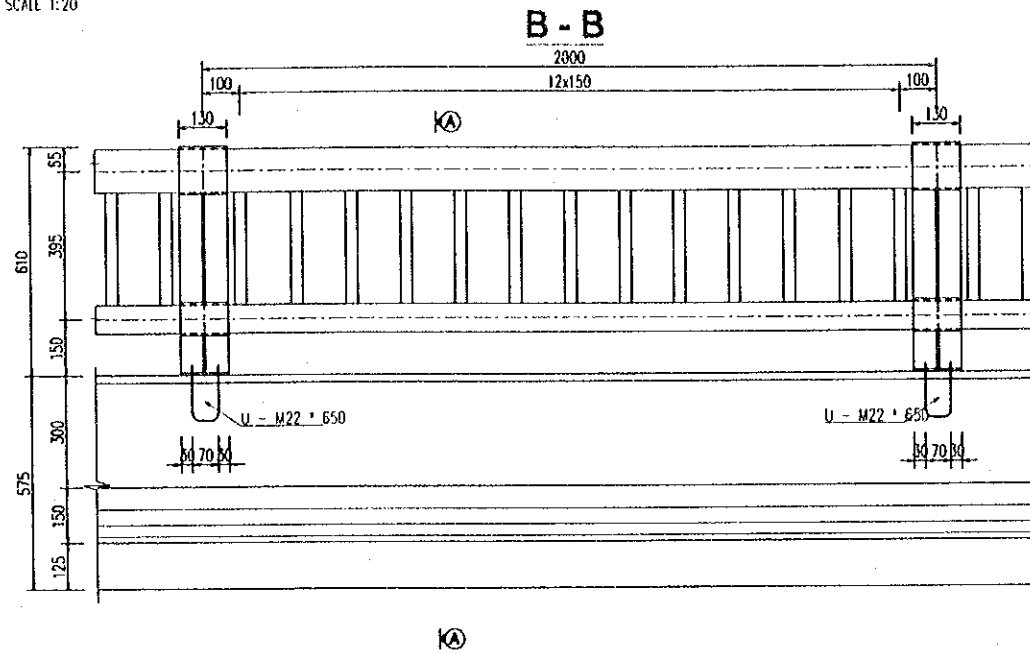
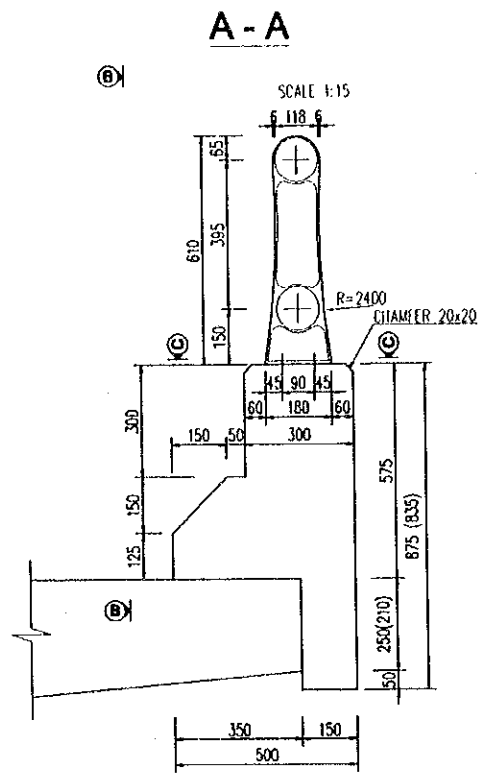


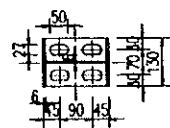
VI. MISCELLANEOUS

DETAIL OF PARAPET AND RAILING

SCALE 1:20



C - C

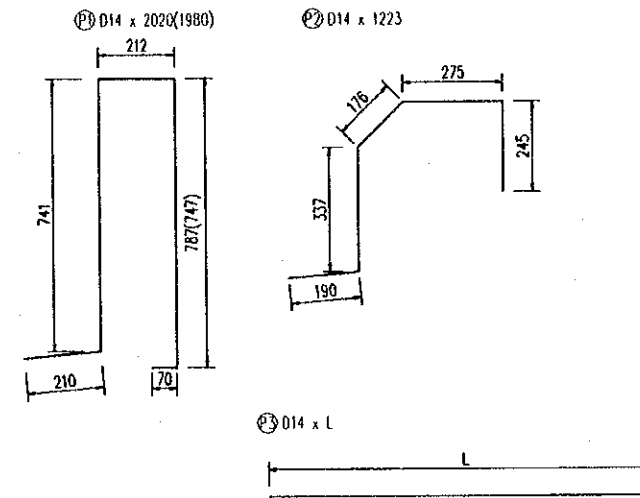
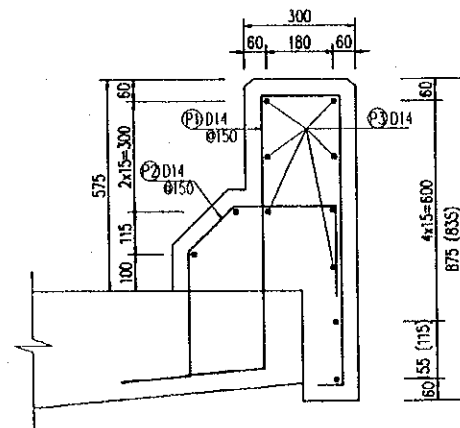


NOTES:

1. FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO. P3/BR7/0030.
2. THE VALUES INSIDE "()" ARE FOR APPROACH BRIDGE.
3. UNLESS OTHERWISE NOTED, ALL STRUCTURAL STEEL SHALL BE HOT DIPPED GALVANISED FOLLOWED BY SPECIFICATION PAINT PROTECTION SYSTEM.

REINFORCEMENT OF PARAPET

SCALE 1:20



QUANTITY OF RAILING (PER 10M LONG)

ITEM	SIZE	MATERIAL	UNIT WEIGHT	QUANTITY	UNIT	WEIGHT(KG)	REMARK
POST	610*180*130	FCD-450	18.1	5	EACH	90.5	GALVANIZING
UPPER RAIL	114.3*3.51	SIK-400	19.5	10	M	195.0	
BOTTOM RAIL	76.3*2.51	SIK-400	5.77	10	M	57.7	
CONNECTION	490*300	SIK-400	2.13	1.67	EACH	3.6	
	67.5*300	SIK-400	1.4	1.67	EACH	2.3	
ANCHOR BOLT	M22. 650	SS-400	2.9	20	EACH	58.0	
VERTICAL MEMBER	FB6*32*300	SS-400	2.09	65	EACH	135.85	

LIST OF REINFORCEMENT OF PARAPET (PER 10M LONG)

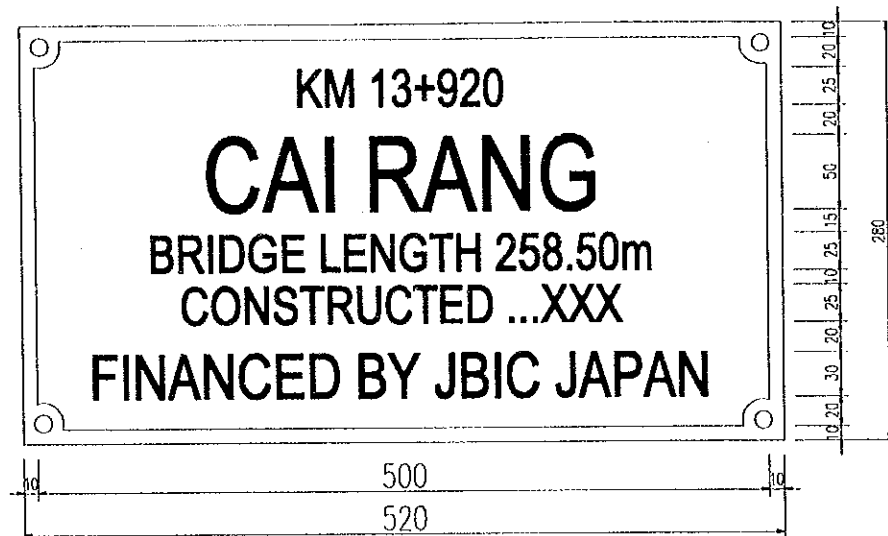
NAME	DIAMETER (mm)	LENGTH (mm)	NUMBER	U. WEIGHT (kg/m)	WEIGHT (kg)
P1	14	2020(1980)	68	1,208	165.9(162.7)
P2	14	1223	68	1,208	100.5
P3	14	10000	11	1,208	132.9
D14 CONCRETE				399.3(396.3)	(kg)
				2.65(2.55)	m3

PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM	PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	(NK) NIPPON KORI CO.,LTD.	T. Kametani	K. Matsumoto	K. Enomoto	CAI RANG BRIDGE MISCELLANEOUS PARAPET AND RAILING DETAILS	P3/BR7/1060
				NAME	T. Kametani	K. Matsumoto		
				SIGNATURE	<i>T. Kametani</i>	<i>K. Matsumoto</i>		
				DATE	20/9/2000	29/9/2000	5/10/2000	

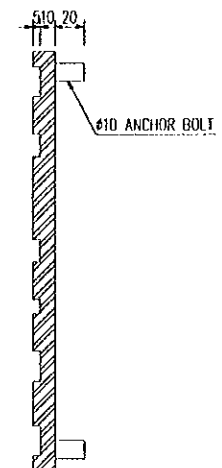
DETAIL OF BRIDGE NAME PLAQUE

SCALE 1:5

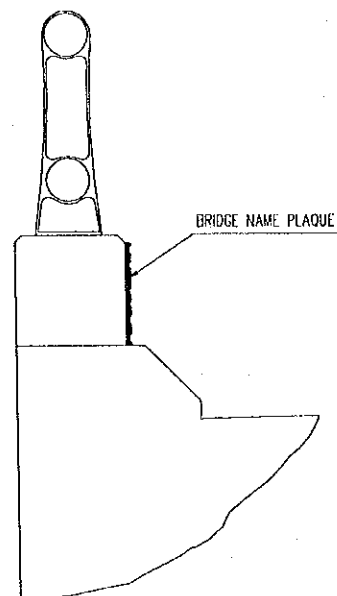
DETAIL 1



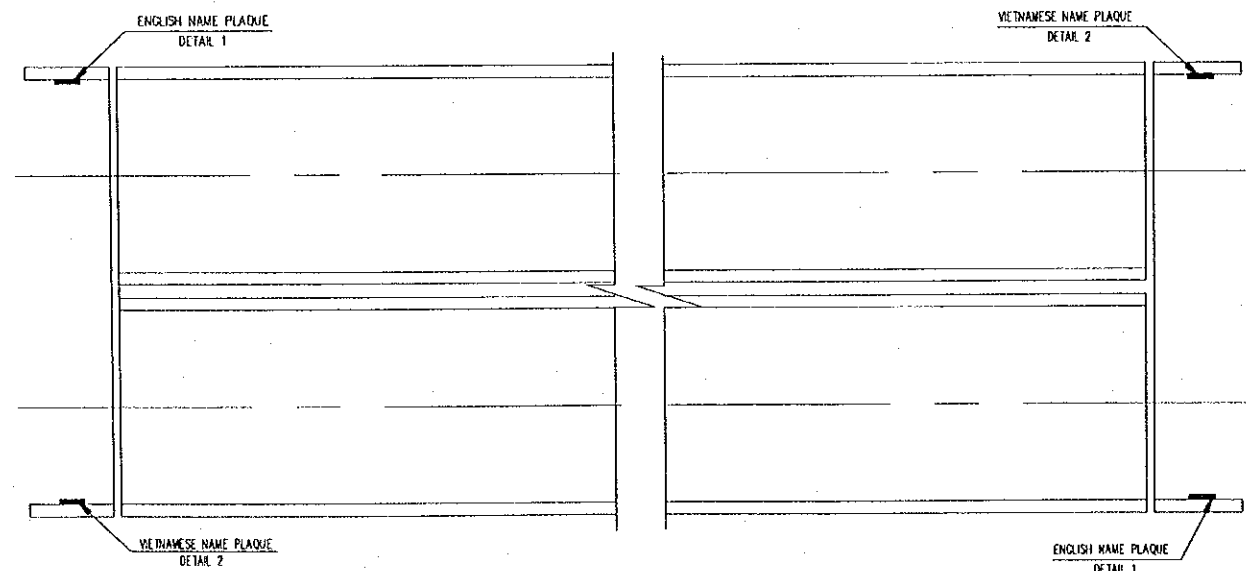
DETAIL 2



LOCATION OF NAME PLAQUE



PLAN



A1
ABUTMENT

A2
ABUTMENT

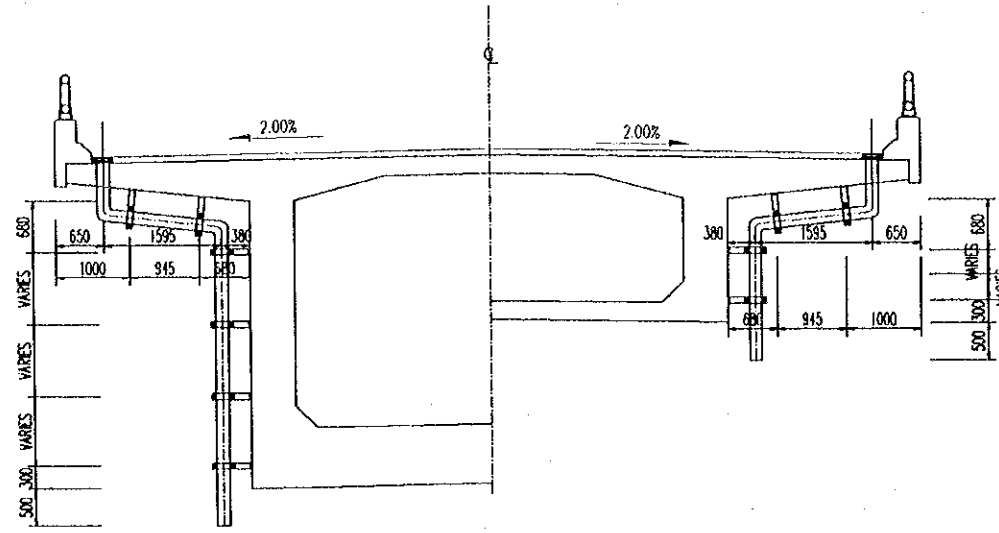
NOTES

1. FOR STANDARD STRUCTURE NOTES SEE DRAWING No. P3/BR7/0030
2. MATERIAL SHALL BE BRONZE.
3. THE DATE TO BE ENTERED AGAINST CONSTRUCTED SHALL BE AS INSTRUCTED BY THE ENGINEER.
4. ONE PLATE SHALL BE WRITTEN IN ENGLISH AND ONE IN VIETNAMESE.
THE EXACT FIXING LOCATIONS TO BE INSTRUCTED BY THE ENGINEER.

PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM	PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	(NK) NIPPON KOEI CO.,LTD.	T. Kametani	K. Matsumoto	K. Enomoto	CAI RANG BRIDGE MISCELLANEOUS BRIDGE NAME PLAQUE	P3/BR7/1070
				DATE 20/9/2000	DATE 29/9/2000	DATE 5/10/2000		

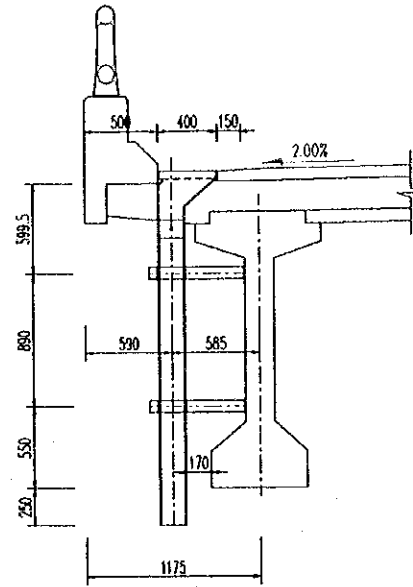
DRAINAGE TYPE A

SCALE 1:100



DRAINAGE TYPE B

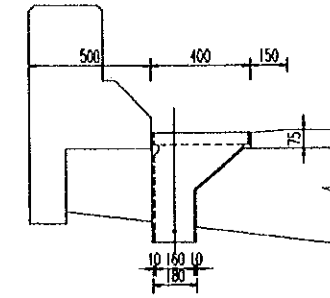
SCALE 1:100



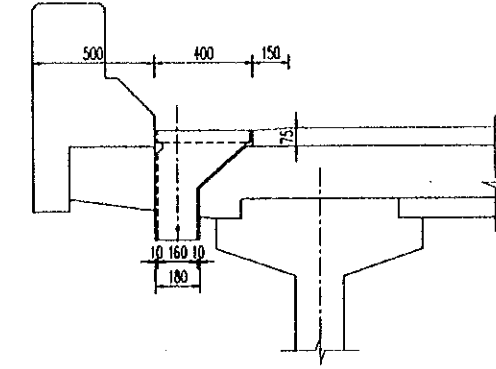
LOCATION OF DRAIN

SCALE 1:30

MAIN BRIDGE

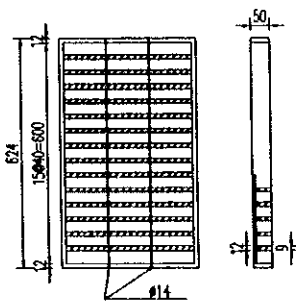


APPROACH BRIDGE



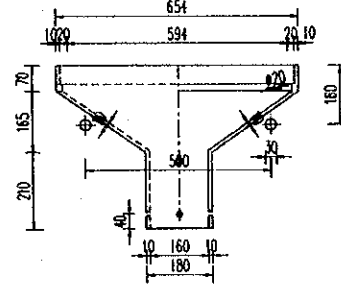
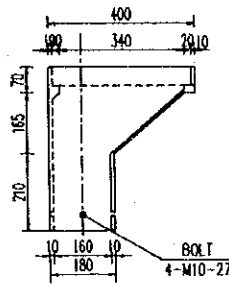
SCREEN

SCALE 1:20



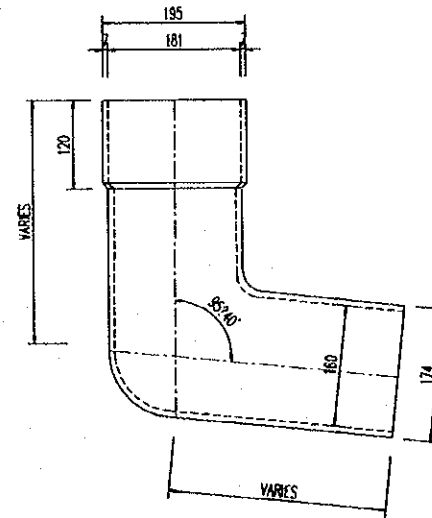
DRAIN BOX

SCALE 1:20



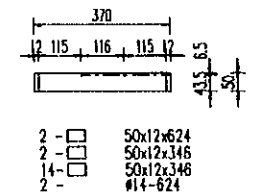
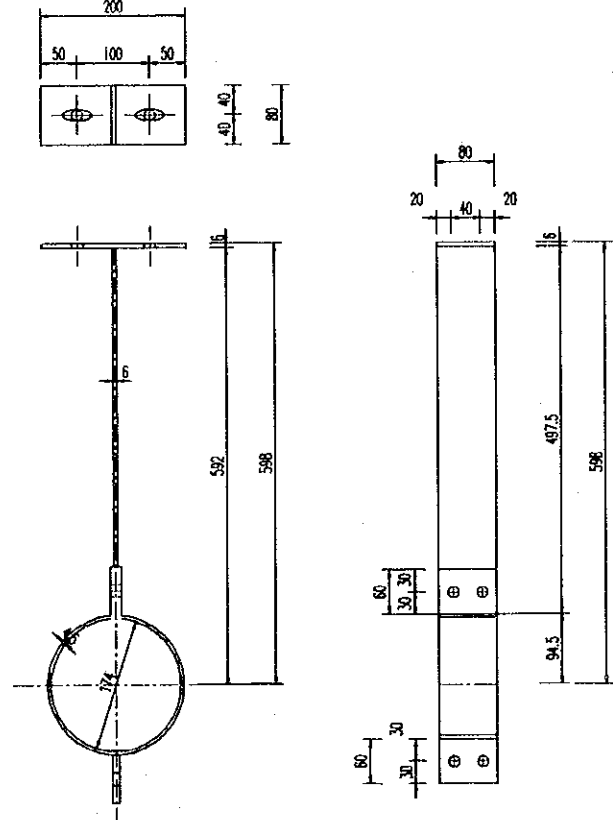
BEND PIPE

SCALE 1:10

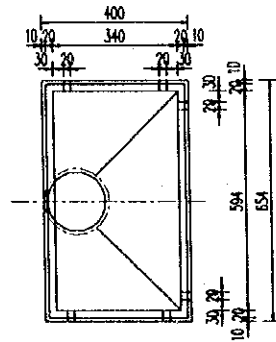


HANGER

(SCALE 1:10)

