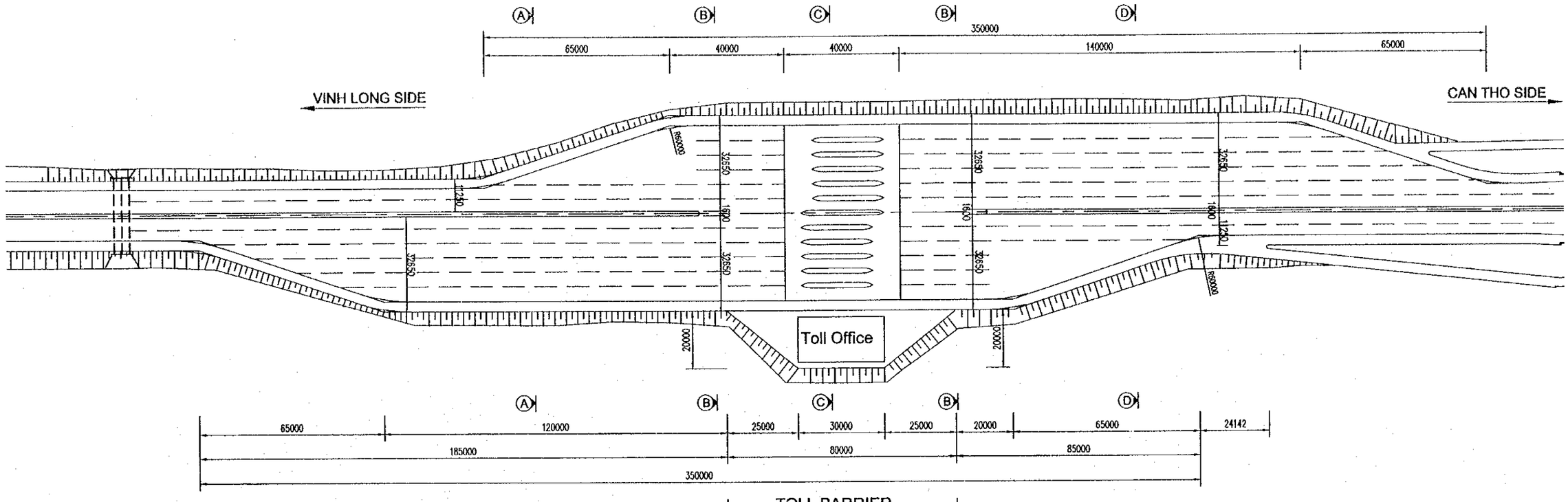
P3/TG TOLL GATE

PLAN

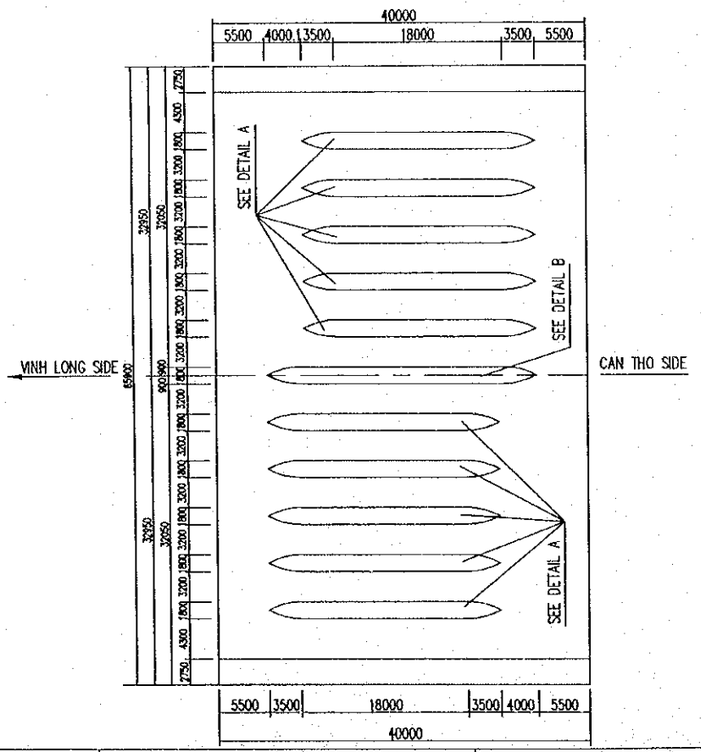
SCALE 1:1500



TOLL BARRIER
L=80m

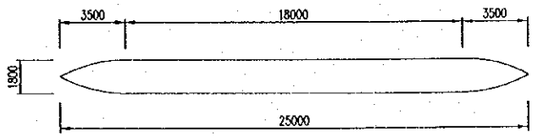
DETAIL OF TOLL GATE PLAN

NOT TO SCALE



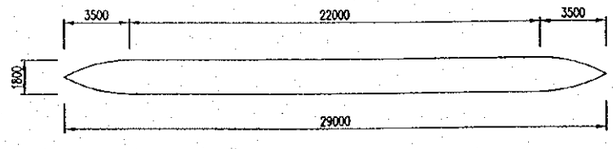
DETAIL A

NOT TO SCALE



DETAIL B

NOT TO SCALE



NOTES

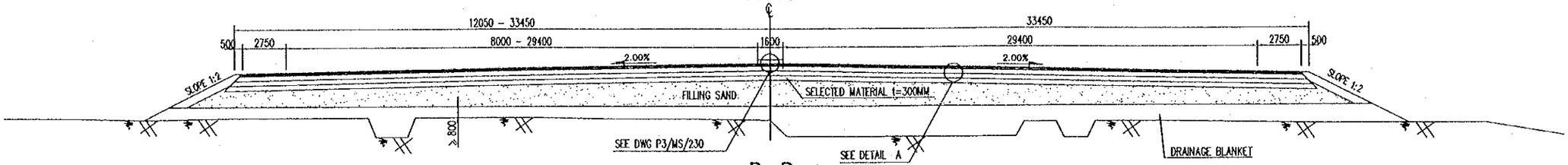
- CROSS-SECTION, SEE DWG P3/TG/020.
- DETAIL OF GATE ISLAND AND BOOTH, SEE DWG P3/TG/030, P3/TG/040.
- ALL DIMENSIONS ARE IN MILIMETERS.

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	K. Enomoto	TOLL GATE PLAN	P3/TG/0010
				SIGNATURE	K. Nemoto				
				DATE	20/9/2000	29/9/2000	5/10/2000		

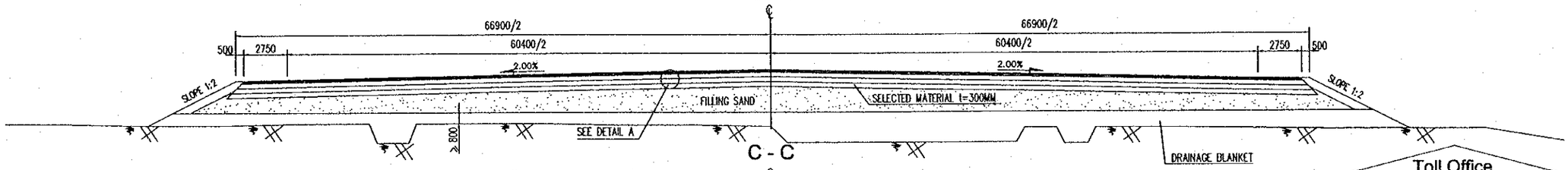
TYPICAL CROSS-SECTION

SCALE 1:300

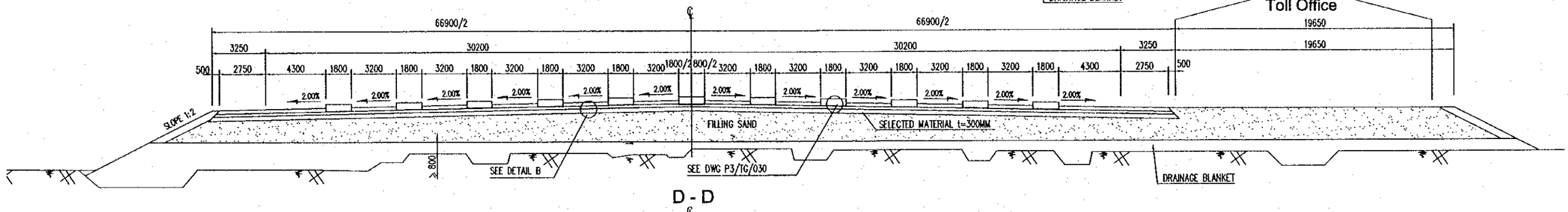
A - A



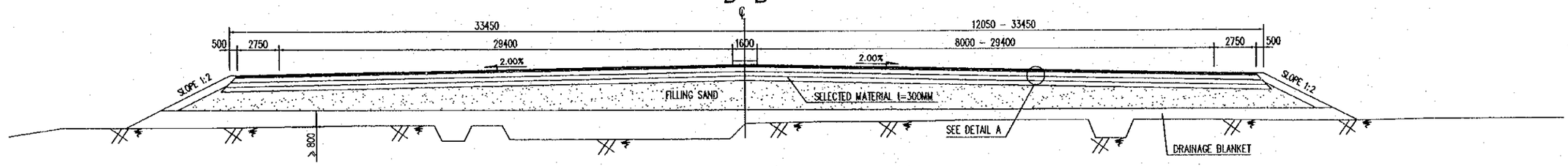
B - B



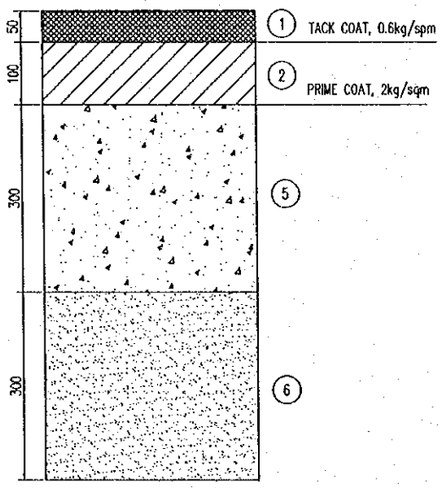
C - C



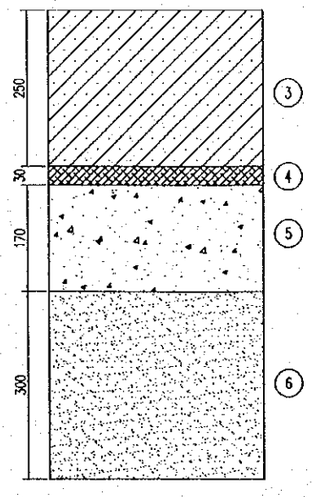
D - D



DETAIL A



DETAIL B

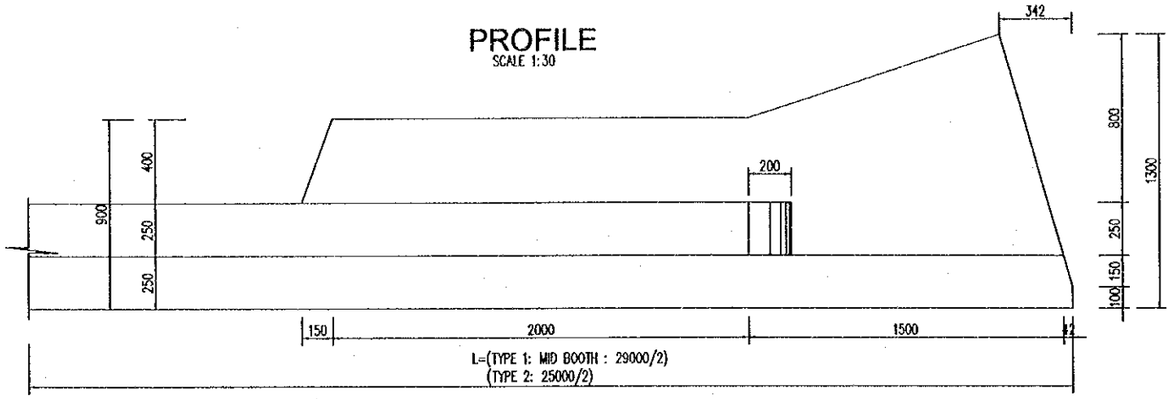


NOTES :

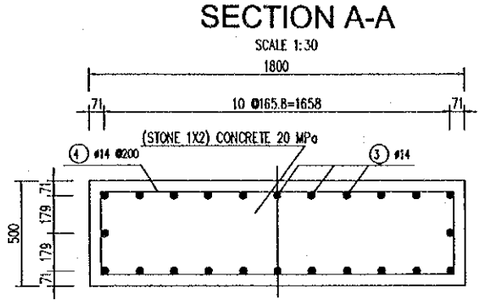
1. ~ ASPHALT SURFACE CONCRETE, HOTLAID.
2. ~ ASPHALT BINDER CONCRETE, HOTLAID.
3. ~ CONCRETE 30 MPa.
4. ~ MIXED SAND & BITUMEN.
5. ~ FINE AGGREGATE BASE COURSE.
6. ~ CRUSHED AGGREGATE SUBBASE COURSE.

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	K. Enomoto	TOLL GATE TYPICAL CROSS-SECTION AND PAVEMENT STRUCTURE	P3/TG/0020
				SIGNATURE	K. Nemoto				
				DATE	20/9/2000	29/9/2000	5/10/2000		

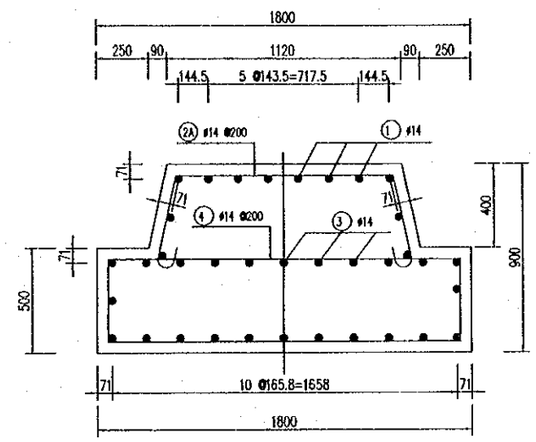
PROFILE
SCALE 1:30



SECTION A-A
SCALE 1:30

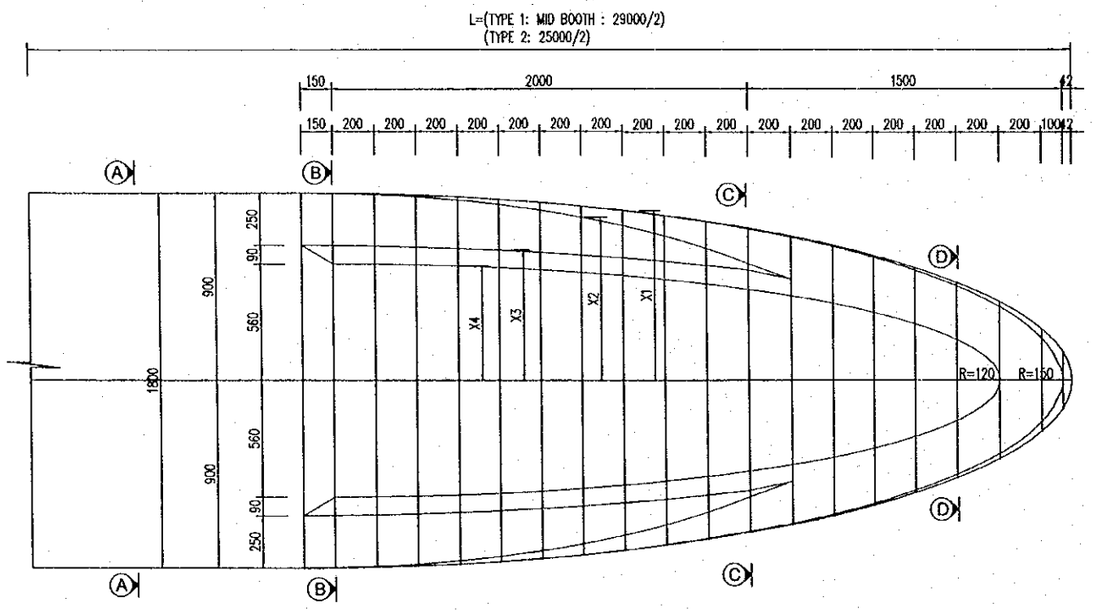


SECTION B-B
SCALE 1:30

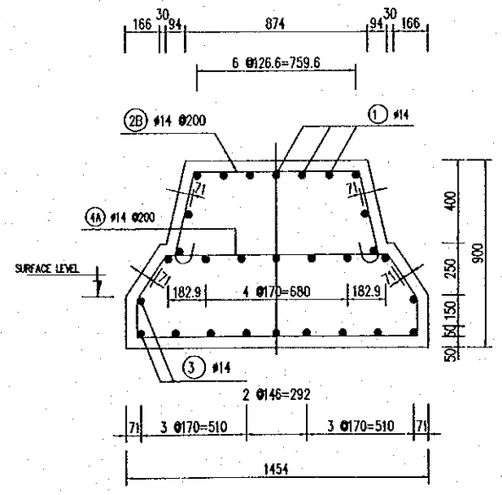


X1		900	899	896	889	881	869	854	836	815	790	761	727	688	651	591	529	453	354	201
X2		900	898	893	882	866	844	817	784	743	694	635	561	486						
X3		650	648	646	641	634	625	615	603	558	572	553	531	486	370	326	271	195		
X4			560	559	557	550	542	532	519	504	485	463	437	407						

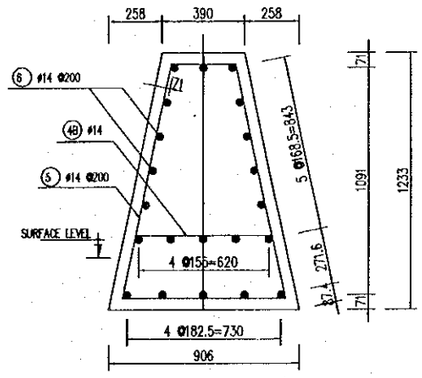
PLAN
SCALE 1:30



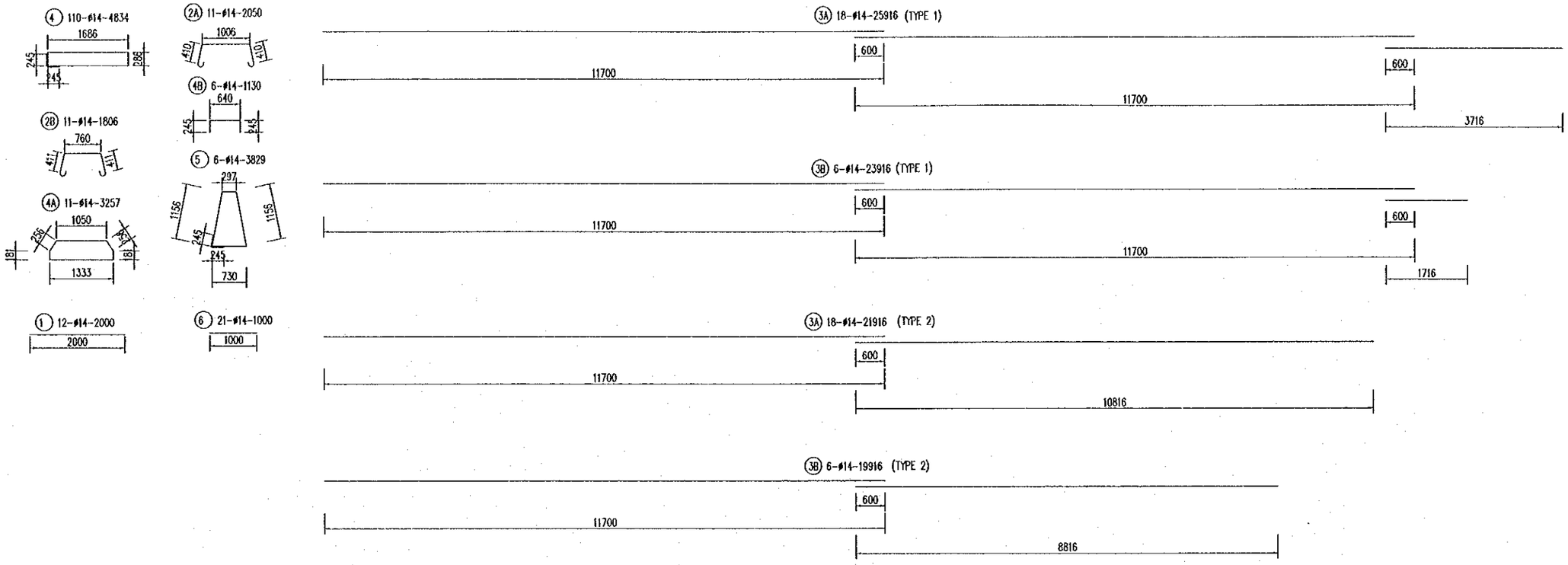
SECTION C-C
SCALE 1:30



SECTION D-D
SCALE 1:30



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	K. Enomoto	TOLL GATE DETAIL OF TOLL GATE ISLAND AND BOOTH (1/2)	P3/TG/0030
				SIGNATURE	K. Nemoto				
				DATE	20/9/2000	29/9/2000	5/10/2000		



STEEL QUANTITY(TYPE 1: 1 (NUM))

MARK	BENDING DIAGRAM	DIA (MM)	LENGTH (MM)	REQUIRED	UNIT WEIGHT (KG/M)	WEIGHT (KG)	REMARKS
1		φ14	2000	12	1.208	29.0	
2A		φ14	2050	11	1.208	27.2	
2B		φ14	1806	11	1.208	24.0	
3A		φ14	25916	18	1.208	563.5	
3B		φ14	23916	6	1.208	173.3	
4		φ14	4834	110	1.208	642.3	
4A		φ14	3257	11	1.208	43.3	
4B		φ14	1130	6	1.208	8.2	
5		φ14	3829	6	1.208	27.7	
6		φ14	1000	21	1.208	25.4	
					SUM	1563.9	

STEEL QUANTITY(TYPE 2: 10 (NUM))

MARK	BENDING DIAGRAM	DIA (MM)	LENGTH (MM)	REQUIRED	UNIT WEIGHT (KG/M)	WEIGHT (KG)	REMARKS
1		φ14	2000	120	1.208	289.92	
2A		φ14	2050	110	1.208	272.4	
2B		φ14	1806	110	1.208	239.9	
3A		φ14	21916	180	1.208	4765.4	
3B		φ14	19916	60	1.208	1443.5	
4		φ14	4834	1100	1.208	6423.4	
4A		φ14	3257	110	1.208	432.8	
4B		φ14	1130	60	1.208	81.9	
5		φ14	3829	60	1.208	277.5	
6		φ14	1000	210	1.208	253.7	
					SUM	14480.42	

CONCRETE QUANTITY

TYPE 1			TYPE 2		
	UNIT	QUANTITY		UNIT	QUANTITY
(STONE1X2)CONCRETE 20 MPa	M3	24.6	(STONE1X2)CONCRETE 20 MPa	M3	143.0

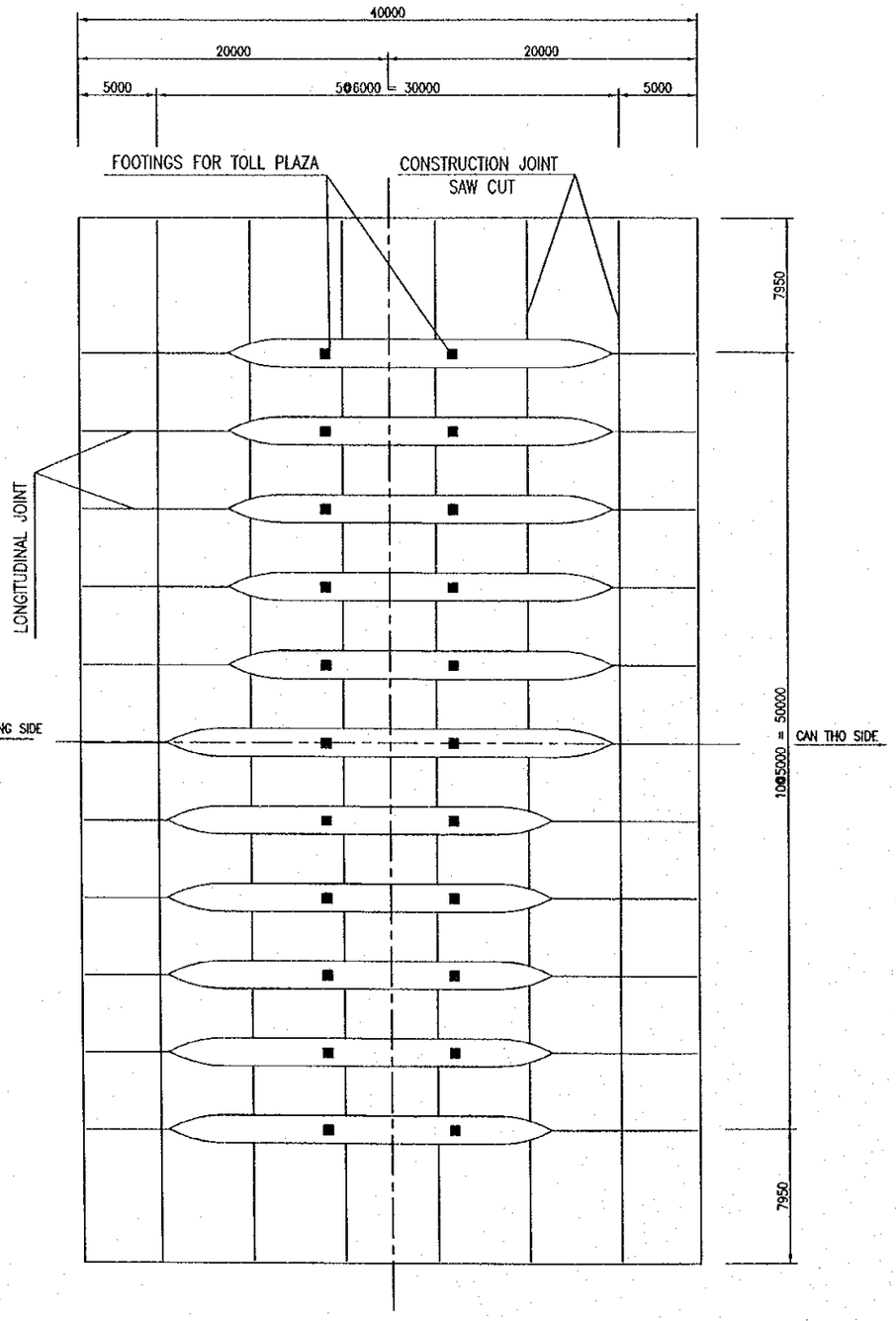
NOTE :

- ALL DIMENSIONS ARE IN MILIMETERS.

