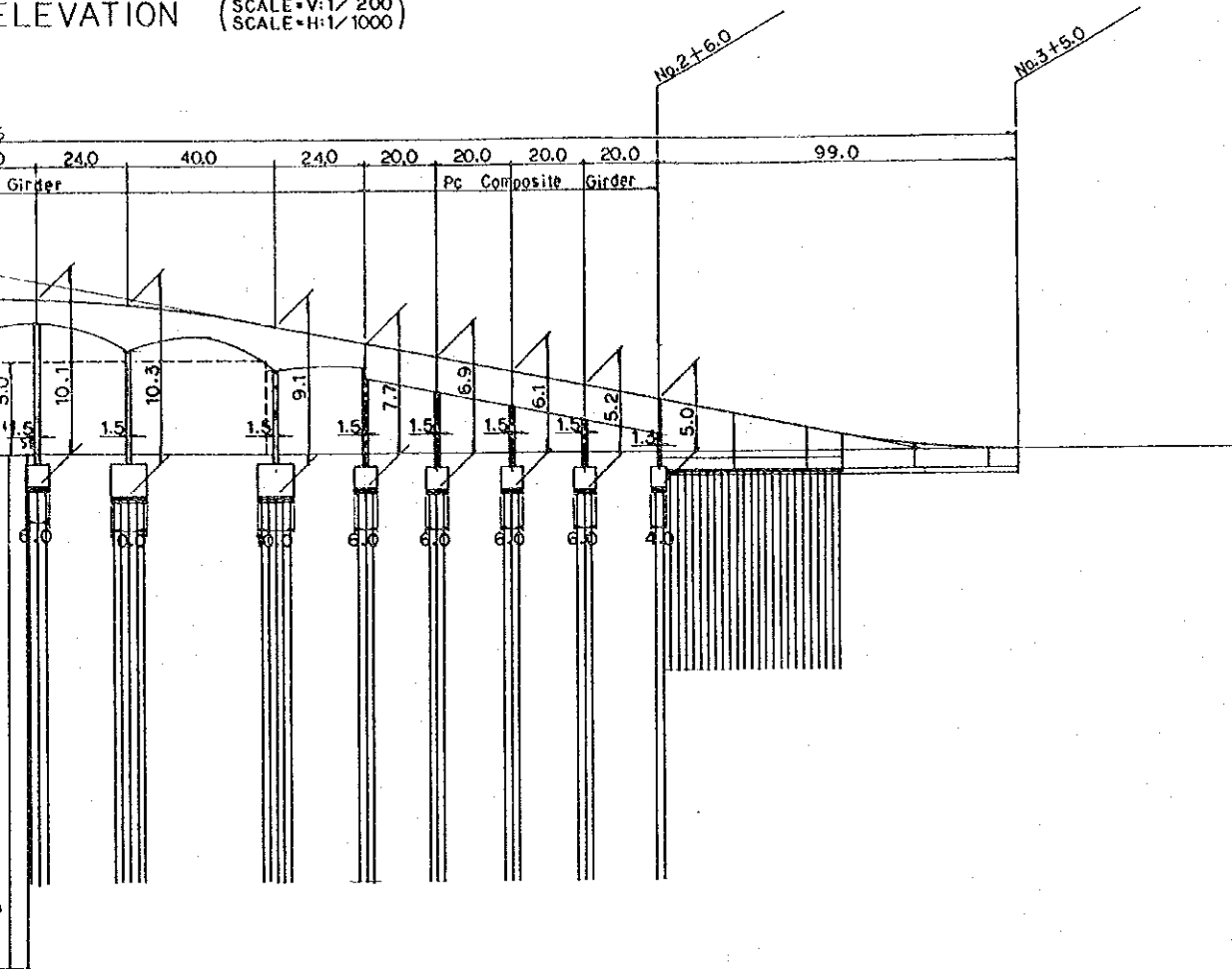
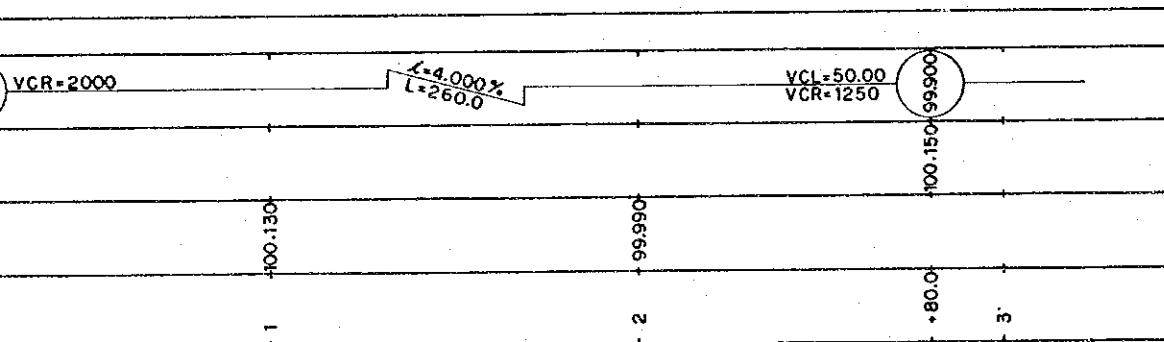
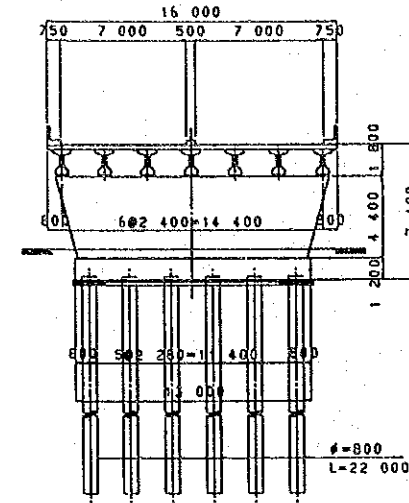


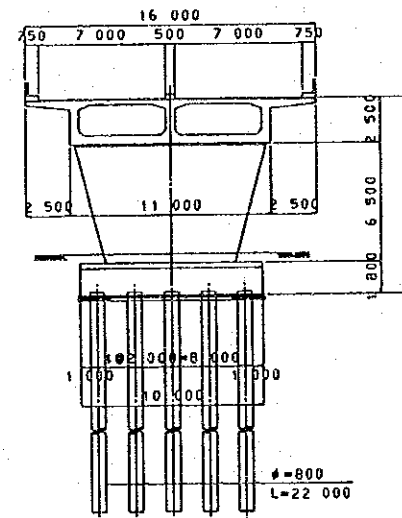
ELEVATION (SCALE=V:1/200)
(SCALE=H:1/1000)



