

Viaduct

SANTA FE DE BOGOTA
THE REPUBLIC OF COLOMBIA

JAPAN INTERNATIONAL
COOPERATION AGENCY
(JICA)

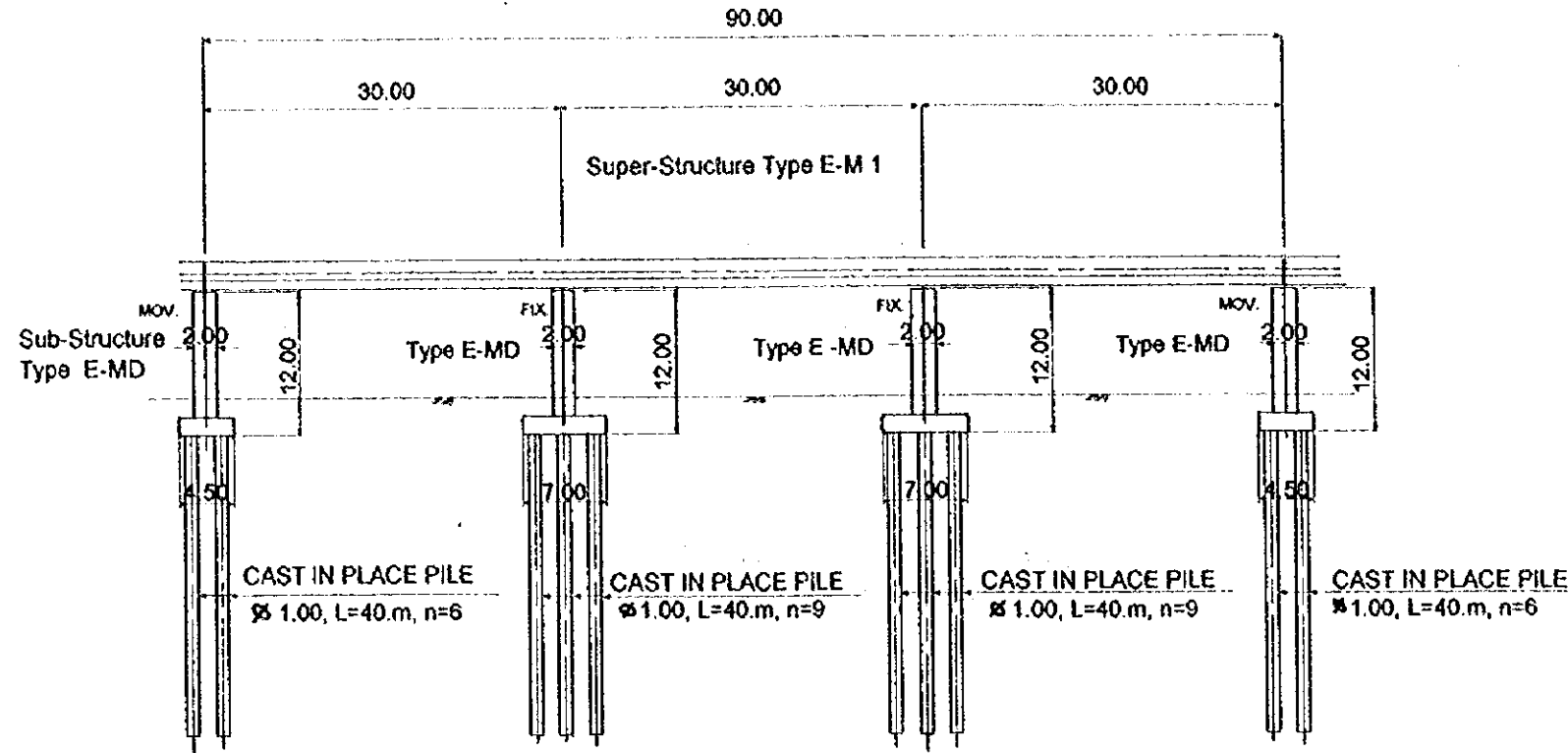
THE FEASIBILITY STUDY ON THE PROJECT OF HIWAY AND BUS-LANE
OF SANTA FE DE BOGOTA IN THE REPUBLIC OF COLOMBIA

DATA
SCALE

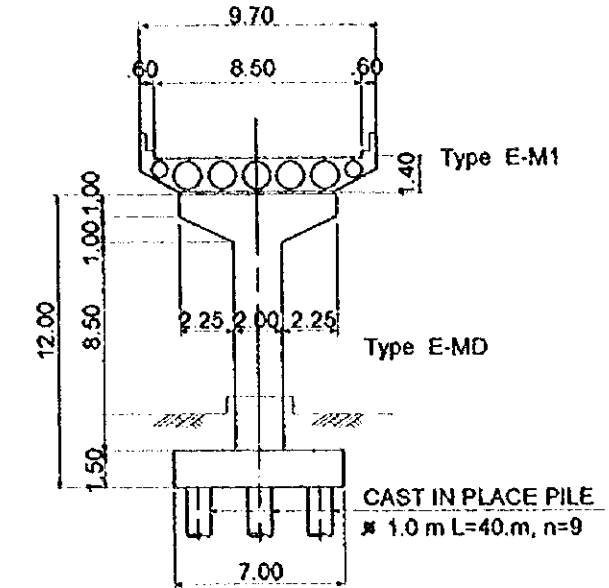
DWG No. 172
PAGE No.

Super-Structure Type E-M 1
Sub-Structure Type E-MD

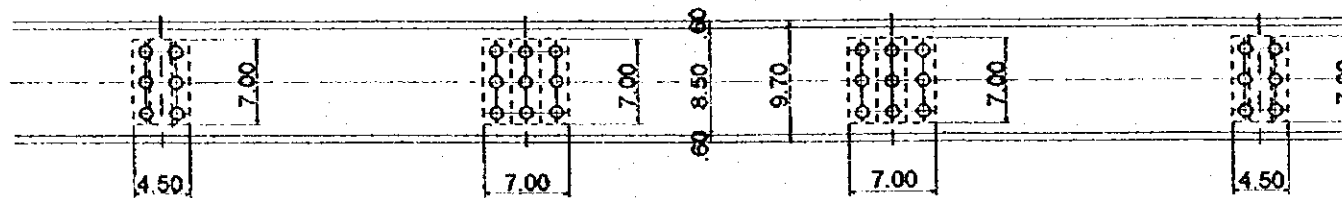
ELEVATION 1 : 600



SECTION 1 : 300



PLAN 1 : 600



DESIGN CRITERIA	
TYPE	3 SPAN P.C. HOLLOW SLAB
TOTAL BRIDGE LIGHT	90.0m
SPAN	3 x 30m
WIDTH	9.7 m
LIVE LOAD	C 40 - 95
ACCELERATION COEFFICIENT	A = 0.20 (Cs = 0.17)
STANDARD	Código Colombiano de Diseño Sísmico de Puentes.

Expressway Viaduct
General View1

SANTA FE DE BOGOTA
THE REPUBLIC OF COLOMBIA

JAPAN INTERNATIONAL
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(JICA)

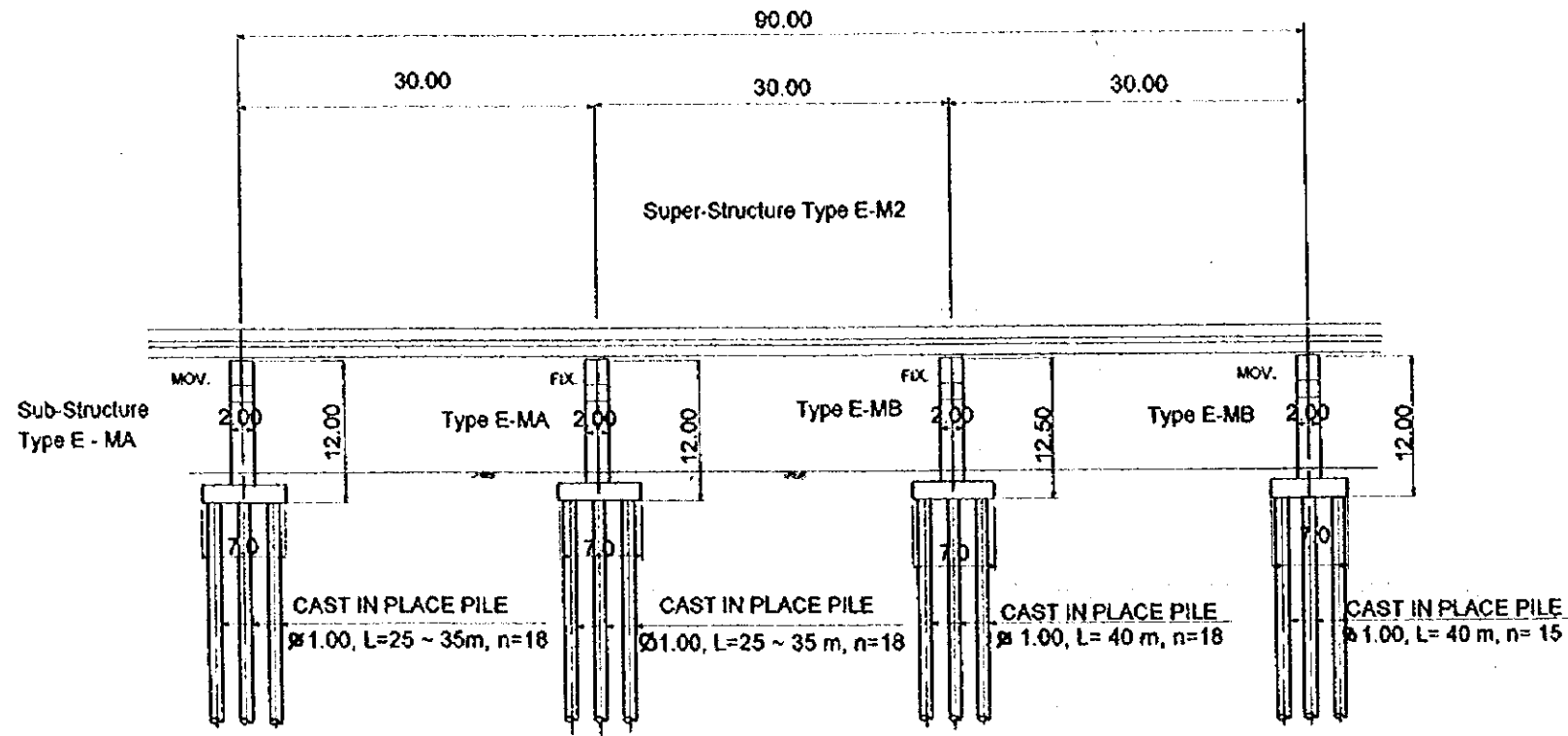
THE FEASIBILITY STUDY ON THE PROJECT OF HIGHWAY AND BUS-LANE
OF SANTA FE DE BOGOTA IN THE REPUBLIC OF COLOMBIA

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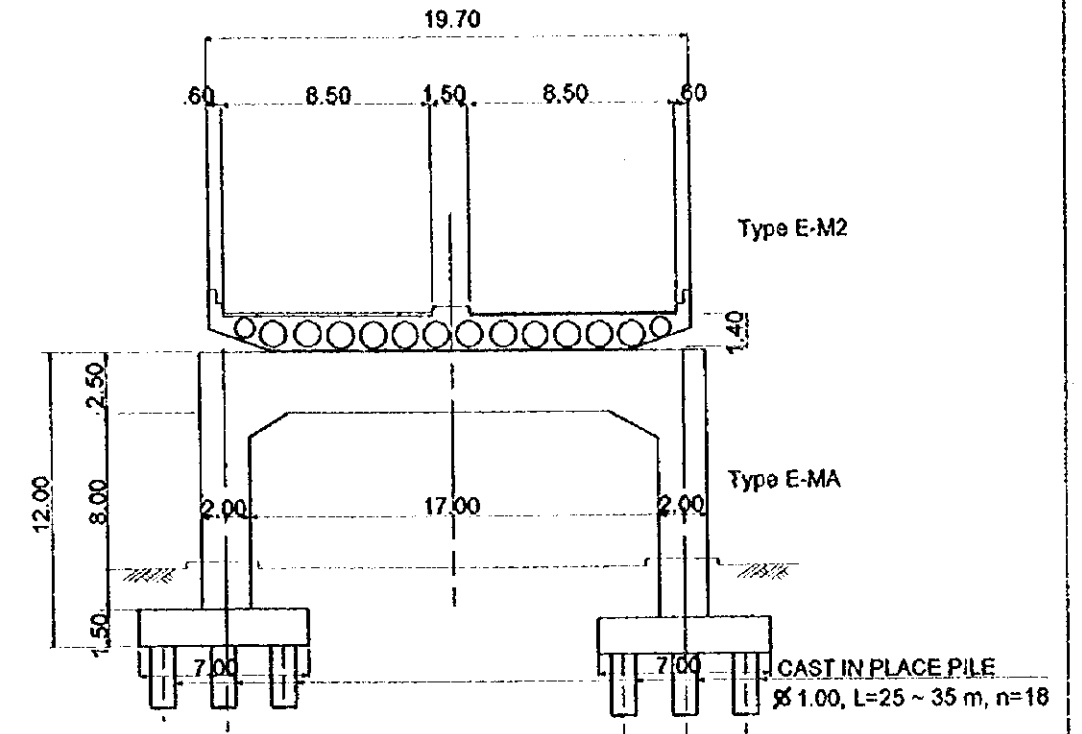
DWG No 174
PAGE No 6-2

Super-Structure Type E-M2
 Sub-Structure Type E - MA, E-MB

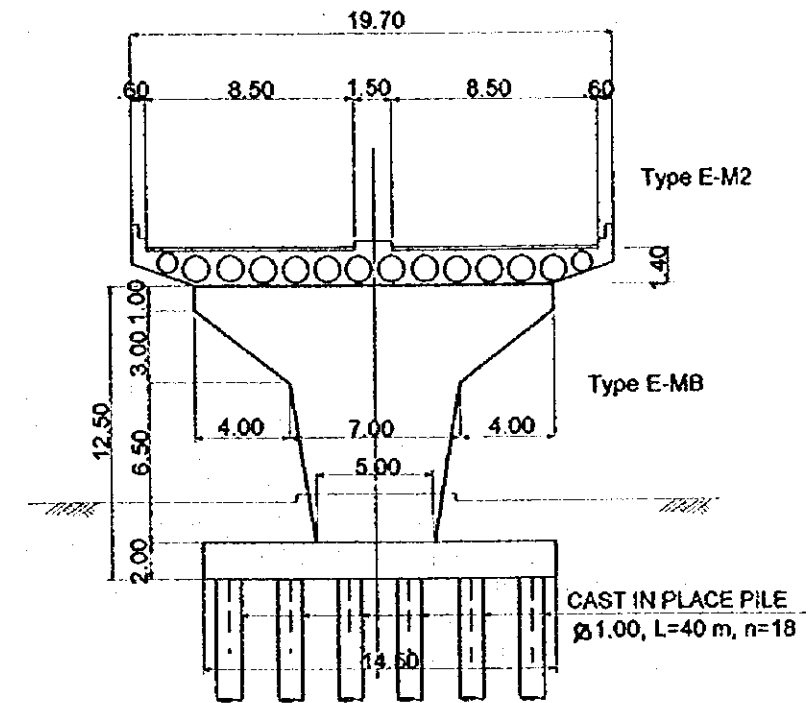
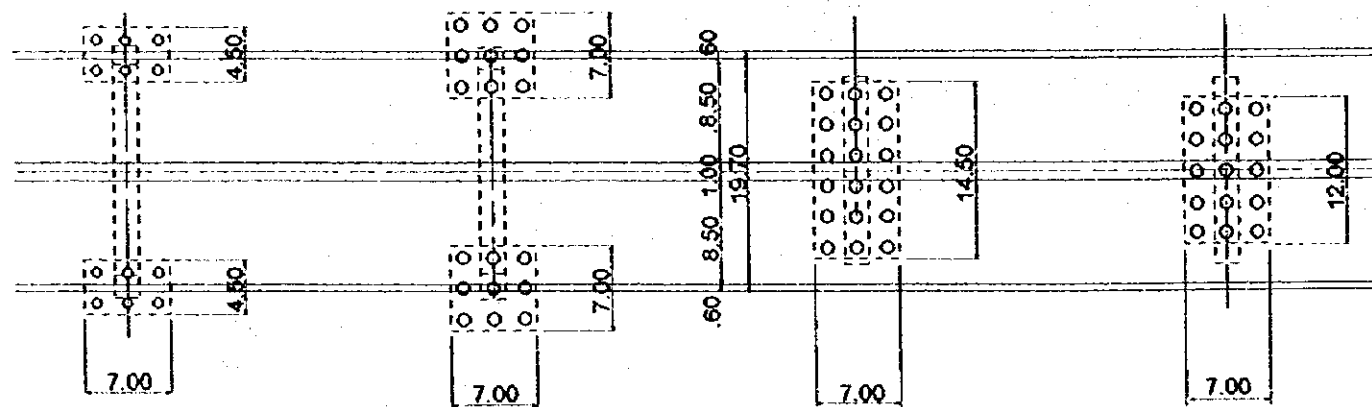
ELEVATION 1 : 600



SECTION 1 : 300



PLAN 1 : 600



Expressway Viaduct
 General View 2

SANTA FE DE BOGOTA
 THE REPUBLIC OF COLOMBIA

JAPAN INTERNATIONAL
 COOPERATION AGENCY
 (JICA)

DATA
 SCALE

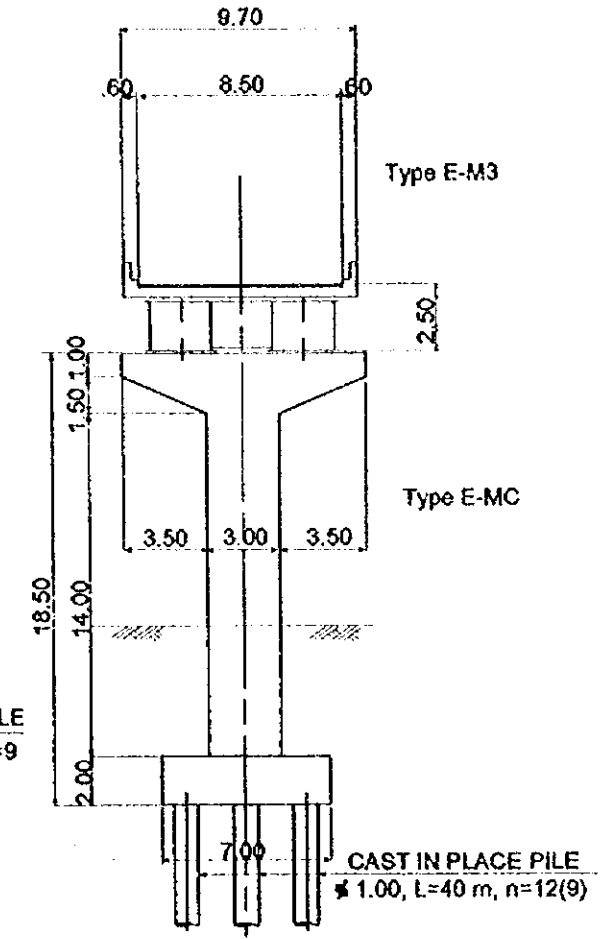
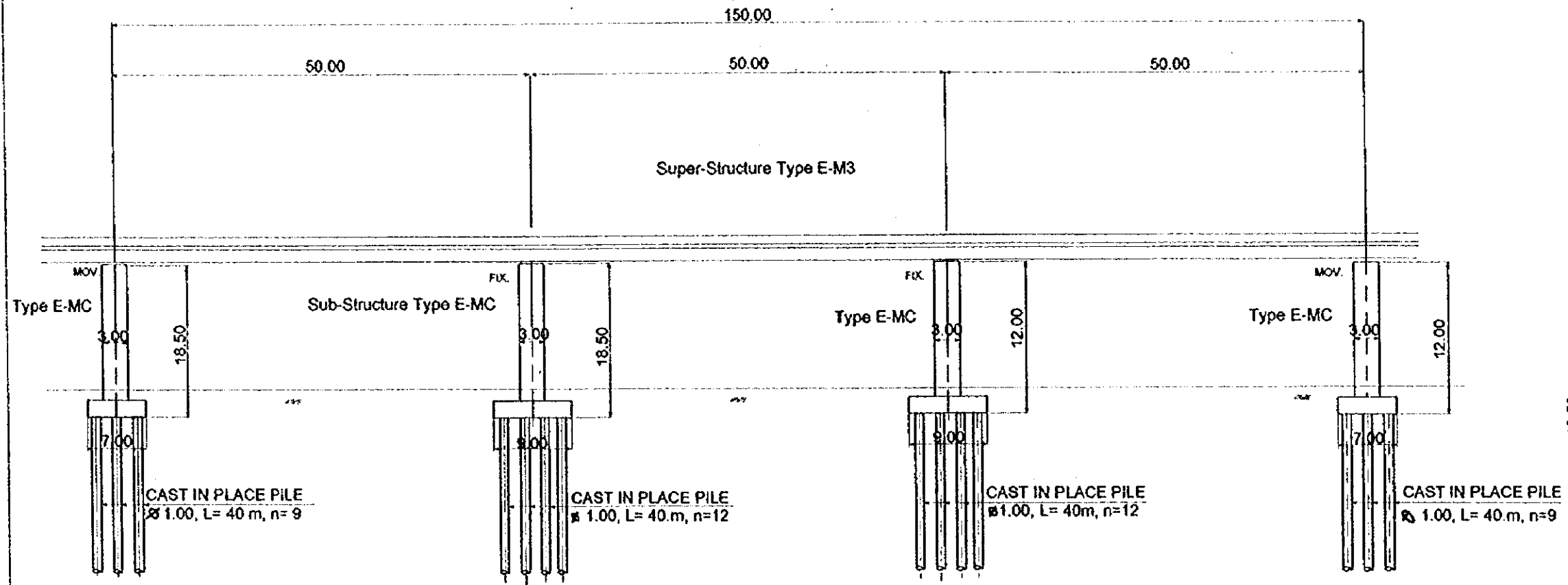
THE FEASIBILITY STUDY ON THE PROJECT OF HIGHWAY AND BUS-LANE
 OF SANTA FE DE BOGOTA IN THE REPUBLIC OF COLOMBIA

DWG No 175
 PAGE No 6-3

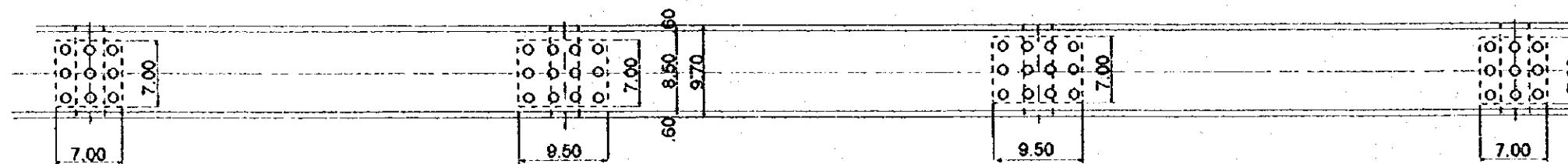
Super-Structure Type E-M3
Sub-Structure Type E-MC

ELEVATION 1 : 600

SECTION 1 : 300



PLAN 1 : 600



DESIGN CRITERIA	
TYPE	3 SPAN STEEL BOX GIRDER
TOTAL BRIDGE LIGHT	150.00 m
SPAN	3 X 50.00m
WIDTH	9.70 m
LIVE LOAD	C 40 - 95
ACCELERATION COEFFICIENT	A = 0.20 (Cs = 0.17)
STANDARD	Código Colombiano de Diseño Sísmico de Puentes

Expressway Viaduct
General View 3

SANTA FE DE BOGOTA
THE REPUBLIC OF COLOMBIA

JAPAN INTERNATIONAL
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(JICA)