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	K. Enomoto	TOLL GATE DETAIL OF TOLL GATE ISLAND AND BOOTH (2/2)	P3/TG/0040
				SIGNATURE					
				DATE	20/9/2000	29/9/2000	5/10/2000		

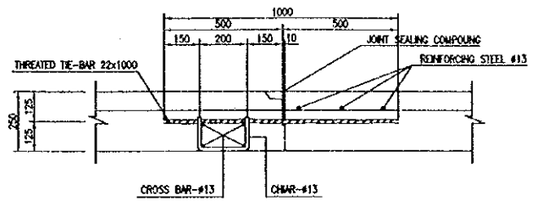
JOINT PLAN

SCALE 1:400



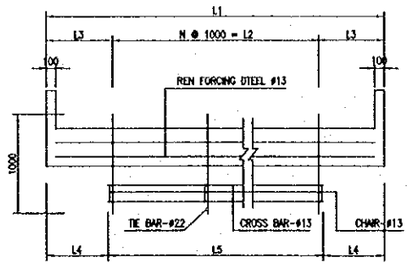
LONGITUDINAL JOINT

SCALE 1 : 25



DETAILS OF LONGITUDINAL JOINT

SCALE 1 : 50



LENGTH OF LONGITUDINAL JOINT

L1	N @ 1000 = L2	L3	L4	L5
5000	4@1000 = 4000	500	450	4100
4500	3@1000 = 3000	500	450	3600

MATERIALS OF LONGITUDINAL JOINT

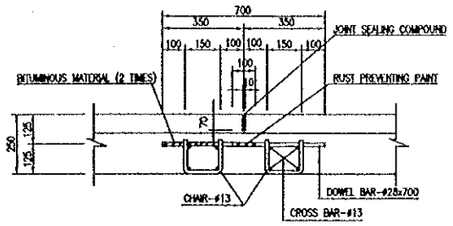
	PER 5.00m	PER 4.50m
JOINT SEALANT	5.00 m	4.50 m
THREATED TIE BAR - (#22)	5.00 m	4.00 m
CHAIR - (#13)	2.25 m	1.18 m
CROSS BAR - (#13)	16.40 m	14.40 m
REINFORCING STEEL - (#13)	14.40 m	12.90 m
BITUMINOUS MATERIAL (2 TIMES)	0.03 m²	0.03 m²

QUANTITY

ITEM	DESCRIPTION	SPEC.	UNIT	QUANTITY	REMARKS
JOINT	LONGITUDINAL PRESS JOINT		m	161.00	
	CUT JOINT		m	318.00	

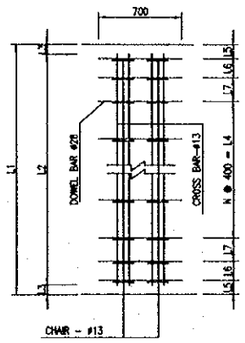
CUT JOINT (SAW JOINT)

SCALE 1 : 25



DETAILS OF CUT JOINT

SCALE 1 : 50



LENGTH OF CUT OFF JOINT

L1	L2	L3	N @ 400 = L4	L5	L6	L7
7950	7750	100	16@400 = 6400	200	250	325
7050	6850	100	14@400 = 5600	150	200	275
5000	4800	100	10@400 = 4000	125	150	225
3600	3550	100	7@400 = 2800	125	150	200
3000	3000	100	5@400 = 2000	125	150	225

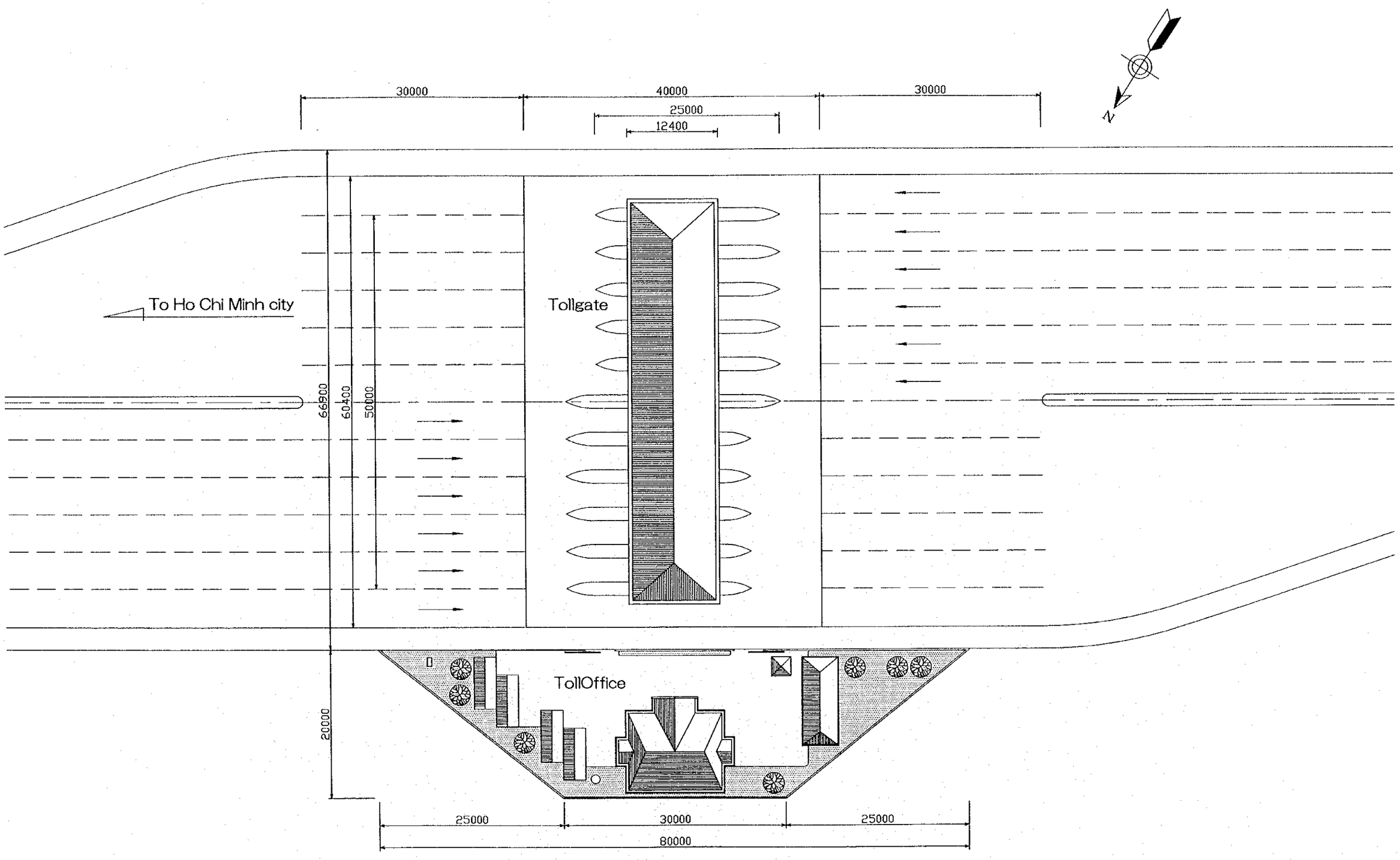
MATERIALS OF CUT JOINT

	PER 7.95m	PER 7.05m	PER 5.00m	PER 3.80m	PER 3.20m
JOINT SEAL COMPOUND	0.008 m³	0.005 m³	0.004 m³	0.003 m³	0.002 m³
DOWEL BAR - (#28)	14.70 m	13.30 m	10.50 m	8.40 m	7.00 m
CHAIR - (#13)	16.80 m	15.20 m	12.00 m	9.80 m	8.00 m
CROSS BAR - (#13)	82.00 m	54.80 m	38.40 m	28.40 m	25.60 m
RUST PREVENTING PAINT	0.18 m²	0.17 m²	0.13 m²	0.11 m²	0.09 m²
BITUMINOUS MATERIAL (2 TIMES)	0.46 m²	0.42 m²	0.33 m²	0.26 m²	0.22 m²

NOTE :

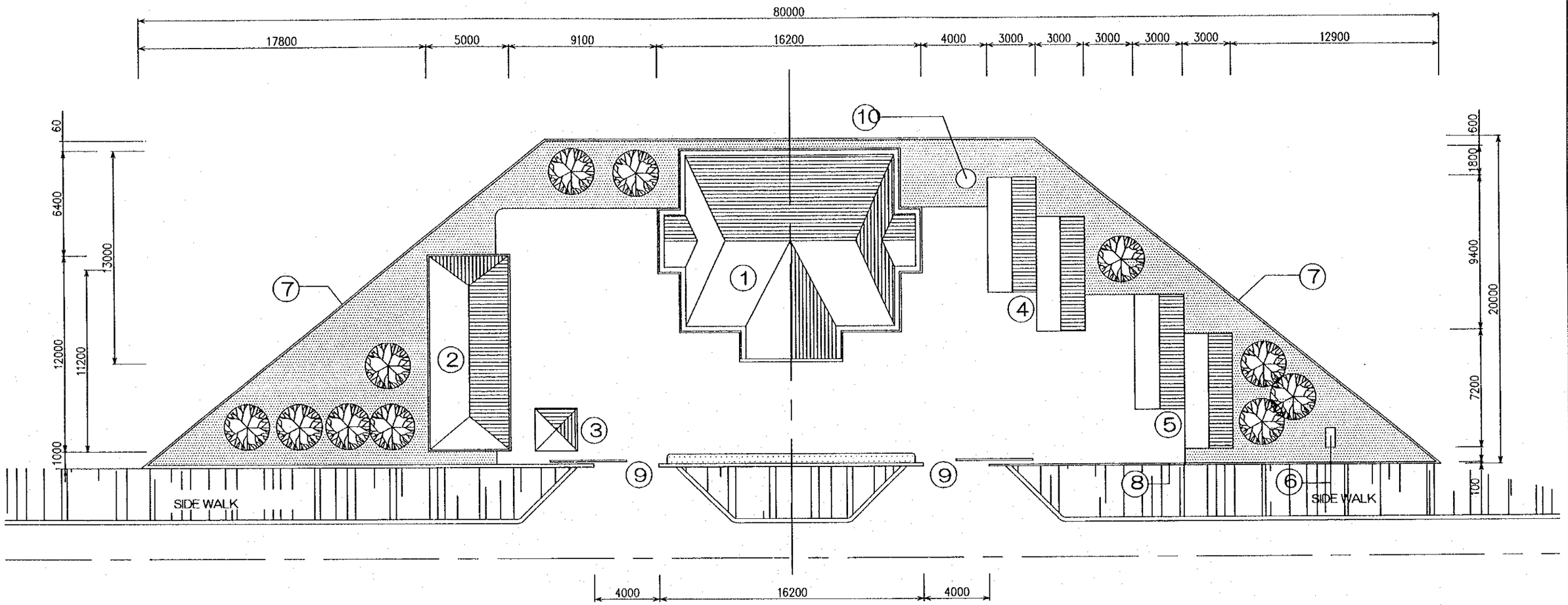
- ALL DIMENSIONS ARE IN MILIMETERS.

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	K. Enomoto	TOLL GATE JIONT PLAN FOR PCCR	P3/TG/0050
				SIGNATURE	K. Nemoto				
				DATE	20/9/2000	29/9/2000	5/10/2000		



SCALE - 1:500

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	K. Enomoto	TOLL GATE GENERAL LAYOUT	P3/TG/0060
				SIGNATURE	K. Nemoto				
				DATE	20/9/2000	29/9/2000	5/10/2000		



N

NOTES :

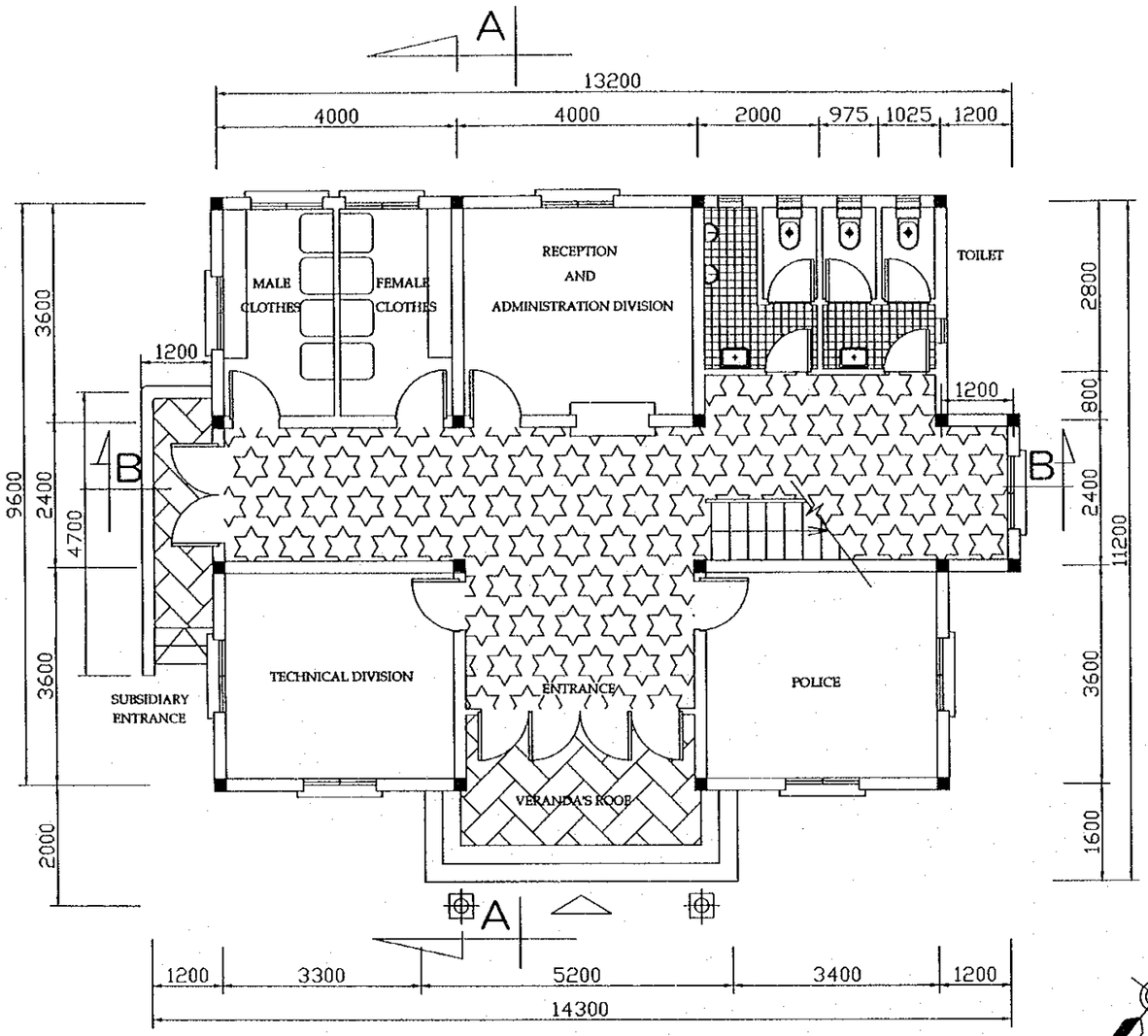
TOTAL LAND AREA (80 x 20 M) = 1100 m2

(1)	MANAGEMENT OFFICE	AREA =	132 m2
(2)	MOTORCYCLE GARAGE	AREA =	60 m2
(3)	GUARD	AREA =	6 m2
(4)	CAR GARAGA	AREA =	42 m2
(5)	STORAGE AND ELECTRIC GENERATOR	AREA =	42 m2
			282 m2

(6) TRANSFORMER 250 KVA - 1 STATION
(7) HIGH FENCE
(8) LOW FENCE
(9) GATE
(10) WATER TANK AND WATER TOWER

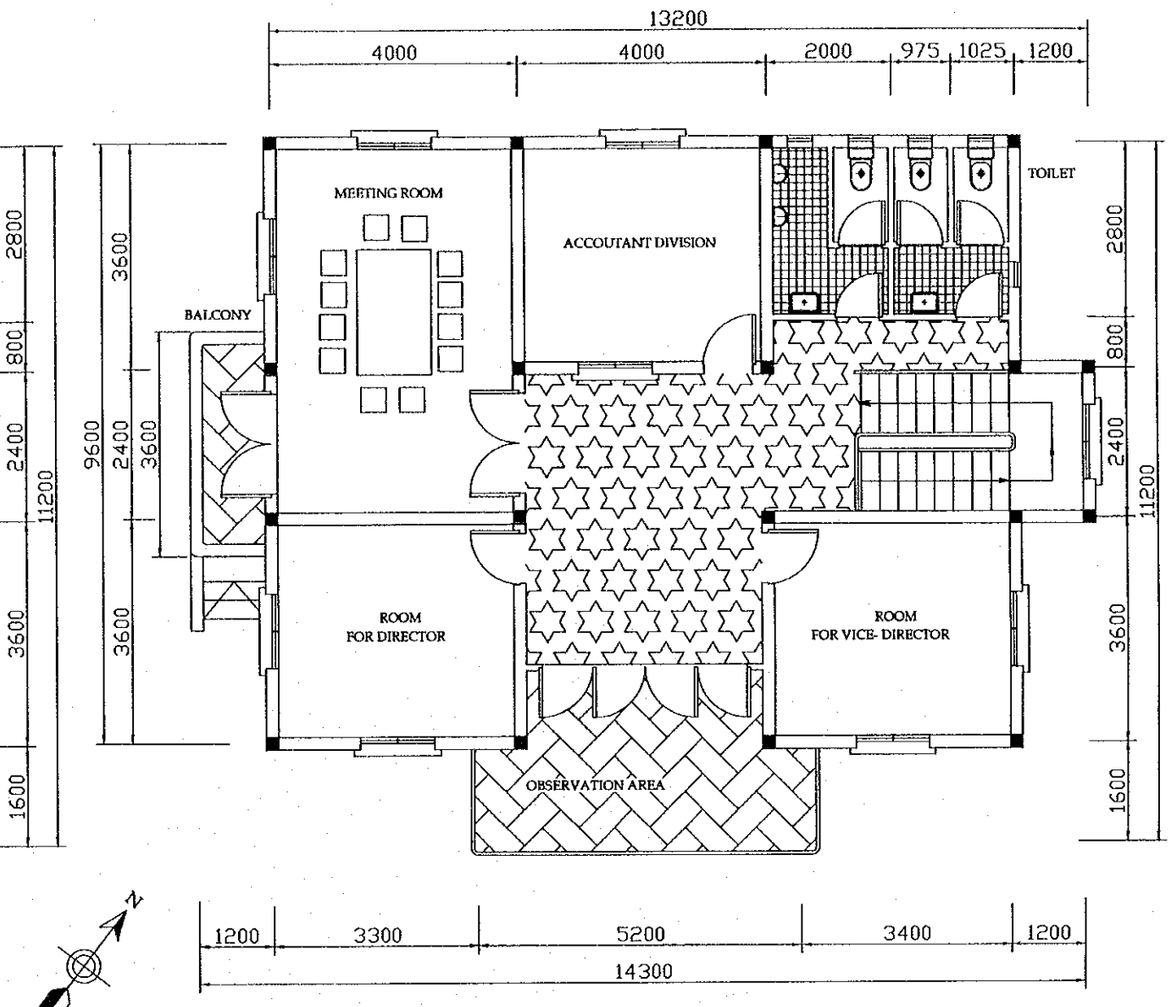
SCALE - 1: 250

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	K. Enomoto	TOLL GATE MANAGEMENT OFFICE GENERAL LAYOUT	P3/TG/0070
				SIGNATURE	K. Nemoto				
				DATE	20/9/2000	29/9/2000	5/10/2000		



GROUND FLOOR PLAN

SCALE : 1 : 100



FIRST FLOOR PLAN

SCALE : 1 : 100

NOTES :

GROUND FLOOR PLAN :

CONSTRACTION AREA :		127.7 m2
VERANDA	2.2 x 4.0 =	8.8 m2
	1.2 x 4.0 =	8.8 m2
POLICE	4.0 x 3.6 =	14.4 m2
VICE- DIRECTOR	4.0 x 3.6 =	14.4 m2
CLOTHES	4.0 x 3.6 =	14.4 m2
RECEPTION AND ADMINISTRATION	4.0 x 3.6 =	14.4 m2
TOILET	2.8 x 4.0 =	11.2 m2
CORRIDOR AND STAIR	=	41.3 m2

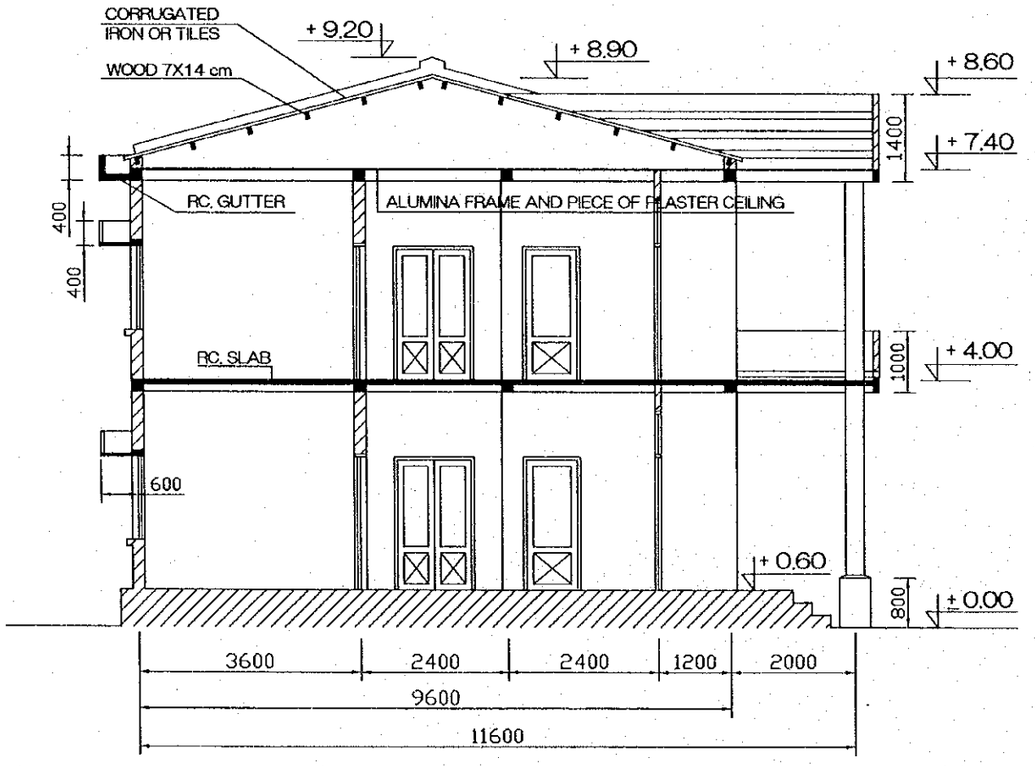
FIRST FLOOR PLAN :

CONSTRACTION AREA :		131.0 m2
TECHNICAL ROOM	4.0 x 3.6 =	14.4 m2
DIRECTOR ROOM	4.0 x 3.6 =	14.4 m2
MEETING ROOM	4.0 x 6.0 =	14.4 m2
ACCOUTANT ROOM	4.0 x 3.6 =	14.4 m2
TOILET	2.8 x 4.4 =	14.4 m2
OBSERVATION AREA	8.4 +1.2 x 4.0 =	13.3 m2
BALCONY	1.2 x 3.6 =	4.3 m2
CORRIDOR AND STAIR		41.4 m2

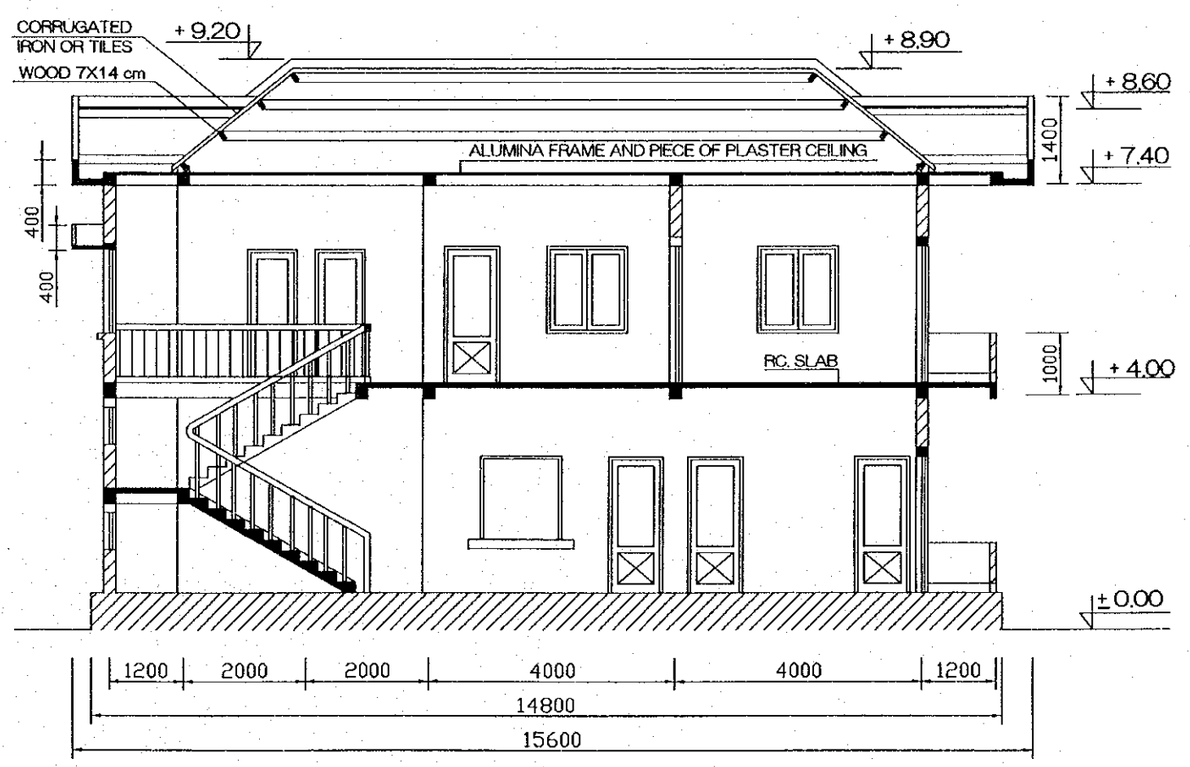
PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM		PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	NIPPON KOEI CO.,LTD.	NAME	K. Nemoto	K. Nakai	K. Enomoto	TOLL GATE MANAGEMENT OFFICE PLANS	TP3/TG/0080
				SIGNATURE					
				DATE	20/9/2000	29/9/2000	5/10/2000		

