REPUBLIC OF INDONESIA
MINISTRY OF COMMUNICATIONS
DIRECTORATE GENERAL OF LAND TRANSPORT
AND INLAND WATERWAYS

TENDER DOCUMENTS
FOR
NEW RAILWAY LINE FOR CENGKARENG AIRPORT
CONSTRUCTION PROJECT

PACKAGE I CIVIL AND ARCHITECTURAL WORK

PART F DRAWINGS

3 of 3

AUGUST 1984

JAPAN INTERNATIONAL COOPERATION AGENCY
(JICA)

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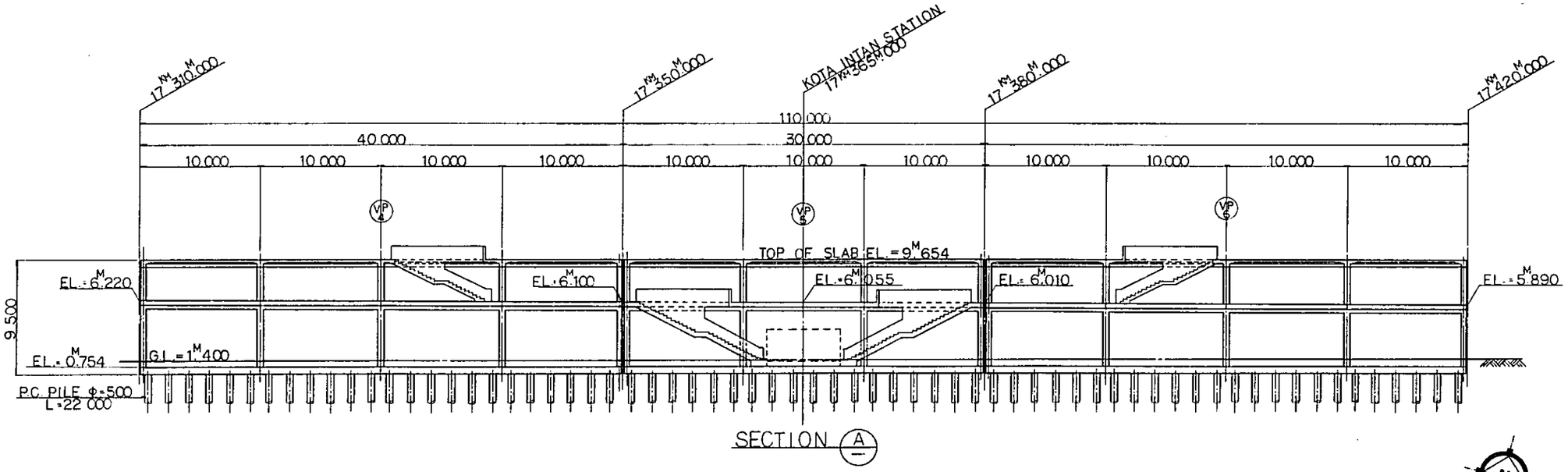
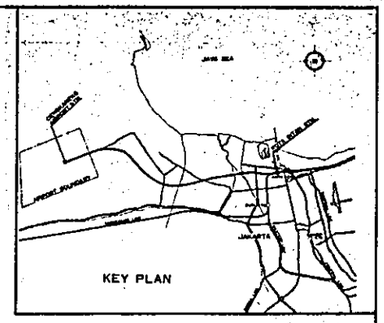
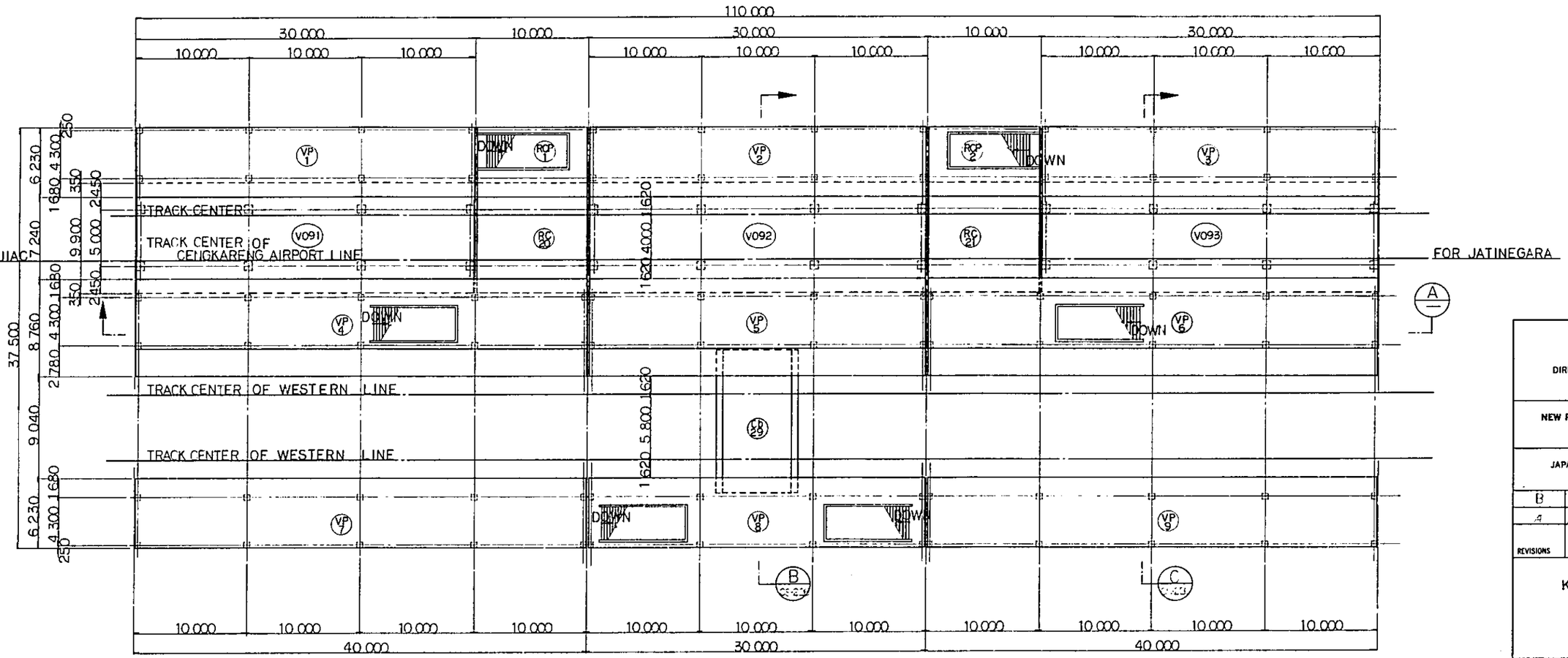




NOTE :

1. ALL DIMENSIONS ARE SHOWN IN MILLIMETERS UNLESS OTHERWISE INDICATED



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NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

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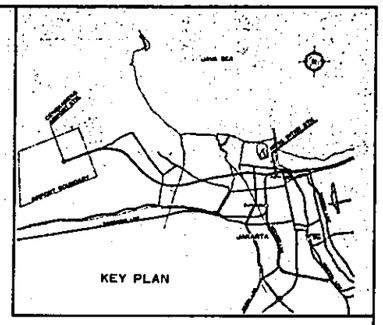
B	1 AUG '84	K.I	m.y	K.A	K.M	
A	15 FEB. 84	K.I	m.y	K.A	K.M	

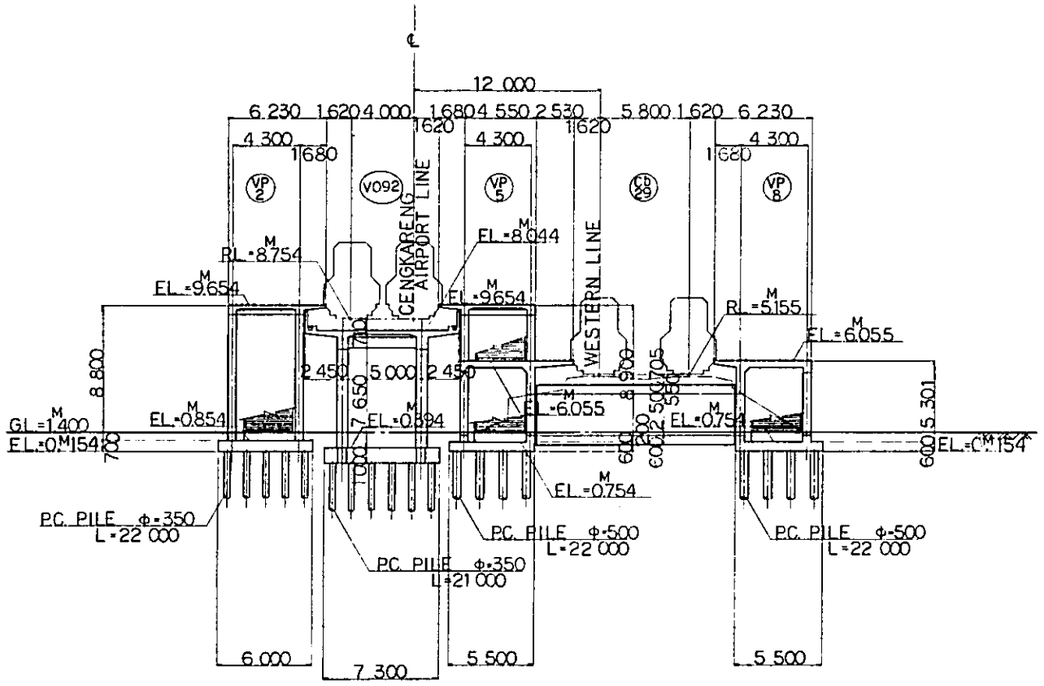
KOTA INTAN STATION
GENERAL VIEW
(SHEET 1 OF 2)

PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE 1:200

DRAWING NO: CS-225





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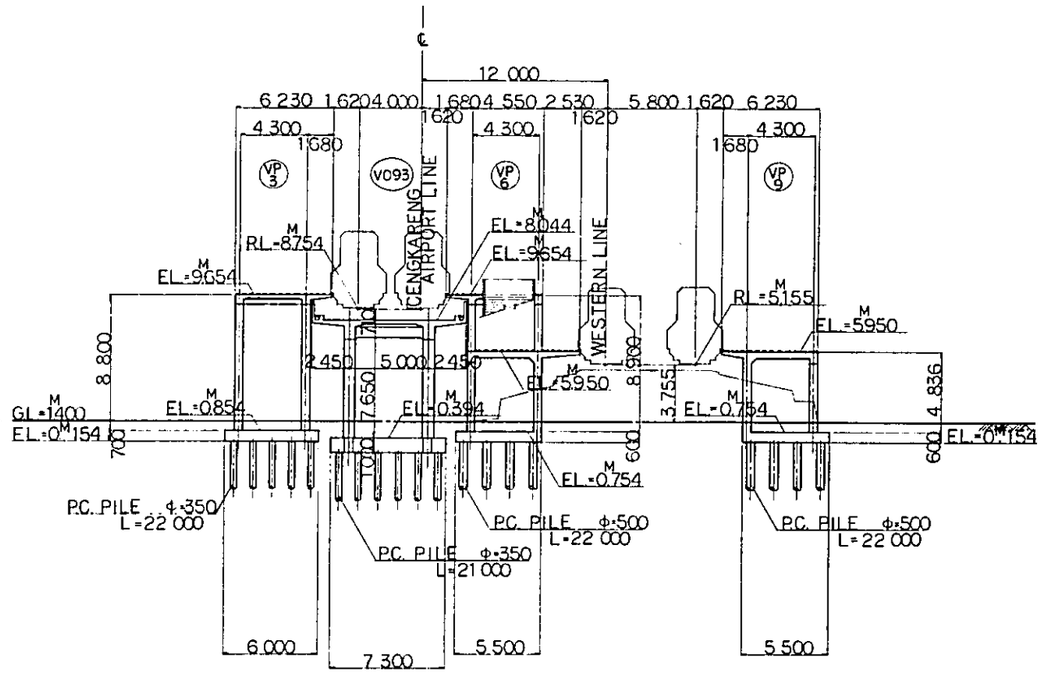

SECTION (C) (17KM400M.000)

CROSS SECTION OF KOTA INTAN STATION

NOTE :

1. ALL DIMENSIONS ARE SHOWN IN MILLIMETERS UNLESS OTHERWISE INDICATED

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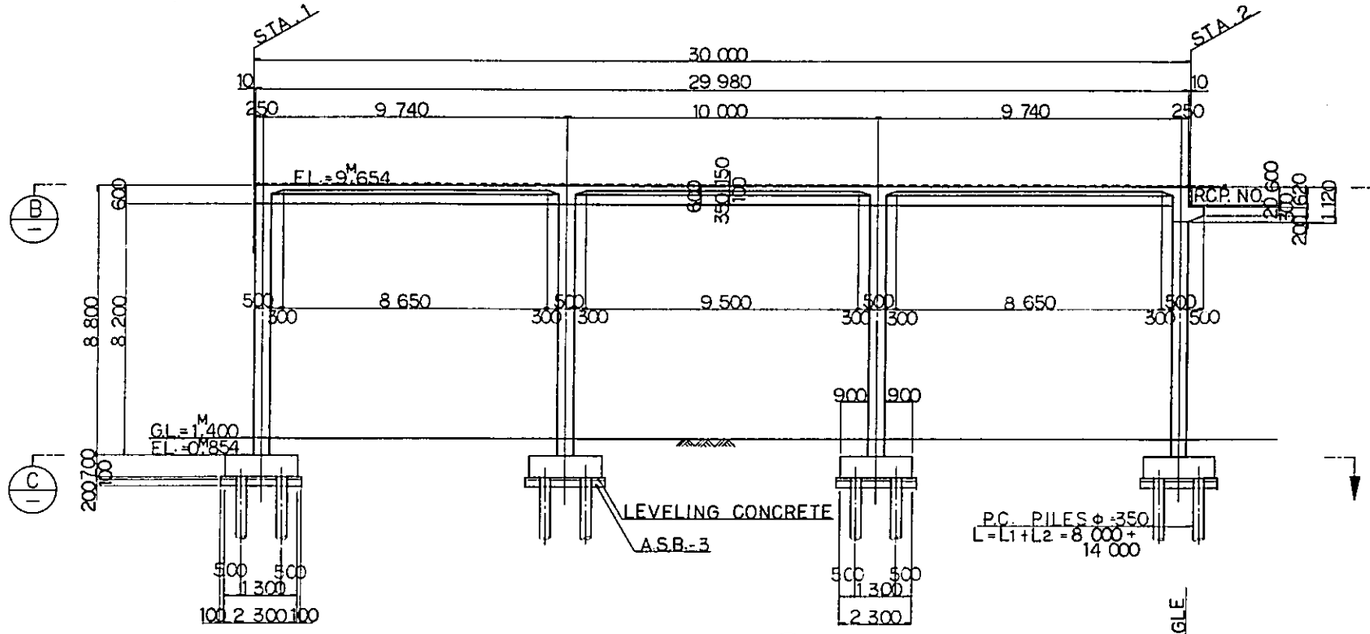
B	1 AUG.'84	K.I	M.Y	K.A	K.M	M.K
A	15 FEB.'84	K.I	M.Y	K.A	K.M	M.K

KOTA INTAN STATION
GENERAL VIEW
(SHEET 2 OF 2)

PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE 1:200

DRAWING NO: CS-226



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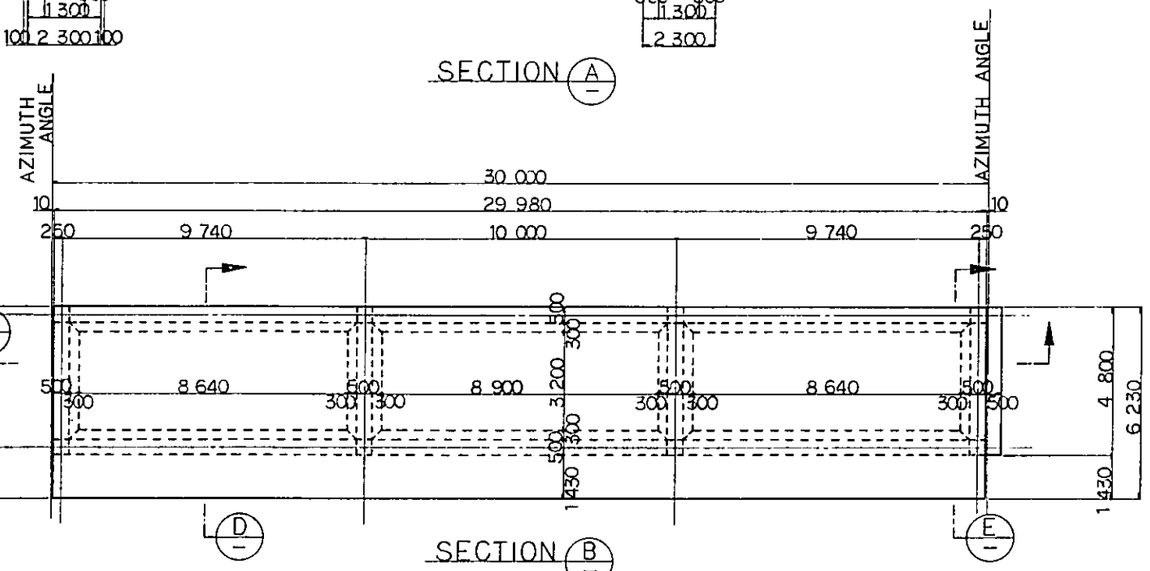

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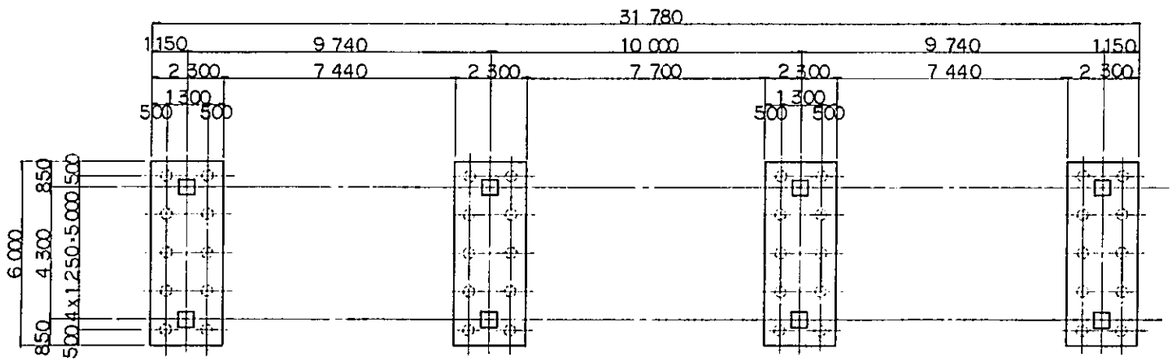

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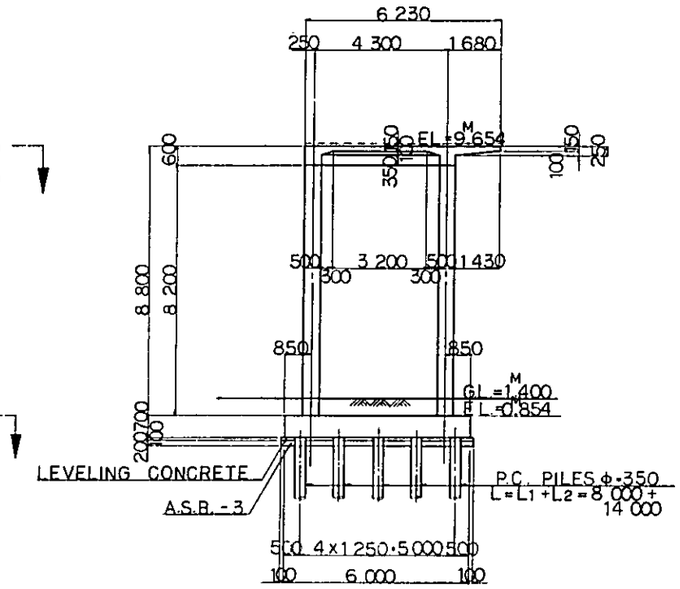
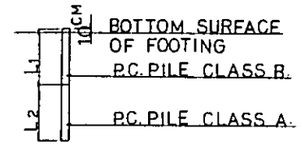


SECTION (D)

SECTION (E)

NOTES :

1. ALL DIMENSIONS ARE SHOWN IN MILLIMETERS UNLESS OTHERWISE INDICATED
2. REFERENCE DRAWING FOR BAR ARRANGEMENT: CS-229~233.
3. TYPES OF P.C. PILE



DESIGN CRITERIA

DESIGN LOAD	TRAIN LOAD	EQUIVALENT TO KS-16
	SEISMIC EFFECT	IN HORIZONTAL DIRECTION Kh=0.1
		IN VERTICAL DIRECTION Kh=0.
ALLOWABLE STRESS	REINFORCING BAR	ALLOWABLE TENSILE STRESS 1800kg/cm²
	CONCRETE	ALLOWABLE COMPRESSIVE STRESS 90kg/cm²
MATERIAL	TYPE OF REINFORCING BAR	SD-30 BAR
	CONCRETE OF DESIGN CRITERIA STRENGTH	σck=240kg/cm²
	MAX. SIZE OF COARSE AGGREGATE	25mm

DIMENSION SCHEDULE

		STATION	AZIMUTH ANGLE	RCP NO.
(VP-1)	STA. 1	17KM 310M 000	345° 30′ 45″	——
	STA. 2	17KM 340M 000	〃	RCP 1
(VP-3)	STA. 2	17KM 380M 000	345° 30′ 45″	RCP 2
	STA. 1	17KM 420M 000	〃	——

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A	16 FEB '84	K.I	M.Y	K.I	K.M	M.K

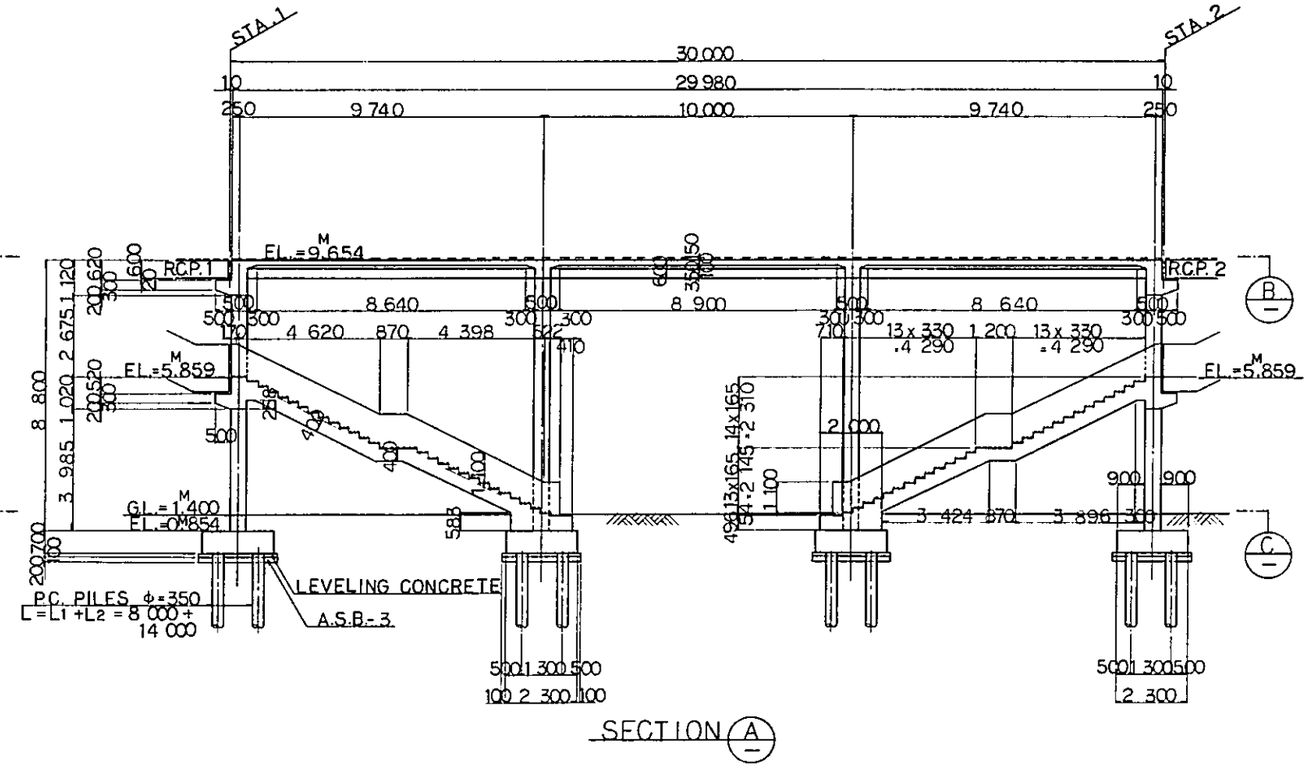
PLATFORM VP1, VP3

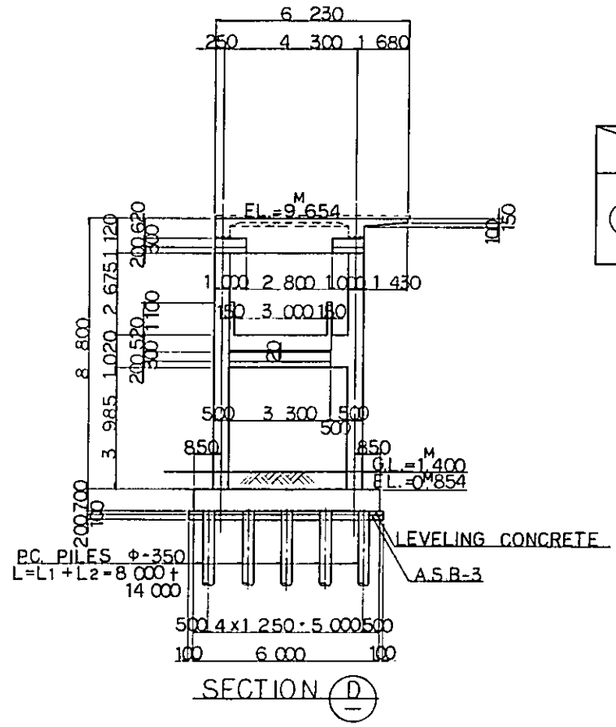
GENERAL VIEW

PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE 1:100

DRAWING NO. CS-227



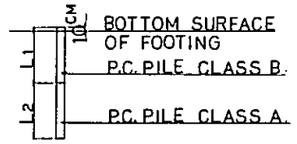


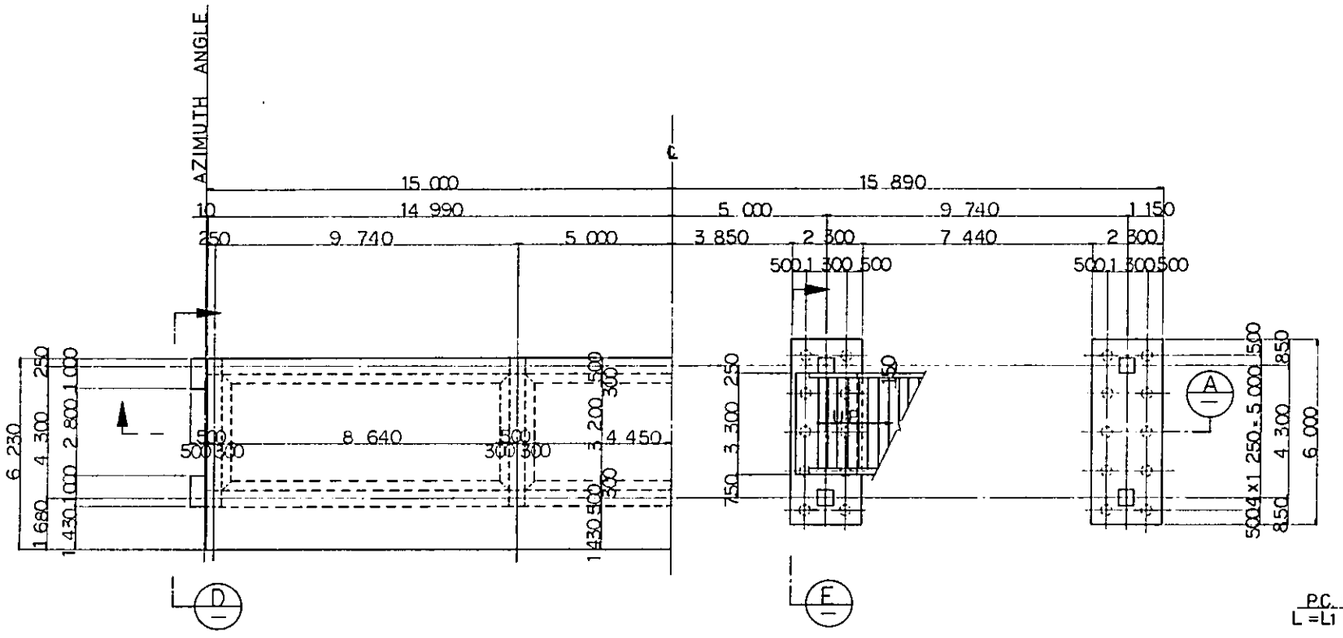
DIMENSION SCHEDULE

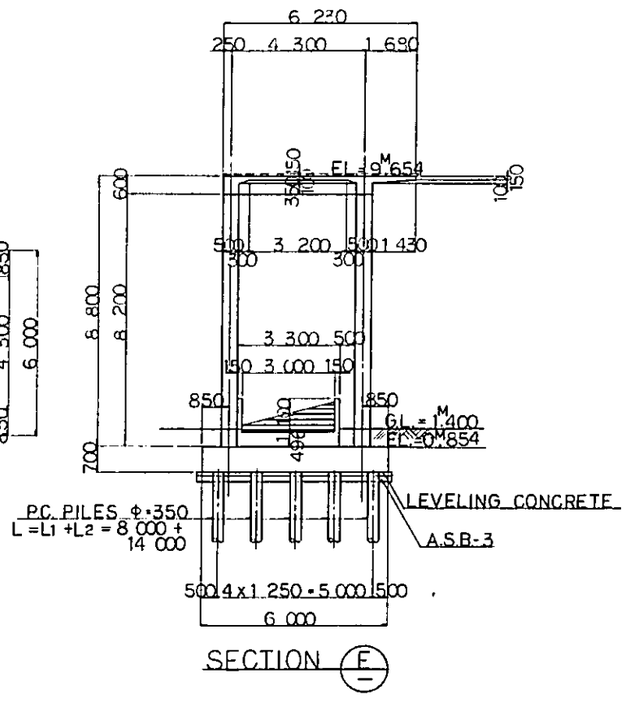
		STATION	AZIMUTH ANGLE
VP2	STA.1	17KM 350M 000	345° 30′ 45″
	STA.2	17KM 380M 000	〃

NOTES :

1. ALL DIMENSIONS ARE SHOWN IN MILLIMETERS UNLESS OTHERWISE INDICATED
2. REFERENCE DRAWING FOR BAR ARRANGEMENT: CS-229~234.
3. TYPES OF P.C. PILE







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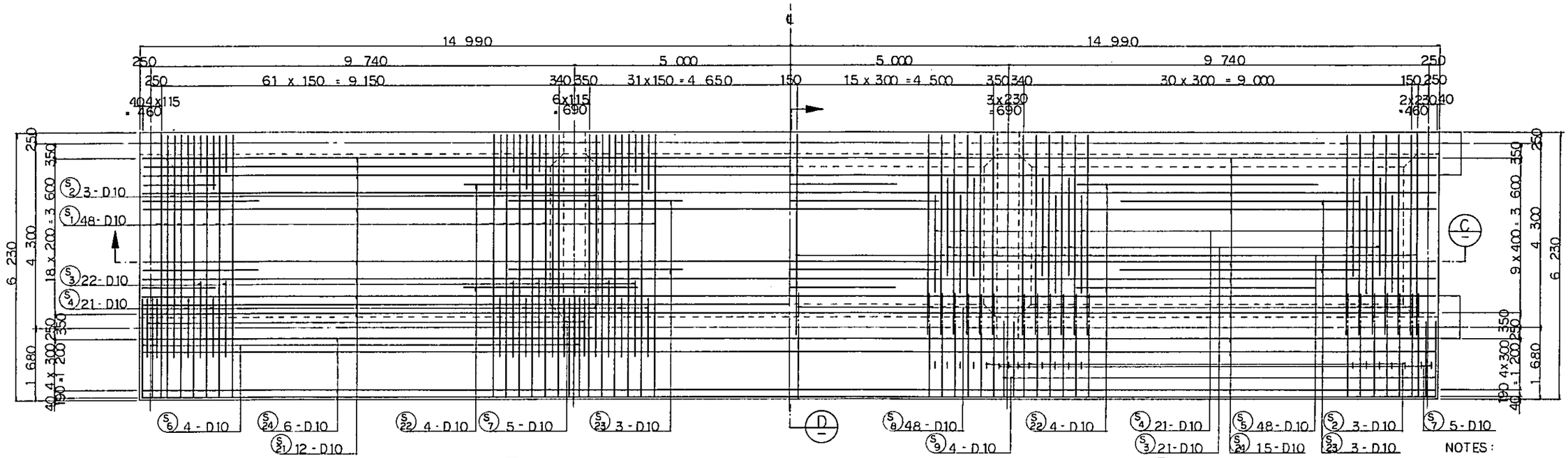
B	1AUG.'84	K.I	m.y	K.I	K.M	m.K
A	SEP.'84	K.I	m.y	K.I	K.M	m.K

PLATFORM VP2
GENERAL VIEW

PACKAGE: I CIVIL AND ARCHITECTURAL WORK

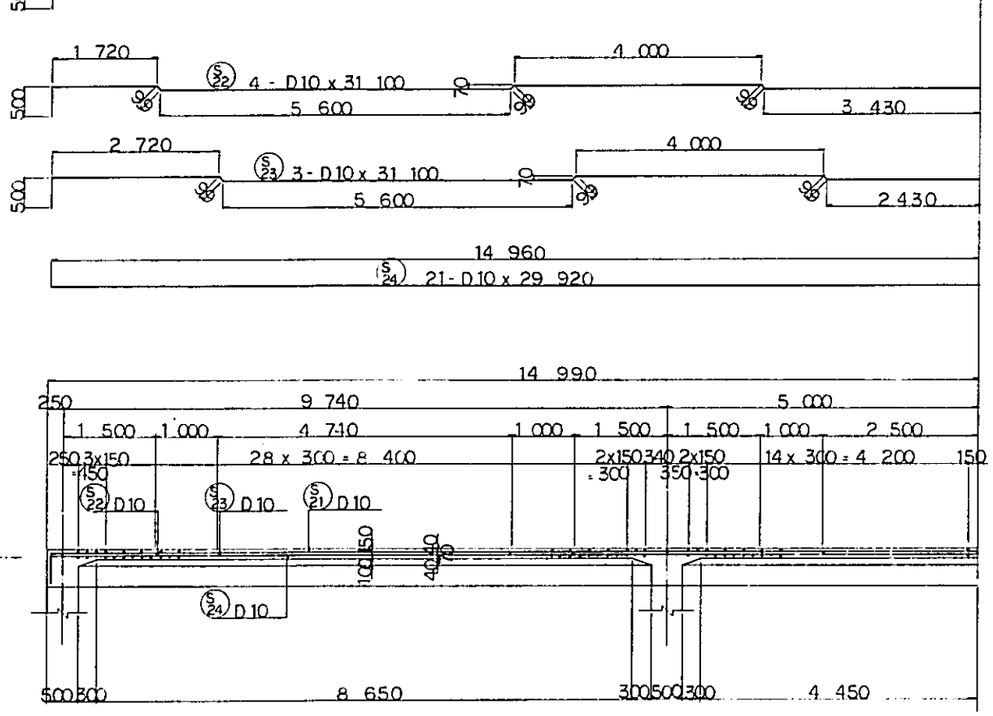
SCALE 1:100

DRAWING NO. CS-228



SECTION A

SECTION B



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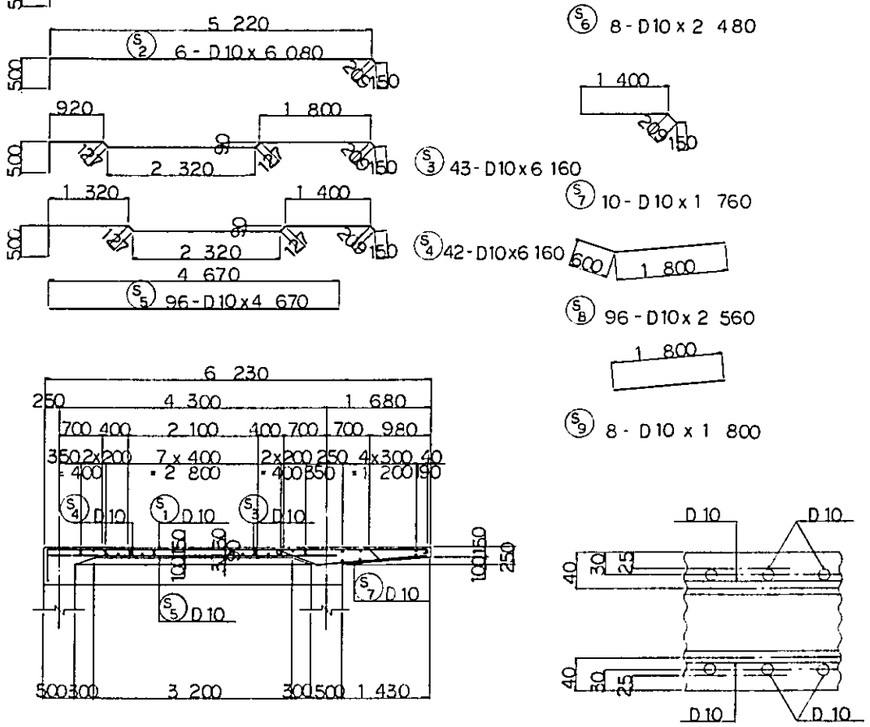

SECTION D

CONCRETE COVER

NOTES:

1. ALL DIMENSIONS ARE SHOWN IN MILLIMETERS UNLESS OTHERWISE INDICATED
2. REFERENCE DRAWING FOR GENERAL VIEW : CS-228

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JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

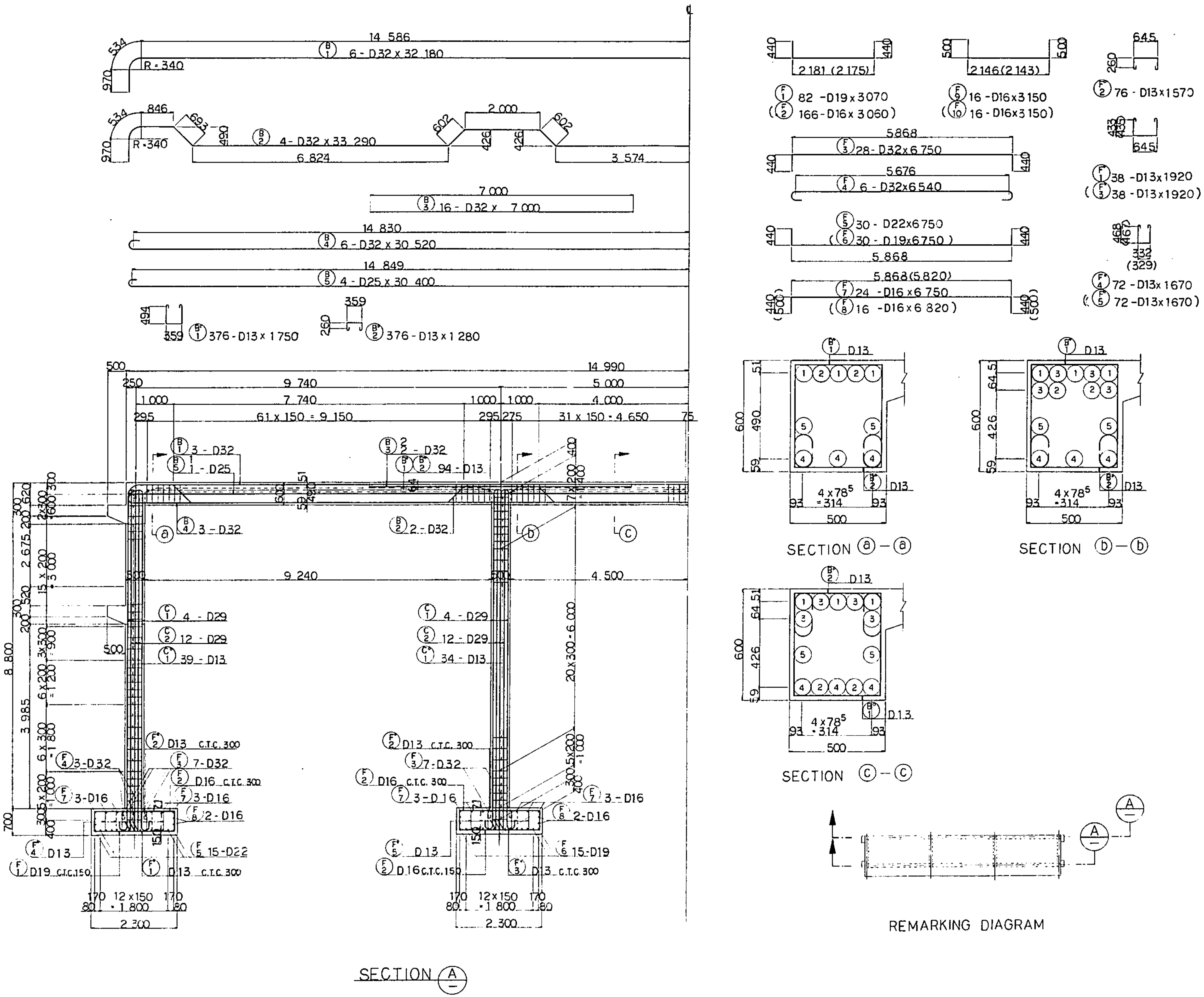
REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1 AUG. '84	K.A	M.Y	A.A	K.M	M.K
A	16 FEB. '84	K.A	M.Y	K.A	K.M	M.K

PLATFORM VP2 BAR ARRANGEMENT (SHEET 1 OF 6)

PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE 1 : 50

DRAWING NO. CS-229



NOTES:

1. ALL DIMENSIONS ARE SHOWN IN MILLIMETERS UNLESS OTHERWISE INDICATED
2. REFERENCE DRAWING FOR GENERAL VIEW : CS-228.

REPUBLIC OF INDONESIA
MINISTRY OF COMMUNICATIONS
DIRECTORATE GENERAL OF LAND TRANSPORT AND INLAND WATERWAYS

NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

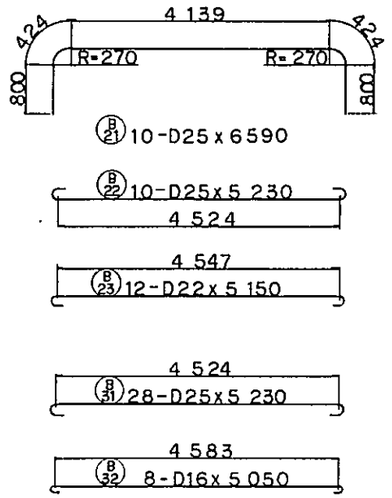
REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1 AUG '84					
A	1 FEB '84					

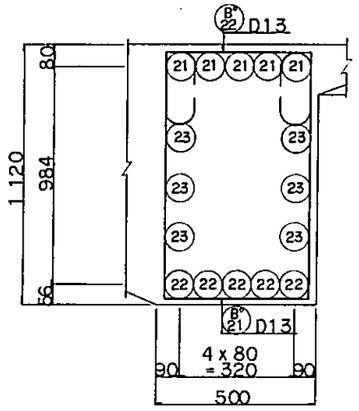
PLATFORM VP2
BAR ARRANGEMENT
(SHEET 2 OF 6)

PACKAGE: I CIVIL AND ARCHITECTURAL WORK

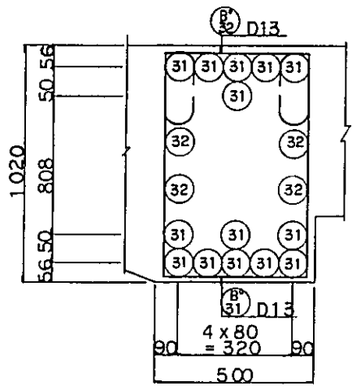
SCALE: 1 : 50

DRAWING NO: CS–230

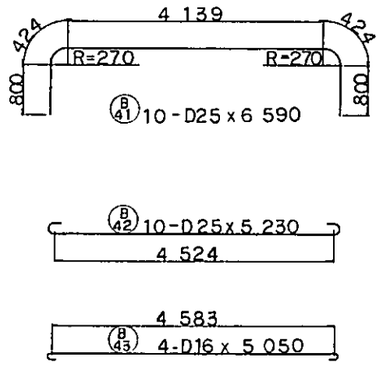


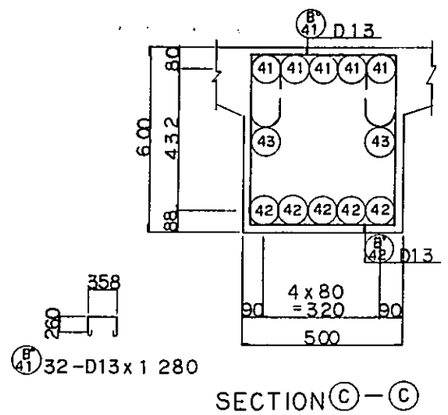


SECTION ⓐ — ⓐ

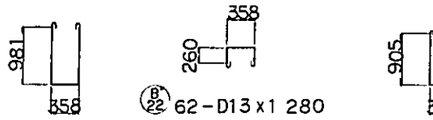


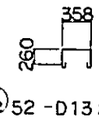
SECTION ⓑ — ⓑ

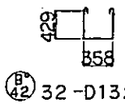




SECTION ⓒ — ⓒ

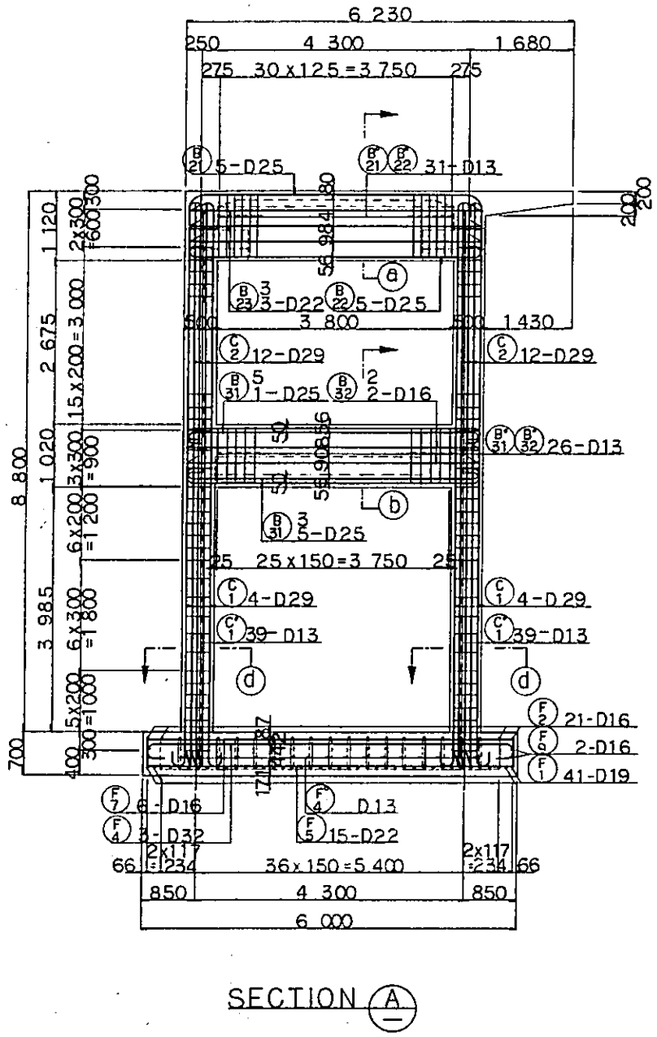




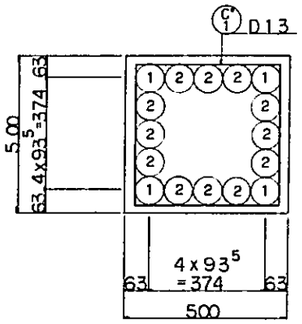


NOTES:

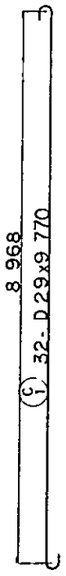
1. ALL DIMENSIONS ARE SHOWN IN MILLIMETERS UNLESS OTHERWISE INDICATED
2. REFERENCE DRAWING FOR GENERAL VIEW : CS - 228.

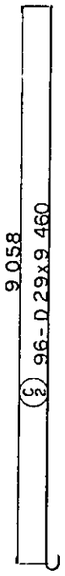


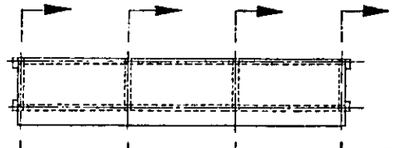
SECTION Ⓐ



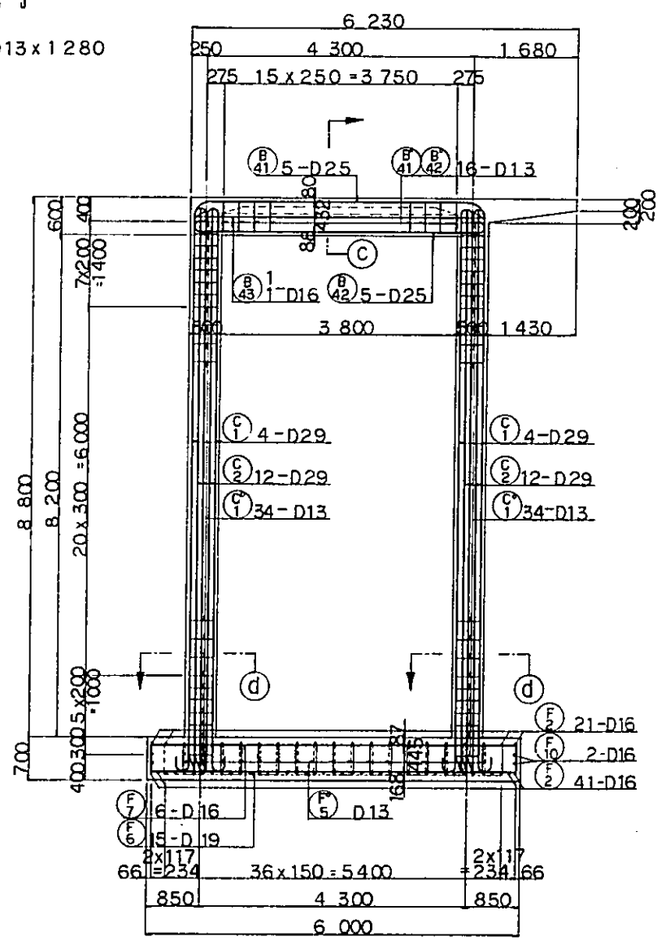
SECTION ⓓ — ⓓ







REMARKING DIAGRAM



SECTION Ⓑ

REPUBLIC OF INDONESIA
MINISTRY OF COMMUNICATIONS
DIRECTORATE GENERAL OF LAND TRANSPORT AND INLAND WATERWAYS

NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

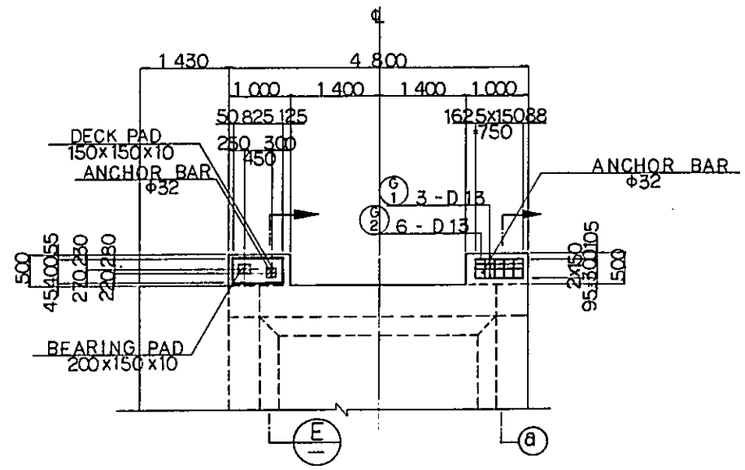
REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1 AUG. '84	K.N	m.y	K.I	K.M	m.K
A	[illegible]	K.N	m.y	K.I	K.M	m.K

PLATFORM VP2
BAR ARRANGEMENT
(SHEET 3 OF 6)

PACKAGE: I CIVIL AND ARCHITECTURAL WORK

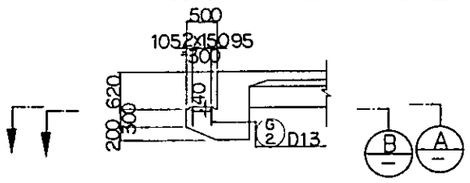
SCALE: 1 : 50

DRAWING NO.: CS - 231

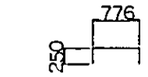


SECTION (A) — SCALE 1:50

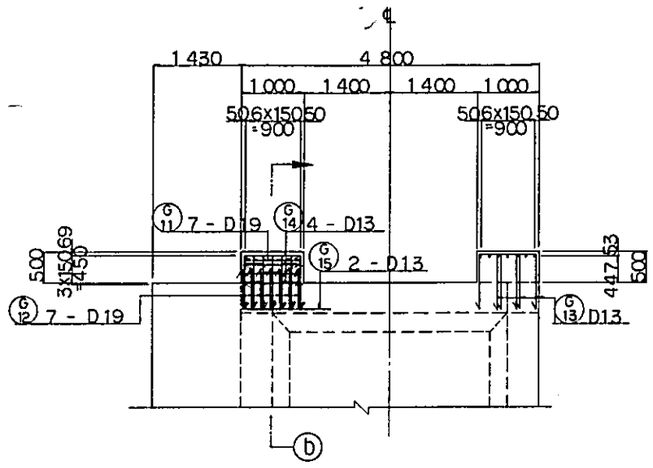
SECTION (B) — SCALE 1:50



SECTION (a) — (a) SCALE 1:50

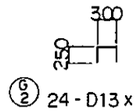


(G1) 12 - D13 x 1 280

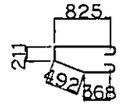


SECTION (C) — SCALE 1:50

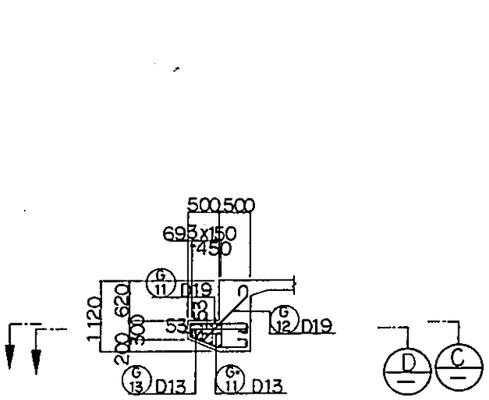
SECTION (D) — SCALE 1:50



(G2) 24 - D13 x 800



(G11) 28 - D19 x 2 440

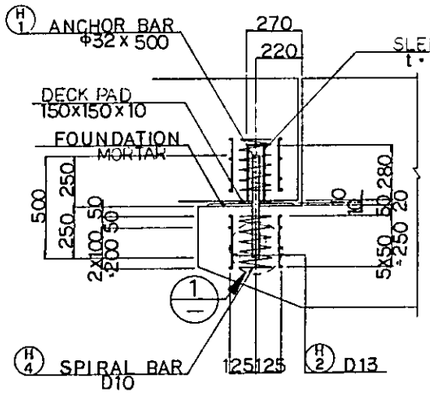


SECTION (b) — (b) SCALE 1:50

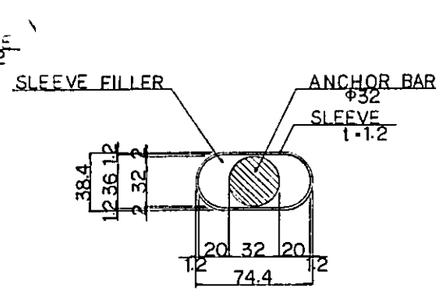
(G12) 28 - D19 x 1640

NOTES:

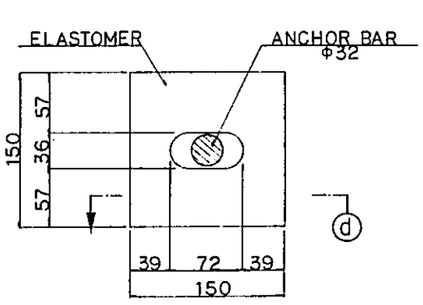
1. ALL DIMENSIONS ARE SHOWN IN MILLIMETERS UNLESS OTHERWISE INDICATED
2. REFERENCE DRAWING FOR GENERAL VIEW : CS-228.



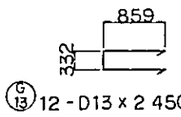
SECTION (E) — SCALE 1:15



DETAIL OF ANCHORING — SCALE 1:2

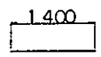


DETAIL OF DECK PAD — SCALE 1:3

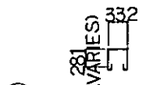


(G13) 12 - D13 x 2 450

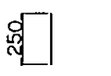
(G14) 36 - D13 x 1 220



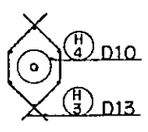
(G15) 8 - D13 x 1 400



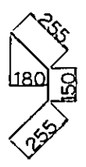
(G11) 20 - D13 x 1 300 (VARIES)



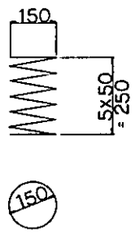
(H2) 24 - D13 x 250



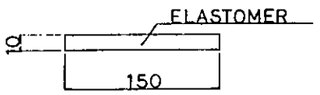
DETAIL (1) — SCALE 1:15



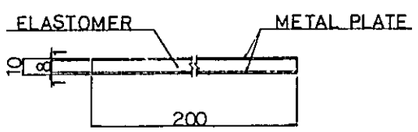
(H3) 32 - D13 x 660



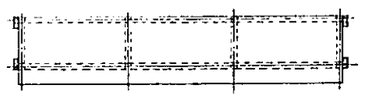
(H4) 4 - D10 x 3 300



SECTON (d) — (d)



DETAIL OF BEARING PAD



REMARKING DIAGRAM

REPUBLIC OF INDONESIA
MINISTRY OF COMMUNICATIONS
DIRECTORATE GENERAL OF LAND TRANSPORT AND INLAND WATERWAYS

NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

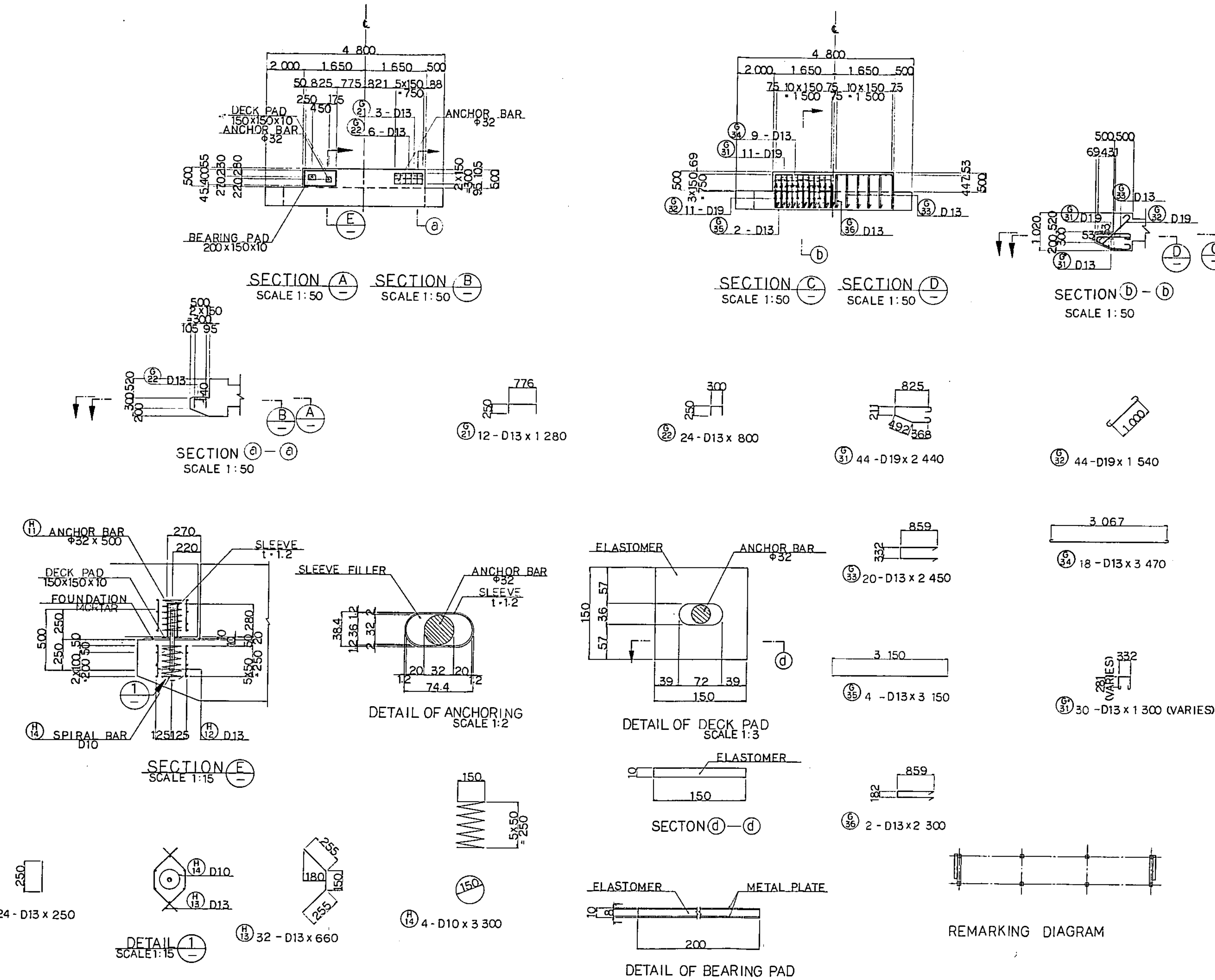
REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1 AUG. '84	K.V	m.y	K.A	K.M	m.K
A	11 SEP. '84	K.V	m.y	K.A	K.M	m.K

PLATFORM VP2
BAR ARRANGEMENT
(SHEET 4 OF 6)

PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE: AS NOTED

DRAWING NO.: CS-232



NOTES:

1. ALL DIMENSIONS ARE SHOWN IN MILLIMETERS UNLESS OTHERWISE INDICATED
2. REFERENCE DRAWING FOR GENERAL VIEW : CS-228.

REPUBLIC OF INDONESIA
MINISTRY OF COMMUNICATIONS
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NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

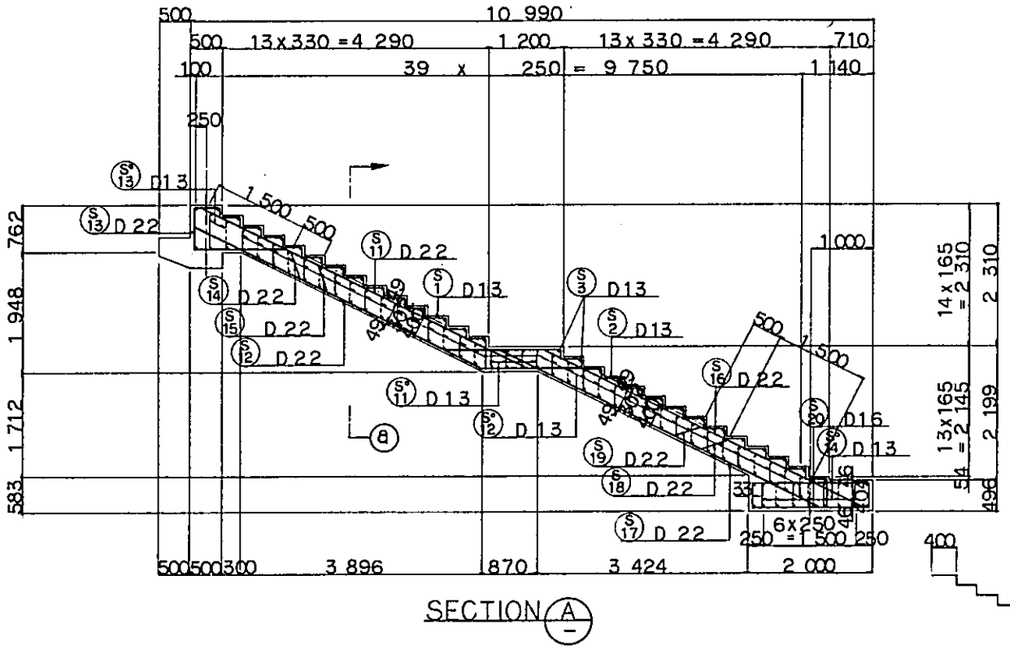
REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1 AUG '84	K.I	m.y	K.A	K.M	m.K
A	[illegible] '84	K.I	m.y	K.A	K.M	m.K

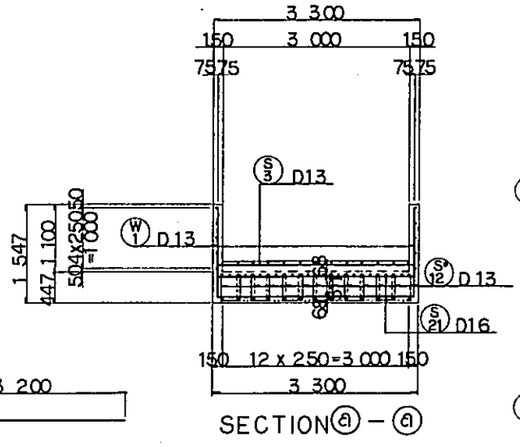
PLATFORM VP2
BAR ARRANGEMENT
(SHEET 5 OF 6)

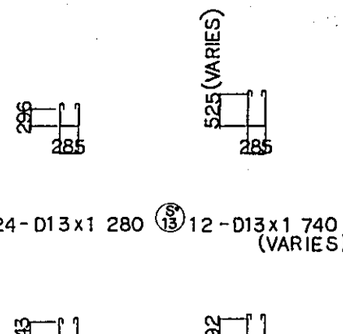
PACKAGE: I CIVIL AND ARCHITECTURAL WORK

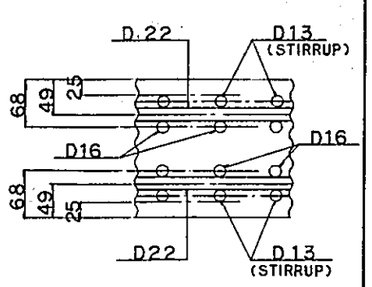
SCALE: AS NOTED

DRAWING NO: CS-233

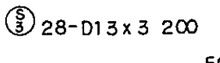


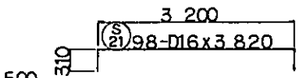


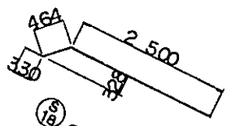


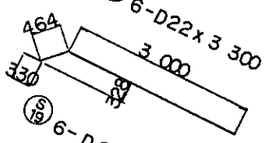


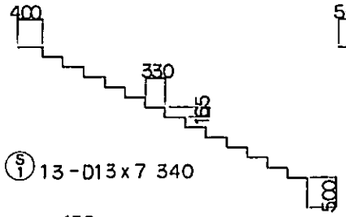
CONCRETE COVER

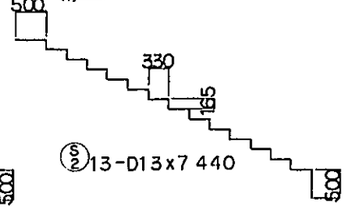


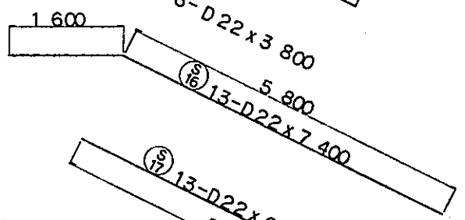


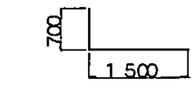


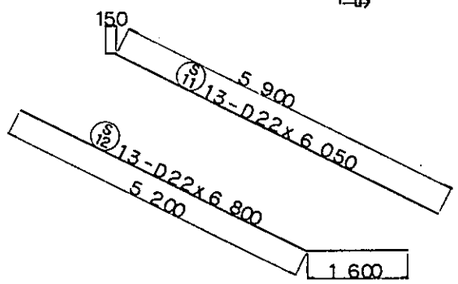


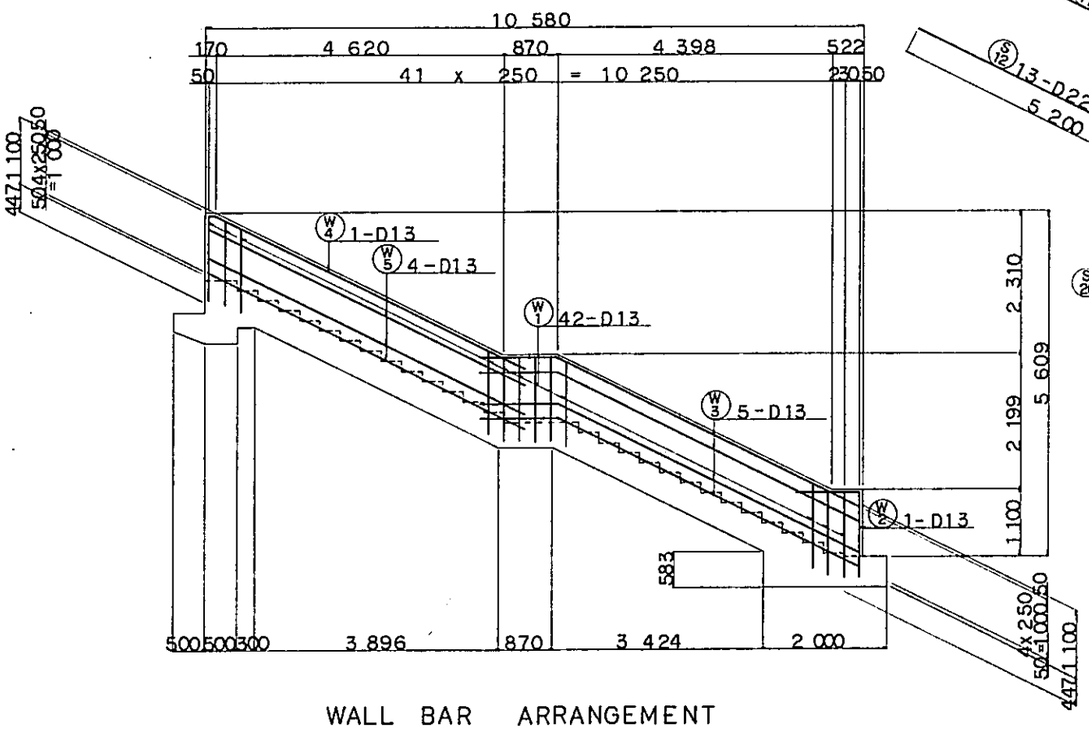




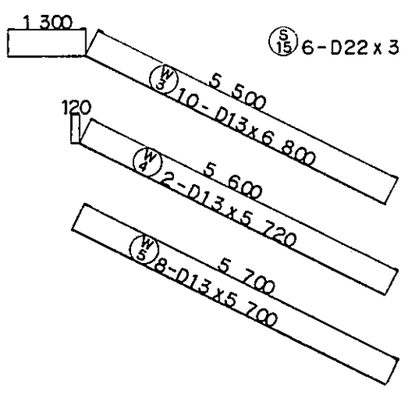


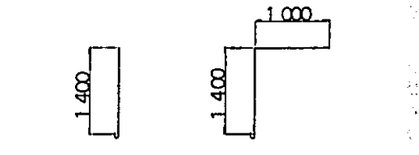


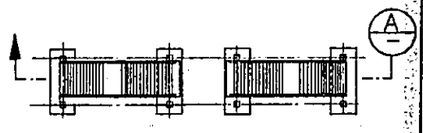




WALL BAR ARRANGEMENT







REMARKING DIAGRAM

NOTES:

1. ALL DIMENSIONS ARE SHOWN IN MILLIMETERS UNLESS OTHERWISE INDICATED
2. REFERENCE DRAWING FOR GENERAL VIEW :CS-228.

REPUBLIC OF INDONESIA
MINISTRY OF COMMUNICATIONS
DIRECTORATE GENERAL OF LAND TRANSPORT AND INLAND WATERWAYS

NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

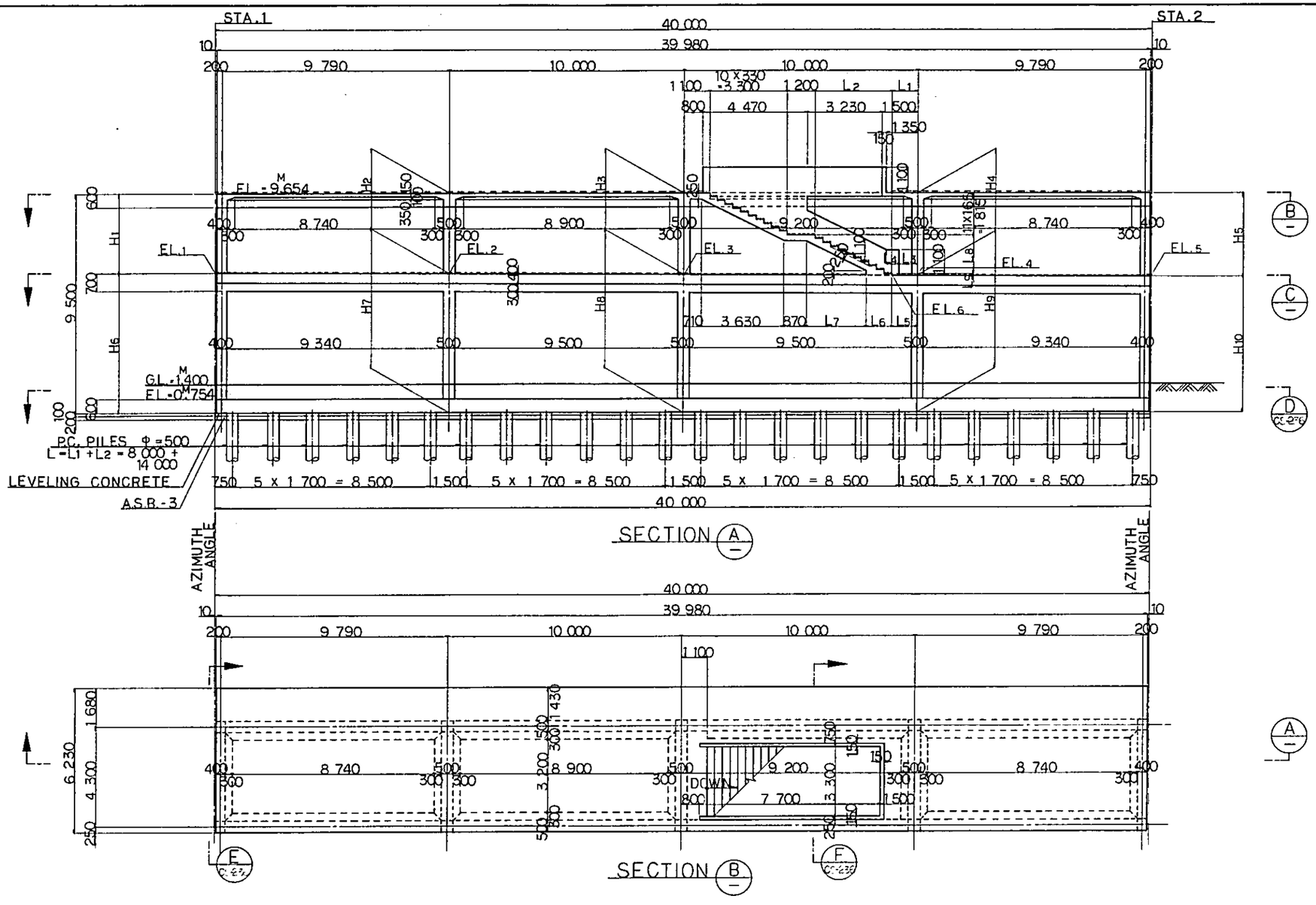
REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1AUG.'84	K.I	M.Y	K.A	K.M	M.K
A	6FEB.'84	K.I	M.Y	K.A	K.M	M.K

PLATFORM VP2
BAR ARRANGEMENT
(SHEET 6 OF 6)

PACKAGE: I CIVIL AND ARCHITECTURAL WORK

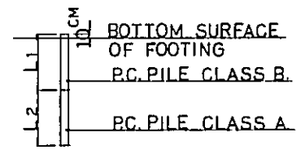
SCALE 1:50

DRAWING NO. CS-234



NOTES :

1. ALL DIMENSIONS ARE SHOWN IN MILLIMETERS UNLESS OTHERWISE INDICATED
2. REFERENCE DRAWING FOR BAR ARRANGEMENT: CS-238 ~ 244.
3. TYPES OF P.C. PILE



DESIGN CRITERIA

DESIGN LOAD	TRAIN LOAD	EQUIVALENT TO KS-16
	SEISMIC EFFECT	IN HORIZONTAL DIRECTION Kh=0.1
		IN VERTICAL DIRECTION Kh=0
ALLOWABLE STRESS	REINFORCING BAR	ALLOWABLE TENSILE STRESS 1800kg/cm²
	CONCRETE	ALLOWABLE COMPRESSIVE STRESS 90kg/cm²
MATERIAL	TYPE OF REINFORCING BAR	SD-30
	CONCRETE OF DESIGN CRITERIA STRENGTH	σck=240kg/cm²
	MAX SIZE OF COARSE AGGREGATE	25mm

REPUBLIC OF INDONESIA
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NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

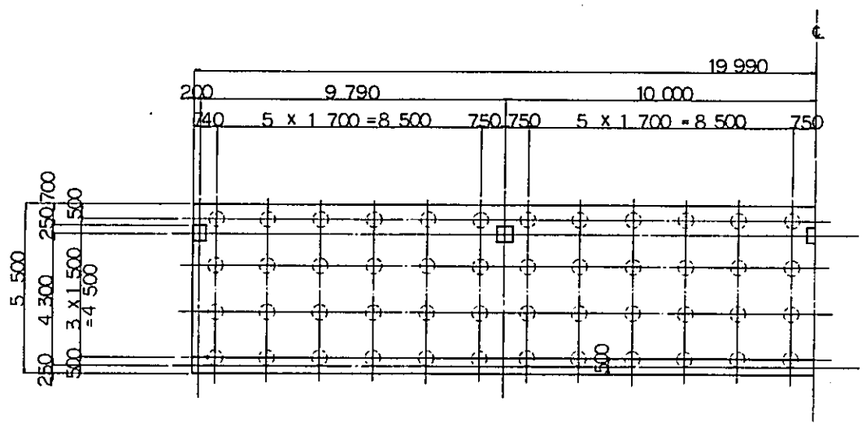
REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1 AUG '84	K.Y	M.Y	K.A	K.M	A.K
A	AUG '84	K.Y	M.Y	K.A	K.M	A.K

PLATFORM VP4, VP6
GENERAL VIEW
(SHEET 1 OF 2)

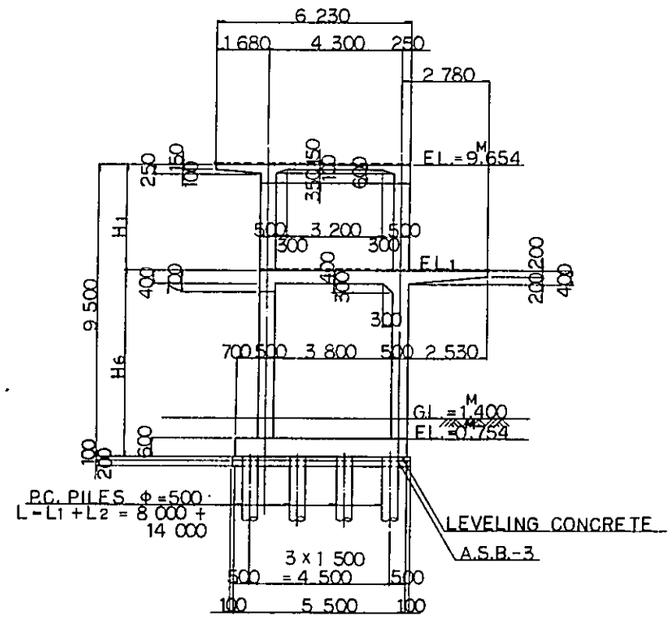
PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE 1 : 100

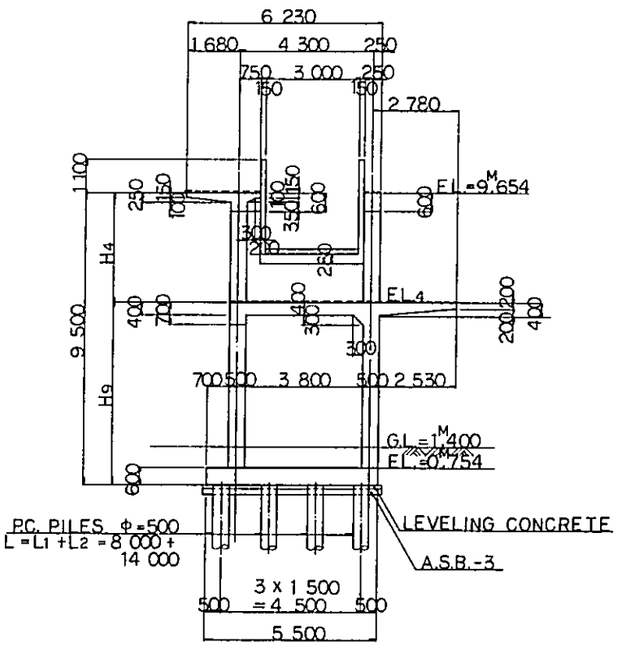
DRAWING NO: CS-235



SECTION (D) CS-235



SECTION (E) CS235



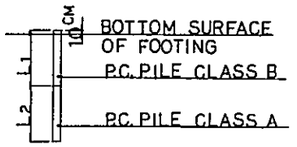
SECTION (F) CS235

DIMENSION SCHEDULE

NO.	(VP 4)	(VP 6)	REMARKS
STA 1	17KM 310M.000	17KM 420M.000	
STA 2	17KM 350M.000	17KM 380M.000	
AZIMUTH ANGLE	345°30'45"	345°30'45"	
H1	3.434	3.764	
H2	3.464	3.734	
H3	3.494	3.704	
H4	3.524	3.674	
H5	3.554	3.644	
H6	6.066	5.736	
H7	6.036	5.766	
H8	6.006	5.796	
H9	5.976	5.826	
H10	5.946	5.856	
EL.1	6M.220	5M.890	
EL.2	6M.190	5M.920	
EL.3	6M.160	5M.950	
EL.4	6M.130	5M.980	
EL.5	6M.100	6M.010	
EL.6	6M.133	5M.978	
L1	1.100	770	
L2	10 x 330 = 3.300	11 x 330 = 3.630	
L3	800	470	
L4	518	538	
L5	850	520	
L6	1.178	1.198	
L7	2.512	2.822	
L8	10 x 165 = 1.650	11 x 165 = 1.815	
L9	56	46	

NOTES :

1. ALL DIMENSIONS ARE SHOWN IN MILLIMETERS UNLESS OTHERWISE INDICATED
2. REFERENCE DRAWING FOR BAR ARRANGEMENT: CS-238 ~ 244
3. TYPES OF P.C. PILE



REPUBLIC OF INDONESIA
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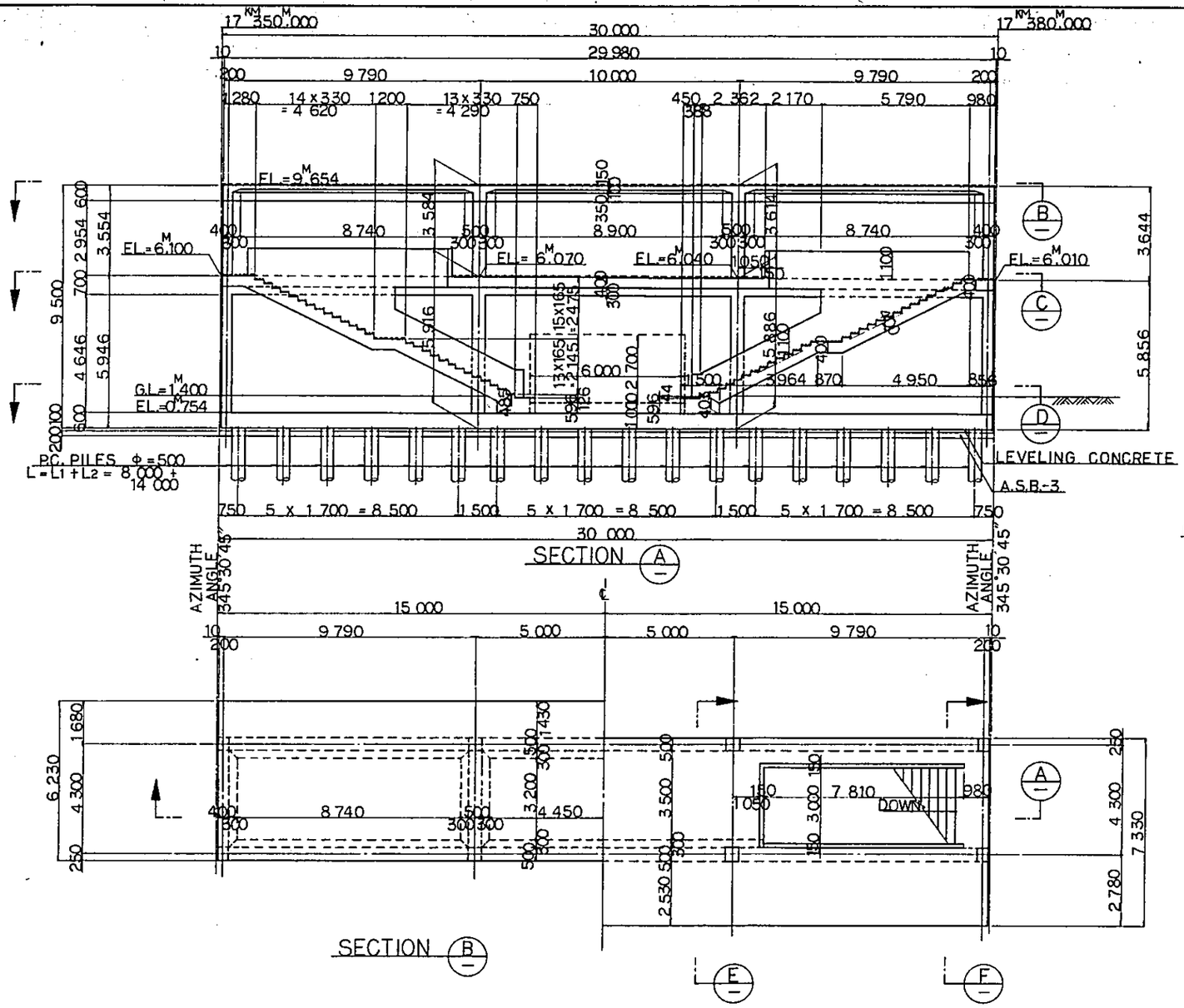
REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1 AUG '84	K.Y	m.y	K.S	K.M	K
A	15 FEB '84	K.Y	m.y	K.S	K.M	K

PLATFORM VP4, VP6
GENERAL VIEW
(SHEET 2 OF 2)

PACKAGE: I CIVIL AND ARCHITECTURAL WORK

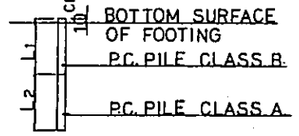
SCALE 1 : 100

DRAWING NO. CS-236



NOTES :

1. ALL DIMENSIONS ARE SHOWN IN MILLIMETERS UNLESS OTHERWISE INDICATED
2. REFERENCE DRAWING FOR BAR ARRANGEMENT: CS-238 ~ 244
3. TYPES OF P.C. PILE



DESIGN CRITERIA

DESIGN LOAD	TRAIN LOAD	EQUIVALENT TO KS-16
	SEISMIC EFFECT	IN HORIZONTAL DIRECTION Kh=0.1
		IN VERTICAL DIRECTION Kh=0
ALLOWABLE STRESS	REINFORCING BAR	ALLOWABLE TENSILE STRESS 1800 kg/cm²
	CONCRETE	ALLOWABLE COMPRESSIVE STRESS 90 kg/cm²
MATERIAL	TYPE OF REINFORCING BAR	SD-30
	CONCRETE OF DESIGN CRITERIA STRENGTH	σck=240 kg/cm²
	MAX SIZE OF COARSE AGGREGATE	25mm

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JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

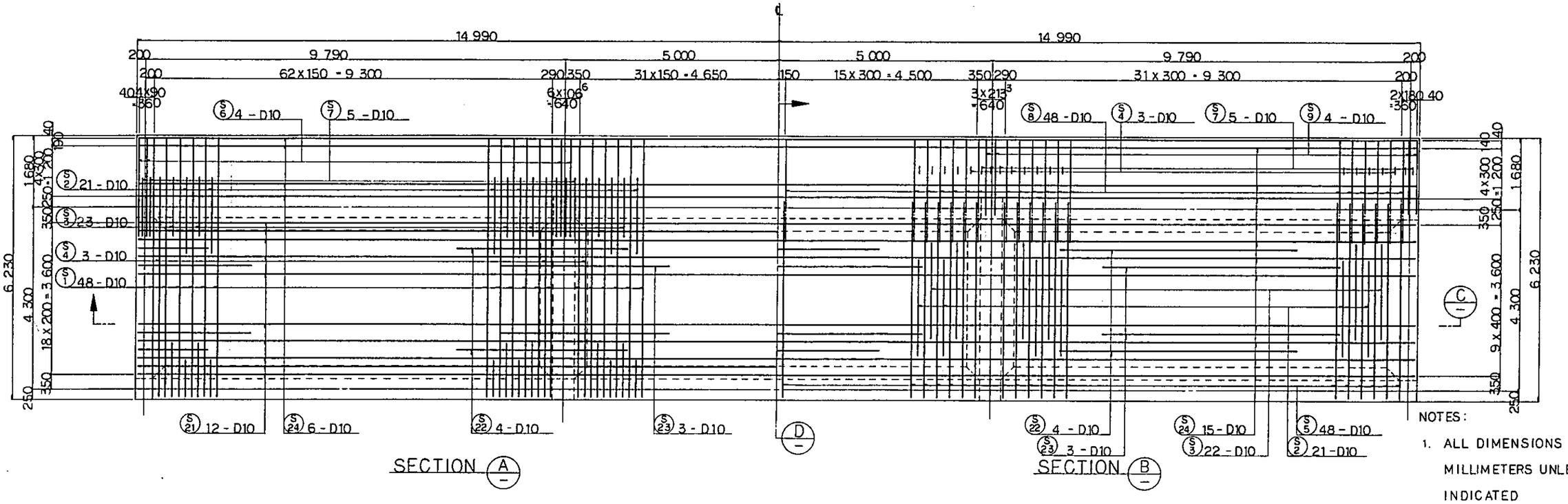
REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1 AUG '84	K.J	M.Y	K.A	K.M	M.R
A	1 FEB '84	K.J	M.Y	K.A	K.M	M.R

PLATFORM VP5
GENERAL VIEW

PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE 1 : 100

DRAWING NO: CS-237

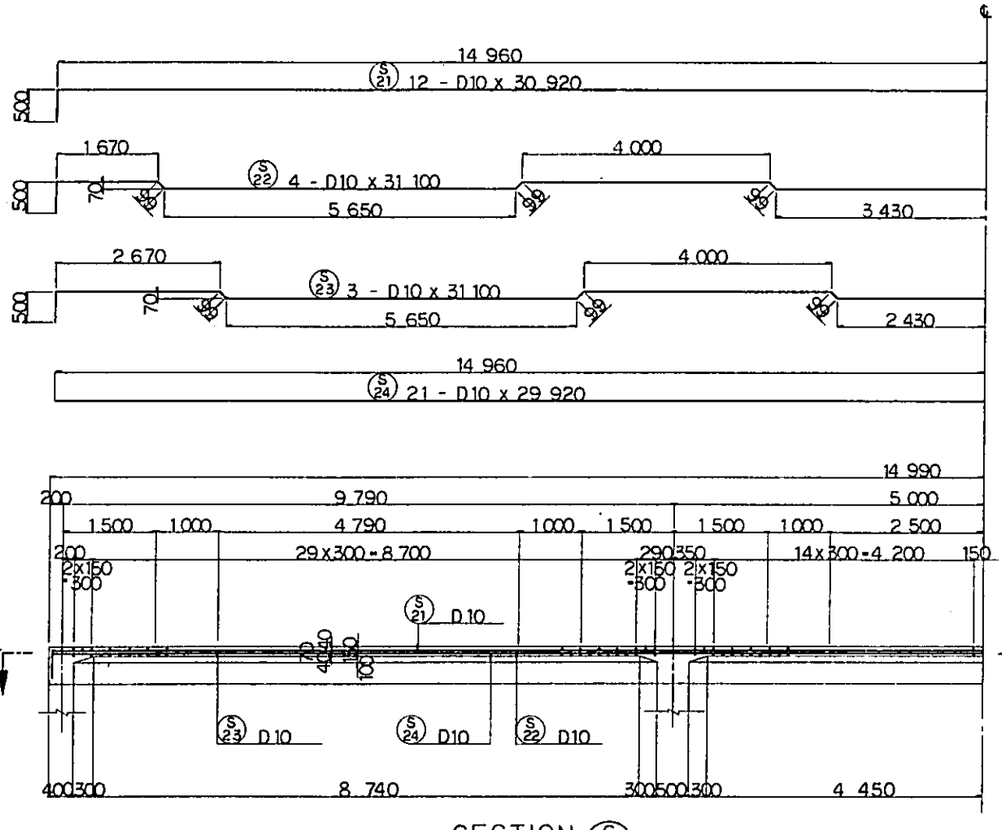


SECTION A

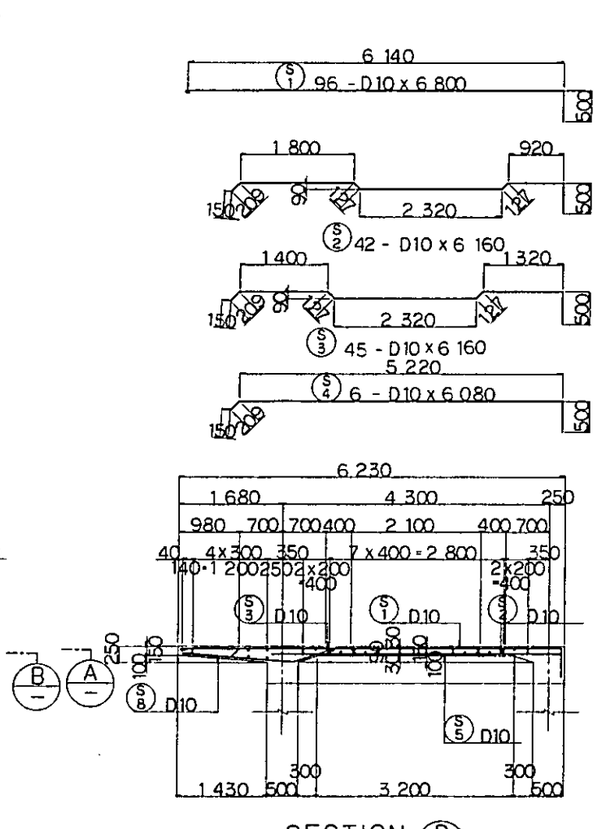
SECTION B

NOTES:

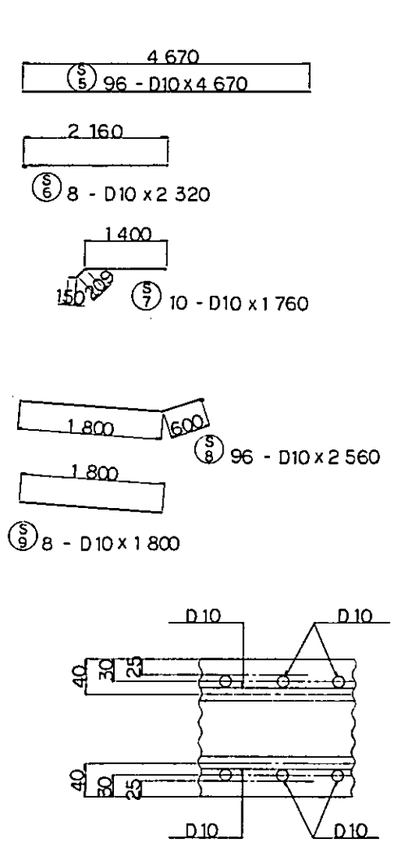
1. ALL DIMENSIONS ARE SHOWN IN MILLIMETERS UNLESS OTHERWISE INDICATED
2. REFERENCE DRAWING FOR GENERAL VIEW : CS-237



SECTION C



SECTION D



CONCRETE COVER

REPUBLIC OF INDONESIA
MINISTRY OF COMMUNICATIONS
DIRECTORATE GENERAL OF LAND TRANSPORT AND INLAND WATERWAYS

NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

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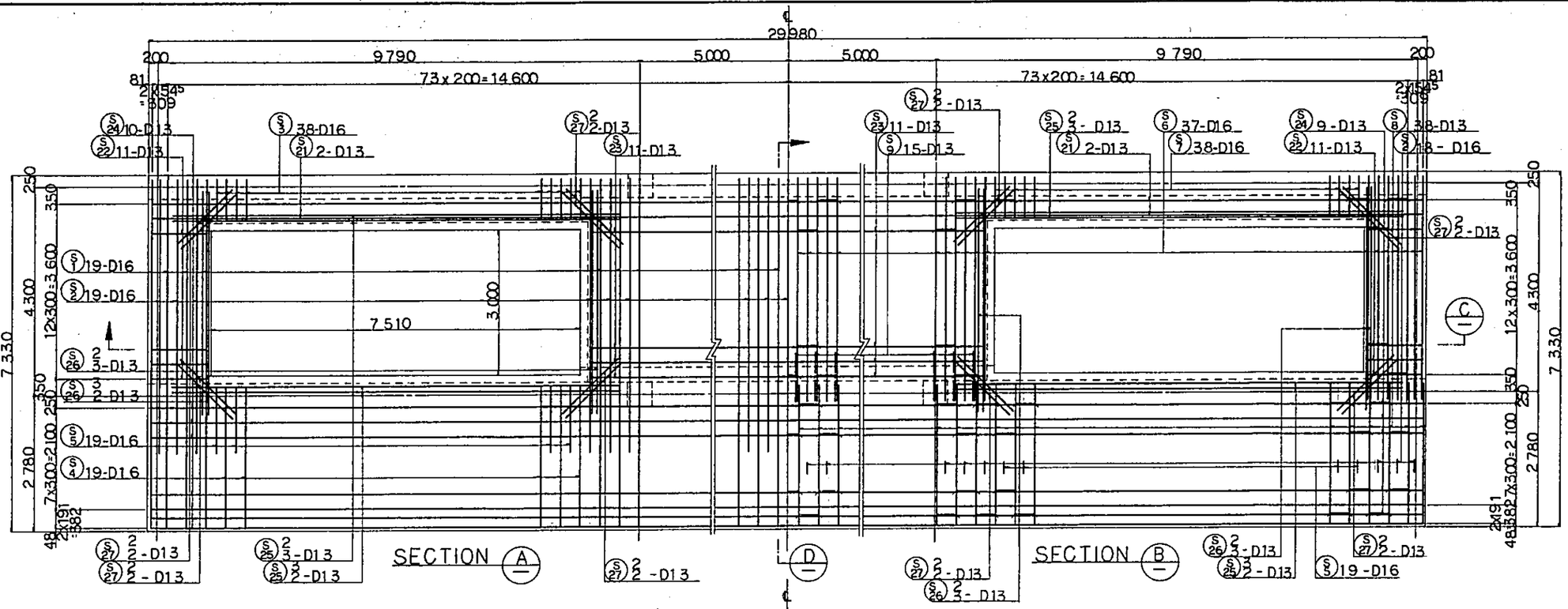
B	1 AUG. '84	K.J	m.y	K.A	K.M	m.K
A	11 FEB. '84	K.J	m.y	K.A	K.M	m.K

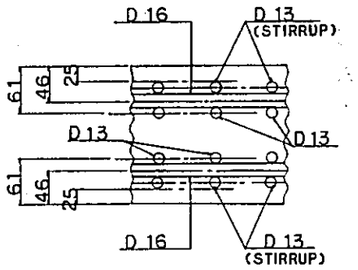
PLATFORM VP5 BAR ARRANGEMENT (SHEET 1 OF 7)

PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE 1 : 50

DRAWING NO: CS-238

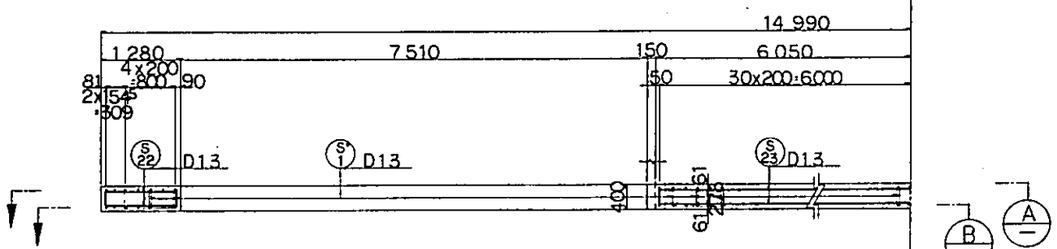


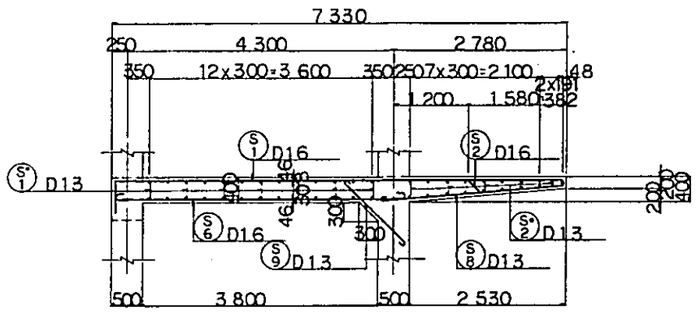


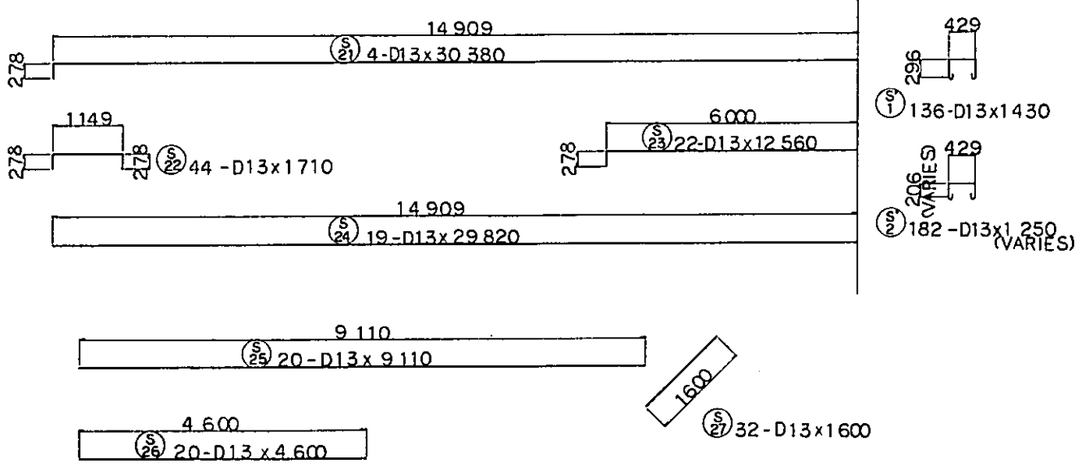
CONCRETE COVER

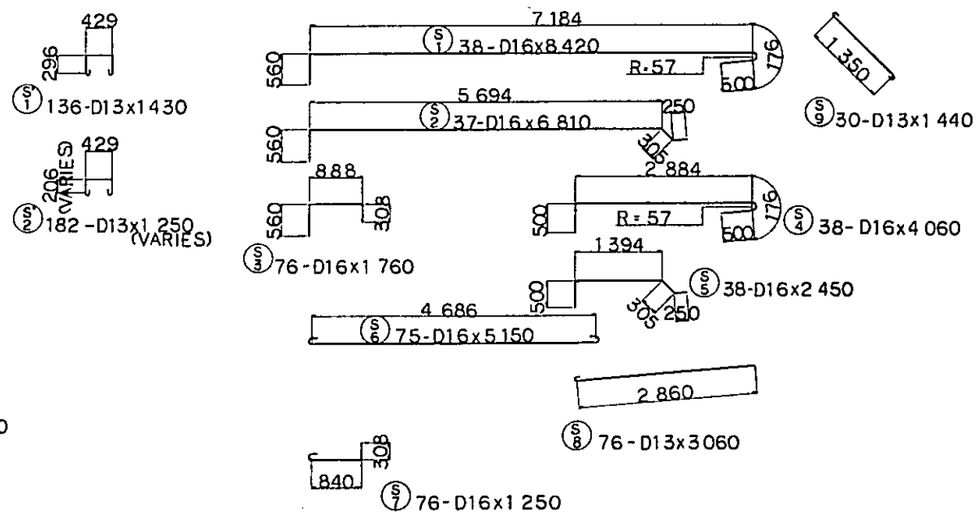
NOTES:

1. ALL DIMENSIONS ARE SHOWN IN MILLIMETERS UNLESS OTHERWISE INDICATED
2. REFERENCE DRAWING FOR GENERAL VIEW : CS-237.









REPUBLIC OF INDONESIA
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DIRECTORATE GENERAL OF LAND TRANSPORT AND INLAND WATERWAYS

NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

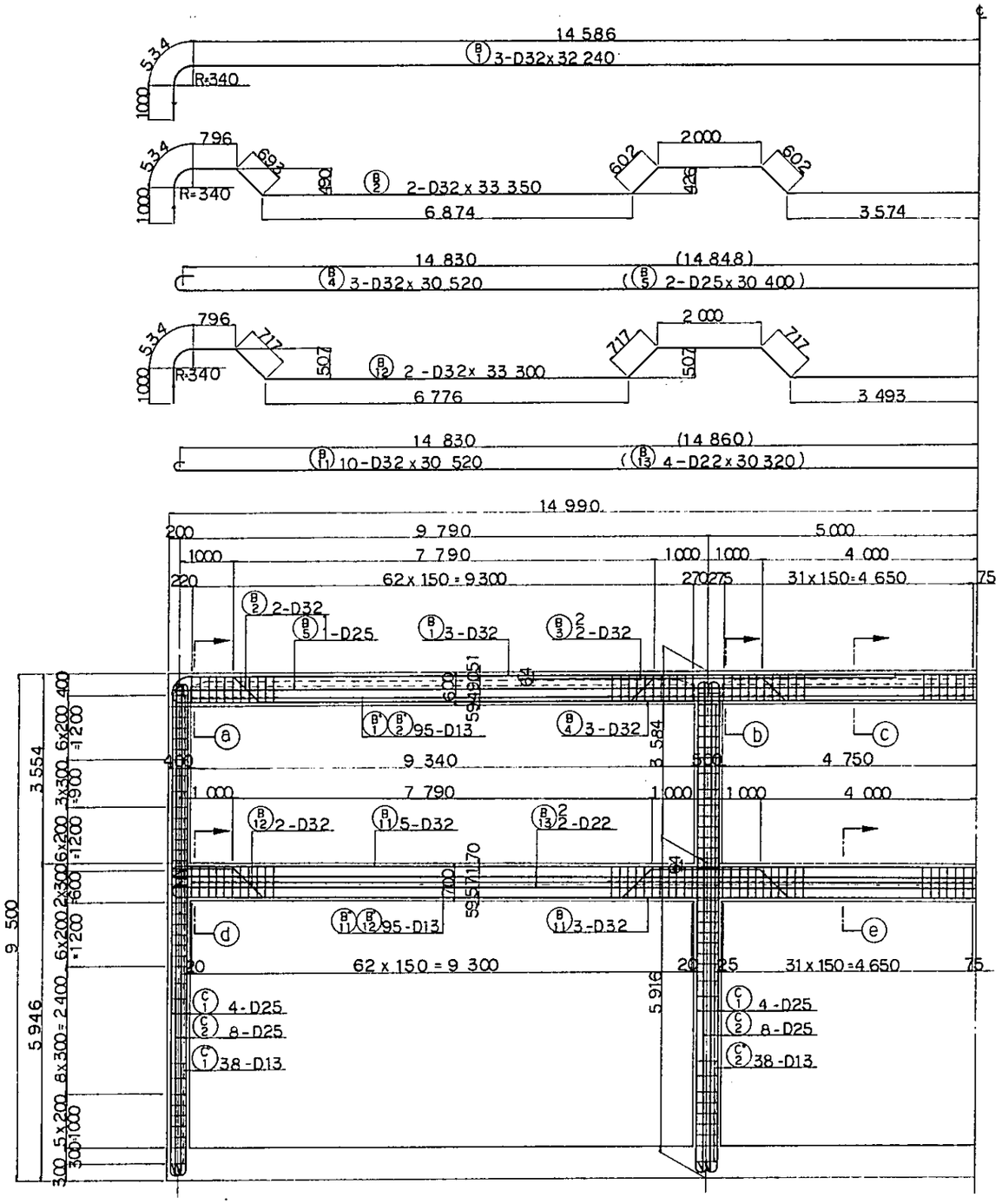
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1 AUG.'84	K.I	m.y	K.A	K.M	m.K
A	1 FEB.'84	K.I	m.y	K.A	K.M	m.K

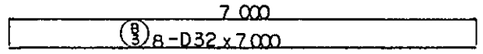
PLATFORM VP5
BAR ARRANGEMENT
(SHEET 2 OF 7)

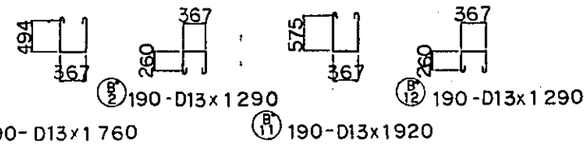
PACKAGE: I CIVIL AND ARCHITECTURAL WORK

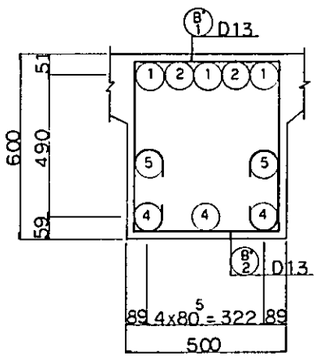
SCALE 1 : 50 | DRAWING NO.: CS-239



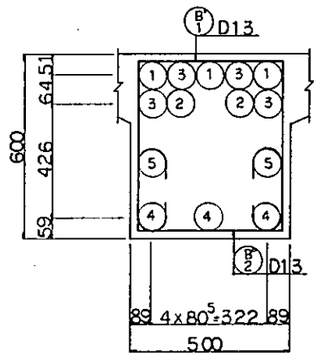
SECTION (A)



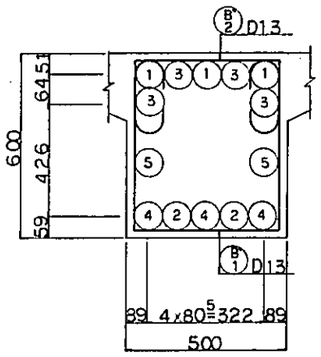




SECTION (a) – (a)



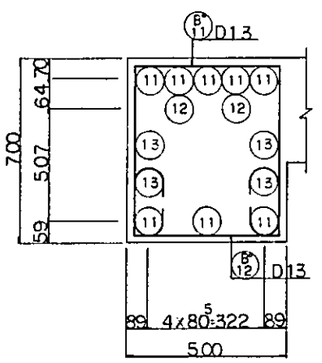
SECTION (b) – (b)



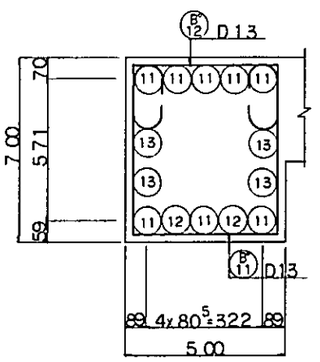
SECTION (c) – (c)

NOTES:

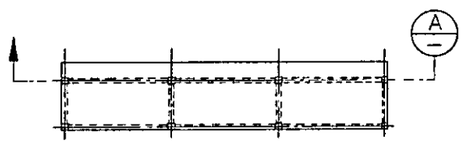
1. ALL DIMENSIONS ARE SHOWN IN MILLIMETERS UNLESS OTHERWISE INDICATED
2. REFERENCE DRAWING FOR GENERAL VIEW : CS-237.