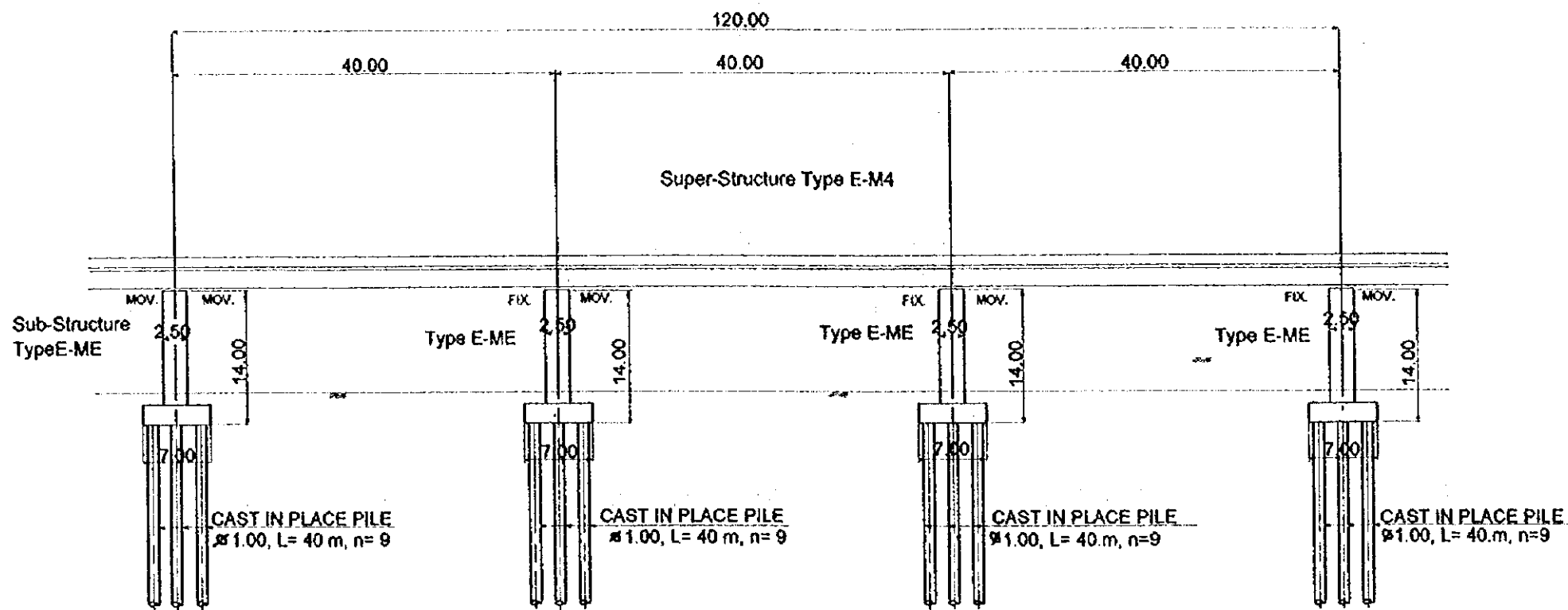
DATA
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THE FEASIBILITY STUDY ON THE PROJECT OF HIGHWAY AND BUS-LANE
OF SANTA FE DE BOGOTA IN THE REPUBLIC OF COLOMBIA

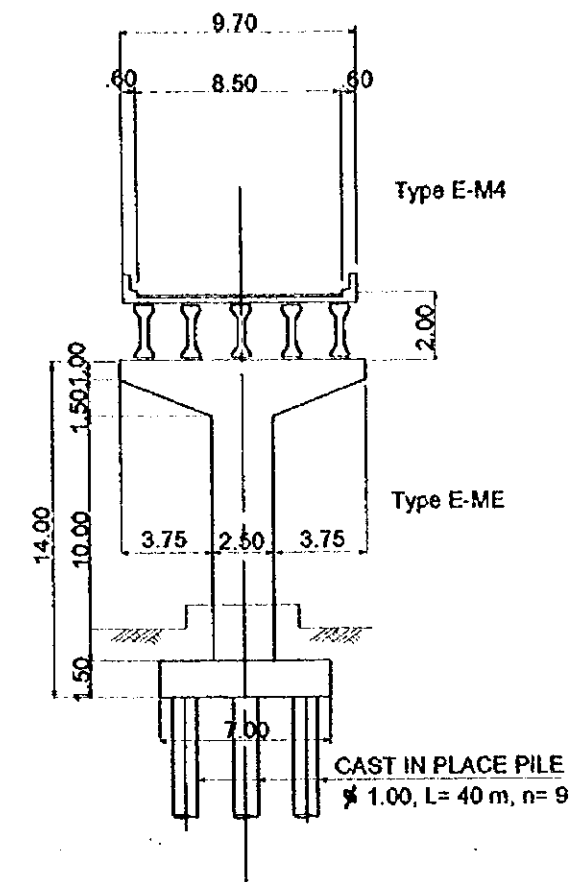
DWG No 176
PAGE No 6-4

Super-Structure Type E-M4
Sub-Structure Type E-ME

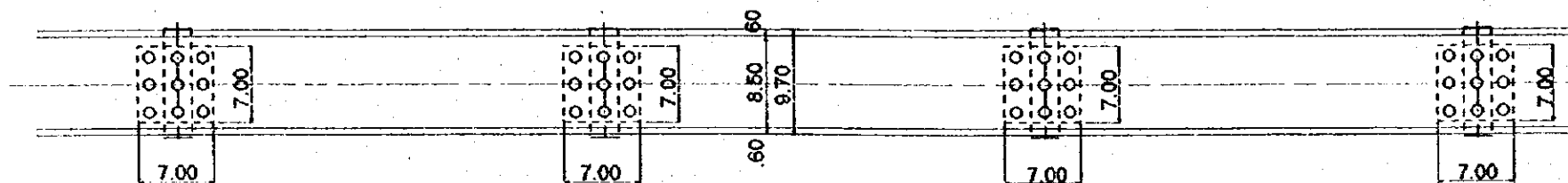
ELEVATION 1 : 600



SECTION 1 : 300



PLAN 1 : 600



DESIGN CRITERIA	
TYPE	SIMPLE COMPOSIT P.C.I GIRDER
TOTAL BRIDGE LIGHT	40.00 m
SPAN	40.00m
WIDTH	9.70 m
LIVE LOAD	C 40 - 95
ACCELERATION COEFFICIENT	A = 0.20 (Cs = 0.17)
STANDARD	Código Colombiano de Diseño Sísmico de Puentes

Expressway Viaduct
General View 4

SANTA FE DE BOGOTA
THE REPUBLIC OF COLOMBIA

JAPAN INTERNATIONAL
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(JICA)

DATA
SCALE

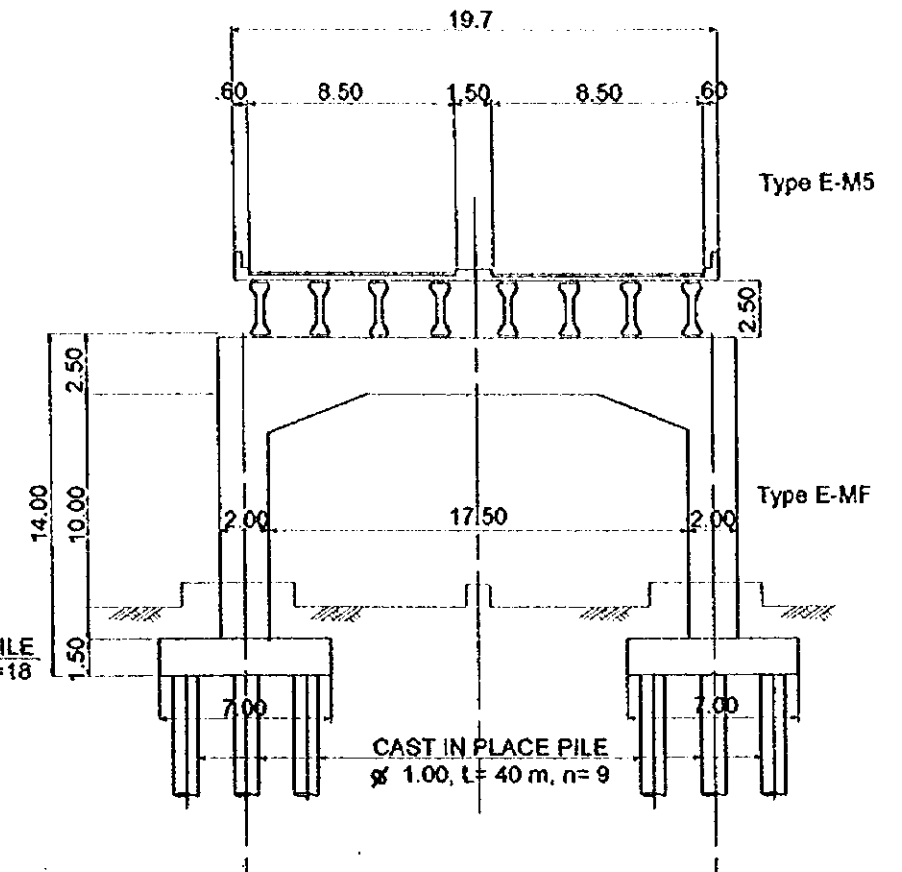
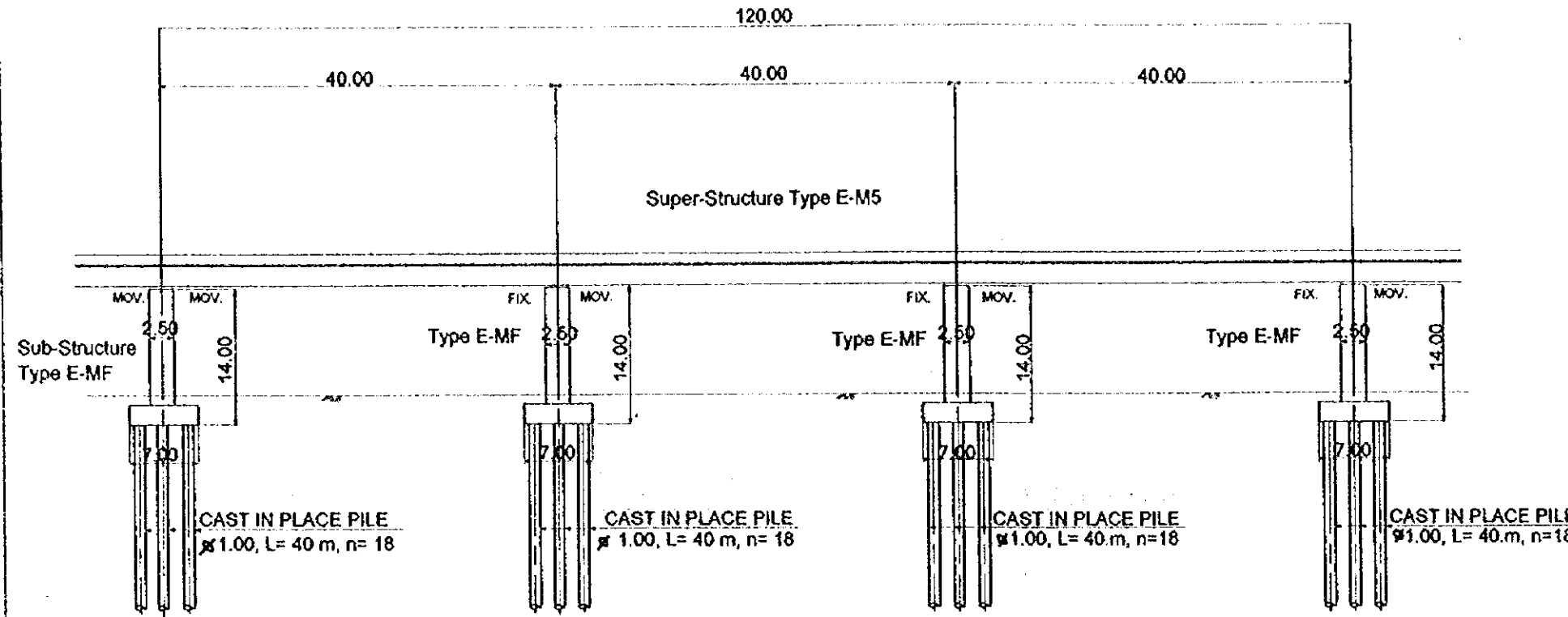
THE FEASIBILITY STUDY ON THE PROJECT OF HIGHWAY AND BUS-LANE
OF SANTA FE DE BOGOTA IN THE REPUBLIC OF COLOMBIA

DWG No 177
PAGE No 6-5

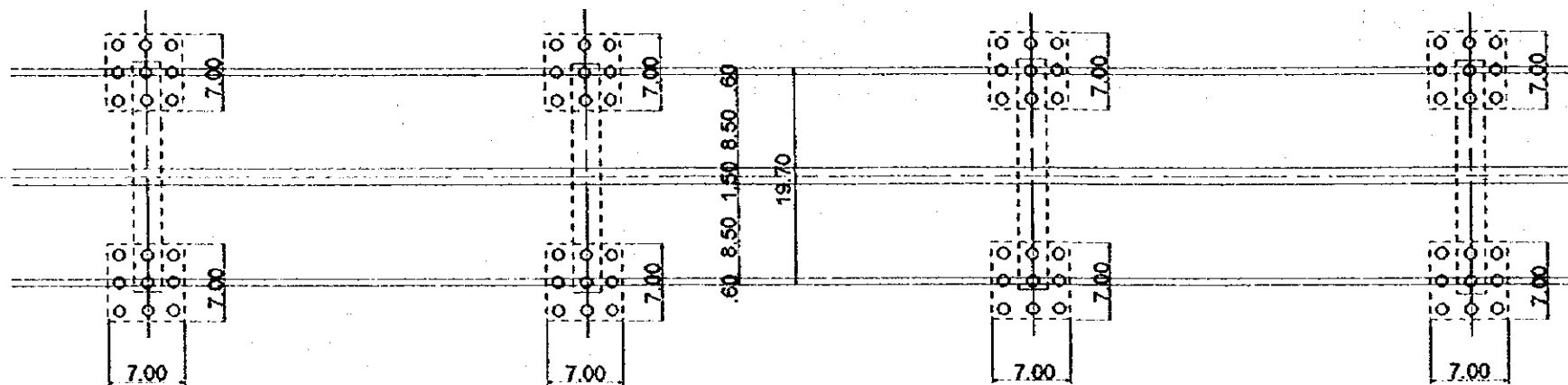
Super-Structure Type E-M5
Sub-Structure Type E-MF

ELEVATION 1 : 600

SECTION 1 : 300



PLAN 1 : 600



DESIGN CRITERIA	
TYPE	SIMPLE COMPOSIT P.C.I GIRDER
TOTAL BRIDGE LIGHT	40.00 m
SPAN	40.00m
WIDTH	19.70 m
LIVE LOAD	C 40 - 95
ACCELERATION COEFFICIENT	A = 0.20 (Ca=0.17)
STANDARD	Codigo Colombiano de Diseño Sismico de Puentes.

Expressway Viaduct
General View 5

SANTA FE DE BOGOTA
THE REPUBLIC OF COLOMBIA

JAPAN INTERNATIONAL
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(JICA)

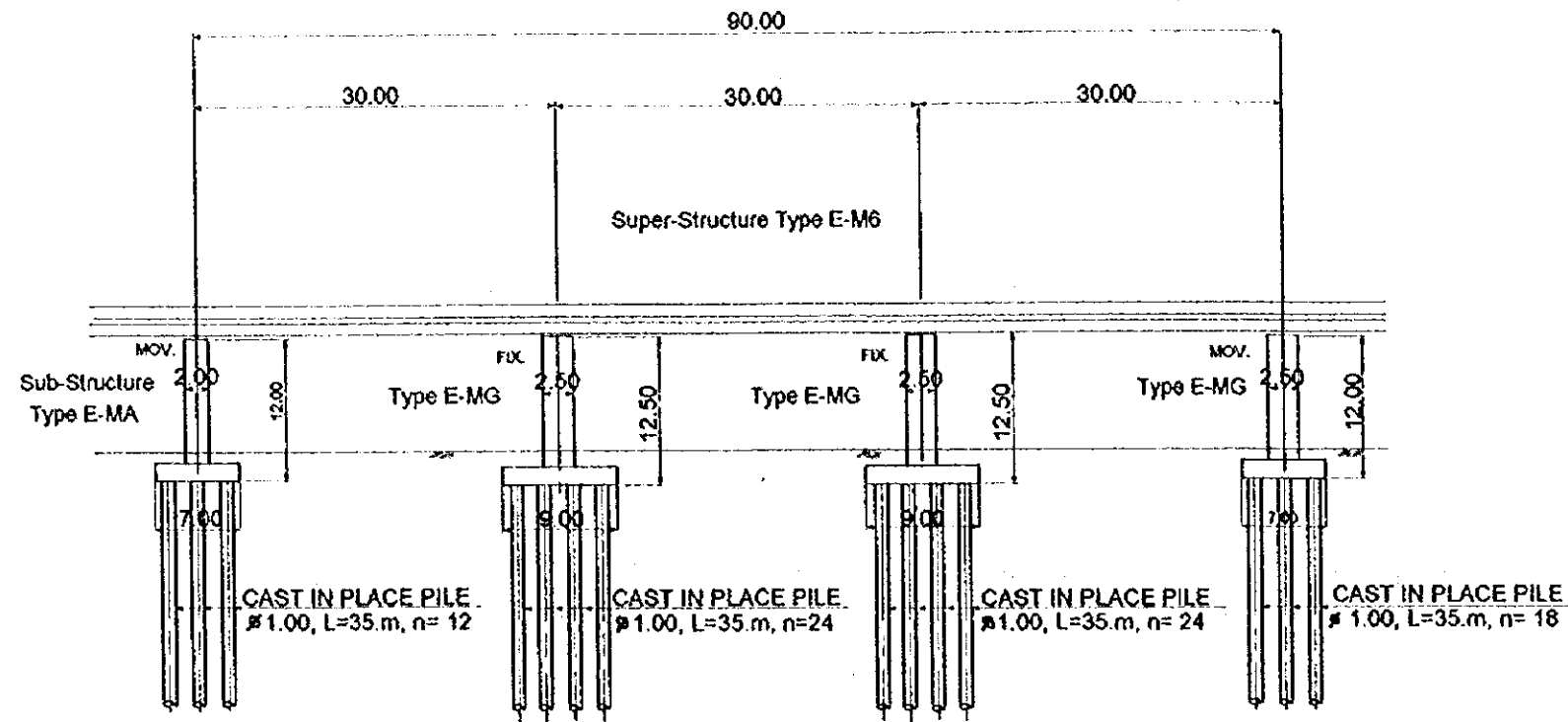
THE FEASIBILITY STUDY ON THE PROJECT OF HIGHWAY AND BUS-LANE
OF SANTA FE DE BOGOTA IN THE REPUBLIC OF COLOMBIA

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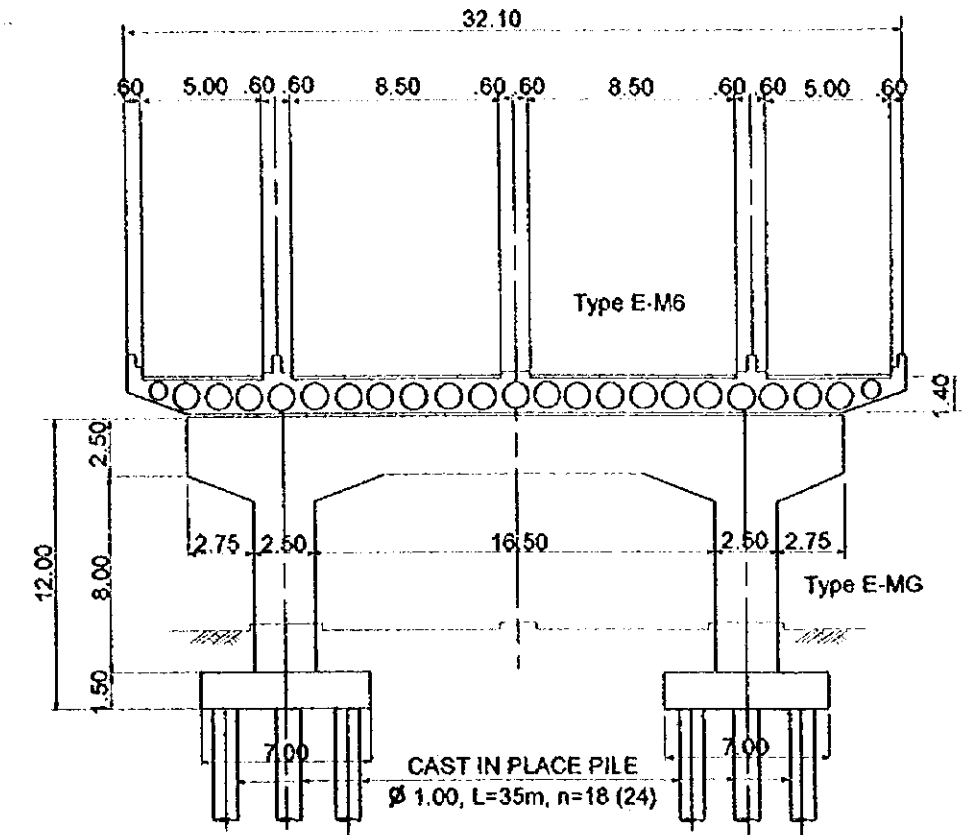
DWG No 178
PAGE No 6-6

Super-Structure Type E-M6
Sub-Structure Type E-MG

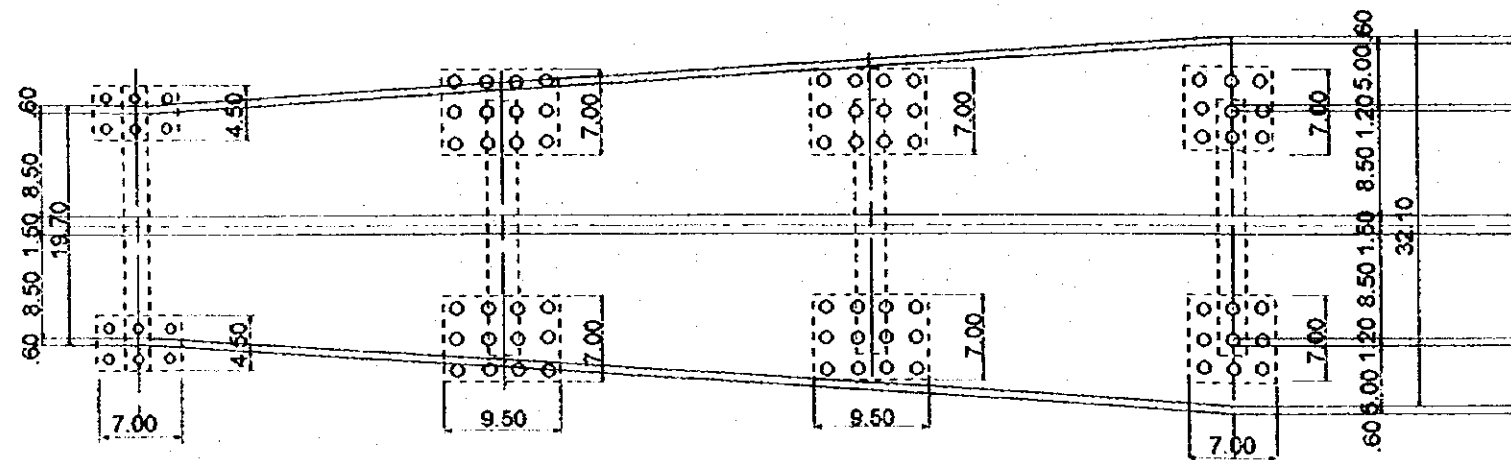
ELEVATION 1 : 600



SECTION 1 : 300



PLAN 1 : 600



DESIGN CRITERIA	
TYPE	3 SPAN P.C. HOLLOW SLAB
TOTAL BRIDGE LIGHT	90.0 m
SPAN	3 x 30m
WIDTH	19.7 m ~ 32.1 m
LIVE LOAD	C 40 - 95
ACCELERATION COEFFICIENT	A = 0.20 (Ca = 0.17)
STANDARD	Código Colombiano de Diseño Sísmico de Puentes.