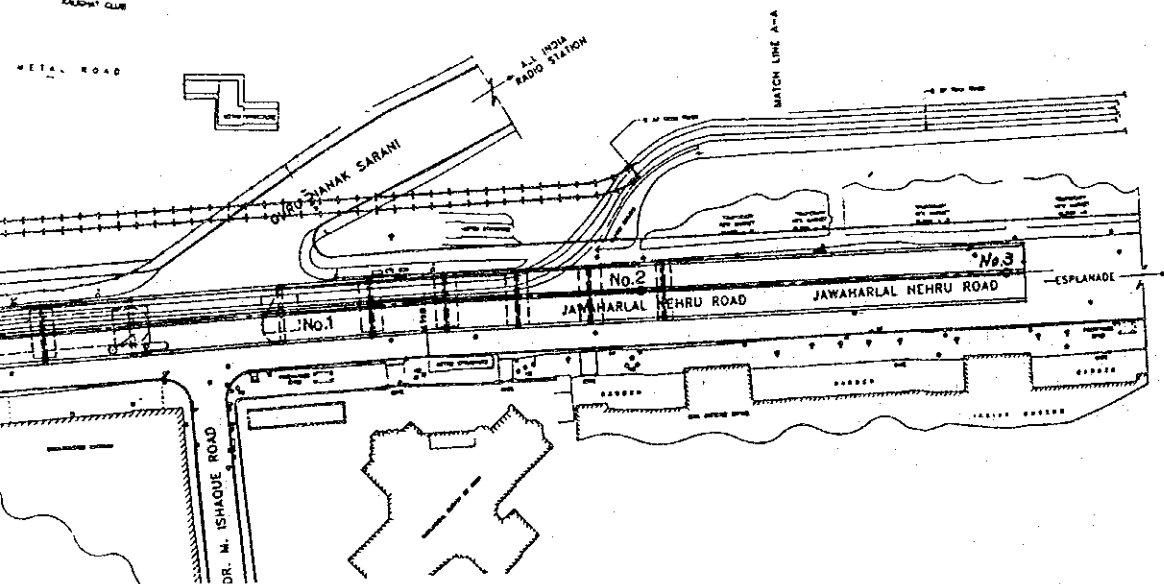
SECTION A-A (SCALE=1/200)



SECTION B-B (SCALE=1/200)



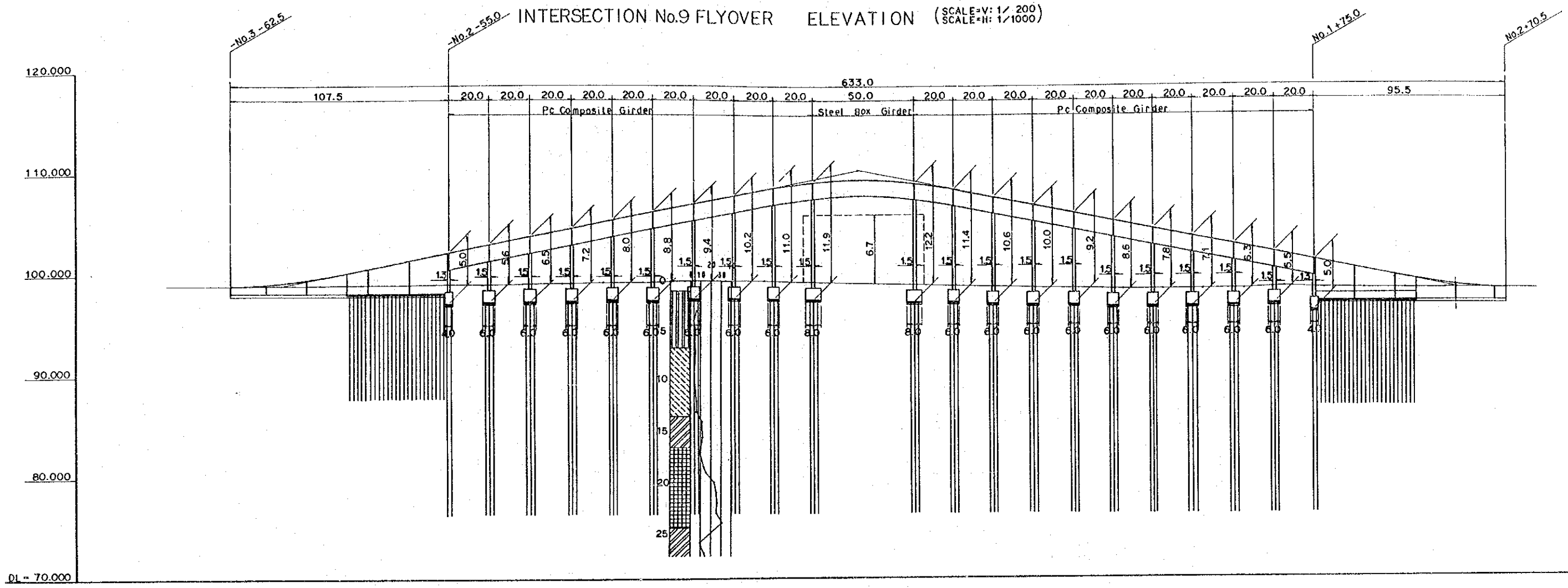
PLAN (SCALE = 1/1000)



