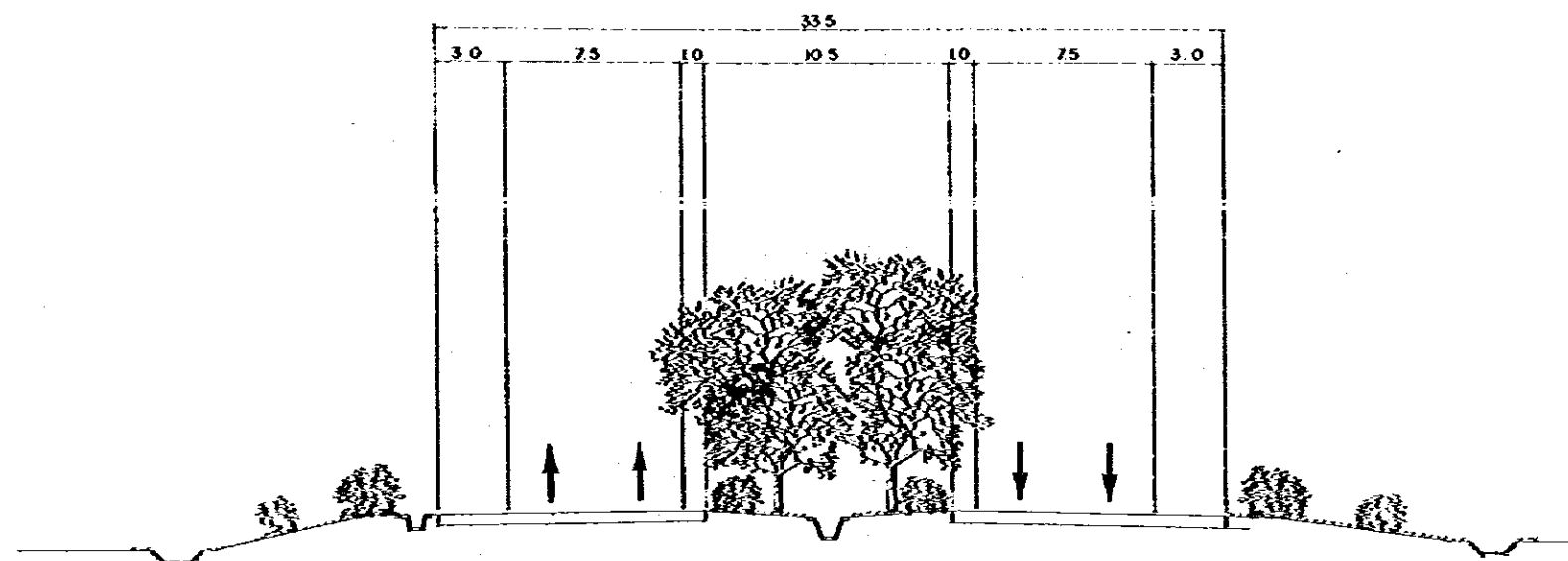
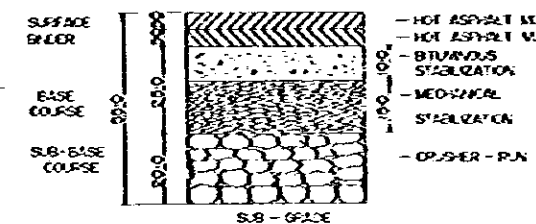