Expressway Viaduct
General View 6

SANTA FE DE BOGOTA
THE REPUBLIC OF COLOMBIA

JAPAN INTERNATIONAL
COOPERATION AGENCY
(JICA)

DATA
SCALE

THE FEASIBILITY STUDY ON THE PROJECT OF HIGHWAY AND BUS-LANE
OF SANTA FE DE BOGOTA IN THE REPUBLIC OF COLOMBIA

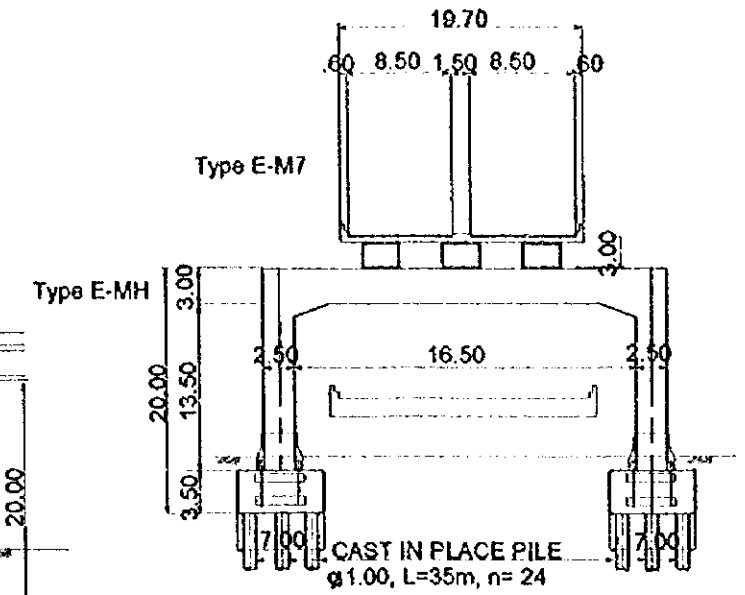
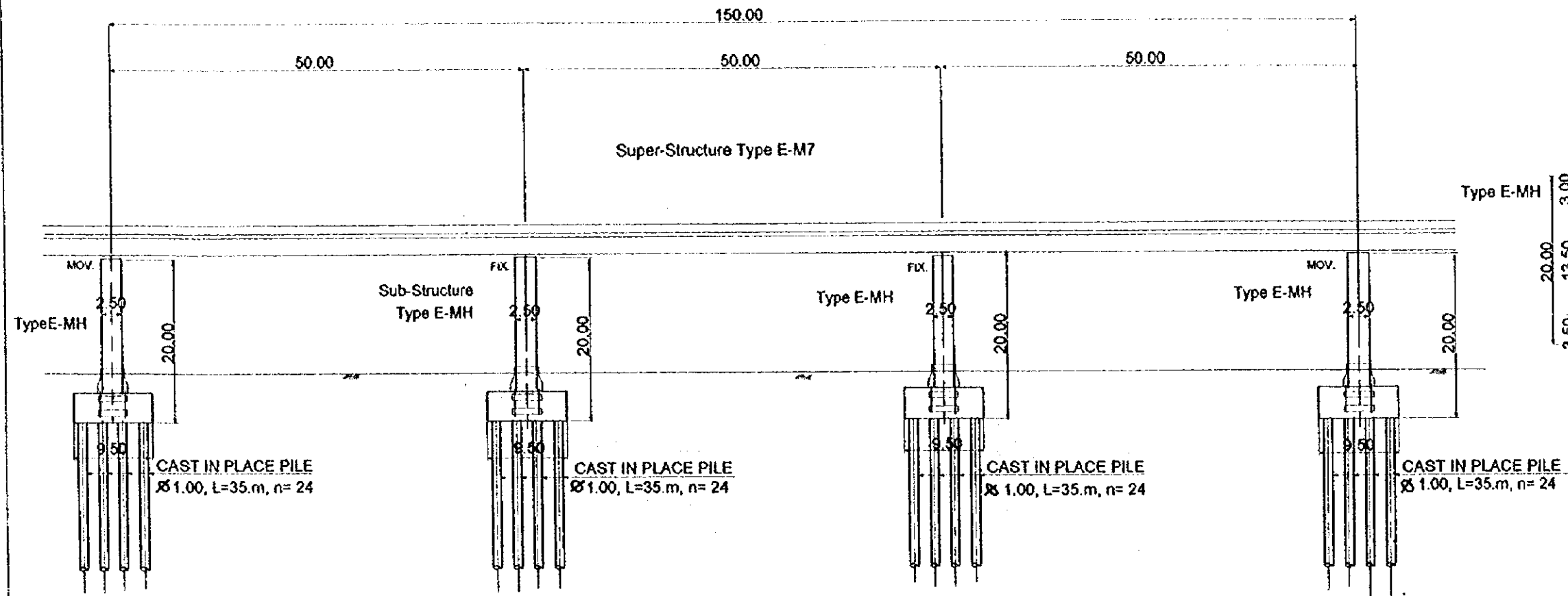
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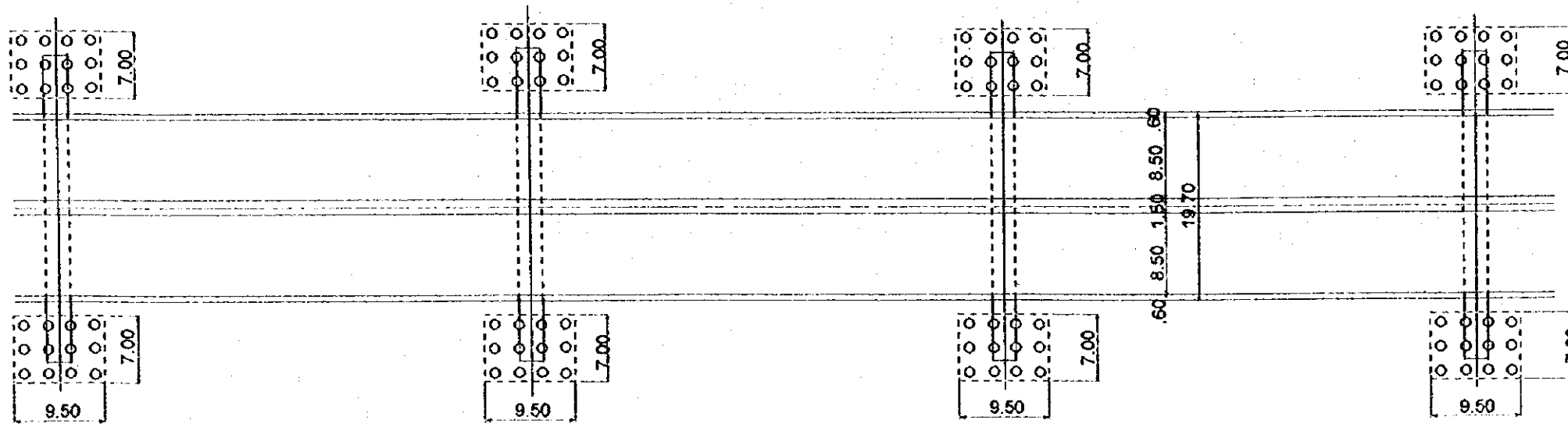
Super-Structure Type E-M7
Sub-Structure Type E-MH

ELEVATION 1 : 600

SECTION 1 : 600



PLAN 1 : 600



DESIGN CRITERIA	
TYPE	3 SPAN STEEL BOX GIRDER
TOTAL BRIDGE LIGHT	150.0 m
SPAN	3 x 50m
WIDTH	19.7 m
LIVE LOAD	C 40 - 95
ACCELERATION COEFFICIENT	A = 0.20 (Cs = 0.17)
STANDARD	Código Colombiano de Diseño Sísmico de Puentes.

Expressway Viaduct
General View 7

SANTA FE DE BOGOTA
THE REPUBLIC OF COLOMBIA

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COOPERATION AGENCY
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DATA
SCALE

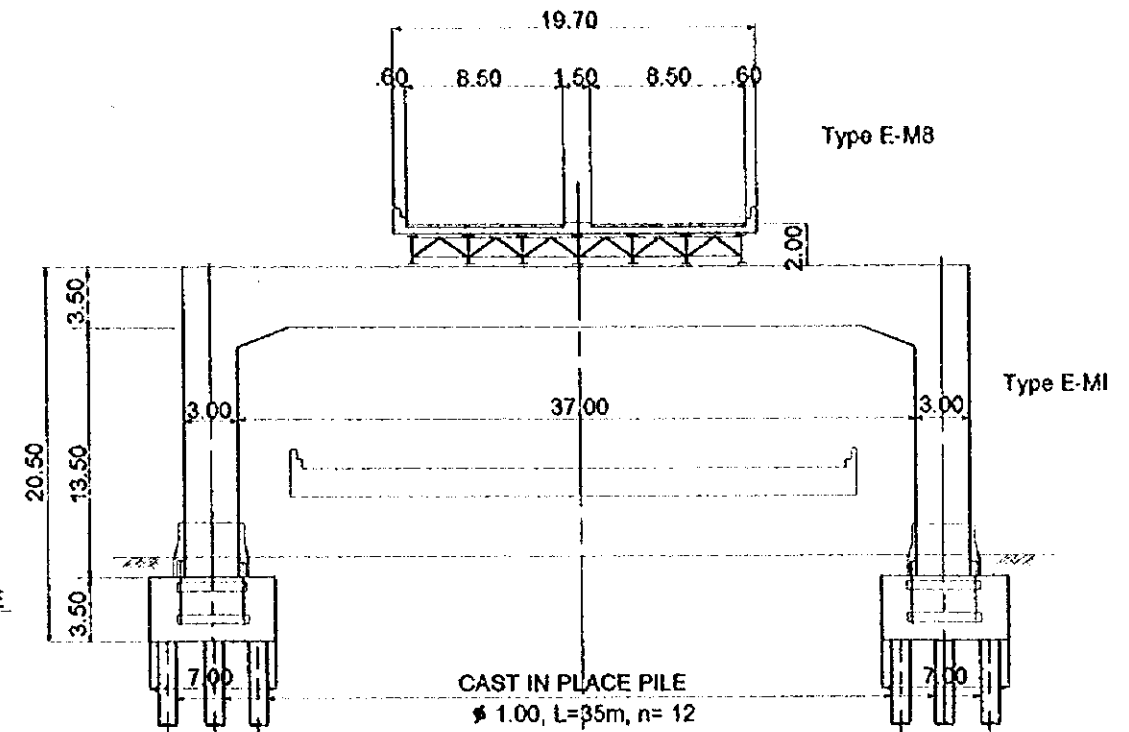
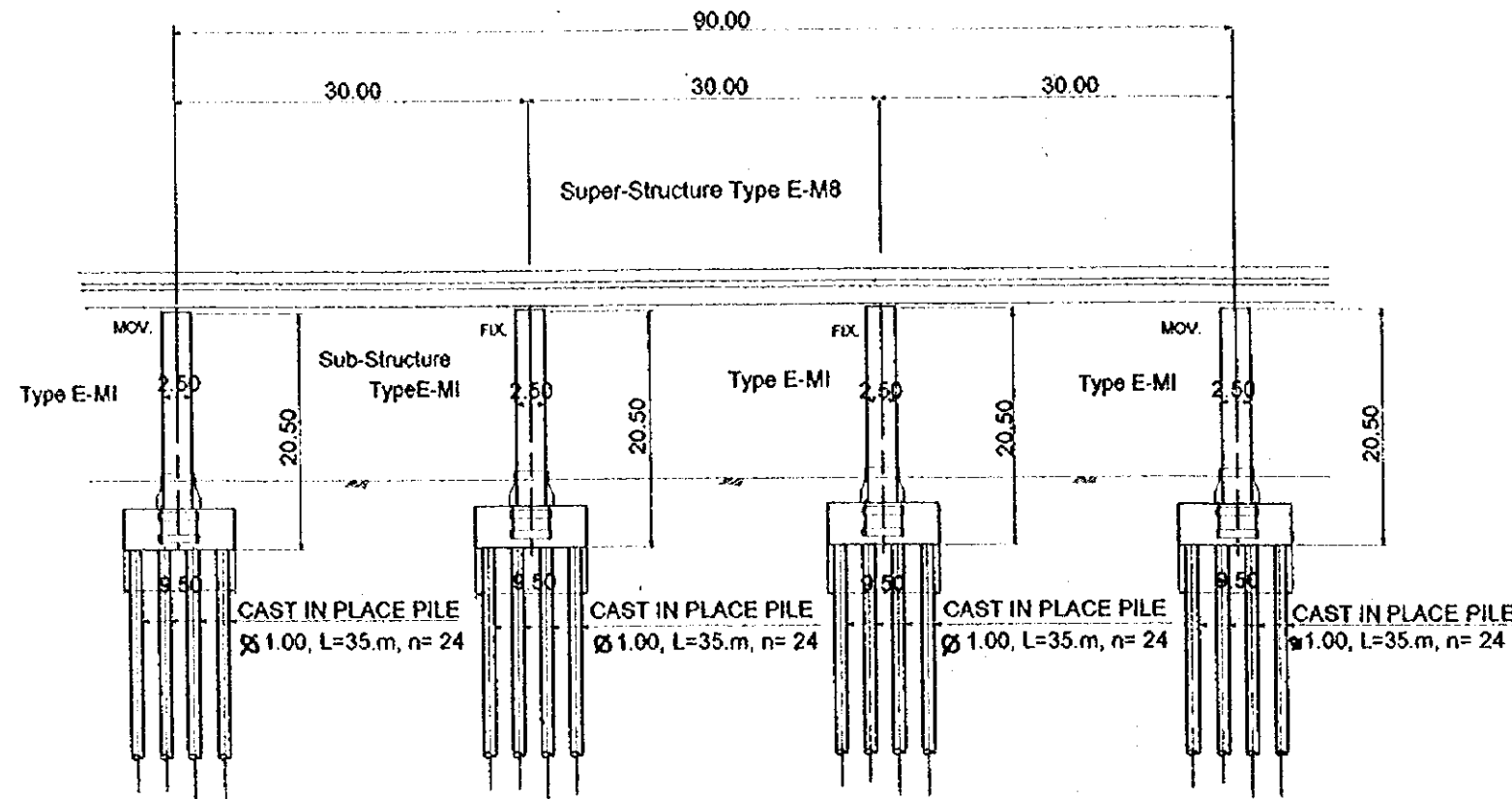
THE FEASIBILITY STUDY ON THE PROJECT OF HIGHWAY AND BUS-LANE
OF SANTA FE DE BOGOTA IN THE REPUBLIC OF COLOMBIA

DWG No 180
PAGE No 6-8

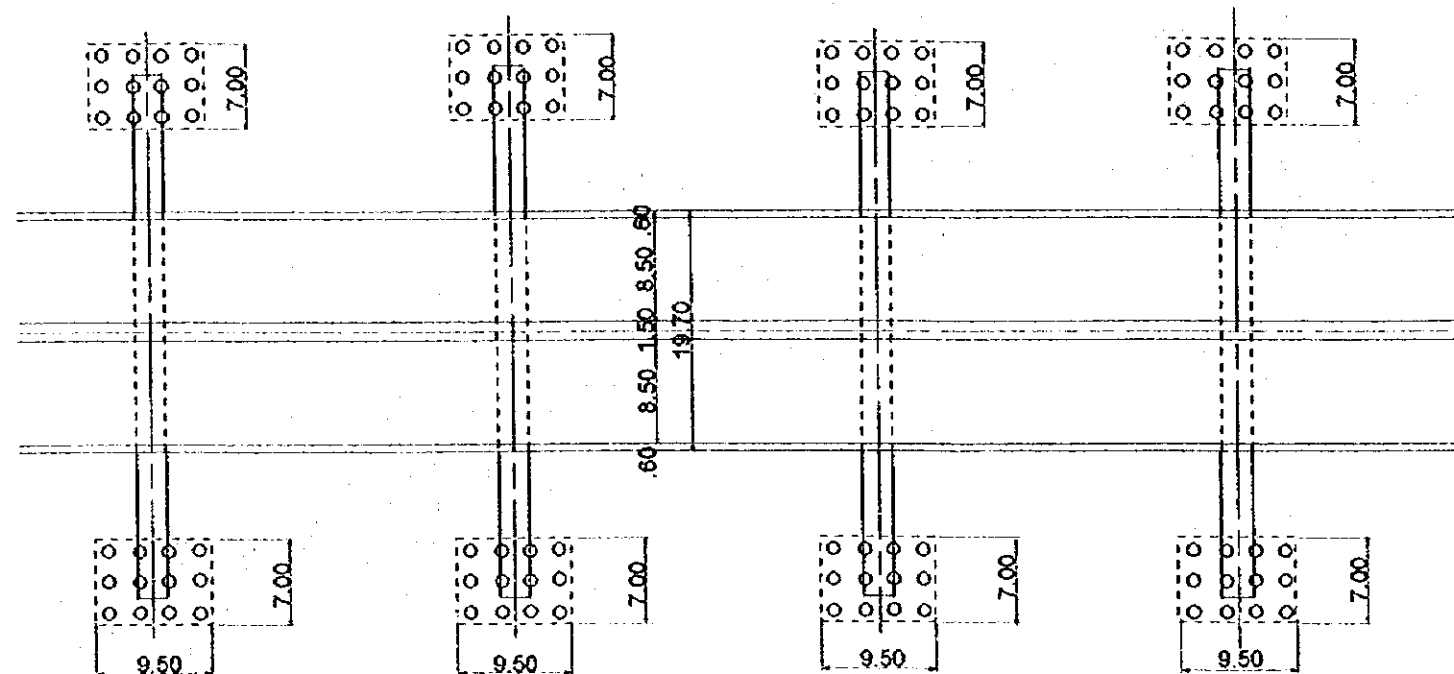
Super-Structure Type E-M8
Sub-Structure Type E-MI

ELEVATION 1 : 600

SECTION 1 : 400



PLAN 1 : 600



DESIGN CRITERIA	
TYPE	3 SPAN STEEL PLATE GIRDER
TOTAL BRIDGE LIGHT	90.0 m
SPAN	3 x 30m
WIDTH	19.7 m
LIVE LOAD	C 40 - 85
ACCELERATION COEFFICIENT	A = 0.20 (C _g = 0.17)
STANDARD	Código Colombiano de Diseño Sísmico de Puentes

Expressway Viaduct
General View 8

SANTA FE DE BOGOTA
THE REPUBLIC OF COLOMBIA

JAPAN INTERNATIONAL
COOPERATION AGENCY
(JICA)

DATA
SCALE

THE FEASIBILITY STUDY ON THE PROJECT OF HIGHWAY AND BUS-LANE
OF SANTA FE DE BOGOTA IN THE REPUBLIC OF COLOMBIA

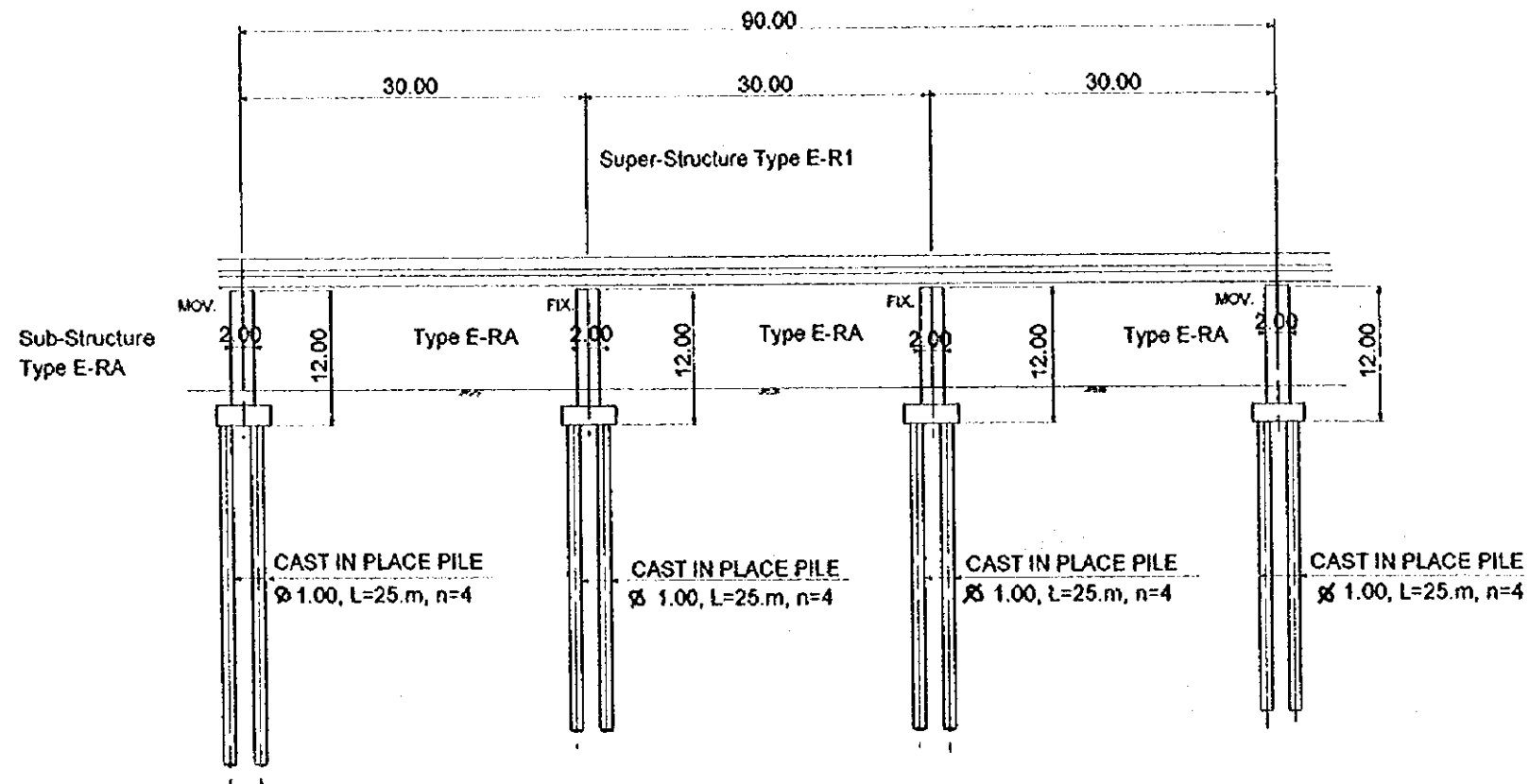
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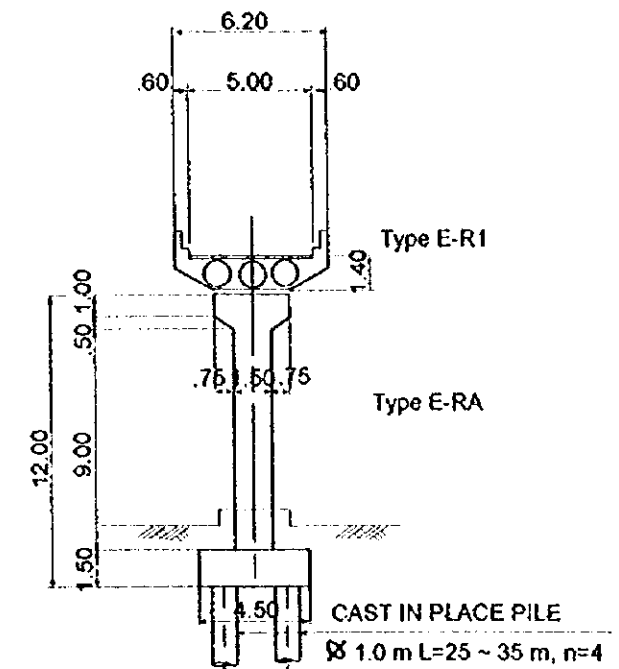
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Sub-Structure Type E-RA

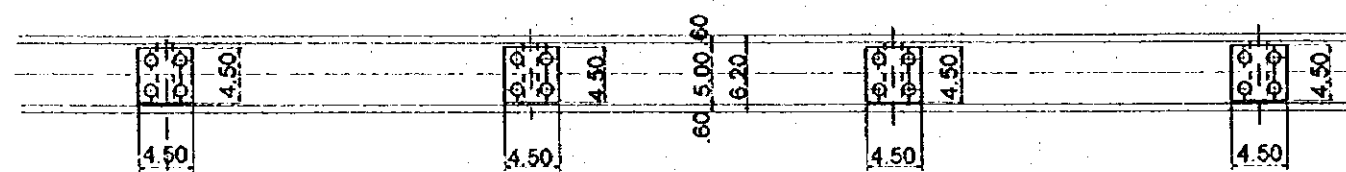
ELEVATION 1 : 600



SECTION 1 : 300



PLAN 1 : 600



DESIGN CRITERIA

DESIGN CRITERIA	
TYPE	3 SPAN P.C. HOLLOW SLAB
TOTAL BRIDGE LIGHT	90.0m
SPAN	3 x 30m
WIDTH	6.2 m
LIVE LOAD	C 40 - 95
ACCELERATION COEFFICIENT	A = 0.20 (Cs = 0.17)
STANDARD	Código Colombiano de Diseño Sismico de Puentes.