FRONT ELEVATION
SCALE - 1 : 100

PROFILE
SCALE - 1 :100

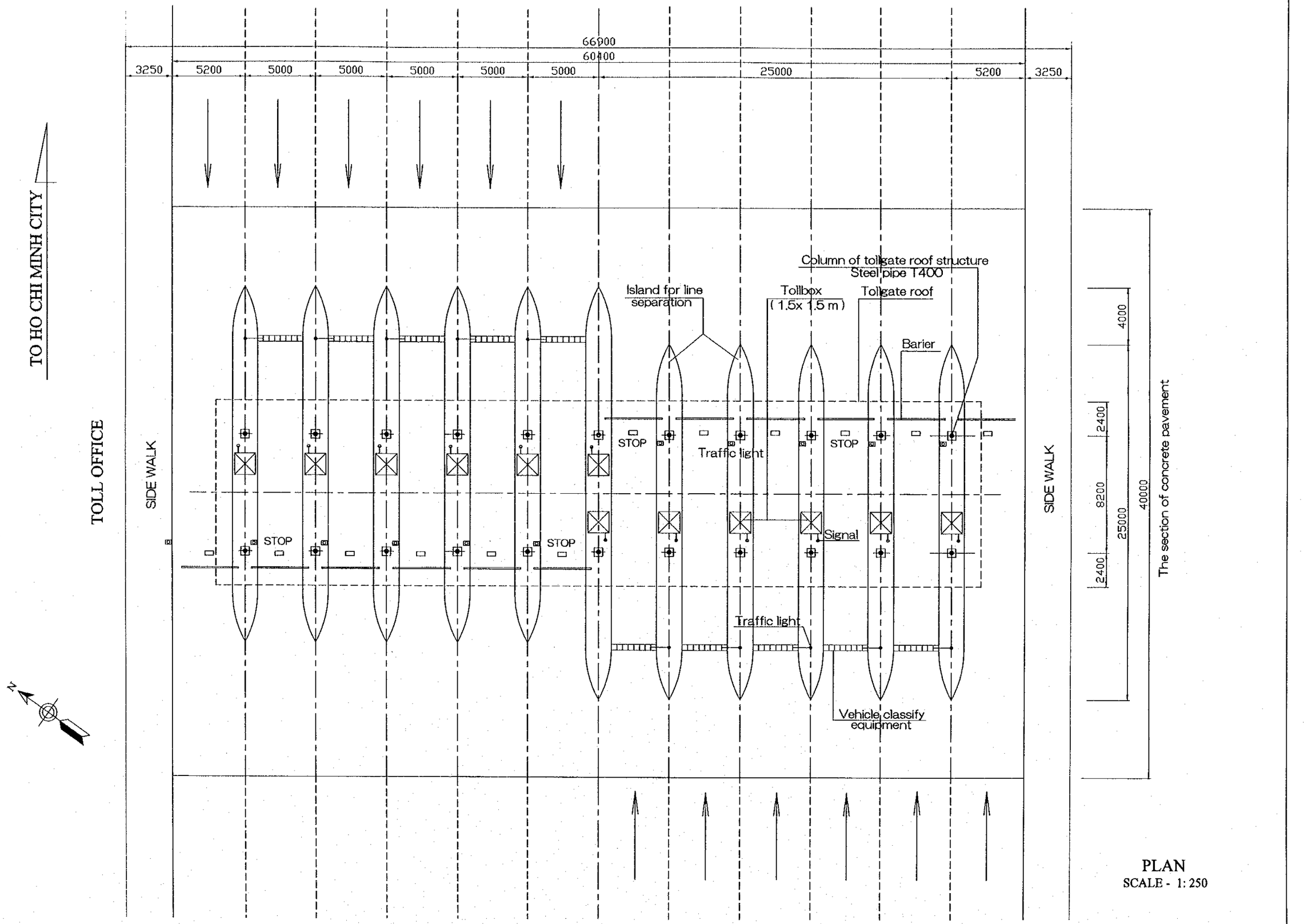


SECTION A - A
SCALE - 1 : 100



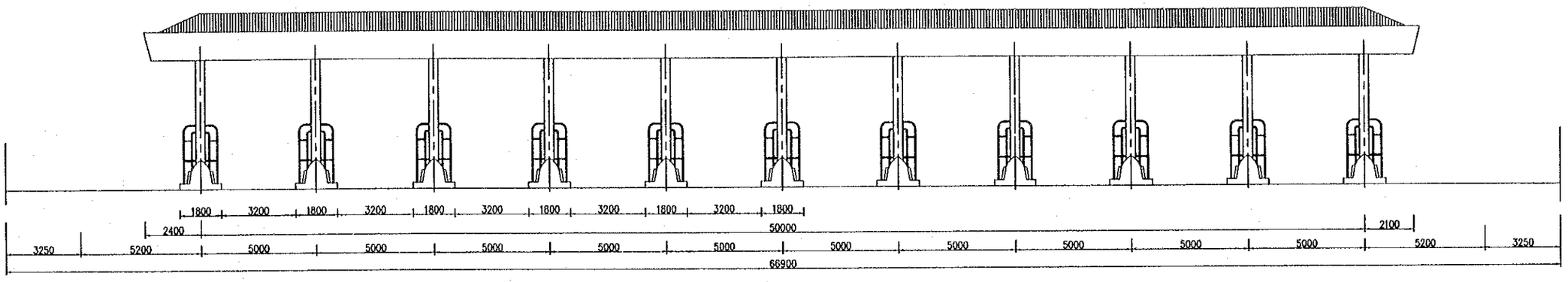
SECTION B - B
SCALE - 1 : 100

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	K. Enomoto	TOLL GATE MANAGEMENT OFFICE FACADAS AND SECTIONS	P3/TG/0090
				SIGNATURE	K. Nemoto				
				DATE	20/9/2000	29/9/2000	5/10/2000		



PLAN
SCALE - 1: 250

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	K. Enomoto	TOLL GATE TOLL PLAZA	P3/TG/0100
				SIGNATURE	K. Nemoto				
				DATE	20/9/2000	29/9/2000	5/10/2000		



FRONT ELEVATION
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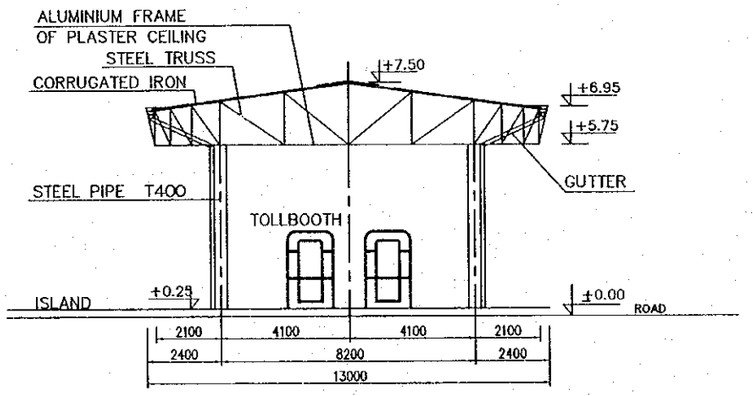

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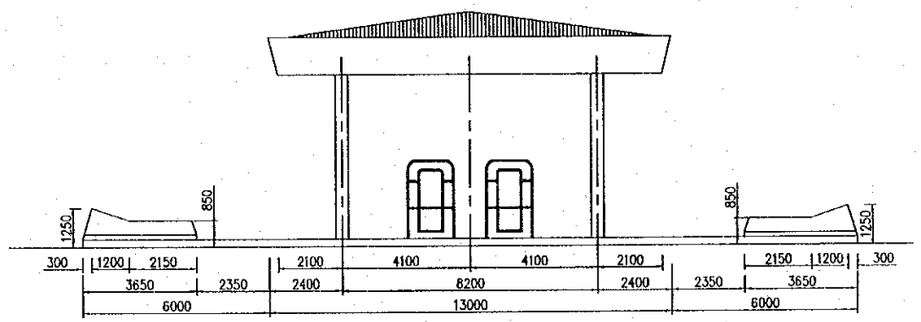

PROFILE
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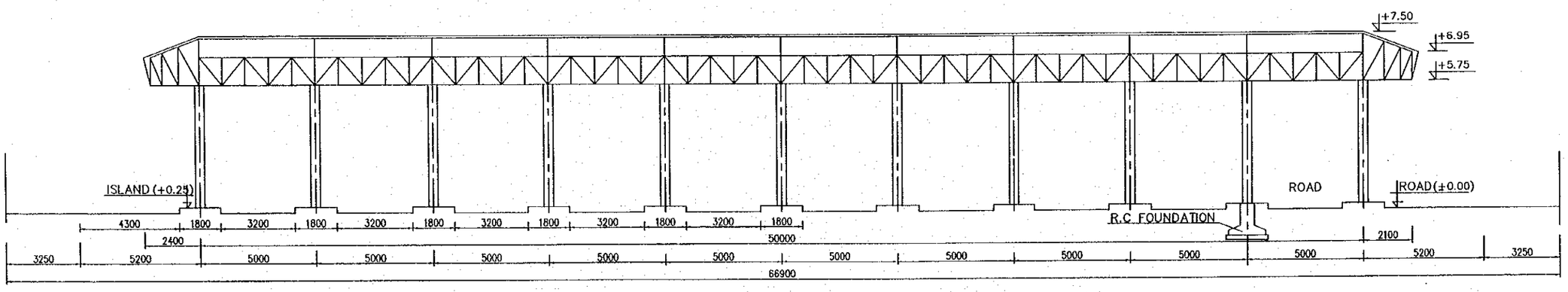


LENGTHWISE SECTION
SCALE - 1 : 200

PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM		PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	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	K. Enomoto	TOLL GATE TOLL PLAZA FACADAS AND SECTIONS	P3/TG/0110
				SIGNATURE	K. Nemoto				
				DATE	20/9/2000	29/9/2000	5/10/2000		

P3/SGT EMBANKMENT AND SOFT GROUND TREATMENT

GENERAL NOTES FOR SOFT GROUND TREATMENT

I. GENERAL

(1) UNSUITABLE MATERIAL ENCOUNTERED IN THE SUBGRADE SHALL BE REMOVED TO THE DEPTH DIRECTED BY THE ENGINEER AND BACKFILLED AND COMPACTED WITH APPROVED MATERIAL.

(2) THE SAND BLANKET SHALL BE PLACED ONTO THE CLEARING GROUND SURFACE BEFORE INSTALLING PREFABRICATED VERTICAL DRAIN.

(3) THE CONTRACTOR SHALL MAINTAIN FLOW OF IRRIGATION CANALS AND DRAINAGE WAYS, AND PROVIDE TEMPORARY FARM ACCESS CROSSING DURING EMBANKMENT PRE-LOADING PERIOD.

(4) SURCHARGE MATERIAL IN AREAS TO BE PAVED SHALL BE SUITABLE TO EMBANKMENT PLACED AND COMPACTED IN ACCORDANCE WITH THE SPECIFICATIONS.

II. PREFABRICATED VERTICAL DRAINS (PVD)

(1) PVD SHALL BE INSTALLED UNDER EMBANKMENTS FOR DESIGNATED SECTIONS.

(2) THE CONTRACTOR SHALL SUBMIT DETAILED LAYOUT OF PVD FOR APPROVAL BY THE ENGINEER BEFORE COMMENCEMENT OF WORK IN ANY AREA IN ACCORDANCE WITH THE SPECIFICATIONS.

(3) PVD SHALL BE PLACID IN A REGULAR EQUILATERAL TRIANGULAR WITH THE CENTER-TO-CENTER SPACING AND DEPTH DESIGNATED.

(4) IN TRANSITION SECTION, PVD LENGTH SHALL BE ADJUSTED TO CONTROL SETTLEMENT FOR A SMOOTH TRANSITION. DETAILED LAYOUT OF PVD IN TRANSITION SHALL BE APPROVABLE BY THE ENGINEER BEFORE COMMENCEMENT OF WORK IN ANY AREA IN ACCORDANCE WITH THE SPECIFICATIONS.

(5) THE CONTRACTOR SHALL CUT PVD AT NOT LESS THAN 150 MM ABOVE THE WORKING SURFACE.

III. INSTRUMENTATION

(1) MOVING OBSERVATION DEVICES SHALL BE INSTALLED AS INDICATED IN DWG. No. P3/SGT/0420,..., P3/SGT/0500.

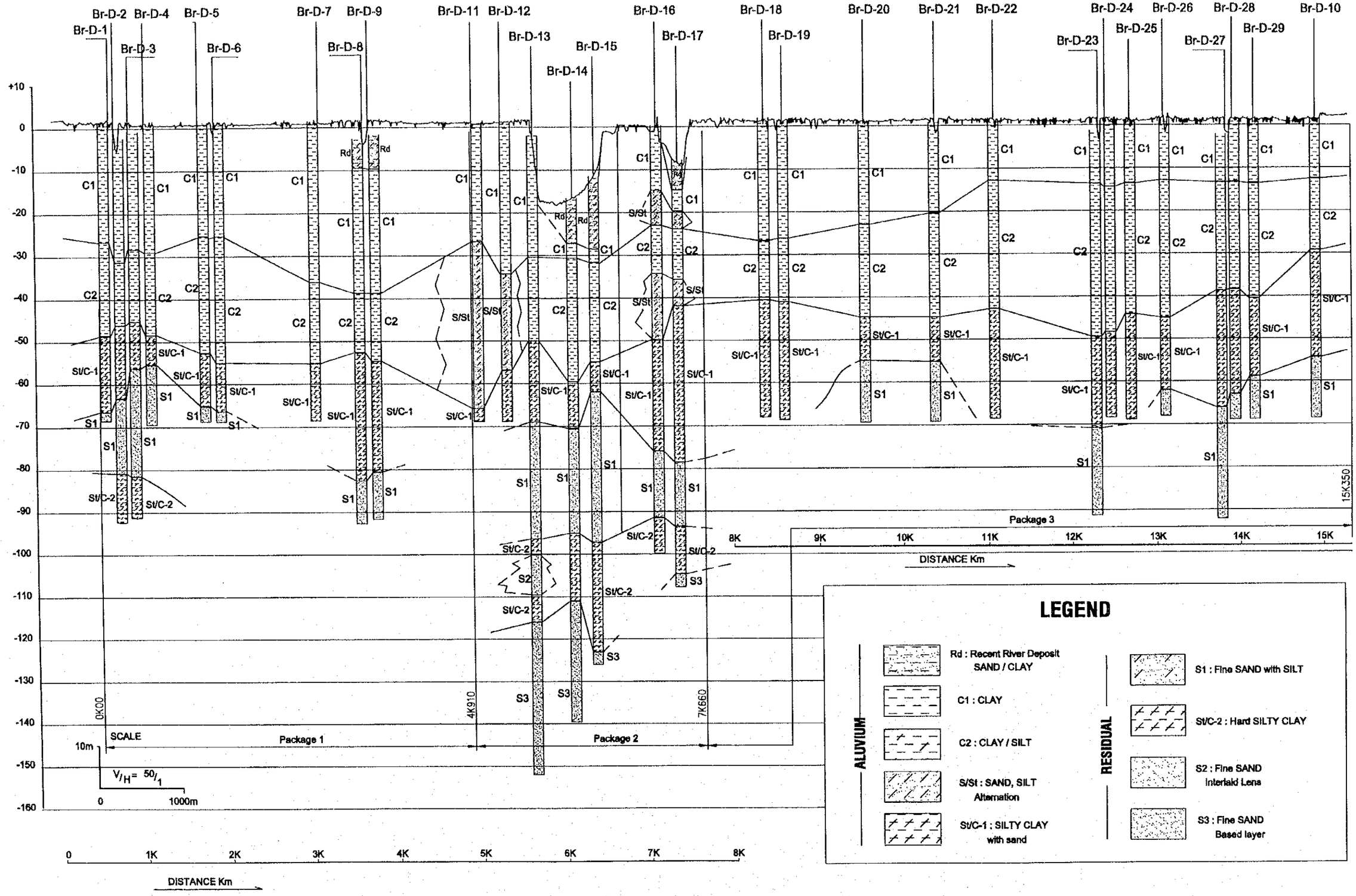
(2) MOVING OBSERVATION DEVICES SHALL BE MONITORED DAILY DURING FILLING OPERATIONS, THEN AT ONCE WEEKLY INTERVALS FOR PERIOD OF ONE YEAR EXCEPT FOR IN THE CASE THAT IT WAS DIRECTED BY THE CONSULTANT.

(3) THE MOVEMENT OBSERVATION RESULT SHOULD BE ENTERED TO THE STABILITY CONTROL CHART OF BANKING DAILY, AND THE CONTRACTOR SHOULD STOP THE FILLING IN THE CASE THAT THE INDICATION OF THE SLIDING OF EMBANKMENT WAS SEEN AND SHOULD REPORT TO THE CONSULTANT IMMEDIATELY.

(4) INSTRUMENTATIONS SHALL BE MAINTAINED IN FULL WORKING ORDER AT ALL TIMES. ANY DAMAGE SHALL BE REARED IMMEDIATELY BY THE CONTRACTOR.

(5) ON COMPLETION OF THE SETTLEMENT PERIOD, AS AGREED BY THE CONSULTANT, INSTRUMENTATIONS SHALL BE REMOVED. SURFACE SETTLEMENT PLATES (SSP), DEEP SETTLEMENT PLATES (DSP) AND OBSERVATION WELL (OW) SHALL BE CUT DOWN TO A LEVEL AT LEAST 1.0M BELOW FINAL PAVEMENT LEVEL AS THE REMAINING LENGTH BACK-FILLED TO THE SATISFACTION OF THE CONSULTANT.

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	K. Enomoto	SOFT GROUND TREATMENT GENERAL NOTES	P3/SGT/0010
				SIGNATURE	K. Nemoto				
				DATE	20/9/2000	29/9/2000	5/10/2000		



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	K. Enomoto	DESIGN SEGMENT OF SOFT GROUND TREATMENT	P3/SGT/0020
				SIGNATURE	K. Nemoto				
				DATE	20/9/2000	29/9/2000	5/10/2000		

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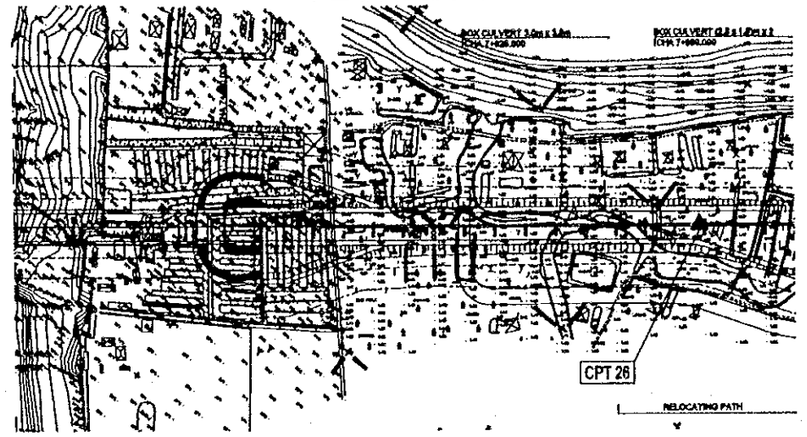
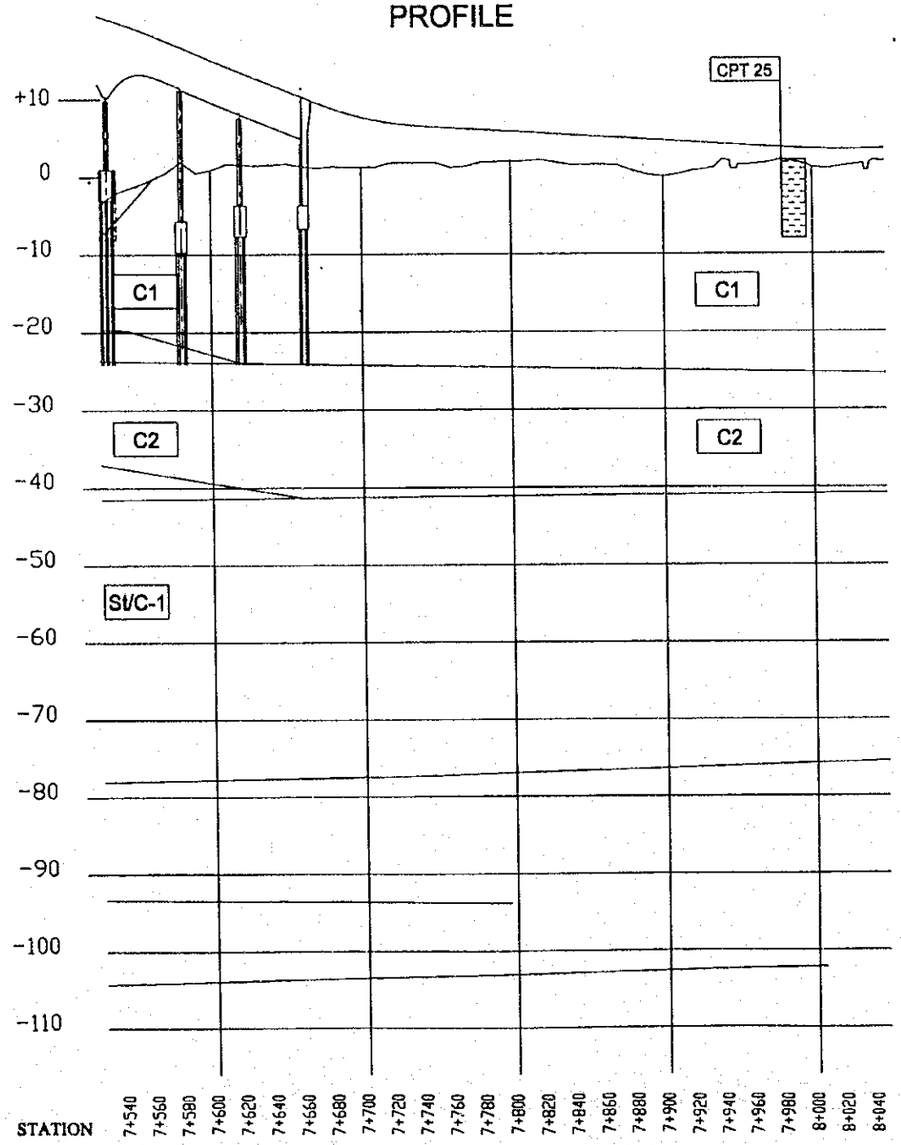
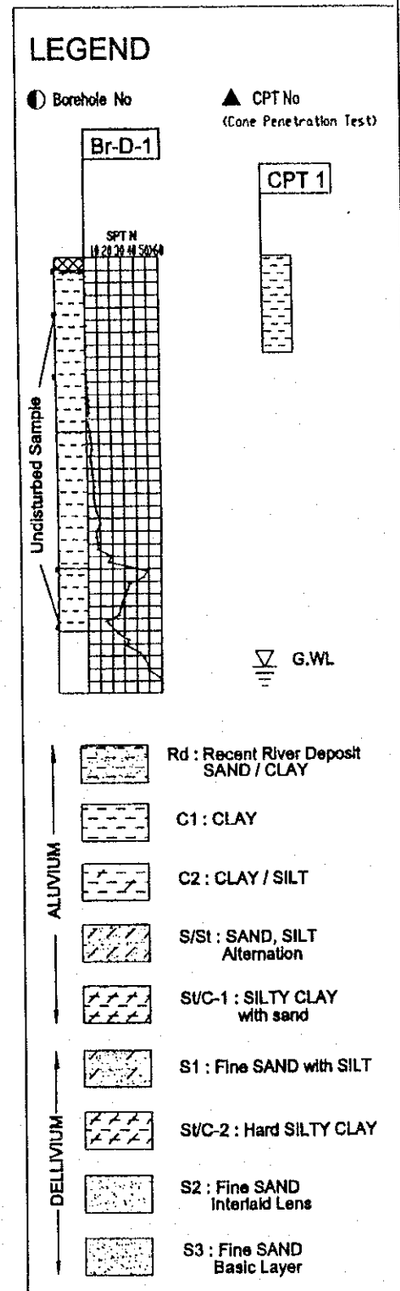
PLAN SCALE 1:4000



PROFILE



LEGEND



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	K. Enomoto	GEOLOGICAL PROFILE KM7+600_KM8+000 (1/9)	P3/SGT/0030
				SIGNATURE					
				DATE	20/9/2000	29/9/2000	5/10/2000		