# TOLL EXPRESS WAY ACCESS

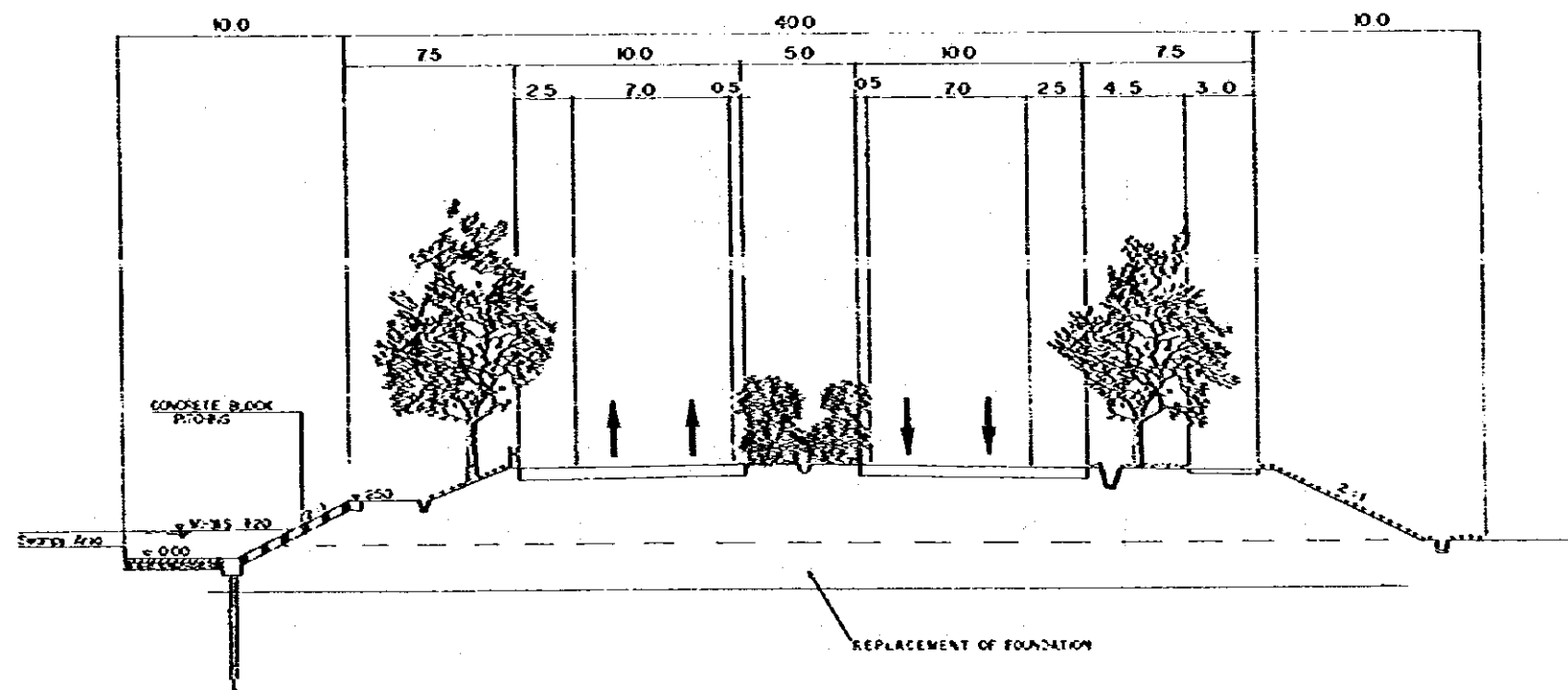
## PORT ACCESS -- J.PANDAN



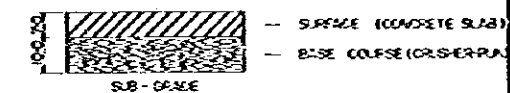
### CARRIAGE WAY



## J. PANDAN -- SOUTHERN LINK



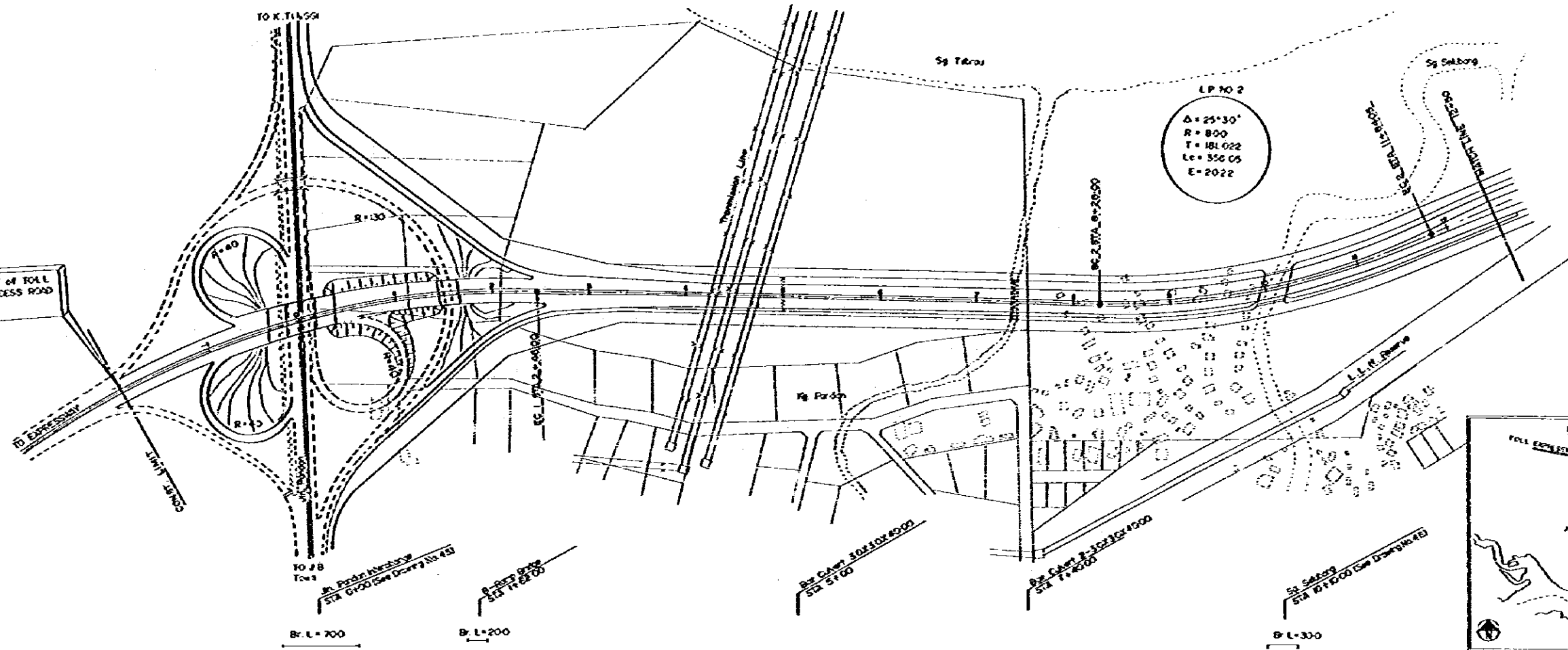
### SIDE-WALK



PROJECT	DRAWING TITLE	SCALE	TOTAL SHEET
TOLL EXPRESSWAY ACCESS	TYPICAL CROSS-SECTION		41

PLAN  
SCALE 1:2500

START'S POINT OF TOLL  
EXPRESSWAY ACCESS ROAD  
STA = 2+000  
PVI = 7000



PROFILE  
SCALE V=1:500  
H=1:2500

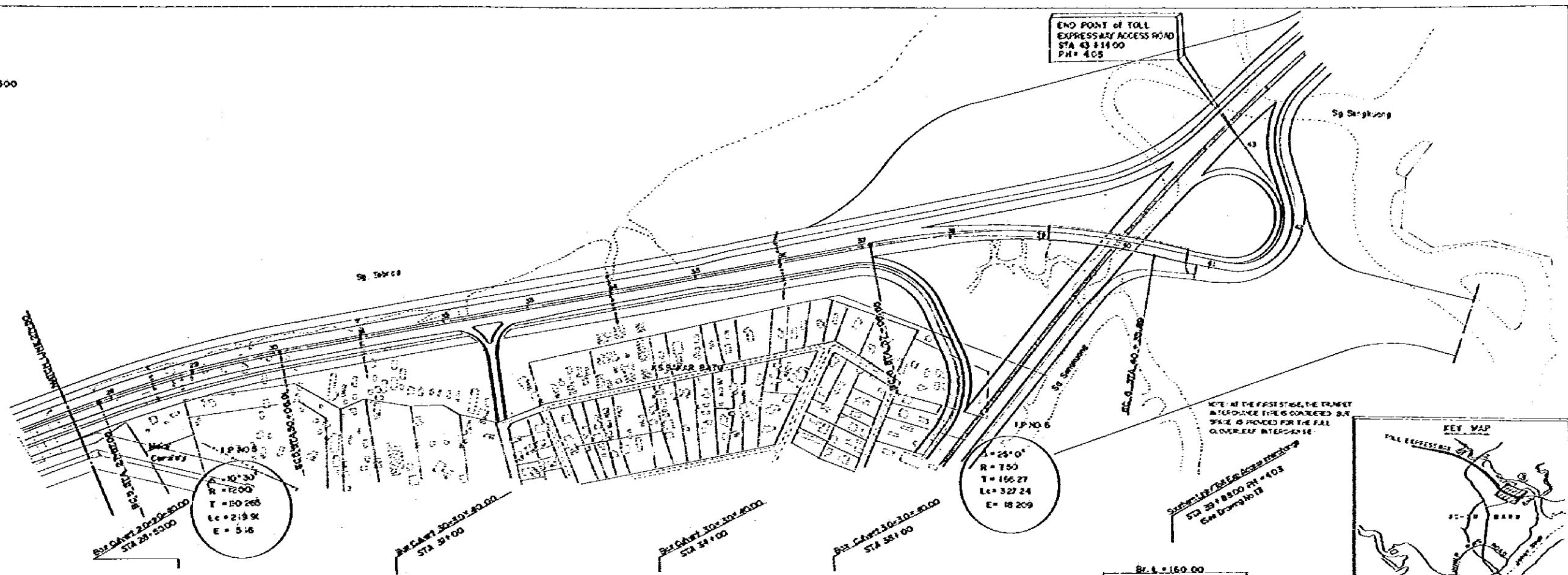
DL = -30

PROPOSED HEIGHT (m)	EMBANKMENT HEIGHT (m)	CUTTING DEPTH (m)	GROUND HEIGHT (m)	ACCUMULATE DISTANCE (m)	DISTANCE (m)	STATION	CURVE (m)
7.000	0.5		0.5	-9000.00	0+000.00	-2	
6.000	0.5		0.5	-10000.00	0+000.00	-1	
6.800	7.8		2.4	0.00	0+000.00	0	R=300
6.600	7.8		2.0	100.00	1+000.00	1	LP NO 1
6.400	6.8		1.5	200.00	2+000.00	2	L=246.00
6.400	6.4		1.2	300.00	3+000.00	3	
4.800	3.8		0.7	400.00	4+000.00	4	
3.200	2.6		0.4	500.00	5+000.00	5	L=322.00
3.000	2.0		0.6	600.00	6+000.00	6	
3.000	3.0		0.6	700.00	7+000.00	7	
4.000	3.5		0.5	800.00	8+000.00	8	
4.320	4.0		0.5	828.00	8+28.00	8	LP NO 2
4.700	4.3		0.5	900.00	9+000.00	9	R=300
4.600	4.1		0.5	1000.00	10+000.00	10	LP NO 2
4.300	2.7		0.5	1000.00	10+000.00	10	L=356.05
				1040.00	10+400.00	11	
				1000.00	10+000.00	11	
				1040.00	10+400.00	12	
				1000.00	10+000.00	12	L=15.96

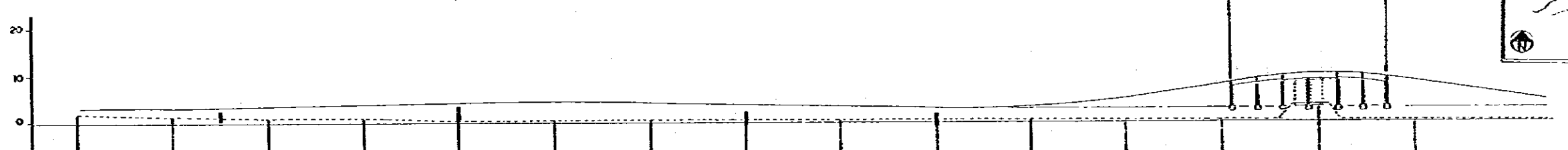
PROJECT TOLL EXPRESSWAY ACCESS ROAD	DRAWING TITLE PLAN & PROFILE	SCALE 1/3	TOTAL SHEET 42
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PLAN  
SCALE 1:2500

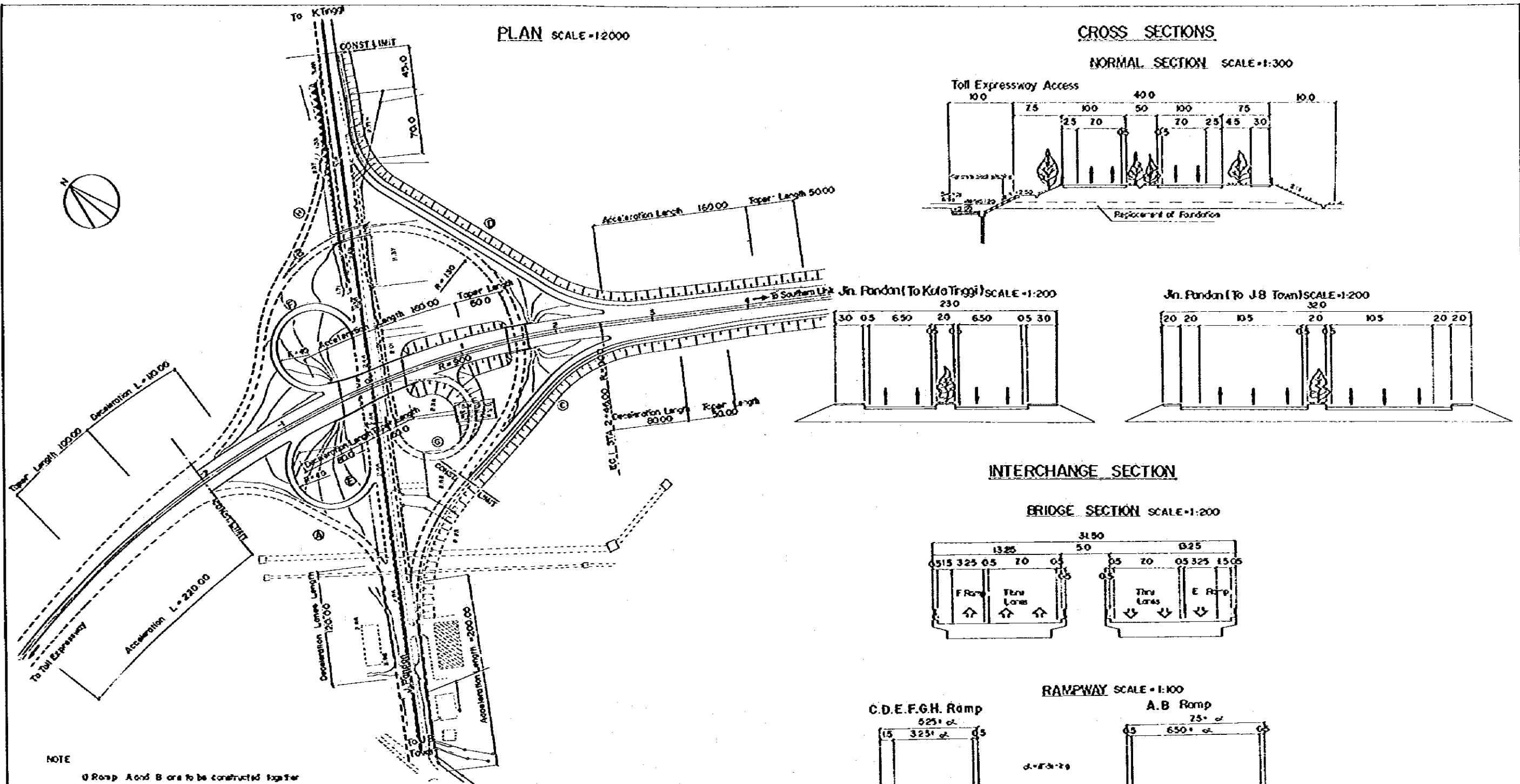


PROFILE  
SCALE: V=1:500  
H=1:2500



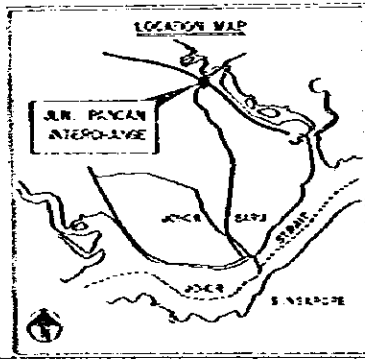
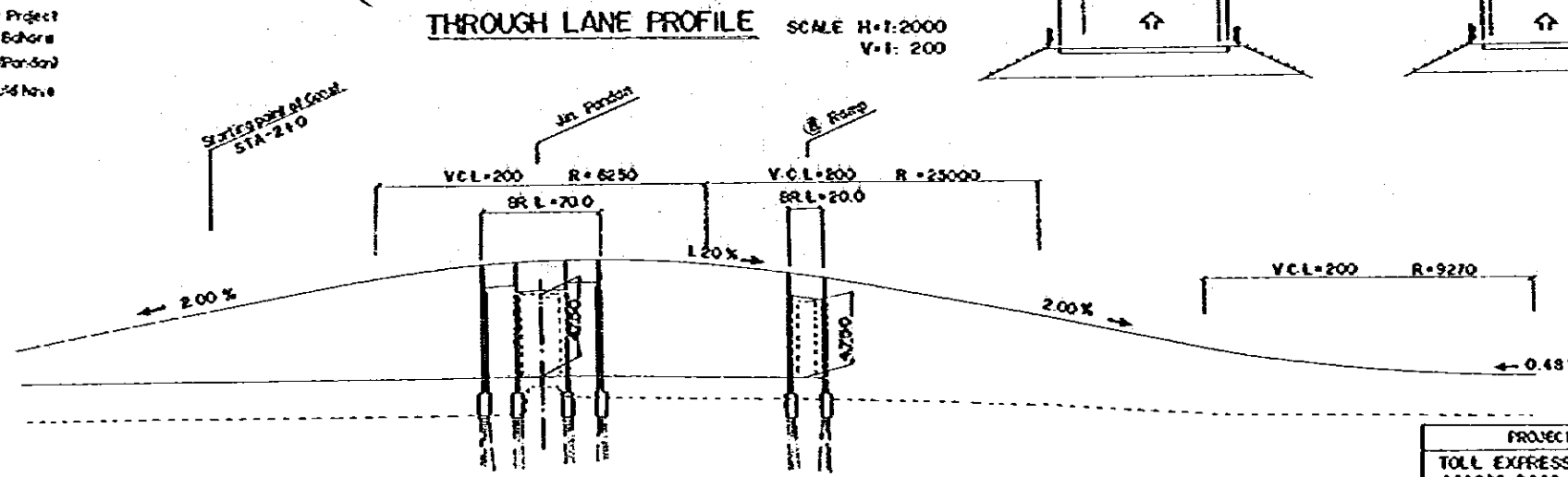
PROPOSED HEIGHT (m)	EMBAKMENT HEIGHT (m)	CUTTING DEPTH (m)	GROUND HEIGHT (m)	ACCUMULATE DISTANCE (m)	DISTANCE (m)	STATION	CURVE (m)
3.080	1.1		2.0	2700.00	100.00	27+00.00	L=87 R=1200
3.220	1.7		1.5	2787.00	87.00	27+87.00	
3.040	2.3		1.2	2800.00	13.00	28+13.00	
2.860	2.8		1.0	2800.00	0.00	28+00.00	L=219.91
4.180	3.7		0.5	2900.00	100.00	29+00.00	
4.280	3.8		0.5	3000.00	100.00	30+00.00	
4.100	3.6		0.5	3100.00	100.00	31+00.00	
3.700	2.2		0.5	3200.00	100.00	32+00.00	
3.300	2.8		0.5	3300.00	100.00	33+00.00	
2.900	2.4		0.5	3400.00	100.00	34+00.00	
3.800	2.9		0.5	3500.00	100.00	35+00.00	
5.600	5.0		0.5	3600.00	100.00	36+00.00	
6.600	6.0		0.5	3700.00	100.00	37+00.00	
10.150	9.7		0.5	3800.00	100.00	38+00.00	
6.300	6.0		0.5	3900.00	100.00	39+00.00	
				4000.00	100.00	40+00.00	
				4020.00	20.00	40+20.00	
				4000.00	0.00	40+00.00	
				4000.00	0.00	40+00.00	