Expressway Viaduct
General View 9

SANTA FE DE BOGOTA
THE REPUBLIC OF COLOMBIA

JAPAN INTERNATIONAL
COOPERATION AGENCY
(JICA)

THE FEASIBILITY STUDY ON THE PROJECT OF HIGHWAY AND BUS-LANE
OF SANTA FE DE BOGOTA IN THE REPUBLIC OF COLOMBIA

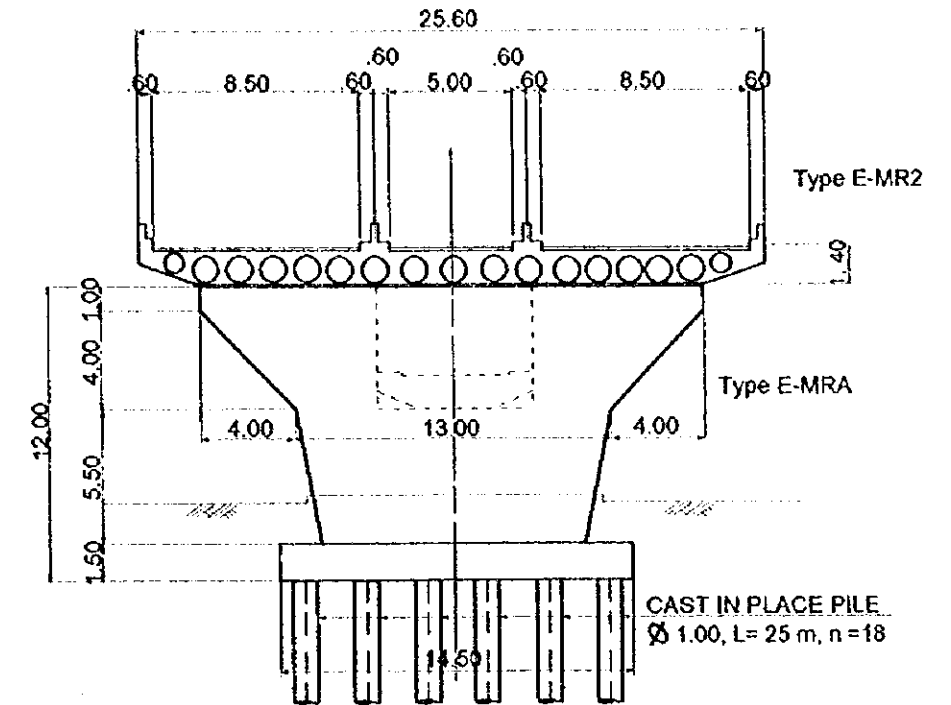
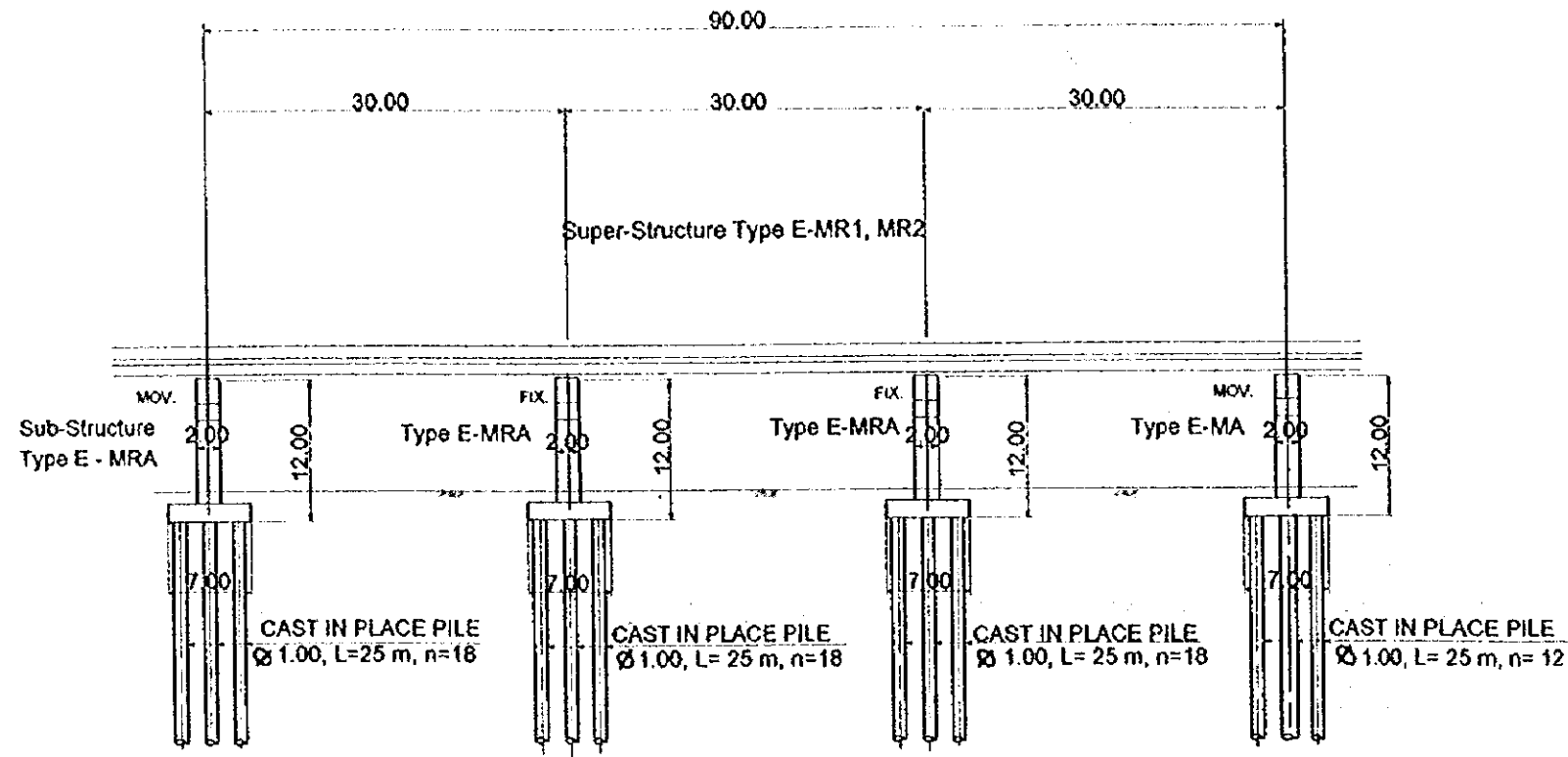
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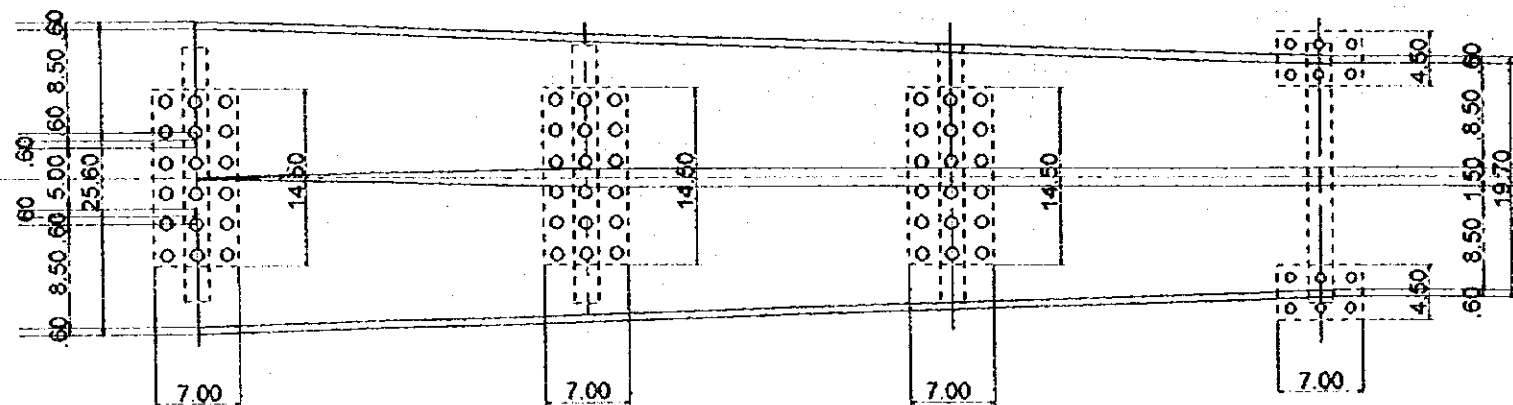
Super-Structure Type E-MR1, MR2
 Sub-Structure Type E - MRA

ELEVATION 1 : 600

SECTION 1 : 300



PLAN 1 : 600



DESIGN CRITERIA	
TYPE	3 SPAN P.C. HOLLOW SLAB
TOTAL BRIDGE LIGHT	90.0m
SPAN	3 x 30m
WIDTH	19.7 - 25.6 m
LIVE LOAD	C 40 - 95
ACCELERATION COEFFICIENT	A = 0.20 (Cs=0.17)
STANDARD	Código Colombiano de Diseño Sísmico de Puentes.

Expressway Viaduct
 General View 10

SANTA FE DE BOGOTA
 THE REPUBLIC OF COLOMBIA

JAPAN INTERNATIONAL
 COOPERATION AGENCY
 (JICA)

DATA
 SCALE

THE FEASIBILITY STUDY ON THE PROJECT OF HIGHWAY AND BUS-LANE
 OF SANTA FE DE BOGOTA IN THE REPUBLIC OF COLOMBIA

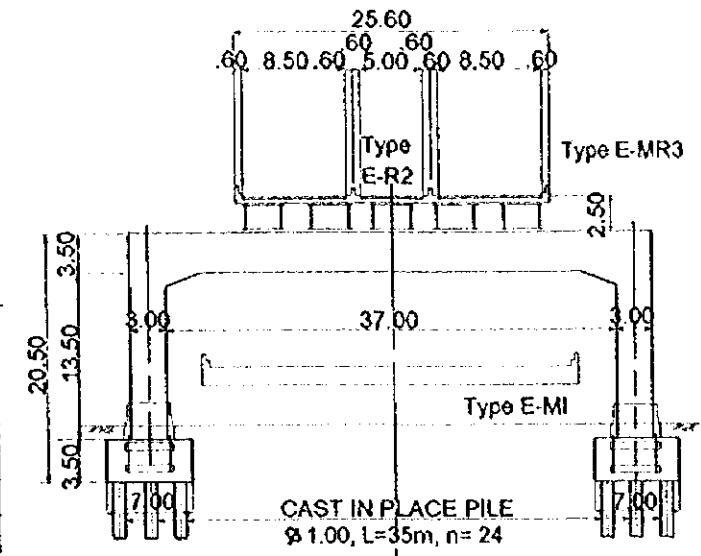
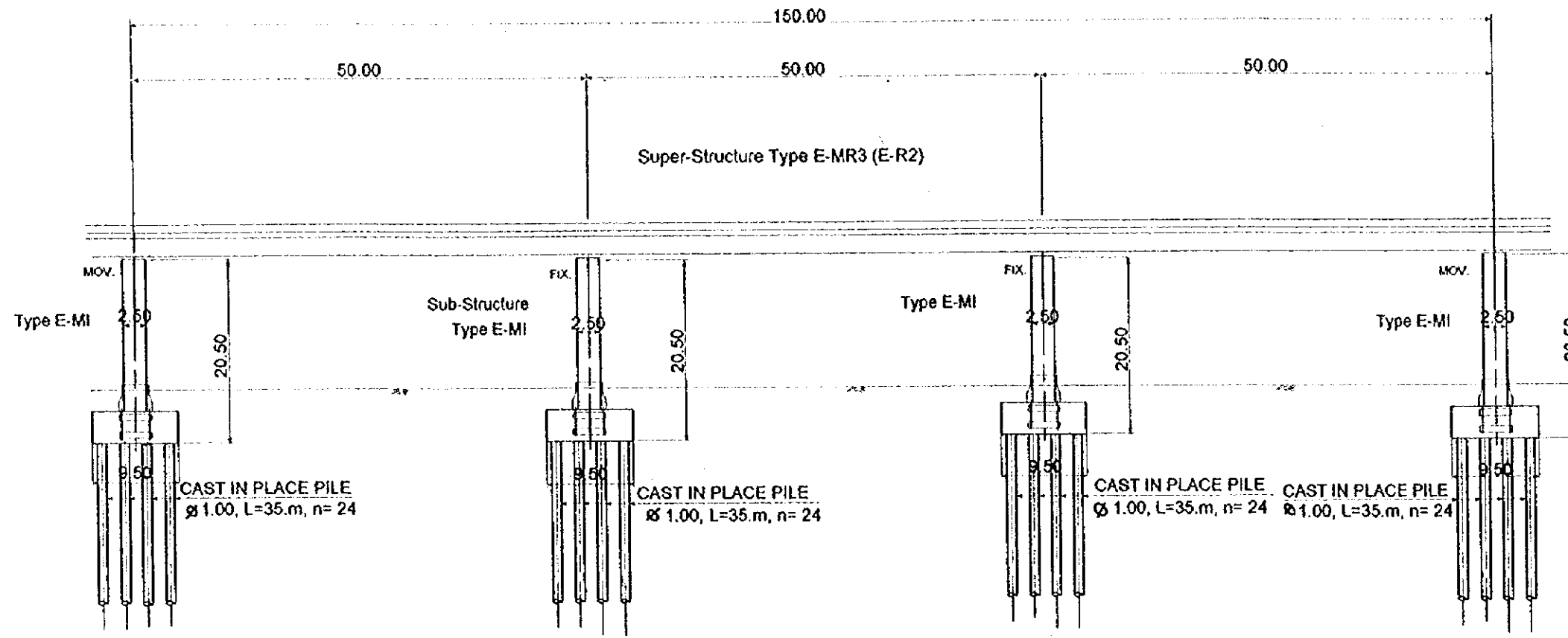
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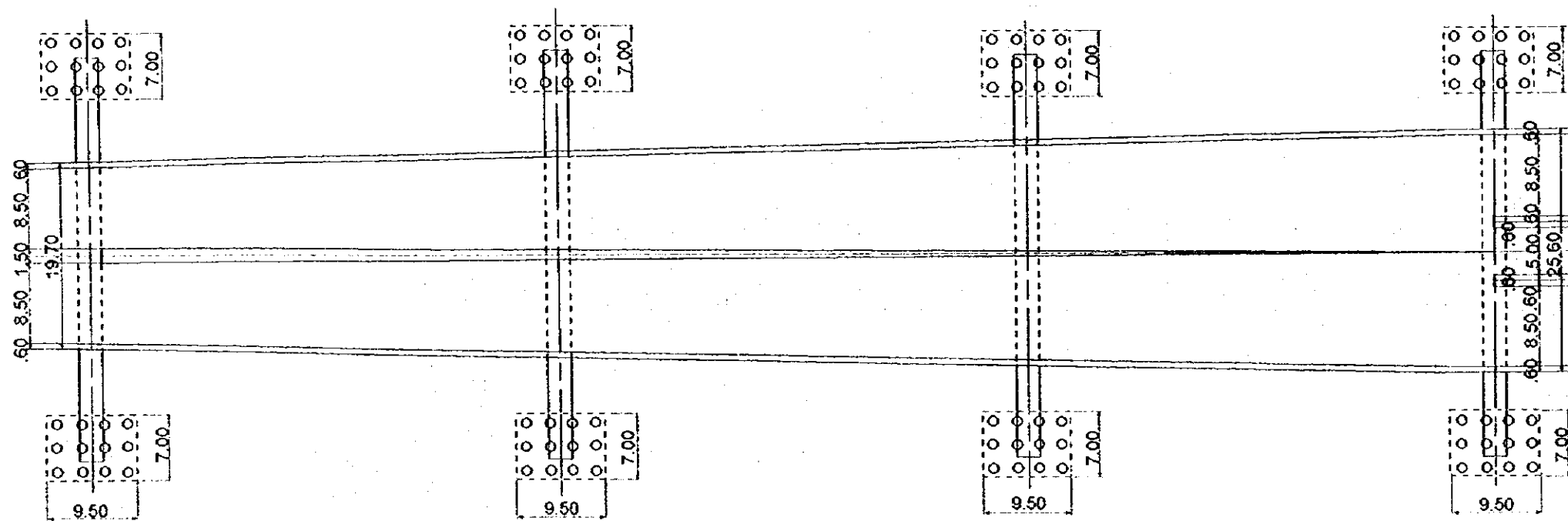
Super-Structure Type E-MR3 (E-R2)
Sub-Structure Type E-MI

ELEVATION 1 : 600

SECTION 1 : 600



PLAN 1 : 600



DESIGN CRITERIA	
TYPE	3 SPAN STEEL BOX GIRDER
TOTAL BRIDGE LIGHT	150.0 m
SPAN	3 x 50m
WIDTH	19.7 - 25.6 m
LIVE LOAD	C-40-95
ACCELERATION COEFFICIENT	A = 0.20 (Cs=0.17)
STANDARD	Código Colombiano de Diseño Sísmico de Puentes

Expressway Viaduct
General View 11

SANTA FE DE BOGOTA
THE REPUBLIC OF COLOMBIA

JAPAN INTERNATIONAL
COOPERATION AGENCY
(JICA)

DATA
SCALE

THE FEASIBILITY STUDY ON THE PROJECT OF HIGHWAY AND BUS-LANE
OF SANTA FE DE BOGOTA IN THE REPUBLIC OF COLOMBIA

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PAGE No 6-12

Miscellaneous

SANTA FE DE BOGOTA
THE REPUBLIC OF COLOMBIA

JAPAN INTERNATIONAL
COOPERATION AGENCY
(JICA)

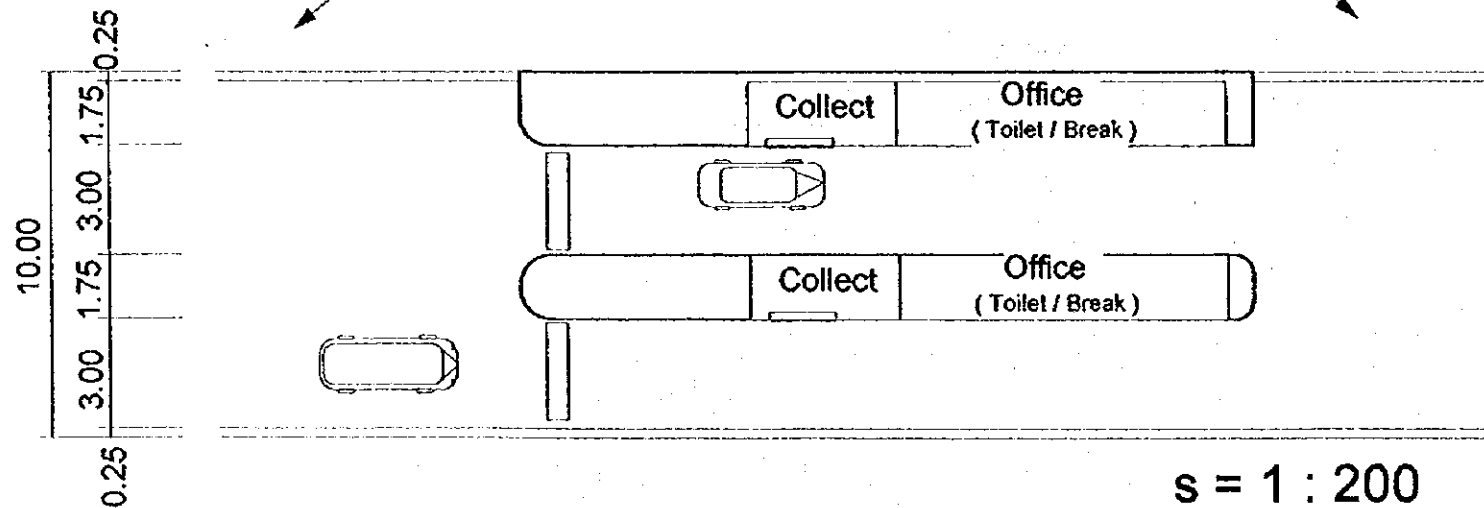
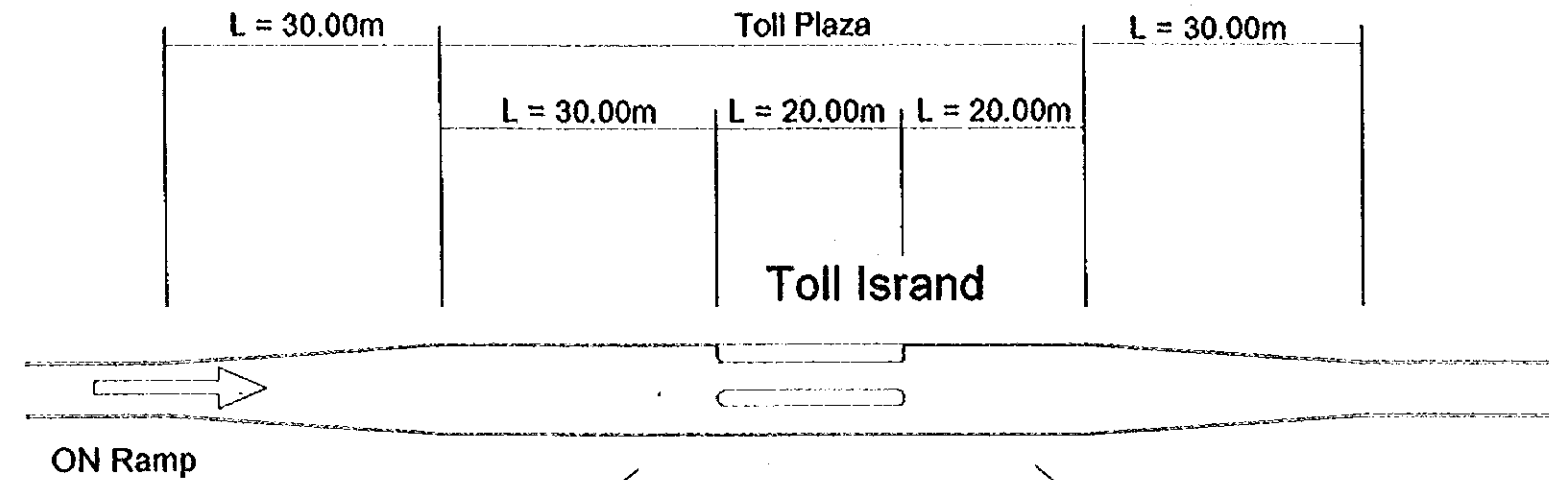
THE FEASIBILITY STUDY ON THE PROJECT OF HIWAY AND BUS-LANE
OF SANTA FE DE BOGOTA IN THE REPUBLIC OF COLOMBIA

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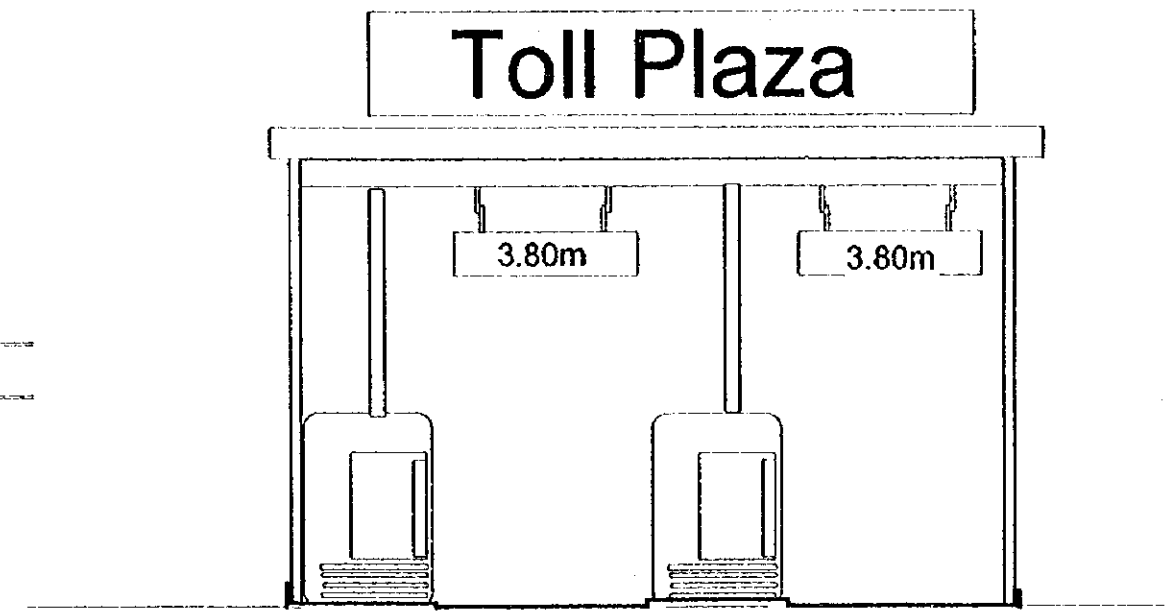
Inner Ring Expressway

Detail Design of Toll Plaza



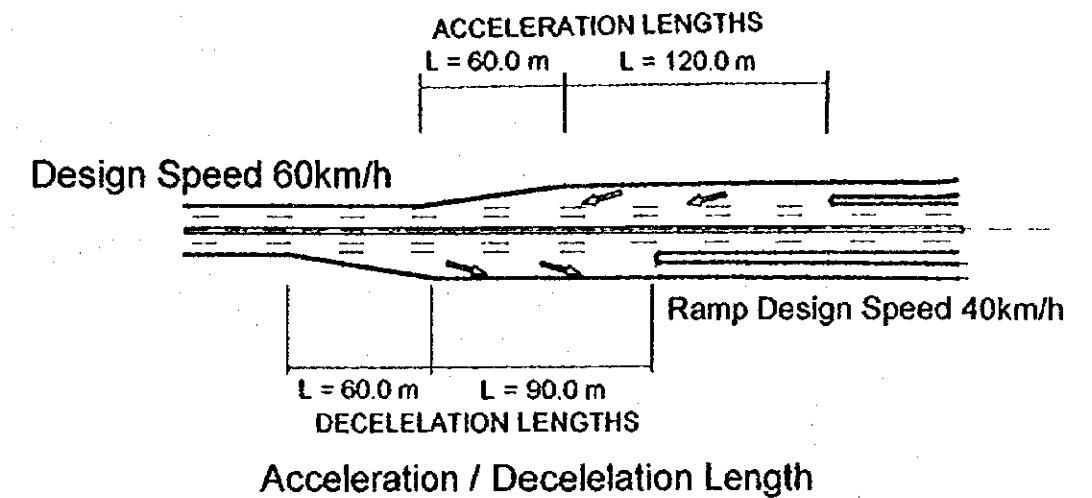
Plan

s = 1 : 200



S = 1 : 100

Cross Section



Acceleration / Deceleration Length

Detail Design of Toll Plaza

SANTA FE DE BOGOTA
THE REPUBLIC OF COLOMBIA

JAPAN INTERNATIONAL
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(JICA)