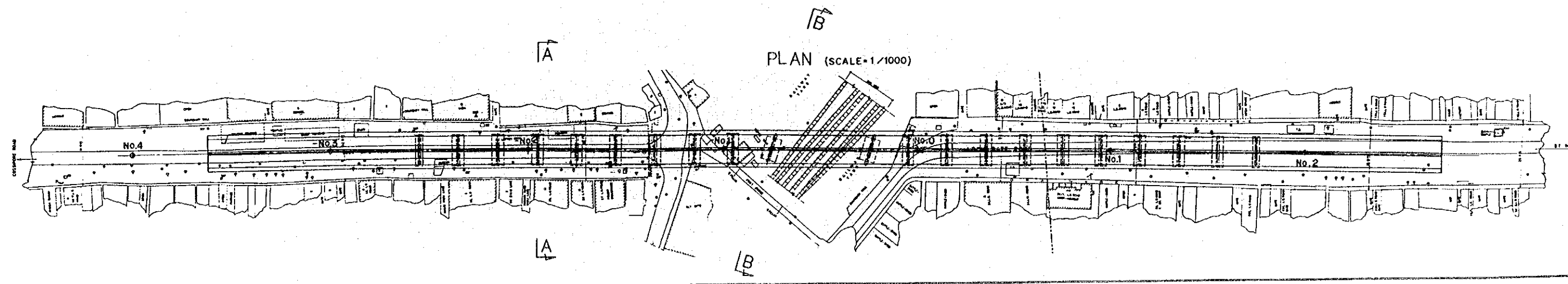
DESIGN DATA

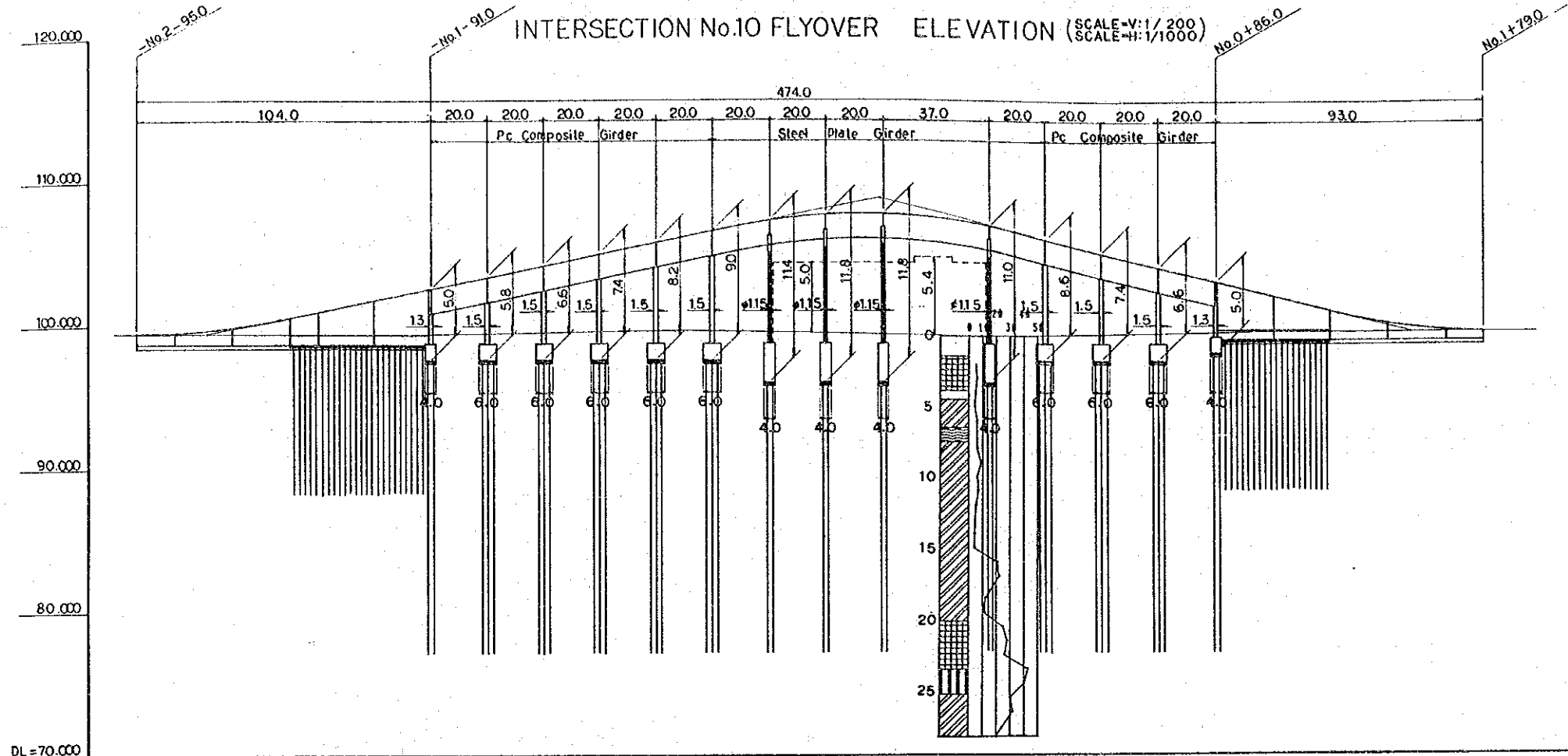
TYPE	PC BOX GIRDER	176.00 M
	PC COMPOSITE GIRDER	180.00 M
	STEEL BOX GIRDER	— M
	STEEL PLATE GIRDER	— M
TOTAL FLYOVER LENGTH	356.00 M	
CARRIAGEWAY WIDTH	14.00 M	
LIVE LOAD	CLASS-AA AND CLASS-A	
IMPACT COEFFICIENT	I=0.1 ≤ 40M, I=0.088 > 40M I=4.5/6+L	
SEISMIC COEFFICIENT	C=0.06	
STANDARD	I. R. C	

THE TRANSPORT INFRASTRUCTURE DEVELOPMENT PROJECT IN CALCUTTA IN WEST BENGAL, INDIA			
TITLE	INTERSECTION No. 8 NORTH-SOUTH FLYOVER		
DATE	AUGUST 1992	SCALE	
JAPAN INTERNATIONAL COOPERATION AGENCY	D. W. G No.		12