PROJECT	DRAWING TITLE	SCALE	TOTAL SHEET
TOLL EXPRESSWAY ACCESS ROAD	PLAN & PROFILE 3/3		44

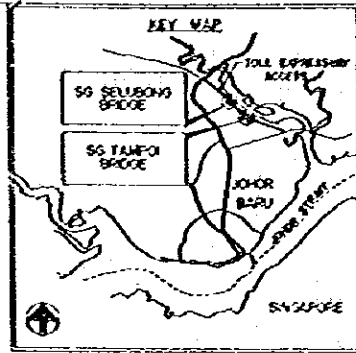


**NOTE**

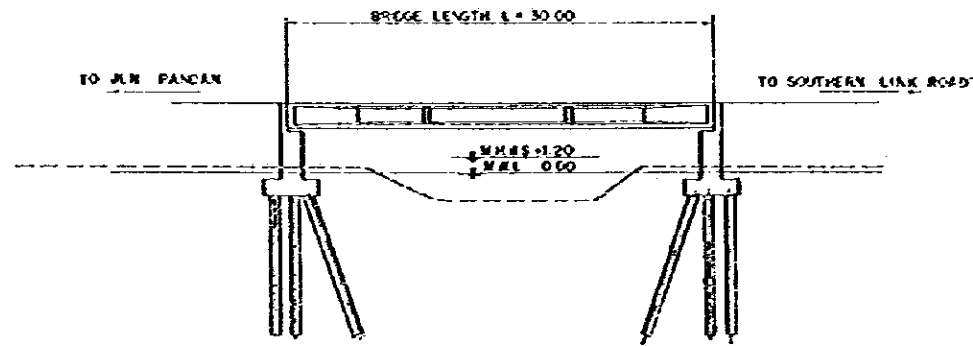
- Ramp A and B are to be constructed together with the North-South Toll Expressway Project
- Prior to the construction of the Johor Bahru Toll Expressway Access, the Jn. Pandan Interchange Widening Project (6 lanes expansion) would have already been implemented.



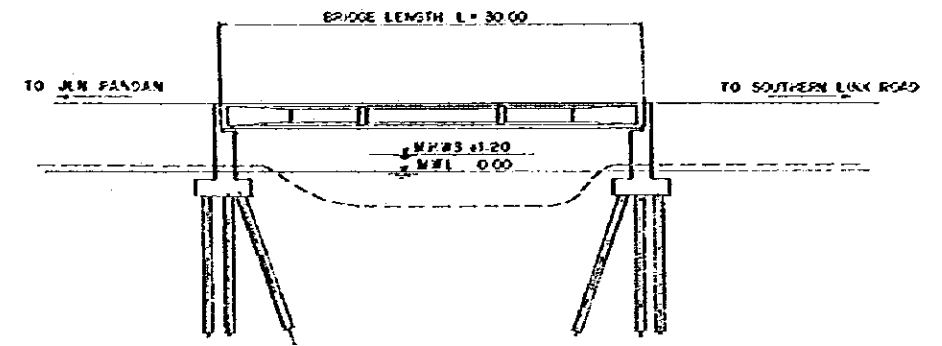
PROJECT	DRAWING TITLE	SCALE	TOTAL SHEET
TOLL EXPRESSWAY ACCESS ROAD	JALAN PANDAN INTERCHANGE		45