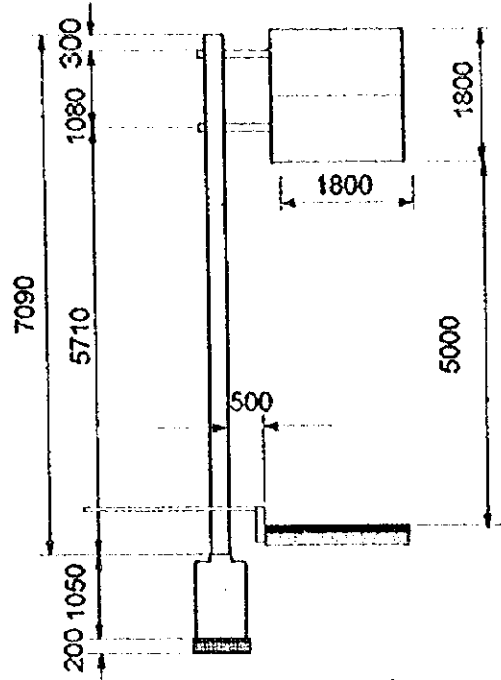
THE FEASIBILITY STUDY ON THE PROJECT OF HIGHWAY AND BUS-LANE
OF SANTA FE DE BOGOTA IN THE REPUBLIC OF COLOMBIA

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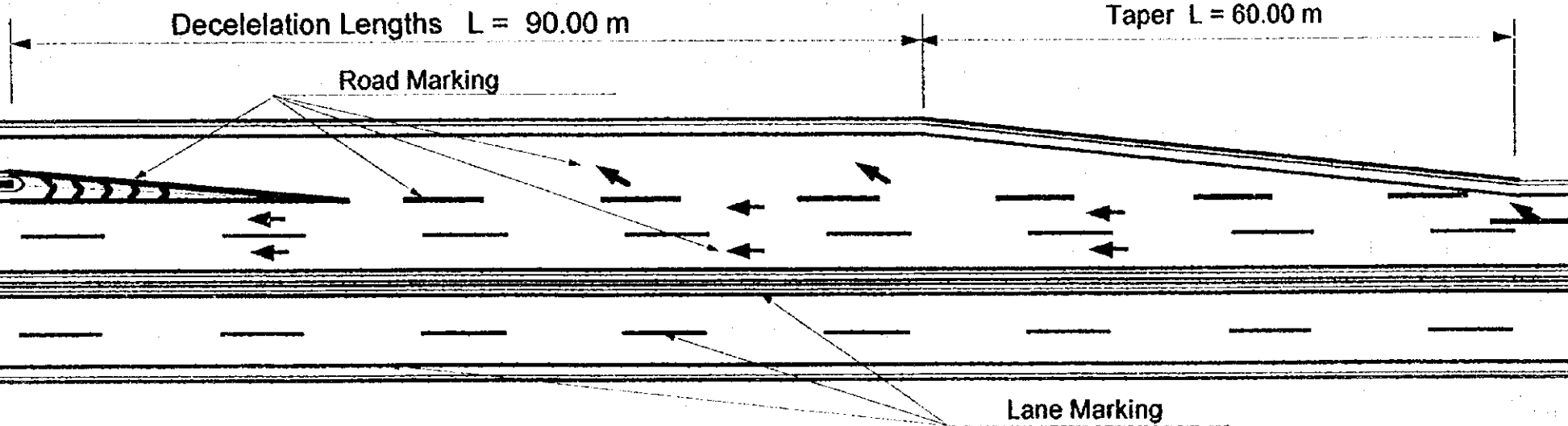
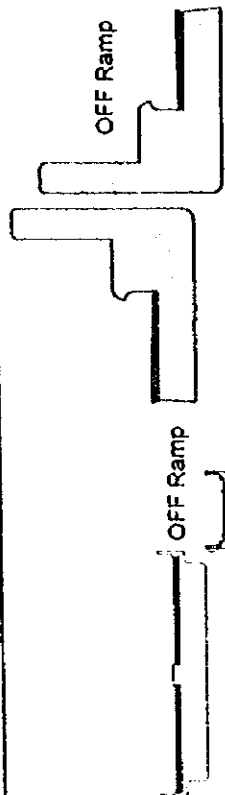
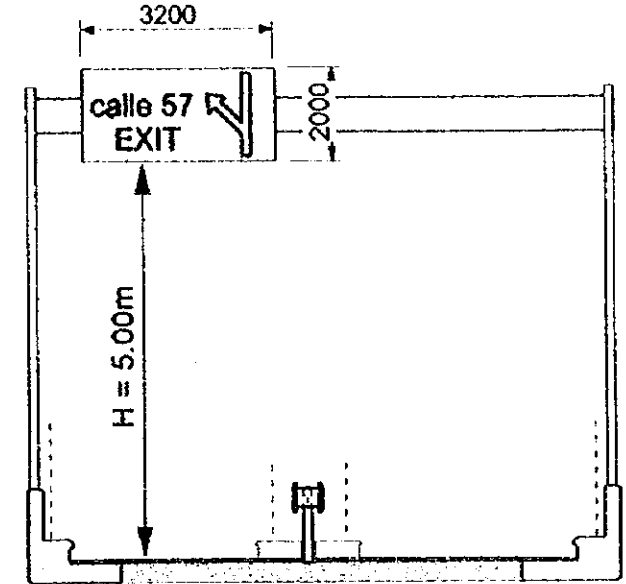
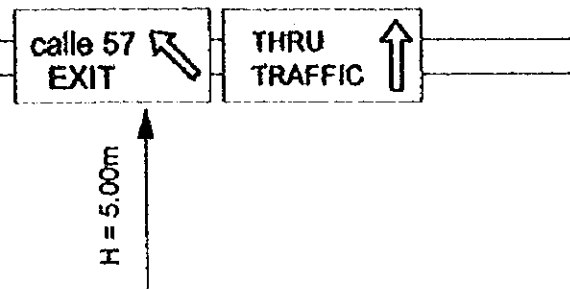
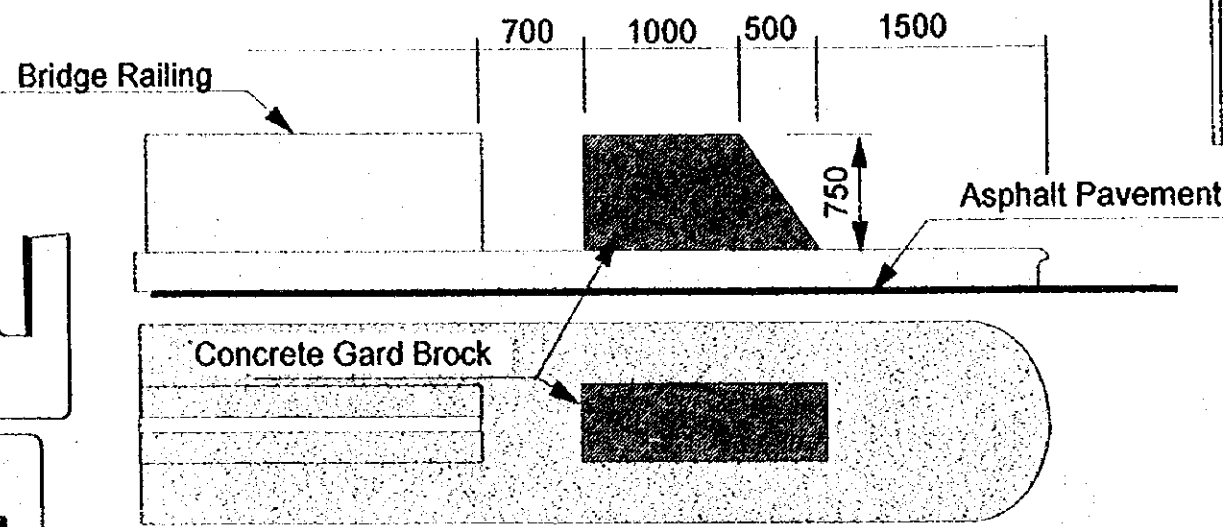
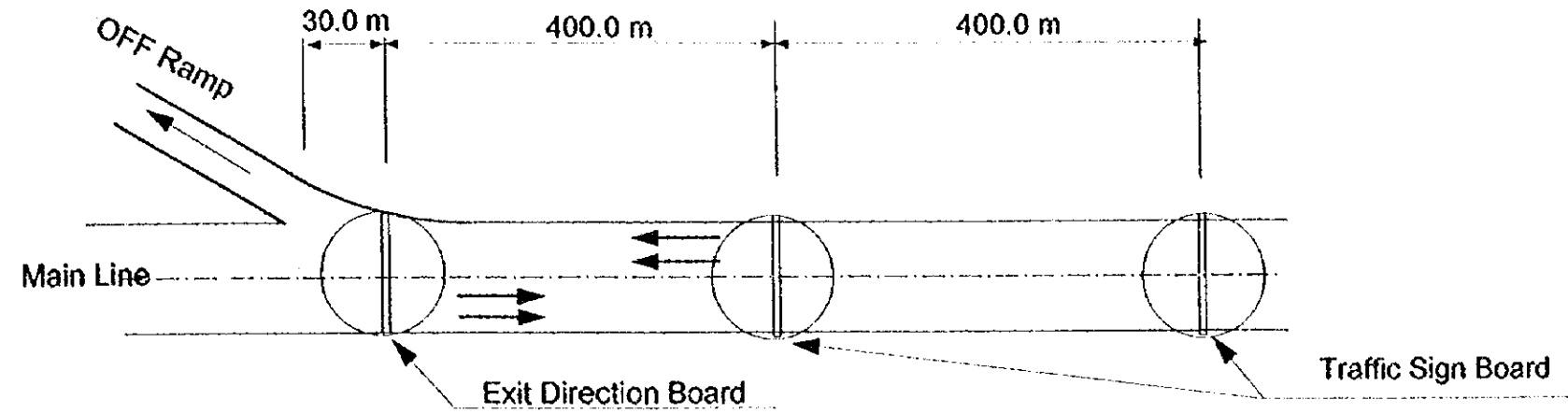
DWG No. 186
PAGE No. 7.

Inner Ring Expressway

Traffic Safety Plan



ON the Ground



Traffic Safety Plan

SANTA FE DE BOGOTA
THE REPUBLIC OF COLOMBIA

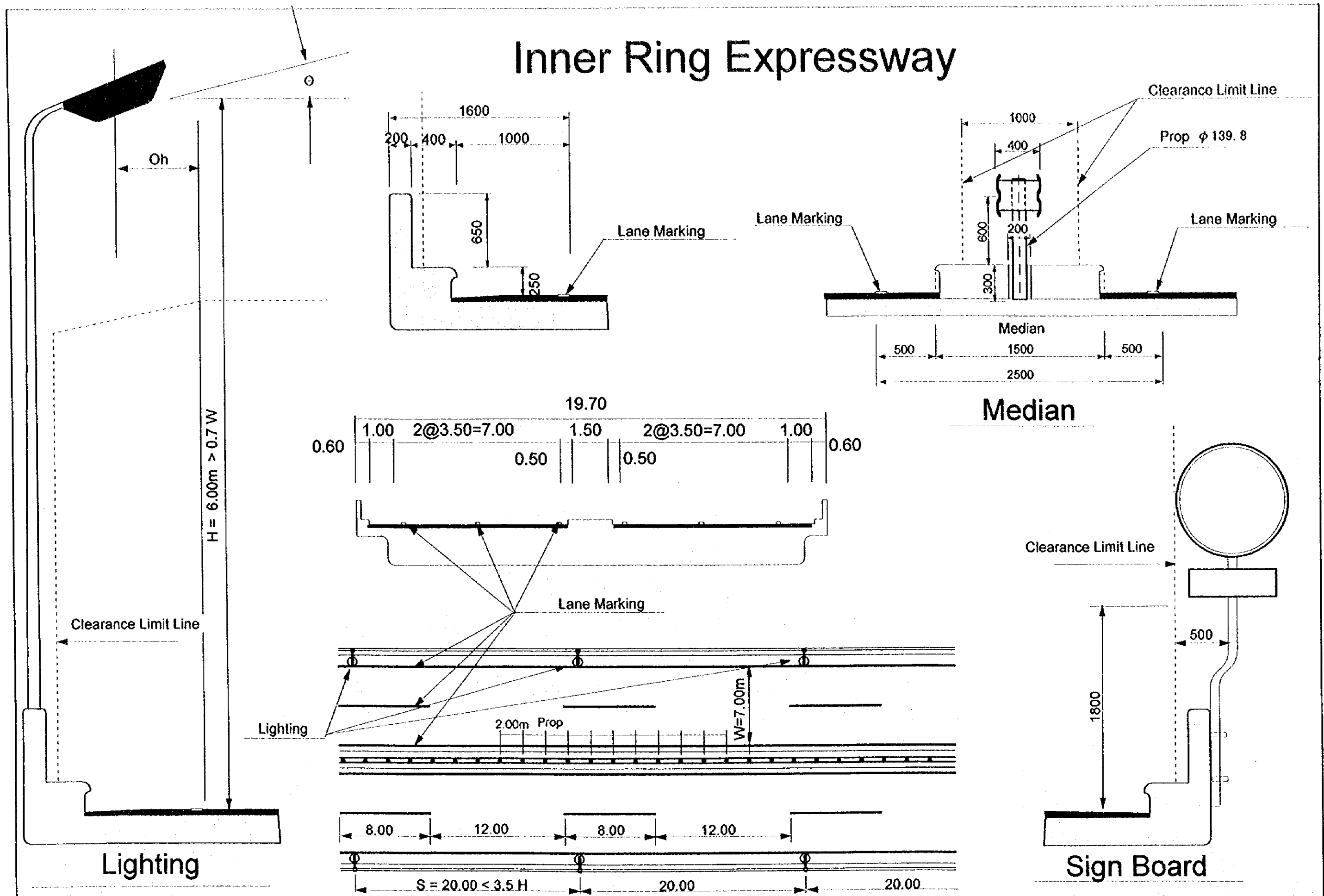
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(JICA)

THE FEASIBILITY STUDY ON THE PROJECT OF HIGHWAY AND BUS-LANE
OF SANTA FE DE BOGOTA IN THE REPUBLIC OF COLOMBIA

DATA
SCALE

DWG No. 187
PAGE No. 7-2

Inner Ring Expressway



SANTA FE DE BOGOTA
THE REPUBLIC OF COLOMBIA

JAPAN INTERNATIONAL
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(JICA)

THE FEASIBILITY STUDY ON THE PROJECT OF HIGHWAY AND BUS-LANE
OF SANTA FE DE BOGOTA IN THE REPUBLIC OF COLOMBIA

DATA
SCALE

DWG No. 188
PAGE No. 7-3

Construction Method

SANTA FE DE BOGOTA
THE REPUBLIC OF COLOMBIA

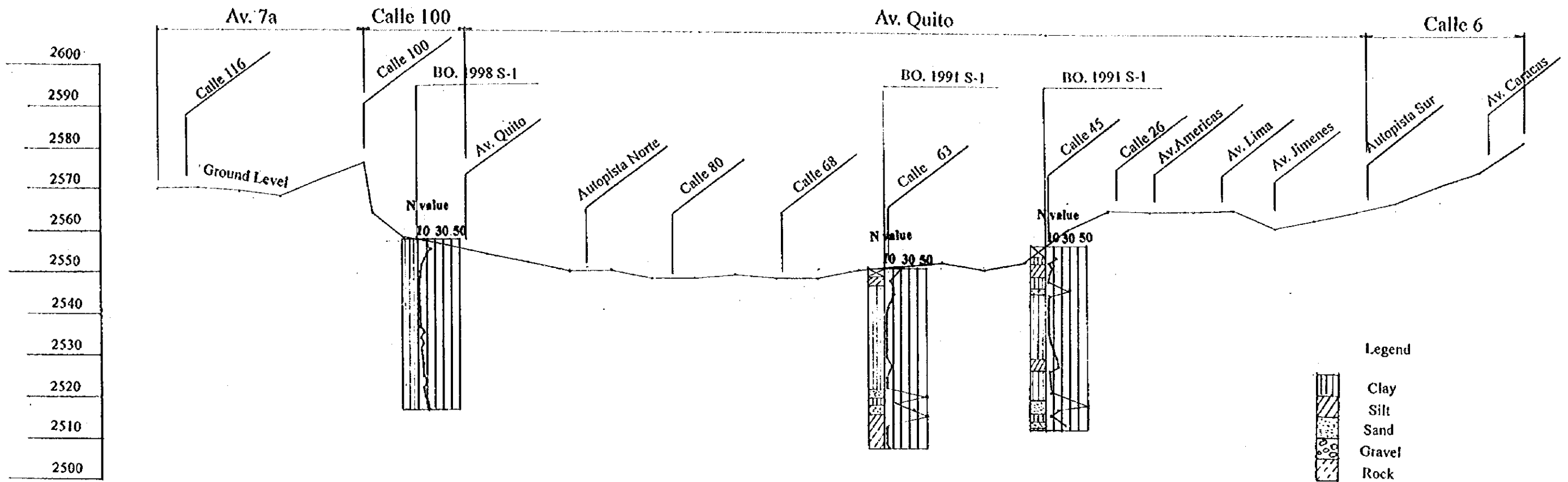
JAPAN INTERNATIONAL
COOPERATION AGENCY
(JICA)

THE FEASIBILITY STUDY ON THE PROJECT OF HIGHWAY AND BUS-LANE
OF SANTA FE DE BOGOTA IN THE REPUBLIC OF COLOMBIA

DATA
SCALE

DWG No. 189
PAGE No.

ELEVATION V=1:500 H=1:50,000



PLAN S=1:50,000



Geologic Profile of Express way

SANTA FE DE BOGOTA
THE REPUBLIC OF COLOMBIA

JAPAN INTERNATIONAL
COOPERATION AGENCY
(JICA)

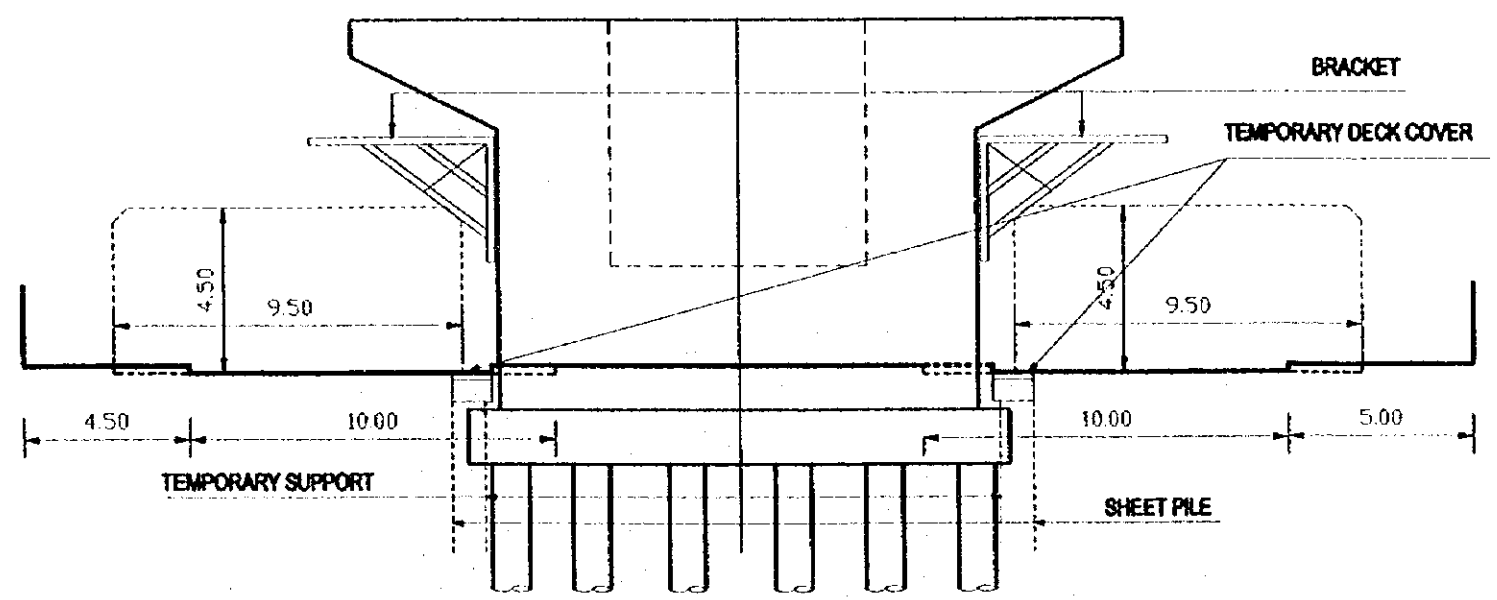
THE FEASIBILITY STUDY ON THE PROJECT OF HIGHWAY AND BUS-LANE
OF SANTA FE DE BOGOTA IN THE REPUBLIC OF COLOMBIA

DATA
SCALE

DWG No. 190
PAGE No. 8-1

CARRERA SEPTIMA

RAMP



**INNER RING EXPRESSWAY VIADUCT
SUB-STRUCTURE CONSTRUCTION METHOD**

**SANTA FE DE BOGOTA
THE REPUBLIC OF COLOMBIA**

**JAPAN INTERNATIONAL
COOPERATION AGENCY
(JICA)**

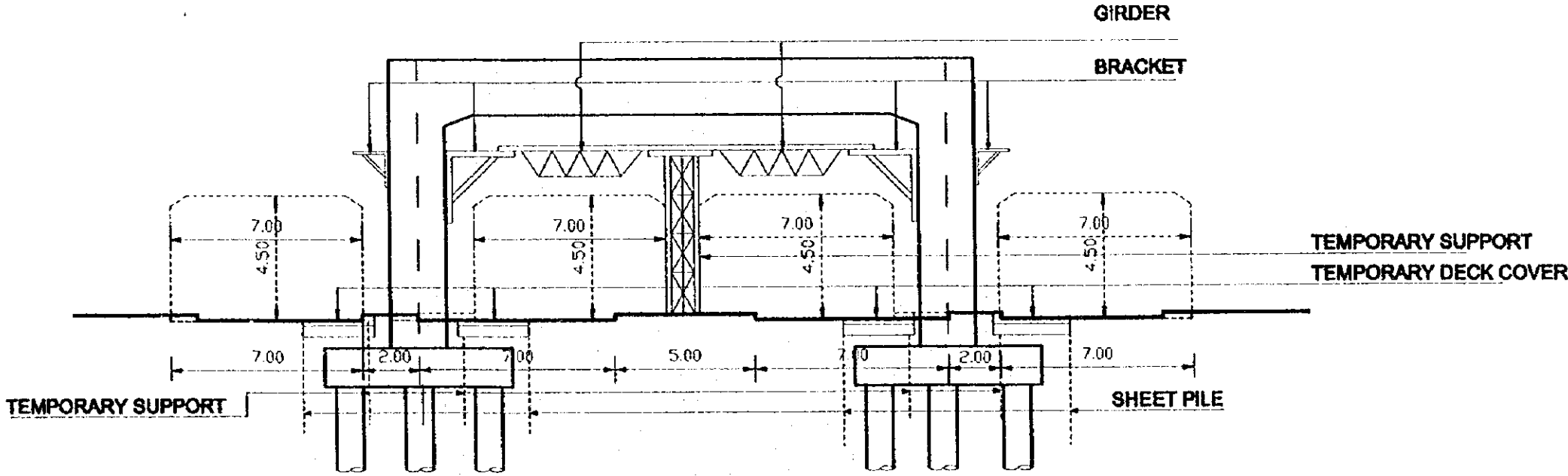
**THE FEASIBILITY STUDY ON THE PROJECT OF HIGHWAY AND BUS-LANE
OF SANTA FE DE BOGOTA IN THE REPUBLIC OF COLOMBIA**

DATA
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DWG No. 191
PAGE No. 8-2