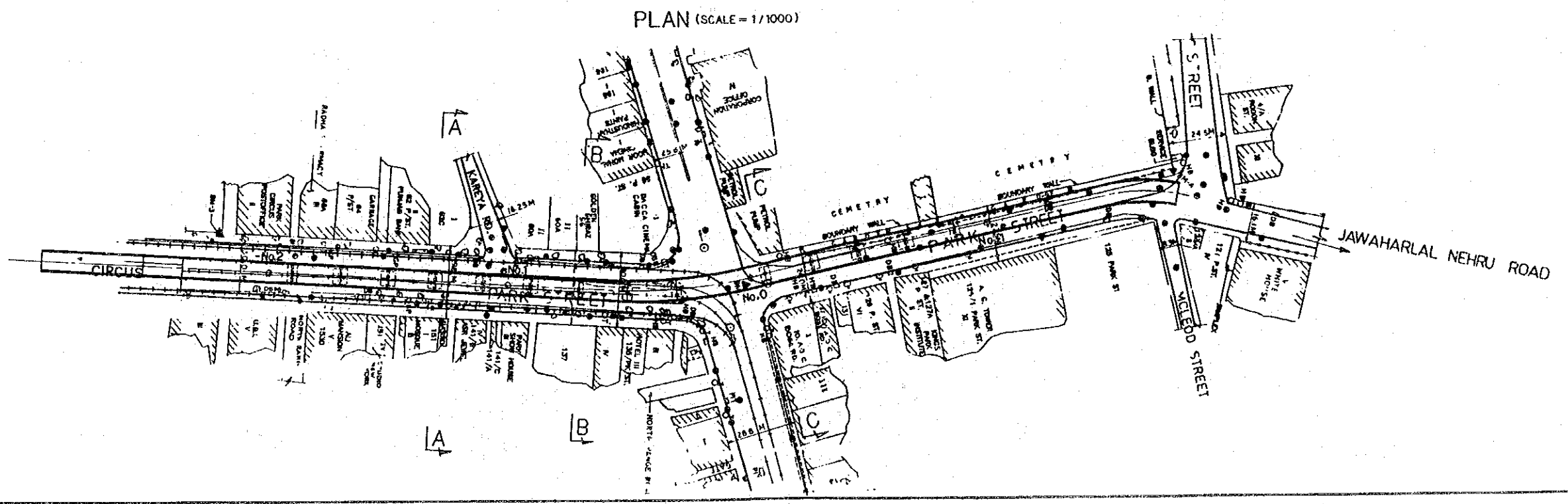


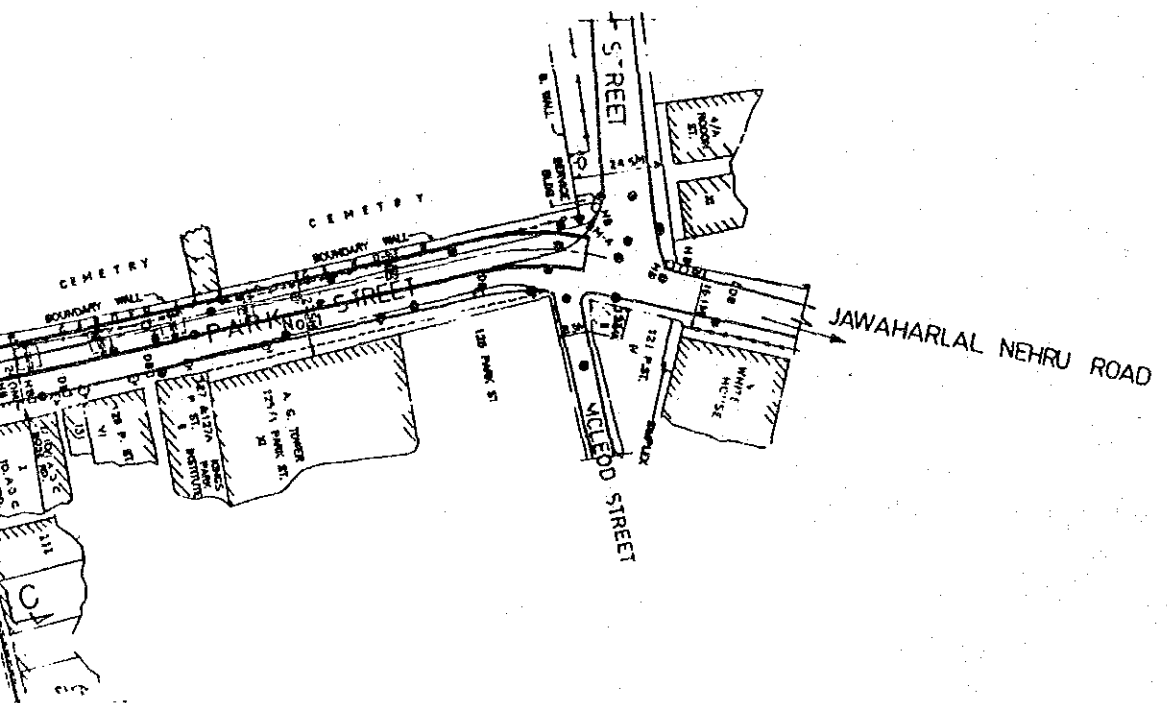
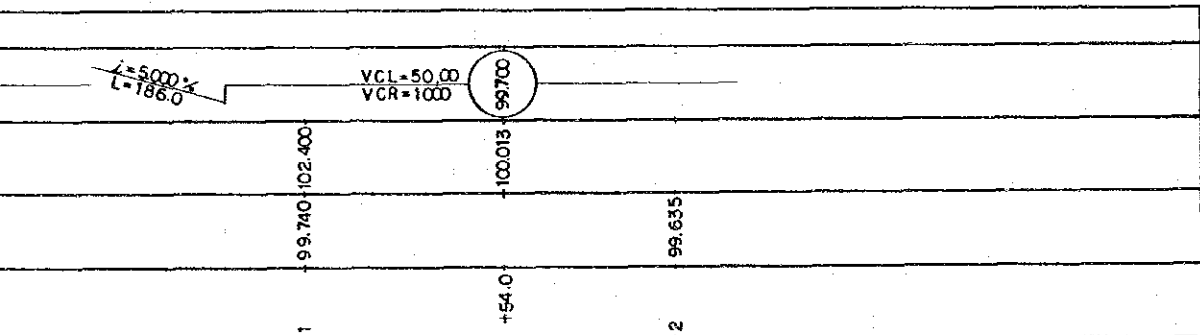
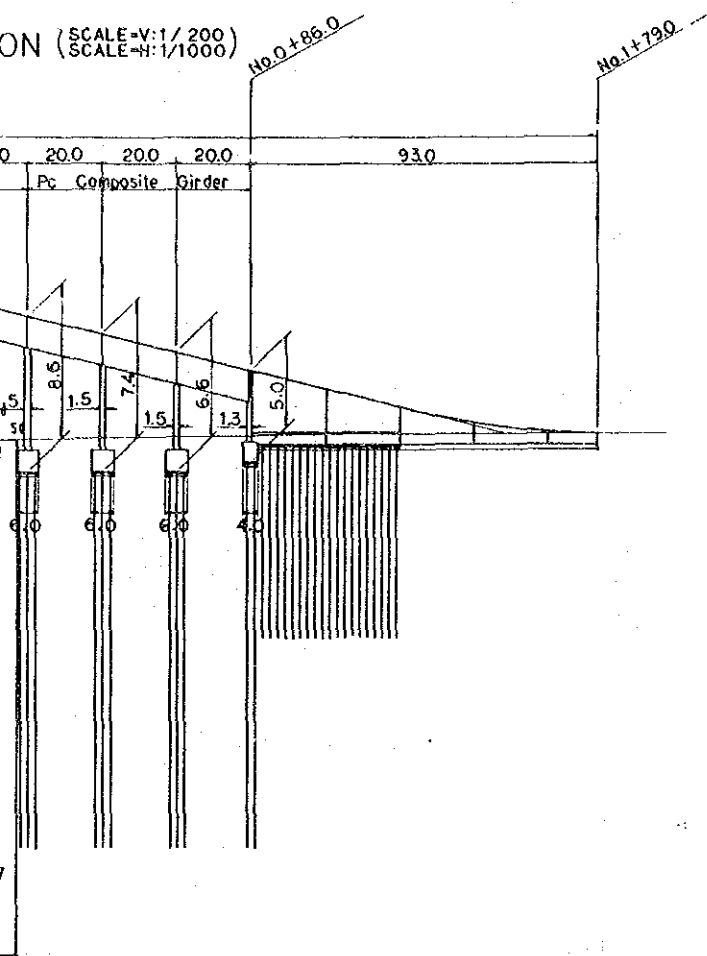
Chainage	Ground Height	Planning Height	Grade
-4	99.140		
-3.75		99.250	VCL=50.00 VCR=1250
-3	99.050	100.500	
-2	99.215	104.500	L=4000 L=285.0
-1	99.440		VCL=100.00 VCR=1250
-0.525		109.400	
0	99.000	108.304	
1	98.570	104.311	L=4000 L=2980
2	98.500	100.318	VCL=50.00 VCR=1250
+45.5		98.750	