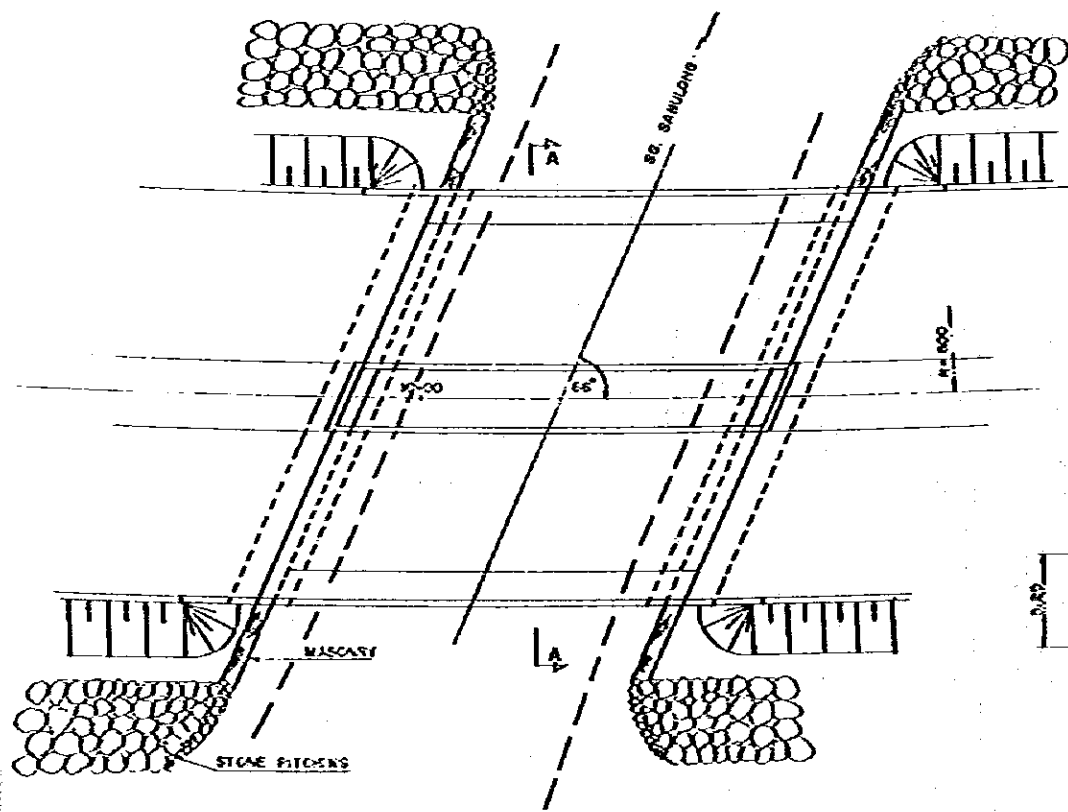
GENERAL VIEW 1:250



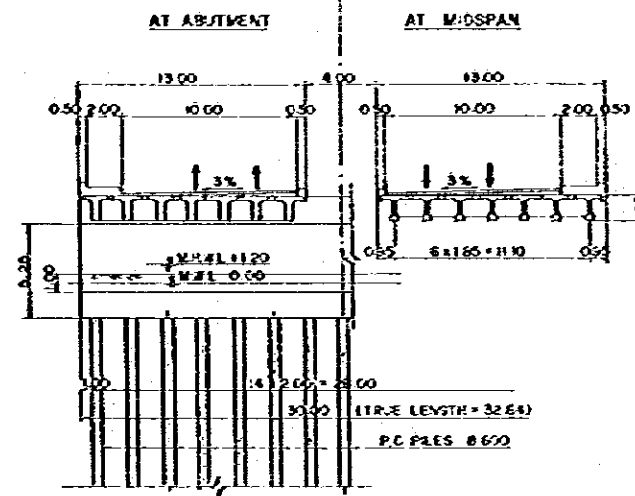
GENERAL VIEW 1:250



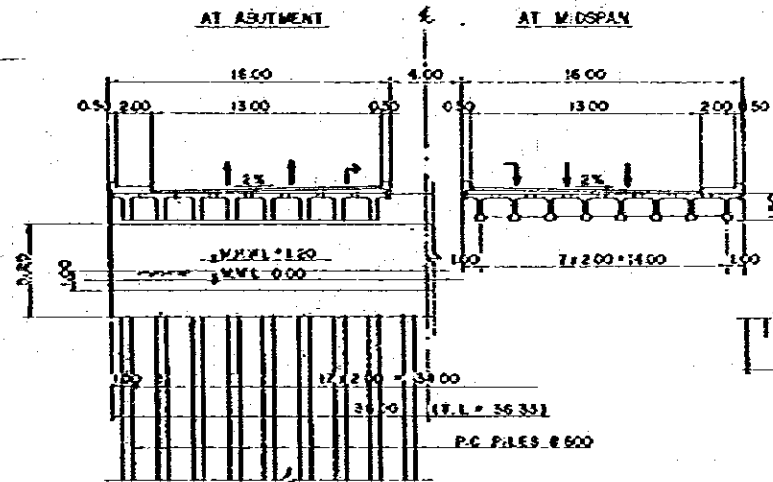
PLAN 1:250



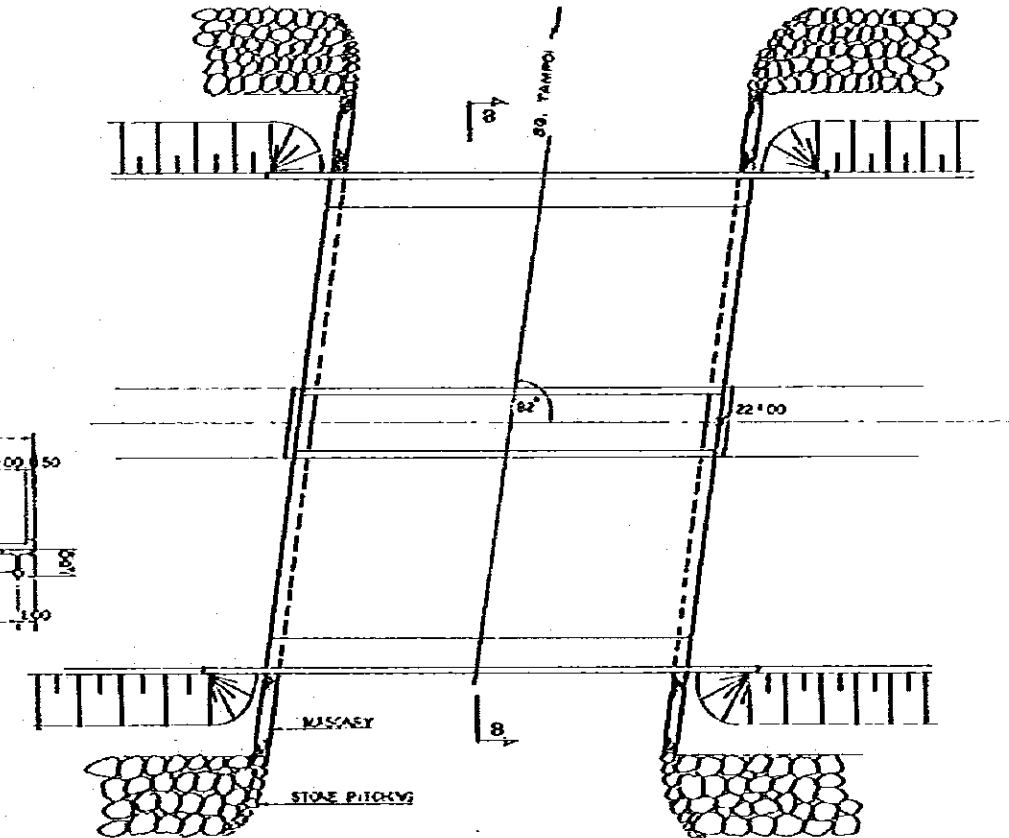
SECTION A-A 1:200



SECTION B-B 1:200



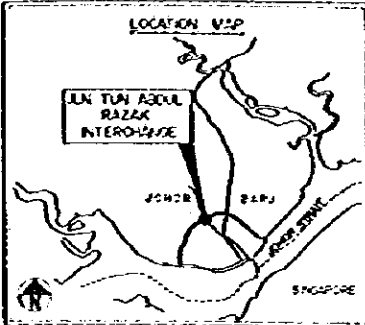
PLAN 1:250



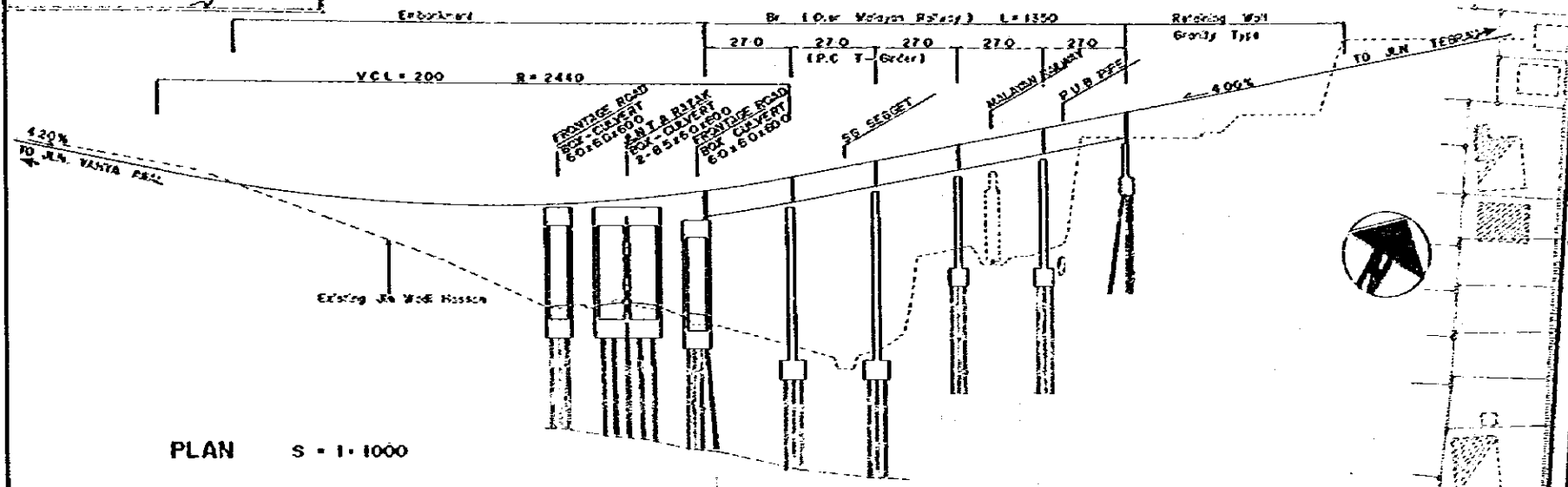
NOTE  
 THE Sg TAMPOI BRIDGE IS WIDER IN ORDER TO ALLOW FOR A U-TURN

PROJECT	DRAWING TITLE	SCALE	TOTAL SHEET
TOLL EXPRESSWAY ACCESS	SUNGAI SELUBONG BRIDGE SUNGAI TAMPOI BRIDGE GENERAL VIEW		46



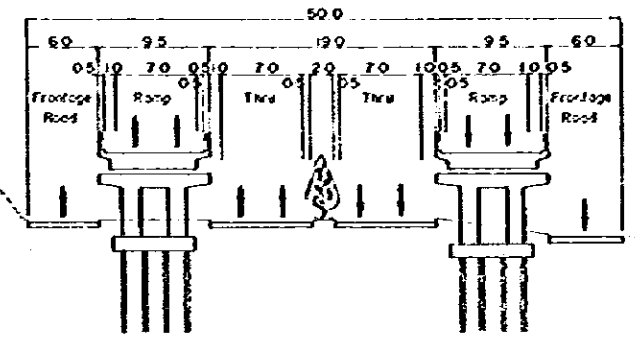


INNER RING ROAD PROFILE S · H = 1 · 1000  
V · I = 200

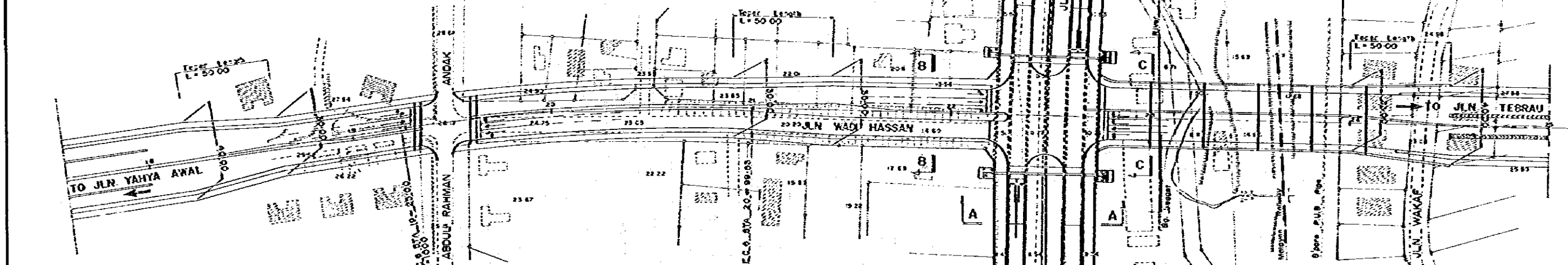
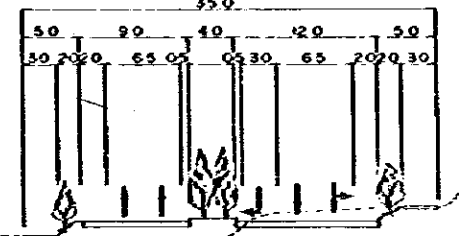


PLAN S · I = 1000

CROSS - SECTION  
SECTION A - A S · I · 300

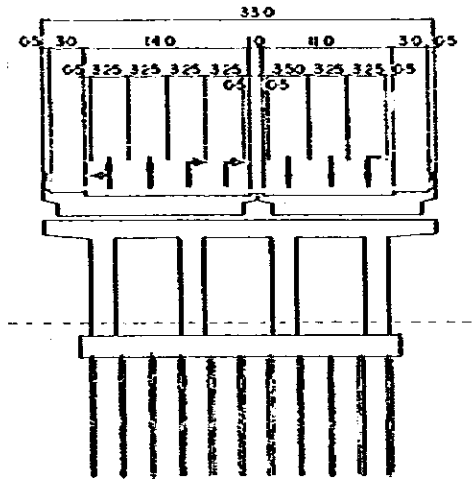


SECTION B - B S · I · 300



JLN TUN ABDUL RAZAK RAMP PROFILE S · H = 1 · 1000  
V · I = 200

SECTION C - C S · I · 300



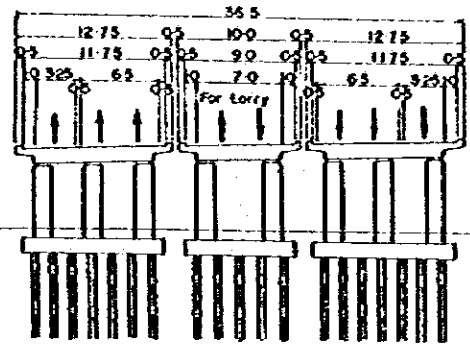
PROJECT	DRAWING TITLE	SCALE	TOTAL SHEET
INNER RING ROAD	JLN TUN ABDUL RAZAK INTERCHANGE		55



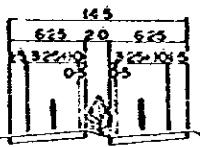




**BRIDGE** S : H = 1 : 300

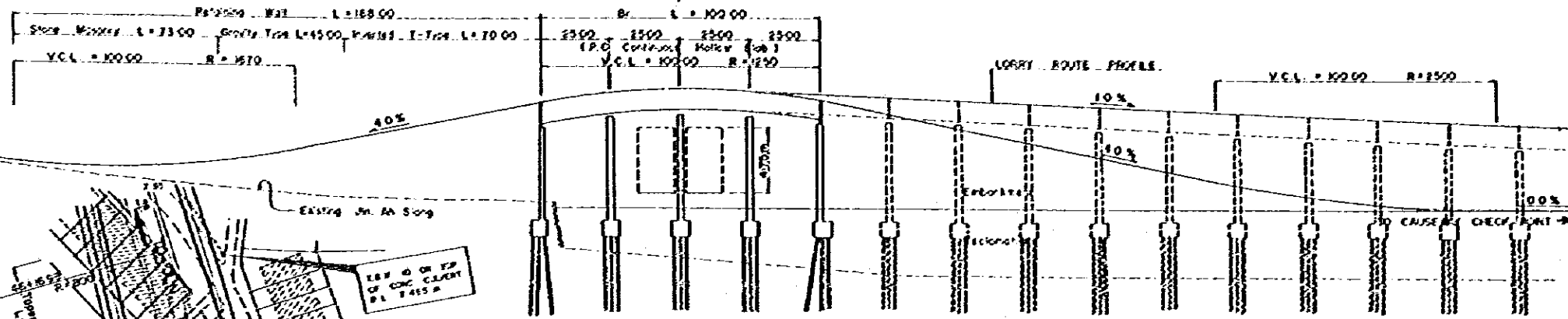


**RAMPWAY** S : H = 1 : 300



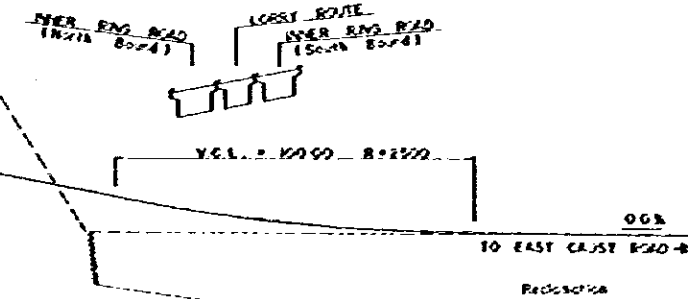
**INNER RING ROAD PROFILE** S : H = 1 : 1000

V : I = 200



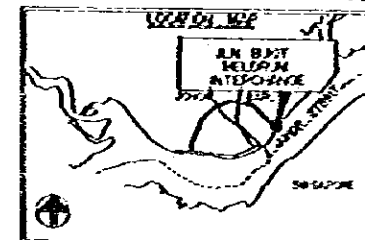
**JLN. BUKIT MELDRUM PROFILE** S : H = 1 : 1000

