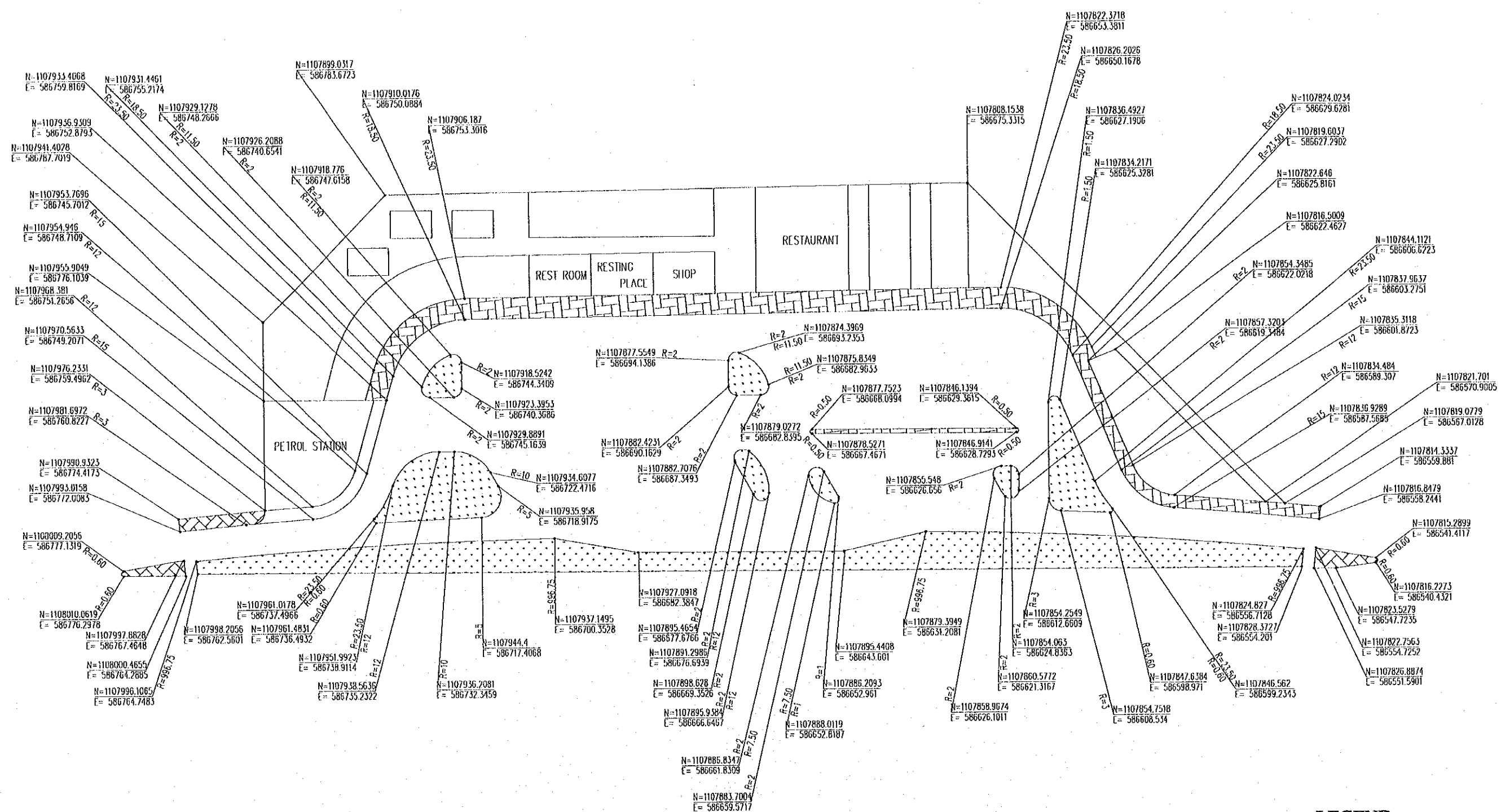


**C-C**  
SCALE 1:100







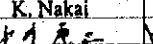
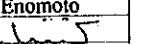
**NOTES:**  
 - SCALE AS SHOWN.  
 - ALL DIMENSIONS ARE MILLIMETER,  
 UNLESS OTHERWISE INDICATED

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	JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	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	CAN THO SERVICE AREA RAMP TERMINAL DETAIL(2/2)	F3/SA/0060