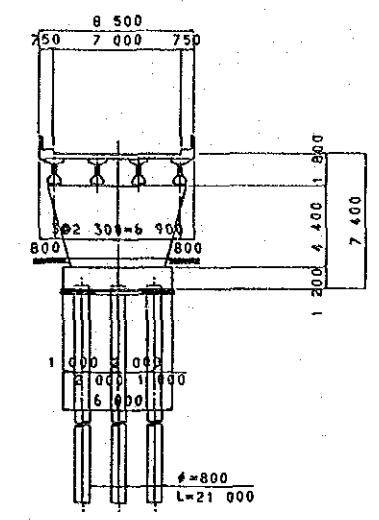


Station	Grade	Planning Height	Ground Height	Change
0+000	99.480	99.730	99.495	-3
0+100	VCL=50.00 VCR=1250	102.280	99.495	-2
0+200	L=4000% L=2380	106.280	99.765	1
0+300	VCL=100.00	109.000	107.875	-32.0
0+400	VCR=1120	107.875	99.360	0
0+500	L=5000% L=1860	102.400	99.740	1
0+600	VCL=50.00 VCR=1000	100.013	99.700	+51.0
0+700	99.700	99.635	99.635	2

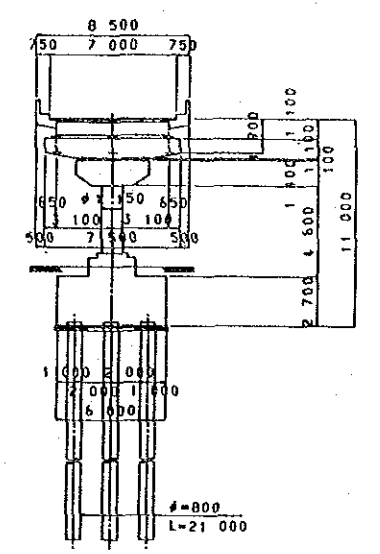




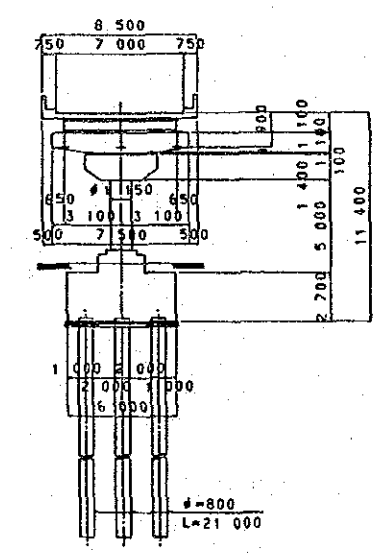
SECTION A-A (SCALE=1/200)



SECTION C-C (SCALE=1/200)



SECTION B-B (SCALE=1/200)



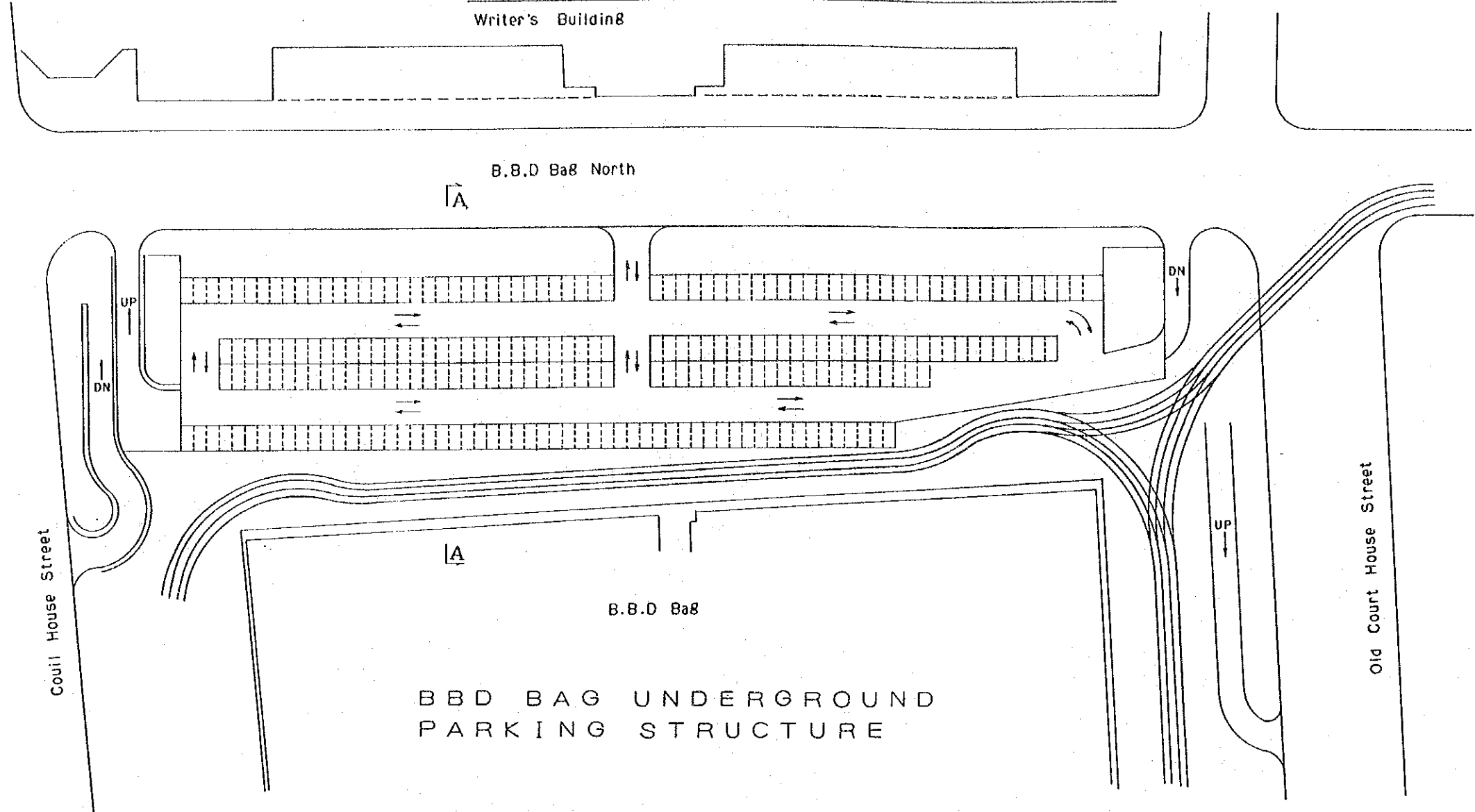
DESIGN DATA

TYPE	PC BOX GIRDER	— M
	PC COMPOSITE GIRDER	160.00 M
	STEEL BOX GIRDER	— M
	STEEL PLATE GIRDER	117.00 M
TOTAL FLYOVER LENGTH	277.00 M	
CARRIAGEWAY WIDTH	7.00 M	
LIVE LOAD	CLASS-AA AND CLASS-A	
IMPACT COEFFICIENT	I=0.1 ≤ 40M, I=0.088 > 40M I=4.5/6+L	
SEISMIC COEFFICIENT	C=0.06	
STANDARD	I. R. C	

THE TRANSPORT INFRASTRUCTURE DEVELOPMENT PROJECT IN CALCUTTA IN WEST BENGAL, INDIA			
TITLE	INTERSECTION No. 10 WEST-EAST FLYOVER		
DATE	AUGUST 1992	SCALE	
JAPAN INTERNATIONAL COOPERATION AGENCY			D. W. G No. 14