V : I = 200

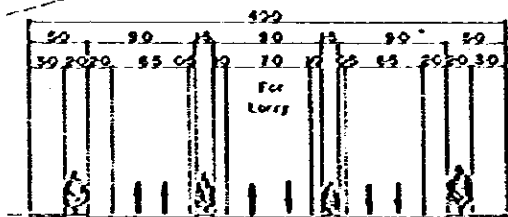


**PLAN** S : I = 1 : 1000

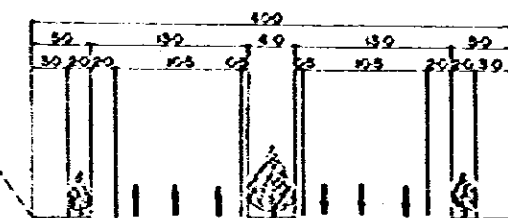
UP 12	UP 13
LA = 5°00'00"	LA = 85°45'00"
R = 850	R = 250
TL = 62.56	TL = 67.40
CL = 122.65	CL = 31.54
SL = 2.47	SL = 0.01



**INNER RING ROAD** S : I = 1 : 300



**JLN. BUKIT MELDRUM** S : I = 1 : 300

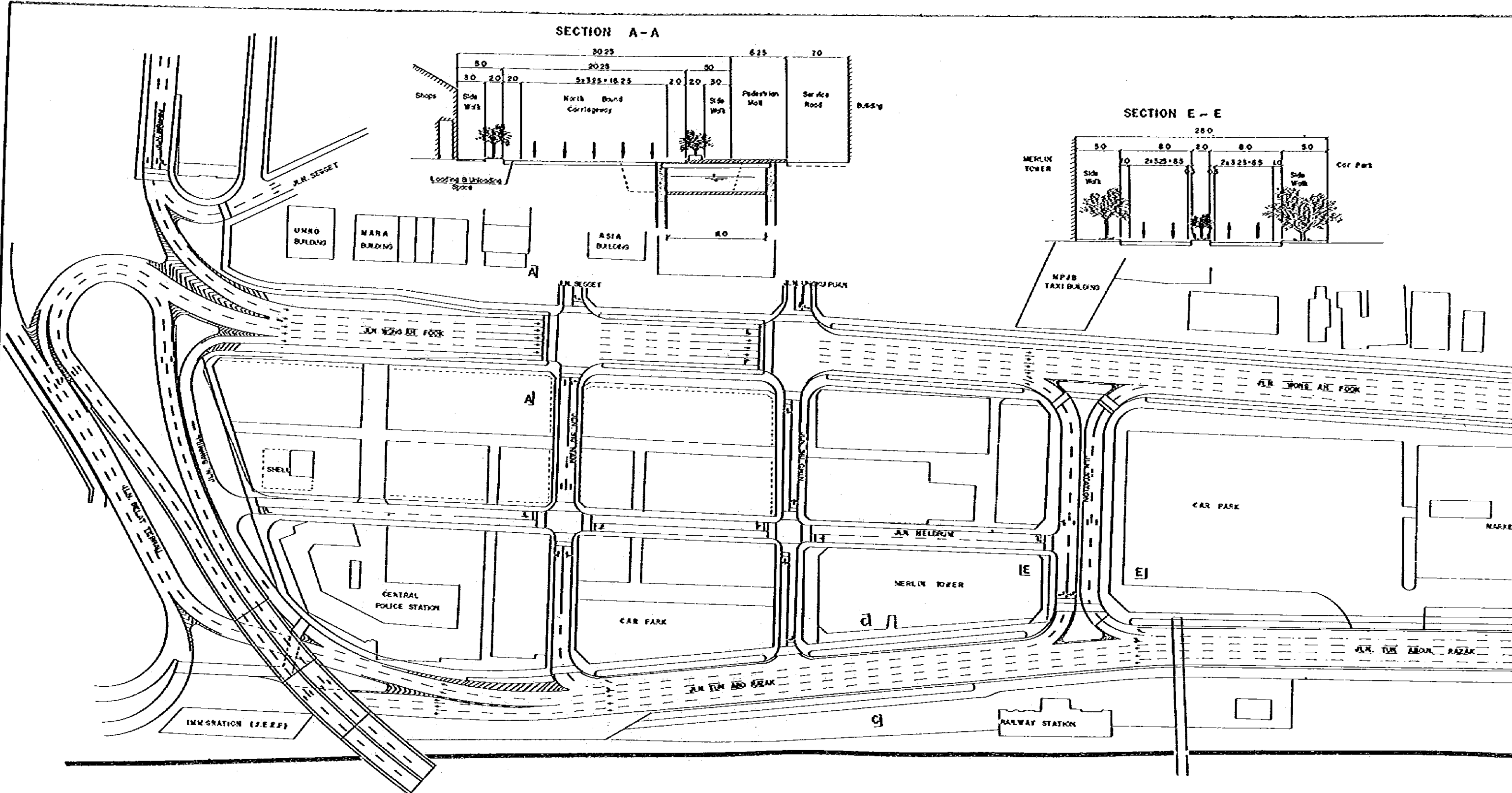


NOTE : 1) At first the approach of the elevated interchange is connected to Jalan Bukit Sultan.  
 2) The thick dotted line shows the future extension of Jalan Bukit Sultan and its connection to the elevated interchange.

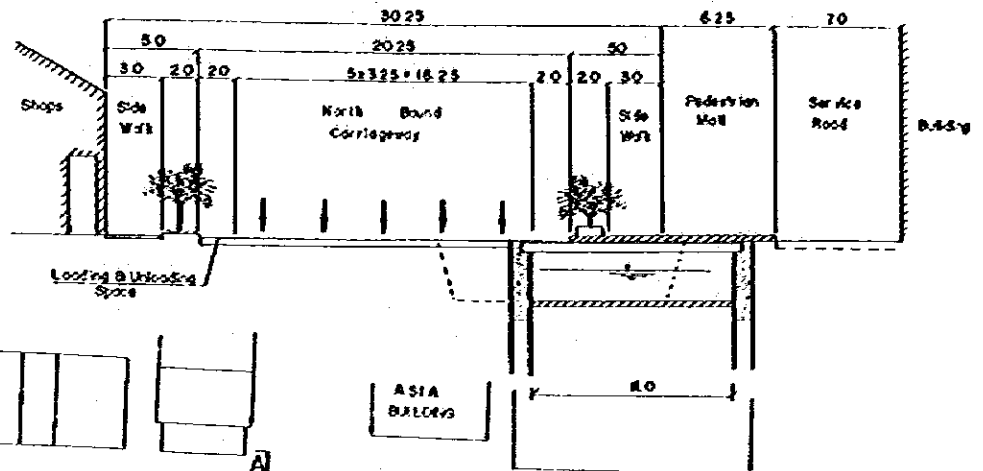
«CASE WHERE JOHORE EXT/ENTRY POINT IS RELOCATED»

PROJECT	DRAWING TITLE	SCALE	TOTAL SHEET
INNER RING ROAD	JLN. BUKIT MELDRUM INTERCHANGE (A:revised)		58

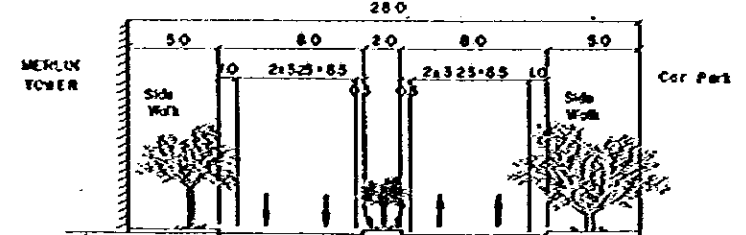
JOHORE STRAIT



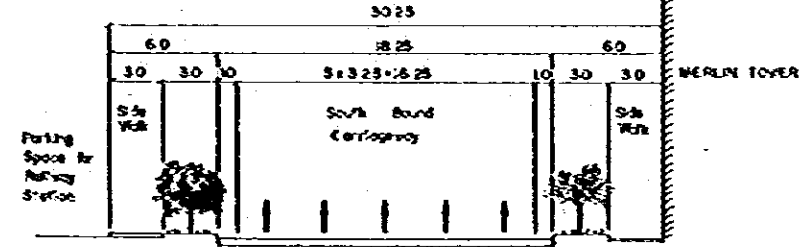
SECTION A-A



SECTION E-E

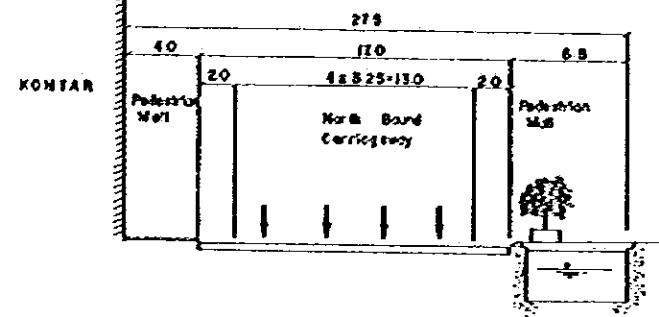


SECTION C-C

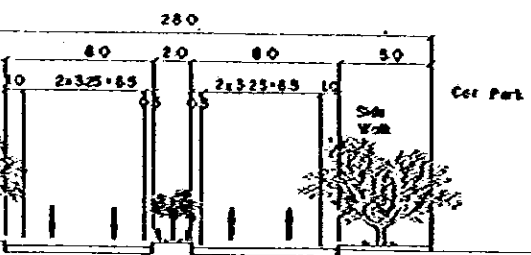


MAJOR ROAD IMPROVEMENT PLAN  
 IN THE HEART OF CENTRAL  
 BUSINESS DISTRICT.  
 (SHORT TERM PLAN)

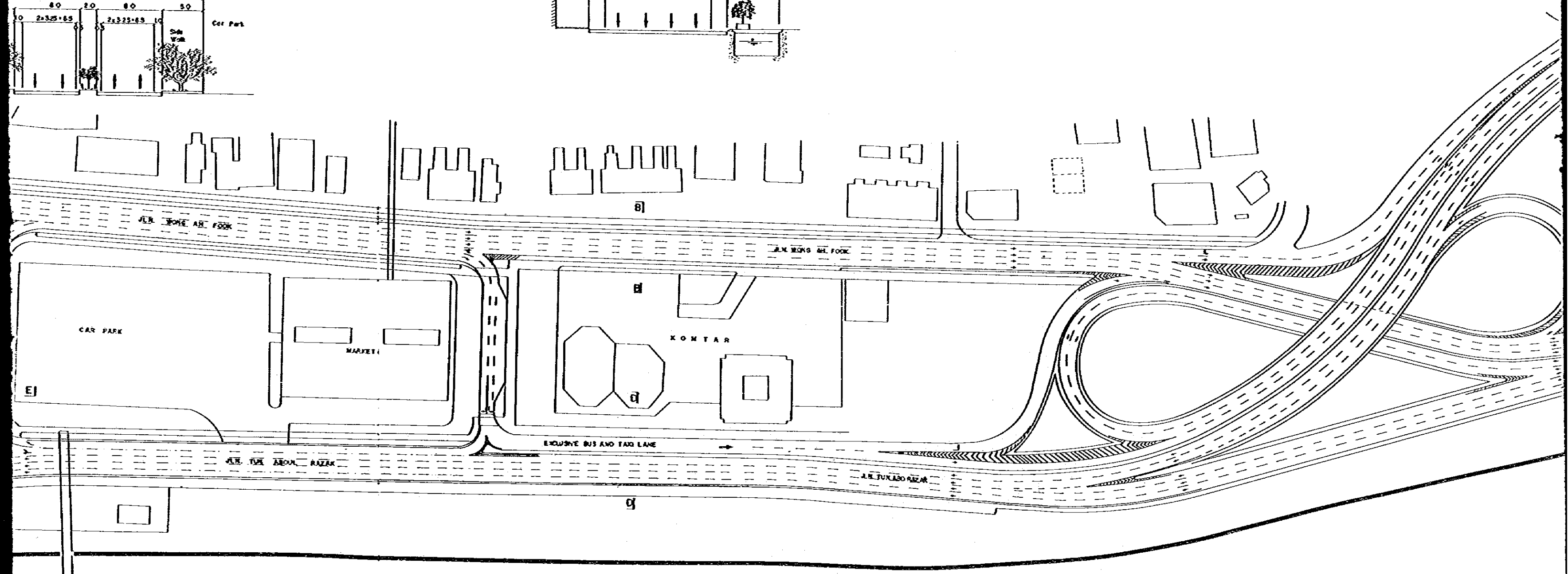
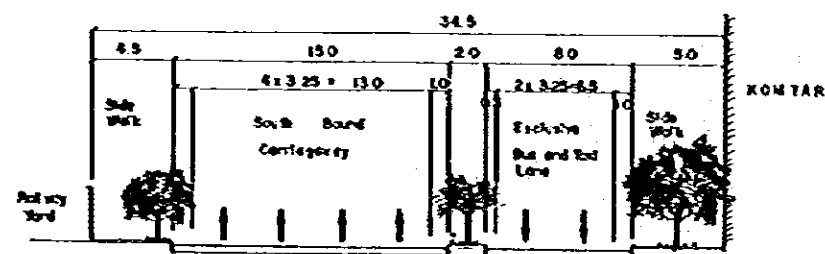
SECTION B - B