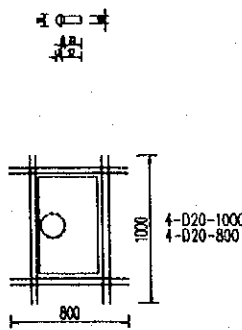


- 2 - 50x12x624
- 2 - 50x12x346
- 14 - 50x12x346
- 2 - #14-624



BOLT

SCALE 1:10



NOTES:

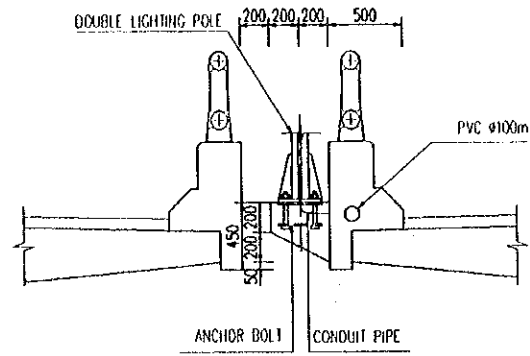
1. FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO P3/BR7/0030

PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM	PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	(NK) NIPPON KOEI CO.,LTD.	T. Kametani	K. Matsumoto	K. Enomoto	CAI RANG BRIDGE MISCELLANEOUS DRAINAGE DETAILS	P3/BR7/1090
				NAME	DATE	DATE		
				20/9/2000	29/9/2000	5/10/2000		

DETAILS OF LIGHTING POLES' BASE

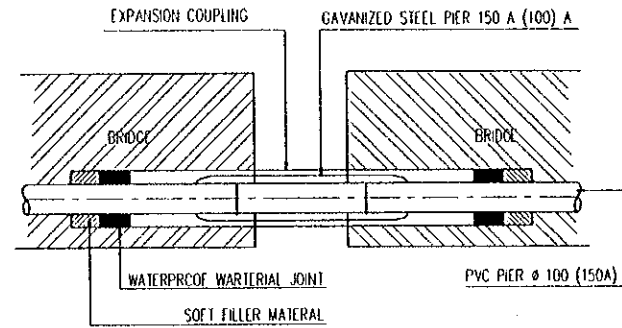
CROSS SECTION

(SCALE : 1:50)



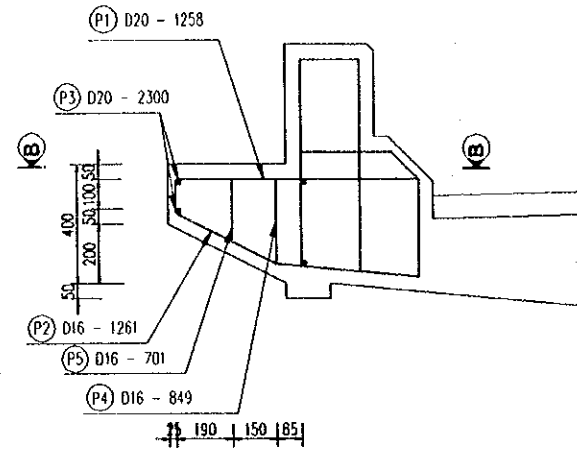
CONDUIT EXPANSION JOINT FOR BRIDGE

(SCALE 1:25)



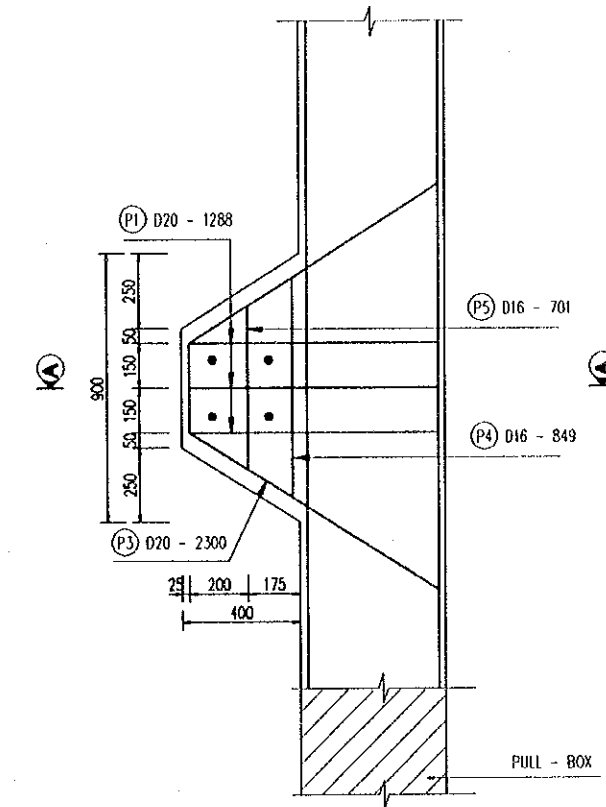
SECTION A-A

(SCALE 1:25)



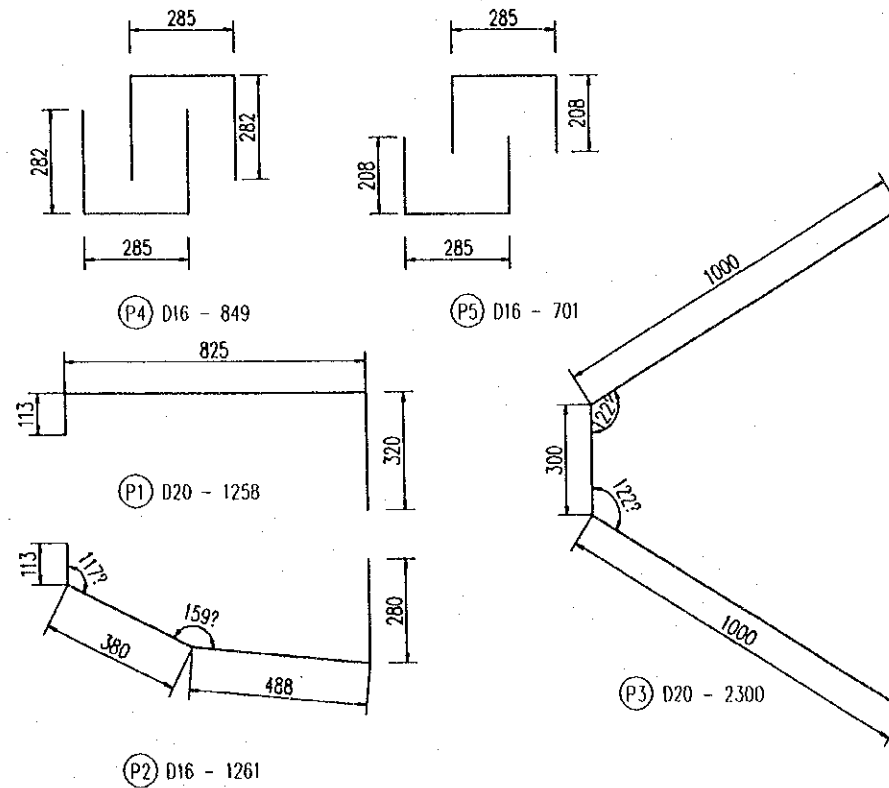
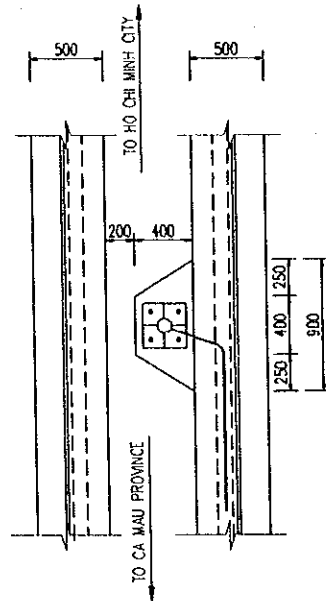
SECTION B-B

(SCALE 1:25)



PLAN

(SCALE : 1:50)



LIST OF REINFORCEMENT

REIN NO	DIAMETER (mm)	LENGTH (mm)	U.WEIGHT (kg/m)	NUMBER	WEIGHT (Kg)
P1	D 20	1258	2.466	3	9.31
P2	D 16	1261	1.578	3	5.97
P3	D 20	2300	2.466	2	11.34
P4	D 16	849	1.578	2	2.68
P5	D 16	701	1.578	2	2.21
TOTAL :			STEEL TOTAL :		
			D16		10.86 kg
			D20		20.65 kg
			CONCRETE		0.078 m ³




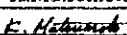

NOTES

- FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO P3/BR7/0030.
- ANCHOR BOLTS AND CONDUIT PIPES SHALL BE PLACED PRIOR TO CASTING CONCRETE
- DETAILS OF PULL-BOX SHALL BE SHOWN IN THE SHOP DRAWING TO BE SUBMITTED FOR THE ENGINEER'S APPROVAL

PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM	PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	(NK) NIPPON KOEI CO.,LTD.	NAME: T. Karactani SIGNATURE: [Signature] DATE: 20/9/2000	NAME: K. Matsumoto SIGNATURE: [Signature] DATE: 29/9/2000	NAME: K. Enomoto SIGNATURE: [Signature] DATE: 5/10/2000	CAI RANG BRIDGE MISCELLANEOUS LIGHTING POLES' BASE DETAILS	P3/BR7/1100

QUANTITY TABLE OF MISCELLANEOUS WORKS

ITEM		WORK ITEM	UNIT	QUANTITY	REMARKS
CONCRETE CLASS E		LIGHTING - BASE	M3	0.5	
		RAILING	M3	263.9	
		TOTAL	M3	264.5	
RE-BAR		LIGHTING - BASE	TON	0.2	
		RAILING	TON	41.3	
		TOTAL	TON	41.5	
DRAINAGE	POT		SET	35.0	
	PIPE φ 180		M	58.5	
STEEL RAILING			M	1057.0	



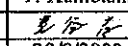
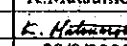
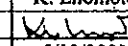
PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM	PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	 JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	 NIPPON KOBEL CO.,LTD.	NAME: T. Kametani SIGNATURE:  DATE: 20/9/2000	NAME: K. Matsumoto SIGNATURE:  DATE: 29/9/2000	NAME: K. Enomoto SIGNATURE:  DATE: 5/10/2000	CAI RANG BRIDGE MISCELLANEOUS QUANTITY TABLE OF MISCELLANEOUS	P3/BR7/1110

**P3/BR8 INTERCHANGE WITH
NH.91B OVERBRIDGE**

I. GENERAL



DRAWING LIST OF INTERCHANGE 3 FLYOVER BRIDGE

No.	Code	Drawing Name
I		GENERAL
1	P3/BR8/0010	DRAWING LIST
2	P3/BR8/0020	ABBREVIATIONS AND SYMBOLS
3	P3/BR8/0030	STRUCTURAL NOTES
4	P3/BR8/0040	LOCATION MAP
5	P3/BR8/0050	COORDINATES OF BRIDGE
6	P3/BR8/0060	GENERAL VIEW - SHEET 1
7	P3/BR8/0070	GENERAL VIEW - SHEET 2
8	P3/BR8/0080	QUANTITY TABLE OF BRIDGE
II		SUPERSTRUCTURE
9	P3/BR8/0090	GENERAL VIEW OF HOLLOW SLAB - SHEET 1
10	P3/BR8/0100	GENERAL VIEW OF HOLLOW SLAB - SHEET 2
11	P3/BR8/0110	CONSTRUCTION SEQUENCE
12	P3/BR8/0120	TENDON ARRANGEMENT OF HOLLOW SLAB - SHEET 1
13	P3/BR8/0130	TENDON ARRANGEMENT OF HOLLOW SLAB - SHEET 2
14	P3/BR8/0140	TENDON ARRANGEMENT OF HOLLOW SLAB - SHEET 3
15	P3/BR8/0150	TENDON ARRANGEMENT OF HOLLOW SLAB - SHEET 4
16	P3/BR8/0160	TENDON ARRANGEMENT OF HOLLOW SLAB - SHEET 5
17	P3/BR8/0170	TENDON ARRANGEMENT OF HOLLOW SLAB - SHEET 6
18	P3/BR8/0180	TENDON ARRANGEMENT OF HOLLOW SLAB - SHEET 7
19	P3/BR8/0190	TENDON ARRANGEMENT OF HOLLOW SLAB - SHEET 8
20	P3/BR8/0200	TENDON ARRANGEMENT OF HOLLOW SLAB - SHEET 9
21	P3/BR8/0210	REINFORCED ARRANGEMENT OF HOLLOW SLAB - SHEET 1
22	P3/BR8/0220	REINFORCED ARRANGEMENT OF HOLLOW SLAB - SHEET 2
23	P3/BR8/0230	REINFORCED ARRANGEMENT OF HOLLOW SLAB - SHEET 3
24	P3/BR8/0240	REINFORCED ARRANGEMENT OF HOLLOW SLAB - SHEET 4
25	P3/BR8/0250	REINFORCED ARRANGEMENT OF HOLLOW SLAB - SHEET 5
26	P3/BR8/0260	REINFORCED ARRANGEMENT OF HOLLOW SLAB - SHEET 6
27	P3/BR8/0270	REINFORCED ARRANGEMENT OF HOLLOW SLAB - SHEET 7
28	P3/BR8/0280	REINFORCED ARRANGEMENT OF HOLLOW SLAB - SHEET 8
29	P3/BR8/0290	REINFORCED ARRANGEMENT OF HOLLOW SLAB - SHEET 9
30	P3/BR8/0300	REINFORCED ARRANGEMENT OF HOLLOW SLAB - SHEET 10
31	P3/BR8/0310	REINFORCED ARRANGEMENT OF HOLLOW SLAB - SHEET 11
32	P3/BR8/0320	EXPANSION JOINT DETAILS AT ABUTMENT A1 & A2
33	P3/BR8/0330	BEARING DETAILS AT ABUTMENT A1 & A2
34	P3/BR8/0340	BEARING DETAILS AT PIER P2
35	P3/BR8/0350	QUANTITY TABLE OF SUPERSTRUCTURE
III		ABUTMENTS
36	P3/BR8/0360	ABUTMENT A1& A2 - GENERAL VIEW-SHEET 1
37	P3/BR8/0361	ABUTMENT A1& A2 - GENERAL VIEW-SHEET 2
38	P3/BR8/0370	ABUTMENT A1& A2 - BORED PILE DETAILS L=57m
39	P3/BR8/0380	ABUTMENT A1 & A2 - REINFORCEMENT - SHEET 1
40	P3/BR8/0390	ABUTMENT A1 & A2 - REINFORCEMENT - SHEET 2
41	P3/BR8/0400	ABUTMENT A1 & A2 - REINFORCEMENT - SHEET 3
42	P3/BR8/0410	ABUTMENT A1 & A2 - REINFORCEMENT - SHEET 4
43	P3/BR8/0411	ABUTMENT A1 & A2 - REINFORCEMENT - SHEET 5
44	P3/BR8/0412	ABUTMENT A1 & A2 - REINFORCEMENT - SHEET 6
45	P3/BR8/0420	ABUTMENT A1 & A2 - EARTHWORK SLOPE PROTECTION
46	P3/BR8/0430	DETAILS OF APPROACH SLAB
47	P3/BR8/0440	QUANTITY TABLE OF ABUTMENTS
IV		PIERS
48	P3/BR8/0450	PIER 1 & PIER 3 - GENERAL VIEW
49	P3/BR8/0460	PIER 2 - GENERAL VIEW - SHEET 1
50	P3/BR8/0470	PIER 2 - GENERAL VIEW - SHEET 2
51	P3/BR8/0480	PIER 1, PIER 2 & PIER 3 - BORED PILE DETAILS L=57m
52	P3/BR8/0490	PIER 1 & PIER 3 - REINFORCEMENT - SHEET 1
53	P3/BR8/0500	PIER 1 & PIER 3 - REINFORCEMENT - SHEET 2
54	P3/BR8/0510	PIER 1 & PIER 3 - REINFORCEMENT - SHEET 3
55	P3/BR8/0511	PIER 1 & PIER 3 - REINFORCEMENT - SHEET 4
56	P3/BR8/0520	PIER 2 - REINFORCEMENT - SHEET 1
57	P3/BR8/0530	PIER 2 - REINFORCEMENT - SHEET 2
58	P3/BR8/0540	PIER 2 - REINFORCEMENT - SHEET 3
59	P3/BR8/0550	QUANTITY TABLE OF PIERS
V		MISCELLANEOUS
60	P3/BR8/0560	PARAPET AND RAILING DETAILS - SHEET 1
61	P3/BR8/0570	PARAPET AND RAILING DETAILS - SHEET 2
62	P3/BR8/0580	BRIDGE NAME PLAQUE
63	P3/BR8/0590	DRAINAGE AND LIGHTING POLE LAYOUT
64	P3/BR8/0600	DRAINAGE DETAILS
65	P3/BR8/0610	BASE DETAILS OF LIGHTING POLES
66	P3/BR8/0620	QUANTITY TABLE OF MISCELLANEOUS WORKS

PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM	PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	 JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	 NIPPON KOEI CO.,LTD.	NAME: T. Kametani SIGNATURE:  DATE: 20/9/2000	K. Matsumoto  29/9/2000	K. Enomoto  5/10/2000	INTERCHANGE 3 FLYOVER BRIDGE GENERAL DRAWING LIST	P3/BR8/0010

ABBREVIATIONS AND SYMBOLS

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

PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM	PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.	
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	 JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	 NIPPON KOEI CO.,LTD.	NAME	T. Kametani	K. Matsumoto	K. Enomoto	INTERCHANGE 3 FLYOVER BRIDGE GENERAL ABBREVIATIONS AND SYMBOLS	P3/BR8/0020
				SIGNATURE	<i>T. Kametani</i>	<i>K. Matsumoto</i>	<i>K. Enomoto</i>		
				DATE	20/9/2000	29/9/2000	5/10/2000		

STRUCTURAL NOTES

1. GENERAL

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

2. DESIGN CRITERIA & LOADS

- 2.1. DESIGN STANDARDS:
 - AASHTO 1998 -- LRFD BRIDGE DESIGN SPECIFICATIONS
 - AASHTO GUIDE SPECIFICATIONS FOR DESIGN AND CONSTRUCTION OF SEGMENTAL CONCRETE BRIDGES
 - JAPANESE HIGHWAY AND BRIDGE STANDARDS 1996
 - VIETNAMESE HIGHWAY BRIDGES STANDARDS 1979
- 2.2. DESIGN LOADS:
 - B_LOADING IN ACCORDANCE WITH JAPANESE CODE
 - PEDESTRIAN LOAD : 3.6 kN/M² -- AASHTO LRFD 1998
 - BASIC WIND VELOCITY : 160 KM/H -- AASHTO LRFD 1998
 - LATERAL SEISMIC RESPONSE COEFFICIENT : 0.12
 - VESSEL IMPACT : VIETNAMESE HIGHWAY BRIDGES STANDARDS 1979
 - TEMPERATURE RANGE : 17.7°C TO 36.7°C
 - UNIFORM TEMPERATURE : ±10°C
 - TEMPERATURE DIFFERENTIAL : 5°C

3. CONCRETE

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

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

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

4. REINFORCEMENT

- 4.1. REINFORCEMENT SHALL BE DEFORMED, EXCEPT THAT PLAIN BARS OR PLAIN WIRE MAY BE USED FOR SPIRALS, HOOPS, AND WIRE FABRIC.
- 4.2. REINFORCEMENT SHALL BE SD390 OR EQUIVALENT. PLAIN ROUND BAR WITH $f_y(\min)$ 250 MPa AND HIGH YIELD DEFORMED BARS WITH YIELD STRENGTH NOT LESS THAN $f_y(\min)$ 390 MPa SHALL BE USED.
- 4.3. REINFORCEMENT IS NOTED ON THE DRAWINGS AS FOLLOWS:
- 4.4. ALL REINFORCEMENTS ARE SHOWN AS _____
- 4.5. SPLICES IN ADJACENT BARS SHALL BE STAGGERED EXCEPT WHERE NOTED ON THE DRAWINGS. SPLICES OTHER THAN THOSE SHOWN ON THE DRAWINGS MAY ONLY BE MADE WITH THE ENGINEER'S APPROVAL.
- 4.6. MINIMUM SPLICE LENGTH SHALL BE IN ACCORDANCE WITH AASHTO LRFD 1998.
- 4.7. STANDARD HOOKS AND MINIMUM BEND DIAMETER SHALL BE IN ACCORDANCE WITH AASHTO LRFD 1998.