SECTION (d) – (d)



SECTION (e) – (e)



REMARKING DIAGRAM

REPUBLIC OF INDONESIA
MINISTRY OF COMMUNICATIONS
DIRECTORATE GENERAL OF LAND TRANSPORT AND INLAND WATERWAYS

NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

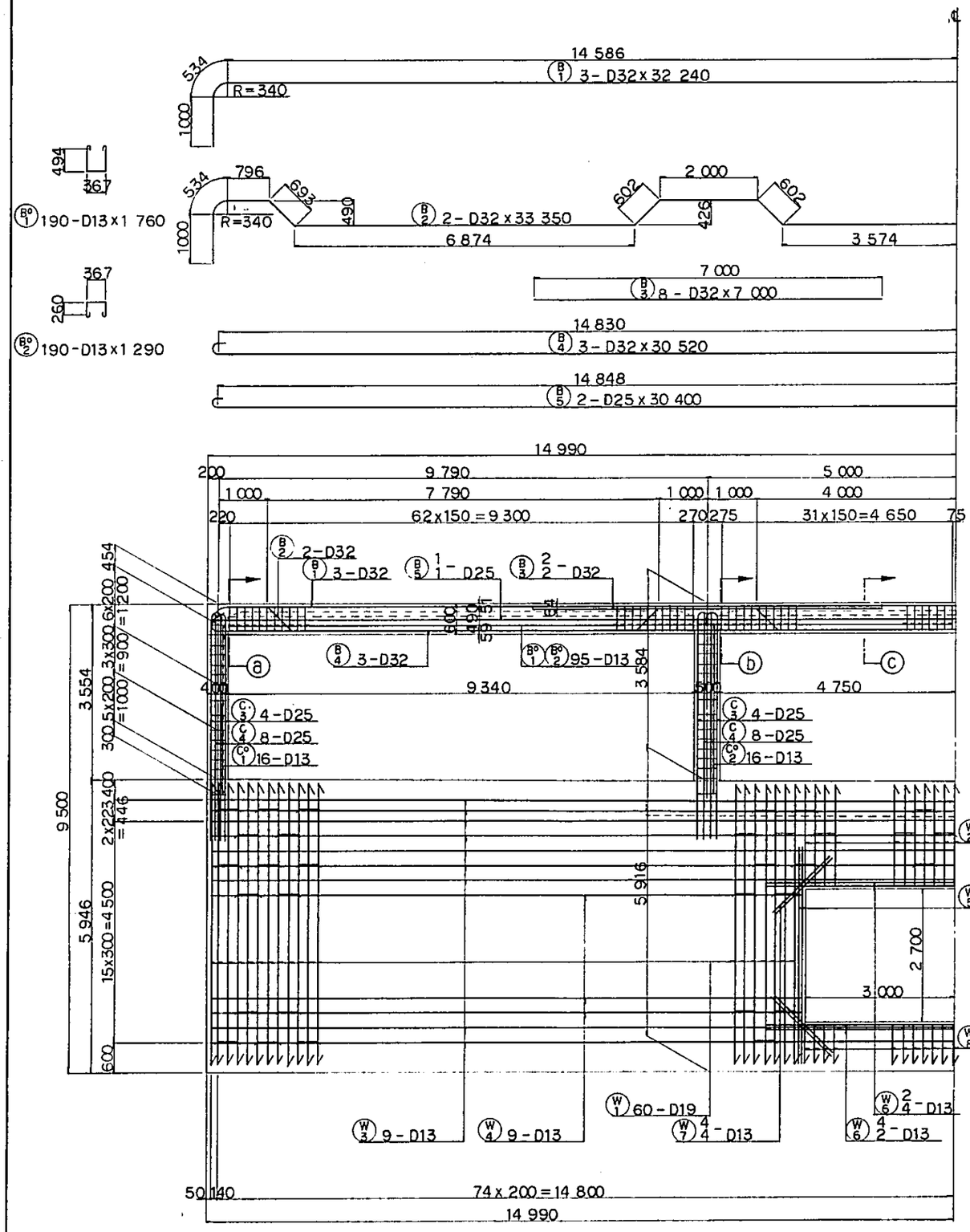
REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1 AUG. '84	K.J	m.y	K.J	K.M	M.K
A	1 FEB. '84	K.J	m.y	K.J	K.M	M.K

PLATFORM VP5
BAR ARRANGEMENT
(SHEET 3 OF 7)

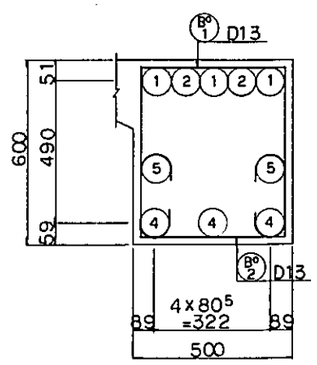
PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE: 1 : 50

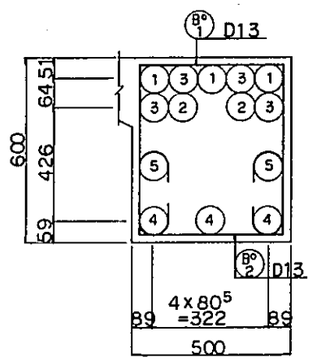
DRAWING NO: CS-240



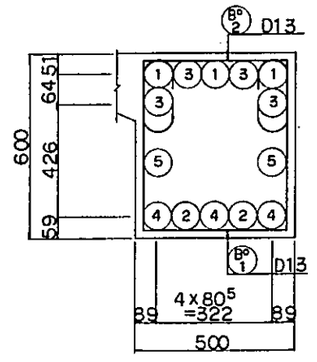
SECTION (B)—(B)



SECTION (a)—(a)



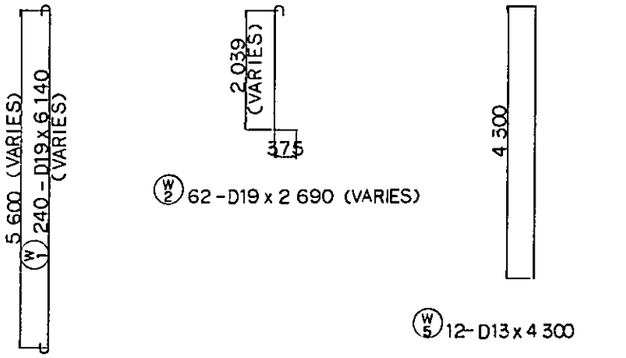
SECTION (b)—(b)



SECTION (c)—(c)

NOTES:

1. ALL DIMENSIONS ARE SHOWN IN MILLIMETERS UNLESS OTHERWISE INDICATED
2. REFERENCE DRAWING FOR GENERAL VIEW : CS-237.



REMARKING DIAGRAM

REPUBLIC OF INDONESIA
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DIRECTORATE GENERAL OF LAND TRANSPORT AND INLAND WATERWAYS

NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

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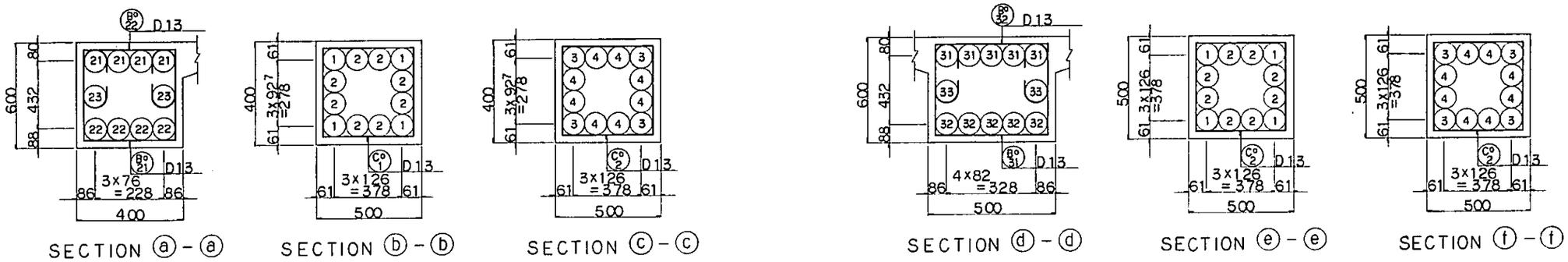
A	15 FEB. 84	K.A	M.Y	K.A	K.M	M.K

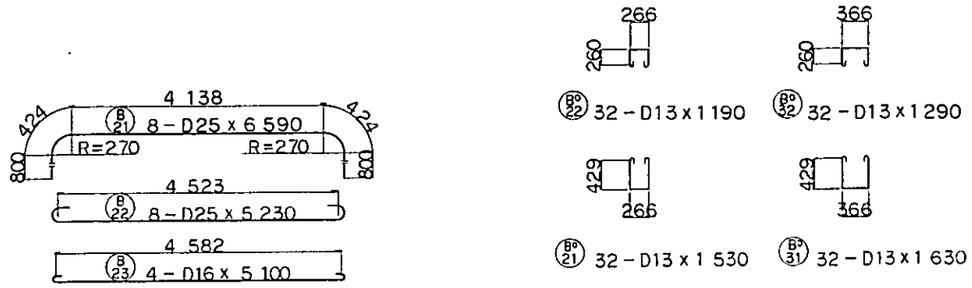
PLATFORM VP5 BAR ARRANGEMENT (SHEET 4 OF 7)

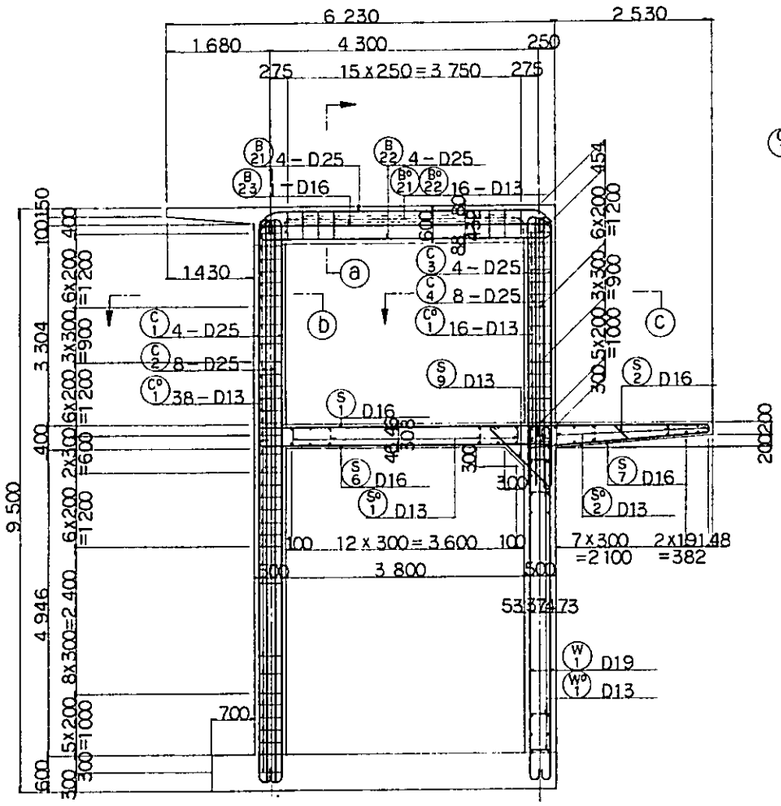
PACKAGE: I CIVIL AND ARCHITECTURAL WORK

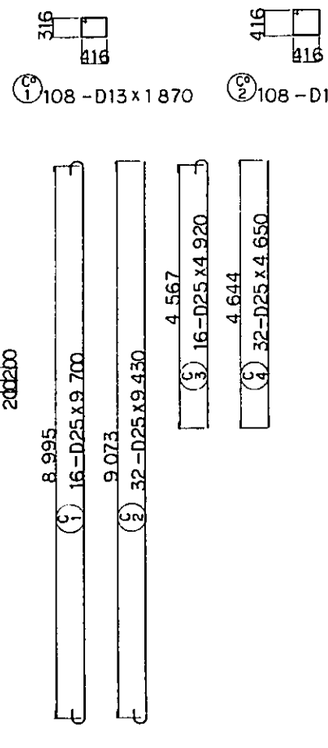
SCALE 1 : 50

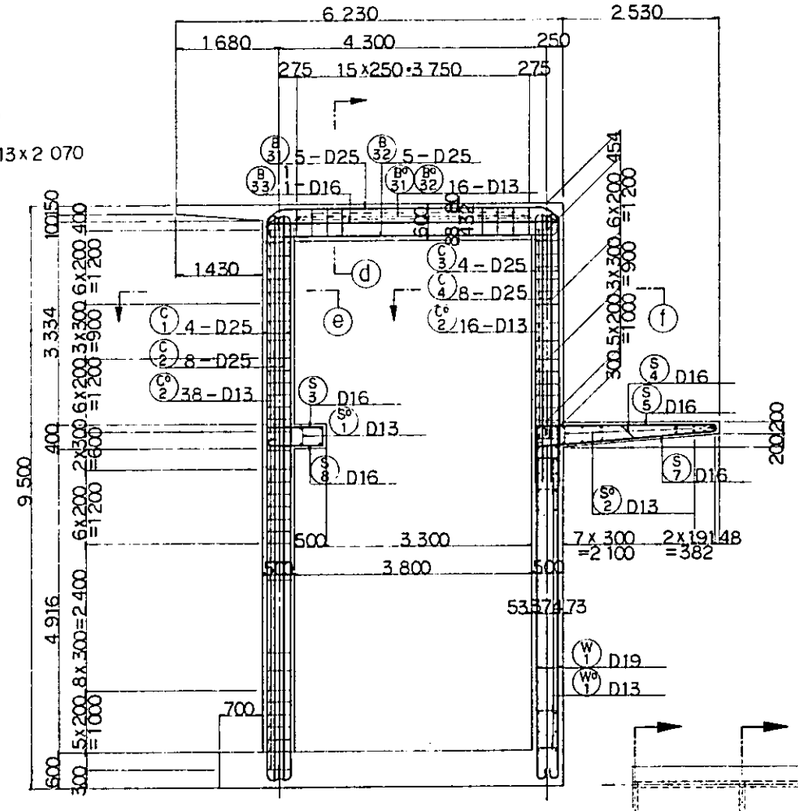
DRAWING NO. CS-241

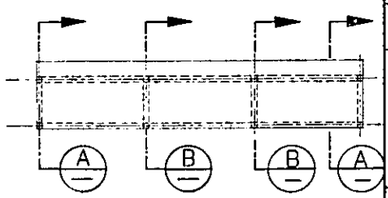












REMRKING DIAGRAM

NOTES:

1. ALL DIMENSIONS ARE SHOWN IN MILLIMETERS UNLESS OTHERWISE INDICATED
2. REFERENCE DRAWING FOR GENERAL VIEW : CS-237.

REPUBLIC OF INDONESIA
MINISTRY OF COMMUNICATIONS
DIRECTORATE GENERAL OF LAND TRANSPORT AND INLAND WATERWAYS

NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

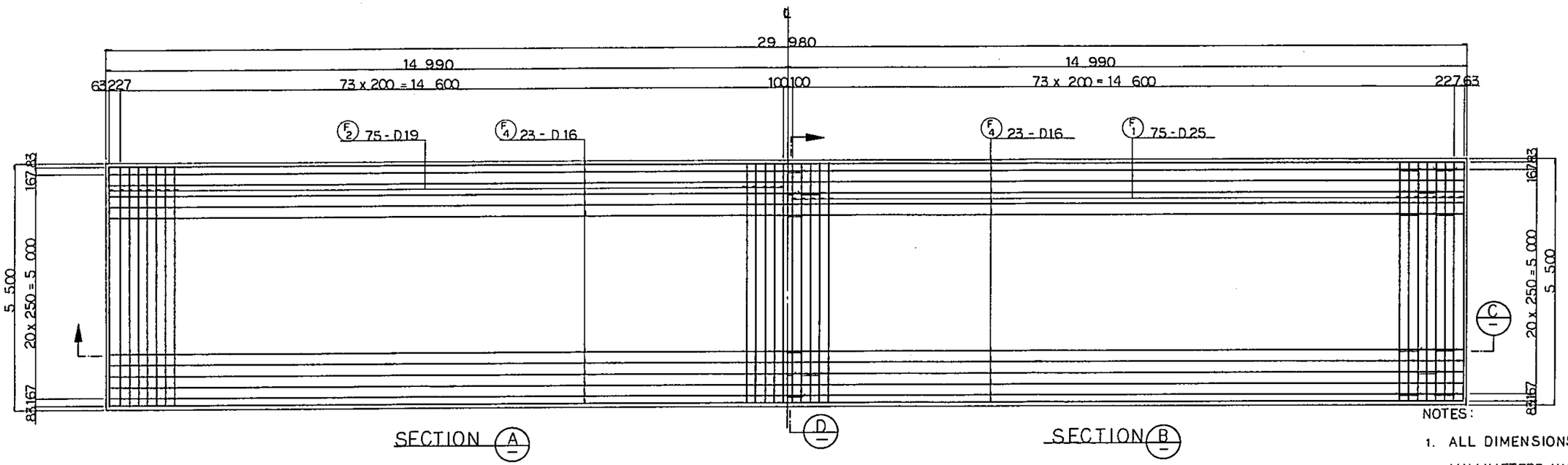
REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1 AUG '84	K.I	m.y	K.I	K.M	m.K
A	11 FEB '84	K.I	m.y	K.I	K.M	m.K

PLATFORM VP5
BAR ARRANGEMENT
(SHEET 5 OF 7)

PACKAGE: I CIVIL AND ARCHITECTURAL WORK

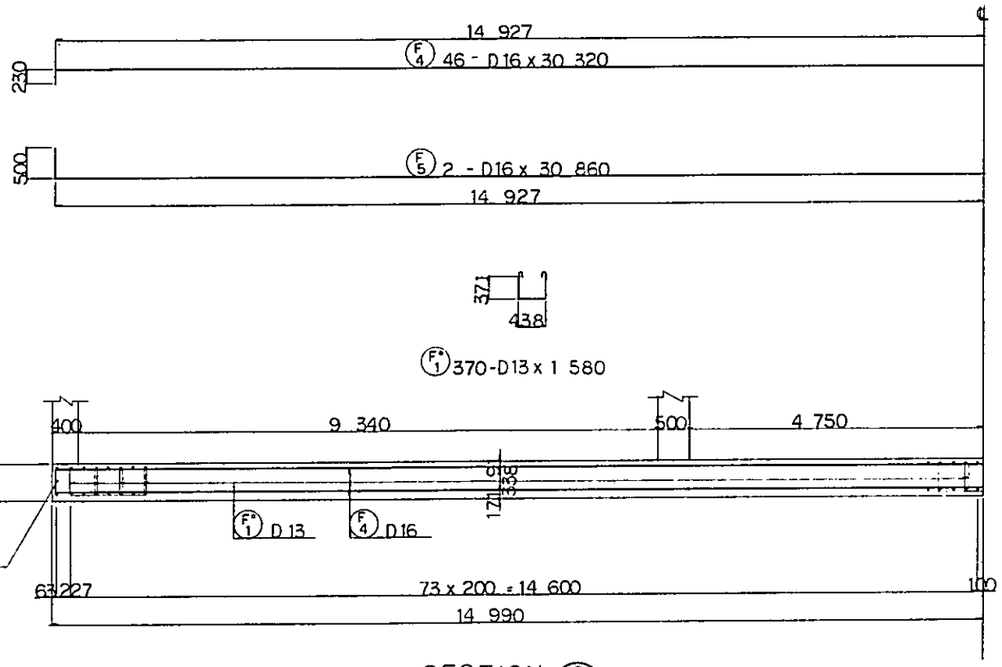
SCALE 1 : 50

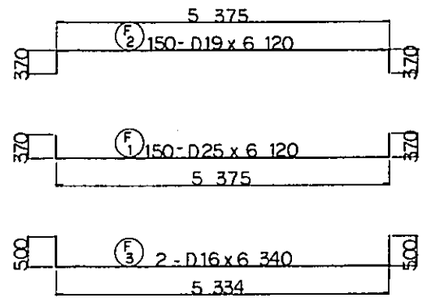
DRAWING NO: CS - 242

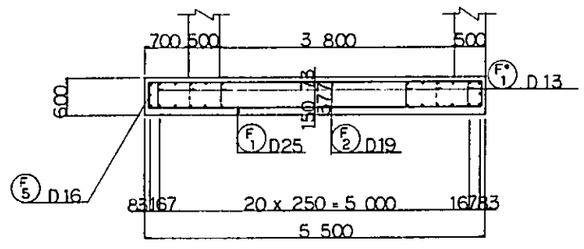


NOTES:

1. ALL DIMENSIONS ARE SHOWN IN MILLIMETERS UNLESS OTHERWISE INDICATED
2. REFERENCE DRAWING FOR GENERAL VIEW : CS-237.







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JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

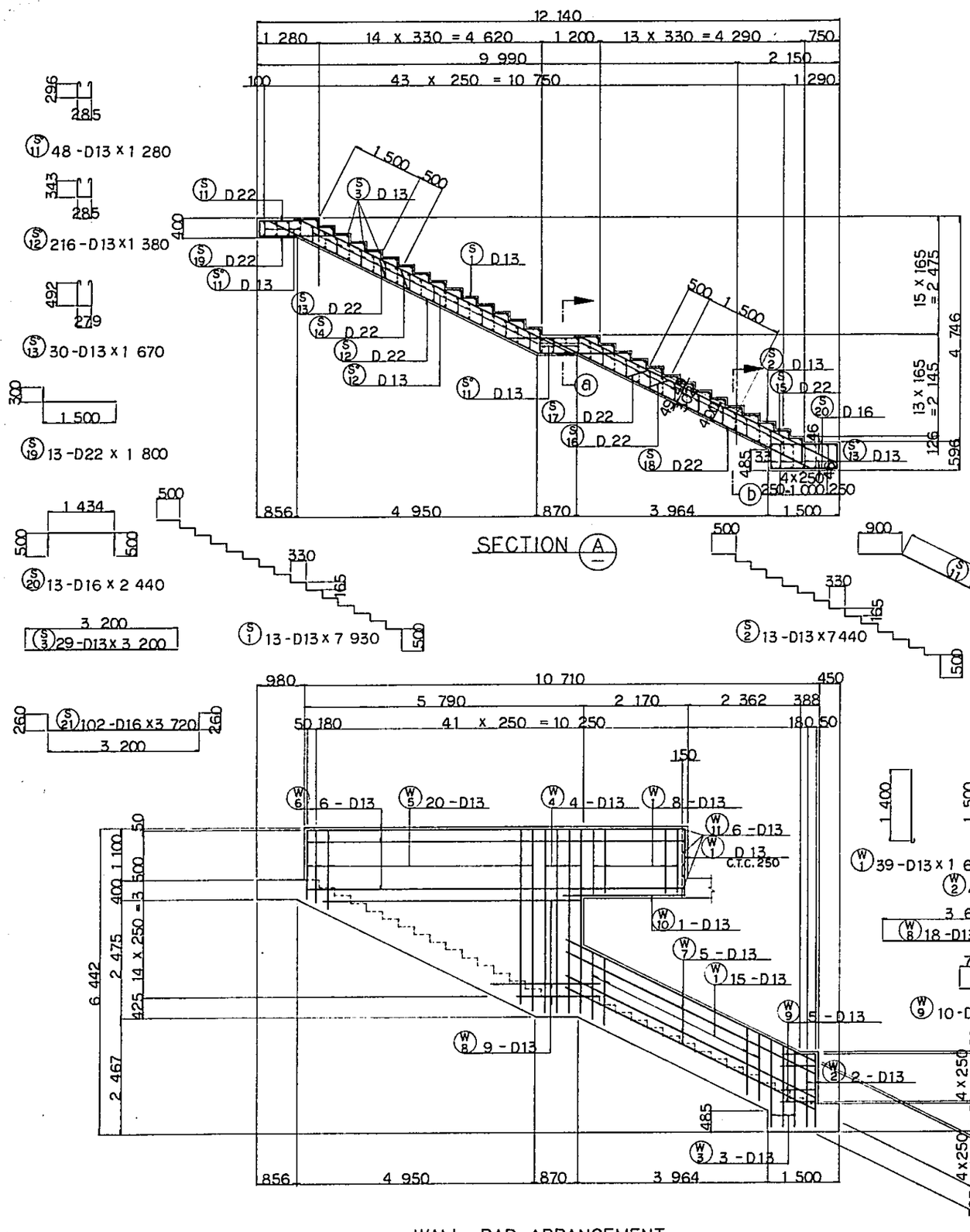
REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1 AUG. '84	K.V	m.y	K.S	K.M	m.K
A	15 FEB '84	K.V	m.y	K.S	K.M	m.K

PLATFORM VP5
BAR ARRANGEMENT
(SHEET 6 OF 7)

PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE 1 : 50

DRAWING NO: CS-243



WALL BAR ARRANGEMENT

REMARKING DIAGRAM

NOTES :

1. ALL DIMENSIONS ARE SHOWN IN MILLIMETERS UNLESS OTHERWISE INDICATED
2. REFERENCE DRAWING FOR GENERAL VIEW : CS-237.

REPUBLIC OF INDONESIA
MINISTRY OF COMMUNICATIONS,
DIRECTORATE GENERAL OF LAND TRANSPORT AND INLAND WATERWAYS

NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

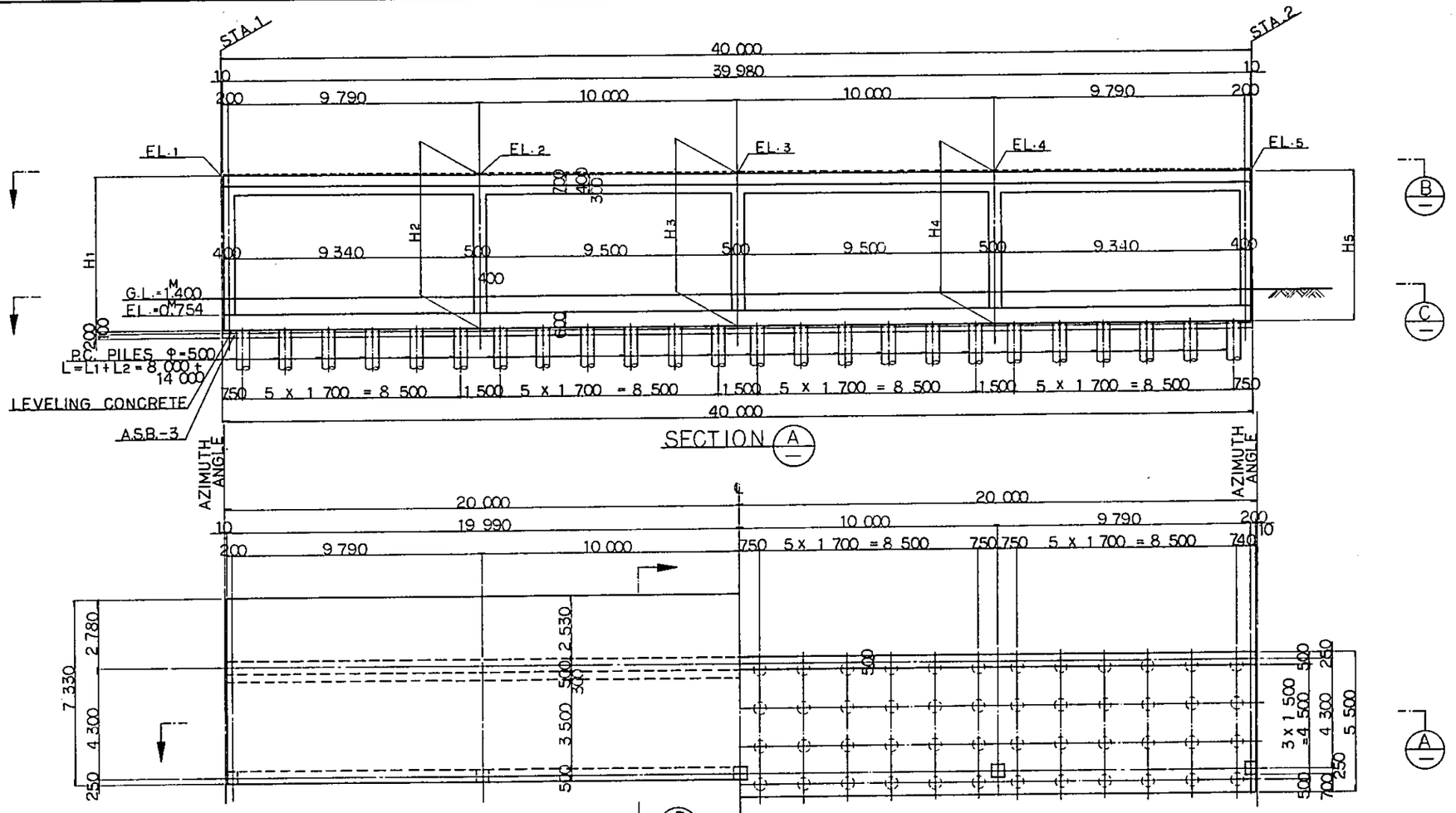
REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1 AUG. '84	K.I	m.y	K.I	K.M	K
A	CORRECT	K.I	m.y	K.I	K.M	K

PLATFORM VP5 BAR ARRANGEMENT (SHEET 7 OF 7)

PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE 1 : 50

DRAWING NO: CS – 244



SECTION A

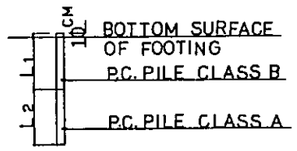
SECTION B

SECTION C

SECTION D

NOTES :

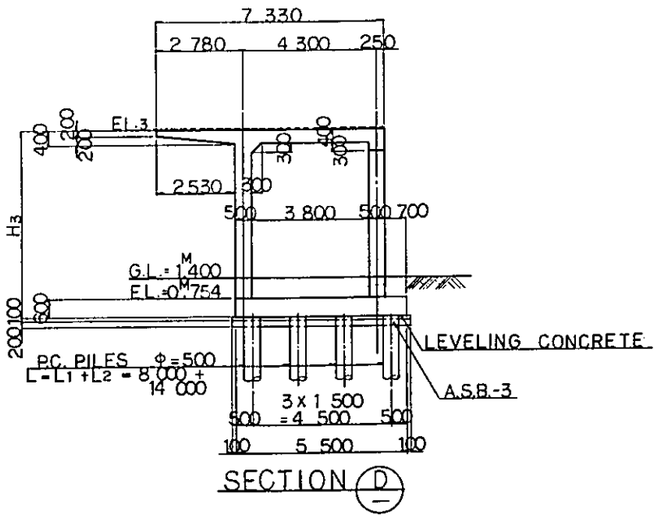
1. ALL DIMENSIONS ARE SHOWN IN MILLIMETERS UNLESS OTHERWISE INDICATED
2. REFERENCE DRAWING FOR BAR ARRANGEMENT: CS-238-244
3. TYPES OF P.C. PILE



4. GRADING CONCRETE SHALL BE SIMULTANEOUSLY PLACED WITH SLAB CONCRETE

DESIGN CRITERIA

DESIGN LOAD	TRAIN LOAD	EQUIVALENT TO KS-16 BAR
	SEISMIC EFFECT	IN HORIZONTAL DIRECTION Kh=0.1
		IN VERTICAL DIRECTION Kh=0
ALLOWABLE STRESS	REINFORCING BAR	ALLOWABLE TENSILE STRESS 1800 kg/cm²
	CONCRETE	ALLOWABLE COMPRESSIVE STRESS 90 kg/cm²
MATERIAL	TYPE OF REINFORCING BAR	SD-30
	CONCRETE OF DESIGN CRITERIA STRENGTH	σck=240 kg/cm²
	MAX SIZE OF COARSE AGGREGATE	25 mm



DIMENSION SCHEDULE

NO.	(VP 7)	(VP 9)	REMARKS
STA.1	17 KM 310 M 000	17 KM 420 M 000	
STA.2	17 KM 350 M 000	17 KM 380 M 000	
AZIMUTH ANGLE	345° 30' 45"	345° 30' 45"	
H1	6.066	5.736	
H2	6.036	5.766	
H3	6.006	5.796	
H4	5.976	5.826	
H5	5.945	5.856	
EL.1	6 M 220	5 M 890	
EL.2	6 M 190	5 M 920	
EL.3	6 M 160	5 M 950	
EL.4	6 M 130	5 M 980	
EL.5	6 M 100	6 M 010	

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REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1 AUG. '84	K.Y	m.y	K.A	K.M	K
A	ISSUED	K.Y	m.y	K.A	K.M	K

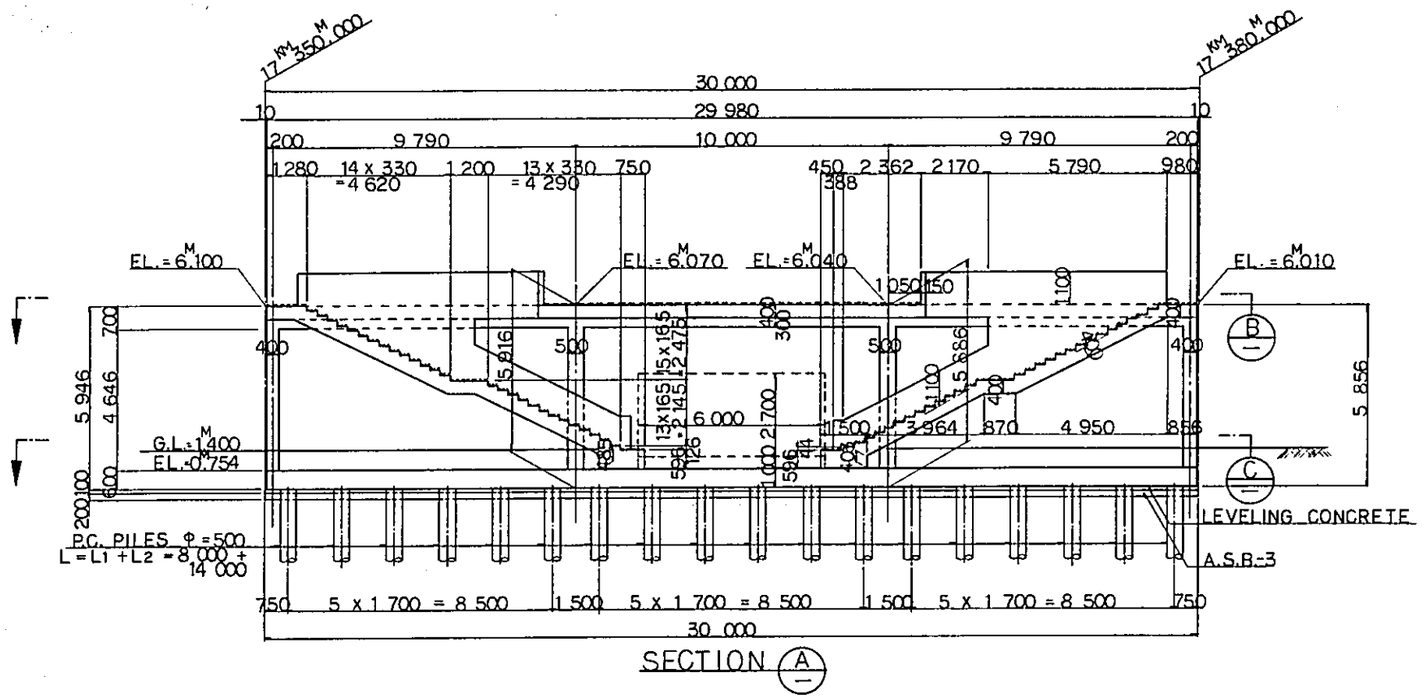
PLATFORM VP7, VP9

GENERAL VIEW

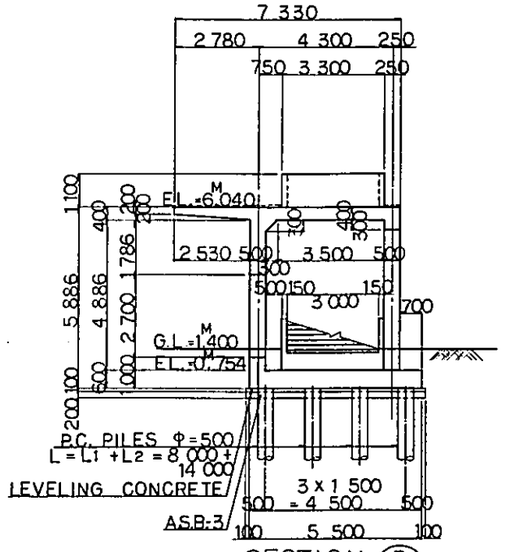
PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE: 1 : 100

DRAWING NO: CS-245



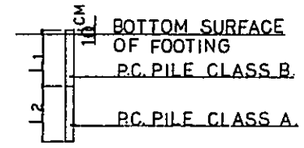
SECTION (A)



SECTION (D)

NOTES :

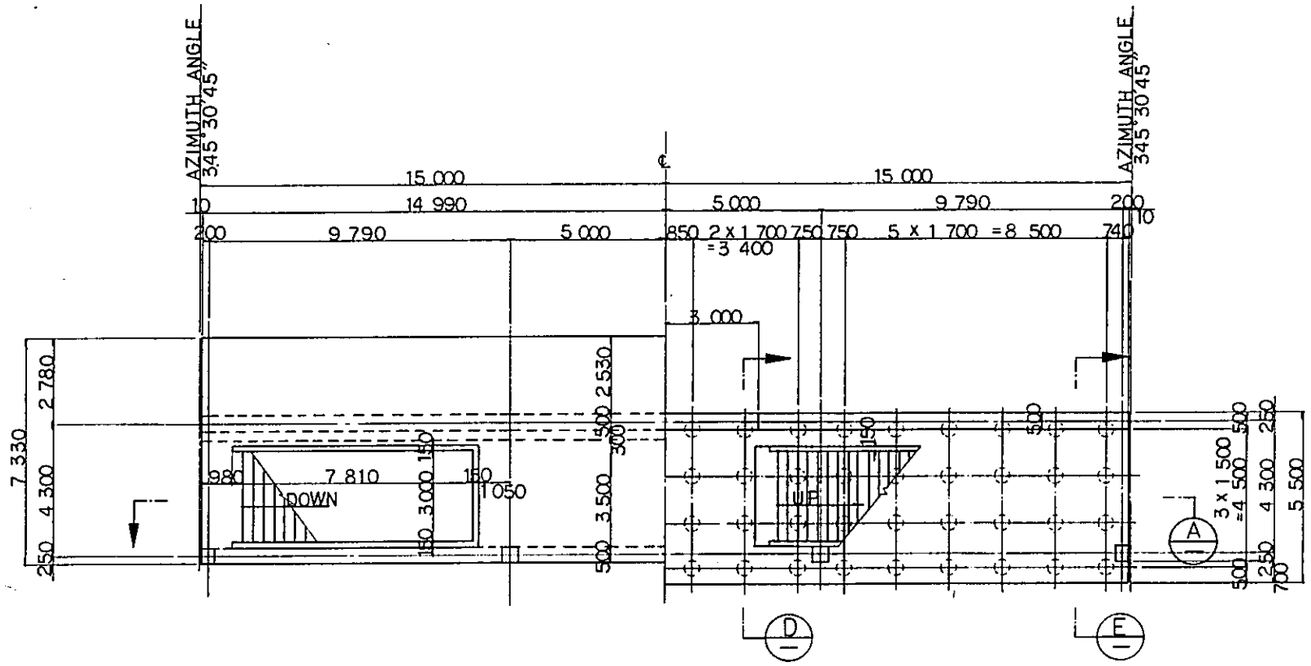
1. ALL DIMENSIONS ARE SHOWN IN MILLIMETERS UNLESS OTHERWISE INDICATED
2. REFERENCE DRAWING FOR BAR ARRANGEMENT: CS-238 ~ 244.
3. TYPES OF P.C. PILE



4. GRADING CONCRETE SHALL BE SIMULTANEOUSLY PLACED WITH SLAB CONCRETE

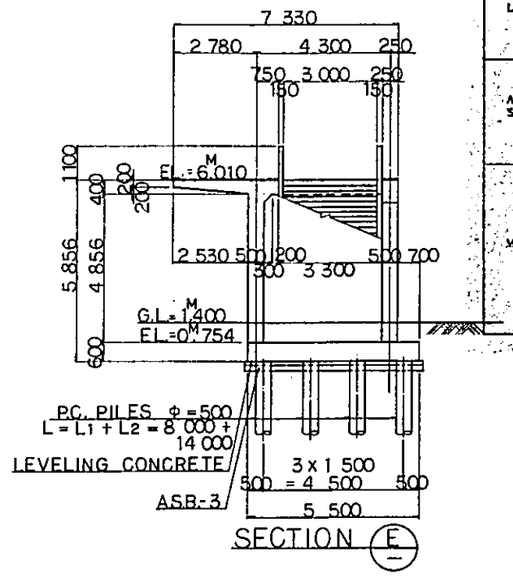
DESIGN CRITERIA

DESIGN LOAD	TRAIN LOAD	EQUIVALENT TO KS-16 OF DA-4
	SEISMIC EFFECT	IN HORIZONTAL DIRECTION Kh=0.1
		IN VERTICAL DIRECTION Kv=0
ALLOWABLE STRESS	REINFORCING BAR	ALLOWABLE TENSILE STRESS 1800kg/cm²
	CONCRETE	ALLOWABLE COMPRESSIVE STRESS 80kg/cm²
MATERIAL	TYPE OF REINFORCING BAR	SD-30
	CONCRETE OF DESIGN CRITERIA STRENGTH	σck=210kg/cm²
	MAX SIZE OF COARSE AGGREGATE	25mm



SECTION (B)

SECTION (C)



SECTION (F)

REPUBLIC OF INDONESIA
MINISTRY OF COMMUNICATIONS
DIRECTORATE GENERAL OF LAND TRANSPORT AND INLAND WATERWAYS

NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

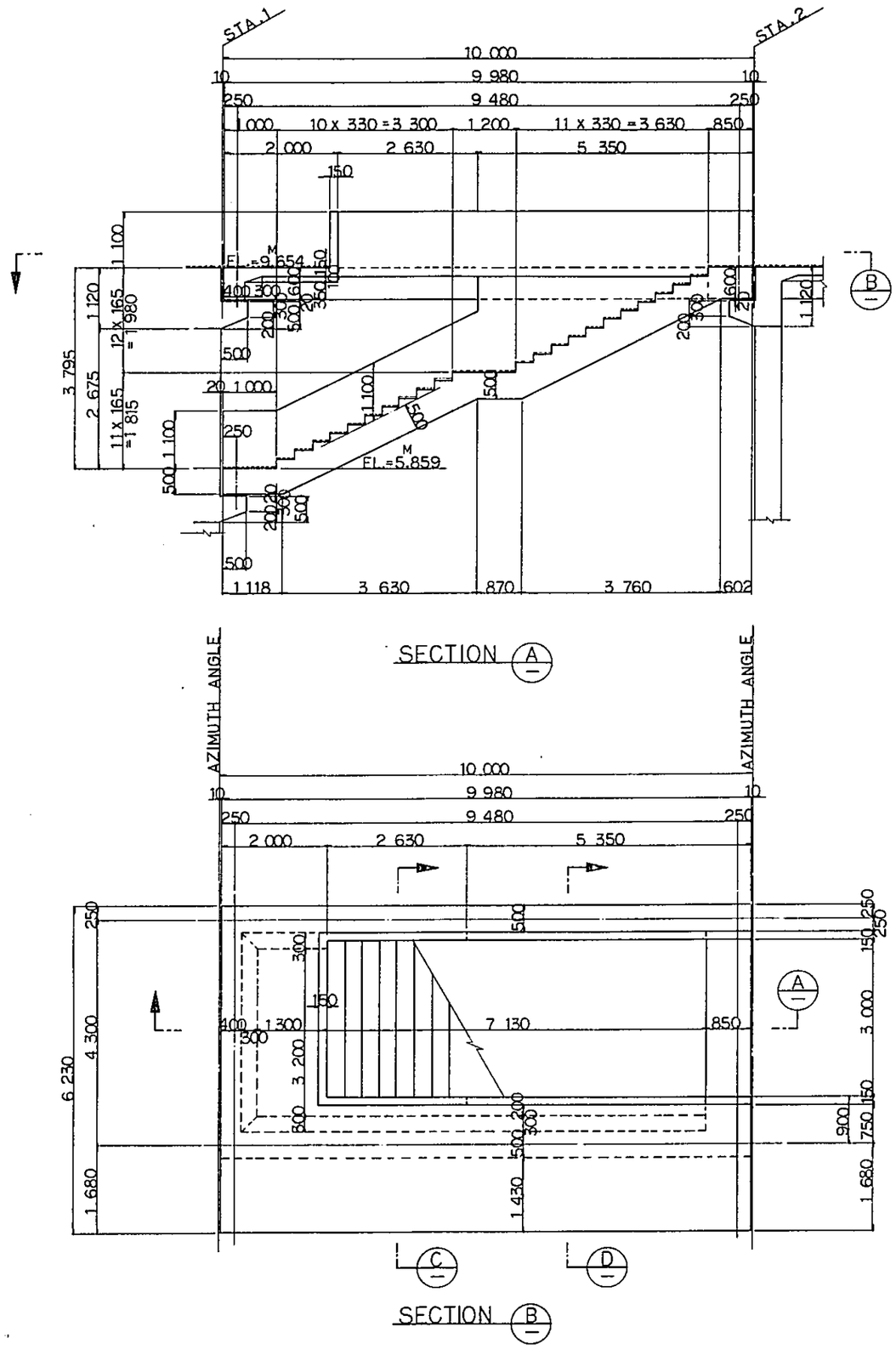
REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1AUG.'84	K.I	m.y	K.A	K.M	
A	15FEB.'84	K.I	m.y	K.A	K.M	

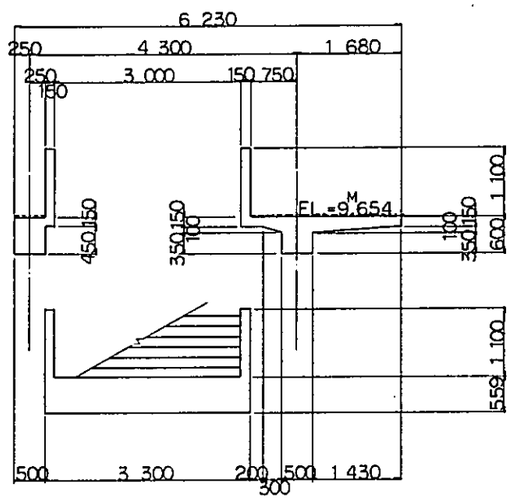
PLATFORM VP8
GENERAL VIEW

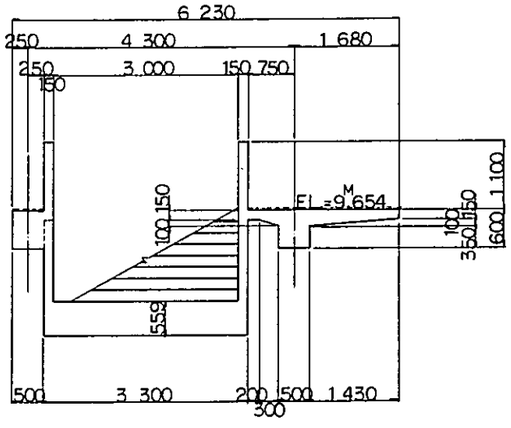
PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE 1 : 100

DRAWING NO: CS-246







NOTES :

1. ALL DIMENSIONS ARE SHOWN IN MILLIMETERS UNLESS OTHERWISE INDICATED
2. REFERENCE DRAWING FOR BAR ARRANGEMENT : CS-248 ~ 250

DIMENSION SCHEDULE

		STATION	AZIMUTH ANGLE
RCP 1	STA.2	17KM 340M.000	345° 30′ 45″
	STA.1	17KM 350M.000	〃
RCP 2	STA.1	17KM 380M.000	345° 30′ 45″
	STA.2	17KM 390M.000	〃

REPUBLIC OF INDONESIA
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NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1 AUG.'84	K.I	m.y	K.A	K.M	m.IC
A	1 FEB.'84	K.I	m.y	K.A	K.M	m.IC

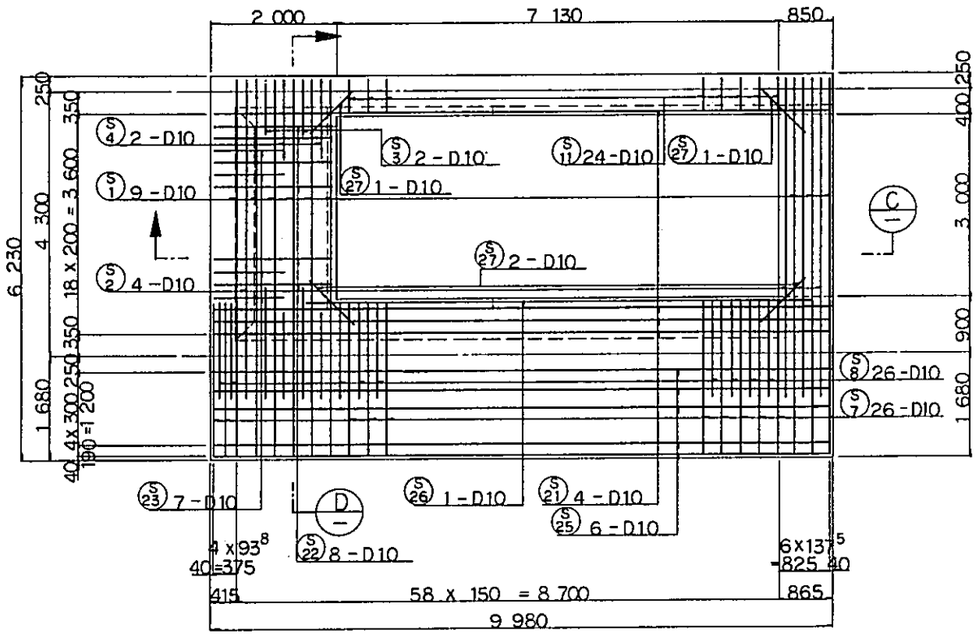
PLATFORM RCP1, RCP2

GENERAL VIEW

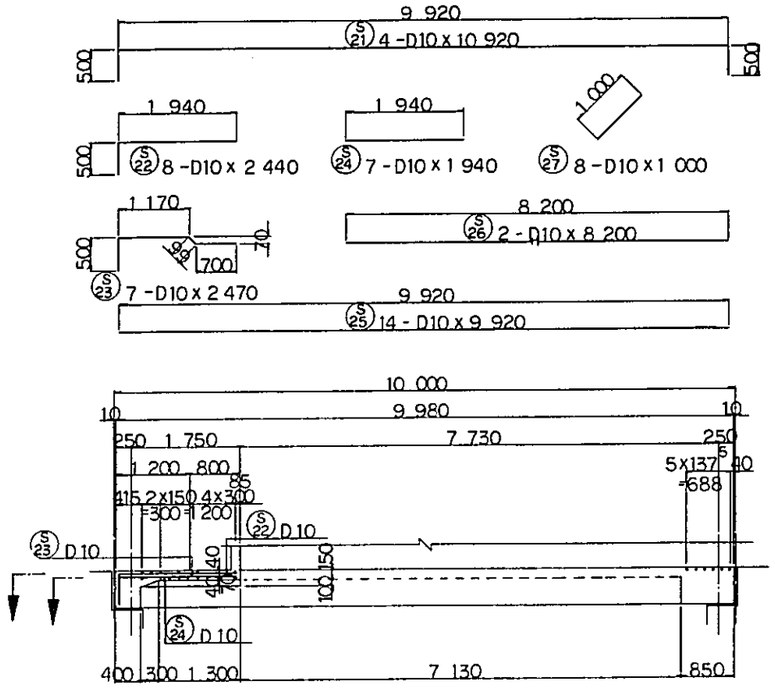
PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE 1 : 50

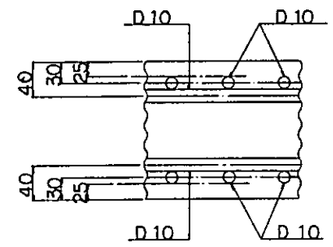
DRAWING NO. CS-247



SECTION (A)

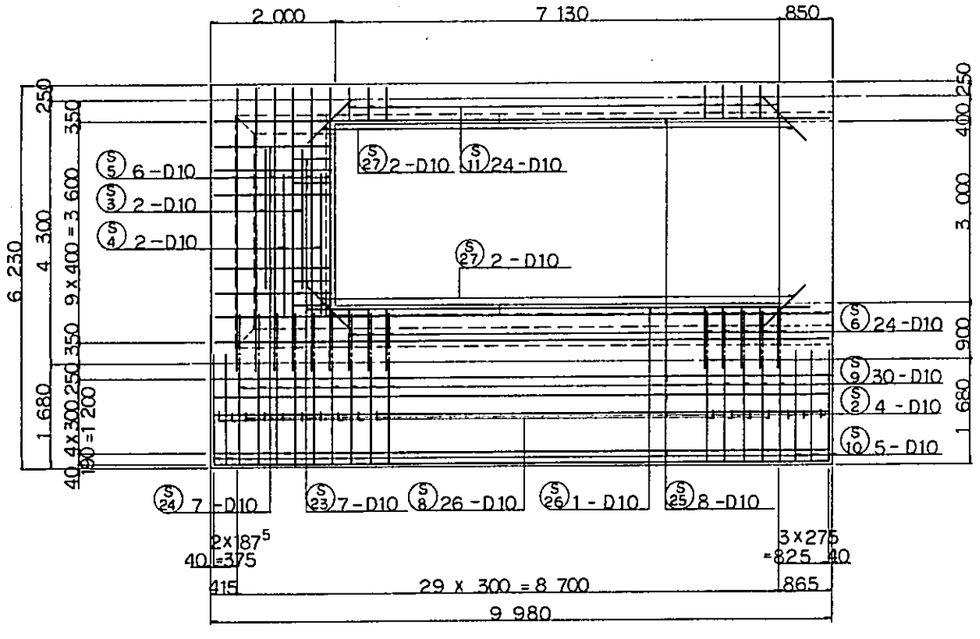


SECTION (C)

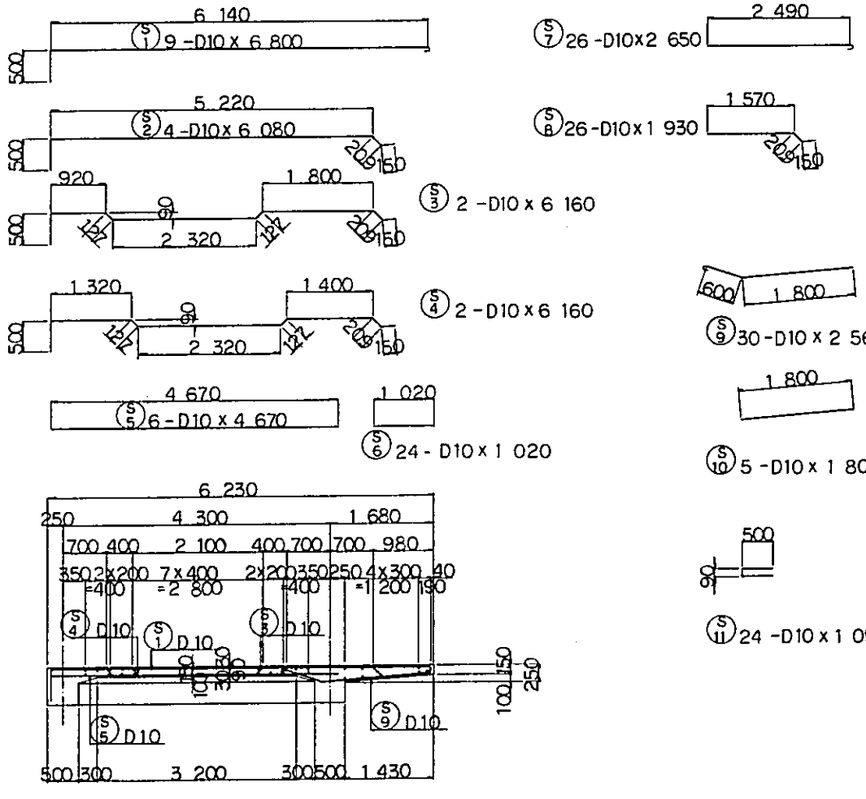


NOTES:

1. ALL DIMENSIONS ARE SHOWN IN MILLIMETERS UNLESS OTHERWISE INDICATED
2. REFERENCE DRAWING FOR GENERAL VIEW : CS -247.



SECTION (B)



SECTION (D)

REPUBLIC OF INDONESIA
MINISTRY OF COMMUNICATIONS
DIRECTORATE GENERAL OF LAND TRANSPORT AND INLAND WATERWAYS

NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

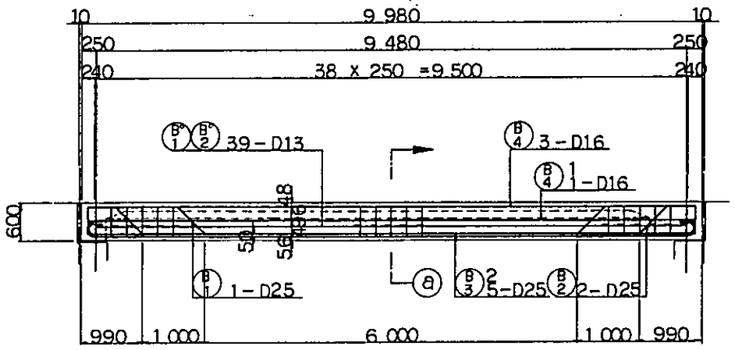
REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1 AUG. '84	K.J	M.Y	K.S	K.M	M.K
A	6 FEB '84	K.J	M.Y	K.S	K.M	M.K

PLATFORM RCPI
BAR ARRANGEMENT
(SHEET 1 OF 3)

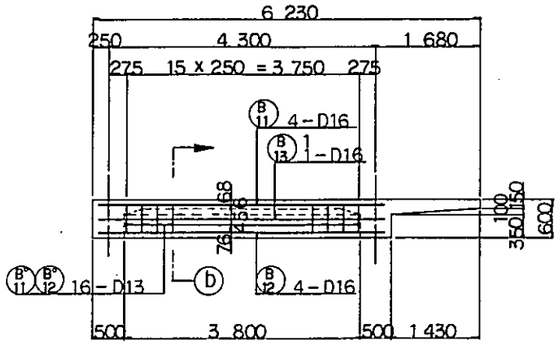
PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE 1 : 50

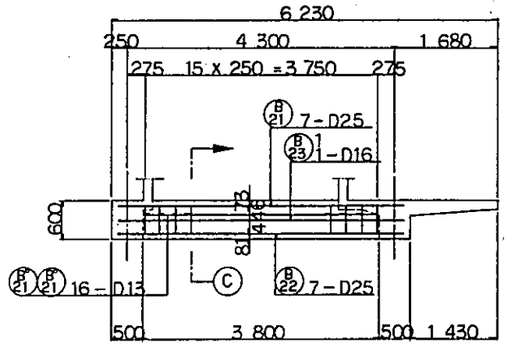
DRAWING NO. CS-248



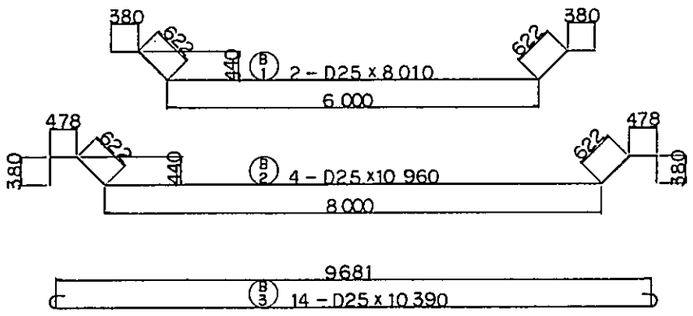
SECTION (A)

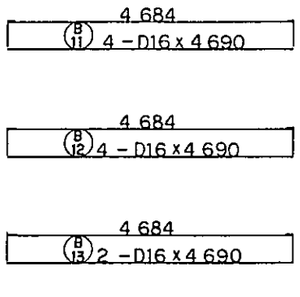


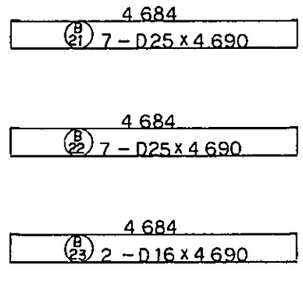
SECTION (B)



SECTION (C)







NOTES:

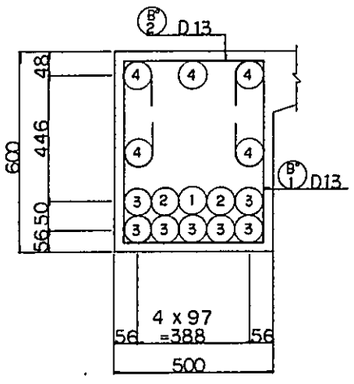
1. ALL DIMENSIONS ARE SHOWN IN MILLIMETERS UNLESS OTHERWISE INDICATED
2. REFERENCE DRAWING FOR GENERAL VIEW : CS-247.

B1 78 - D13 x 1 800

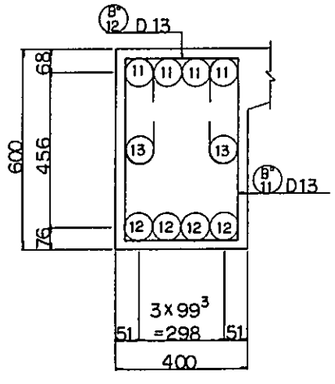
B2 78 - D13 x 1 350

B11 16 - D13 x 1 660 B12 16 - D13 x 1 250

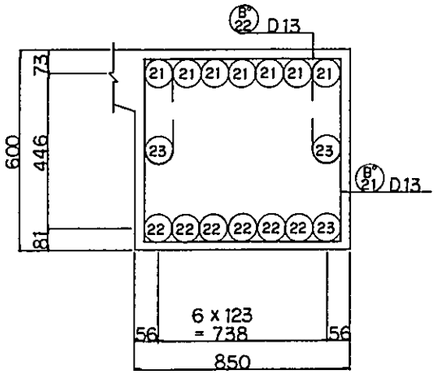
B21 16 - D13 x 2 100 B22 16 - D13 x 1 700



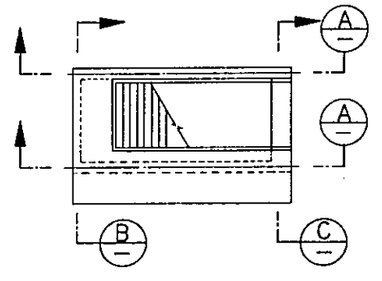
SECTION (a) – (a)



SECTION (b) – (b)



SECTION (c) – (c)



REMARKING DIAGRAM

REPUBLIC OF INDONESIA
MINISTRY OF COMMUNICATIONS
DIRECTORATE GENERAL OF LAND TRANSPORT AND INLAND WATERWAYS

NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

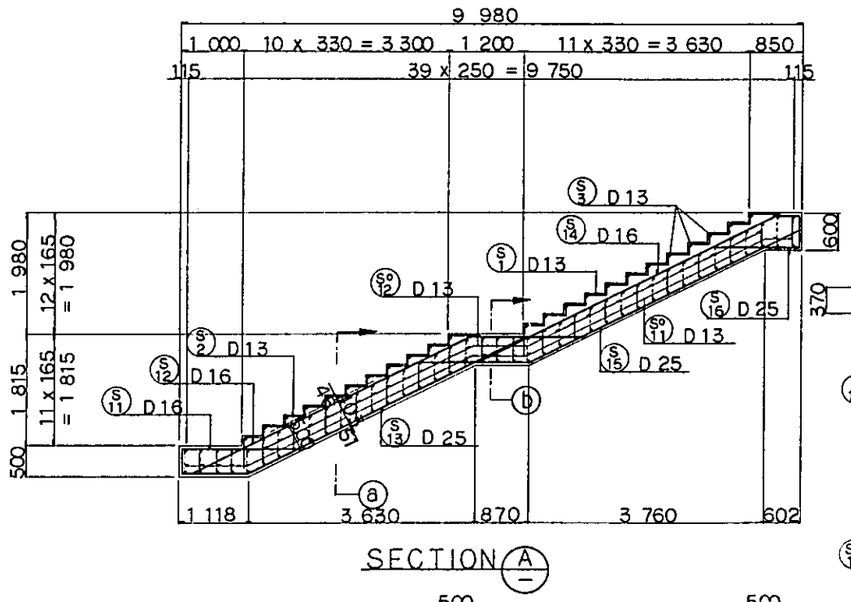
REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1 AUG. '84	K.I	m.y	K.A	K.M	m.K
A	FEB. '84	K.I	m.y	K.A	K.M	m.K

PLATFORM RCPI
BAR ARRANGEMENT
(SHEET 2 OF 3)

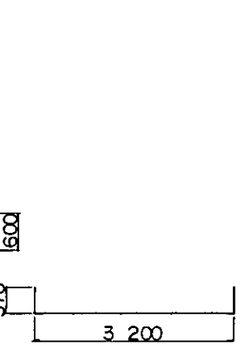
PACKAGE: I CIVIL AND ARCHITECTURAL WORK

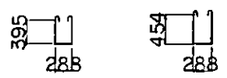
SCALE 1 : 50

DRAWING NO. CS-249

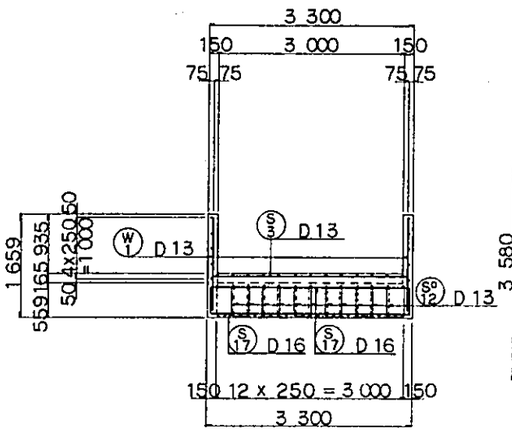


SECTION A

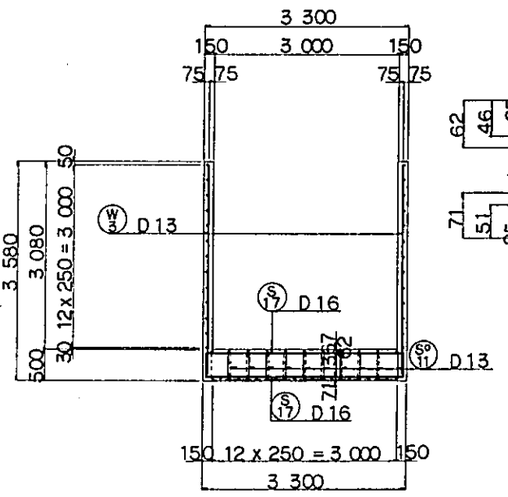




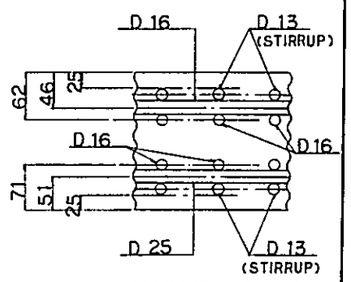
S11 66-D13 x 1 480 S12 174-D13 x 1 600



SECTION a – a



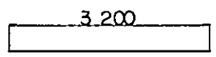
SECTION b – b



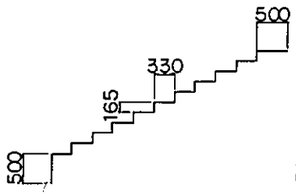
CONCRETE COVER

NOTES:

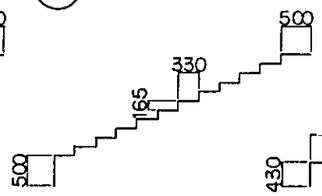
1. ALL DIMENSIONS ARE SHOWN IN MILLIMETERS UNLESS OTHERWISE INDICATED
2. REFERENCE DRAWING FOR GENERAL VIEW : CS-247.



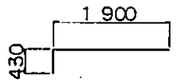
S3 23-D13 x 3 200



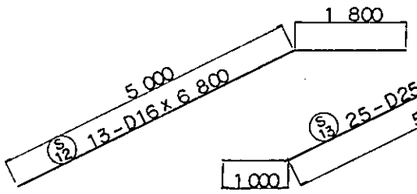
S2 13-D13 x 5 950

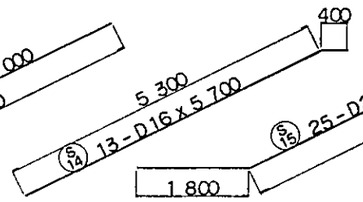


S1 13-D13 x 6 450

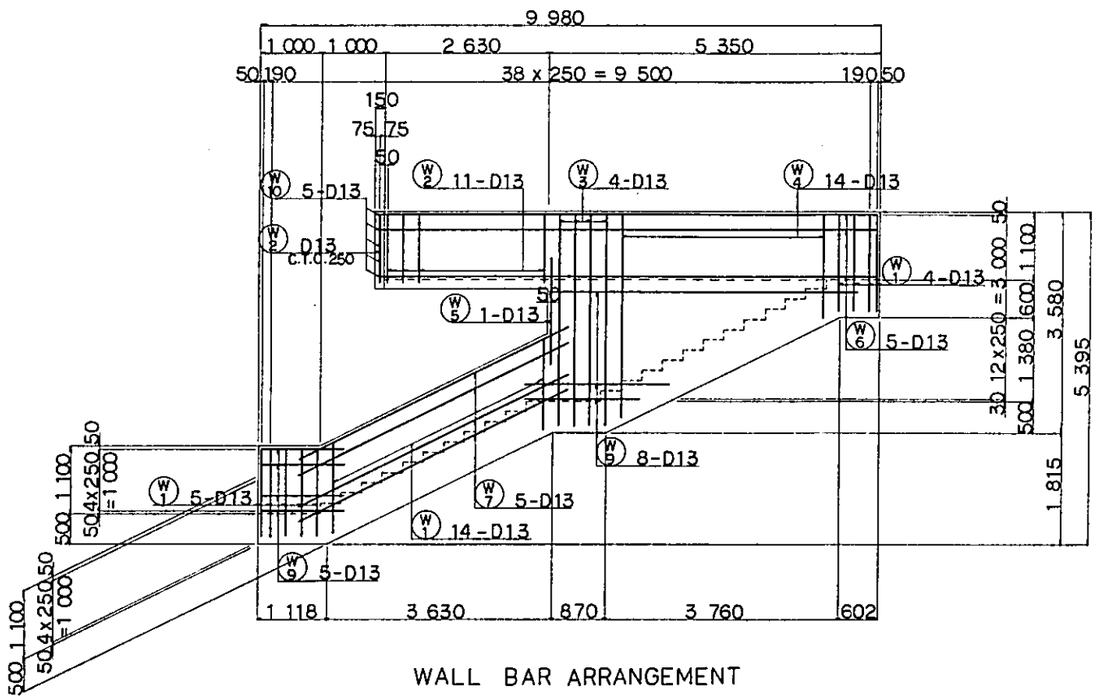


S11 13-D16 x 2 330

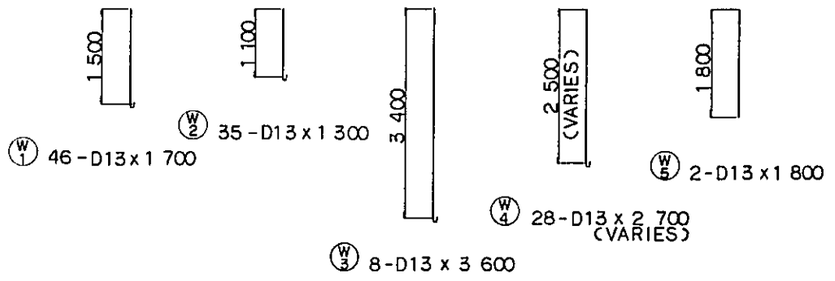


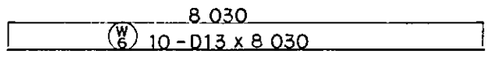


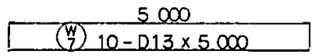
S16 25-D25 x 1 930

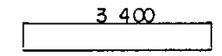


WALL BAR ARRANGEMENT

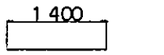




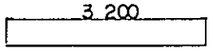




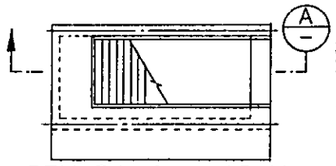
W9 16-D13 x 3 400 (VARIES)



W8 10-D13 x 1 400



W10 5-D13 x 3 200



REMARKING DIAGRAM

REPUBLIC OF INDONESIA
MINISTRY OF COMMUNICATIONS
DIRECTORATE GENERAL OF LAND TRANSPORT AND INLAND WATERWAYS

NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

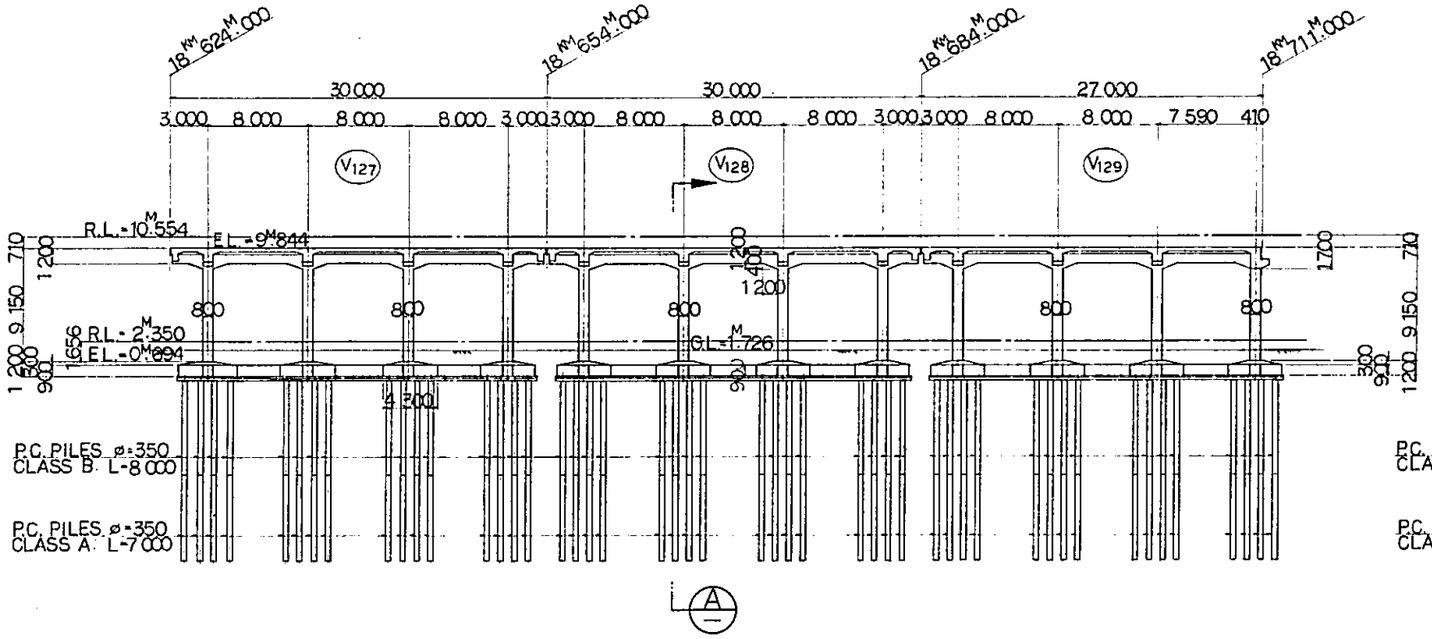
REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1 AUG. '84	K.I	m.y	K.A	K.M	K
A	1 FEB. '84	K.I	m.y	K.A	K.M	K

PLATFORM RCPI
BAR ARRANGEMENT
(SHEET 3 OF 3)

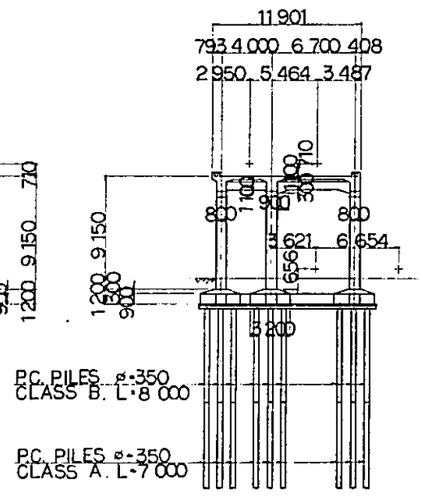
PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE 1 : 50

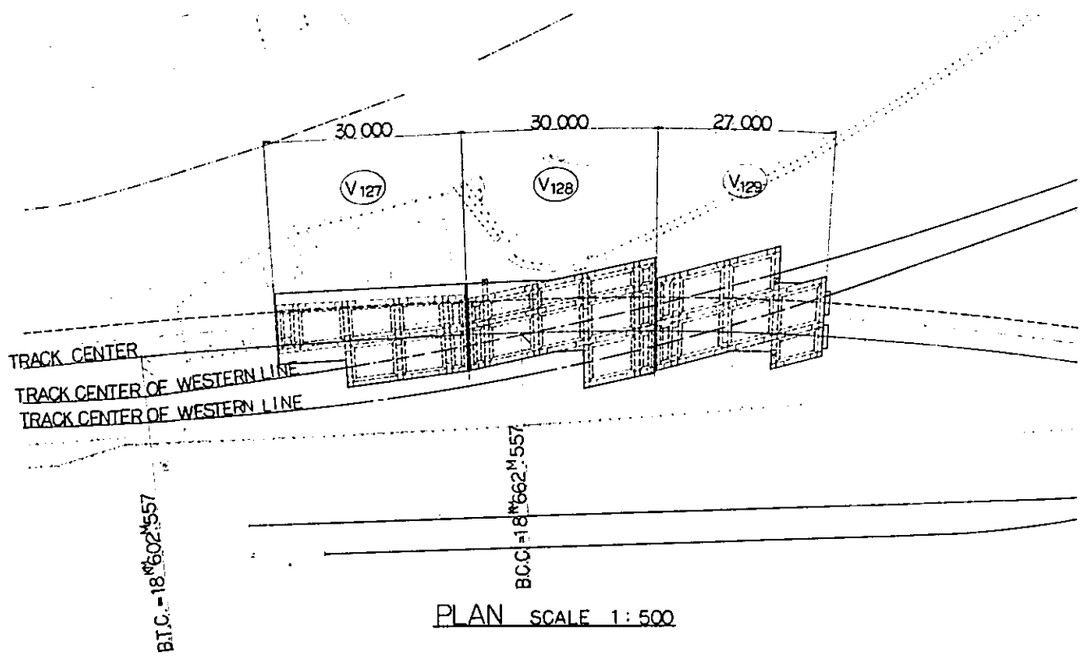
DRAWING NO: CS-250



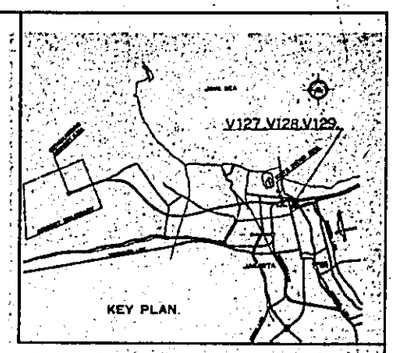
LONGITUDINAL SECTION SCALE 1:250



SECTION Ⓐ



PLAN SCALE 1:500



NOTE :

1 ALL DIMENSIONS ARE SHOWN IN MILLIMETERS UNLESS OTHERWISE INDICATED.

REPUBLIC OF INDONESIA
MINISTRY OF COMMUNICATIONS
DIRECTORATE GENERAL OF LAND TRANSPORT AND INLAND WATERWAYS

NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

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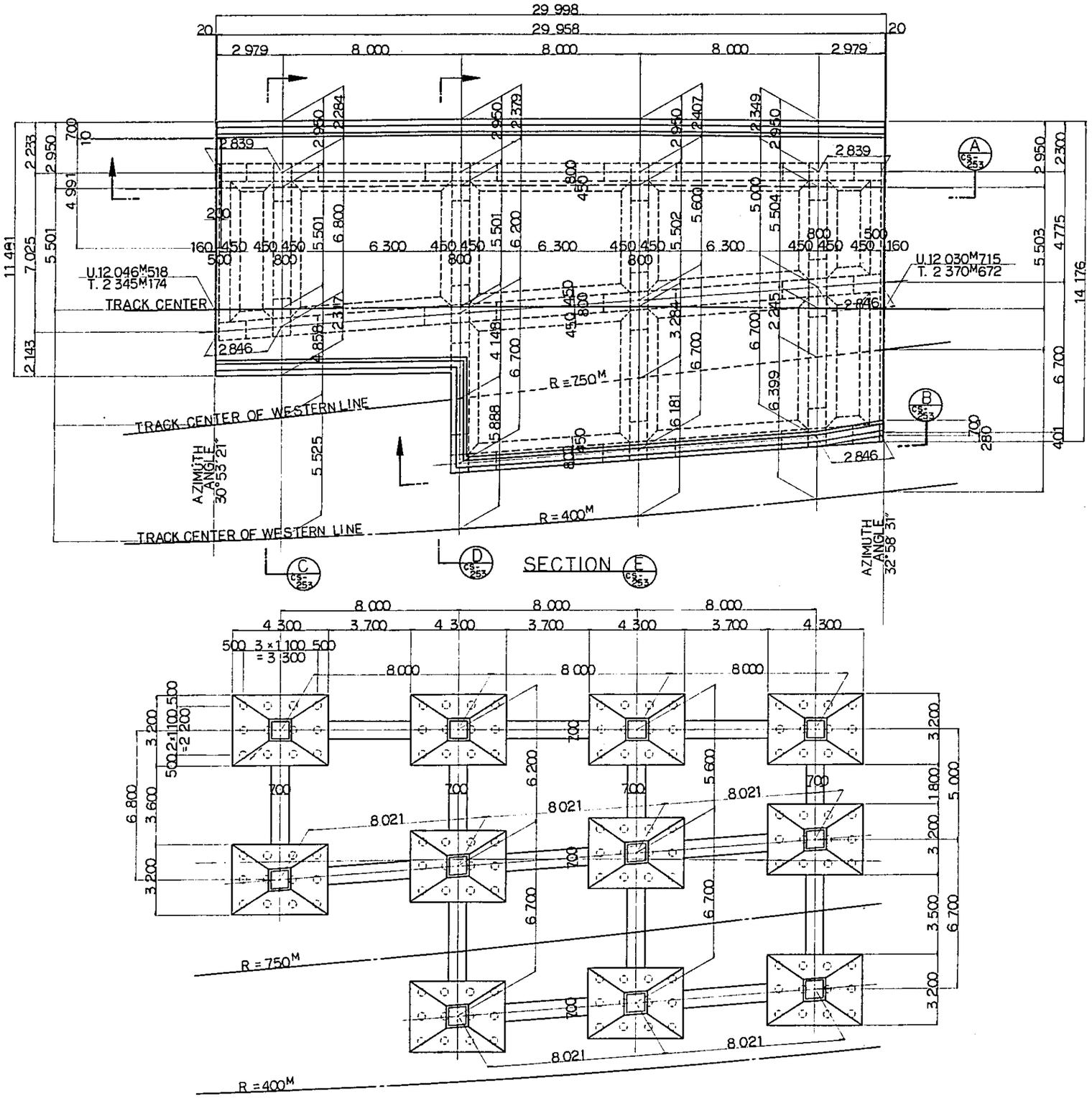
REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1 AUG. '84	T.K	A.O	K.A	K.M	M.K
A	15 FEB '84	T.K	A.O	K.A	K.M	M.K

GENERAL VIEW OF VIADUCT AT. OVER-PASS OF THE WESTERN LINE

PACKAGE: I. CIVIL AND ARCHITECTURAL WORK

SCALE 1:500,250 DRAWING NO. CS-251



NOTES:

1. ALL DIMENSIONS ARE SHOWN IN MILLIMETERS UNLESS OTHERWISE INDICATED
2. REFERENCE DRAWING FOR BAR ARRANGEMENT:

CS - 258	CS - 265
CS - 259	CS - 266
CS - 260	CS - 267
CS - 261	CS - 268
CS - 262	CS - 269
CS - 263	CS - 270
CS - 264	CS - 271

REPUBLIC OF INDONESIA
MINISTRY OF COMMUNICATIONS
DIRECTORATE GENERAL OF LAND TRANSPORT AND INLAND WATERWAYS

NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

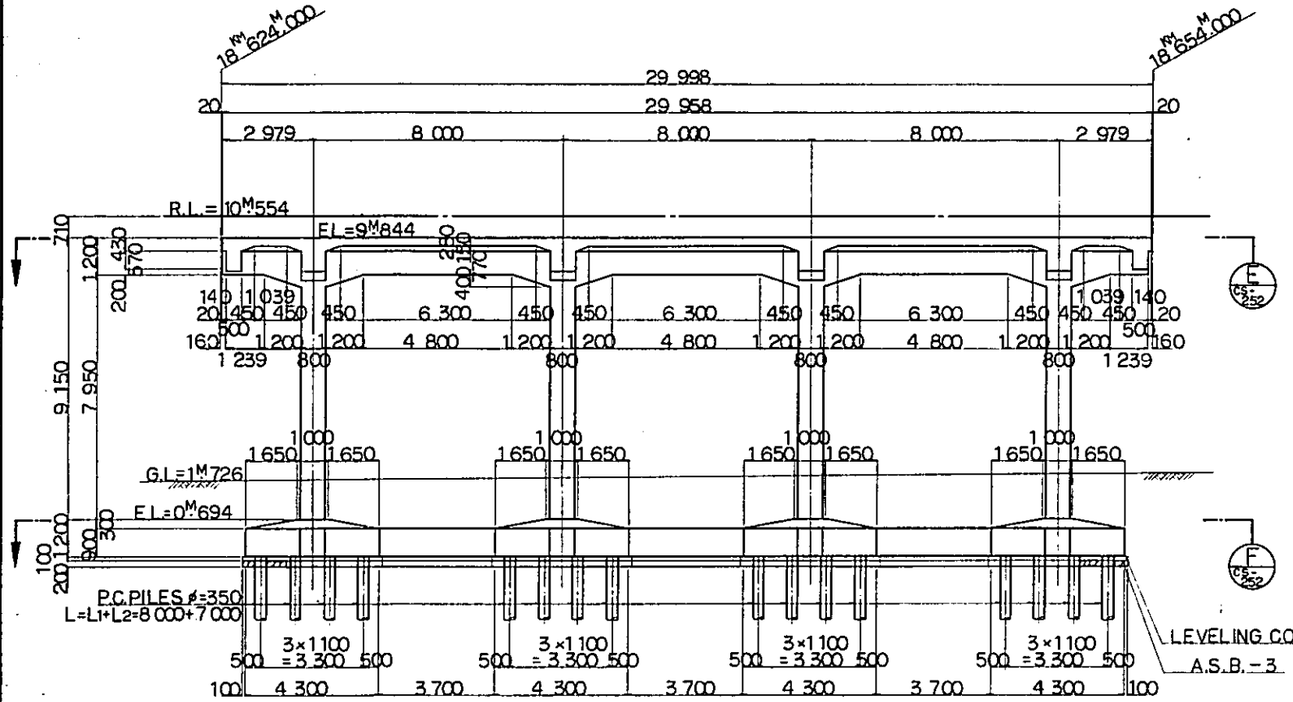
REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1 AUG. '84	T K	A O	K. A.	K.M	
A	15 FEB '84	T K	A O	K A	K.M	

VIADUCT V127
GENERAL VIEW
(SHEET 1 OF 2)

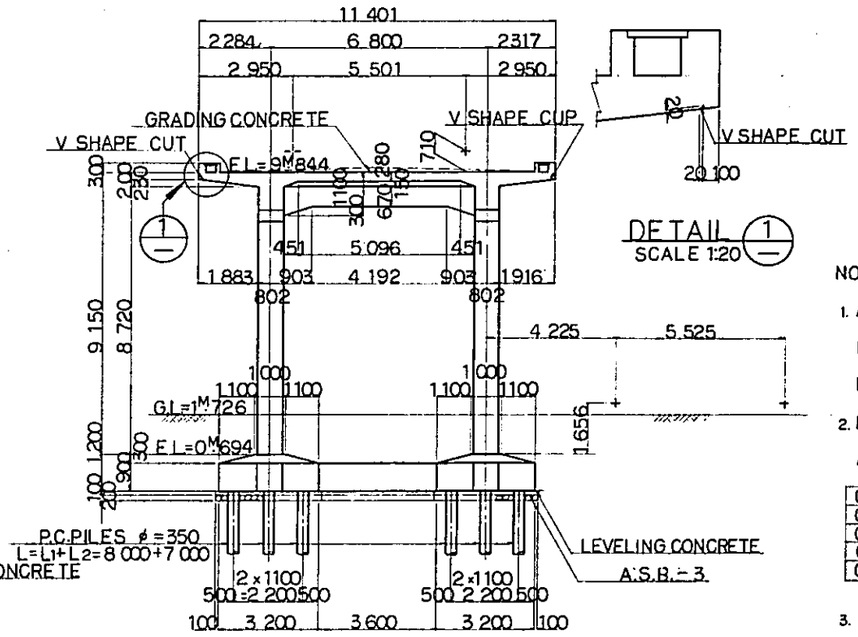
PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE 1 : 100

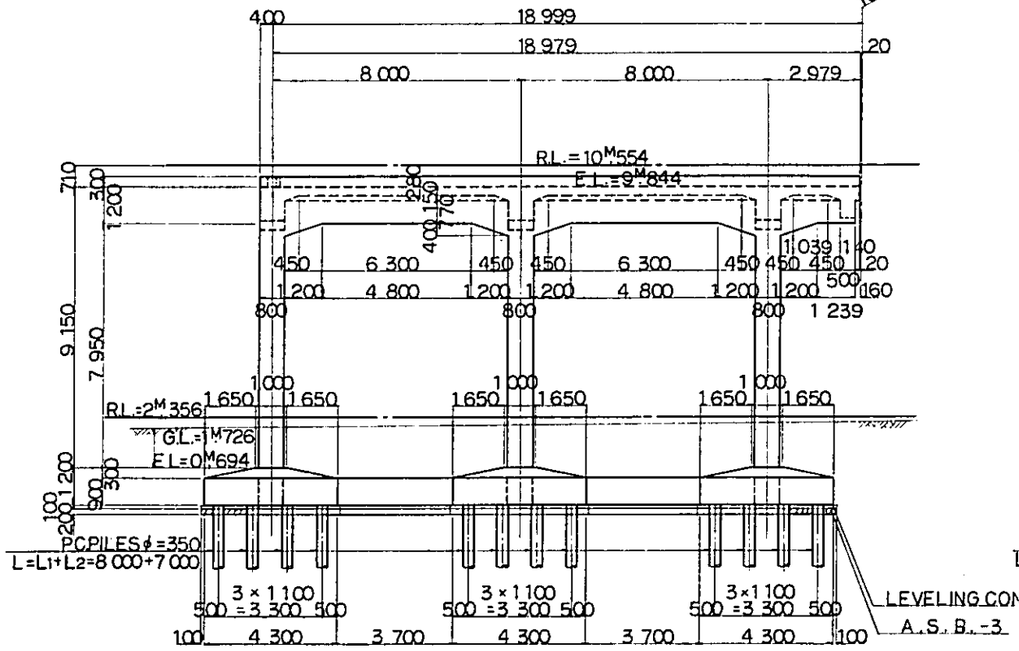
DRAWING NO. CS - 252



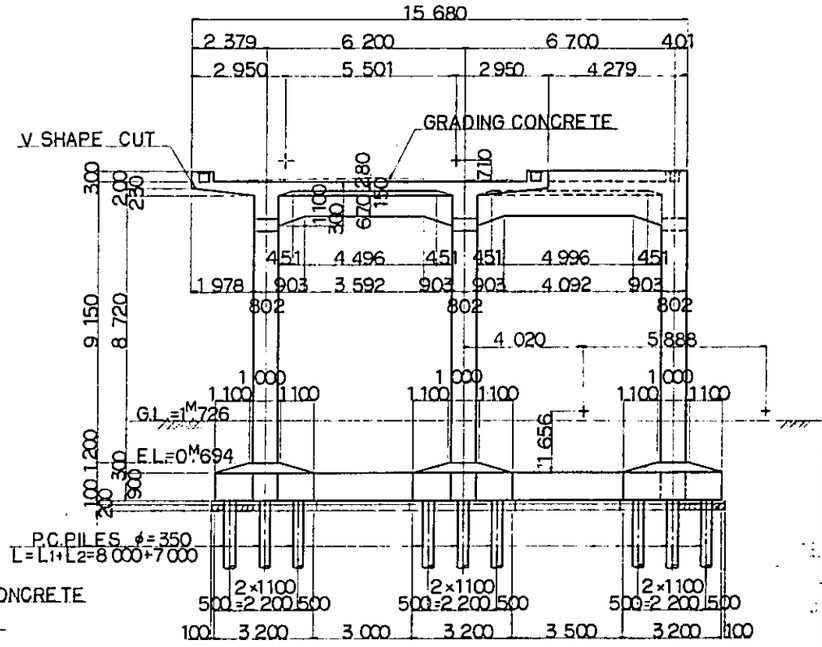
SECTION A (CS-252)



SECTION C (CS-252)



SECTION B (CS-252)



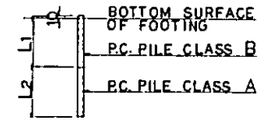
SECTION D (CS-252)

NOTES:

1. ALL DIMENSIONS ARE SHOWN IN MILLIMETERS UNLESS OTHERWISE INDICATED
2. REFERENCE DRAWING FOR BAR ARRANGEMENT :

CS - 258	CS - 263	CS - 268
CS - 259	CS - 264	CS - 269
CS - 260	CS - 265	CS - 270
CS - 261	CS - 266	CS - 271
CS - 262	CS - 267	

3. TYPES OF P.C. PILE



4. GRADING CONCRETE SHALL BE SIMULTANEOUSLY PLACED WITH SLAB CONCRETE

REPUBLIC OF INDONESIA
MINISTRY OF COMMUNICATIONS
DIRECTORATE GENERAL OF LAND TRANSPORT AND INLAND WATERWAYS

NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

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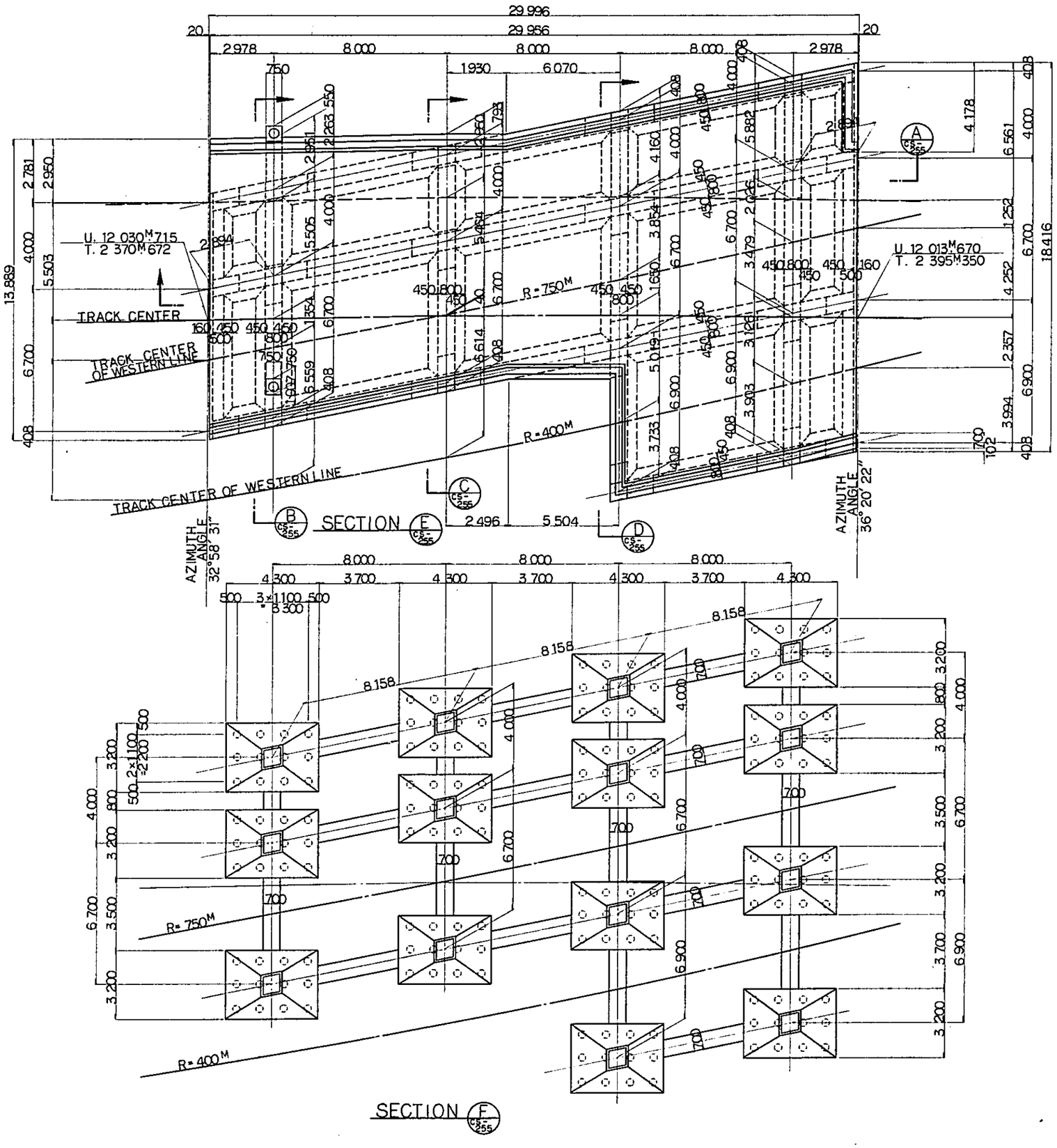
B	1 AUG. '84	T.K	A.O	K.A	K.M	
A	15 FEB. '84	T.K	A.O	K.A	K.M	

VIADUCT V127
GENERAL VIEW
(SHEET 2 OF 2)

PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE: 1:100

DRAWING NO: CS-253



NOTES:

1. ALL DIMENSIONS ARE SHOWN IN MILLIMETERS UNLESS OTHERWISE INDICATED
2. REFERENCE DRAWING FOR BAR ARRANGEMENT:

CS - 258	CS - 265
CS - 259	CS - 266
CS - 260	CS - 267
CS - 261	CS - 268
CS - 262	CS - 269
CS - 263	CS - 270
CS - 264	CS - 271

REPUBLIC OF INDONESIA
MINISTRY OF COMMUNICATIONS
DIRECTORATE GENERAL OF LAND TRANSPORT AND INLAND WATERWAYS

NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

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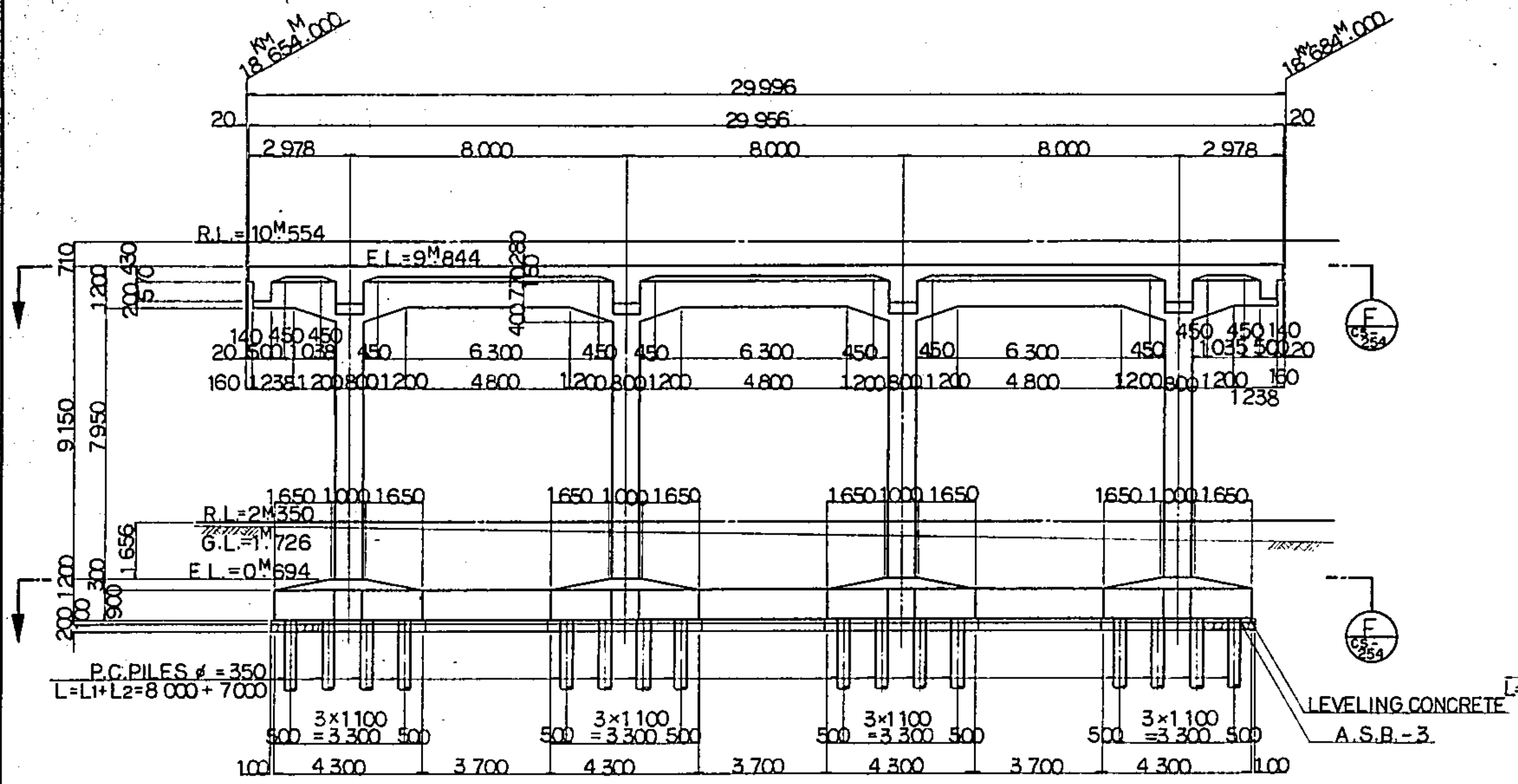
B	1AUG.'84	T.K	A.O	K.A	K.M	K
A	~~15FEB.'84~~	T.K	A.O	K.A	K.M	K

VIADUCT V128
GENERAL VIEW
(SHEET 1 OF 2)

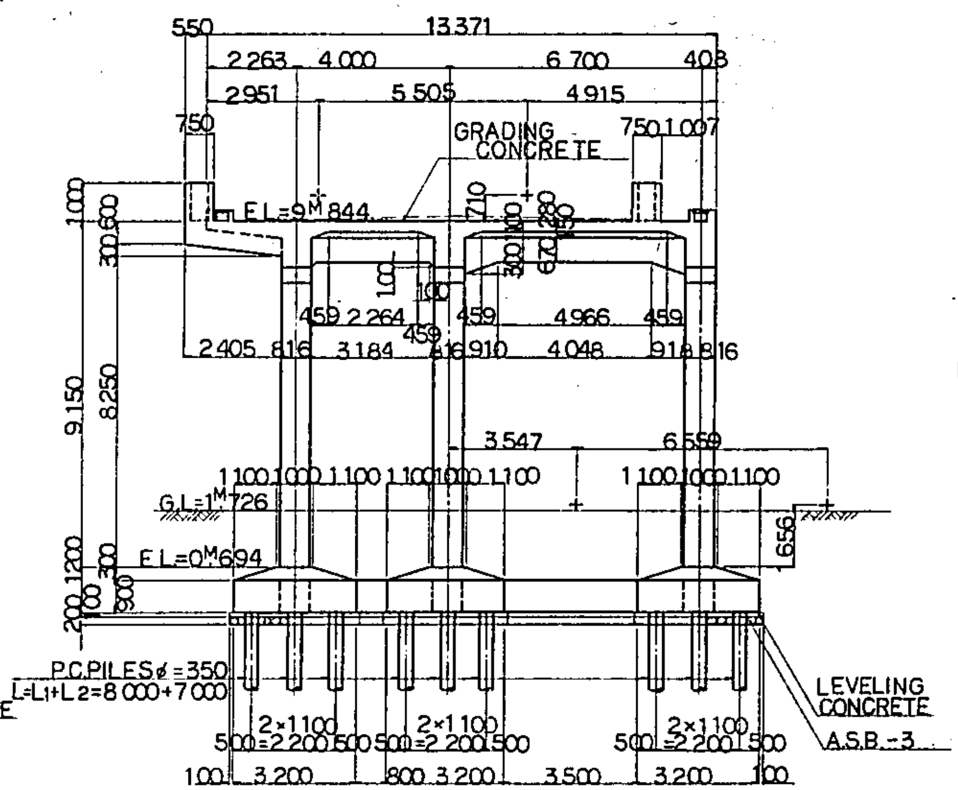
PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE 1 : 100

DRAWING NO. CS-254



SECTION A (CS-254)



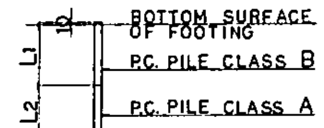
SECTION B (CS-254)

NOTES:

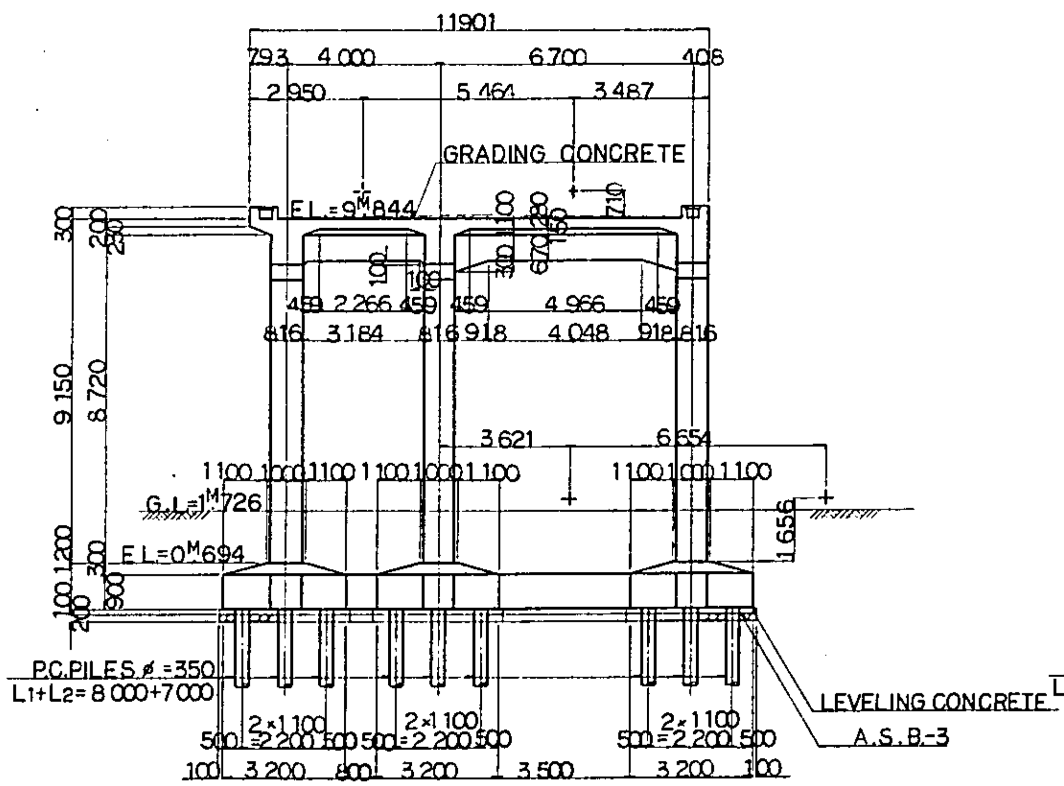
1. ALL DIMENSIONS ARE SHOWN IN MILLIMETERS UNLESS OTHERWISE INDICATED
2. REFERENCE DRAWING FOR BAR ARRANGEMENT:

CS - 258	CS - 263	CS - 268
CS - 259	CS - 264	CS - 269
CS - 260	CS - 265	CS - 270
CS - 261	CS - 266	CS - 271
CS - 262	CS - 267	

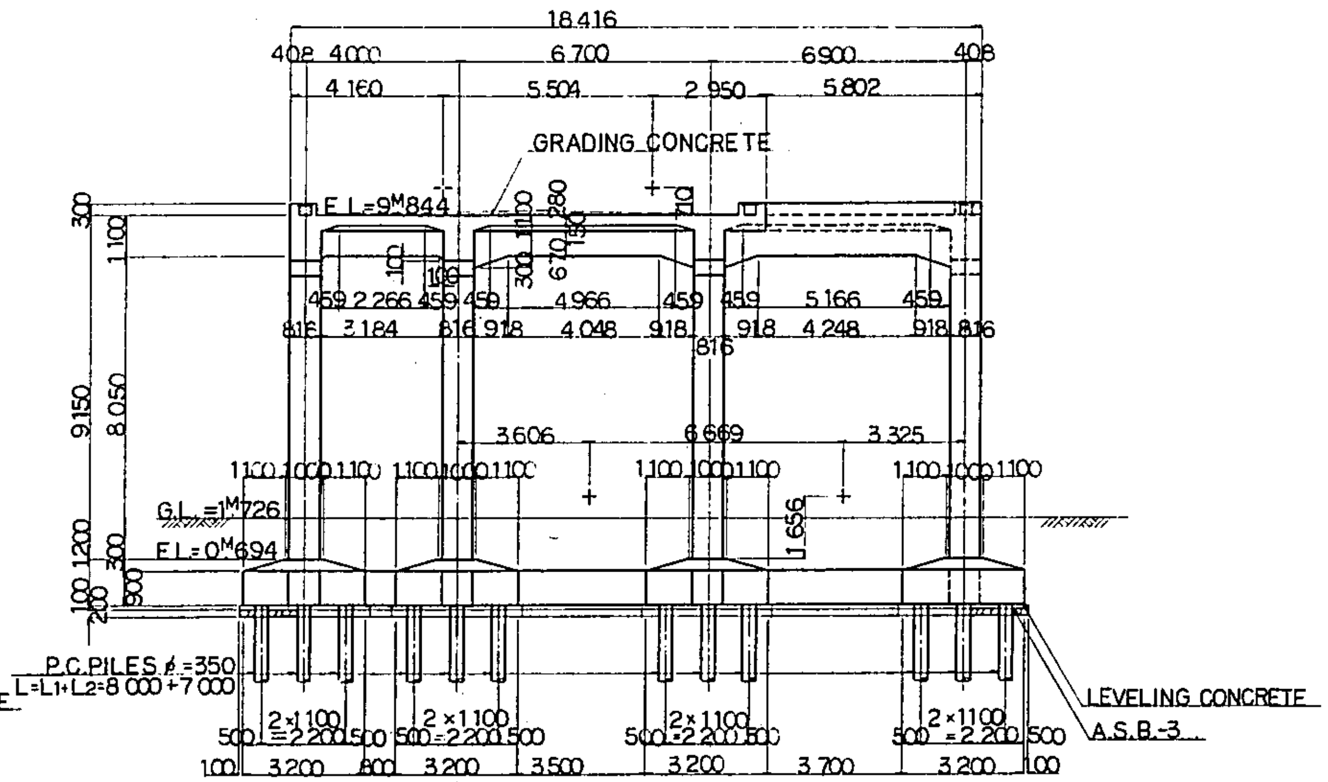
3. TYPES OF P.C. PILE



4. GRADING CONCRETE SHALL BE SIMULTANEOUSLY PLACED WITH SLAB CONCRETE



SECTION C (CS-254)



SECTION D (CS-254)

REPUBLIC OF INDONESIA
MINISTRY OF COMMUNICATIONS
DIRECTORATE GENERAL OF LAND TRANSPORT AND INLAND WATERWAYS

NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

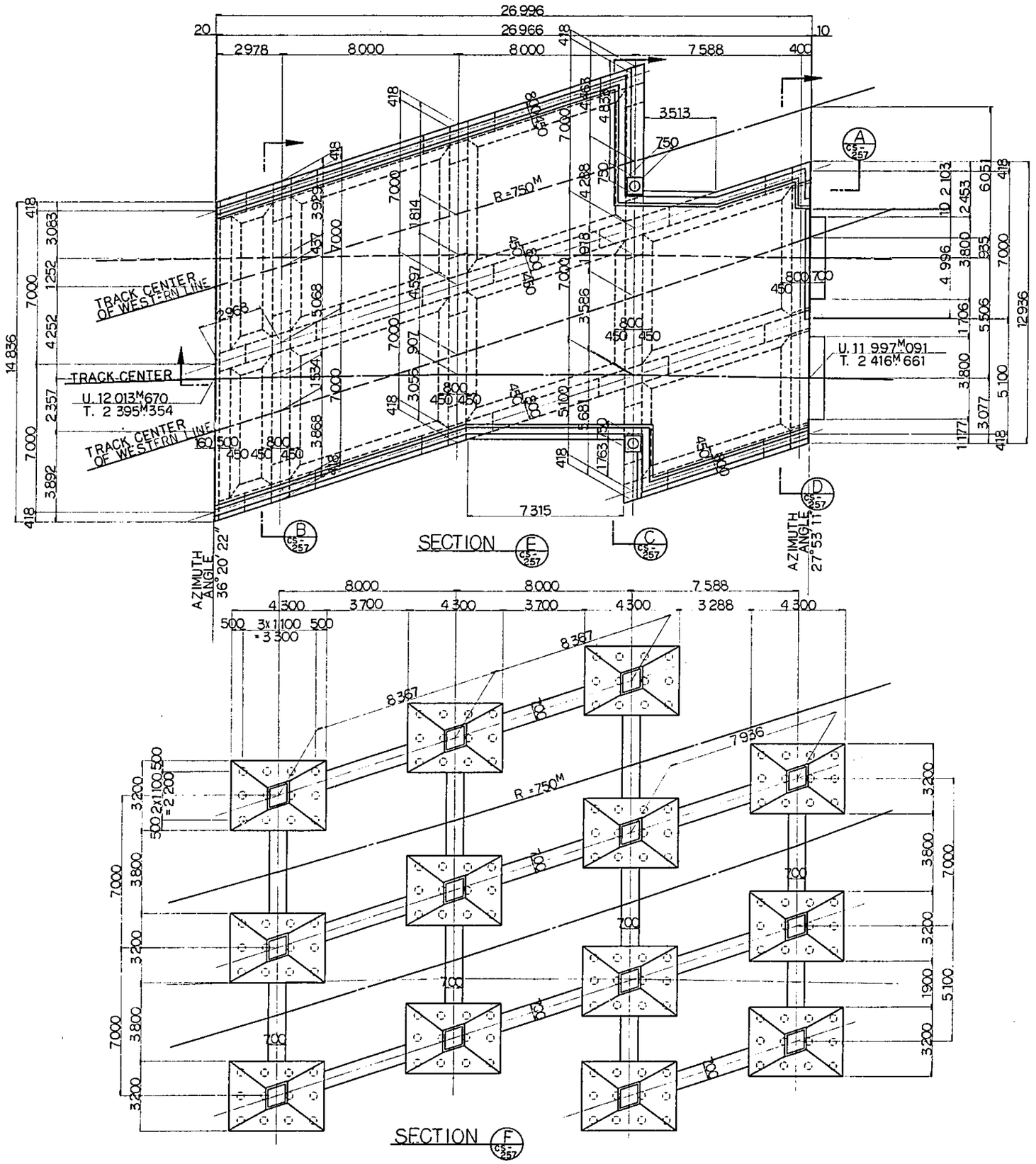
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1 AUG.'84	T.K.	A.O.	K.A.	K.M.	M.K.
A	1 FEB.'84	T.K.	A.O.	K.A.	K.M.	M.K.

VIADUCT V128
GENERAL VIEW
(SHEET 2 OF 2)

PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE: 1:100 | DRAWING NO: CS-255



NOTES:

1. ALL DIMENSIONS ARE SHOWN IN MILLIMETERS UNLESS OTHERWISE INDICATED
2. REFERENCE DRAWING FOR BAR ARRANGEMENT:

CS - 258	CS - 265
CS - 259	CS - 266
CS - 260	CS - 267
CS - 261	CS - 268
CS - 262	CS - 269
CS - 263	CS - 270
CS - 264	CS - 271

REPUBLIC OF INDONESIA
MINISTRY OF COMMUNICATIONS
DIRECTORATE GENERAL OF LAND TRANSPORT AND INLAND WATERWAYS

NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

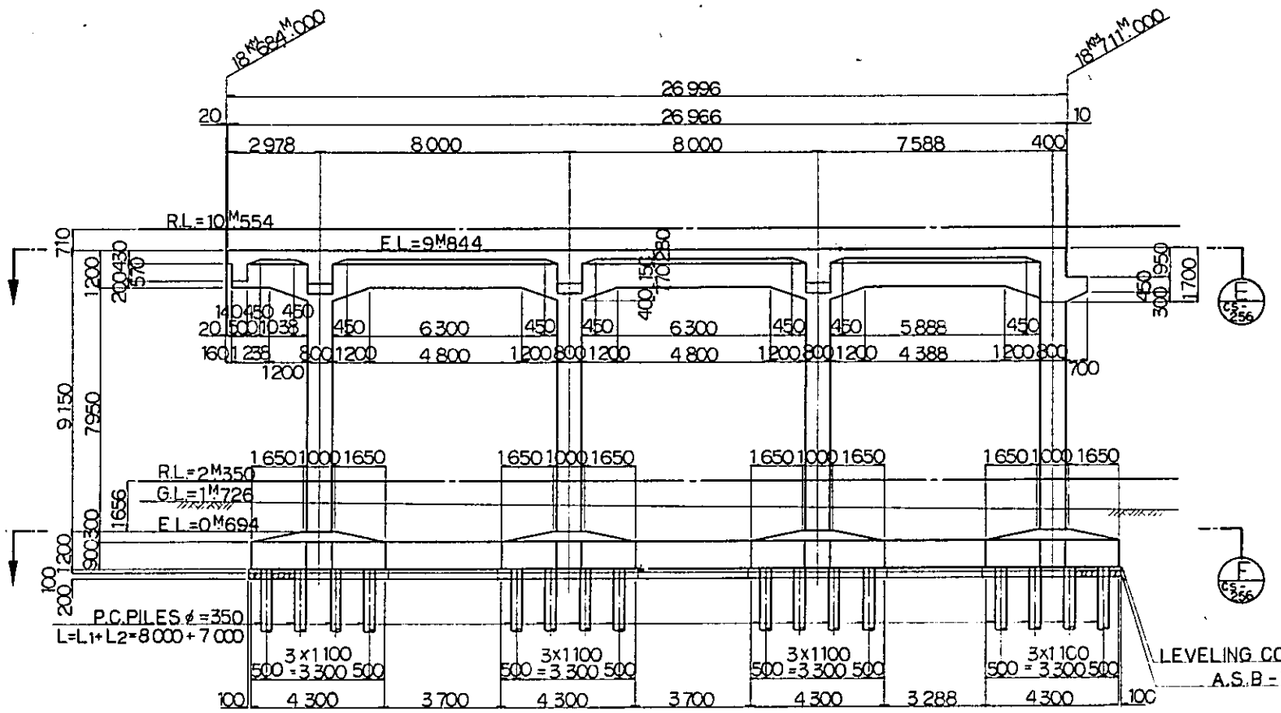
REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1 AUG '84	T.K	A.O	K.A	K.M	
A	15 FEB '84	T.K	A.O	K.A	K.M	

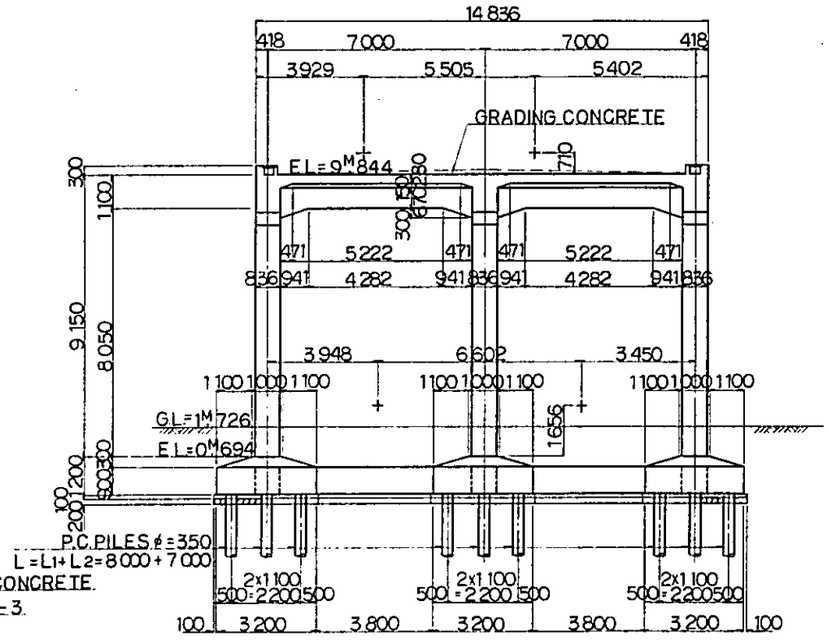
VIADUCT V129
GENERAL VIEW
(SHEET 1 OF 2)

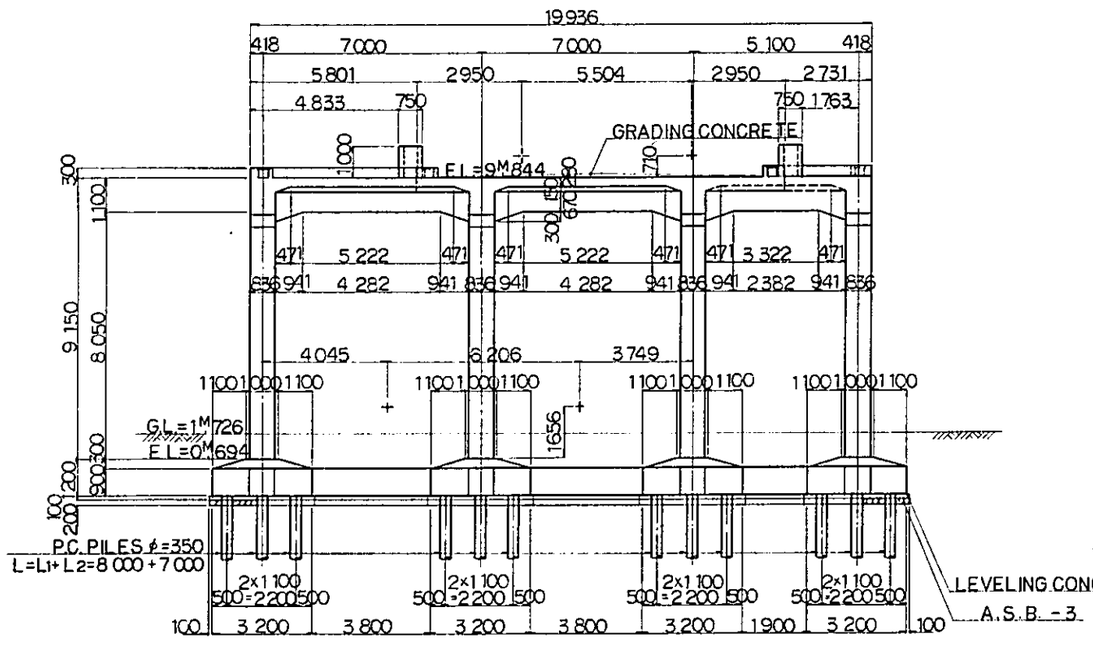
PACKAGE: I CIVIL AND ARCHITECTURAL WORK

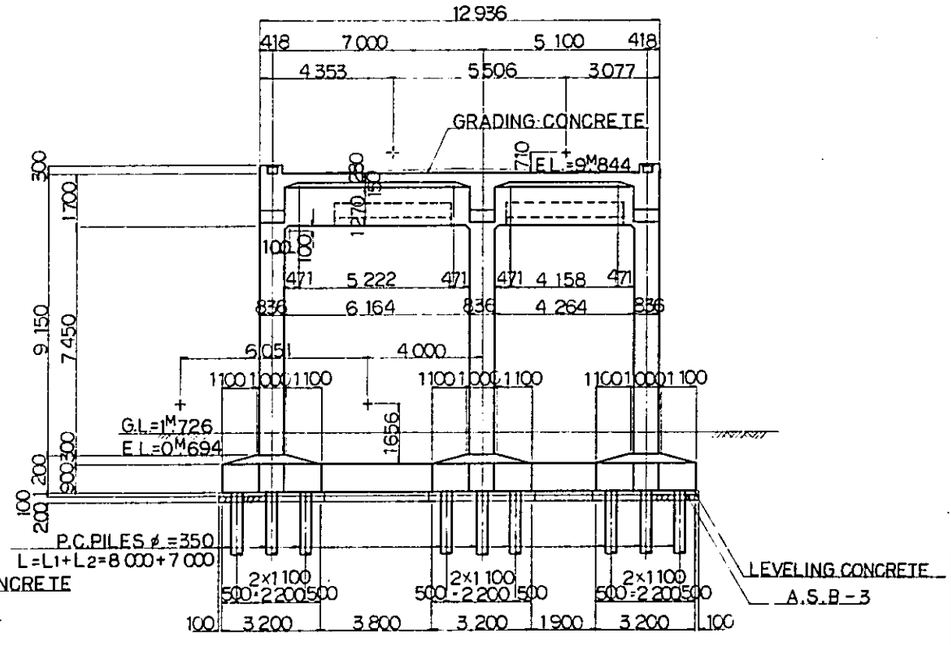
SCALE 1 : 100

DRAWING NO: CS-256







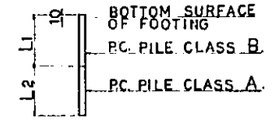


NOTES:

1. ALL DIMENSIONS ARE SHOWN IN MILLIMETERS UNLESS OTHERWISE INDICATED
2. REFERENCE DRAWING FOR BAR ARRANGEMENT:

CS - 258	CS - 263	CS - 268
CS - 259	CS - 264	CS - 269
CS - 260	CS - 265	CS - 270
CS - 261	CS - 266	CS - 271
CS - 262	CS - 267	

3. TYPES OF P.C. PILE



4. GRADING CONCRETE SHALL BE SIMULTANEOUSLY PLACED WITH SLAB CONCRETE

REPUBLIC OF INDONESIA
MINISTRY OF COMMUNICATIONS
DIRECTORATE GENERAL OF LAND TRANSPORT AND INLAND WATERWAYS

NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

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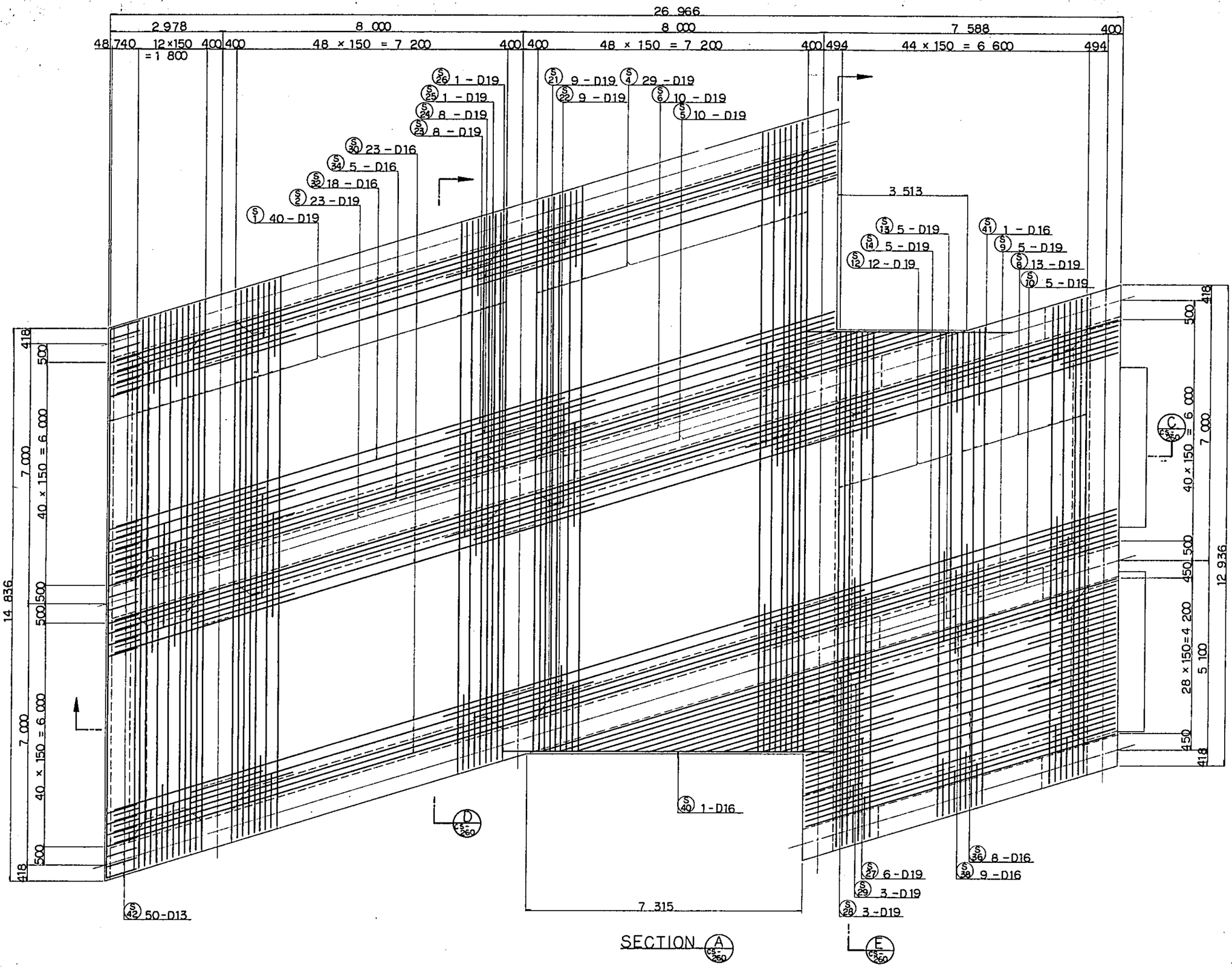
B	1 AUG. '84	T.K	A.O	K.A	K.M	
A	15 FEB. '84	T.K	A.O	K.A	K.M	

VIADUCT V129
GENERAL VIEW
(SHEET 2 OF 2)

PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE: 1 : 100

DRAWING NO.: CS-257



NOTES:

1. ALL DIMENSIONS ARE SHOWN IN MILLIMETERS UNLESS OTHERWISE INDICATED
2. REFERENCE DRAWING FOR GENERAL VIEW : CS - 256.
   CS - 257.

REPUBLIC OF INDONESIA
MINISTRY OF COMMUNICATIONS
DIRECTORATE GENERAL OF LAND TRANSPORT AND INLAND WATERWAYS

NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

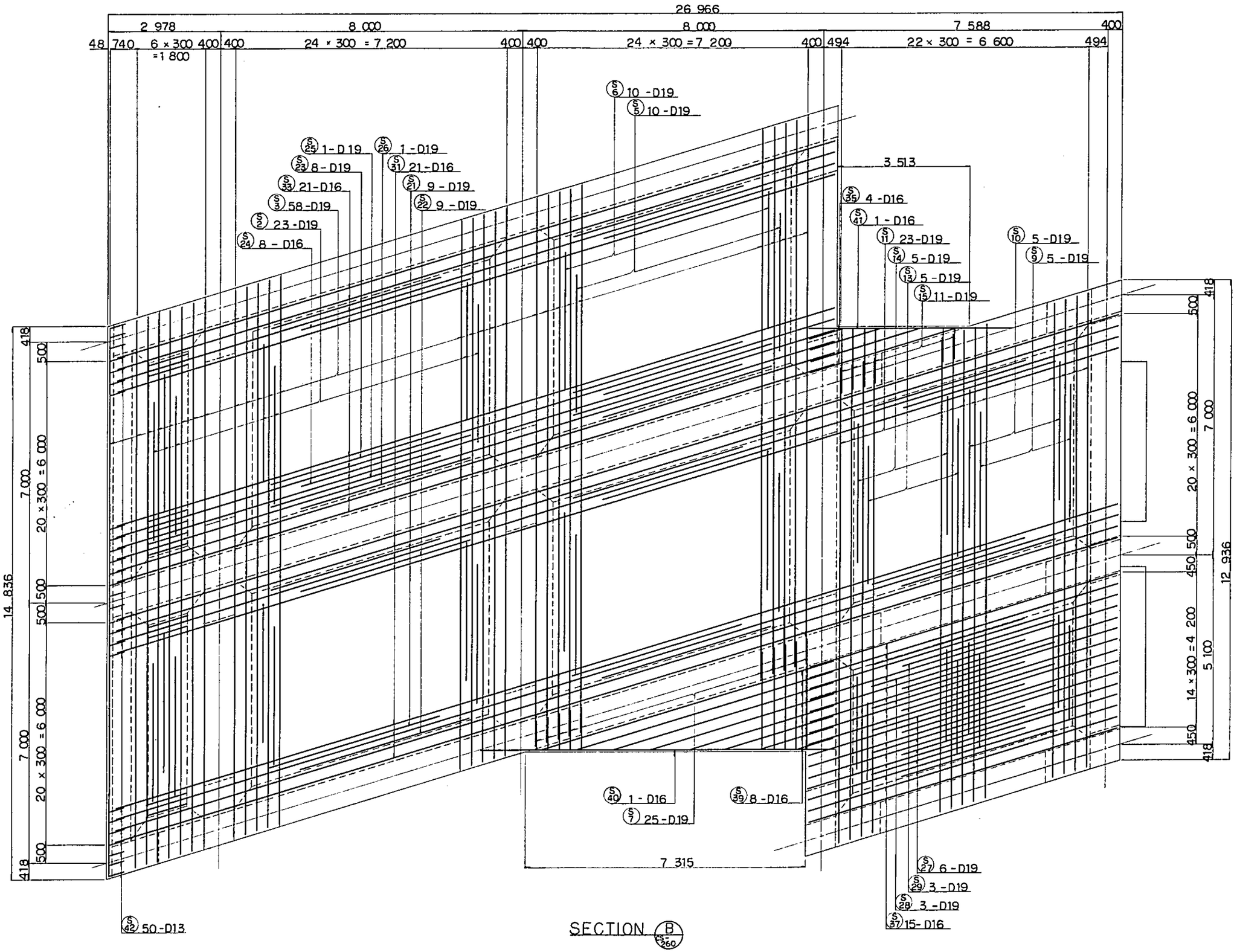
REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1 AUG. '84	T.K	A.O	K.S	K.M	A.K
A	ISSUED	T.K	A.O	K.S	K.M	A.K

VIADUCT V129
BAR ARRANGEMENT
(SHEET 1 OF 14)

PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE 1 : 50

DRAWING NO: CS-258



SECTION B CS-260

NOTES:

1. ALL DIMENSIONS ARE SHOWN IN MILLIMETERS UNLESS OTHERWISE INDICATED
2. REFERENCE DRAWING FOR GENERAL VIEW: CS - 256. CS - 257.