SECTION E - E

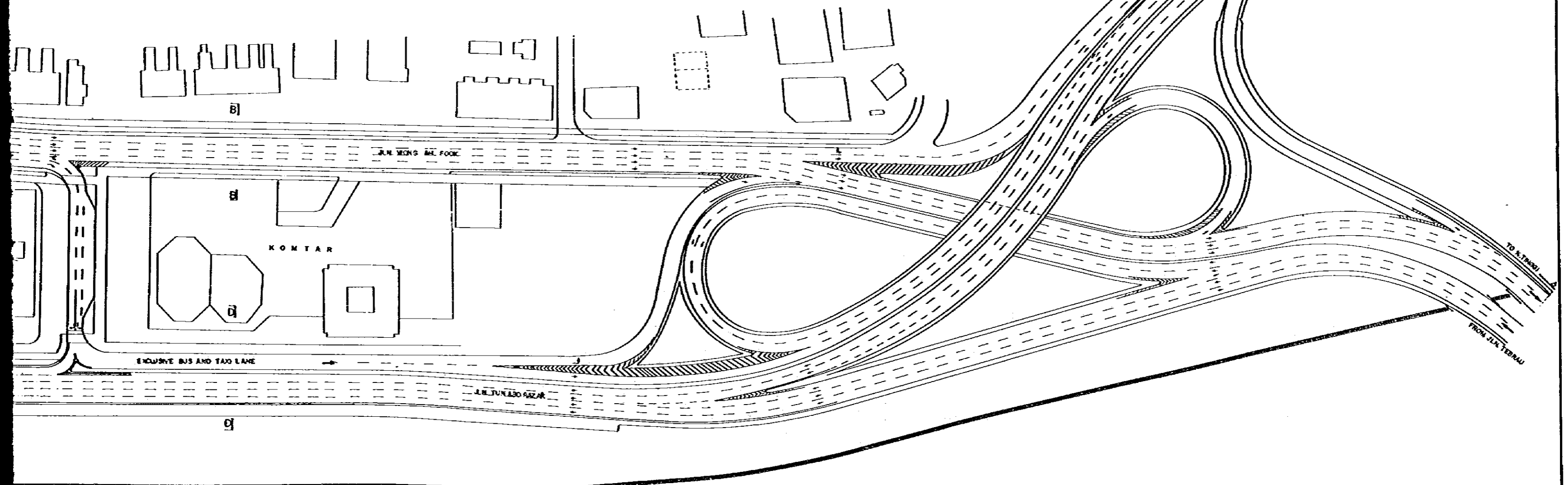
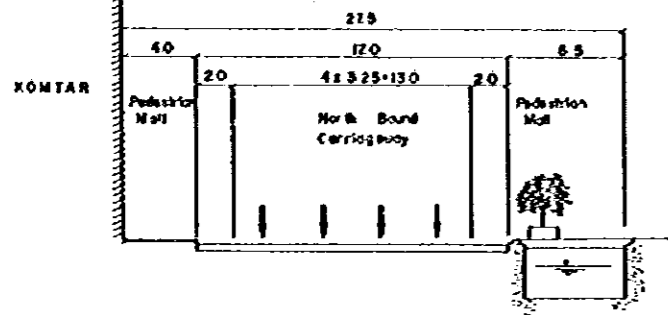


SECTION D - D

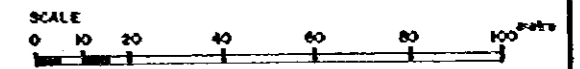
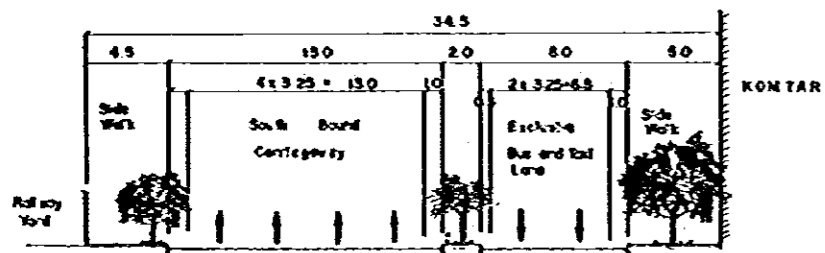


CAUSEWAY  
DISPER

SECTION B - B



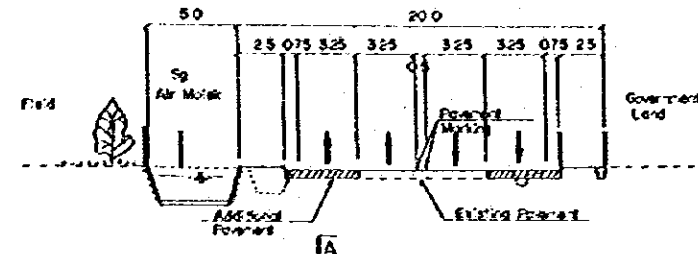
SECTION D - D



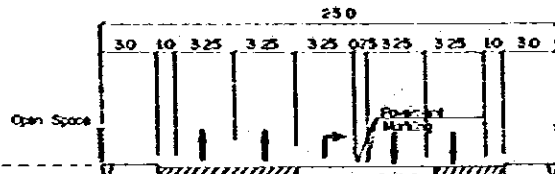
PROJECT	DRAWINGS TITLE	SCALE	TOTAL SHEET
CAUSEWAY TRAFFIC DISPERSAL SCHEME	JUN TUN ABDU PAZAK/HONG AH FOOK (SHORT TERM PLAN)		59

PLAN SCALE 1:1000

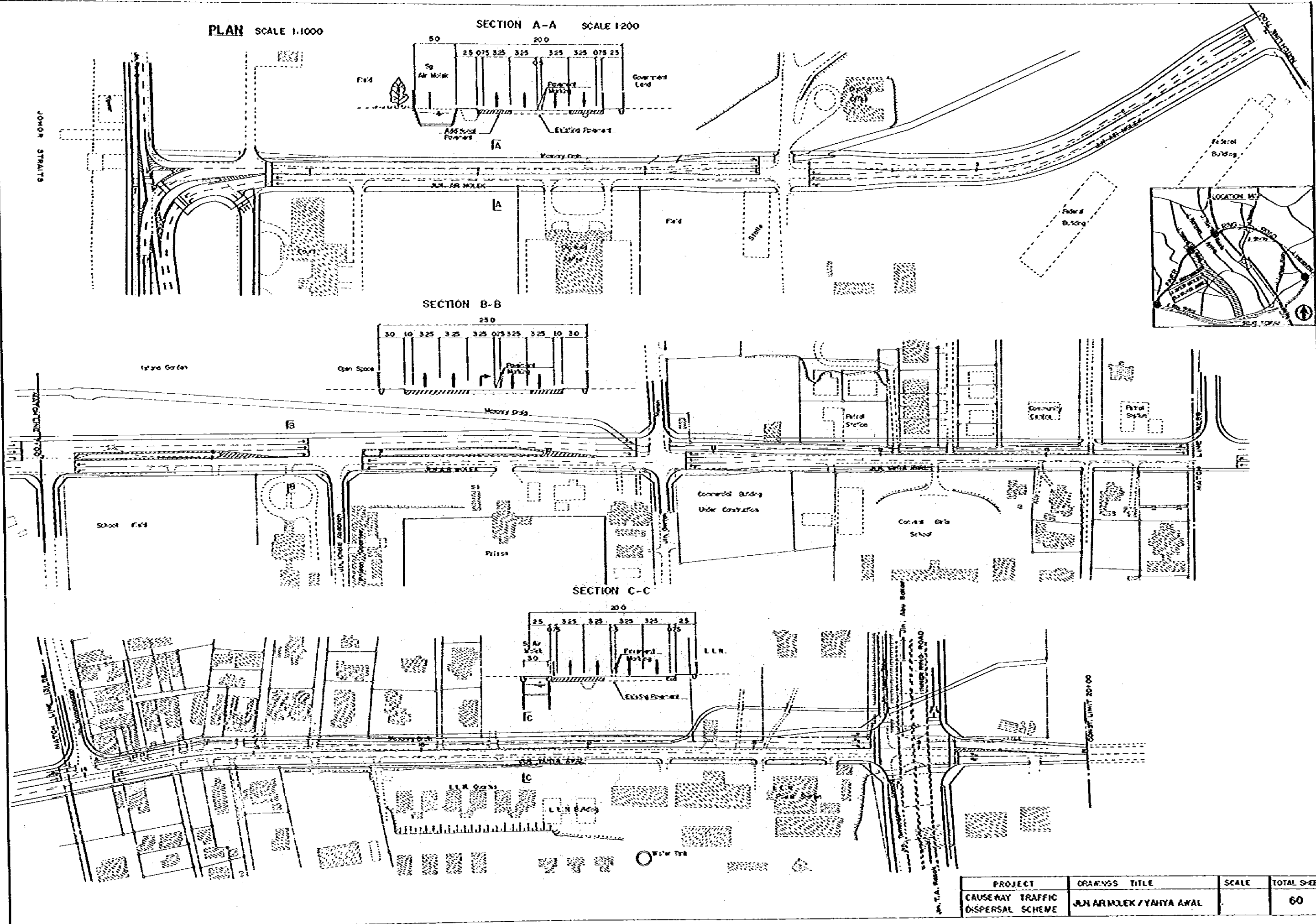
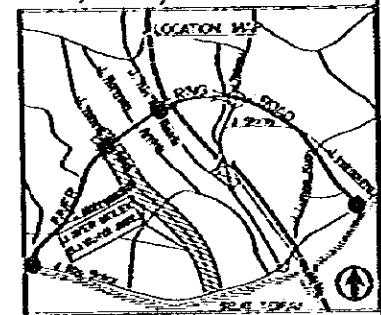
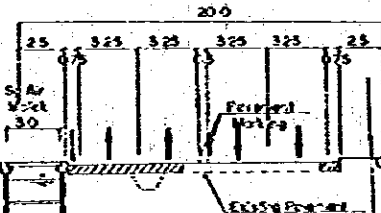
SECTION A-A SCALE 1:200