**LEGEND**

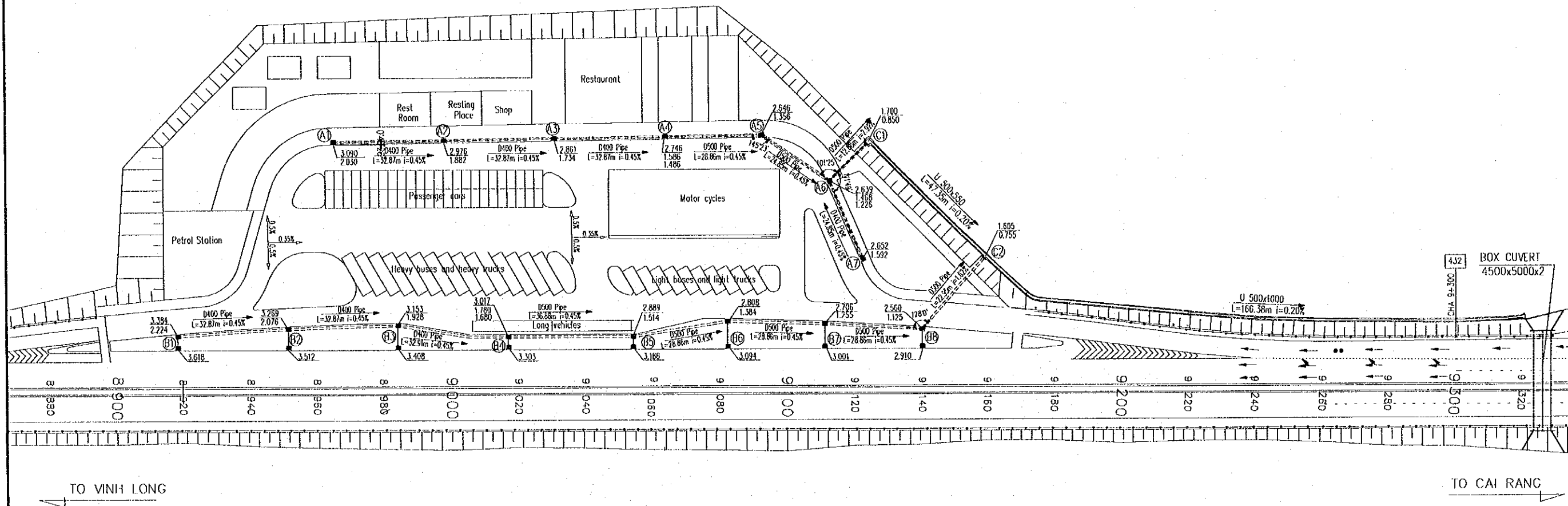
	SODDING
	INTERLOCKING CONCRETE PAVING

PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM	PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	 NIPPON KOEI CO.,LTD.	NAME: K. Nemoto SIGNATURE:  DATE: 20/9/2000	NAME: K. Nakai SIGNATURE:  DATE: 29/9/2000	NAME: K. Enomoto SIGNATURE:  DATE: 5/10/2000	CAN THO SERVICE AREA ISLAND'S LAYOUT AND GEOMETRIC DATA (SCALE 1:1000)	P3/SA/0070

# CAN THO SERVICE AREA

## PLAN LAYOUT OF DRAINAGE SYSTEM

SCALE 1:1250



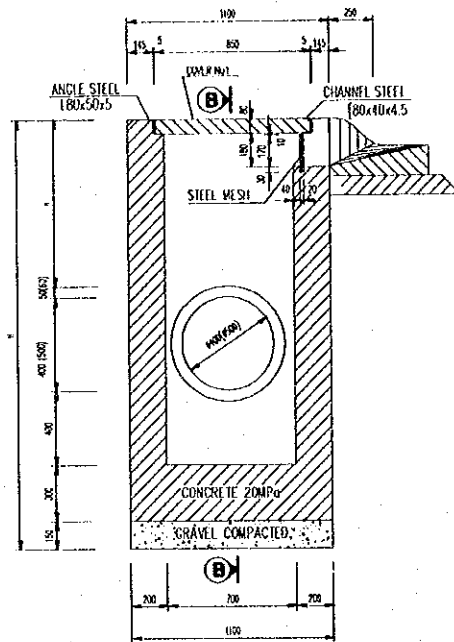
NOTE:  
- ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE INDICATED

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	(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	CAN THO SERVICE AREA PLAN LAY OUT FOR DRAINAGE SYSTEM	P3/SA/0080