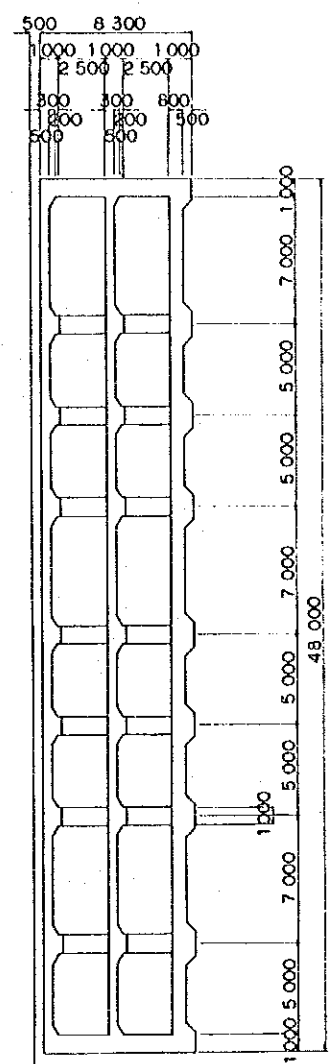
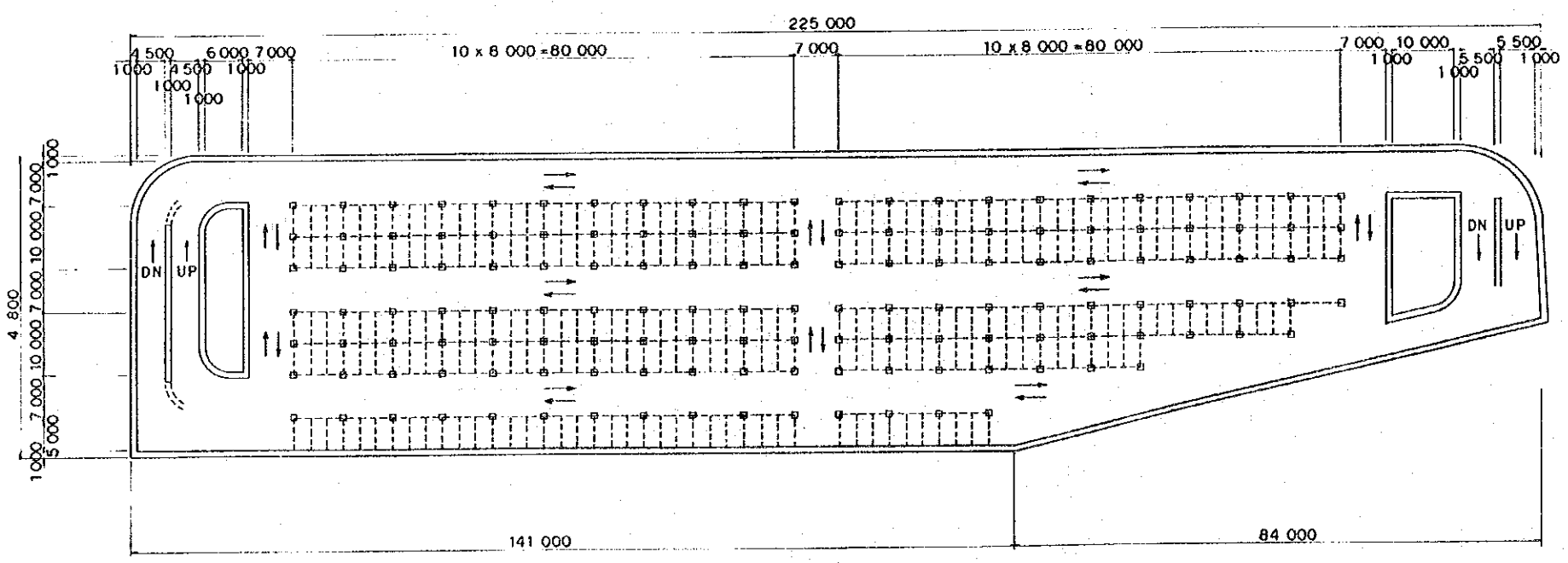
PARKING STRUCTURES

PLAN AT GROUND LEVEL (SCALE 1/500)



BBD BAG UNDERGROUND PARKING STRUCTURE

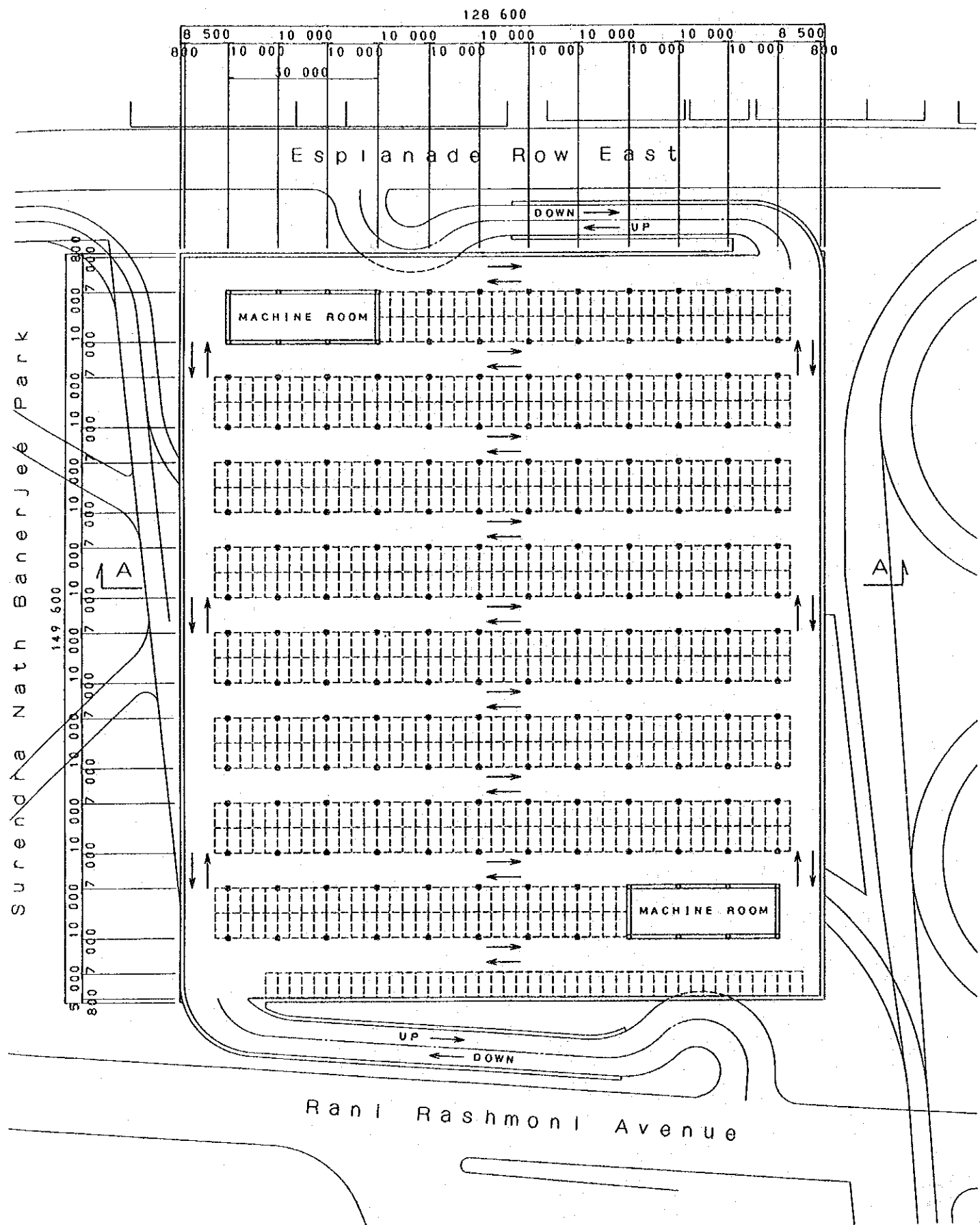
UNDERGROUND PLAN (SCALE 1/500)