4. REINFORCEMENT (CONTINUED)

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

5. PRESTRESSING

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

UTILIZATION	NOMINAL DIAMETER (mm)	TENSILE STRENGTH (MPa)	YIELD STRENGTH (MPa)	JACKING FORCE (kN)
INTERNAL CABLE	12S12.7	1860	1674	1653

- 5.2. PRESTRESSED TENDONS SHALL BE FORMED FROM THE STRANDS OF 12.7mm OR 15.2mm DIAMETER MADE BY 7 LOW RELAXATION WIRES GRADE 270 CORRESPONDING WITH ASTM A416M. THE ACTUAL TENDON SIZES AND INITIAL PRESTRESSED FORCE ARE GIVEN ON THE DETAIL DRAWINGS.
- 5.3. PRESTRESSED SYSTEMS TO BE ADOPTED SHALL BE IN ACCORDANCE WITH THE ENGINEER'S APPROVAL.
- 5.4. DUCTS FOR INTERNAL TENDONS SHALL BE SEMI-RIGID GALVANISED SHEATHING UNLESS OTHERWISE NOTED AND SHALL BE RIGIDLY SUPPORTED AT NOT MORE THAN 750mm FROM CENTRES.
- 5.5. THE METHOD TO FIX THE DUCTS AND THE METHOD OF JOINTING AND SEALING OF DUCTS AT CONSTRUCTION JOINTS SHALL BE IN ACCORDANCE WITH THE ENGINEER'S APPROVAL.
- 5.6. TENDON PROFILES ARE SPECIFIED TO THE CENTER OF SHEATHING. THE TENDON ARE TO BE PLACED TO SMOOTH PROFILES PASSING THROUGH THE SPECIFIED POINTS.
- 5.7. EACH TENDON SHALL BE KEPT STRAIGHT FOR A MINIMUM LENGTH OF 1000mm FROM ANCHORAGE FACES.
- 5.8. GROUTING POINTS SHALL BE PROVIDED AT ALL CROWN POINTS, SAG POINTS, ANCHORAGES AND DEVIATORS.

6. WATERPROOF

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

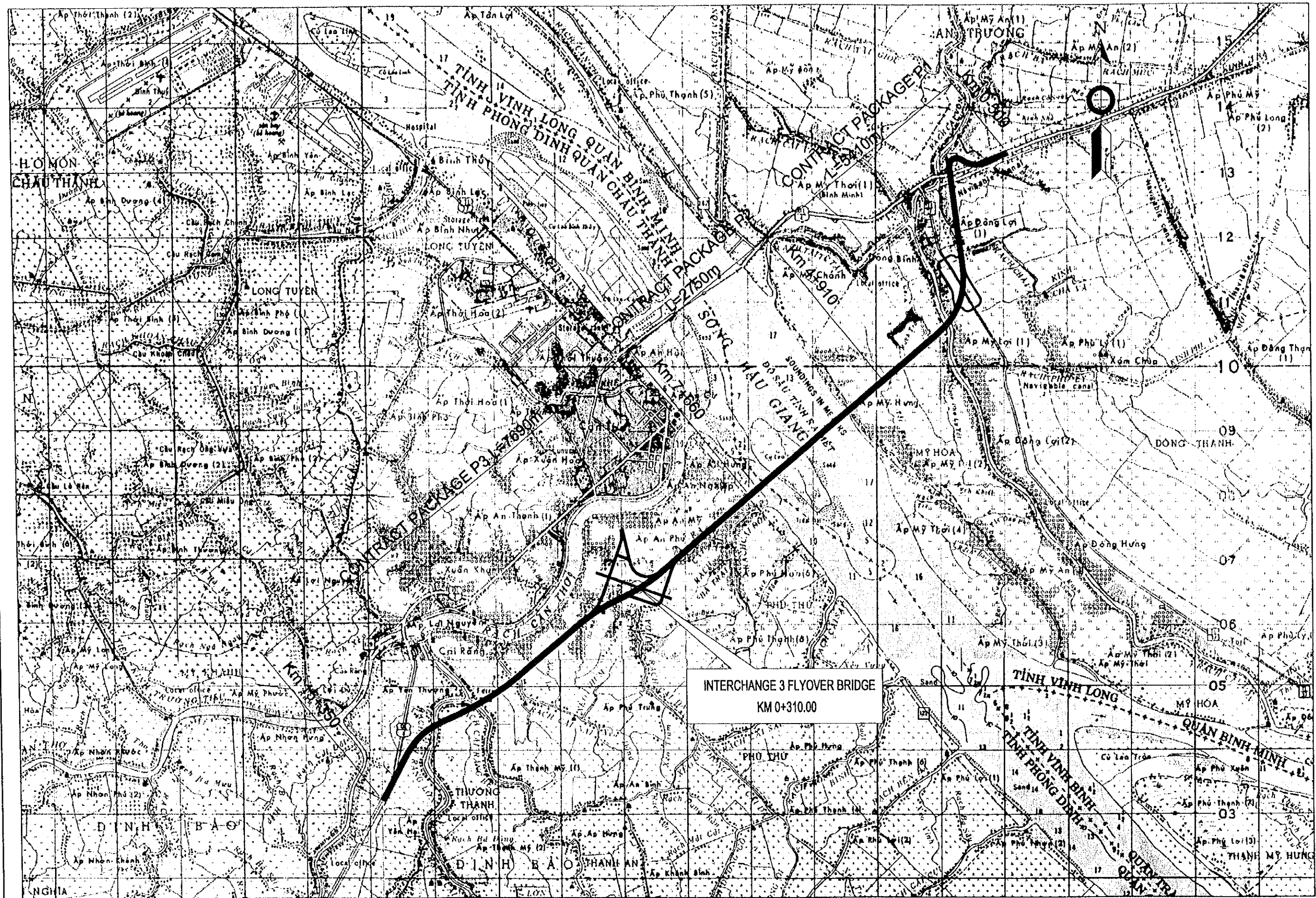
7. SUPERSTRUCTURE

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

COEFFICIENT OF FRICTION PER RADIAN	0.25
WOBBLE FACTOR K - 1/m (FOR INTERNAL ONLY)	0.001
DRAW-IN (BOTH SIDE)	10 mm
RELATIVE HUMIDITY	85%

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

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 VIETNAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	NIPPON KOEI CO.,LTD.	NAME: T. Kametani SIGNATURE: DATE: 20/9/2000	NAME: K. Matsumoto SIGNATURE: DATE: 29/9/2000	NAME: K. Enomoto SIGNATURE: DATE: 5/10/2000	INTERCHANGE 3 FLYOVER BRIDGE GENERAL STRUCTURAL NOTES	P3/BR8/0030

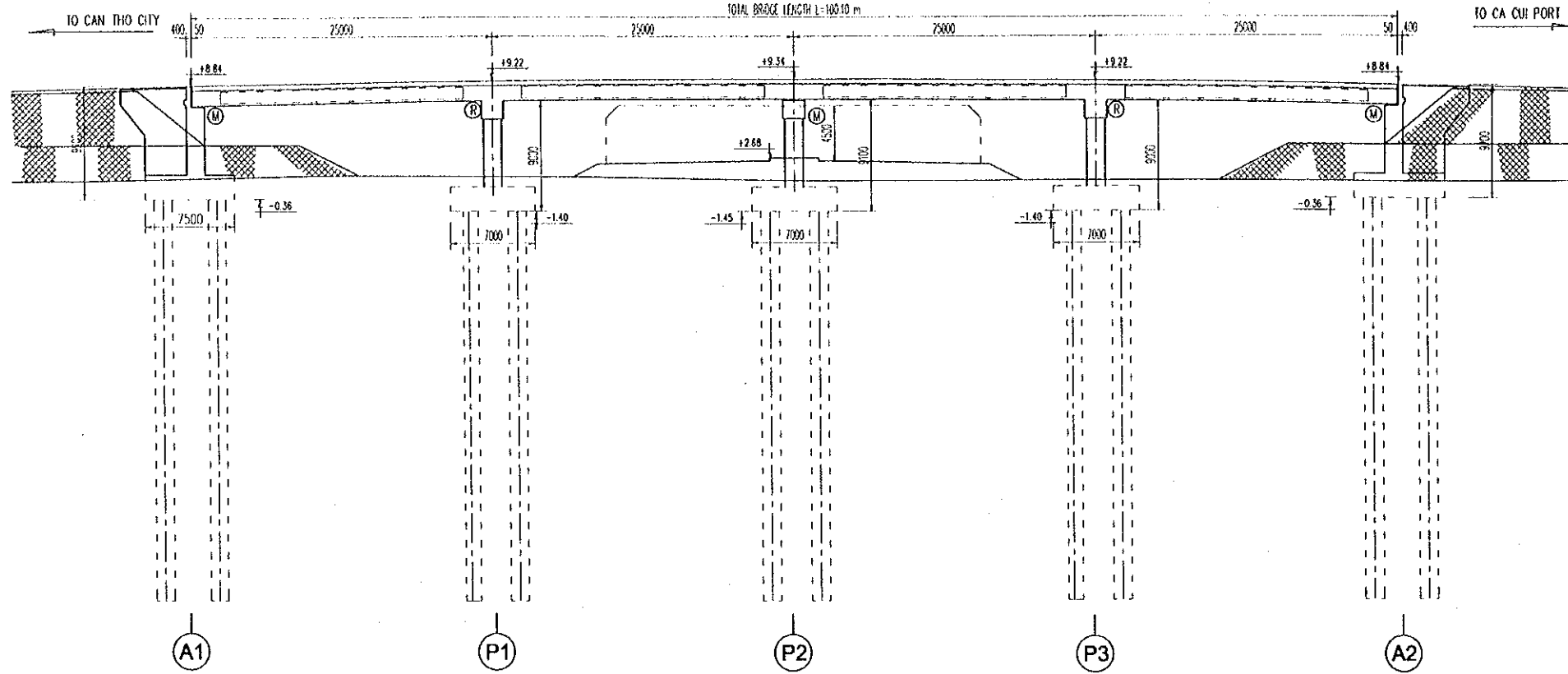


PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM	PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	NIPPON KOBI CO.,LTD.	NAME T. Kametani SIGNATURE DATE 20/9/2000	K. Matsumoto 29/9/2000	K. Enomoto 5/10/2000	INTERCHANGE 3 FLYOVER BRIDGE LOCATION MAP	P3/BR8/0040

PROFILE

(SCALE 1:500)

TOTAL BRIDGE LENGTH L=100.00 m



LIST

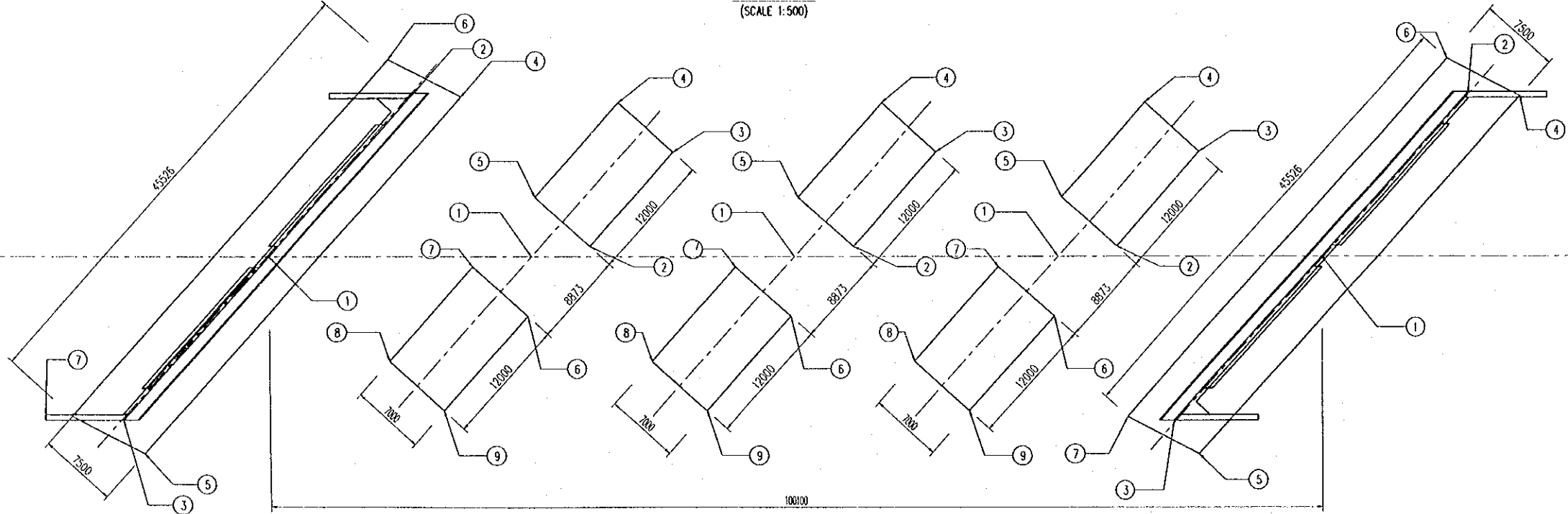
		A1	P1	P2	P3	A2
1	N	1107391.453	1107382.150	1107372.866	1107363.582	1107354.279
	E	585811.479	585834.738	585857.950	585881.162	585904.421
2	N	1107400.653	1107380.974	1107371.689	1107362.405	1107363.479
	E	585830.216	585840.267	585863.479	585886.691	585923.157
3	N	1107382.253	1107386.290	1107377.006	1107367.721	1107345.079
	E	585792.743	585851.025	585874.237	585897.449	585885.684
4	N	1107398.637	1107392.567	1107383.282	1107373.998	1107361.313
	E	585834.279	585847.926	585871.138	585894.350	585927.596
5	N	1107378.572	1107387.250	1107377.966	1107368.682	1107341.248
	E	585793.414	585837.168	585860.380	585883.592	585886.730
6	N	1107404.484	1107377.050	1107367.766	1107358.482	1107367.160
	E	585829.170	585832.308	585855.520	585878.732	585922.486
7	N	1107385.501	1107383.327	1107374.043	1107364.758	1107347.095
	E	585785.970	585829.209	585852.421	585875.634	585881.621
8	N		1107378.011	1107368.726	1107359.442	
	E		585818.451	585841.663	585864.875	
9	N		1107371.734	1107362.450	1107353.165	
	E		585821.550	585844.762	585867.974	

NOTES

1. FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO P3/BR8/0030.

PLAN

(SCALE 1:500)

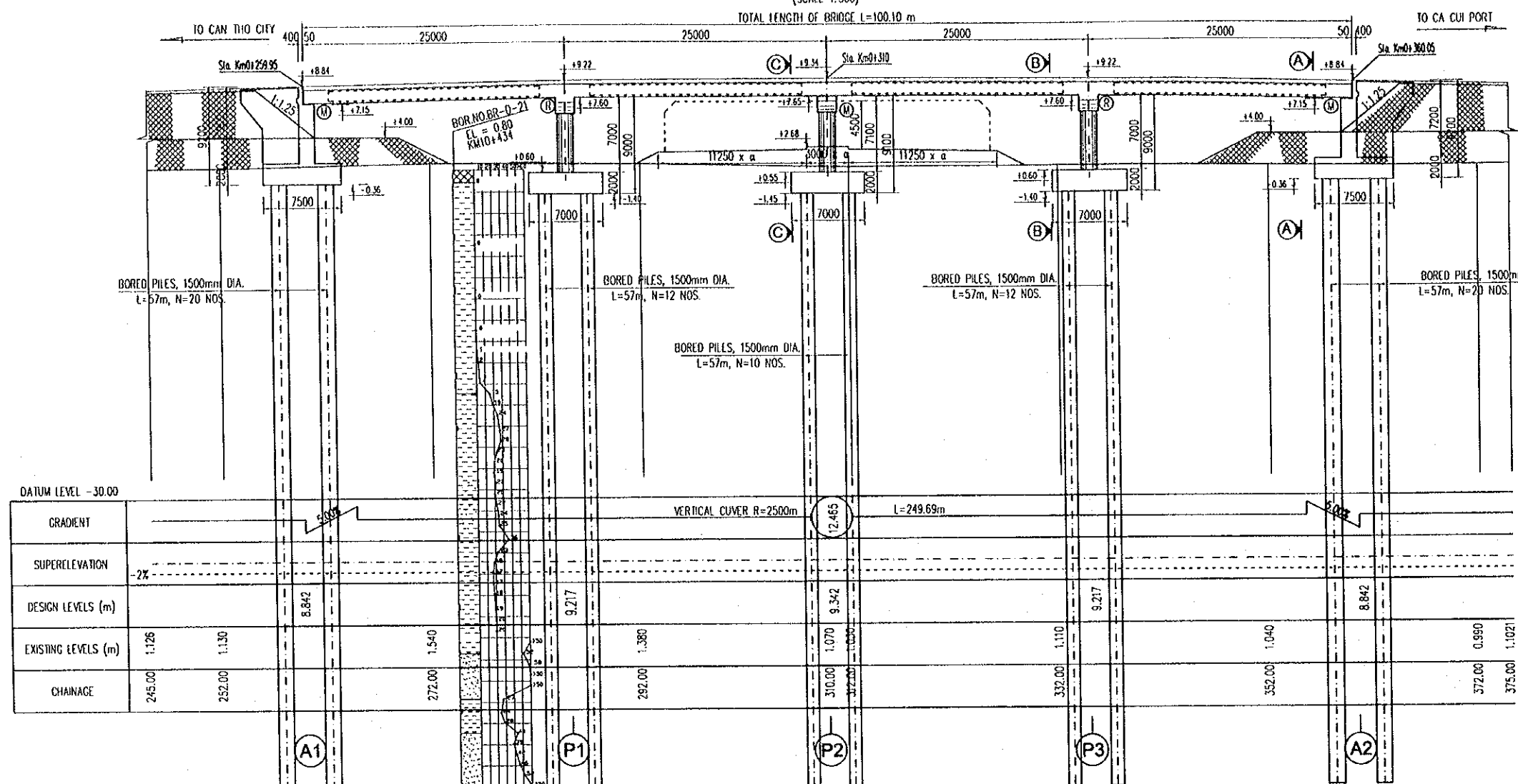


PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM	PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	(NK) NIPPON KOEI CO., LTD.	NAME: T. Kametani SIGNATURE: [Signature] DATE: 20/9/2000	NAME: K. Matsumoto SIGNATURE: [Signature] DATE: 29/9/2000	NAME: K. Enomoto SIGNATURE: [Signature] DATE: 5/10/2000	INTERCHANGE 3 FLYOVER BRIDGE GENERAL COORDINATES OF BRIDGE	P3/BR8/0050

SIDE ELEVATION

(SCALE 1:500)

TOTAL LENGTH OF BRIDGE L=100.10 m



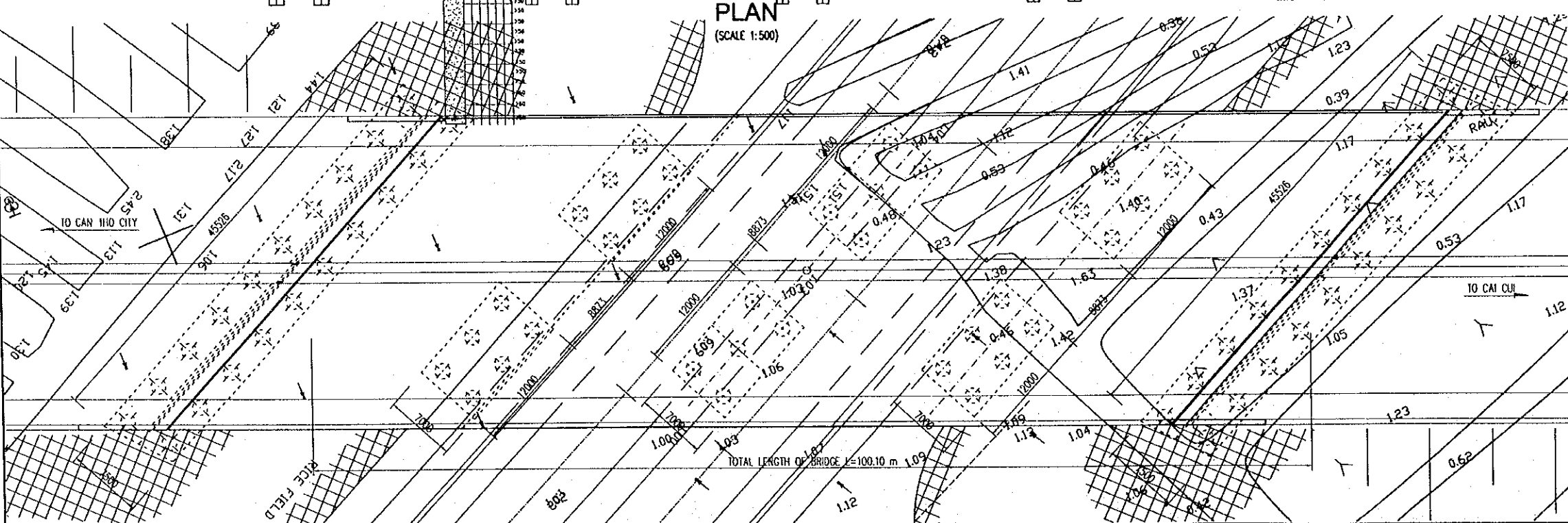
GRADIENT	VERTICAL CURVE R=2500m L=249.69m										
SUPERELEVATION	-2%										
DESIGN LEVELS (m)		8.842		9.217		9.342		9.217		8.842	
EXISTING LEVELS (m)	1.126	1.130	1.540	1.380	1.070	1.030	1.110	1.040	0.990	1.021	
CHAINAGE	245.00	252.00	272.00	292.00	310.00	322.00	332.00	352.00	372.00	375.00	