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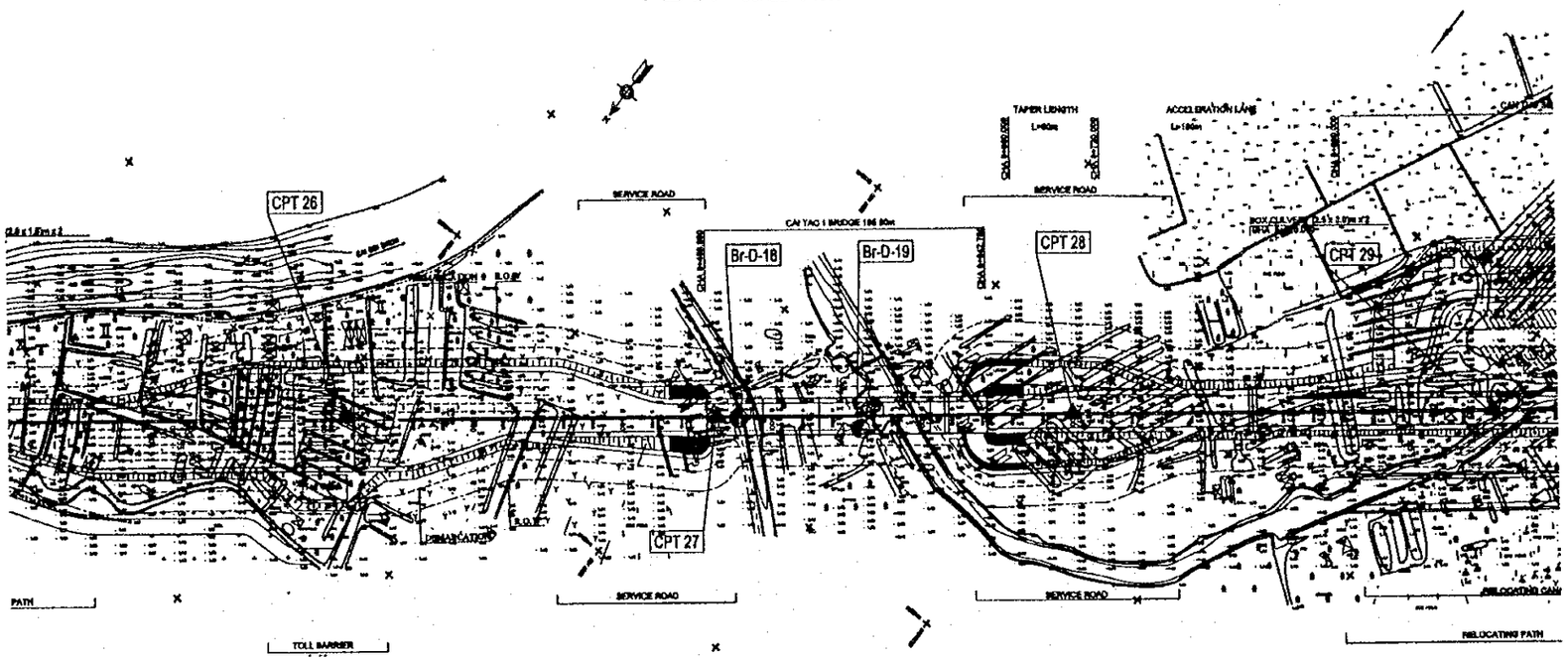
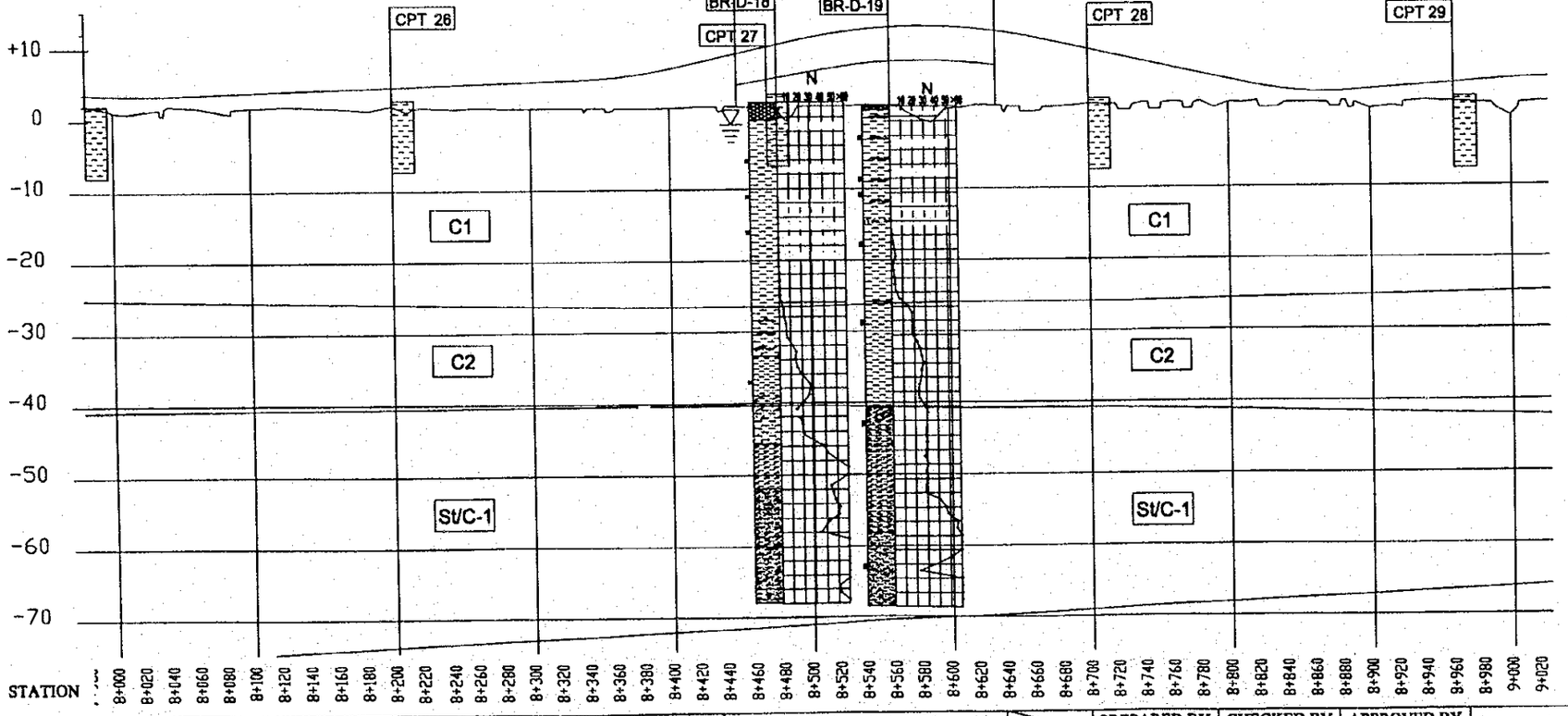


PROFILE

CAI TAC 1 BRIDGE L=185.90m



LEGEND

- Borehole No — Br-D-1
- CPT No (Cone Penetration Test) — CPT 1
- SPT N (0 20 30 40 50 60)
- Undisturbed Sample
- G.WL

ALUVIUM
- Rd : Recent River Deposit SAND / CLAY
- C1 : CLAY
- C2 : CLAY / SILT
- S/St : SAND, SILT Alternation
- St/C-1 : SILTY CLAY with sand

DELLUVIUM
- S1 : Fine SAND with SILT
- St/C-2 : Hard SILTY CLAY
- S2 : Fine SAND Interlaid Lens
- S3 : Fine SAND Basic Layer

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 TRANSPO((MOT) MY THUAN PROJECT MANA(IENT UNIT	NIPPON KOEI CO.,LTD.	NAME	K. Nemoto	K. Nakai	K. Enomoto	GEOLOGICAL PROFILE KM8+000_KM9+000 (2/9)	P3/SGT/0040
				SIGNATURE	K. Nemoto				
				DATE	20/9/2000	29/9/2000	5/10/2000		

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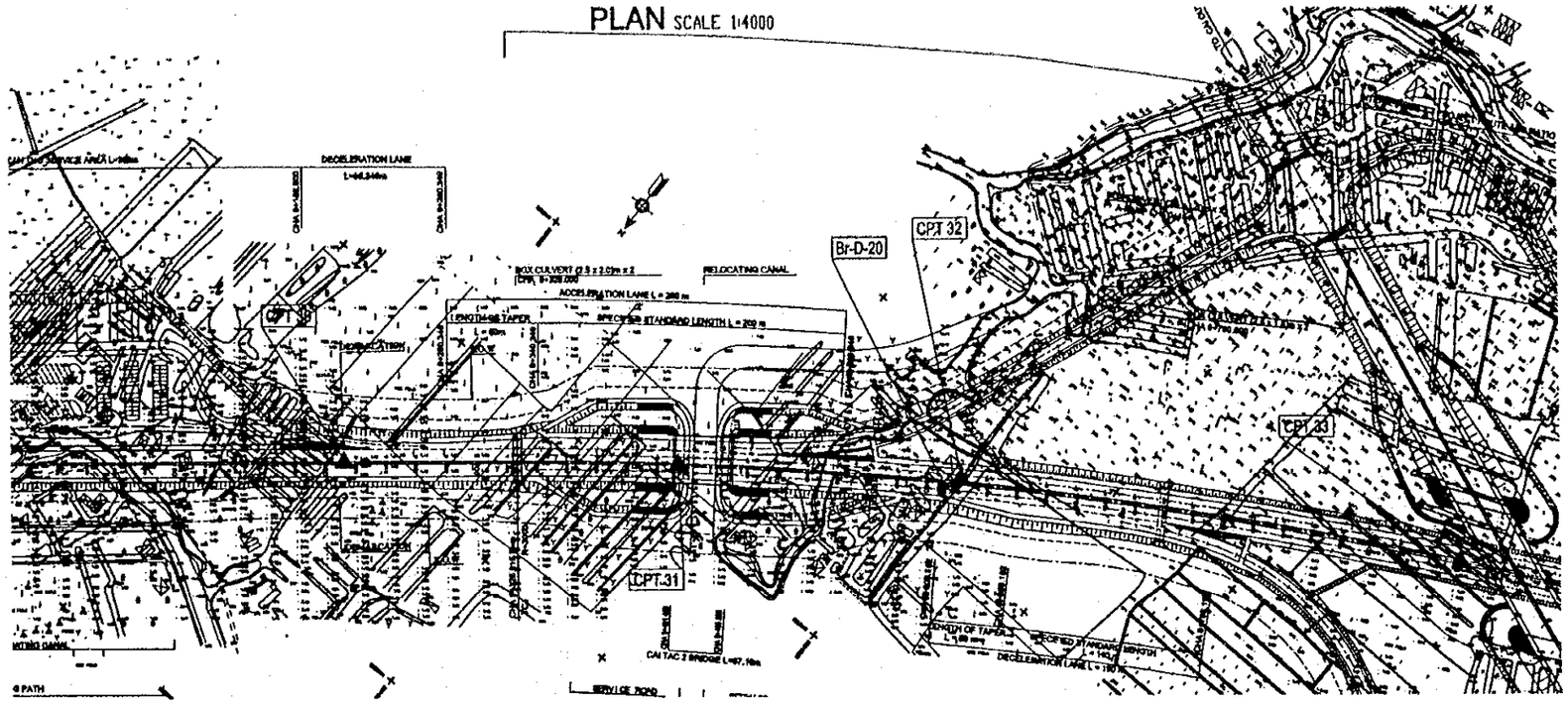

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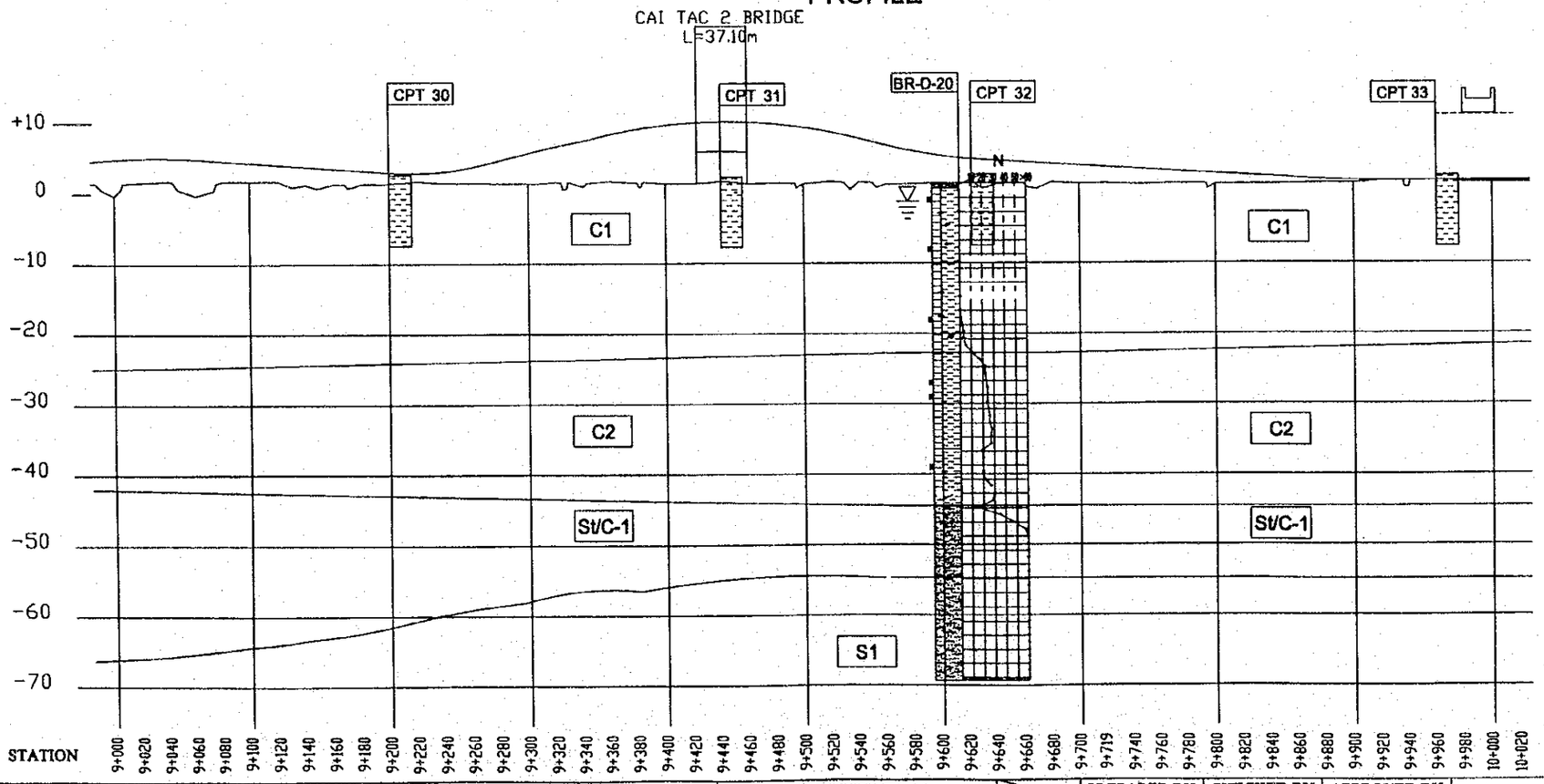

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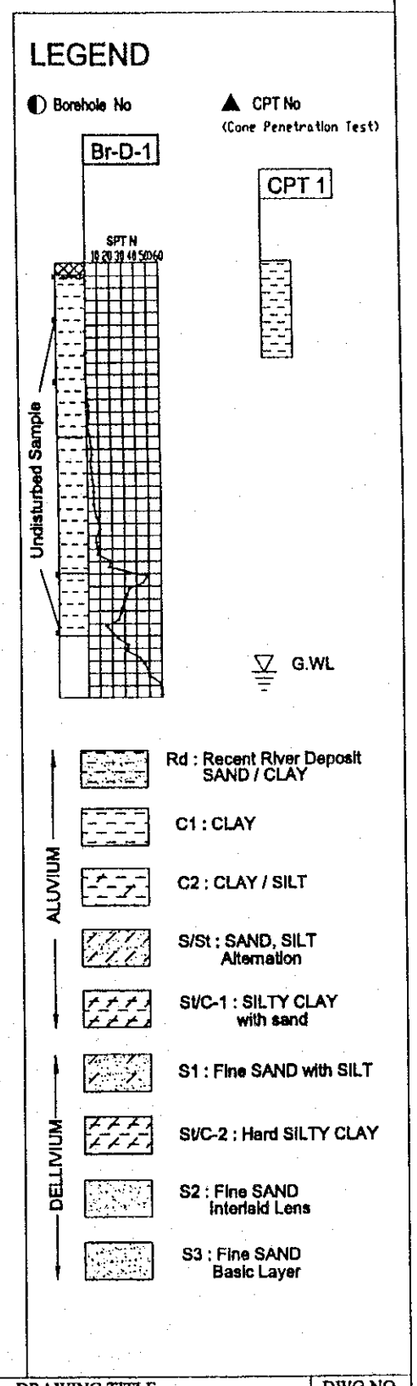

PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM		PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	NIPPON KOEI CO.,LTD.	NAME	K. Nemoto	K. Nakai	K. Enomoto	GEOLOGICAL PROFILE KM9+000_KM10+000 (3/9)	P3/SGT/0050
				SIGNATURE	K. Nemoto				
				DATE	20/9/2000	29/9/2000	5/10/2000		

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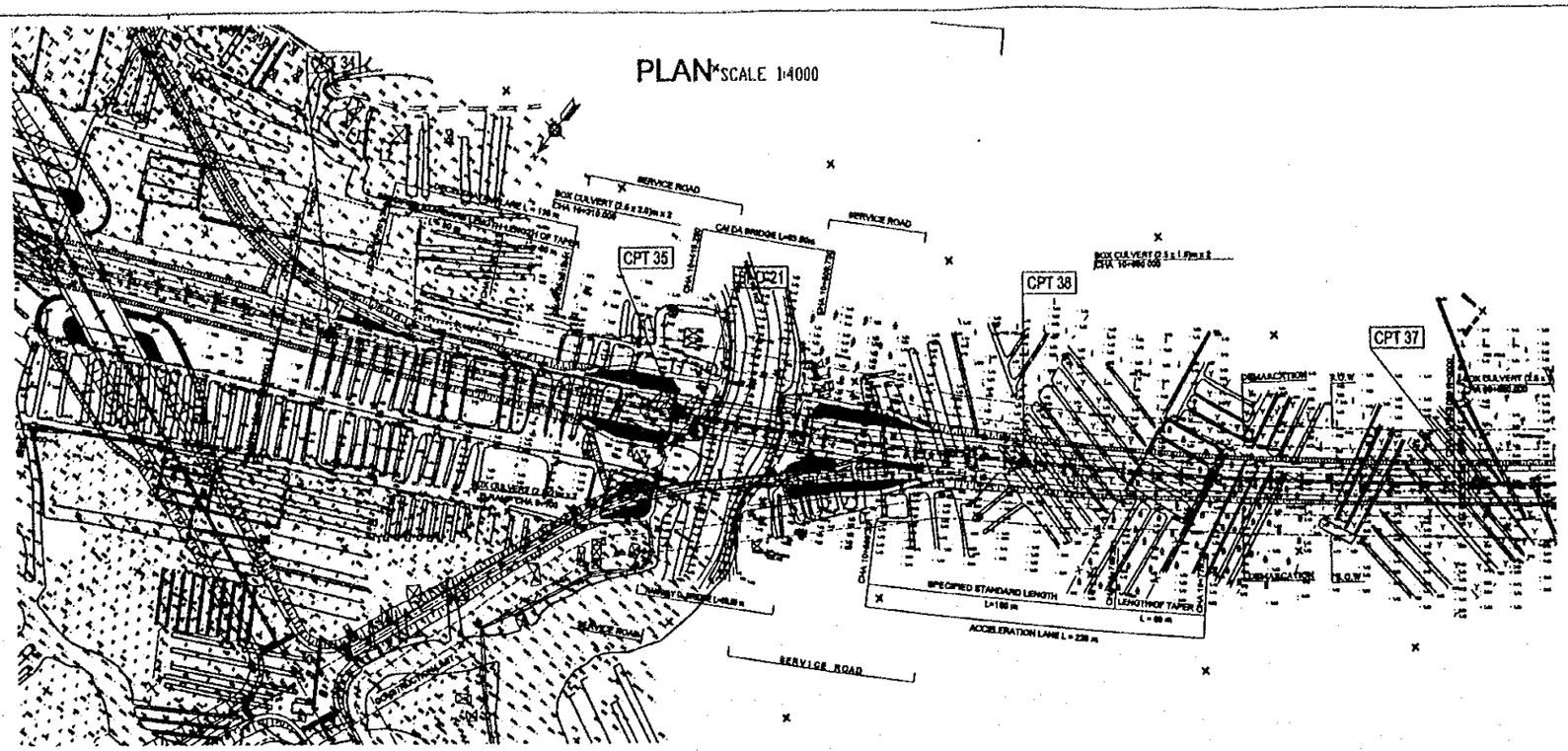
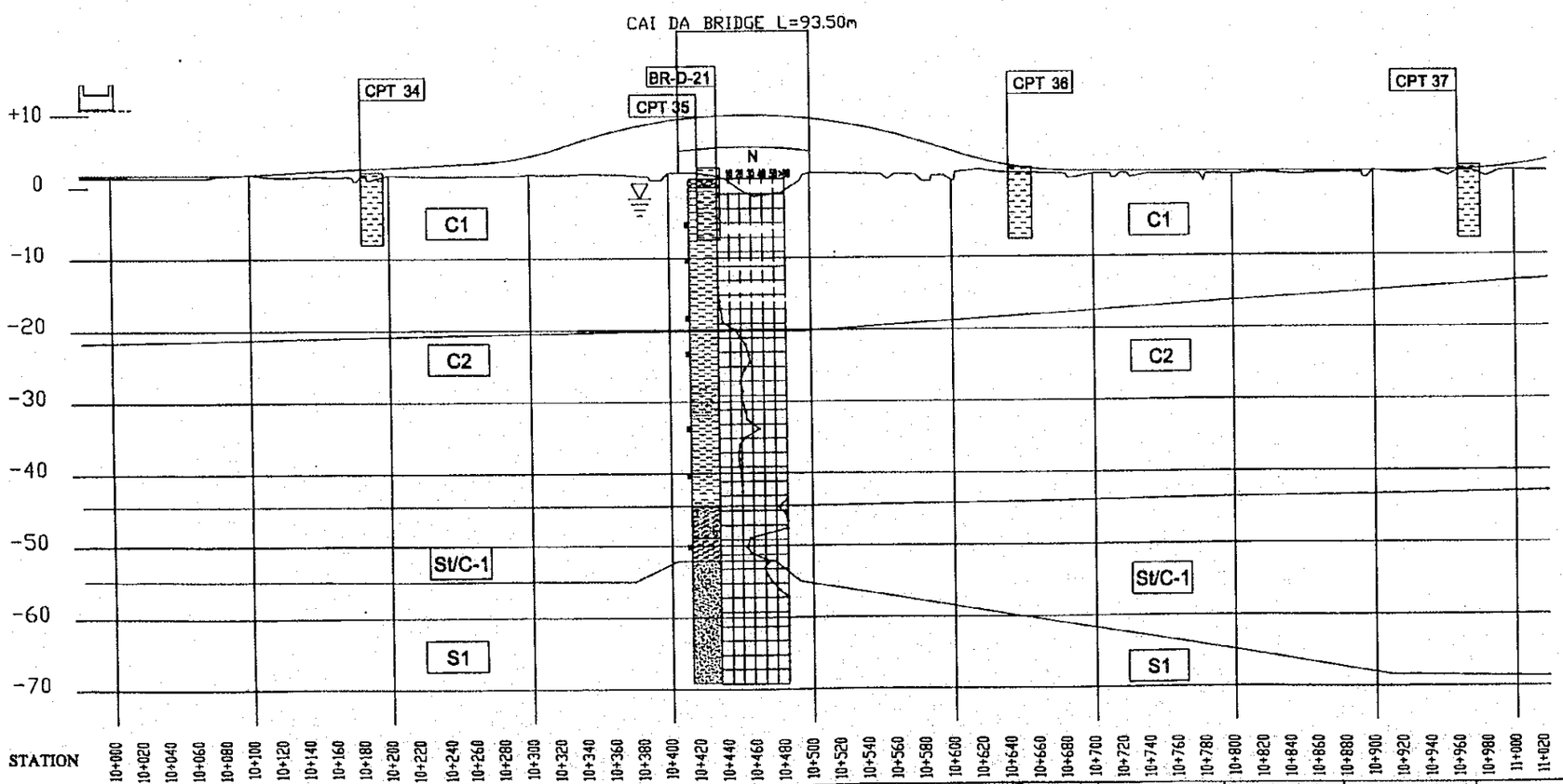


PROFILE



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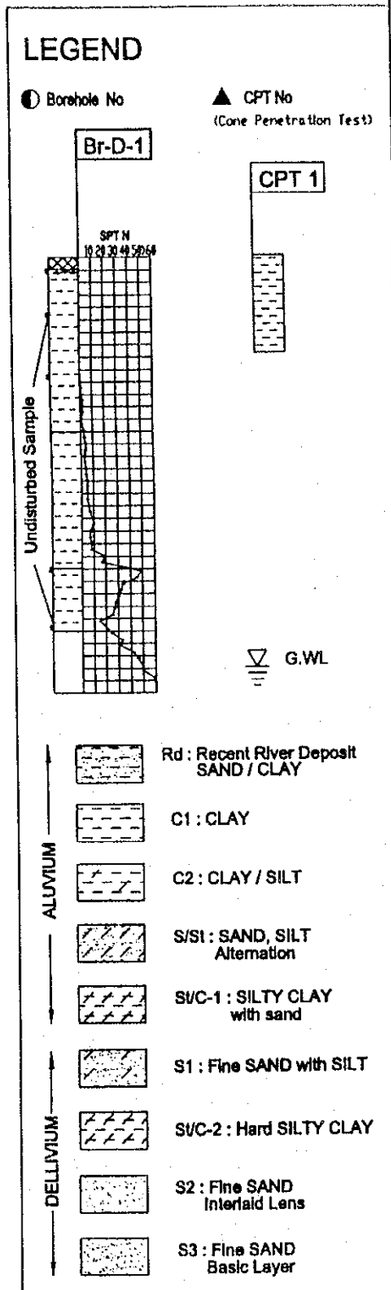

PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM		PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	NIPPON KOEI CO.,LTD.	NAME	K. Nemoto	K. Nakai	K. Enomoto	GEOLOGICAL PROFILE KM10+000_KM11+000 (4/9)	P3/SGT/0060
				SIGNATURE	K. Nemoto				
				DATE	20/9/2000	29/9/2000	5/10/2000		

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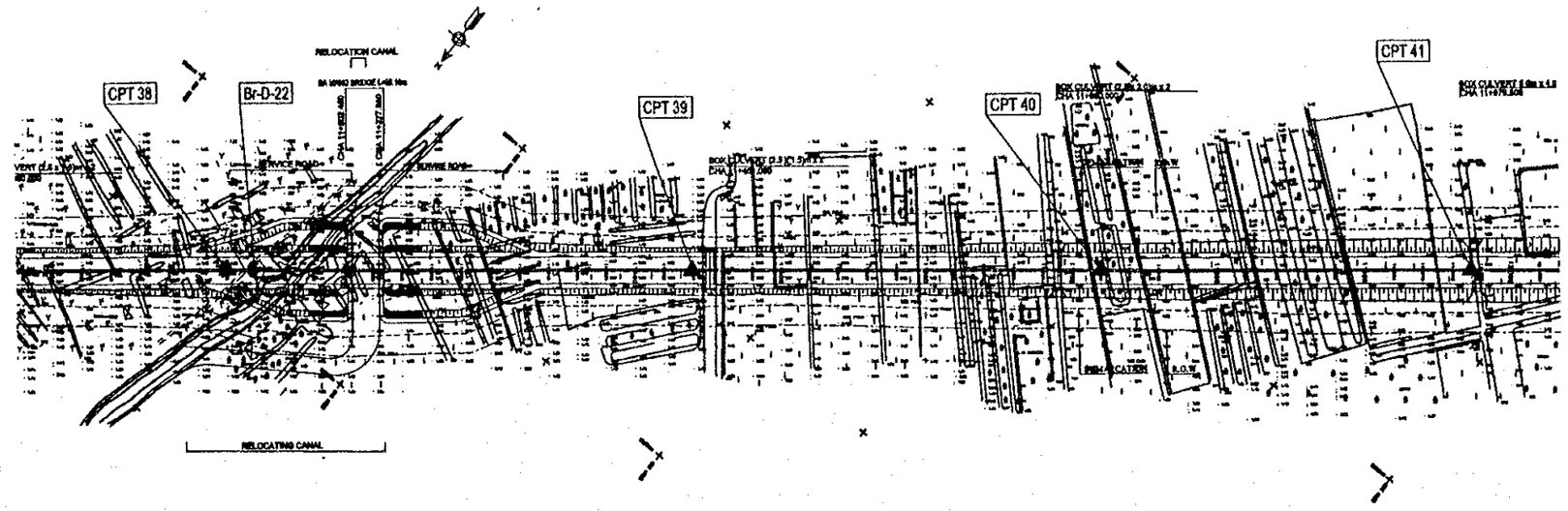