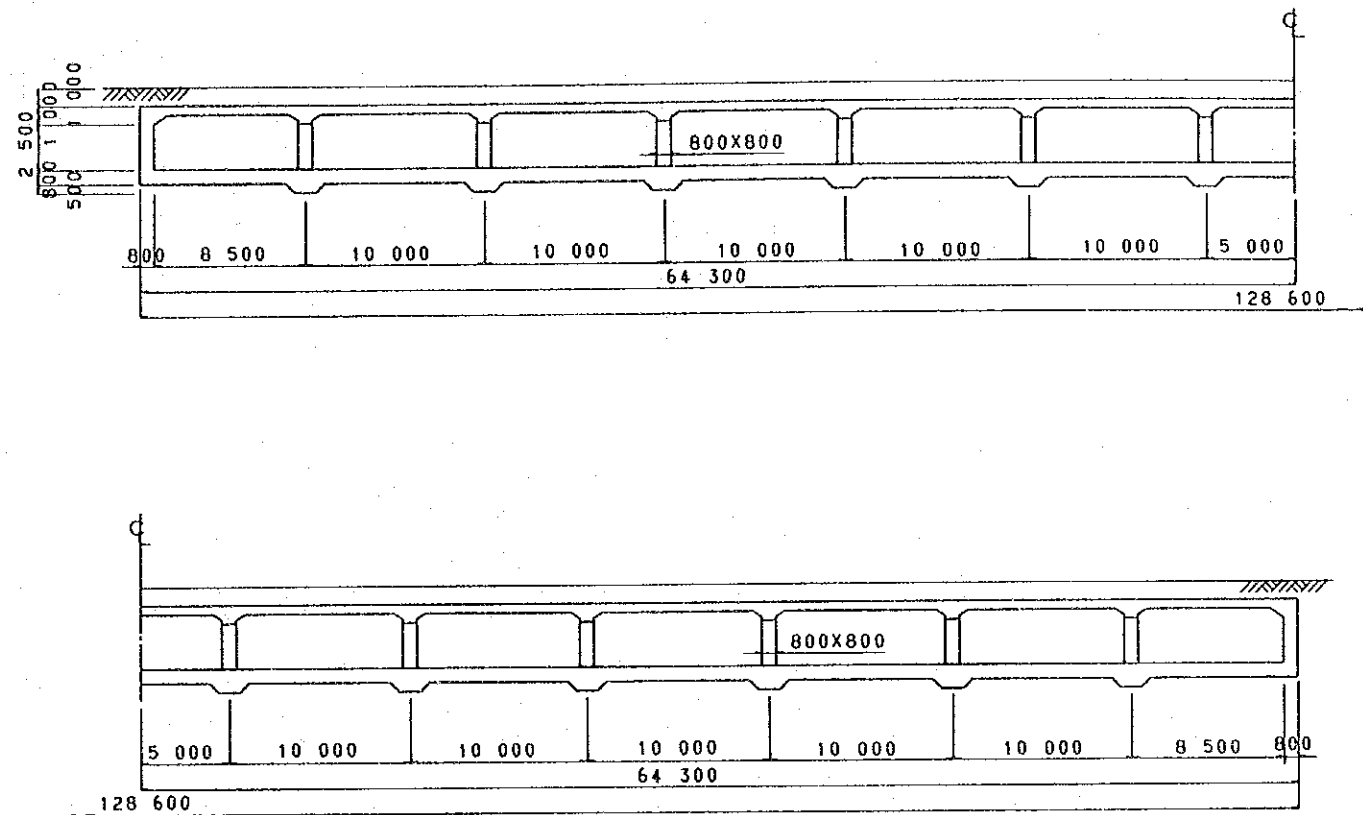
THE TRANSPORT INFRASTRUCTURE DEVELOPMENT PROJECT IN CALCUTTA IN WEST BENGAL, INDIA			
TITLE	BBD BAG UNDERGROUND PARKING STRUCTURE		
DATE	AUGUST 1992	SCALE	
JAPAN INTERNATIONAL COOPERATION AGENCY			D. W. O No.
			15

ESPLANADE UNDERGROUND PARKING STRUCTURE

UNDERGROUND PLAN (SCALE=1/500)