SECTION B-B



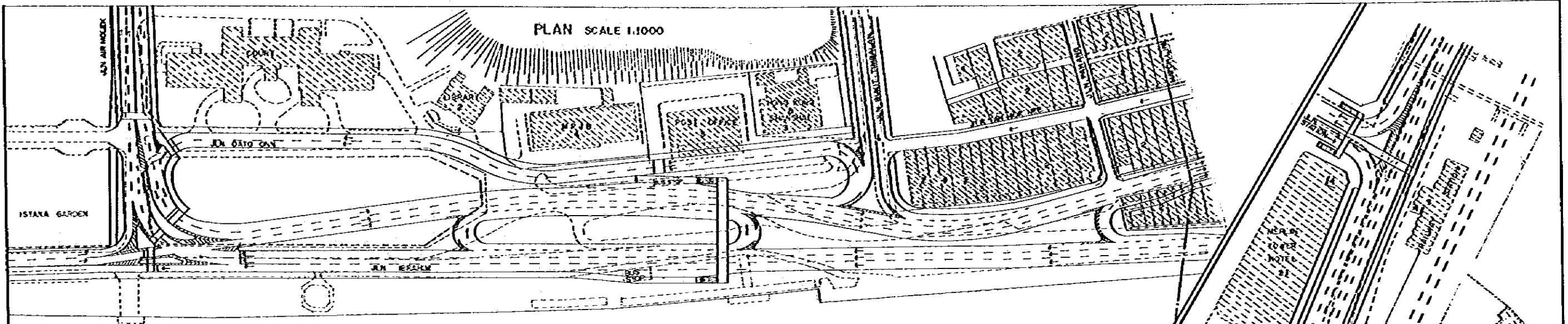
SECTION C-C



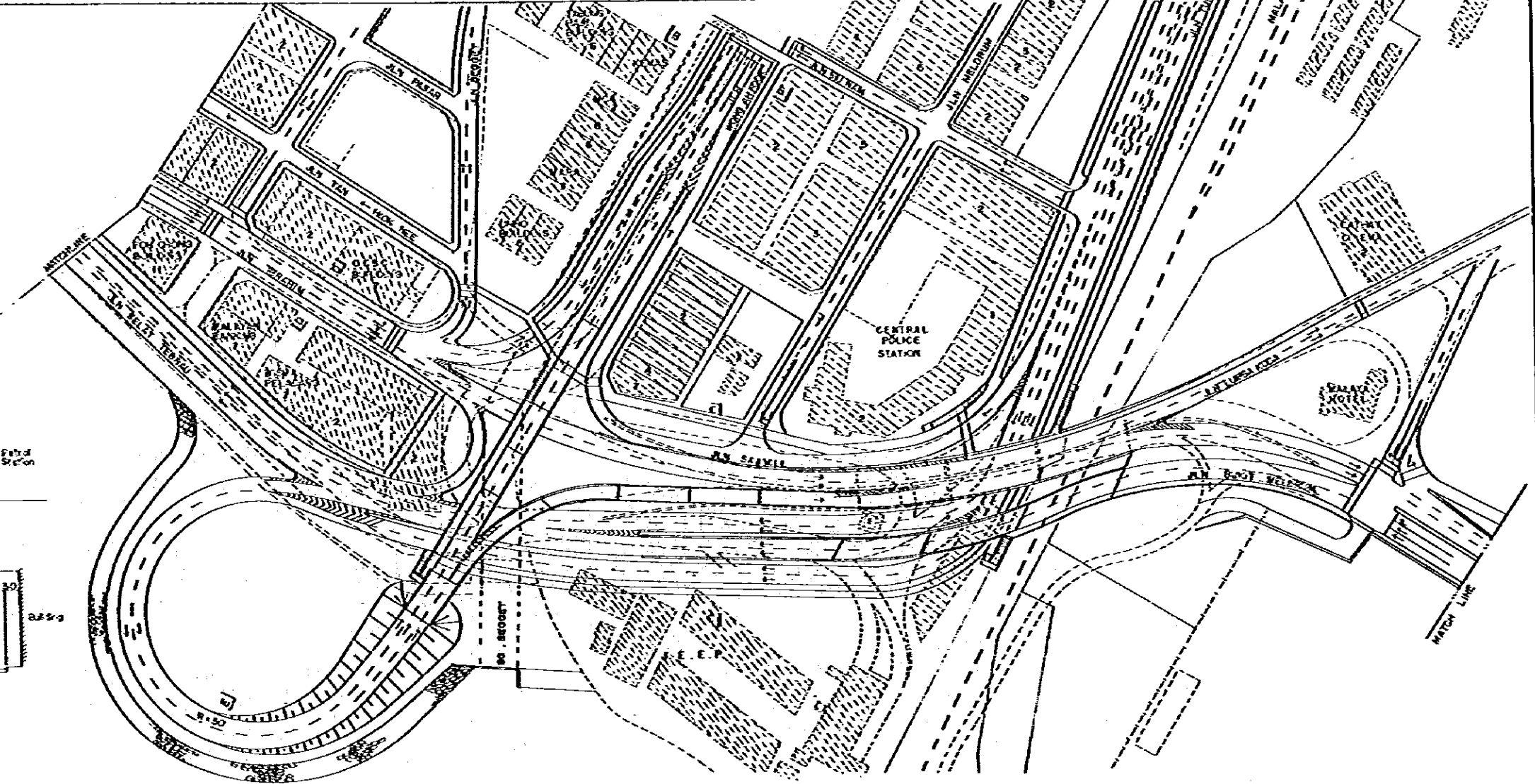
PROJECT	DRAWINGS TITLE	SCALE	TOTAL SHEET
CAUSEWAY TRAFFIC DISPERSAL SCHEME	JALAN AR MOLEK / YAHYA AWAL		60



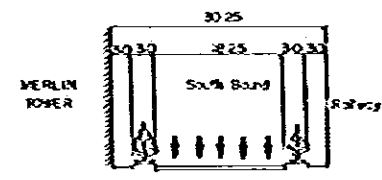




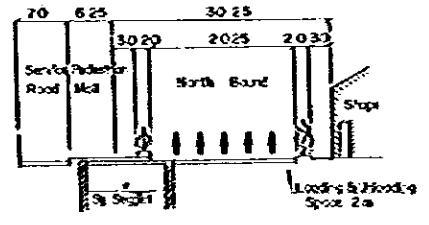
JOHOR STRAITS



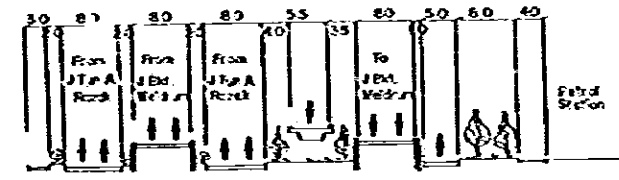
A - A



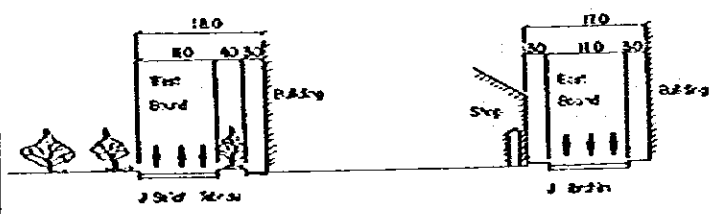
B - B



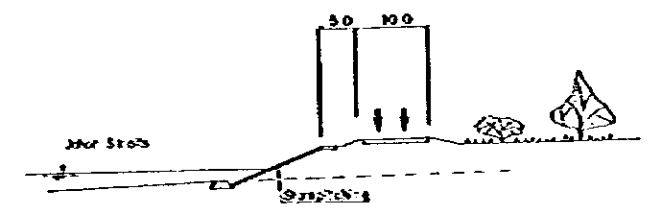
C - C



D - D



E - E

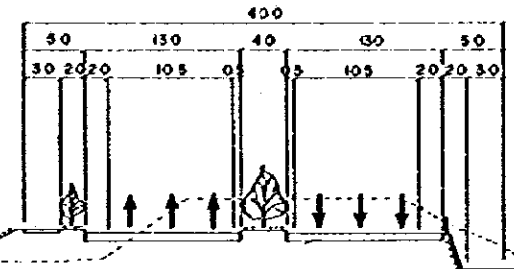


PROJECT	DRAWING TITLE	SCALE	TOTAL SHEET
CAUSEWAY TRAFFIC DISPERSAL SCHEME	JLN SELAY TEBRAU SOUTHERN INTERCHANGING (1/10/1964)		62

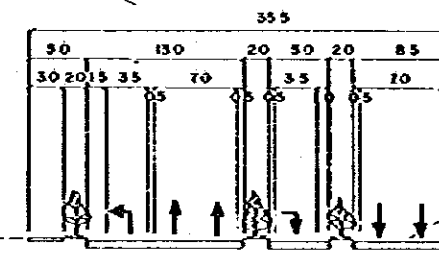
**J.N. BKT. MELDRUM IMPROVEMENT**  
(Proposed Plan - Case where J.E.E.P is not relocated)

SCALE 1:1000

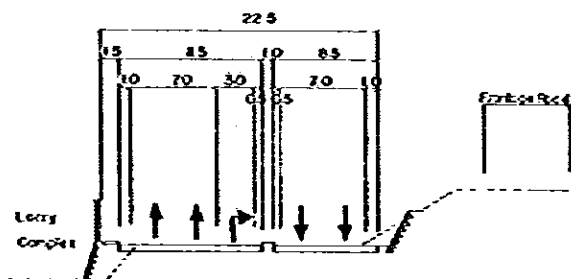
**CROSS SECTION SCALE 1:300**  
SECTION A-A



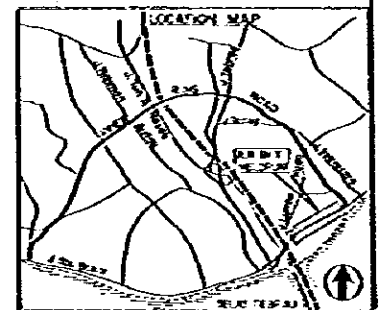
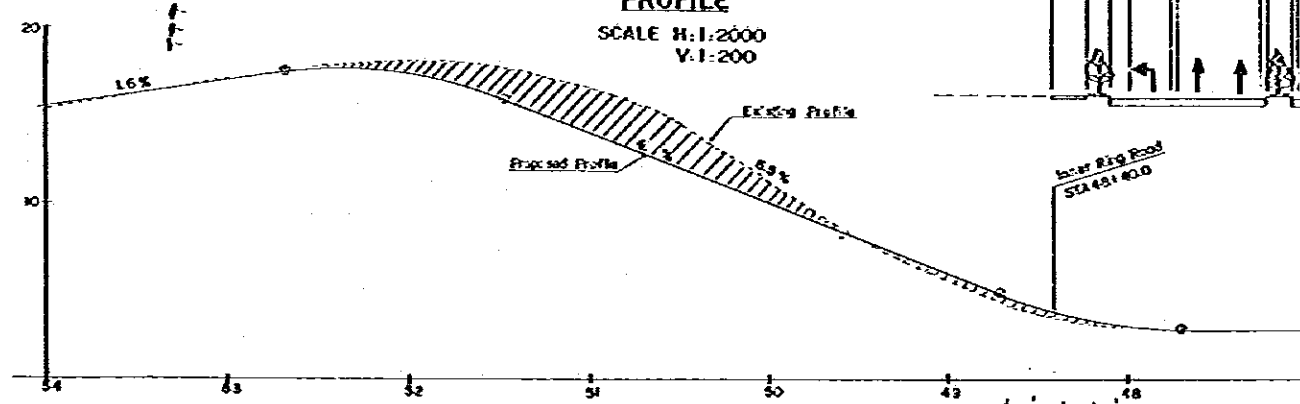
SECTION B-B