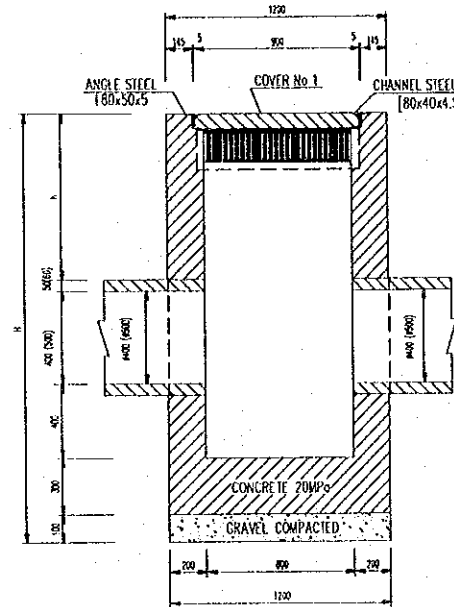


# CATCH BASIN (TYPE A1, A2, A3, A4, A5, A6, A7)

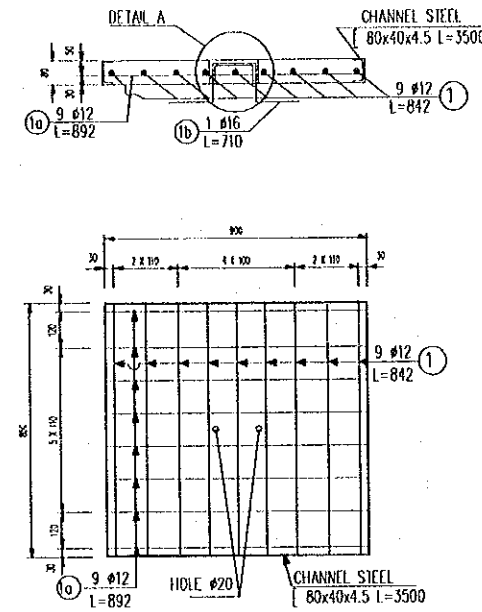
**SECTION A - A**  
SCALE 1:40



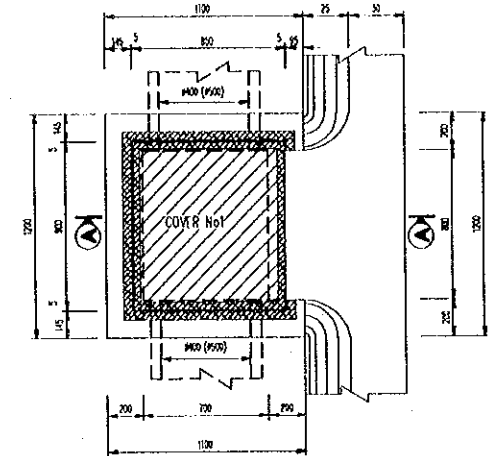
**SECTION B - B**  
SCALE 1:40



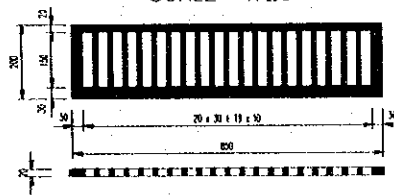
**COVER No 1**  
SCALE 1:25



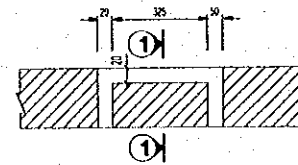
**PLAN LAYOUT**  
SCALE 1:40



**STEEL MESH**  
SCALE 1:20



**DETAIL A**  
SCALE 1:10



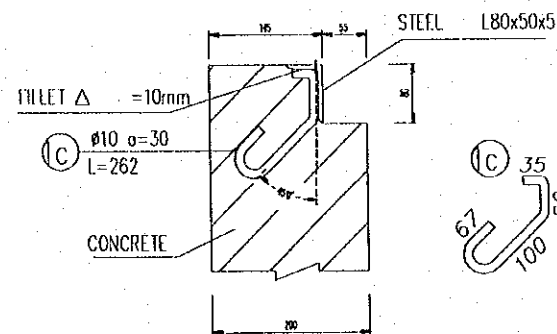
**QUANTITY TABLE FOR 1 COVER**

ITEM	SYMBOL	DIAMETER OF BARS (mm)	LENGTH OF BAR (mm)	NUMBER OF BARS	TOTAL LENGTH (m)	TOTAL WEIGHTS (kg)	BENDING DIAGRAM
COVER No 1	1	12	842	9	7.58	6.73	1 — 842
	1a	12	892	8	7.86	6.98	1a — 892
	1b	16	710	1	0.71	0.63	1b — 150
		- CONCRETE = 0.06m <sup>3</sup>		- STEEL #12 = 13.71kg.			
		- FILLET A 10 = 0.64m.		- STEEL #16 = 0.63kg.			
		- FILLET POINTS = 34 POINTS.		- STEEL [ 80x40x4.5 = 3.50m/24.68kg			