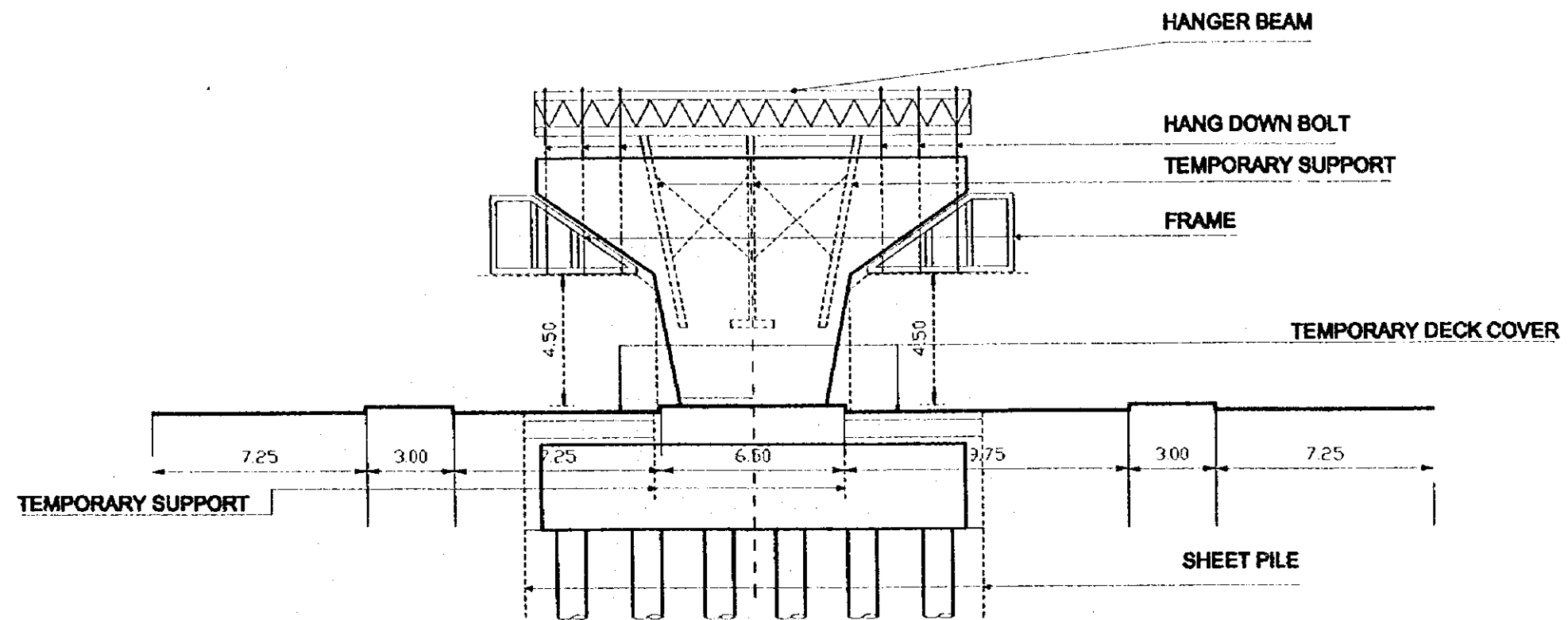
CARRERA SEPTIMA

TYPICAL



INNER RING EXPRESSWAY VIADUCT SUB-STRUCTURE CONSTRUCTION METHOD	SANTA FE DE BOGOTA THE REPUBLIC OF COLOMBIA	JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	THE FEASIBILITY STUDY ON THE PROJECT OF HIGHWAY AND BUS-LANE OF SANTA FE DE BOGOTA IN THE REPUBLIC OF COLOMBIA	
			DATA SCALE :1:200	DWG No. 192 PAGE No. 8-3

CALLE 100



INNER RING EXPRESSWAY VIADUCT
SUB-STRUCTURE CONSTRUCTION METHOD

SANTA FE DE BOGOTA
THE REPUBLIC OF COLOMBIA

JAPAN INTERNATIONAL
COOPERATION AGENCY
(JICA)

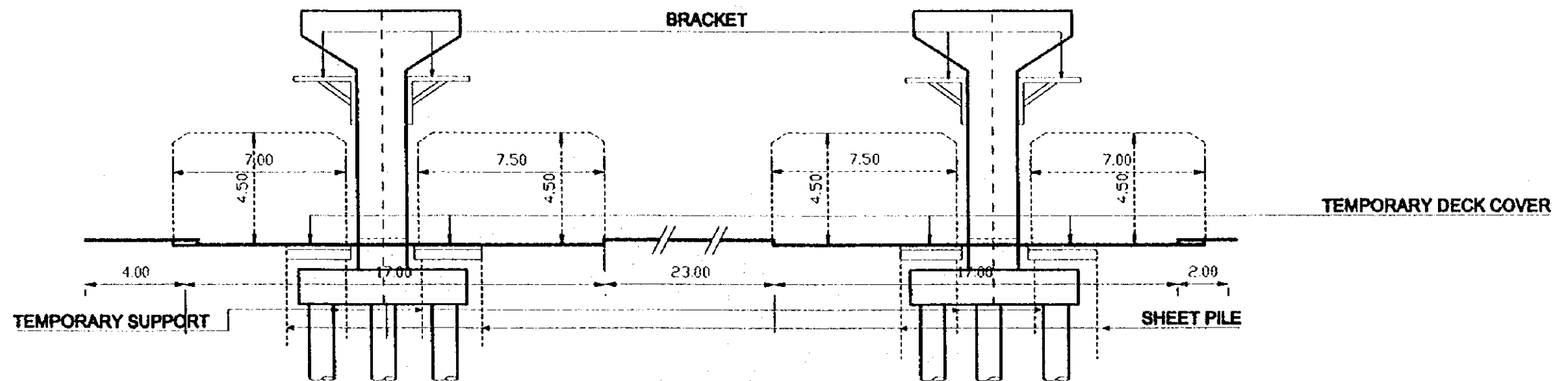
THE FEASIBILITY STUDY ON THE PROJECT OF HIGHWAY AND BUS-LANE
OF SANTA FE DE BOGOTA IN THE REPUBLIC OF COLOMBIA

DATA
SCALE :1.200

DWG No. 193
PAGE No. 8-4

AVENIDA QUITO

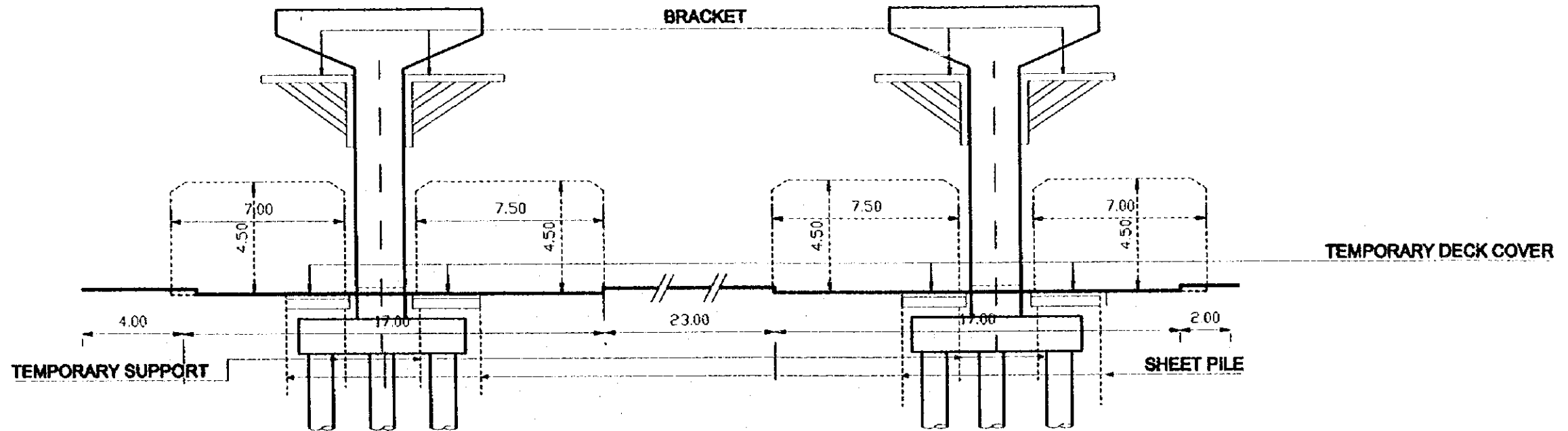
CALLE 94 ~ 68



INNER RING EXPRESSWAY VIADUCT SUB-STRUCTURE CONSTRUCTION METHOD	SANTA FE DE BOGOTA THE REPUBLIC OF COLOMBIA	JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	THE FEASIBILITY STUDY ON THE PROJECT OF HIGHWAY AND BUS-LANE OF SANTA FE DE BOGOTA IN THE REPUBLIC OF COLOMBIA	
			DATA SCALE :1:200	DWG No. 194 PAGE No. 8-5

AVENIDA QUITO

CALLE 78



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SUB-STRUCTURE CONSTRUCTION METHOD

SANTA FE DE BOGOTA
THE REPUBLIC OF COLOMBIA

JAPAN INTERNATIONAL
COOPERATION AGENCY
(JICA)

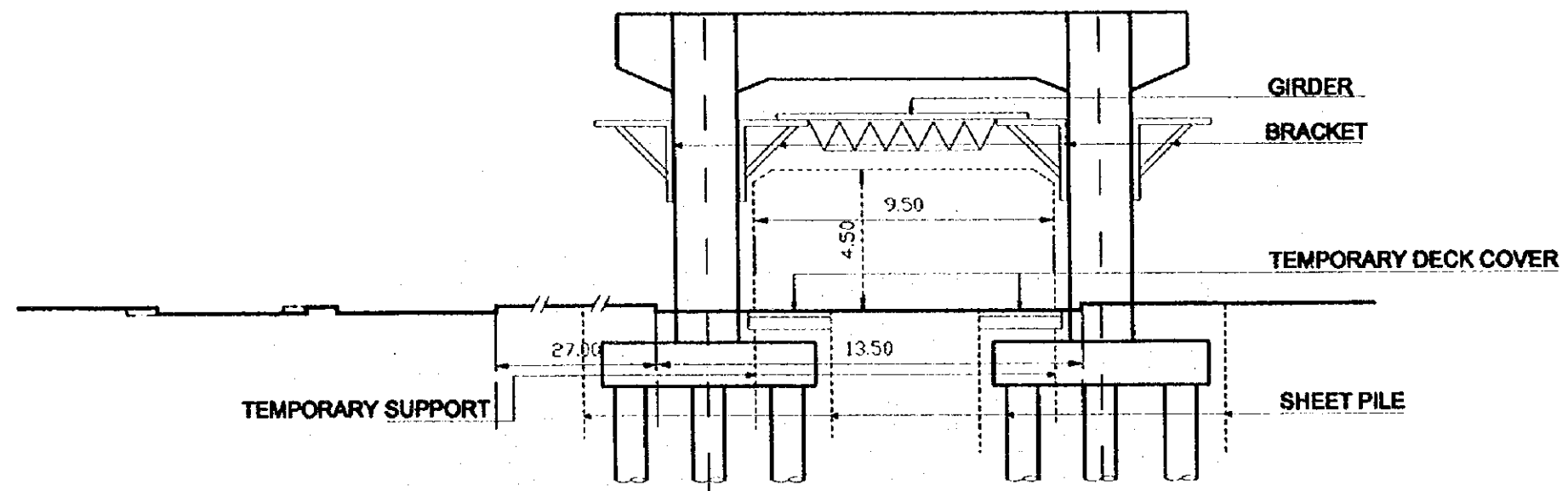
THE FEASIBILITY STUDY ON THE PROJECT OF HIGHWAY AND BUS-LANE
OF SANTA FE DE BOGOTA IN THE REPUBLIC OF COLOMBIA

DATA
SCALE 1:200

DWG No. 195
PAGE No. 8-6

AVENIDA QUITO

CALLE 68



EXPRESSBUSWAY VIADUCT
SUB-STRUCTURE CONSTRUCTION METHOD

SANTA FE DE BOGOTA
THE REPUBLIC OF COLOMBIA

JAPAN INTERNATIONAL
COOPERATION AGENCY
(JICA)

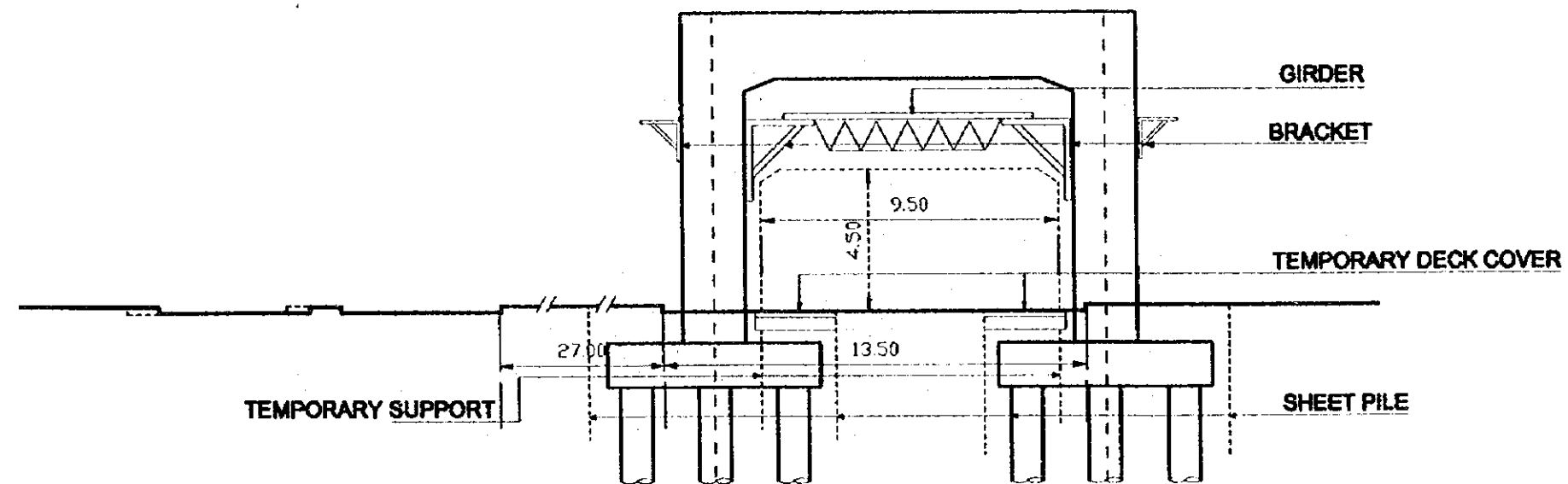
THE FEASIBILITY STUDY ON THE PROJECT OF HIGHWAY AND BUS-LANE
OF SANTA FE DE BOGOTA IN THE REPUBLIC OF COLOMBIA

DATA
SCALE :1:200

DWG No. 196
PAGE No. 8-7

AVENIDA QUITO

CALLE 68 ~ 63



EXPRESSBUSWAY VIADUCT
SUB-STRUCTURE CONSTRUCTION METHOD

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THE FEASIBILITY STUDY ON THE PROJECT OF HIGHWAY AND BUS-LANE
OF SANTA FE DE BOGOTA IN THE REPUBLIC OF COLOMBIA

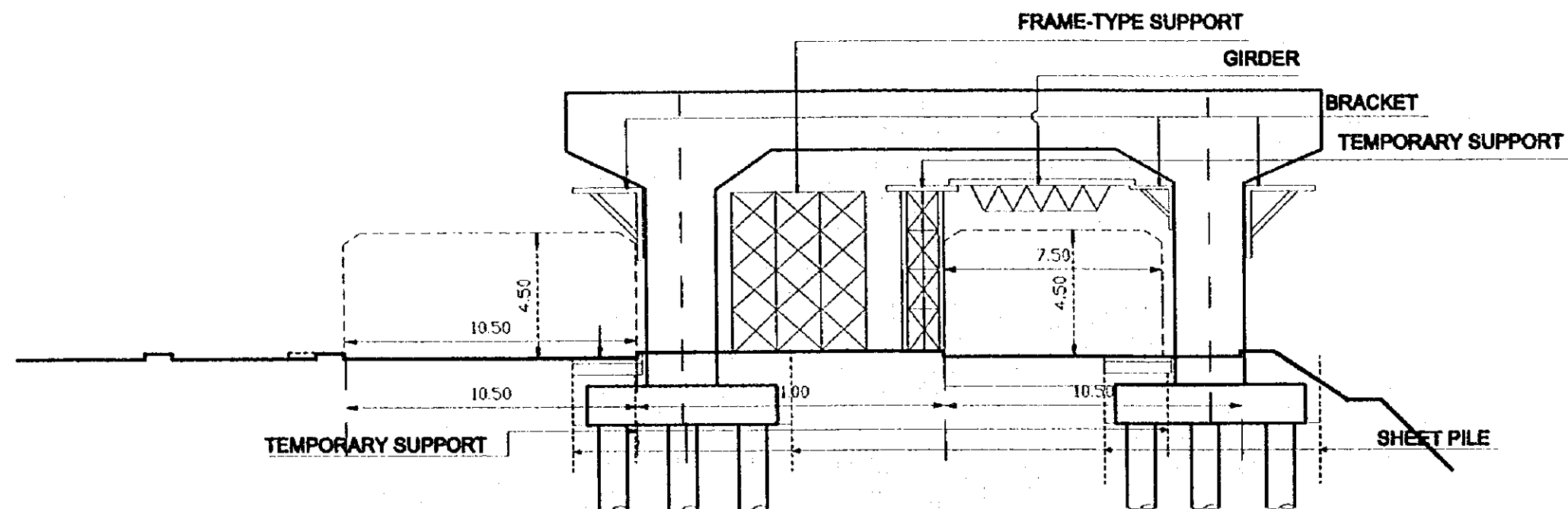
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SCALE :1:200

DWG No. 197
PAGE No. 8-8

AVENIDA QUITO

CALLE 57

JUNCTION



INNER RING EXPRESSWAY VIADUCT
SUB-STRUCTURE CONSTRUCTION METHOD

SANTA FE DE BOGOTA
THE REPUBLIC OF COLOMBIA

JAPAN INTERNATIONAL
COOPERATION AGENCY
(JICA)

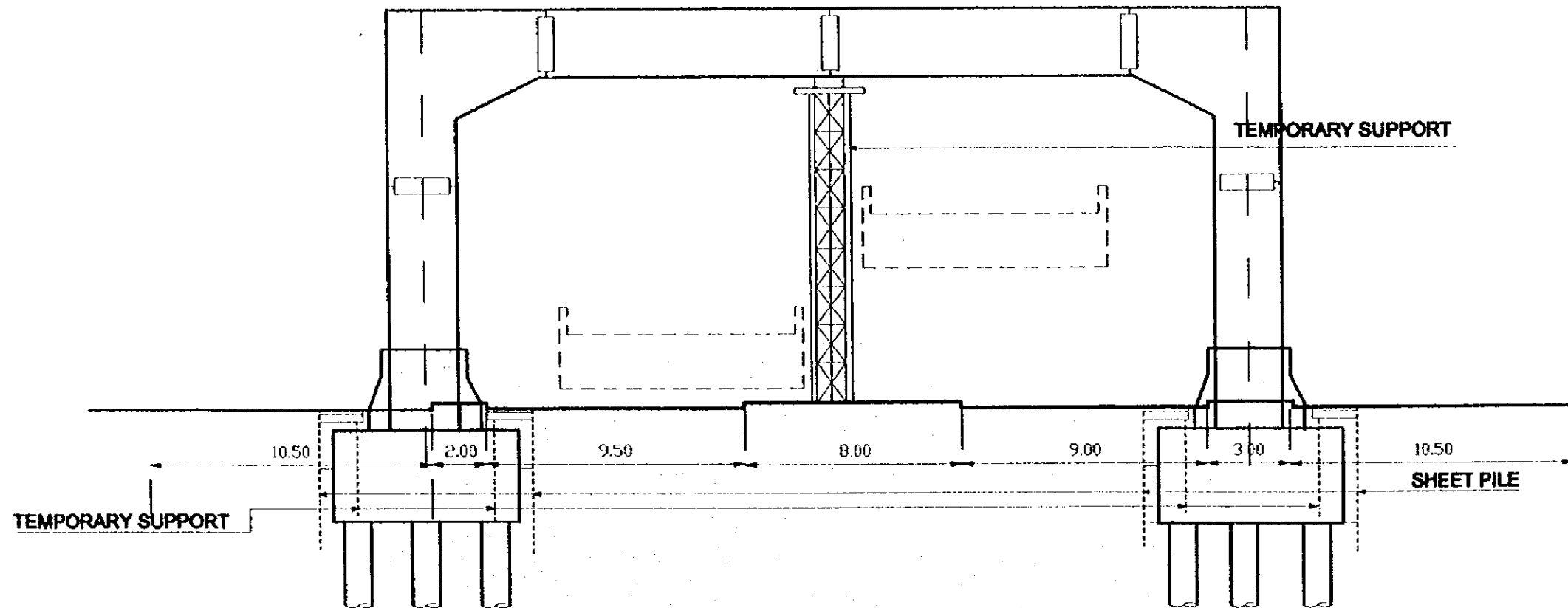
THE FEASIBILITY STUDY ON THE PROJECT OF HIGHWAY AND BUS-LANE
OF SANTA FE DE BOGOTA IN THE REPUBLIC OF COLOMBIA

DATA
SCALE :1:200

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AVENIDA QUITO

CALLE 45~ AVENIDA 28



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SUB-STRUCTURE CONSTRUCTION METHOD

SANTA FE DE BOGOTA
THE REPUBLIC OF COLOMBIA

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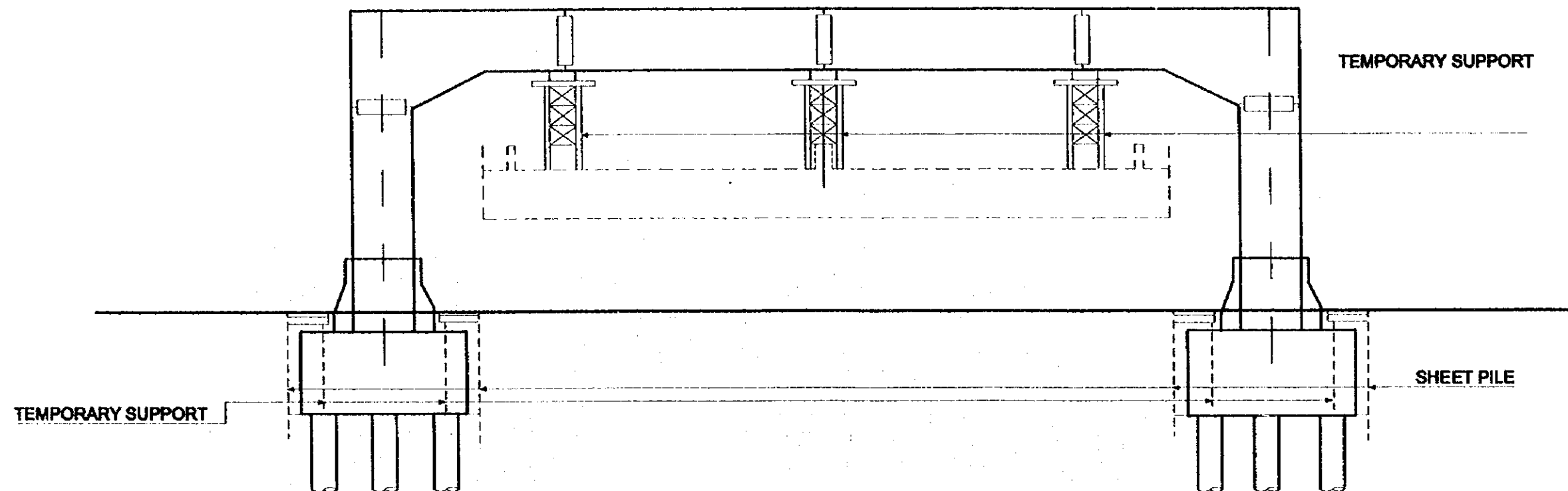
THE FEASIBILITY STUDY ON THE PROJECT OF HIGHWAY AND BUS-LANE
OF SANTA FE DE BOGOTA IN THE REPUBLIC OF COLOMBIA

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SCALE

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AVENIDA QUITO

CALLE 26



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THE FEASIBILITY STUDY ON THE PROJECT OF HIGHWAY AND BUS-LANE
OF SANTA FE DE BOGOTA IN THE REPUBLIC OF COLOMBIA