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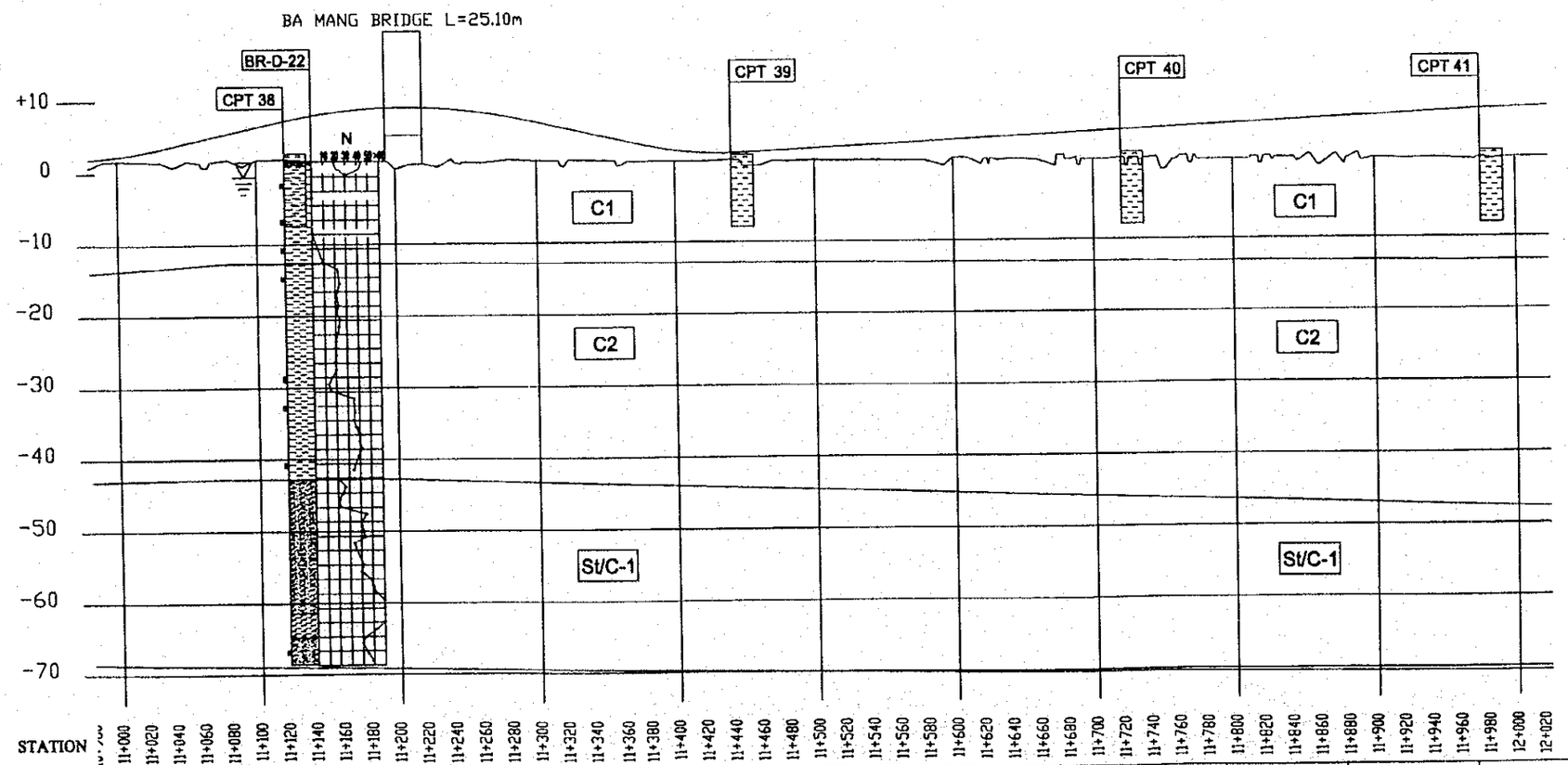

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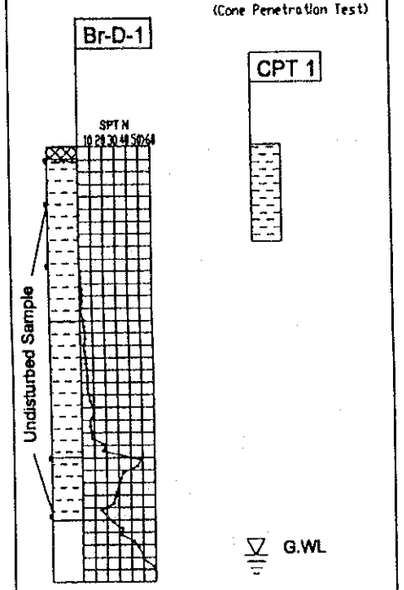

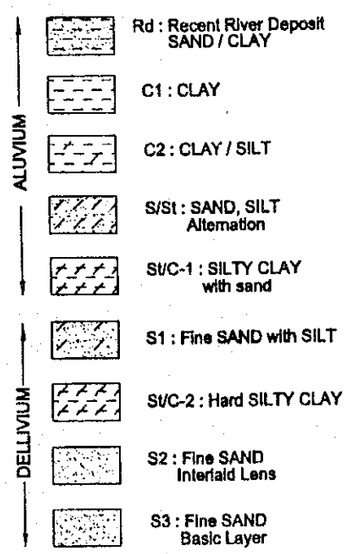

PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM		PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	NIPPON KOEI CO.,LTD.	NAME	K. Nemoto	K. Nakai	K. Enomoto	GEOLOGICAL PROFILE KM11+000_KM12+000 (5/9)	P3/SGT/0070
				SIGNATURE	K. Nemoto				
				DATE	20/9/2000	29/9/2000	5/10/2000		

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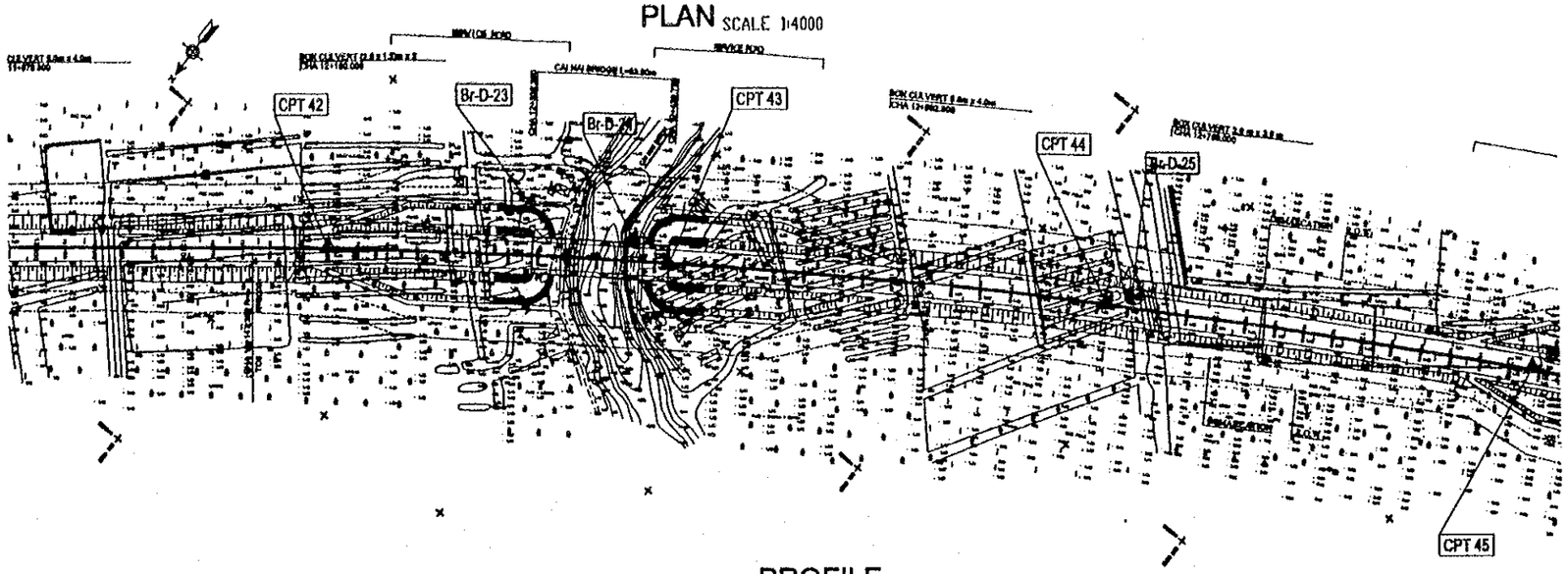
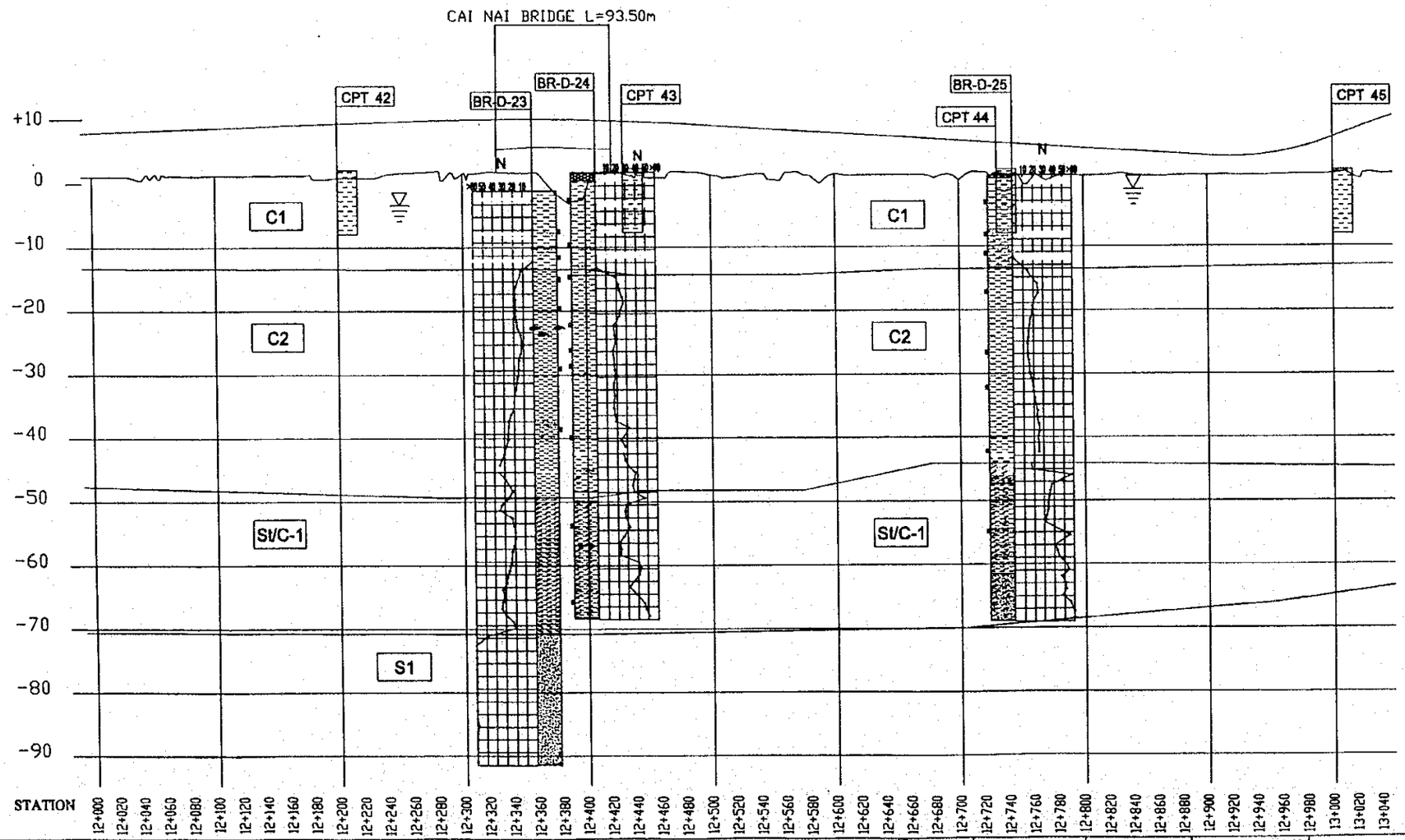


PROFILE



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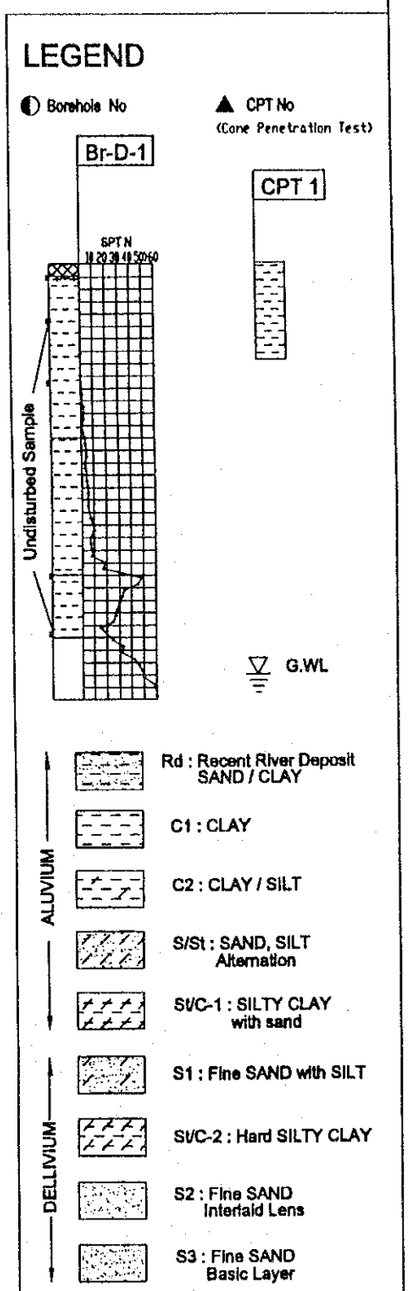

PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM		PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	NIPPON KOEI CO.,LTD.	NAME	K. Nemoto	K. Nakai	K. Enomoto	GEOLOGICAL PROFILE KM12+000_KM13+000 (6/9)	P3/SGT/0080
				SIGNATURE	K. Nemoto				
				DATE	20/9/2000	29/9/2000	5/10/2000		

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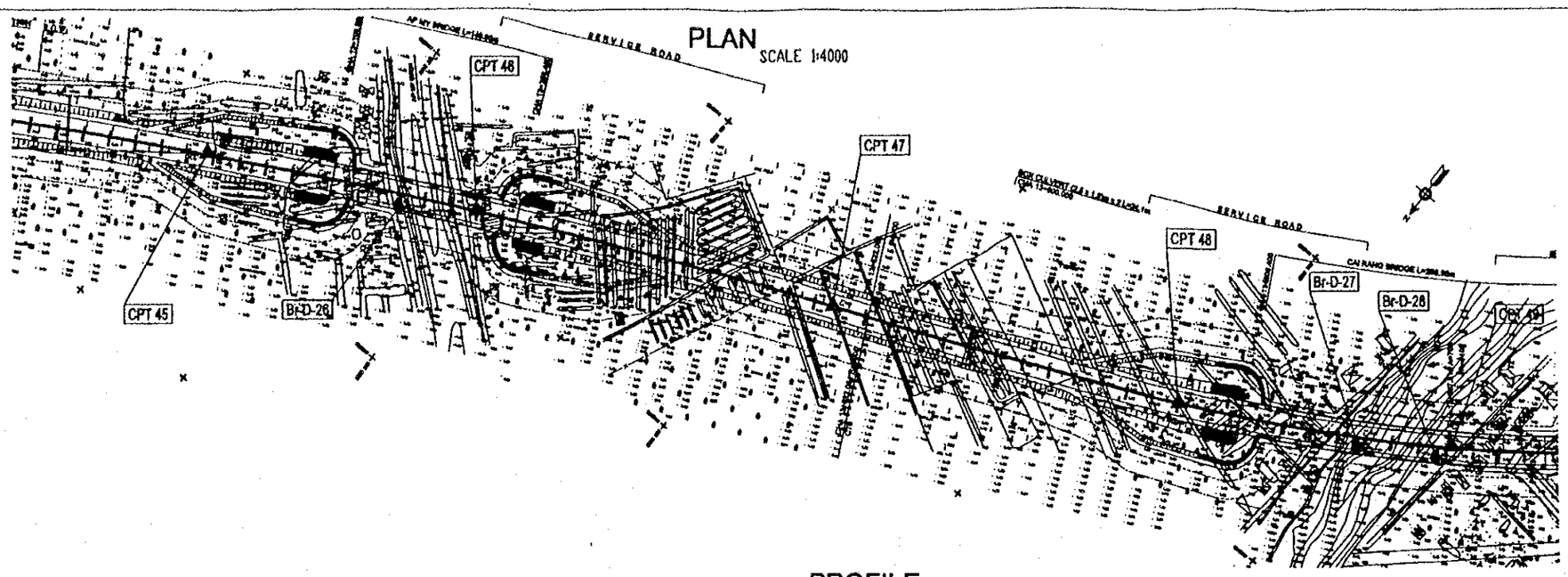
PLAN SCALE 1:4000



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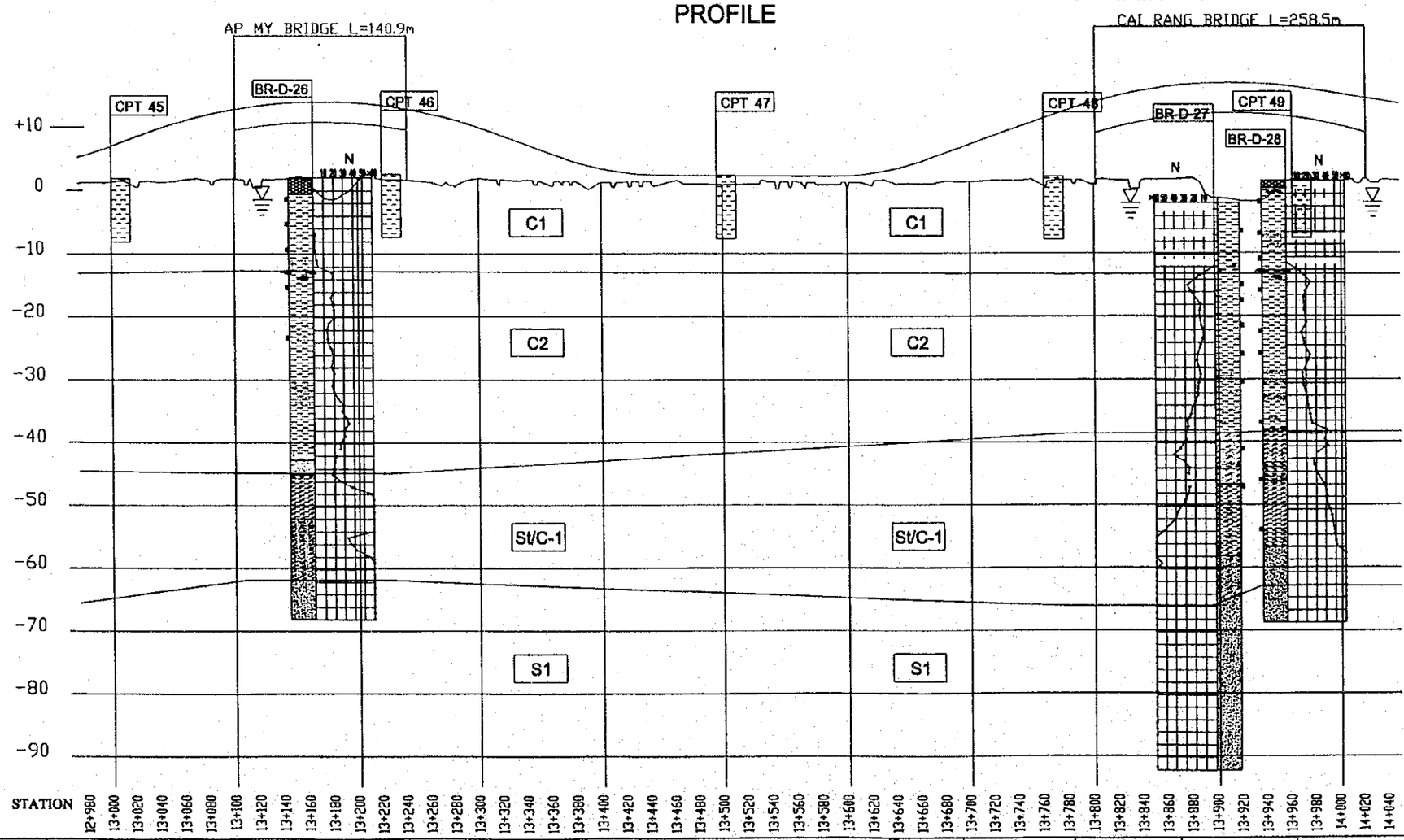

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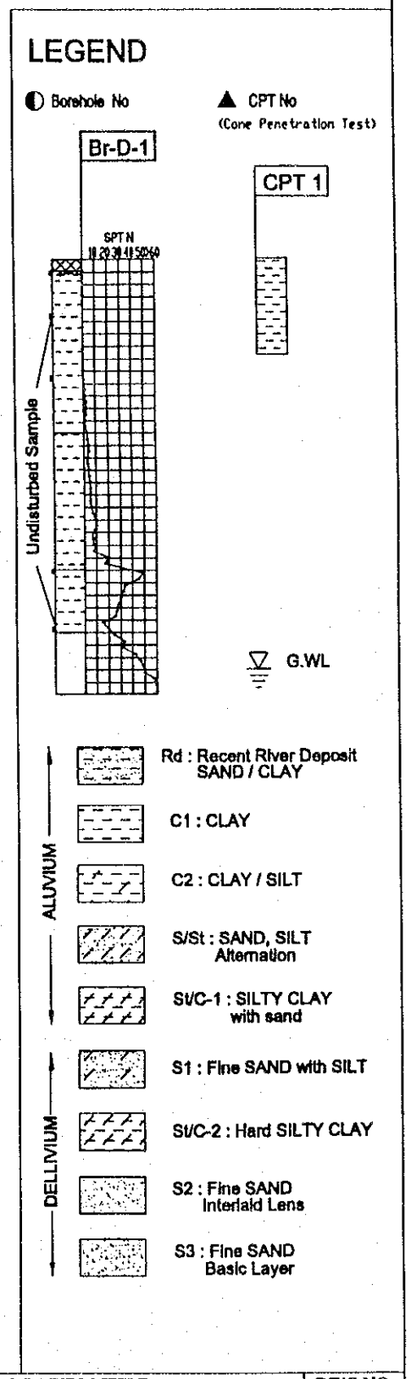

PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM		PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	NIPPON KOEI CO.,LTD.	NAME	K. Nemoto	K. Nakai	K. Enomoto	GEOLOGICAL PROFILE KM13+000_KM14+000 (7/9)	P3/SGT/0090
				SIGNATURE	K. Nemoto				
				DATE	20/9/2000	29/9/2000	5/10/2000		

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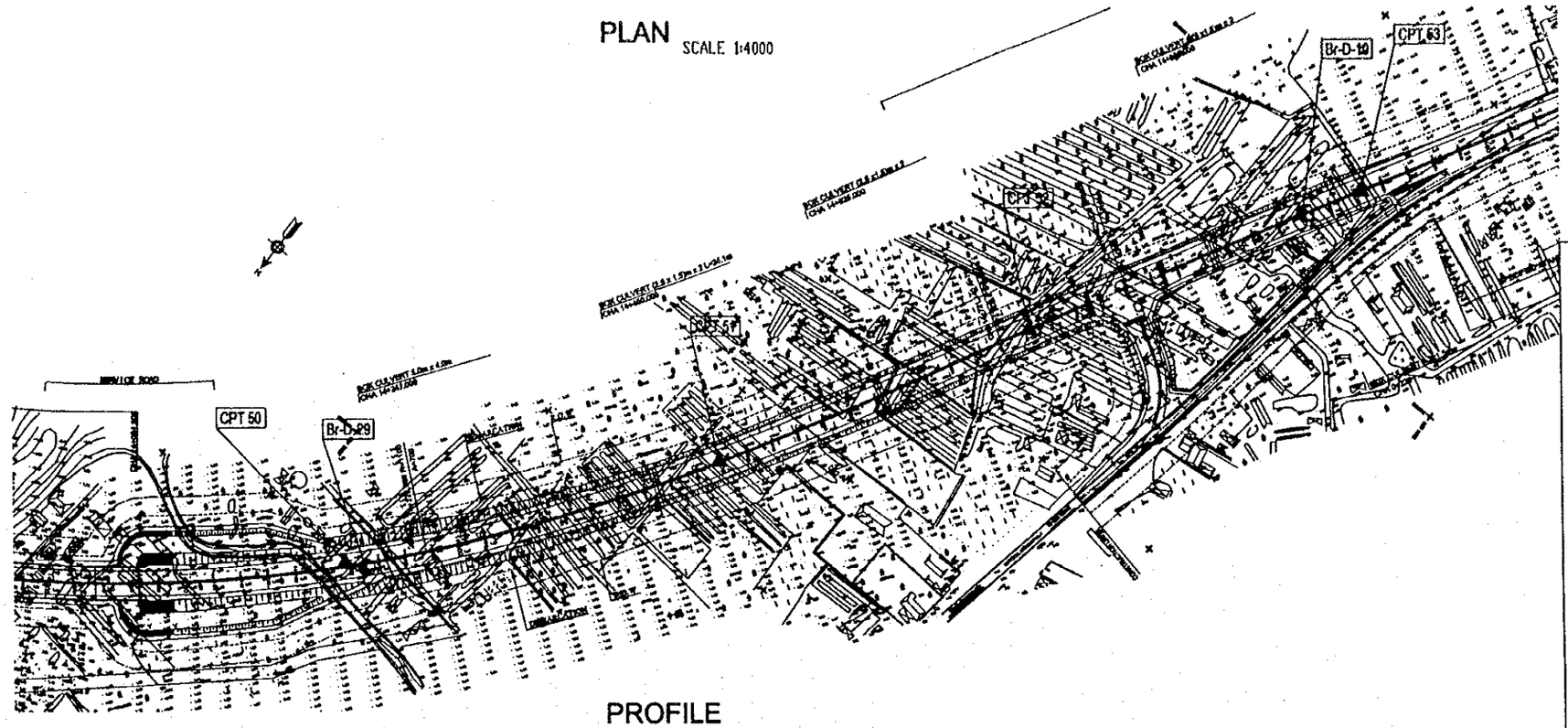
PLAN SCALE 1:4000