THE WEIGHT OF STEEL MESH FOR DROP INLET = 12.60kg.  
ANGLE STEEL L80x50x5 = 3.15m/15.72kg.  
ANCHOR STEEL #10 a=300 = 1.96kg.

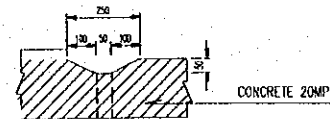
**DETAIL OF ANCHOR OF ANGLE STEEL 80X50X5**

SCALE 1:10



**SECTION 1-1**

SCALE 1:10



**DIMENSION**

TYPE	h	H
A1	610	1910
A2	644	1944
A3	677	1977
A4	710	2110
A5	730	2140
A6	853	2263
A7	610	1910

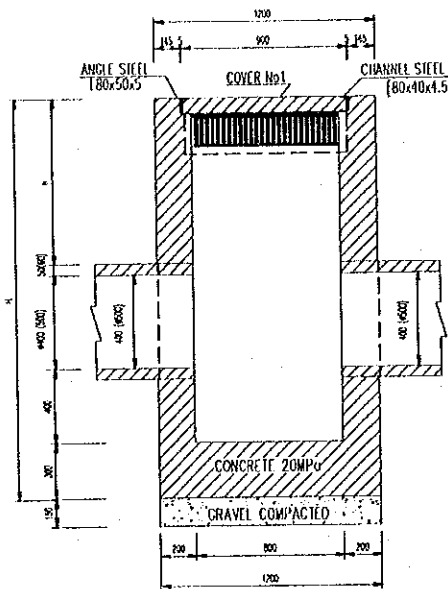
**NOTE:**

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE INDICATED.

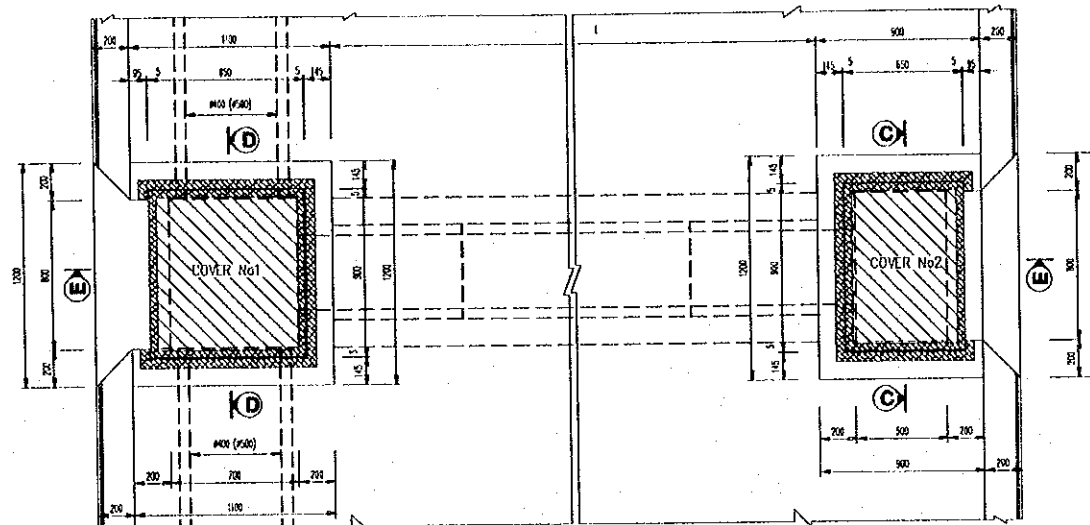
PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM	PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	NIPPON KOKI CO.,LTD.	K. Nemoto	K. Nakai	K. Enomoto	CAN THO SERVICE AREA STRUCTURAL OF STORM WATER SYSTEM (1/3)	P3/SA/0090