NOTES

- FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO P3/BR8/0030.
- ELEVATIONS ARE IN METERS IN REFERENCE TO THE NATIONAL DATUM LEVEL.
- SYMBOL:
 - Ⓜ - MOVABLE BEARING
 - Ⓟ - RIGID

PLAN

(SCALE 1:500)

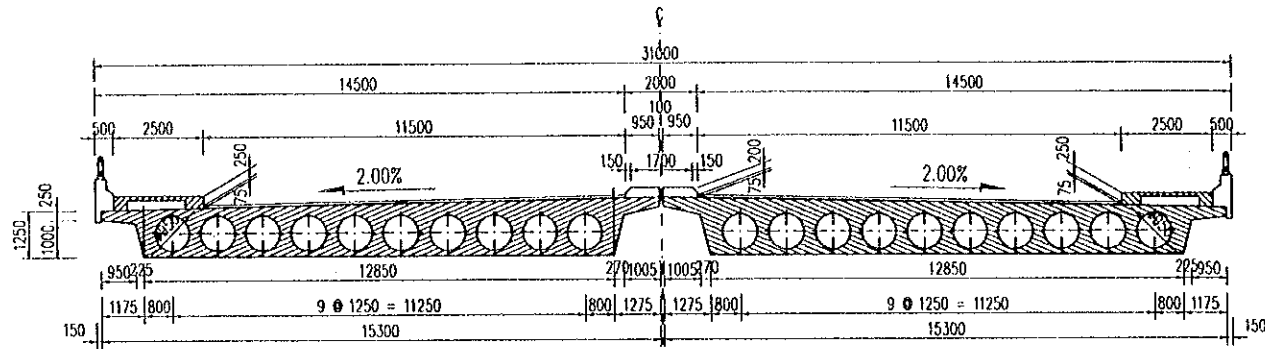


PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM	PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	NK NIPPON KOEI CO.,LTD.	T. Kametani	K. Matsumoto	K. Enomoto	INTERCHANGE 3 FLYOVER BRIDGE GENERAL GENERAL VIEW - SHEET 1	P3/BR8/0060
				NAME: T. Kametani SIGNATURE: [Signature] DATE: 20/9/2000	NAME: K. Matsumoto SIGNATURE: [Signature] DATE: 29/9/2000	NAME: K. Enomoto SIGNATURE: [Signature] DATE: 5/10/2000		

TYPICAL SECTIONS SUPERSTRUCTURE

(SCALE 1:200)

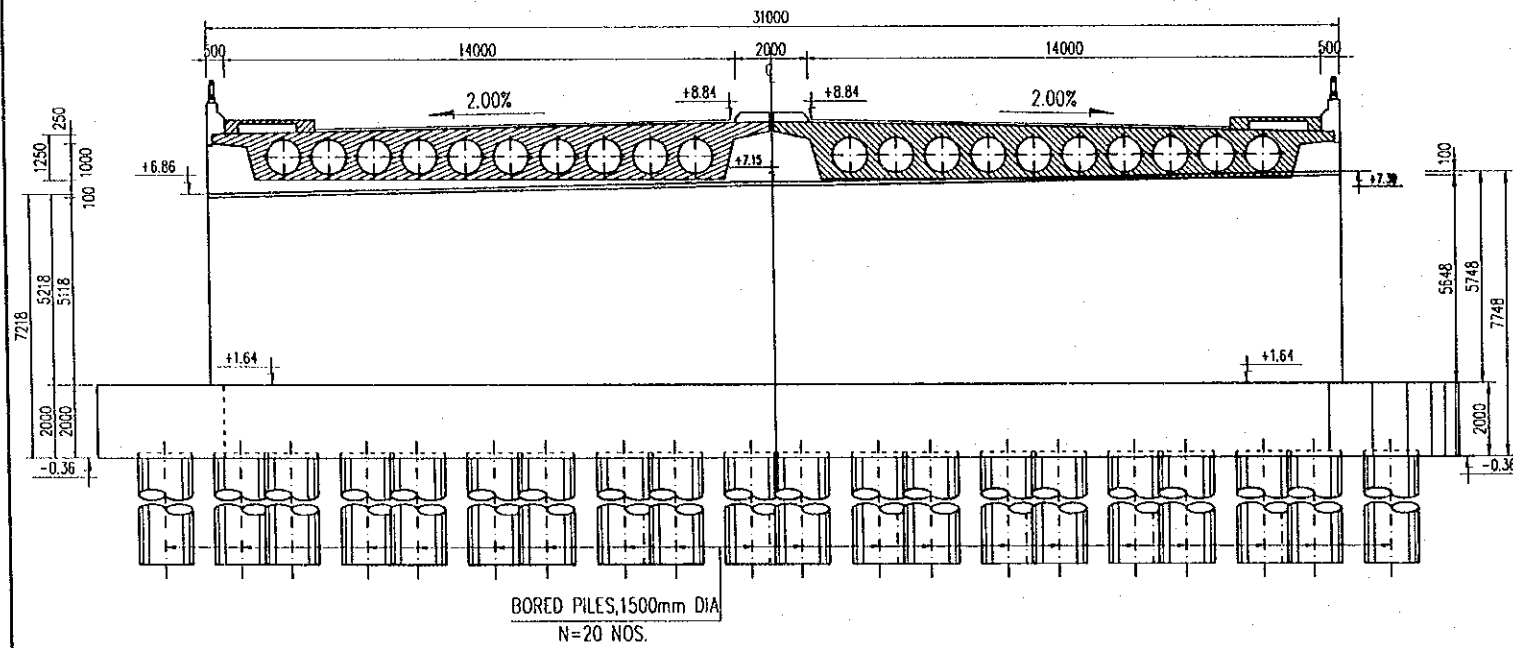
AT ABUTMENT A1 & A2, PIER P1, P2 & P3



CROSS SECTIONS

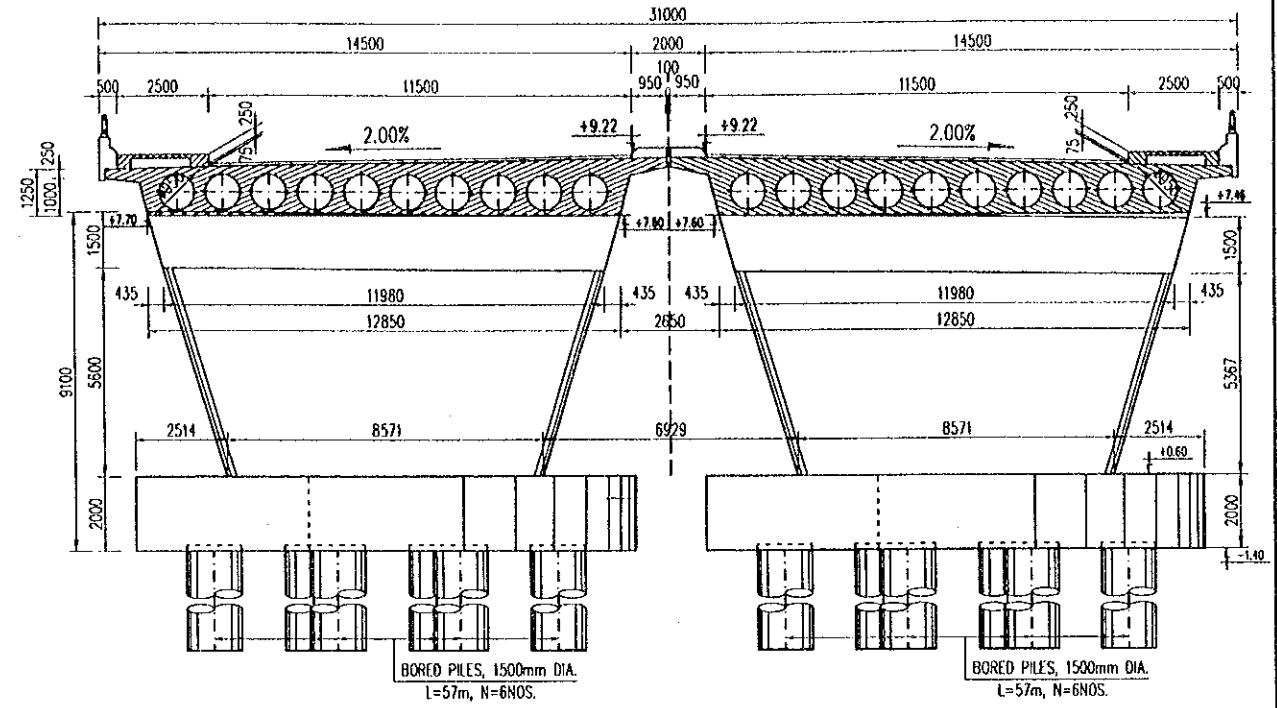
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A - A (ABUTMENT A2)



BORED PILES, 1500mm DIA
N=20 NOS.

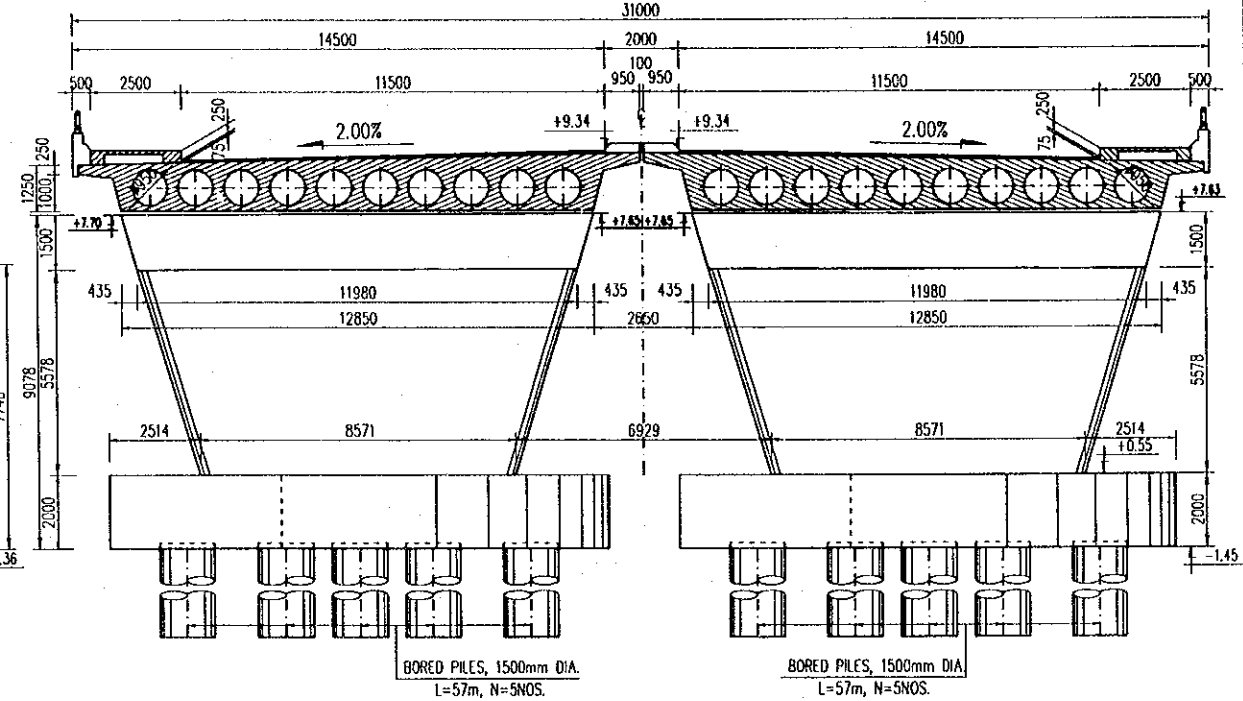
B - B (PIER P3)



BORED PILES, 1500mm DIA.
L=57m, N=6NOS.

BORED PILES, 1500mm DIA.
L=57m, N=6NOS.

B - B (PIER P2)



BORED PILES, 1500mm DIA.
L=57m, N=5NOS.

BORED PILES, 1500mm DIA.
L=57m, N=5NOS.

NOTES

1. FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO. P3/BR8/0030.

PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM	PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	(NK) NIPPON KOBI CO.,LTD.	NAME: T. Kametani SIGNATURE: [Signature] DATE: 20/9/2000	NAME: K. Matsumoto SIGNATURE: [Signature] DATE: 29/9/2000	NAME: K. Enomoto SIGNATURE: [Signature] DATE: 5/10/2000	INTERCHANGE 3 FLYOVER BRIDGE GENERAL GENERAL VIEW - SHEET 2	P3/BR8/0070

QUANTITY TABLE OF BRIDGE

ITEMS	UNIT	ABUTMENTS	PIERS	SUPERSTRUCTURE	MISCELLANEOUS WORKS				TOTAL
					DRAINAGE	LIGHTING	RAILING	PARAPET SIDE WALK	
CONCRETE	CLASS C	m3			2697				2697
	CLASS D	m3	4036	3428					7464
	CLASS E	m3	2298	1932				224	4455
	CLASS C	m3	90	47					137
PC - STEEL	12 S12.7	m			6608				6608
SHEATHING OF CABLES 12S12.7	φ 65/72mm	m			6608				6608
CEMENT GROUT IN SEATHING		m3			12				12
CABLE ANCHORAGES 12S12.7		set			132				132
	D32	kg	96968						96968
	D28	kg		18737					18737
	D25	kg	174940	189670	22565				387176
	D22	kg	29286	23970					53256
	D20	kg	26695	7774	41390				75859
	D18	kg	1968						1968
	D16	kg	27511	32546	114905				174963
	D14	kg	8358					33241	41599
	D12	kg		6762	56388				63150
	D10	kg	37247	30640					67887
EXPANSION JOINT	50m	m	62						62
BEARING	700x350x52	set	20						20
	800x600x52	set		10					10
ANCHORAGE BAR	φ80 mm	set	16	8					24
PVC PILE	φ50 mm	m	158						158
	φ100 mm	m					100		100
	φ200 mm	m				68			68
RAILING		m					236		236
LIGHTING POLE		set					3		3
DRAINAGE		set				16			16
PAVEMENT	WATERPROOFING	m2			2302				2302
	ASPHALT CONCRETE	m2			2302				2302
GEOTEXTILE		m2	1950						1950
STONE MASONRY		m3	1876						1876
BLINDING AGGREGATE		m3	613						613
BLINDING STONE		m3	127	93					220
FOOTING OF SLOPE PROTECTION		m	366						366
WOODEN PILE, L=3m		m	18934						18934
EXCAVATION GROUND		m3	3375	3759					7134
FILLING GROUND		m3	1379	2593					3972

NOTES

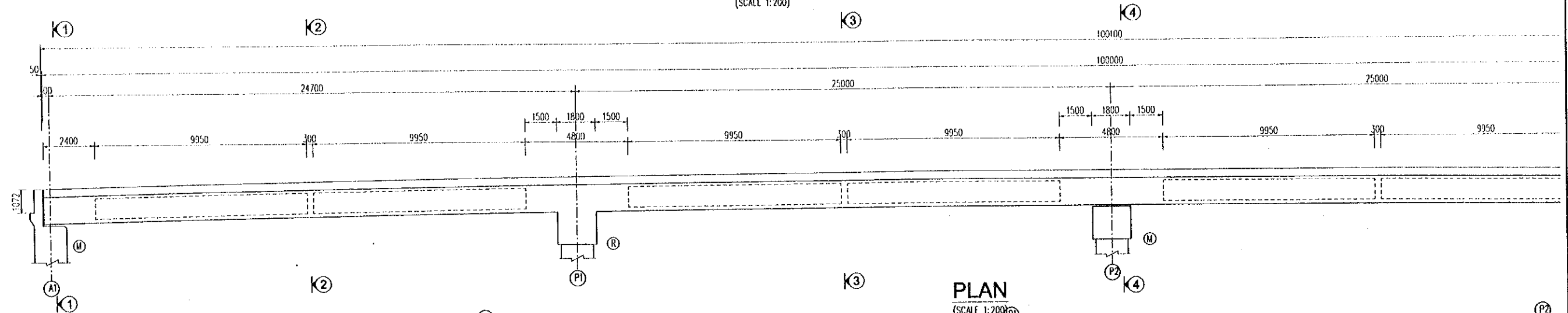
1. FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO P3/BR8/0030.
2. QUANTITY OF PILE CONCRETE IN THE TABLE DOES NOT INCLUDE THE VOLUME OF TRIMMING OUT OF THE PILE HEAD.

PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM	PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	NIPPON KOEI CO.,LTD.	NAME	T. Kametani	K. Matsumoto	INTERCHANGE 3 FLYOVER BRIDGE GENERAL QUANTITY TABLE OF BRIDGE	P3/BR8/0080
				SIGNATURE	<i>T. Kametani</i>	<i>K. Matsumoto</i>		
				DATE	20/9/2000	29/9/2000		

II. SUPERSTRUCTURE

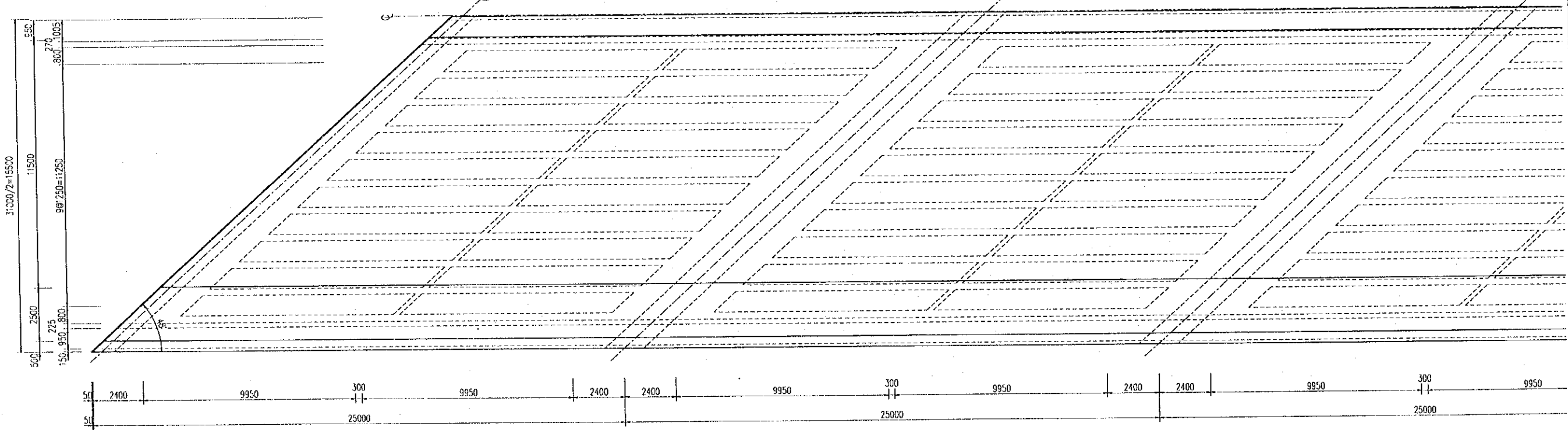
SIDE ELEVATION

(SCALE 1:200)



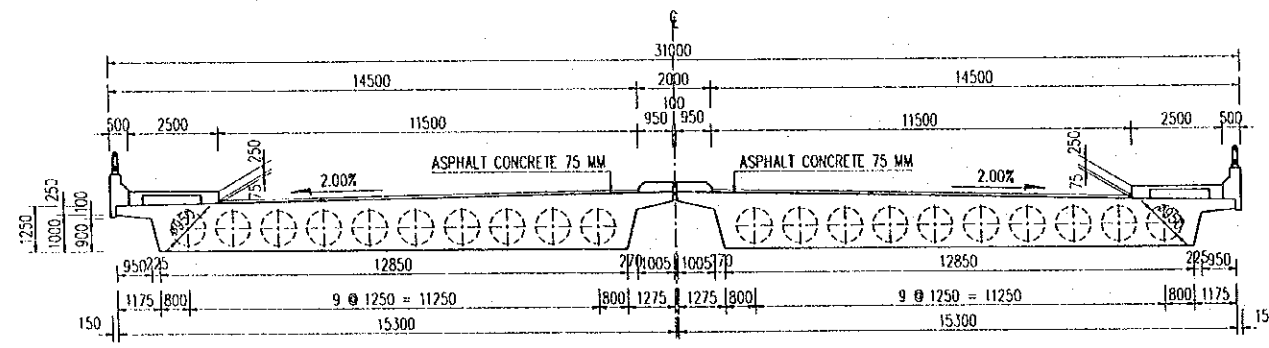
PLAN

(SCALE 1:200)



SECTION 1-1 & 2-2

(SCALE 1:200)