REPUBLIC OF INDONESIA
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DIRECTORATE GENERAL OF LAND TRANSPORT AND INLAND WATERWAYS

NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

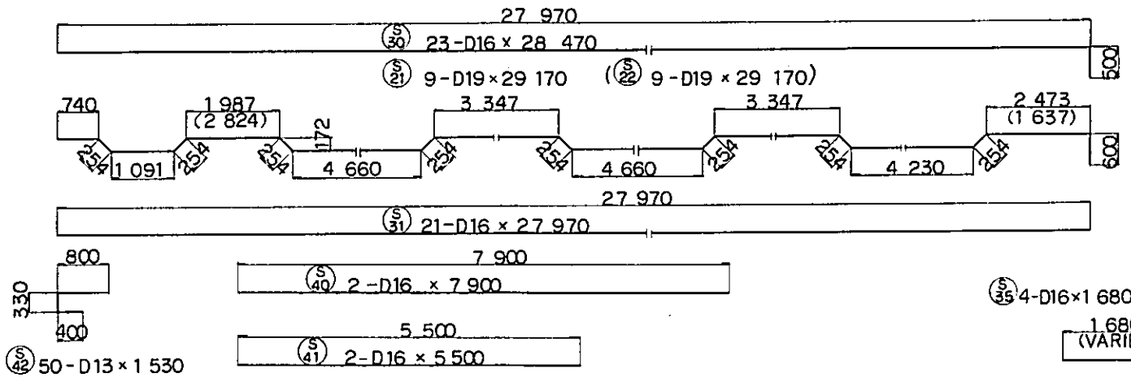
REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1 AUG. '84	T.K	A.O	K.A	K.M	M.K
A	15 FEB. '84	T.K	A.O	K.A	K.M	M.K

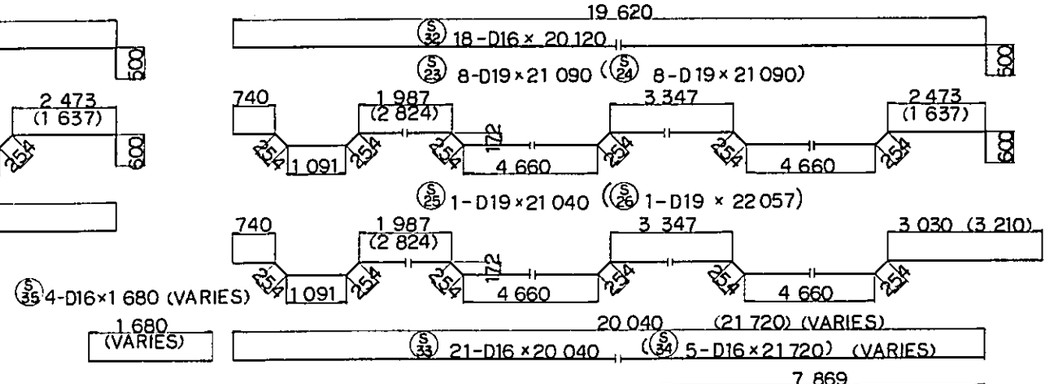
VIADUCT V129
BAR ARRANGEMENT
(SHEET 2 OF 14)

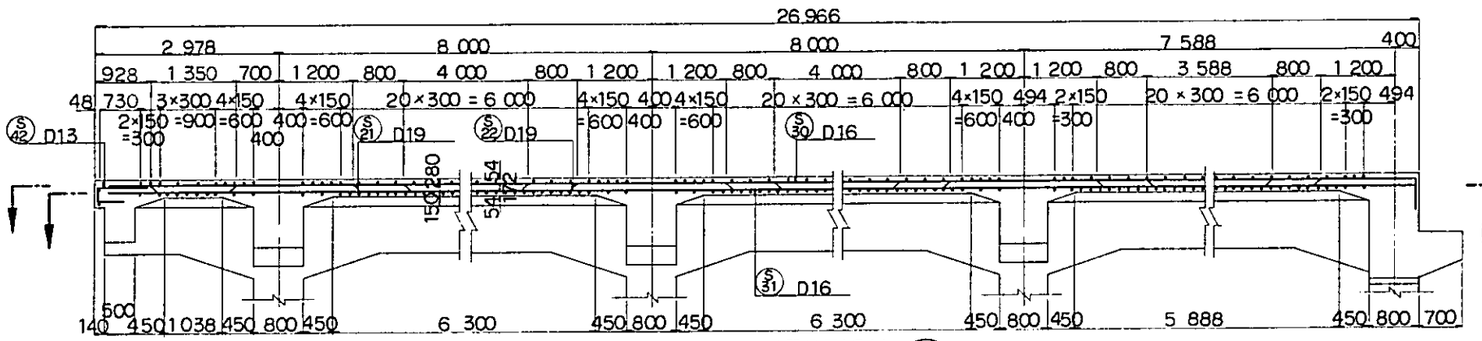
PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE 1 : 50

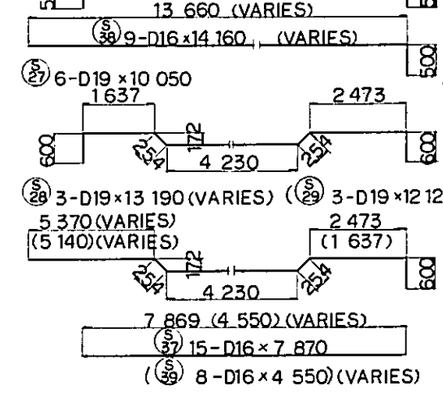
DRAWING NO: CS-259





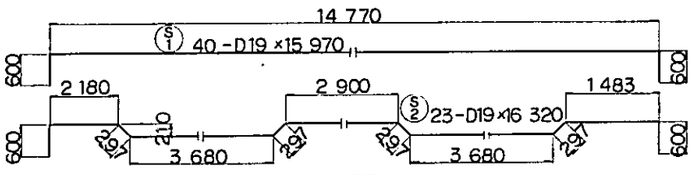


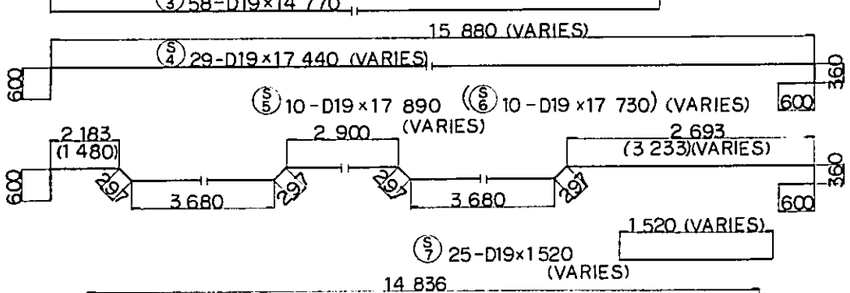
SECTION (C) CS-258

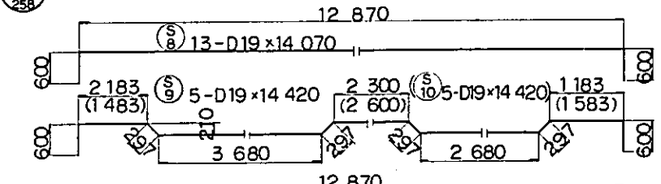


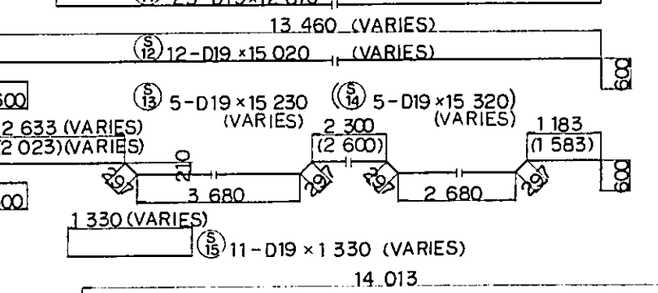
NOTES:

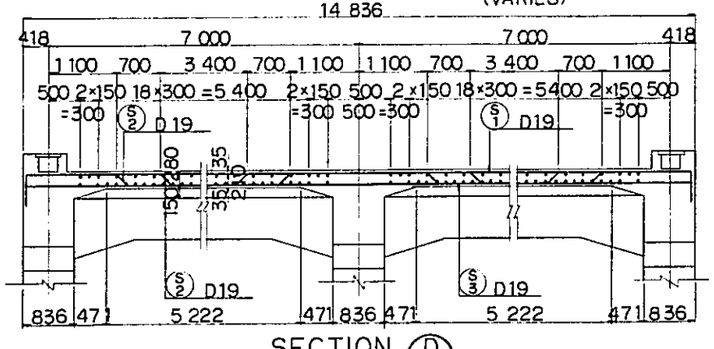
1. ALL DIMENSIONS ARE SHOWN IN MILLIMETERS UNLESS OTHERWISE INDICATED
2. REFERENCE DRAWING FOR GENERAL VIEW : CS - 256. CS - 257.



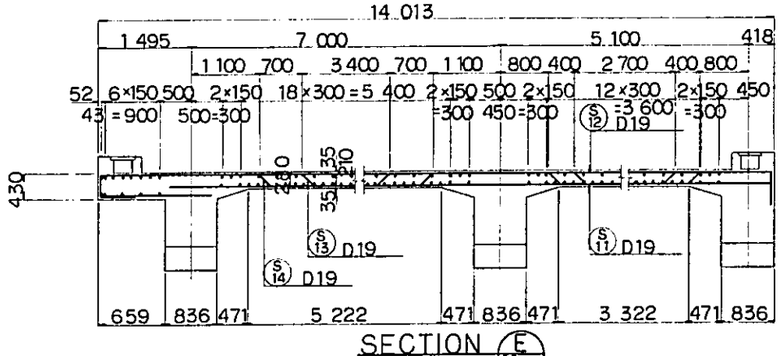




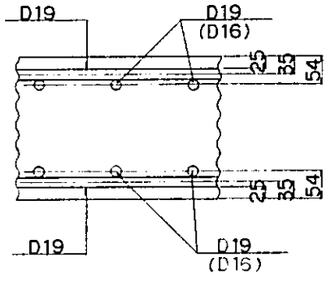




SECTION (D) CS-258



SECTION (E) CS-258



CONCRETE COVER

REPUBLIC OF INDONESIA
MINISTRY OF COMMUNICATIONS
DIRECTORATE GENERAL OF LAND TRANSPORT AND INLAND WATERWAYS

NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

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B	1AUG'84	T.K	A.O	K.A	K.M	M.K
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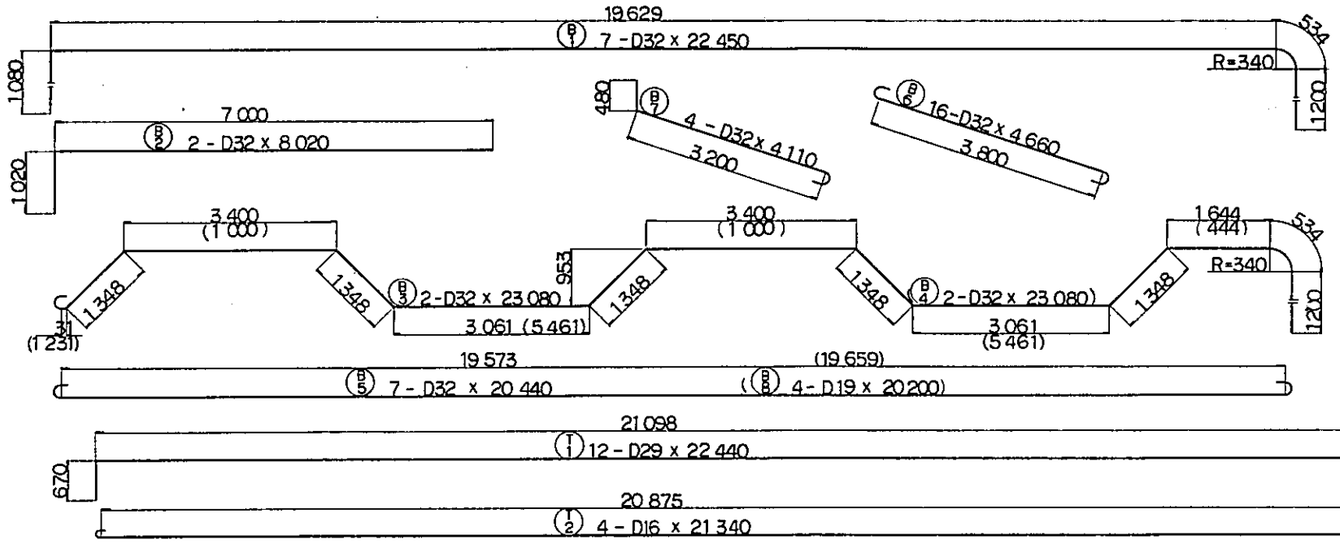
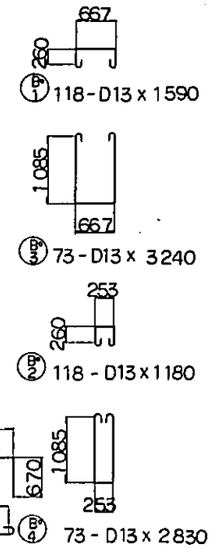
VIADUCT V129
BAR ARRANGEMENT
(SHEET 3 OF 14)

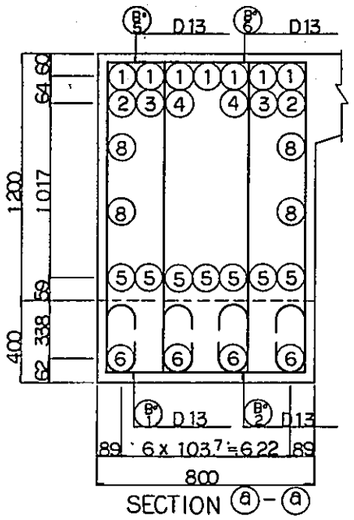
PACKAGE: I CIVIL AND ARCHITECTURAL WORK

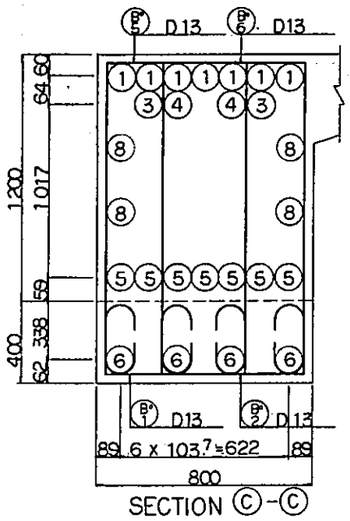
SCALE 1 : 50

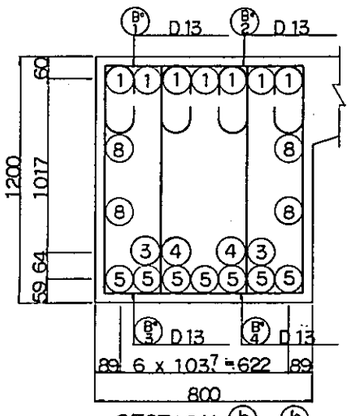
DRAWING NO: CS-260

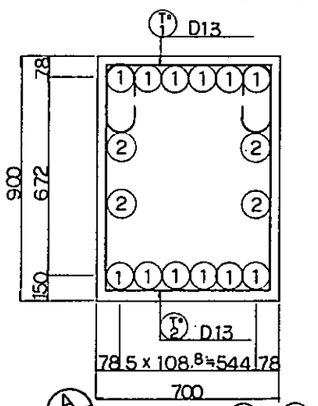


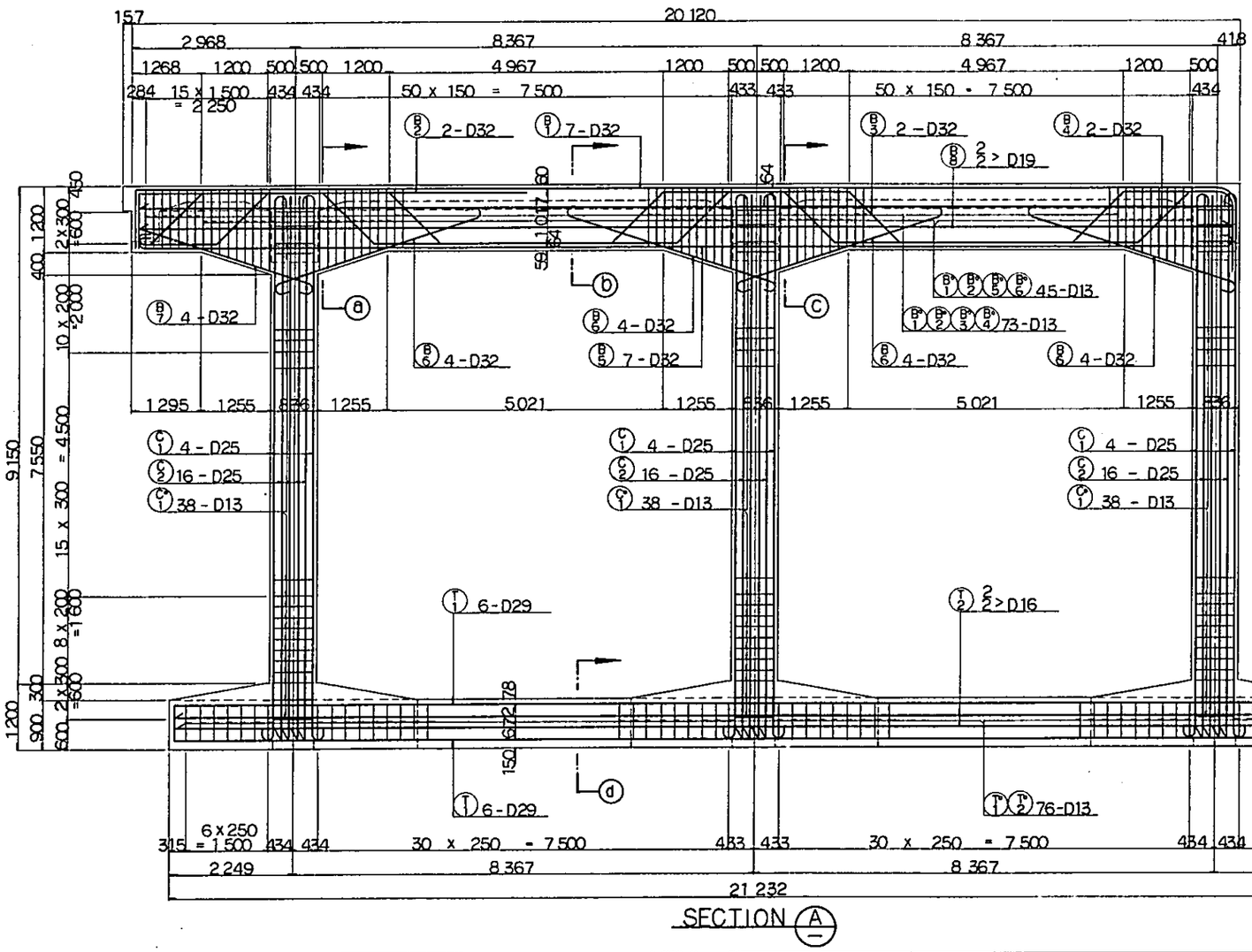




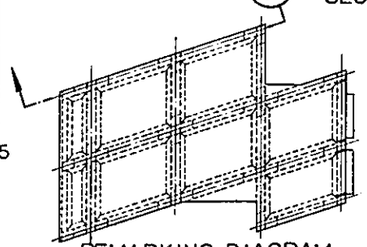








SECTION (A)



REMARKING DIAGRAM

NOTES:

1. ALL DIMENSIONS ARE SHOWN IN MILLIMETERS UNLESS OTHERWISE INDICATED
2. REFERENCE DRAWING FOR GENERAL VIEW : CS - 256, CS - 257.

REPUBLIC OF INDONESIA
MINISTRY OF COMMUNICATIONS
DIRECTORATE GENERAL OF LAND TRANSPORT AND INLAND WATERWAYS

NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

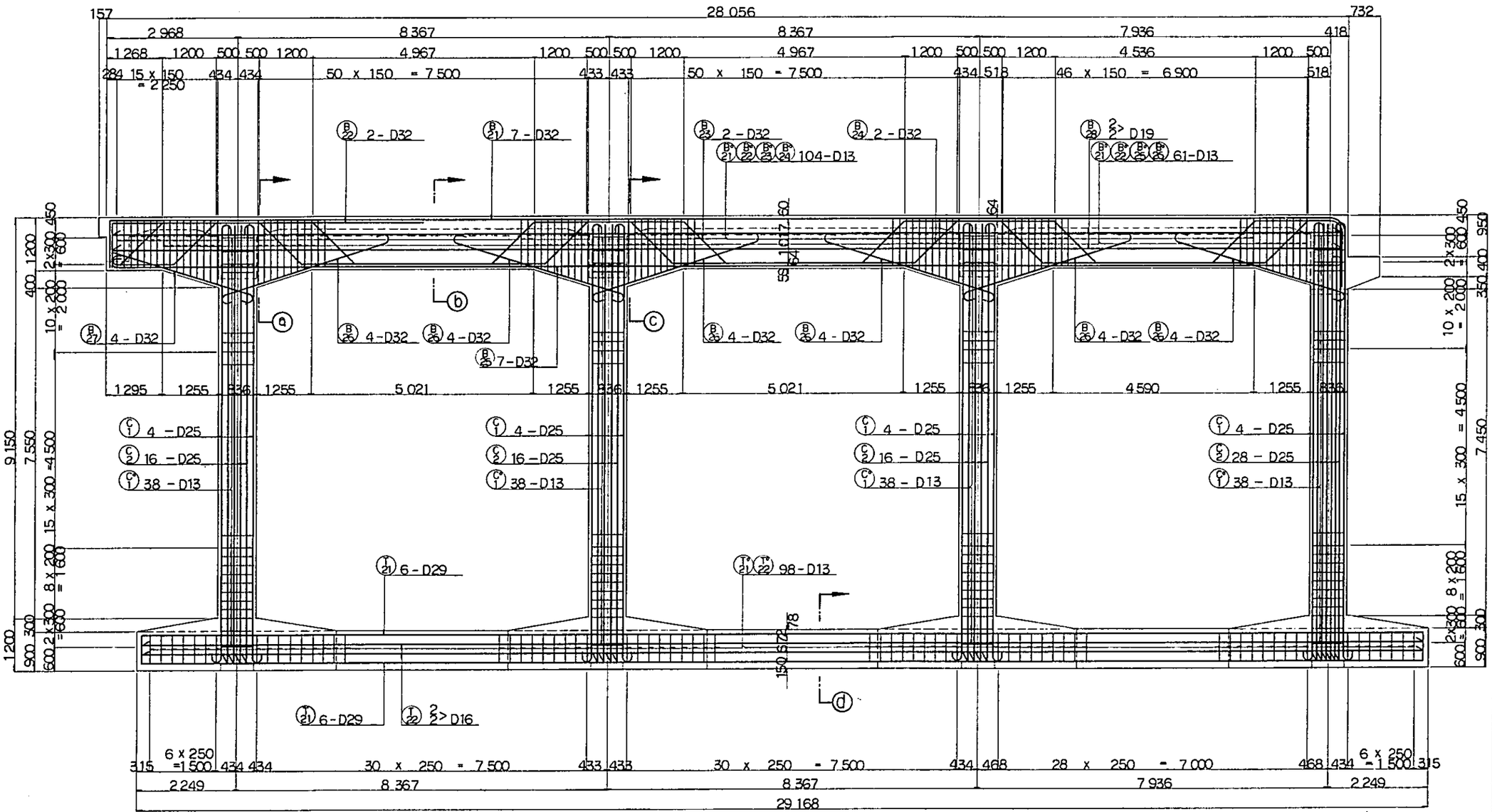
REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1 AUG '84	T.K	A.O	K.S.	K.M	[illegible]
A	15 FEB '84	T.K	A.O	K.S.	K.M	[illegible]

VIADUCT V129
BAR ARRANGEMENT
(SHEET 4 OF 14)

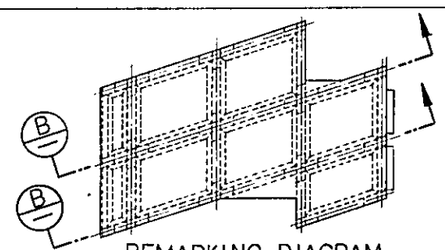
PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE 1 : 50.

DRAWING NO: CS-261



SECTION B



REMARKING DIAGRAM

NOTES:

1. ALL DIMENSIONS ARE SHOWN IN MILLIMETERS UNLESS OTHERWISE INDICATED
2. REFERENCE DRAWING FOR GENERAL VIEW: CS - 256
   CS - 257.

REPUBLIC OF INDONESIA
MINISTRY OF COMMUNICATIONS
DIRECTORATE GENERAL OF LAND TRANSPORT AND INLAND WATERWAYS

NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

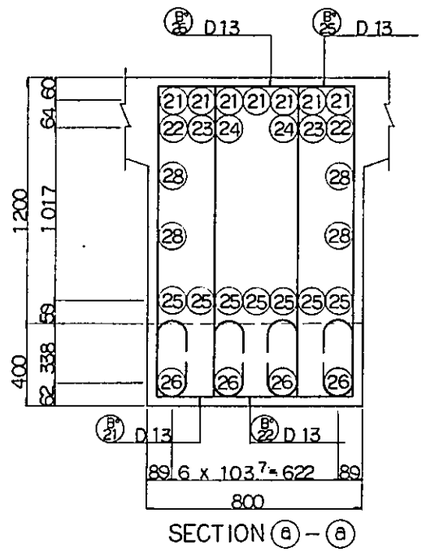
REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1AUG.'84	T.K	A.O	K.K	K.M	
A	15FEB.'84	T.K	A.O	K.K	K.M	

VIADUCT V129
BAR ARRANGEMENT
(SHEET 5 OF 14)

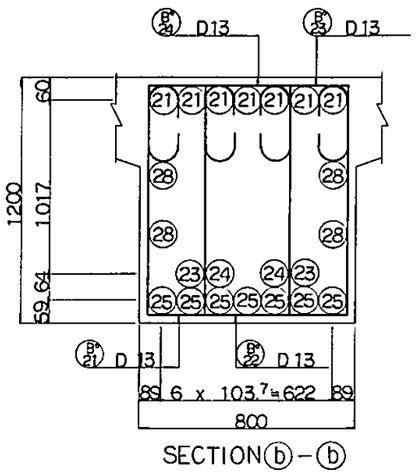
PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE 1 : 50

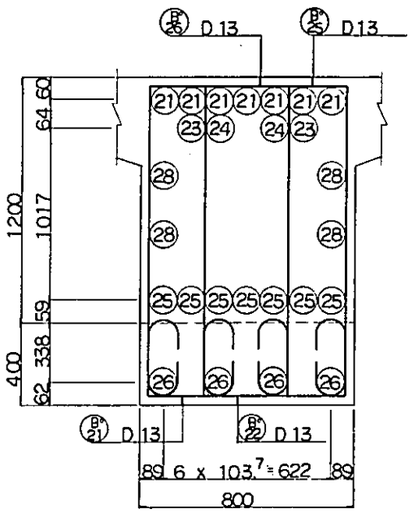
DRAWING NO. CS-262



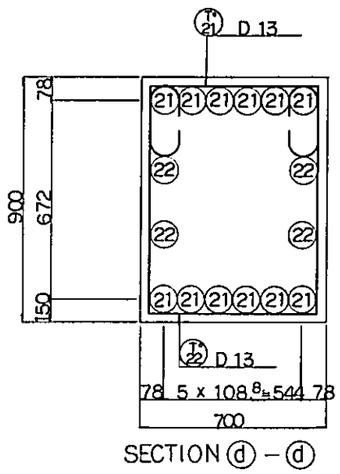
SECTION ⓐ – ⓐ



SECTION ⓑ – ⓑ



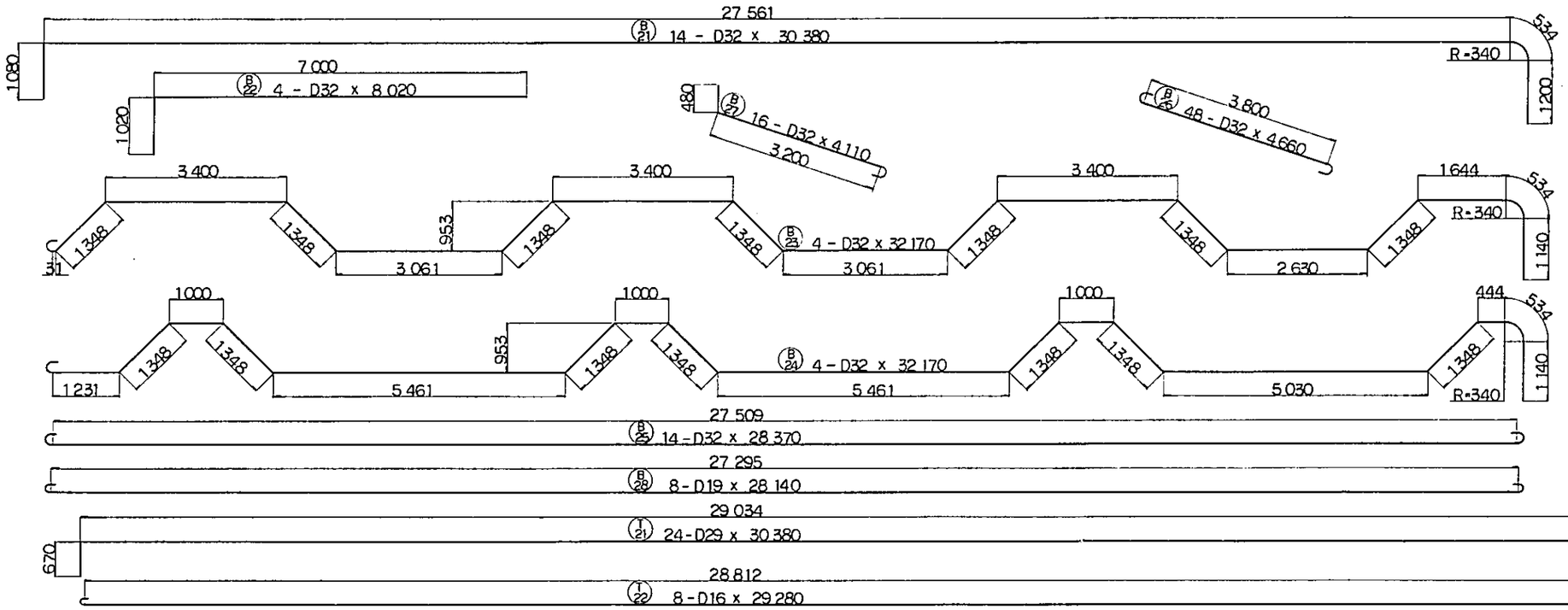
SECTION ⓒ – ⓒ

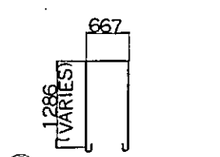


SECTION ⓓ – ⓓ

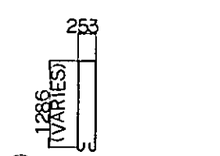
NOTES:

1. ALL DIMENSIONS ARE SHOWN IN MILLIMETERS UNLESS OTHERWISE INDICATED
2. REFERENCE DRAWING FOR BAR ARRANGEMENT : CS - 257.

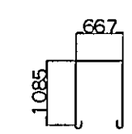




B25 122 - D13 x 3.640 (VARIES)

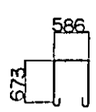


B26 122 - D13 x 3.230 (VARIES)

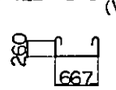


B23 208 - D13 x 3.240

B24 208 - D13 x 2.830

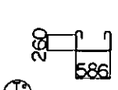


J22 196 - D13 x 2.340



B21 330 - D13 x 1.590

B22 330 - D13 x 1.180



J21 196 - D13 x 1.510

REPUBLIC OF INDONESIA
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NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

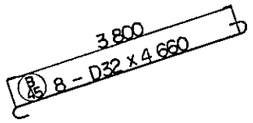
REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1 AUG. '84	T.K	A.O	K.A	K.M	M.K
A	15 FEB. '84	T.K	A.O	K.A	K.M	M.K

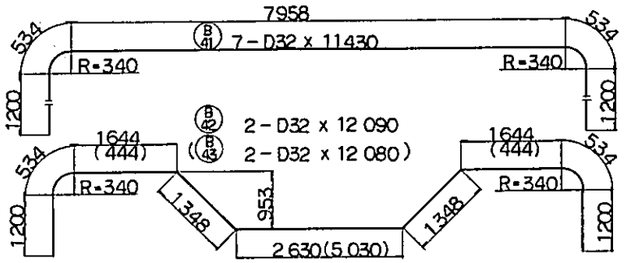
VIADUCT V129
BAR ARRANGEMENT
(SHEET 6 OF 14)

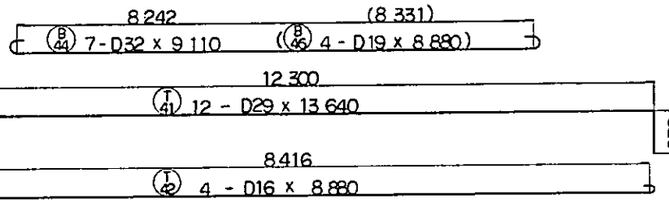
PACKAGE: I CIVIL AND ARCHITECTURAL WORK

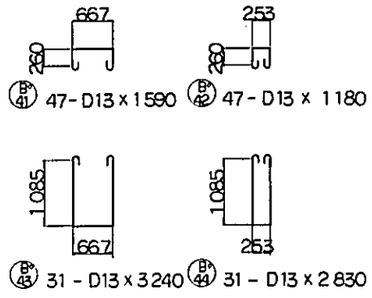
SCALE 1 : 50

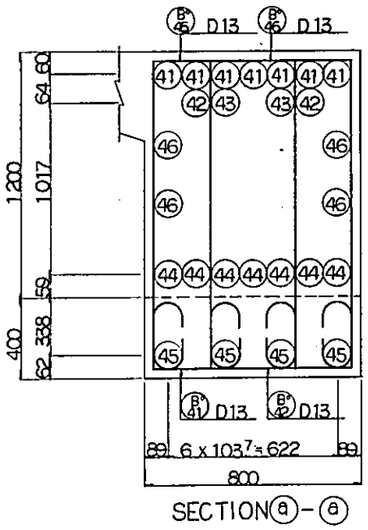
DRAWING NO: CS – 263



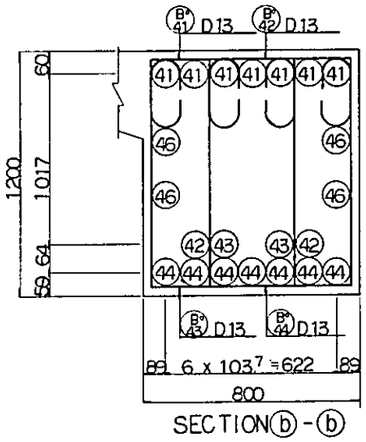




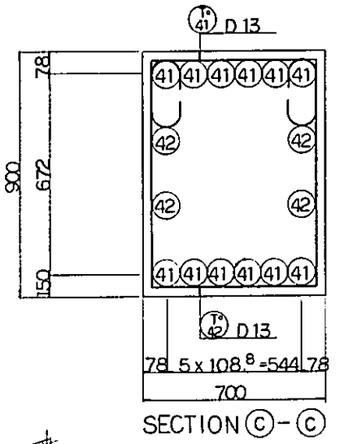




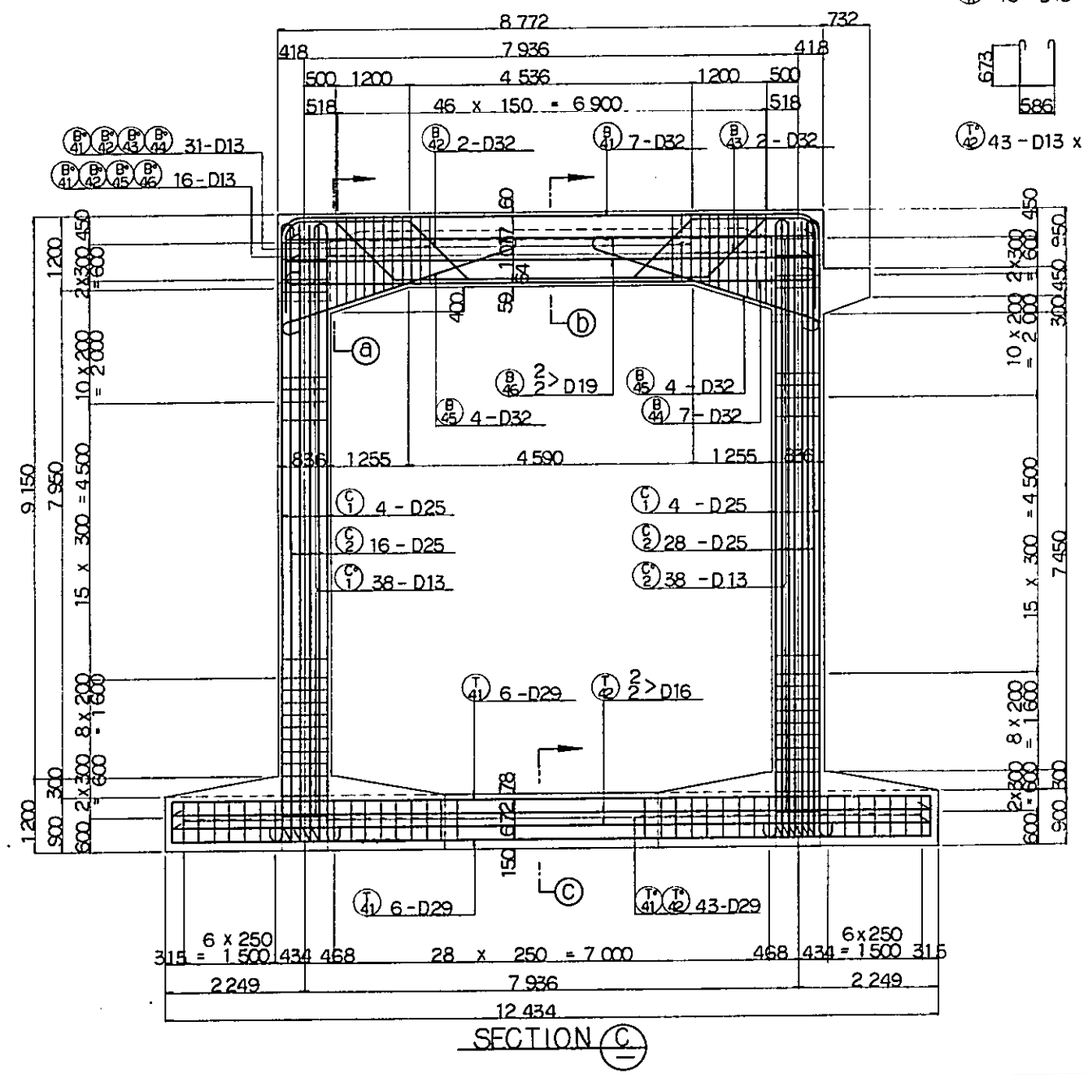
SECTION ⓐ - ⓐ



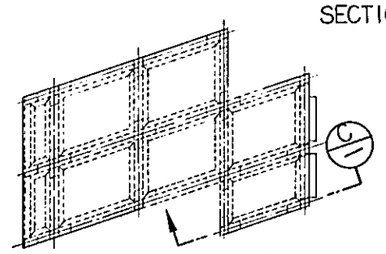
SECTION ⓑ - ⓑ



SECTION ⓒ - ⓒ



SECTION ⓒ



REMARKING DIAGRAM

NOTES:

1. ALL DIMENSIONS ARE SHOWN IN MILLIMETERS UNLESS OTHERWISE INDICATED
2. REFERENCE DRAWING FOR GENEAL VIEW : CS - 256.
   CS - 257.

REPUBLIC OF INDONESIA
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NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

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B	1 AUG.'84	T.K	A.O	K.A	K.M	
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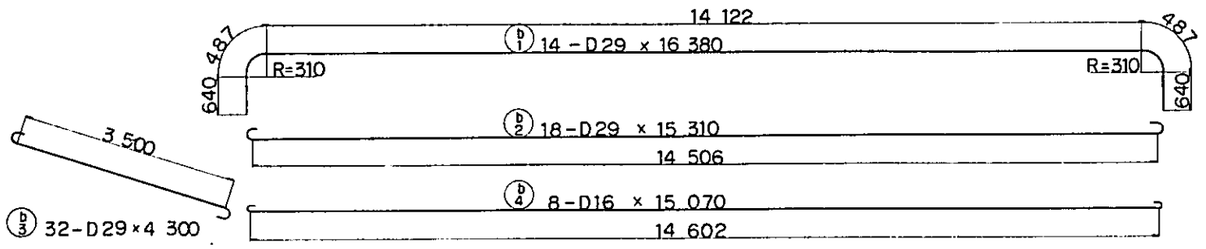
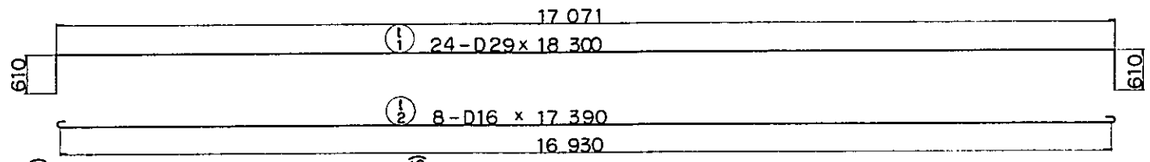
VIADUCT V129
BAR ARRANGEMENT
(SHEET 7 OF 14)

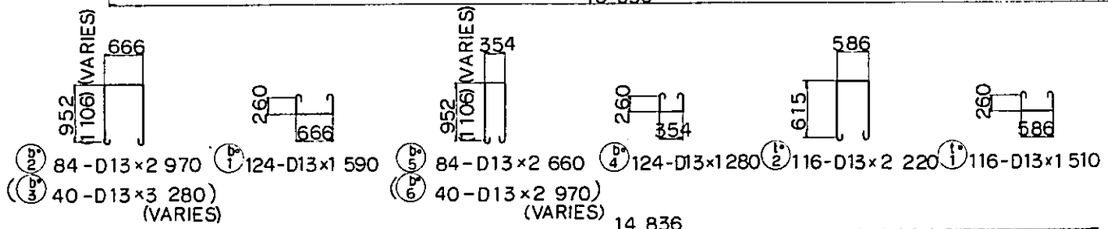
PACKAGE: I CIVIL AND ARCHITECTURAL WORK

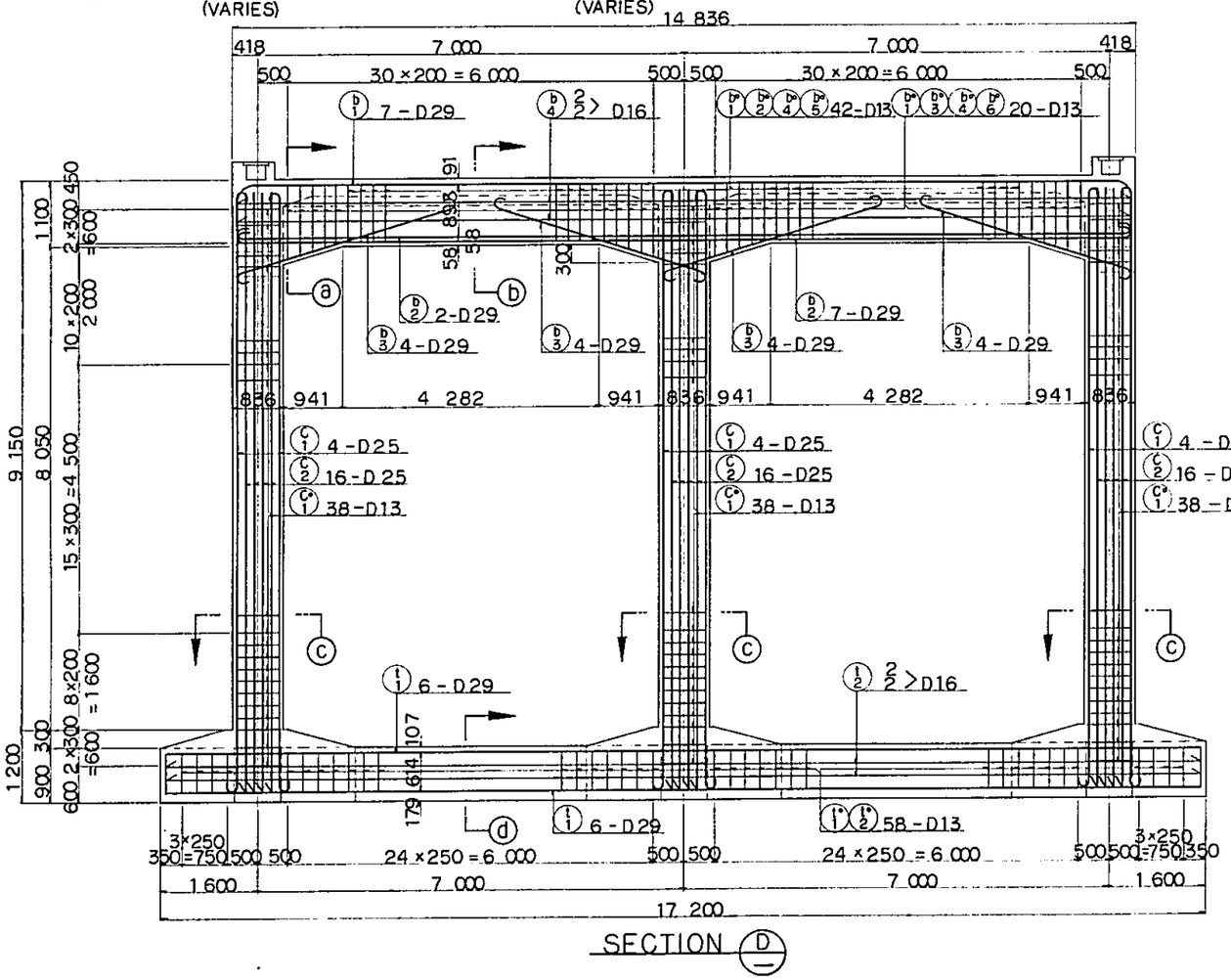
SCALE: 1 : 50

DRAWING NO.: CS-264

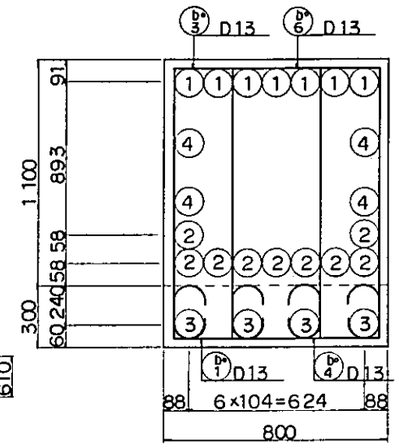




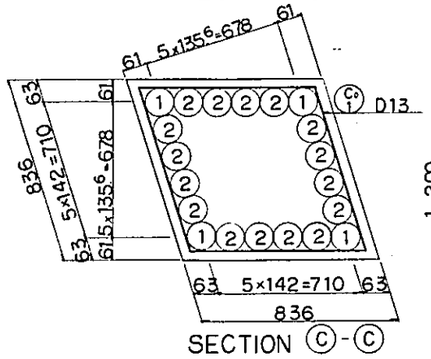




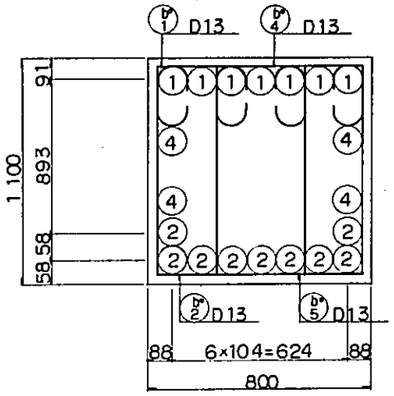
SECTION (D)-(D)



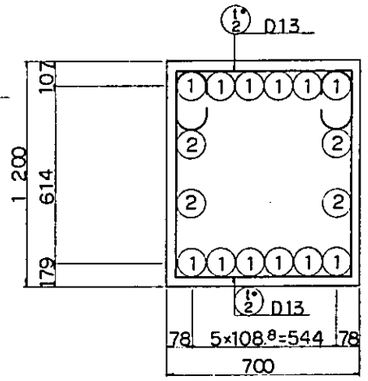
SECTION (a)-(a)



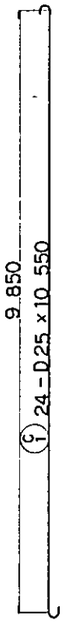
SECTION (C)-(C)

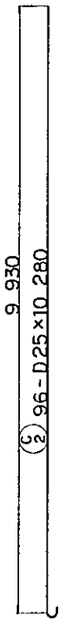


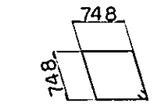
SECTION (b)-(b)



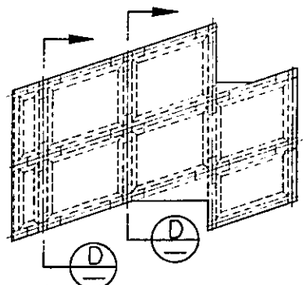
SECTION (d)-(d)







(c*1) 228 - D13 x 3 400



REMARKING DIAGRAM

NOTES:

1. ALL DIMENSIONS ARE SHOWN IN MILLIMETERS UNLESS OTHERWISE INDICATED
2. REFERENCE DRAWING FOR GENERAL VIEW : CS - 256. CS - 257.

REPUBLIC OF INDONESIA
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DIRECTORATE GENERAL OF LAND TRANSPORT AND INLAND WATERWAYS

NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

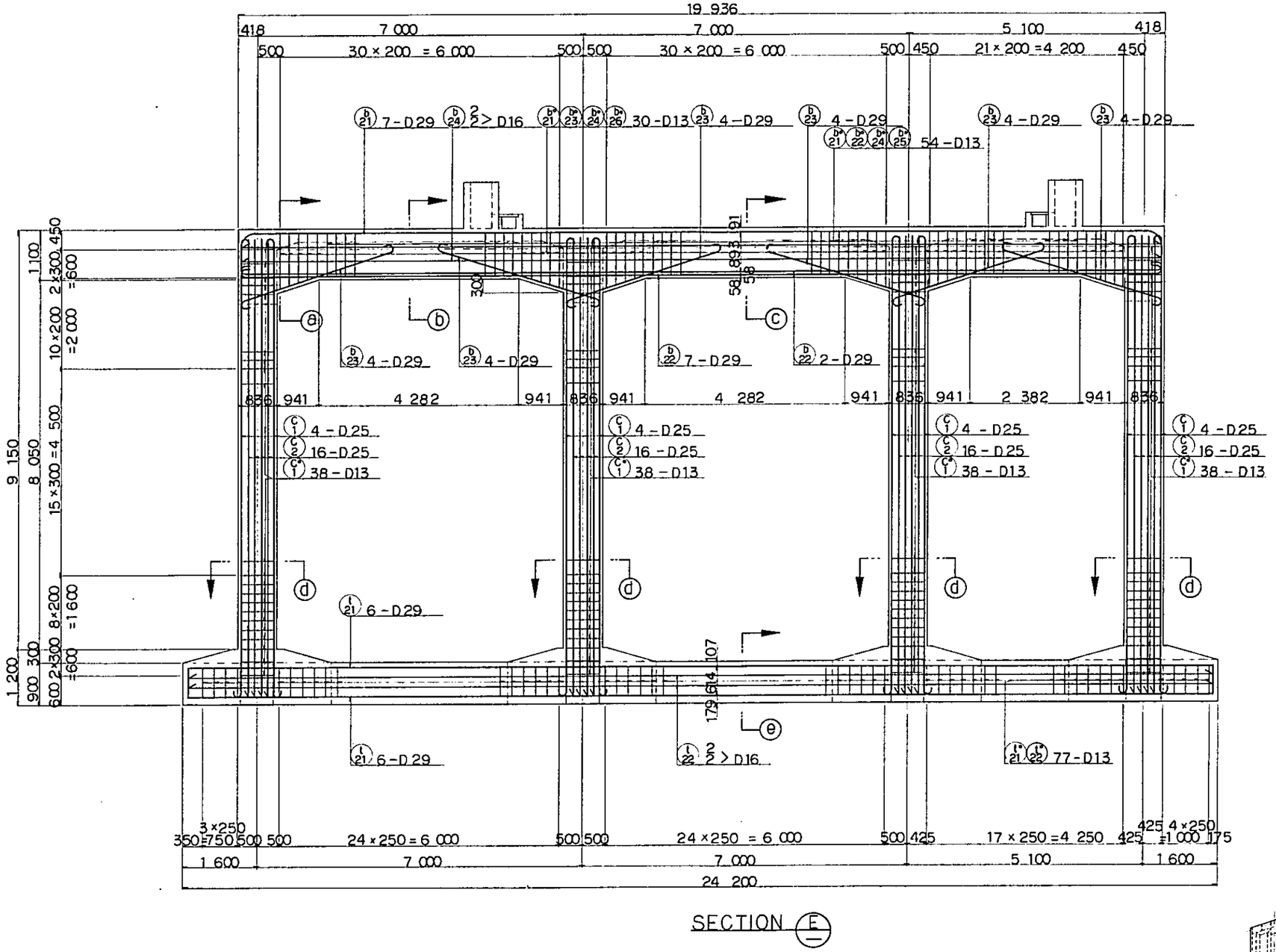
REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1AUG.'84	T.K	A.O	K.A	K.M	M.K
A	15 FEB.'84	T.K	A.O	K.A	K.M	M.K

VIADUCT V129
BAR ARRANGEMENT
(SHEET 8 OF 14)

PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE 1 : 50

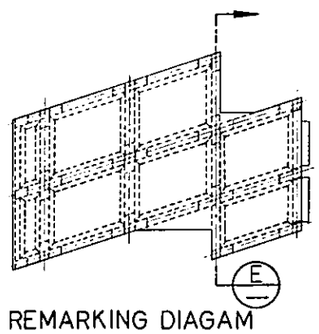
DRAWING NO: CS - 265



SECTION E

NOTES:

1. ALL DIMENSIONS ARE SHOWN IN MILLIMETERS UNLESS OTHERWISE INDICATED
2. REFERENCE DRAWING FOR GENERAL VIEW : CS - 256. CS - 257.
3. REFERENCE DRAWING FOR BAR ARRANGEMENT : CS - 184.



REMARKING DIAGAM

REPUBLIC OF INDONESIA
MINISTRY OF COMMUNICATIONS
DIRECTORATE GENERAL OF LAND TRANSPORT AND INLAND WATERWAYS

NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

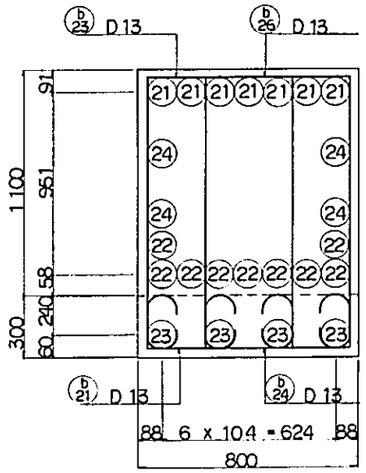
REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1 AUG. '84	T.K	A.O	K.I	K.M	A.K
A	15 FEB '84	T.K	A.O	K.I	K.M	A.K

VIADUCT V129
BAR ARRANGEMENT
(SHEET 9 OF 14)

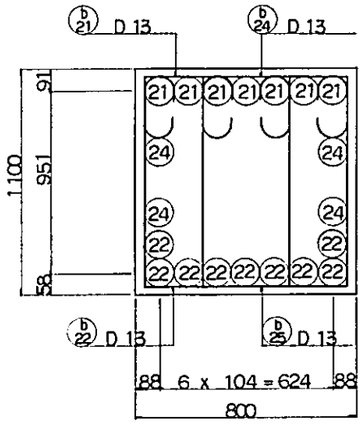
PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE 1 : 50

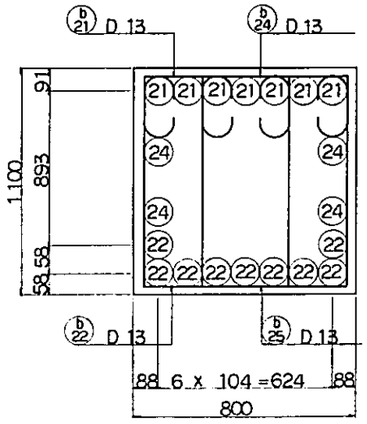
DRAWING NO. CS-266



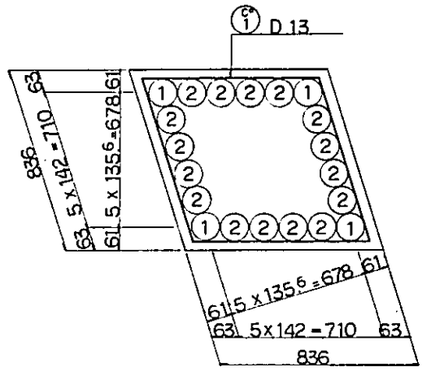
SECTION ⓐ – ⓐ



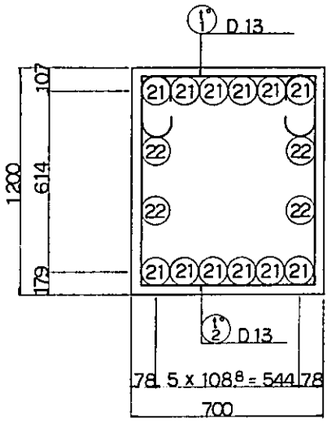
SECTION ⓑ – ⓑ



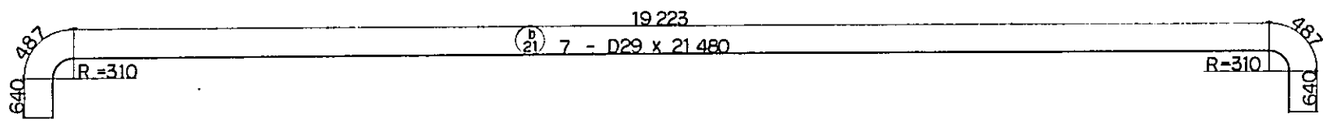
SECTION ⓒ – ⓒ

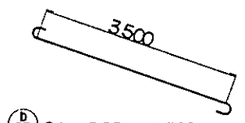


SECTION ⓓ – ⓓ



SECTION ⓔ – ⓔ

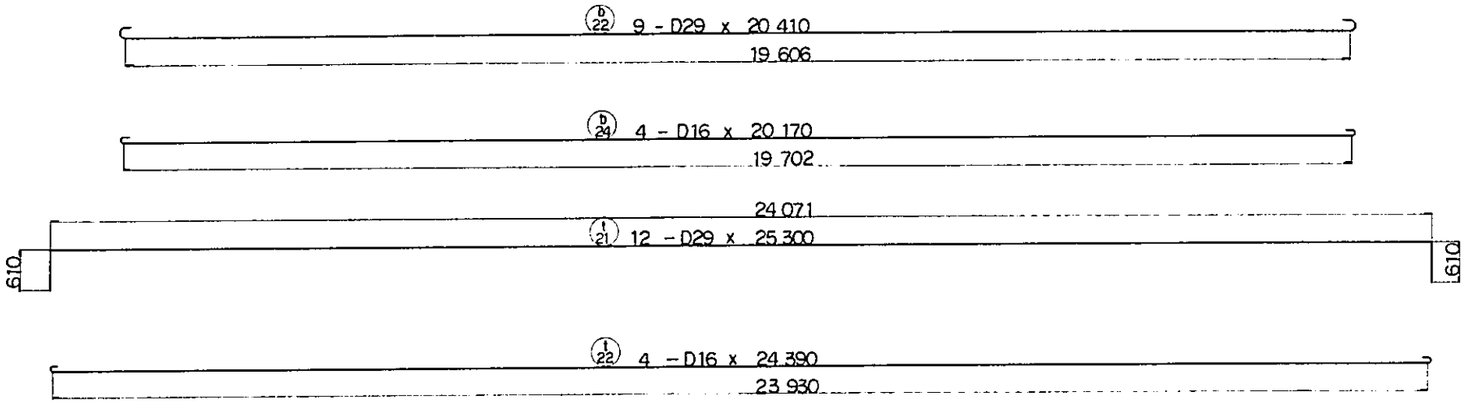


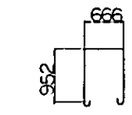


b23 24 - D29 x 4 300

NOTES:

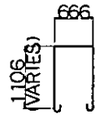
1. ALL DIMENSIONS ARE SHOWN IN MILLIMETERS UNLESS OTHERWISE INDICATED
2. REFERENCE DRAWING FOR BAR ARRANGEMENT : CS - 266.



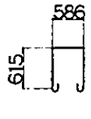


b*21 84 - D13 x 1590

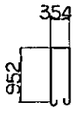
b*22 54 - D13 x 2970



b*23 30 - D13 x 3 280 (VARIES)

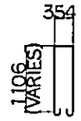


1* 22 77 - D13 x 2 220



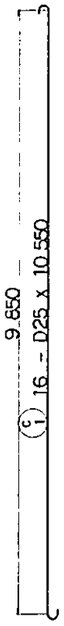
b*24 84 - D13 x 1280

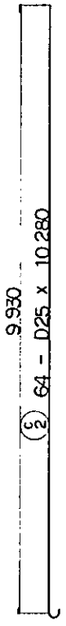
b*25 54 - D13 x 2 660

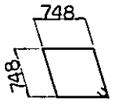


b*26 30 - D13 x 2970 (VARIES)

1* 21 77 - D13 x 1510







c*1 152 - D13 x 3 400

REPUBLIC OF INDONESIA
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NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

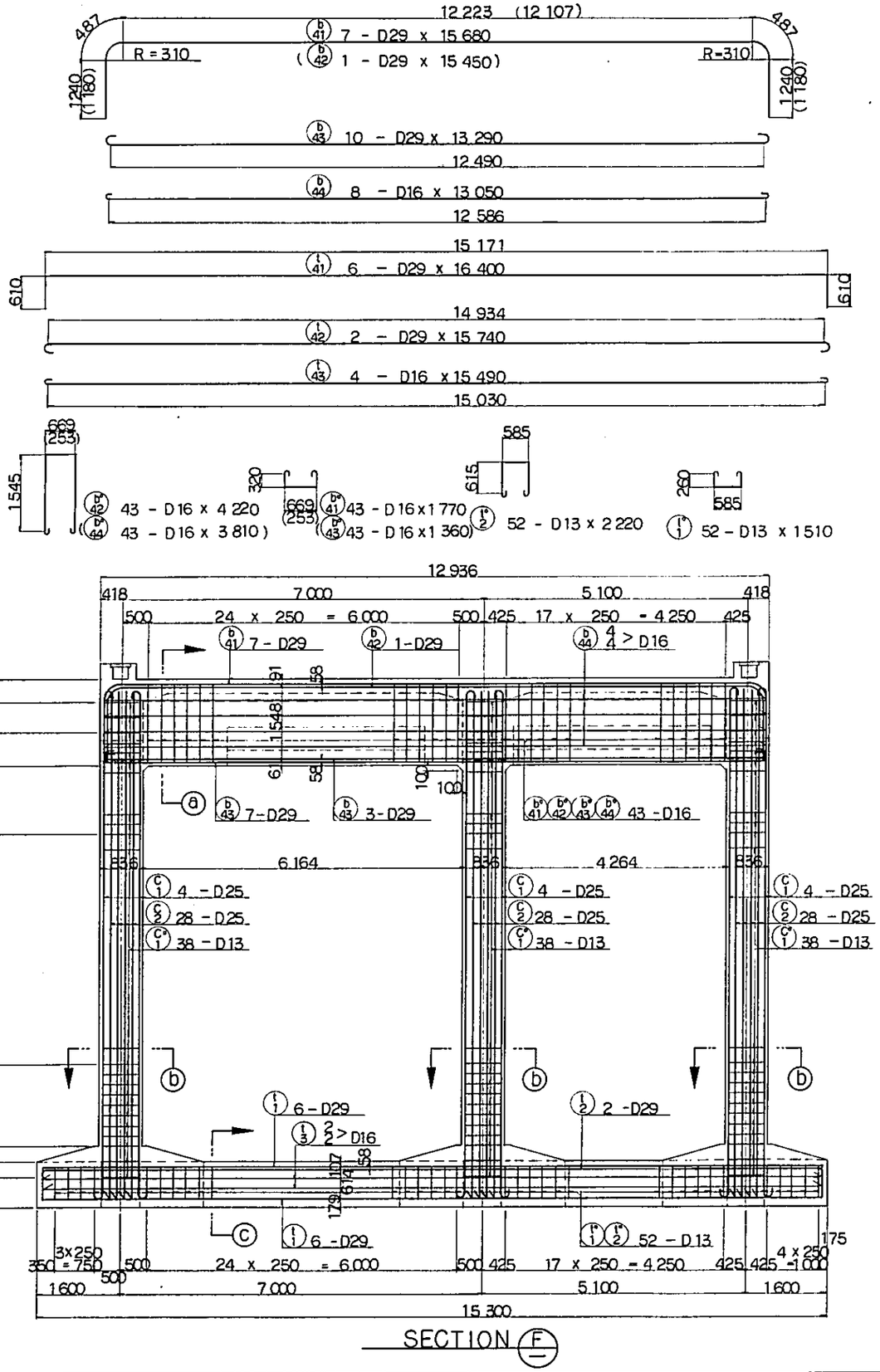
REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1 AUG.'84	T.K	A.O	K.A	K.M	M.K
A	15 FEB.'84	T.K	A.O	K.A	K.M	M.K

VIADUCT V129
BAR ARRANGEMENT
(SHEET 10 OF 14)

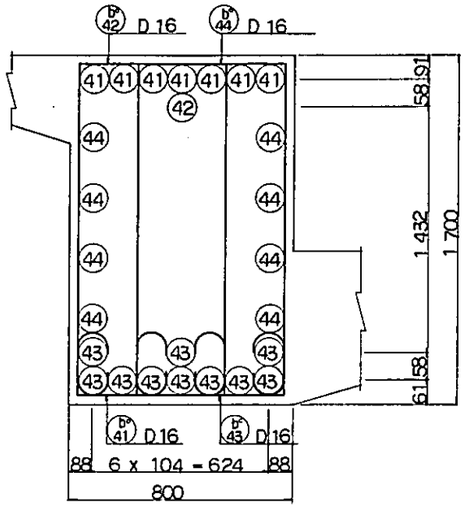
PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE 1 : 50

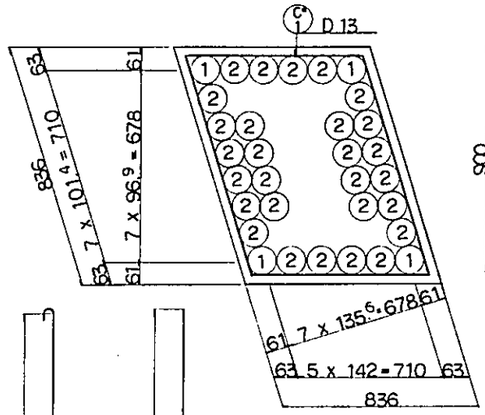
DRAWING NO. CS-267



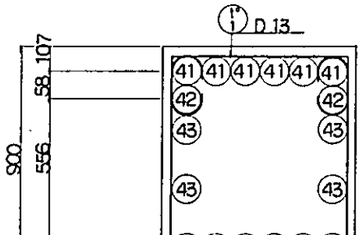
SECTION (F)-(F)



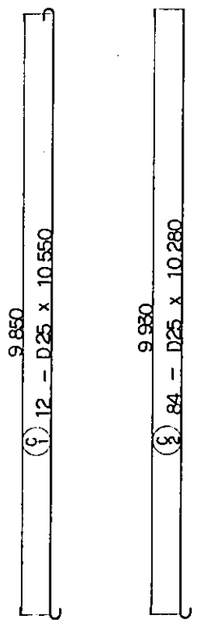
SECTION (a)-(a)

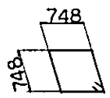


SECTION (b)-(b)

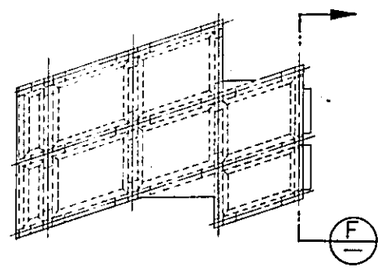


SECTION (c)-(c)





114 - D13 x 3400



REMARKING DIAGAM

NOTES:

1. ALL DIMENSIONS ARE SHOWN IN MILLIMETERS UNLESS OTHERWISE INDICATED
2. REFERENCE DRAWING FOR GENERAL VIEW : CS - 256. CS - 257.
3. REFERENCE DRAWING FOR BAR ARRANGEMENT CS - 156.

REPUBLIC OF INDONESIA
MINISTRY OF COMMUNICATIONS
DIRECTORATE GENERAL OF LAND TRANSPORT AND INLAND WATERWAYS

NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

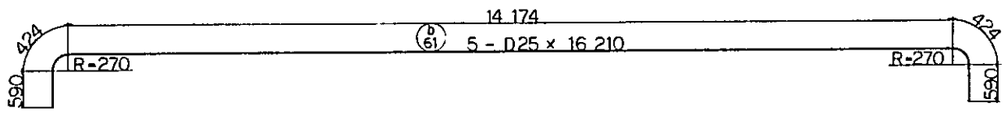
REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1 AUG. '84	T.K	A.O	K.A	K.M	K.K
A	1 SEP. '84	T.K	A.O	K.A	K.M	K.K

VIADUCT V129
BAR ARRANGEMENT
(SHEET II OF 14)

PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE 1 : 50

DRAWING NO. CS-268



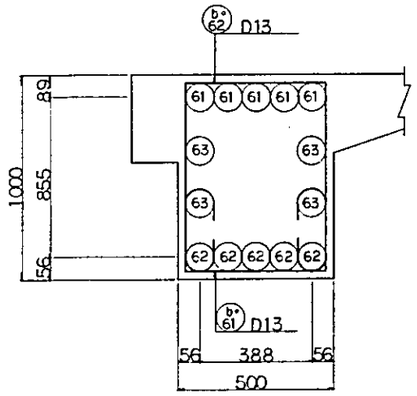
(b62) 5 - D25 x 15.210
14.509

(b63) 4 - D16 x 15.040
14.578

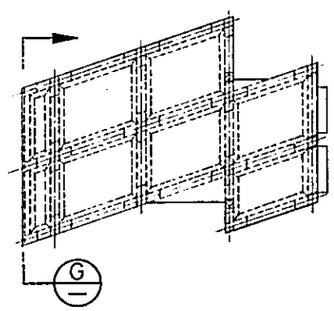
SECTION (G)

(b62) 84 - D13 x 2.530

(b61) 84 - D13 x 890



SECTION (a) - (a)



REMARKING DIAGRAM

NOTES:

1. ALL DIMENSIONS ARE SHOWN IN MILLIMETERS UNLESS OTHERWISE INDICATED
2. REFERENCE DRAWING FOR GENERAL VIEW : CS - 256.
   CS - 257.

REPUBLIC OF INDONESIA
MINISTRY OF COMMUNICATIONS
DIRECTORATE GENERAL OF LAND TRANSPORT AND INLAND WATERWAYS

NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

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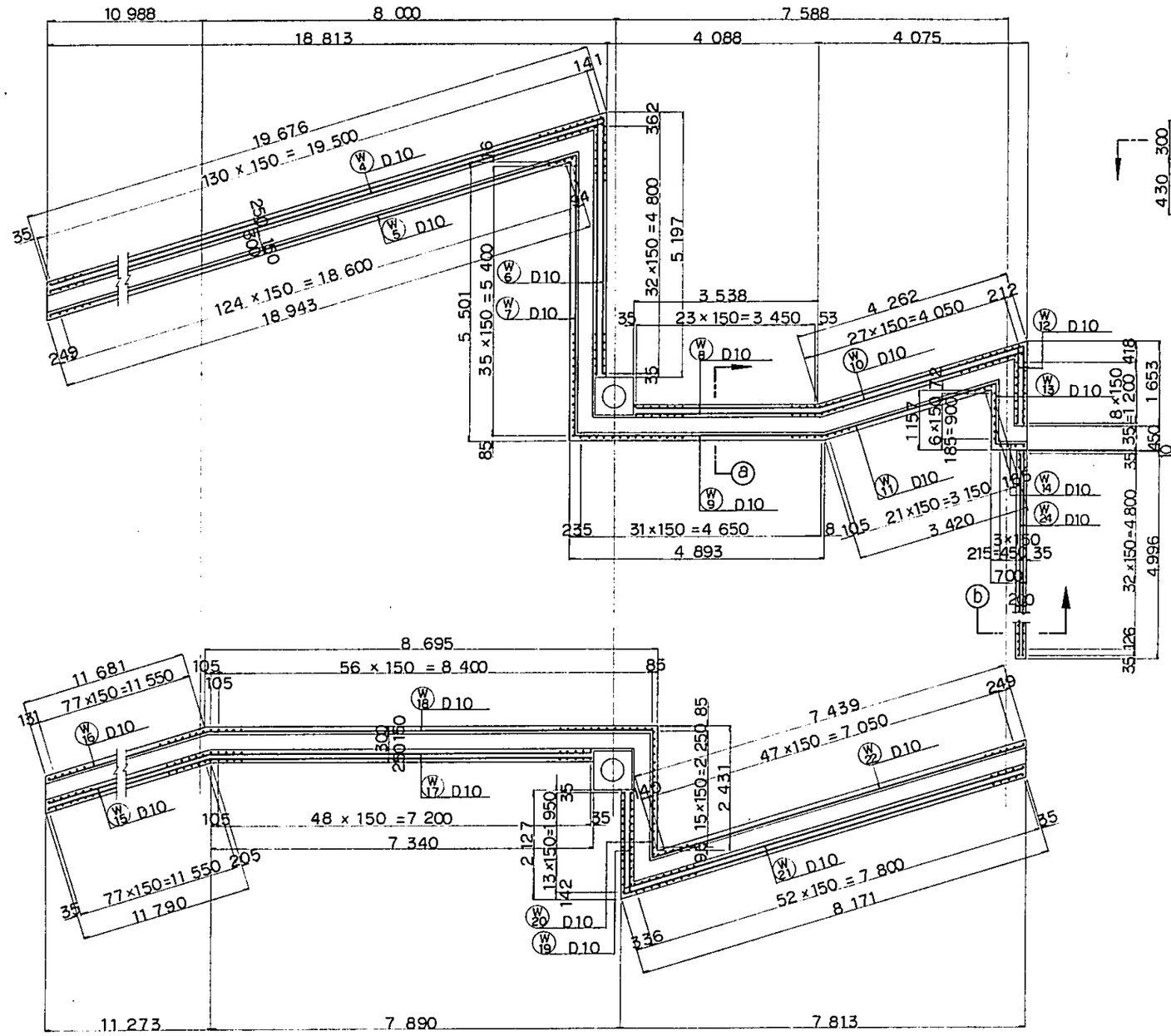
B	1 AUG.'84	T.K	A.O	K.A	K.M	K
A	4 FEB.'84	T.K	A.O	K.A	K.M	K

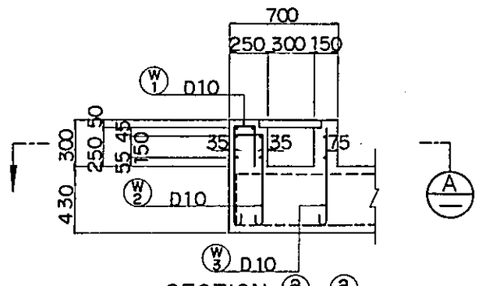
VIADUCT V129
BAR ARRANGEMENT
(SHEET 12 OF 14)

PACKAGE: I CIVIL AND ARCHITECTURAL WORK

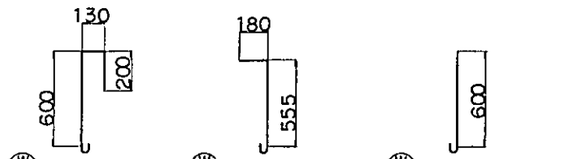
SCALE 1 : 50 | DRAWING NO. : CS-269



SECTION (A)—(A)



SECTION (a)-(a)
SCALE 1:20



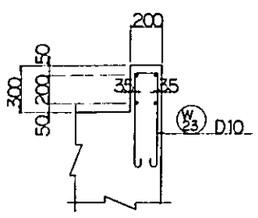
(W1) 419-D10×1130 (W2) 419-D10×940 (W3) 434-D10×800

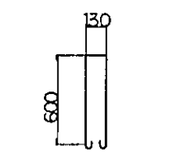
NOTES:

1. ALL DIMENSIONS ARE SHOWN IN MILLIMETERS UNLESS OTHERWISE INDICATED
2. REFERENCE DRAWING FOR GENERAL VIEW : CS - 256. CS - 257.

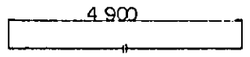
(W4)	4 - D10 × 19 600
(W5)	2 - D10 × 19 000
(W6)	4 - D10 × 5 200
(W7)	2 - D10 × 5 600
(W8)	4 - D10 × 3 500
(W9)	2 - D10 × 4 900
(W10)	4 - D10 × 4 300
(W11)	2 - D10 × 3 600
(W12)	4 - D10 × 1 600
(W13)	2 - D10 × 1 300
(W14)	2 - D10 × 650
(W15)	4 - D10 × 11 800
(W16)	2 - D10 × 11 700
(W17)	4 - D10 × 7 300
(W18)	2 - D10 × 8 700
(W19)	4 - D10 × 2 100
(W20)	2 - D10 × 2 500
(W21)	4 - D10 × 8 100
(W22)	2 - D10 × 7 500

SECTION (A)—(A)





(W23) 34 - D10 × 1730



(W24) 4 - D10 × 4 900

SECTION (b)—(b)
SCALE 1:20

REPUBLIC OF INDONESIA
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DIRECTORATE GENERAL OF LAND TRANSPORT AND INLAND WATERWAYS

NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

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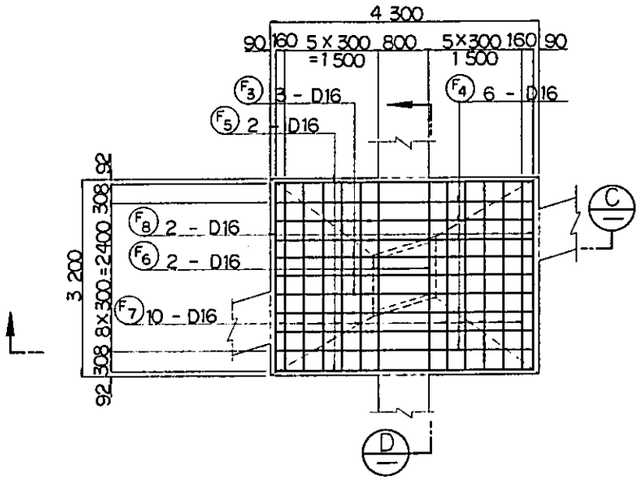
B	1 AUG. '84	T.K	A.O	K.A	U.M	A.K
A	6 FEB. '84	T.K	A.O	K.A	U.M	A.K

VIADUCT V129
BAR ARRANGEMENT
(SHEET 13 OF 14)

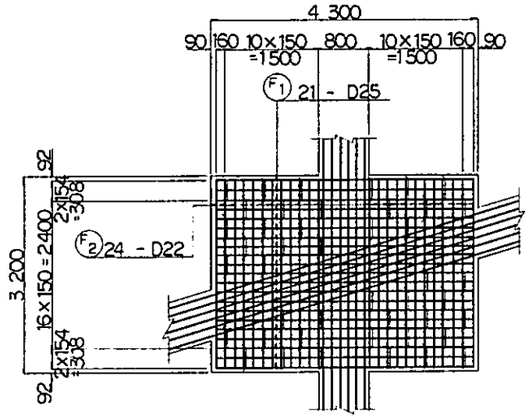
PACKAGE: J CIVIL AND ARCHITECTURAL WORK

SCALE 1 : 50

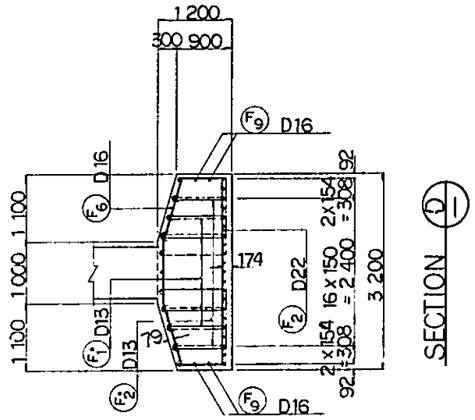
DRAWING NO. CS-270



SECTION A



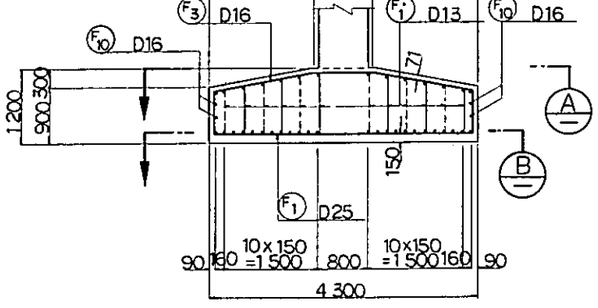
SECTION B



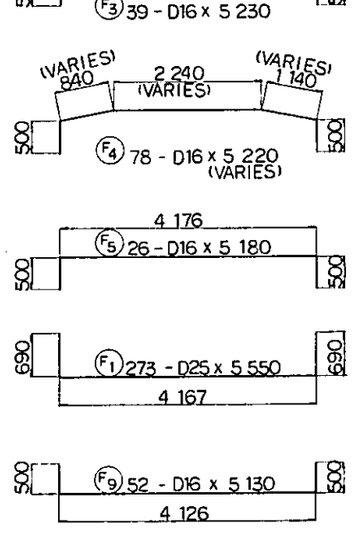
SECTION

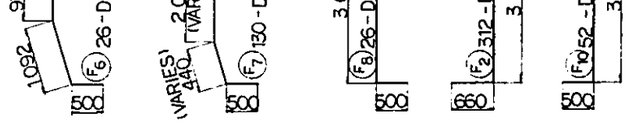
NOTES:

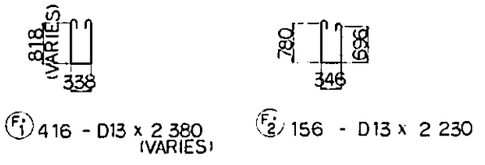
1. ALL DIMENSIONS ARE SHOWN IN MILLIMETERS UNLESS OTHERWISE INDICATED
2. REFERENCE DRAWING FOR GENERAL VIEW : CS - 256
   CS - 257

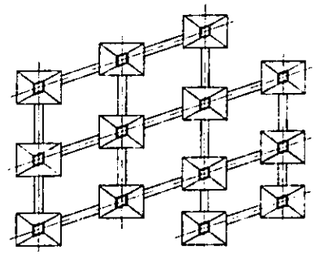


SECTION C









REMARKING DIAGRAM

REPUBLIC OF INDONESIA
MINISTRY OF COMMUNICATIONS
DIRECTORATE GENERAL OF LAND TRANSPORT AND INLAND WATERWAYS

NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

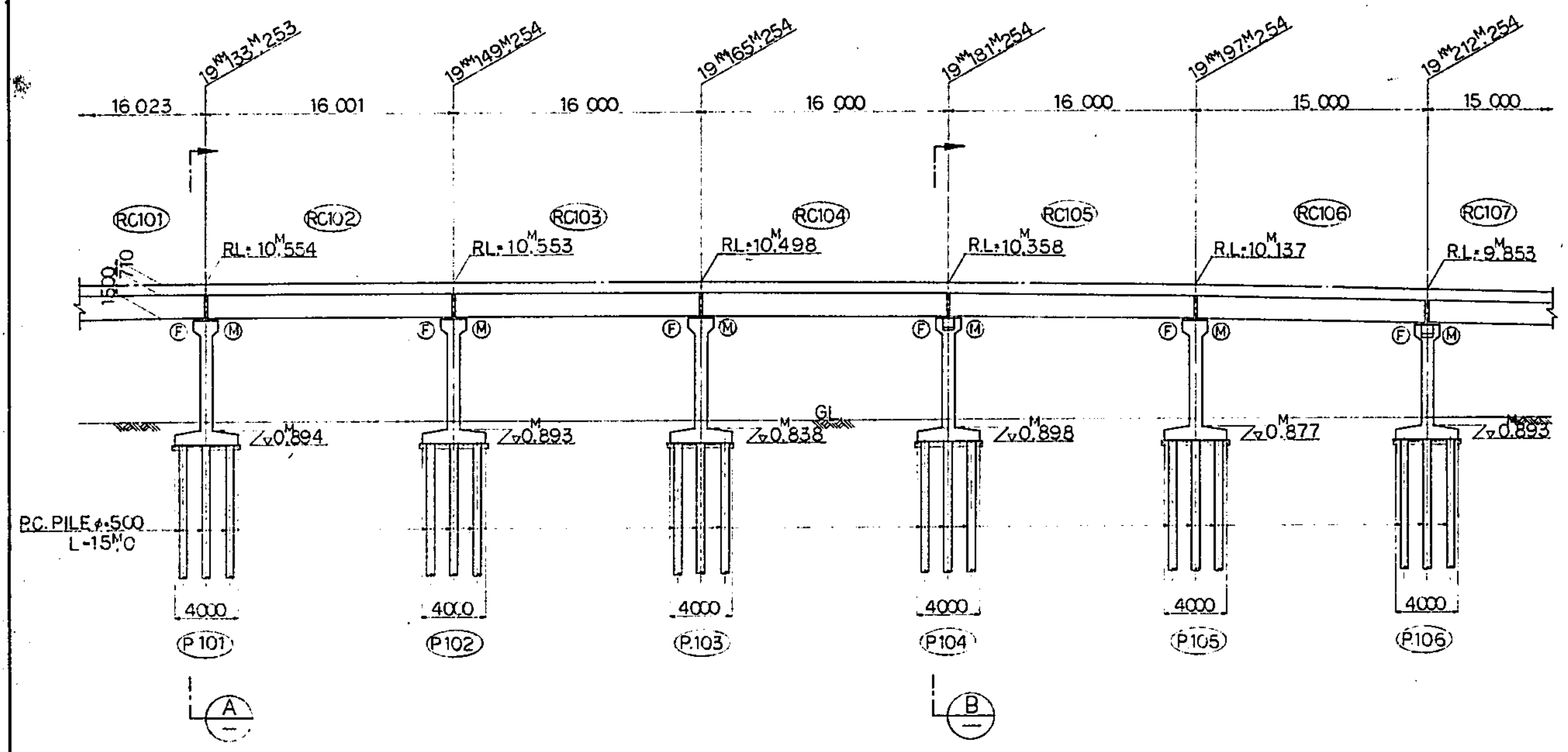
REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1 AUG. '84	T.K	A.O	K.A	K.M	
A	[illegible]	T.K	A.O	K.A	K.M	

VIADUCT V129
BAR ARRANGEMENT
(SHEET 14 OF 14)

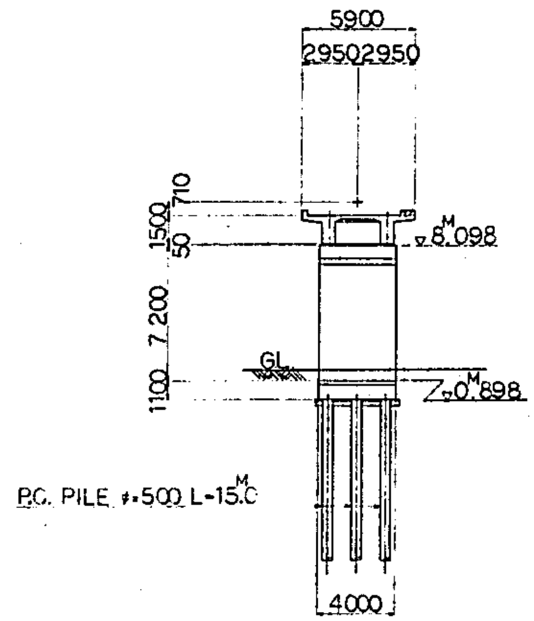
PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE 1 : 50

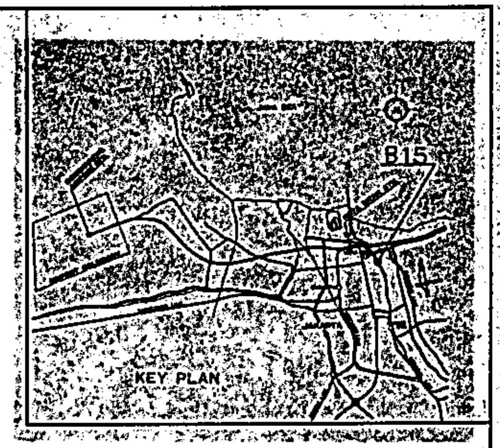
DRAWING NO. CS-271



LONGITUDINAL SECTION

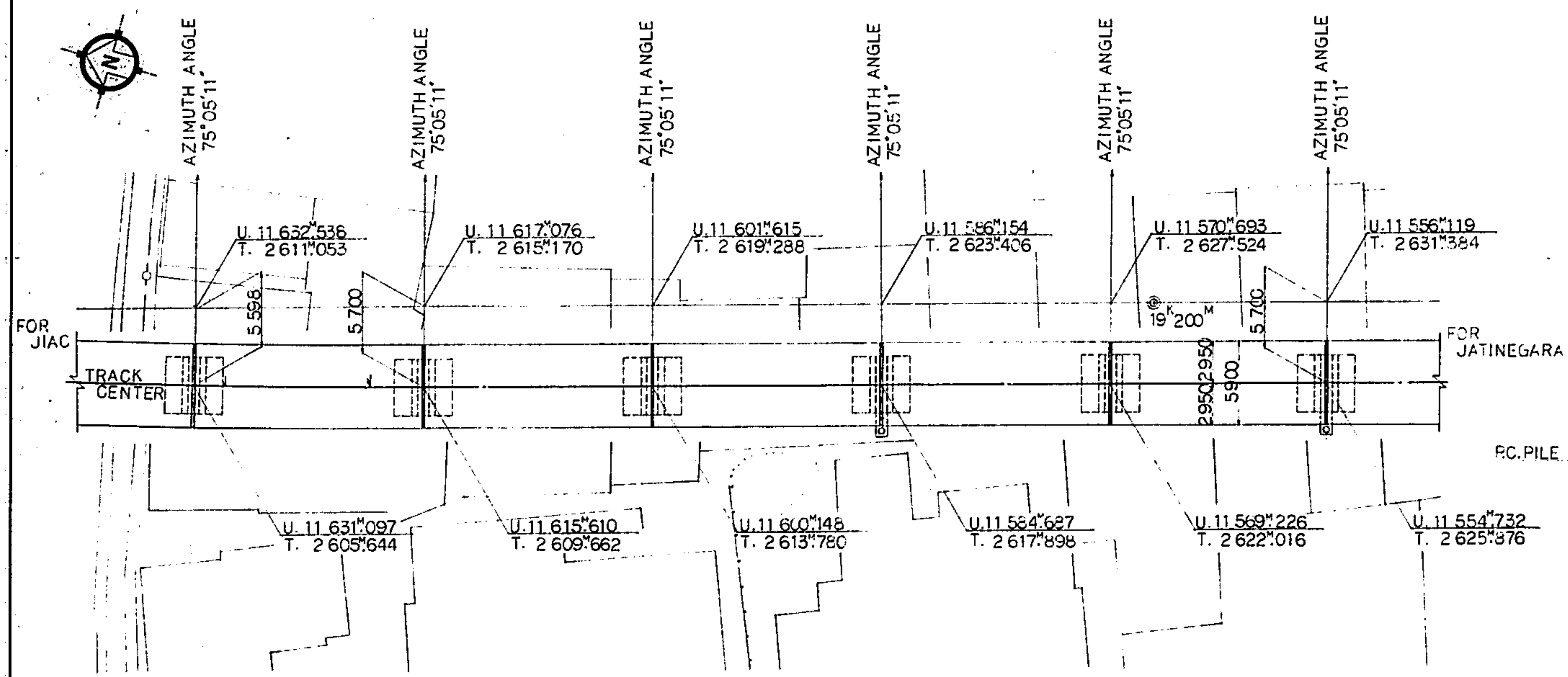


SECTION A

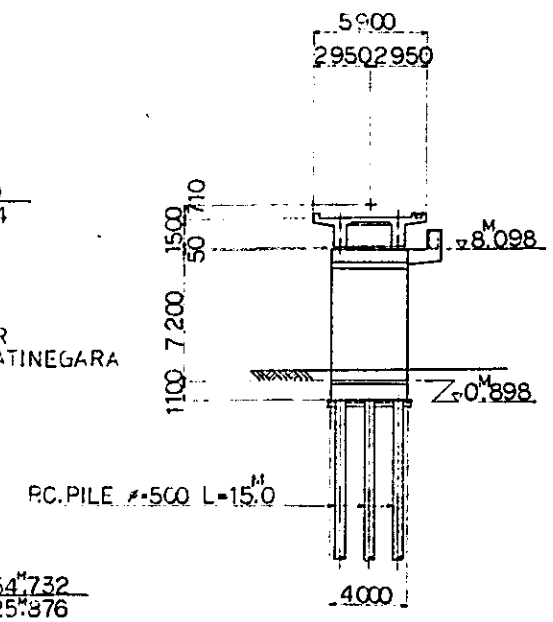


NOTES:

1. ALL DIMENSIONS ARE SHOWN IN MILLIMETERS UNLESS OTHERWISE INDICATED
2. REFERENCE DRAWING FOR GENERAL VIEW: CS-275, CS-276, CS-281.
3. CODE:
   - Ⓕ---- FIXED BEARING
   - Ⓜ---- EXPANSION BEARING



PLAN



SECTION B

REPUBLIC OF INDONESIA
MINISTRY OF COMMUNICATIONS
DIRECTORATE GENERAL OF LAND TRANSPORT AND INLAND WATERWAYS

NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

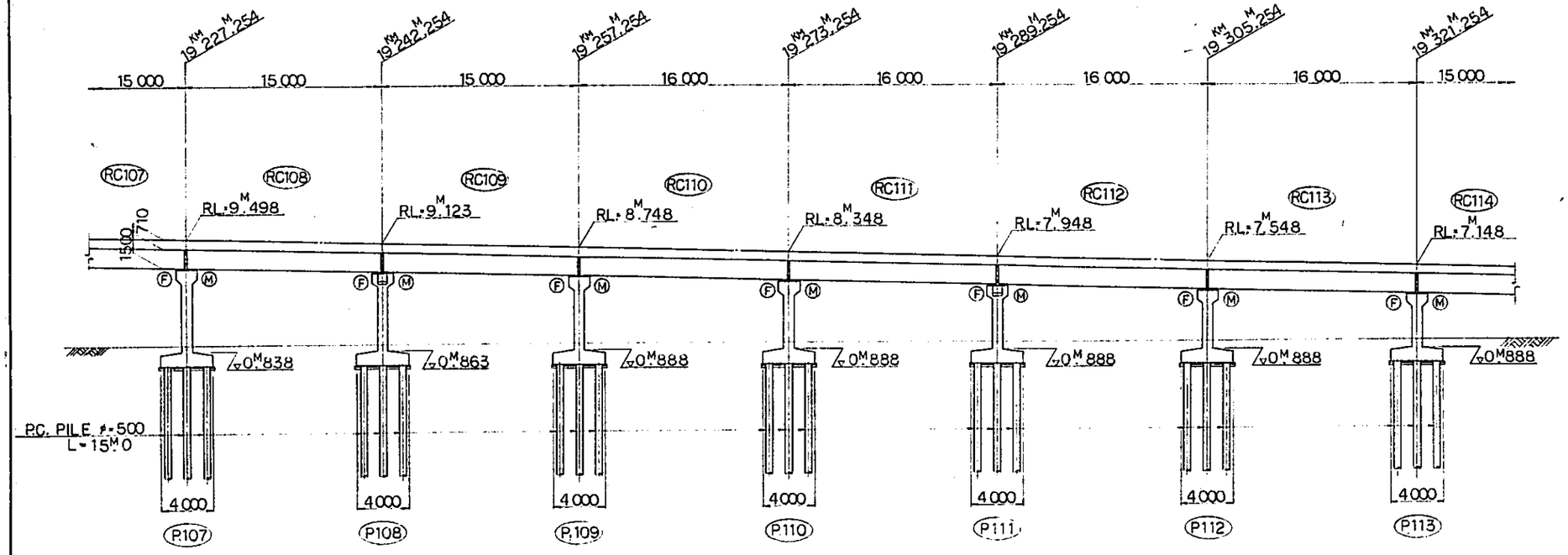
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1 AUG. 84	[illegible]	[illegible]	[illegible]	K.M.	[illegible]
A	[illegible]	[illegible]	[illegible]	[illegible]	K.M.	[illegible]

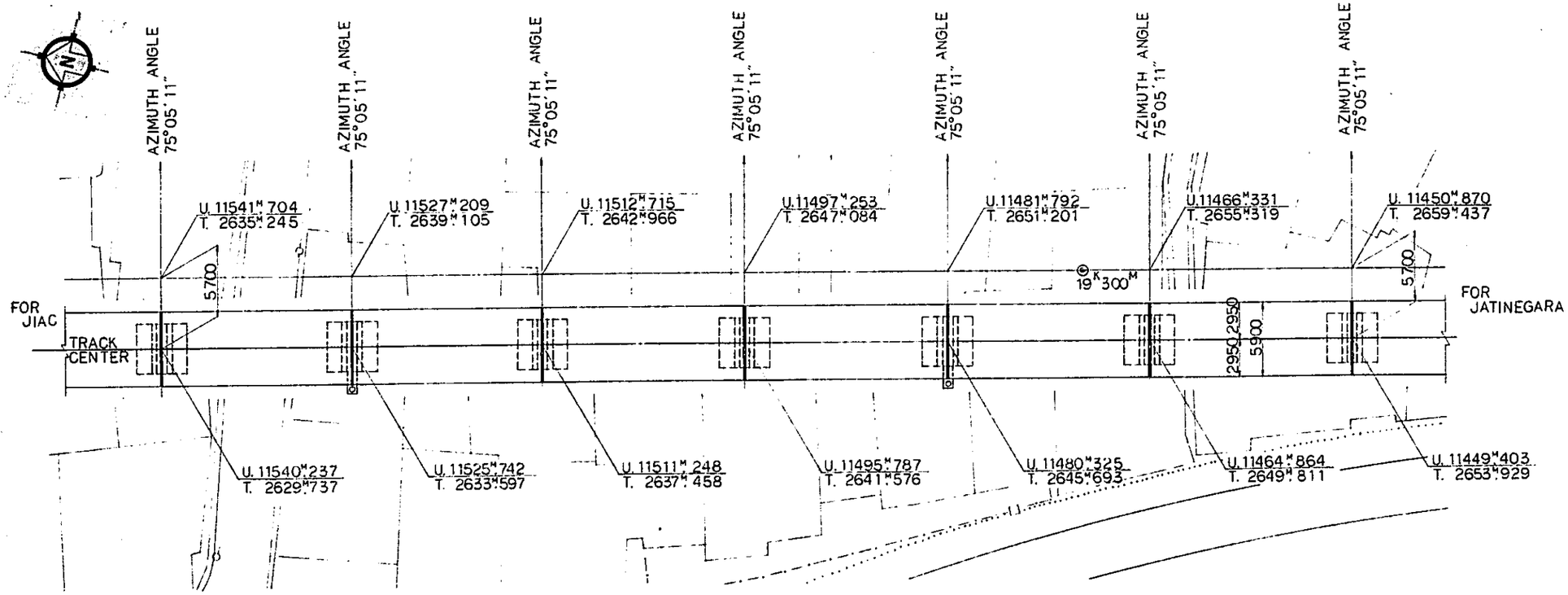
BRIDGE B15
GENERAL VIEW
(SHEET 1 OF 3)

PACKAGE: I. CIVIL AND ARCHITECTURAL WORK

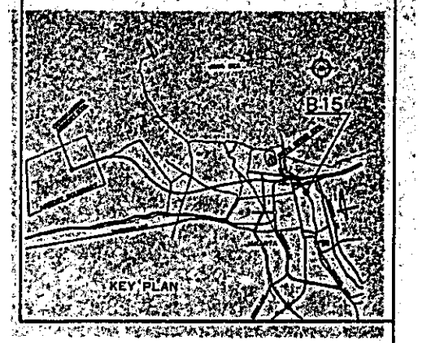
SCALE: 1:200 DRAWING NO. CS-272



LONGITUDINAL SECTION



PLAN



NOTES:

1. ALL DIMENSIONS ARE SHOWN IN MILLIMETERS UNLESS OTHERWISE INDICATED
2. REFERENCE DRAWING FOR GENERAL VIEW: CS-276,CS-281.

3. CODE :
   - Ⓕ---- FIXED BEARING
   - Ⓜ---- EXPANSION BEARING

REPUBLIC OF INDONESIA
MINISTRY OF COMMUNICATIONS
DIRECTORATE GENERAL OF LAND TRANSPORT AND INLAND WATERWAYS

NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

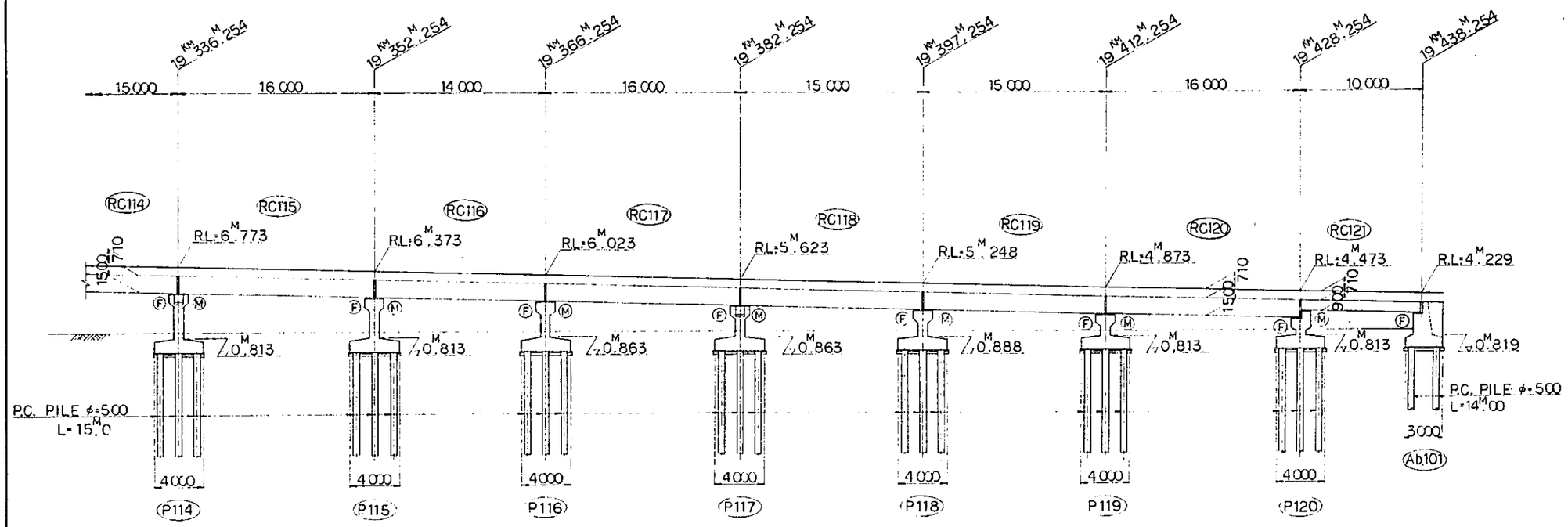
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

REVISIONS	DATE	DESIGNED	DRAWN	TRACED	CHECKED	APPROVED
B	1 AUG '84	T.K	A.O	K.K	K.M	
A	6 FEB '84	T.K	A.O	K.K	K.M	

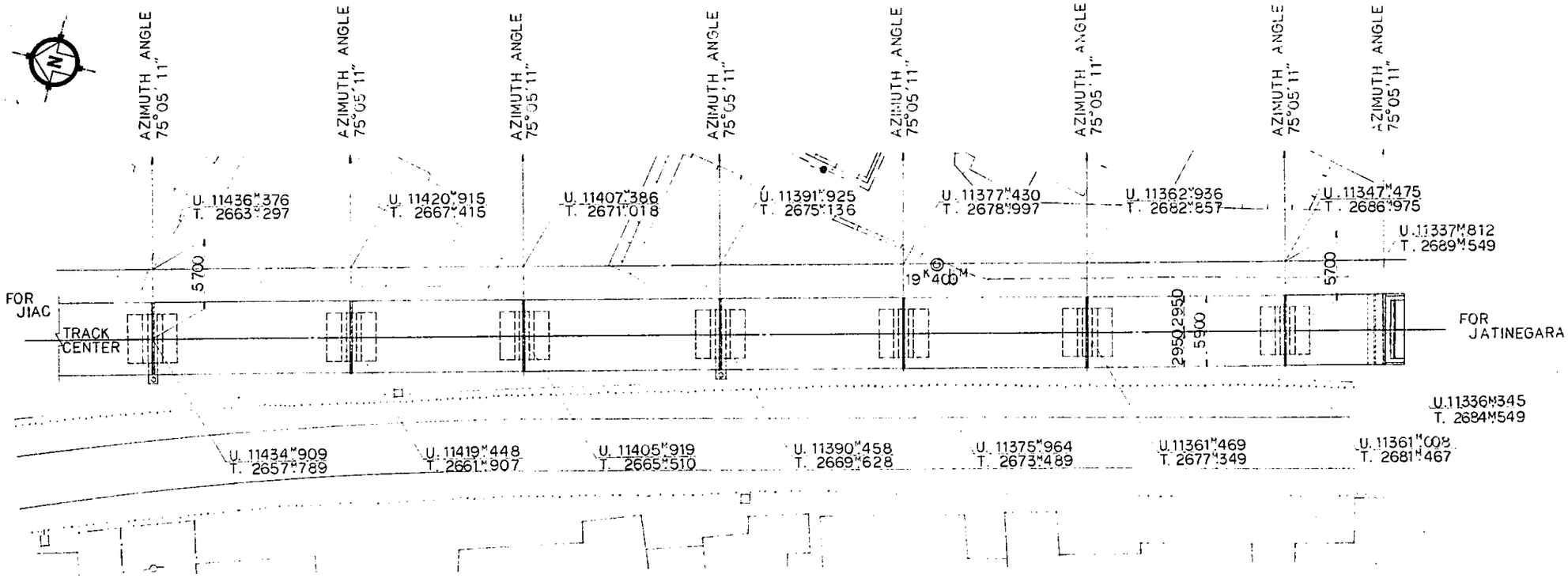
BRIDGE B15
GENERAL VIEW
(SHEET 2 OF 3)

PACKAGE: 1 CIVIL AND ARCHITECTURAL WORK

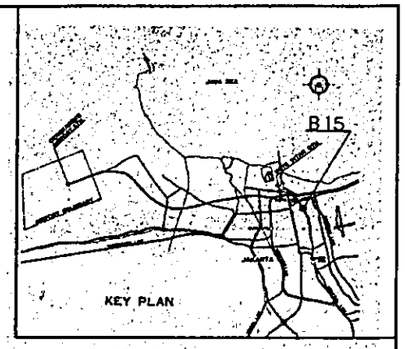
SCALE: 1:200 | DRAWING NO.: CS-273



LONGITUDINAL SECTION



PLAN



NOTES:

1. ALL DIMENSIONS ARE SHOWN IN MILLIMETERS UNLESS OTHERWISE INDICATED
2. REFERENCE DRAWING FOR GENERAL VIEW : CS-276, CS-185, CS-281, CS-284.
3. CODE :
   - Ⓕ --- FIXED BEARING
   - Ⓜ ---- EXPANSION BEARING

REPUBLIC OF INDONESIA
MINISTRY OF COMMUNICATIONS
DIRECTORATE GENERAL OF LAND TRANSPORT AND INLAND WATERWAYS

NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

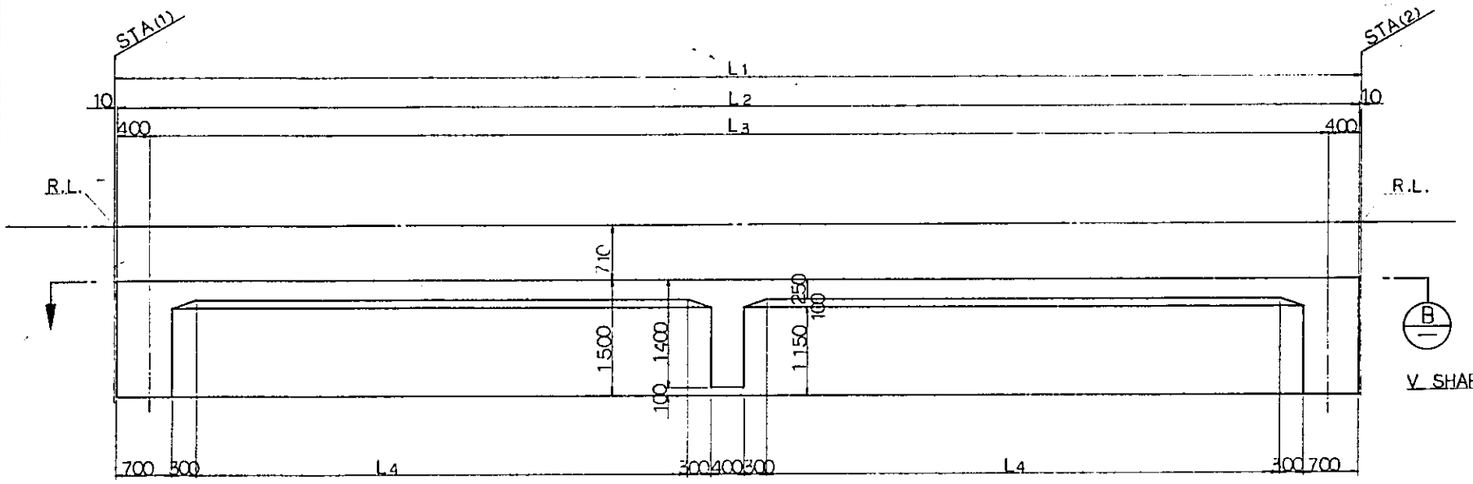
REVISIONS	DATE	DRAWN	CHECKED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1 AUG '84	T.K	A.O	K.S	K.M	[illegible]
A	6 FEB '84	T.K	A.O	K.S	K.M	[illegible]

BRIDGE B15
GENERAL VIEW
(SHEET 3 OF 3)

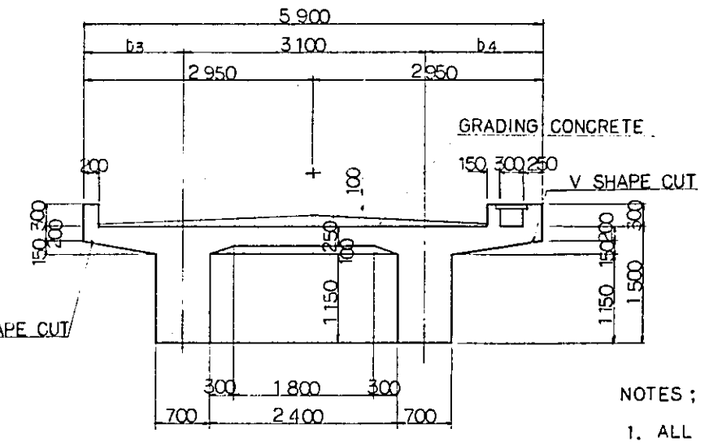
PACKAGE : I CIVIL AND ARCHITECTURAL WORK

SCALE : 1 : 200

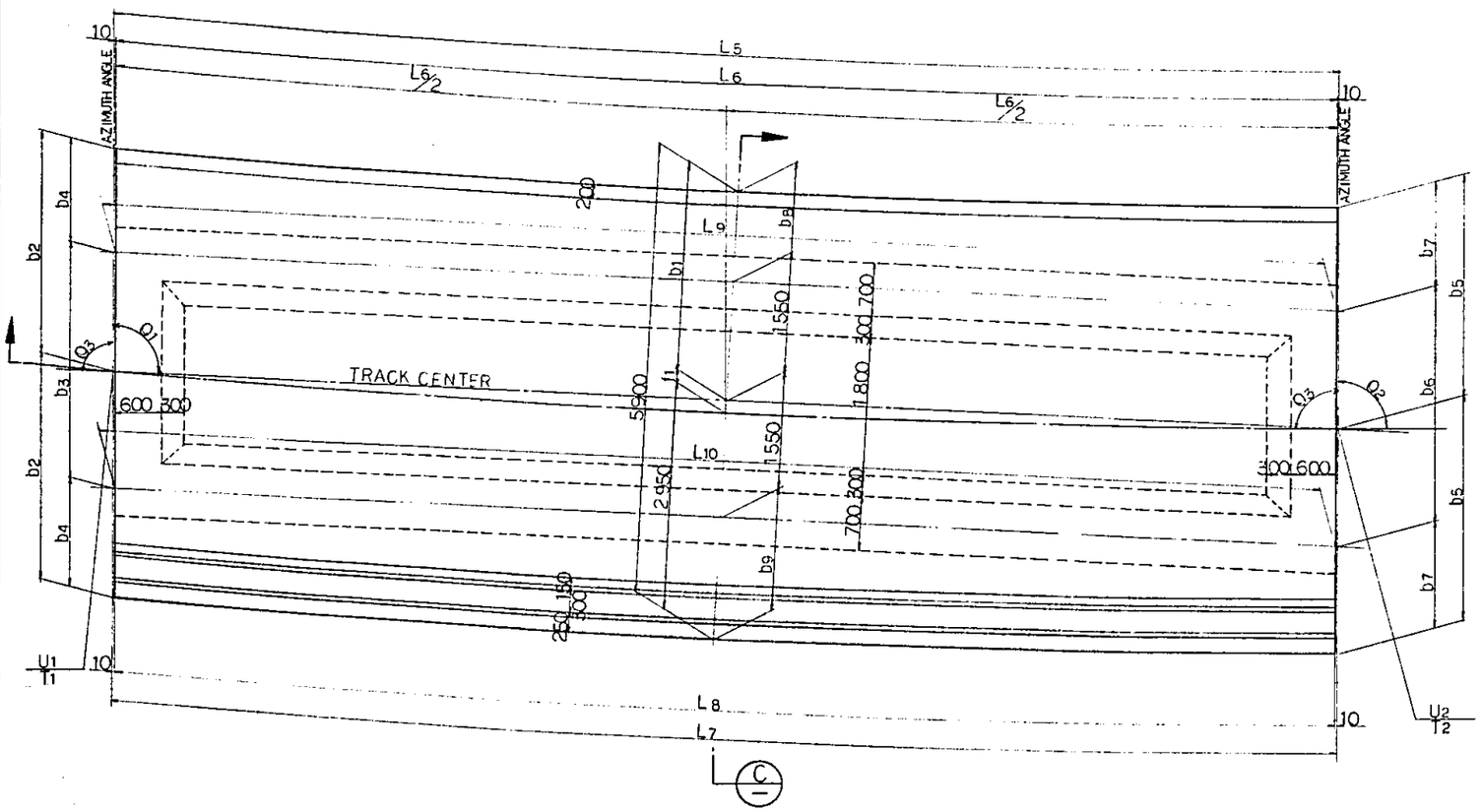
DRAWING NO. : CS-274



SECTION (A)



SECTION (C)



SECTION (B)

	RC 101	RC 102
STA.(1)	19°11'17".231	19°11'23".253
" (2)	19°11'33".253	19°11'49".254
U1	11°06'46".768	11°06'31".097
T1	2°06'02".315	2°06'05".644
U2	11°06'31".097	11°06'15".610
T2	2°06'05".644	2°06'09".662
L1	16 023	16 001
L2	16 003	15 981
L3	15 323	15 301
L4	14 203	14 181
f1	107	14
b1	2 843	2 937
b2	2 953	2 950
b3	3 104	3 100
b4	1 402	1 400
b5	2 953	2 950
b6	3 104	3 100
b7	1 402	1 400
b8	1 293	1 387
b9	1 507	1 413
Q1	94°27'09"6	91°23'33"2
Q2	91°23'33"2	90°00'00"
Q3	87°04'38"6	89°18'13"4

NOTES ;

1. ALL DIMENSIONS ARE SHOWN IN MILLIMETERS UNLESS OTHERWISE INDICATED
2. REFERENCE DRAWING FOR BAR ARRANGEMENT : CS-278~280.
3. GRADING CONCRETE SHALL BE SIMULTANEOUSLY PLACED WITH SLAB CONCRETE

REPUBLIC OF INDONESIA
MINISTRY OF COMMUNICATIONS
DIRECTORATE GENERAL OF LAND TRANSPORT AND INLAND WATERWAYS

NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

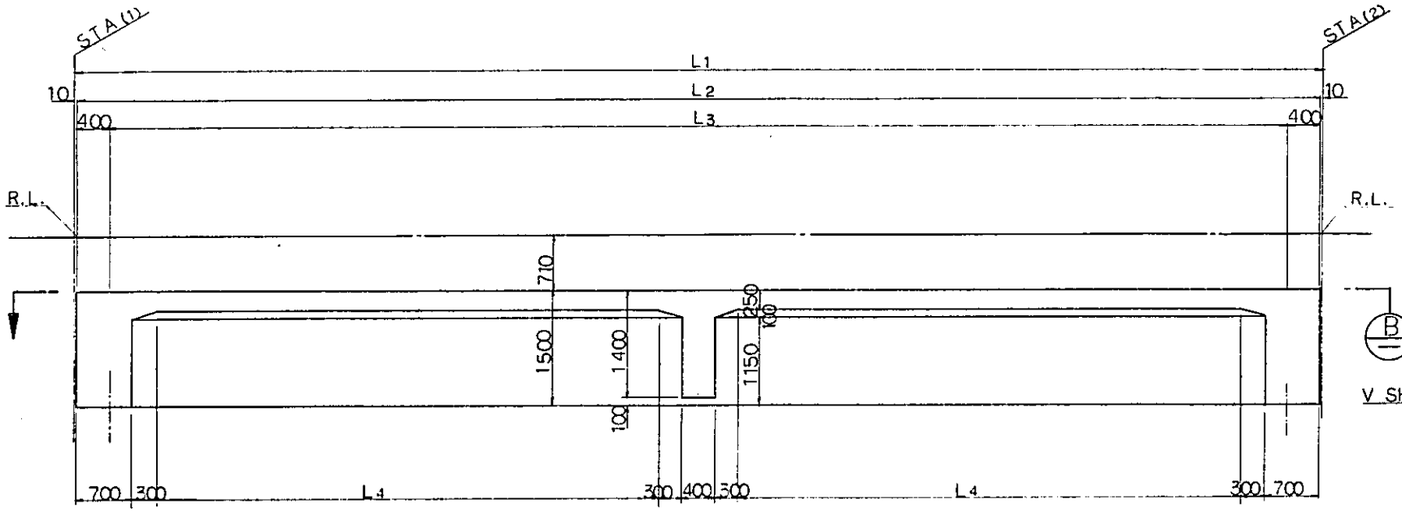
REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	DETAILED
B	1 AUG '84	M.S	M.Y	K.A	K.M	
A	16 FEB '84	M.S	M.Y	K.A	K.M	

R.C. GIRDER
RC101, RC102
GENERAL VIEW

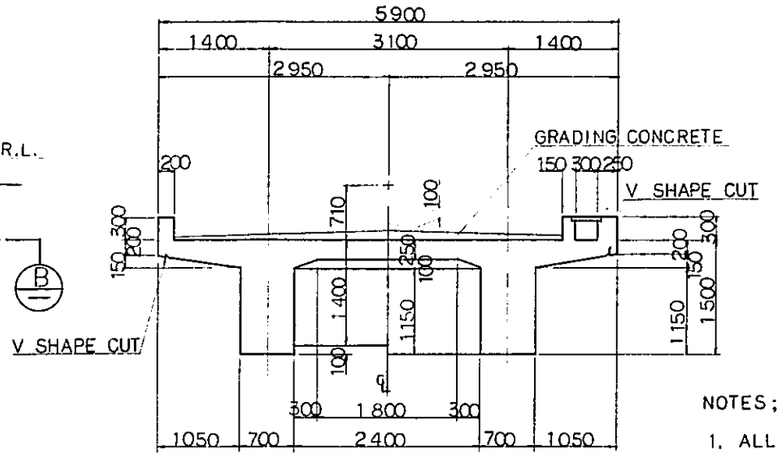
PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE 1 : 40

DRAWING NO: CS-275

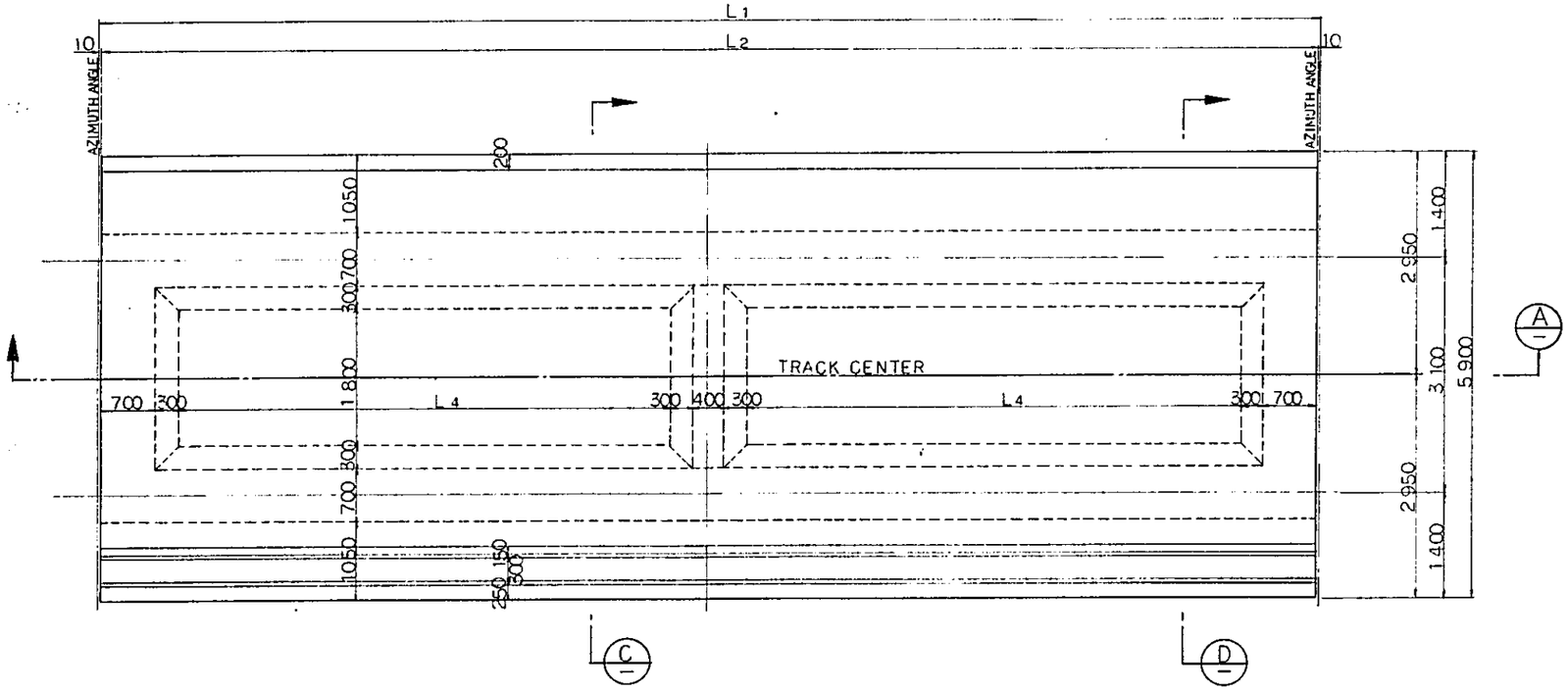


SECTION A



SECTION C

SECTION D



SECTION B

NOTES;