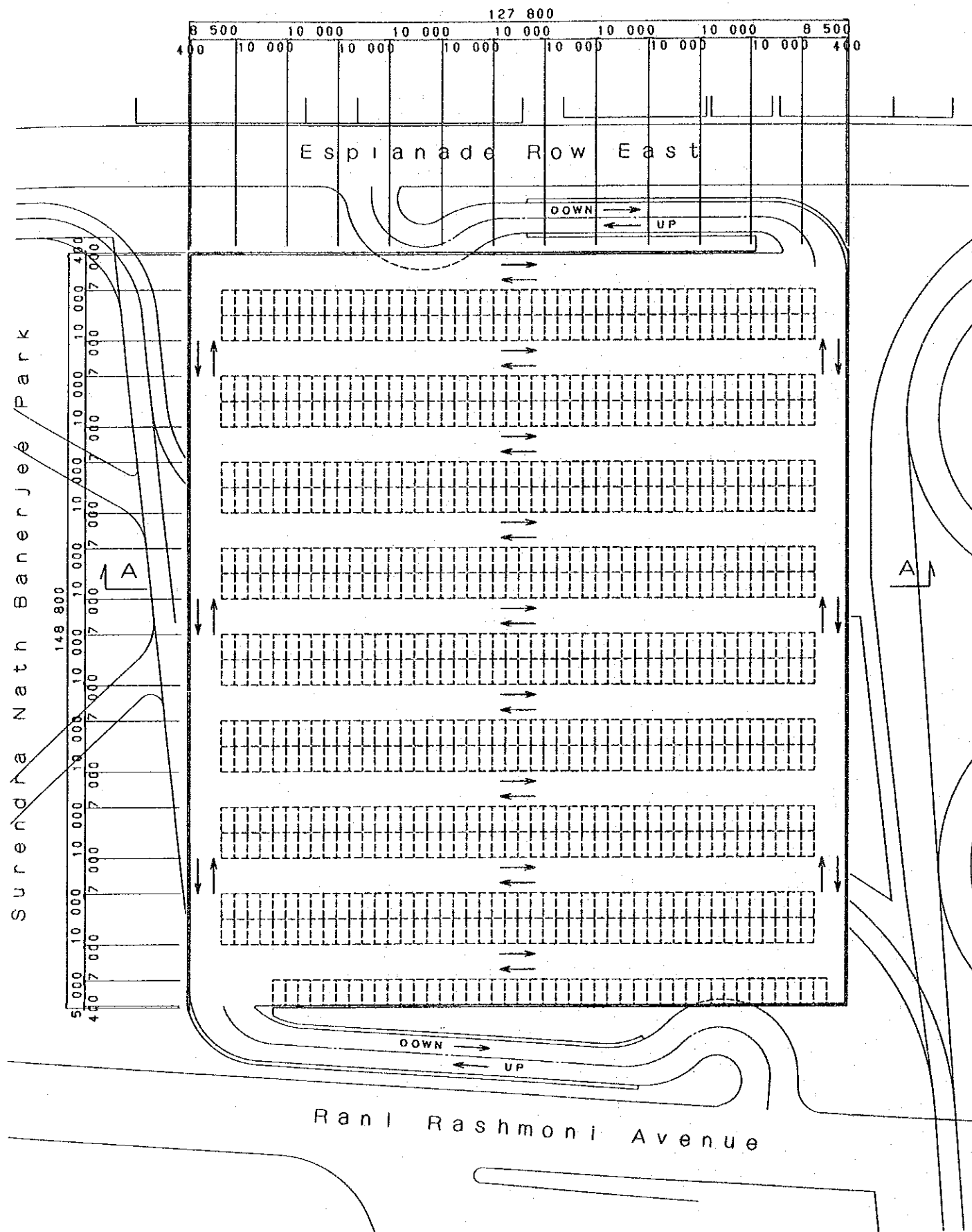
SECTION A-A (SCALE=1/200)



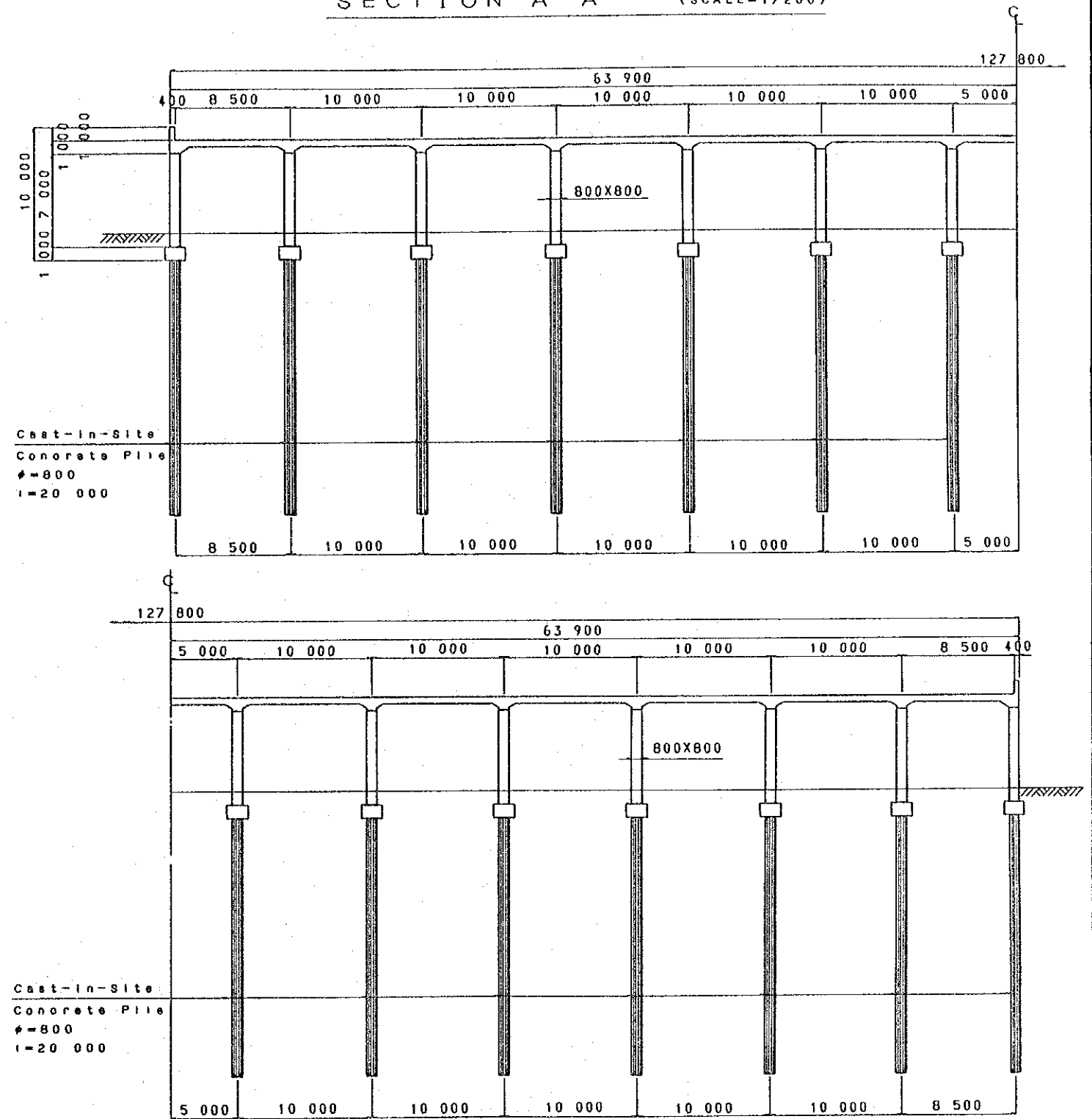
THE TRANSPORT INFRASTRUCTURE DEVELOPMENT PROJECT IN CALCUTTA IN WEST BENGAL, INDIA			
TITLE	ESPLANADE UNDERGROUND PARKING STRUCTURE		
DATE	AUGUST 1992	SCALE	
JAPAN INTERNATIONAL COOPERATION AGENCY			D. W. G No. 16

ESPLANADE OVERHEAD PARKING STRUCTURE

OVERHEAD PLAN (SCALE=1/500)



SECTION A-A (SCALE=1/200)



THE TRANSPORT INFRASTRUCTURE
DEVELOPMENT PROJECT IN CALCUTTA IN
WEST BENGAL, INDIA

TITLE ESPLANADE OVERHEAD
PARKING STRUCTURE

DATE AUGUST 1992 SCALE

JAPAN INTERNATIONAL COOPERATION
AGENCY

D. W. O
No.

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