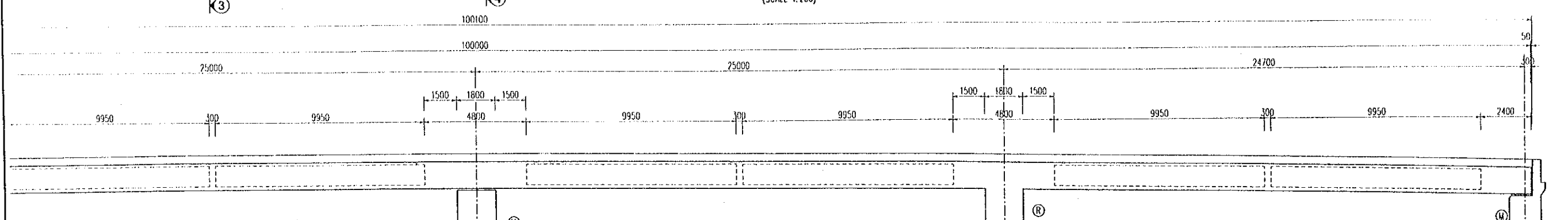
NOTES

1. FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO P3/BR8/0030.

PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM	PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	(NK) NIPPON KOEI CO.,LTD.	NAME: T. Kametani SIGNATURE: [Signature] DATE: 20/9/2000	NAME: K. Matsumoto SIGNATURE: [Signature] DATE: 29/9/2000	NAME: K. Enomoto SIGNATURE: [Signature] DATE: 5/10/2000	INTERCHANGE 3 FLYOVER BRIDGE SUPERSTRUCTURE GENERAL VIEW OF HOLLOW SLAB-SHEET 1	P3/BR8/0090

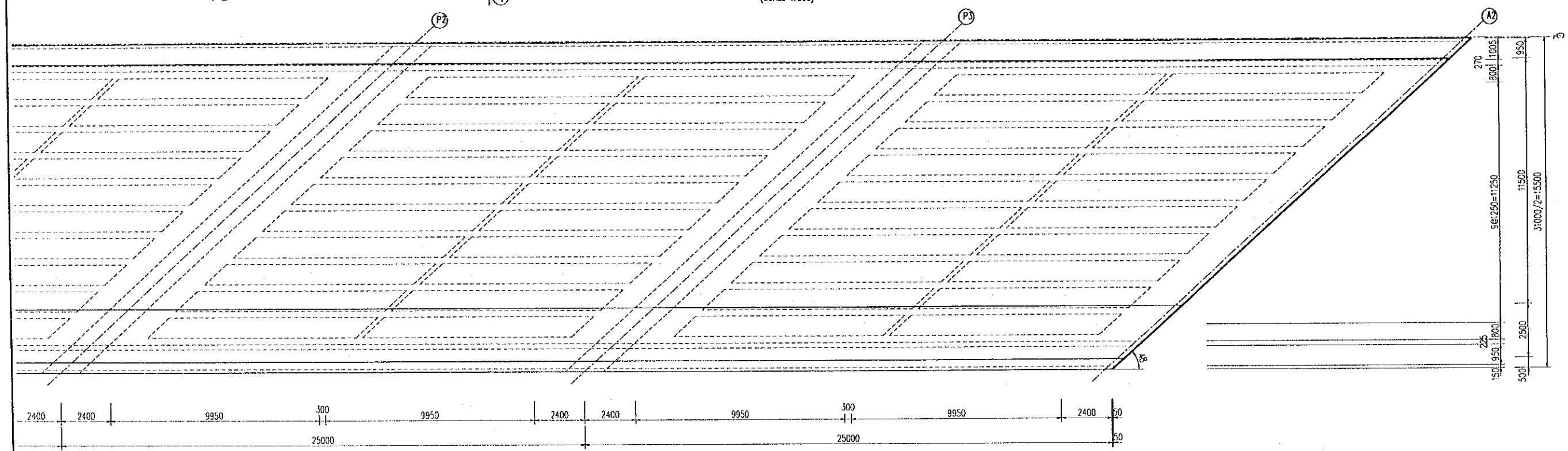
SIDE ELEVATION

(SCALE 1:200)



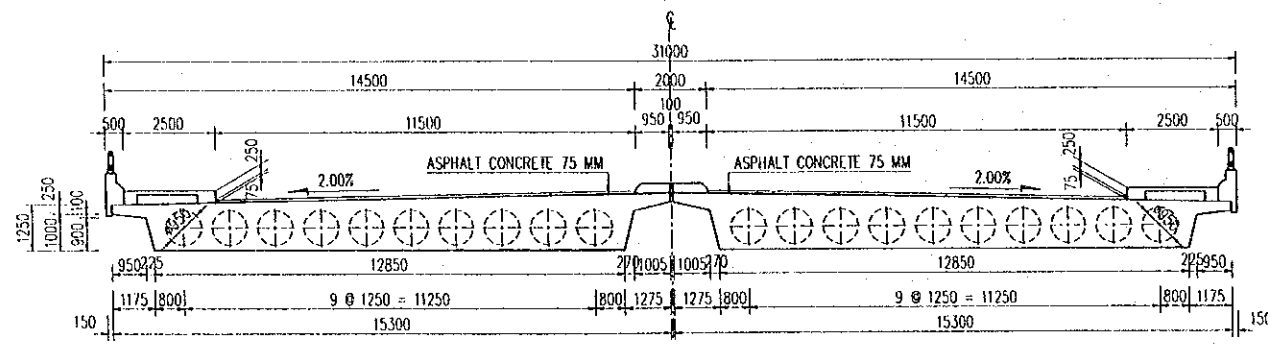
PLAN

(SCALE 1:200)



SECTION 3-3 & 4-4

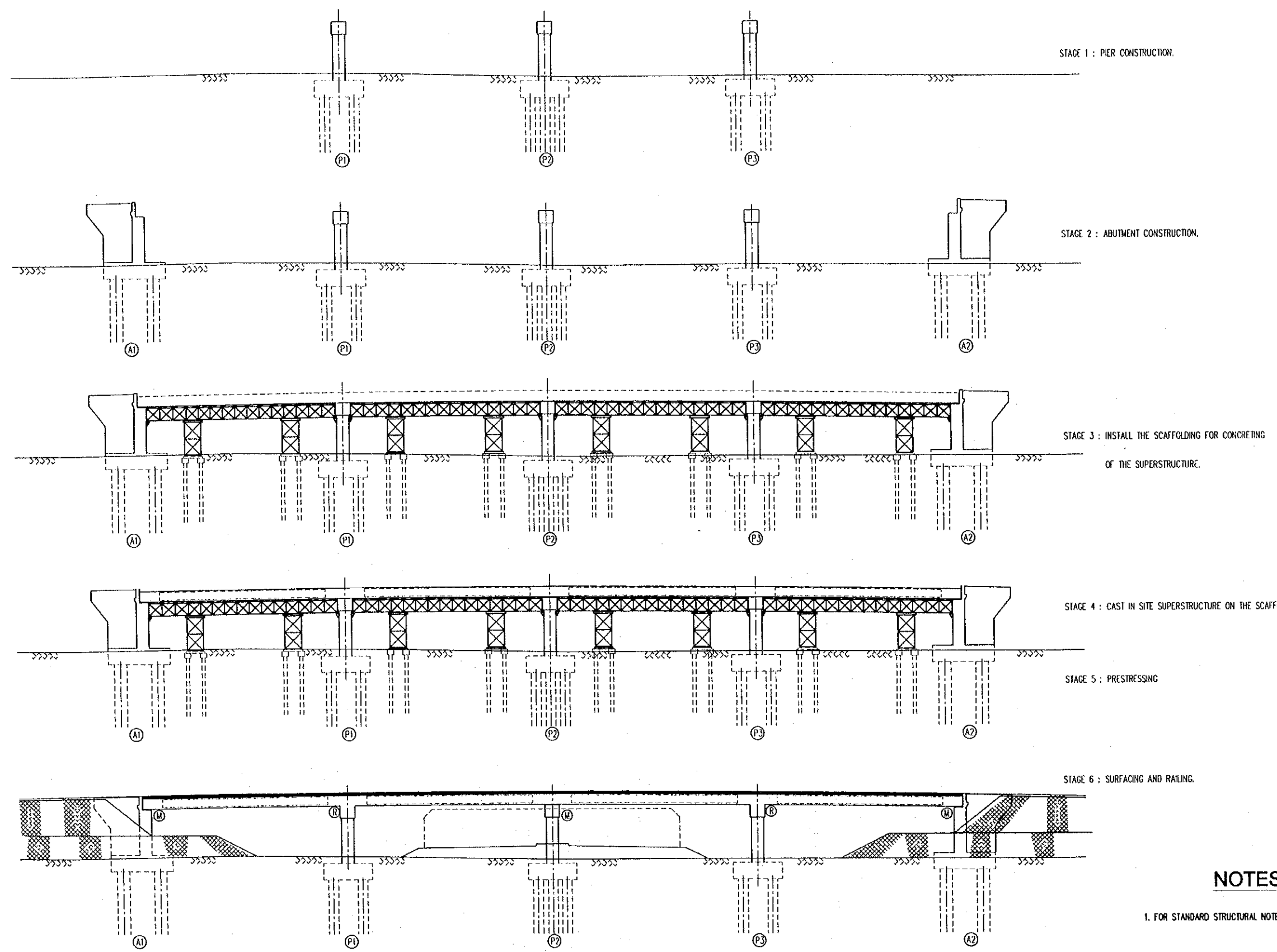
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NOTES

1. FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO P3/BR8/0030.

PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM	PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	NIPON KOBİ CO.,LTD.	T. Kametani	K. Matsumoto	K. Enomoto	INTERCHANGE 3 FLYOVER BRIDGE SUPERSTRUCTURE GENERAL VIEW OF HOLLOW SLAB-SHEET 2	P3/BR8/0100
				SIGNATURE	SIGNATURE	SIGNATURE		
				DATE	DATE	DATE		



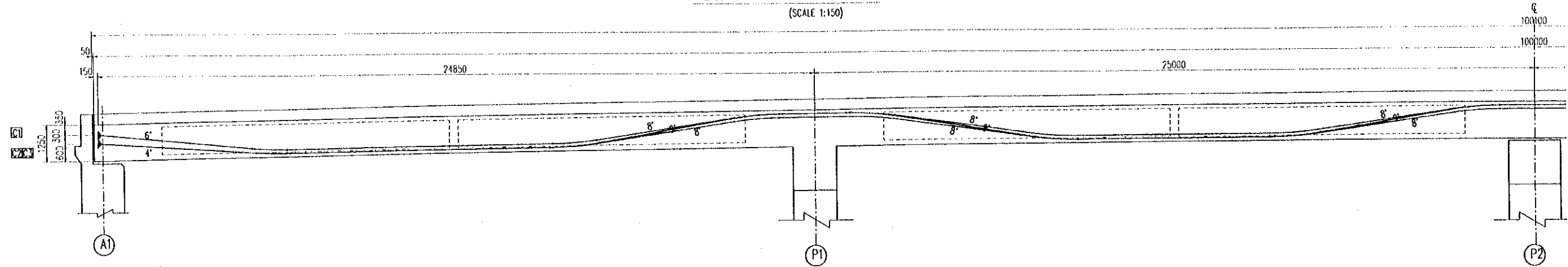
NOTES

1. FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO P3/BR8/0030.

PROJECT NAME DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	IMPLEMENTATION AGENCY JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	EXECUTING AGENCY SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	JICA STUDY TEAM (NK) NIPPON KOEI CO.,LTD.	PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE INTERCHANGE 3 FLYOVER BRIDGE SUPERSTRUCTURE CONSTRUCTION SEQUENCE	DWG NO. P3/BR8/0110	
				NAME	T. Kametani	K. Matsumoto			K. Enomoto
				SIGNATURE	<i>T. Kametani</i>	<i>K. Matsumoto</i>			<i>K. Enomoto</i>
				DATE	20/9/2000	29/9/2000			5/10/2000

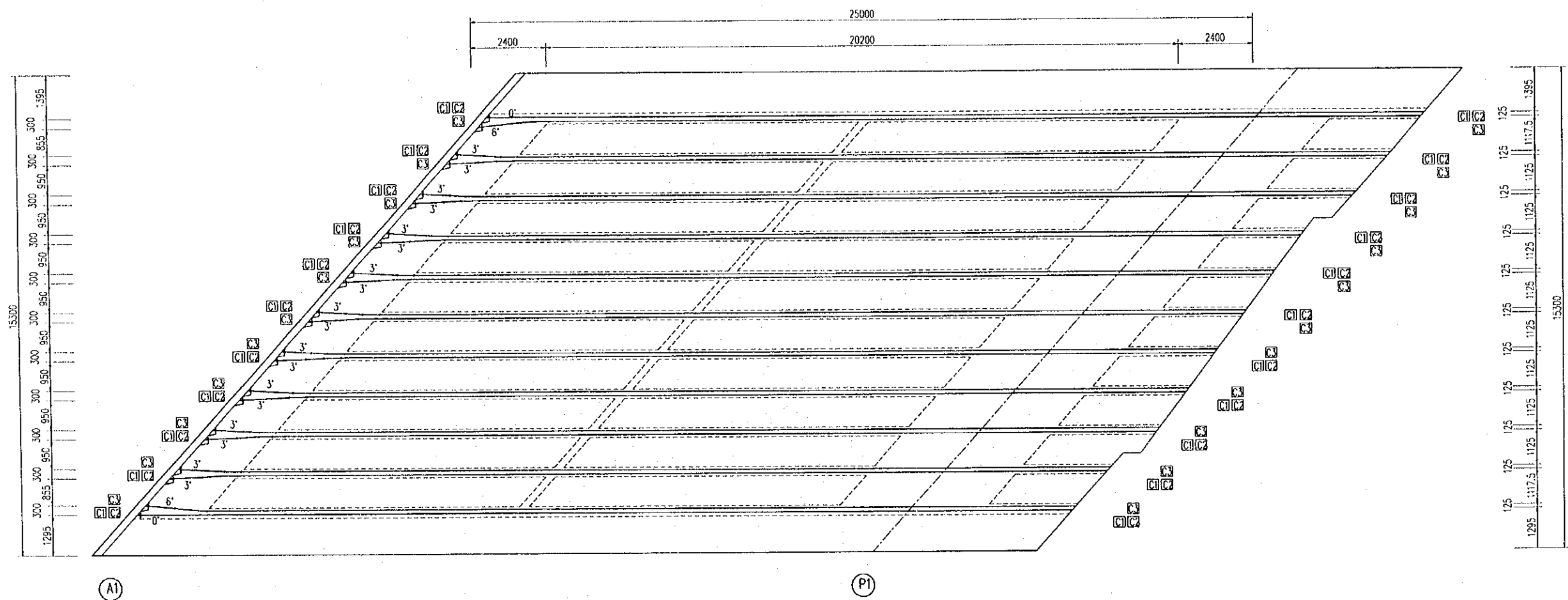
SIDE ELEVATION

(SCALE 1:150)



PLAN

(SCALE 1:150)

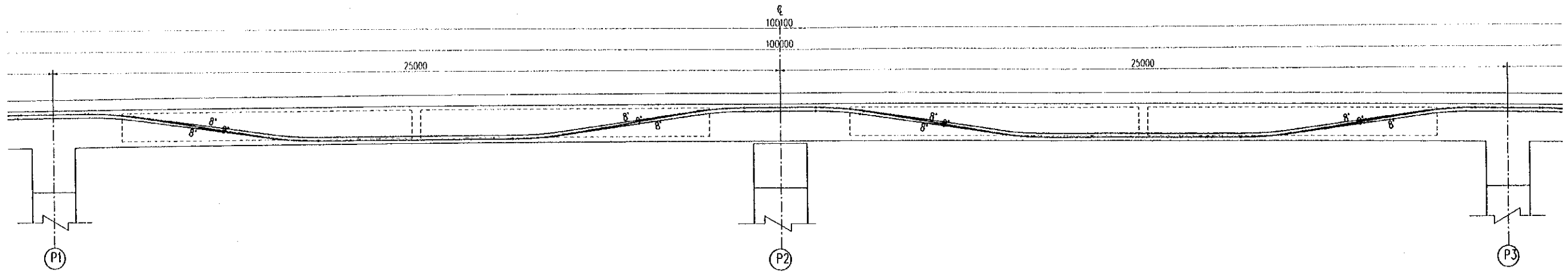


FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO P3/DR8/0030.

PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM	PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	(NK) NIPPON KOEI CO.,LTD.	NAME: T. Kametani SIGNATURE: <i>T. Kametani</i> DATE: 20/9/2000	NAME: K. Matsumoto SIGNATURE: <i>K. Matsumoto</i> DATE: 29/9/2000	NAME: K. Enomoto SIGNATURE: <i>K. Enomoto</i> DATE: 5/10/2000	INTERCHANGE 3 FLYOVER BRIDGE SUPERSTRUCTURE TENDON ARRANGEMENT OF HOLLOW SLAB - SHEET 1	P3/BR8/0120

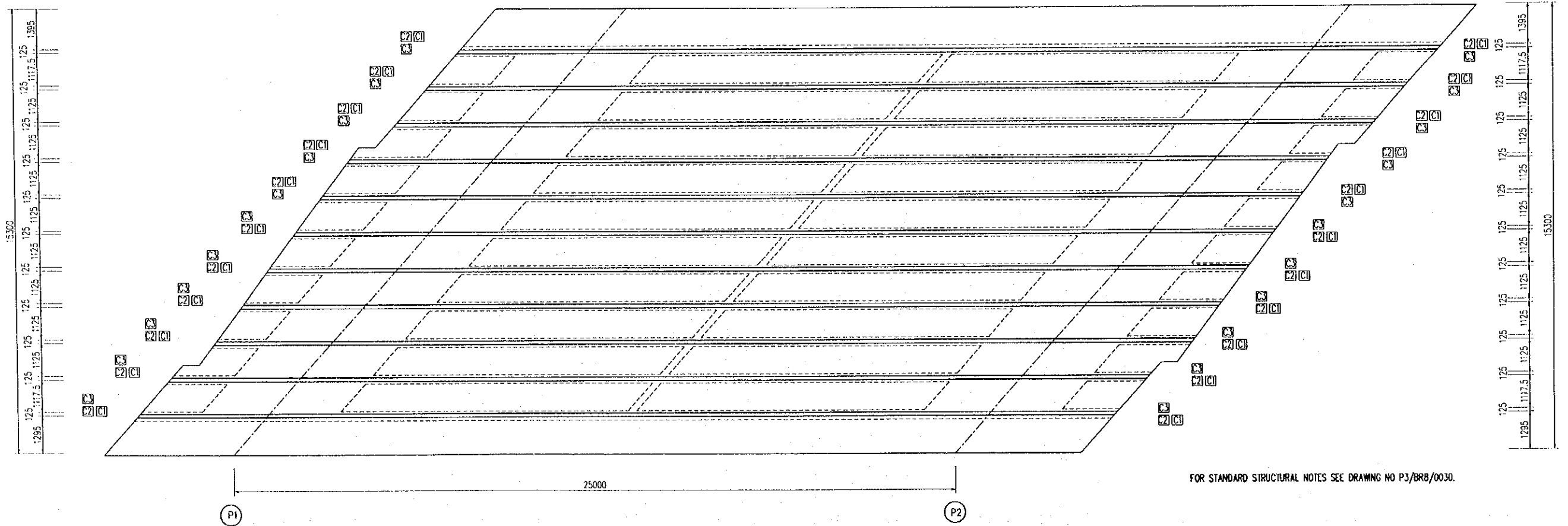
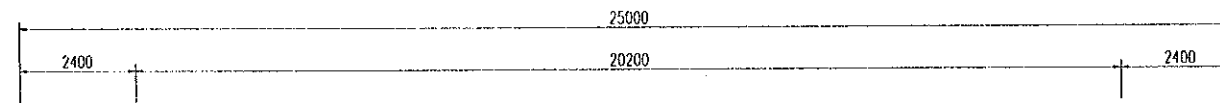
SIDE ELEVATION

(SCALE 1:150)



PLAN

(SCALE 1:150)

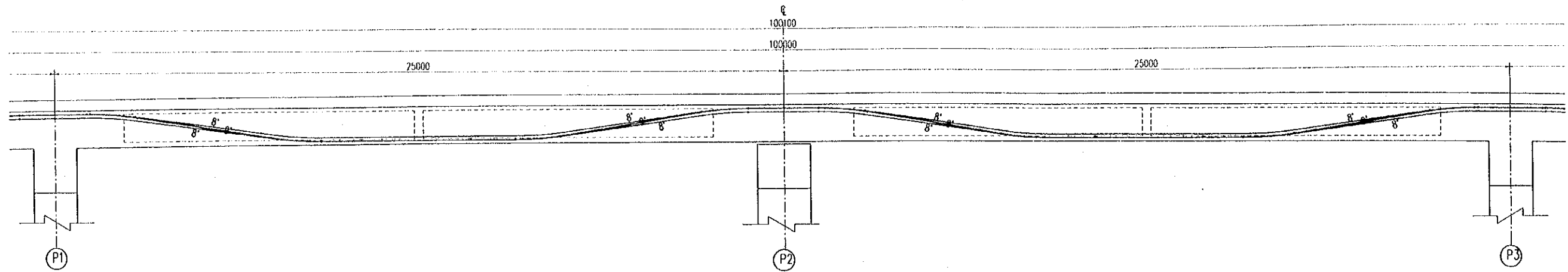


FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO P3/BR8/0030.

PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM	PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	(NK) NIPPON KOBİ CO.,LTD.	NAME: T. Kametani SIGNATURE: [Signature] DATE: 20/9/2000	K. Matsumoto [Signature] 29/9/2000	K. Enomoto [Signature] 5/10/2000	INTERCHANGE 3 FLYOVER BRIDGE SUPERSTRUCTURE TENDON ARRANGEMENT OF HOLLOW SLAB - SHEET 2	P3/BR8/0130

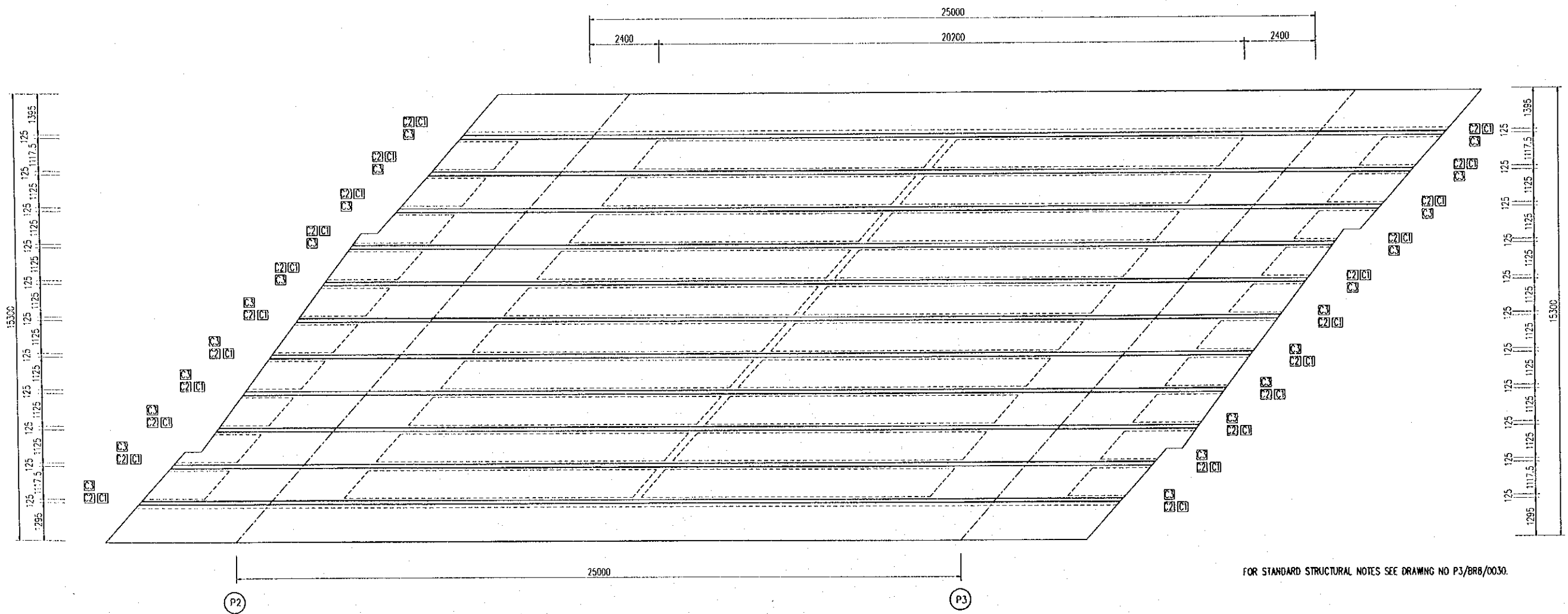
SIDE ELEVATION

(SCALE 1:150)



PLAN

(SCALE 1:150)

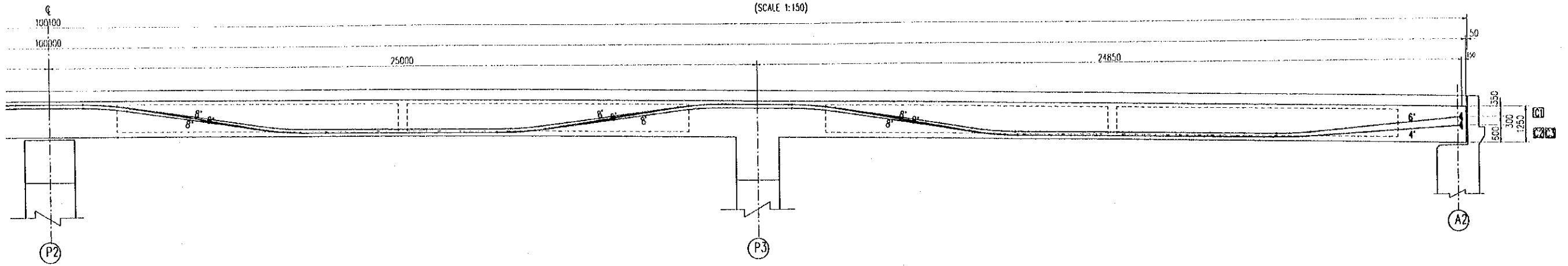


FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO P3/BR8/0030.

PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM	PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.	
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	NIPPON KOEI CO.,LTD.	NAME	T. Kametani	K. Matsumoto	K. Enomoto	INTERCHANGE 3 FLYOVER BRIDGE SUPERSTRUCTURE TENDON ARRANGEMENT OF HOLLOW SLAB - SHEET 3	P3/BR8/0140
				SIGNATURE	<i>T. Kametani</i>	<i>K. Matsumoto</i>	<i>K. Enomoto</i>		
				DATE	20/9/2000	29/9/2000	5/10/2000		

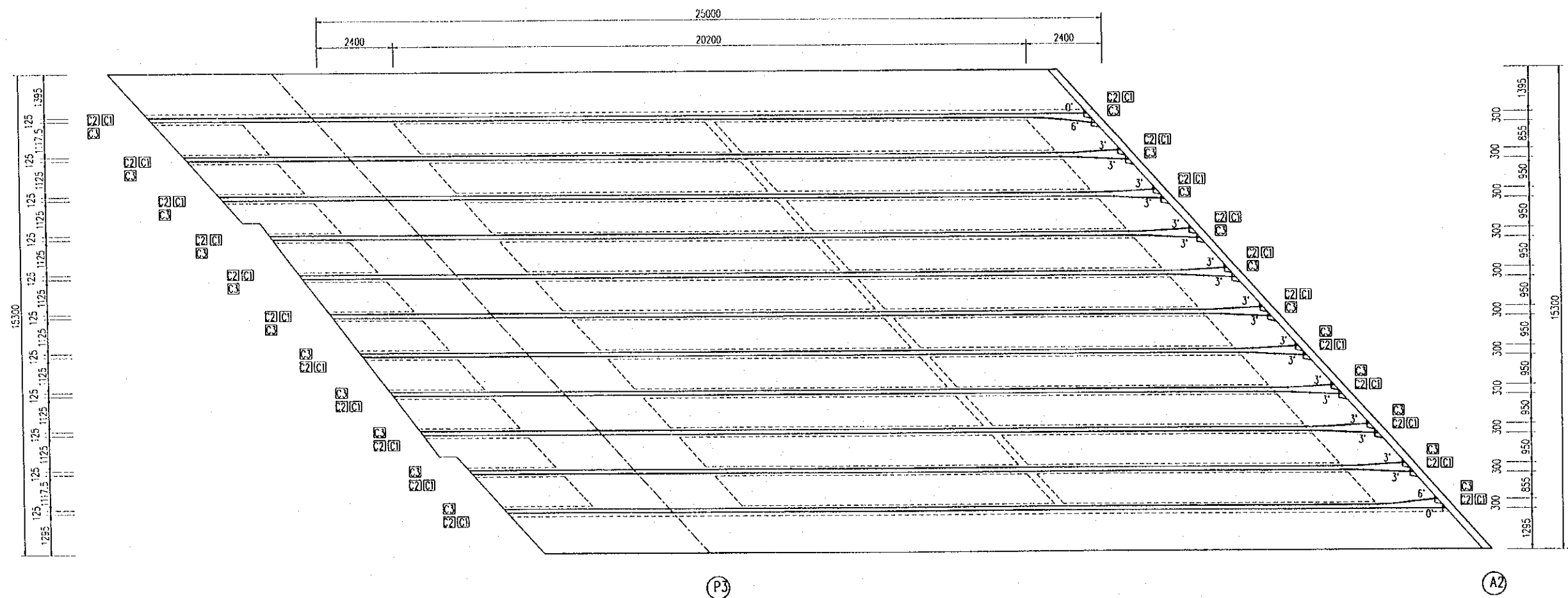
SIDE ELEVATION

(SCALE 1:150)



PLAN

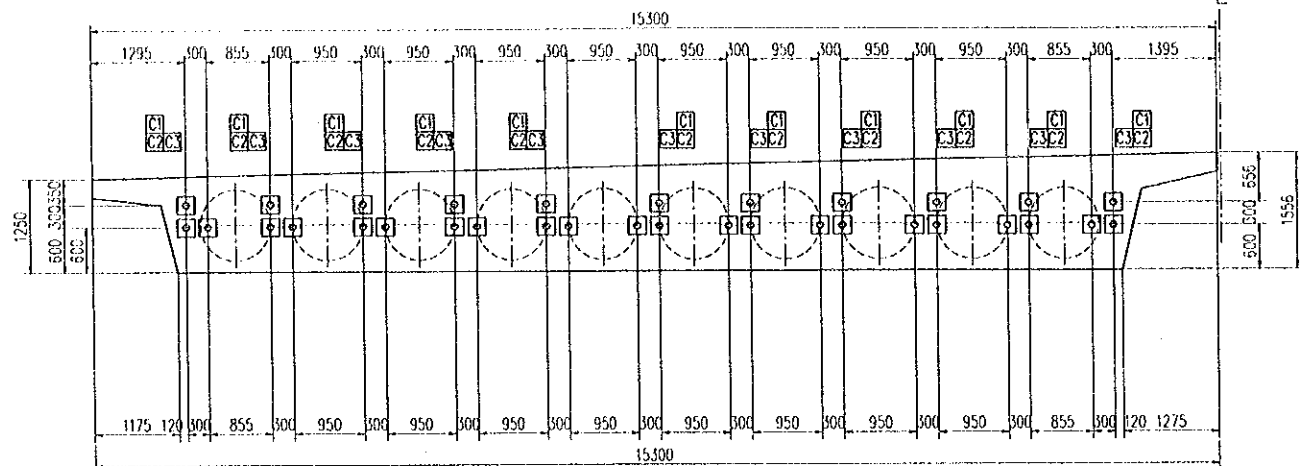
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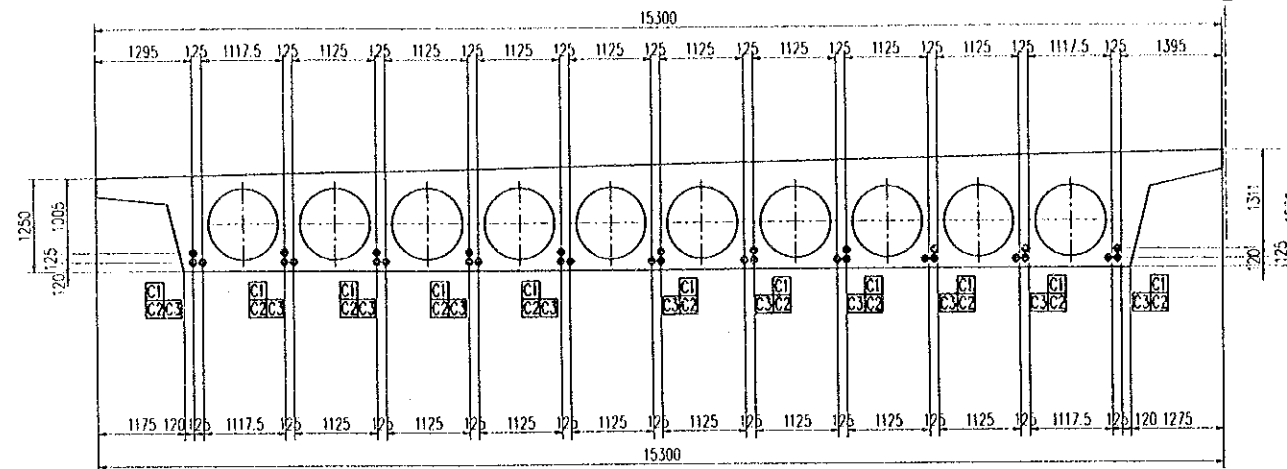
FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO P3/BR8/0030.

PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM	PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	NIPPON KOBI CO., LTD.	NAME: T. Kametani SIGNATURE: <i>T. Kametani</i> DATE: 20/9/2000	NAME: K. Matsumoto SIGNATURE: <i>K. Matsumoto</i> DATE: 29/9/2000	NAME: K. Enomoto SIGNATURE: <i>K. Enomoto</i> DATE: 5/10/2000	INTERCHANGE 3 FLYOVER BRIDGE SUPERSTRUCTURE TENDON ARRANGEMENT OF HOLLOW SLAB - SHEET 4	P3/BR8/0150

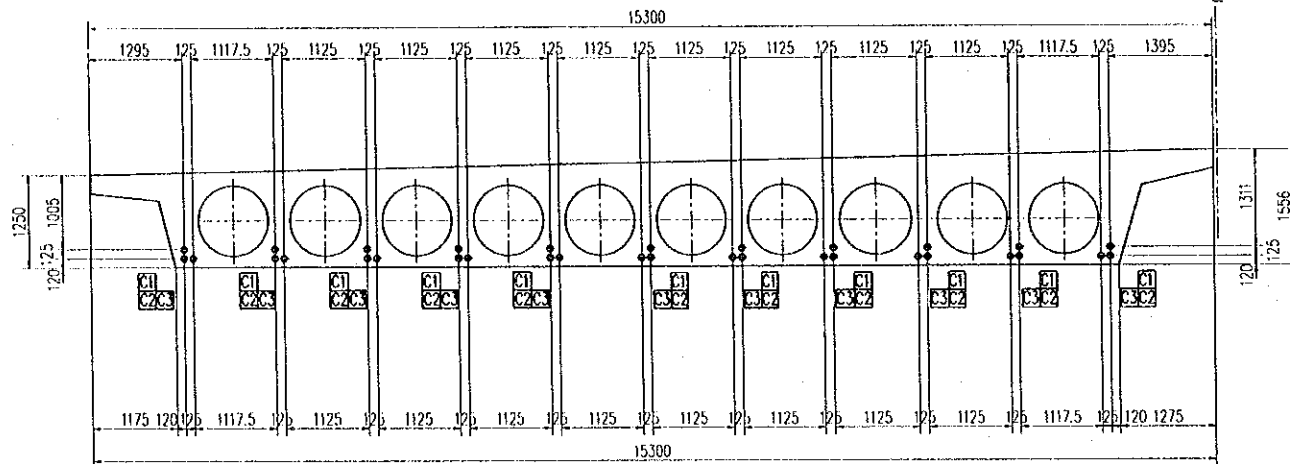
A - A



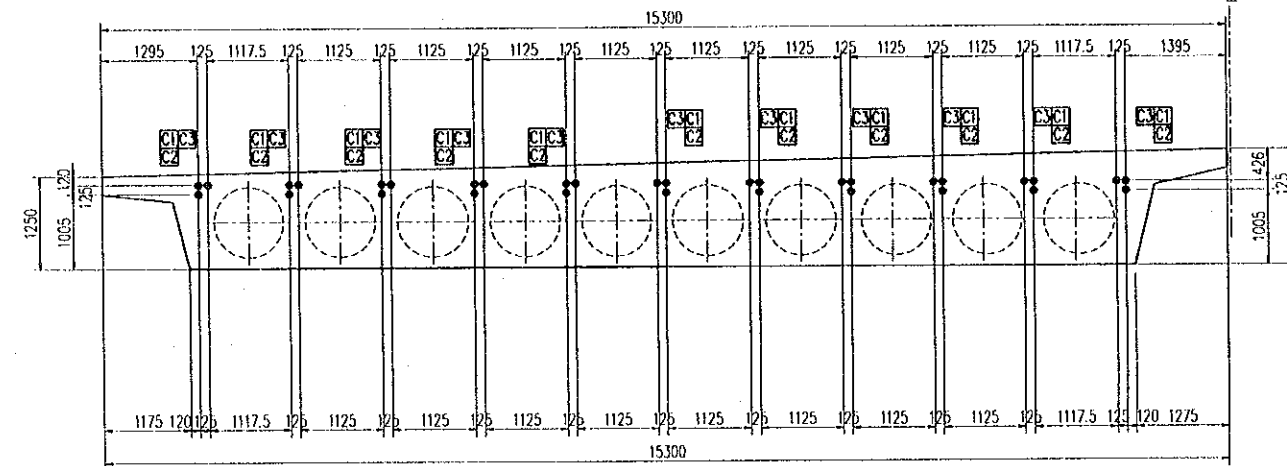
D - D



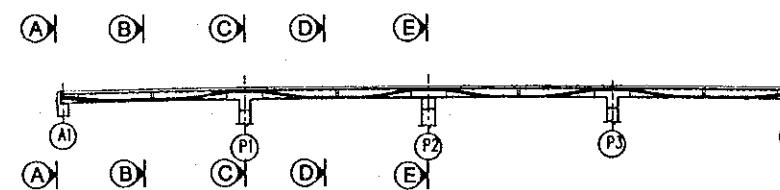
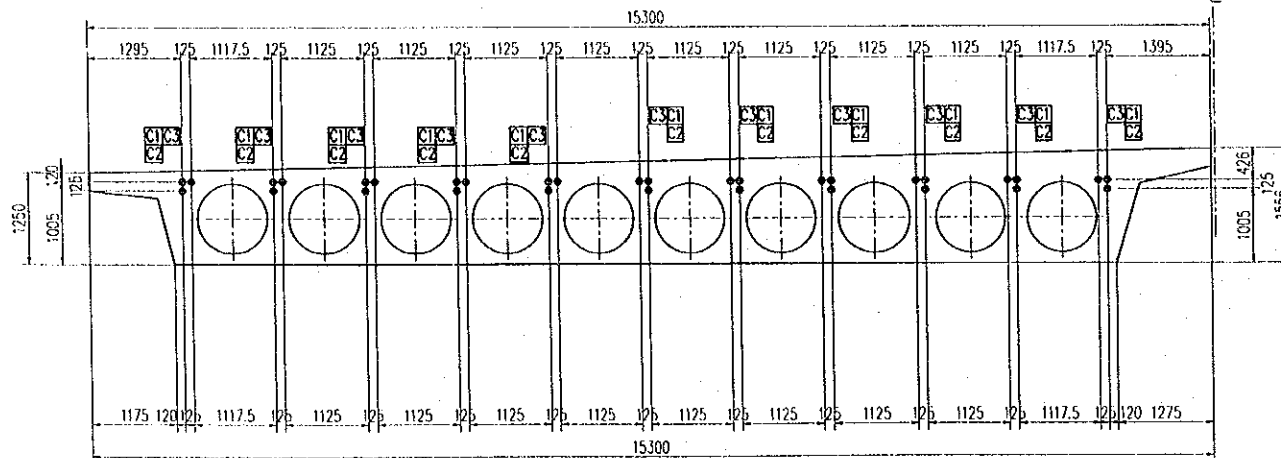
B - B