1. ALL DIMENSIONS ARE SHOWN IN MILLIMETERS UNLESS OTHERWISE INDICATED
2. REFERENCE DRAWING FOR BAR ARRANGEMENT: CS-278~280.
3. GRADING CONCRETE SHALL BE SIMULTANEOUSLY PLACED WITH SLAB CONCRETE

REPUBLIC OF INDONESIA
MINISTRY OF COMMUNICATIONS
DIRECTORATE GENERAL OF LAND TRANSPORT AND INLAND WATERWAYS

NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1 AUG '84	M.S	M.Y	K.A	K.M	
A	15 FEB '84	M.S	M.Y	K.A	K.M	

R.C. GIRDER
RC103~RC120
GENERAL VIEW
(SHEET 1 OF 2)

PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE 1:40

DRAWING NO. CS-276

DIMENSION SCHEDULE

	RC103	RC104	RC105	RC106	RC107	RC108	RC109	RC110	RC111	RC112	RC113	RC114	RC115	RC116
STA (1)	19Km149.254	19Km165.254	19Km181.254	19Km197.254	19Km212.254	19Km227.254	19Km242.254	19Km257.254	19Km273.254	19Km289.254	19Km305.254	19Km321.254	19Km336.254	19Km352.254
STA (2)	19Km165.254	19Km181.254	19Km197.254	19Km212.254	19Km227.254	19Km242.254	19Km257.254	19Km273.254	19Km289.254	19Km305.254	19Km321.254	19Km336.254	19Km352.254	19Km366.254
AZIMUTH ANGLE (S1)	75° 05′ 10″71	75° 05′ 10″71	75° 05′ 10″71	75° 05′ 10″71	75° 05′ 10″71	75° 05′ 10″71	75° 05′ 10″71	75° 05′ 10″71	75° 05′ 10″71	75° 05′ 10″71	75° 05′ 10″71	75° 05′ 10″71	75° 05′ 10″71	75° 05′ 10″71
DO (S2)	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃
U 1	11Km615.610	11Km600.148	11Km584.687	11Km569.227	11Km554.732	11Km540.237	11Km525.742	11Km511.248	11Km495.787	11Km480.325	11Km464.864	11Km449.403	11Km434.909	11Km419.448
T 1	2Km609.662	2Km613.780	2Km617.898	2Km622.016	2Km625.876	2Km629.737	2Km633.597	2Km637.458	2Km641.576	2Km645.693	2Km649.811	2Km653.929	2Km657.789	2Km661.907
U 2	11Km600.148	11Km584.687	11Km569.226	11Km554.732	11Km540.237	11Km525.742	11Km511.248	11Km495.787	11Km480.325	11Km464.864	11Km449.403	11Km434.909	11Km419.448	11Km405.919
T 2	2Km613.780	2Km617.898	2Km622.016	2Km625.876	2Km629.737	2Km633.597	2Km637.458	2Km641.576	2Km645.693	2Km649.811	2Km653.929	2Km657.789	2Km661.907	2Km665.510
L 1	16000	16000	16000	15000	15000	15000	15000	16000	16000	16000	16000	15000	16000	14000
L 2	15980	15980	15980	14980	14980	14980	14980	15980	15980	15980	15980	14980	15980	13980
L 3	15180	15180	15180	14180	14180	14180	14180	15180	15180	15180	15180	14180	15180	13180
L 4	6490	6490	6490	5990	5990	5990	5990	6490	6490	6490	6490	5990	6490	5490
θ 1	90° 00′ 00″00	90° 00′ 00″00	90° 00′ 00″00	90° 00′ 00″00	90° 00′ 00″00	90° 00′ 00″00	90° 00′ 00″00	90° 00′ 00″00	90° 00′ 00″00	90° 00′ 00″00	90° 00′ 00″00	90° 00′ 00″00	90° 00′ 00″00	90° 00′ 00″00
θ 2	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃

	RC117	RC118	RC119	RC120
STA (1)	19Km366.254	19Km382.254	19Km397.254	19Km412.254
STA (2)	19Km382.254	19Km397.254	19Km412.254	19Km428.254
AZIMUTH ANGLE (S1)	75° 05′ 10″71	75° 05′ 10″71	75° 05′ 10″71	75° 05′ 10″71
DO (S2)	〃	〃	〃	〃
U 1	11Km405.919	11Km390.458	11Km375.964	11Km361.469
T 1	2Km665.510	2Km669.628	2Km673.489	2Km677.349
U 2	11Km390.458	11Km375.964	11Km361.469	11Km346.008
T 2	2Km669.628	2Km673.489	2Km677.349	2Km681.467
L 1	16000	15000	15000	16000
L 2	15980	14980	14980	15980
L 3	15180	14180	14180	15180
L 4	6490	5990	5990	6490
θ 1	90° 00′ 00″00	90° 00′ 00″00	90° 00′ 00″00	90° 00′ 00″00
θ 2	〃	〃	〃	〃

NOTES :

1. ALL DIMENSIONS ARE SHOWN IN MILLIMETERS UNLESS OTHERWISE INDICATED
2. REFERENCE DRAWING FOR GENERAL VIEW : CS-276.

REPUBLIC OF INDONESIA
MINISTRY OF COMMUNICATIONS
DIRECTORATE GENERAL OF LAND TRANSPORT AND INLAND WATERWAYS

NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

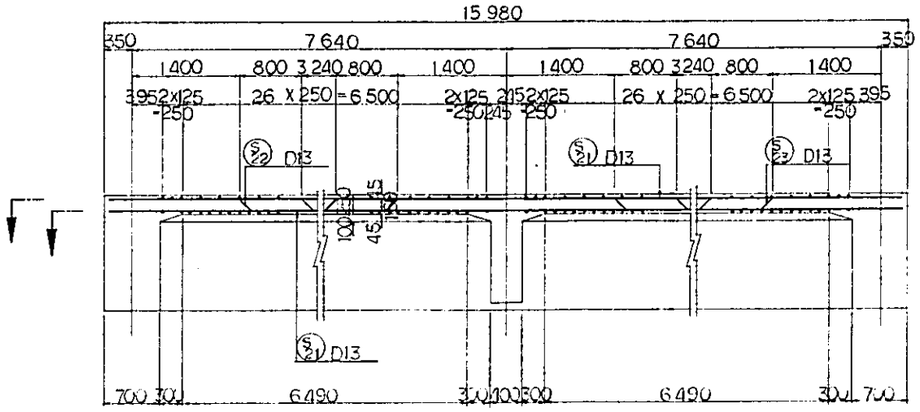
REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1AUG.'84	M.S	M.Y	K.A	K.M	
A	16FEB.'84	M.S	M.Y	K.A	K.M	

R.C. GIRDER
RC103~RC120
GENERAL VIEW
(SHEET 2 OF 2)

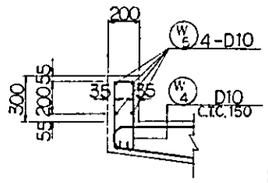
PACKAGE: I CIVIL AND ARCHITECTURAL WORK

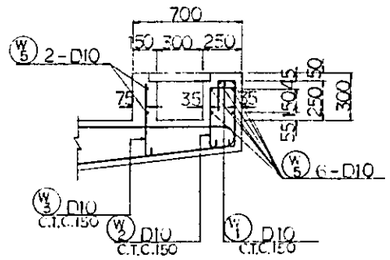
SCALE

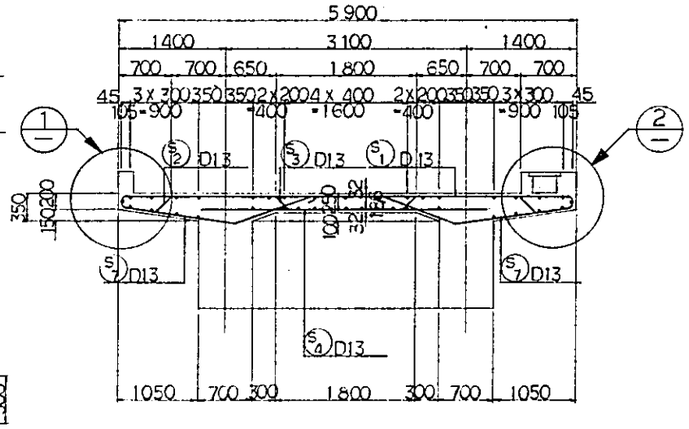
DRAWING NO: CS-277



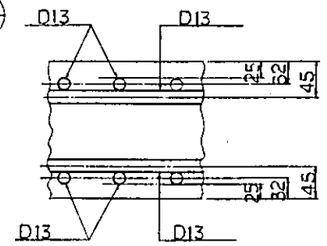
SECTION C



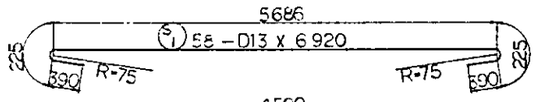


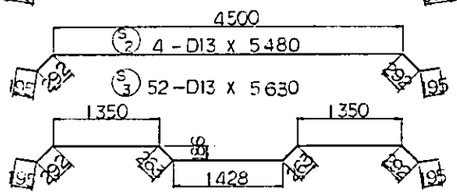


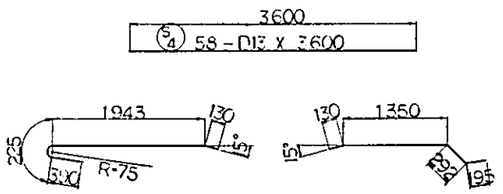
SECTION D

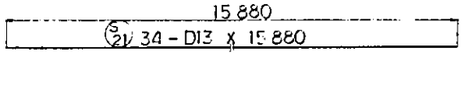


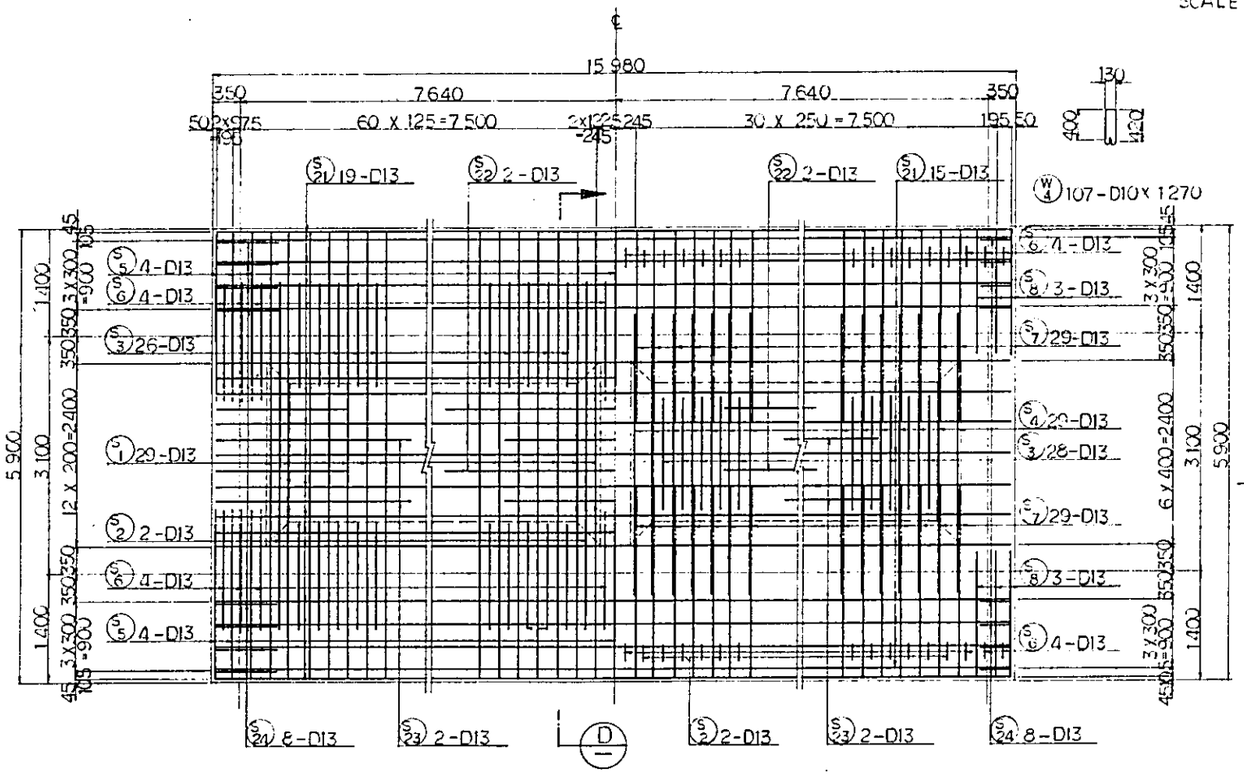
CONCRETE COVER











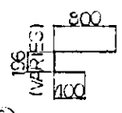
SECTION A

W4 107 - D10 X 1270

W1 107 - D10 x 890

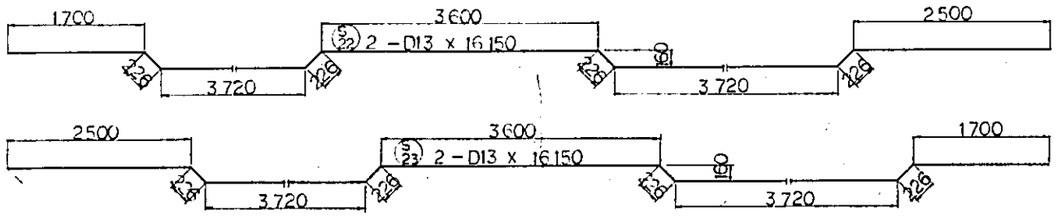
W2 107 - D10 x 720

W3 107 - D10 x 610



S24 16 - D13 x 1400 (VARIES)

SECTION B



NOTES :

1. ALL DIMENSIONS ARE SHOWN IN MILLIMETERS UNLESS OTHERWISE INDICATED
2. REFERENCE DRAWING FOR GENERAL VIEW : CS-276.

REPUBLIC OF INDONESIA
MINISTRY OF COMMUNICATIONS
DIRECTORATE GENERAL OF LAND TRANSPORT AND INLAND WATERWAYS

NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

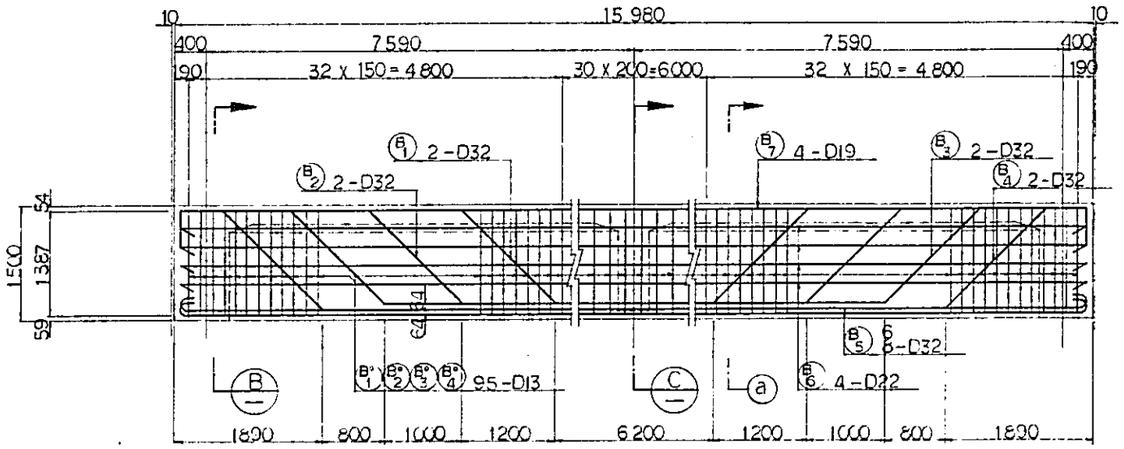
REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1 AUG. '84	M.S	M.Y	K.K	K.M	
A	15 FEB '84	M.S	M.Y	K.K	K.M	

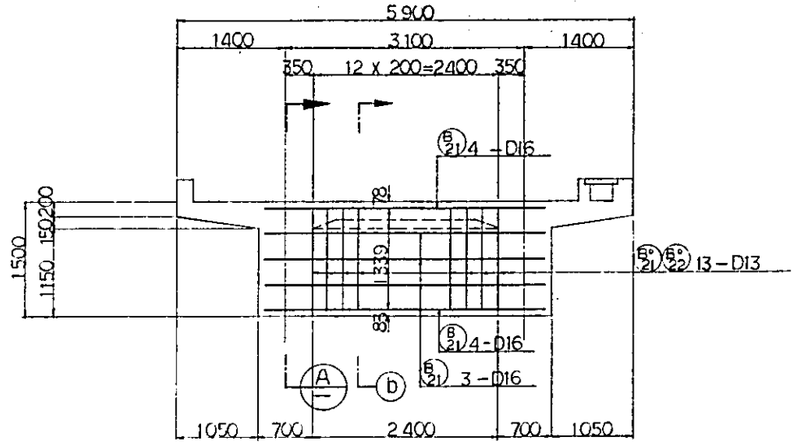
R.C. GIRDER RC103
BAR ARRANGEMENT
(SHEET 1 OF 3)

PACKAGE: I CIVIL AND ARCHITECTURAL WORK

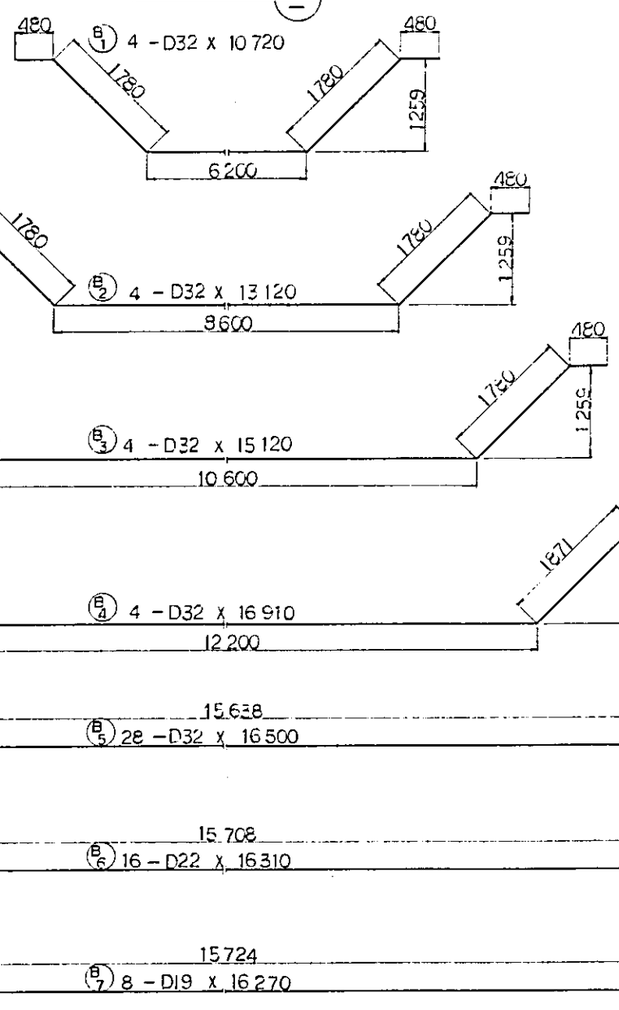
SCALE 1 : 40, 20

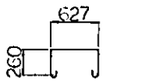
DRAWING NO: CS-278



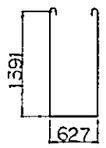


SECTION (A)





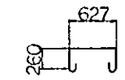
B*1 190 - D13 x 1550



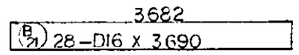
B*2 190 - D13 x 3810

B*3 190 - D13 x 1220

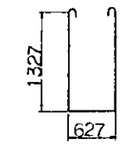
B*4 190 - D13 x 3480



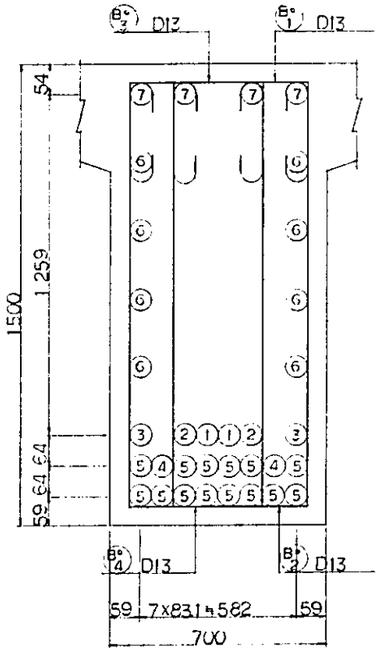
B*21 26 - D13 x 1550



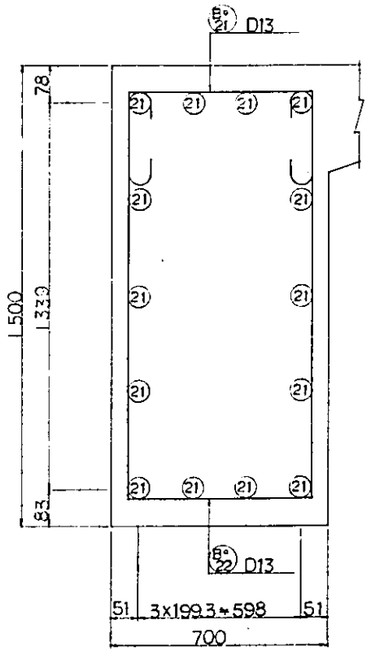
B21 28 - D16 x 3690



B*22 26 - D13 x 3690



SECTION (a) - (a)



SECTION (b) - (b)

NOTES

1 ALL DIMENSIONS ARE SHOWN IN MILLIMETERS UNLESS OTHERWISE INDICATED

2 REFERENCE DRAWING FOR GENERAL VIEW : CS - 276.

REPUBLIC OF INDONESIA
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DIRECTORATE GENERAL OF LAND TRANSPORT AND INLAND WATERWAYS

NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

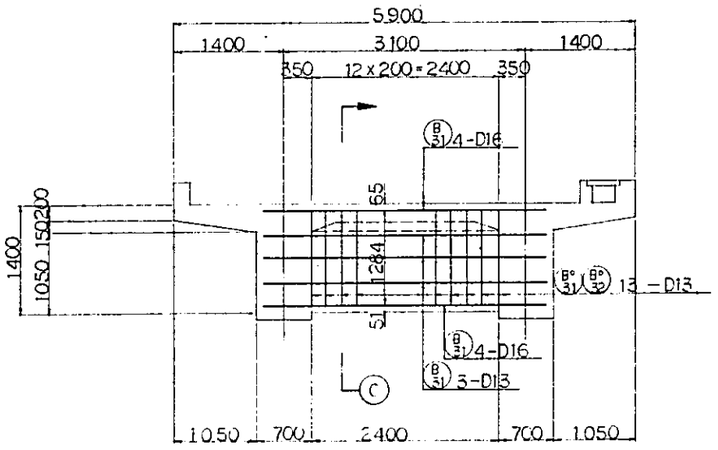
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1 AUG. '84	M.S	M.Y	K.A	K.M	
A	15 FEB. '84	M.S	M.Y	K.A	K.M	

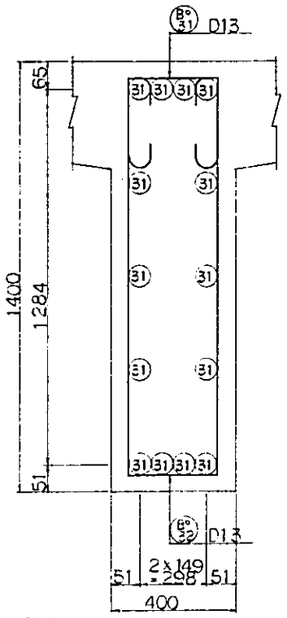
R.C. GIRDER RC103
BAR ARRANGEMENT
(SHEET 2 OF 3)

PACKAGE: I CIVIL AND ARCHITECTURAL WORK

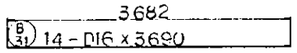
SCALE 1 : 40 | DRAWING NO: CS-279

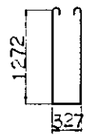


SECTION C

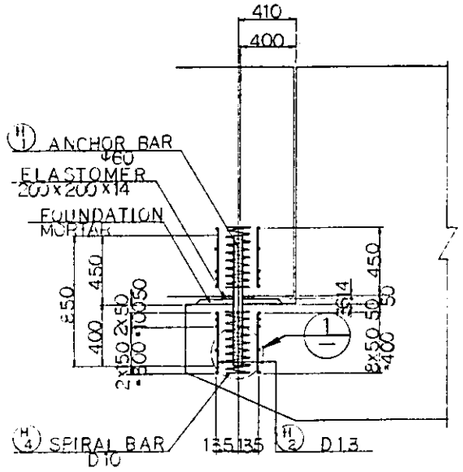


13 - D13 x 1 250



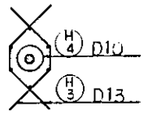


13 - D13 x 3 280



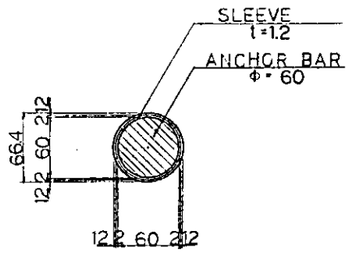
DETAIL OF SUPPORT BEARING
SCALE 1:20

24 - D13 x 400

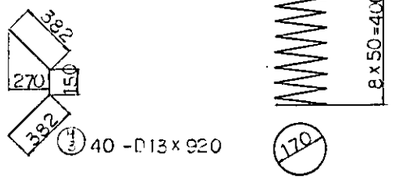


DETAIL 1/1
SCALE 1:20

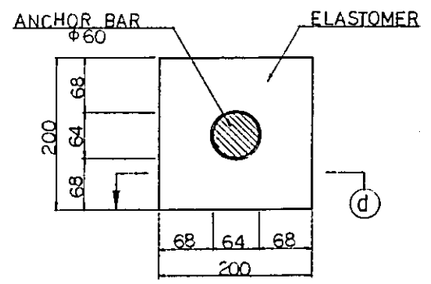
FIXED END



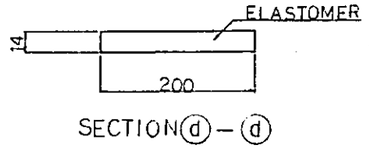
DETAIL OF ANCHORING
SCALE 1:3



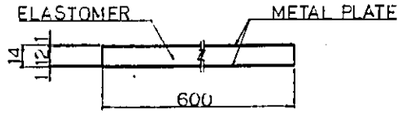
4 - D10 x 5 370
DETAIL OF SPIRAL BAR
SCALE 1:10



DETAIL OF DECK PAD
SCALE 1:4



SECTION d – d

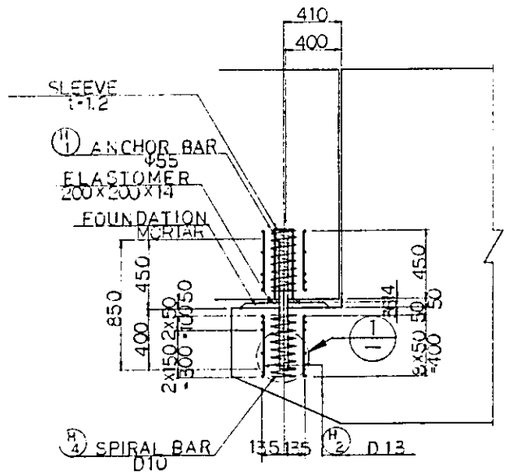


DETAIL OF BEARING PAD
SCALE 1:2

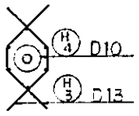
NOTES :

1. ALL DIMENSIONS ARE SHOWN IN MILLIMETERS UNLESS OTHERWISE INDICATED
2. REFERENCE DRAWING FOR GENERAL VIEW : CS-276.

MOVABLE SHOE

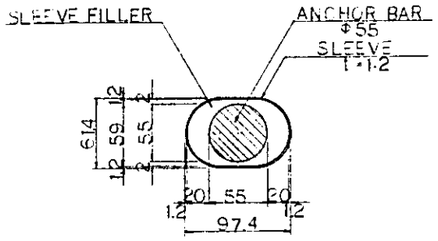


DETAIL OF SUPPORT BEARING
SCALE 1:20

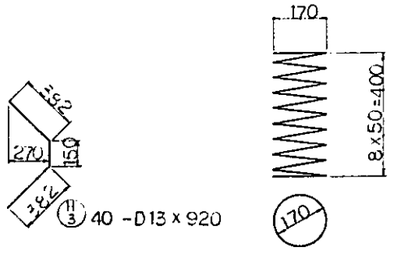


24 - D13 x 400

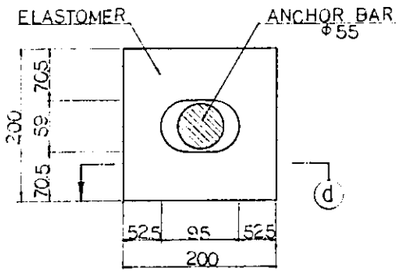
DETAIL 1/1
SCALE 1:20



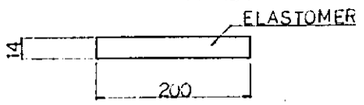
DETAIL OF ANCHORING
SCALE 1:3



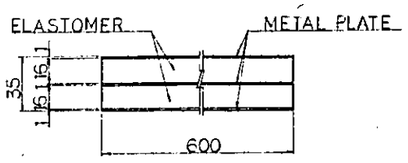
4 - D10 x 5 370
DETAIL OF SPIRAL BAR
SCALE 1:10



DETAIL OF DECK PAD
SCALE 1:4



SECTION d – d



DETAIL OF BEARING PAD
SCALE 1:2

REPUBLIC OF INDONESIA
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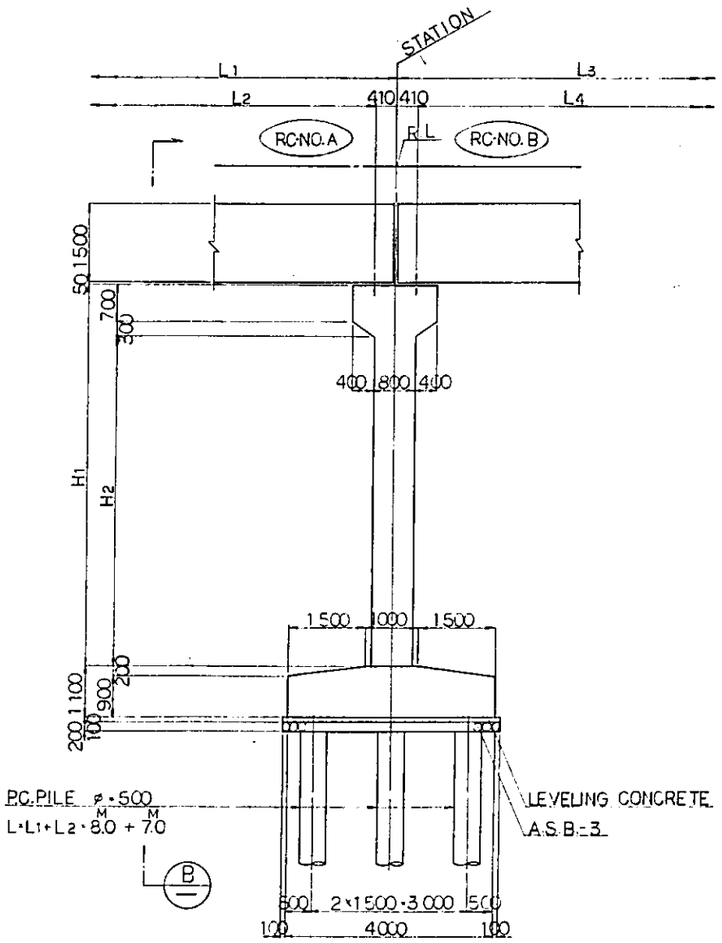
B	1AUG.'84	M.S	M.Y	K.A	K.M.	
A	15FEB.'84	M.S	M.Y	K.A	K.M	

R.C. GIRDER RCI03
BAR ARRANGEMENT
(SHEET 3 OF 3)

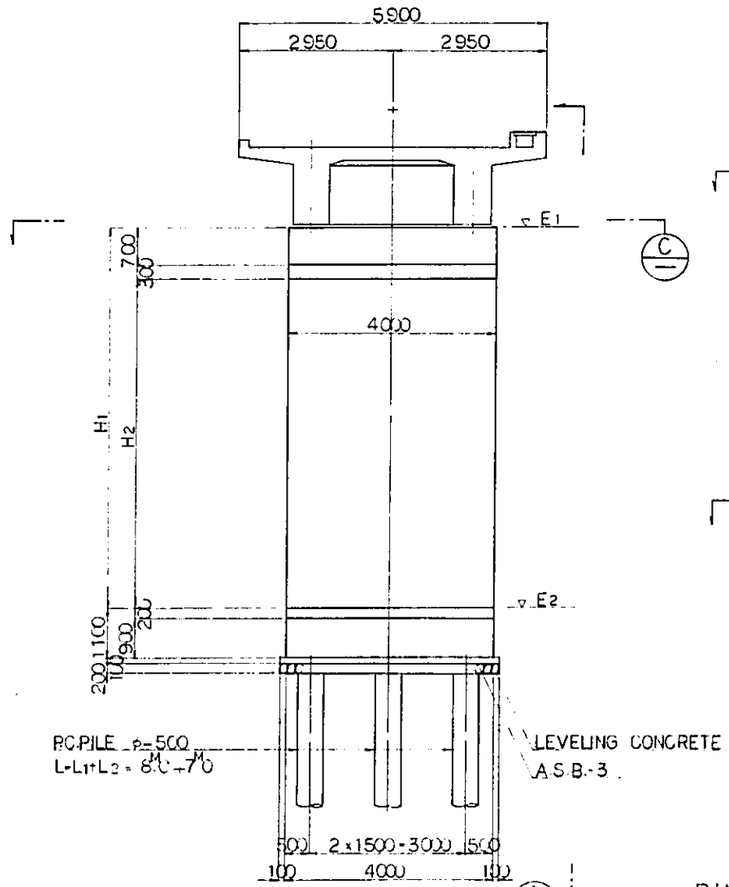
PACKAGE: I. CIVIL AND ARCHITECTURAL WORK

SCALE: AS NOTED

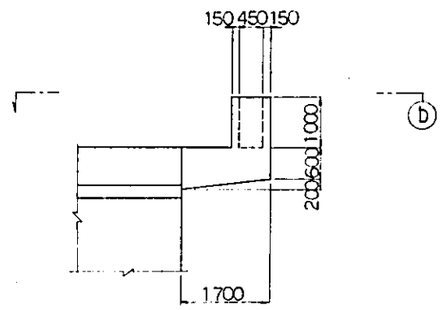
DRAWING NO.: CS-280



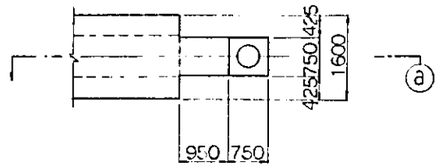
SECTION (A)



SECTION (B)



SECTION (a)-(a)



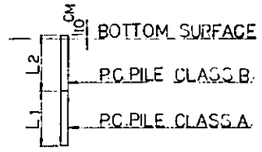
SECTION (b)-(b)

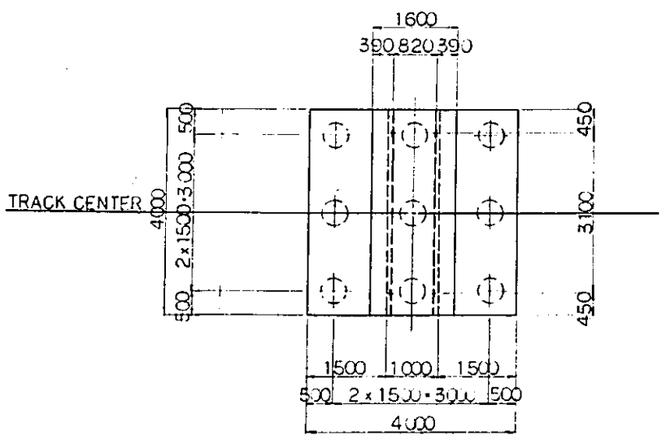
BEAM OF CATENARY POLE

FOR P-104, P-106, P-108, P-111
P-114, P-117 ONLY

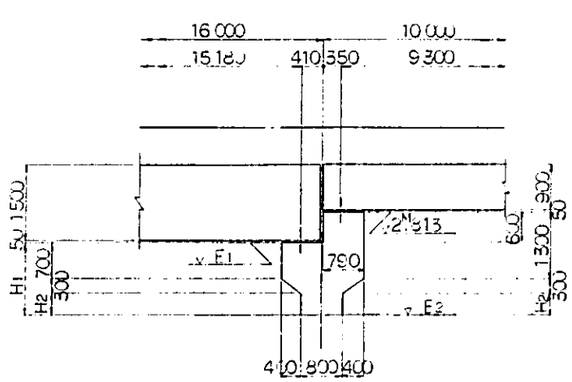
NOTES:

1. ALL DIMENSIONS ARE SHOWN MILLIMETERS UNLESS OTHERWISE INDICATED
2. REFERENCE DRAWING FOR BAR ARRANGEMENT : CS 282.03 283
3. TYPES OF P.C. PILE





SECTION (C)



BEAM OF P-120

DIMENSION SCHEDULE

PIER NO	STATION	RC NO.A	RC NO.B	R.L.	E1	E2	L1	L2	L3	L4	H1	H2
P 101	19 KM 133.253	101	102	10.554	8.254	0.894	16 023	15 203	16 001	15 181	7400	6400
P 102	149.254	102	103	10.553	8.293	0.893	16 001	15 181	16 000	15 180	7400	6400
P 103	165.254	103	104	10.498	8.238	0.838	16 000	15 180	-	-	7400	6400
P 104	181.254	104	105	10.358	8.098	0.898	-	-	-	-	7200	6200
P 105	197.254	105	106	10.137	7.877	0.877	-	-	15000	14 180	7000	6000
P 106	212.254	106	107	9.853	7.593	0.893	15 000	14 180	-	-	6700	5700
P 107	227.254	107	108	9.498	7.238	0.838	-	-	-	-	6400	5400
P 108	242.254	108	109	9.123	6.863	0.863	-	-	-	-	6000	5000
P 109	257.254	109	110	8.748	6.488	0.888	-	-	16000	15180	5600	4600
P 110	273.254	110	111	8.348	6.088	0.888	16000	15180	-	-	5200	4200
P 111	289.254	111	112	7.948	5.688	0.888	-	-	-	-	4800	3800
P 112	305.254	112	113	7.548	5.288	0.888	-	-	-	-	4400	3400
P 113	321.254	113	114	7.148	4.888	0.888	-	-	15000	14180	4000	3000
P 114	336.254	114	115	6.773	4.513	0.813	15000	14180	16000	15180	3700	2700
P 115	352.254	115	116	6.373	4.113	0.813	16000	15180	14000	13180	3300	2300
P 116	366.254	116	117	6.023	3.763	0.863	14000	13180	16000	15180	2900	1900
P 117	382.254	117	118	5.623	3.363	0.863	16000	15180	15000	14180	2500	1500
P 118	397.254	118	119	5.248	2.988	0.888	15000	14180	-	-	2100	1100
P 119	412.254	119	120	4.873	2.613	0.813	-	-	16000	15180	1800	800
P 120	428.254	120	121	4.473	2.213	0.813	16000	15180	10000	9300	1400	400

GENERAL VIEW OF P-101 ~ P-120 SCALE 1:60

REPUBLIC OF INDONESIA
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B	1 AUG '84	S.S	M.Y	K.K	K.M	M.K
A	6 FEB '84	S.S	M.Y	K.K	K.M	M.K

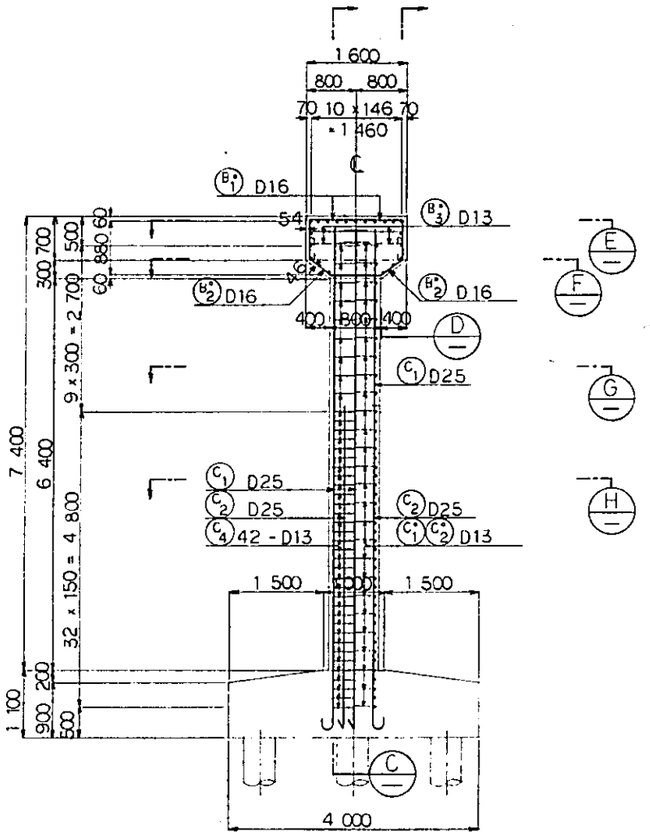
PIER P101~P120

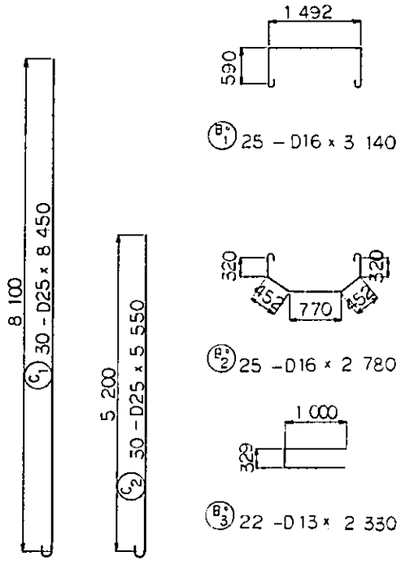
GENERAL VIEW

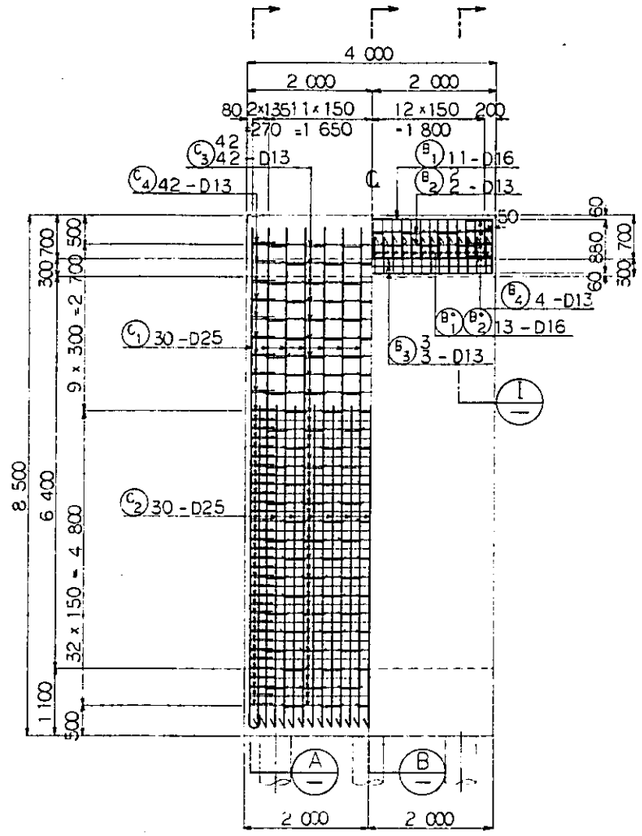
PACKAGE: I CIVIL AND ARCHITECTURAL WORK

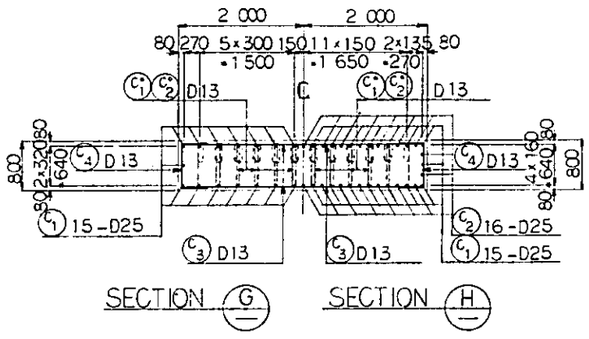
SCALE 1:60

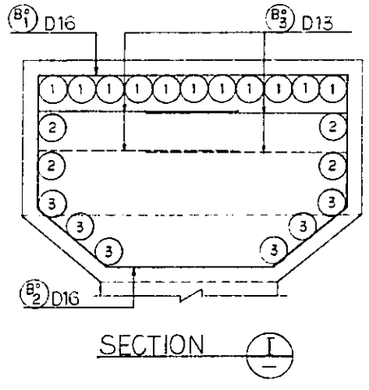
DRAWING NO. CS-281

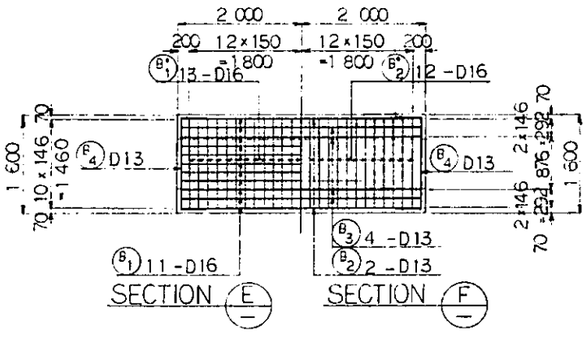


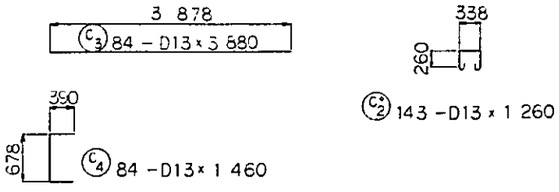


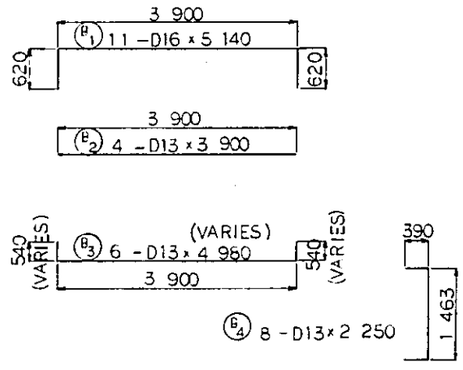












NOTES:

1 ALL DIMENSIONS ARE SHOWN IN MILLIMETERS UNLESS OTHERWISE INDICATED

2 REFERENCE DRAWING FOR GENERAL VIEW : CS281.

REPUBLIC OF INDONESIA
MINISTRY OF COMMUNICATIONS
DIRECTORATE GENERAL OF LAND TRANSPORT AND INLAND WATERWAYS

NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

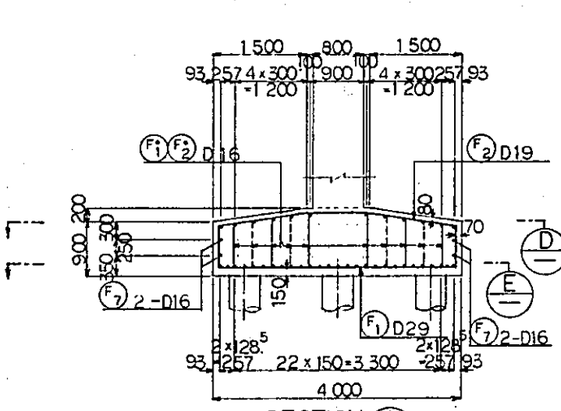
REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1 AUG '84	S.S	M.Y	K.S	K.M	
A	1 FEB '84	S.S	M.Y	K.S	K.M	

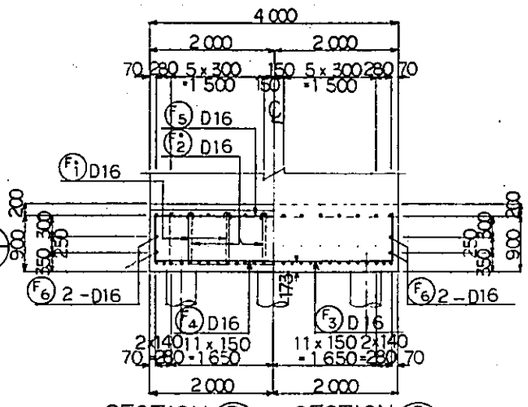
PIER P101
BAR ARRANGEMENT
(SHEET 1 OF 2)

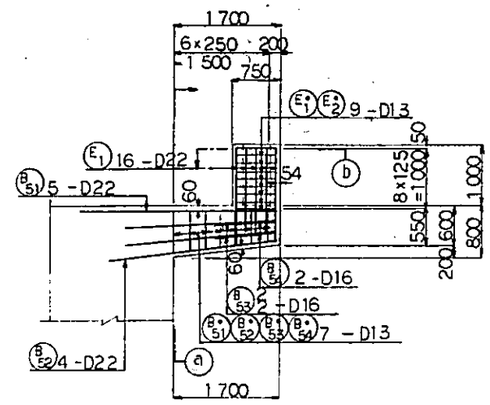
PACKAGE: I CIVIL AND ARCHITECTURAL WORK

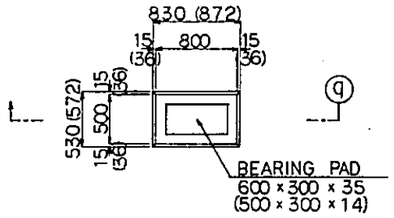
SCALE 1 : 50

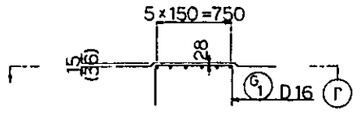
DRAWING NO: CS-282

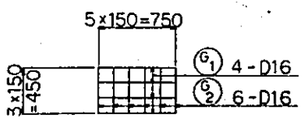






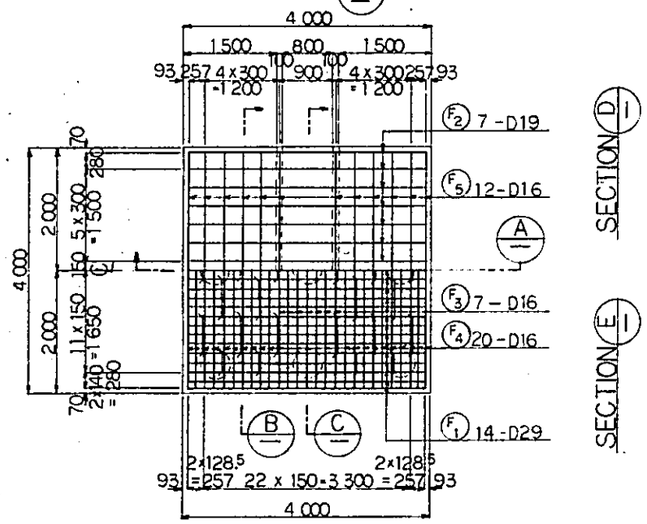


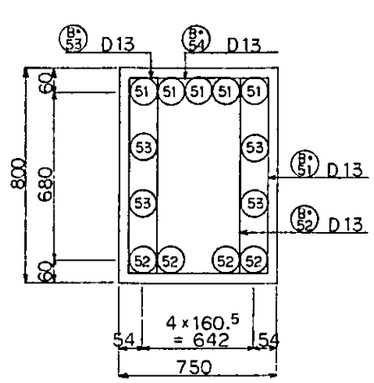


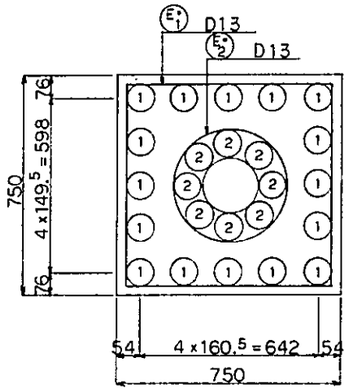


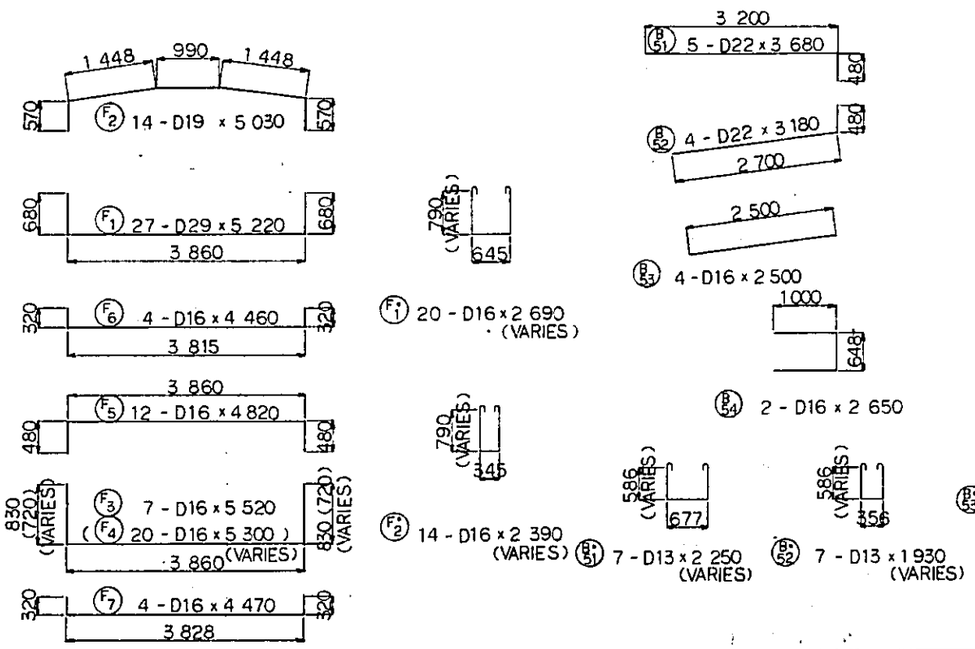
NOTES:

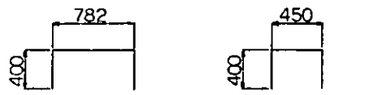
1. ALL DIMENSIONS ARE SHOWN IN MILLIMETERS UNLESS OTHERWISE INDICATED
2. REFERENCE DRAWING FOR GENERAL VIEW : CS281.











BEARING BASE SCALE 1:30
( ) - TERMINAL SIDE OF P.120

REPUBLIC OF INDONESIA
MINISTRY OF COMMUNICATIONS
DIRECTORATE GENERAL OF LAND TRANSPORT AND INLAND WATERWAYS

NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

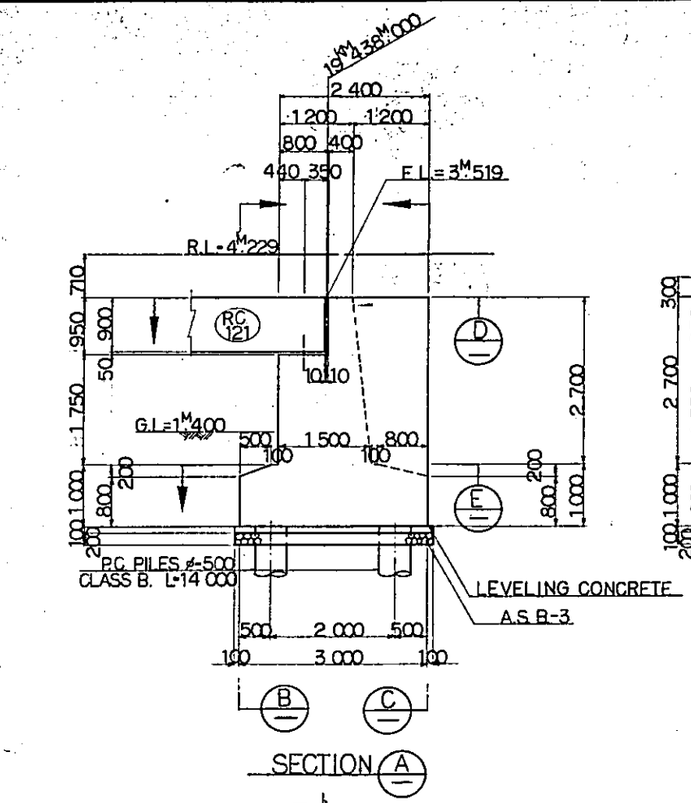
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1 AUG. '84	S.S	M.Y	K.A	K.M	
A	[illegible]	S.S	M.Y	K.A	K.M	

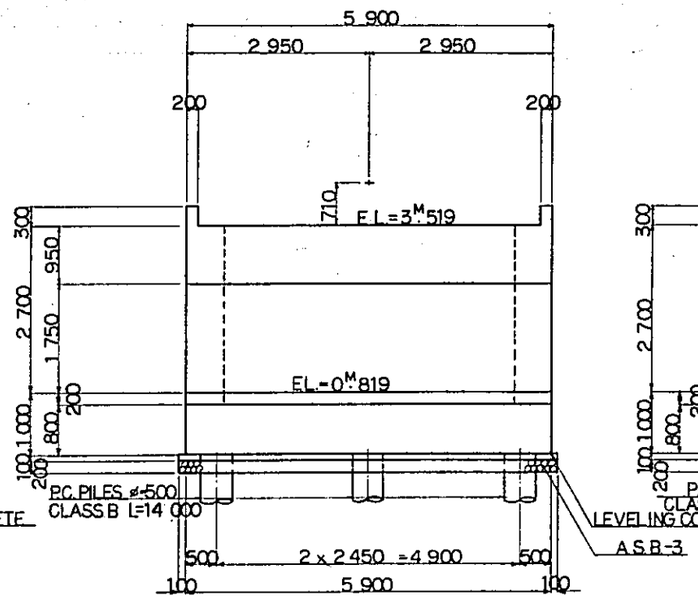
PIER PIOI
BAR ARRANGEMENT
(SHEET 2 OF 2)

PACKAGE: I CIVIL AND ARCHITECTURAL WORK

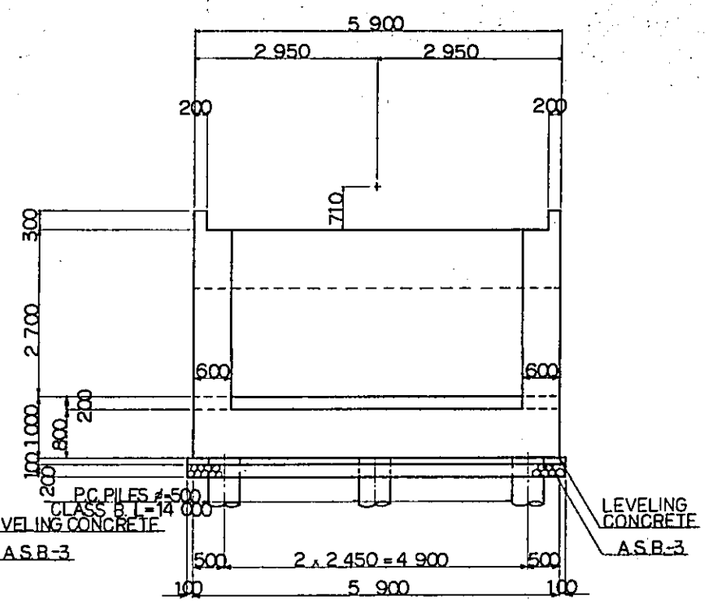
SCALE: 1:50, 30 DRAWING NO.: CS-283



SECTION A



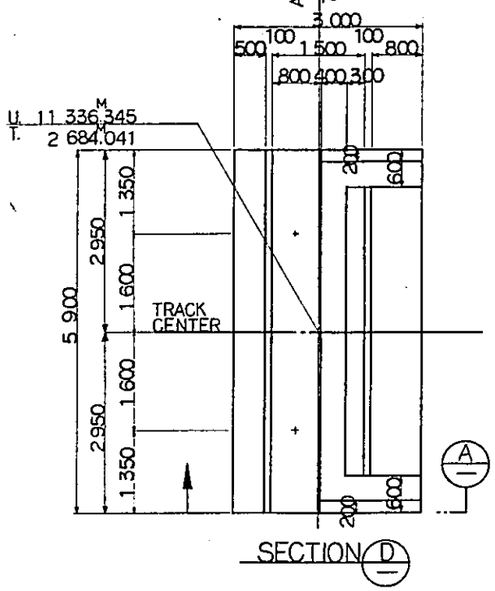
SECTION B



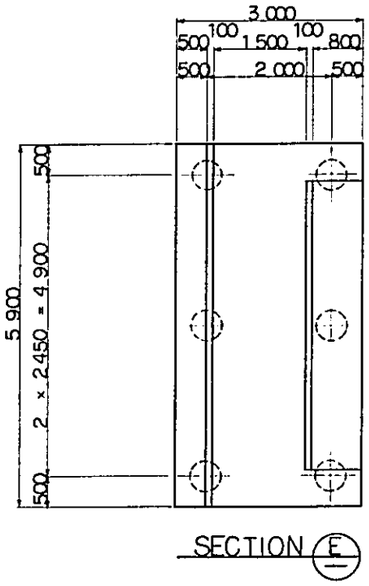
SECTION C

NOTES:

1. ALL DIMENSIONS ARE SHOWN IN MILLIMETERS UNLESS OTHERWISE INDICATED
2. REFERENCE DRAWING FOR BAR ARRANGEMENT : CS - 142.
   CS - 143.
   CS - 144.



SECTION D



SECTION E

REPUBLIC OF INDONESIA
MINISTRY OF COMMUNICATIONS
DIRECTORATE GENERAL OF LAND TRANSPORT AND INLAND WATERWAYS

NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1 AUG. '84	S.S	M.Y	K.H	K.M	A.K
A	15 FEB. '84	S.S	M.Y	K.H	K.M	A.K

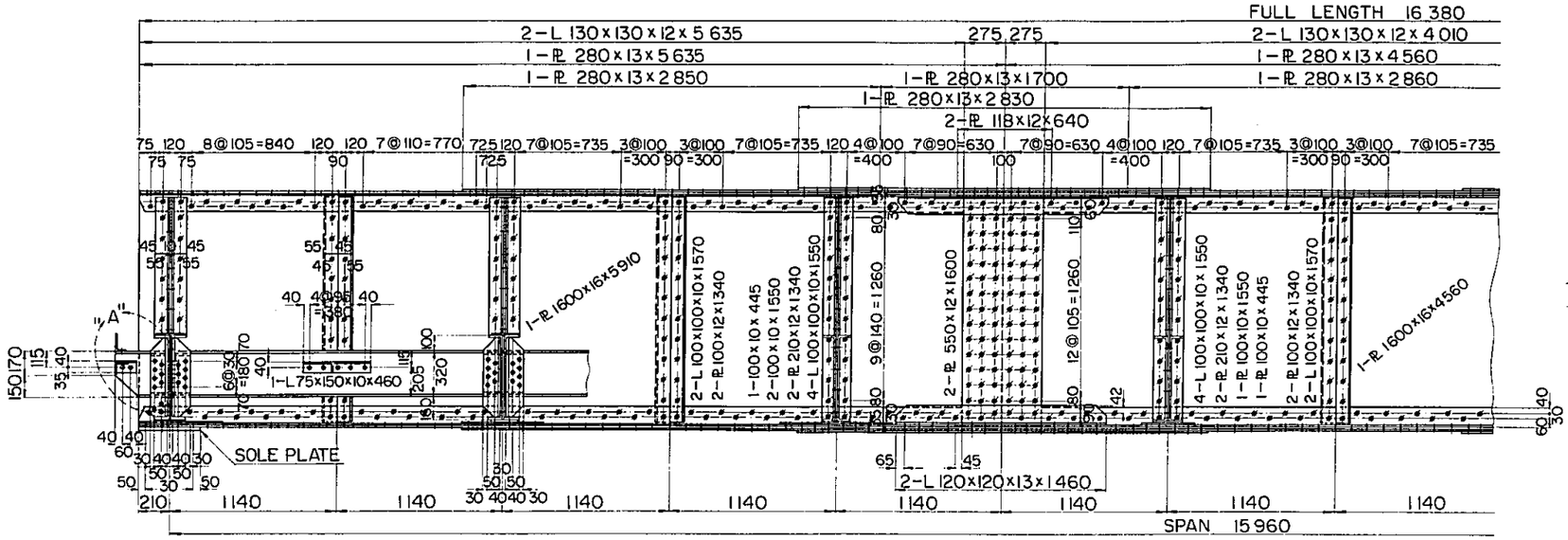
ABUTMENT AbIOI

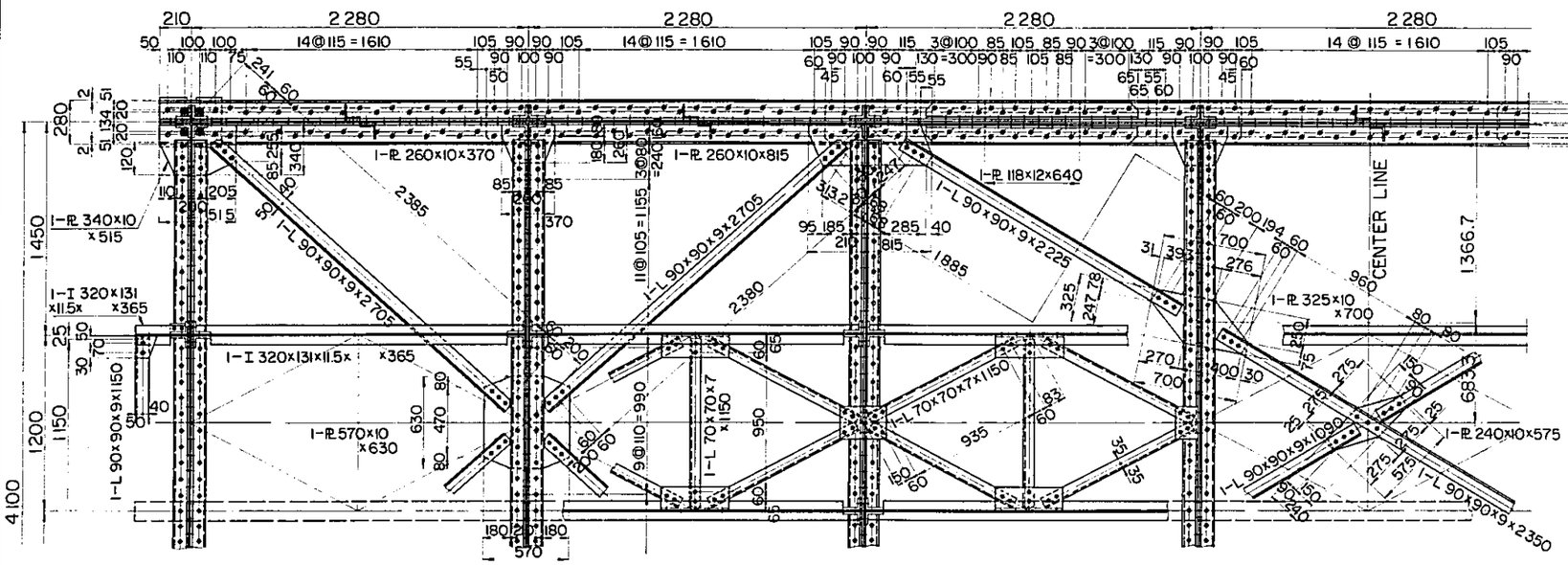
GENERAL VIEW

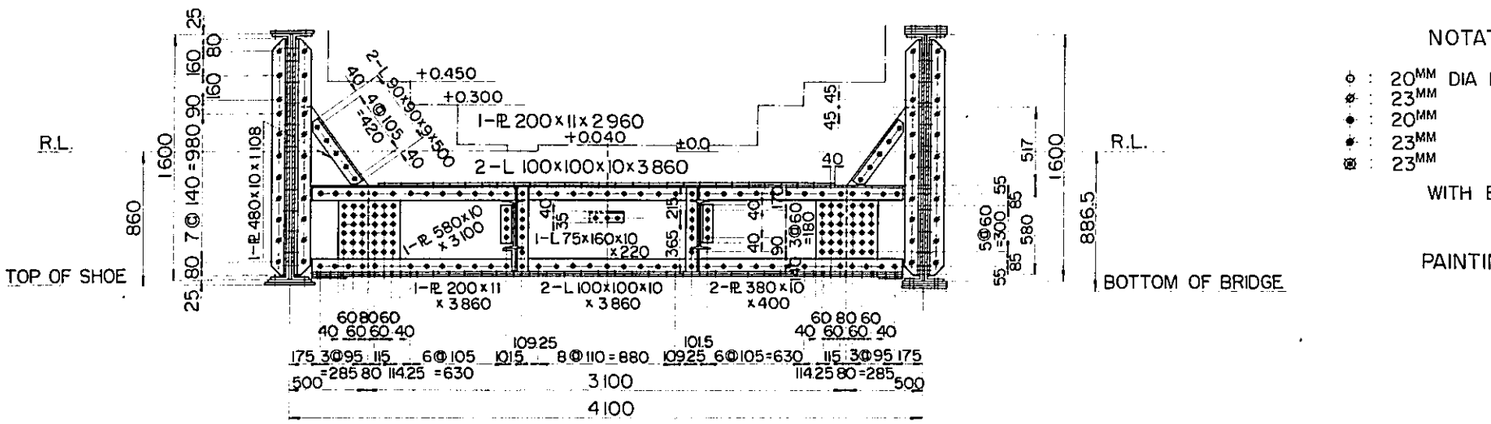
PACKAGE: I CIVIL AND ARCHITECTURAL WORK

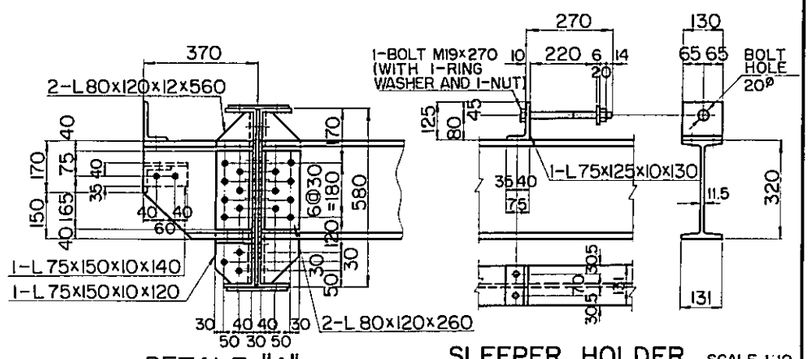
SCALE: 1 : 50

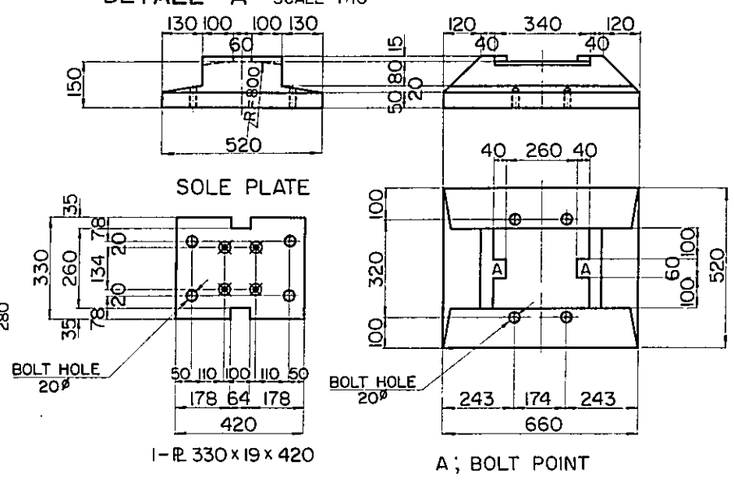
DRAWING NO.: CS-284











SHOE SCALE 1:10

NOTE :

ALL DIMENSIONS ARE SHOWN IN MILLIMETERS UNLESS OTHERWISE INDICATED.

NOTATION

- ⊕ : 20MM DIA RIVET HOLE, SHOP RIVETED
- ⊗ : 23MM " "
- ● : 20MM " FIELD RIVETED
- ◉ : 23MM " "
- ⊠ : 23MM " FIELD RIVETED WITH BOTTOM SIDE SUNKEN

PAINTING AREA 265 M²

REPUBLIC OF INDONESIA
MINISTRY OF COMMUNICATIONS
DIRECTORATE GENERAL OF LAND TRANSPORT AND INLAND WATERWAYS

NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

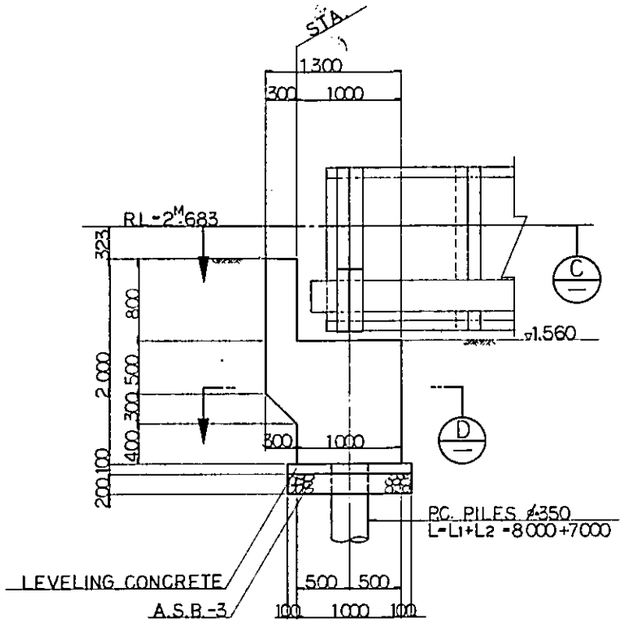
REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	7 AUG.'84	K.I	M.Y	K.I	K.M	
A	'5 ! 8.'84	K.I	M.Y	K.I	K.M	

BRIDGE B16 DETAILS OF THROUGH PLATE GIRDER

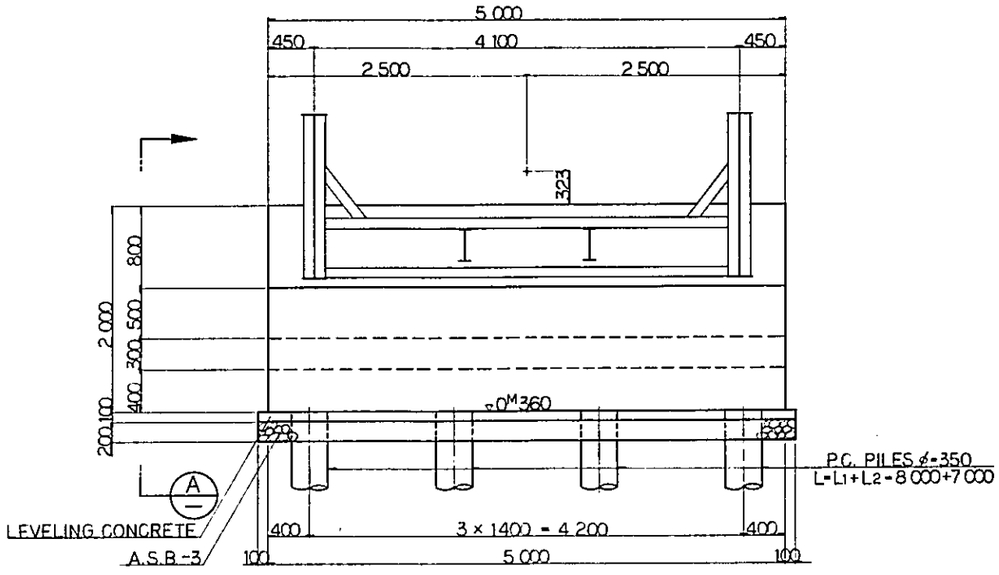
PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE 1 : 20,10

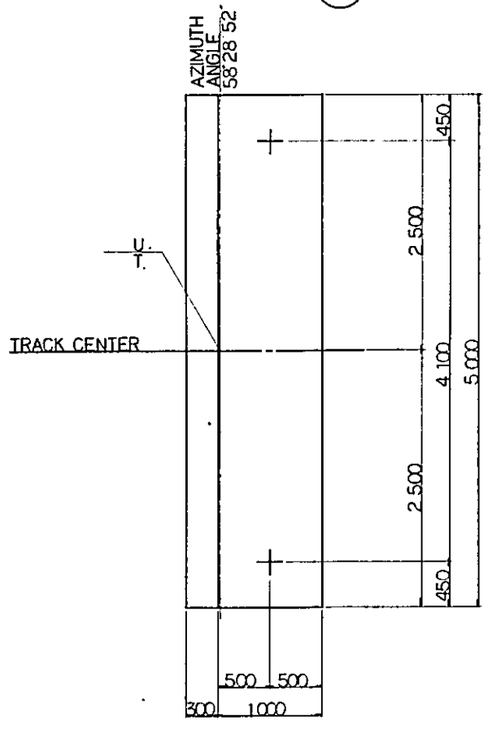
DRAWING NO: CS-285



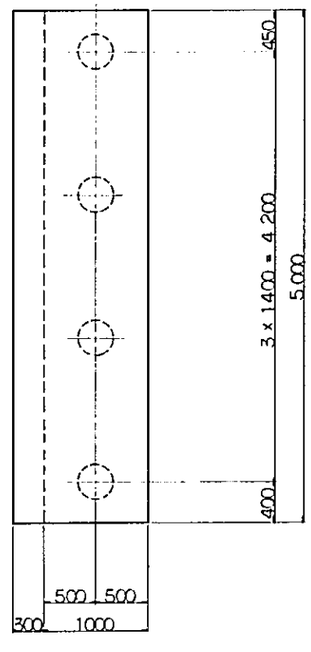
SECTION (A)



SECTION (B)



SECTION (C)



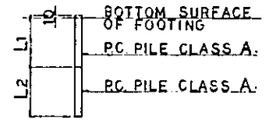
SECTION (D)

DIMENSION SCHEDULE

NO.	STA.	U.	T.
Ab102	KM 19 M 922.520	KM 10 M 896.038	KM 2 M 876.726
Ab103	KM 19 M 939.480	KM 10 M 881.580	KM 2 M 885.592

NOTES:

1. ALL DIMENSIONS ARE SHOWN IN MILLIMETERS UNLESS OTHERWISE INDICATED
2. TYPES OF P.C. PILE



3. REFERENCE DRAWING FOR BAR ARRANGEMENT : CS - 287.

REPUBLIC OF INDONESIA
MINISTRY OF COMMUNICATIONS
DIRECTORATE GENERAL OF LAND TRANSPORT AND INLAND WATERWAYS

NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

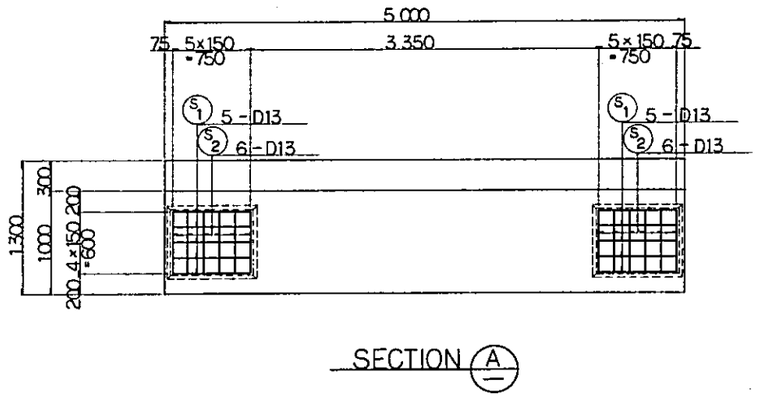
REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1 AUG.'84	S.S	M.Y	K.A	K.M	K
A	15 FEB.'84	S.S	M.Y	K.A	K.M	K

ABUTMENT Ab102 , Ab103
GENERAL VIEW

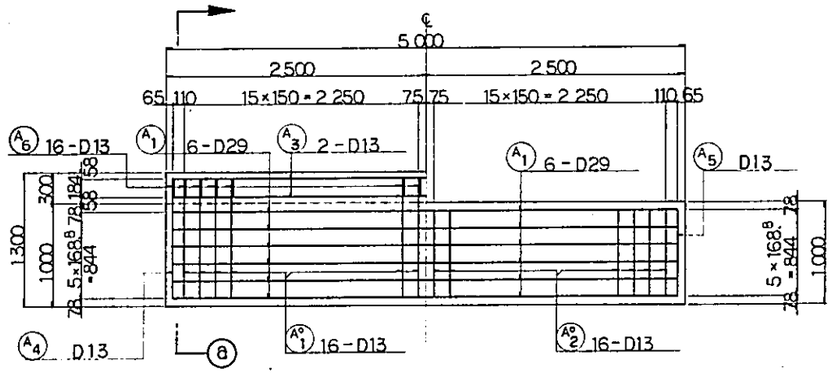
PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE 1 : 30

DRAWING NO: CS-286

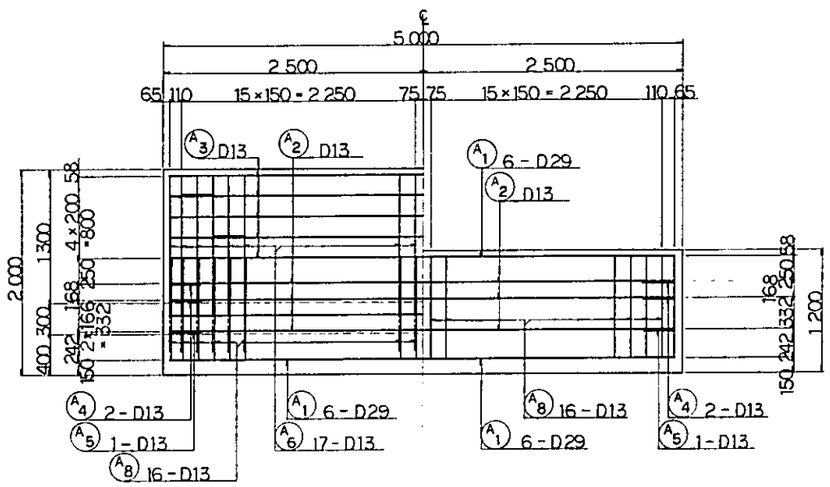


SECTION (A)



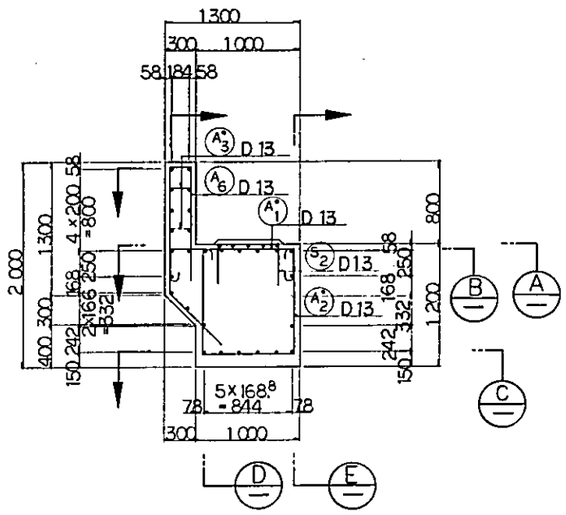
SECTION (B)

SECTION (C)

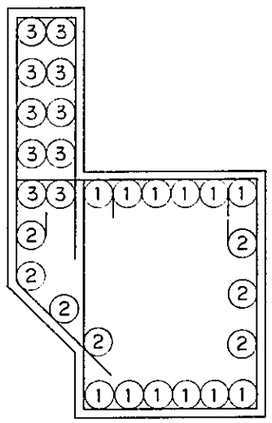


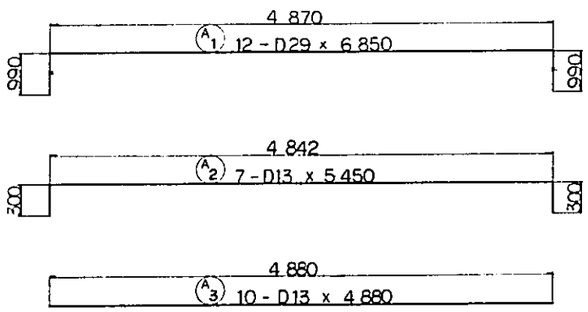
SECTION (D)

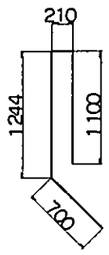
SECTION (E)



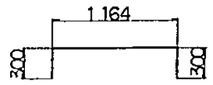
SECTION (a) – (a)



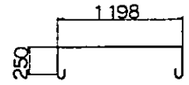




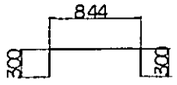
A6 34 - D13 x 3 260



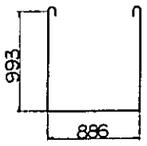
A4 4 - D13 x 1 770



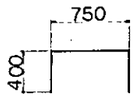
A°1 32 - D13 x 2 100



A5 2 - D13 x 1 450

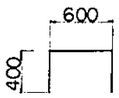


A°2 32 - D13 x 3 280



S1 10 - D13 x 1 550

A°3 13 - D13 x 1 070



S2 12 - D13 x 1 400

NOTES:

1. ALL DIMENSIONS ARE SHOWN IN MILLIMETERS UNLESS OTHERWISE INDICATED
2. REFERENCE DRAWING FOR GENERAL VIEW : CS - 286.

REPUBLIC OF INDONESIA
MINISTRY OF COMMUNICATIONS
DIRECTORATE GENERAL OF LAND TRANSPORT AND INLAND WATERWAYS

NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1 AUG 84	S S	M.Y	K.A	K.M	
A	15 FEB 84	S S	M.Y	K.A	K.M	

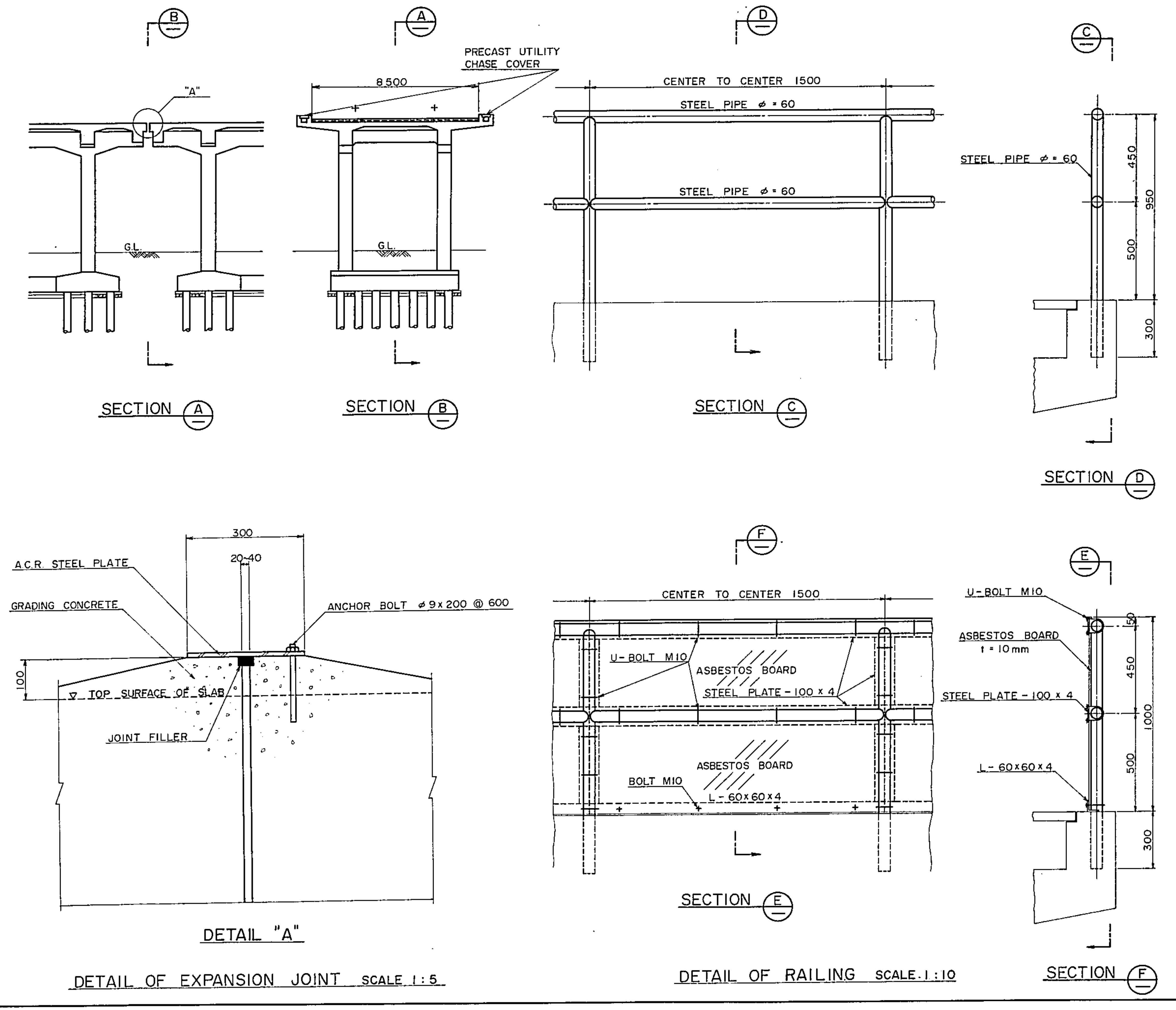
ABUTMENT Ab102

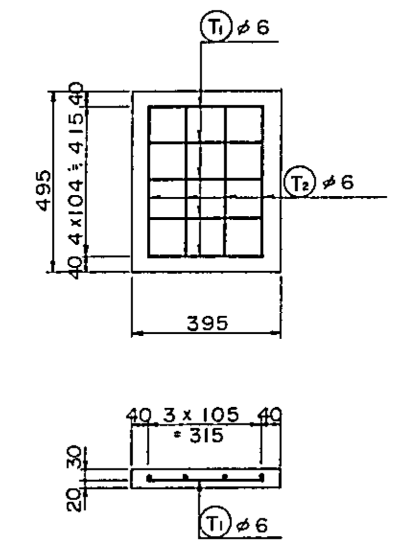
BAR ARRANGEMENT

PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE 1 : 30

DRAWING NO. CS-287





DETAIL OF PRECAST UTILITY CHASE COVER

SCALE 1 : 10

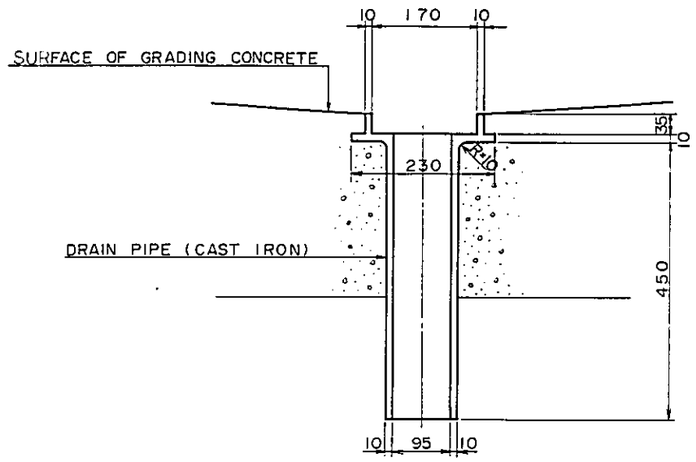
NOTES:

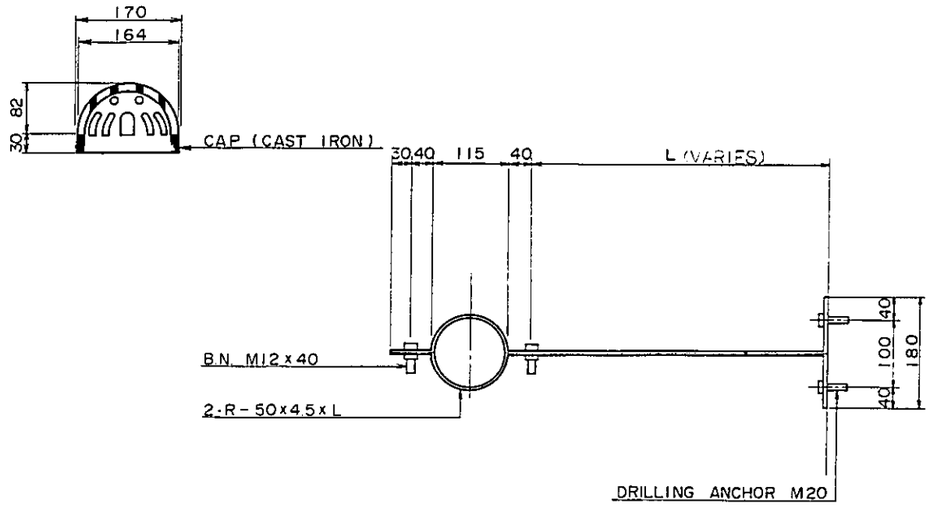
1. ALL DIMENSIONS ARE SHOWN IN MILLIMETERS UNLESS OTHERWISE INDICATED
2. RAILINGS WITH ASBESTOS BOARDS WILL BE INSTALLED AT LOCATIONS OF OVER-ROAD BRIDGES AND ALONG THE TRACK AT DENSED HOUSING AREAS.

ABBREVIATIONS:

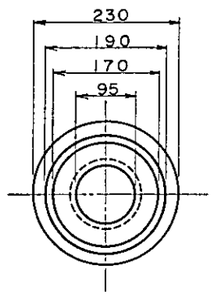
A.C.R. STEEL PLATE ..... ATMOSPHERIC CORROSION RESISTING STEEL PLATE.

REPUBLIC OF INDONESIA MINISTRY OF COMMUNICATIONS DIRECTORATE GENERAL OF LAND TRANSPORT AND INLAND WATERWAYS						
NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT						
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)						
F	1 AUG.'84	I.J	M.Y	K.A	K.M	K
A	15 FEB.'84	I.J	M.Y	K.A	K.M	K
REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
DETAILS OF MISCELLANEOUS WORKS FOR VIADUCTS AND BRIDGE SUPERSTRUCTURES						
PACKAGE: I CIVIL AND ARCHITECTURAL WORK						
SCALE 1 : 10, 5	DRAWING NO: CS-288					

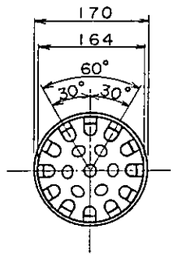




SUPPORT SCALE 1:5



DRAIN PIPE



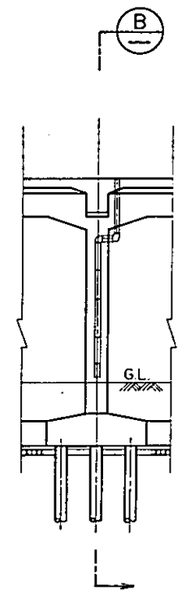
CAP

NOTES:

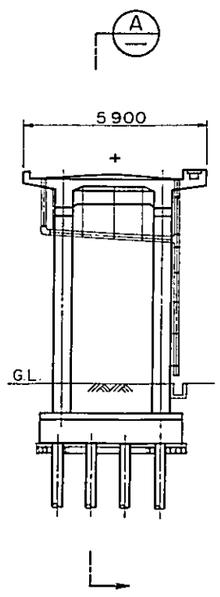
1. ALL DIMENSIONS ARE SHOWN IN MILLIMETERS UNLESS INDICATED OTHERWISE

2. ABBREVIATIONS:

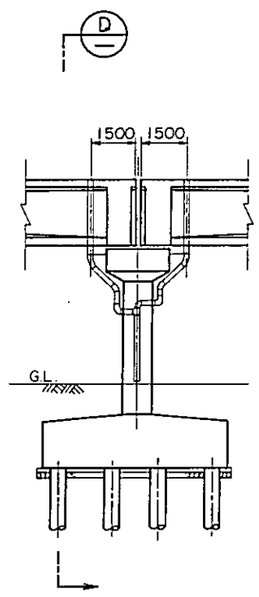
A.C.R STEEL PLATE
..... ATMOSPHERIC CORROSION RESISTING STEEL PLATE



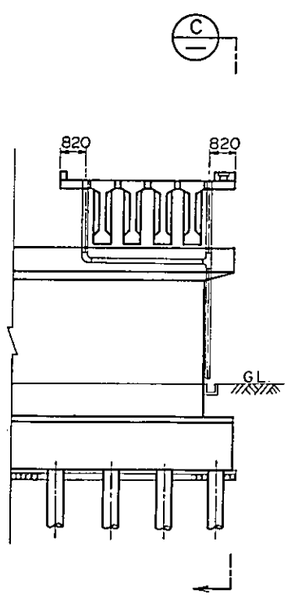
SECTION B



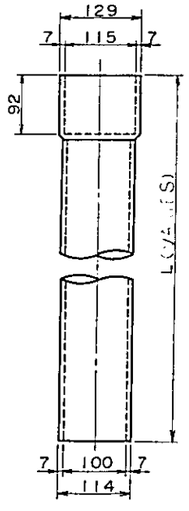
SECTION A



SECTION C



SECTION D



U.P.V.C. PIPE SCALE 1:5

REPUBLIC OF INDONESIA
MINISTRY OF COMMUNICATIONS
DIRECTORATE GENERAL OF LAND TRANSPORT AND INLAND WATERWAYS

NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

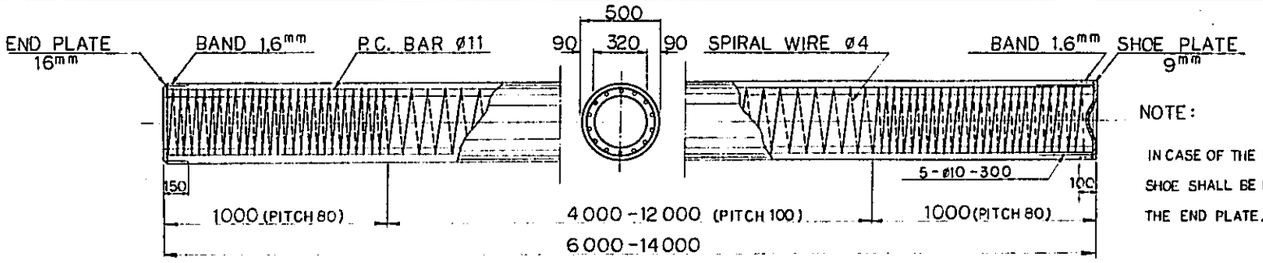
REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1 AUG '84	K.I	M.Y	K.I	K.M.	M.K
A	15 FEB '84	K.I	M.Y	K.I	K.M	M.K

DETAILS OF DRAIN FOR VIADUCTS AND BRIDGE SUPERSTRUCTURES

PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE 1:100,5

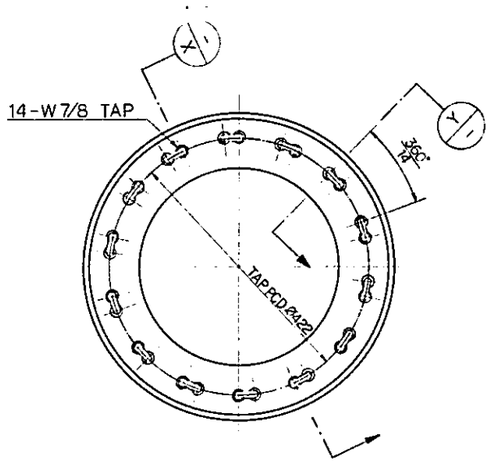
DRAWING NO. CS-289

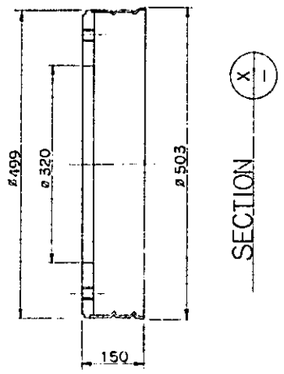


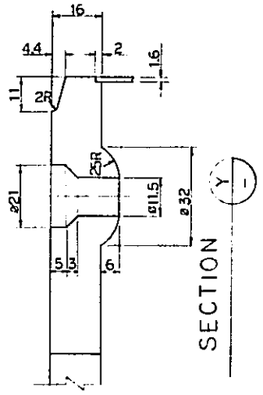
NOTE:

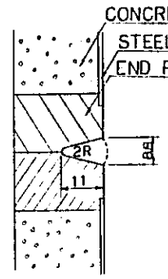
IN CASE OF THE UPPER PILE, THIS SHOE SHALL BE REPLACED TO THE END PLATE.

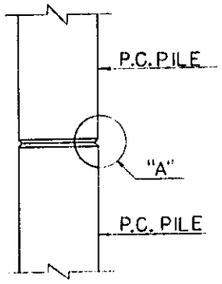
P.C. PILE CLASS B



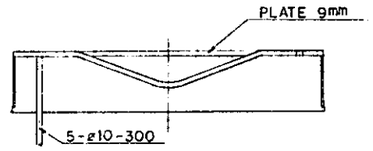




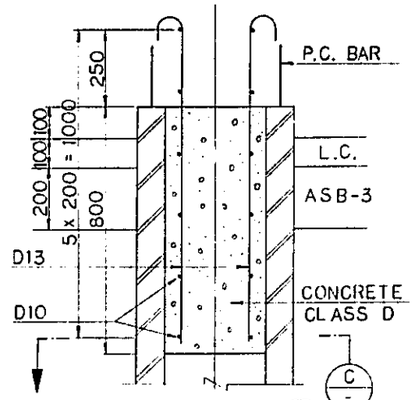


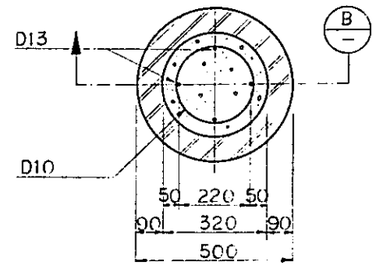


DETAIL OF "A"

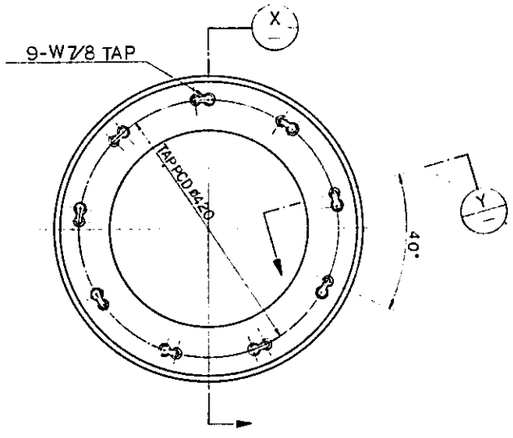


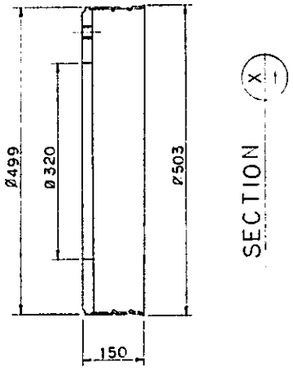
CLASS B

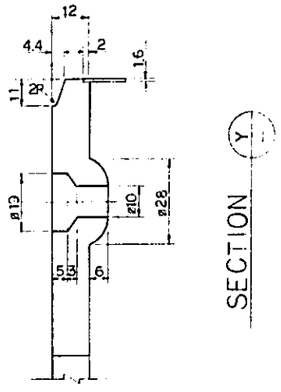




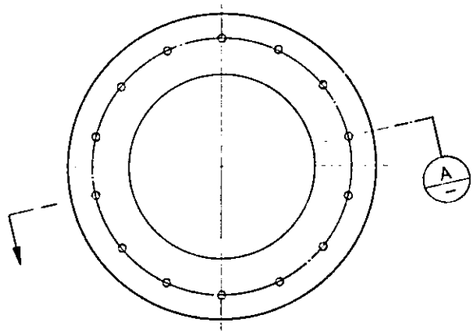
PILE HEAD

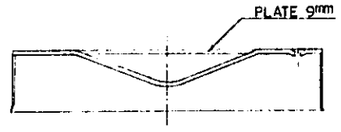






P.C. PILE CLASS A





CLASS A

SECTION A

SHOE

NOTE:

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REPUBLIC OF INDONESIA
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DIRECTORATE GENERAL OF LAND TRANSPORT AND INLAND WATERWAYS

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JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

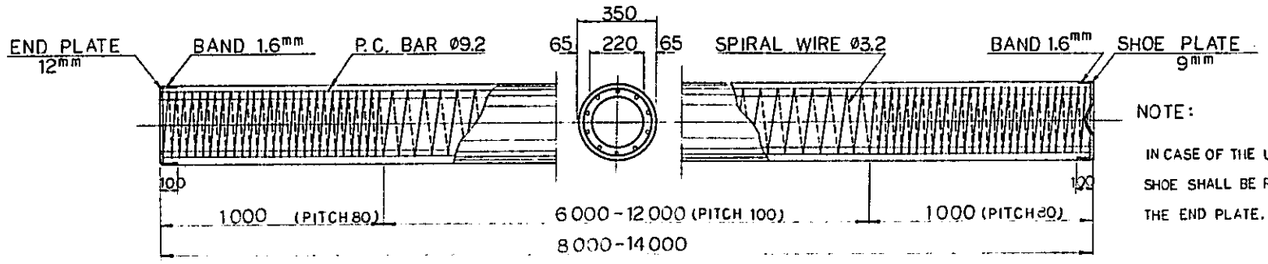
REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
A	1 AUG. '84	K.V	K.S	K.A.	K.M.	M.K

DETAILS OF PRESTRESSED CONCRETE PILES (SHEET 1 OF 2)

PACKAGE: I CIVIL AND ARCHITECTURAL WORK.

SCALE: NOT IN SCALE

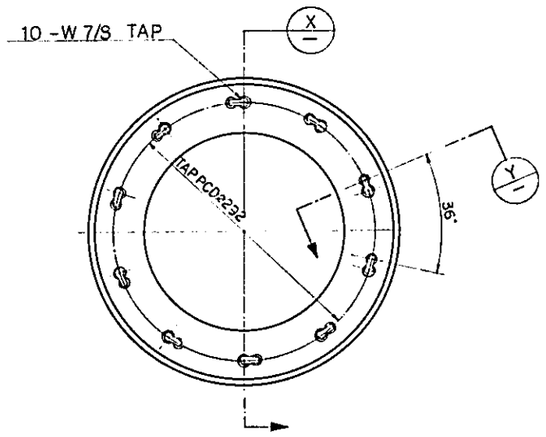
DRAWING NO: CS-290

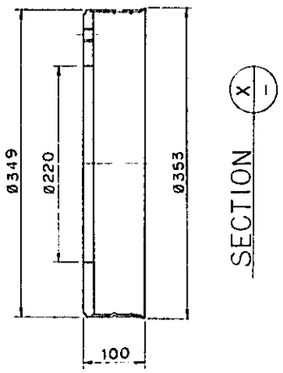


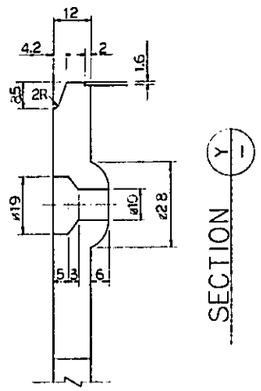
NOTE:

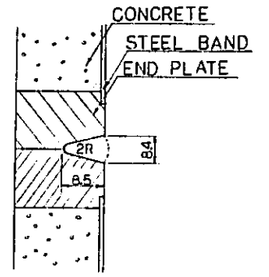
IN CASE OF THE UPPER PILE, THIS SHOE SHALL BE REPLACED TO THE END PLATE.

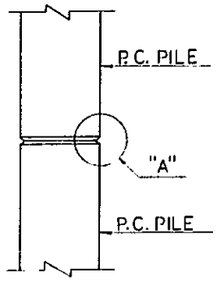
P.C. PILE CLASS B



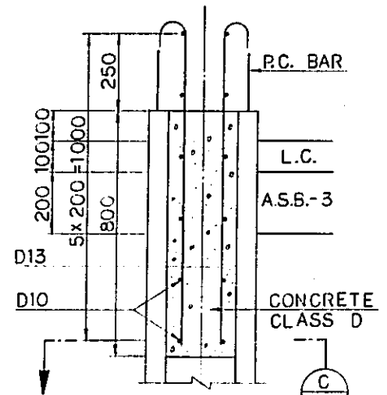




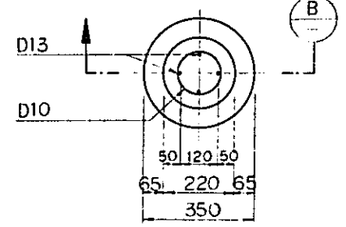




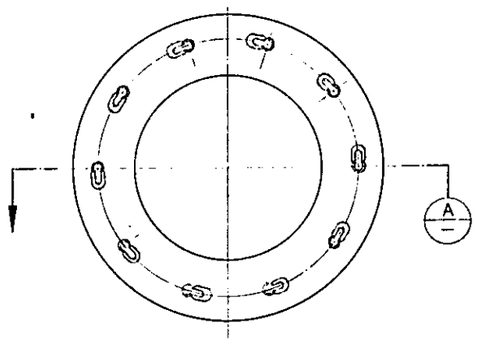
DETAIL OF "A"



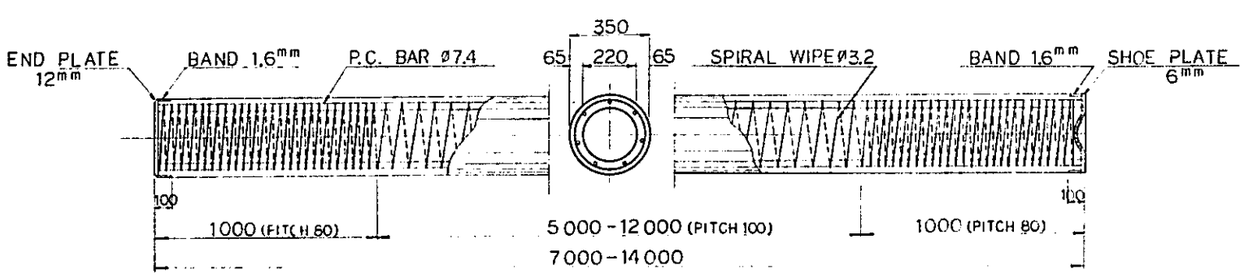
SECTION



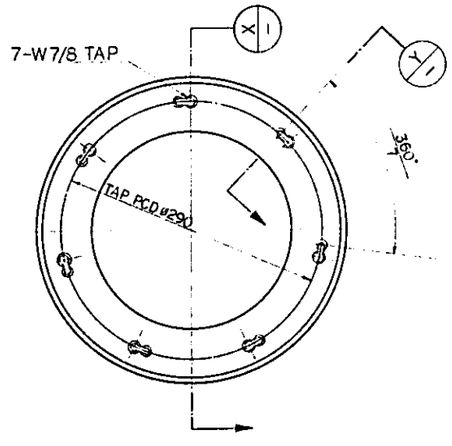
SECTION C

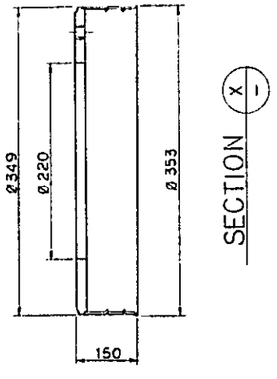


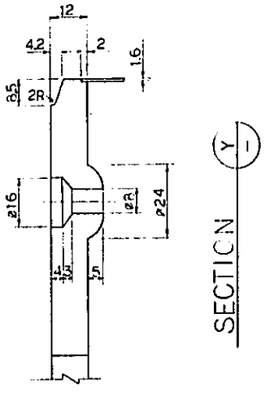
PILE HEAD

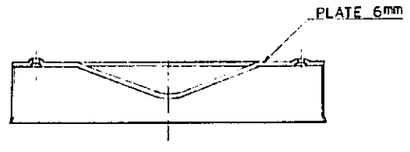


P.C. PILE CLASS A









SECTION A

SHOE

NOTE:

ALL DIMENSIONS ARE SHOWN IN MILLIMETERS UNLESS OTHERWISE INDICATED.

REPUBLIC OF INDONESIA
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DIRECTORATE GENERAL OF LAND TRANSPORT AND INLAND WATERWAYS

NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

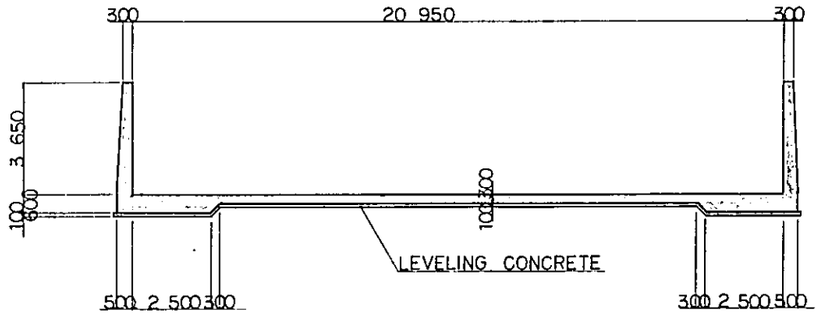
REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
A	1 AUG. 84	K.J	K.S.	K.K.	K.M	K.

DETAILS OF PRESTRESSED CONCRETE PILES (SHEET 2 OF 2)

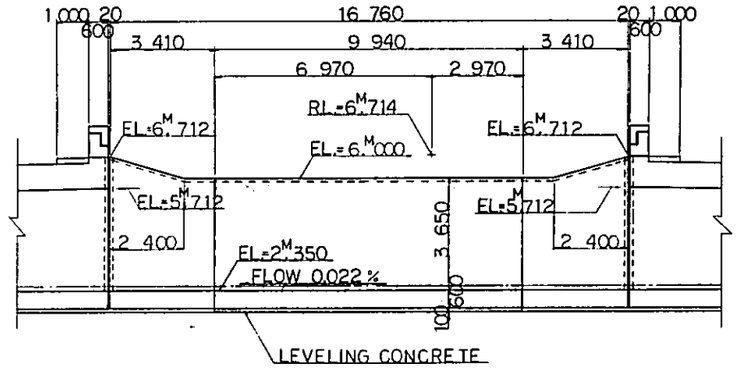
PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE: NOT IN SCALE

DRAWING NO.: CS - 291



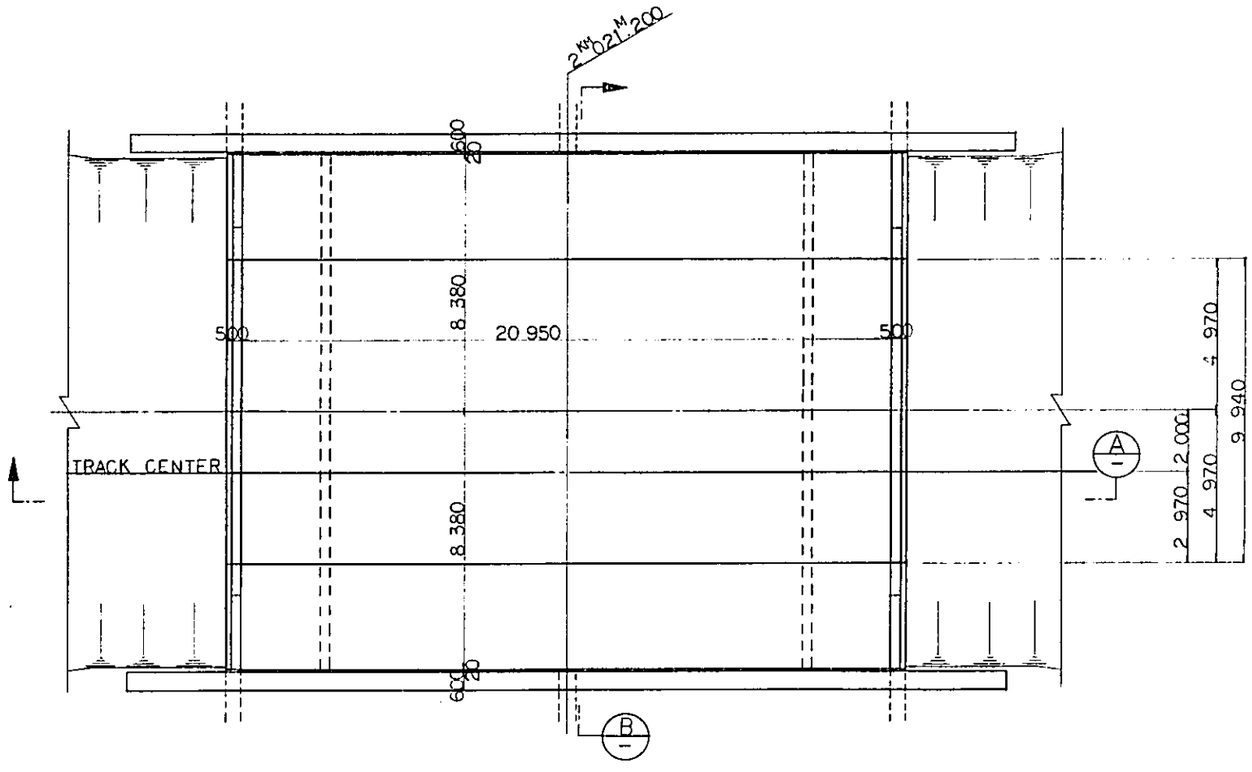
SECTION (A)



SECTION (B)

NOTE :

1. ALL DIMENSIONS ARE SHOWN IN MILLIMETERS UNLESS OTHERWISE INDICATED



PLAN

REPUBLIC OF INDONESIA
MINISTRY OF COMMUNICATIONS
DIRECTORATE GENERAL OF LAND TRANSPORT AND INLAND WATERWAYS

NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

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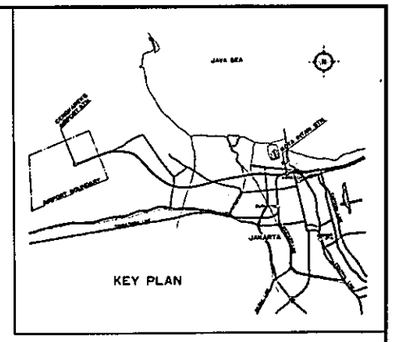
B	1 AUG.'84	K.I	M.Y	K.I	K.M	K.K
A	15 FEB.'84	K.I	M.Y	K.I	K.M	K.K

DEMOLITION OF U SHAPED REINFORCED CONCRETE DITCH AT STA. 2 KM 021 M 200

PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE

DRAWING NO: CS-292



JIA - CENGKARENG AIR PORT TERMINAL Stn
0km 000m

ROAD C2

ROAD C1

GREEN ZONE

BUS PARKING LOT

TERMINAL BUILDING

U=13076.614
T=-14857.364
U=13072.898
T=-14855.882
U=13069.183
T=-14854.400

PLATFORM

BOOKING OFFICE (B)

BOOKING OFFICE (A)

L=210m

L=314m

SIGNAL STATION TYPE A

DUMP YARD

MATCH LINE
0km 210m

U=13154.422
T=-14662.311
U=13159.910
T=-14648.351
U=13164.907
T=-14636.026
U=13168.720
T=-14623.285
U=13173.173
T=-14608.962
U=13178.977
T=-14589.960
U=13189.230
T=-14564.257
U=13194.718
T=-14550.297
U=13199.715
T=-14537.972
U=13203.528
T=-14525.231
U=13207.982
T=-14510.908
U=13213.785
T=-14491.906

R=500
12m
3
R=500
12m
4

FOR JATINEGARA

R = 500m
IA = 4°45'49"
TL = 28m30
CL = 56m57
T.CL = 15m

R = 500m
IA = 4°45'49"
TL = 28m30
CL = 56m57
T.CL = 15m

NOTE:
ALL DIMENSIONS ARE SHOWN IN METERS UNLESS OTHERWISE INDICATED.

REPUBLIC OF INDONESIA
MINISTRY OF COMMUNICATIONS
DIRECTORATE GENERAL OF LAND TRANSPORT AND INLAND WATERWAYS

NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

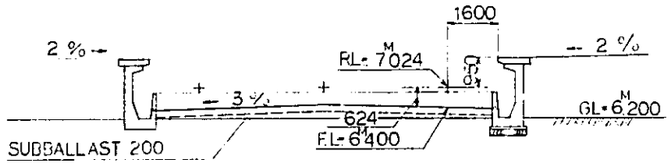
REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1. Aug. '94					
A	15. Feb. '94					

PLAN OF JIAC

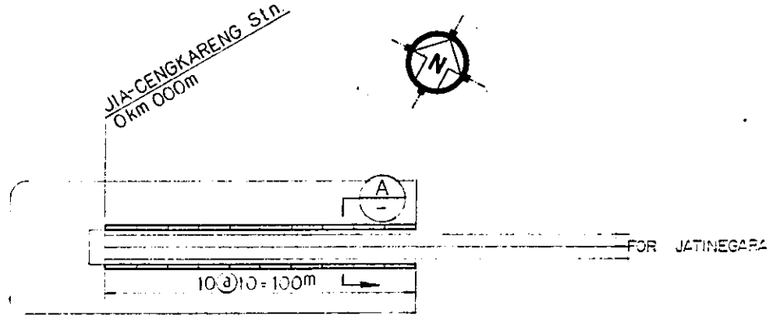
PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE 1:500

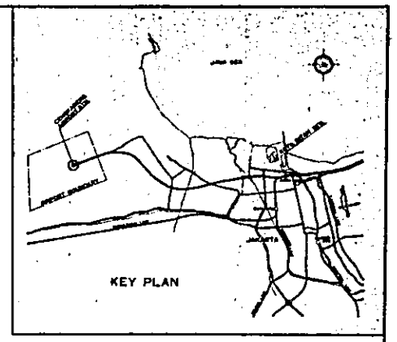
DRAWING NO: CA-001



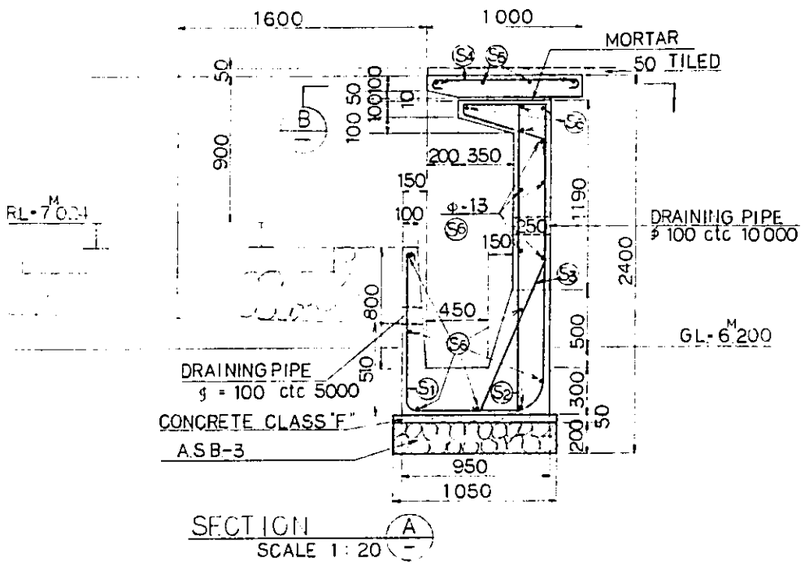
SECTION A
SCALE 1 : 100



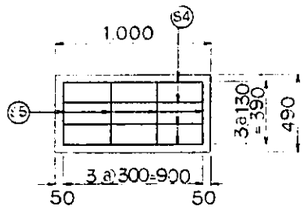
PLAN
SCALE 1:1000



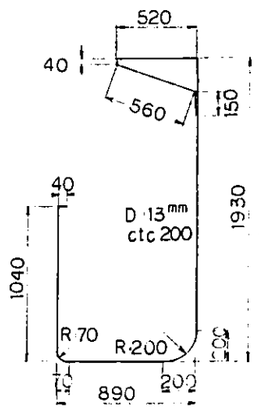
NOTE:
ALL DIMENSIONS ARE SHOWN IN MILLIMETERS UNLESS OTHERWISE INDICATED.