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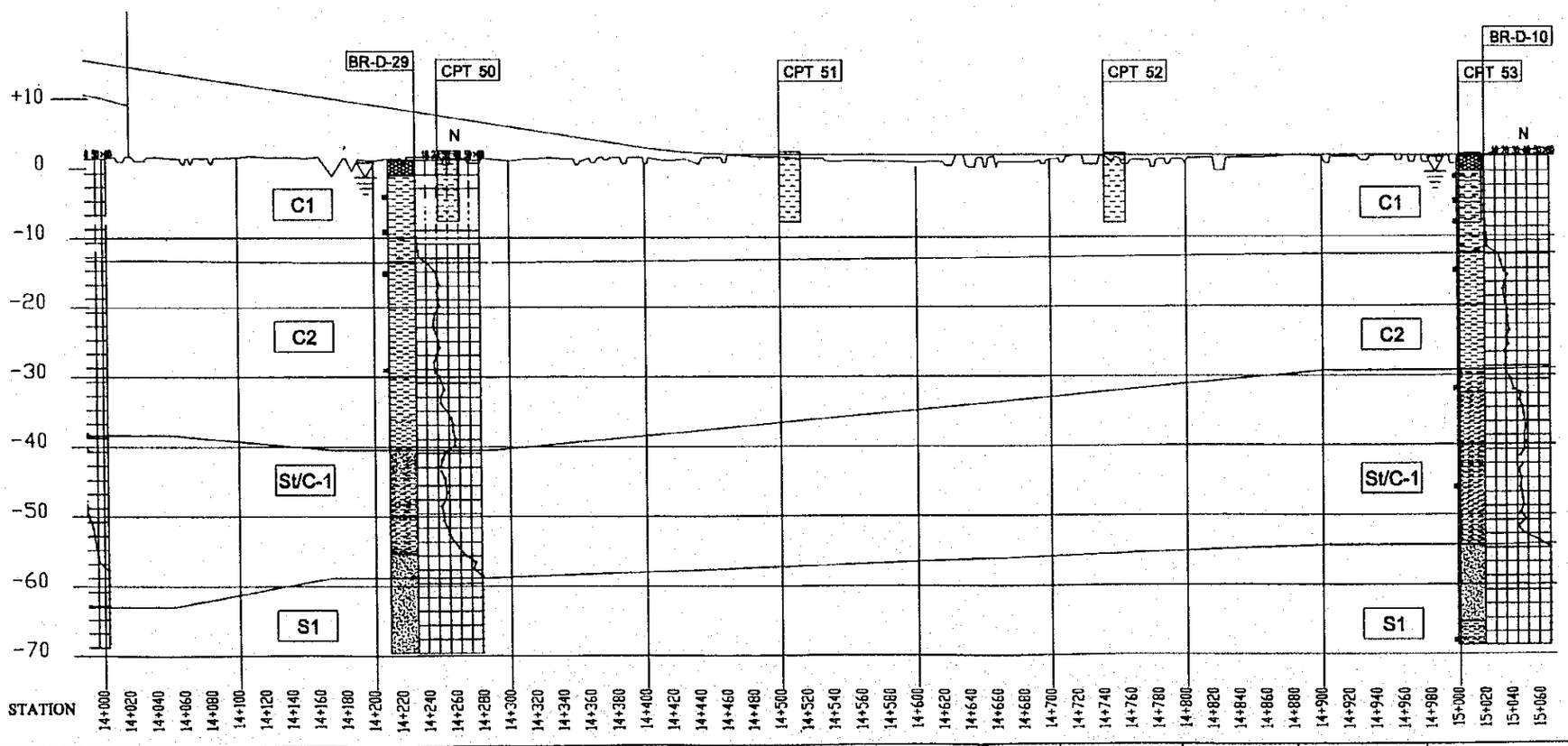
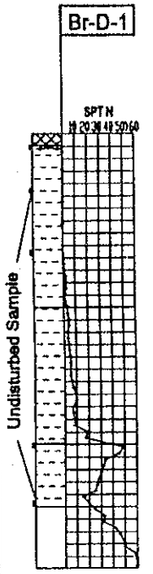


LEGEND

- Borehole No
- CPT No (Cone Penetration Test)



ALLUVIUM
- Rd : Recent River Deposit SAND / CLAY
- C1 : CLAY
- C2 : CLAY / SILT
- S/St : SAND, SILT Alternation
- St/C-1 : SILTY CLAY with sand

DELLUVIUM
- S1 : Fine SAND with SILT
- St/C-2 : Hard SILTY CLAY
- S2 : Fine SAND Interlaid Lens
- S3 : Fine SAND Basic Layer

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	K. Enomoto	GEOLOGICAL PROFILE KM14+000_KM15+000 (8/9)	P3/SGT/0100
				SIGNATURE	K. Nemoto				
				DATE	20/9/2000	29/9/2000	5/10/2000		

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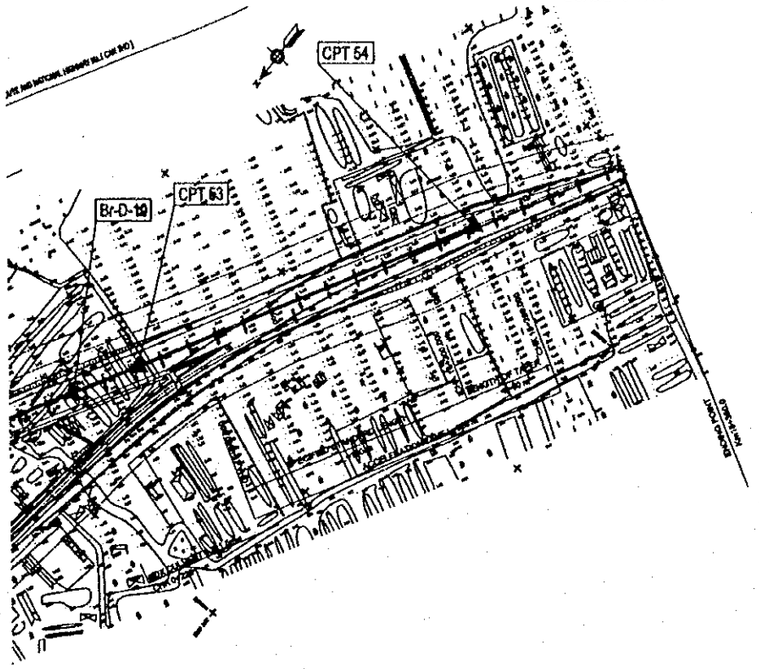
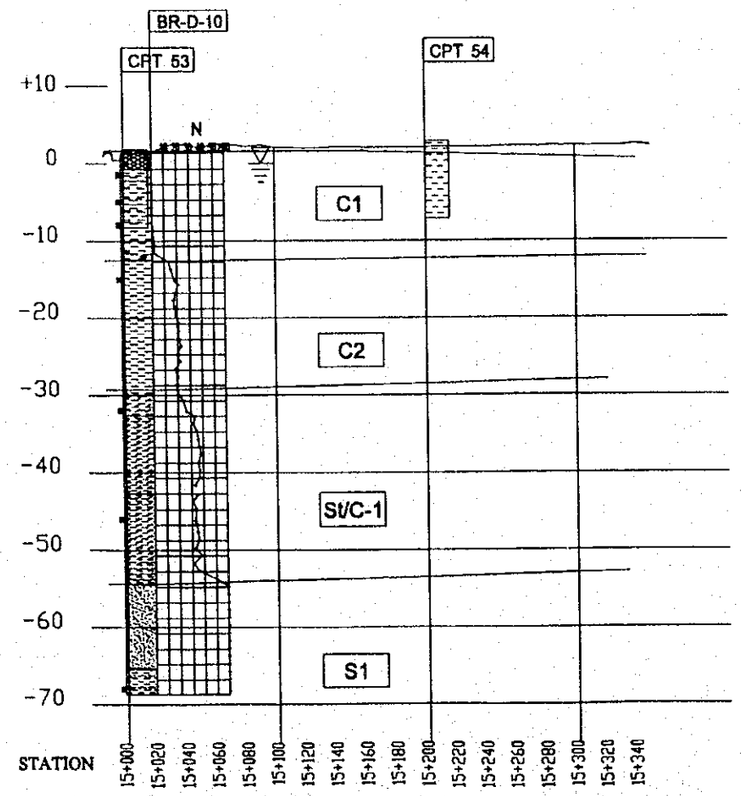
PLAN SCALE 1:4000



PROFILE



LEGEND

- Borehole No — Br-D-1
- CPT No (Cone Penetration Test) — CPT 1
- Undisturbed Sample
- G.WL

ALLUVIUM
- Rd : Recent River Deposit SAND / CLAY
- C1 : CLAY
- C2 : CLAY / SILT
- S/St : SAND, SILT Alternation
- St/C-1 : SILTY CLAY with sand

DELLUVIUM
- S1 : Fine SAND with SILT
- St/C-2 : Hard SILTY CLAY
- S2 : Fine SAND Interlaid Lens
- S3 : Fine SAND Basic Layer

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	K. Enomoto	GEOLOGICAL PROFILE KM15+000_KM15+350 (9/9)	P3/SGT/0110
				SIGNATURE	K. Nemoto				
				DATE	20/9/2000	29/9/2000	5/10/2000		

SUMMARY OF LABORATORY TEST RESULTS OF BOREHOLES:

BR-D-18(KM8+470)
BR-D-19(KM8+560)
BR-D-20(KM9+622)
BR-D-21(KM10+440)
BR-D-22(KM11+140)
BR-D-23(KM12+365)

Layer name	No	Borehole symbol	Laboratory No	Sample depth (m)	Soil Name (ASTM D2487-83)	Particle size analysis (%) Gravel 4.75 to 2.00 mm	Sand 2.00 to 0.425 mm	Sand 0.425 to 0.075 mm	Silt 0.075 to 0.005 mm	Clay 0.005 to 0.002 mm	Clay < 0.002 mm	Water content w %	Unit weight γ g/cm³	Dry weight γd g/cm³	Specific gravity D	Saturation S %	Porosity n %	Void ratio e	Liquid Limit WL %	Plastic limit Wp %	Plasticity index Ip	Liquidity index IL	Organic matter %	Unconfined compressive strenght qu kG/cm²	Permeability k10 cm/s	Triaxial compression UU Type: Internal friction angle φ degree	UU Type: Cohesion C kG/cm²	CU Type: Internal friction angle φ degree	CU Type: Cohesion C kG/cm²	CU Type: Internal friction angle φ degree	CU Type: Cohesion C' kG/cm²	Consolidation Test: Consolidation coefficient Cv(cm²/s) x 10⁻³ min ~ max	Compression index Cc	Swell index Cs	Preconsolidation pressure Pc kG/cm²
C1-U	111	Br-D-18	749	8.0 - 9.0	CH : Fat CLAY			2.6	57.1	10.7	29.6	69.2	1.59	0.94	2.69	100	65	1.862	60.1	28.5	31.6	1.29		0.309	9.7 x 10⁻⁸					16°29'	0.165	0.396 ~ 0.646	0.71	0.08	0.67
C1-U	112	Br-D-18	750	13.0 - 14.0	CH : Fat CLAY			3.0	62.8	9.6	24.6	69.5	1.60	0.94	2.70	100	65	1.872	60.8	27.4	33.4	1.26		0.285		9°50'	0.094					0.398 ~ 0.685	0.82	0.09	0.81
C1	113	Br-D-18	751	18.0 - 19.0	CL : Lean CLAY			7.0	58.2	7.2	27.6	40.3	1.72	1.23	2.69	91	54	1.187	39.0	19.1	19.9	1.07		0.297						20°38'	0.167	0.571 ~ 0.706	0.38	0.03	0.84
C2	114	Br-D-18	752	39.0 - 39.5	CL : Lean CLAY		1.0	4.0	47.2	16.6	31.2	28.8	1.97	1.53	2.73	100	44	0.784	39.0	19.4	19.6	0.48		1.561								1.550 ~ 1.854	0.18	0.03	2.29
St/C-I	115	Br-D-18	753	46.0 - 46.5	SC-SM : Silty Clayey SAND		1.0	62.0	20.3	3.0	13.7	27.1	2.00	1.57	2.73	100	42	0.739	22.7	17.7	5.0											1.271 ~ 1.534	0.12	0.10	1.93
St/C-I	116	Br-D-18	754	53.0 - 53.5	CL : Lean CLAY with SAND		1.2	18.0	51.6	8.7	20.5	24.8	2.04	1.63	2.73	100	40	0.675	37.6	17.8	19.8	0.35		1.535	7.9 x 10⁻⁸										
St/C-I	117	Br-D-18	899	59.5 - 60.0	SC : Clayey SAND		4.0	51.0	24.6	10.9	9.5	21.4	1.93	1.59	2.72	82	42	0.711	30.6	16.1	14.5														
St/C-I	118	Br-D-18	900	63.0 - 63.5	CL : Sandy CLAY		4.6	30.0	42.1	11.9	11.4	27.6	1.95	1.53	2.72	97	44	0.778	35.2	24.1	11.1									31°33'	0.061				
C1-U	119	Br-D-19	742	4.0 - 5.0	CH : Fat CLAY			2.6	52.0	17.6	27.8	77.4	1.55	0.87	2.69	100	68	2.092	69.2	27.1	42.1	1.19				2°58'	0.096			22°48'	0.056	0.415 ~ 0.678	0.78	0.07	0.75
C1-U	120	Br-D-19	747	12.0 - 13.0	CH : Fat CLAY		1.0	5.0	51.1	14.3	28.6	51.8	1.64	1.08	2.69	94	60	1.491	58.4	27.6	30.8	0.79		0.277		2°50'	0.096			20°51'	0.104	0.453 ~ 0.712	0.59	0.05	0.88
C1	121	Br-D-19	744	19.0 - 20.0	CL : Lean CLAY		1.0	6.6	48.8	14.9	28.7	44.1	1.71	1.19	2.70	94	56	1.269	43.8	21.0	22.8	1.01				3°43'	0.138			27°08'	0.103	0.427 ~ 0.699	0.32	0.03	0.94
C2	122	Br-D-19	746	30.0 - 31.0	CL : Lean CLAY		2.0	9.0	48.9	13.5	26.6	26.4	1.99	1.57	2.73	98	42	0.739	36.9	18.1	18.8	0.44								23°15'	0.600	1.071 ~ 1.456	0.17	0.03	1.79
St/C-I	123	Br-D-19	748	44.0 - 44.5	CL : Sandy CLAY		4.2	30.0	38.3	7.0	20.5	32.0	1.92	1.45	2.73	99	47	0.883	28.1	18.2	9.9	1.39								25°49'	0.503	0.083 ~ 1.459	0.22	0.01	1.85
C1-U	124	Br-D-20	835	2.0 - 3.0	CH : Fat CLAY		1.0	2.0	53.6	12.6	30.8	73.8	1.55	0.89	2.69	98	67	2.022	72.2	32.7	39.5	1.04	6.8	0.162	8.6 x 10⁻⁸					25°05'	0.077				
C1-U	125	Br-D-20	836	9.0 - 10.0	CH : Fat CLAY		2.0	5.0	51.3	8.1	33.6	58.4	1.58	1.00	2.70	93	63	1.700	61.9	27.9	34.0	0.90	4.2		4.3 x 10⁻⁸	8°22'	0.086					0.42 ~ 1.24	0.89	0.08	0.86
C1	126	Br-D-20	837	19.0 - 20.0	CL : Lean CLAY		1.0	6.6	43.6	12.2	36.6	36.4	1.75	1.28	2.69	89	52	1.102	35.8	19.4	16.4	1.04	3.8	0.390						23°41'	0.167	0.821 ~ 0.981	0.30	0.02	0.76
C2	127	Br-D-20	838	28.0 - 28.5	CH : Fat CLAY			5.0	51.5	12.5	31.4	29.2	1.93	1.49	2.74	95	46	0.839	63.6	29.8	33.8	<0		1.703						13°56'	0.529	0.288 ~ 0.321	0.20	0.06	2.06
C2	128	Br-D-20	839	40.0 - 40.50	CL : Lean CLAY			11.0	49.1	11.6	28.3	29.5	1.89	1.46	2.73	93	47	0.870	41.0	19.9	21.1	0.45		0.596								0.952 ~ 1.403	0.23	0.05	1.99
C1-U	129	Br-D-21	846	6.0 - 7.0	CH : Fat CLAY			4.0	52.4	10.1	33.5	81.8	1.53	0.84	2.69	100	69	2.202	60.8	29.4	31.4	1.67	6.9	0.193	9.8 x 10⁻⁸	4°20'	0.092								
C1-U	130	Br-D-21	847	11.0 - 12.0	CL : Lean CLAY			12.6	49.2	7.6	30.6	49.3	1.66	1.11	2.69	93	59	1.423	49.2	22.6	26.6	1.00	4.6	0.271						26°41'	0.029	0.357 ~ 0.668	0.60	0.06	0.83
C1	131	Br-D-21	848	19.0 - 20.0	CH : Fat CLAY	1.0	13.0	51.7	10.3	24.0	54.2	1.66	1.06	2.62	100	59	1.426	58.7	30.7	28.0	0.84	8.0	0.648	4.5 x 10⁻⁸							0.581 ~ 1.095	0.39	0.06	1.14
C2	132	Br-D-21	849	24.0 - 24.5	CH : Fat CLAY		3.0	47.3	16.5	33.2	30.9	1.90	1.45	2.74	95	47	0.890	71.5	27.3	44.2	0.08		2.915								0.108 ~ 0.198	0.26	0.09	1.88
C2	133	Br-D-21	850	34.4 - 34.8	CL : Lean CLAY with SAND		18.6	45.2	9.9	26.3	25.8	1.98	1.57	2.74	95	43	0.745	31.6	16.0	15.6	0.63		0.413								1.528 ~ 2.074	0.14	0.02	1.80
C2	134	Br-D-21	851	41.0 - 41.5	CL : Lean CLAY		5.2	49.8	9.7	35.3	34.8	1.85	1.37	2.70	97	49	0.971	48.9	22.4	26.5	0.47		1.413								1.163 ~ 1.431	0.22	0.05	2.43
C2	135	Br-D-21	853	44.4 - 45.0	CL : Sandy CLAY	2.6	30.6	36.6	9.1	21.1	23.3				2.73																			
St/C-I	136	Br-D-21	852	50.7 - 51.1	CL : Lean CLAY	1.0	2.8	57.4	6.7	32.1	30.0	1.90	1.46	2.74	94	47	0.877	46.2	27.2	19.0	0.15		1.194								0.981 ~ 1.404	0.19	0.05	2.58
C1-U	137	Br-D-22	372	3.0 - 4.0	MH : Elastic SILT	2.0	5.0	59.4	11.8	21.8	65.1	1.51	0.91	2.69	90	66	1.956	64.5	34.8	29.7	1.02	4.5									0.290 ~ 1.282	0.66	0.02	0.47
C1-U	138	Br-D-22	373	8.0 - 9.0	CH : Fat CLAY	4.6	6.0	50.0	11.7	27.7	54.6	1.64	1.06	2.70	95	61	1.547	57.6	28.0	29.6	0.90								29°29'	0.057	0.714 ~ 1.043	0.48	0.06	0.62
C1-U	139	Br-D-22	374	12.0 - 13.0	CH : Fat CLAY	1.0	5.0	62.1	9.0	22.9	63.8	1.62	0.99	2.69	100	63	1.717								3°22'	0.095								
C2	140	Br-D-22	375	16.0 - 16.5	CH : Fat CLAY	1.0	6.0	39.3	17.5	36.2	27.2	1.92	1.51	2.74	91	45	0.815	50.5	25.3	25.2	0.08		1.308								0.364 ~ 0.598	0.14	0.01	2.30
C2	141	Br-D-22	376	30.0 - 30.5	CL : Lean CLAY with SAND	4.0	20.0	46.2	13.0	16.8	26.4	1.98	1.57	2.73	98	42	0.739	36.0	18.4	17.6	0.45													
C2	142	Br-D-22	377	34.0 - 34.5	ML : SILT	1.0	3.0	62.3	11.0	22.7	22.9	2.03	1.65	2.73	95	40	0.655	49.6	30.9	18.7	<0		3.787								0.218 ~ 0.368	0.11	0.01	2.26
C2	143	Br-D-22	378	42.0 - 42.5	SC : Clayey SAND	10.0	40.6	29.1	5.5	14.8	25.4	1.93	1.54	2.74	89	44	0.779	28.2	18.3	9.9	0.72													
St/C-I	144	Br-D-22	379	68.0 - 68.5	CL : Sandy CLAY	8.6	40.0	33.5	3.0	14.9	20.6				2.73				26.5	15.2	11.3	0.48									1.194 ~ 1.743	0.12	0.01	1.86
C1-U	145	BR-D-23	26	6.0 - 7.0	CL : Sandy CLAY		34.0	31.7	9.1	25.2	42.0	1.62	1.14	2.69	83	58	1.360	41.0	20.1	20.9	1.05		0.231	2.6 x 10⁻⁷					29°41'	0.031	0.559 ~ 0.962	0.68	0.08	0.86
C2	146	BR-D-23	27	10.0 - 11.0	CH : Fat CLAY		14.0	42.9	11.7	31.4	48.4	1.67	1.13	2.65	95	57	1.345	52.5	27.0	25.5	0.84	6.1									0.411 ~ 0.558	0.47	0.05	0.78
C2	147	BR-D-23	28	13.5 - 14.0	CH : Fat CLAY		2.6	37.3	25.4	34.7	25.7	1.98	1.58	2.73	96	42	0.728	55.6	28.7	26.9	<0													
C2	148	BR-D-23	29	18.0 - 18.5	CL : Lean CLAY		6.6	44.6	12.1	36.7	23.2	2.01	1.63	2.73	94	40	0.675	47.9	23.5	24.4	<0										0.234 ~ 0.412	0.13	0.05	2.47
C2	149	BR-D-23	35	22.5 - 23.0	CH : Fat CLAY		3.0	38.9	23.4	34.7	32.9			2.73				58.5	27.9	30.6	0.16													
C2	150	BR-D-23	30	27.5 - 28.0	CL : Lean CLAY		8.0	60.4	13.3	18.3	25.4	1.98	1.58	2.69	97	41	0.703	34.5	19.4	15.1	0.40				10°19'	0.328					0.811 ~ 1.746	0.16	0.03	2.21
C2	151	BR-D-23	31	37.0 - 37.5	CL : Lean CLAY with SAND		21.0	44.4	9.6	25.0	21.3	2.06	1.70	2.73	96	38	0.606	40.0	20.9	19.1	0.02		1.610								1.000 ~ 1.613	0.15	0.03	3.92
St/C-I	152	BR-D-23	32	46.5 - 47.0	CL : Lean CLAY		3.0	45.2	16.8	35.0	23.7	1.96	1.58	2.70	90	41	0.709	33.4	17.6	15.8	0.39		0.932											
St/C-I	153	BR-D-23	33	52.0 - 52.5	CL : Lean CLAY		2.6	51.6	15.7	30.1	28.0	1.91	1.49	2.69	94	45	0.805	35.9	20.2	15.7	0.50				14°33'	0.033								
St/C-I	154	BR-D-23	34	57.5 - 58.0	CL : Lean CLAY with SAND	3.0	16.0	42.5	9.6	28.9	18.9	2.04	1.72	2.73	88	37	0.587	36.4	19.1	17.3	<0		1.695								0.446 ~ 0.482	0.14	0.04	3.42

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	K. Enomoto	SUMMARY OF SOIL TEST OF BOREHOLES BR-D-18...BR-D-23 (1/2)	P3/SGT/0120
				SIGNATURE	K. Nemoto				
				DATE	20/9/2000	29/9/2000	5/10/2000		

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SUMMARY OF LABORATORY TEST RESULTS OF BOREHOLES:

BR-D-24(KM12+405)
BR-D-25(KM12+740)
BR-D-26(KM13+165)
BR-D-27(KM13+900)
BR-D-28(KM13+960)
BR-D-29(KM14+247)
BR-D-10(KM14+960)