E - E



C - C

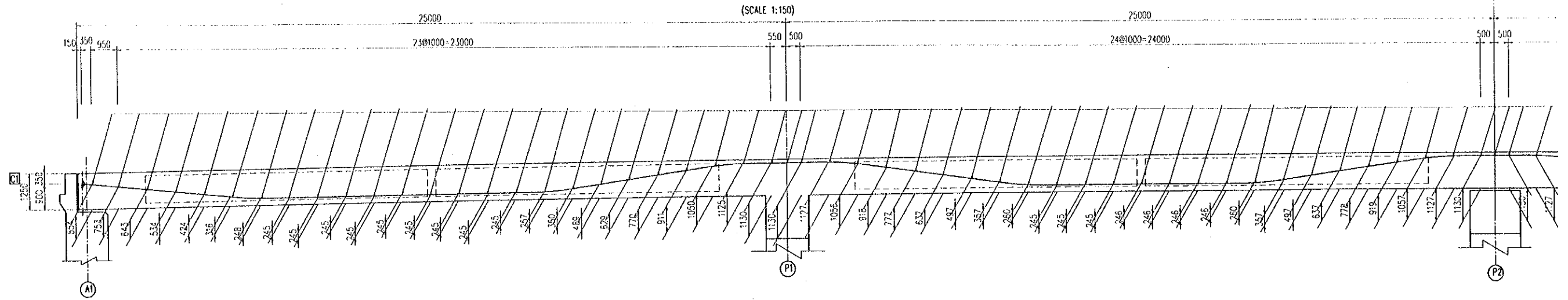


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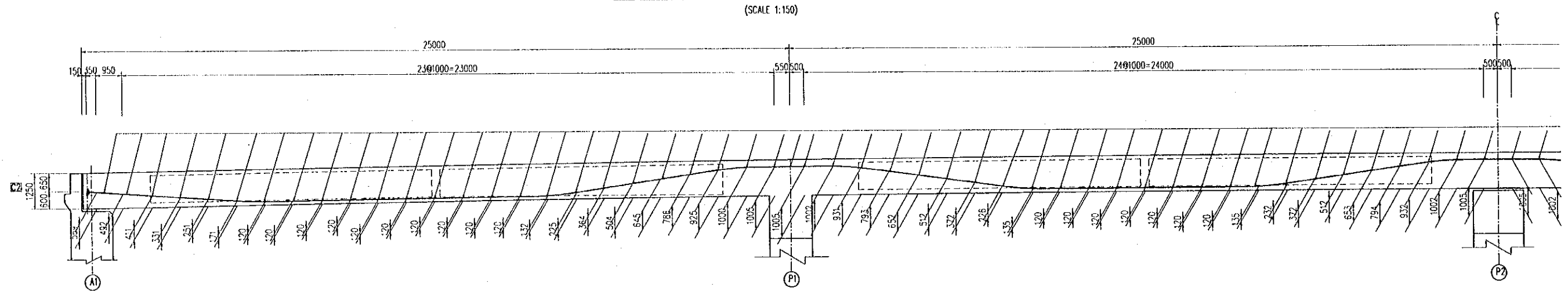
1. FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO P3/BR8/0030.
2. SYMBOL ○ TENDON
□ ANCHORAGE

PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM	PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THIO BRIDGE CONSTRUCTION PROJECT	JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	NIPPON KOEI CO.,LTD.	NAME T. Kametani SIGNATURE <i>T. Kametani</i> DATE 20/9/2000	NAME K. Matsumoto SIGNATURE <i>K. Matsumoto</i> DATE 29/9/2000	NAME K. Enomoto SIGNATURE <i>K. Enomoto</i> DATE 5/10/2000	INTERCHANGE 3 FLYOVER BRIDGE SUPERSTRUCTURE TENDON ARRANGEMENT OF HOLLOW SLAB - SHEET 5	P3/BR8/0160

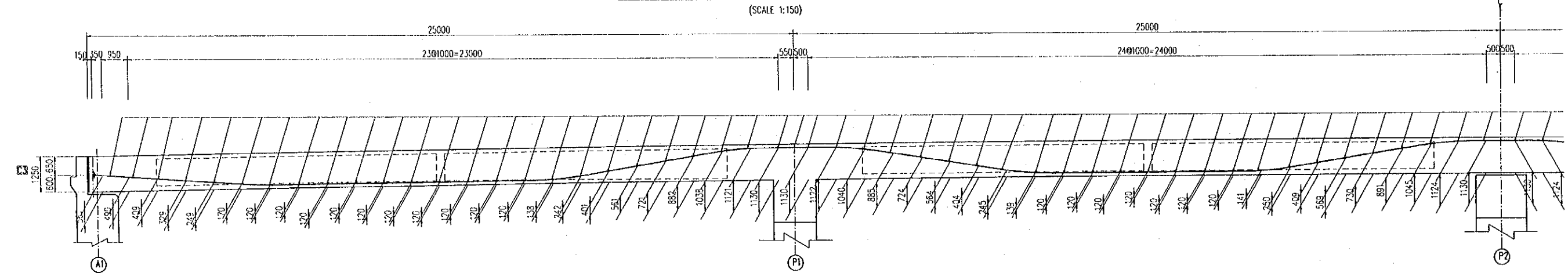
SIDE ELEVATION OF CABLE C1



SIDE ELEVATION OF CABLE C2



SIDE ELEVATION OF CABLE C3

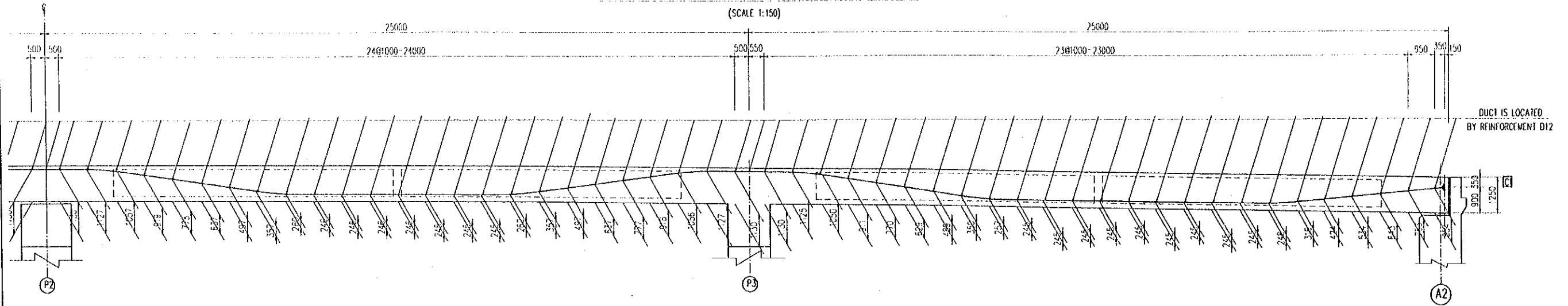


FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO P3/BR8/0030.

PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM	PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	NIPPON KOEI CO.,LTD.	NAME: T. Kametani SIGNATURE: DATE: 20/9/2000	NAME: K. Matsumoto SIGNATURE: DATE: 29/9/2000	NAME: K. Enomoto SIGNATURE: DATE: 5/10/2000	INTERCHANGE 3 FLYOVER BRIDGE SUPERSTRUCTURE TENDON ARRANGEMENT OF HOLLOW SLAB - SHEET 6	P3/BR8/0170

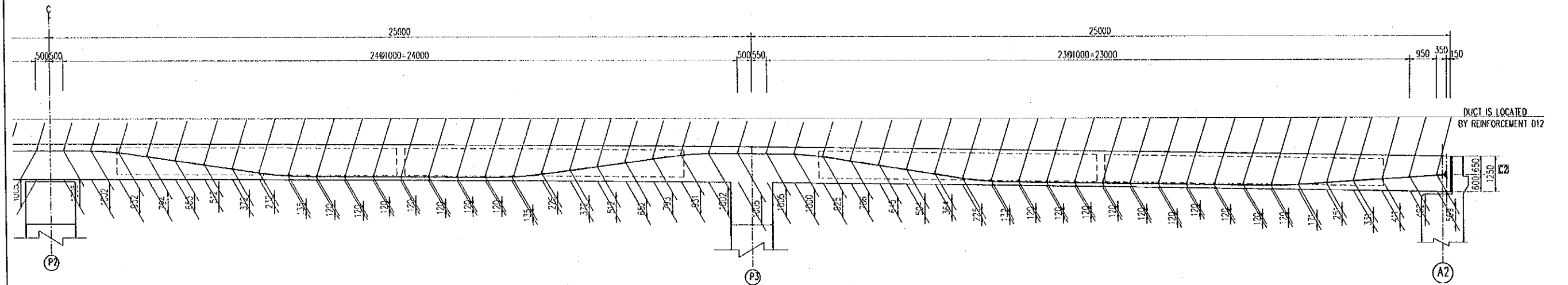
SIDE ELEVATION OF CABLE C1

(SCALE 1:150)



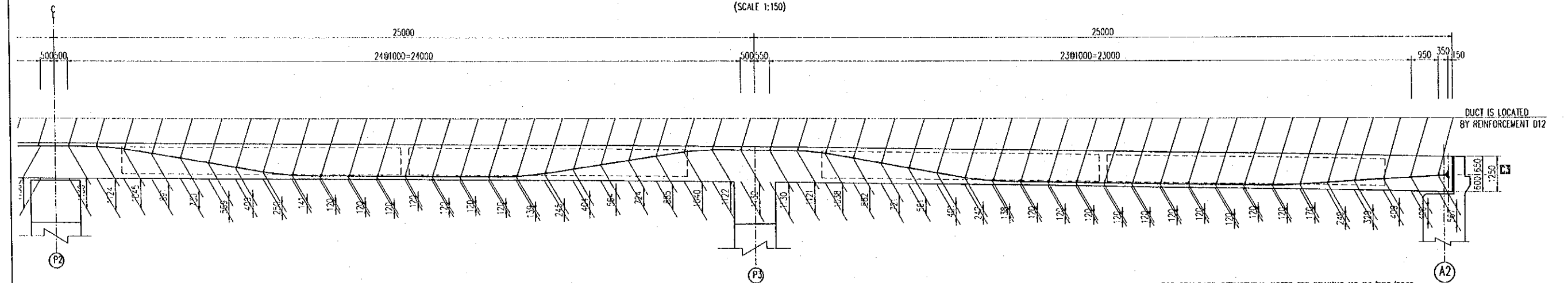
SIDE ELEVATION OF CABLE C2

(SCALE 1:150)



SIDE ELEVATION OF CABLE C3

(SCALE 1:150)

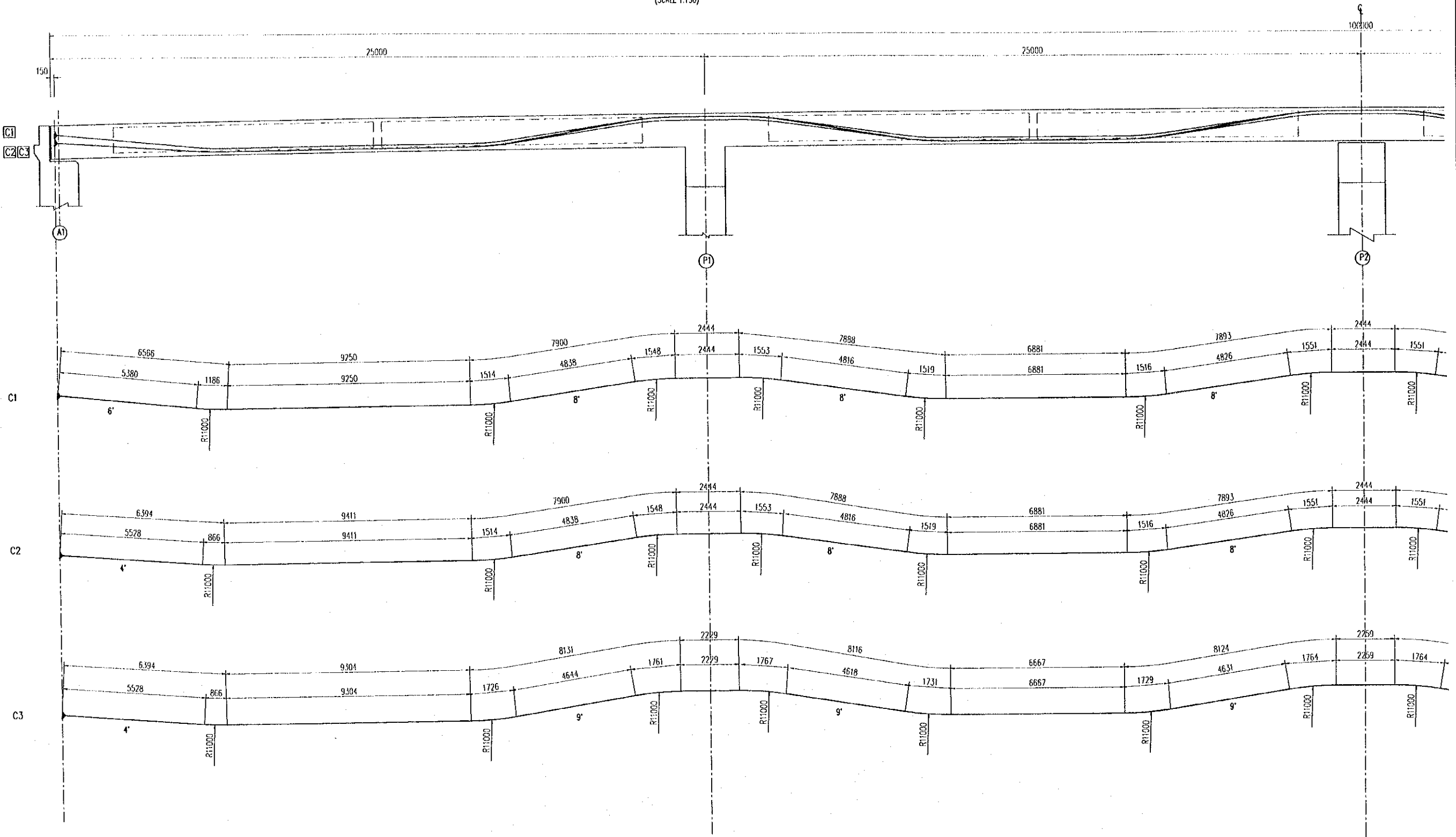


FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO P3/BR8/0030.

PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM	PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	NIPPON KOEI CO.,LTD.	NAME: T. Kametani SIGNATURE: DATE: 20/9/2000	NAME: K. Matsumoto SIGNATURE: DATE: 29/9/2000	NAME: K. Enomoto SIGNATURE: DATE: 5/10/2000	INTERCHANGE 3 FLYOVER BRIDGE SUPERSTRUCTURE TENDON ARRANGEMENT OF HOLLOW SLAB - SHEET 7	P3/BR8/0180

PROFILE OF CABLES

(SCALE 1:150)

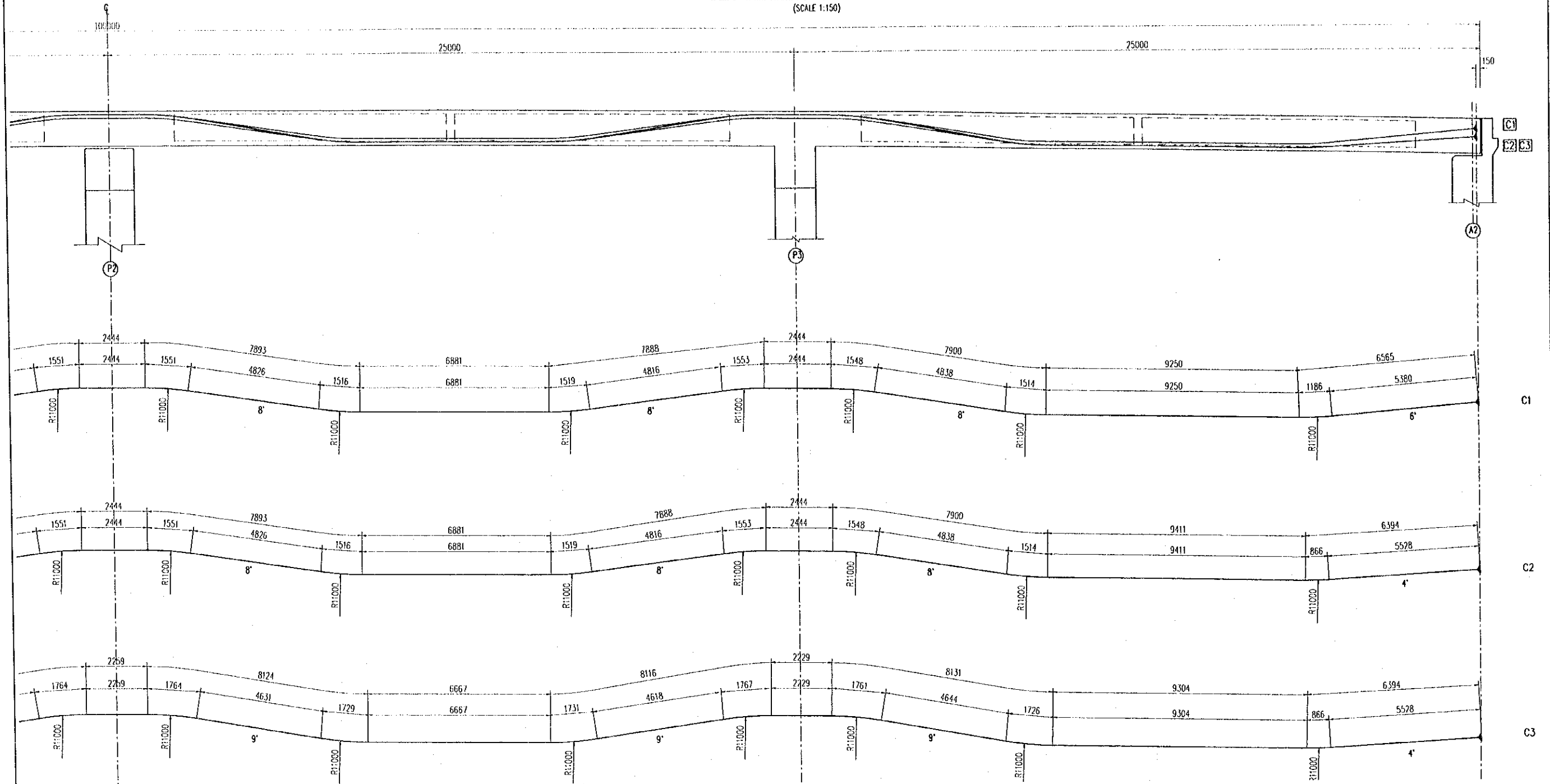


FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO P3/BR8/0030.

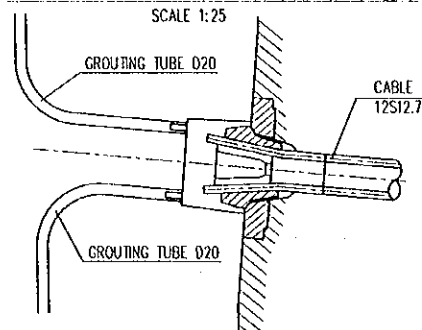
PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM	PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	NIPPON KOEI CO.,LTD.	NAME T. Kametani	K. Matsumoto	K. Enomoto	INTERCHANGE 3 FLYOVER BRIDGE SUPERSTRUCTURE TENDON ARRANGEMENT OF HOLLOW SLAB - SHEET 8	P3/BR8/0190
				SIGNATURE <i>T. Kametani</i>	<i>K. Matsumoto</i>	<i>K. Enomoto</i>		
				DATE 20/9/2000	29/9/2000	5/10/2000		

PROFILE OF CABLES

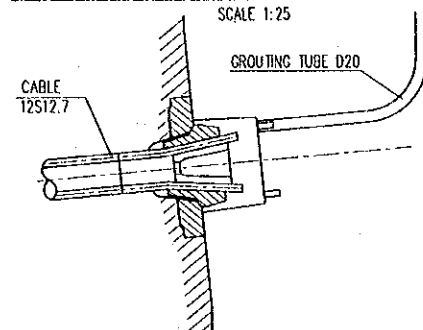
(SCALE 1:150)



DETAIL OF ANCHOR (A1)



DETAIL OF ANCHOR (A2)

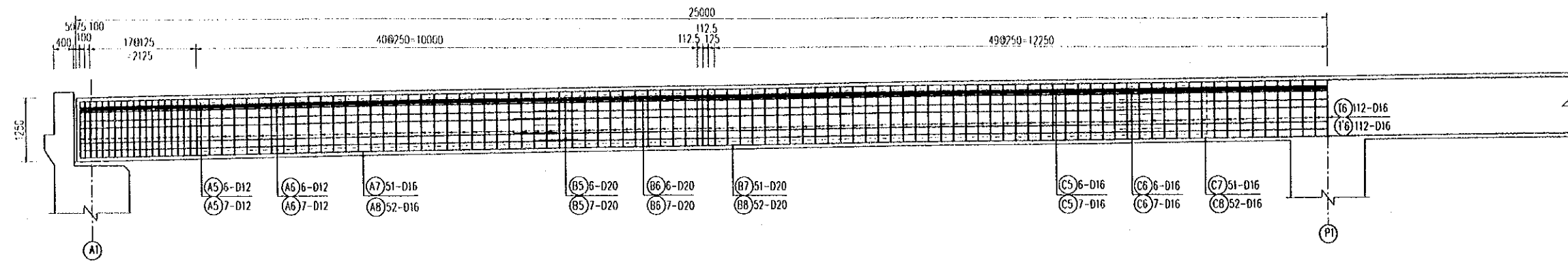


REINF	CABLES	LENGTH	NUMBER	TOTAL LENGTH
		MM		MM
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C2	12S12.7	100066	11	1100726
C3	12S12.7	100189	11	1102079

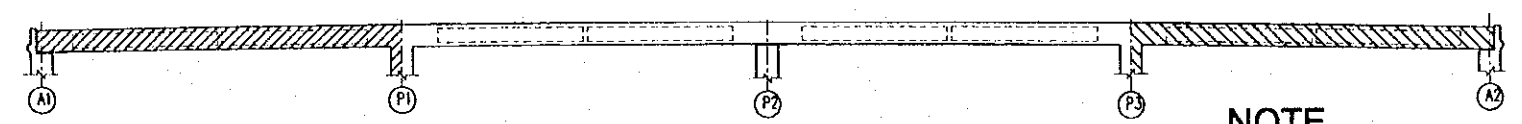
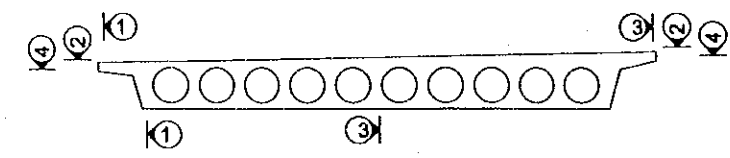
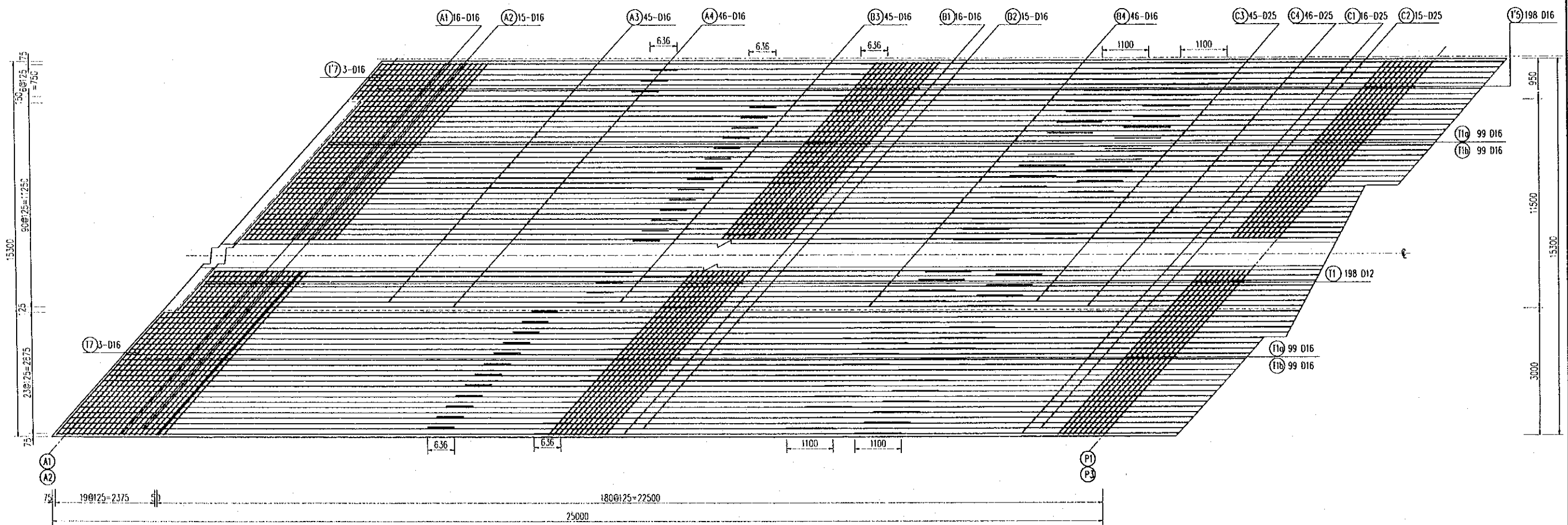
FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO P3/BR8/0030.

PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM	PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	(NK) NIPPON KOEI CO.,LTD.	NAME: T. Kametani SIGNATURE: <i>T. Kametani</i> DATE: 20/9/2000	NAME: K. Matsumoto SIGNATURE: <i>K. Matsumoto</i> DATE: 29/9/2000	NAME: K. Enomoto SIGNATURE: <i>K. Enomoto</i> DATE: 5/10/2000	INTERCHANGE 3 FLYOVER BRIDGE SUPERSTRUCTURE TENDON ARRANGEMENT OF HOLLOW SLAB - SHEET 9	P3/BR8/0200

1-1
(SCALE 1:100)



2-2
(SCALE 1:100)

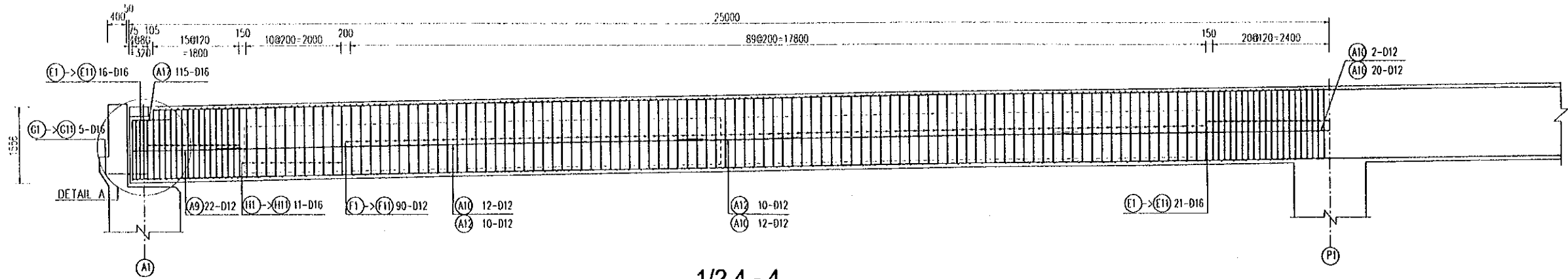


NOTE

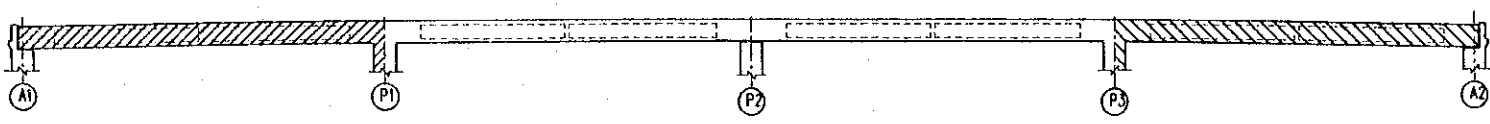
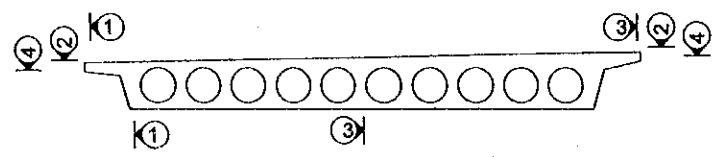
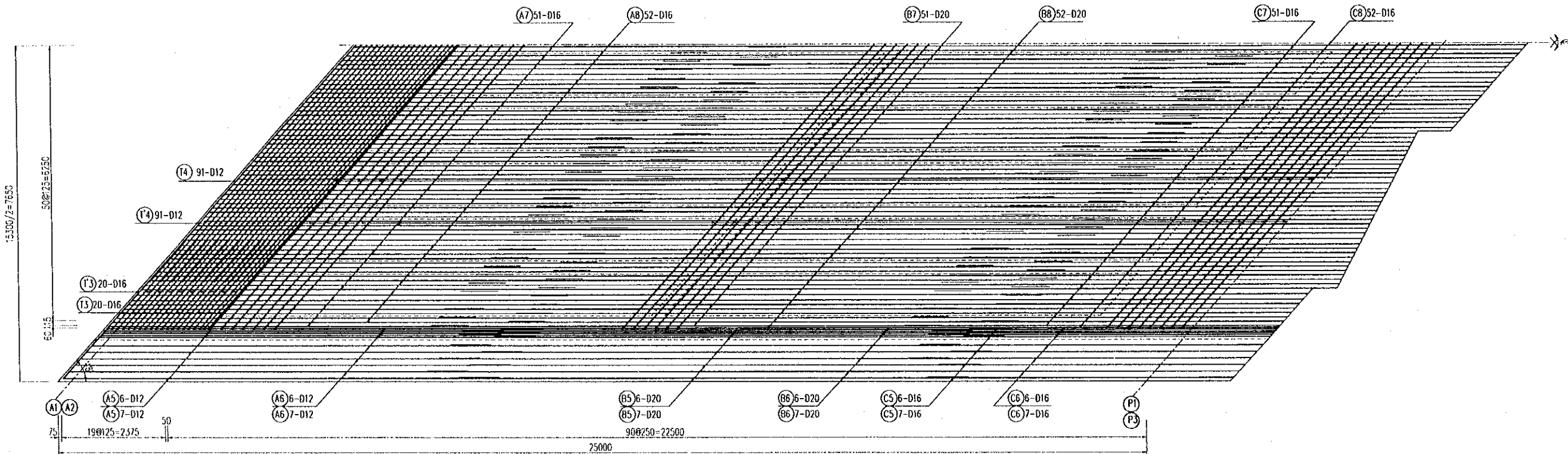
FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO P3/BR8/0030.

PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM	PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	(NK) NIPPON KOBI CO.,LTD.	NAME T. Kametani SIGNATURE DATE 20/9/2000	NAME K. Matsumoto SIGNATURE DATE 29/9/2000	NAME K. Enomoto SIGNATURE DATE 5/10/2000	INTERCHANGE 3 FLYOVER BRIDGE SUPERSTRUCTURE REINFORCED ARRANGEMENT OF HOLLOW SLAB - SHEET 1	P3/BR8/0210

3 - 3
(SCALE 1:100)



1/2 4 - 4
(SCALE 1:100)

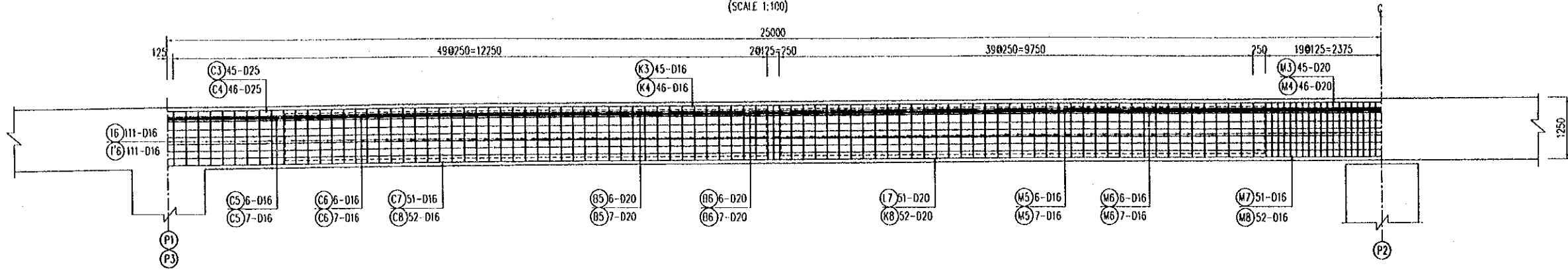


NOTE

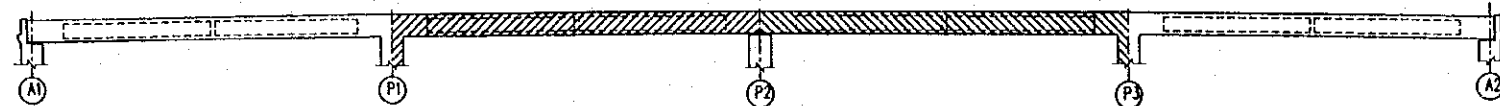
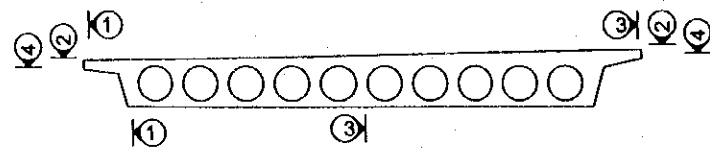
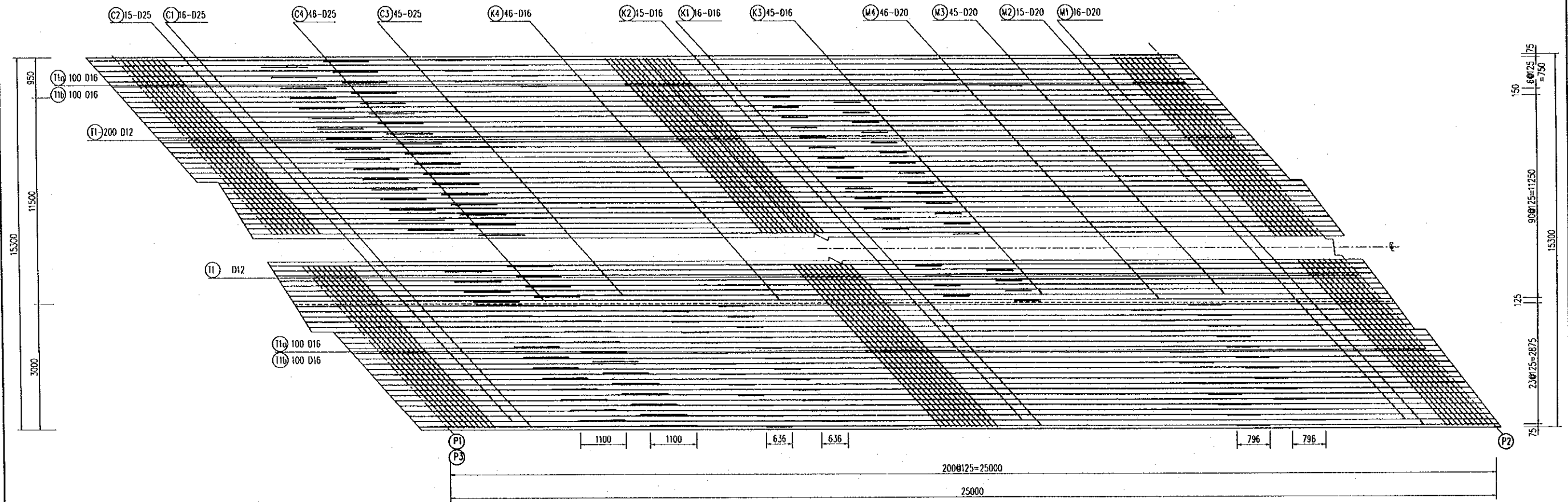
FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO P3/BR8/0030.

PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM	PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	(NK) NIPPON KOBI CO.,LTD.	T. Kametani	K. Matsumoto	K. Enomoto	INTERCHANGE 3 FLYOVER BRIDGE SUPERSTRUCTURE REINFORCED ARRANGEMENT OF HOLLOW SLAB - SHEET 2	P3/BR8/0220
				SIGNATURE	<i>E. Matsumoto</i>	<i>K. Enomoto</i>		
				DATE	20/9/2000	29/9/2000	5/10/2000	

1-1
(SCALE 1:100)



2-2
(SCALE 1:100)

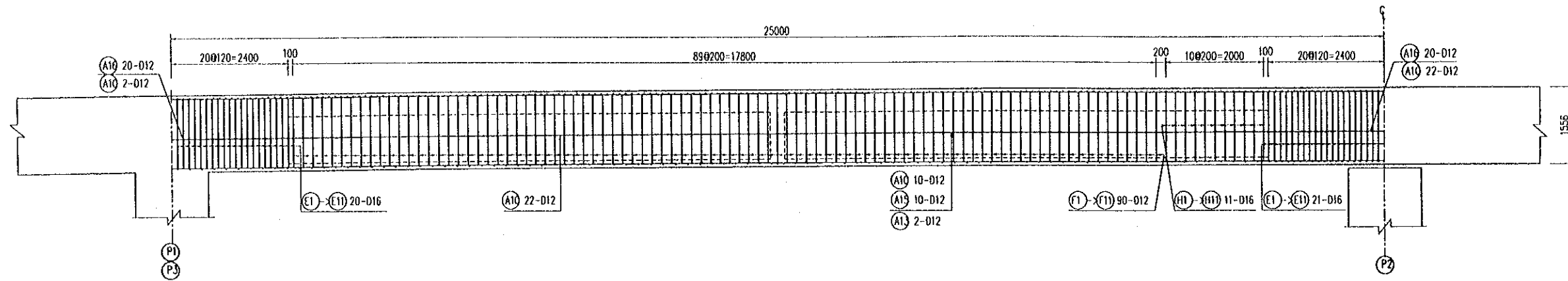


NOTE

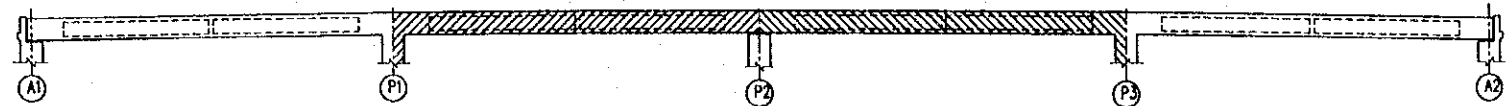
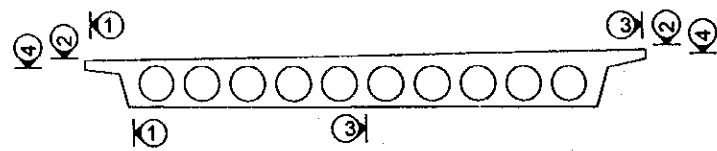
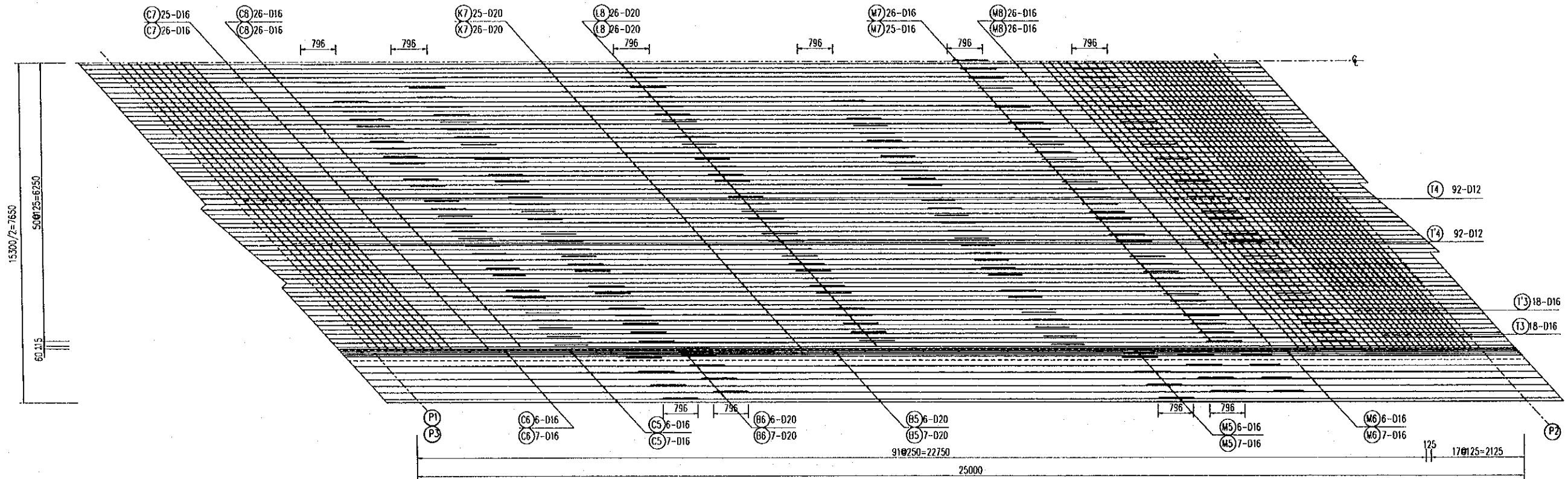
FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO P3/BR8/0030.

PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM	PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	(NK) NIPPON KOEI CO.,LTD.	NAME T. Kametani SIGNATURE DATE 20/9/2000	K. Matsumoto 29/9/2000	K. Enomoto 5/10/2000	INTERCHANGE 3 FLYOVER BRIDGE SUPERSTRUCTURE REINFORCED ARRANGEMENT OF HOLLOW SLAB - SHEET 3	P3/BR8/0230

3-3
(SCALE 1:100)



1/2 4-4
(SCALE 1:100)



NOTE

FOR STANDARD STRUCTURAL NOTES SEE DRAWING NO P3/BR8/0030.

PROJECT NAME	IMPLEMENTATION AGENCY	EXECUTING AGENCY	JICA STUDY TEAM	PREPARED BY	CHECKED BY	APPROVED BY	DRAWING TITLE	DWG NO.
DETAILED DESIGN OF THE CAN THO BRIDGE CONSTRUCTION PROJECT	JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	SOCIALIST REPUBLIC OF VIET NAM MINISTRY OF TRANSPORT (MOT) MY THUAN PROJECT MANAGEMENT UNIT	(NK) NIPPON KOBI CO.,LTD.	NAME: T. Kametani SIGNATURE: [Signature] DATE: 20/9/2000	NAME: K. Matsumoto SIGNATURE: [Signature] DATE: 29/9/2000	NAME: K. Enomoto SIGNATURE: [Signature] DATE: 5/10/2000	INTERCHANGE 3 FLYOVER BRIDGE SUPERSTRUCTURE REINFORCED ARRANGEMENT OF HOLLOW SLAB - SHEET 4	P3/BR8/0240