SECTION A
SCALE 1 : 20

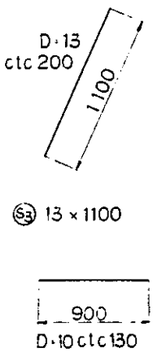


PLAN B
SCALE 1 : 20

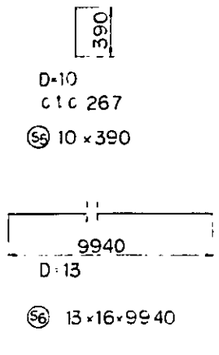


S1 13×5054

S2 13×1930



S3 13×1100
S4 10×900



S5 10×390
S6 13×16×9940

BAR SCHEDULE
PASSENGER PLATFORM RETAINING WALL

REINF. NO.	DIA mm	LENGTH mm	NUMBER	UWEIGHT kg/m	WEIGHT kg	REMARKS
S1	13	5 054	50	0.995	251.4	10 m
S2	13	1 930	25	"	48.0	"
S3	13	1 100	50	"	54.7	"
S4	9	800	80	0.560	35.8	"
S5	9	390	80	"	17.5	"
S6	13	9 940	16	0.995	158.2	"
TOTAL					5656	

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NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1 Aug. '84	J.J	J.J	I.M	K.M.	M.K
A	16 Feb. '84	J.J.	J.J.	K.S	K.M.	M.K

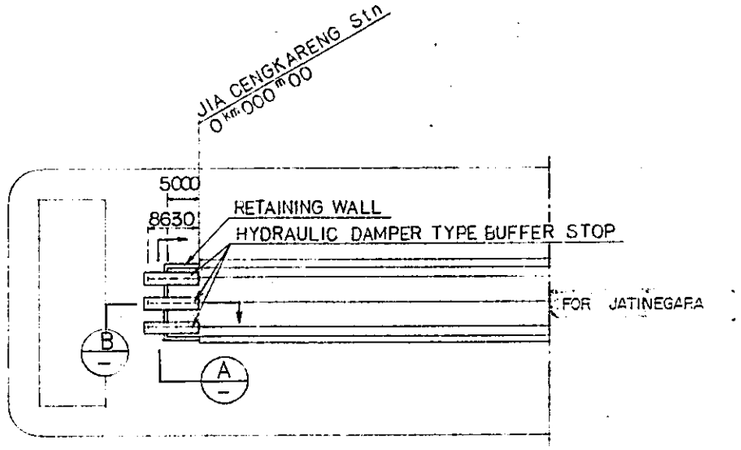
PLATFORM WALL
GENERAL VIEW
AND
BAR ARRANGEMENT

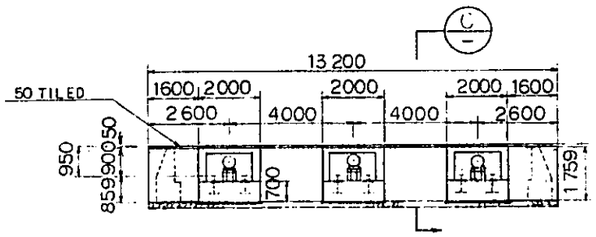
PACKAGE: I CIVIL AND ARCHITECTURAL WORK

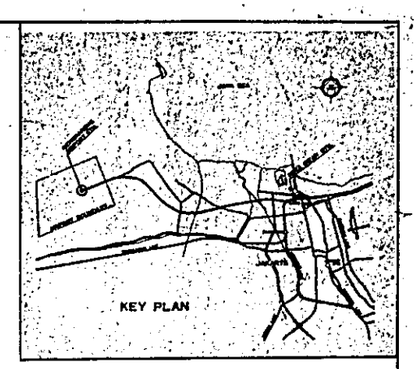
SCALE: AS NOTED

DRAWING NO.: CA - 002

HYDRAULIC TRAIN STOPPER CONCRETE STRUCTURE

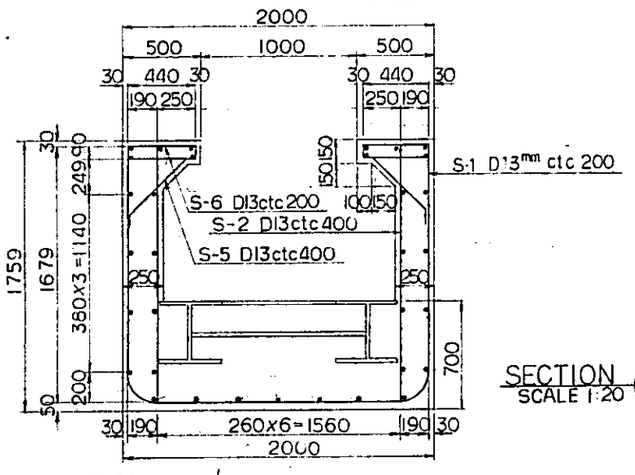


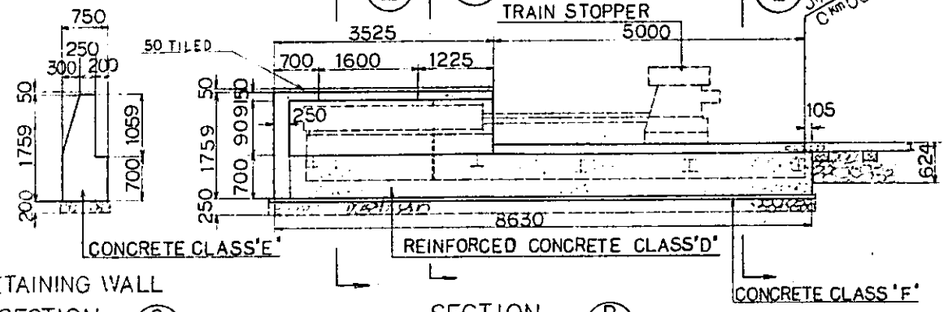




NOTE:
ALL DIMENSIONS ARE SHOWN IN MILLIMETERS UNLESS OTHERWISE INDICATED.

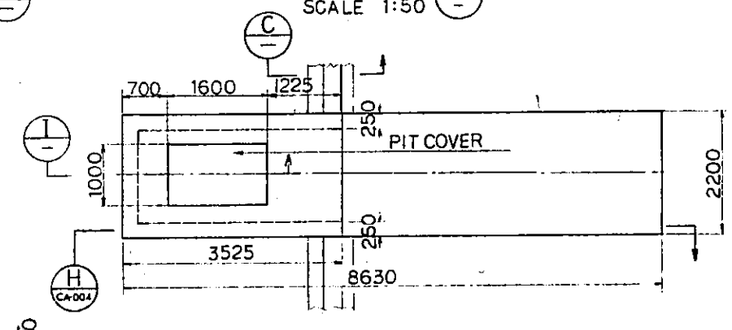
PLAN
SCALE 1:500



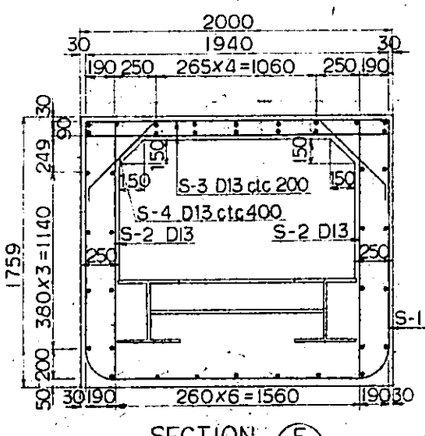


RETAINING WALL
SECTION C
SCALE 1:50

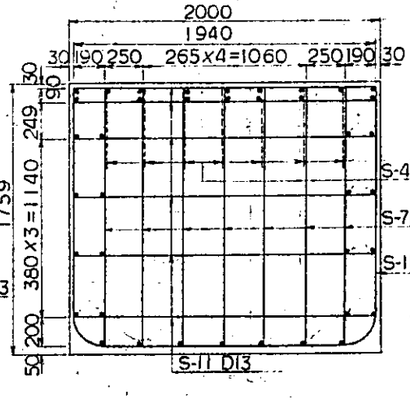
SECTION B
SCALE 1:50



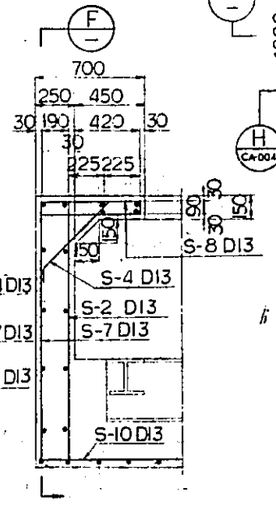
SECTION D
SCALE 1:20



SECTION E
SCALE 1:20

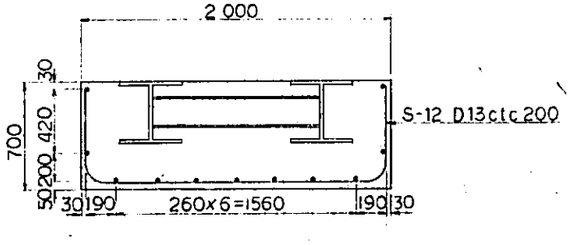


SECTION F
SCALE 1:20



SECTION I
SCALE 1:20

PLAN
SCALE 1:50



SECTION G
SCALE 1:20

REPUBLIC OF INDONESIA
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DIRECTORATE GENERAL OF LAND TRANSPORT AND INLAND WATERWAYS

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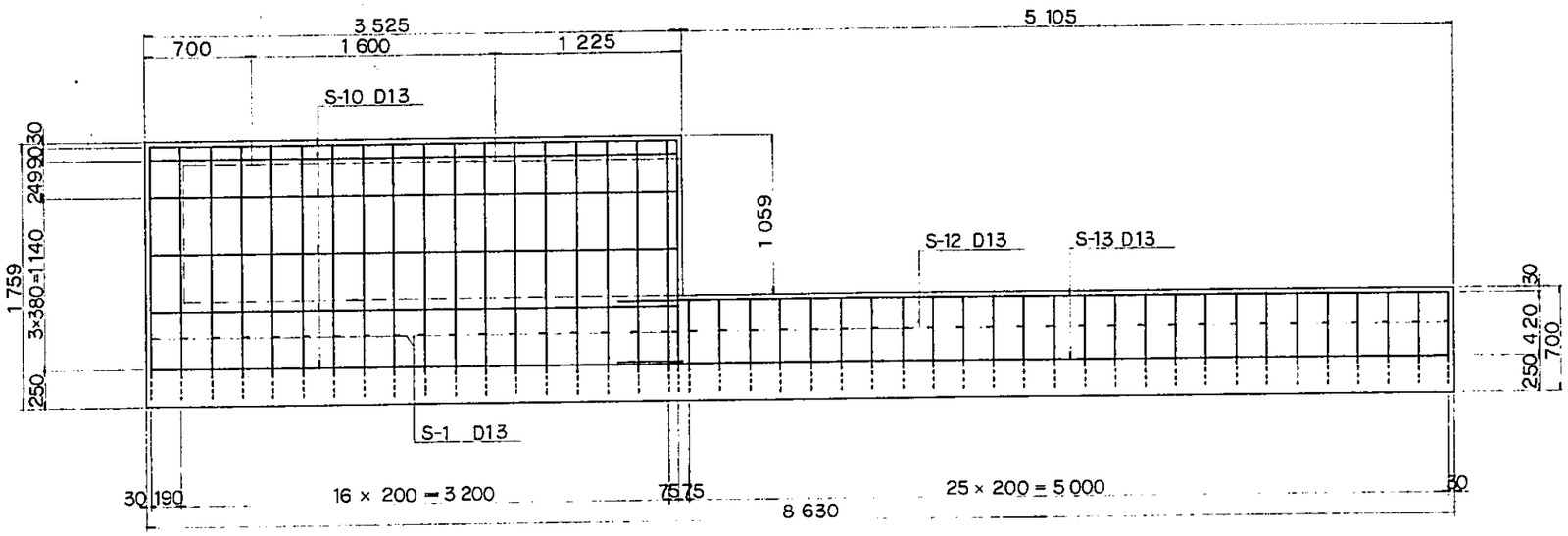
B	1. Aug. 94	J.J.	J.J.	I.M	K.M	K.K
A	15. Feb 94	J.J.	J.J.	K.J	K.M	K.K

CONCRETE STRUCTURE FOR HYDRAULIC DAMPER TYPE BUFFER STOP
(SHEET 1 OF 2)

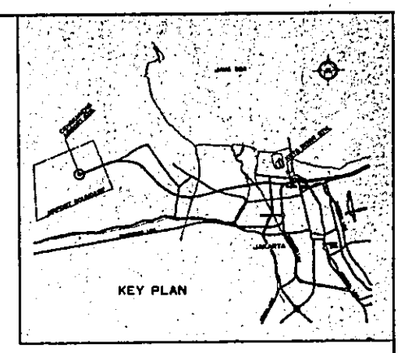
PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE: AS NOTED

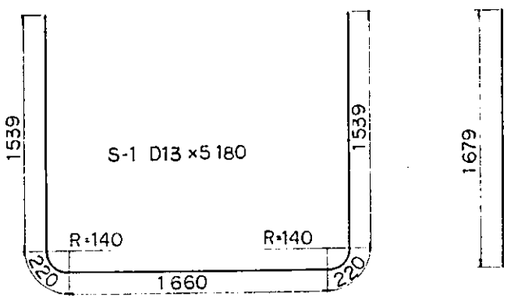
DRAWING NO: C A - 003

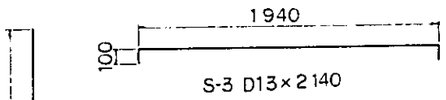


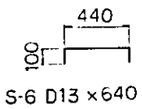
SECTION (H) (CA 003)
SCALE 1:20

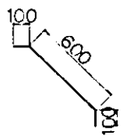


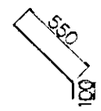
NOTE:
ALL DIMENSIONS ARE SHOWN IN MILLIMETERS UNLESS OTHERWISE INDICATED.

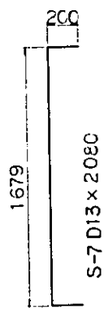


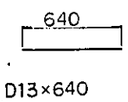


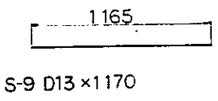


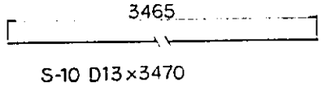


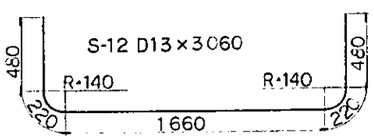


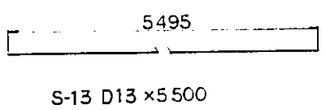


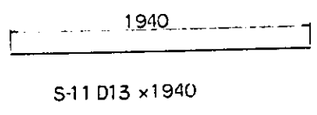












BAR SCHEDULE (PER EACH)

REINF. NO	DIA. mm	LENGTH mm	NUMBER	U.WEIGHT kg/m	WEIGHT kg	REMARKS
S 1	D13	5180	19	0.995	97.9	
2	"	1680	26	"	43.5	
3	"	2 140	20	"	42.6	
4	"	800	12	"	9.6	
5	"	650	8	"	5.2	
6	"	640	32	"	20.4	
7	"	2080	6	"	12.4	
8	"	640	4	"	2.5	
9	"	1 170	4	"	4.7	
10	"	3470	31	"	107.0	
11	"	1940	6	"	11.6	
12	"	3060	26	"	79.2	
13	"	5500	11	"	60.2	
TOTAL					496.8	

CONCRETE CLASS D	14.8	M3
" F	0.9	"
SUBBALLAST	3.6	"

RETAINING WALL (PER METER)

CONCRETE CLASS E	16.2	M3
SUBBALLAST	2.9	

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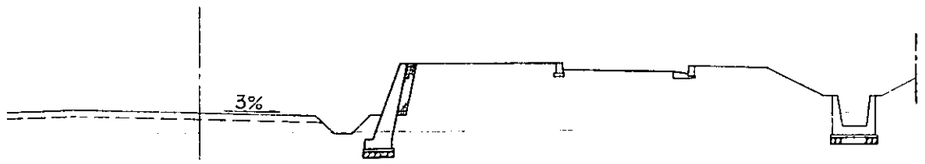
B	1 Aug. '89	J.J	J.J	I.H	K.M	M.K
A	15 Feb '89	J.J	J.J	K.O	K.M	M.K

CONCRETE STRUCTURE FOR HYDRAULIC DAMPER TYPE BUFFER STOP (SHEET 2 OF 2)

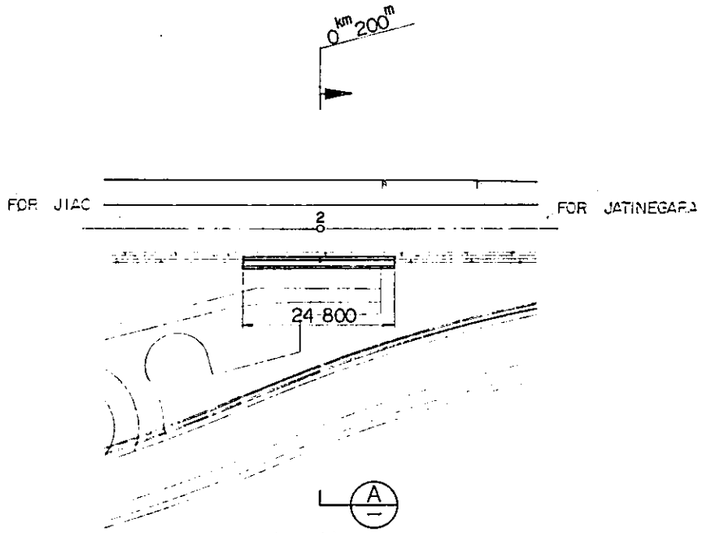
PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE: AS NOTED

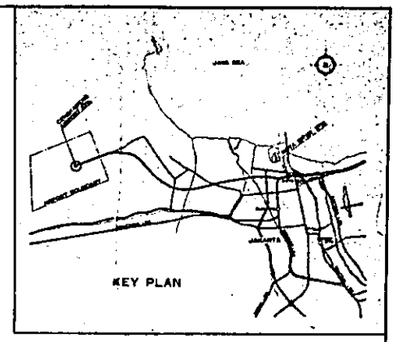
DRAWING NO: CA-004



SECTION A
SCALE 1:100



PLAN
SCALE 1:500



NOTE:
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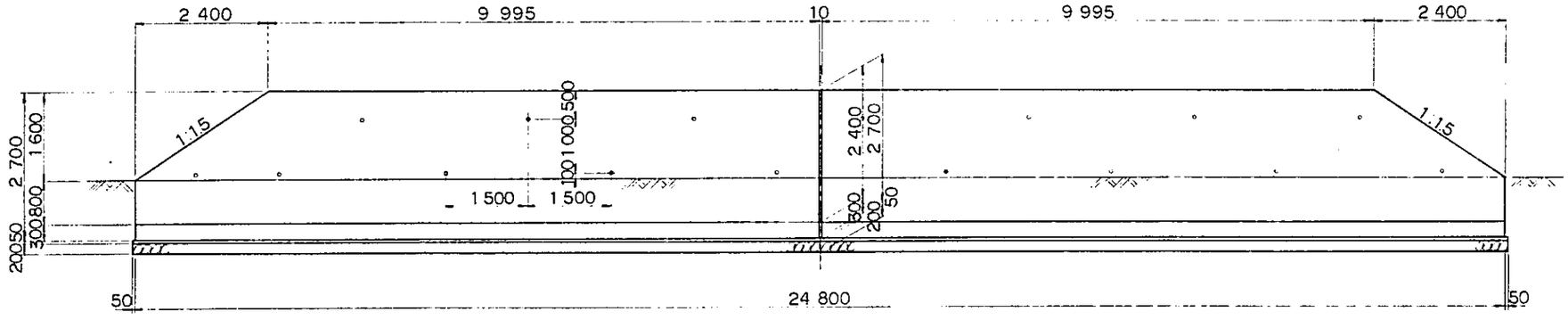
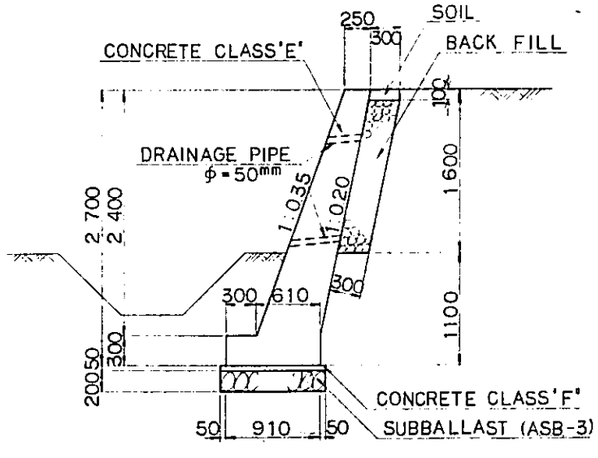


SIDE ELEVATION
SCALE 1:50



SECTION
SCALE 1:30

MATERIAL LIST (PER EACH)

DESCRIPTION	UNIT	QUANTITIES	REMARKS
CONCRETE	M³	33.0	CLASS E
〃	〃	0.8	〃
〃	〃	1.3	F
SUBBALLAST	〃	5.0	ASB-3
BACK FILL	〃	10.4	
DRAINAGE PIPE	M	6.6	φ=50mm

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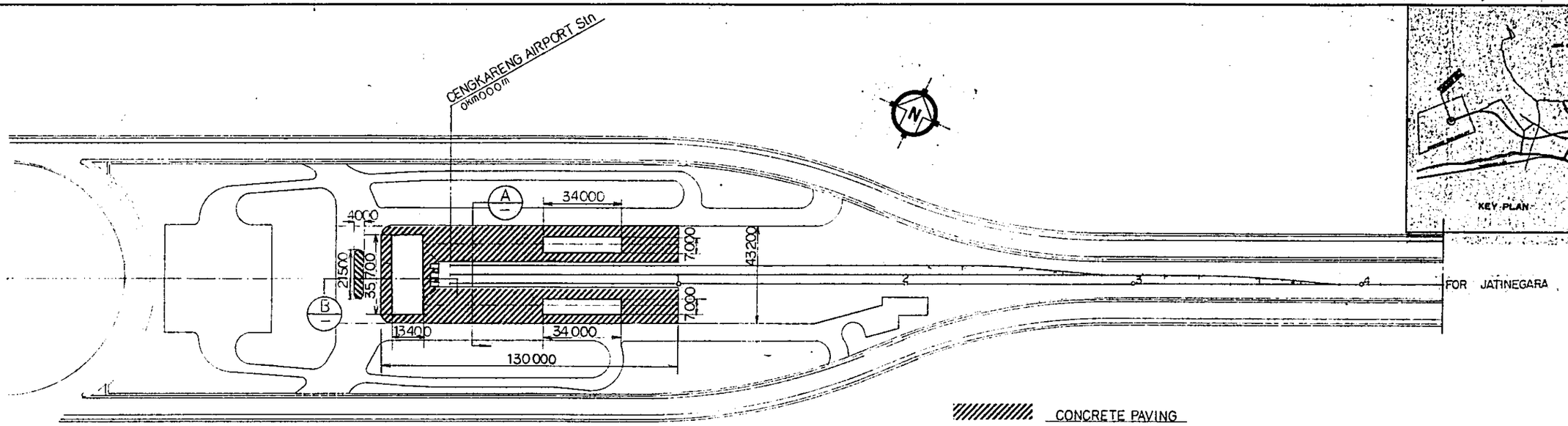
B	1. Aug 94	T.J	T.J	I.H	K.M	A.K
A	16. Feb. 94	T.J	T.J	I.H	K.M	A.K

SEMI-GRAVITY TYPE RETAINING WALL FOR SIGNAL STATION AT STA. 0K 200M

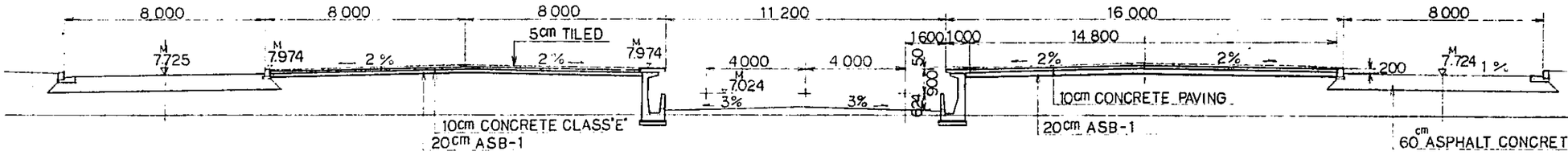
PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE: AS NOTED

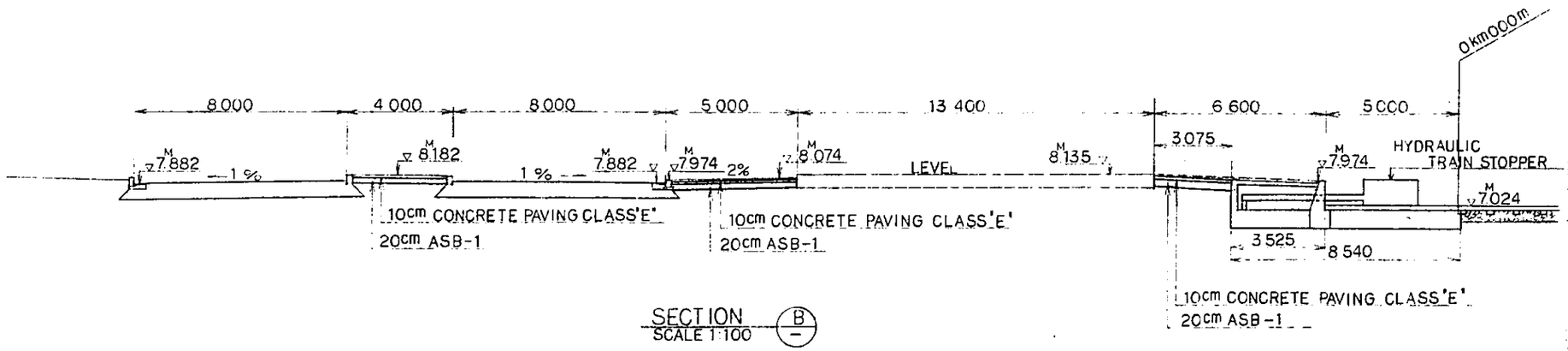
DRAWING NO.: CA-005



PLAN
S-1 : 1000



SECTION A
SCALE 1:100



SECTION B
SCALE 1:100

NOTE:
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B	1 Aug 94	J.T	J.T	I.M	K.M.	A.K
A	13 Feb 94	J.T	J.T	K.S	K.M	A.K

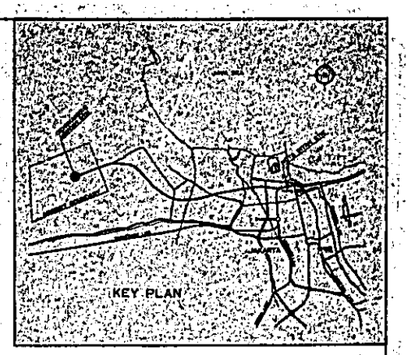
CONCRETE PAVING IN AIRPORT STATION YARD

PACKAGE: 1 CIVIL AND ARCHITECTURAL WORK

SCALE: AS NOTED

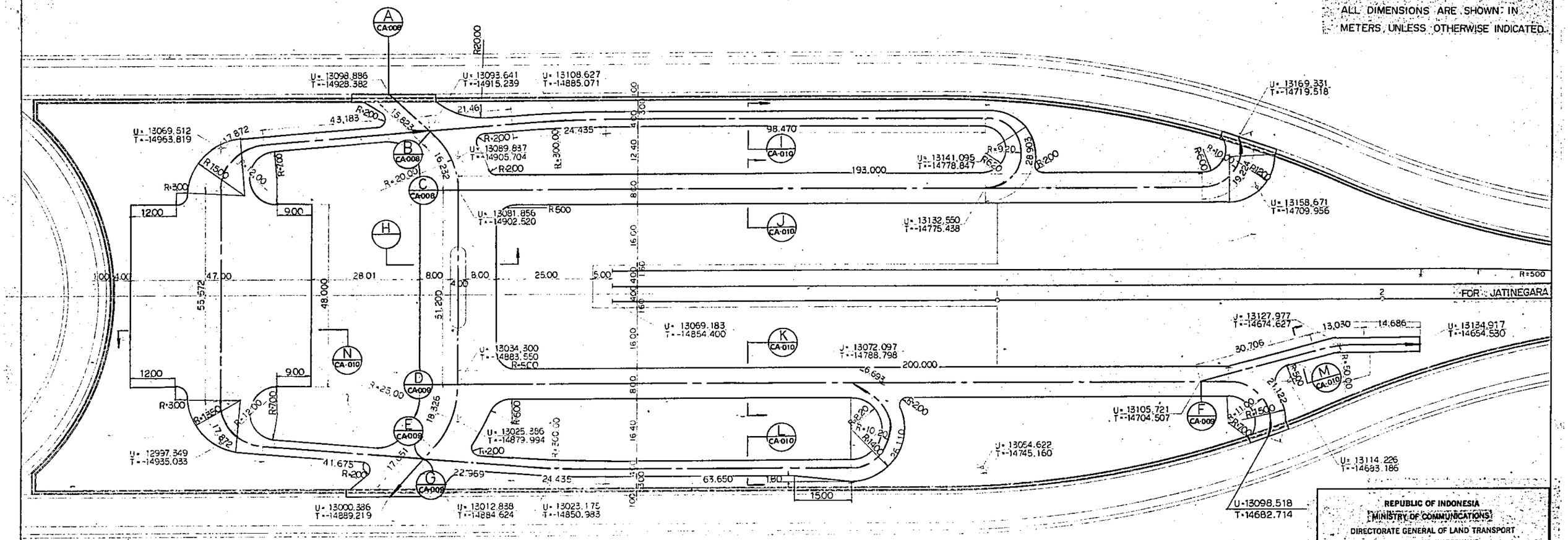
DRAWING NO: CA-006

CENGKARENG AIRPORT STATION



NOTE:

ALL DIMENSIONS ARE SHOWN IN METERS, UNLESS OTHERWISE INDICATED.



ROAD LENGTH

UNIT. m, m²

SECTION	A	B	C	D	E	F	G	TOTAL
LENGTH	118.632	173.269	212.224	221.122	143.857	58.422	176.174	1103.700
ASPHALT PAVING AREA	1724.8	1615.2	1608.1	666.5	485.7	183.0	2986.1	4321.3

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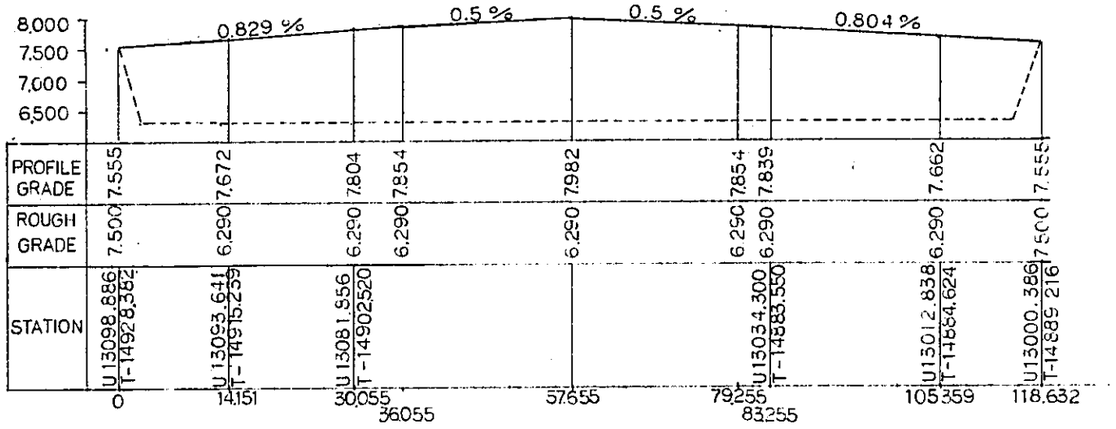
B	1. Aug. 89	F.J	F.J	I.M	K.M.	A.K
A	15. Feb. 89	F.J	F.J	K.I	K.M	A.K

INTERNAL ROADS DETAIL IN AIRPORT STATION AREA

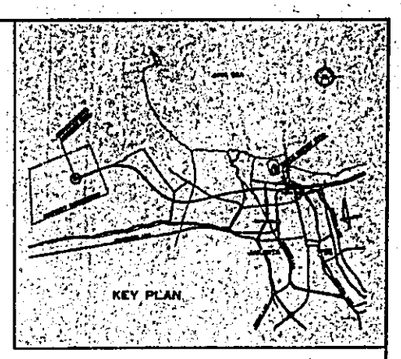
PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE: AS NOTED

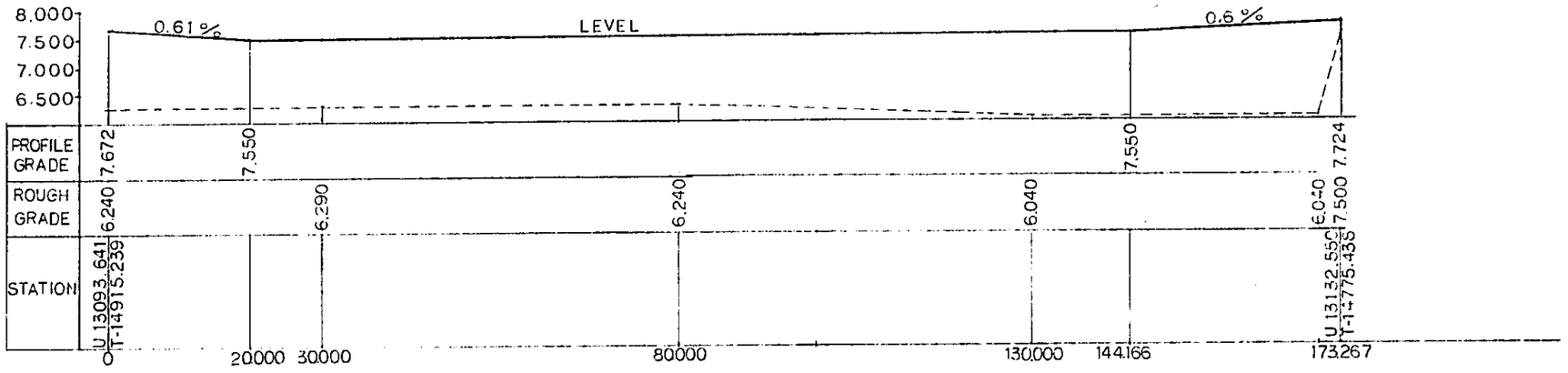
DRAWING NO: CA – 007



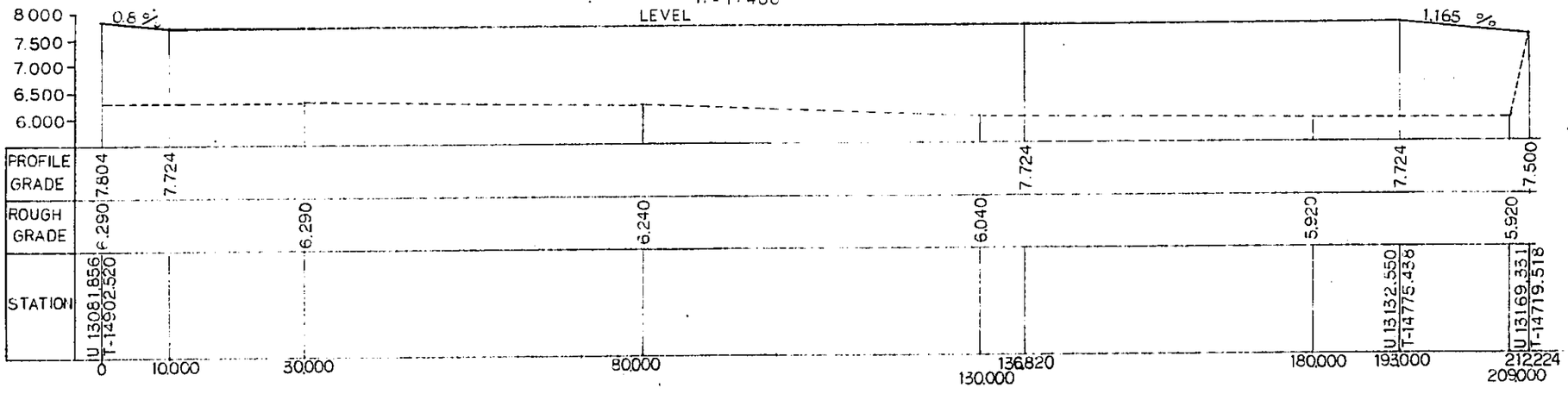
SECTION A (CA007)
SCALE V = 1:50
H = 1:400



NOTE:
ALL DIMENSIONS ARE SHOWN IN METERS UNLESS OTHERWISE INDICATED.



SECTION B (CA007)
SCALE V = 1:50
H = 1:400



SECTION C (CA007)
SCALE V = 1:50
H = 1:400

REPUBLIC OF INDONESIA
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NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

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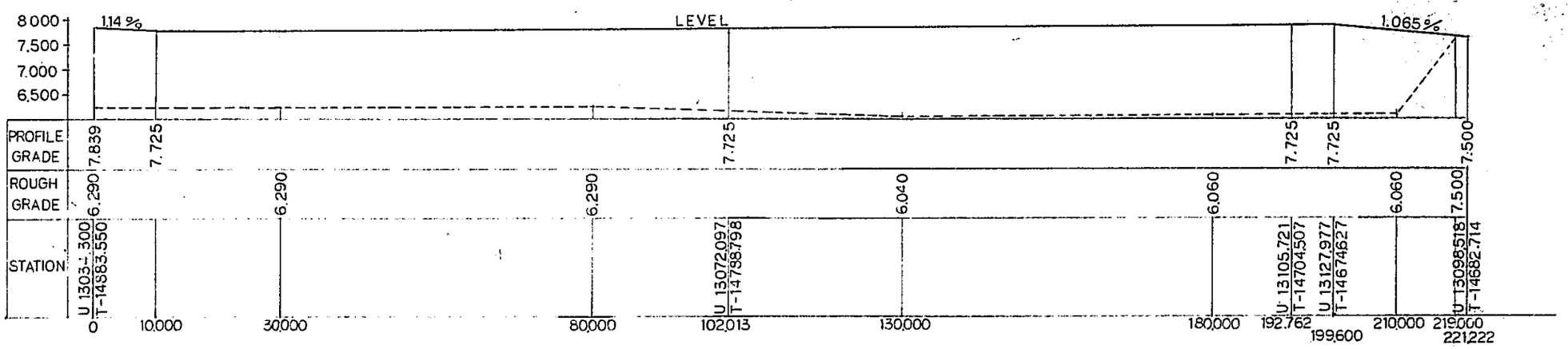
B	1 Nov. 97	J.J	J.J	I.U	K.M	A.K
A	16 Feb. 97	J.J	J.J	K.S	K.M	A.K

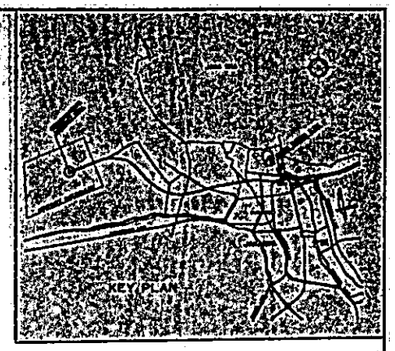
PROFILE OF INTERNAL ROADS (SHEET 1 OF 2)

PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE: AS NOTED

DRAWING NO.: CA - 008





NOTE:
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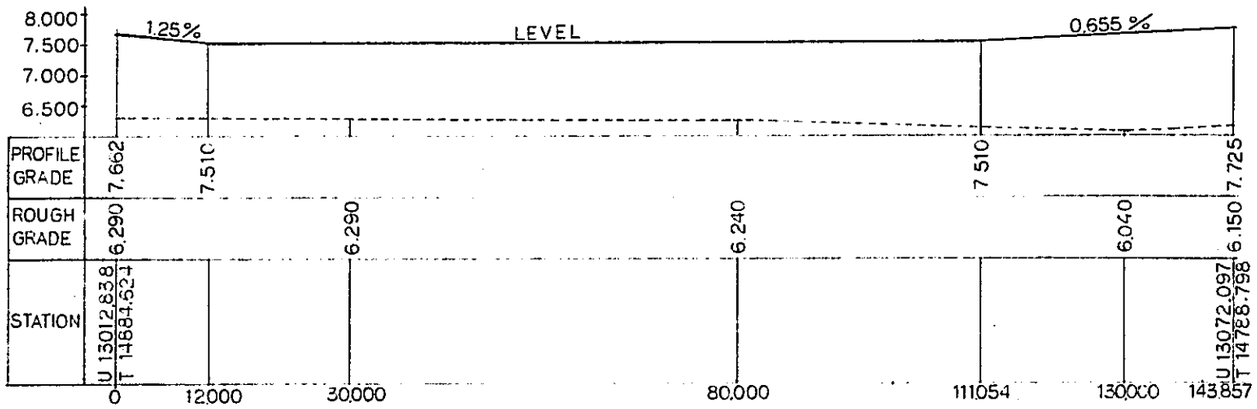
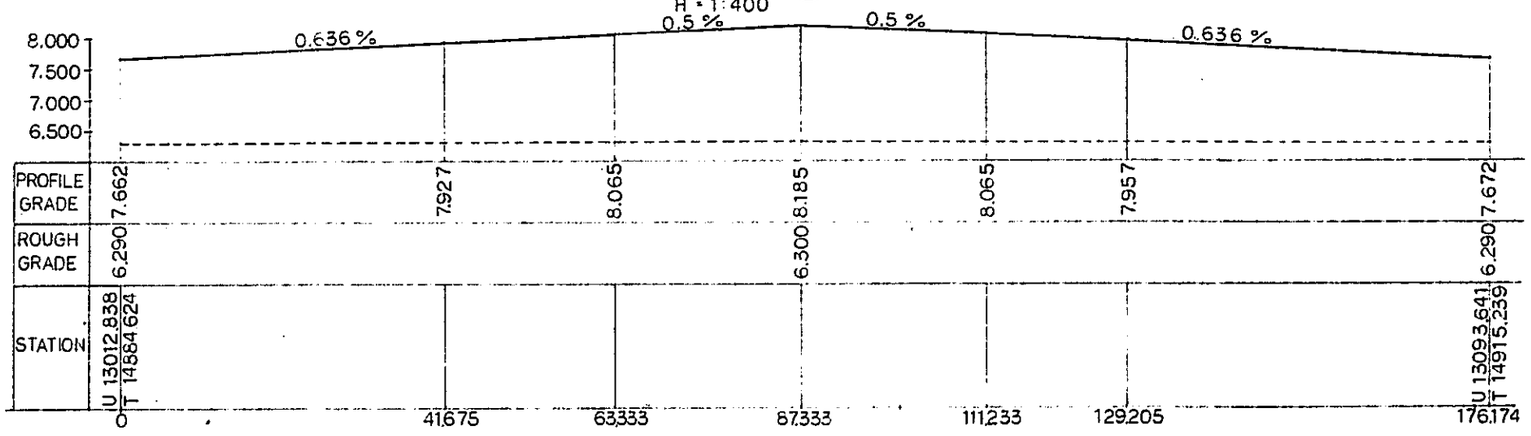
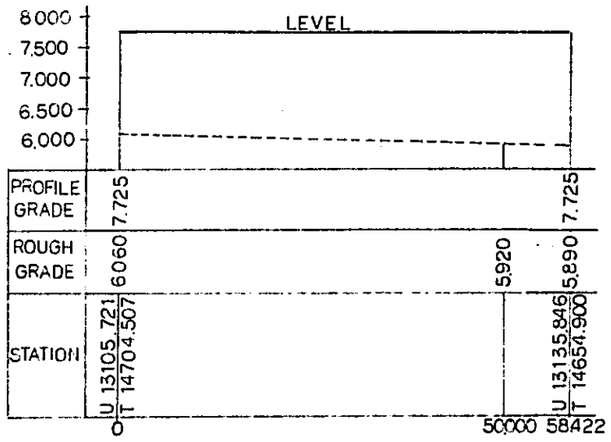
SECTION D
SCALE V = 1:50
H = 1:400
CA-007



SECTION E
SCALE V = 1:50
H = 1:400
CA-007



SECTION F
SCALE V = 1:50
H = 1:400
CA-007



SECTION G
SCALE V = 1:50
H = 1:400
CA-007

REPUBLIC OF INDONESIA
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DIRECTORATE GENERAL OF LAND TRANSPORT AND INLAND WATERWAYS

NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

REVISIONS	DATE	DRAWN	CHECKED	CHECKED	CHECKED	SUBMITTED
B	1 Aug. 84	T.T.	T.T.	I.I.	K.W.	K.K.
A	15 Feb. 84	T.T.	T.T.	K.I.	K.W.	K.K.

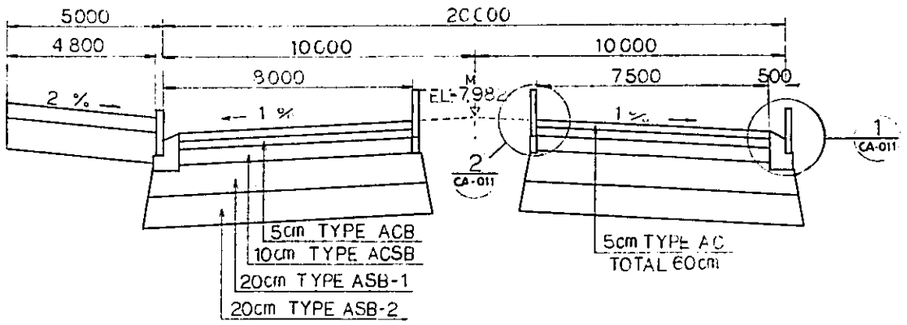
PROFILE OF INTERNAL ROADS (SHEET 2 OF 21)

PACKAGE: 1 CIVIL AND ARCHITECTURAL WORK

SCALE: AS NOTED

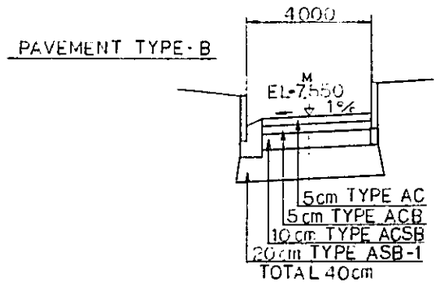
DRAWING NO.: CA-009

PAVEMENT TYPE - A



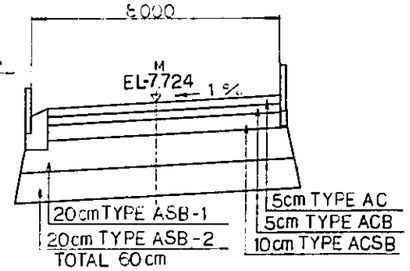
SECTION (H) CA-007
SCALE H=1:100 V=1:20

PAVEMENT TYPE - B



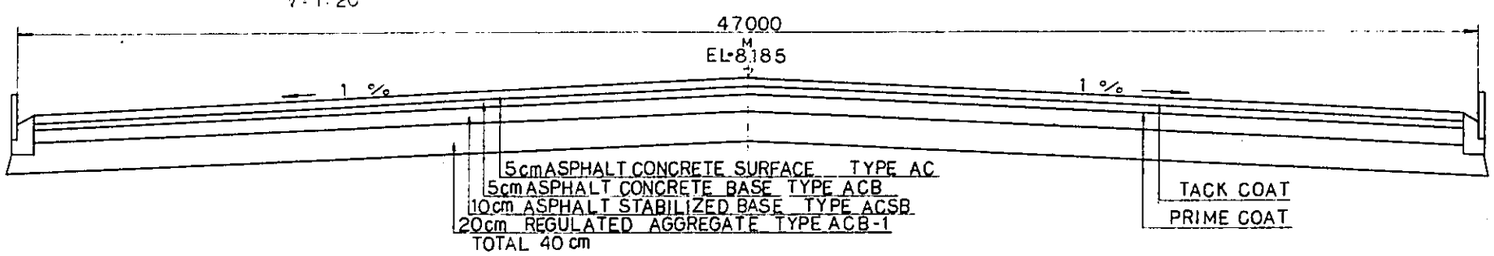
SECTION (I) CA-007
SCALE H=1:100 V=1:20

PAVEMENT TYPE - A



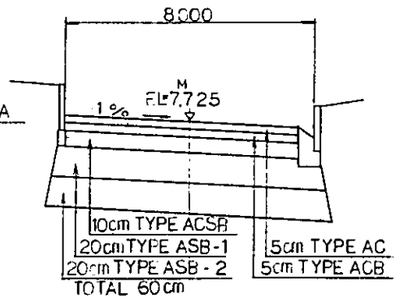
SECTION (J) CA-007
SCALE H=1:100 V=1:20

PAVEMENT TYPE B



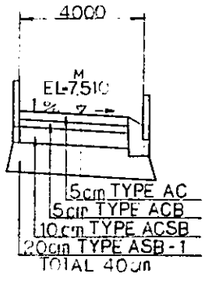
SECTION (N) CA-007
SCALE H=1:100 V=1:20

PAVEMENT TYPE - A



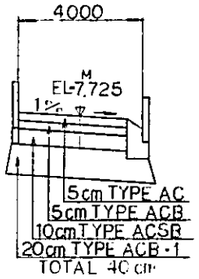
SECTION (K) CA-007
SCALE H=1:100 V=1:20

PAVEMENT TYPE - B

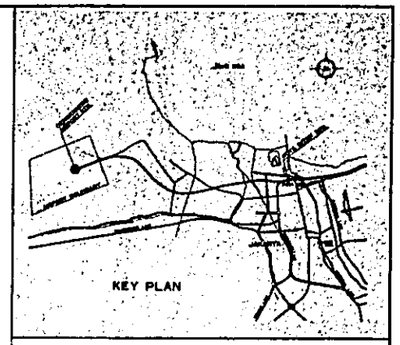


SECTION (L) CA-007
SCALE H 1:100 V 1:20

PAVEMENT TYPE - B



SECTION (M) CA-007
SCALE H=1:100 V=1:20



NOTE:

1. THE PRIME COAT AND THE TACK COAT WILL BE APPLIED ON THE FINISHED SURFACE OF THE ACSB AND THE ACB RESPECTIVELY. FOR THE EACH PAVEMENT TYPE IN ACCORDANCE WITH THE SPECIFICATION.
2. ALL DIMENSIONS ARE SHOWN IN MILLIMETERS UNLESS OTHERWISE INDICATED.

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JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

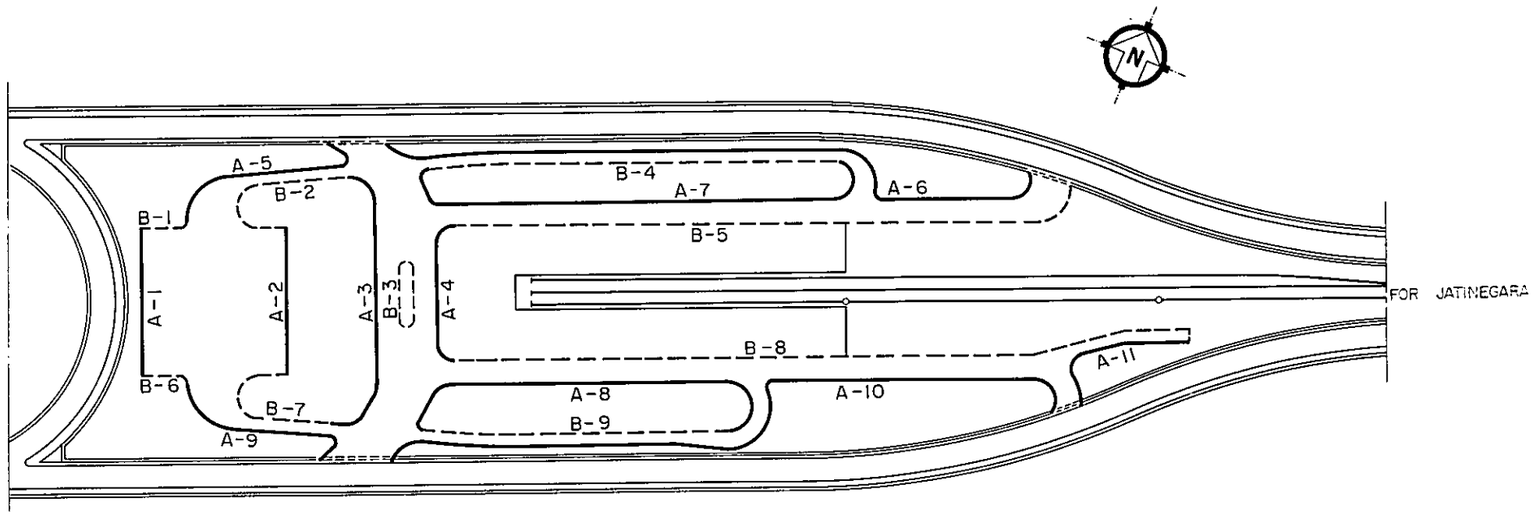
REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1. Aug. 94	J.J	J.J	I.H	K.M	
A	15. Feb. 94	J.J	J.J	K.I	K.M	

CROSS SECTIONS OF INTERNAL ROADS

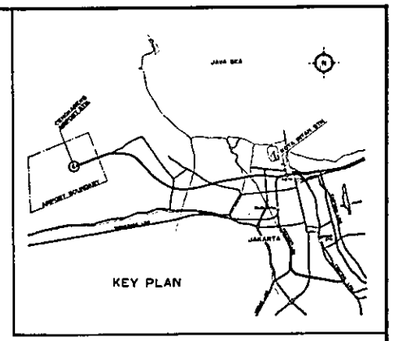
PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE: AS NOTED

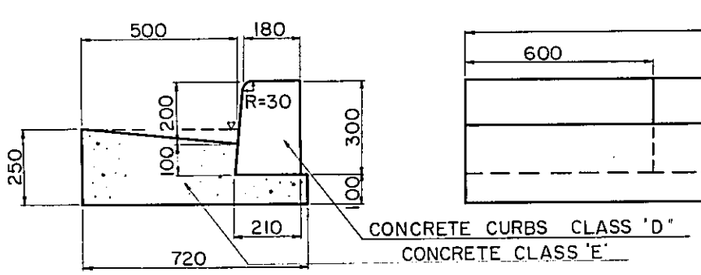
DRAWING NO: CA - 010



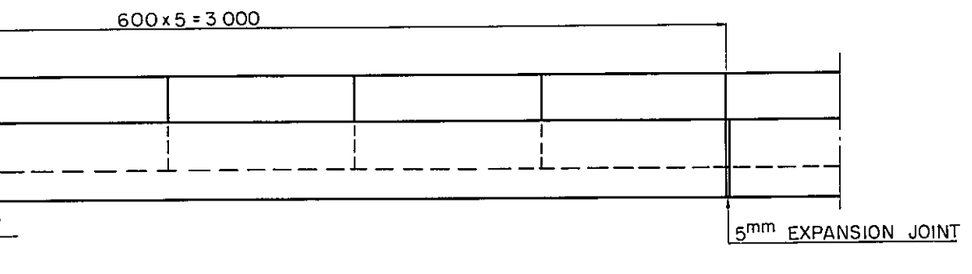
PLAN
SCALE 1:1000

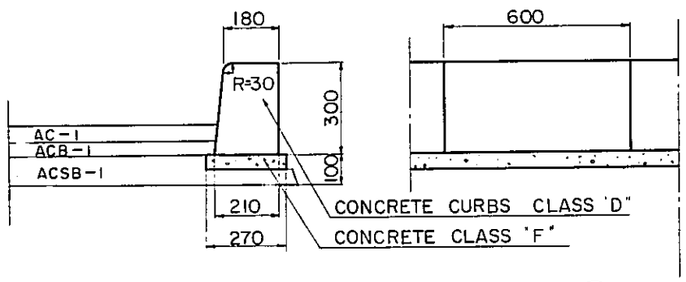


NOTE:
ALL DIMENSIONS ARE SHOWN IN MILLIMETERS UNLESS OTHERWISE INDICATED.



TYPE A (1 / CA 010)
SCALE 1:10





TYPE B (2 / CA 010)
SCALE 1:10

TYPE A / TYPE B

LINE. NO.	LENGTH	LINE. NO	LENGTH
A 1	48.00	B 1	12.00
A 2	48.00	B 2	59.39
A 3	93.23	B 3	46.57
A 4	48.91	B 4	129.20
A 5	68.78	B 5	204.35
A 6	221.88	B 6	12.00
A 7	158.87	B 7	56.39
A 8	133.88	B 8	240.50
A 9	65.06	B 9	96.50
A 10	226.88		
A 11	50.90		
A. TOTAL	1164.39	B. TOTAL	856.90
TOTAL	2021.29		

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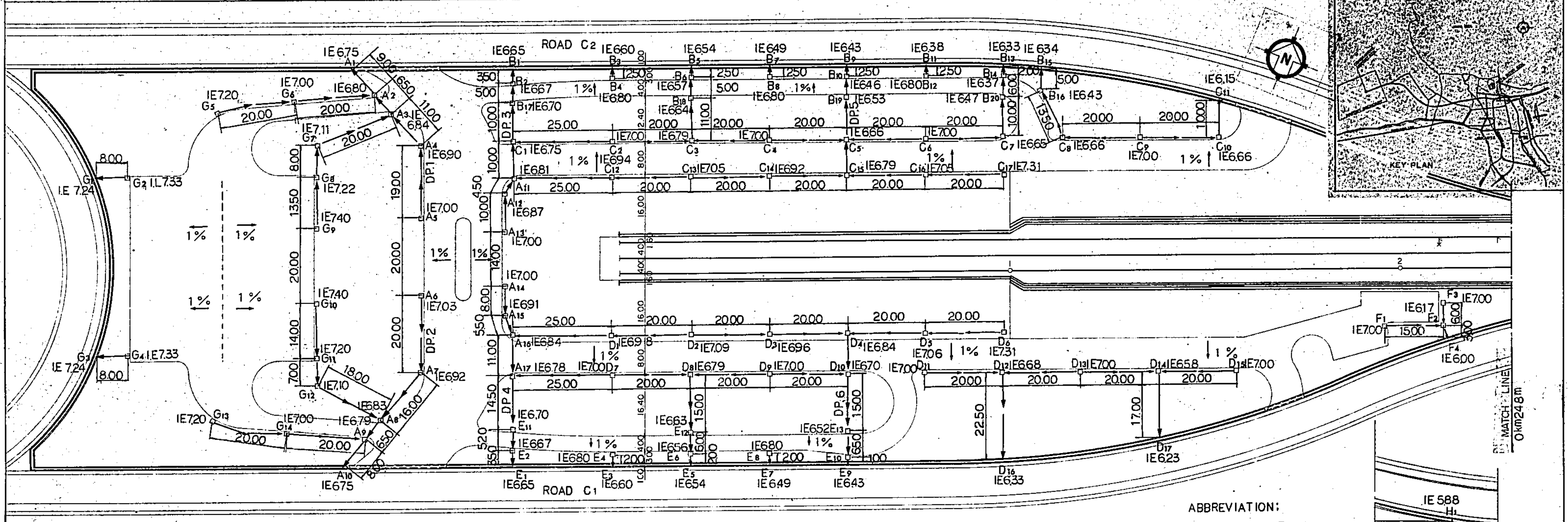
REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1. Aug '84	J J	J.J	I M	K.M	M.K
A	15. Feb '84	J J	J J	K.U	K.M	M.K

ALLOCATION AND DETAIL OF CONCRETE CURBING

PACKAGE: I CIVIL AND ARCHITECTURAL WORK

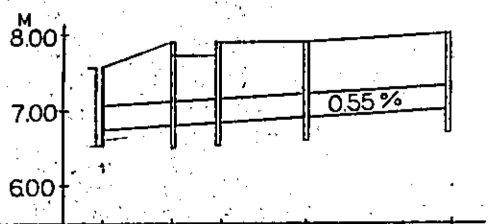
SCALE: AS NOTED

DRAWING NO: CA - 011



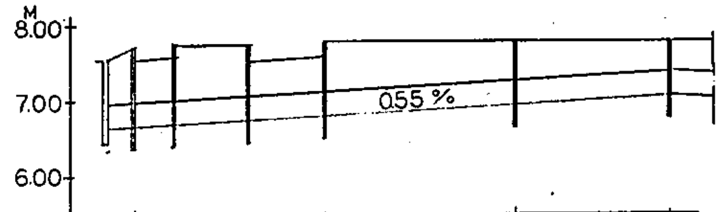
PLAN SCALE 1:500

ABBREVIATION:
IE---INVERT ELEVATION



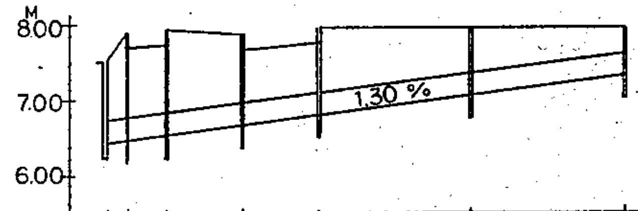
PROFILE GRADE	7.56	7.71	7.71	7.91	7.83
INVERT ELEVATION	6.75	6.80	6.84	6.90	7.00
DISTANCE	0 A1	9 A2	15.5 A3	26.5 A4	45.5 A5

DP.1



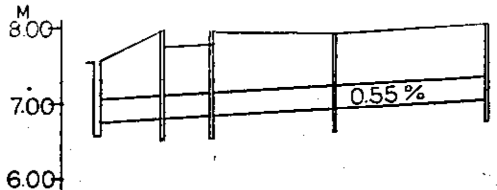
PROFILE GRADE	7.54	7.54	7.58	7.51	7.59	7.79	7.79
INVERT ELEVATION	6.65	6.67	6.70	6.75	6.81	6.94	7.05
DISTANCE	0 B1	3.5 B2	8.5 B17	18.5 C1	28.5 A11	53.5 C12	73.5 C13

DP 3



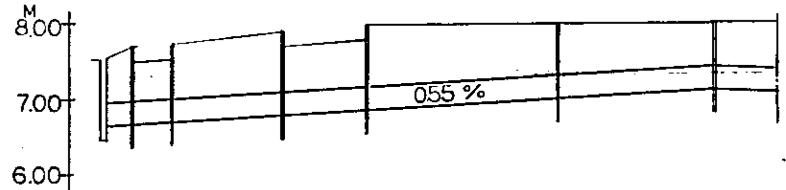
PROFILE GRADE	7.51	7.70	7.74	7.68	7.76	7.96	7.96
INVERT ELEVATION	6.43	6.46	6.53	6.66	6.79	7.05	7.31
DISTANCE	0 B9	2.5 B10	7.5 B19	17.5 C5	27.5 C15	47.5 C16	67.5 C17

DP. 5



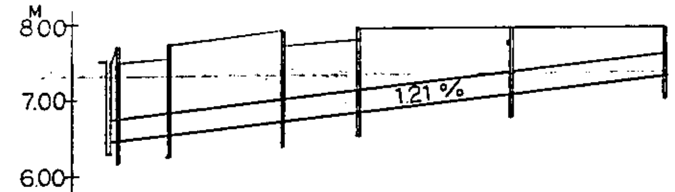
PROFILE GRADE	7.56	7.73	7.77	7.90	8.03
INVERT ELEVATION	6.75	6.79	6.83	6.92	7.03
DISTANCE	0 A10	8 A9	14.5 A8	30.5 A7	50.5 A6

DP. 2



PROFILE GRADE	7.54	7.49	7.53	7.69	7.77	7.97	7.97
INVERT ELEVATION	6.65	6.67	6.70	6.78	6.84	6.98	7.09
DISTANCE	0 E1	3.5 E2	8.7 E11	23.2 A17	34.2 A16	59.2 D1	79.2 D2

DP.4 SCALE H 1:500 V 1:50



PROFILE GRADE	7.51	7.48	7.53	7.69	7.77	7.97	7.97
INVERT ELEVATION	6.43	6.44	6.52	6.70	6.82	7.06	7.31
DISTANCE	0 E9	1 E10	7.5 E13	22.5 D10	32.5 D4	52.5 D5	72.5 D6

DP.6

NOTE:
ALL DIMENSIONS ARE SHOWN IN METERS UNLESS OTHERWISE INDICATED.

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NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

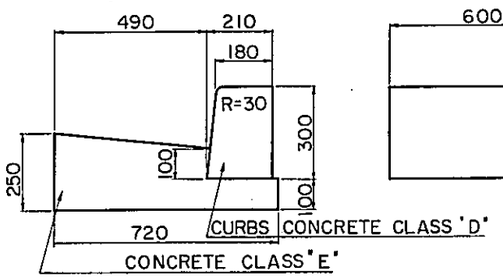
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

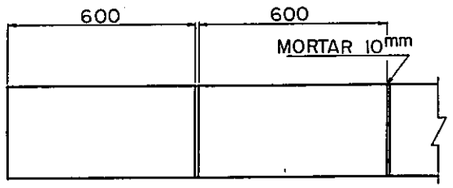
REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1. Aug. '89	T.T	T.T	I.M	K.M.	M.K
A	15. Feb. '89	T.T	T.T	K.I	K.M	M.K

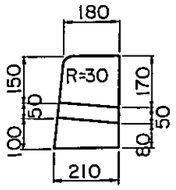
ALLOCATION AND PROFILE OF DRAINAGE PIPES

PACKAGE: I CIVIL AND ARCHITECTURAL WORK

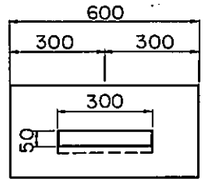
SCALE: AS NOTED
DRAWING NO.: CA-012







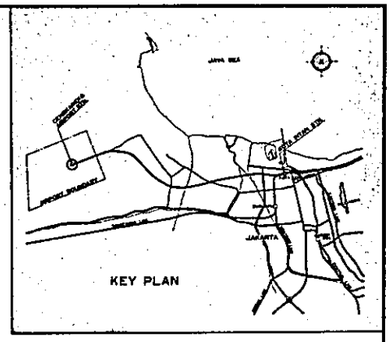
TYPE A
CONCRETE VOLUME 0.035 m³/NO.

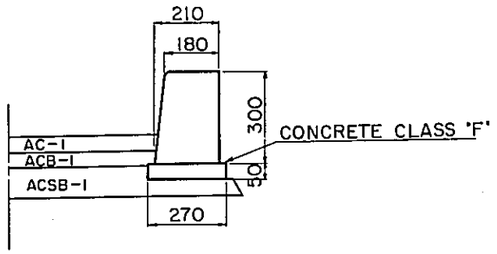


TYPE C
CONCRETE VOLUME 0.032 m³/NO.

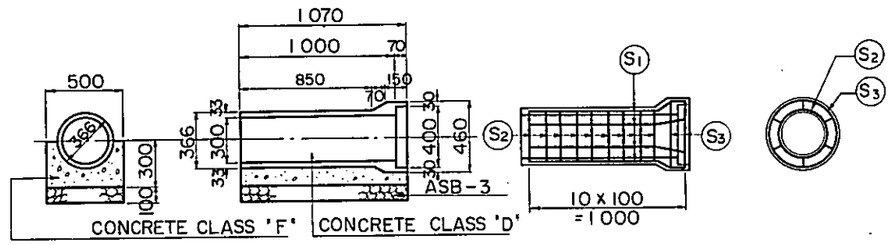
MATERIAL SCHEDULE

TYPE	CONCRETE CLASS	UNIT	QUANTITY	REMARKS
A	D	m	0.058	PER METER
	E	'	0.133	
	TOTAL	'	0.192	
C	D	'	0.032	PER 0.6 METER
	E	'	0.080	
	TOTAL	'	0.112	
B	D	'	0.058	PER METER
	F	'	0.014	
	TOTAL		0.072	





TYPE B (2/—)
SCALE 1:10



SECTION (B/—)
SCALE 1:20

DETAILS OF REINFORCED CONCRETE PIPE
SCALE 1:20

REINFORCED CONCRETE PIPE SCHEDULE

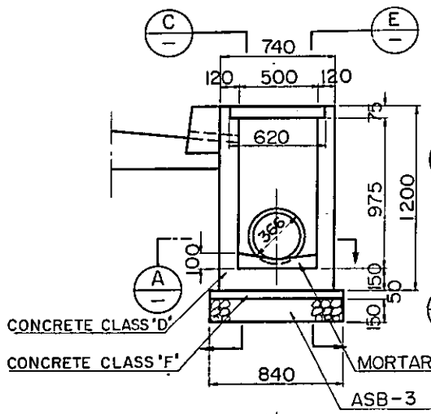
REINF. NO.	DIA mm	LENGTH mm	NUMBER	U. WEIGHT m/kg	WEIGHT kg	REMARKS
S1	4	1 017	6	10.1	0.604	
S2	3.2	1 146	9	15.8	0.653	
S3	3.2	1 451	2	15.8	0.184	
TOTAL					1.441	
CONCRETE VOLUME					0.078 m³	

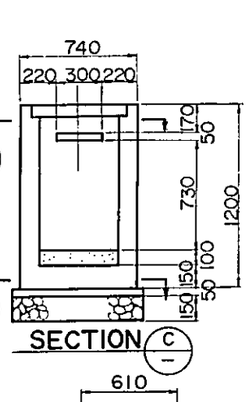
NOTE;
TYPE C WILL BE USED ONLY AT LOCATIONS CONNECTING TO CATCH BASINS CONCRETE CURBS, REINFORCED CONCRETE PIPES, AND UTILITY CHASE COVERS SHALL BE OF PLANT PRECAST PRODUCTS.

ALL DIMENSIONS ARE SHOWN IN MILLIMETERS UNLESS OTHERWISE INDICATED.

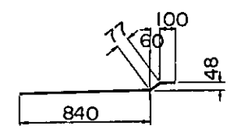
BAR SCHEDULE PER EACH CATCH BASIN

REINF. NO.	DIA. mm	LENGTH mm	NUMBER	U.WEIGHT kg/m	WEIGHT kg	REMARKS
A1	10	2140	1	0.560	0.560	
A2	'	710	3	'	1.193	
A3	'	1.030	6	'	3.461	
A4	'	840	2	'	0.941	
A5	'	530	4	'	1.187	
A6	'	840	2	'	0.941	
A7	'	2.760	4	'	6.182	
A8	'	900	2	'	1.008	
A9	'	840	2	'	0.941	
A10	'	200	2	'	0.224	
A11	'	1.614	2	'	1.808	
A12	'	640	2	'	0.717	
TOTAL					19.163	
CONCRETE VOLUME					0.33 m³	





SECTION (C/—)



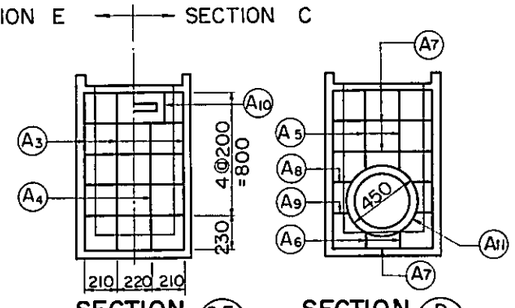
(S1) 4.0 x 1017

(S2) 3.2 x 1 146

(S3) 3.2 x 1451

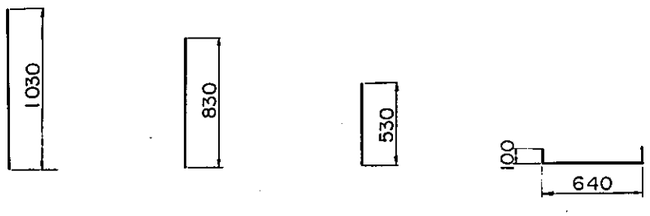
(A11) D10 x 1614

SECTION E — SECTION C

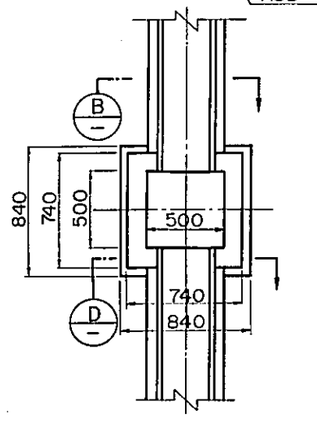


SECTION (C,E/—)
SCALE 1:20

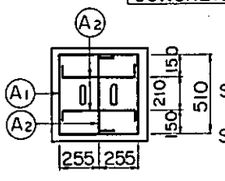
SECTION (D/—)
SCALE 1:20



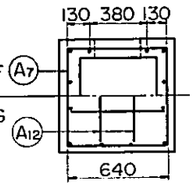
(A3) D10 x 1030 (A4) D10 x 830 (A5) D10 x 530 (A6) D10 x 840



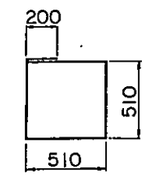
SECTION (A/—)
SCALE 1:20



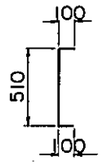
DETAILS OF COVER



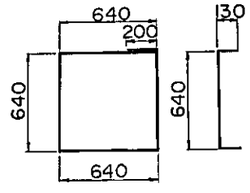
SECTION (F,G/—)
SCALE 1:20



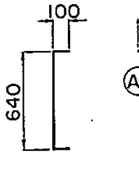
(A1) D10 x 2 140



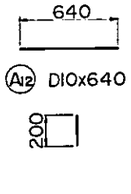
(A2) D10 x 710



(A7) D10 x 2760 (A8) D10 x 900



(A9) D10 x 840



(A10) D10 x 200

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JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

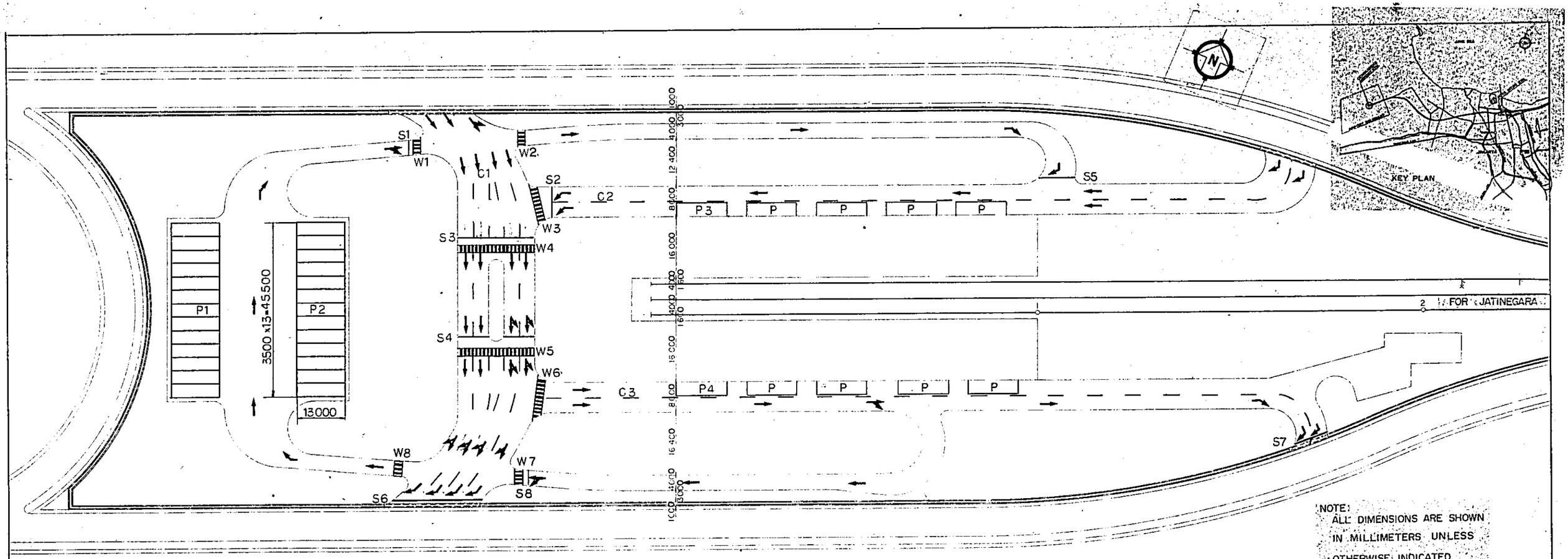
REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1. Aug. '89	JJ	JJ	I.M	K.M	M.K
A	15 Feb. '89	JJ	JJ	K.S	K.M	M.K

DETAILS OF DRANAGE PIPE AND CATCH BASIN

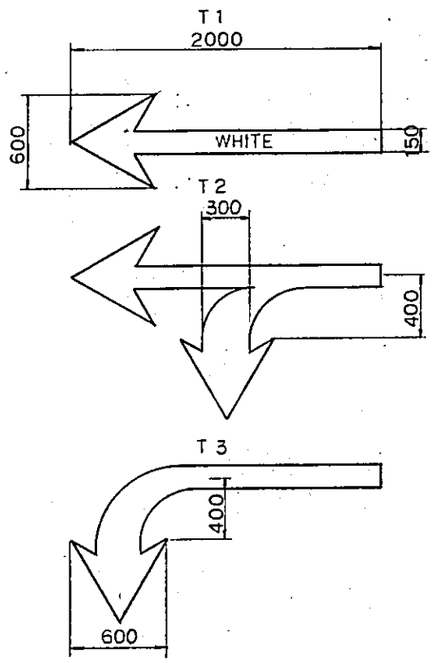
PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE: AS NOTED

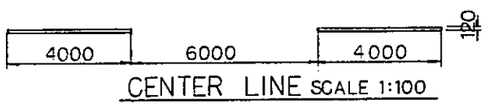
DRAWING NO: CA - 013



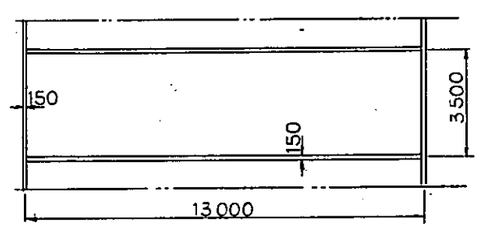
PLAN SCALE 1:500



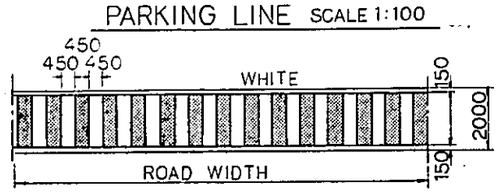
TRAFFIC ARROWS
SCALE 1:20



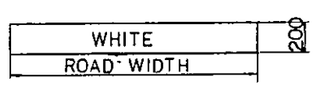
CENTER LINE SCALE 1:100



PARKING LINE SCALE 1:100



WALKER LINE SCALE 1:100



STOP LINE SCALE 1:20

STOP LINE	m
S1	4
S2	8
S3	20
S4	16
S5	10
S6	23
S7	8
S8	4
TOTAL	93

CENTER LINE	m
C1	124
C2	80
C3	84
TOTAL	288
WALKER LINE	m
W1	4
W2	4
W3	10
W4	20
W5	20
W6	10
W7	4
W8	4
TOTAL	76

TRAFFIC ARROWS	
T 1	29 NO
T 2	12 NO
T 3	15 NO
TOTAL	56 NO
PARKING LINE	m
P 1	273
P 2	273
P 3	100
P 4	100
TOTAL	746

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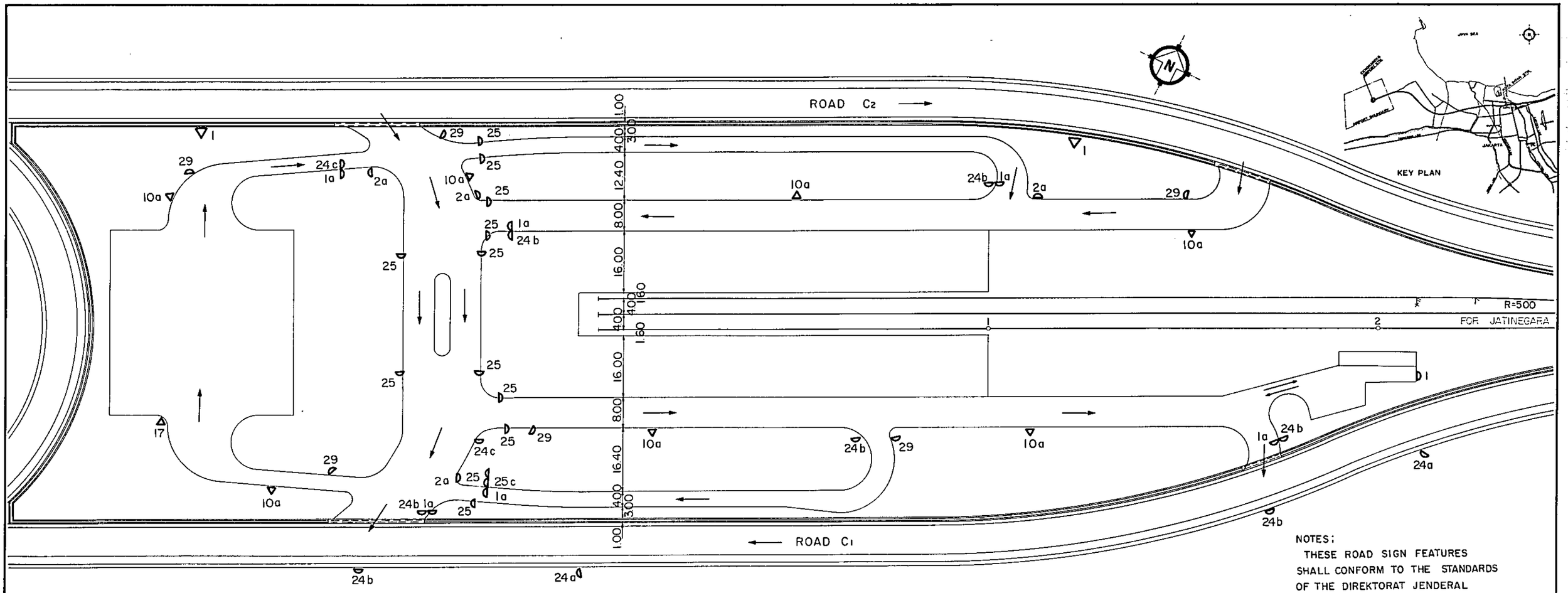
B	1 Aug. '89	T.T	T.T	I.M	K.M.	M.K.
A	15 Feb '89	T.T	T.T	K.O	K.M.	I.K.

ROAD MARKINGS

PACKAGE: I CIVIL AND ARCHITECTURAL WORK

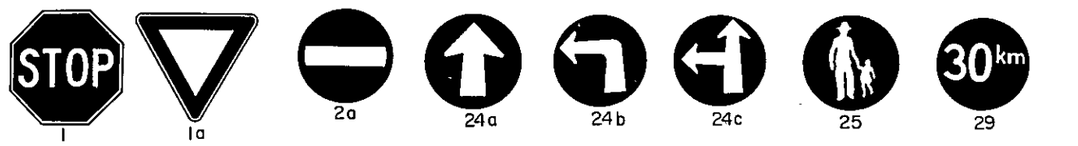
SCALE: AS NOTED

DRAWING NO: CA-014



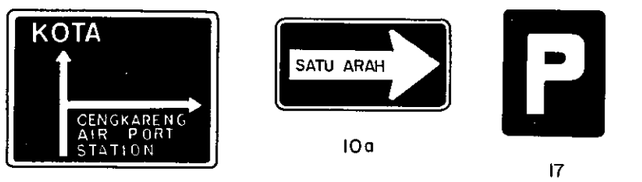
SIGN LOCATION PLAN

SCALE 1 : 500



STOP SIGNS — ENTRY PROHIBITED — DIRECTION TO BE FOLLOWED — WALKING SIGN — SPEED LIMIT SIGN

TABLE II SIGN LOCATION

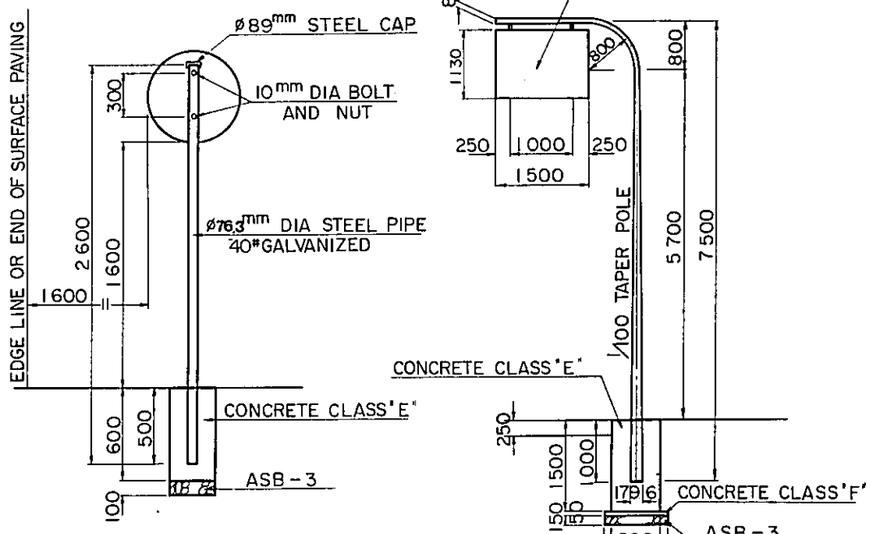


GUIDE SIGN — ONE WAY SIGN — PARKING SIGN

TABLE III SIGN LOCATION

SIGN TABULATION TABLE

DESCRIPTION	QUANTITY	REMARKS
TABLE II 1	1	
1a	6	
2a	4	
24a	2	
24b	7	
24c	2	
25	12	
29	6	
TABLE III 1	2	GUIDE SIGN
10a	7	
17	1	
TOTAL	50	



SCALE 1 : 20

SCALE 1 : 50

SIGN DETAIL

NOTES:

THESE ROAD SIGN FEATURES SHALL CONFORM TO THE STANDARDS OF THE DIREKTORAT JENDERAL PERHUBUNGAN DARAT.

▽ TABLE II SIGN

▽ TABLE III SIGN

ALL DIMENSIONS ARE SHOWN IN MILLIMETERS UNLESS OTHERWISE INDICATED.

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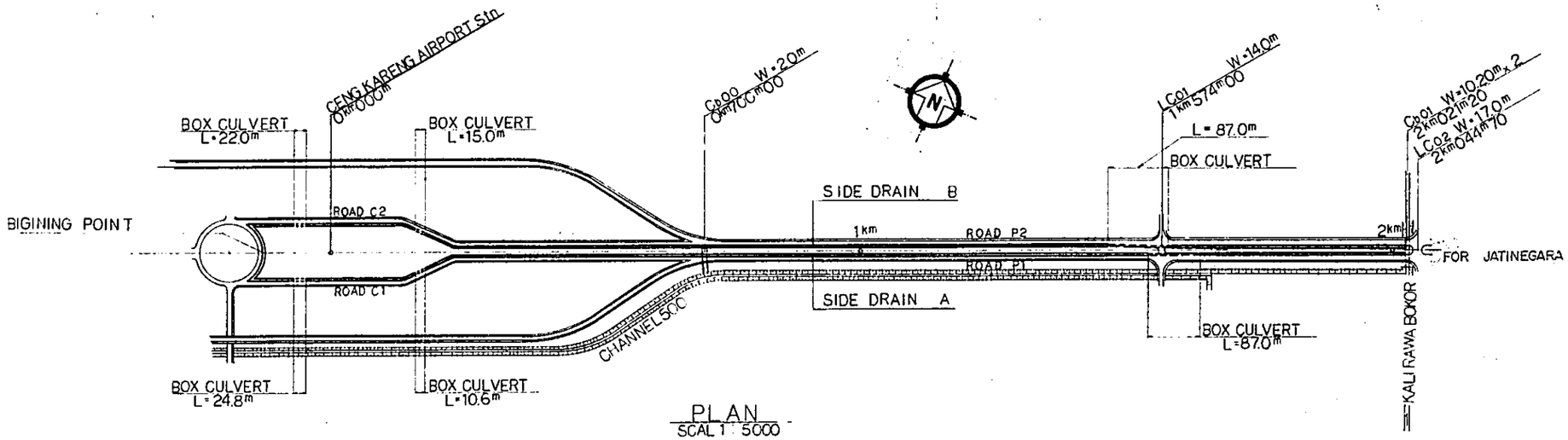
ROADWAY SIGNS

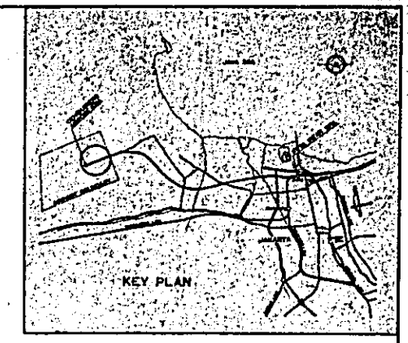
PACKAGE: 1. CIVIL AND ARCHITECTURAL WORK

SCALE: AS NOTED

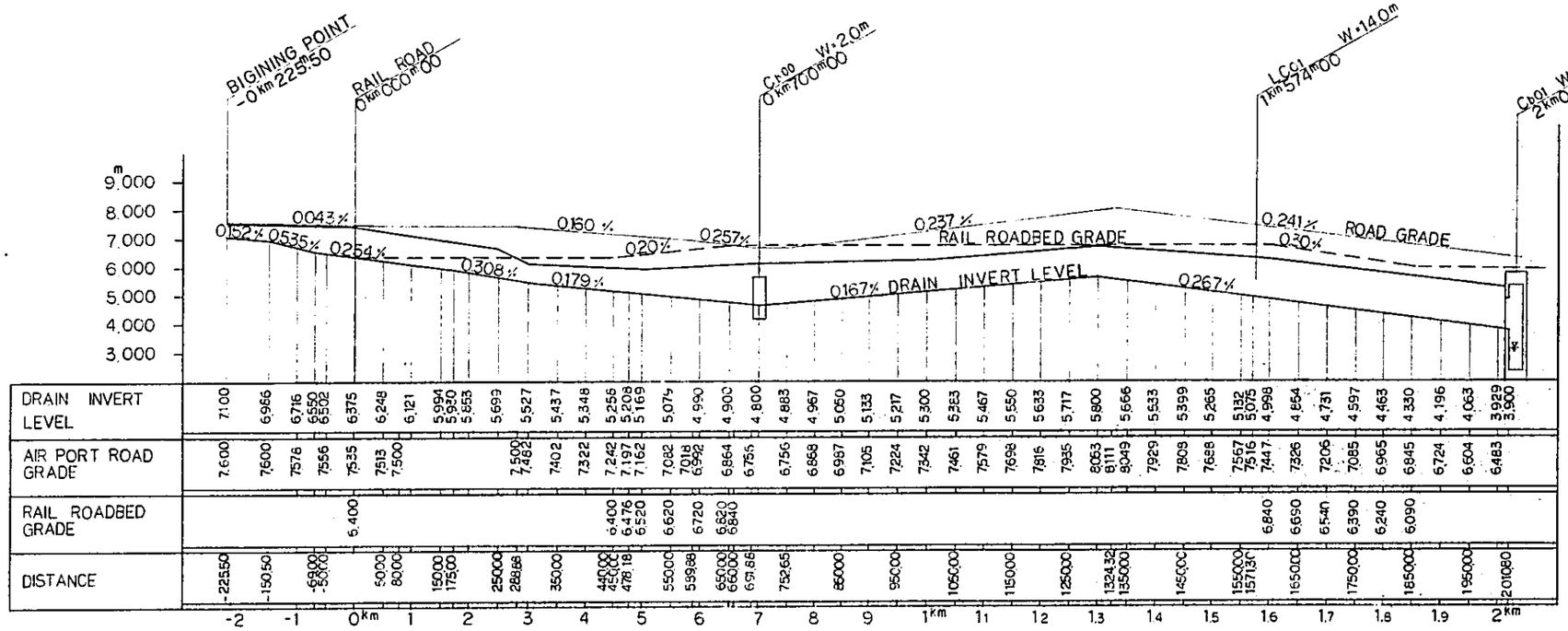
DRAWING NO: CA - 015



PLAN
SCAL 1 : 5000



NOTE:
ALL DIMENSIONS ARE SHOWN IN METERS UNLESS OTHERWISE INDICATED.



SIDE DRAIN A AND B PROFILE
SCALE H=1:5000
V=1:100

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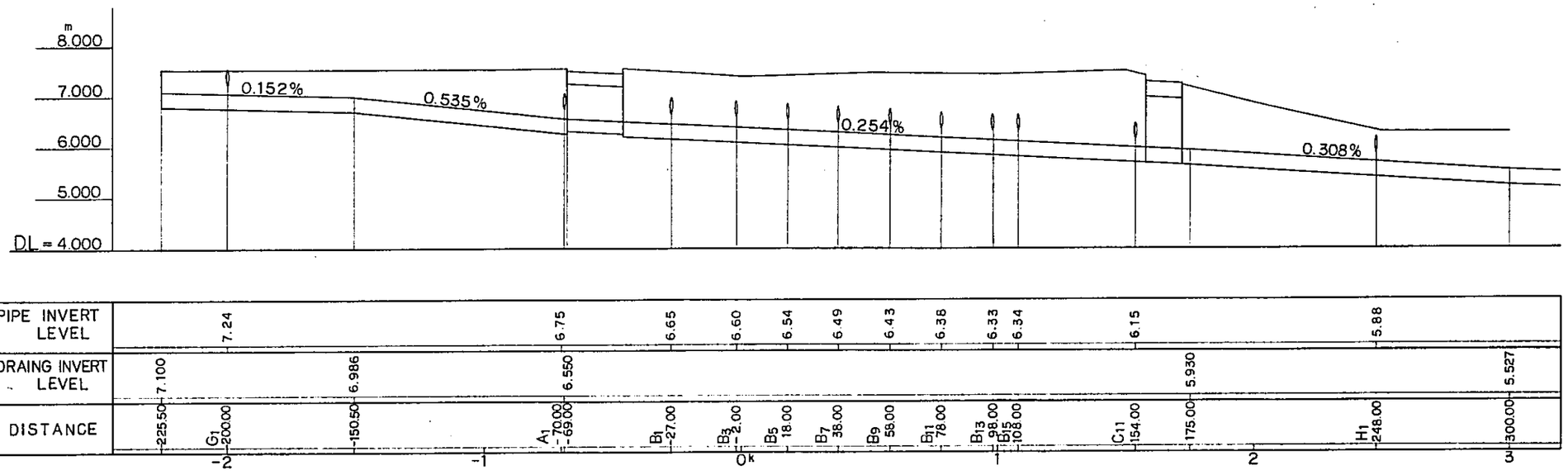
PLAN AND PROFILE OF SIDE DITCHES

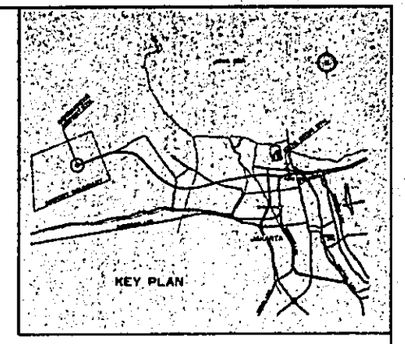
PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE: AS NOTED

DRAWING NO: CA-016

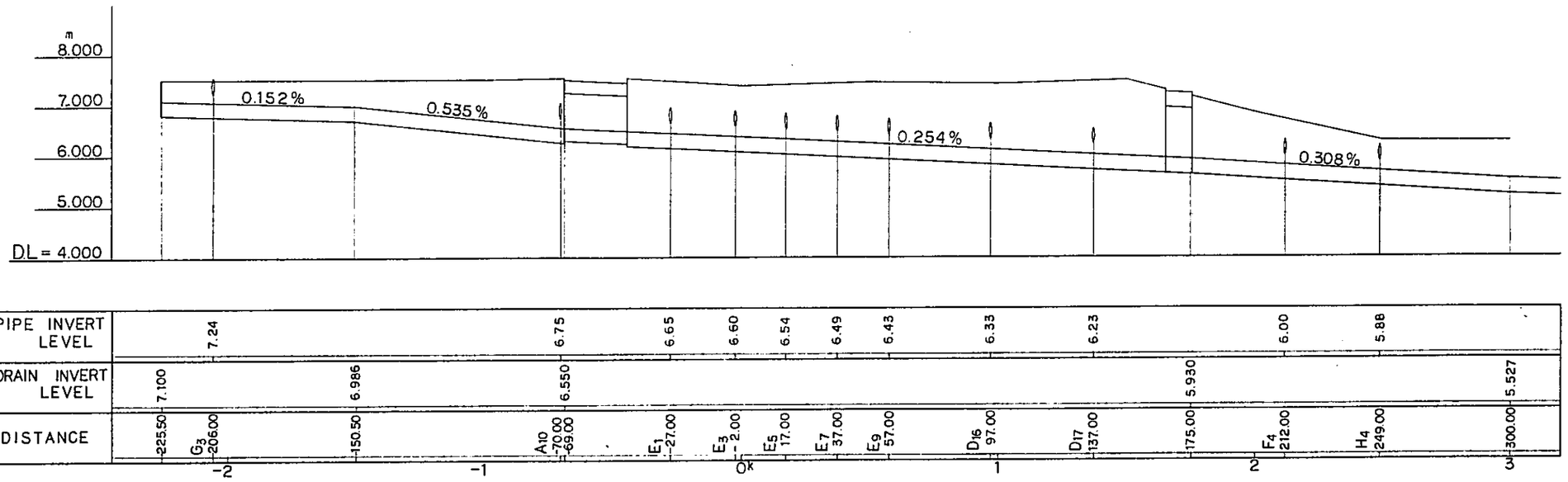


PROFILE (SIDE DRAIN A)
SCALE H=1:1000
V=1:50



NOTE:

ALL DIMENSIONS ARE SHOWN IN METERS UNLESS OTHERWISE INDICATED.



PROFILE (SIDE DRAIN B)
SCALE H=1:1000
V=1:50

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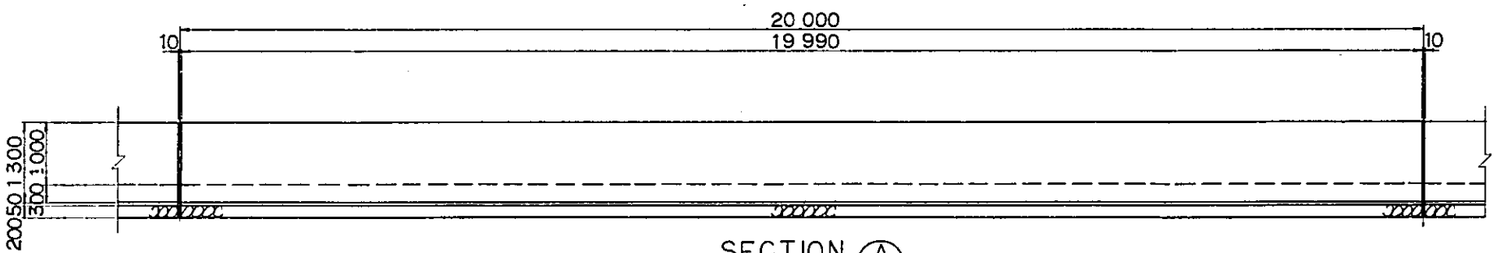
B	1. Aug. '89	T.J	T.J	I.H	K.M.	
A	15. Feb. '89	T.J	T.J	K.J	K.M.	

PROFILE OF SIDE DITCHES IN AIRPORT STATION YARD

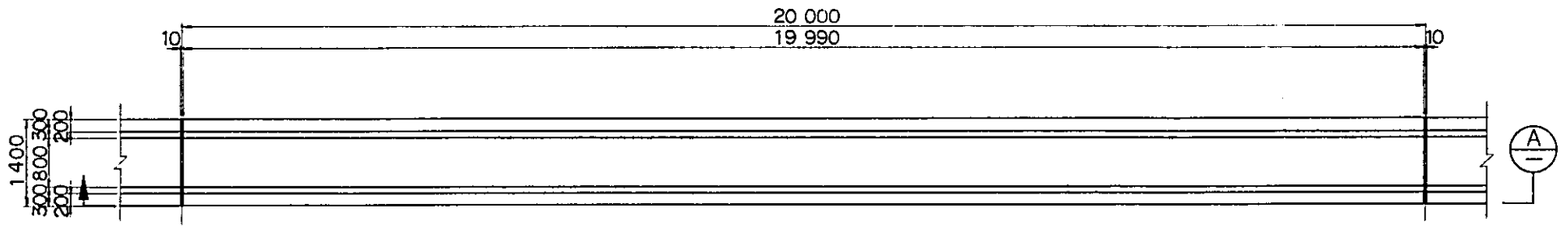
PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE: AS NOTED

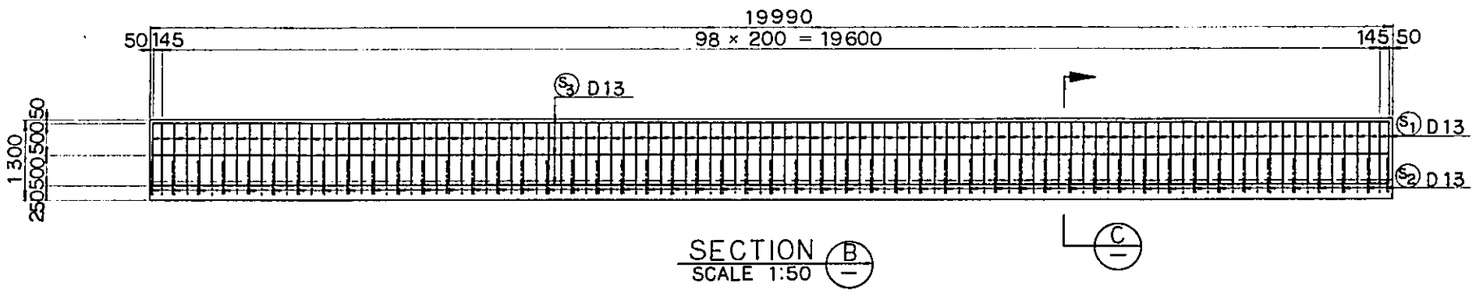
DRAWING NO.: CA-017



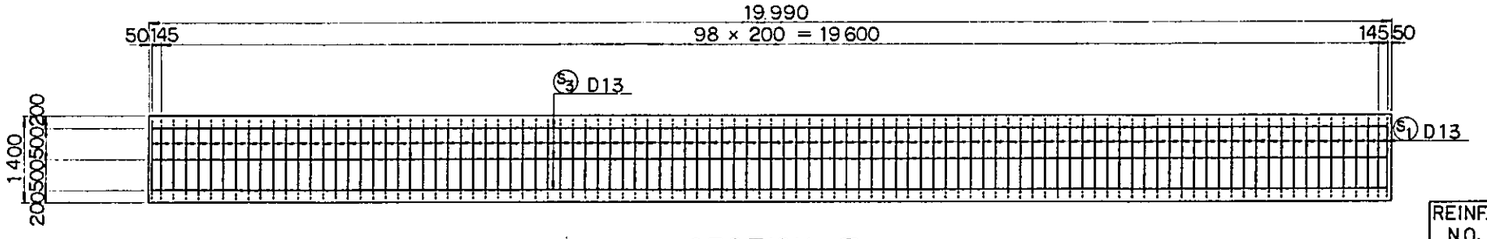
SECTION (A)
SCALE 1:50



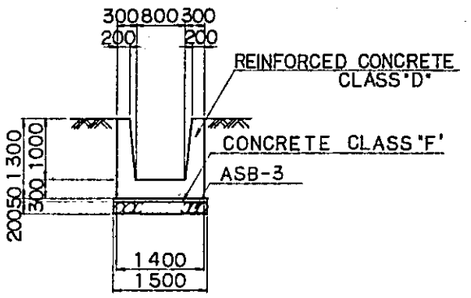
PLAN
SCALE 1:50



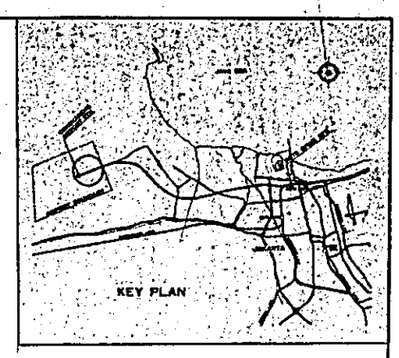
SECTION (B)
SCALE 1:50



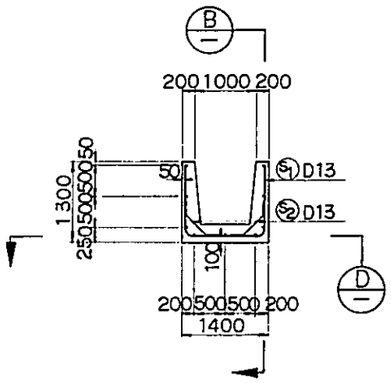
SECTION (D)
SCALE 1:50



SECTION
SCALE 1:50



NOTE:
ALL DIMENSIONS ARE SHOWN IN MILLIMETERS UNLESS OTHERWISE INDICATED.

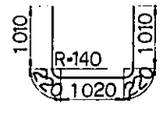


SECTION (C)
SCALE 1:50

BAR SCHEDULE (PER EACH)

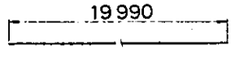
REINF. NO.	DIA. mm	LENGTH mm	NUMBER	U.WEIGHT kg/m	WEIGHT kg	REMARKS
S 1	D13	3.480	101	0.995	349.8	
2	"	900	102	"	91.4	
3	"	19.990	9	"	179.0	
TOTAL					620.2	

CONCRETE CLASS D 18.4 M3
" " F 1.5 "
SUBBALLAST (ASB-3) 6.0 "



S1 D13 × 3 480

S2 D13 × 9.00



S3 D13 × 19.990

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B	1. Aug. 94	J.J	J.J	I.M	K.M.	A.K
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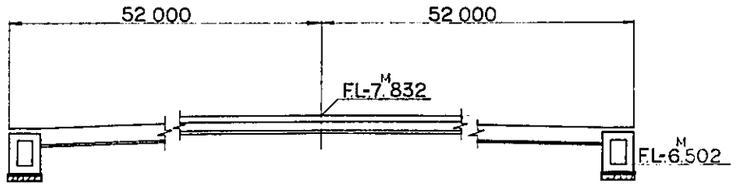
DETAIL OF SIDE DITCH

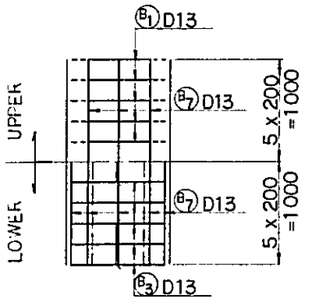
PACKAGE: I. CIVIL AND ARCHITECTURAL WORK

SCALE: AS NOTED

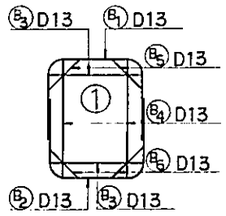
DRAWING NO: CA-018

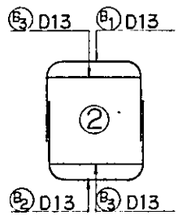


SECTION A
SCALE 1:100

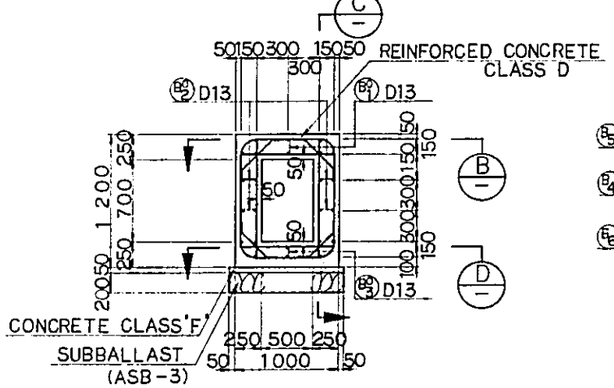


SECTION B
SCALE 1:30

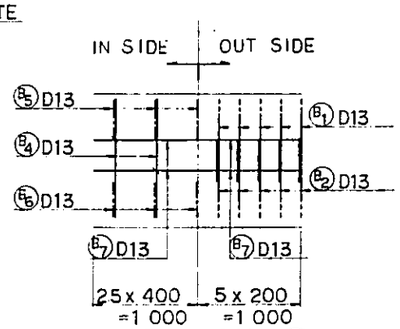




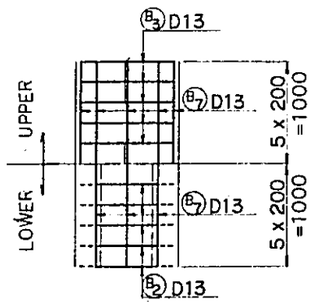
COMBINATION
OF REINFORCEMENT
c to c 200 mm

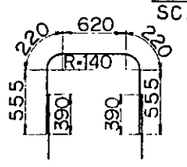


SECTION C
SCALE 1:30

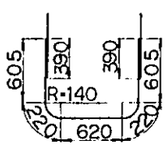


SECTION D
SCALE 1:30

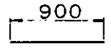




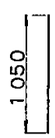
B1 D13 × 2.170



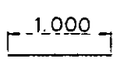
B2 D13 × 2 270



B3 D13 × 900

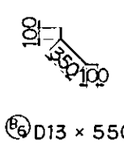


B4 D13 × 1 150

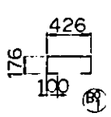


B7 D13 × 1 000

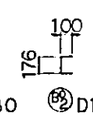
B5 D13 × 600



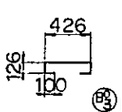
B6 D13 × 550



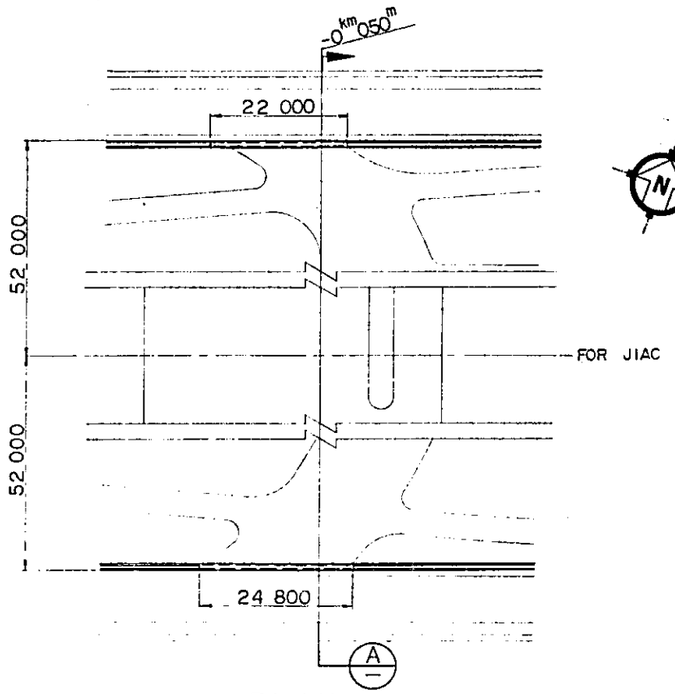
B1 D13 × 980



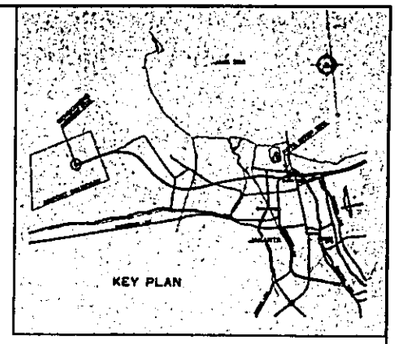
B2 D13 × 380



B3 D13 × 880



PLAN
SCALE 1:500



NOTE:
ALL DIMENSIONS ARE SHOWN IN MILLIMETERS UNLESS OTHERWISE INDICATED.

BAR SCHEDULE (PER METER)

REINF. NO.	DIA. mm	LENGTH mm	NUMBER	U.WEIGHT kg/m	WEIGHT kg	REMARKS
B 1	D13	2.170	5	0.995	10.8	
2	"	2.270	5	"	11.3	
3	"	900	10	"	9.0	
4	"	1.050	5	"	5.2	
5	"	600	5	"	3.0	
6	"	550	5	"	2.7	
7	"	1.000	24	"	23.9	
B' 1	"	980	1.5	"	1.5	
2	"	380	5	"	1.9	
3	"	880	1.5	"	1.3	
TOTAL					70.6	

CONCRETE CLASS D 0.9 M3
" " F 0.1 "
SUBBALLAST(ASB-3) 0.2 "

REPUBLIC OF INDONESIA
MINISTRY OF COMMUNICATIONS
DIRECTORATE GENERAL OF LAND TRANSPORT AND INLAND WAYWAYS

NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

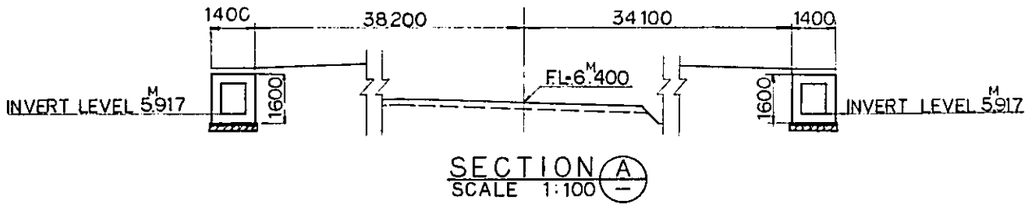
REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1. Aug. '89	J.J	J.J	I.M	K.M.	M.K
A	15. Feb. '89	J.J	J.J	K.J	K.M	M.K

PLAN AND DETAILS OF BOX CULVERT AT STA. 0K 050K

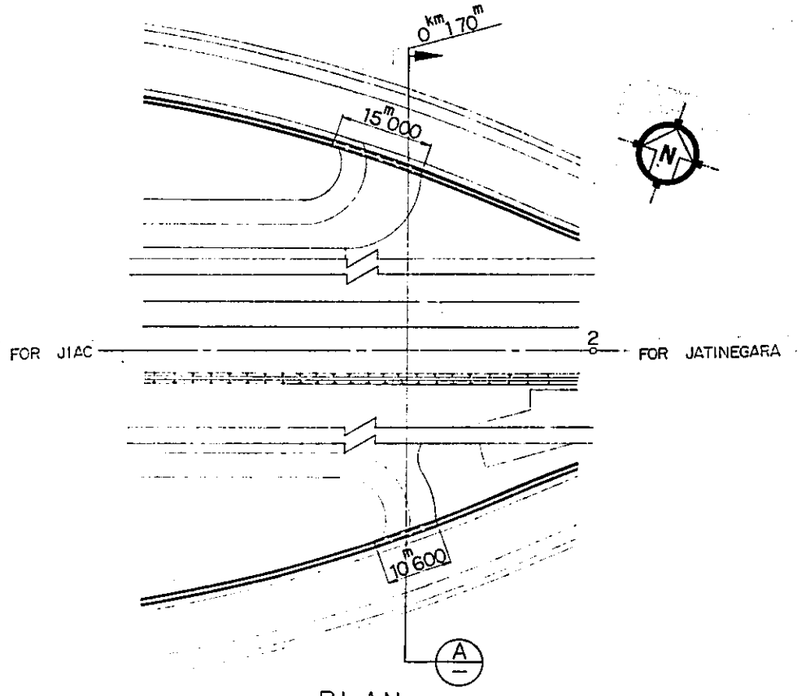
PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE: AS NOTED

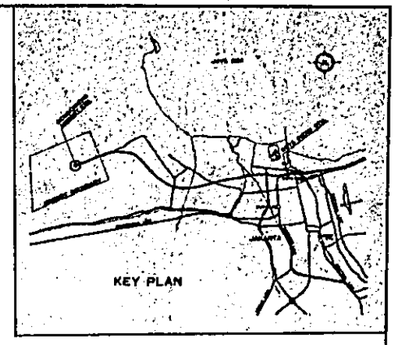
DRAWING NO: CA-019



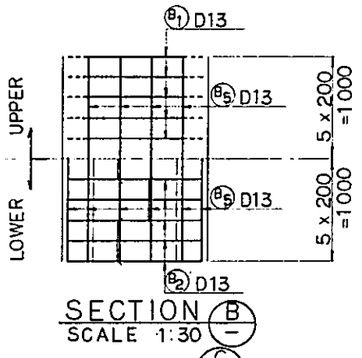
SECTION A
SCALE 1:100



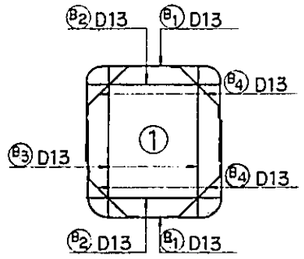
PLAN
SCALE 1:500

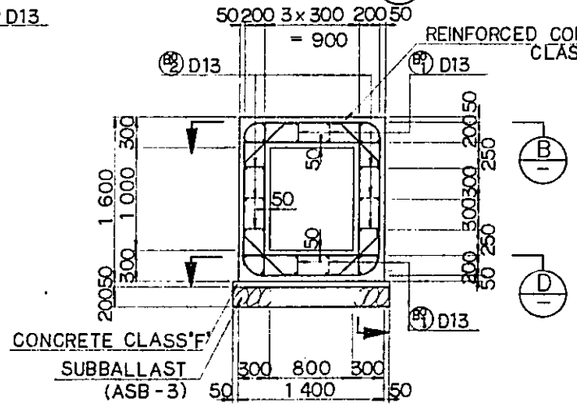


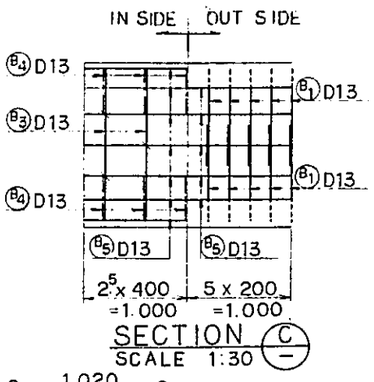
NOTE:
ALL DIMENSIONS ARE SHOWN IN MILLIMETERS UNLESS OTHERWISE INDICATED.



SECTION B
SCALE 1:30



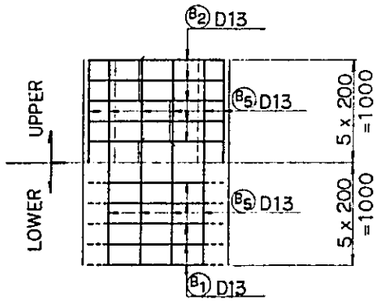




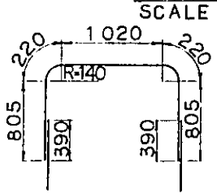
SECTION C
SCALE 1:30

SECTION A
SCALE 1:30

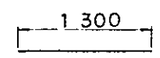
COMBINATION OF REINFORCEMENT
c to c 200 mm



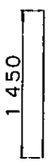
SECTION D
SCALE 1:30



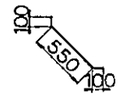
B1 D13 × 3 070



B2 D13 × 1.300

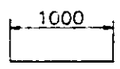


B3 D13 × 1 450



B4 D13 × 750

B1 D13 × 1.080



B5 D13 × 1000

B2 D13 × 430

BAR SCHEDULE (PER METER)

REINF. NO	DIA. mm	LENGTH mm	NUMBER	U.WEIGHT kg/m	WEIGHT kg	REMARKS
B 1	D13	3.070	10	0.995	30.5	
2	"	1.300	10	"	12.9	
3	"	1 450	5	"	7.2	
4	"	750	10	"	7.5	
5	"	1.000	32	"	31.8	
B' 1	"	1 080	5	"	5.4	
2	"	430	6	"	2.6	
TOTAL					97.9	
CONCRETE CLASS D					1.4 M3	
" " F					0.1 "	
SUBBALLAST (ASB-3)					0.3 "	

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NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

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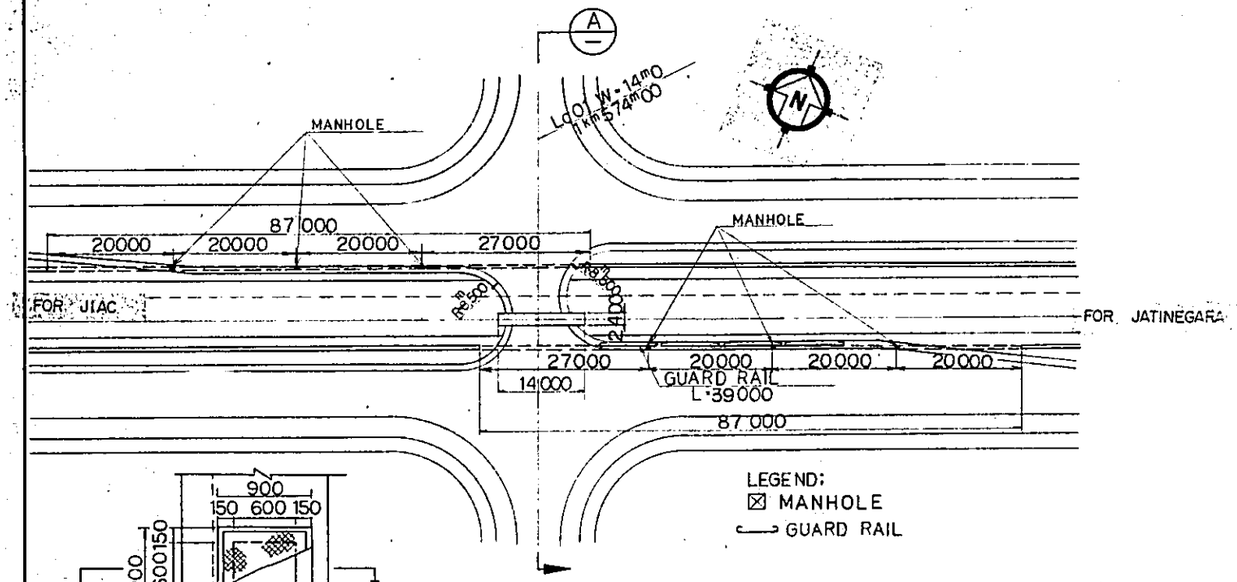
REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1 Aug. 89	J.J	J.J	I.H	V.M	M.K
A	15. Feb. 89	J.J	J.J	K.J	K.M	M.K

PLAN AND DETAILS OF BOX CULVERT AT STA. 0K 170K

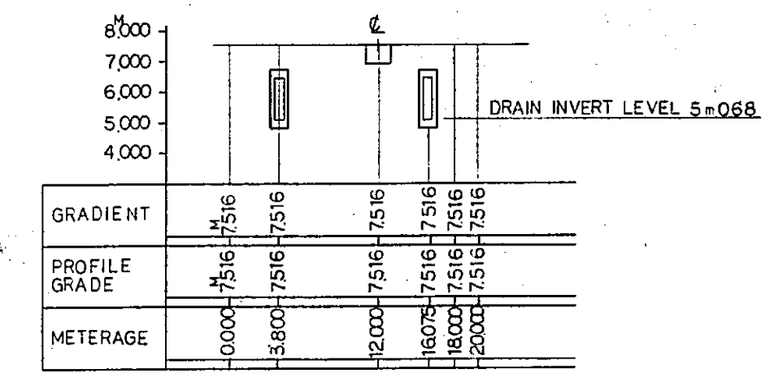
PACKAGE: I CIVIL AND ARCHITECTURAL WORK

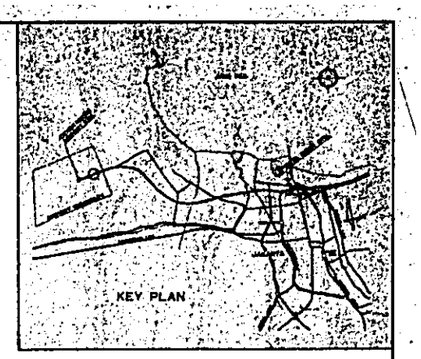
SCALE: AS-NOTED

DRAWING NO.: CA – 020



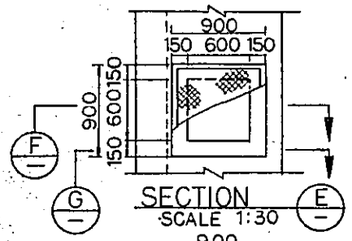
PLAN
SCALE 1:500



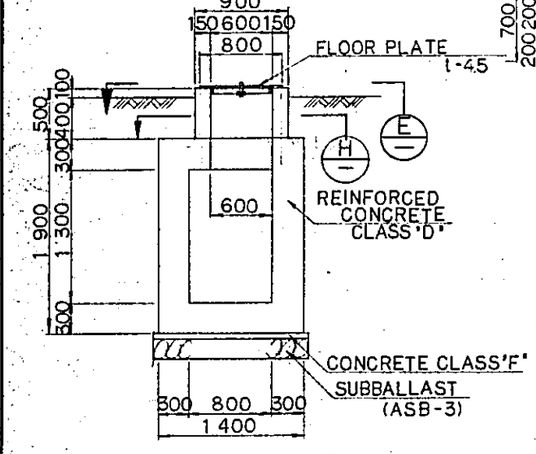


NOTE:
ALL DIMENSIONS ARE SHOWN IN MILLIMETERS UNLESS OTHERWISE INDICATED.