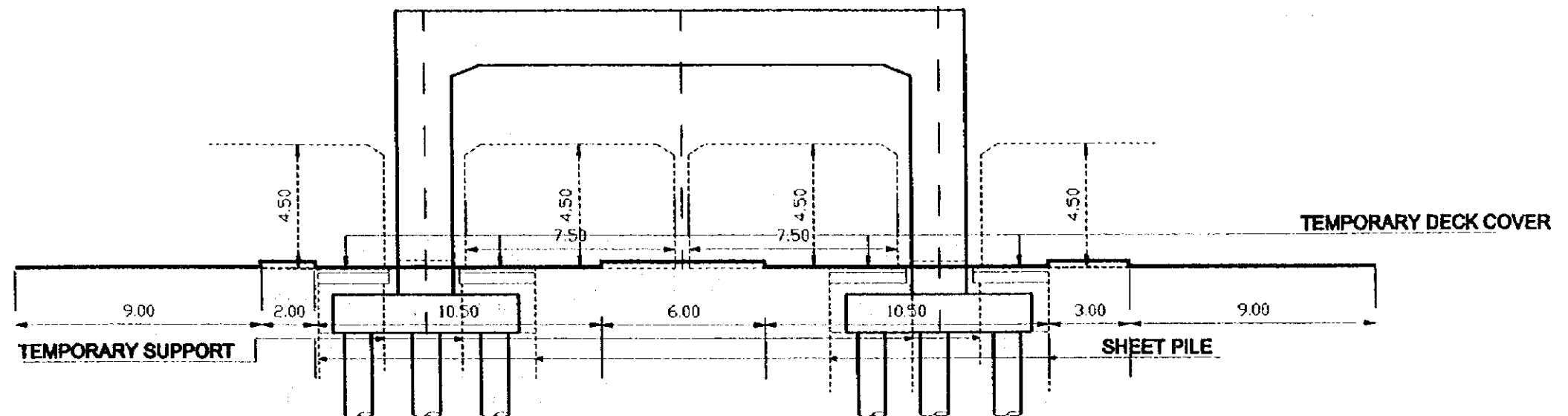
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SCALE 1:200

DWG No. 200
PAGE No. 8-11

AVENIDA QUITO

AV LAS AMERICAS ~ CALLE 18

SIMILAR TO "SEPTIMA TYPICAL"



INNER RING EXPRESSWAY VIADUCT
SUB-STRUCTURE CONSTRUCTION METHOD

SANTA FE DE BOGOTA
THE REPUBLIC OF COLOMBIA

JAPAN INTERNATIONAL
COOPERATION AGENCY
(JICA)

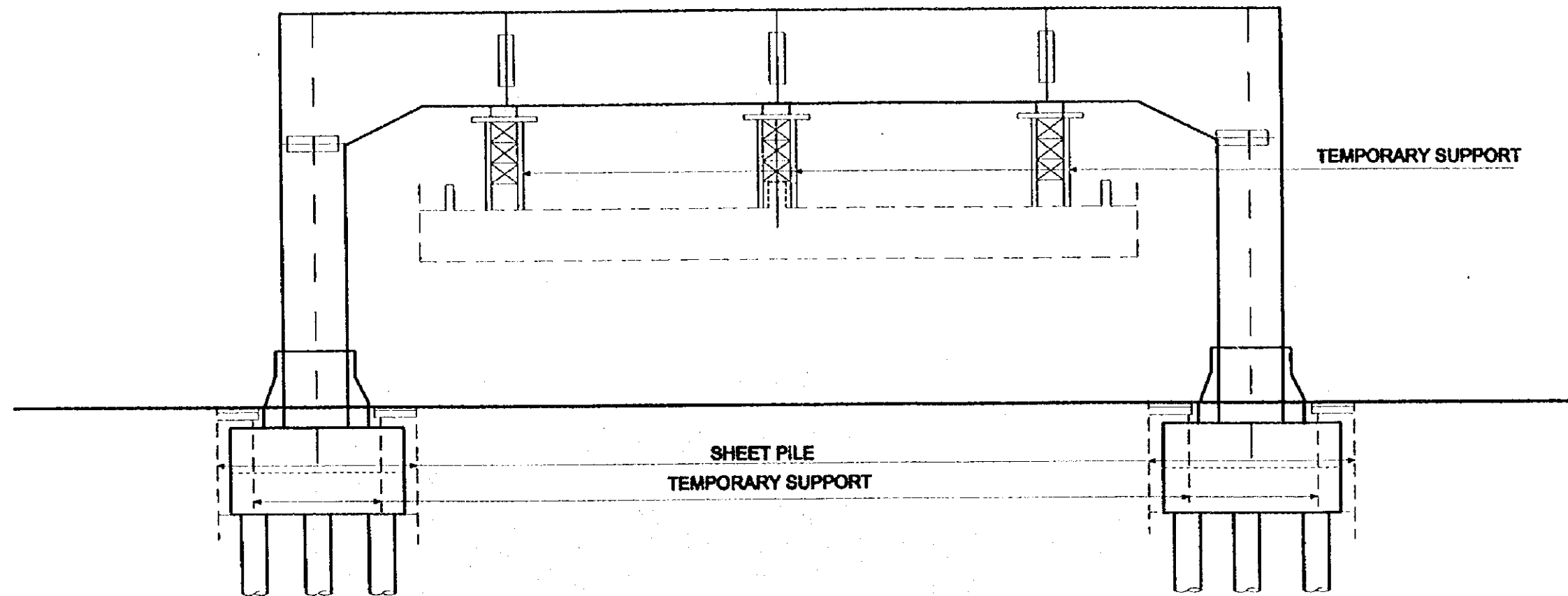
THE FEASIBILITY STUDY ON THE PROJECT OF HIGHWAY AND BUS-LANE
OF SANTA FE DE BOGOTA IN THE REPUBLIC OF COLOMBIA

DATA
SCALE 1:200

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PAGE No. 8-12

AVENIDA QUITO

CALLE 16 ~ 12



INNER RING EXPRESSWAY VIADUCT
SUB-STRUCTURE CONSTRUCTION METHOD

SANTA FE DE BOGOTA
THE REPUBLIC OF COLOMBIA

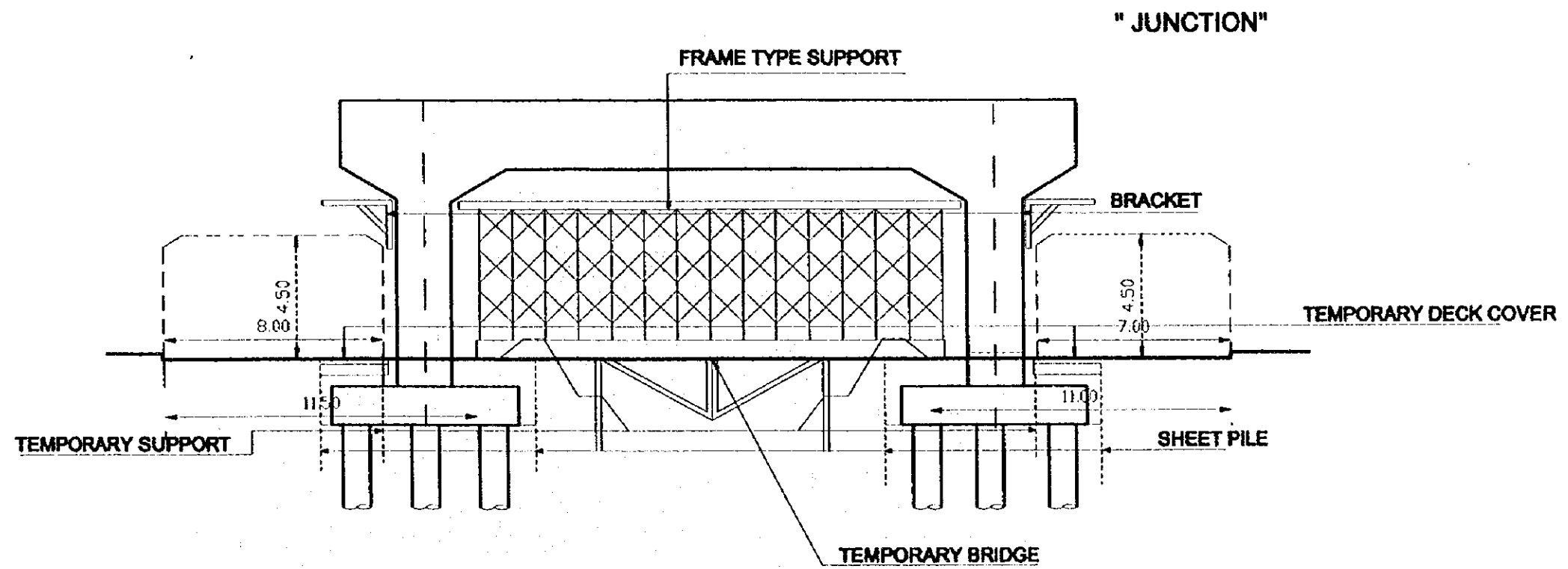
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THE FEASIBILITY STUDY ON THE PROJECT OF HIGHWAY AND BUS-LANE
OF SANTA FE DE BOGOTA IN THE REPUBLIC OF COLOMBIA

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CALLE 6



INNER RING EXPRESSWAY VIADUCT
SUB-STRUCTURE CONSTRUCTION METHOD

SANTA FE DE BOGOTA
THE REPUBLIC OF COLOMBIA

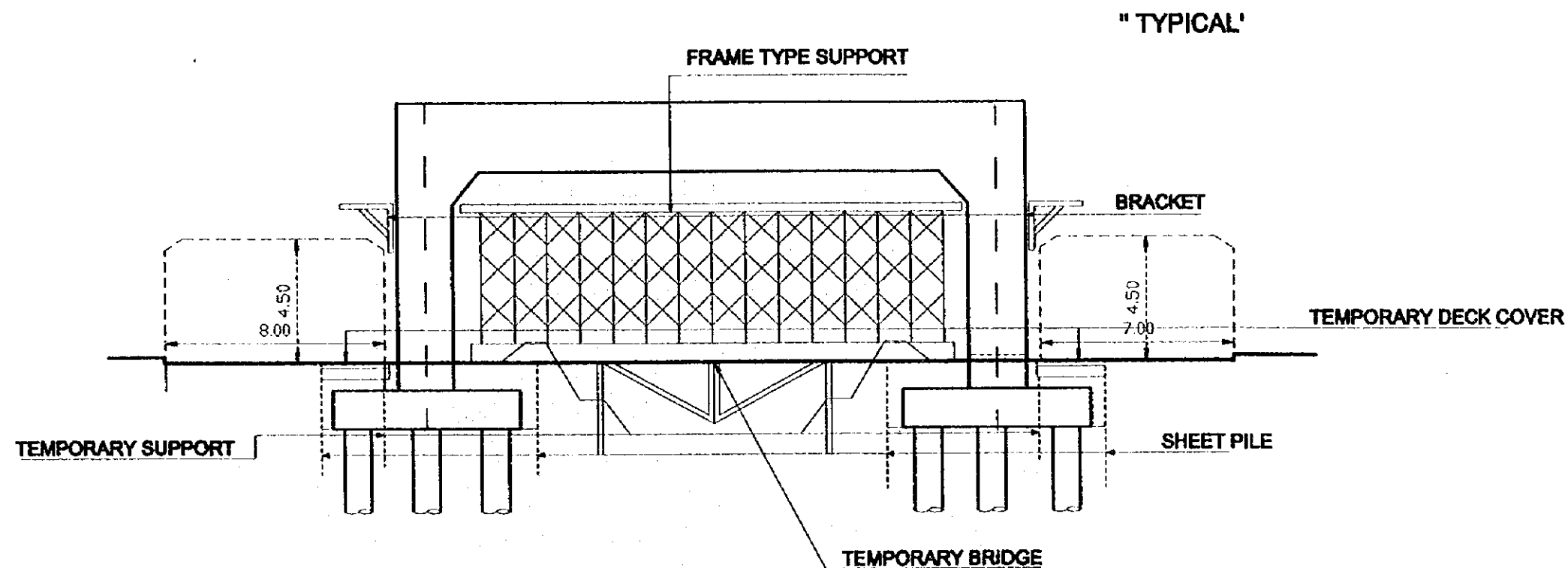
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(JICA)

THE FEASIBILITY STUDY ON THE PROJECT OF HIGHWAY AND BUS-LANE
OF SANTA FE DE BOGOTA IN THE REPUBLIC OF COLOMBIA

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DATA
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Existing Trees

SANTA FE DE BOGOTA
THE REPUBLIC OF COLOMBIA

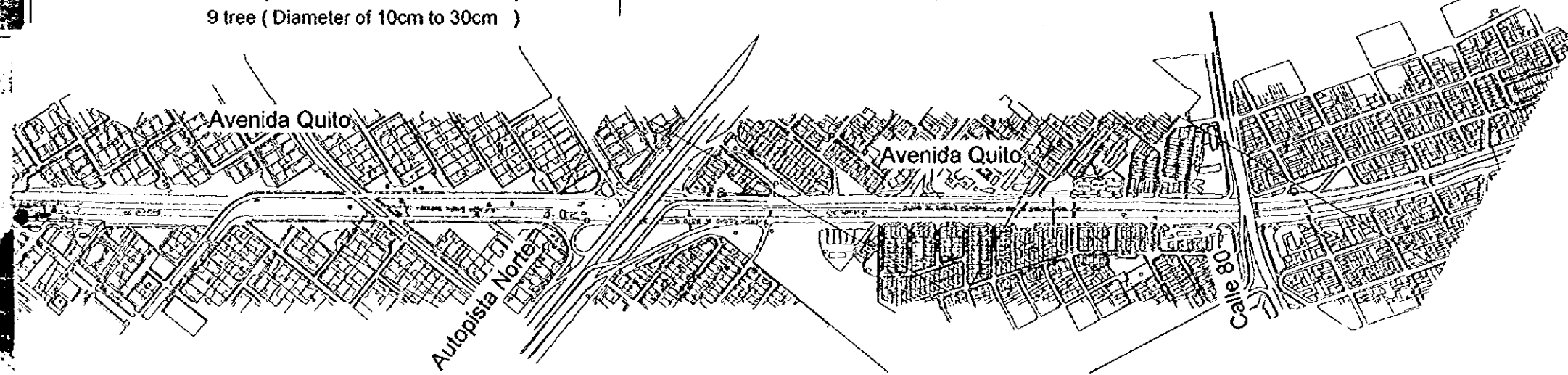
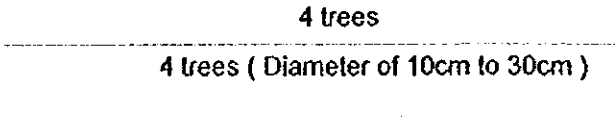
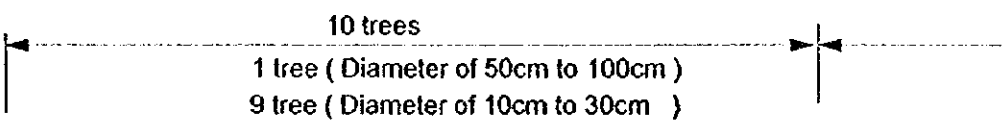
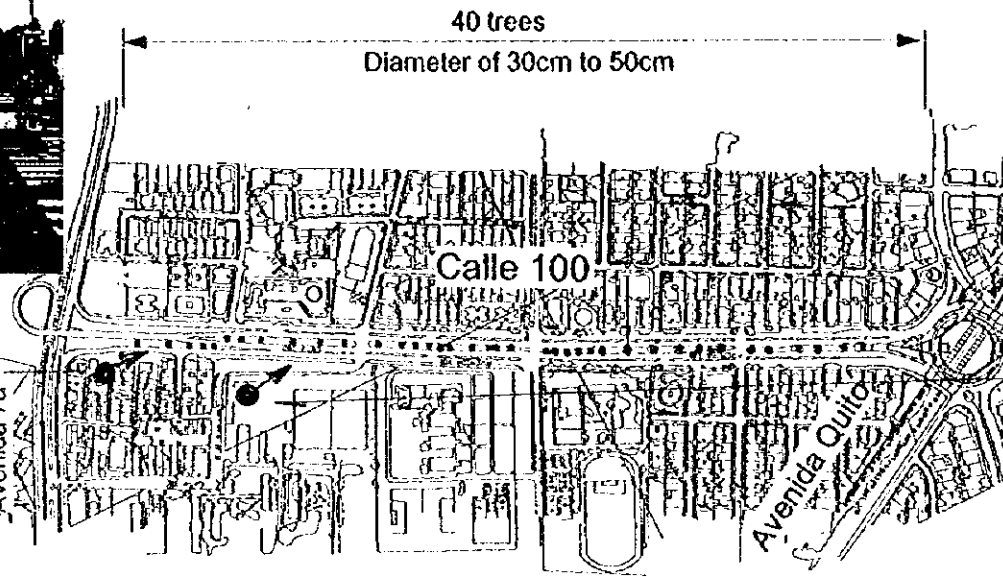
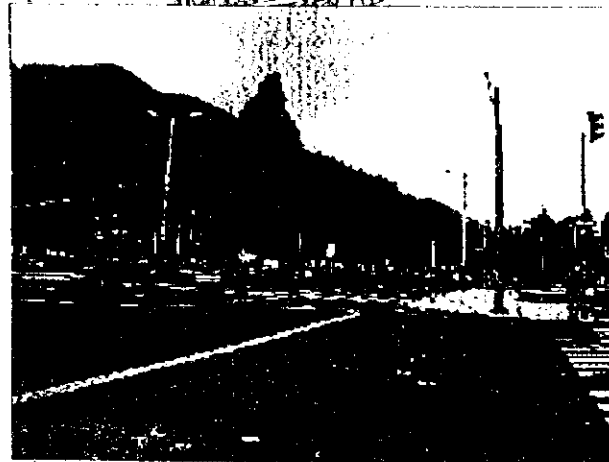
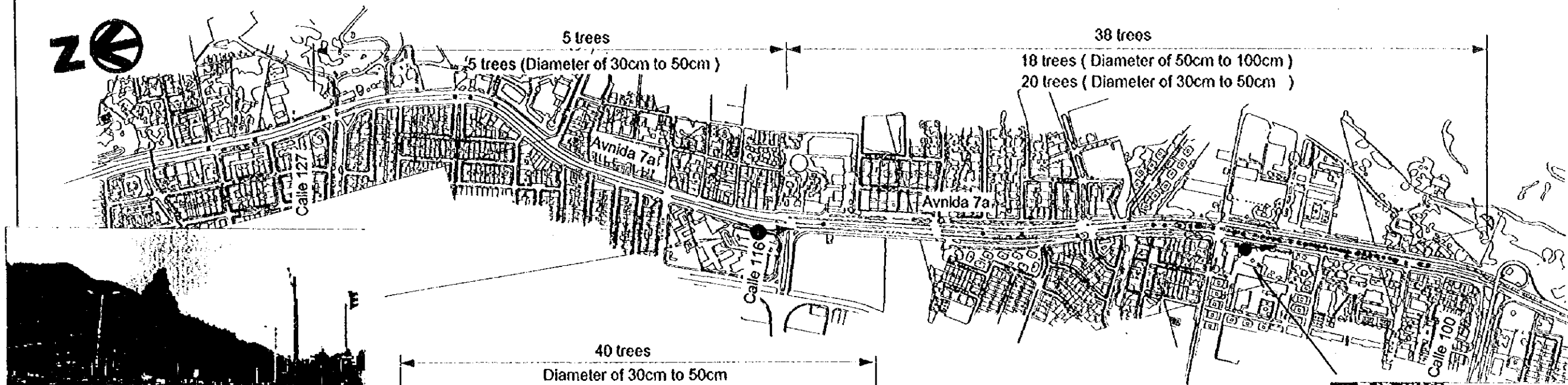
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THE FEASIBILITY STUDY ON THE PROJECT OF HIGHWAY AND BUS-LANE
OF SANTA FE DE BOGOTA IN THE REPUBLIC OF COLOMBIA

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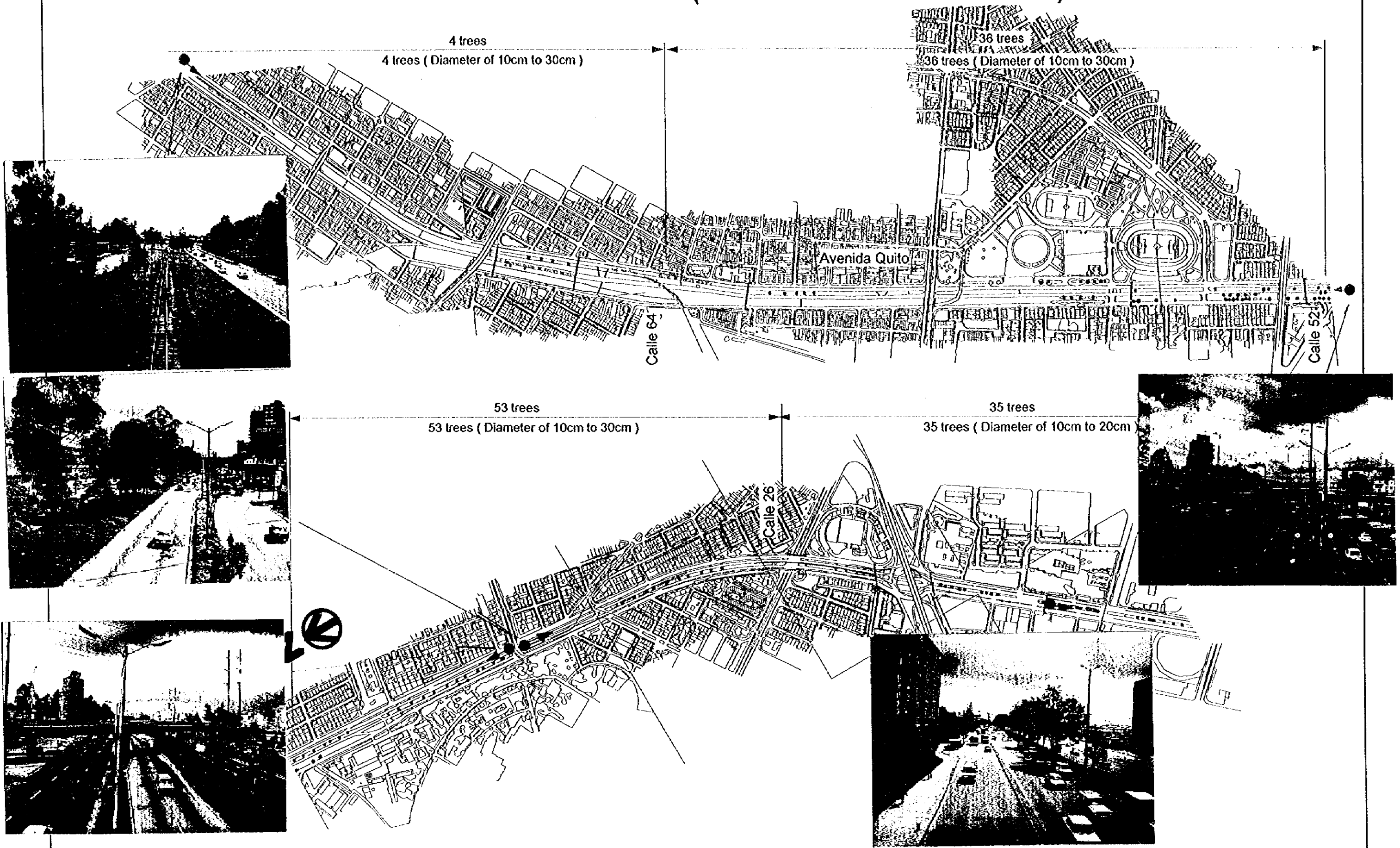
CWG No. 205
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The number of trees (Calle 127 - Calle 79)



<p>Plan The number of trees (Calle 127 - Calle 79)</p>	<p>SANTA FE DE BOGOTA THE REPUBLIC OF COLOMBIA</p>	<p>JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)</p>	<p>THE FEASIBILITY STUDY ON THE PROJECT OF HIGHWAY AND BUS-LANE OF SANTA FE DE BOGOTA IN THE REPUBLIC OF COLOMBIA</p>	<p>DATA SCALE S = 1 : 10000</p> <p>OWG No. 206 PAGE No. 9-1</p>
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The number of trees (Calle 79 - Avnida Lima)



Plan

The number of trees (Calle 79 - Av. Lima)