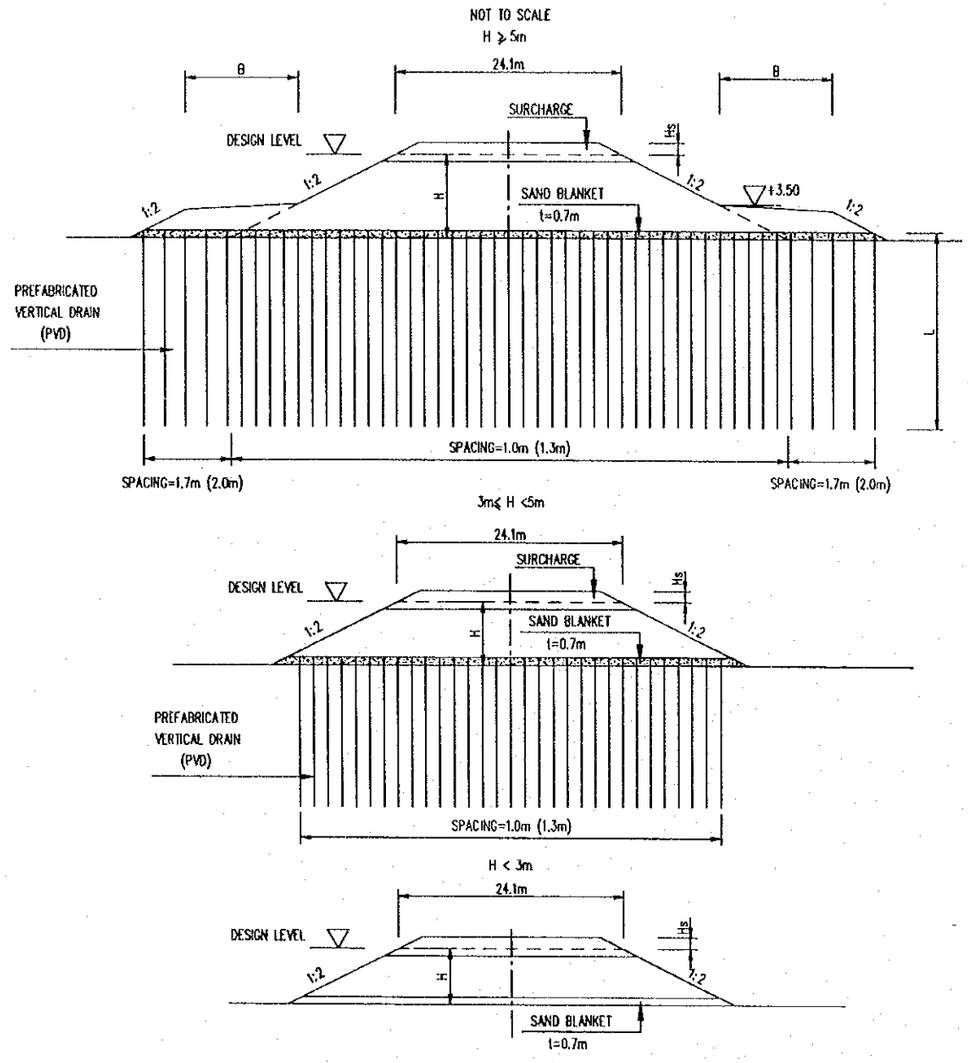
Layer name	No	Borehole symbol	Laboratory No	Sample depth (m)	Soil Name (ASTM D2487-83)	Particle size analysis (%) Gravel 4.75 to 2.00 mm	Sand 2.00 to 0.425 mm	Sand 0.425 to 0.075 mm	Silt 0.075 to 0.005 mm	Clay 0.005 to 0.002 mm	Clay < 0.002 mm	Water content w %	Unit weight γt g/cm³	Dry weight γd g/cm³	Specific gravity D	Saturation Sr %	Porosity n %	Void ratio e	Liquid Limit WL %	Plastic limit Wp %	Plasticity index Ip	Liquidity index IL	Organic matter %	Unconfined compressive strenght qu kG/cm²	Permeability k10 cm/s	Triaxial compression UU Type: Internal friction angle I° degree	UU Type: Cohesion C kG/cm²	CU Type: Internal friction angle I° degree	CU Type: Cohesion C kG/cm²	CU Type: Internal friction angle I° degree	CU Type: Cohesion C' kG/cm²	Consolidation Test: Consolidation coefficient Cv(cm²/s) x 10⁻³ min ~ max	Compression index Cc	Swell index Cs	Preconsolidation pressure Pc kG/cm²
C1-U	155	BR-D-24	305	4.0 - 5.0	CH : Fat CLAY		2.0	4.0	56.8	16.1	21.1	64.0	1.61	0.98	2.71	98	64	1.765	62.2	29.6	32.6	1.06								2858'	0.064	0.563 ~ 0.959	0.60	0.07	0.81
C1-U	156	BR-D-24	306	11.0 - 12.0	CL : Lean CLAY			4.6	59.0	15.2	21.2	57.1	1.66	1.06	2.71	99	61	1.557	45.2	24.7	20.5	1.58				5°04'	0.096					0.532 ~ 0.725	0.50	0.06	0.82
C2	157	Br-D-24	307	16.0 - 16.5	CL : Lean CLAY			4.0	54.3	8.1	33.6	26.1	1.96	1.55	2.75	93	44	0.774	47.8	23.8	24.0	0.10								1921'	0.202				
C2	158	Br-D-24	308	23.5 - 24.0	CH : Fat CLAY			2.0	47.4	15.7	34.9	35.7	1.87	1.38	2.71	100	49	0.964	64.7	30.1	34.6	0.16		1.685								0.325 ~ 0.693	0.23	0.06	2.17
C2	159	Br-D-24	309	27.5 - 28.0	CL : Lean CLAY with SAND		2.0	20.0	60.2	6.5	11.3	27.5	1.87	1.47	2.73	88	46	0.857	44.7	19.3	25.4	0.32								2302'	0.303				
C2	160	Br-D-24	310	30.0 - 30.5	CL : Lean CLAY			6.0	56.8	10.2	27.0	26.6	1.99	1.57	2.71	99	42	0.726	31.2	18.3	12.9	0.64		0.249											
C2	161	Br-D-24	311	41.2 - 41.7	CL : Lean CLAY			8.6	64.3	9.0	18.1	21.9	1.98	1.62	2.73	87	41	0.685	33.6	17.0	16.6	0.30				10°07'	0.570								
St/C-1	162	Br-D-24	312	55.0 - 55.5	CL : Lean CLAY			2.6	58.6	13.7	25.1	29.3	1.95	1.51	2.71	100	44	0.795	30.3	18.6	11.7	0.91		0.320								0.902 ~ 1.416	0.23	0.04	2.23
St/C-1	163	Br-D-24	313	67.0 - 67.5	CL : Lean CLAY			3.0	61.0	7.1	28.9	22.5	2.04	1.67	2.73	97	39	0.635	45.2	21.6	23.6	0.04		2.044								0.810 ~ 1.134	0.09	0.01	2.18
C1-U	164	Br-D-25	51	4.0 - 5.0	CH : Fat CLAY			7.0	57.2	16.5	19.3	74.3	1.55	0.89	2.69	99	67	2.022	58.1	30.1	28.0	1.58	4.8			4°14'	0.080								
C1-U	165	Br-D-25	52	9.0 - 10.0	CL : Lean CLAY with SAND			18.0	53.6	13.0	15.4	56.7	1.68	1.06	2.69	99	61	1.538	39.9	21.9	18.0	1.93	4.2	0.172								0.555 ~ 1.184	0.72	0.07	0.90
C1-U	166	Br-D-25	53	12.0 - 13.0	CL : Lean CLAY with SAND			18.0	47.7	15.0	19.3	57.3	1.67	1.06	2.69	100	61	1.538	44.0	23.2	20.8	1.64	4.7		1.0 x 10⁻⁷	3°26'	0.086					1.346 ~ 1.536	0.40	0.04	0.76
C2	167	Br-D-25	54	18.0 - 18.5	CL : Lean CLAY			2.0	41.4	22.4	34.2	27.4	1.96	1.54	2.73	97	44	0.773	48.7	25.1	23.6	0.10				19°55'	0.371					0.419 ~ 0.561	0.17	0.02	2.12
C2	168	Br-D-25	55	27.5 - 28.0	CL : Lean CLAY with SAND			20.6	47.9	11.0	20.5	25.6	2.02	1.61	2.74	100	41	0.702	32.0	17.1	14.9	0.57		0.414								1.644 ~ 2.138	0.16	0.02	1.97
C2	169	Br-D-25	56	33.0 - 33.5	CL : Lean CLAY			4.6	59.5	13.4	22.5	28.6	1.97	1.53	2.73	100	44	0.784	35.8	18.5	17.3	0.58								2927'	0.310	1.560 ~ 2.787	0.18	0.03	2.57
C2	170	Br-D-25	57	43.0 - 43.5	CL : Lean CLAY			3.0	41.3	23.4	32.3	26.8	1.96	1.55	2.72	97	43	0.755	44.6	20.1	24.5	0.27				14°13'	0.337								
St/C-1	171	Br-D-25	58	55.5 - 56.0	CL : Lean CLAY			6.8	55.5	16.0	21.7	31.2	1.92	1.46	2.69	100	46	0.842	25.2	17.5	7.7	1.78		0.110	3.4 x 10⁻⁷							1.283 ~ 1.903	0.09	0.01	1.96
C1-U	172	Br-D-26	259	3.0 - 4.0	CH : Fat CLAY			4.6	57.5	15.0	22.9	80.4	1.50	0.83	2.69	97	69	2.241					3.8			3°23'	0.075					0.369 ~ 0.441	0.96	0.12	0.64
C1-U	173	Br-D-26	260	7.0 - 8.0	CH : Fat CLAY			4.0	45.1	23.1	27.8	69.9	1.58	0.93	2.68	100	65	1.882	75.9	32.1	43.8	0.86								2853'	0.088				
C1-U	174	Br-D-26	261	11.0 - 12.0	CH : Fat CLAY			5.0	60.1	14.0	20.9	77.6	1.55	0.87	2.69	100	68	2.092	57.1	28.6	28.5	1.72		0.182	1.3 x 10⁻⁷										
C2	175	Br-D-26	262	17.0 - 17.5	CH : Fat CLAY			1.0	47.2	15.6	36.2	29.3	1.89	1.46	2.74	92	47	0.877	53.2	27.2	26.0	0.08				13°40'	0.543					0.912 ~ 1.418	0.18	0.06	2.29
C2	176	Br-D-26	263	25.0 - 25.5	CL : Lean CLAY			14.0	50.4	13.9	21.7	24.4	1.97	1.58	2.74	91	42	0.734	36.2	19.7	16.5	0.28								2717'	0.247	1.790 ~ 1.979	0.18	0.03	2.13
C1-U	177	BR-D-27	985	4.0 - 4.5	CH : Fat CLAY			7.0	61.6	12.1	19.3	51.1	1.70	1.13	2.69	100	58	1.381	52.9	29.0	23.9	0.92		0.303		5°41'	0.085					0.942 ~ 1.328	0.35	0.04	0.99
C2	178	Br-D-27	986	12.5 - 13.0	CL : Lean CLAY			10.0	41.7	11.7	36.6	28.5	1.97	1.53	2.74	99	44	0.791	46.5	22.5	24.0	0.25				18°24'	0.600					0.749 ~ 1.074	0.13	0.02	2.40
C2	179	Br-D-27	987	15.0 - 15.5	CH : Fat CLAY			4.0	47.5	15.7	32.8	30.2	1.87	1.44	2.73	92	47	0.896	56.0	28.5	27.5	0.06													
C2	180	Br-D-27	988	19.0 - 19.5	CH : Fat CLAY			4.0	45.1	20.1	30.8	34.7	1.85	1.37	2.73	95	50	0.993	60.3	25.8	34.5	0.26								2205'	0.547				
C2	181	Br-D-27	989	23.5 - 24.0	CL : Lean CLAY			5.0	58.1	9.0	27.9	26.5	2.00	1.58	2.73	99	42	0.728	34.8	18.5	16.3	0.49													
C2	182	Br-D-27	990	28.0 - 28.5	CL : Sandy CLAY			40.0	34.4	6.5	19.1	26.3	1.92	1.52	2.73	90	44	0.796	31.6	15.4	16.2	0.67								2345'	0.309				
St/C-1	183	BR-D-27	991	38.6 - 39.0	SC-SM : Silty Clayey SAND			72.0	16.9	4.6	6.5	30.2	1.90	1.46	2.69	97	46	0.842	24.8	19.5	5.3											2.044 ~ 2.129	0.19	0.02	1.99
St/C-1	184	Br-D-27	992	44.5 - 45.0	CL : Lean CLAY			11.0	52.2	10.6	26.2	35.3	1.79	1.32	2.69	92	51	1.038	45.6	23.1	22.5	0.54													
C1-U	185	Br-D-28	7	3.0 - 4.0	CH : Fat CLAY			10.6	49.1	15.1	25.2	79.2	1.49	0.83	2.69	95	69	2.241	89.5	34.6	54.9	0.81	6.5	0.154	7.3 x 10⁻⁸	3°20'	0.062								
C1-U	186	Br-D-28	8	8.0 - 9.0	CH : Fat CLAY with SAND			16.6	51.1	13.0	19.3	57.0	1.67	1.06	2.68	100	60	1.528	62.8	31.8	31.0	0.81	5.4	0.204						2427'	0.060	0.451 ~ 0.614	0.68	0.08	0.76
C1-U	187	Br-D-28	9	12.0 - 13.0	CL : Lean CLAY			2.6	56.1	13.1	28.2	46.2	1.70	1.16	2.69	94	57	1.319	42.4	23.0	19.4	1.20	4.7	0.232	8.3 x 10⁻⁸	5°50'	0.045					0.450 ~ 0.629	0.41	0.04	0.80
C2	188	Br-D-28	10	17.0 - 17.5	CH : Fat CLAY			3.0	46.7	15.6	34.7	32.3	1.89	1.43	2.73	97	48	0.909	55.4	28.1	27.3	0.15		0.163								0.354 ~ 0.618	0.21	0.03	2.14
C2	189	Br-D-28	11	23.5 - 24.0	CL : Lean CLAY with SAND			28.0	39.5	12.4	20.1	26.7	1.93	1.52	2.73	92	44	0.796	32.4	15.6	16.8	0.66			6.8 x 10⁻⁸							1.134 ~ 1.614	0.19	0.02	1.48
C2	190	Br-D-28	12	27.0 - 27.5	CH : Fat CLAY			4.0	53.7	11.5	30.8	26.2	1.97	1.56	2.73	95	43	0.750	50.9	23.3	27.6	0.11				17°21'	0.508					0.439 ~ 0.640	0.16	0.03	2.27
C2	191	Br-D-28	13	38.0 - 38.5	CL : Lean CLAY with SAND			16.0	55.6	7.1	21.3	31.6	1.88	1.43	2.69	97	47	0.881	37.2	19.7	17.5	0.68			1.0 x 10⁻⁸							1.813 ~ 2.861	0.21	0.03	2.49
St/C-1	192	Br-D-28	14	47.0 - 47.5	CL : Lean CLAY with SAND			23.0	45.6	12.1	19.3	25.6	1.97	1.57	2.69	97	42	0.713	31.5	17.4	14.1	0.58		0.139											
St/C-1	193	Br-D-28	15	55.0 - 55.5	CL : Lean CLAY			3.0	56.6	16.2	24.2	31.8	1.88	1.43	2.69	97	47	0.881	46.8	22.5	24.3	0.38				12°29'	0.297					1.103 ~ 1.871	0.22	0.01	5.35
C1-U	194	Br-D-29	354	5.0 - 6.0	CL : Lean CLAY		2.0	4.6	52.4	10.2	30.8	49.9	1.66	1.11	2.69	94	59	1.423	43.7	25.3	18.4	1.34				4°48'	0.081					0.451 ~ 0.630	0.57	0.05	0.83
C1-U	195	Br-D-29	355	10.0 - 11.0	CH : Fat CLAY		4.0	37.6	32.4	10.0	16.0	60.2	1.47	0.92	2.69	84	66	1.924	64.2	30.3	33.9	0.88		0.115						1793'	0.158				
C2	196	Br-D-29	356	16.0 - 16.5	CL : Lean CLAY		1.0	1.0	32.6	21.4	44.0	26.1	1.98	1.57	2.74	96	43	0.745	48.5	26.9	21.6	<0										0.427 ~ 0.630	0.16	0.04	2.08
C1-U	44	Br-D-10	341	2.5 - 3.5	CH : Fat CLAY			4.6	52.4	10.3	32.7	97.0	1.46	0.74	2.68	99	72	2.622	81.6	32.4	49.2	1.31	6.1	0.197						1913'	0.101				
C1-U	45	Br-D-10	342	6.0 - 7.0	MH : Elastic SILT			6.0	59.5	13.6	20.9	72.3	1.57	0.91	2.69	99	66	1.956	77.0	43.1	33.9	0.86	3.5			4°48'	0.092					1.051 ~ 1.272	0.67	0.06	0.90
C1-U	46	Br-D-10	343	9.0 - 10.0	CL : Lean CLAY			4.0	52.2	11.1	32.7	53.9	1.64	1.07	2.69	96	60	1.514	47.5	24.3	23.2	1.28		0.304						2345'	0.091				
C2	47	Br-D-10	344	16.0 - 16.5	CL : Sandy CLAY			12.0	42.0	11.6	34.4	26.4	1.95	1.54	2.73	93	44	0.773	47.0	26.2	20.8	0.01		1.617						2922'	0.304				
C2	48	Br-D-10	346	33.0 - 33.5	CL : Lean CLAY			4.0	62.1	13.1	20.8	30.1	1.94	1.49	2.70	100	45	0.812	33.4	19.9	13.5	0.76				13°41'	0.279					0.907 ~ 2.856	0.20	0.04	3.00
C2	49	Br-D-10	349	47.0 - 47.5	CL : Lean CLAY	2.6	2.0	1.0	38.5	25.4	30.5	21.6	2.05	1.69	2.72	97	38	0.609	33.8	20.8	13.0	0.06		2.165		13°27'	0.772					~			
St	50	Br-D-10	353	69.0 - 69.5	CL : Lean CLAY			14.0	55.4	10.8	19.8	26.9	1.89	1.49	2.71	89	45	0.819	29.5	21.0	8.5	0.69		0.743								1.244 ~ 3.829	0.20	0.03	2.87

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	K. Enomoto	SUMMARY OF SOIL TEST OF BOREHOLES BR-D-24...BR-D-29, BR-D-10 (2/2)	P3/SGT/0130
				SIGNATURE	K. Nemoto				
				DATE	20/9/2000	29/9/2000	5/10/2000		

D:\DUONG VAN SANG.TEDI SOUTH\Can Tho bridge Project\from Nemoto\p3\SGT\B3-SGT-120.dwg Thu Jun 01 11:20:15 2000

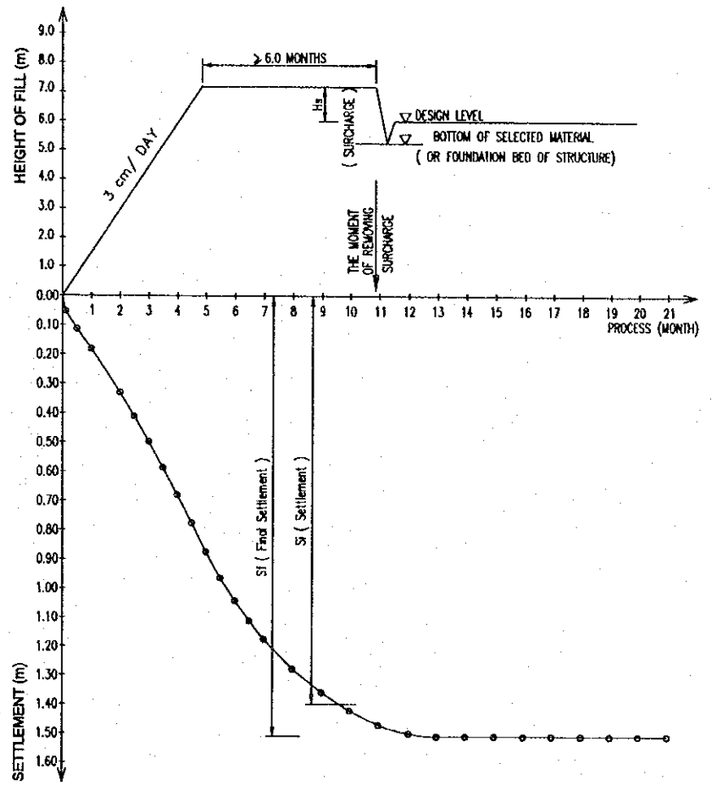
TYPICAL SECTIONS

NOT TO SCALE



HEIGHT OF EMBANKMENT, m (H)	HEIGHT OF SURCHARGE, m (Hs)	COUNTERWEIGHT BERM WIDTH, m (B)	SPACING BETWEEN PVDs , m	
			SEGMENT 3	SEGMENT 4
<3	0	–	–	–
3–4	1.0	–	1.1	1.3
4–5	1.5	–	1.1	1.3
5–6	2.0	10.0	1.1/1.7	1.3/2.0
6–7	2.0	12.0	1.1/1.7	1.3/2.0
7–8	2.0	12.0	1.1/1.7	1.3/2.0

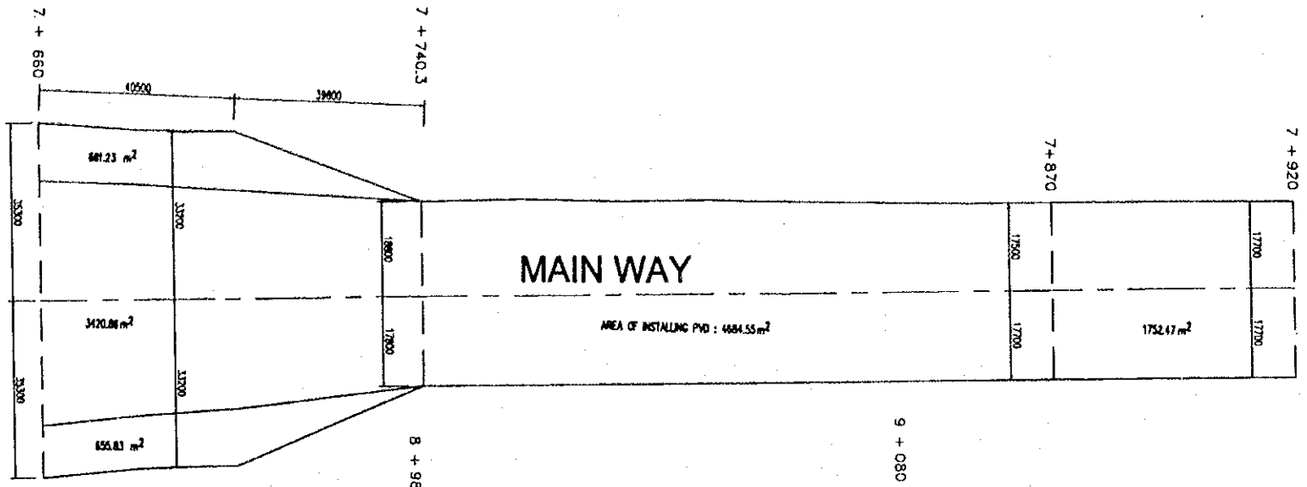
STAGE CONSTRUCTION PROGRAM

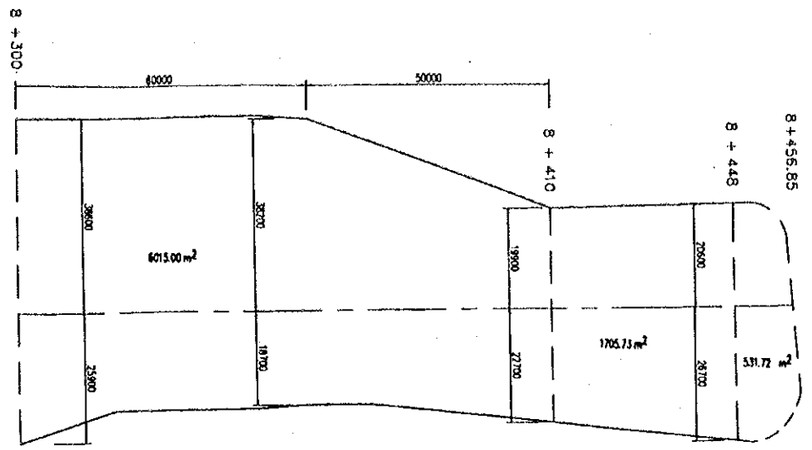


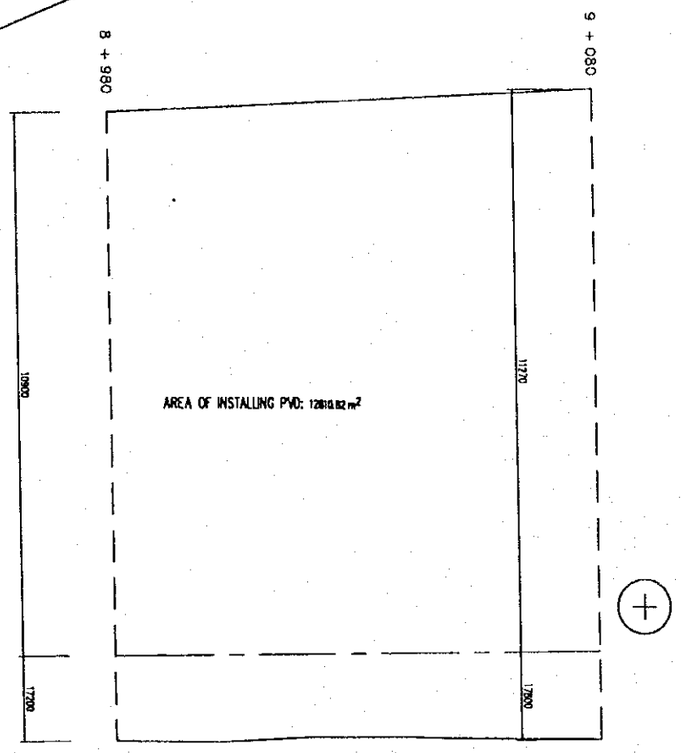
NOTES

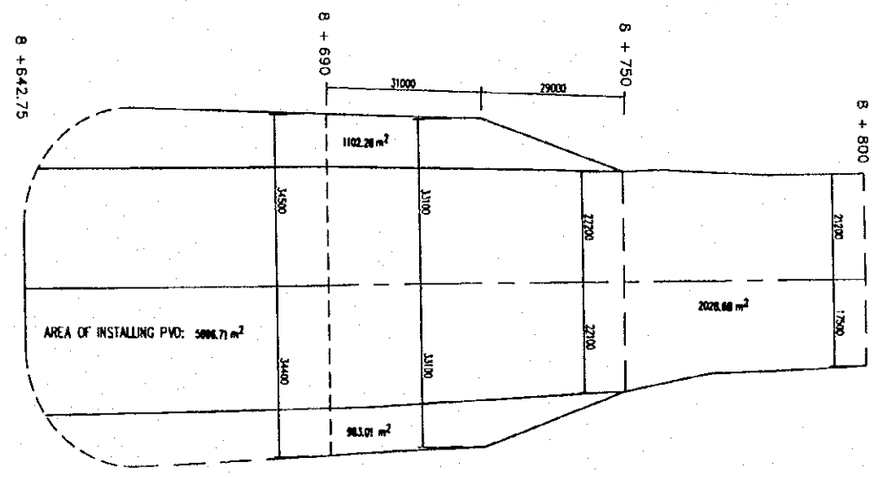
- Si / Sf > 0.9 OR ΔS ≤ 10 cm
- THE NUMBER IN THE BRACKET IS USED FOR SEGMENT 4.