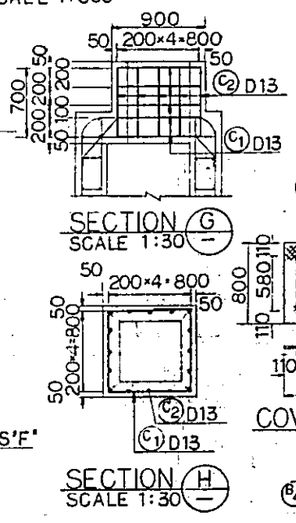
SECTION A
SCALE H:1:250 V:1:100



SECTION E
SCALE 1:30

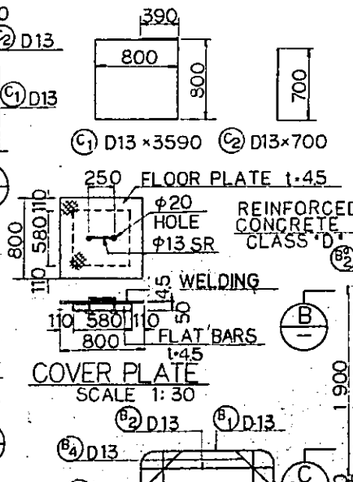


SECTION F
SCALE 1:30

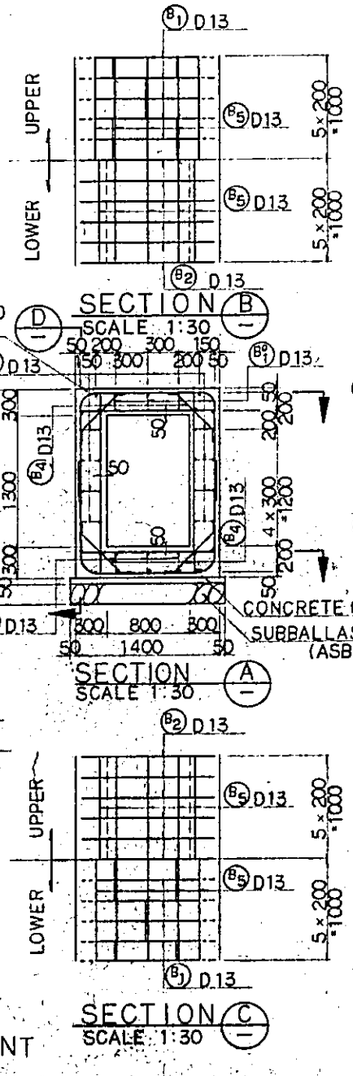


SECTION G
SCALE 1:30

SECTION H
SCALE 1:30

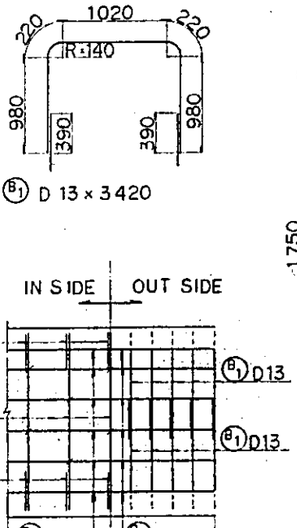


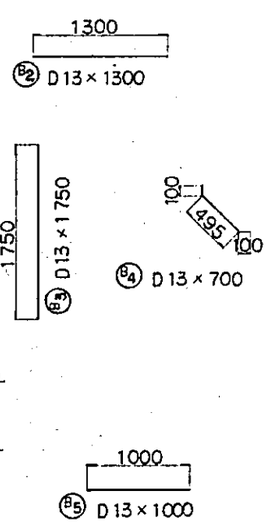
COMBINATION OF REINFORCEMENT c.t.c 200



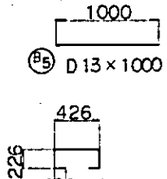
SECTION B
SCALE 1:30

SECTION A
SCALE 1:30





SECTION D
SCALE 1:30



DETAIL OF MANHOLE
SCALE 1:30 (ONE 20M)

BAR SCHEDULE (PER METER)

REINF. NO	DIA. mm	LENGTH mm	NUMBER	U.WEIGHT kg/m	WEIGHT kg	REMARKS
B 1	D13	3 420	5	0.995	17.0	
2	"	1 300	10	"	12.9	
3	"	1 750	5	"	8.7	
4	"	700	10	"	7.0	
5	"	1 000	40	"	39.8	
B' 1	"	1 080	8	"	8.6	
2	"	430	10	"	4.3	
TOTAL					115.3	
CONCRETE CLASS D 1.6 M3						
" " F 0.1 "						
SUBBALLAST (ASB-3) 0.3 "						

BAR SCHEDULE PER MAN HOLE

REINF. NO	DIA mm	LENGTH mm	NUMBER	U WEIGHT kg/m	WEIGHT kg
C 1	D13	3590	5	0.995	17.9
2	"	700	16	"	11.1
TOTAL					29.0
CONCRETE CLASS D 0.2 M3					

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JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

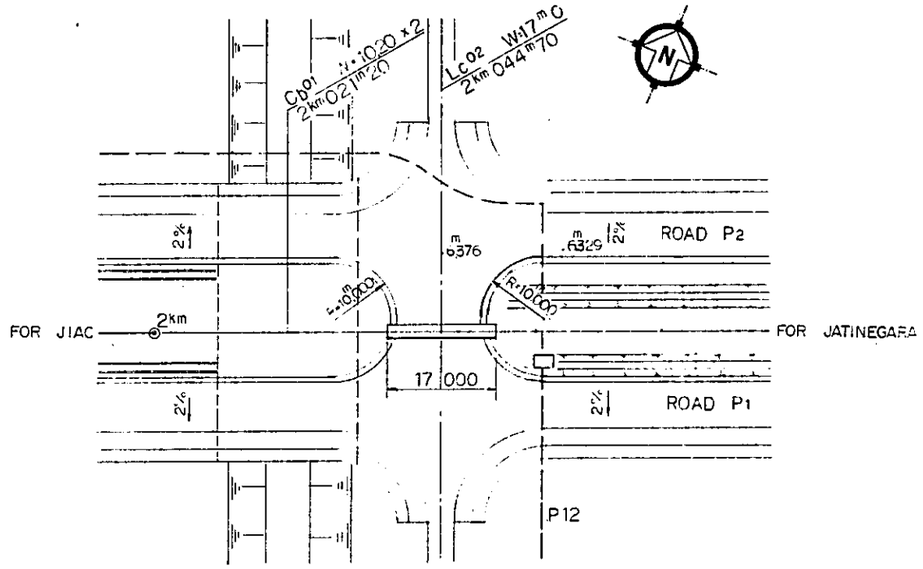
REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1 Aug. 84	J.J	J.J	I.H	K.M	K.
A	15 Feb 84	J.J	J.J	K.J	K.M	K.

PLAN AND DETAILS OF BOX CULVERT AT STA. 2K 044K

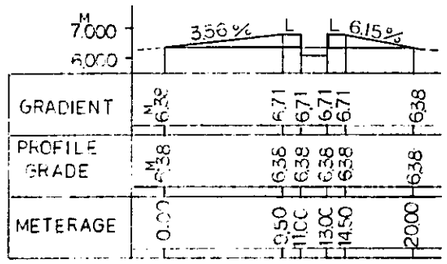
PACKAGE: I: CIVIL AND ARCHITECTURAL WORK

SCALE: AS NOTED

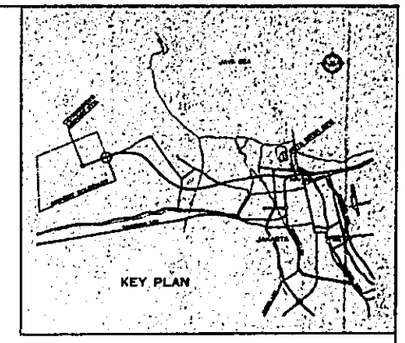
DRAWING NO: CA - 021



PLAN
SCALE 1:500



SECTION A
SCALE H:1:250
V:1:100

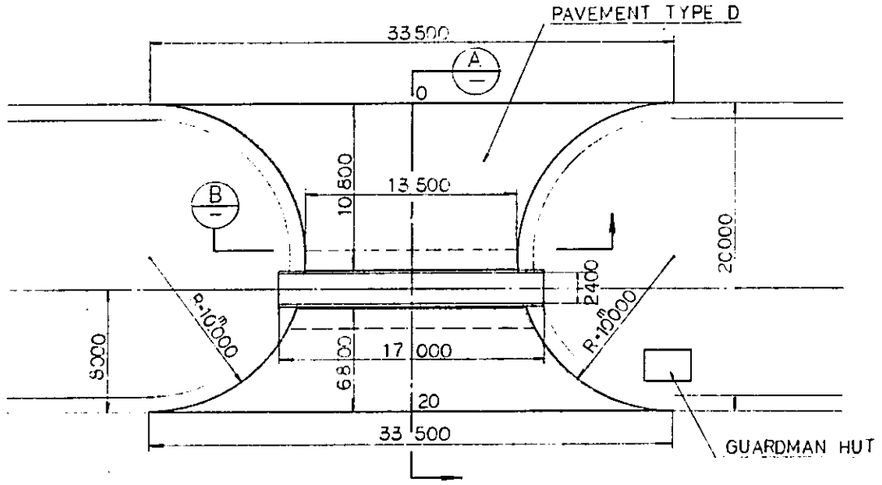


NOTE:
ALL DIMENSIONS ARE SHOWN IN MILLIMETERS UNLESS OTHERWISE INDICATED.

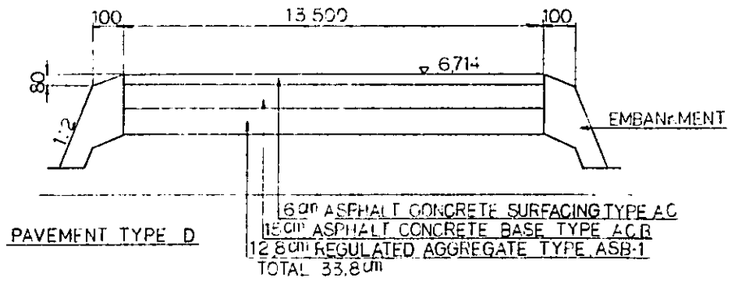
LEGEND:

——— TELECOMMUNICATION

P12 ------- SYSTEM PRIMARY CABLE AND NUMBER OF CONDUITS



Lc 02 PLAN
SCALE 1:200



SECSTON B
SCALE H:1:250
V:1:20

REPUBLIC OF INDONESIA
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NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

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REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1. Aug. 89	J.J	J.J	I.M	K.M	
A	15. Feb. 89	J.J	J.J	K.S	K.M	

PAVEMENT DETAIL OF LEVEL CROSSING AT STA. 2K 044

PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE: AS NOTED

DRAWING NO: CA-022

GENERAL NOTES

ARCHITECTURAL

1. ALL DRAWING MEASUREMENTS ARE IN MILLIMETERS, UNLESS OTHERWISE NOTED.
2. DRAWINGS SHALL BE ORIENTED TO AN ARBITRARY REFERENCE NORTH.
3. STRUCTURAL, MECHANICAL AND ELECTRICAL DRAWINGS SHALL BE COORDINATED WITH THE ARCHITECTURAL DRAWINGS.

MECHANICAL

A. VAC (VENTILATING AND AIR CONDITIONING)

1. DESIGN CONDITIONS SHALL BE AS FOLLOWS:

a. AIR CONDITIONING (COOLING):

OUTDOOR 32.5°C DB, 65% RH

INDOOR 26°C DB, 50% RH

b. VENTILATION:

LAVATORY (FOR STAFF) 15 AIR CHANGES/H

LAVATORY (FOR PASSENGERS) 20 AIR CHANGES/H

KITCHEN 30 AIR CHANGES/H

OTHER ROOMS 10 AIR CHANGES/H

2. SCOPE OF WORK

a. WORK SHALL INCLUDE ALL VAC WORK FOR THE FOLLOWING BUILDINGS:

1) AIRPORT TERMINAL STATION

a) TERMINAL BUILDING

b) BOOKING OFFICE (A)

c) BOOKING OFFICE (B)

2) KOTA INTAN STATION

3) SIGNAL CABIN A

4) SIGNAL CABIN B

B. PLUMBING

1. PLUMBING SHALL INCLUDE ALL WORK FOR THE PLUMBING SYSTEM

a. WATER SUPPLY PIPING

b. PLUMBING FIXTURES, SOIL, SEWER AND VENT PIPING

2. PLUMBING SHALL INCLUDE ALL WORK FOR THE FOLLOWING BUILDINGS:

a. AIRPORT TERMINAL STATION

1) TERMINAL BUILDING

2) BOOKING OFFICE (A)

3) BOOKING OFFICE (B)

b. KOTA INTAN STATION

c. SIGNAL CABIN A

d. SIGNAL CABIN B

ELECTRICAL

A. STATION PLAZA LIGHTING

1. PLAZA LIGHTING SHALL BE CONTROLLED BY BUILT-IN PHOTOCELLS.
2. CABLE SHALL BE COMPLETED BY 600-V/1000-V PVC/SWA/PVC INSTALLED DIRECTLY IN THE GROUND.
3. CABLE SHALL NOT BE INSTALLED AT A DEPTH OF LESS THAN 600 MM OR A DEPTH OF MORE THAN 1000 MM.
4. THE ARMOR OF ARMORED CABLE SHALL BE CONNECTED TO THE GROUND SYSTEM.

B. DISTRIBUTION BOARDS

1. ALL DISTRIBUTION BOARDS SHALL BE ENCLOSED IN METAL ENCLOSURES. METAL ENCLOSURES SHALL BE CONSTRUCTED OF HOT-DIP GALVANIZED SHEET STEEL.
2. DISTRIBUTION BOARDS INSTALLED IN OPEN PLACES SUBJECT TO WIND, RAIN AND DUST SHALL BE OF A WATER- AND DUST-PROOF TYPE.
3. ALL LIGHTING FITTINGS, ETC. SHALL BE CONNECTED TO CIRCUITS AS PHASE-BALANCED.

C. CONSIDERATION SHALL BE GIVEN TO DERATING FACTORS DUE TO HIGH AMBIENT TEMPERATURE AFFECTING CIRCUIT BREAKERS, CURRENT-CARRYING CAPACITY OF CABLES, ETC.

D. LOCATION OF LIGHTING FITTINGS, SOCKET OUTLETS, ETC. SHALL BE FINALIZED IN ACCORDANCE WITH ARCHITECTURAL AND CIVIL PLANS AT THE CONSTRUCTION STAGE.

E. THE ELECTRICAL CONTRACTOR SHALL BE REQUESTED TO COORDINATE WITH ARCHITECTURAL, CIVIL AND MECHANICAL WORK.

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JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1. AUG. '84	T.Syuhada		T.Syuhada	K.M.	
A	15 FEB '84	T.Syuhada		T.Syuhada	K.M.	

GENERAL NOTES

PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE: NONE

DRAWING NO: AG - 001

ABBREVIATIONS

-A-

A	AMPERE OR AMMETER
ABV	ABOVE
ABOVE SUS CLG	ABOVE SUSPENDED CEILING
AC	AIR CONDITIONER
ACOUS.	ACOUSTICAL
ACR	ACRYLIC
ACT.	ACTUAL
AD	ANEMO DIFFUSER
ADH	ADHESIVE
ADJ.	ADJUSTABLE
AF	AMPERE FRAME
AGGR	AGGREGATE
AL	ALUMINUM
APPROX	APPROXIMATE
ARCH	ARCHITECTURAL
ASB	ASBESTOS
ASPH	ASPHALT
AT	AMPERE TRIP
AUTO	AUTOMATIC
AVF	ANTIVIBRATION FRAME
AVG	AVERAGE
AVP	AIR VENT PIPE

-B-

BATT.	BATTERY
BD	BOARD
BET.	BETWEEN
BKR	BREAKER
BLDG	BUILDING
BLK	BLOCK
BM	BEAM
B.M.	BENCH MARK
BOT	BOTTOM
BRK	BRICK
BRZ	BRONZE

-C-

CAB.	CABINET
CAP	CAPACITY
CB	CATCH BASIN
CEF	CENTRIFUGAL EXHAUST FAN
CEM	CEMENT
CER	CERAMIC
CER MOSAIC	CERAMIC MOSAIC (TILE)
CER TILE	CERAMIC TILE
CH	CEILING HEIGHT
CI	CAST IRON
CIP	CAST IRON PIPE
CL	CENTERLINE
CLG	CEILING
CLKG	CAULKING
CLO.	CLOSET
CLR.	CLEAR
CM	CENTIMETER
CMH	CUBIC METER PER HOUR
CND	CONDUIT
CO	CLEANOUT
COL	COLUMN
COM	COMMON
COMP	COMPRESSOR
CONC	CONCRETE
CONN.	CONNECTION
CONST	CONSTRUCTION
CONT.	CONTINUOUS
CONTR	CONTRACTOR
CORR	CORRUGATED
CP	CONTROL PANEL
C TO C	CENTER TO CENTER
CTR	CENTER
CTR.	COUNTER
CV	CHECK VALVE

-D-

D	DEPTH
DB	DISTRIBUTION BOARD
DBL.	DOUBLE
DBT	DRY BULB TEMPERATURE (°C)
DEPT	DEPARTMENT
DF	DRINKING FOUNTAIN
DIA	DIAMETER
DIM.	DIMENSION
DIV	DIVISION
DL	DOOR LOUVER
DN	DOWN
DO.	DITTO
D.O.	DOOR OPENING
DR	DOOR
DS.	DOWNSPOUT
DSGN	DESIGN
DTL	DETAIL
DWG	DRAWING

-E-

E	EARTHING
EA	EACH
EAG	EXHAUST AIR GALLERY
EAR	EXHAUST AIR REGISTER
EB	ELECTRODE BASE
E.J.	EXPANSION JOINT
EL.	ELEVATION
ELCB	EARTH LEAKAGE CIRCUIT BREAKER
ELEC	ELECTRIC
EMER.	EMERGENCY
ENCL.	ENCLOSURE
ENGR	ENGINEER
EQ.	EQUAL
EQUIP.	EQUIPMENT
EST	ELEVATED STORAGE TANK
EXF	EXHAUST FAN
EXIST	EXISTING
EXP.	EXPANSION
EXT.	EXTERIOR

-F-

F	FAUCET
FAB	FABRICATE
F.B.	FLAT BAR
FCO	FLOOR CLEAN OUT
FD	FLOOR DRAIN
FDN	FOUNDATION
FIG.	FIGURE
FIN.	FINISH
FIX.	FIXTURE
FL.	FLOOR
FLG	FLASHING
FLX	FLEXIBLE
FRP	FIBERGLASS REINFORCED POLESTER
F.O.C.	FACE OF CONCRETE
F.O.F.	FACE OF FINISH
FTG	FITTING
FTG.	FOOTING
FUT.	FUTURE
FXJ	FLEXIBLE JOINT

-G-

GA.	GAUGE
GALV	GALVANIZE(D)
GF	GROUND FLOOR
GL.	GLASS
GL	GROUND LEVEL
GND.	GROUND
GR.	GRADE
GRN	GRANITE
GSP	GALVANIZED STEEL PIPE
GT	GROUNDING TERMINAL
GV	GATE VALVE
GVL	GRAVEL
GYP	GYPSUM
GYP PLAS	GYPSUM PLASTER

-H-

HB	HOSE BIB
HDWD.	HARDWOOD
HDWE.	HARDWARE
HORIZ.	HORIZONTAL
HP	HORSE POWER
HR.	HOUR
HS	HS-TYPE REGISTER
HT	HEIGHT
HWL	HIGH WATER LEVEL

-I-

I.D.	INSIDE DIAMETER (DIM.)
IL	INSIDE LADDER
INCL	INCLUDE(D), (ING)
INFO	INFORMATION
INS	INSULATE(D), (ION)
INS FILL	INSULATING FILL
INT.	INTERIOR
IRR	IRRIGATION WATER

-J-

JAN.	JANITOR
JB	JUNCTION BOX
JT.	JOINT

-K-

KIT.	KITCHEN
KS	KITCHEN SINK
KW	KILOWATT

-L-

L	LENGTH
l	LITER
LAD	LADDER
LD	LINE DIFFUSER
LG	LONG
LIN	LINEAR
LKR.	LOCKER
LT	LIGHT
LTWEIGHT CONC	LIGHTWEIGHT CONCRETE
LV	LAVATORY
LVR	LOUVER
LWL	LOW WATER LEVEL
LWP	LIFT WATER PUMP

-M-

MAS	MASONRY
MATL	MATERIAL
MAX	MAXIMUM
MBR	MEMBER
MC	MEDICINE CABINET
MCCB	MOULDED CASE CIRCUIT BREAKER
MECH	MECHANICAL
MET.	METAL
MFG	MANUFACTURING(ER)
MH	MANHOLE
MIN	MINIMUM
MIR	MIRROR
MISC	MISCELLANEOUS
MIX.	MIXTURE
MK	MARK
MMB	MEMBRANE
M.O.	MASONRY OPENING
MRB	MARBLE
MTD.	MOUNTED
MUL.	MULLION

-N-

N	NEUTRAL OR CHLOROPRENE
NAT	NATURAL
N.I.C.	NOT IN CONTRACT
NO. OR #	NUMBER
NT	NEUTRAL TERMINAL
N.T.S.	NOT TO SCALE

-O-

OA	OUTSIDE AIR
OAG	OUTSIDE AIR GRILLE
O.C.	ON CENTER
O.D.	OUTSIDE DIAMETER (DIM.)
OFF.	OFFICE
OFP	OVER FLOW PIPE
OL	OUTSIDE LADDER
OPNG.	OPENING
OPP.	OPPOSITE

-P-

P	POLE
PAC	PACKAGED AIR CONDITIONER
PFB	PREFABRICATE(D)
PFE	PORTABLE FIRE EXTINGUSHER
PHOTO	PHOTOGRAPH
PL	PLATE
P. LAM.	PLASTIC LAMINATE
PLAS	PLASTER
PLMB	PLUMBING
PNL	PANEL
PT.	POINT
PTN	PARTITION
PVC	POLYVINYL CHLORIDE
PVMT	PAVEMENT
PW	POTABLE WATER
PWD	PLYWOOD

-Q-

Q.T.	QUARRY TILE
QTY	QUANTITY

-R-

R	RISER
RA	RETURN AIR
RAD	RADIUS
RBT JOINT	RABBET JOINT
RC	REMOTE CONTROL
RD	ROAD
R.D.	ROOF DRAIN
REF	REFERENCE
REFR	REFRIGERATOR
REINF.	REINFORCED
REQ.	REQUIRED
RESIL.	RESILIENT
RET	RETURN
REV	REVISION(S)
RGTR.	REGISTER
RL	RAIL(ING)
RM	ROOM
R.O.	ROUGH OPENING
ROW	RIGHT OF WAY
R.L.	RAIN LEADER

-S-

SA	SUPPLY AIR
S.C.	SOLID CORE
SCH	SCHEDULE
SCN	SCREEN
SECT	SECTION
SHT.	SHEET
SIM.	SIMILAR
SK	SERVICE SINK
SNT	SEALANT
SP	SINGLE POLE OR SPEAKER
SP	STATIC PRESSURE
SPEC	SPECIFICATION
SQ	SQUARE
SS	SANITARY SEWER
SST	STAINLESS STEEL
STA.	STATION
STD	STANDARD
STL	STEEL
STOR.	STORAGE
STR	STRUCTURAL
SUS	SUSPENDED
SWA	STEEL WIRE ARMOURED
SYM	SYMMETRY(ICAL)

-T-

T.C.	TOP OF CURB
TECH	TECHNICAL
TEMP	TEMPERATURE
TER	TERRAZZO
THK	THICK(NESS)
TRD.	TREAD
TP	TRIPLE POLE
TYP	TYPICAL

-U-

UNF.	UNFINISHED
U.O.N.	UNLESS OTHERWISE NOTED
UR	URINAL

-V-

V	VOLT OR VOLTMETER
VC	VENT CAP
VD	VOLUME DAMPER
VENT.	VENTILATION
VERT.	VERTICAL
VEST.	VESTIBULE
VHS	VHS-TYPE REGISTER
VOL	VOLUME

-W-

W	WIRE OR WATT OR WIDE
W/	WITH
WAC	WINDOW TYPE AIR CONDITIONER
WB	WET BULB TEMPERATURE (°C)
WC	WATER CLOSET
WD	WOOD
WEF	WALL EXHAUST FAN
WL	WATER LEVEL
WID	WIDTH
W/O	WITHOUT
WP.	WATERPROOF
WR	WATER RESERVOIR (FRP)
WT	WEIGHT

-X-

XSECT	CROSS SECTION

&	AND
L	ANGLE
@	AT
℄	CENTERLINE
⌀	DIAMETER OR ROUND
#	POUND OR NUMBER

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JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

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B	1 AUG. 89	Tsuyoshi	N.F	Tsuyoshi	K.M	M.K
A	15 FEB. 89	Tsuyoshi	N.J	Tsuyoshi	K.M	M.K

ABBREVIATIONS

PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE: NONE

DRAWING NO: AG - 002

LEGEND

ARCHITECTURAL

SYMBOL	DESCRIPTION
	EARTH
	BRICK / TERRAZZO TILE / MARBLE TILE
	MORTAR / SAND GRAVEL CEMENT
	GRAVEL
	INSULATION
	STRUCTURAL STEEL
	WOOD
	CONCRETE
	LIGHTWEIGHT CONCRETE

MECHANICAL

SYMBOL	DESCRIPTION
	POTABLE WATER PIPE AND IRRIGATION WATER PIPE
	RAIN WATER PIPE
	SOIL & WASTE PIPE
	VENT PIPE
D	CONDENSATE DRAIN PIPE
TD	TANK DRAIN
	POTABLE WATER FAUCET
	IRRIGATION VALVE
	FLUSH VALVE
	GATE VALVE
	CHECK VALVE
	FLEXIBLE JOINT
	FLOAT VALVE
	STRAINER (Y TYPE)
FCO	FLOOR CLEAN OUT
FD	FLOOR DRAIN & ROUND STRAINER
	VENT CAP
	SANITARY SEWER (INVERTED MANHOLE)
	CATCH BASIN

SYMBOL	DESCRIPTION
	SUPPLY AIR DUCT
	RETURN AIR & VENTILATING DUCT
	SOUND-ABSORBENT CHAMBER
VD	VOLUME DAMPER
	WALL EXHAUST FAN W/EAG
	PIPE EXHAUST FAN
	DOOR LOUVER

ELECTRICAL

SYMBOL	DESCRIPTION
I1	INCANDESCENT LIGHTING FITTING, WITH DIFFUSER, FIXED DIRECTLY TO CEILING (100 W)
I2	INCANDESCENT LIGHTING FITTING, WITH DIFFUSER, FIXED DIRECTLY TO WALL (100 W)
I3	INCANDESCENT LIGHTING FITTING, RECESSED IN FALSE CEILING (100 W)
I4	INCANDESCENT LIGHTING FITTING, CHANDELIER (40 W x 5)
F1	FLUORESCENT LIGHTING FITTING, RECESSED IN FALSE CEILING (40 W)
F2	FLUORESCENT LIGHTING FITTING, WITH REFLECTOR, FIXED DIRECTLY TO CEILING (40 W)
F3	FLUORESCENT LIGHTING FITTING, RECESSED IN FALSE CEILING (40 W x 2)
F4	FLUORESCENT LIGHTING FITTING, WITH REFLECTOR, FIXED DIRECTLY TO CEILING (40 W x 2)
F5	FLUORESCENT LIGHTING FITTING, WITH COVER, FIXED DIRECTLY TO WALL (40 W)
F6	FLUORESCENT LIGHTING FITTING, WITH REFLECTOR, FIXED DIRECTLY TO CEILING OR RACEWAY (110 W)
F7	FLUORESCENT LIGHTING FITTING, WITH REFLECTOR, FIXED DIRECTLY TO WALL (110 W)
F8	FLUORESCENT LIGHTING FITTING, WITH REFLECTOR, FIXED DIRECTLY TO CEILING OR RACEWAY (110 W x 2)
F9	FLUORESCENT LIGHTING FITTING, WITH REFLECTOR, FIXED DIRECTLY TO WALL (110 W x 2)
N1	HIGH-PRESSURE SODIUM LIGHTING FITTING, FIXED DIRECTLY TO CEILING (150 W)
N2	HIGH-PRESSURE SODIUM LIGHTING FITTING, FIXED DIRECTLY TO CEILING (250 W)
M1	METAL-HALIDE LIGHTING FITTING, FIXED DIRECTLY TO CEILING (300 W)
M2	METAL-HALIDE LIGHTING FITTING, FIXED DIRECTLY TO CEILING (400 W)
E1	EMERGENCY LIGHTING FITTING WITH ARROW ENGRAVED ON THE DIFFUSER (20 W)
E2	EMERGENCY LIGHTING FITTING WITH "EXIT" ENGRAVED ON THE DIFFUSER (20 W)
H1	MERCURY-VAPOR LIGHTING FITTING, POLE, 15 M HIGH (700 W x 6)
H2	MERCURY-VAPOR LIGHTING FITTING, POLE, 8 M HIGH (250 W x 2)
H3	MERCURY-VAPOR LIGHTING FITTING, POLE, 8 M HIGH (250 W)
H4	MERCURY-VAPOR LIGHTING FITTING, POLE 3.5M HIGH WITH INSECT KILLER (200 W)
H5	MERCURY-VAPOR LIGHTING FITTING, POLE, 1.2 M HIGH APPROACH LIGHT (40 W)
	15-A, SINGLE-PHASE, DUPLEX-SOCKET OUTLET WITH GROUNDING POLE
EXF	15-A, SINGLE-PHASE, SINGLE-SOCKET OUTLET WITH GROUNDING POLE FOR EXHAUST FAN
20	20-A, SINGLE-PHASE, SINGLE-SOCKET OUTLET WITH GROUNDING POLE FOR AIR CONDITIONER
	5-A, ONE-WAY TUMBLER SWITCH
3	5-A, THREE-WAY TUMBLER SWITCH
P O B	PUSH-BUTTON STATION
M	MOTOR (FURNISHED BY MECHANICAL WORK)
	DISTRIBUTION BOARD
	CONTROL PANEL (FURNISHED BY MECHANICAL WORK)
	MOULDED-CASE CIRCUIT BREAKER
	MOULDED-CASE CIRCUIT BREAKER, WITH EARTH-LEAKAGE DETECTING DEVICE
	GROUND
	ISOLATING SWITCH-FUSE, METAL-ENCLOSED, TRIPLE-POLE AND NEUTRAL

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B	1 AUG. '84	[illegible]	[illegible]	[illegible]	K.M.	[illegible]
A	15 FEB. '84	[illegible]	[illegible]	[illegible]	K.M.	[illegible]

LEGEND

PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE: NONE

DRAWING NO: AG - 003

EXTERNAL FINISH SCHEDULE

DESCRIPTIONS / BUILDING	ROOF: CLAY ROOFING TILE	ROOF: CORRUGATED ASBESTOS CEMENT SHEET	ROOF: MORTAR STEEL TROWEL (TYPE 1)	ROOF: MORTAR STEEL TROWEL (TYPE 2)	ROOF: BUILT-UP ROOFING	ROOF: FIBERGLASS REINFORCED PLASTIC	ROOF: WIRE GLASS	FASCIA: PAINT ON METAL PLATE	FASCIA: SPRAYED ACRYLIC RESIN COATING	FASCIA: FAIR FACED CONCRETE	SOFFIT: SPRAYED ACRYLIC RESIN COATING ON ASBESTOS CEMENT BOARD	SOFFIT: WOOD	WALL: BRICK MASONRY	WALL: SPRAYED ACRYLIC RESIN COATNG	COLUMN: PAINT	BEAM: PAINT	FLOOR: QUARRY TILE	FLOOR: ASPHALT CONCRETE	FLOOR: MORTAR STEEL TROWEL FINISH	REMARKS
AIRPORT TERMINAL STATION																				
TERMINAL BUILDING			○							○			○							
TERMINAL BUILDING (DECORATIVE ROOF)	○						○	○			○				○	○	○			EXCEPT CONCOURSE FLOOR
BOOKING OFFICE			○							○			○							
PLATFORM	○							○							○	○	○			
KOTA INTAN STATION																				
PLATFORM		○													○	○		○		
STATION BUILDING			○						○		○			○						
SIGNAL TELECOM DEVICE ROOM AND STORAGE				○										○						
TRAIN CONTROL OFFICE AND SIGNAL TELECOM OFFICE			○											○						
STATION PLAZA																		○		EXCEPT CONCOURSE FLOOR
BUS STOP SHELTER				○											○	○				
SIGNAL CABIN																				
A	○							○			○			○						
B	○							○			○			○						
CROSSING WATCHMAN'S BOX			○											○						
DUMP YARD													○					○		

(TYPE 1) WITHOUT INSULATION

(TYPE 2) WITH RIGID INSULATION 50mm THK.

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EXTERNAL FINISH SCHEDULE

PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE: NONE

DRAWING NO: AA - 001

AIRPORT TERMINAL STATION — INTERNAL FINISH SCHEDULE - I

BUILDING	ROOM NAME	FINISHED FLOOR PLAN LEVEL FROM GL±0	FLOOR: MARBLE TILE	FLOOR: TERRAZZO TILE	FLOOR: QUARRY TILE	FLOOR: RESILIENT FLOOR TILE	FLOOR: UNGLAZED CERAMIC MOSAIC TILE	FLOOR: CARPET	FLOOR: MORTAR STEEL TROWEL FINISH	SKIRTING: TERRAZZO TILE H=100mm	SKIRTING: RESILIENT COVE BASE H=100mm	SKIRTING: PAINT ON WOOD H=100mm	SKIRTING: MORTAR STEEL TROWEL FINISH H=100mm	SKIRTING: MATTE GLAZED COVE BASE CERAMIC TILE H=100mm	WALL: PAINT ON MORTAR STEEL TROWEL FINISH	WALL: MORTAR STEEL TROWEL FINISH	WALL: GYPSUM PLASTER	WALL: MATTE GLAZED CERAMC WALL TILE	WALL: BRICK MASONRY	WALL: MARBLE TILE	CEILING: MINERAL ACOUSTIC BOARD	CEILING: ASBESTOS CEMENT BOARD	CEILING: PAINT ON CONCRETE	CEILING: FAIR FACED CONCRETE	CEILING: WOOD	CEILING HEIGHT	REMARKS
TERMINAL BUILDING	1F CONCOURSE	100	○																○							—
	1F LOCKER SPACE	100	○																○							—
	1F INFORMATION	100	○																○							—
	1F PASSENGER WAITING CAFETERIA	100	○																○		◺					—
	1F V.I.P. WAITING ROOM	200						○				○					○				○					2500
	1F TOILET	200	○																	○	○					2500
	1F STATION MASTER'S OFFICE	200						○				○					○				○					2500
	1F STATION OFFICE	200				○					○				○						○					2500
	1F TICKET SALES	350				○					○				○						○					2500
	1F TICKET CHECK	200				○					○				○						○					2500
	1F STAFF LAVATORY	100					○						○					○				○				2600
	1F MECHANICAL ROOM	200						○				○				○								○		—	CABLE TRENCH W/CHECKERED PLATE
	1F POWER ROOM	200						○				○				○								○		—	
	1F MAINTENANCE AND JANITOR'S ROOM	200				○					○				○						○					2500	
	1F TELECOM OFFICE	200				○					○				○						○					2500	
	1F PANTRY	200				○					○				○						○					2500	
	1F STAIRCASE	-				○						○			○							○				—	W/NON-SLIP
	2F MEETING ROOM	3700		○						○					○						○					2500	
	2F POWER INSPECTION OFFICE	3700				○					○				○						○					2500	
	2F SIGNAL TELECOM OFFICE	3700				○					○				○						○					2500	
	2F REST ROOM	3700		○						○					○						○					2500	
	2F DINING ROOM	3700		○						○					○						○					2500	
	2F KITCHEN	3700		○						○					○						○					2500	
	2F STAFF LAVATORY	3600					○						○					○				○				2600	
	2F STAIRCASE	-				○						○			○							○				—	W/NON-SLIP
	3F ABLUTION ROOM	7100		○						○					○						○					2600	
	3F MUSHOLLA	7200	○												○							○				—	
	3F STAIRCASE	-				○						○			○						○					—	W/NON-SLIP
BOOKING OFFICE	TRAIN CONTROL OFFICE	200				○					○				○						○					2500	
	STATION OFFICE	200				○					○				○						○					2500	
	TICKET SALES	200				○					○				○						○					2500	
	BUS TICKET SALES	200				○					○				○						○					2500	
	SECURITY	200				○					○				○						○					2500	
	PORTER	200				○					○				○						○					2500	
	LAVATORY	100					○						○					○				○				2500	
	STORAGE	100						○				○				○										—	

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A	15 FEB. '88				K.M	M.K

INTERNAL FINISH SCHEDULE

(SHEET 1 OF 3)

PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE: NONE

DRAWING NO: AA - 002

KOTA INTAN STATION — INTERNAL FINISH SCHEDULE - 2

DESCRIPTIONS		FINISHED FLOOR LEVEL FROM GL±0	FLOOR											SKIRTING									WALL										CEILING						REMARKS
			MARBLE TILE	TERRAZZO TILE	QUARRY TILE	RESILIENT FLOOR TILE	UNGLAZED CERAMIC MOSAIC TILE	CARPET	MORTAR STEEL TROWEL FINISH	ASPHALT CONCRETE	PRECAST CONCRETE PAVER W/NON-SLIP			TERRAZZO TILE H=100mm	RESILIENT COVE BASE H=100mm	PRINT ON WOOD H=100mm	MORTAR STEEL TROWEL FINISH H=100mm	MATTE GLAZED COVE BASE CERAMIC TILE H=100mm					PAINT ON MORTAR STEEL TROWEL FINISH	MORTAR STEEL TROWEL FINISH	GYPSUM PLASTER	MATTE GLAZED CERAMIC WALL TILE	BRICK MASONRY	SPRAYED ACRYLIC RESIN COATING					MINERAL ACOUSTIC BOARD	PAINT ON ASBESTOS CEMENT BOARD	PAINT ON CONCRETE	FAIR FACED CONCRETE		CEILING HEIGHT	
BUILDING	ROOM NAME																																					
PLATFORM	STAIRCASE	-									○						○						○																—	
STATION BLDG.	CONCOURSE	0			○												○						○										○					6000	
	PASSENGERS' WAITING AND CAFETERIA	0			○												○						○										○					2500	
	PASSENGERS' LAVATORY	0					○											○							○									○					2500	
	PORTER	0				○									○								○										○					2500	
	MAINTENANCE AND JANITORS' ROOM	0				○									○								○											○				2500	
	STATION OFFICE	0				○									○								○										○					6000 2500	
	TICKET CHECK	0				○									○								○															—	
	STATION MASTER'S ROOM	0					○									○								○									○					2500	
	MEETING ROOM	0				○									○								○									○							2500	
	SECURITY	0				○									○								○									○							2500	
1F	STAFF LAVATORY	0					○										○							○									○					2500	
	STAFF LOCKER ROOM	0				○									○								○									○							2500	
	STORAGE	0						○								○								○												○			—	
	POWER ROOM	0						○								○								○												○			—	CABLE TRENCH W/CHECKERED PLATE
	MECHANICAL ROOM	0						○								○								○												○			—	
	CORRIDOR	0							○							○								○											○				—	
	COVERED SERVICE AREA	0			○											○								○											○				—	
	STAIRCASE	-				○									○																							—	W/NON-SLIP
	DINING ROOM	3500		○										○									○															2500	
	KITCHEN	3500		○										○									○															2500	
	ABLUTION ROOM	3400		○										○									○															2500	
	MUSHOLLA	3500	○																				○															2500	
2F	REST ROOM	3500		○										○									○															2500	
	LAVATORY	3400					○											○							○									○					2500	
	STAIRCASE	-				○									○																							—	W/NON-SLIP
SIGNAL TELECOM DEVICE ROOM AND STORAGE	SIGNAL TELECOM DEVICE ROOM	1000						○								○								○												○			2500	CABLE TRENCH W/CHECKERED PLATE
	STORAGE	0						○								○								○												○			3500	
TRAIN CONTROL OFFICE AND SIGNAL TELECOM OFFICE	TRAIN CONTROL OFFICE	8304				○									○								○												○			2500	
	SIGNAL TELECOM OFFICE	8304				○									○								○												○			2500	

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DIRECTORATE GENERAL OF LAND TRANSPORT
AND INLAND WATERWAYS

NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1 AUG. 89				K.M	
A	15 FEB. 89				K.M	

INTERNAL FINISH SCHEDULE

(SHEET 2 OF 3)

PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE: NONE

DRAWING NO: AA - 003

INTERNAL FINISH SCHEDULE - 3

BUILDING		DESCRIPTIONS / ROOM NAME	FINISHED FLOOR LEVEL FROM GL±0	FLOOR: MARBLE TILE	FLOOR: TERRAZZO TILE	FLOOR: QUARRY TILE	FLOOR: RESILIENT FLOOR TILE	FLOOR: UNGLAZED CERAMIC MOSAIC TILE	FLOOR: CARPET	FLOOR: MORTAR STEEL TROWEL FINISH	SKIRTING: TERRAZZO TILE H=100mm	SKIRTING: RESILIENT COVE BASE H=100mm	SKIRTING: PAINT ON WOOD H=100mm	SKIRTING: MORTAR STEEL TROWEL FINISH H=100mm	SKIRTING: MATTE GLAZED COVE BASE CERAMIC TILE H=100mm	WALL: PAINT ON MORTAR STEEL TROWEL FINISH	WALL: MORTAR STEEL TROWEL FINISH	WALL: GYPSUM PLASTER	WALL: MATTE GLAZED CERAMIC WALL TILE H=2100	WALL: BRICK MASONRY	WALL: MARBLE TILE	CEILING: MINERAL ACOUSTIC BOARD	CEILING: PAINT ON ASBESTOS CEMENT BOARD	CEILING: PAINT ON CONCRETE	CEILING: FAIR FACED CONCRETE	CEILING HEIGHT	REMARKS
SIGNAL CABIN A	1F	SIGNAL DEVICE ROOM	150							○				○			○								○	—	CABLE TRENCH W/CHECKERED PLATE
		POWER ROOM	150							○				○			○								○	—	DO
		LAVATORY	50					○							○	◁		▷				○				2500	
		STAIRCASE	-				○							○		○					○					—	W/NON-SLIP
	2F	SIGNAL CONTROL	4650				○							○		○					○					3800	
		STAFF ROOM	4650				○							○		○					○					2500	
		DRESSING ROOM	4650				○							○		○					○					2500	
		INSPECTORS' ROOM	4650				○							○		○					○					3800	
		STAIRCASE	-				○							○		○					○					—	W/NON-SLIP
SIGNAL CABIN B	1F	RELAY EQUIPMENT ROOM	150							○				○			○								○	—	CABLE TRENCH W/CHECKERED PLATE
		LAVATORY	50					○							○	◁		▷				○				2500	
		WAREHOUSE	150							○				○			○								○	—	
		STAIRCASE	-				○							○		○					○					—	W/NON-SLIP
	2F	SIGNAL HANDLING STAFF ROOM	4650				○							○		○					○					2500	
		STAFF ROOM	4650				○							○		○					○					2500	
		STAIRCASE	-				○							○		○					○					—	W/NON-SLIP
CROSSING WATCHMAN'S BOX		WATCHING ROOM	150							○				○			○								○	2150	

REPUBLIC OF INDONESIA
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B	1. AUG '89				K.M	
A	15 FEB. '89				K.M	

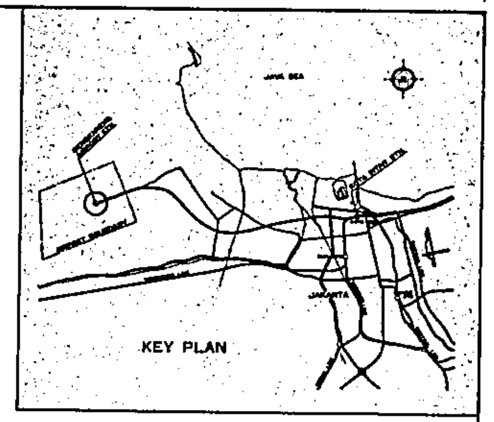
INTERNAL FINISH SCHEDULE

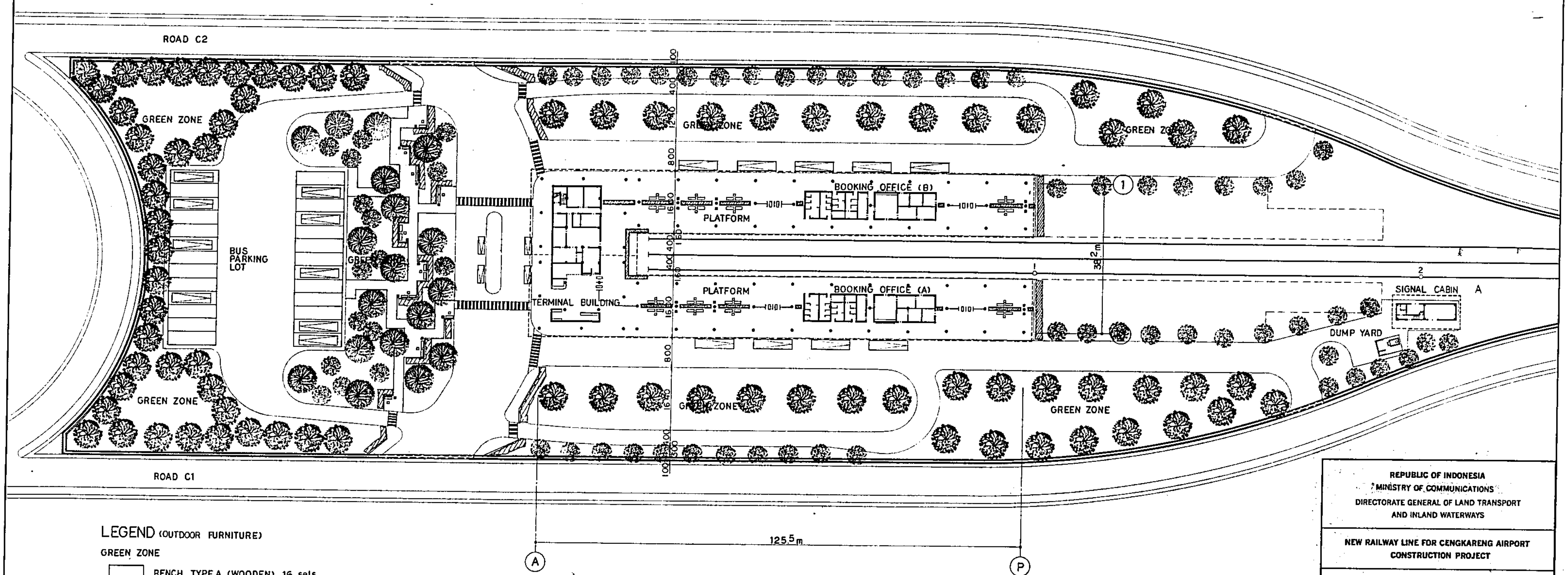
(SHEET 3 OF 3)

PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE: NONE

DRAWING NO: AA - 004





LEGEND (OUTDOOR FURNITURE)

GREEN ZONE

BENCH TYPE A (WOODEN)	16 sets
□	SMOKING STAND TYPE A	10 sets
■	WASTEBASKET TYPE A	10 sets

PLATFORM

BENCH TYPE B (FRP)	32 sets
□	SMOKING STAND TYPE B	16 sets
■	WASTEBASKET TYPE B	12 sets

SITE PLAN
SCALE 1:500

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JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1 AUG. '84	[illegible]	[illegible]	I. H	K.M	[illegible]
A	15 FEB. '84	[illegible]	[illegible]	[illegible]	K.M	[illegible]

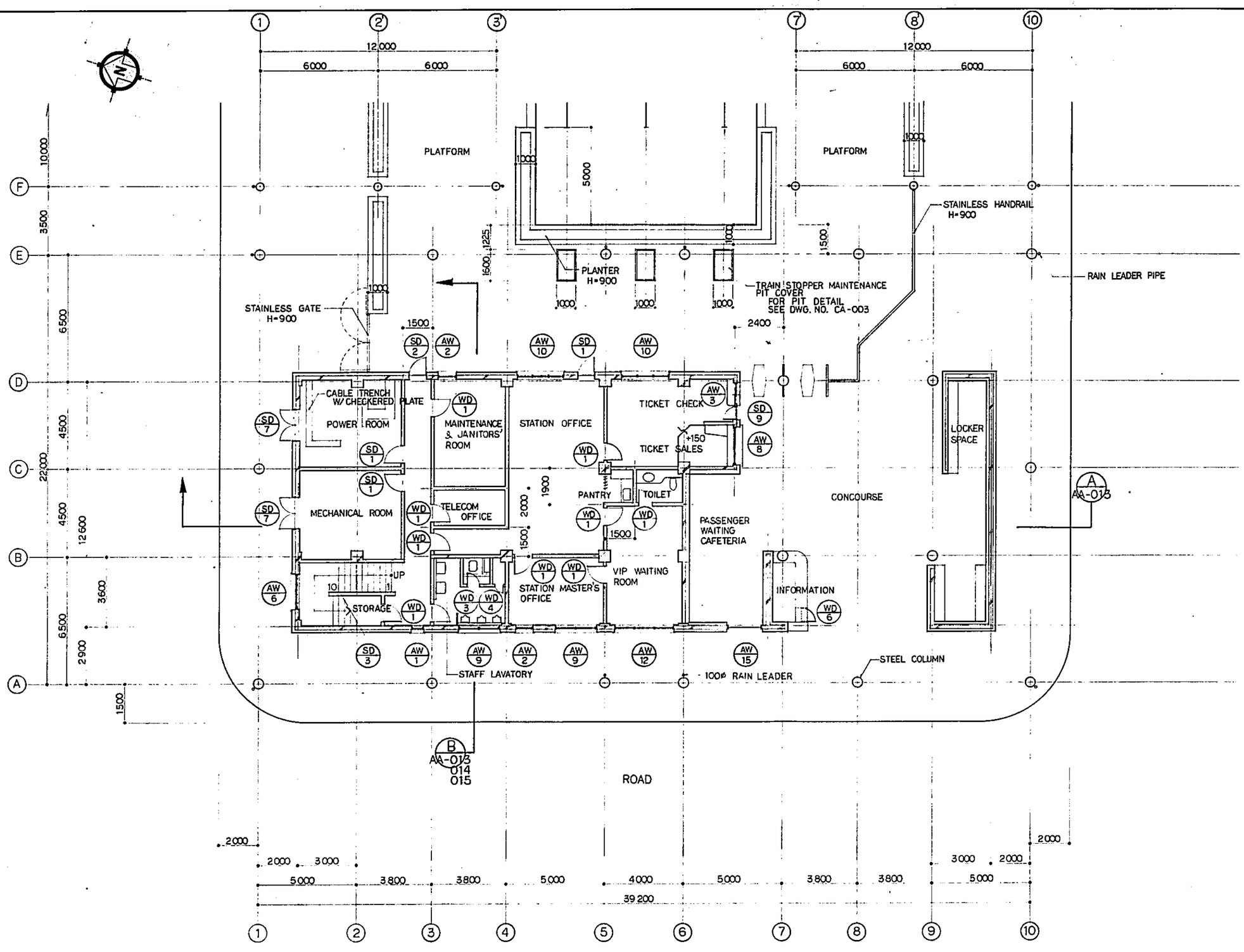
AIRPORT TERMINAL STATION

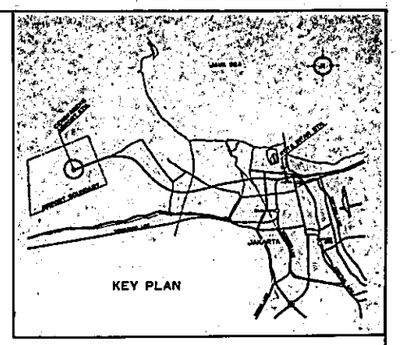
SITE PLAN

PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE: 1:500

DRAWING NO: AA - 005





1st FLOOR PLAN
SCALE 1:100

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NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

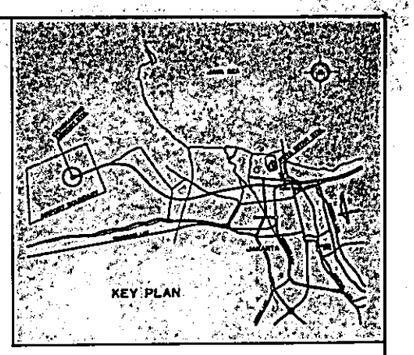
REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1 AUG. '89				K.M.	
A	6 FEB. '89				K.M.	

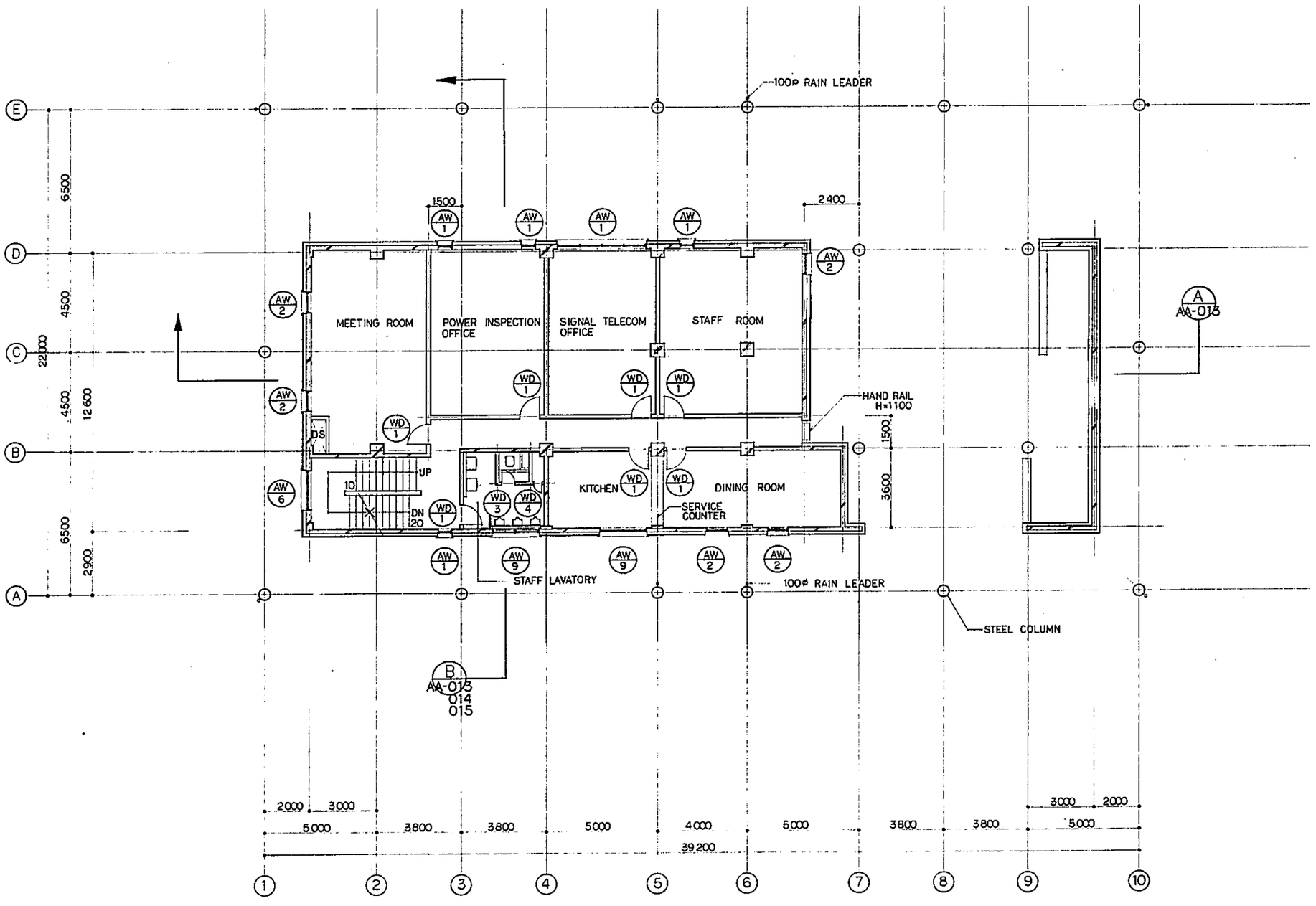
AIRPORT TERMINAL STATION
TERMINAL BLDG.
I.F. PLAN

PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE 1:100

DRAWING NO: AA - 006





2nd FLOOR PLAN
SCALE 1:100

REPUBLIC OF INDONESIA
MINISTRY OF COMMUNICATIONS
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NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

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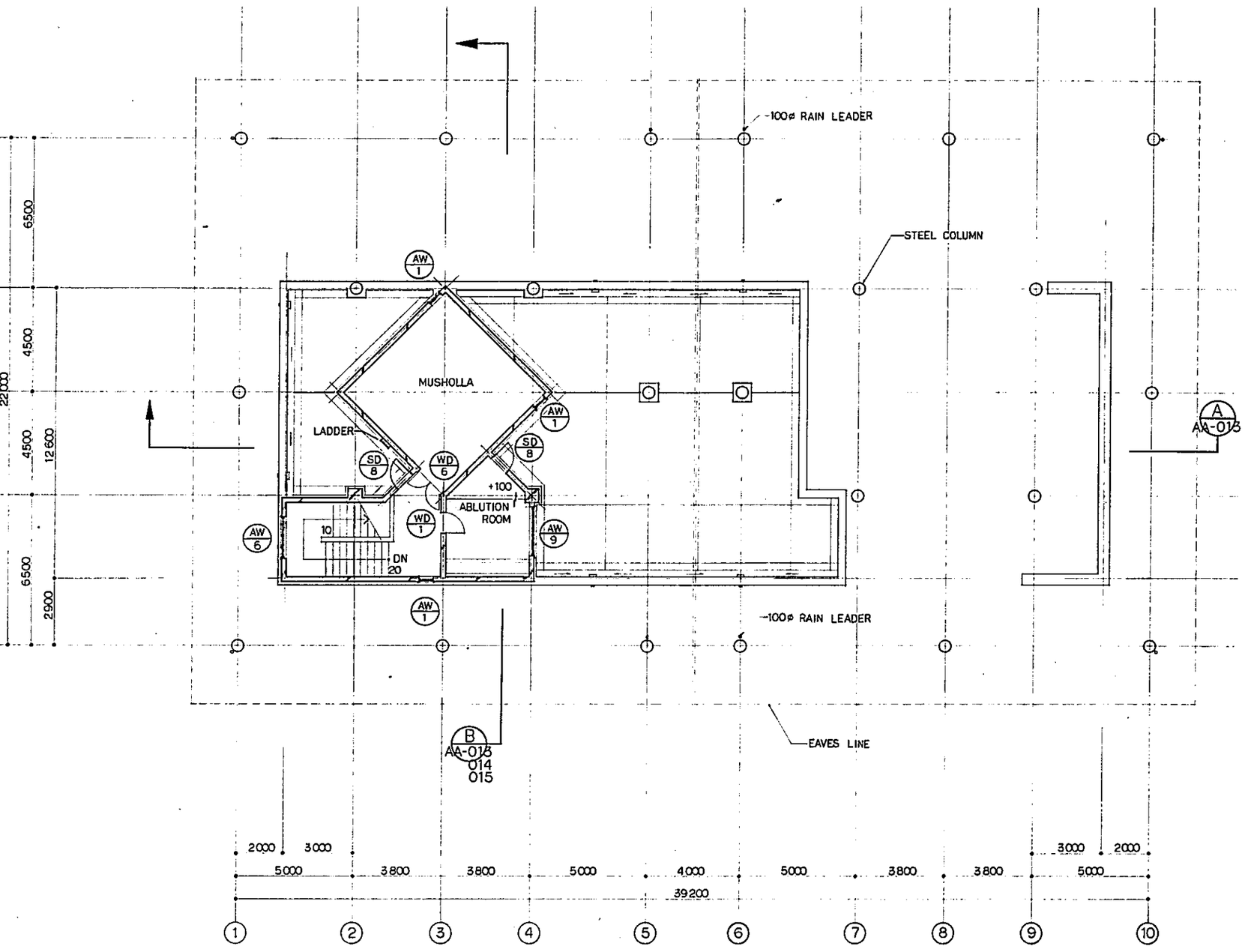
B	1 AUG. 89				K.M.	
A	15 FEB. 89				K.M.	

AIRPORT TERMINAL STATION
TERMINAL BLDG.
2F PLAN

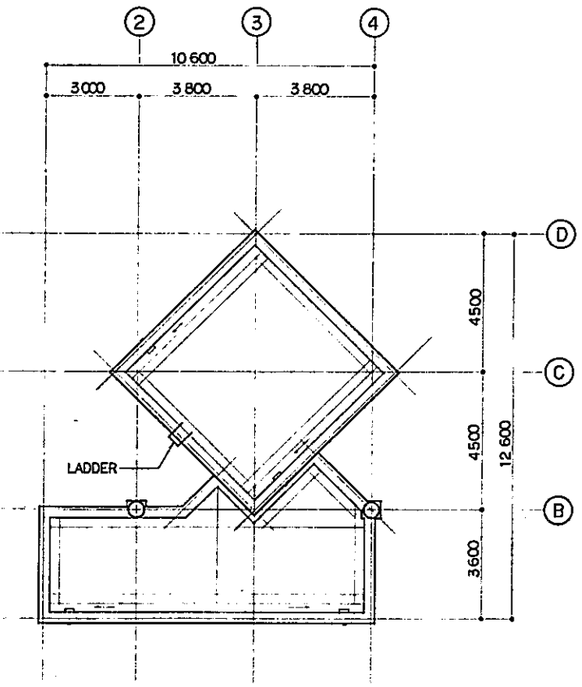
PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE 1:100

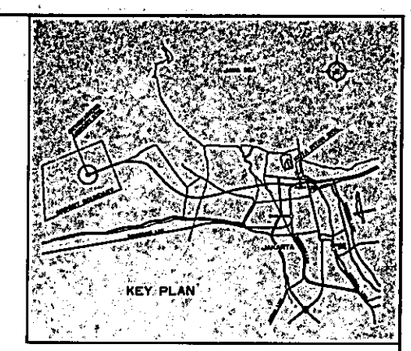
DRAWING NO. AA - 007



3rd FLOOR PLAN
SCALE 1:100



ROOF PLAN
SCALE 1:100



REPUBLIC OF INDONESIA
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NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

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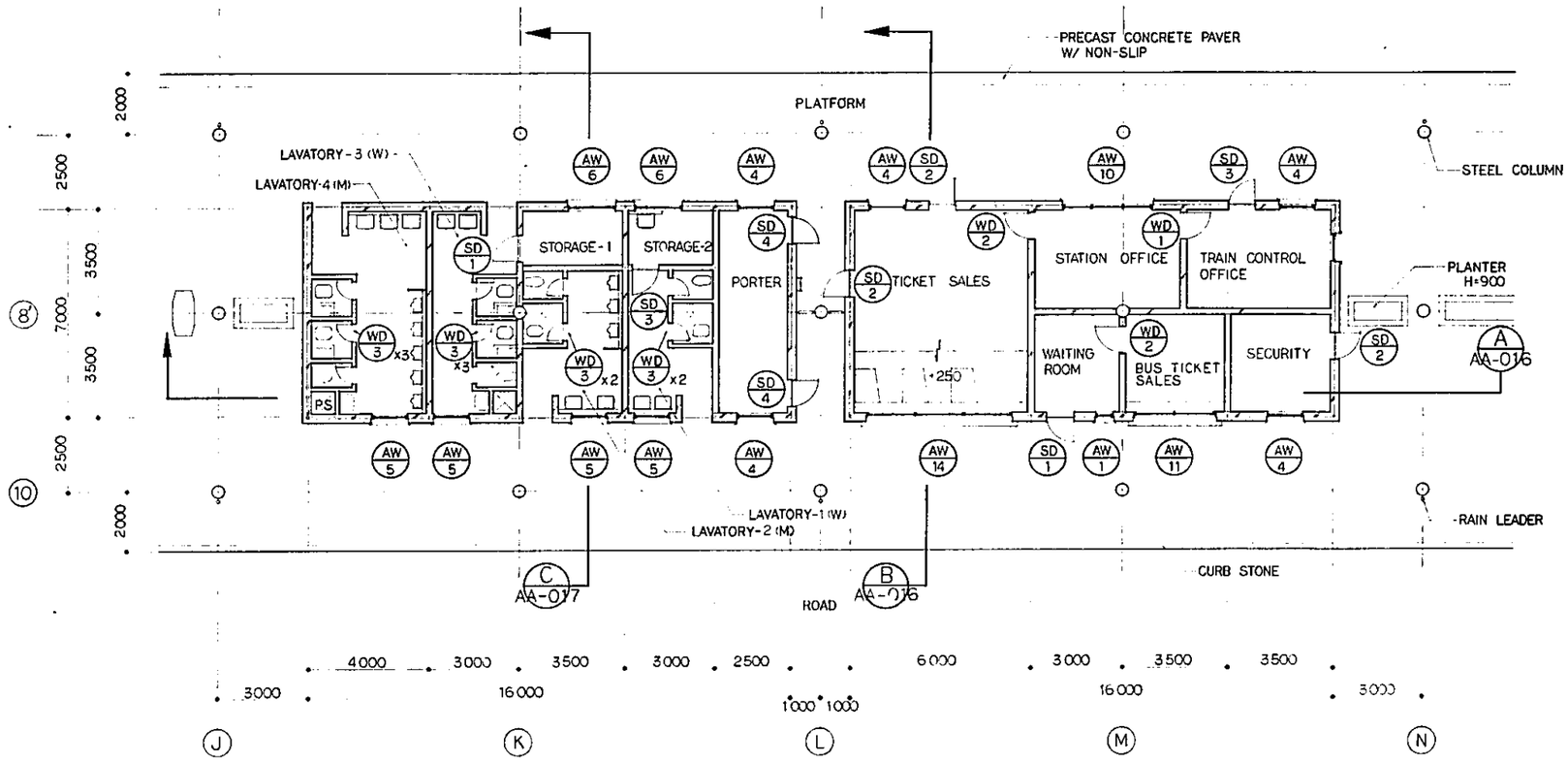
B	1 AUG. 89				K.M	
A	15 FEB. 89				K.M	

AIRPORT TERMINAL STATION
TERMINAL BLDG.
3F PLAN AND ROOF PLAN

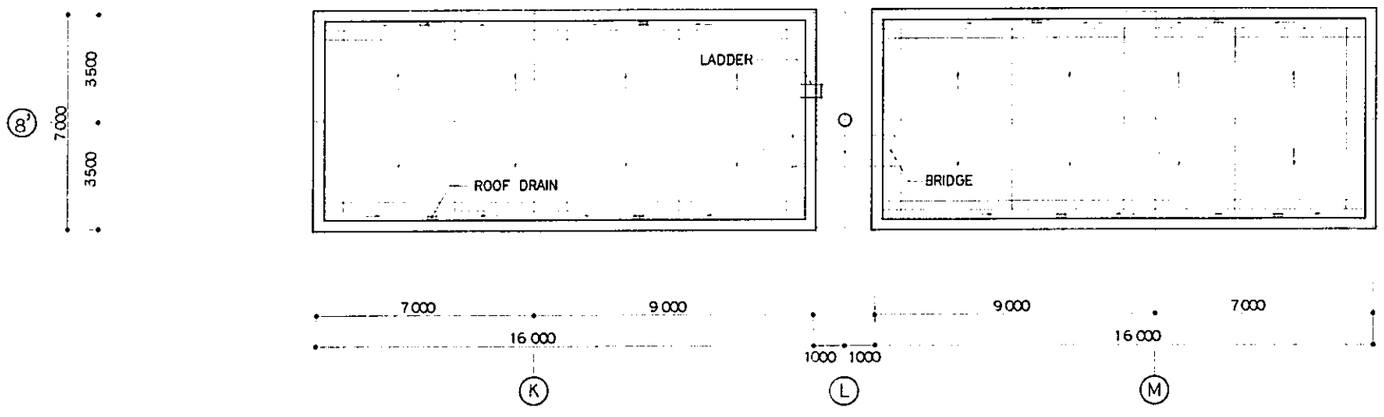
PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE: 1:100

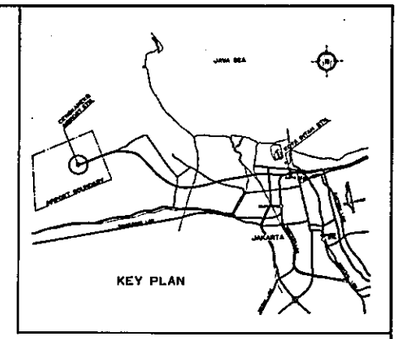
DRAWING NO.: AA - 008



FLOOR PLAN
SCALE 1:100



ROOF PLAN
SCALE 1:100



REPUBLIC OF INDONESIA
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NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

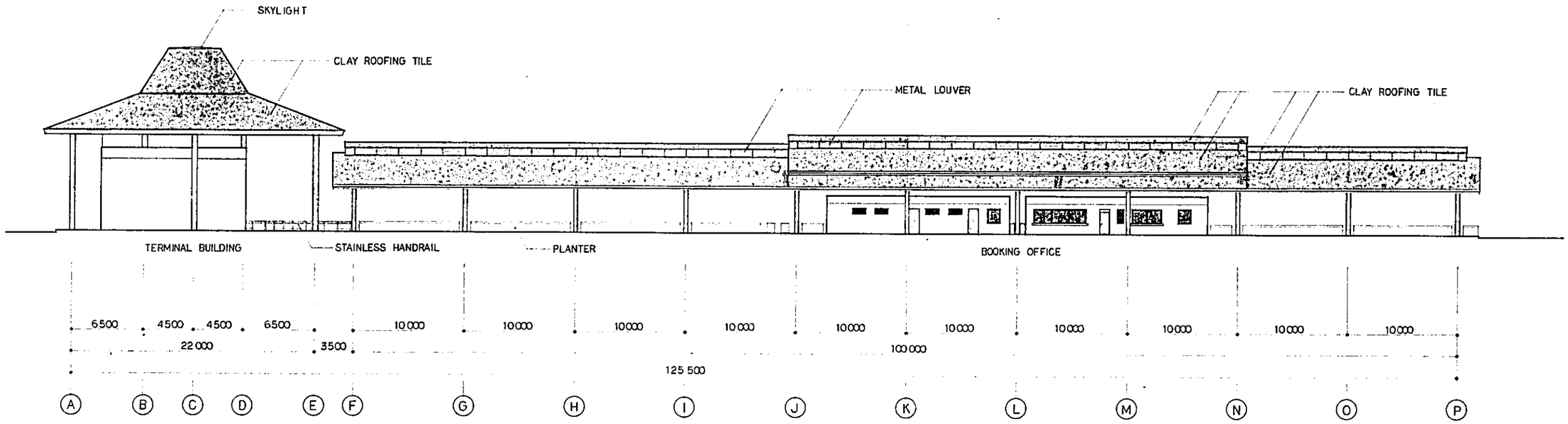
REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1 AUG. '89				K.M.	
A	15 FEB. '89				K.M.	

AIRPORT TERMINAL STATION
BOOKING OFFICE
FLOOR PLAN AND ROOF PLAN

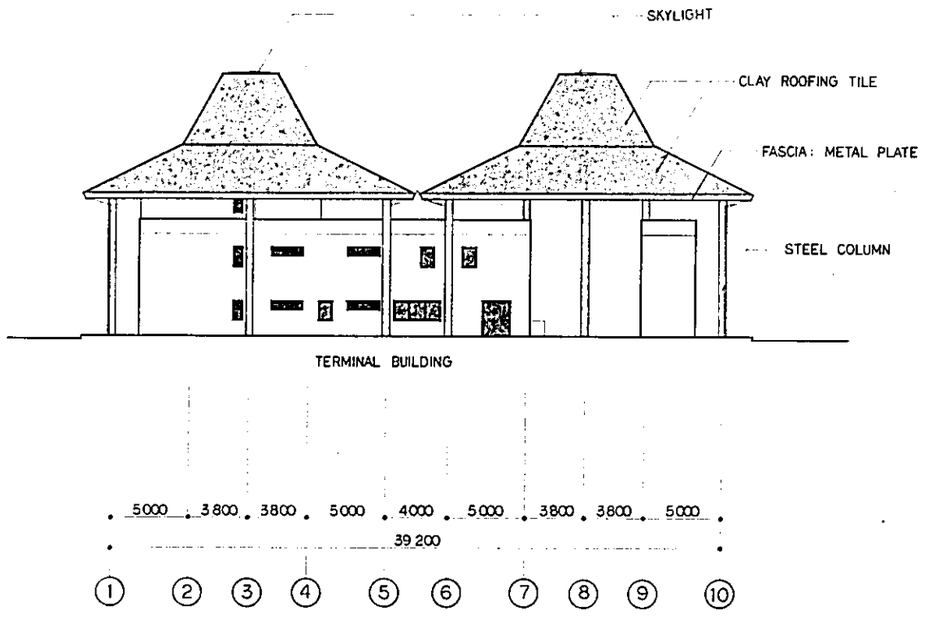
PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE: 1:100

DRAWING NO: AA - 009



SOUTH ELEVATION
SCALE 1 : 200



WEST ELEVATION
SCALE 1 : 200

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NEW RAILWAY LINE FOR CENGKARENG AIRPORT
CONSTRUCTION PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY
(JICA)

REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	ING. 89				K.M	M.K
A	15 FEB. 89				K.M	M.K

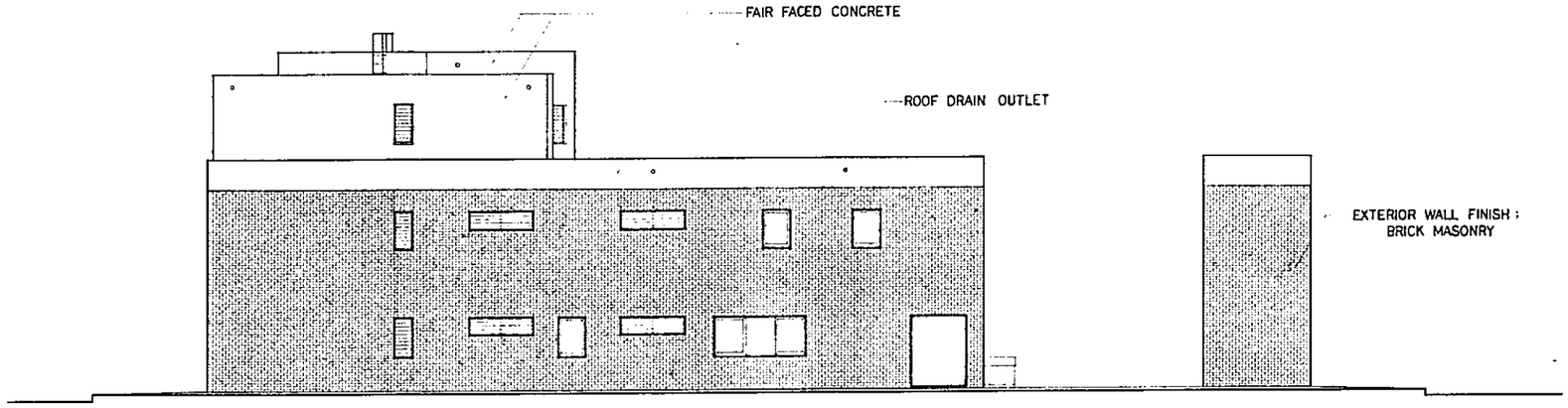
AIRPORT TERMINAL STATION

ELEVATIONS

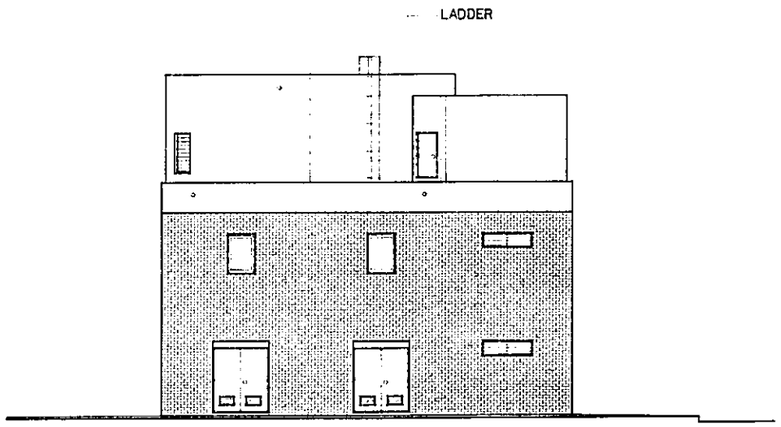
PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE 1:200

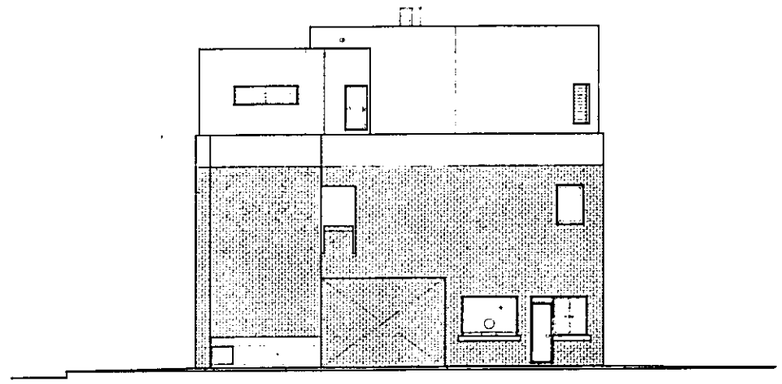
DRAWING NO: AA - 010



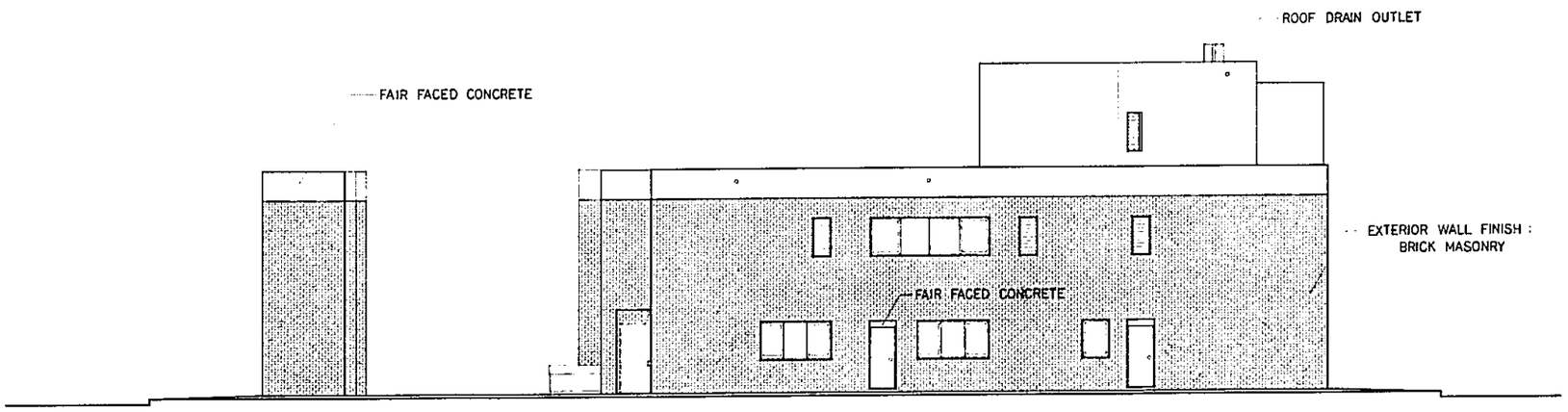
WEST ELEVATION
SCALE 1 : 100



NORTH ELEVATION
SCALE 1 : 100



⑦ LINE ELEVATION
SCALE 1 : 100



EAST ELEVATION
SCALE 1 : 100

REPUBLIC OF INDONESIA
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NEW RAILWAY LINE FOR CENGKARENG AIRPORT
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JAPAN INTERNATIONAL COOPERATION AGENCY
(JICA)

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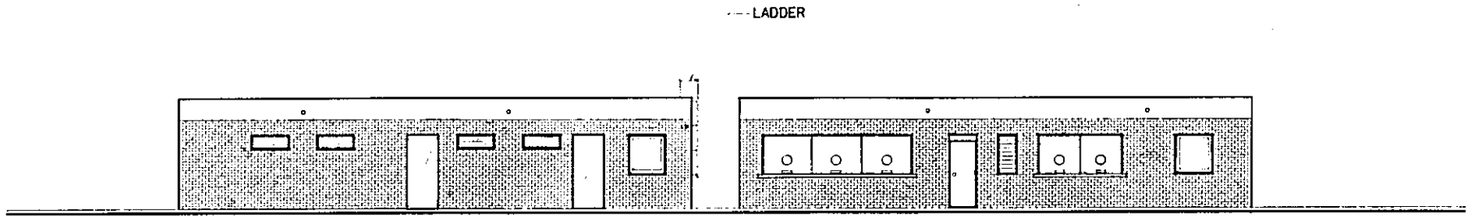
B	1 AUG. '89				K.M	
A	15 FEB. '89				K.M	

AIRPORT TERMINAL STATION
TERMINAL BLDG.
ELEVATIONS

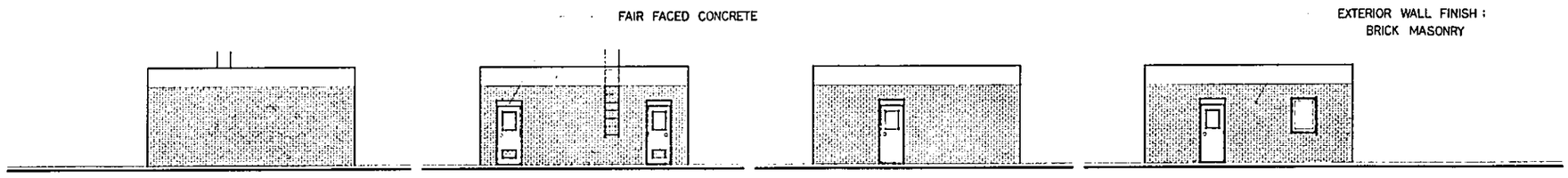
PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE 1:100

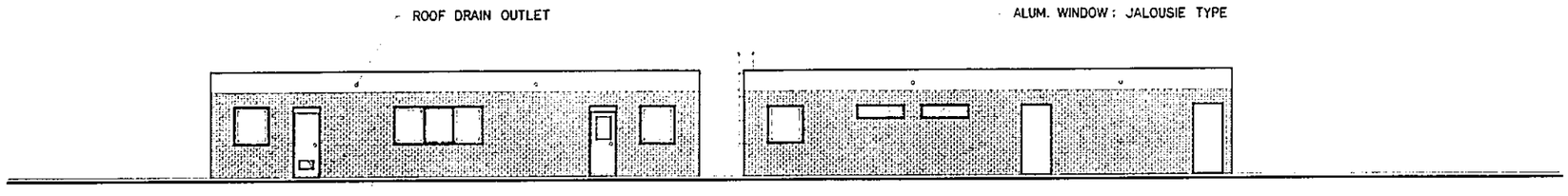
DRAWING NO: AA - 011



FRONT ELEVATION
SCALE 1:100



SIDE ELEVATIONS
SCALE 1:100



PLATFORM SIDE ELEVATION
SCALE 1:100

REPUBLIC OF INDONESIA
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NEW RAILWAY LINE FOR CENGKARENG AIRPORT
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JAPAN INTERNATIONAL COOPERATION AGENCY
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B	1 AUG. '89				K.M	
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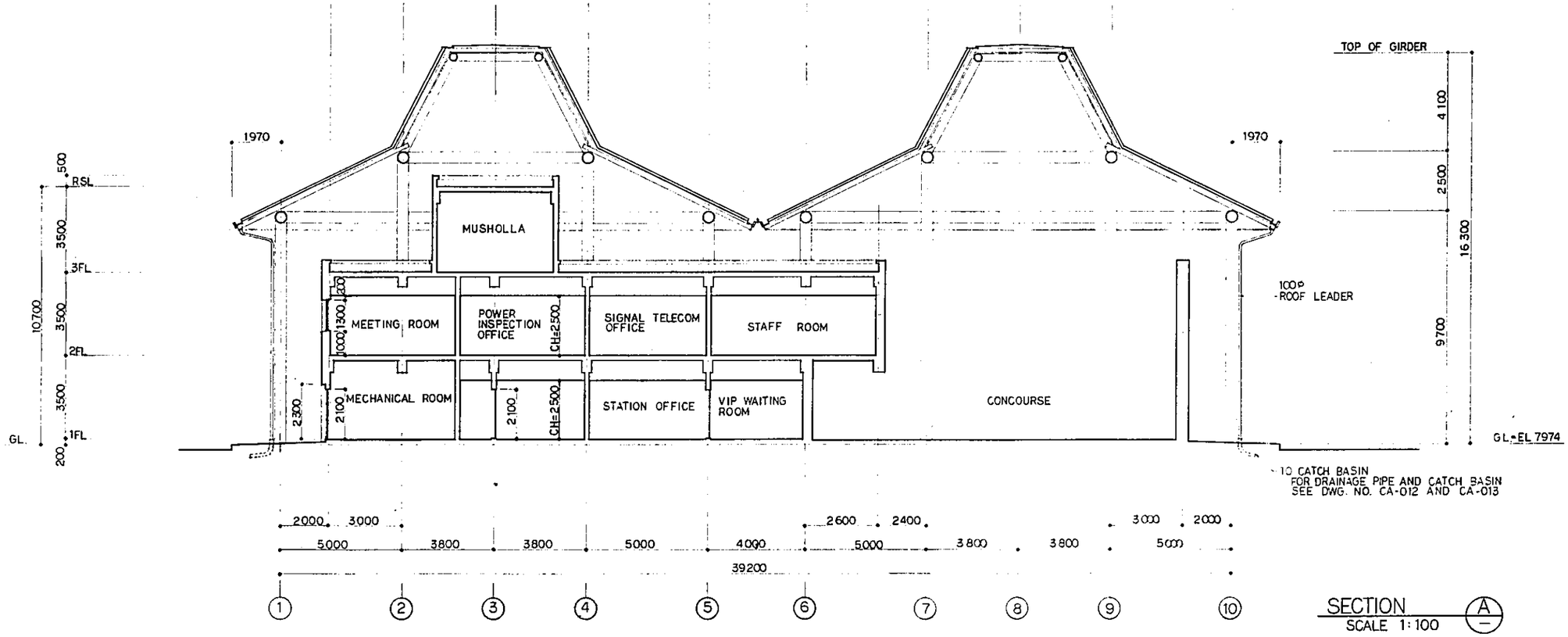
AIRPORT TERMINAL STATION
BOOKING OFFICE
ELEVATIONS

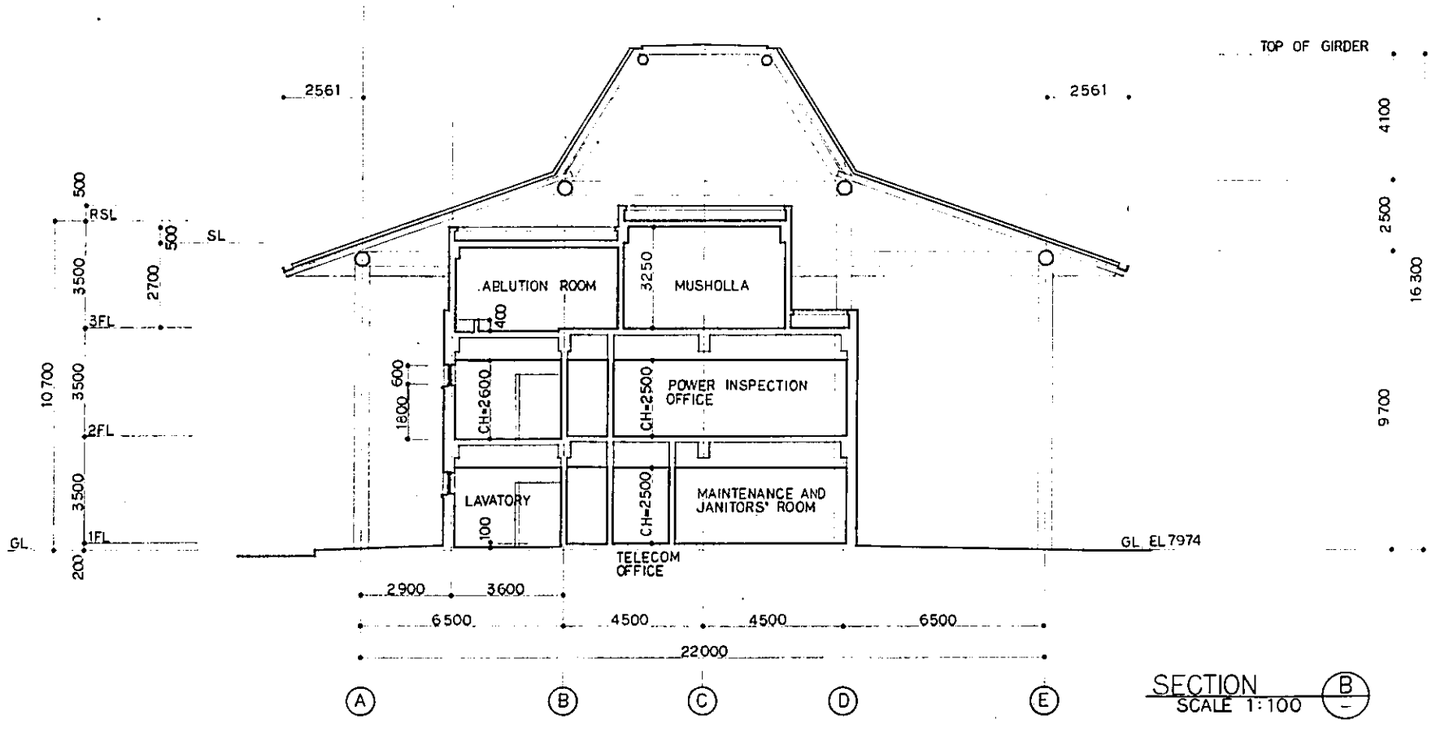
PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE 1:100

DRAWING NO: AA - 012



SECTION A
SCALE 1:100



SECTION B
SCALE 1:100

REPUBLIC OF INDONESIA
MINISTRY OF COMMUNICATIONS
DIRECTORATE GENERAL OF LAND TRANSPORT
AND INLAND WATERWAYS

NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

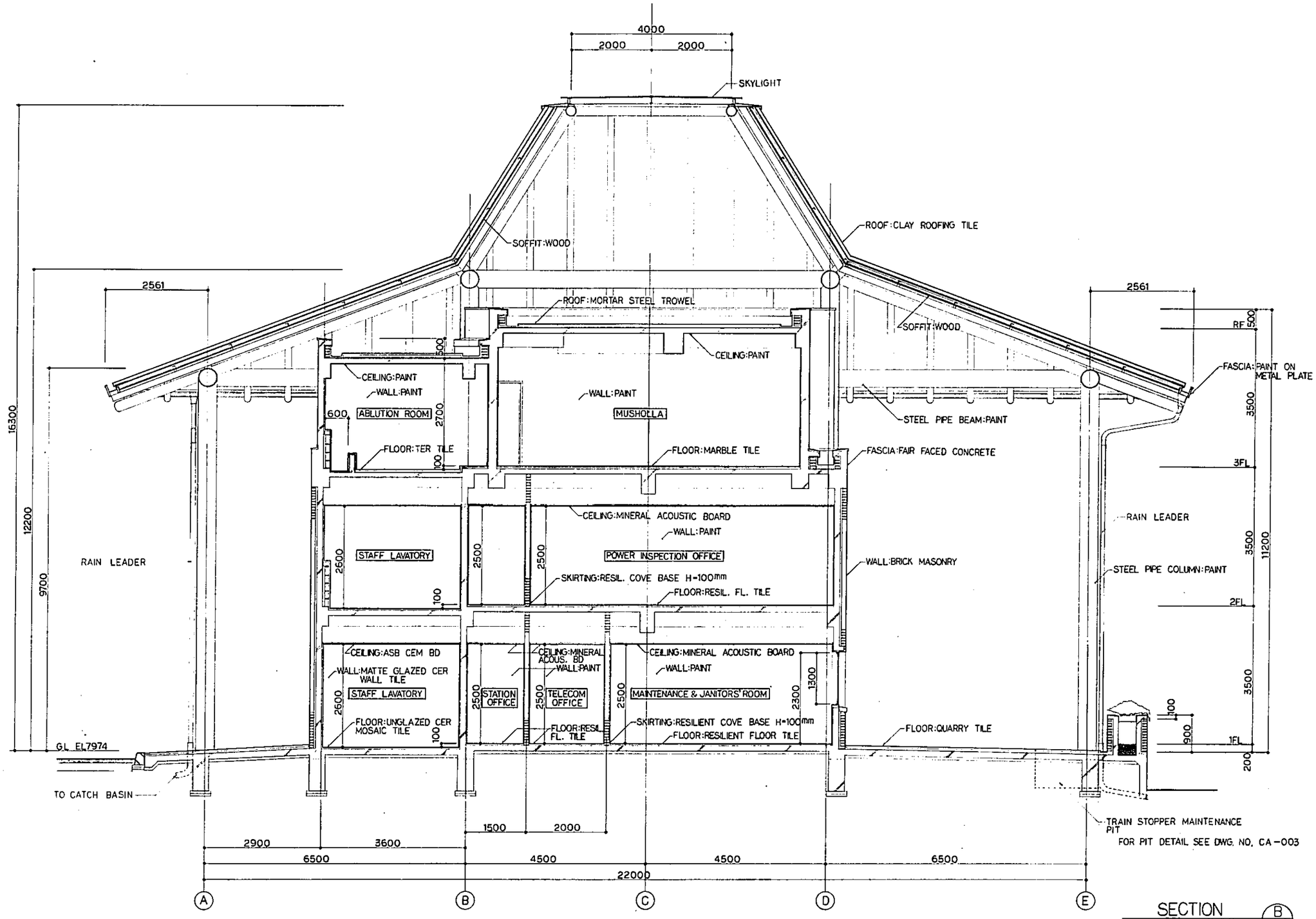
REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1 AUG. '91				K.M	
A	15 FEB '91				K.M	

AIRPORT TERMINAL STATION
TERMINAL BLDG.
SECTIONS
(SHEET 1 OF 2)

PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE 1:100

DRAWING NO: AA - 013



SECTION
SCALE 1:50 (B)

REPUBLIC OF INDONESIA
MINISTRY OF COMMUNICATIONS
DIRECTORATE GENERAL OF LAND TRANSPORT AND INLAND WATERWAYS

NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

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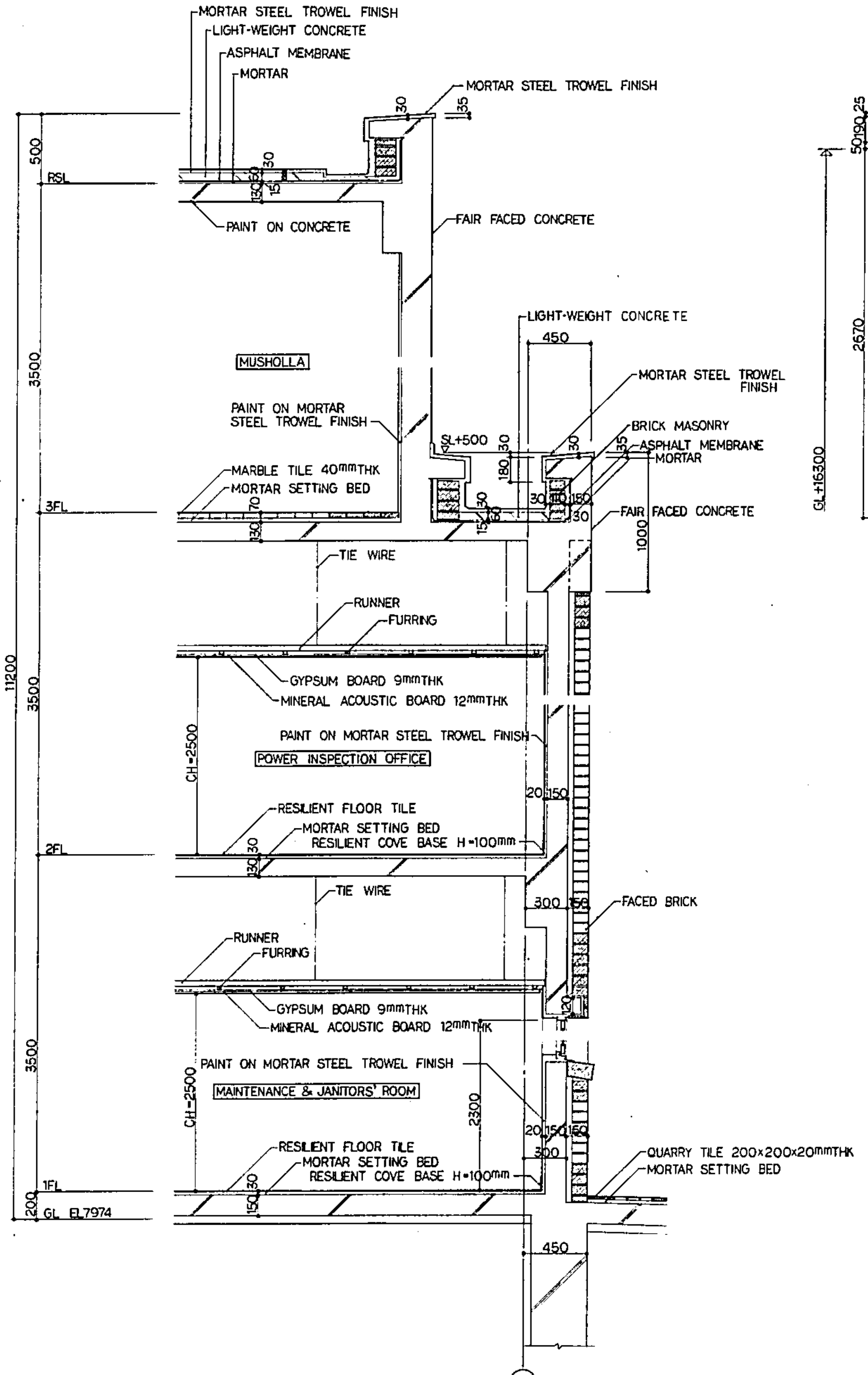
B	1 AUG '89				K.M.	
A	15 FEB '89				K.M.	

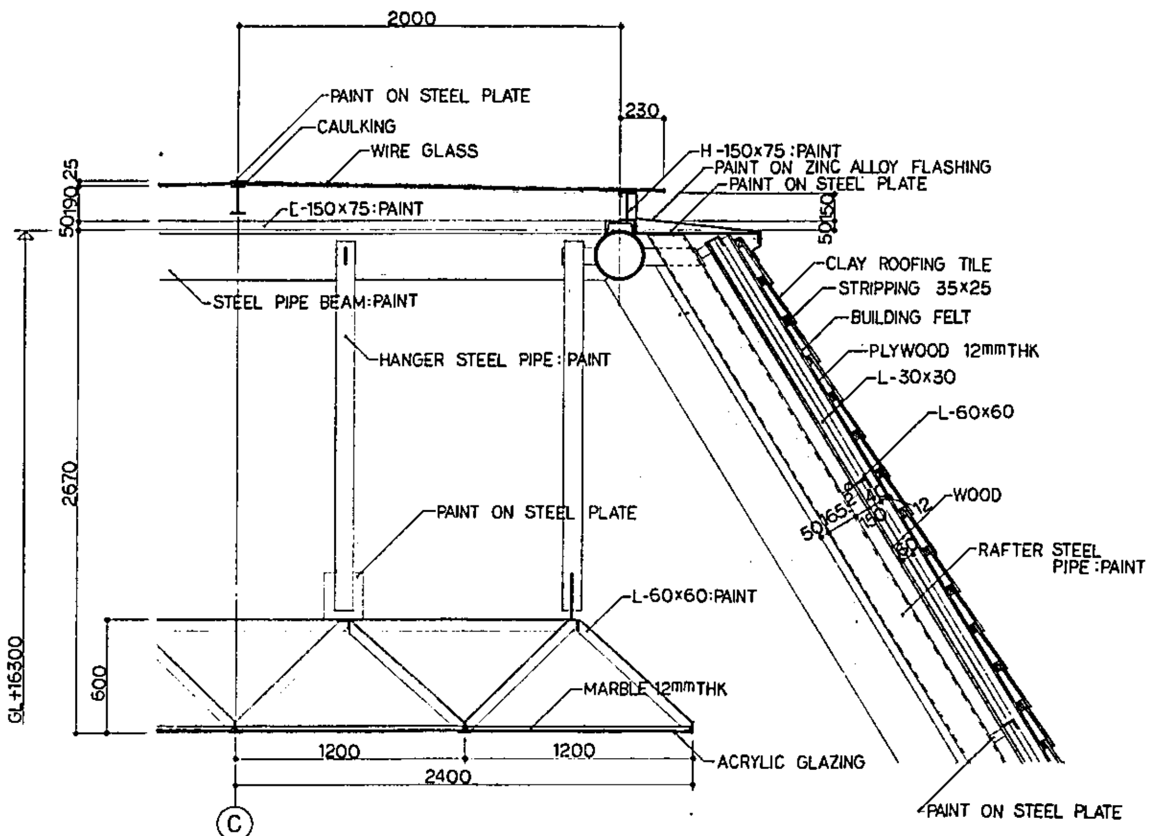
AIRPORT TERMINAL STATION
TERMINAL BLDG.
SECTIONS
(SHEET 2 OF 2)

PACKAGE: I CIVIL AND ARCHITECTURAL WORK

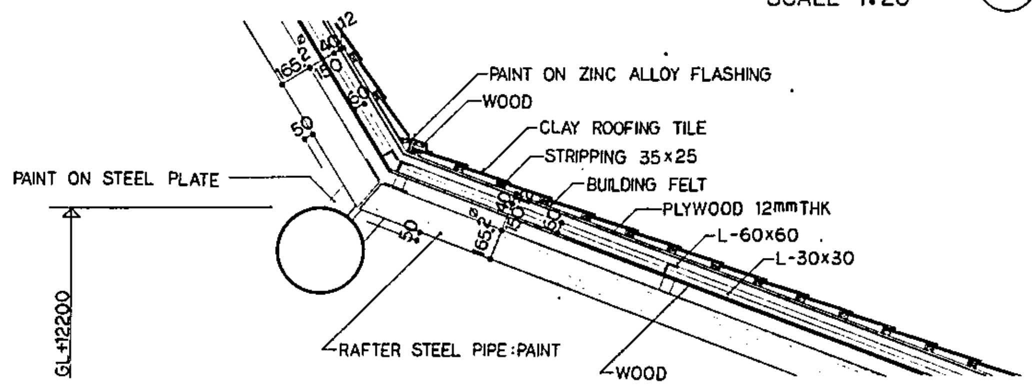
SCALE	DRAWING NO.
1:50	AA - 014



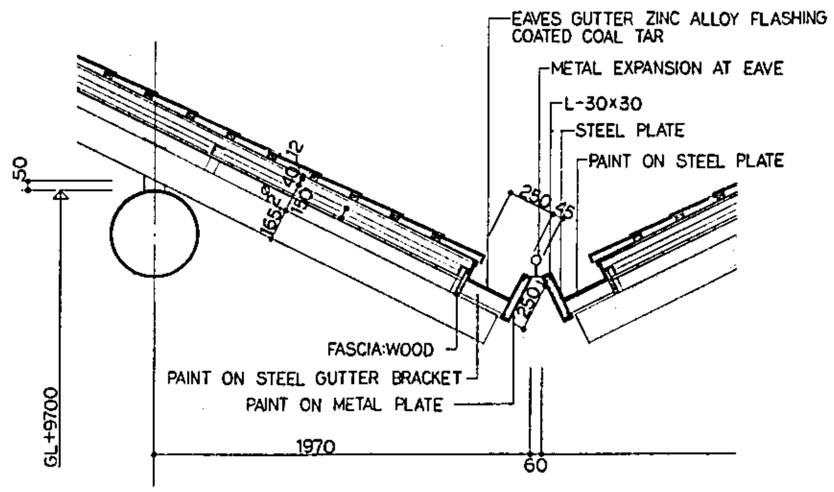
WALL SECTION (B)
SCALE 1:20



DETAIL (1)
SCALE 1:20



DETAIL (2)
SCALE 1:20



DETAIL (3)
SCALE 1:20

REPUBLIC OF INDONESIA
MINISTRY OF COMMUNICATIONS
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AND INLAND WATERWAYS

NEW RAILWAY LINE FOR CENGKARENG AIRPORT
CONSTRUCTION PROJECT

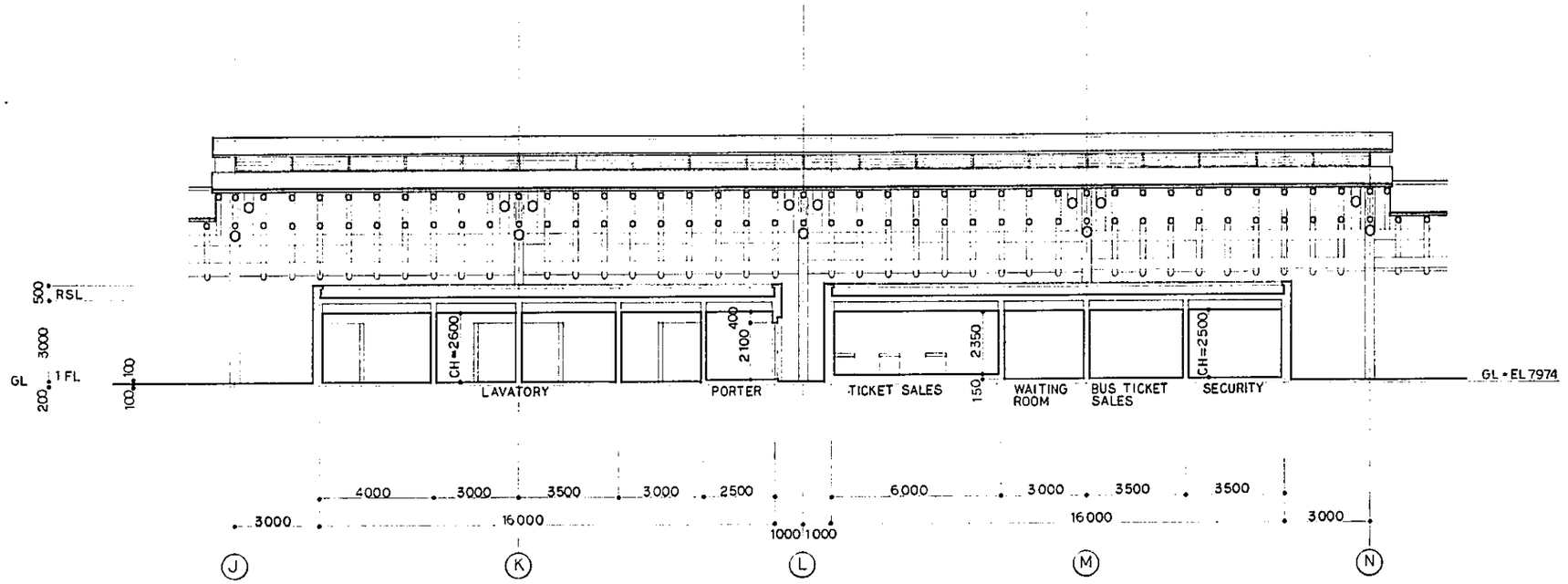
JAPAN INTERNATIONAL COOPERATION AGENCY
(JICA)

REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1 AUG. '89	[signature]	[signature]	[signature]	K.M.	[signature]
A	15 FEB. '84	[signature]	[signature]	[signature]	K.M.	[signature]

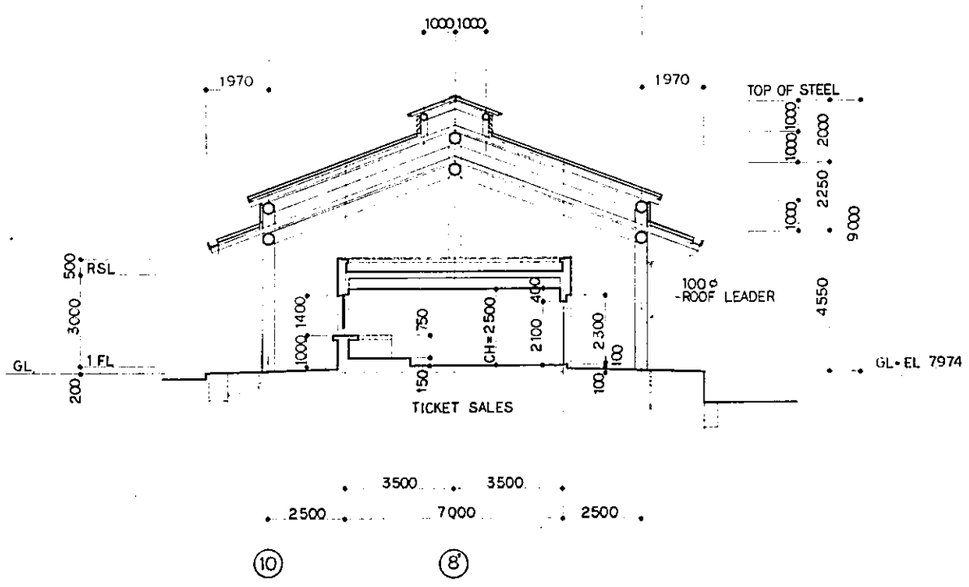
AIRPORT TERMINAL STATION
TERMINAL BLDG.
WALL SECTION AND DETAILS

PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE: 1:20
DRAWING NO: AA - 015



SECTION A
SCALE 1:100



SECTION B
SCALE 1:100

REPUBLIC OF INDONESIA
MINISTRY OF COMMUNICATIONS
DIRECTORATE GENERAL OF LAND TRANSPORT
AND INLAND WATERWAYS

NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

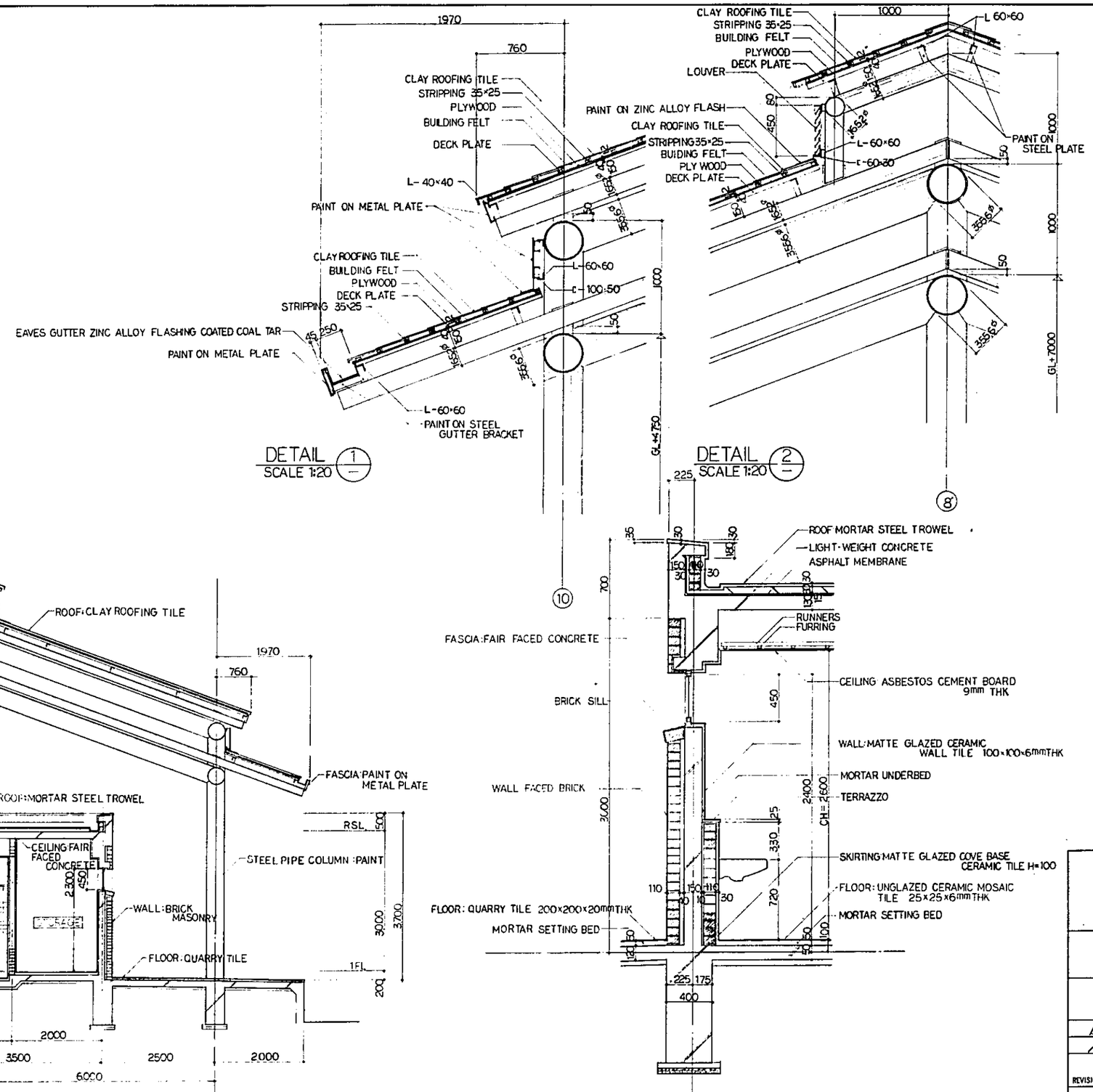
REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	14 AUG. '89	[illegible]	[illegible]	[illegible]	K.M	[illegible]
A	4 FEB. '89	[illegible]	[illegible]	[illegible]	K.M	[illegible]

AIRPORT TERMINAL STATION
BOOKING OFFICE
SECTIONS

PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE 1:100

DRAWING NO: AA - 16



REPUBLIC OF INDONESIA
MINISTRY OF COMMUNICATIONS
DIRECTORATE GENERAL OF LAND TRANSPORT
AND INLAND WATERWAYS

NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

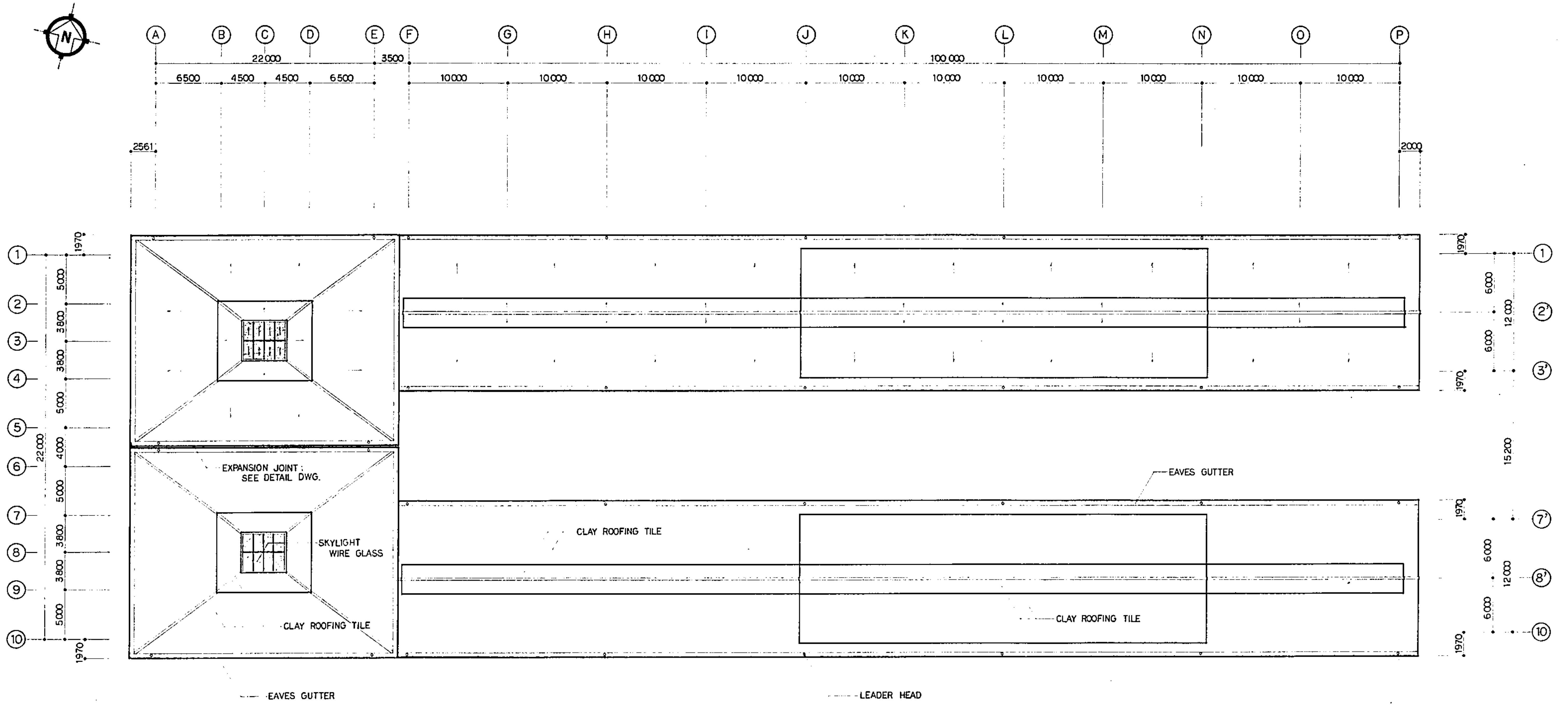
REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1 AUG. '89	[illegible]	[illegible]	[illegible]	K.M.	[illegible]
A	15 FEB. '89	[illegible]	[illegible]	[illegible]	K.M.	[illegible]

AIRPORT TERMINAL STATION BOOKING OFFICE SECTIONS

PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE: 1:20, 1:50

DRAWING NO: AA - 017



ROOF PLAN
SCALE 1:200

REPUBLIC OF INDONESIA
MINISTRY OF COMMUNICATIONS
DIRECTORATE GENERAL OF LAND TRANSPORT AND INLAND WATERWAYS

NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

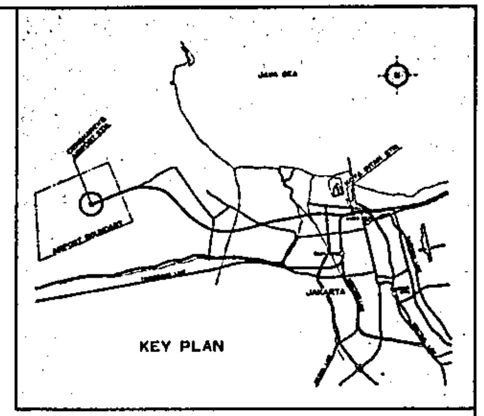
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

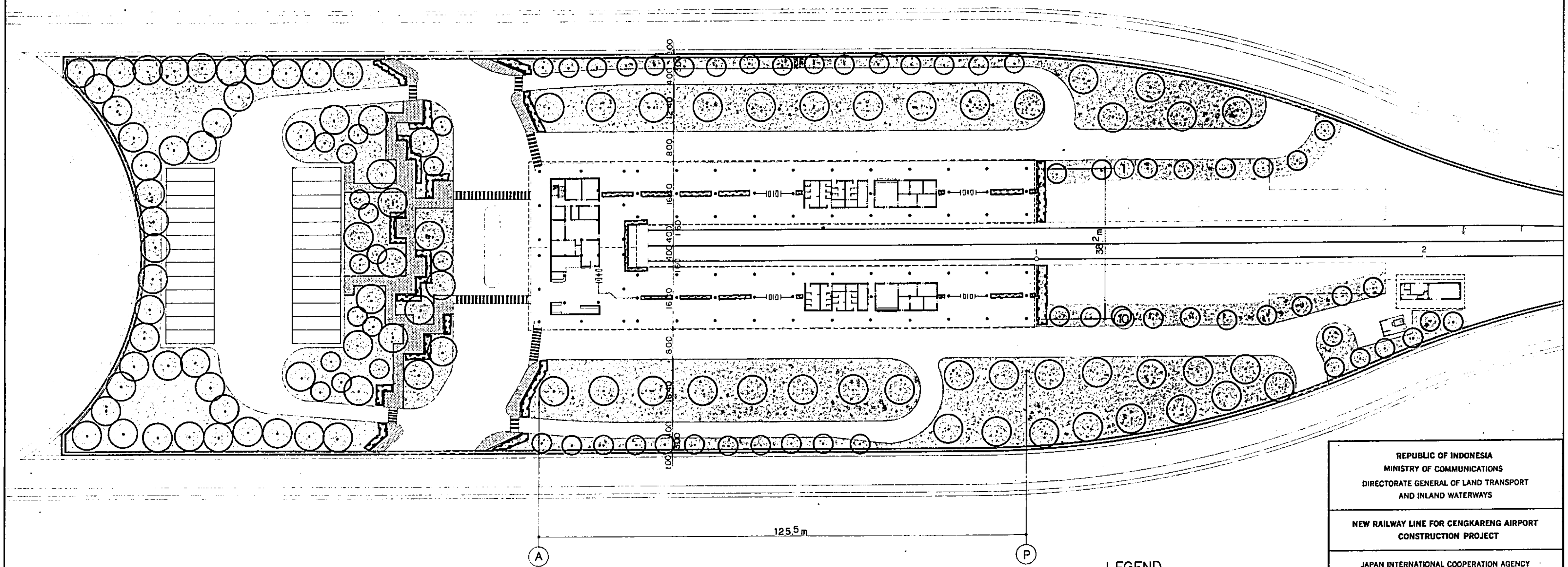
REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1 AUG. '89				K.M	
A	15 FEB. '89				K.M	

AIRPORT TERMINAL STATION
ROOF PLAN

PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE 1:200 | DRAWING NO: AA - 018





LANDSCAPING PLAN
SCALE 1 : 500

LEGEND

◯	TREE-TALL	96
○	TREE-MEDIUM	68
	SHRUB	408 m^2
	GREEN ZONE	13610 m^2
	PAVEMENT	790 m^2

REPUBLIC OF INDONESIA
MINISTRY OF COMMUNICATIONS
DIRECTORATE GENERAL OF LAND TRANSPORT
AND INLAND WATERWAYS

NEW RAILWAY LINE FOR CENGKARENG AIRPORT
CONSTRUCTION PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY
(JICA)

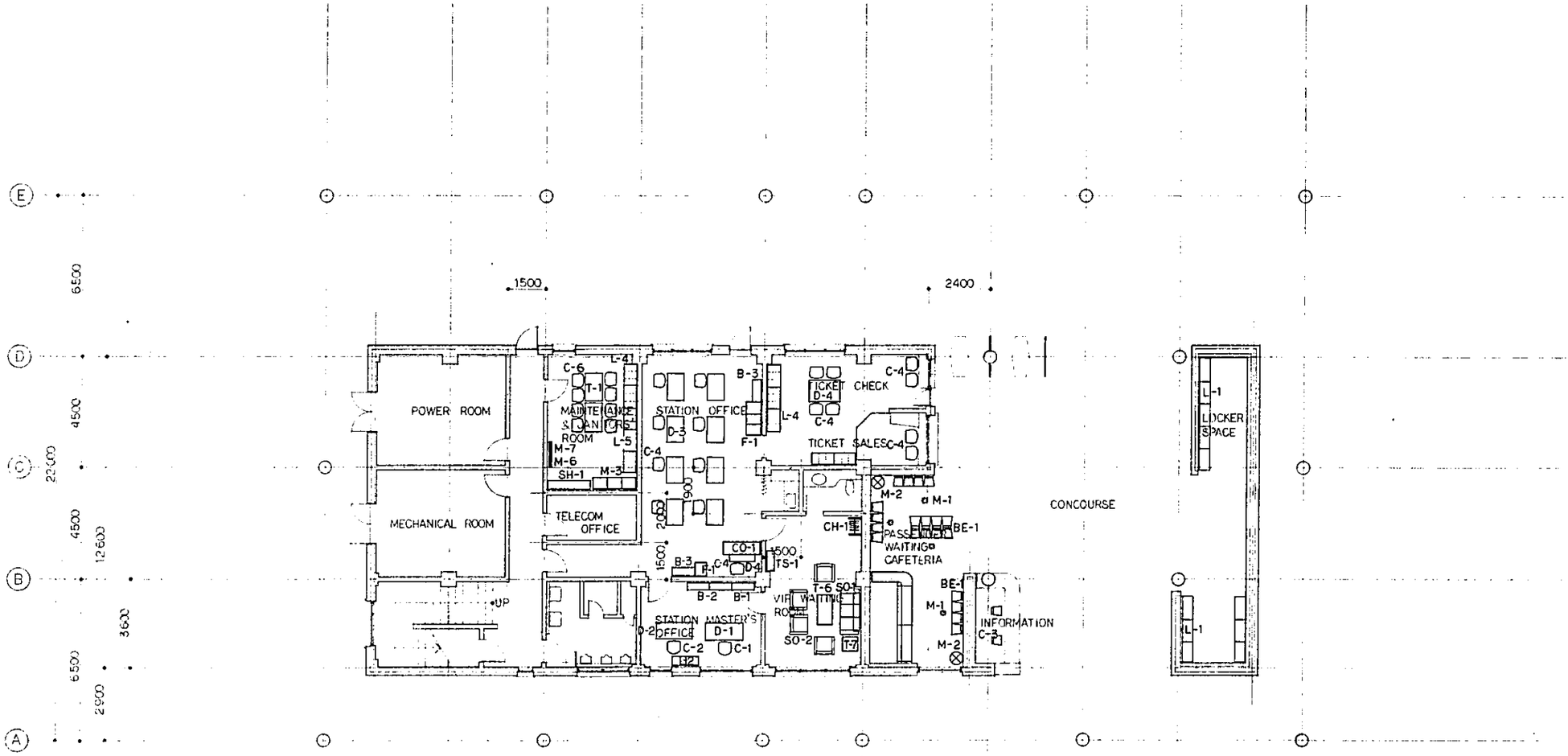
REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B.	1 AUG. 89	[illegible]	[illegible]	[illegible]	K.M	m.K
A	15 FEB. 89	[illegible]	[illegible]	[illegible]	K.M	m.K

AIRPORT TERMINAL STATION
LANDSCAPING PLAN

PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE 1:500 | DRAWING NO. AA - 019

NOTE:
REFER TO SPECIFICATIONS, SECTION: FURNITURE, FOR LIST OF PRODUCT REFERENCE DESIGNATIONS.



REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1 AUG. '89			I.M	K.M.	
A	15 FEB. '89				K.M.	

REPUBLIC OF INDONESIA
MINISTRY OF COMMUNICATIONS
DIRECTORATE GENERAL OF LAND TRANSPORT AND INLAND WATERWAYS

NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

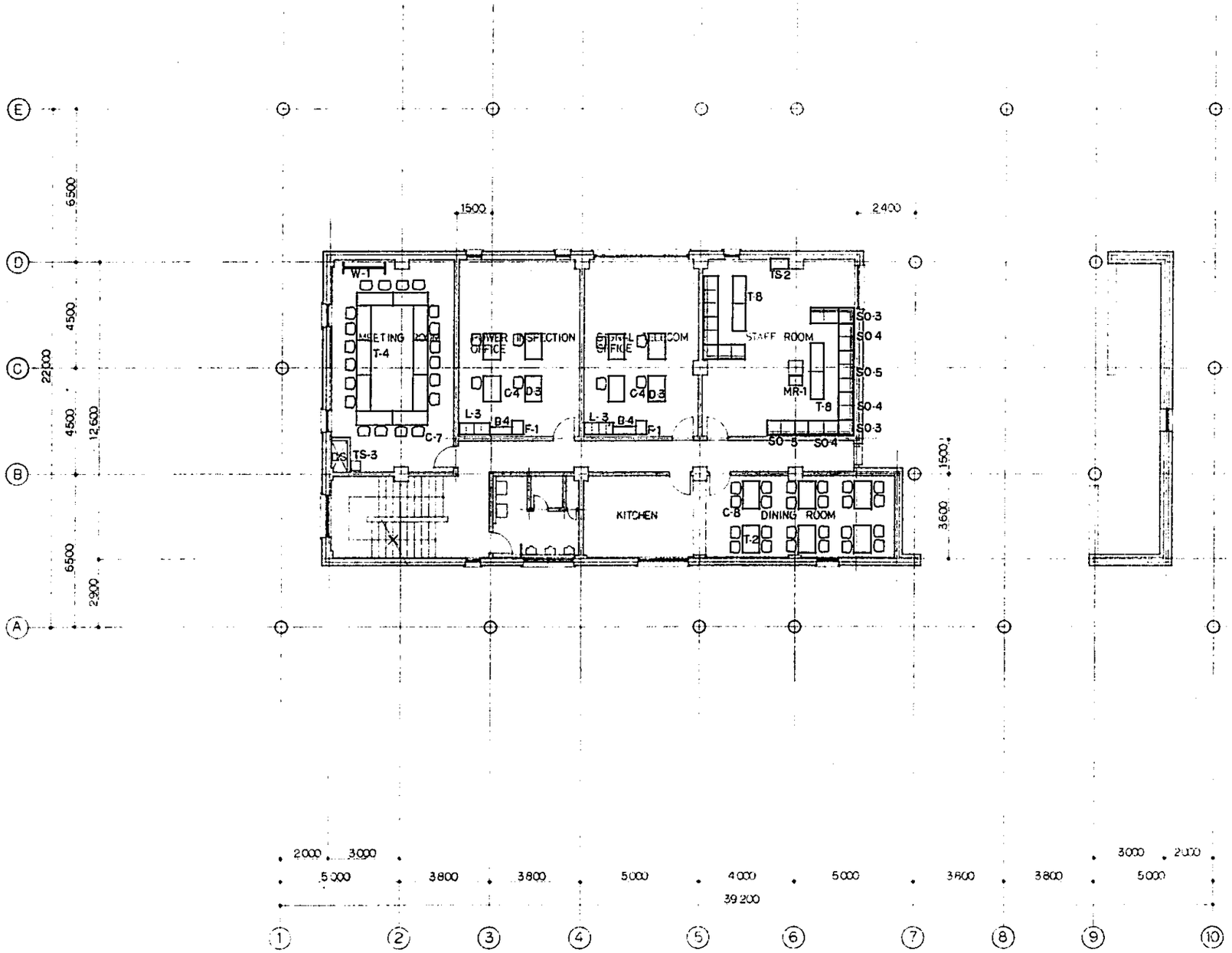
AIRPORT TERMINAL STATION FURNITURE LAYOUT PLAN (SHEET 1 OF 4)

PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE: 1:100

DRAWING NO: AA - 020

NOTE:
REFER TO SPECIFICATIONS SECTION "FURNITURE" FOR LIST OF PRODUCT REFERENCE DESIGNATIONS.



REPUBLIC OF INDONESIA
MINISTRY OF COMMUNICATIONS
DIRECTORATE GENERAL OF LAND TRANSPORT AND INLAND WATERWAYS

NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	14 AUG. '89					
A	6 SEP. '89					

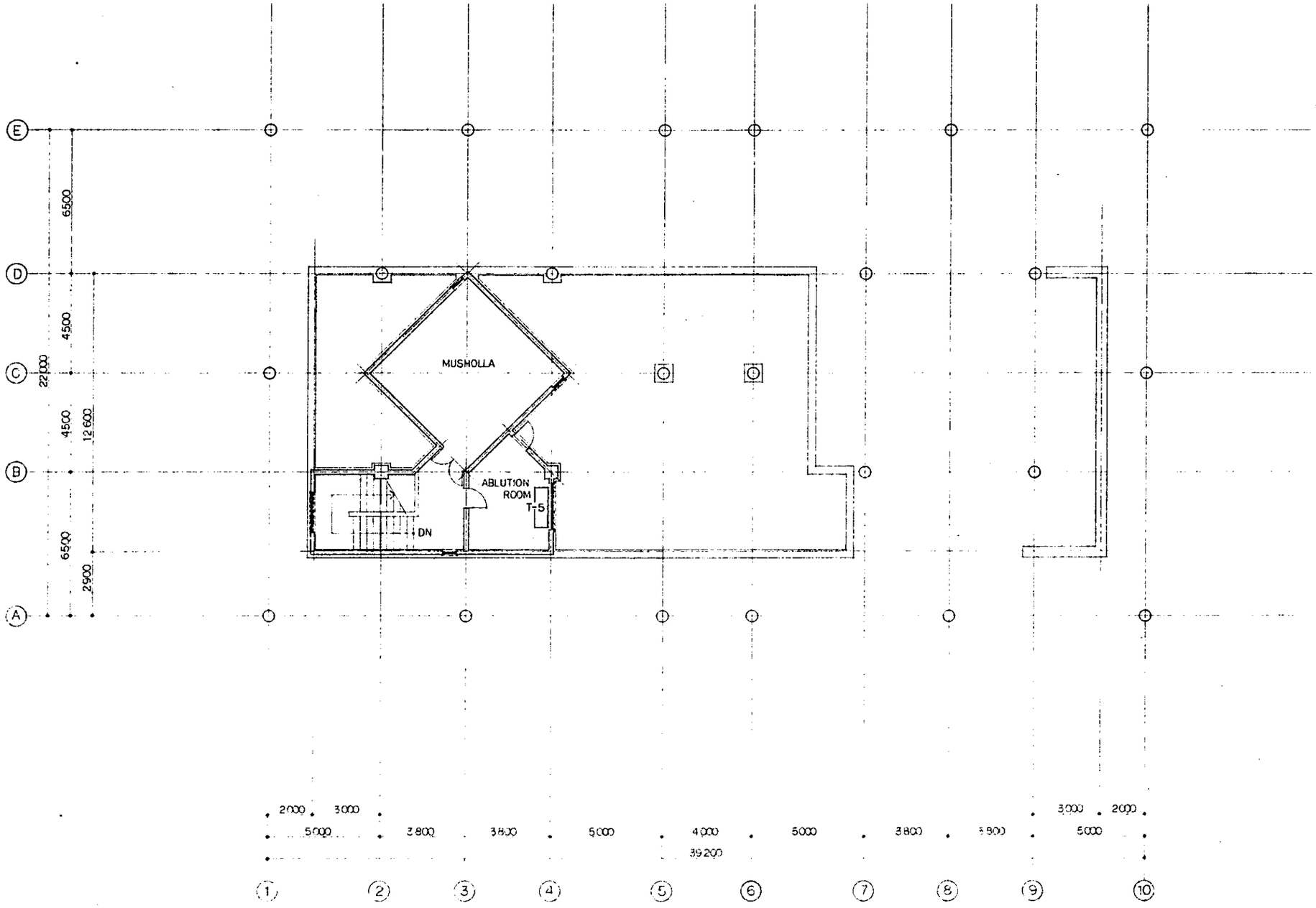
AIRPORT TERMINAL STATION FURNITURE LAYOUT PLAN (SHEET 2 OF 4)

PACKAGE: 1 CIVIL AND ARCHITECTURAL WORK

SCALE: 1:100

DRAWING NO: AA - 021

NOTE:
REFER TO 'SPECIFICATIONS' - SECTION 'FURNITURE' FOR LIST OF PRODUCT REFERENCE DESIGNATIONS



REPUBLIC OF INDONESIA
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DIRECTORATE GENERAL OF LAND TRANSPORT AND INLAND WATERWAYS

NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1 AUG. 89				A.K.M.	
A	15 FEB. 89				K.M.	

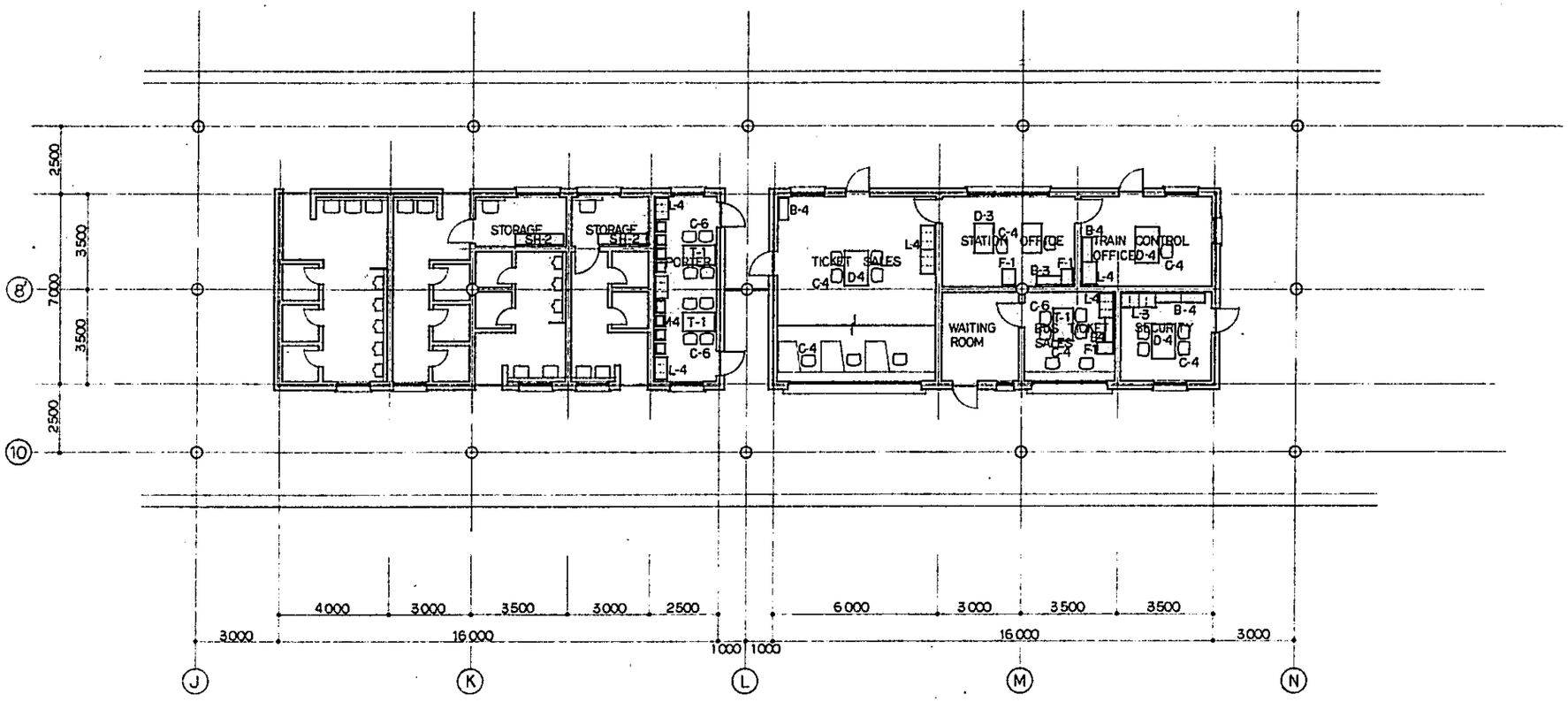
AIRPORT TERMINAL STATION
FURNITURE LAYOUT PLAN
(SHEET 3 OF 4)

PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE 1:100

DRAWING NO: AA - 022

NOTE : REFER TO SPECIFICATIONS, SECTION I FURNITURE" FOR LIST OF PRODUCT REFERENCE DESIGNATIONS.



REPUBLIC OF INDONESIA
MINISTRY OF COMMUNICATIONS
DIRECTORATE GENERAL OF LAND TRANSPORT AND INLAND WATERWAYS

NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

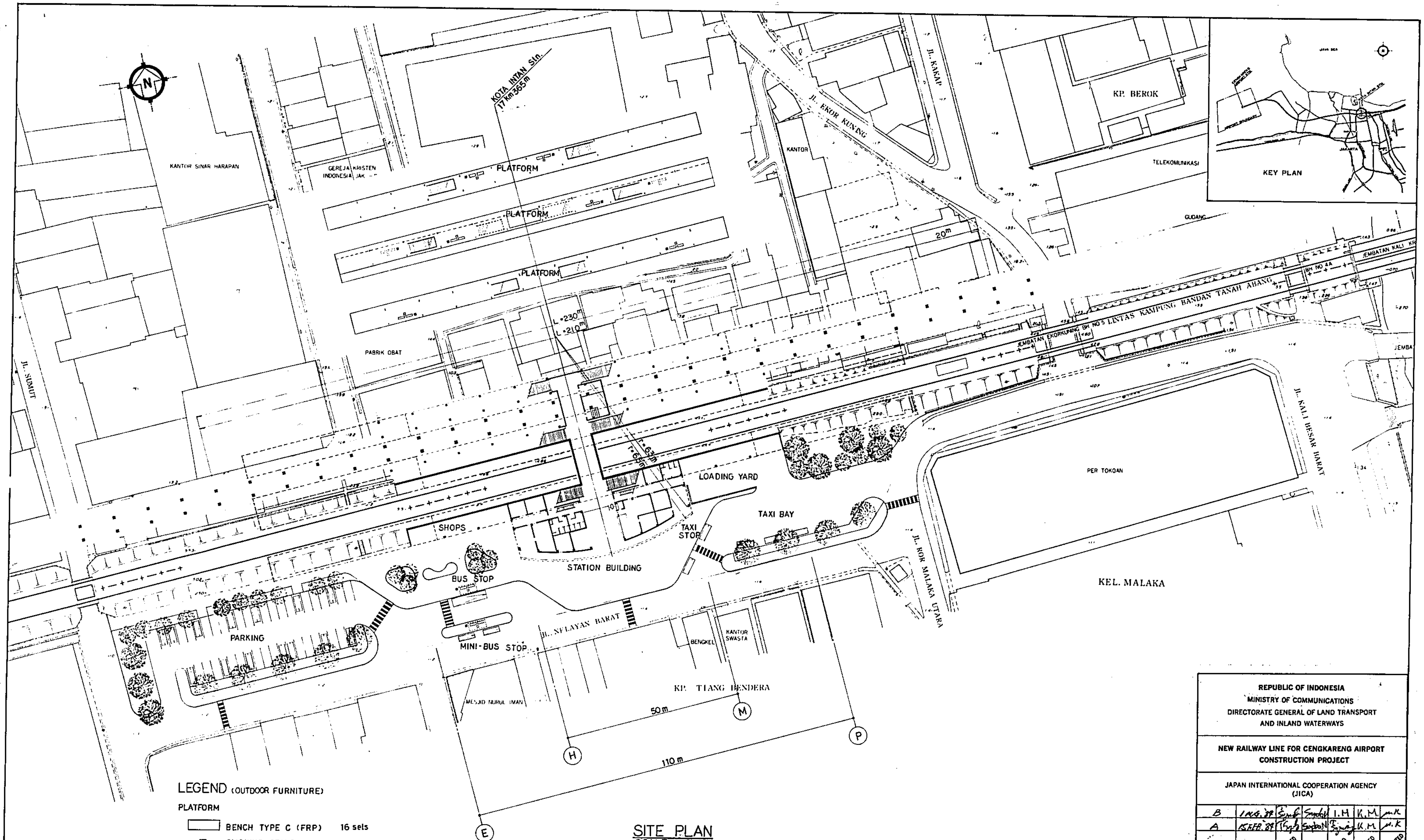
REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1 AUG. 97				K.M	
A	6 FEB. 97				K.M	

AIRPORT TERMINAL STATION
FURNITURE LAYOUT PLAN
(SHEET 4 OF 4)

PACKAGE : I CIVIL AND ARCHITECTURAL WORK

SCALE 1:100

DRAWING NO. AA - 023



SITE PLAN
SCALE 1:500

LEGEND (OUTDOOR FURNITURE)

PLATFORM

▭	BENCH TYPE C (FRP)	16 sets
□	SMOKING STAND TYPE B	8 sets
■	WASTEBASKET TYPE B	8 sets

BUS STOP

▭	BENCH TYPE C (FRP)	4 sets
□	SMOKING STAND TYPE B	2 sets
■	WASTEBASKET TYPE B	2 sets

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JAPAN INTERNATIONAL COOPERATION AGENCY
(JICA)

REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1 AUG. '89				K.M.	
A	15 FEB. '89				K.M.	

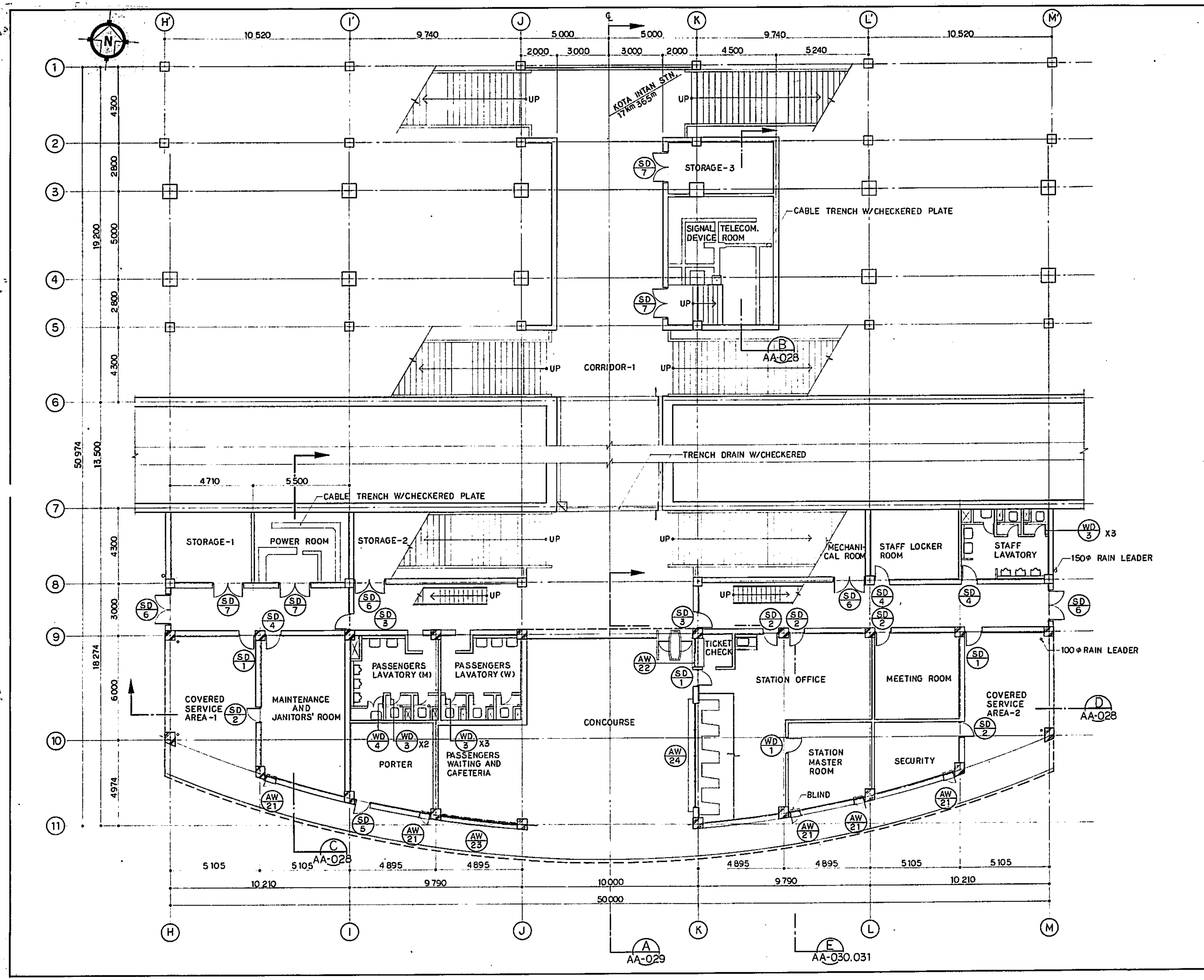
KOTA INTAN STATION

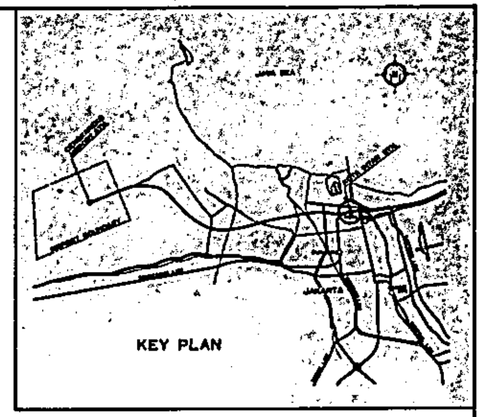
SITE PLAN

PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE: 1:500

DRAWING NO: AA - 024





REPUBLIC OF INDONESIA
MINISTRY OF COMMUNICATIONS
DIRECTORATE GENERAL OF LAND TRANSPORT AND INLAND WATERWAYS

NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1 NOV. 89				K.M	
A	15 FEB. 89				K.M	

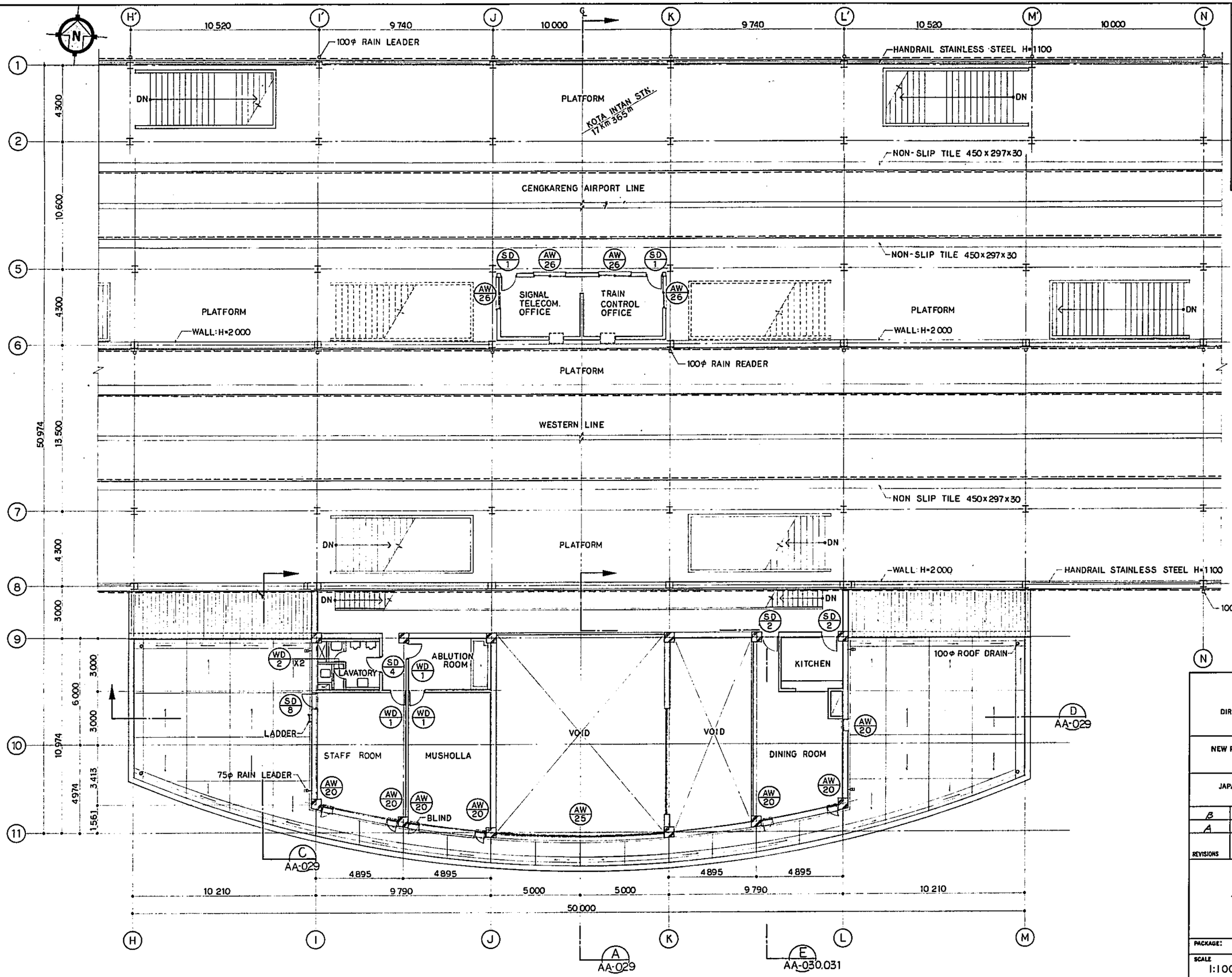
KOTA INTAN STATION

1F PLAN

PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE: 1:100

DRAWING NO: AA - 025



REPUBLIC OF INDONESIA
MINISTRY OF COMMUNICATIONS
DIRECTORATE GENERAL OF LAND TRANSPORT AND INLAND WATERWAYS

NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1 AUG. '89				K.M	
A	15 FEB. '89				K.M	

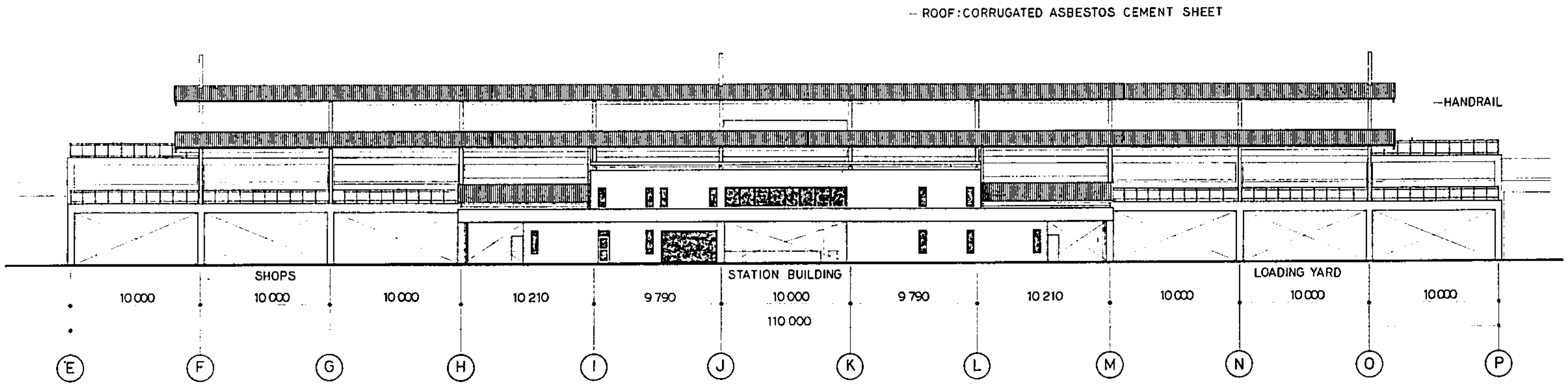
KOTA INTAN STATION

2F PLAN

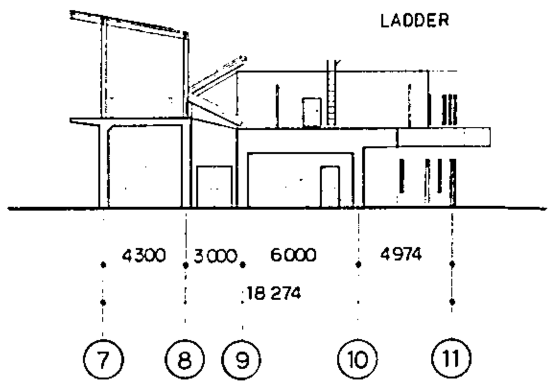
PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE 1:100

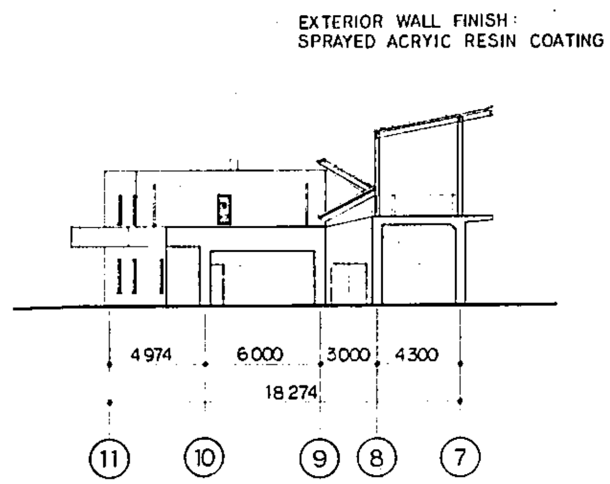
DRAWING NO: AA - 026



SOUTH ELEVATION
SCALE 1:200



WEST ELEVATION
SCALE 1:200



EAST ELEVATION
SCALE 1:200

REPUBLIC OF INDONESIA
MINISTRY OF COMMUNICATIONS
DIRECTORATE GENERAL OF LAND TRANSPORT
AND INLAND WATERWAYS

NEW RAILWAY LINE FOR CENGKARENG AIRPORT
CONSTRUCTION PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY
(JICA)

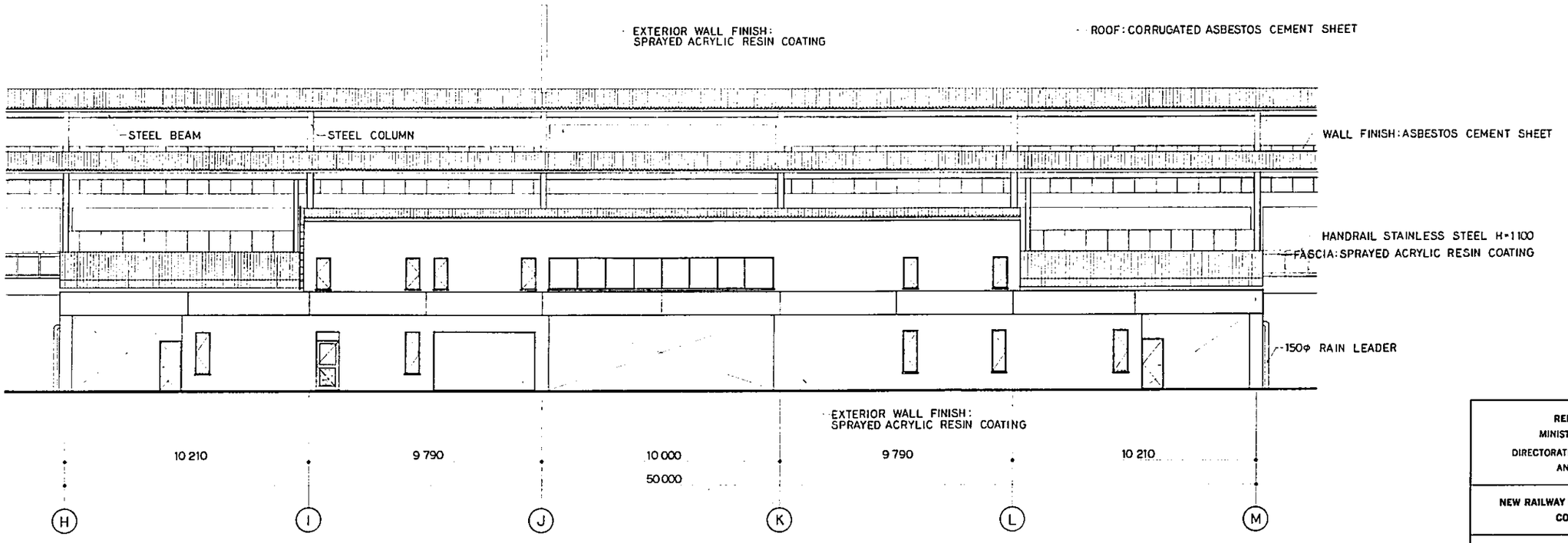
REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1 AUG. '89	[illegible]	[illegible]	[illegible]	K.M	[illegible]
A	15 FEB '89	[illegible]	[illegible]	[illegible]	K.M	[illegible]

KOTA INTAN STATION
ELEVATIONS
(SHEET 1 OF 2)

PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE: 1:200

DRAWING NO: AA - 027



SOUTH ELEVATION
SCALE 1:100

REPUBLIC OF INDONESIA
MINISTRY OF COMMUNICATIONS
DIRECTORATE GENERAL OF LAND TRANSPORT
AND INLAND WATERWAYS

NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

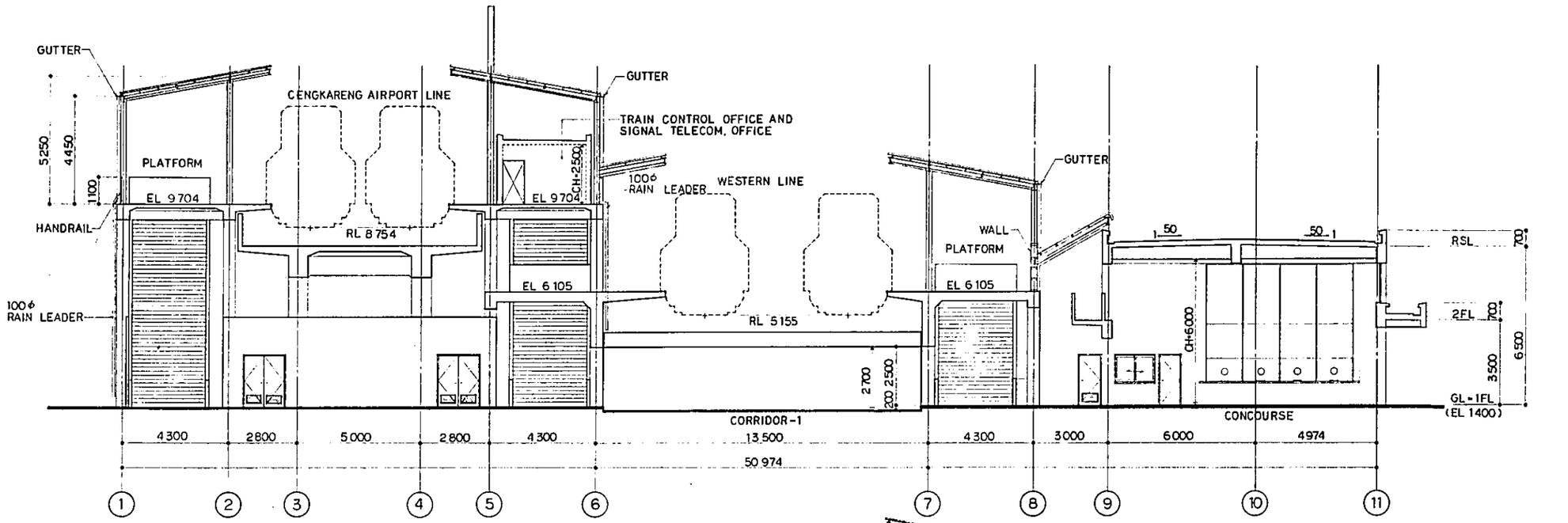
REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1 AUG '89		M.J		K.M	
A	15 FEB '89		M.J		K.M	

KOTA INTAN STATION
ELEVATIONS
(SHEET 2 OF 2)

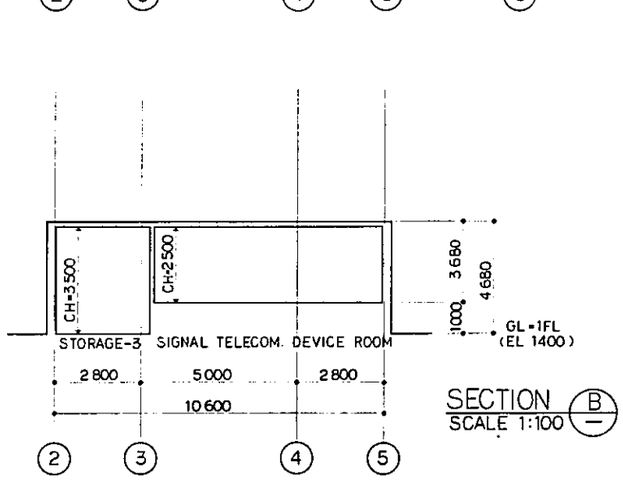
PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE 1:100

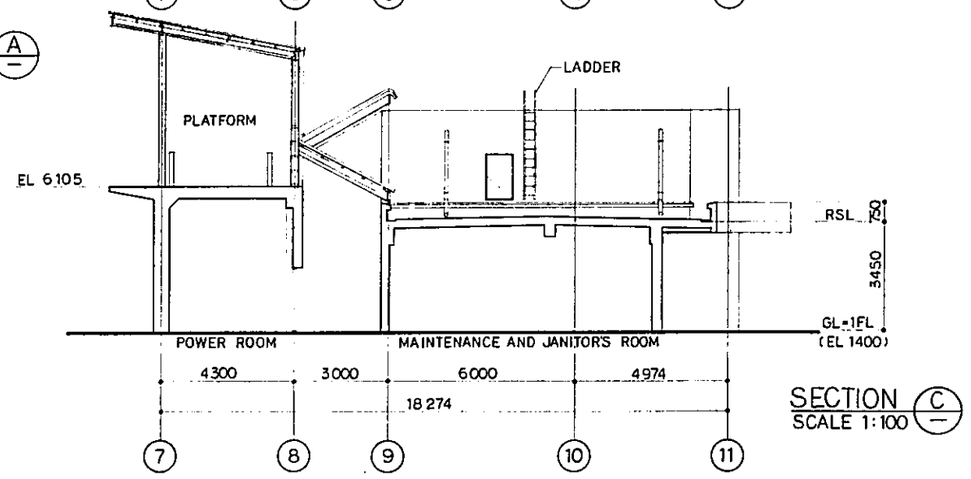
DRAWING NO: AA - 028



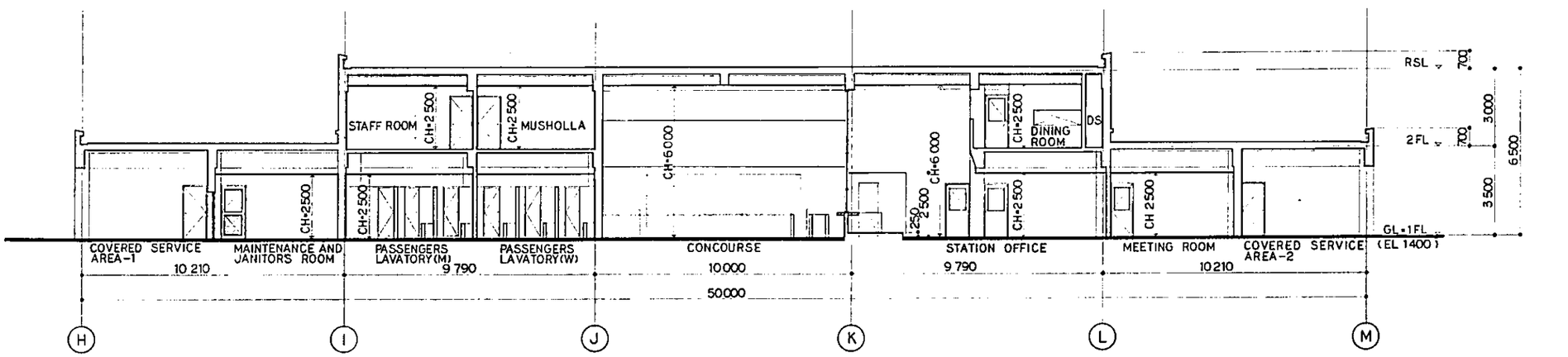
SECTION A
SCALE 1:100



SECTION B
SCALE 1:100



SECTION C
SCALE 1:100



SECTION D
SCALE 1:100

REPUBLIC OF INDONESIA
MINISTRY OF COMMUNICATIONS
DIRECTORATE GENERAL OF LAND TRANSPORT AND INLAND WATERWAYS

NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

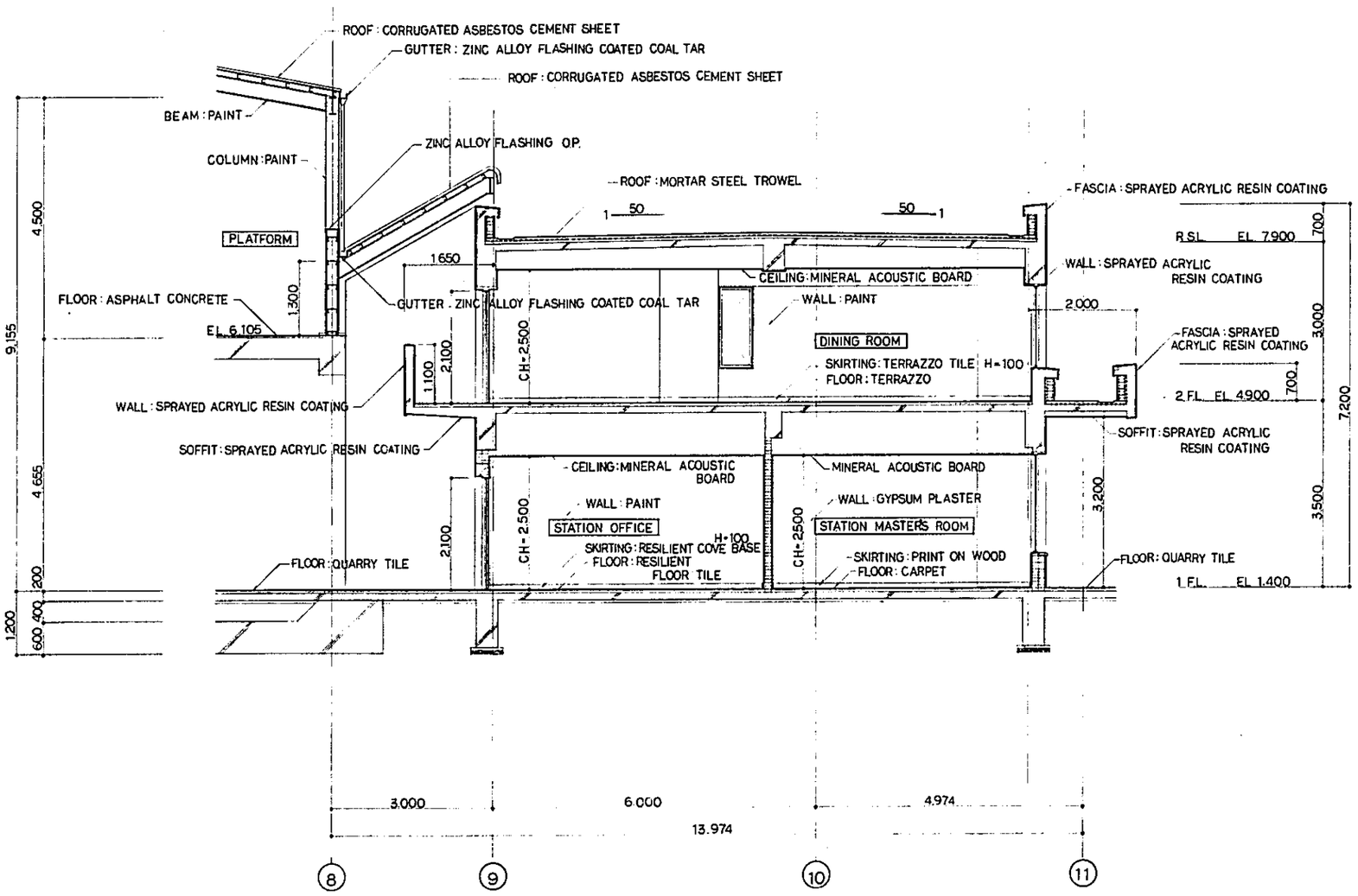
REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1 AUG. '89				K.M	
A	15 FEB. '89				K.M	

KOTA INTAN STATION
SECTIONS
(SHEET 1 OF 2)

PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE: 1:100

DRAWING NO: AA - 029



SECTION (E)
SCALE 1:50

REPUBLIC OF INDONESIA
MINISTRY OF COMMUNICATIONS
DIRECTORATE GENERAL OF LAND TRANSPORT AND INLAND WATERWAYS

NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

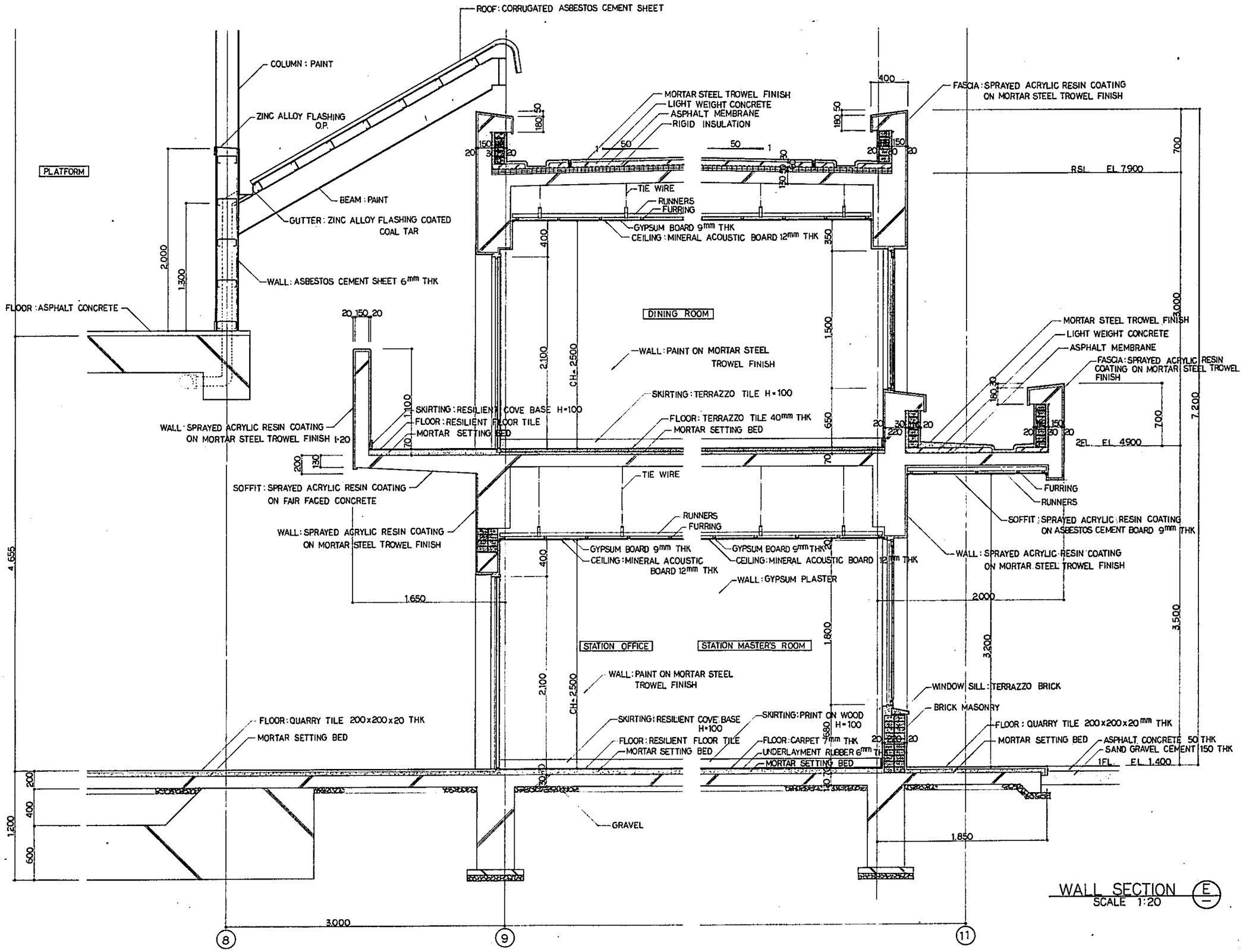
REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1 NOV. '89				K.M	
A	15 FEB '88				K.M	

KOTA INTAN STATION
SECTIONS
(SHEET 2 OF 2)

PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE: 1:50

DRAWING NO: AA - 030



WALL SECTION (E) — SCALE 1:20

REPUBLIC OF INDONESIA
MINISTRY OF COMMUNICATIONS
DIRECTORATE GENERAL OF LAND TRANSPORT AND INLAND WATERWAYS

NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1 AUG. 89	T.Sy-b	N.J	T.Sy-b	K.M	
A	15 FEB. 89	T.Sy-b	N.J	T.Sy-b	K.M	

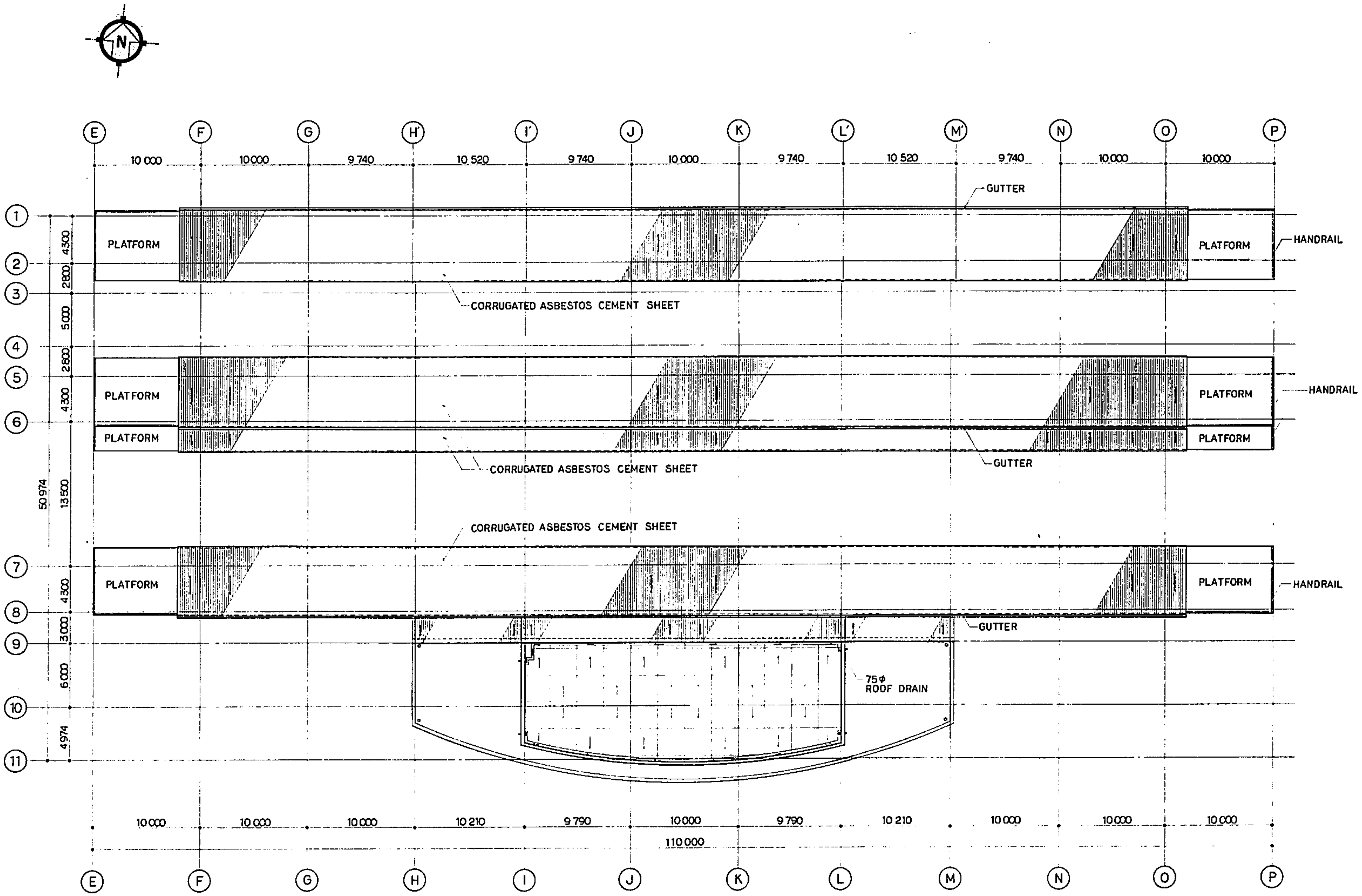
KOTA INTAN STATION

WALL SECTION

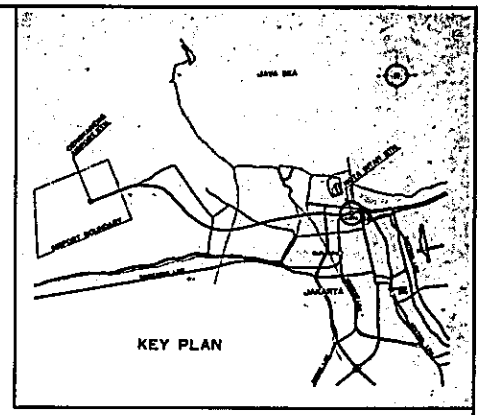
PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE 1:20

DRAWING NO: AA - 031



ROOF PLAN
SCALE 1:200



REPUBLIC OF INDONESIA
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AND INLAND WATERWAYS

NEW RAILWAY LINE FOR CENGKARENG AIRPORT
CONSTRUCTION PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY
(JICA)

REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1 AUG '89	[illegible]	[illegible]	[illegible]	K.M	[illegible]
A	15 FEB '89	[illegible]	[illegible]	[illegible]	K.M	[illegible]

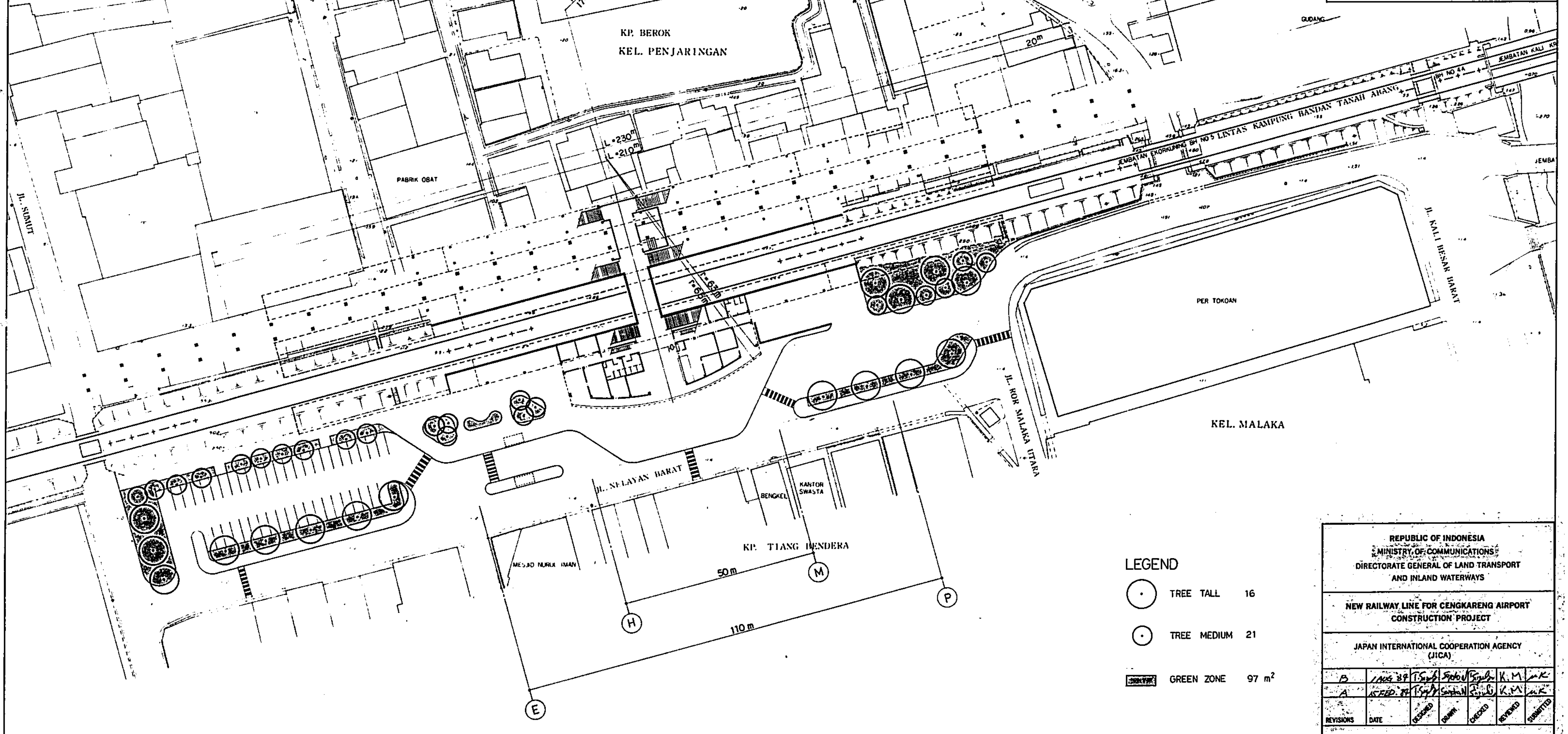
KOTA INTAN STATION

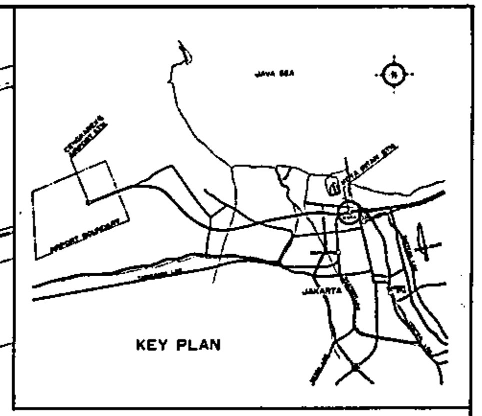
ROOF PLAN

PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE: 1:200

DRAWING NO: AA - 032





LEGEND

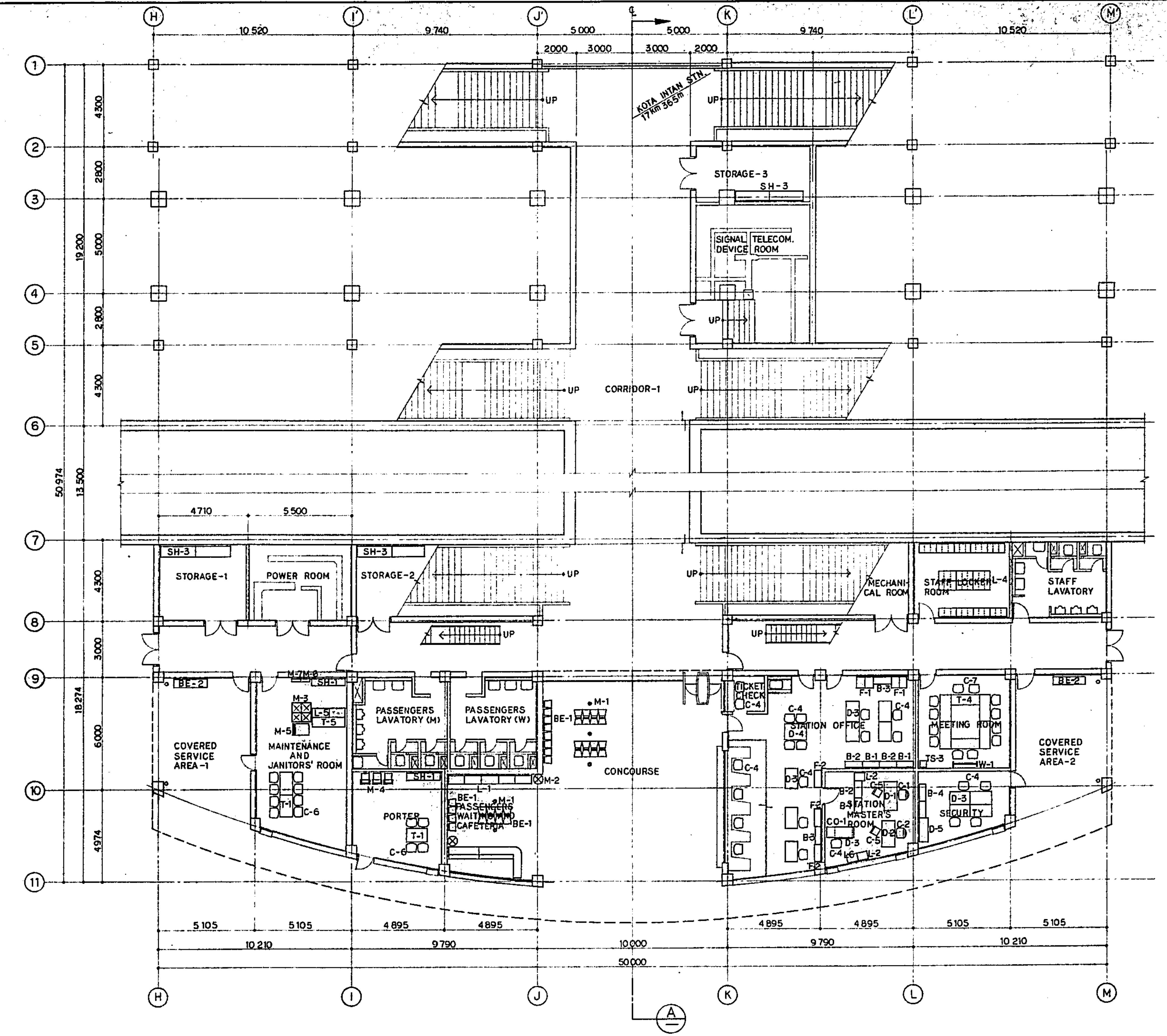
TREE TALL		16
TREE MEDIUM		21
GREEN ZONE		97 m^2

LANDSCAPING PLAN

SCALE 1:500

REPUBLIC OF INDONESIA MINISTRY OF COMMUNICATIONS DIRECTORATE GENERAL OF LAND TRANSPORT AND INLAND WATERWAYS						
NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT						
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)						
B	1 AUG '89	T.Suga	Sjaibat	T.Suga	K.M	...
A	15 FEB '89	T.Suga	Sjaibat	T.Suga	K.M	...
REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
KOTA INTAN STATION LANDSCAPING PLAN						
PACKAGE: I CIVIL AND ARCHITECTURAL WORK						
SCALE 1:500	DRAWING NO. AA - 033					

NOTE:
REFER TO SPECIFICATIONS, SECTION: FURNITURE, FOR LIST OF PRODUCT REFERENCE DESIGNATIONS.



REPUBLIC OF INDONESIA
MINISTRY OF COMMUNICATIONS
DIRECTORATE GENERAL OF LAND TRANSPORT AND INLAND WATERWAYS

NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

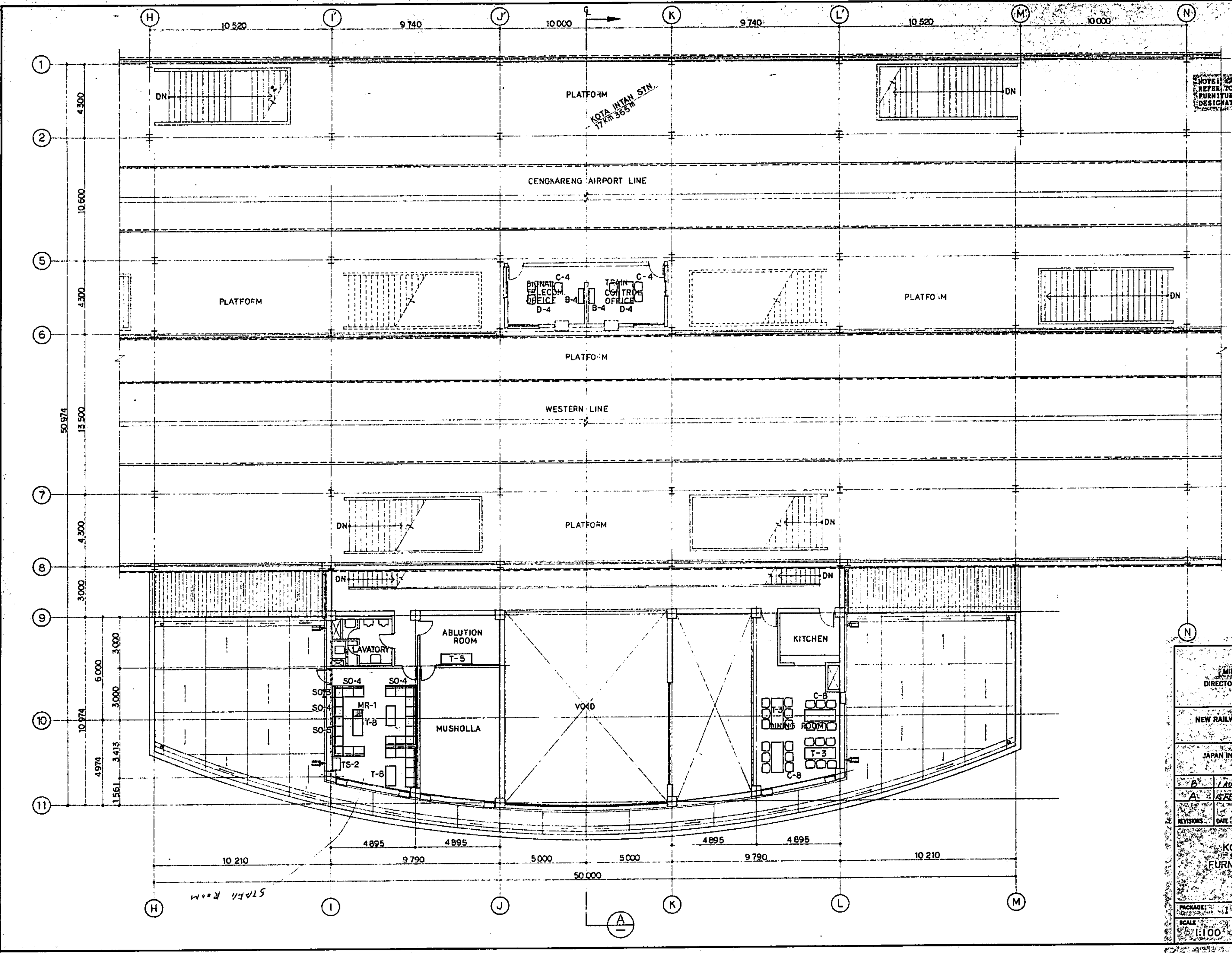
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1 AUG '84	[illegible]	NJ	[illegible]	K.M	KK
A	15 FEB '84	[illegible]	NJ	[illegible]	K.M	KK

KOTA INTAN STATION
FURNITURE LAYOUT PLAN
(SHEET 1 OF 2)

PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE: 1:100
DRAWING NO.: AA-034



NOTE: REFER TO SPECIFICATIONS, SECTION FURNITURE, FOR LIST OF PRODUCT REFERENCE DESIGNATIONS.

REPUBLIC OF INDONESIA
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NEW RAILWAY LINE FOR CENGKARENG AIRPORT
CONSTRUCTION PROJECT

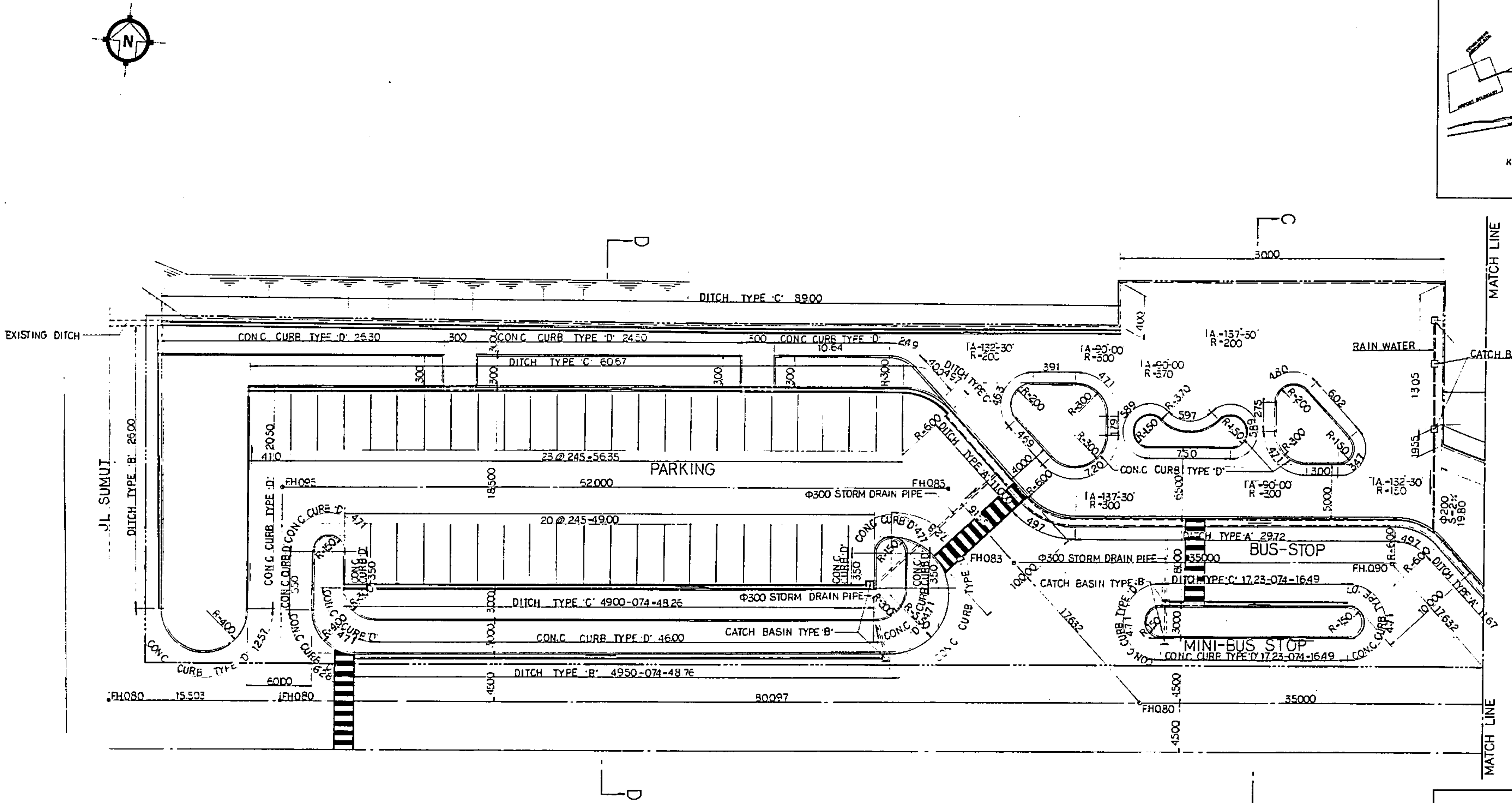
JAPAN INTERNATIONAL COOPERATION AGENCY
(JICA)

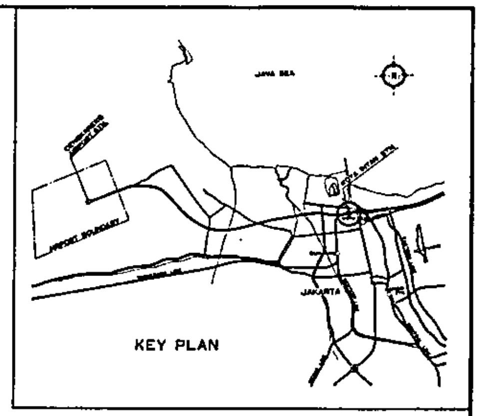
REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1 AUG. '84				K.M	
A	15 FEB. '84				K.M	

KOTA INTAN STATION
FURNITURE LAYOUT PLAN
(SHEET 2 OF 2)

PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE: 1:100
DRAWING NO: AA - 035





REPUBLIC OF INDONESIA
MINISTRY OF COMMUNICATIONS
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AND INLAND WATERWAYS

NEW RAILWAY LINE FOR CENGKARENG AIRPORT
CONSTRUCTION PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY
(JICA)

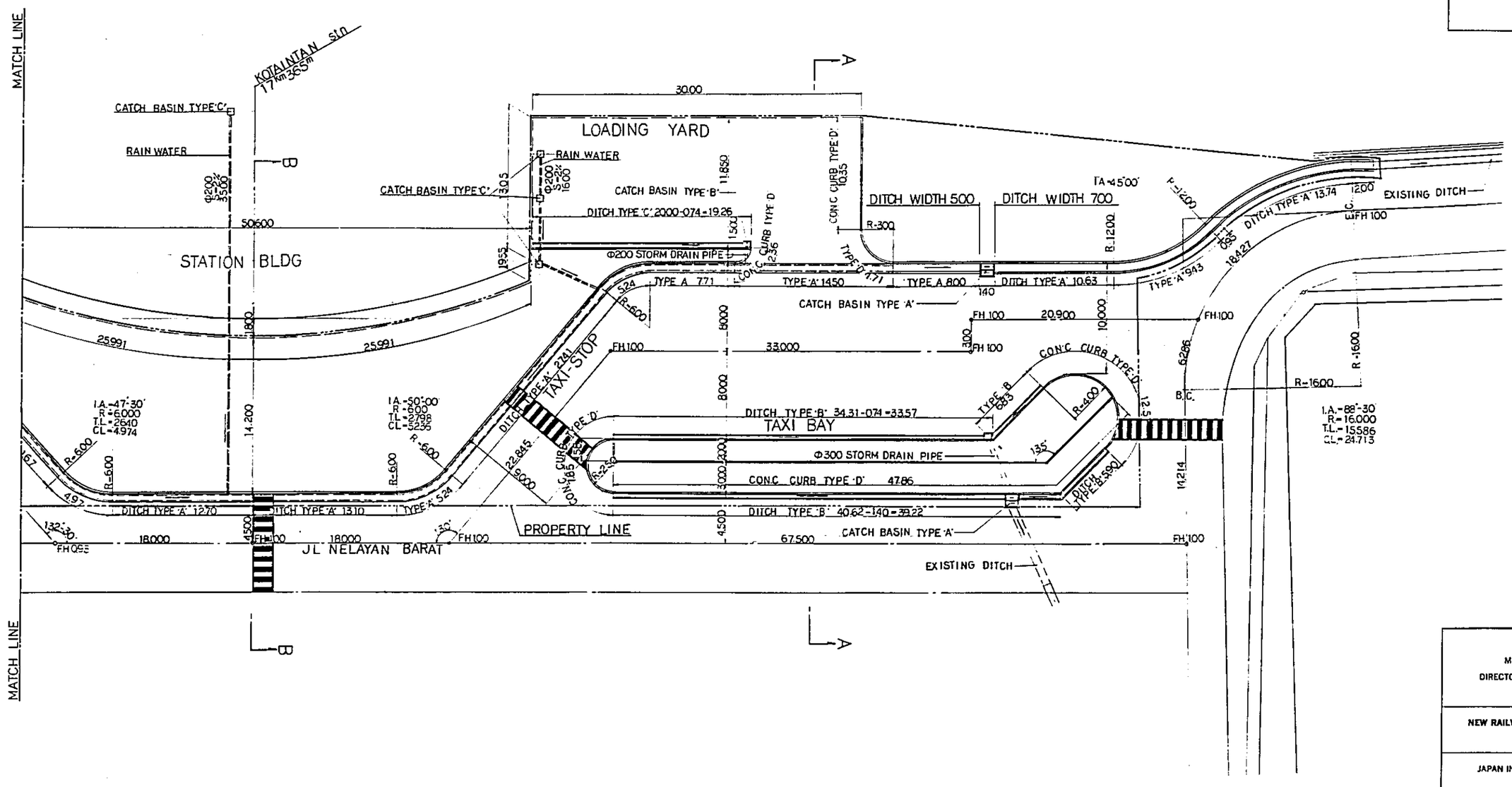
REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1 AUG '89	[illegible]	[illegible]	[illegible]	K.M	M.K
A	15 FEB '89	[illegible]	[illegible]	[illegible]	K.M	M.K

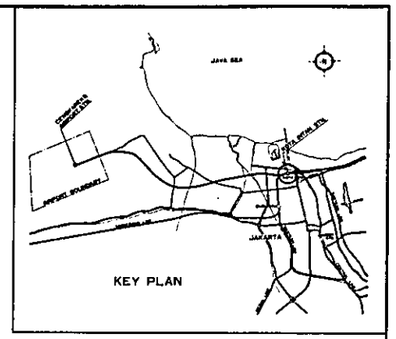
KOTA INTAN STATION
STATION PLAZA
PLAN I
(SHEET I OF 2)

PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE: 1:500

DRAWING NO: AA - 036





REPUBLIC OF INDONESIA
MINISTRY OF COMMUNICATIONS
DIRECTORATE GENERAL OF LAND TRANSPORT
AND INLAND WATERWAYS

NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

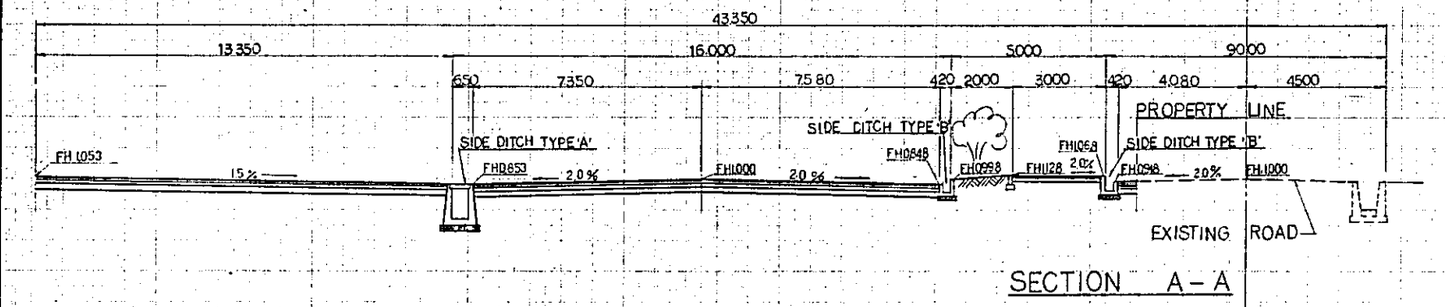
REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1 AUG 89				K.M	
A	15 FEB 89				K.M	

KOTA INTAN STATION
STATION PLAZA
PLAN 2
(SHEET 2 OF 2)

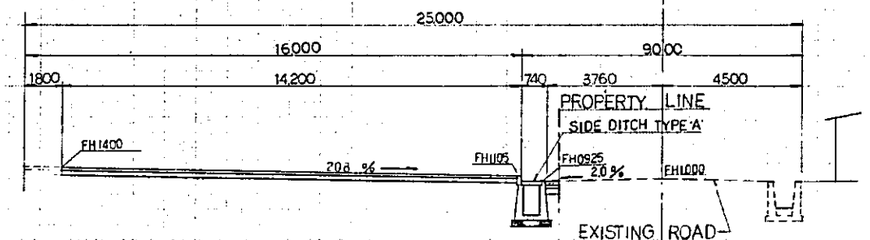
PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE 1:500

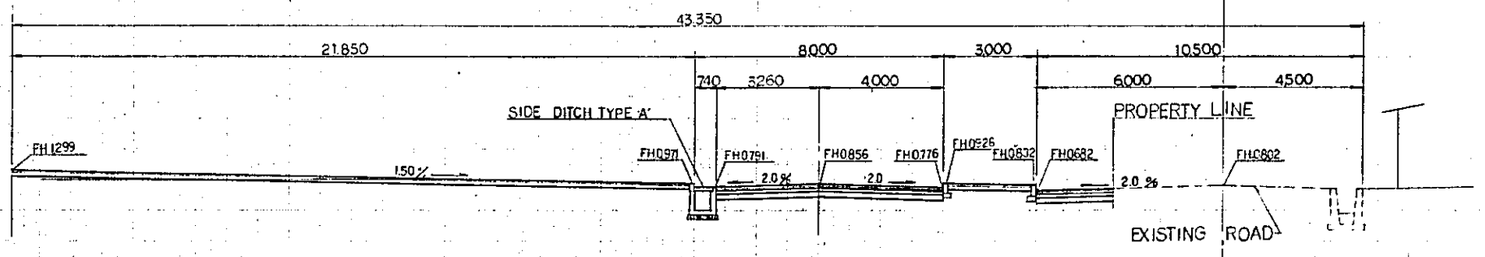
DRAWING NO: AA - 037



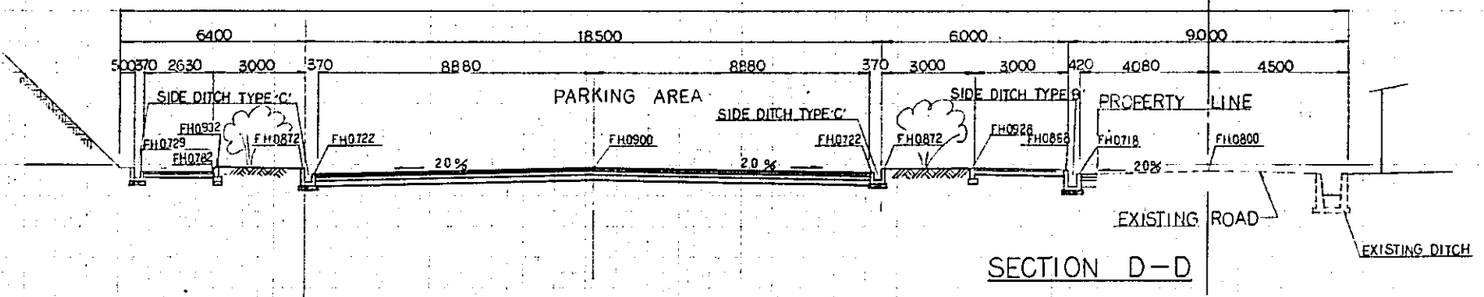
SECTION A – A



SECTION B – B



SECTION C – C



SECTION D – D

REPUBLIC OF INDONESIA
MINISTRY OF COMMUNICATIONS
DIRECTORATE GENERAL OF LAND TRANSPORT AND INLAND WATERWAYS

NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

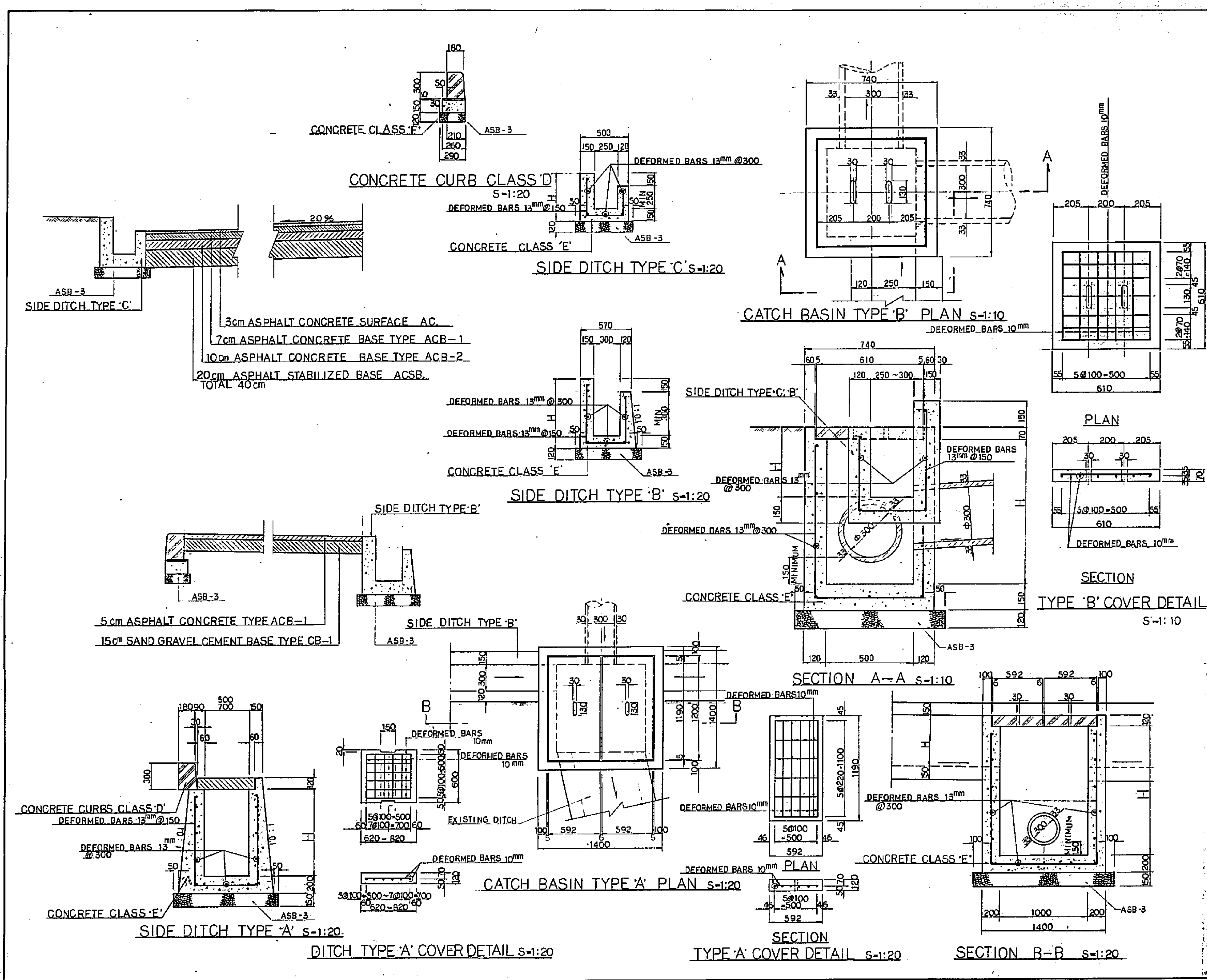
REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1 AUG. 89				K.M	
A	15 FEB. 89				K.M	

KOTA INTAN STATION
STATION PLAZA
SECTIONS

PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE 1:100

DRAWING NO: AA - 038



REPUBLIC OF INDONESIA
MINISTRY OF COMMUNICATIONS
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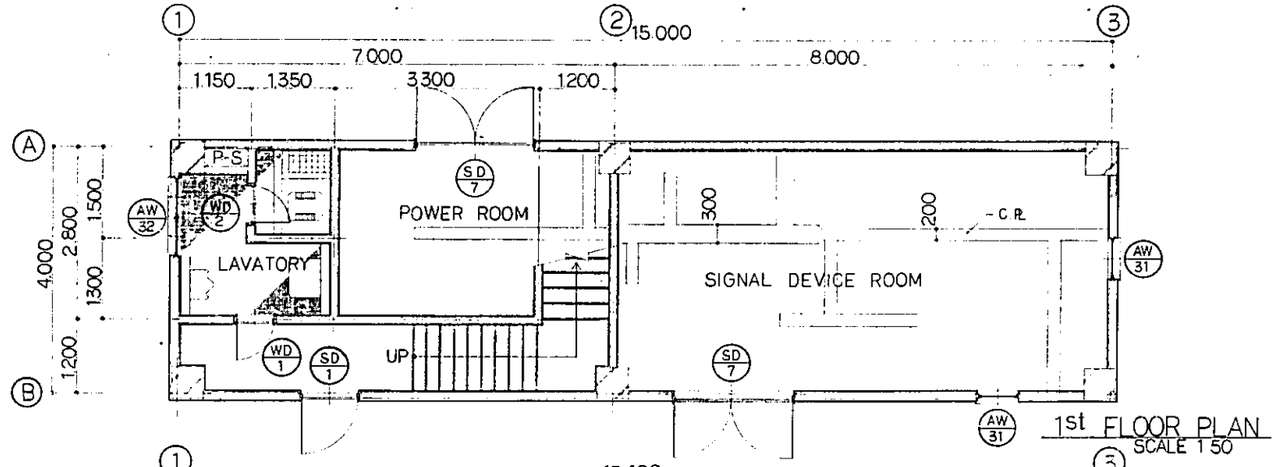
NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

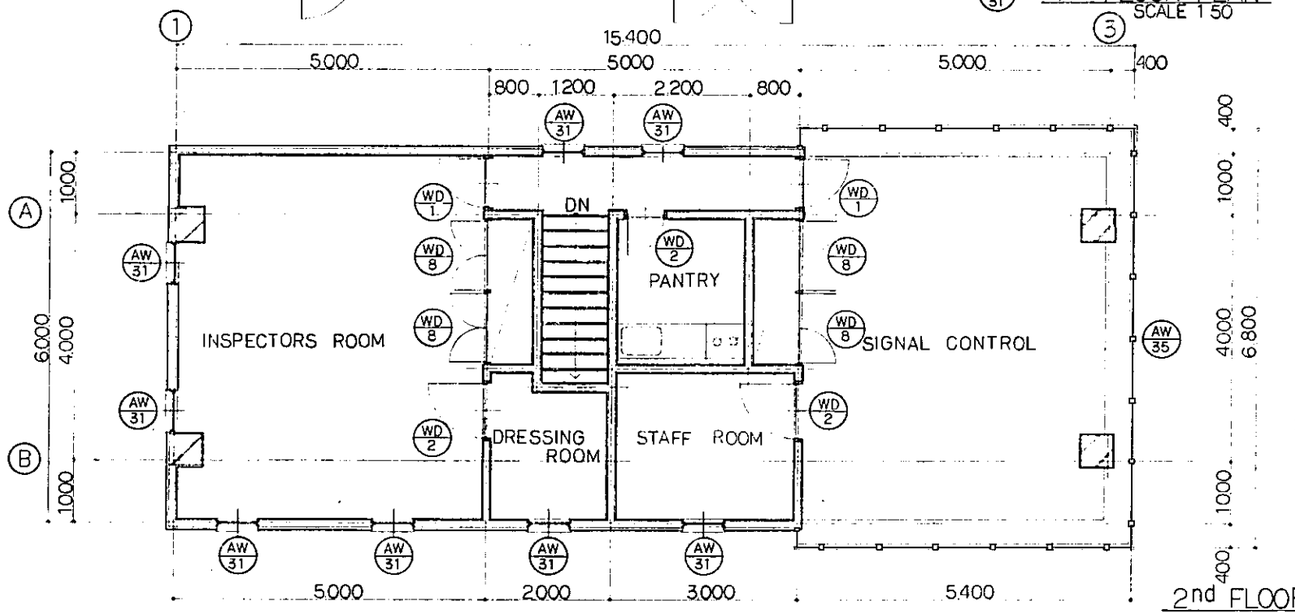
REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	AUG. '89				K.M	
A	FEB. '89				K.M	

KOTA INTAN STATION
STATION PLAZA
DETAILS

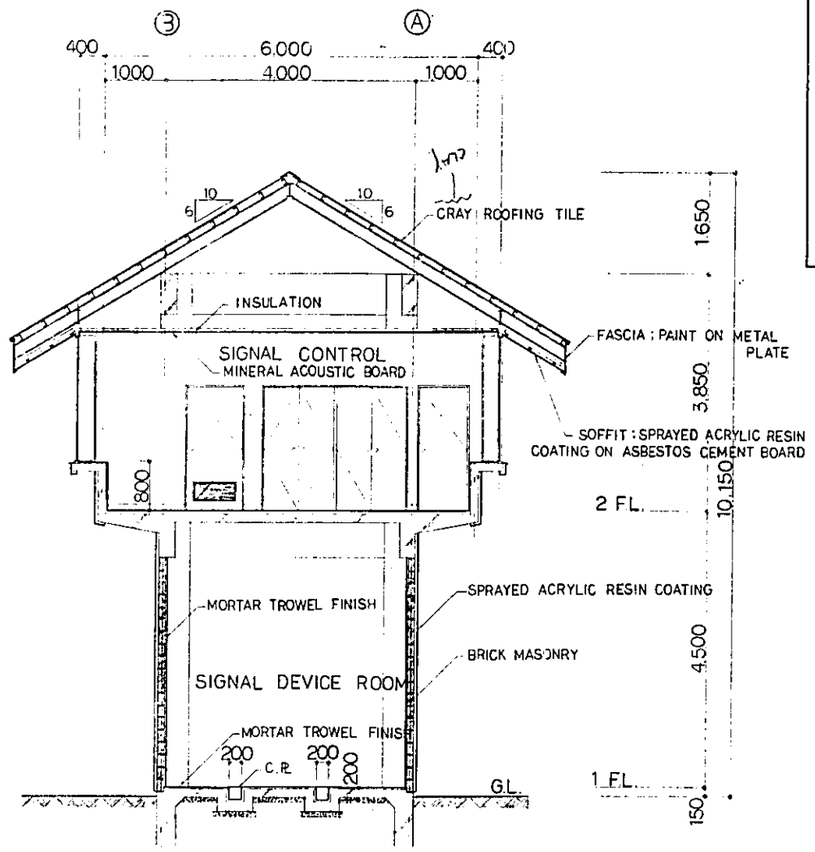
PACKAGE: I CIVIL AND ARCHITECTURAL WORK
SCALE: 1:10, 1:20
DRAWING NO.: AA - 039



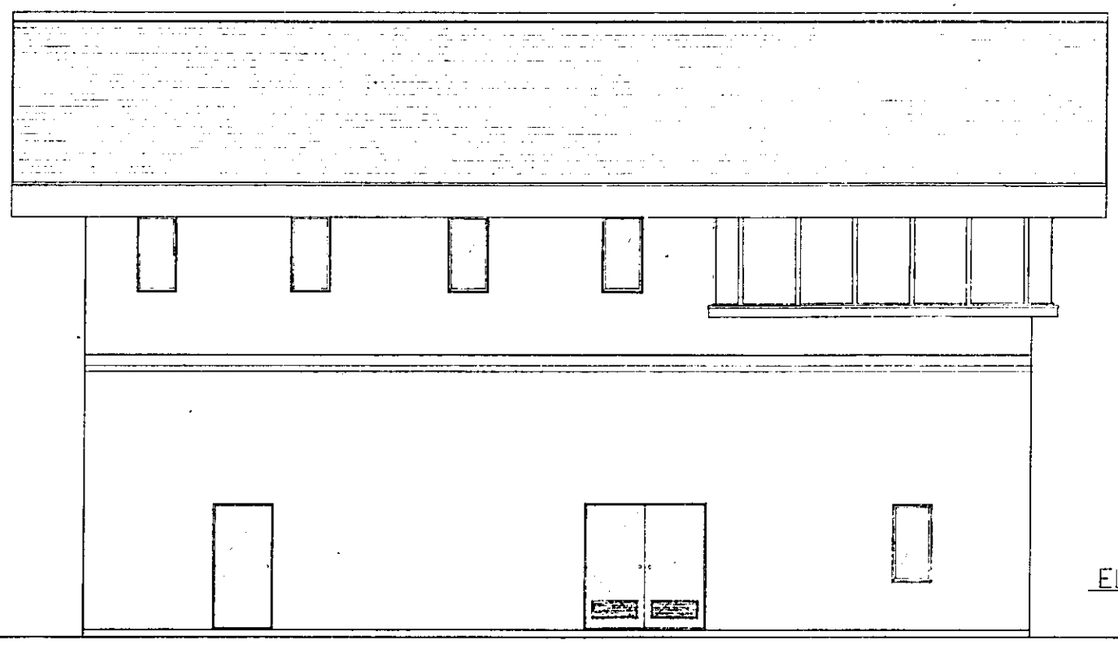
1st FLOOR PLAN
SCALE 1:50



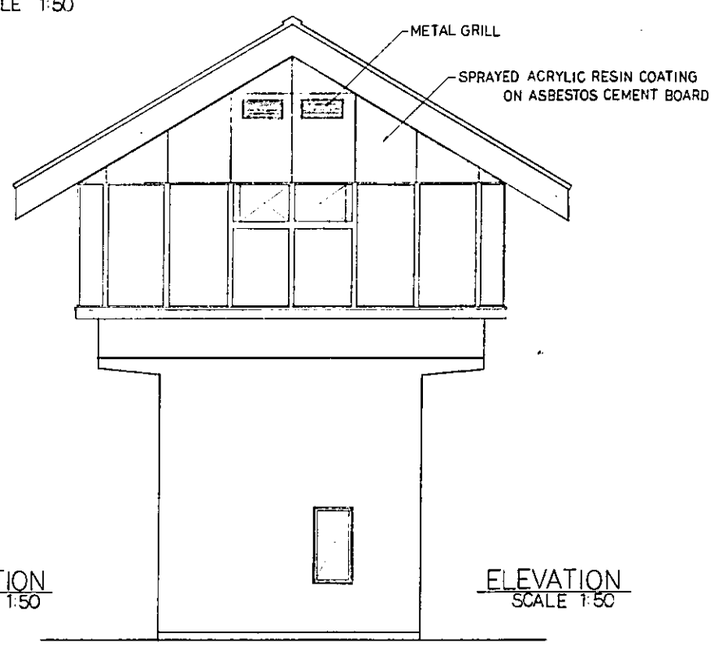
2nd FLOOR PLAN
SCALE 1:50



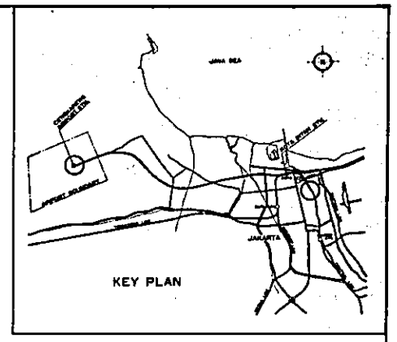
SECTION
SCALE 1:50



ELEVATION
SCALE 1:50



ELEVATION
SCALE 1:50



REPUBLIC OF INDONESIA
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DIRECTORATE GENERAL OF LAND TRANSPORT AND INLAND WATERWAYS

NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

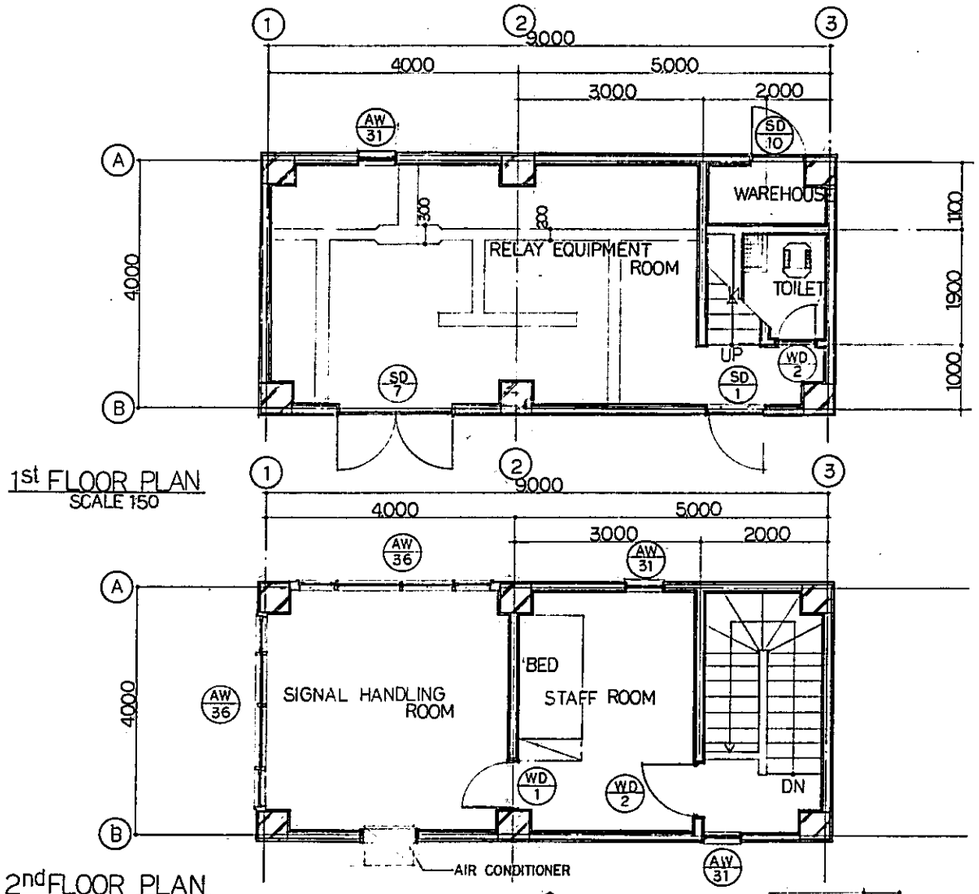
REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1 AUG. '89			K.M	K.M	K.M
A	15 FEB. '89			K.M	K.M	K.M

SIGNAL CABIN A

PACKAGE: I CIVIL AND ARCHITECTURAL WORK

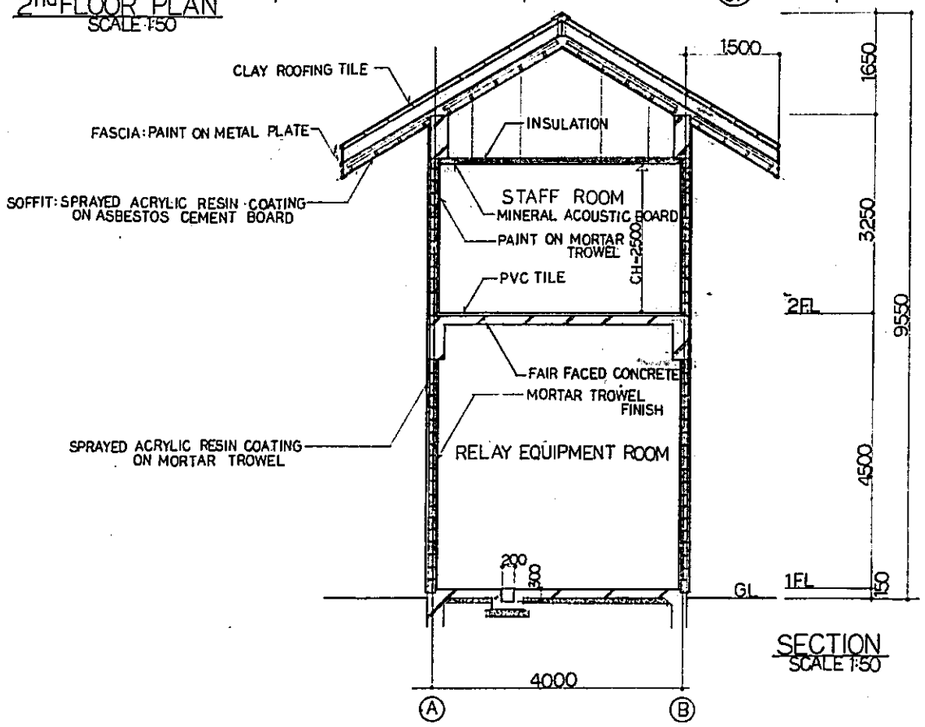
SCALE: 1:50

DRAWING NO: AA - 040

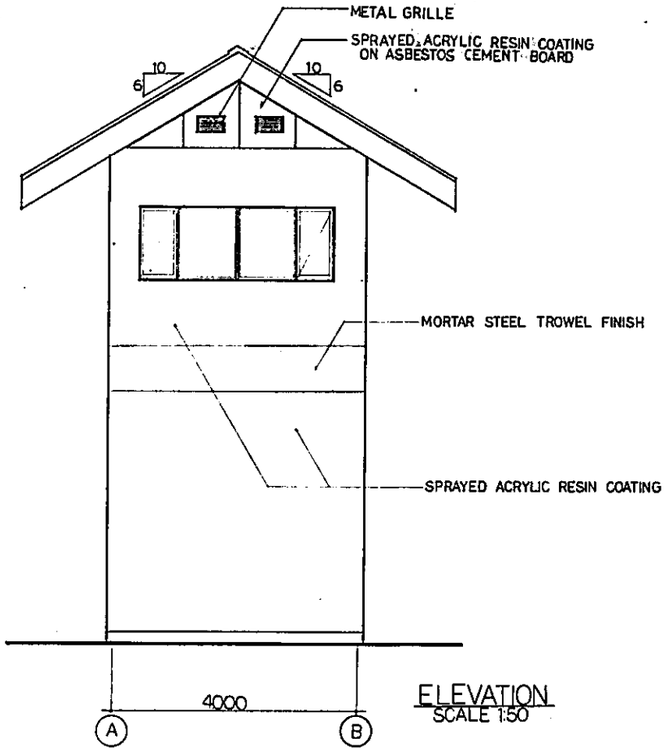


1st FLOOR PLAN
SCALE 1:50

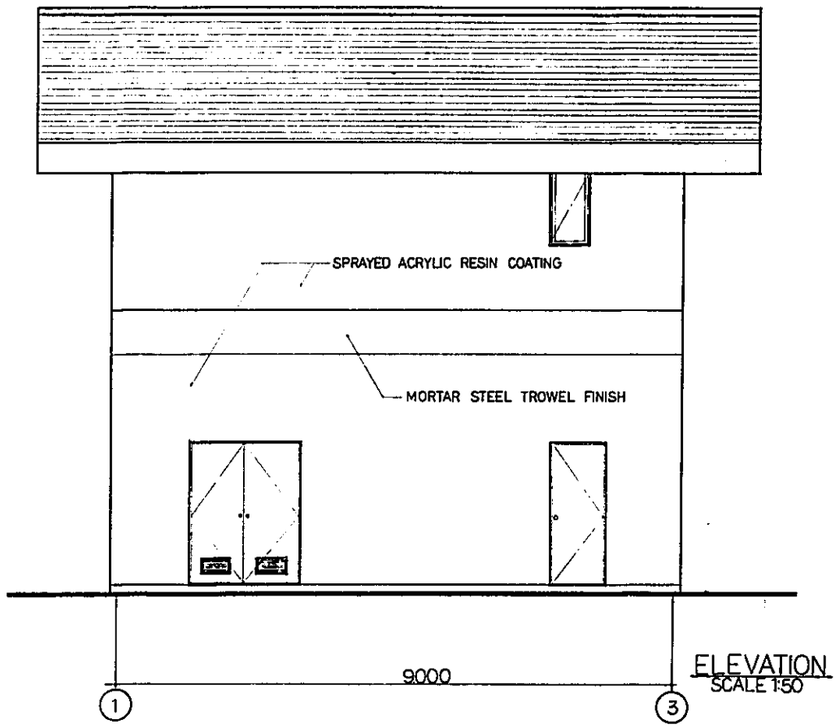
2nd FLOOR PLAN
SCALE 1:50



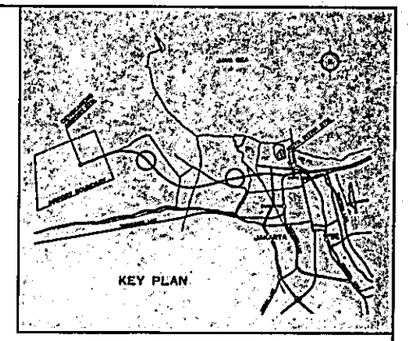
SECTION
SCALE 1:50



ELEVATION
SCALE 1:50



ELEVATION
SCALE 1:50



REPUBLIC OF INDONESIA
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NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

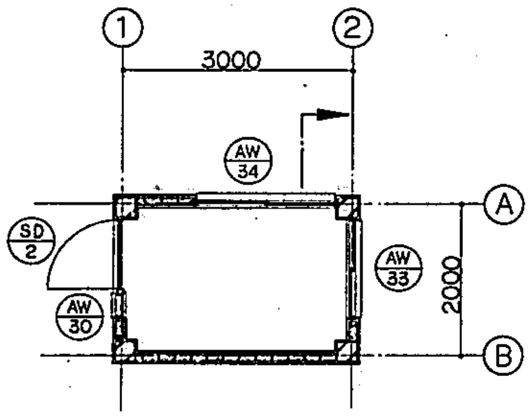
REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1 AUG. 89					
A	15 FEB. 89					

SIGNAL CABIN B

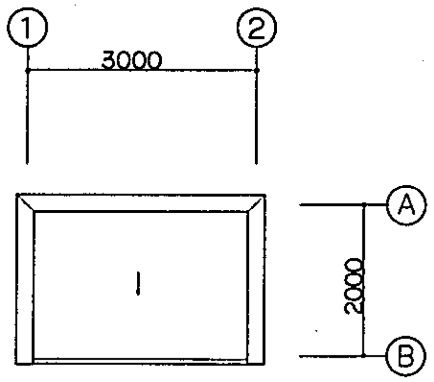
PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE: 1:50

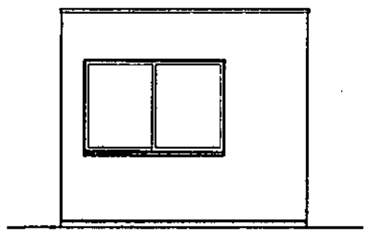
DRAWING NO. AA - 041



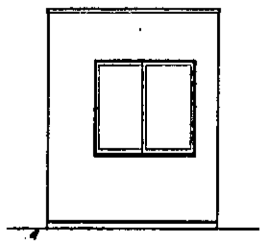
PLAN SCALE 1:50



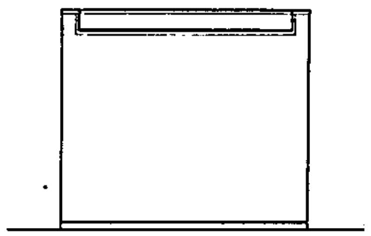
ROOF PLAN SCALE 1:50



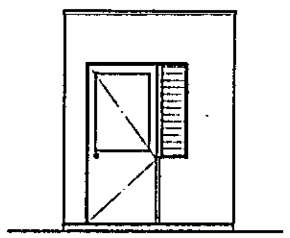
ELEVATION
SCALE 1:50



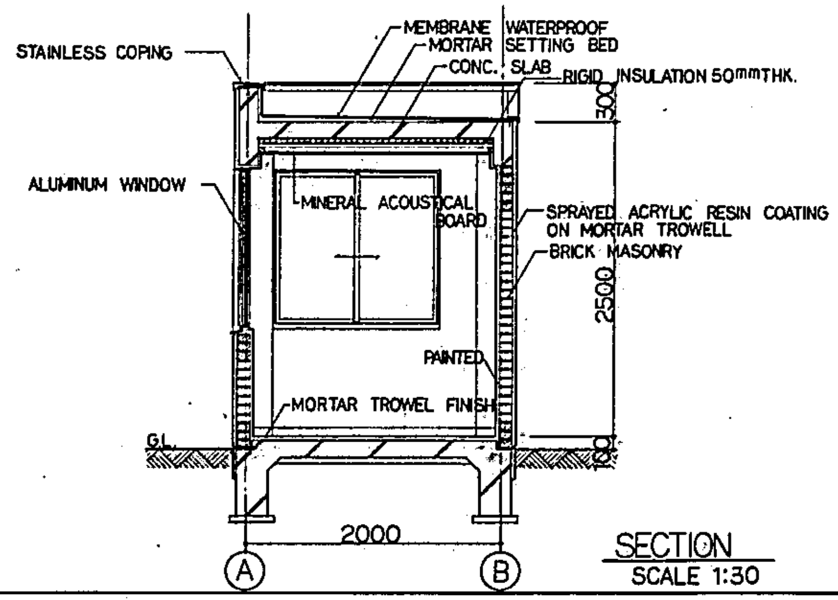
ELEVATION
SCALE 1:50



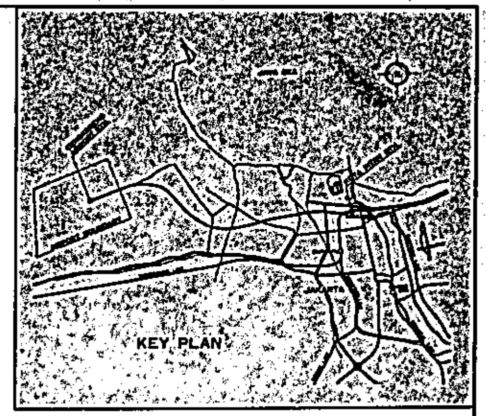
ELEVATION
SCALE 1:50



ELEVATION
SCALE 1:50



SECTION
SCALE 1:30



REPUBLIC OF INDONESIA
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NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	[illegible]	[illegible]	[illegible]	[illegible]	K.M	[illegible]
A	[illegible]	[illegible]	[illegible]	[illegible]	K.M	[illegible]

CROSSING WATCHMAN'S BOX

PACKAGE: I CIVIL AND ARCHITECTURAL WORK

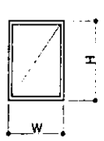
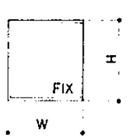
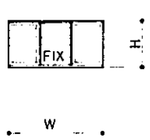
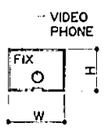
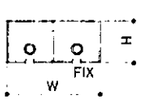
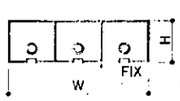
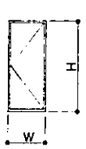
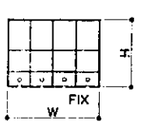
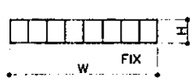
SCALE: 1:30, 1:50

DRAWING NO: AA - 042

DOOR AND WINDOW SCHEDULE - I

MARK	TYPE	LOCATION	QUANTITY	UNDER CUT	DIMENSION: WIDTH	DIMENSION: HEIGHT	GRADE: THICKNESS	GRADE: SOUND PROOFING	GRADE: FIRE RATING (HR)	GRADE: THK OF FACER SHT	GRADE: EXPLOSION PROOF	DOOR AND WINDOW: MATERIAL	DOOR AND WINDOW: FINISH	GLAZING THK=6MM: WIDTH	GLAZING THK=6MM: HEIGHT	LOUVER: WIDTH	LOUVER: HEIGHT	LOUVER: MATERIAL	LOUVER: FINISH	FRAME: DETAIL MARK: HEAD	FRAME: DETAIL MARK: JAMB	FRAME: DETAIL MARK: SILL	FRAME: DETAIL MARK: TRANSOM	FRAME: DETAIL MARK: MEETING	HARDWARE: LOCK SET: CYLINDER	DEADLOCK	DEADLATCH	MORTISE BIT KEY DEADLOCK	SWING LATCH	PIVOT	HINGE: BUTT 127mm	BUTT 65mm	CLOSER: FLOOR	DOOR	FLOOR	STOPPER AND HOLDER	PULL	PUSH PLATE	FLUSH BOLT (TOP AND BOTTOM)	TRACK RAIL	HANGER RAIL	PLACE	TOTAL QUANTITY	REMARKS
AW-1	A	AIRPORT TERMINAL STATION	-		600	1300						ALUM.						ALUM.												ASSEMELY		BY	MANUFACTURER									-	10	
AW-2	B		7		900	1300																									DO										1	7	
AW-3	C		1		1100	1300																									DO										1	1	
AW-4	B		5		1200	1300																									DO										2	10	
AW-5	A		4		1200	450																									DO										2	8	
AW-6	A		-		1600	450																									DO										-	7	
AW-7	E		-		1600	3000																									DO										-	-	
AW-8	F		1		1800	1340																									DO										1	1	
AW-9	A		5		2100	600																									DO										1	5	
AW-10	E		-		2400	1300																									DO										-	4	
AW-11	G		1		2700	1400																									DO										2	2	
AW-12	E		1		3000	1300																									DO										1	1	
AW-13	E		1		4000	1300																									DO										1	1	
AW-14	H		1		4800	1400																									DO										2	2	
AW-15	D	AIRPORT TERMINAL STATION	1		1800	2300						ALUM.						ALUM.												ASSEMBLY		BY	MANUFACTURER									1	1	
AW-20	I	KOTA INTAN STATION	7		600	1500						ALUM.						ALUM.												ASSEMBLY		BY	MANUFACTURER									1	7	
AW-21	I		5		600	1800																									DO										1	5	
AW-22	C		1		1650	1200																									DO										1	1	
AW-23	D		1		4400	2500																									DO										1	1	
AW-24	J		1		6000	4350																									DO										1	1	
AW-25	K		1		9500	1500																									DO										1	1	
AW-26	C	KOTA INTAN STATION	4		1800	900						ALUM.						ALUM.												ASSEMBLY		BY	MANUFACTURER									1	4	

DOOR AND WINDOW TYPES

A	B	C	D	E	F	G	H	I	J	K
										
JALOUSIE TYPE					VIDEO PHONE • CLEAR ACRYLICAL LIGHT PLATE • CHROME FRAME					

REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1 AUG. 88	[illegible]	[illegible]	[illegible]	K.M	AK
A	15 FEB 88	[illegible]	[illegible]	[illegible]	K.M	AK

REPUBLIC OF INDONESIA
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DIRECTORATE GENERAL OF LAND TRANSPORT AND INLAND WATERWAYS

NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

DOOR AND WINDOW SCHEDULE

(SHEET I OF 2)

PACKAGE: I CIVIL AND ARCHITECTURAL WORK

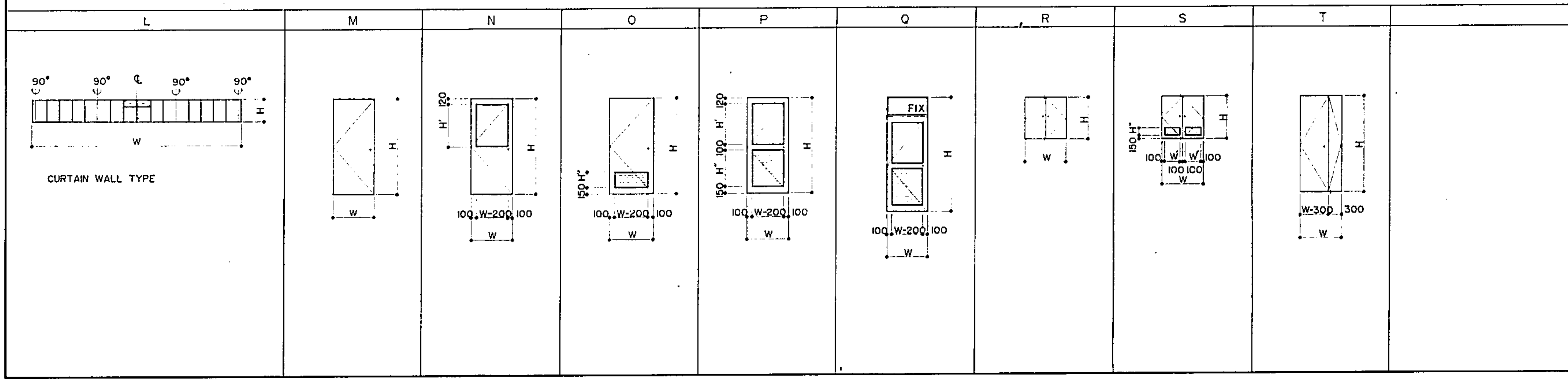
SCALE: NONE

DRAWING NO: AA - 043

DOOR AND WINDOW SCHEDULE - 2

MARK	TYPE	LOCATION	QUANTITY	UNDER CUT	DIMENSION: WIDTH	DIMENSION: HEIGHT	DIMENSION: THICKNESS	GRADE: SOUND PROOFING	GRADE: FIRE RATING (HR)	GRADE: THK OF FACER SHT	GRADE: EXPLOSION PROOF	DOOR AND WINDOW: MATERIAL	DOOR AND WINDOW: FINISH	GLAZING THK=6MM: WIDTH	GLAZING THK=6MM: HEIGHT (H')	LOUVER: WIDTH	LOUVER: HEIGHT (H")	MATERIAL	FINISH	FRAME DETAIL MARK: HEAD	JAMB	SILL	TRANSOM	MEETING	LOCK SET: CYLINDER	DEADLOCK	DEADLATCH	MORTISE BIT KEY DEADLOCK	SWING LATCH	HINGE: PIVOT	BUTT 127mm	BUTT 65mm	FLOOR	CLOSER: DOOR	FLOOR	STOPPER AND HOLDER	PULL	PUSH PLATE	FLUSH BOLT (TOP AND BOTTOM)	TRACK RAIL	HANGER RAIL	PLACE	TOTAL QUANTITY	REMARKS
AW-30	A	CROSSING WATCHMAN'S BOX	1		300	1200						ALUM.	–					ALUM.	–						←					ASSEMBLY		BY	MANUFACTURER								→	15	15	
AW-31	B	SIGNAL CABIN	17		600	1200							–						–						←							DO									→	2	34	
AW-32	A	SIGNAL CABIN	1		1200	450							–						–						←							DO									→	2	2	
AW-33	C	CROSSING WATCHMAN'S BOX	1		1200	1200							–						–						←							DO									→	15	15	
AW-34	C	CROSSING WATCHMAN'S BOX	1		1800	1200							–						–						←							DO									→	15	15	
AW-35	L	SIGNAL CABIN	1		18200	2000							–						–						←							DO									→	2	2	
AW-36	E	SIGNAL CABIN	2		3100	1200						ALUM.	–					ALUM.	–						←					ASSEMBLY		BY	MANUFACTURER								→	2	4	
SD-1	M	COMMON	–		900	2100	45					STEEL	PAINT					STEEL	PAINT						O						(3)			O								–	16	COMMON TO ALL BUILDINGS
SD-2	N	DO	–		900	2100	45							700	930										O						(3)			O								–	33	DO
SD-3	O	DO	–		900	2100	45									700	350								O						(3)			O								–	7	COMMON TO ALL BUILDINGS
SD-4	P	DO	4		900	2100	45							700	930	700	800								O						(3)			O								1	4	
SD-5	Q	KOTA INTAN STATION.	1		900	2500	45							700 900	930 400	700	800								O						(3)			O								1	1	
SD-6	R	KOTA INTAN STATION	4		1800	2100	45																		O						(6)			O					O			1	4	
SD-7	S	COMMON	–		1800	2100	45									700	350								O						(6)			O					O			–	12	COMMON TO ALL BUILDINGS
SD-8	M	COMMON	–		900	1500	45																		O						(2)			O								–	3	COMMON TO ALL BUILDINGS
SD-9	M	AIRPORT TERMINAL STATION	1		650	2100	45																		O						(2)			O								1	1	
SD-10	O	SIGNAL CABIN	1		900	1800	45					STEEL	PAINT			600	300	STEEL	PAINT						O						(2)			O								2	2	
WD-1	M	COMMON	–		750	2100	45					WOOD	PAINT					WOOD	PAINT								O				(3)					O	O					–	36	COMMON TO ALL BUILDINGS
WD-2	O	SIGNAL CABIN	5		750	2100	45									550	250										O				(3)					O	O					2	10	
WD-3	M	COMMON	–	100	600	2100	45																			O					(3)											–	32	COMMON TO ALL BUILDINGS
WD-4	M	AIRPORT TERMINAL STATION	2		400	2100	45																				O				(3)					O	O					1	2	
WD-5	T	KOTA INTAN STATION	1		900	2100	45																				O				(6)					O	O		O			1	1	
WD-6	R	AIRPORT TERMINAL STATION	1		1400	2100	45																				O				(6)					O	O		O			1	1	
WD-7	M	COMMON	1		700	700	30																				O					(2)				O	O					1	1	
WD-8	R	SIGNAL CABIN	4		1100	2100	45					WOOD	PAINT					WOOD	PAINT								O				(6)						O		O			2	8	

DOOR AND WINDOW TYPE



REPUBLIC OF INDONESIA
MINISTRY OF COMMUNICATIONS
DIRECTORATE GENERAL OF LAND TRANSPORT
AND INLAND WATERWAYS

NEW RAILWAY LINE FOR CENGKARENG AIRPORT
CONSTRUCTION PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY
(JICA)

REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1 AUG. '89	T. Sugi	Sophon	[illegible]	K.M	[illegible]
A	15 FEB. 89	T. Sugi	Sophon	[illegible]	K.M	[illegible]

DOOR AND WINDOW SCHEDULE

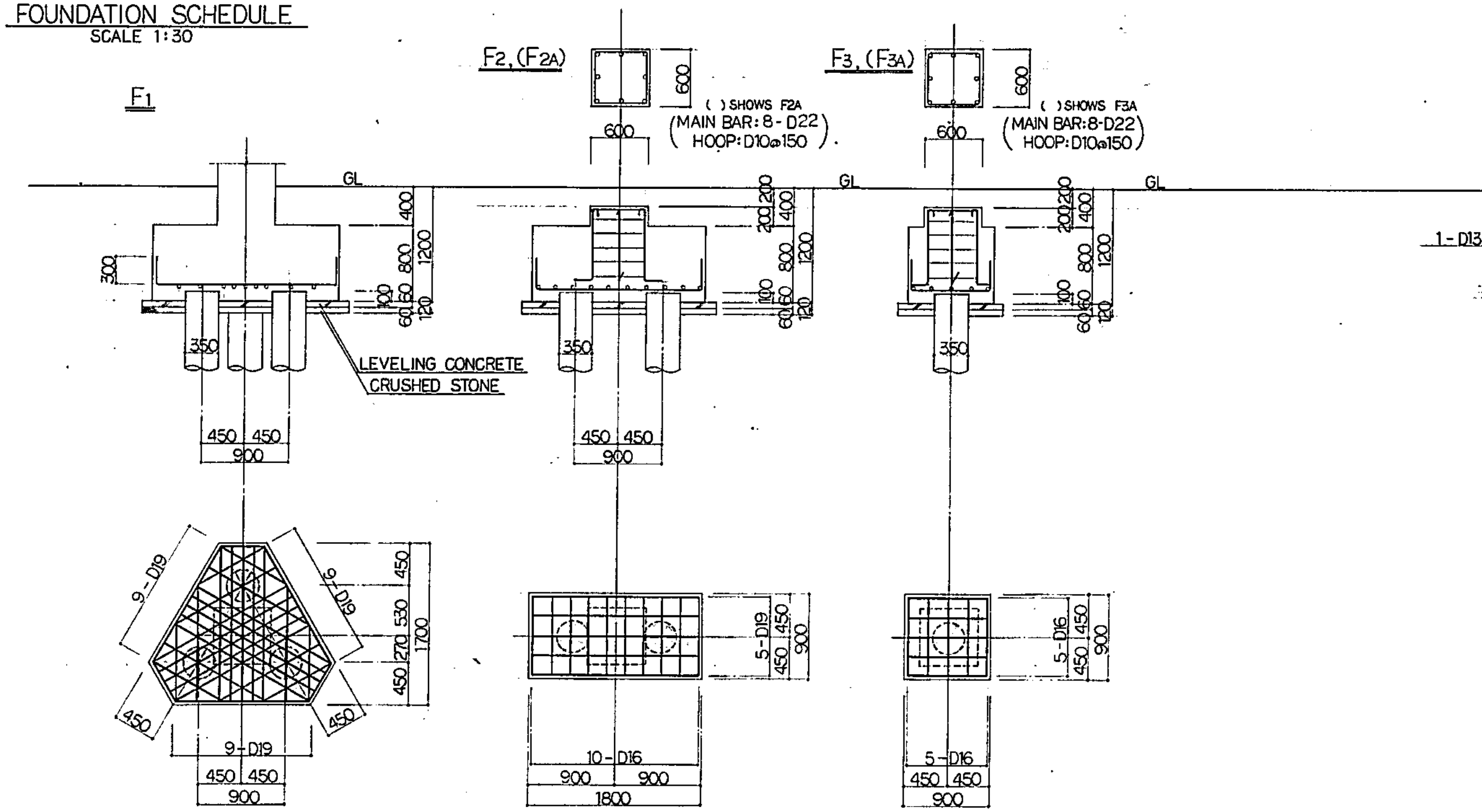
(SHEET 2 OF 2)

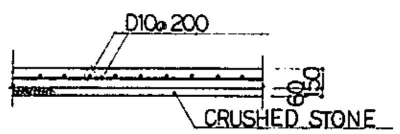
PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE: NONE

DRAWING NO: AA - 044

FOUNDATION SCHEDULE
SCALE 1:30

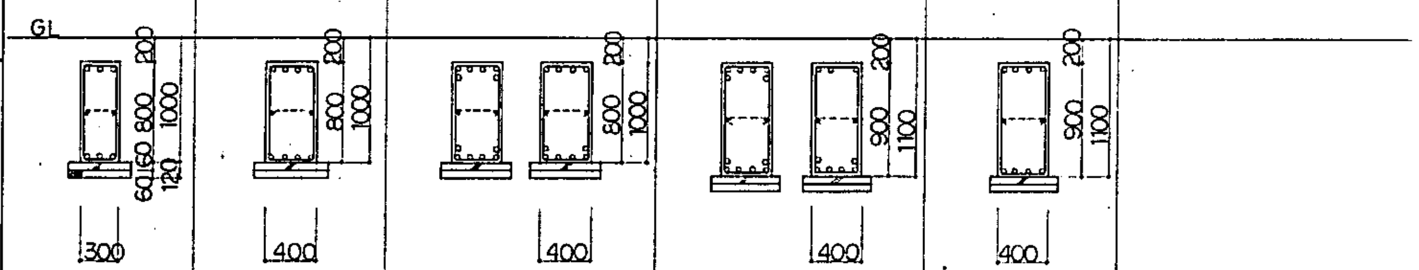


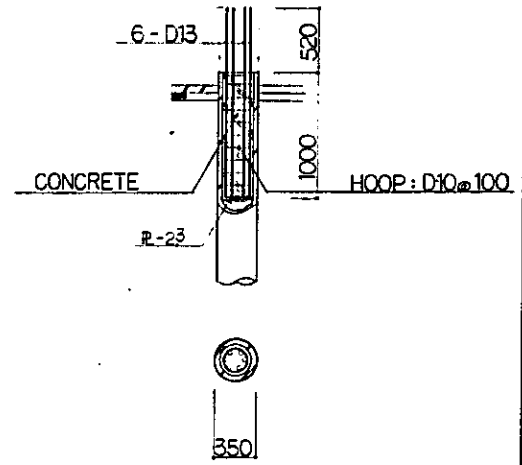


SLAB ON GRADE
SCALE 1:30

GIRDER SCHEDULE
SCALE 1:30

←→ SHOWS TIE BAR : D10@600

MARK	FG1	FG2	FG3		FG4		FG5
POSITION	ALL	ALL	END	CENTER	END	CENTER	ALL
SECTION							
BxD	300x800	400x800	400x800		400x900		400x900
TOP BAR	3-D25	4-D25	6-D25	4-D25	6-D25	3-D25	4-D25
BOTTOM BAR	3-D25	4-D25	6-D25	6-D25	6-D25	6-D25	4-D25
STIRRUP	D13@200	D13@200	D13@200		D13@200		D13@200
WEB BAR	2-D13	2-D13	2-D13		2-D13		2-D13



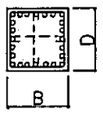
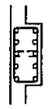
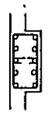
PILE HEAD DETAIL

REPUBLIC OF INDONESIA MINISTRY OF COMMUNICATIONS DIRECTORATE GENERAL OF LAND TRANSPORT AND INLAND WATERWAYS	
NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT	
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	
REVISIONS: B, A	DATE / DESIGNED / DRAWN / CHECKED / REVIEWED / SUBMITTED
FOUNDATION SCHEDULE	
PACKAGE: I CIVIL AND ARCHITECTURAL WORK	
SCALE 1:30	DRAWING NO. AS - 001

STEEL MEMBER SCHEDULE

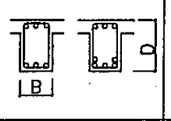
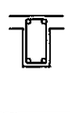
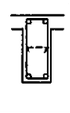
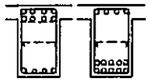
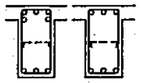
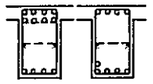
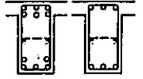
	MARK	SIZE
AIRPORT STATION	C1	ø-355.6 x 7.9
	C2	ø-457.2 x 9.5
	G1	ø-355.6 x 7.9
	G2	ø-355.6 x 9.5
	G3	ø-355.6 x 6.4
	G4	ø-457.2 x 9.5
	G5	ø-267.4 x 6
	G6	ø-165.2 x 4
	B1	ø-267.4 x 6
	B2	ø-165.2 x 4
	B3	L-75 x 75 x 6
	V1	H 250x250x9x14
	P1	ø-355.6 x 6.4
	P2	ø-267.4 x 6
	P3	ø-165.2 x 4
KOTA INTAN STATION	KC1	H-250 x 250 x 9 x 14
	KG1	H-300 x 150 x 6.5 x 9
	KG2	H-300 x 150 x 6.5 x 9
	KB1	H-248 x 124 x 5 x 8
	KB2	H-175 x 90 x 5 x 8
	KB3	C-100 x 50 x 20 x 2.3
	KB4	H-300 x 150 x 6.5 x 9
	KP1	H-244 x 175 x 7 x 11
SIGNAL CABIN	SG1	H-250 x 125 x 6 x 9
	SB1	2C-100 x 50 x 20 x 2.3

COLUMN SCHEDULE
SCALE 1:30

MARK	C10	C11	KC10	SC10	SC11
3rd STORY SECTION					
B x D	600x600				
MAIN BAR	24-D22				
HOOP	D13@100				
D.HOOP	D10@600				
2nd STORY SECTION					
B x D	600x600	300x600	600x600	500x500	
MAIN BAR	24-D22	10-D19	20-D25	8-D25	
HOOP	D13@100	D10@100	D13@100	D13@100	
D.HOOP	D10@600	D10@600	D10@600	D10@600	
1st STORY SECTION					
B x D	600x600	300x600	600x600	500x500	400x400
MAIN BAR	24-D22	10-D19	20-D25	8-D25	8-D16
HOOP	D13@100	D10@100	D13@100	D13@100	D10@100
D.HOOP	D10@600	D10@600	D10@600	D10@600	D10@600

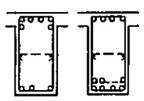
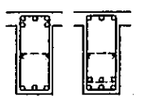
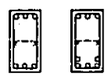
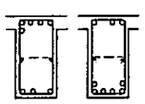
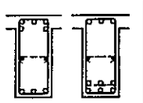
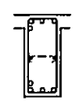
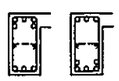
GIRDER SCHEDULE
SCALE 1:30

<---> SHOWS TIE BAR D10@600

MARK	G10		G11		G12	CG10
POSITION	END	CENTER	ALL		ALL	
ROOF SECTION						
B x D	300 x 500		250 x 500		250 x 650	
TOP BAR	3-D22	3-D22	2-D22		2-D22	
BOTTOM BAR	3-D22	5-D22	2-D22		2-D22	
STIRRUP	D10@200		D10@200		D10@200	
WEB BAR	—		—		2-D10	
POSITION	END	CENTER	END	CENTER	ALL	ALL
3rd STORY SECTION						
B x D	400 x 700		350x700		300 x 600	350 x 700
TOP BAR	8-D25	4-D25	5-D25	3-D25	3-D25	5-D25
BOTTOM BAR	4-D25	10-D25	3-D25	3-D25	3-D25	3-D25
STIRRUP	D13@100		D13@200		D10@200	D10@200
WEB BAR	2-D13		2-D13		2-D10	2-D10
POSITION	END	CENTER	END	CENTER	ALL	ALL
2nd STORY SECTION						
B x D	400 x 700		350 x 700		300 x 600	350x700
TOP BAR	8-D25	4-D25	6-D25	3-D25	3-D25	5-D25
BOTTOM BAR	4-D25	6-D25	5-D25	3-D25	3-D25	3-D25
STIRRUP	D13@100		D13@200		D10@200	D10@200
WEB BAR	2-D13		2-D13		2-D10	2-D10

GIRDER SCHEDULE
SCALE 1:30

<---> SHOWS TIE BAR D10@600

MARK	WG1		KG10		KG11		KG12		SG10		SG11	SG12	
POSITION			END	CENTER	END	CENTER	ALL		END	CENTER	ALL		
ROOF SECTION													
B x D			400 x 800		350x800		350x800		300 x 600		300 x 600		
TOP BAR			6-D25	4-D25	5-D25	3-D25	4-D25		3-D22	3-D22	3-D19		
BOTTOM BAR			3-D25	7-D25	3-D25	6-D25	4-D25		3-D22	5-D22	3-D19		
STIRRUP			D13@100		D13@100		D10@200		D10@200		D10@200		
WEB BAR			2-D13		2-D13		2-D10		2-D10		2-D10		
POSITION	ALL		END	CENTER	END	CENTER	ALL		END	CENTER	ALL	ALL	
2nd STORY SECTION													
B x D	150x600		400 x 800		350 x 800		350x800		300 x 600		300x600	250x500	
TOP BAR	1-D13		5-D25	3-D25	5-D25	3-D25	4-D25		5-D22	3-D22	3-D22	2-D19	
BOTTOM BAR	1-D13		3-D25	6-D25	3-D25	6-D25	4-D25		3-D22	5-D22	3-D22	2-D19	
STIRRUP	D10@200		D13@100		D13@100		D10@200		D10@200		D10@200	D10@200	
WEB BAR	2-D10		2-D13		2-D13		2-D10		2-D10		2-D10	—	

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JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1 AUG. 89				K.M.	
A	15 FEB. 89				K.M.	