# CATCH BASIN (TYPE B1, B2, B3, B4, B5, B6, B7, B8)

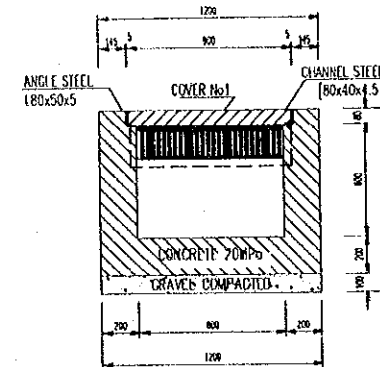
**SECTION D - D**  
SCALE 1:40



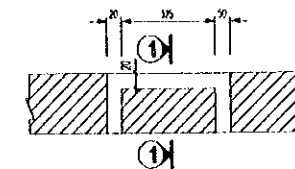
**PLAN LAYOUT**  
SCALE 1:40



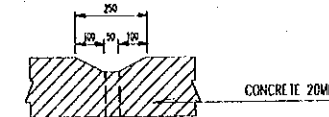
**SECTION C - C**  
SCALE 1:40



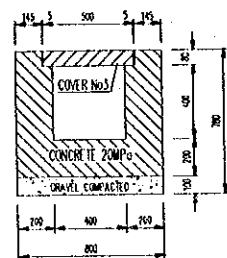
**DETAIL A**  
SCALE 1:10



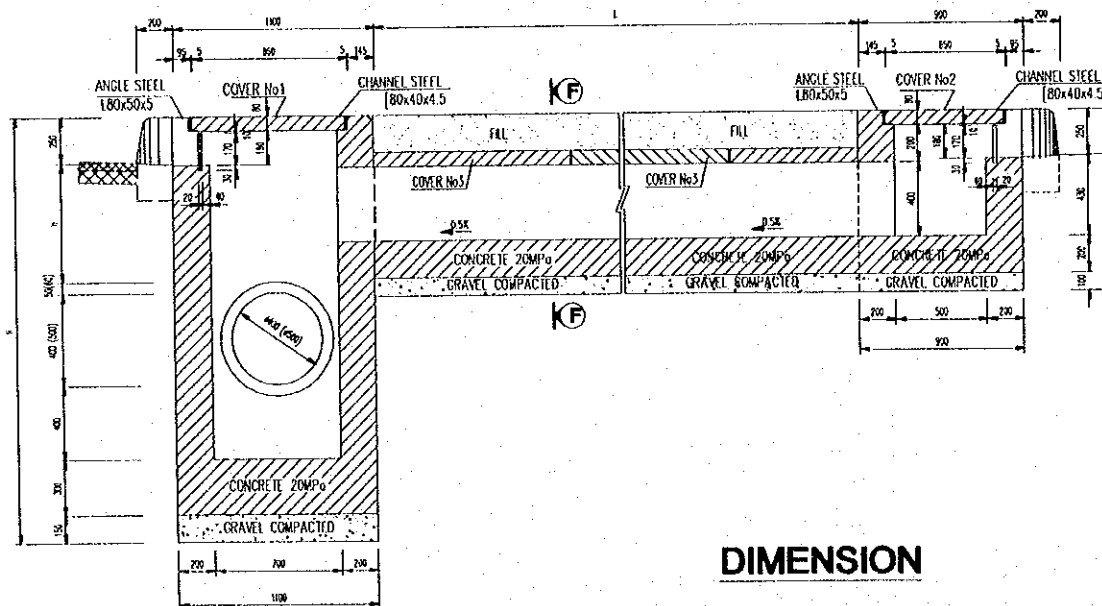
**SECTION 1-1**  
SCALE 1:10



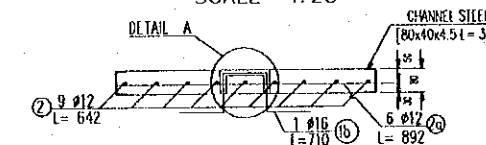
**SECTION F - F**  
SCALE 1:40



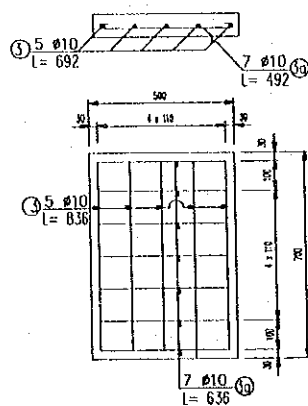
**SECTION E - E**  
SCALE 1:40



**COVER No 2**  
SCALE 1:25



**COVER No 3**  
SCALE 1:25



**QUANTITY TABLE FOR 1 COVER**

ITEM	SYMBOL	DIAMETER OF REINFORCING BAR (mm)	LENGTH OF 1 BAR (mm)	NUMBER OF BARS	TOTAL LENGTH (m)	TOTAL WEIGHTS (kg)	BENDING DIAGRAM
COVER No 2	①b	#16	710	1	7.58	0.63	
	②	#12	642	9	5.78	5.13	
	②a	#12	892	6	5.35	4.75	
- CONCRETE = 0.047m <sup>3</sup> - STEEL #12 = 9.88kg - FILLETS 10 = 0.64m <sup>3</sup> - STEEL #16 = 0.63kg - FILLET POINT = 30POINTS      - STEEL 80x40x4.5 = 3.10m / 21.86kg							