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	K. Enomoto	TYPICAL CROSS SECTIONS AND STAGE CONSTRUCTION PROGRAM	P3/SGT/0140
				SIGNATURE	K. Nemoto				
				DATE	20/9/2000	29/9/2000	5/10/2000		

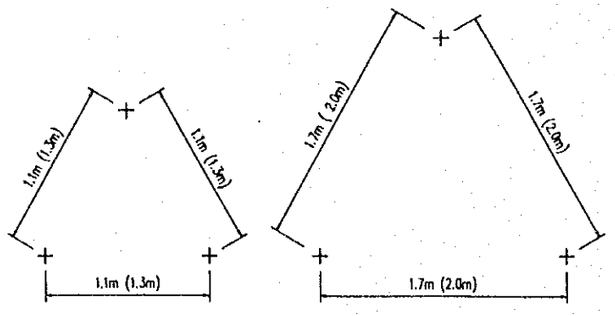








TYPICAL ARRANGEMENT OF PVD



NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS.
2. SCALE IS 1:1000.
3. THE NUMBER IN THE BRACKET IS USED FOR SEGMENT 4 (KM11+000 - KM15+350)

CONCEPTS OF INSTALLING PVD

No.	CHAINAGE	PVD LENGTH (M)	PVD SPACING (M)	
			UNDER EMBANKMENT	UNDER COUNTERWEIGHT BERM
1	KM7+660 TO KM9+620	25.0	1.1	1.7
2	KM9+620 TO KM11+000	23.0	1.1	1.7
3	KM11+000 TO KM15+350	17.0	1.3	2.0

PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM		PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	NIPPON KOEI CO.,LTD.	NAME	K. Nemoto	K. Nakai	K. Enomoto	PLAN OF PVD (1/8)	P3/SGT/0150
				SIGNATURE					
				DATE	20/9/2000	29/9/2000	5/10/2000		

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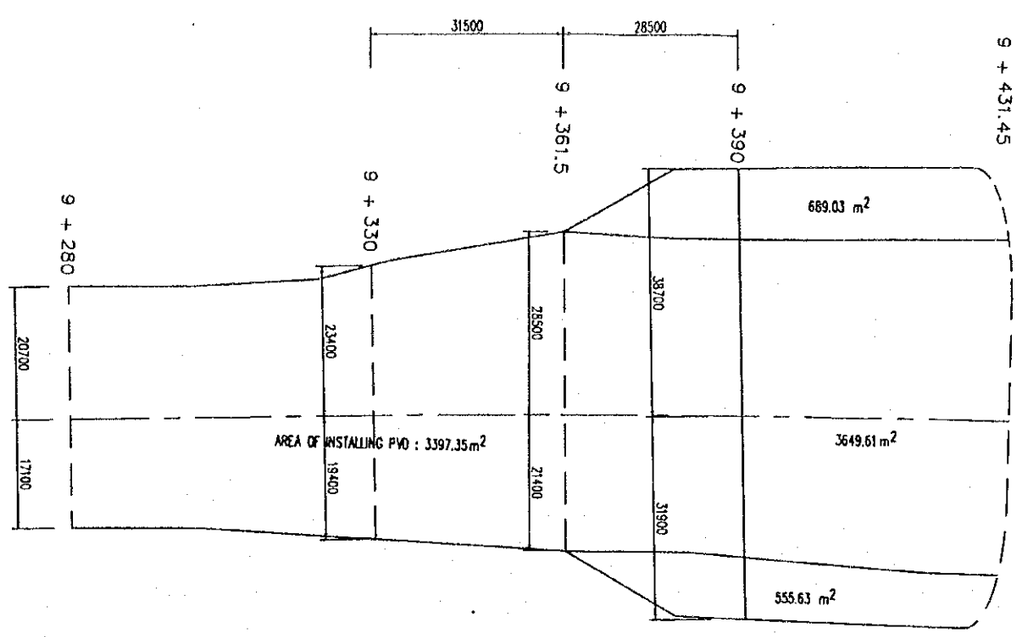
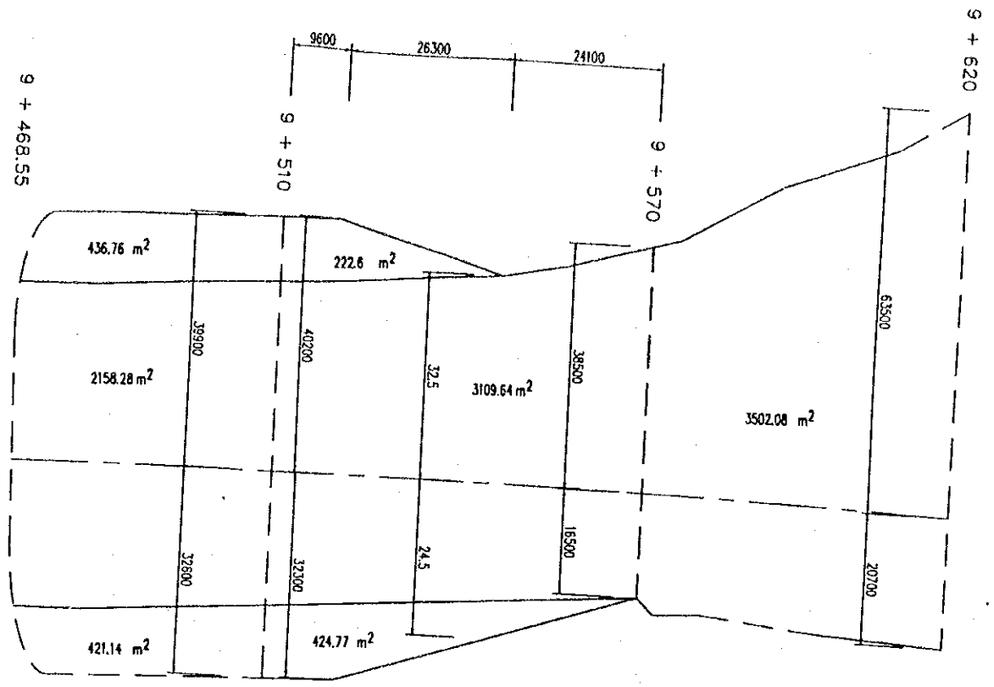
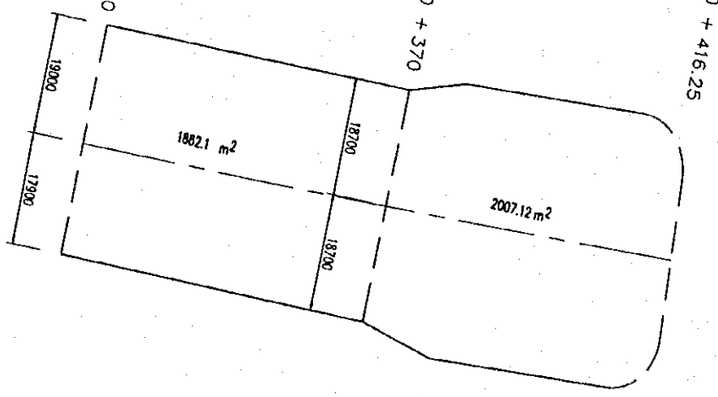
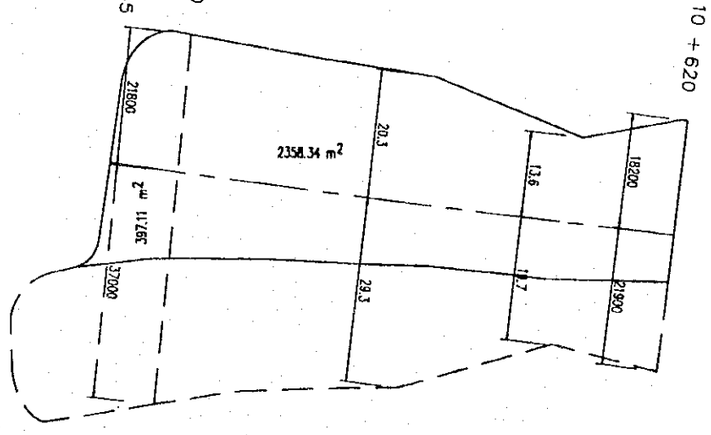




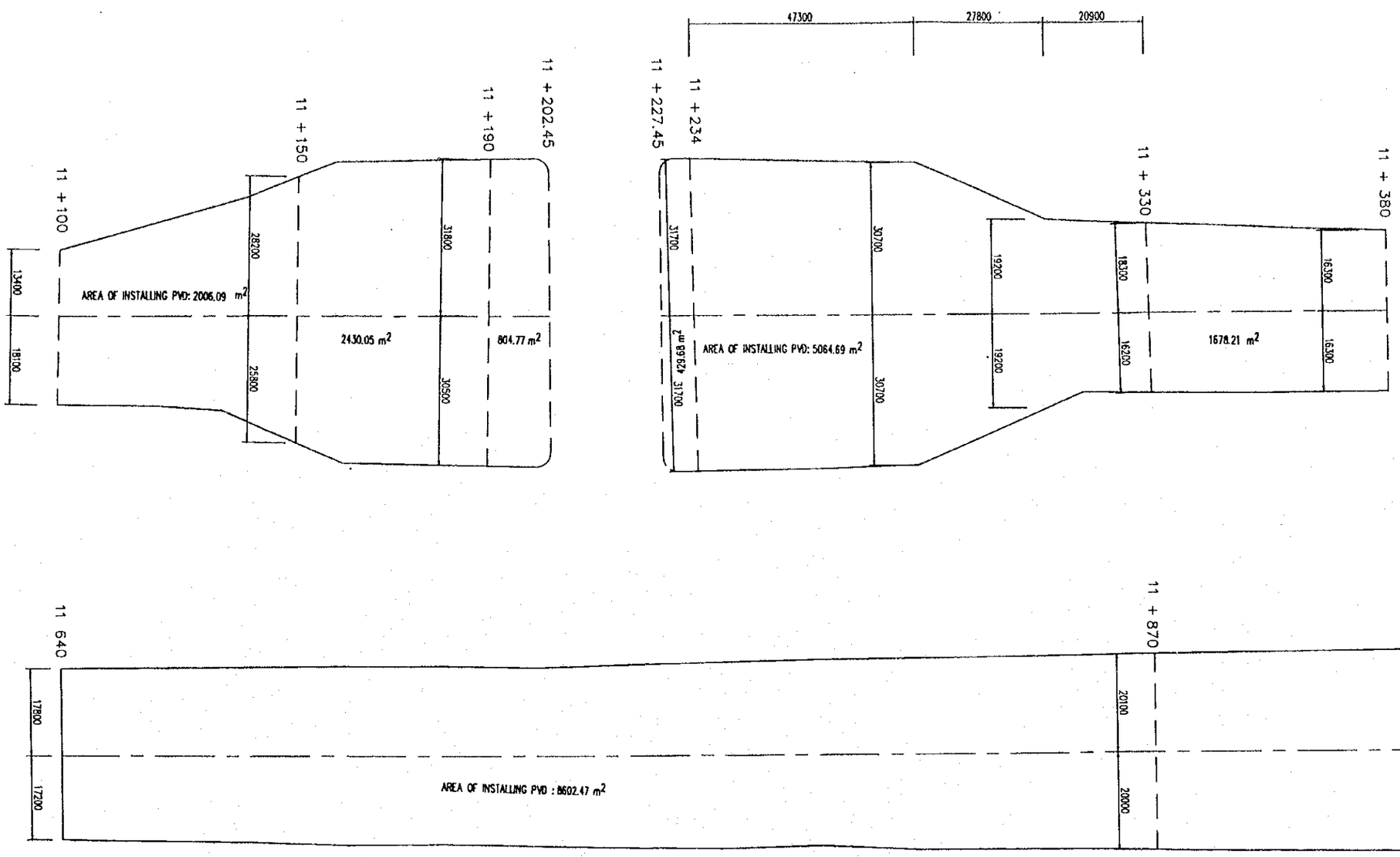




NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS.
2. SCALE IS 1:1000.
3. TYPICAL ARRANGEMENT OF PVD AND CONCEPTS OF INSTALLING PVD, SEE DWG. NO. P3/SGT/0150.

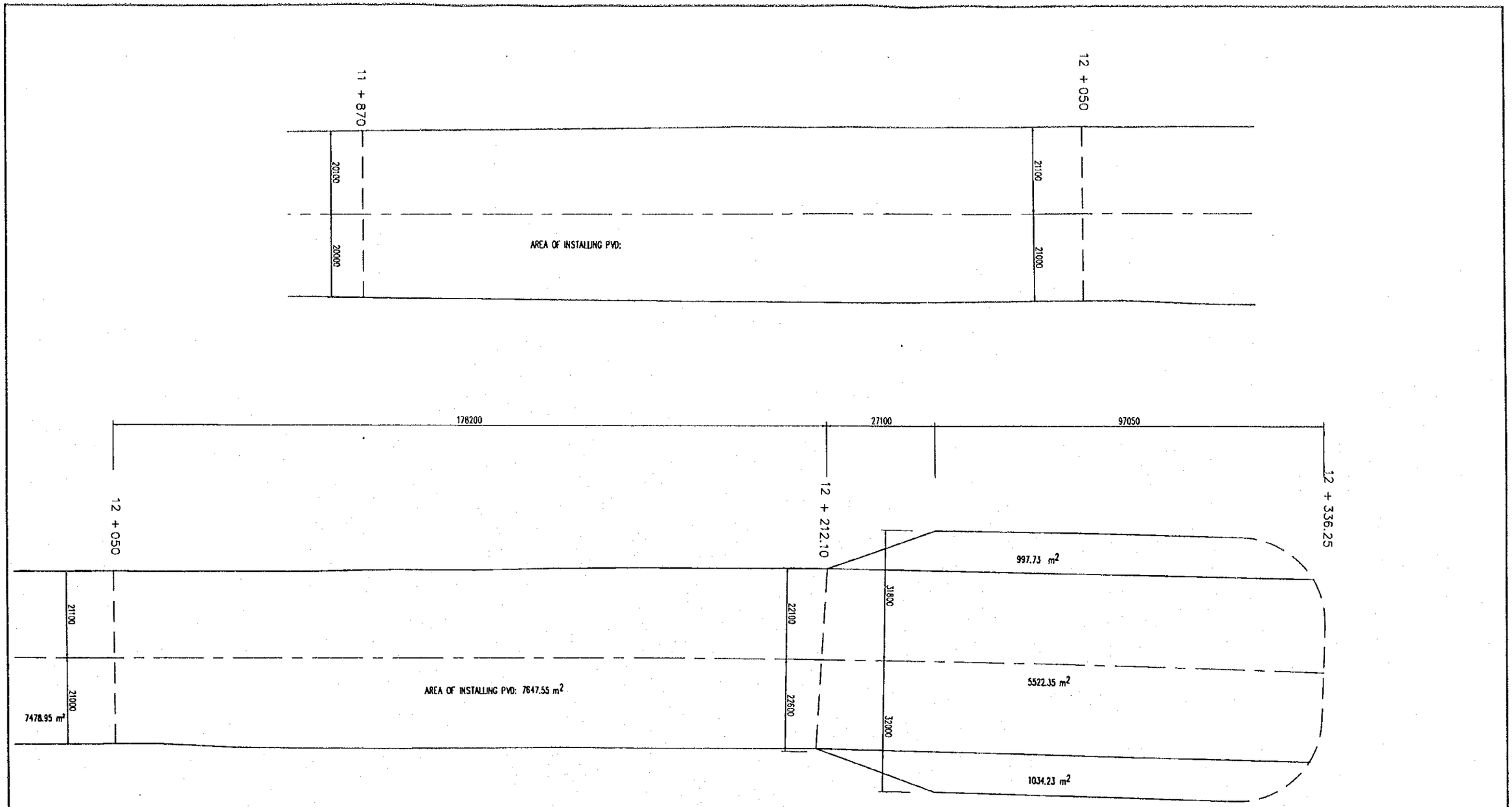
PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM		PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	NIPPON KOEI CO.,LTD.	NAME	K. Nemoto	K. Nakai	K. Enomoto	PLAN OF PVD (2/8)	P3/SGT/0160
				SIGNATURE					
				DATE	20/9/2000	29/9/2000	5/10/2000		



NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS.
2. SCALE IS 1:1000.
3. TYPICAL ARRANGEMENT OF PVD AND CONCEPTS OF INSTALLING PVD, SEE DWG. NO. P3/SGT/0150.

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	K. Enomoto	PLAN OF PVD (3/8)	P3/SGT/0170
				SIGNATURE	K. Nemoto				
				DATE	20/9/2000	29/9/2000	5/10/2000		



NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS.
2. SCALE IS 1:1000.
3. TYPICAL ARRANGEMENT OF PVD AND CONCEPTS OF INSTALLING PVD, SEE DWG. NO. P3/SGT/0150.

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	K. Enomoto	PLAN OF PVD (4/8)	P3/SGT/0180
				SIGNATURE	K. Nemoto				
				DATE	20/9/2000	29/9/2000	5/10/2000		

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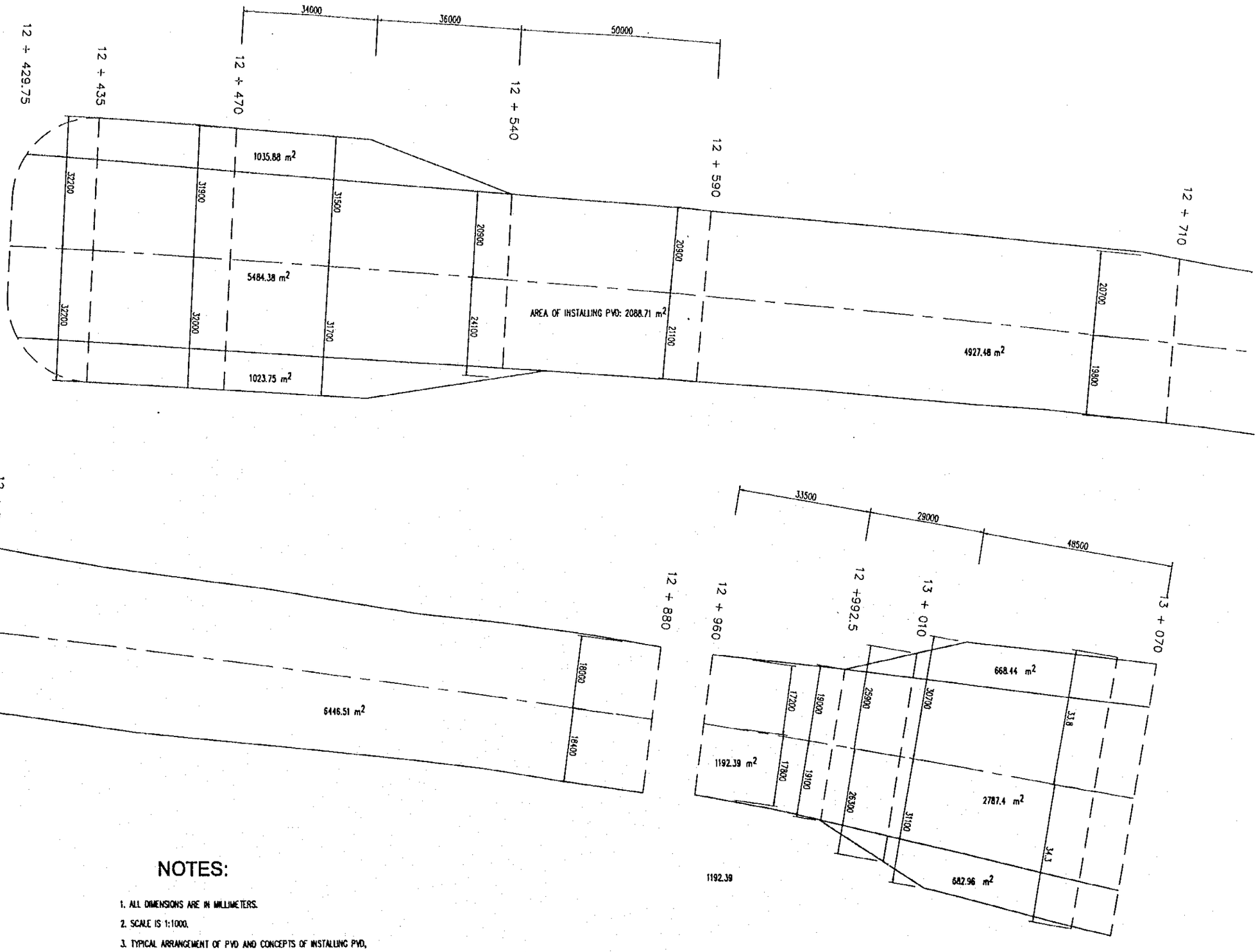
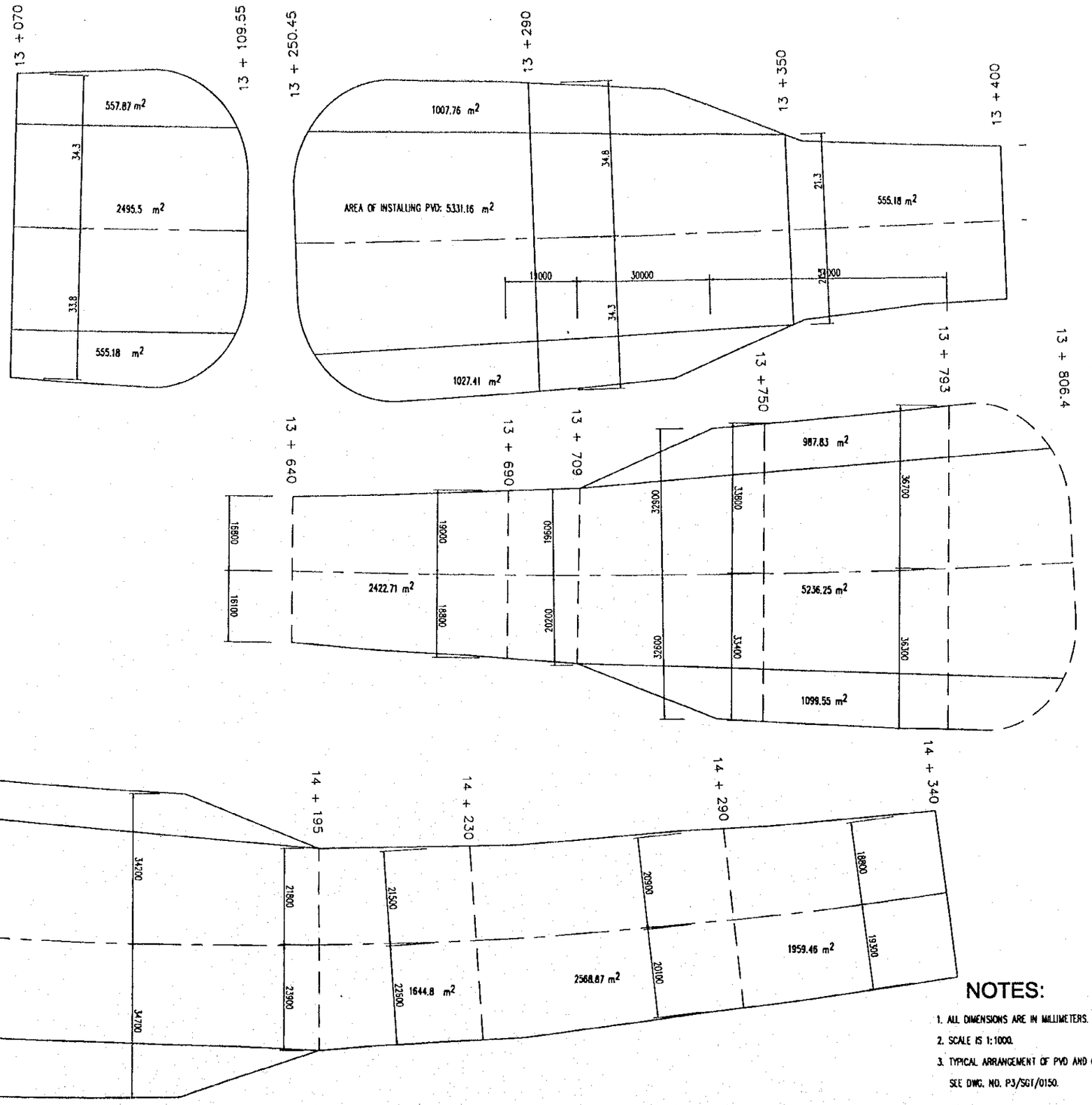


NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS.
2. SCALE IS 1:1000.
3. TYPICAL ARRANGEMENT OF PVD AND CONCEPTS OF INSTALLING PVD, SEE DWG. NO. P3/SGT/0150.

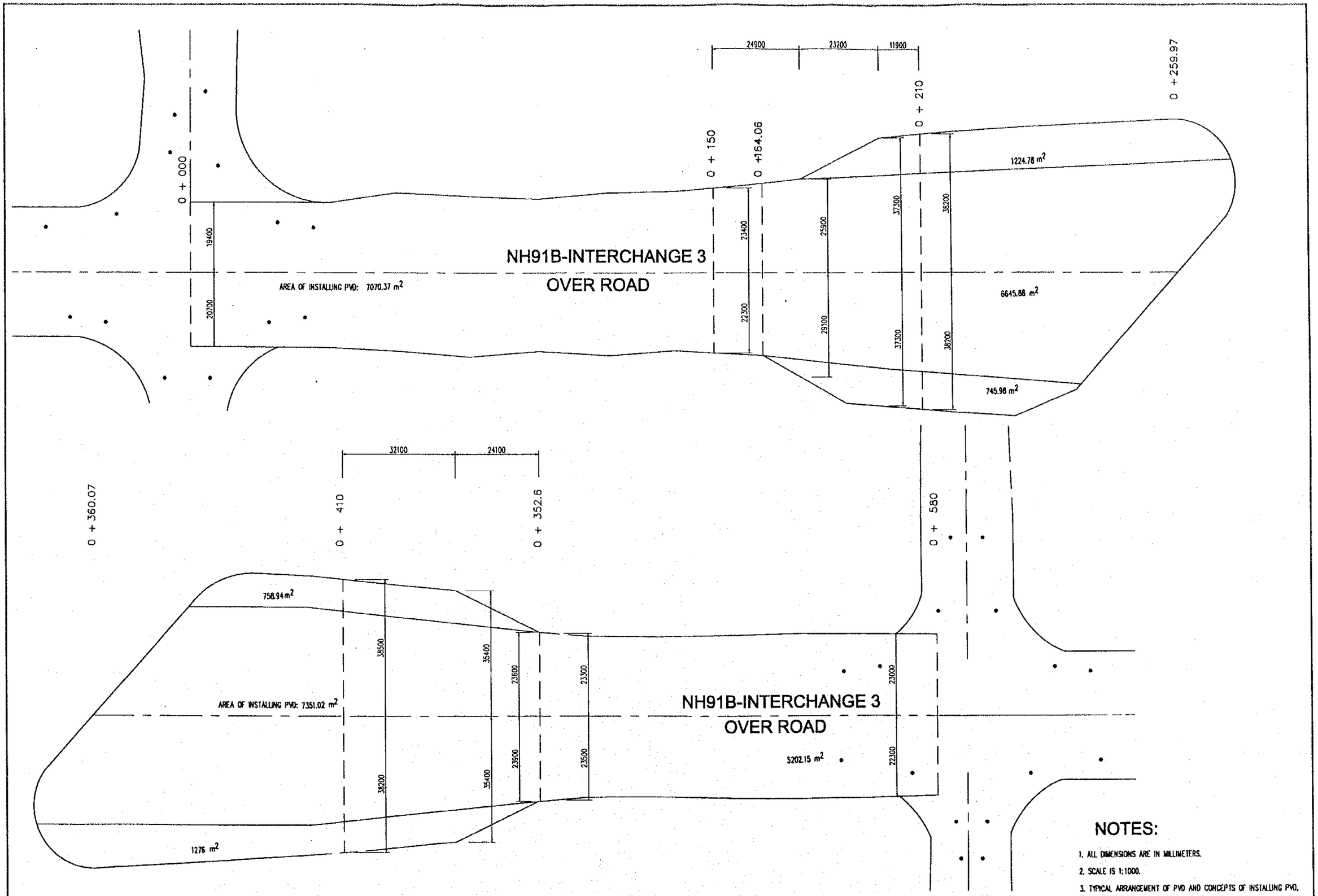
PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM		PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	NIPPON KOEI CO.,LTD.	NAME	K. Nemoto	K. Nakai	K. Enomoto	PLAN OF PVD (5/8)	P3/SGT/0190
				SIGNATURE	K. Nemoto				
				DATE	20/9/2000	29/9/2000	5/10/2000		



NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS.
2. SCALE IS 1:1000.
3. TYPICAL ARRANGEMENT OF PVD AND CONCEPTS OF INSTALLING PVD, SEE DWG. NO. P3/SGT/0150.

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	K. Enomoto	PLAN OF PVD (6/8)	P3/SGT/0200
				SIGNATURE	K. Nemoto				
				DATE	20/9/2000	29/9/2000	5/10/2000		



NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS.
2. SCALE IS 1:1000.
3. TYPICAL ARRANGEMENT OF PVD AND CONCEPTS OF INSTALLING PVD, SEE DWG. NO. P3/SGT/0150.

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	K. Enomoto	PLAN OF PVD (7/8)	P3/SGT/0210
				SIGNATURE	K. Nemoto				
				DATE	20/9/2000	29/9/2000	5/10/2000		

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