COLUMN AND GIRDER SCHEDULE

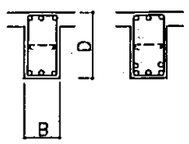
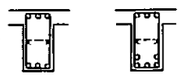
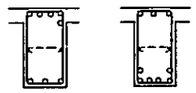
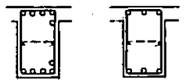
PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE 1:30

DRAWING NO: AS - 002

BEAM SCHEDULE

SCALE 1:30 ⟷ SHOWS TIE BAR D10@600

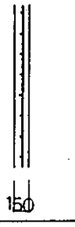
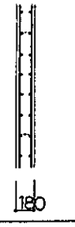
MARK	B10		B11	B12		B13	B14		B15		B16
POSITION	END	CENTER	ALL	END	CENTER	ALL	END	CENTER	END	CENTER	ALL
SECTION											
B x D	350 x 650		300 x 500	300 x 600		200 x 500	400 x 800		400 x 700		400 x 600
TOP BAR	3 - D22	3 - D22	3 - D22	3 - D22	3 - D22	2 - D19	5 - D25	3 - D25	5 - D25	3 - D25	3 - D25
BOTTOM BAR	3 - D22	5 - D22	3 - D22	3 - D22	5 - D22	2 - D19	3 - D25	6 - D25	5 - D25	3 - D25	3 - D25
STIRRUP	D10 @200		D10 @200	D10 @200		D10 @200	D13 @200		D13 @200		D13 @200
WEB BAR	2 - D10		—	2 - D10		2 - D10	2 - D13		2 - D13		2 - D13

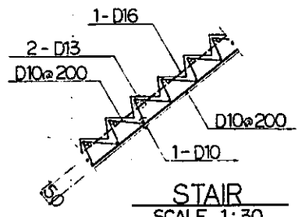
SLAB SCHEDULE

MARK	THICKNESS	POSITION	SHORT SPAN		LONG SPAN		NOTE
			END	CENTER	END	CENTER	
S1	130	TOP	D10 D13 @ 200	D10 D13 @ 200	D10 D13 @ 200	D10 D13 @ 200	
		BOTTOM	D10 D13 @ 200	D10 D13 @ 200	D10 D13 @ 200	D10 D13 @ 200	
S2	130	TOP	D10 D13 @ 200	D10 D13 @ 200	D10 @ 200	D10 @ 200	
		BOTTOM	D10 D13 @ 200	D10 D13 @ 200	D10 @ 200	D10 @ 200	
S3	150	TOP	D13 @ 200		D13 @ 200		
		BOTTOM	D13 @ 200		D13 @ 200		
CS1	150 ~ 130	TOP	D13 @ 200		D10 @ 200		
		BOTTOM	D10 @ 200		D10 @ 200		
CS2	200 ~ 130	TOP	D13 @ 200		D10 @ 200		
		BOTTOM	D10 @ 200		D10 @ 200		

WALL SCHEDULE

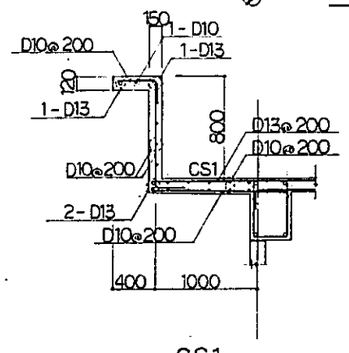
SCALE 1:30

MARK	W15	W18
SECTION		
THICKNESS	150	180
VERTI. BAR	D10@200	D10 D13@200
HORI. BAR	D10@200	D10@200
TIE BAR	—	D10@1000



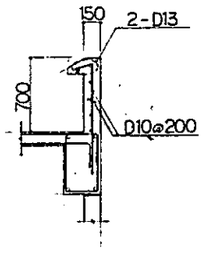
STAIR

SCALE 1:30



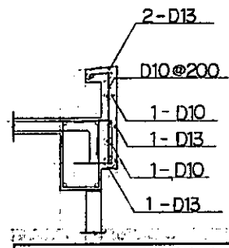
CS1

SCALE 1:30



ROOF PARAPET

SCALE 1:30



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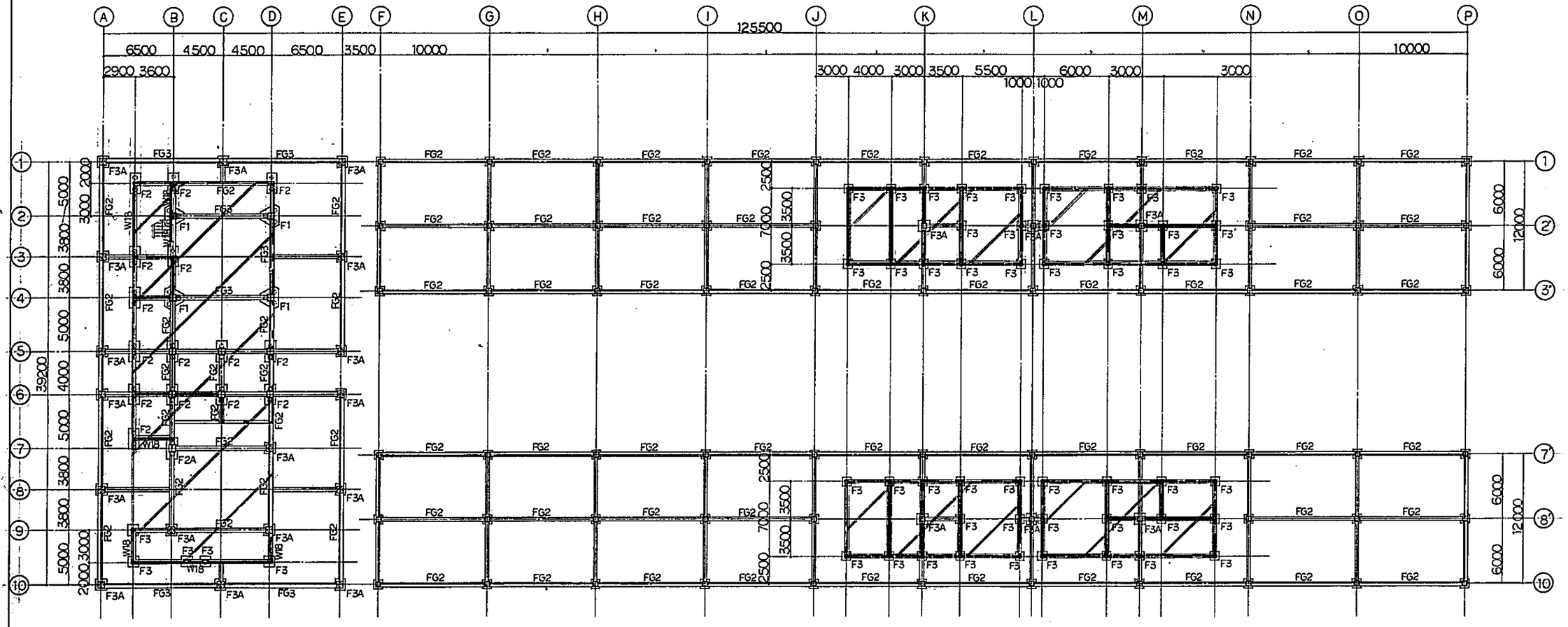
REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1 AUG. 89					
A	6 FEB. 89					

BEAM, SLAB AND WALL SCHEDULE

PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE: 1:30

DRAWING NO.: AS - 003



FOUNDATION PLAN

SCALE 1:200

UNLESS OTHERWISE NOTED

1. GIRDER MARK : FG1
2. WALL MARK : W15
3. FOOTING MARK : F3A
4. ▨ : SHOWS SLAB ON GRADE

REPUBLIC OF INDONESIA
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AND INLAND WATERWAYS

NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

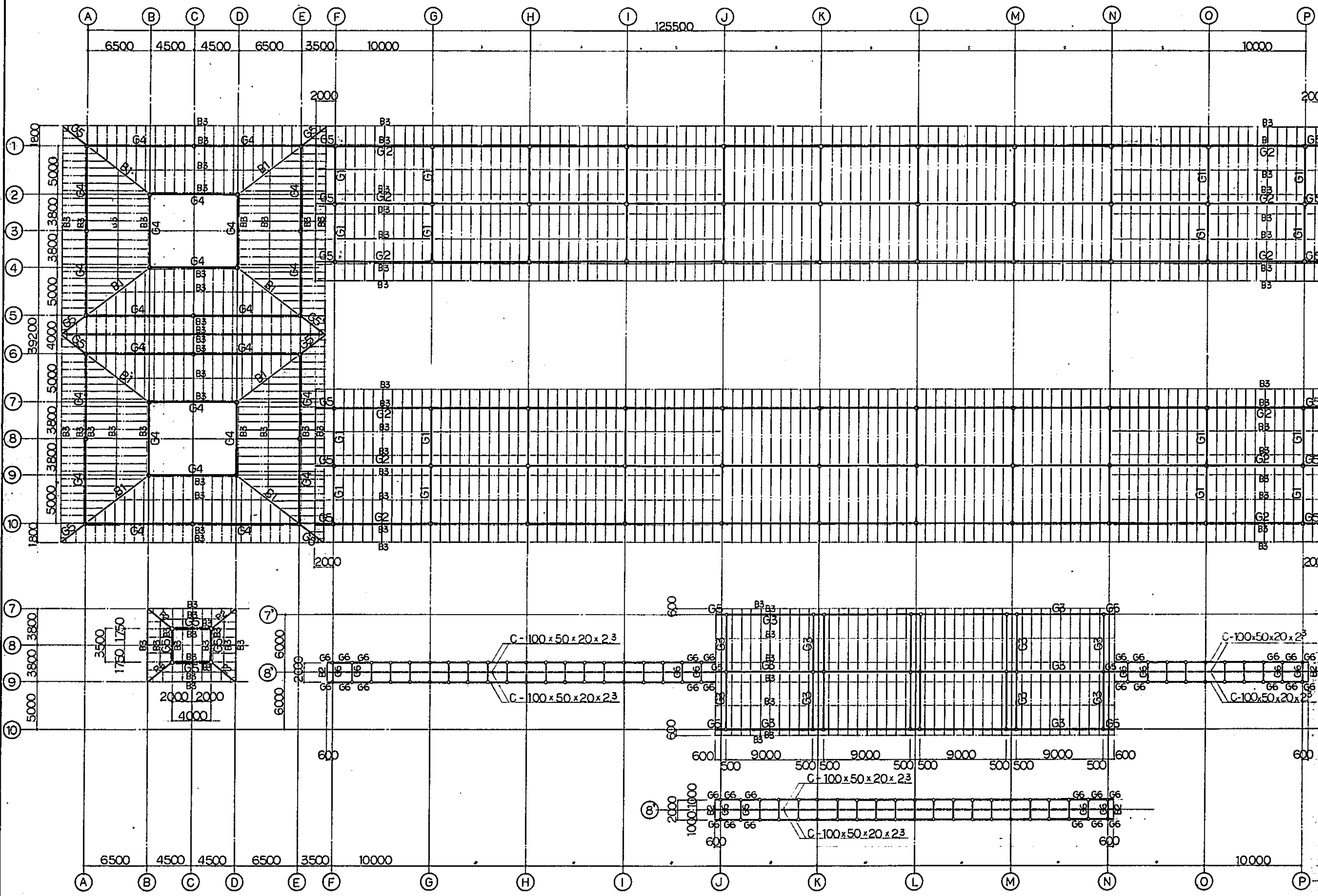
REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	10AUG.'88				K.M	
A	15FEB.'88				K.M	

AIRPORT TERMINAL STATION

FOUNDATION PLAN

PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE 1:200 — DRAWING NO. AS - 004



ROOF FRAMING PLAN

SCALE 1:200

UNLESS OTHERWISE NOTED
1. PURLIN : ø -165² x 4 (B2)
2. ROOF DECKING : V50 TYPE t = 1.6

REPUBLIC OF INDONESIA
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NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1 AUG. '89				K.M	
A	15 FEB. '89		N.A		K.M	

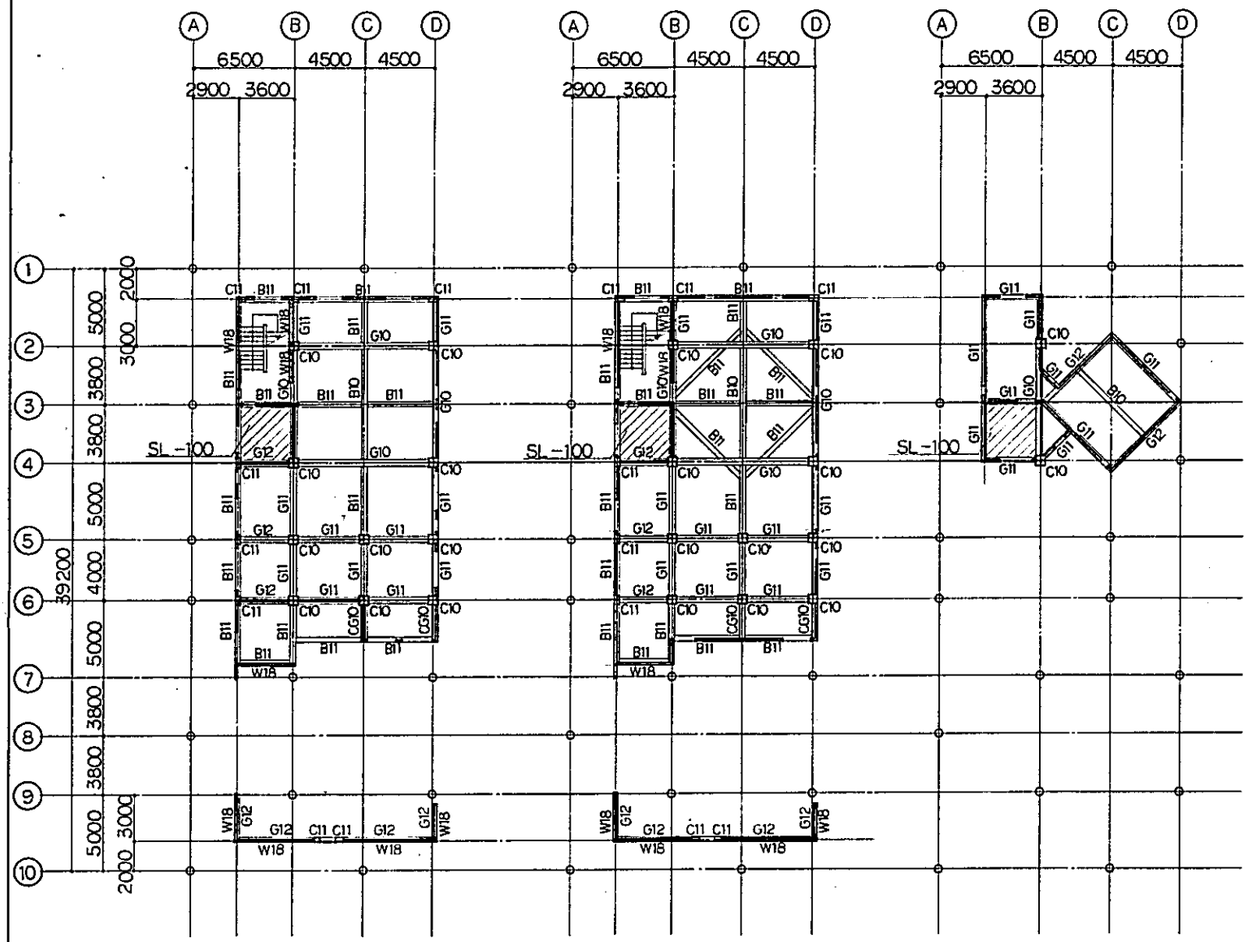
AIRPORT TERMINAL STATION

ROOF FRAMING PLAN

PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE: 1:200

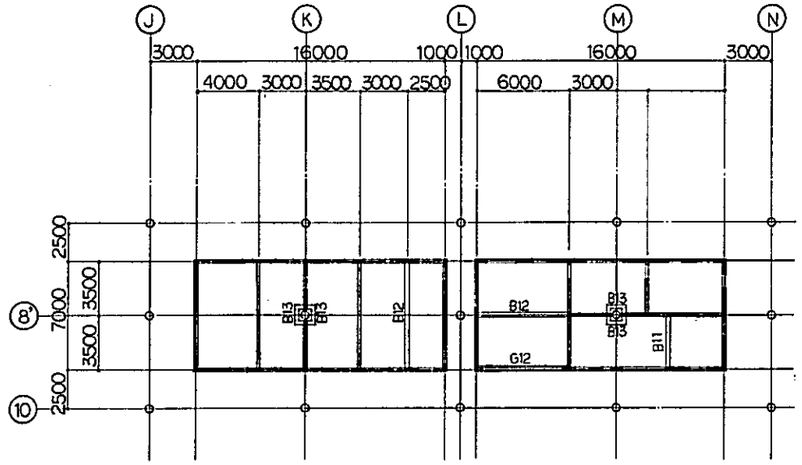
DRAWING NO: AS - 005



2nd FLOOR　　3rd FLOOR　　ROOF

FRAMING PLAN
SCALE 1:200

UNLESS OTHERWISE NOTED
1. SLAB MARK : S1
2. WALL MARK : W15



ROOF FRAMING PLAN
SCALE 1:200

UNLESS OTHERWISE NOTED
1. SLAB MARK : S1
2. GIRDER MARK : WG1
3. WALL MARK : W15

REPUBLIC OF INDONESIA
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NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

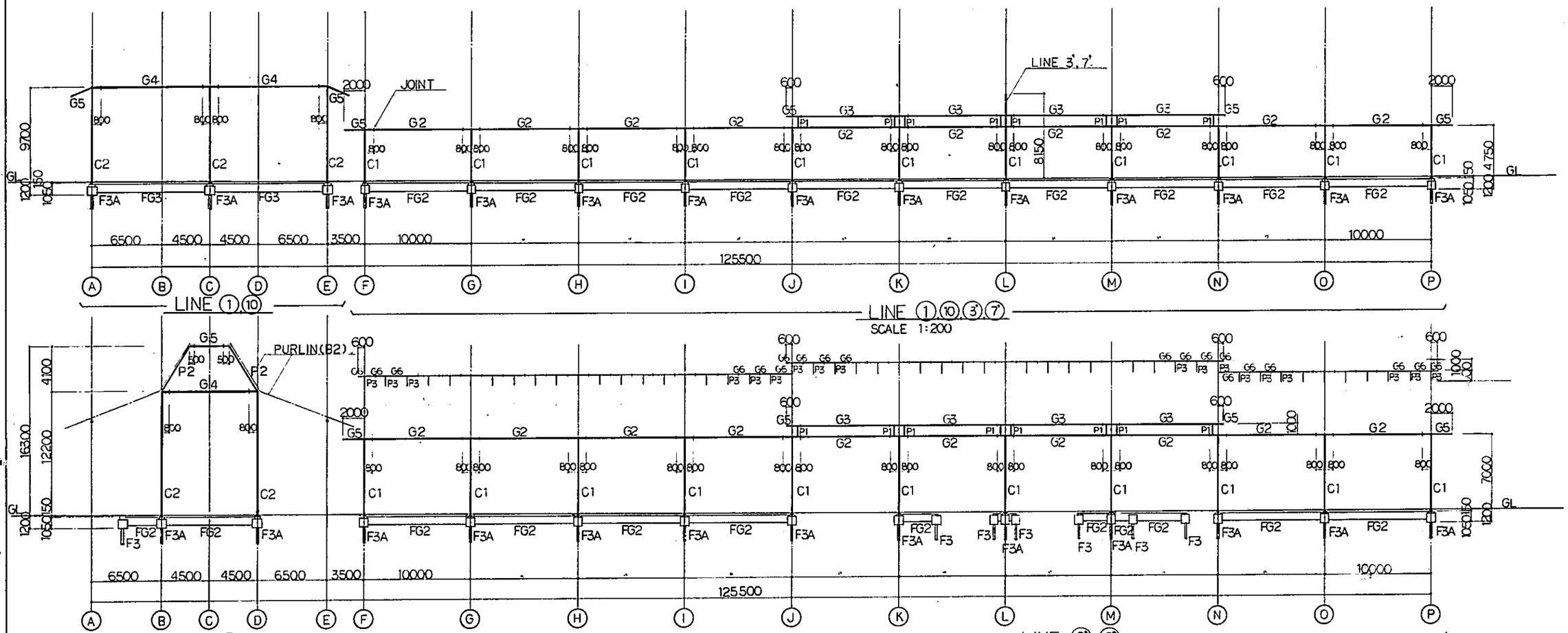
REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1 AUG 89				K.M.	
A	15 FEB 89				K.M.	

AIRPORT TERMINAL STATION.

FRAMING PLAN

PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE	DRAWING NO.
1:200	AS - 006



LINE (1),(10)

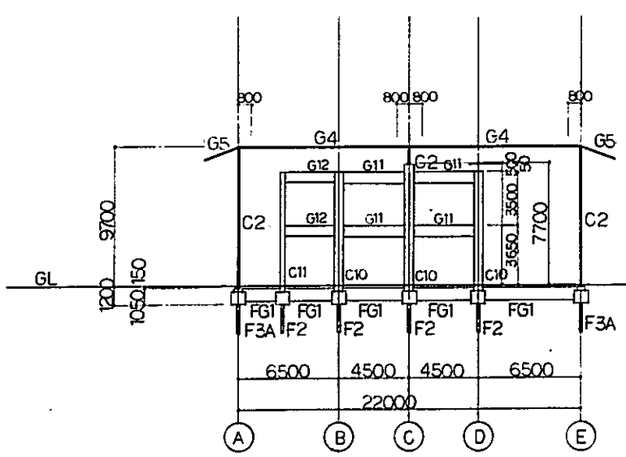
LINE (1),(10),(3'),(7')

SCALE 1:200

LINE (9)

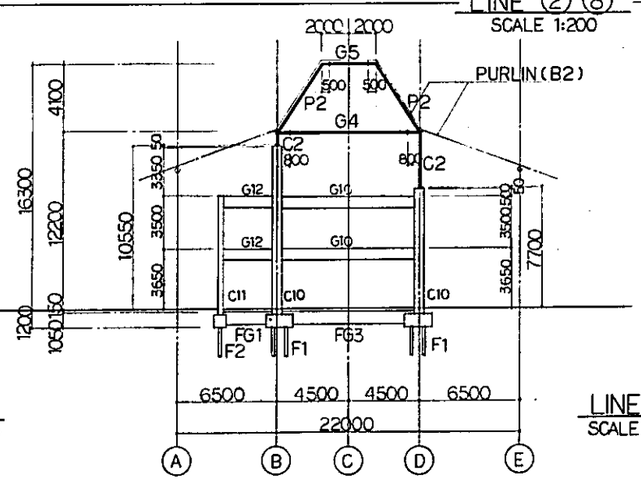
LINE (2),(8)

SCALE 1:200



LINE (5)

SCALE 1:200



LINE (4)

SCALE 1:200

REPUBLIC OF INDONESIA
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NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

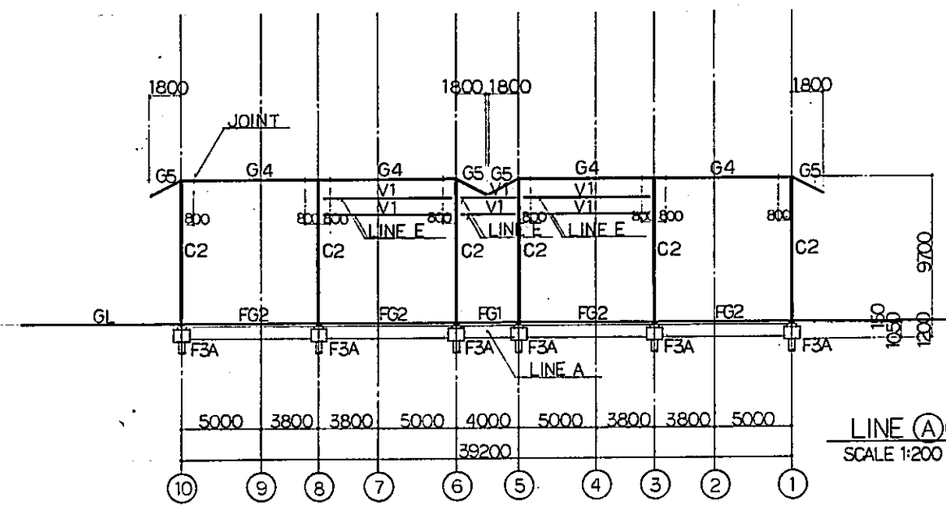
REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1 NOV. '89				K.M.	
A	15 FEB. '89				K.M.	

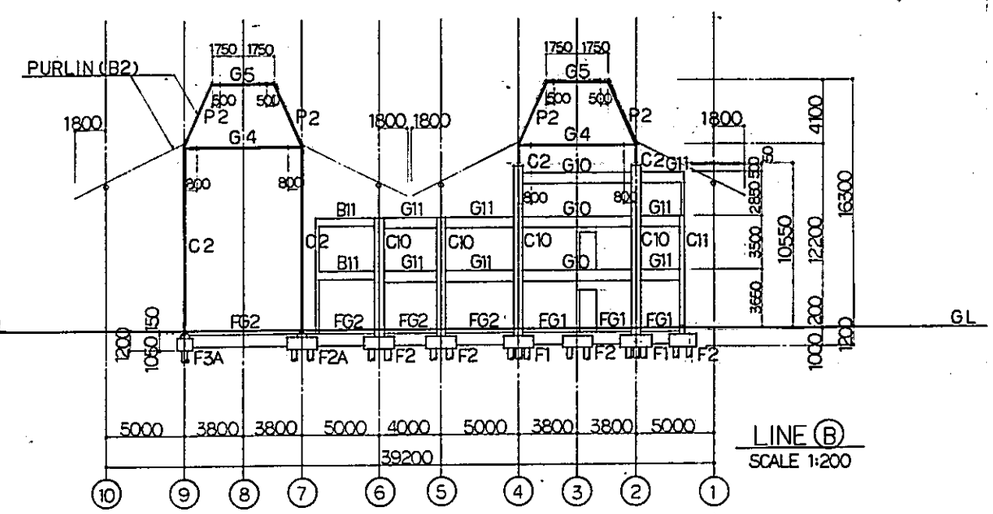
AIRPORT TERMINAL STATION
FRAMING ELEVATION
(SHEET 1 OF 2)

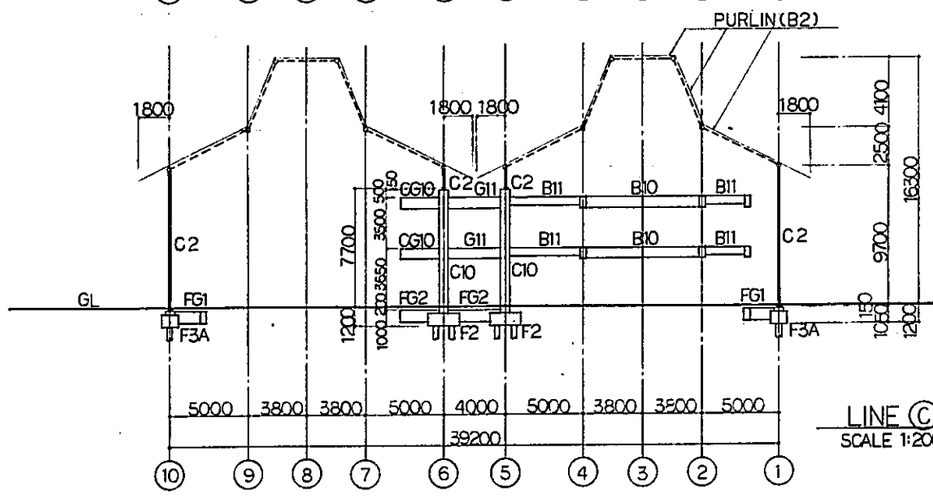
PACKAGE: I CIVIL AND ARCHITECTURAL WORK

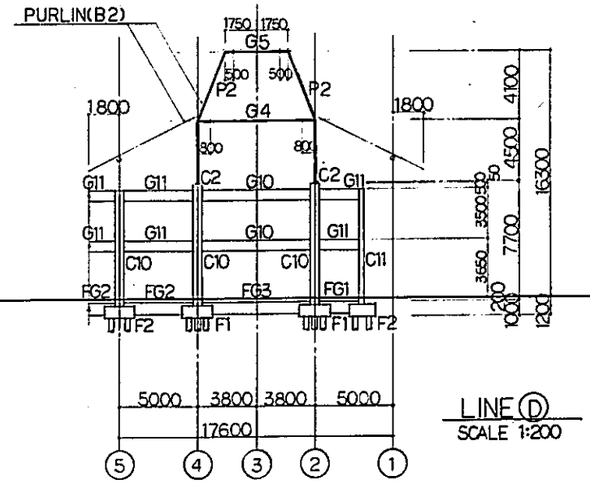
SCALE: 1:200

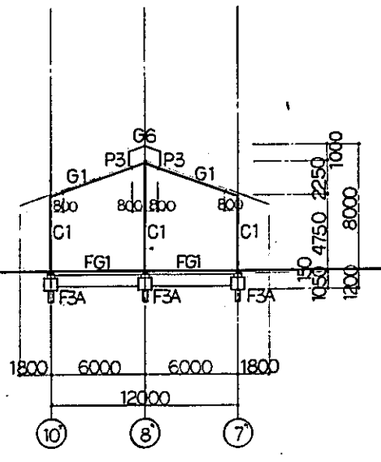
DRAWING NO: AS - 007

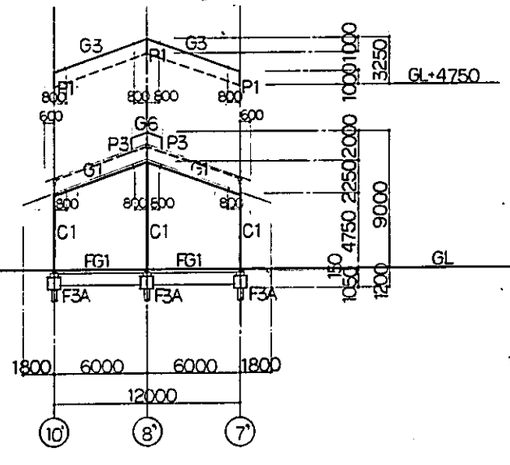


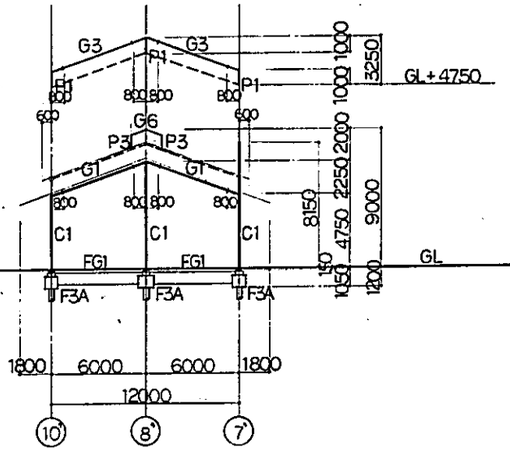












REPUBLIC OF INDONESIA
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NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1 AUG. '89				K.M	
A	15 FEB. '89				K.M	

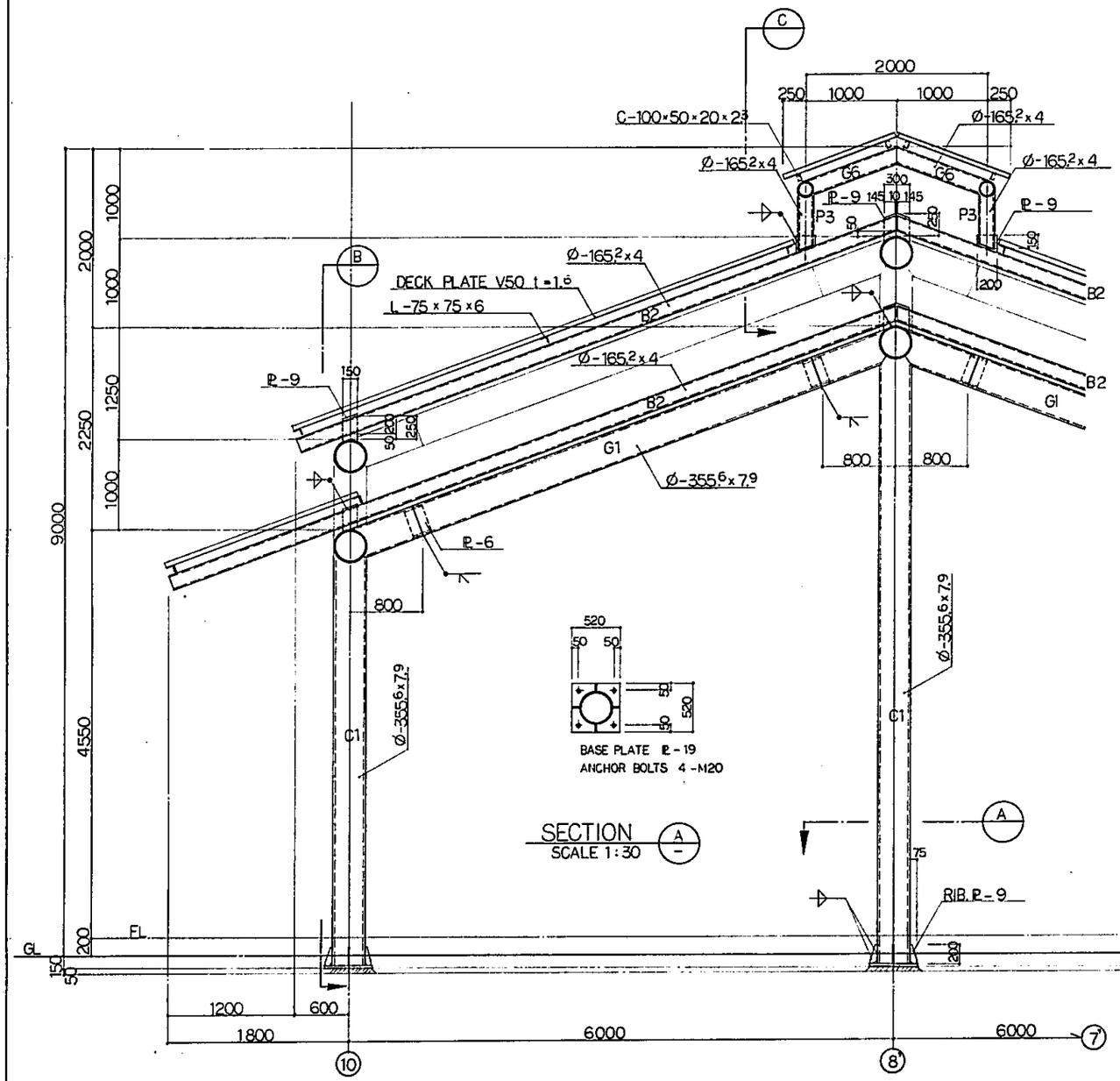
AIRPORT TERMINAL STATION FRAMING ELEVATION

(SHEET 2 OF 2)

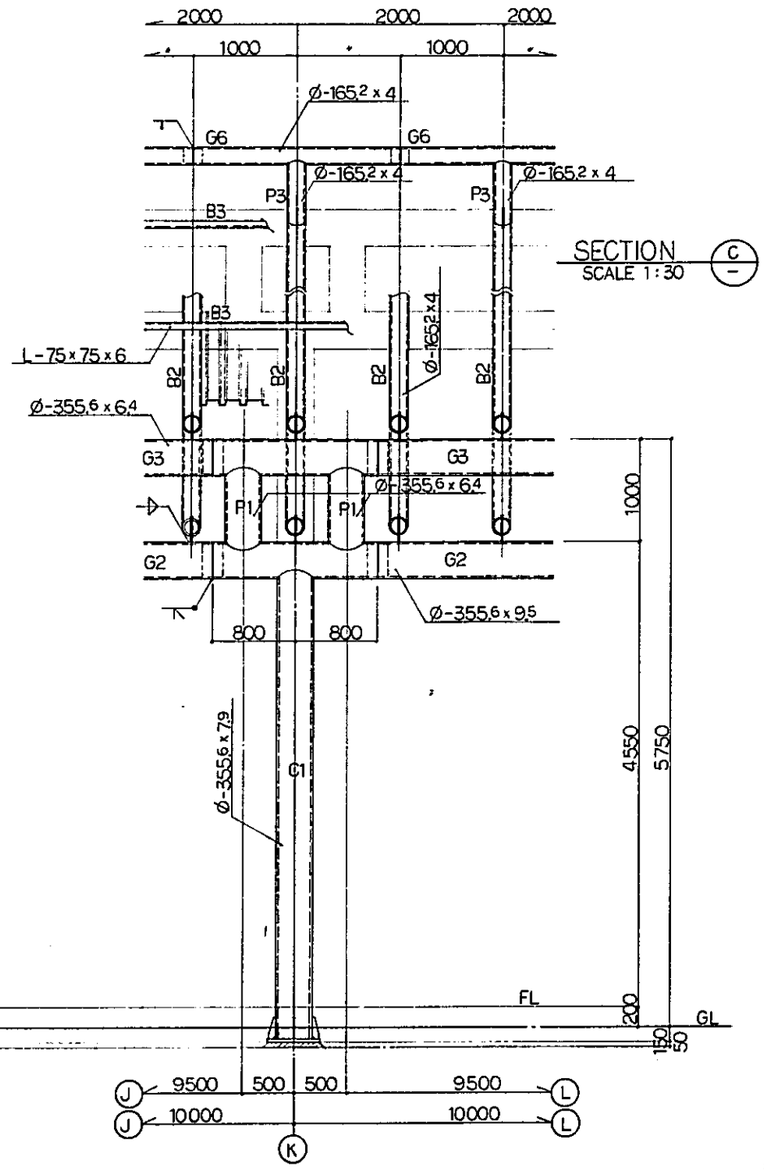
PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE: 1:200

DRAWING NO: AS - 008



K LINE FRAMING DETAIL
SCALE 1:30



SECTION C
SCALE 1:30

SECTION A
SCALE 1:30

SECTION B
SCALE 1:30

REPUBLIC OF INDONESIA
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NEW RAILWAY LINE FOR CENGKARENG AIRPORT
CONSTRUCTION PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY
(JICA)

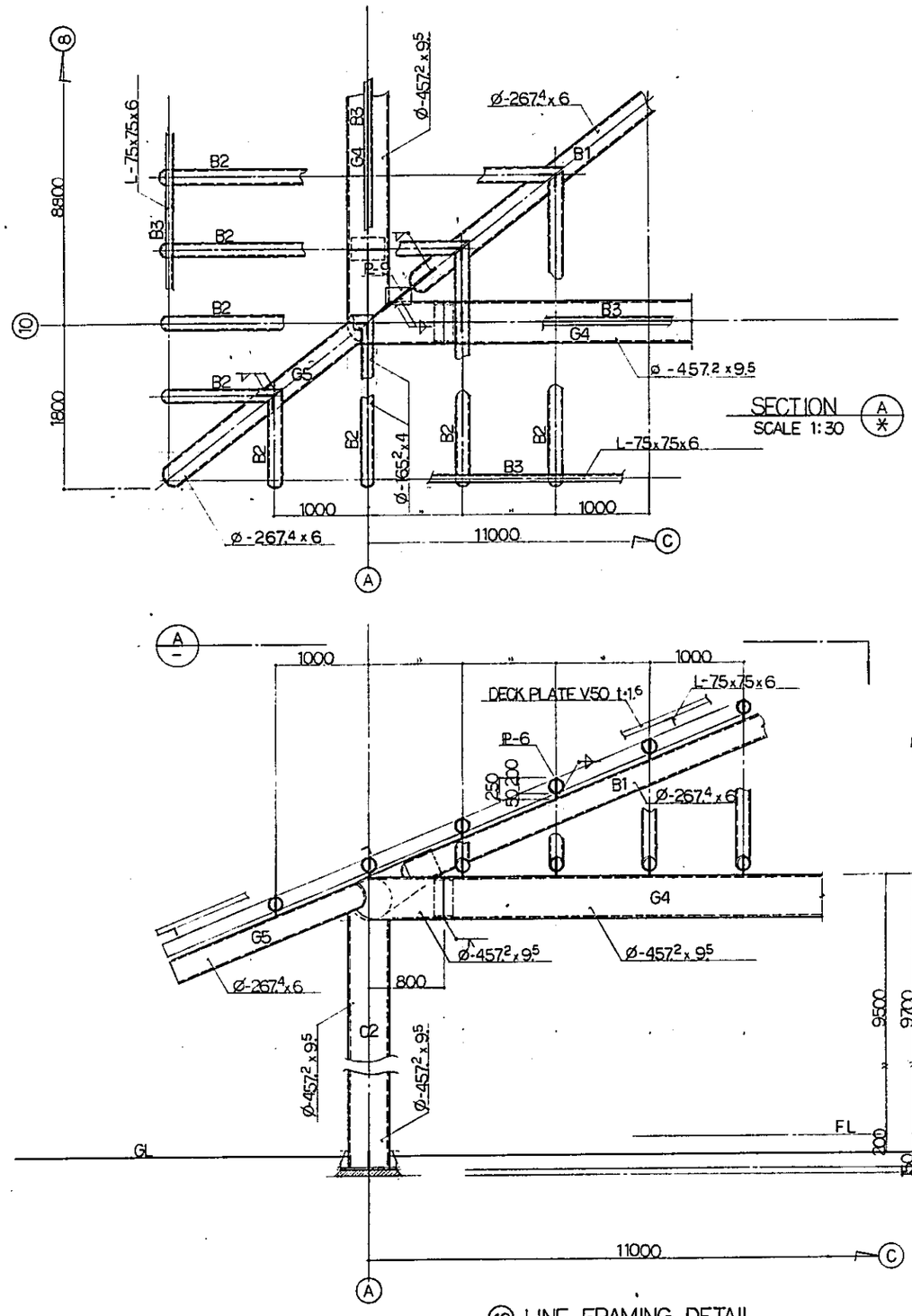
REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1 NOV. '88				K.M	
A	15 FEB. '88				K.M	

AIRPORT TERMINAL STATION
FRAMING DETAIL
(SHEET 1 OF 4)

PACKAGE: I CIVIL AND ARCHITECTURAL WORK

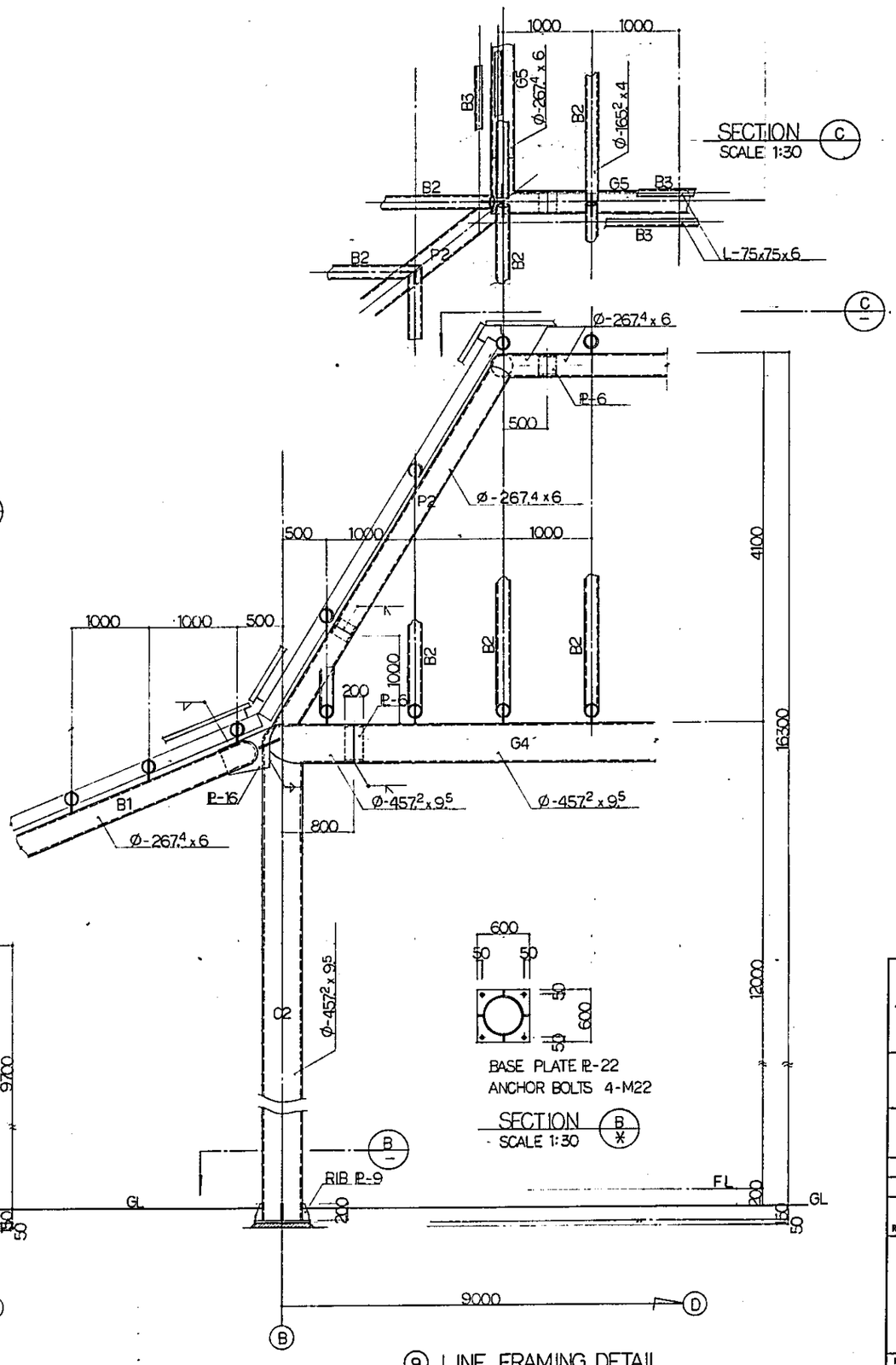
SCALE 1:30

DRAWING NO: AS - 009



SECTION A
SCALE 1:30

⑩ LINE FRAMING DETAIL
SCALE 1:30



SECTION C
SCALE 1:30

BASE PLATE PL-22
ANCHOR BOLTS 4-M22

SECTION B
SCALE 1:30

⑨ LINE FRAMING DETAIL
SCALE 1:30

REPUBLIC OF INDONESIA
MINISTRY OF COMMUNICATIONS
DIRECTORATE GENERAL OF LAND TRANSPORT AND INLAND WATERWAYS

NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

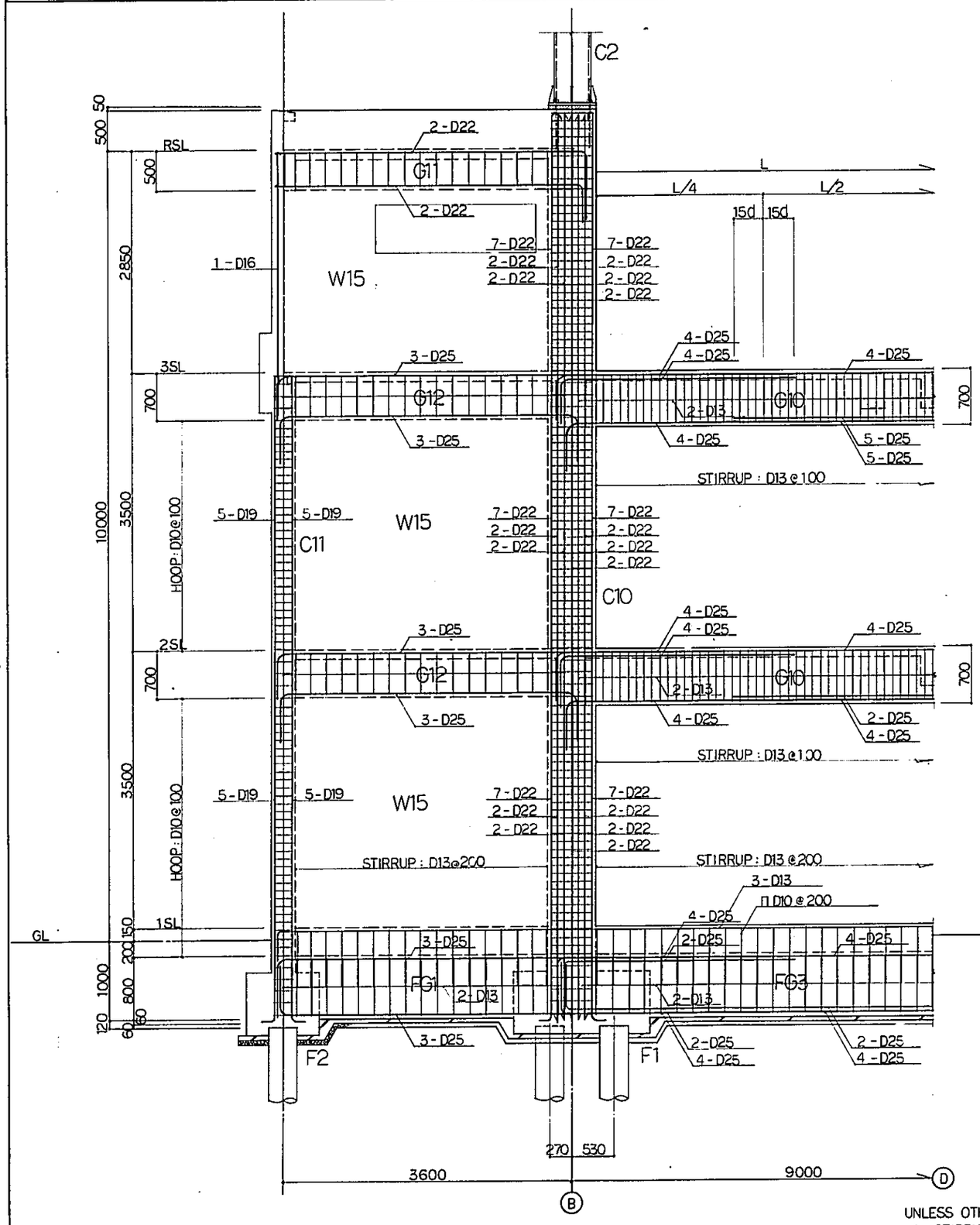
REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1 AUG. 79	[illegible]	[illegible]	[illegible]	K.M	[illegible]
A	15 FEB. 79	[illegible]	[illegible]	[illegible]	K.M	[illegible]

AIRPORT TERMINAL STATION
FRAMING DETAIL
(SHEET 2 OF 4)

PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE: 1:30

DRAWING NO: AS - 010



④ LINE FRAMING DETAIL
SCALE 1:30

UNLESS OTHERWISE NOTED
1. STIRRUP : D10 @200
2. HOOP : D10@150
3. WEB BAR : 2-D10

Ⓑ LINE FRAMING DETAIL
SCALE 1:30

REPUBLIC OF INDONESIA
MINISTRY OF COMMUNICATIONS
DIRECTORATE GENERAL OF LAND TRANSPORT AND INLAND WATERWAYS

NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

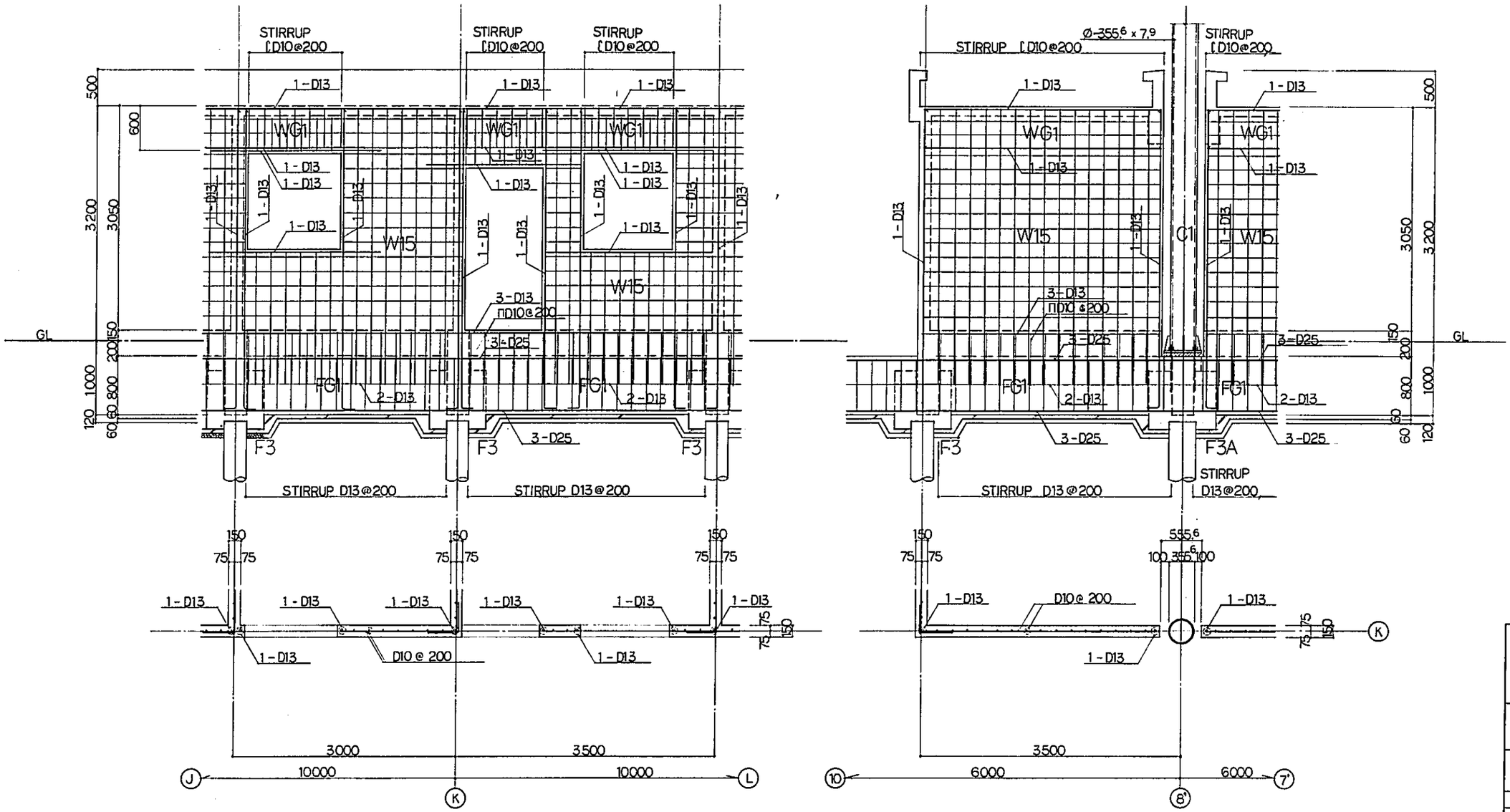
REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1 AUG. '89				K.M.	
A	15 FEB. '89				K.M	

AIRPORT TERMINAL STATION
FRAMING DETAIL
(SHEET 3 OF 4)

PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE: 1:30

DRAWING NO: AS - 011



FRAMING DETAIL
SCALE 1:30

REPUBLIC OF INDONESIA
MINISTRY OF COMMUNICATIONS
DIRECTORATE GENERAL OF LAND TRANSPORT AND INLAND WATERWAYS

NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

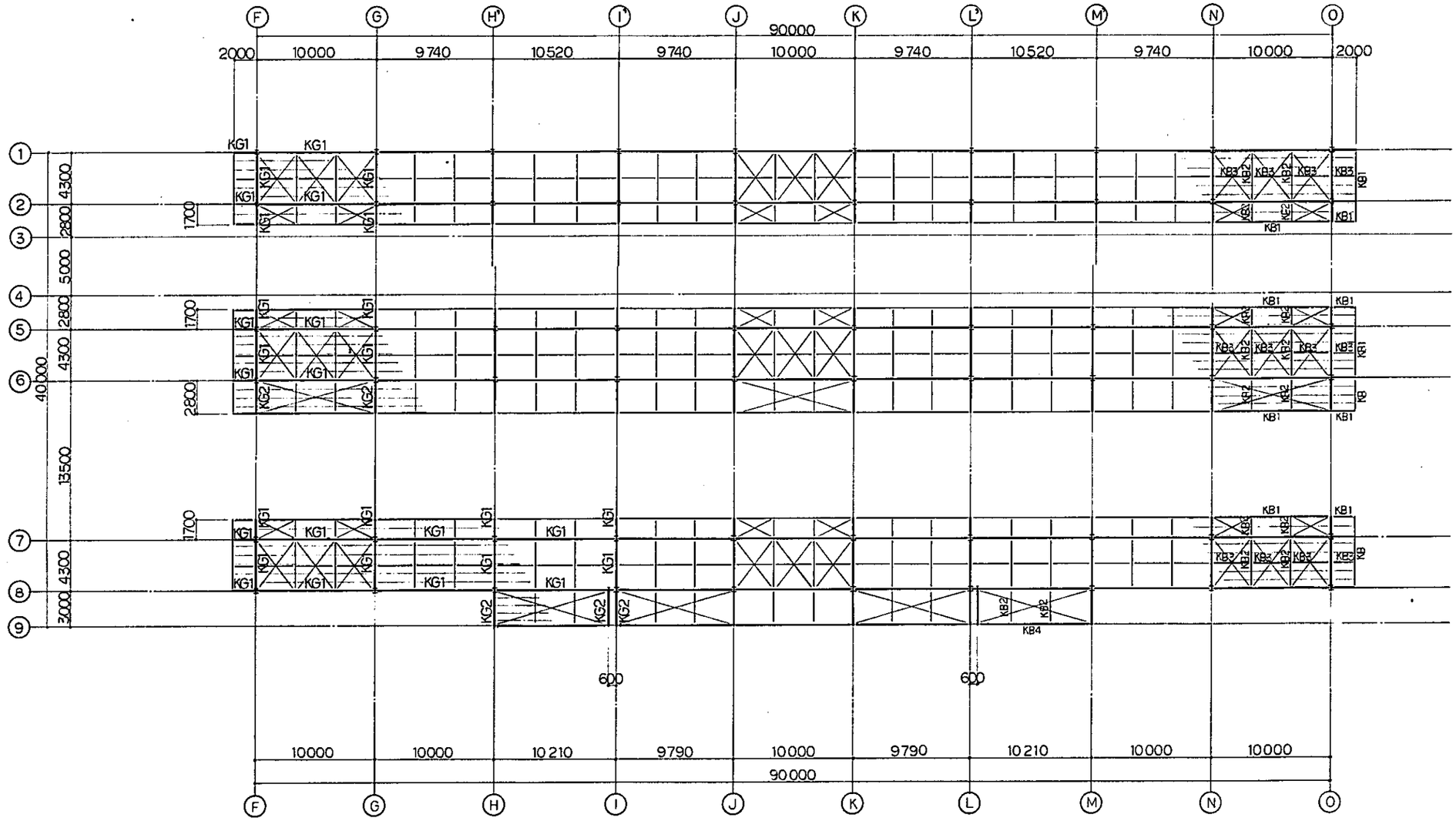
REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1 AUG '89				K.M	
A	15 FEB '89				K.M	

AIRPORT TERMINAL STATION
FRAMING DETAIL
(SHEET 4 OF 4)

PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE 1:30

DRAWING NO: AS - 012



ROOF FRAMING PLAN

SCALE 1:200

UNLESS OTHERWISE NOTED

1. BRACE : 1-16ø
2. PURLIN: C-100 x 50 x 20 x 2.3 @ 750

REPUBLIC OF INDONESIA
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AND INLAND WATERWAYS

NEW RAILWAY LINE FOR CENGKARENG AIRPORT
CONSTRUCTION PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY
(JICA)

REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	10.09.'89				K.M	
A	15 FEB. '89				K.M	

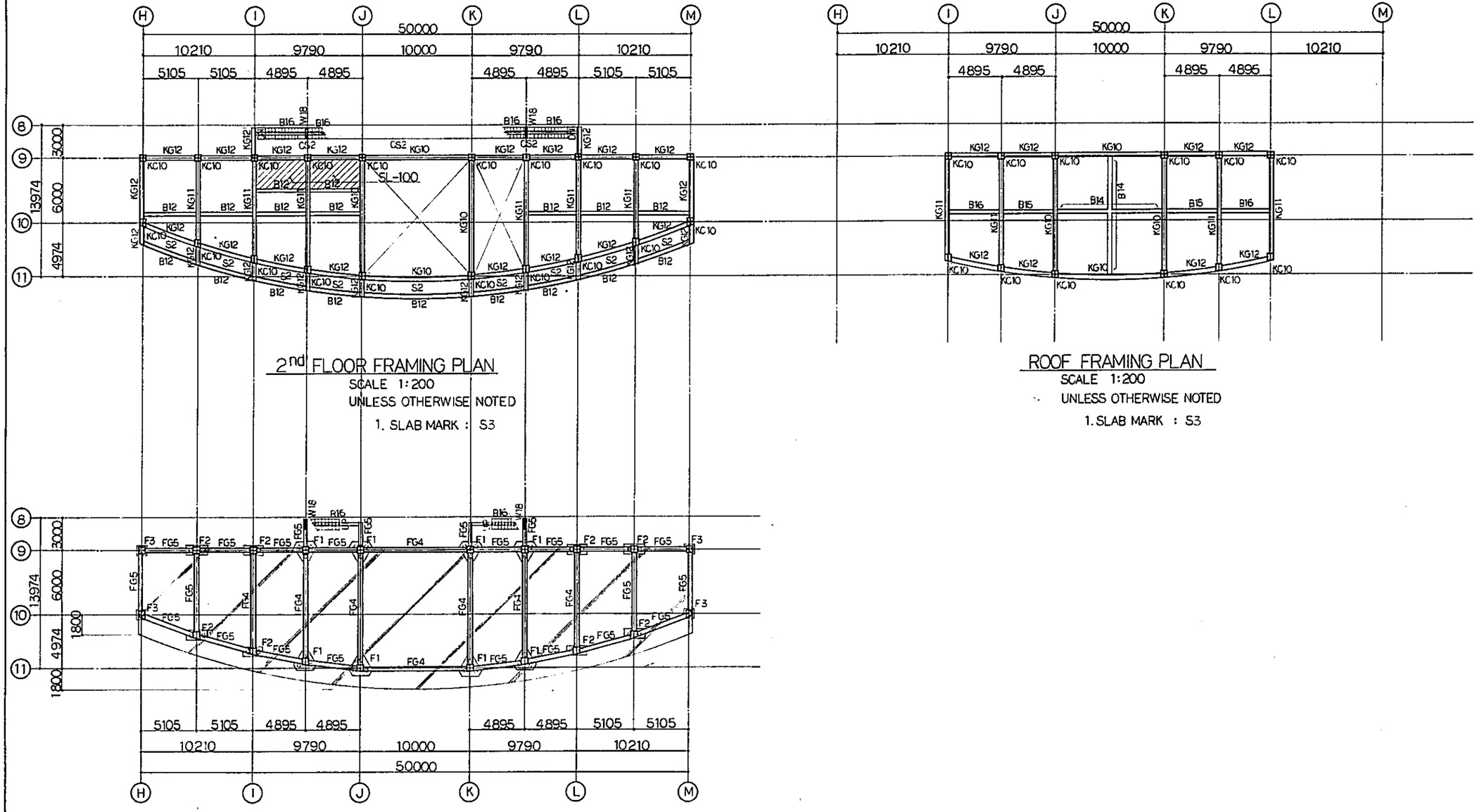
KOTA INTAN STATION

ROOF FRAMING PLAN

PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE 1:200

DRAWING NO: AS - 013



2nd FLOOR FRAMING PLAN

SCALE 1:200

UNLESS OTHERWISE NOTED

1. SLAB MARK : S3

ROOF FRAMING PLAN

SCALE 1:200

UNLESS OTHERWISE NOTED

1. SLAB MARK : S3

FOUNDATION PLAN

SCALE 1:200

NOTE ▨ SHOWS SLAB ON GRADE

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NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1 AUG. 89	[illegible]	[illegible]	[illegible]	K.M	[illegible]
A	15 FEB 89	[illegible]	[illegible]	[illegible]	K.M	[illegible]

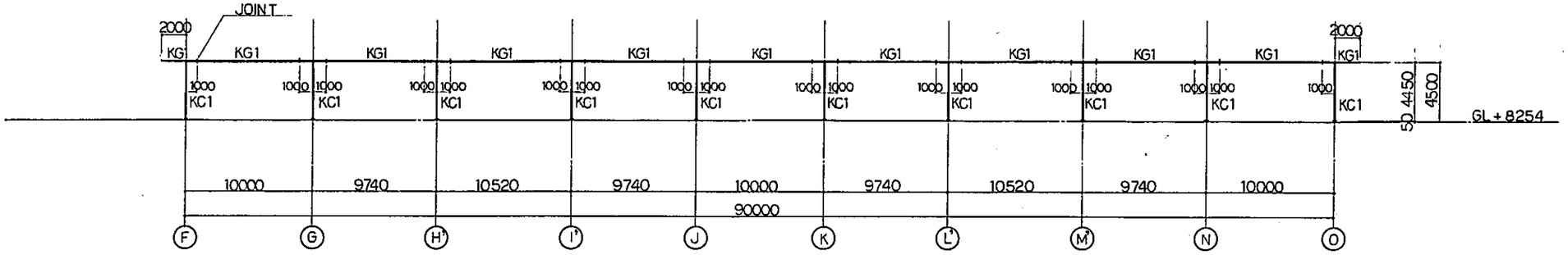
KOTA INTAN STATION

FRAMING PLAN

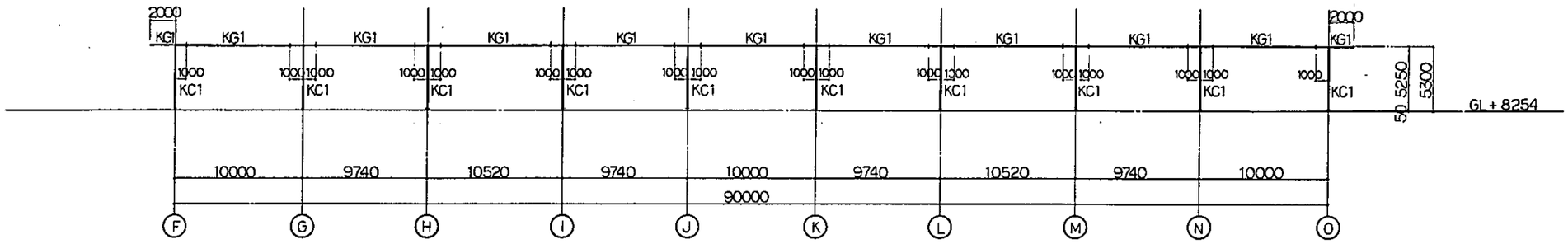
PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE 1:200

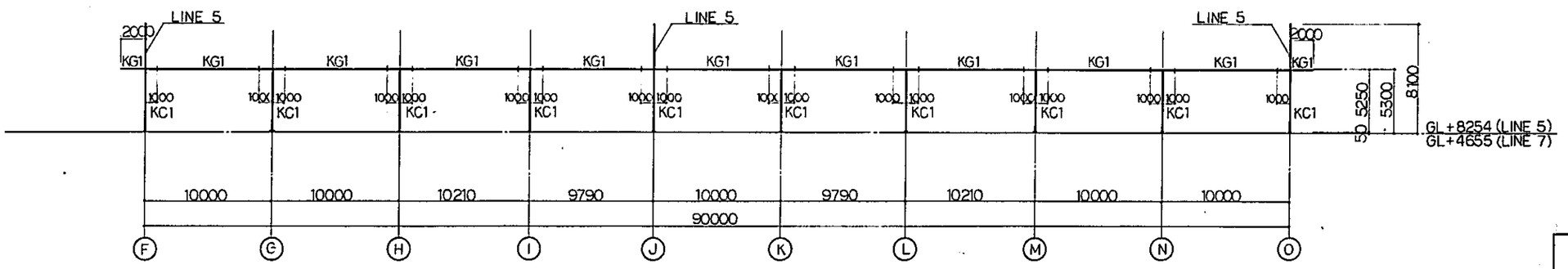
DRAWING NO: AS - 0.14



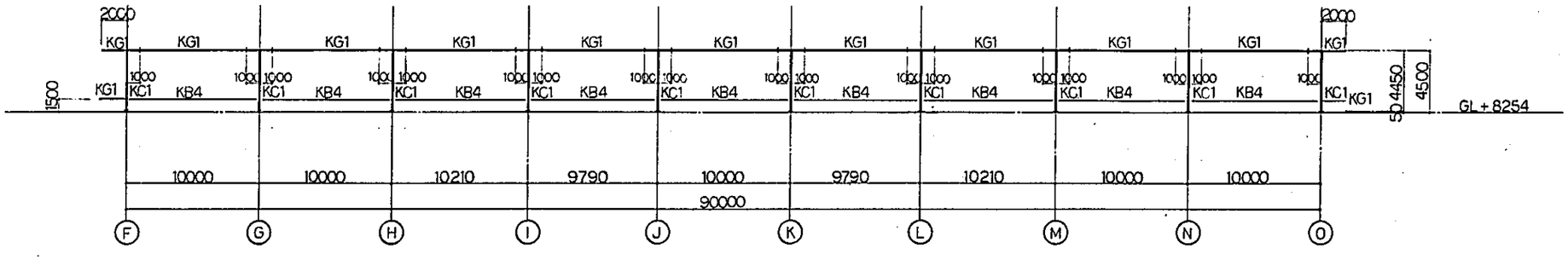
LINE ①
SCALE 1:200



LINE ②
SCALE 1:200



LINE ⑤⑦
SCALE 1:200



LINE ⑥
SCALE 1:200

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NEW RAILWAY LINE FOR CENGKARENG AIRPORT
CONSTRUCTION PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY
(JICA)

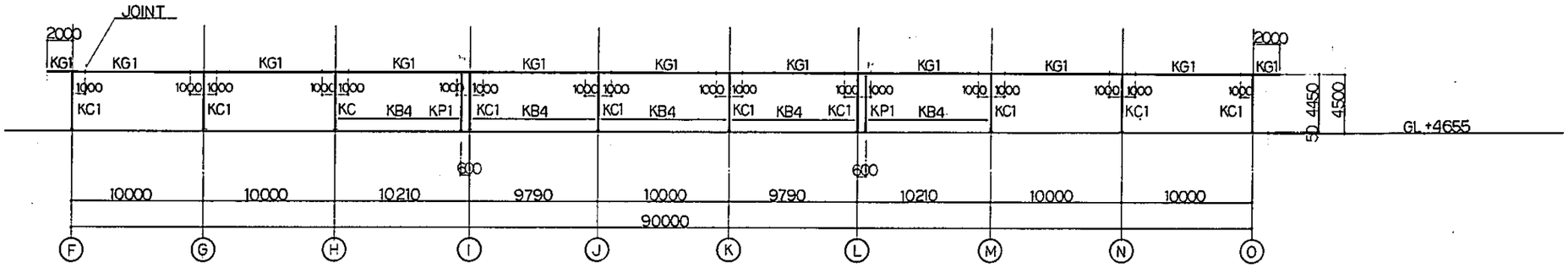
REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1 AUG. '89				K.M	
A	15 FEB. '89				K.M	

KOTA INTAN STATION
FRAMING ELEVATION
(SHEET 1 OF 2)

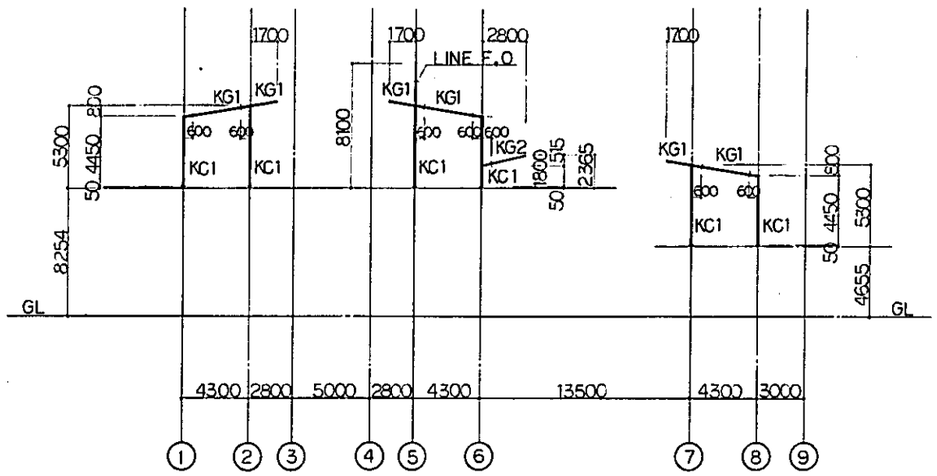
PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE: 1:200

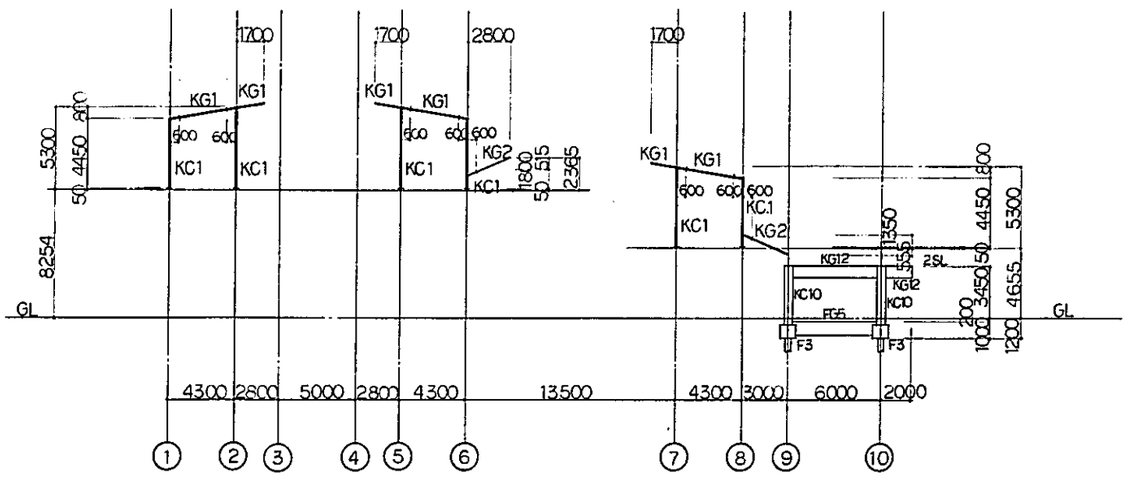
DRAWING NO: AS - 015.



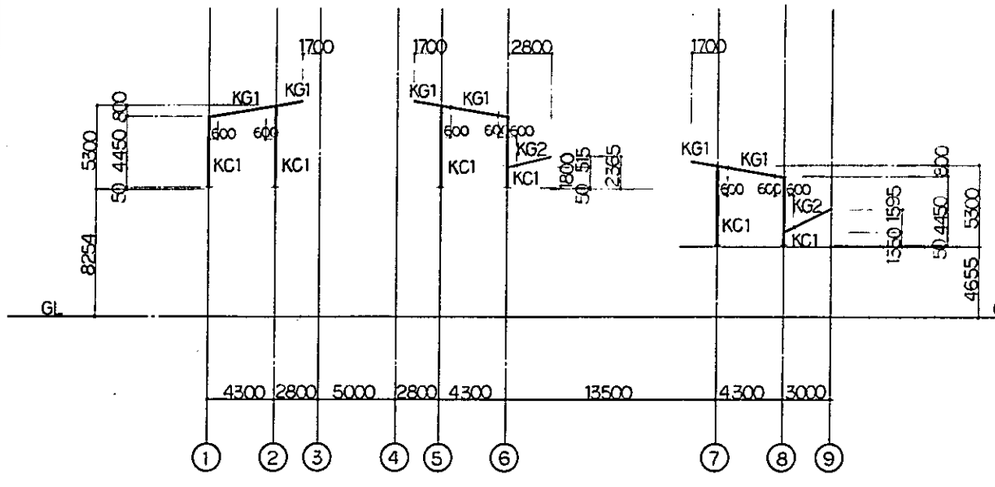
LINE (8)
SCALE 1:200



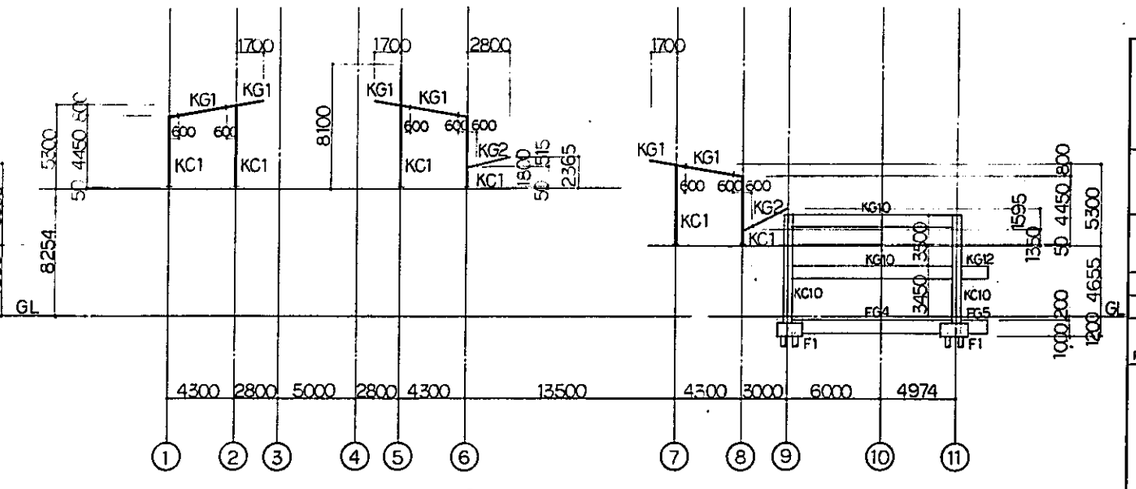
LINE (F)(G)(N)(O)
SCALE 1:200



LINE (H)(M)
SCALE 1:200



LINE (I)(K)(L)
SCALE 1:200



LINE (J)
SCALE 1:200

REPUBLIC OF INDONESIA
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NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

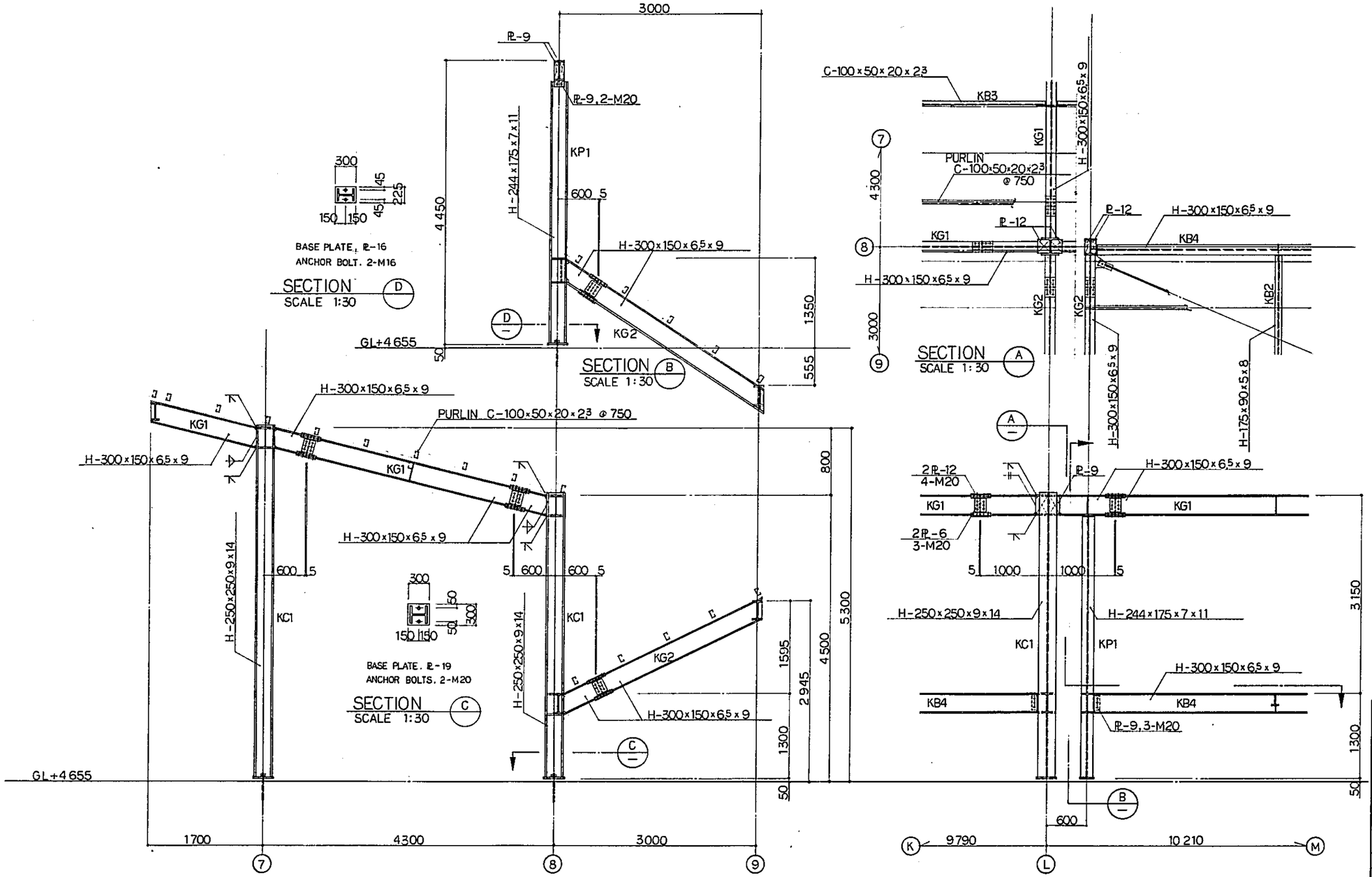
REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	14 AUG. '89				K.M	
A	16 FEB. '89				K.M	

KOTA INTAN STATION
FRAMING ELEVATION
(SHEET 2 OF 2)

PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE: 1:200

DRAWING NO: AS - 016



Ⓛ LINE FRAMING DETAIL
SCALE 1:30

Ⓚ LINE FRAMING DETAIL
SCALE 1:30

REPUBLIC OF INDONESIA
MINISTRY OF COMMUNICATIONS
DIRECTORATE GENERAL OF LAND TRANSPORT
AND INLAND WATERWAYS

NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

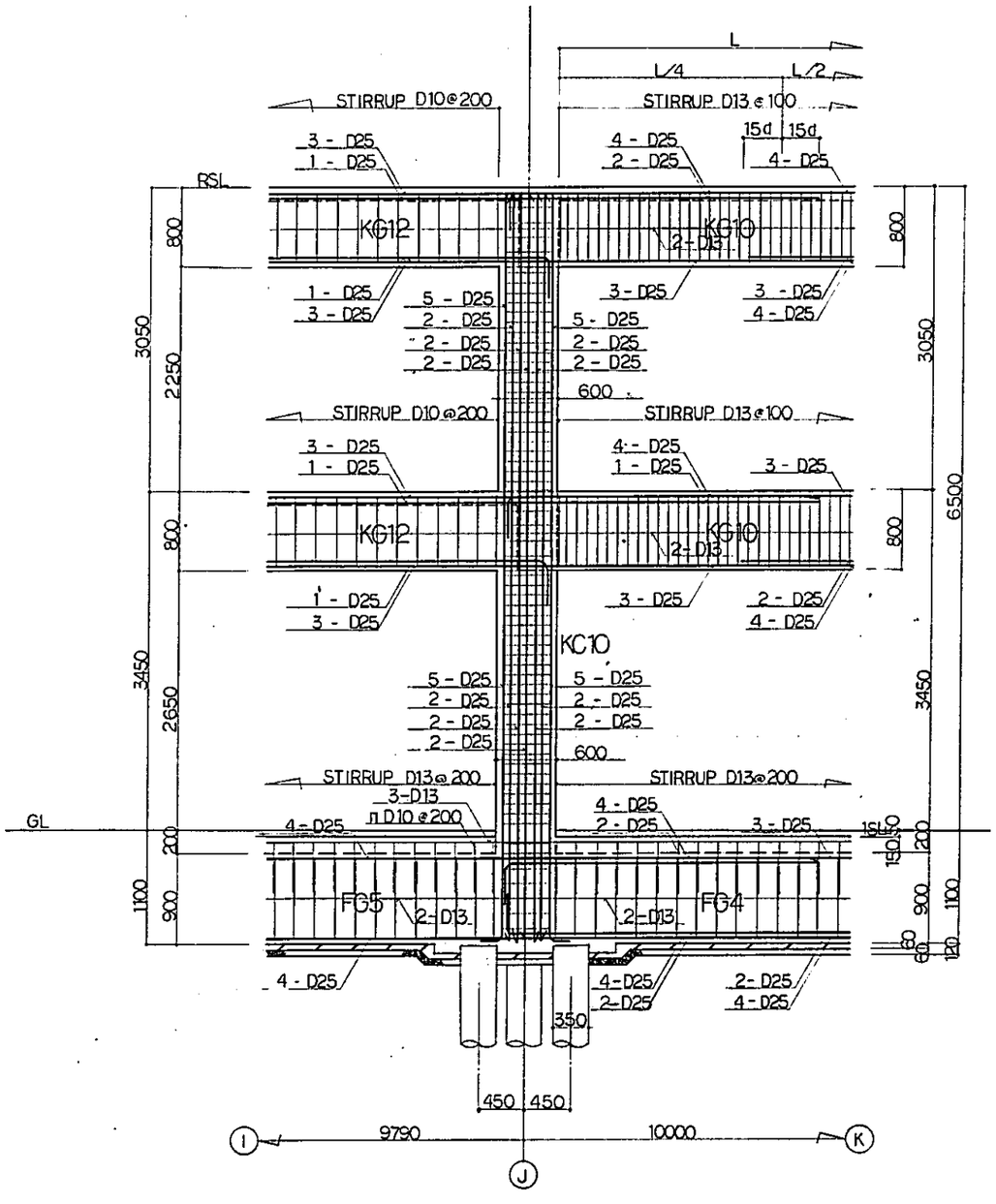
REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1 AUG. 89				K.M	
A	15 FEB. 89				K.M	

KOTA INTAN STATION
FRAMING DETAIL
(SHEET 1 OF 2)

PACKAGE: I CIVIL AND ARCHITECTURAL WORK

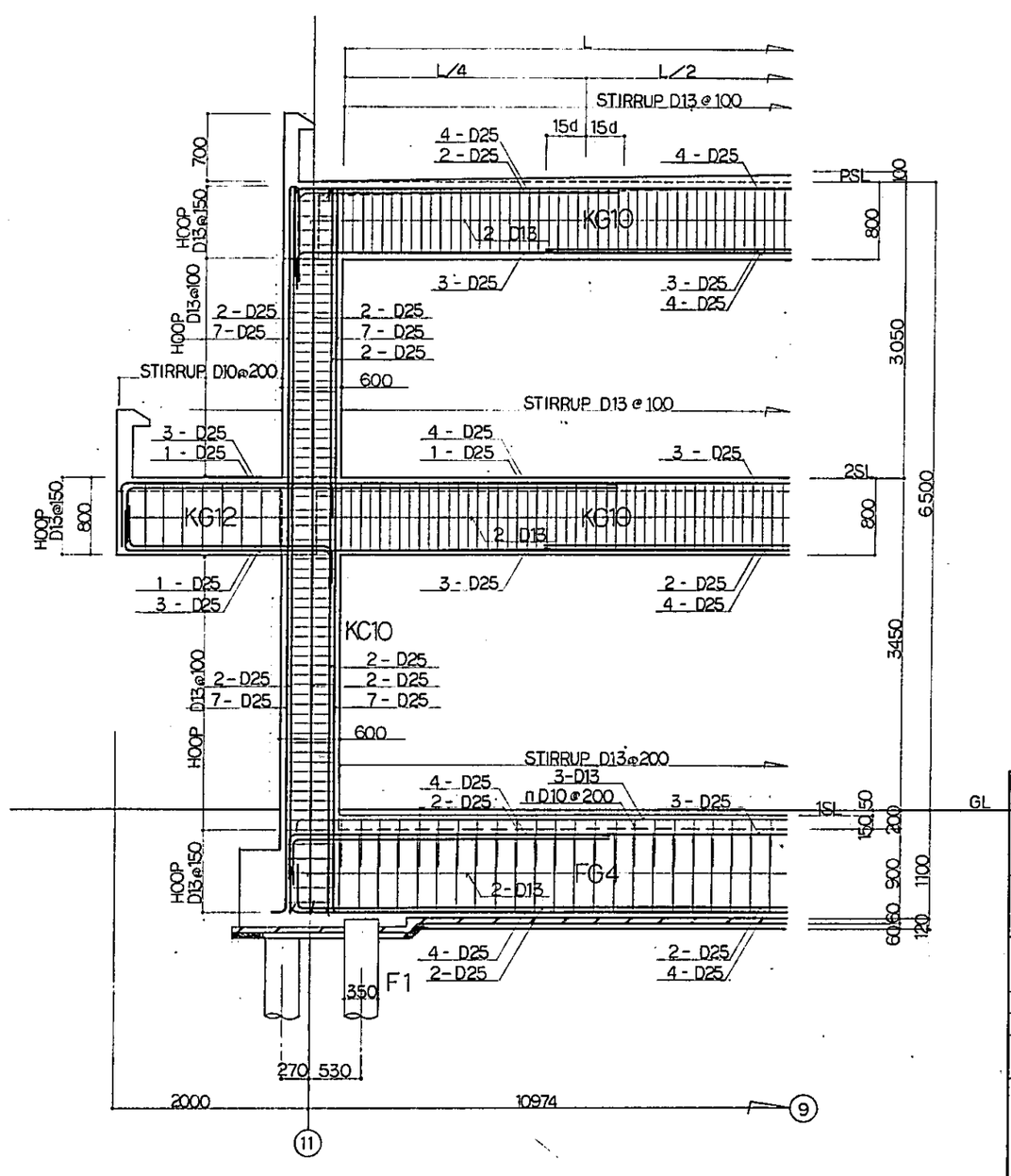
SCALE 1:30

DRAWING NO: AS - 017



⑪ LINE FRAMING DETAIL
SCALE 1:30

UNLESS OTHERWISE NOTED
WEB BAR : 2-D10



⑪ LINE FRAMING DETAIL
SCALE 1:30

REPUBLIC OF INDONESIA
MINISTRY OF COMMUNICATIONS
DIRECTORATE GENERAL OF LAND TRANSPORT AND INLAND WATERWAYS

NEW RAILWAY LINE FOR CENGKARENG AIRPORT CONSTRUCTION PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1AUG.89				K.M	
A	6FEB.'89				K.M	

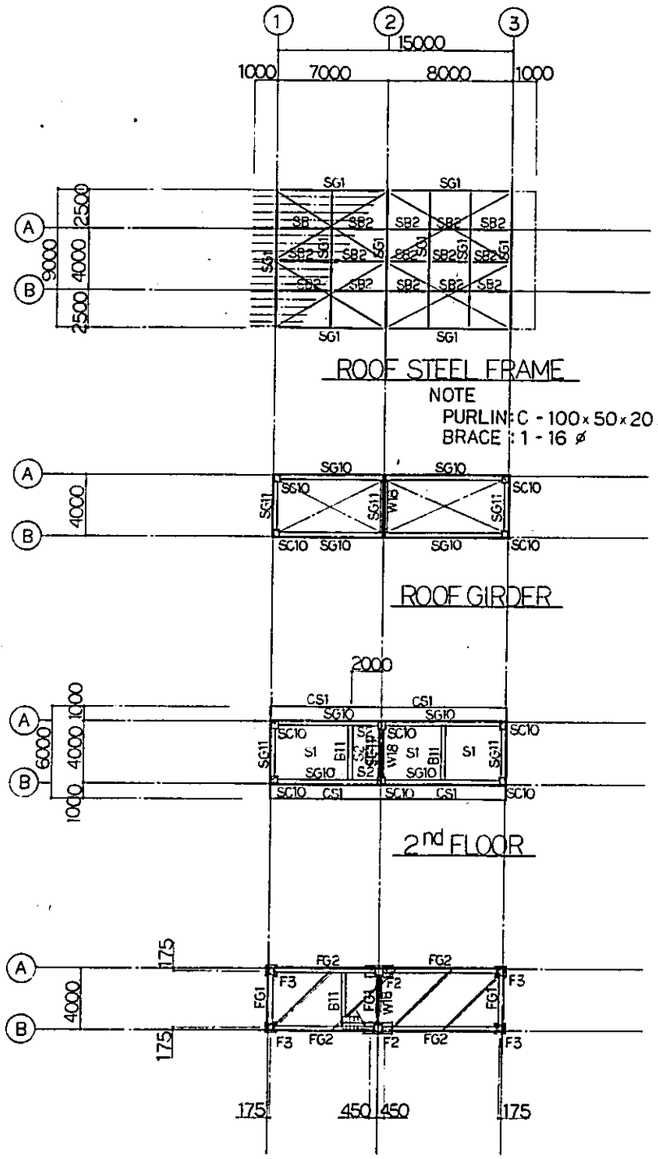
KOTA INTAN STATION
FRAMING DETAIL
(SHEET 2 OF 2)

PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE 1:30

DRAWING NO: AS - 018

SIGNAL CABIN Ⓐ



ROOF STEEL FRAME

NOTE
PURLIN : C - 100×50×20×2.3 @600
BRACE : 1 - 16 ø

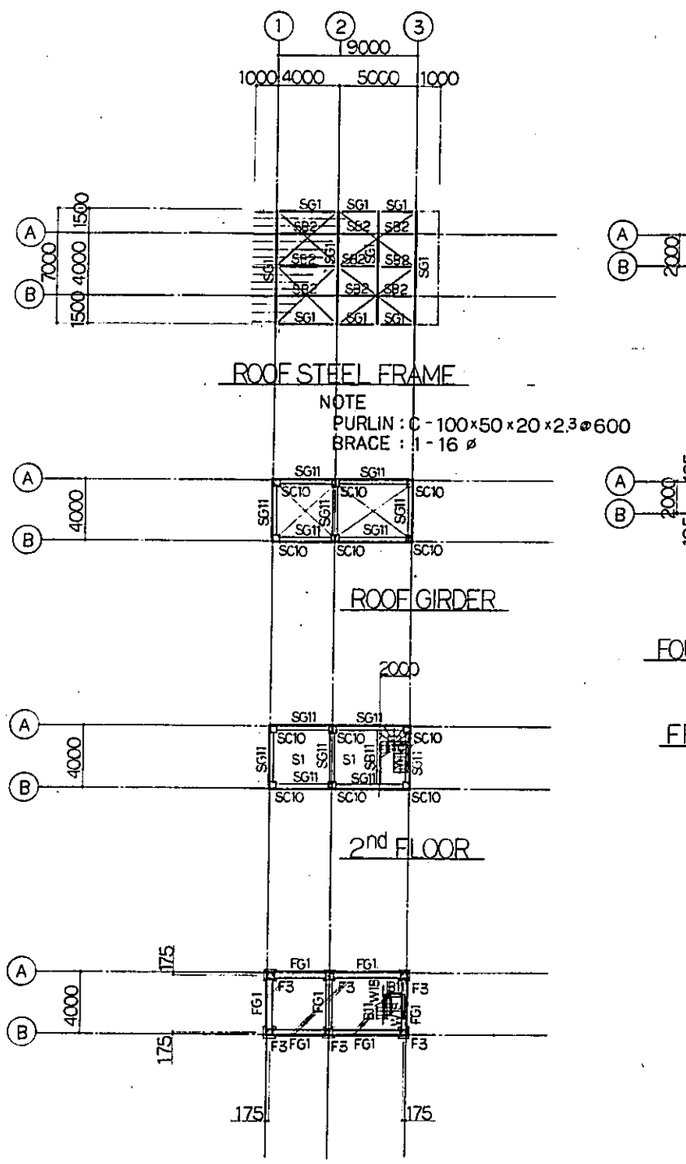
ROOF GIRDER

2nd FLOOR

FOUNDATION PLAN
NOTE: ▨ SHOWS SLAB ON GRADE

FRAMING PLAN
SCALE 1:200

SIGNAL CABIN Ⓑ



ROOF STEEL FRAME

NOTE
PURLIN : C - 100×50×20×2.3 @600
BRACE : 1 - 16 ø

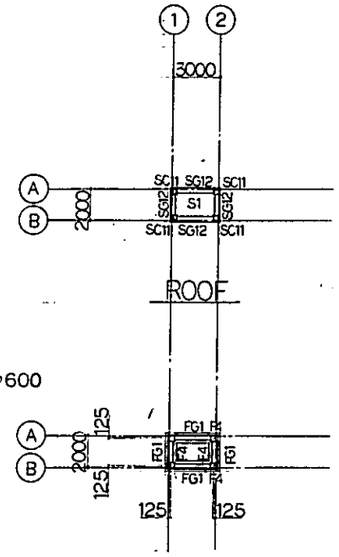
ROOF GIRDER

2nd FLOOR

FOUNDATION PLAN
NOTE: ▨ SHOWS SLAB ON GRADE

FRAMING PLAN
SCALE 1:200

WATCHMAN BOX



FOUNDATION PLAN
NOTE: ▨ SHOWS SLAB ON GRADE

FRAMING PLAN
SCALE 1:200

REPUBLIC OF INDONESIA
MINISTRY OF COMMUNICATIONS
DIRECTORATE GENERAL OF LAND TRANSPORT
AND INLAND WATERWAYS

NEW RAILWAY LINE FOR CENGKARENG AIRPORT
CONSTRUCTION PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY
(JICA)

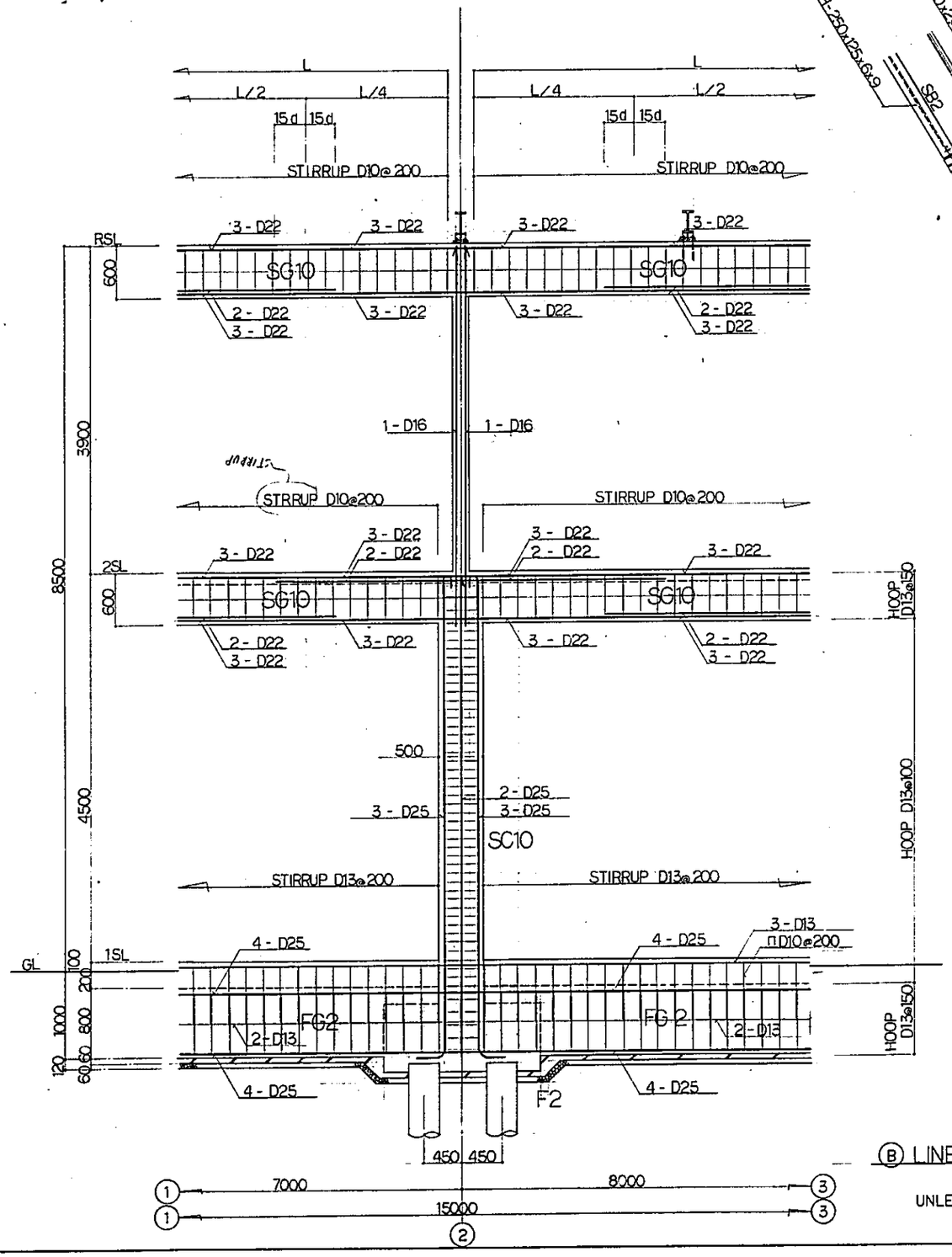
REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	14 AUG. '89				K.M	
A	15 FEB. '89				K.M	

SIGNAL CABIN A, B AND
CROSSING WATCHMAN'S BOX
FRAMING PLAN

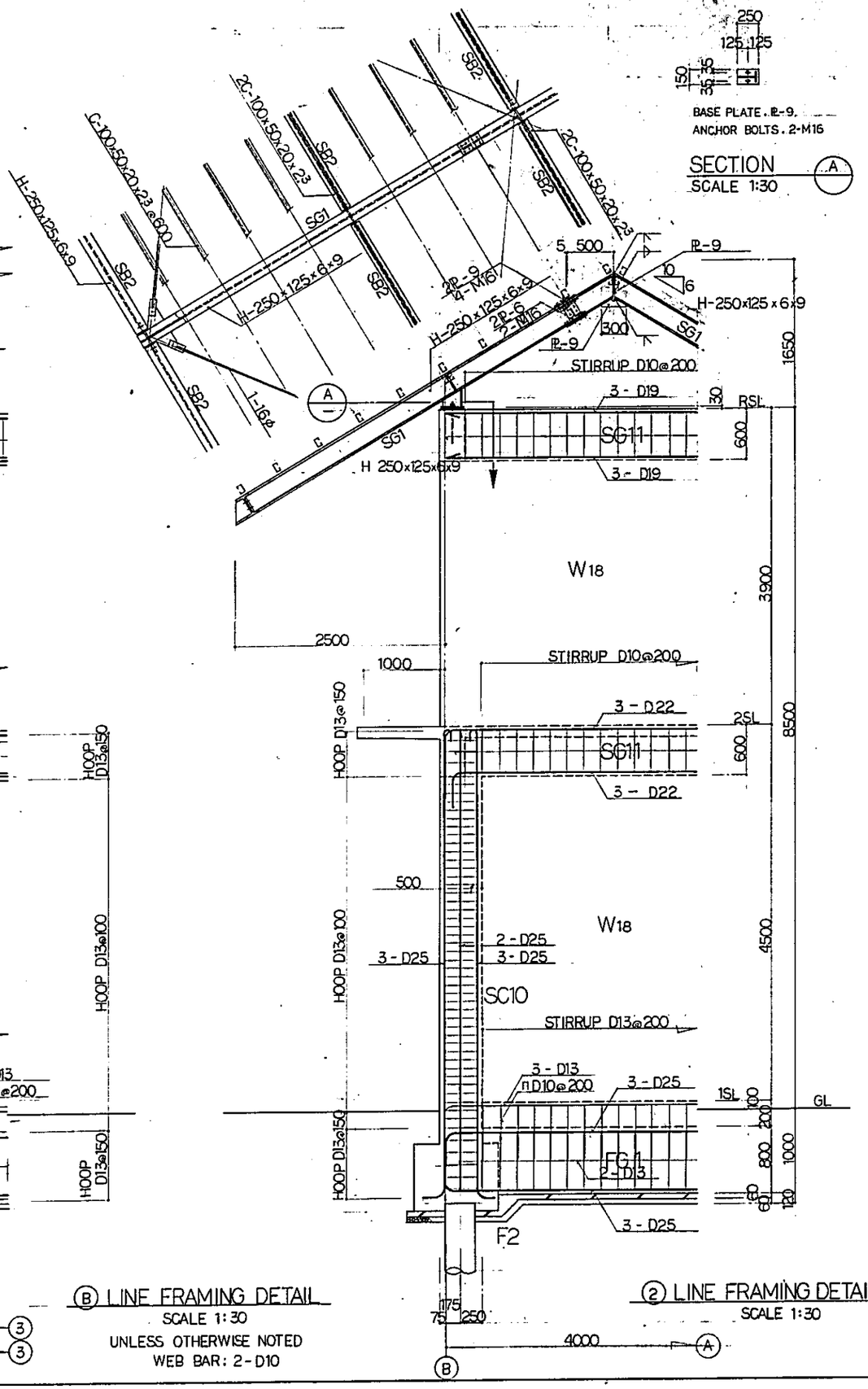
PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE 1:200

DRAWING NO: AS - 019



B LINE FRAMING DETAIL
SCALE 1:30
UNLESS OTHERWISE NOTED
WEB BAR: 2-D10



BASE PLATE . PL-9.
ANCHOR BOLTS . 2-M16

SECTION A
SCALE 1:30

② LINE FRAMING DETAIL
SCALE 1:30

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JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

REVISIONS	DATE	DESIGNED	DRAWN	CHECKED	REVIEWED	SUBMITTED
B	1 AUG. '84				K.M	
A	14 FEB. '84				K.M	

SIGNAL CABIN A

FRAMING DETAIL

PACKAGE: I CIVIL AND ARCHITECTURAL WORK

SCALE 1:30

DRAWING NO. AS - 020