COVER No 3	③	#10	836	5	4.18	2.57	
	③a	#10	838	7	4.45	2.74	
- CONCRETE = 0.028m <sup>3</sup> - STEEL #10 = 5.31kg							
THE WEIGHT OF STEEL MESH FOR DROP INLET = 12.60kg. ANGLE STEEL 80x50x5 = 5.90M/29.44kg. ANCHOR STEEL #10 a=300 = 3.36kg.							

**DIMENSION**

TYPE	h	ll
B1	710	2010
B2	743	2043
B3	775	2075
B4	787	2187
B5	815	2225
B6	864	2274
B7	891	2301
B8	875	2285

**NOTE:**

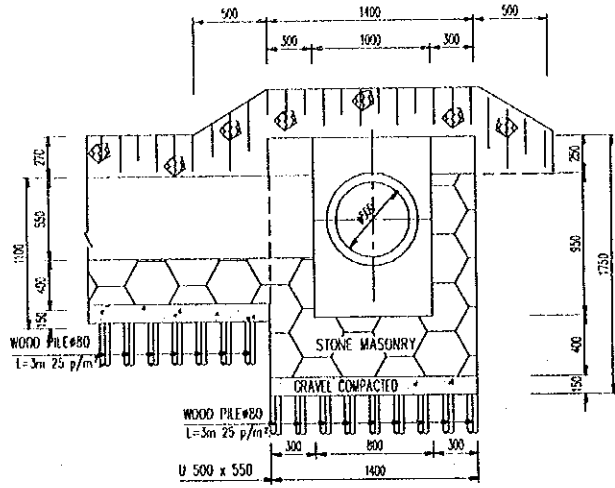
- ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE INDICATED
- STRUCTURE OF STEEL MESH AND DETAIL OF ANCHOR STEEL

SEE DRAWING No: P1/SA/0090

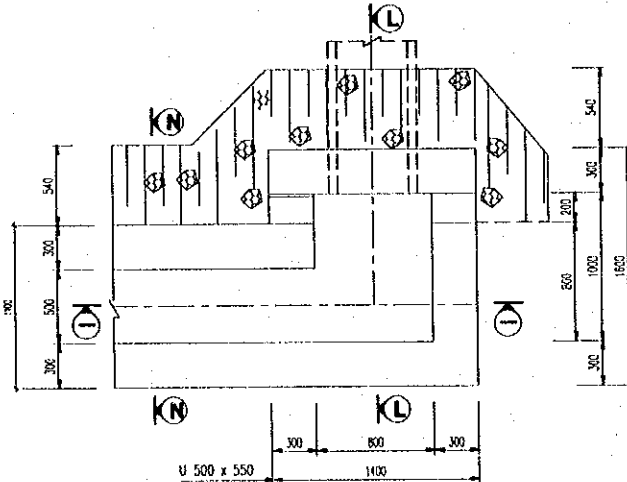
PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM	PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG. NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	(NK) NIPPON KOEI CO., LTD.	K. Nemoto	K. Nakai	K. Enomoto	CAN THO SERVICE AREA STRUCTURAL OF STORM WATER SYSTEM (2/3)	P3/SA/0100
				DATE: 20/9/2000	DATE: 24/9/2000	DATE: 5/10/2000		