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THE REPUBLIC OF COLOMBIA

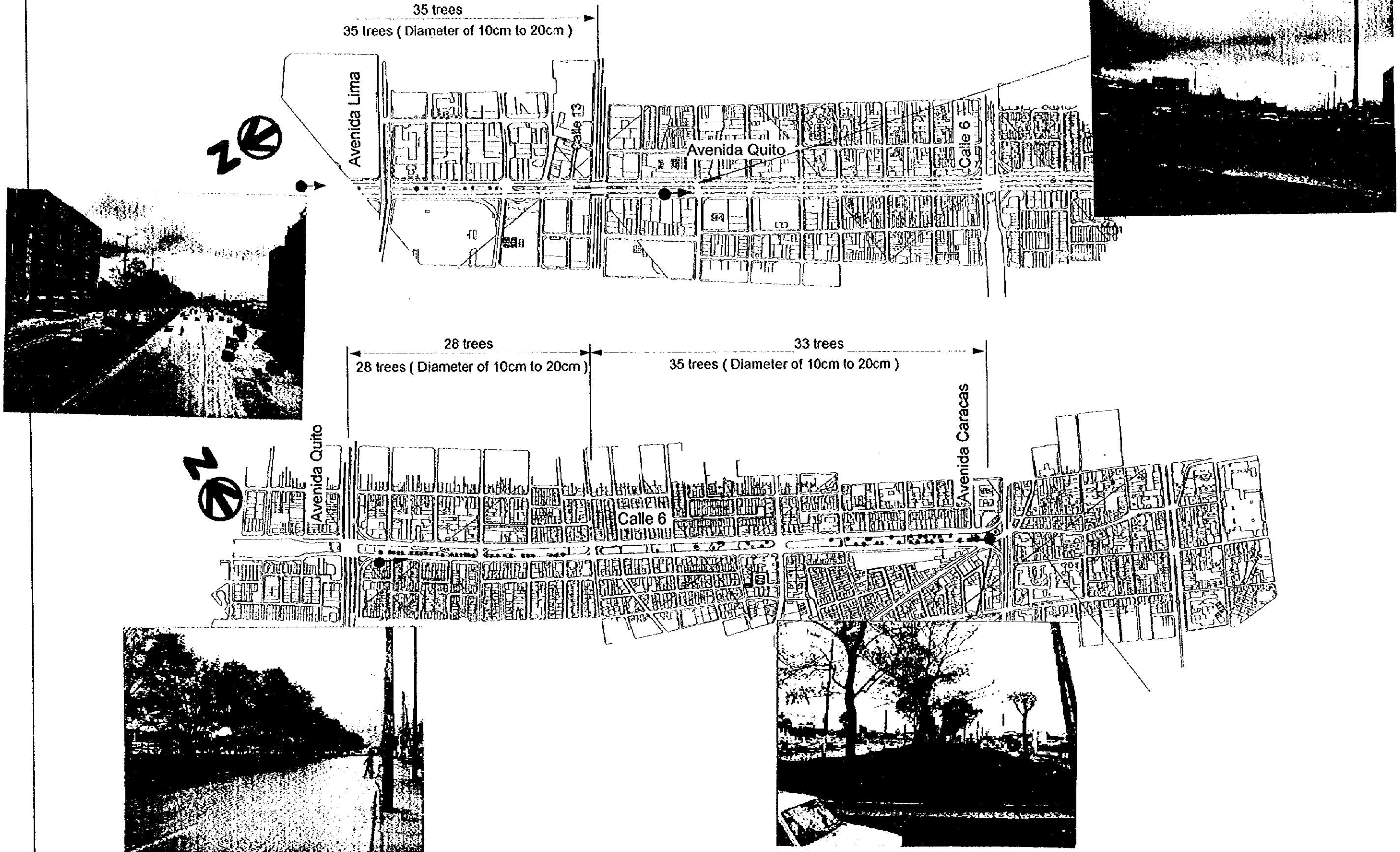
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The number of trees (Avenida Lima - Calle 6)



Plan

The number of trees (Av. Lima - Calle 6)

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DATA
SCALE S=1:10000

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Noise Barrier

SANTA FE DE BOGOTA
THE REPUBLIC OF COLOMBIA

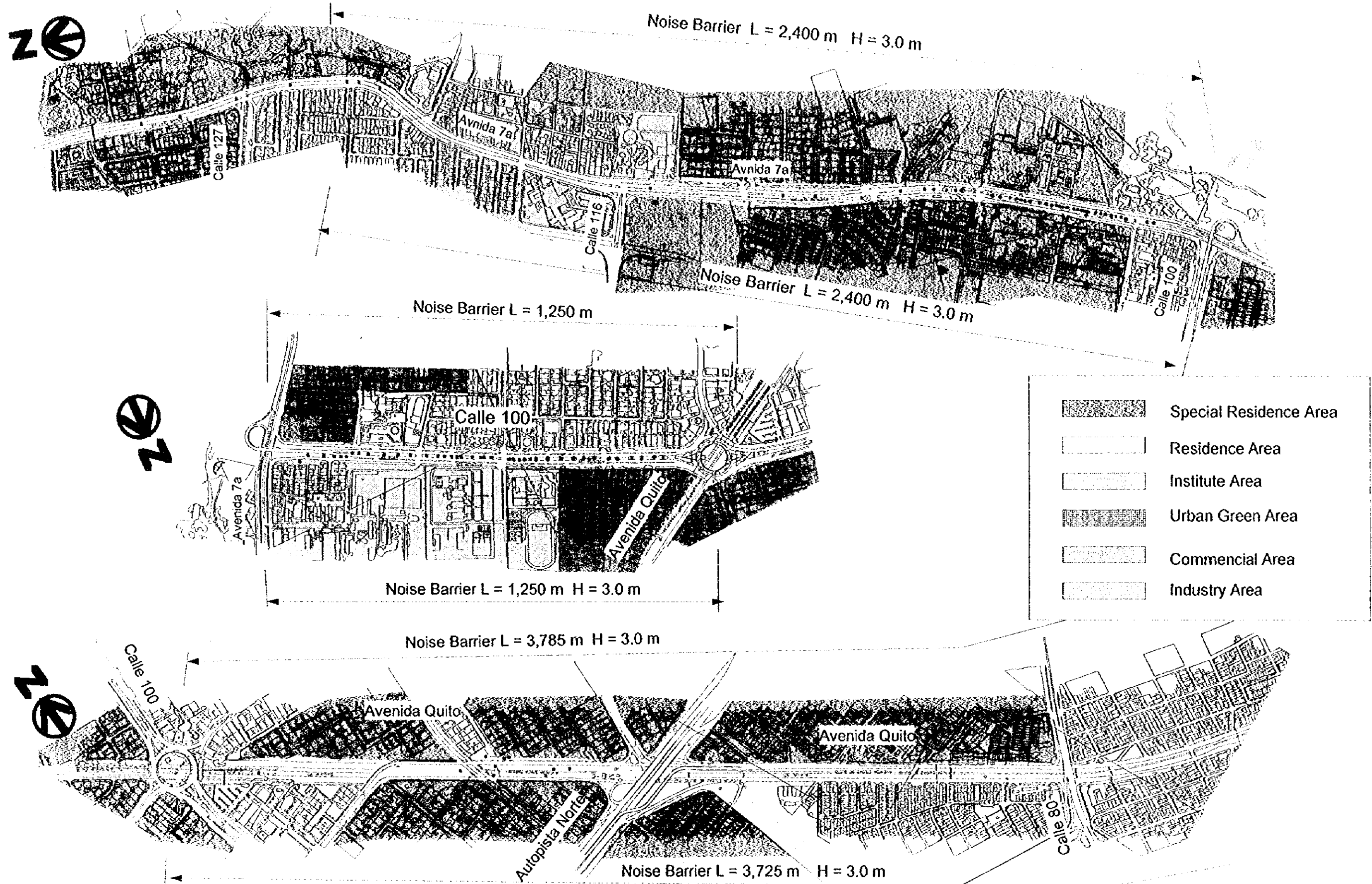
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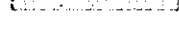
THE FEASIBILITY STUDY ON THE PROJECT OF HIGHWAY AND BUS-LANE
OF SANTA FE DE BOGOTA IN THE REPUBLIC OF COLOMBIA

DATA
SCALE

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Location Map of Noise Barrer (Calle 127 - Calle 79)



-  Special Residence Area
-  Residence Area
-  Institute Area
-  Urban Green Area
-  Commercial Area
-  Industry Area

Location Map of Noise Barrer
(Calle 127 - Calle 79)

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THE REPUBLIC OF COLOMBIA

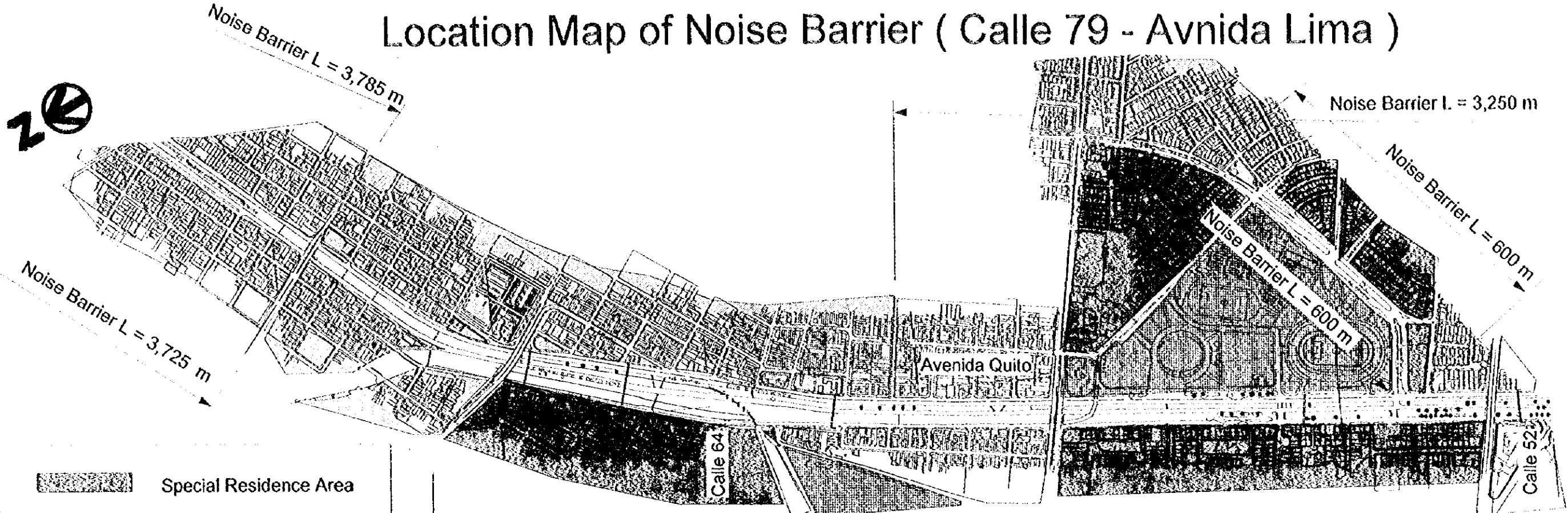
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OF SANTA FE DE BOGOTA IN THE REPUBLIC OF COLOMBIA

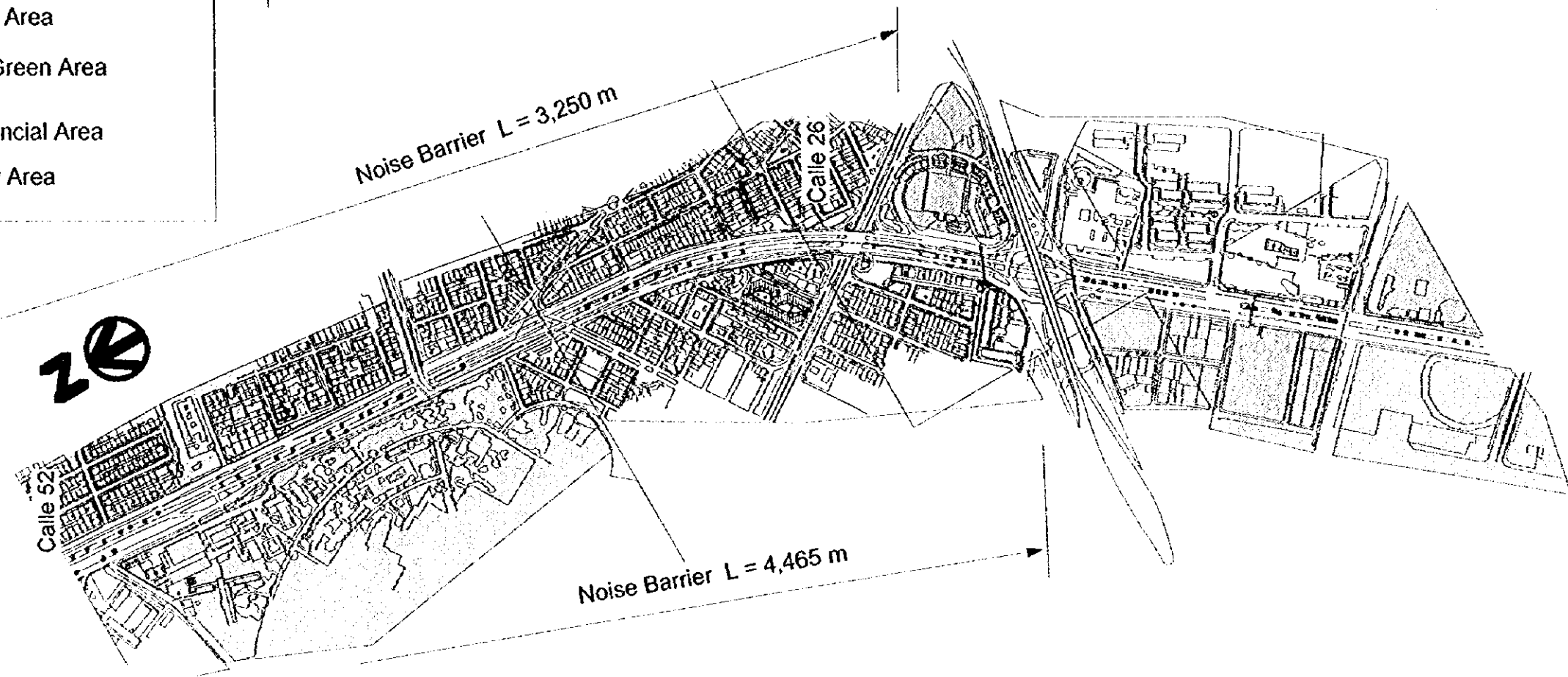
DATA
SCALE S = 1 : 10000

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Location Map of Noise Barrier (Calle 79 - Avnida Lima)



- Special Residence Area
- Residence Area
- Institute Area
- Urban Green Area
- Commercial Area
- Industry Area



Location Map of Noise Barrier
(Calle 79 - Avnida Lima)

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THE REPUBLIC OF COLOMBIA

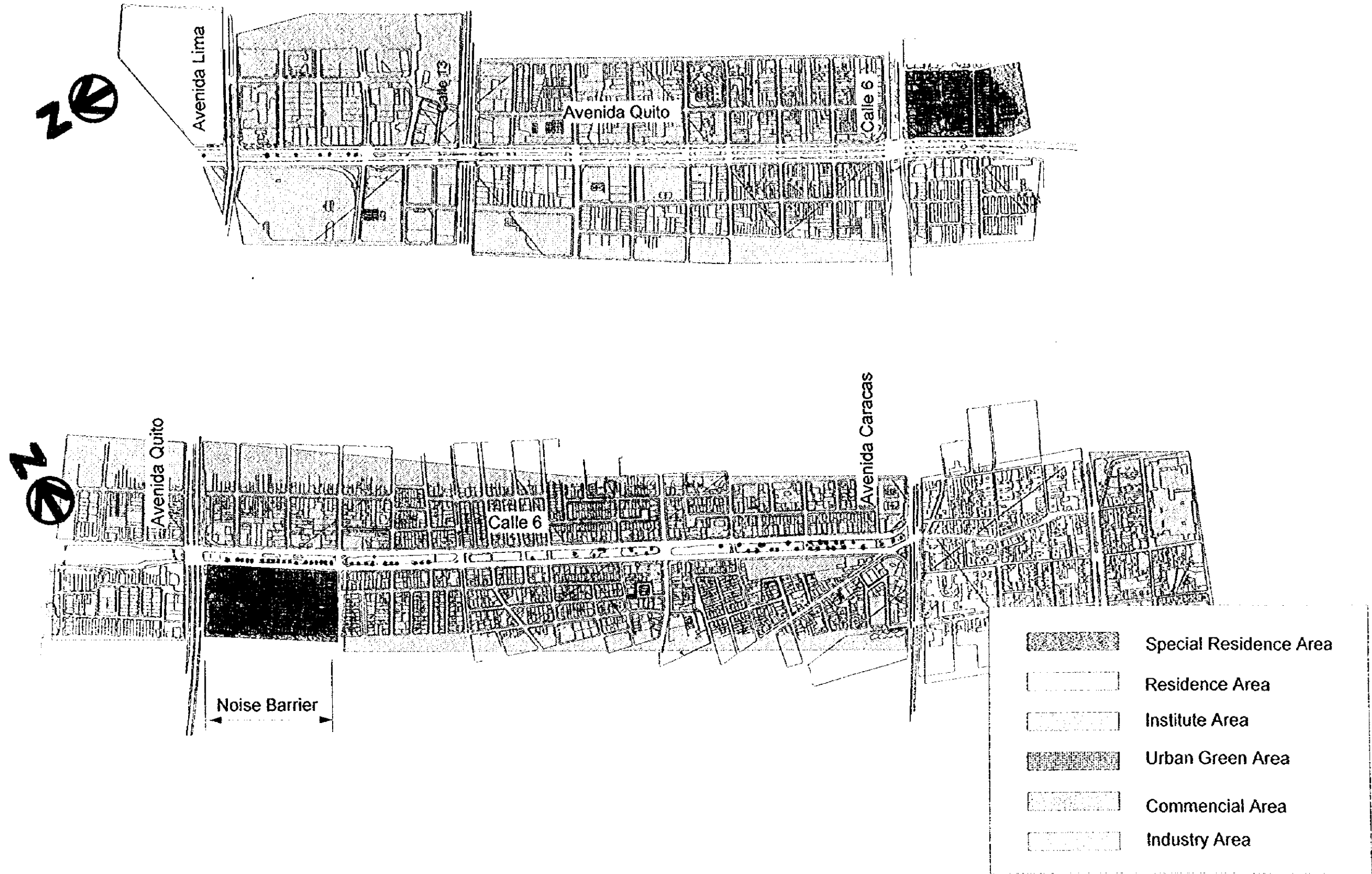
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DATA
SCALE S = 1 : 10000

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Location Map of Noise Barrier (Avenida Lima - Calle 6)



Location Map of Noise Barrier
(Avenida Lima - Calle 6)

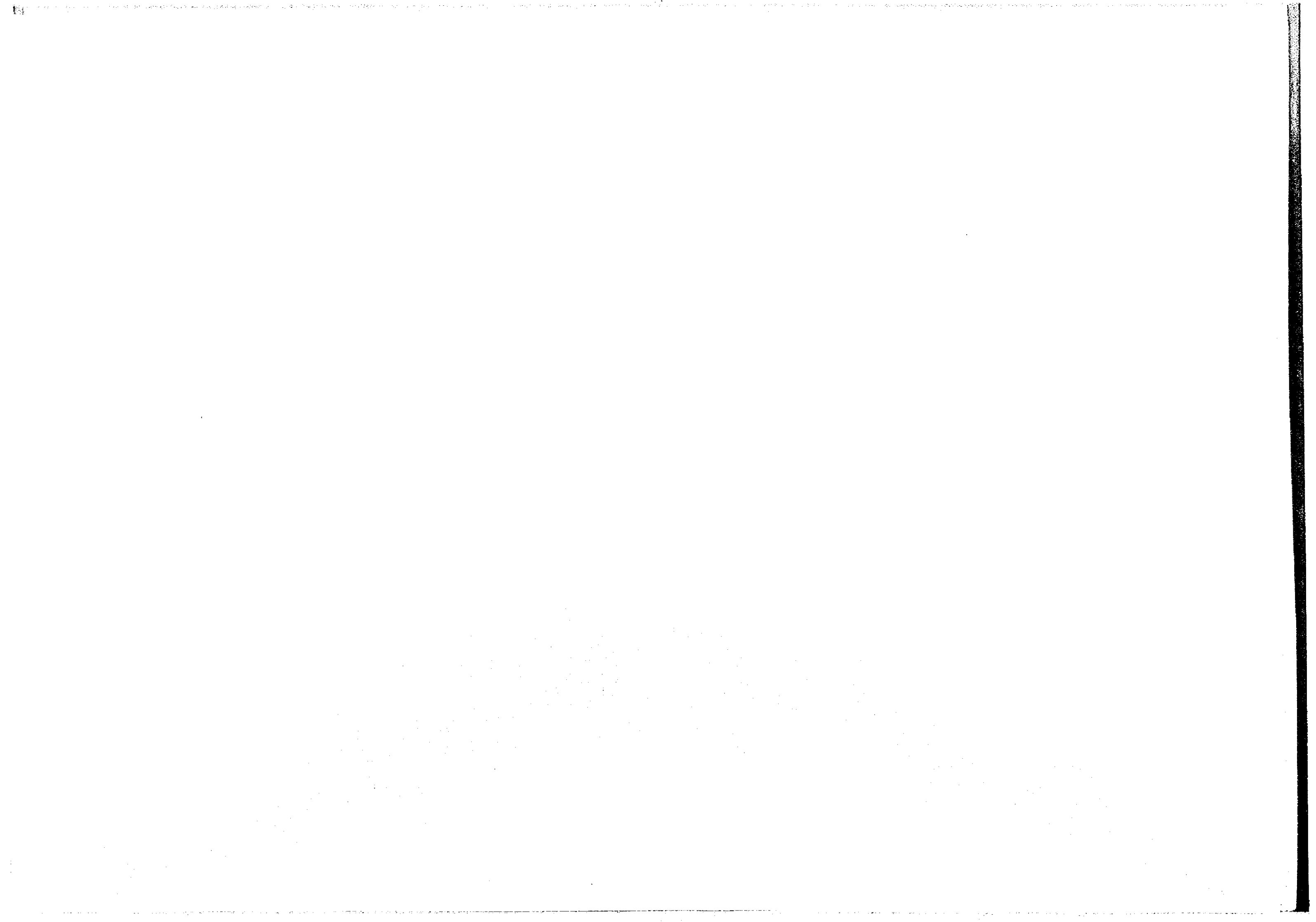
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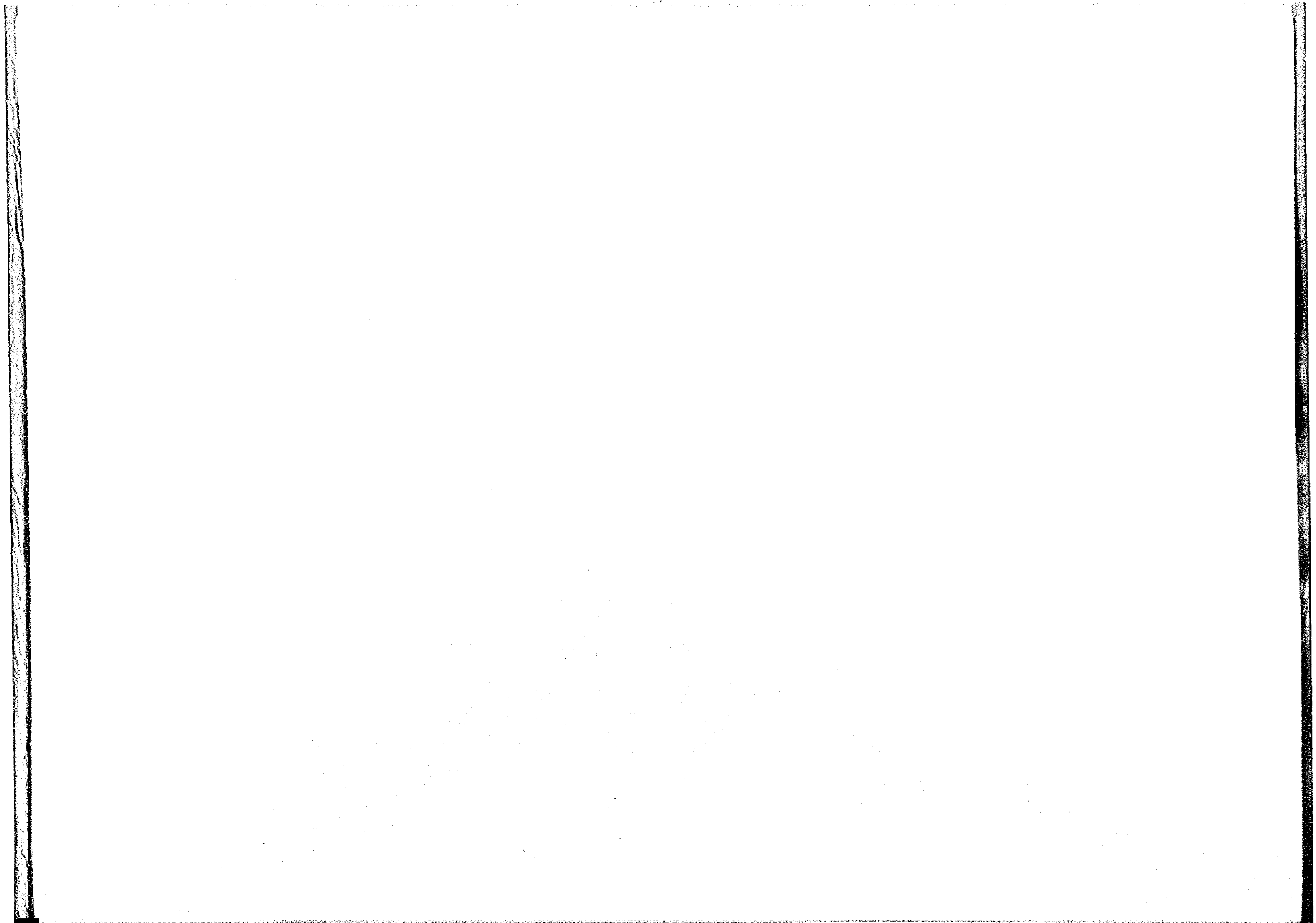
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