**OUTLET  
(TYPE C1, C2, C3)**

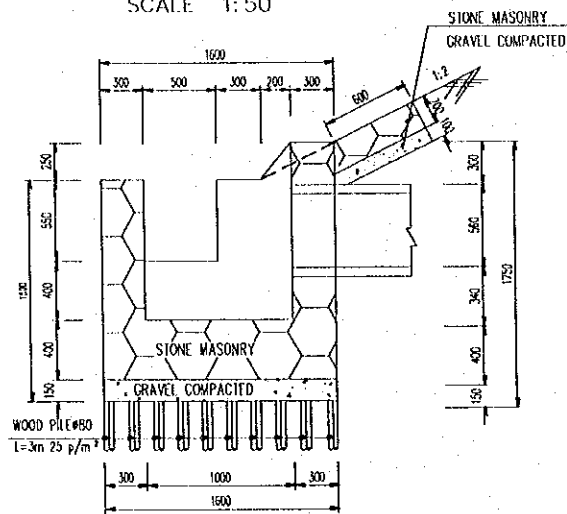
**SECTION I - I**  
SCALE 1:50



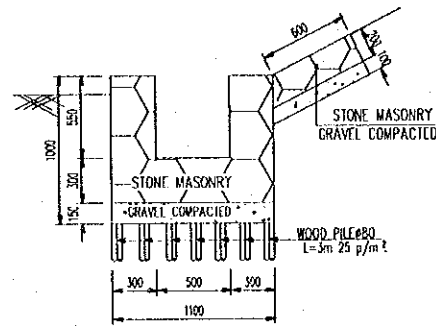
**PLAN OF OUTLET C1**  
SCALE 1:50



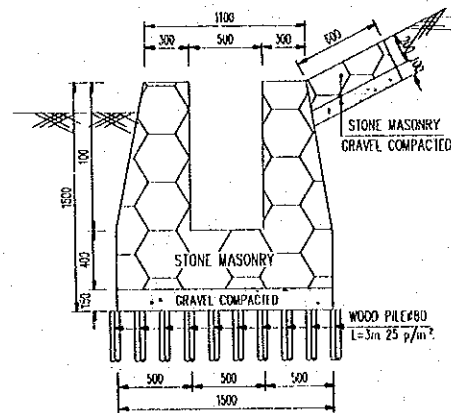
**SECTION L - L**  
SCALE 1:50



**SECTION N - N**  
SCALE 1:50



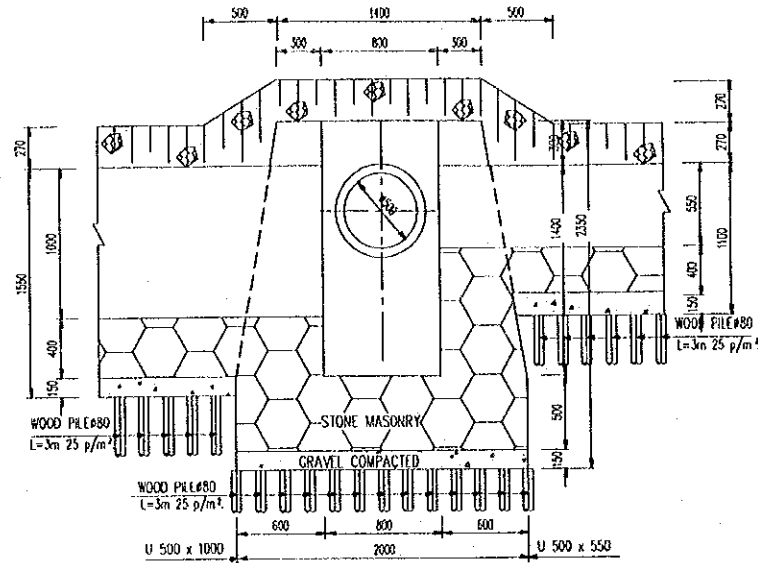
**SECTION M - M**  
SCALE 1:50



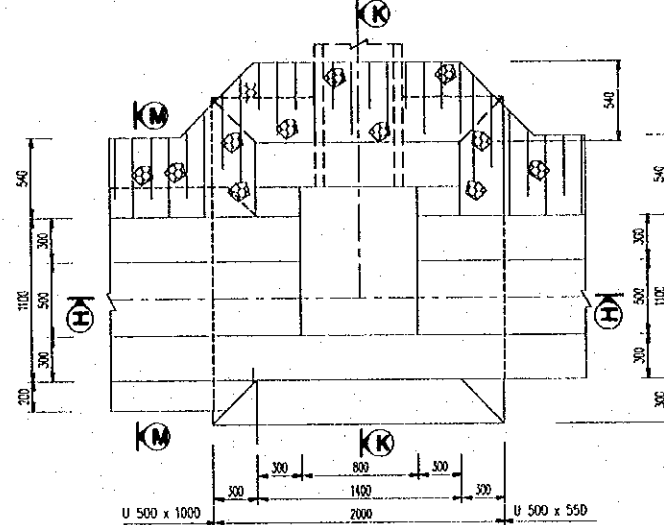
**NOTE**

- 1- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE INDICATED.
- 2- LOCATIONS OF OUTLET C1, C2, C3 OF SIDE DITCH SEE DRAWING No P3/SA/0080.

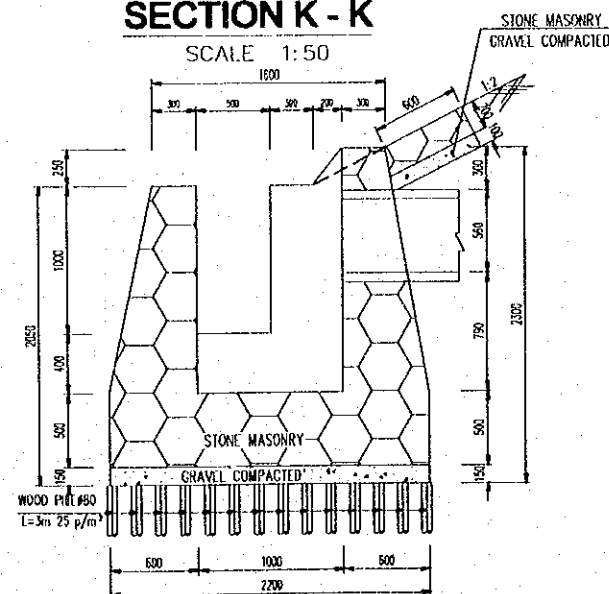
**SECTION H - H**  
SCALE 1:50



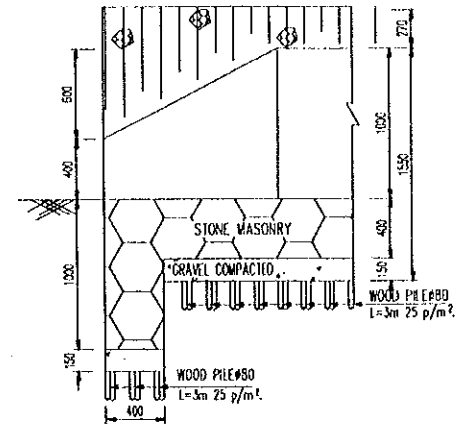
**PLAN OF OUTLET C2**  
SCALE 1:50



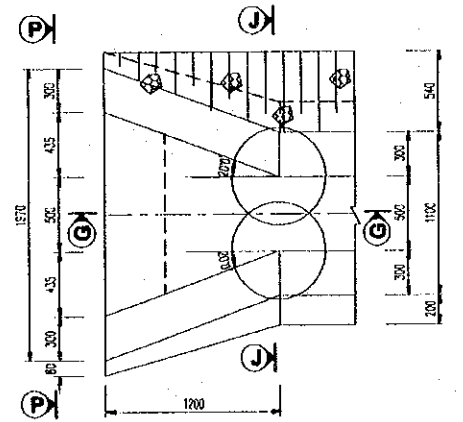
**SECTION K - K**  
SCALE 1:50



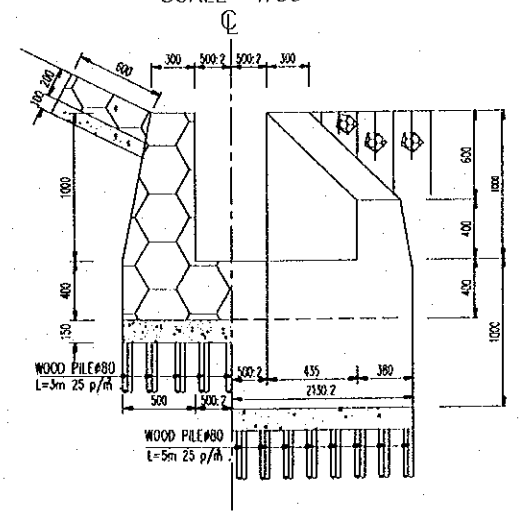
**SECTION G - G**  
SCALE 1:50



**PLAN OF OUTLET C3**  
SCALE 1:50



**HALF SECTION J - J HALF SECTION P - P**  
SCALE 1:50



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	CAN THO SERVICE AREA STRUCTURAL OF STORM WATER SYSTEM (3/3)	P3/SA/0110