SECTION C-C



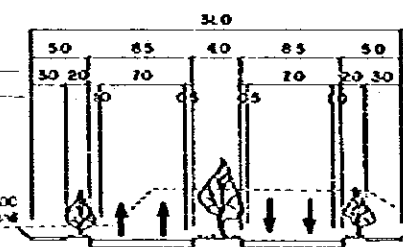
**PROFILE**  
SCALE H:1:2000  
V:1:200



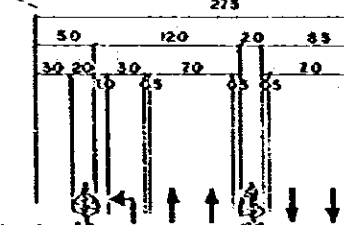
**J.N. BKT. MELDRUM IMPROVEMENT**  
(Alternative Plan - Case where J.E.E.P is relocated)

SCALE 1:1000

**CROSS SECTION SCALE 1:300**  
SECTION A-A



SECTION B-B

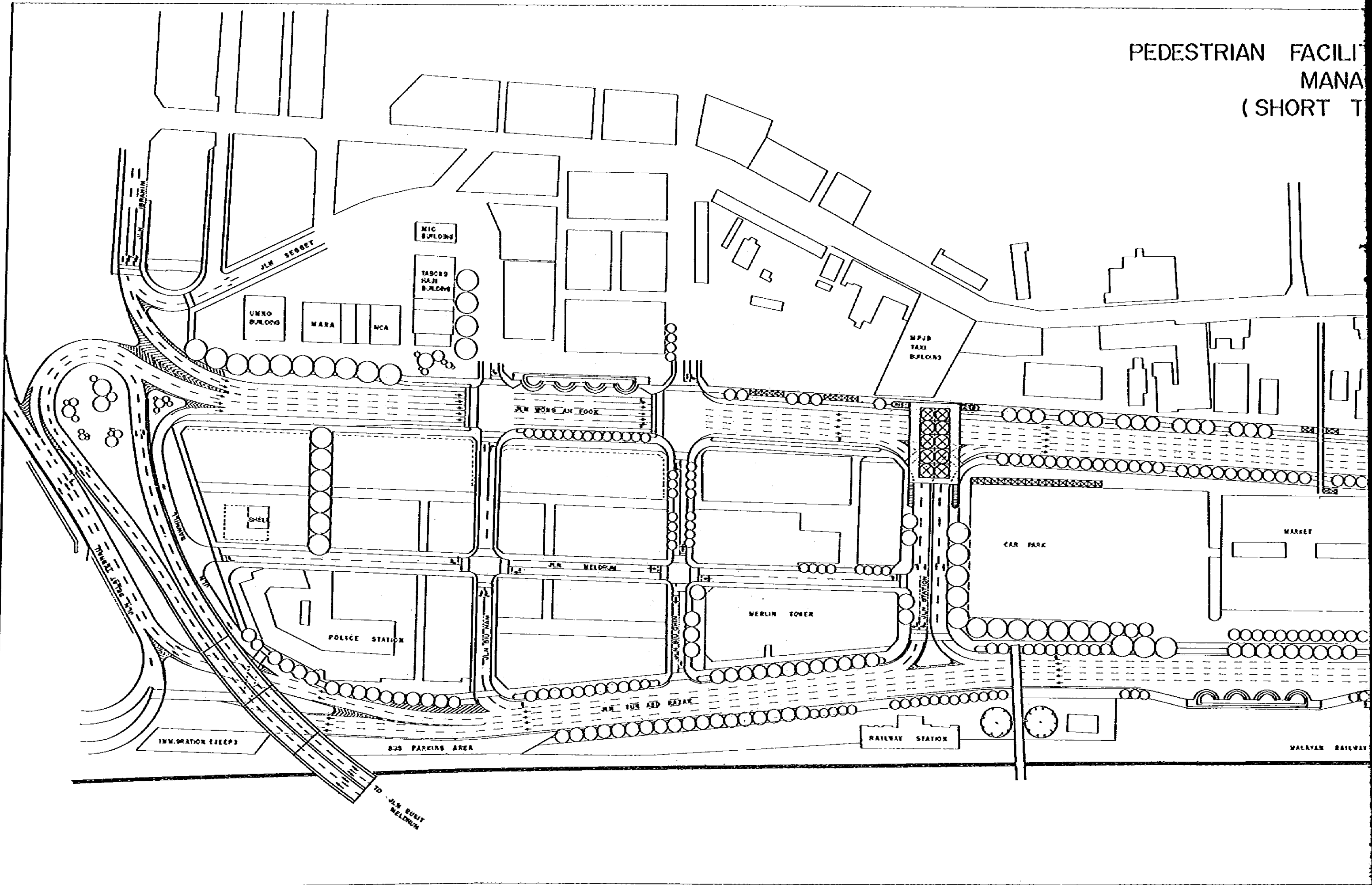


NOTE: Grade of STA 50+20 - 53+20  
to be reduced from 6.5% to 4%

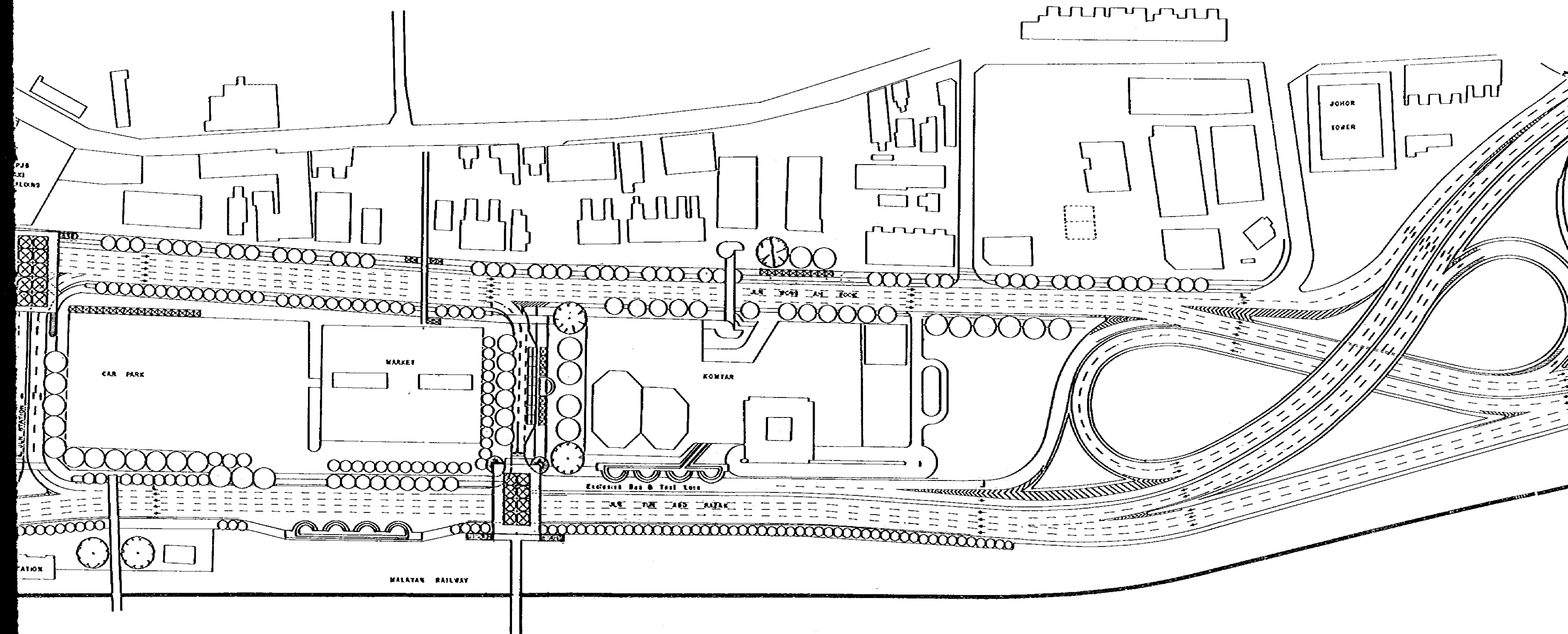
PROJECT	DRAWINGS TITLE	SCALE	TOTAL SHEET
CAUSEWAY TRAFFIC DISPERSAL SCHEME	J.N. BKT. Meldrum - Proposed B Alternative Plan.		63



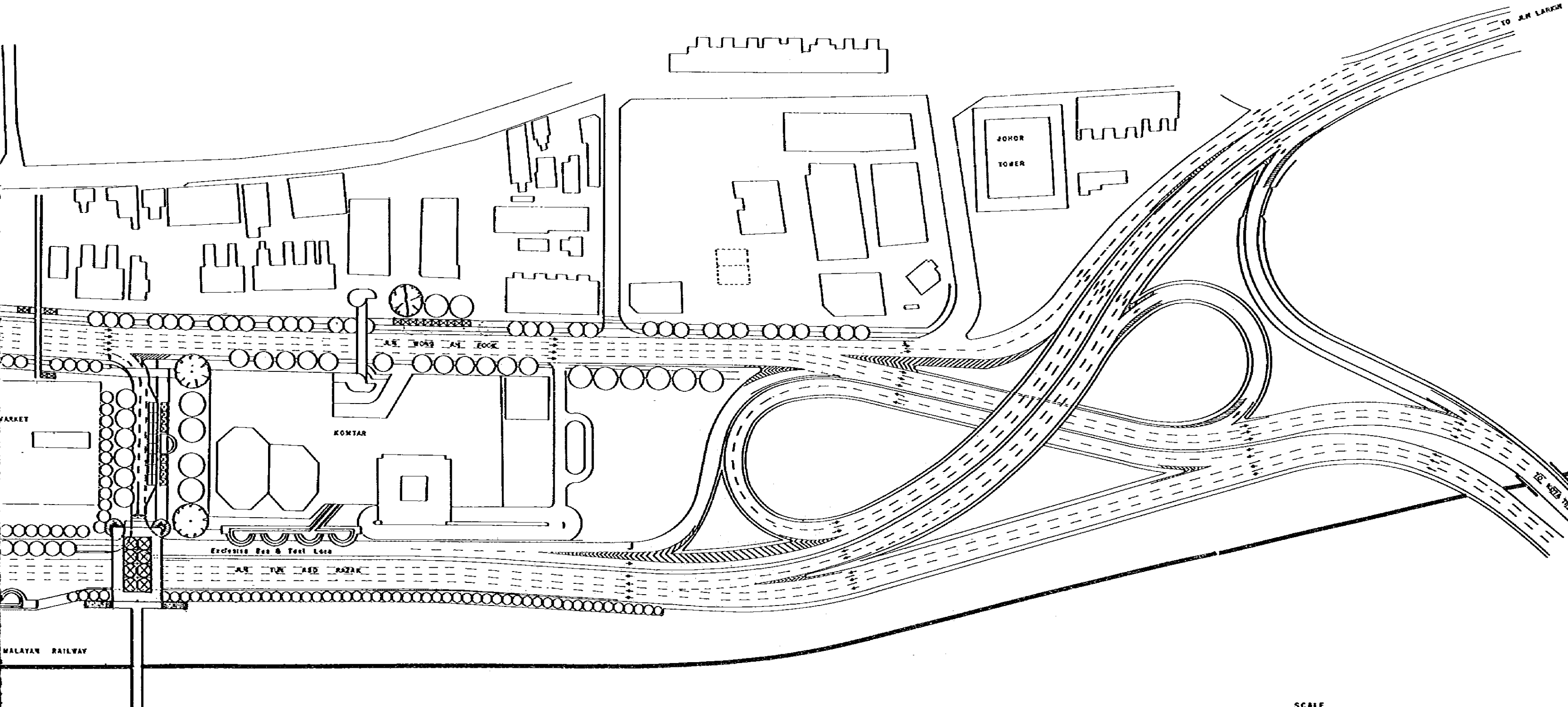
PEDESTRIAN FACILITIES  
MANAGEMENT  
(SHORT TERM)



PEDESTRIAN FACILITY & TRAFFIC  
MANAGEMENT  
( SHORT TERM PLAN )

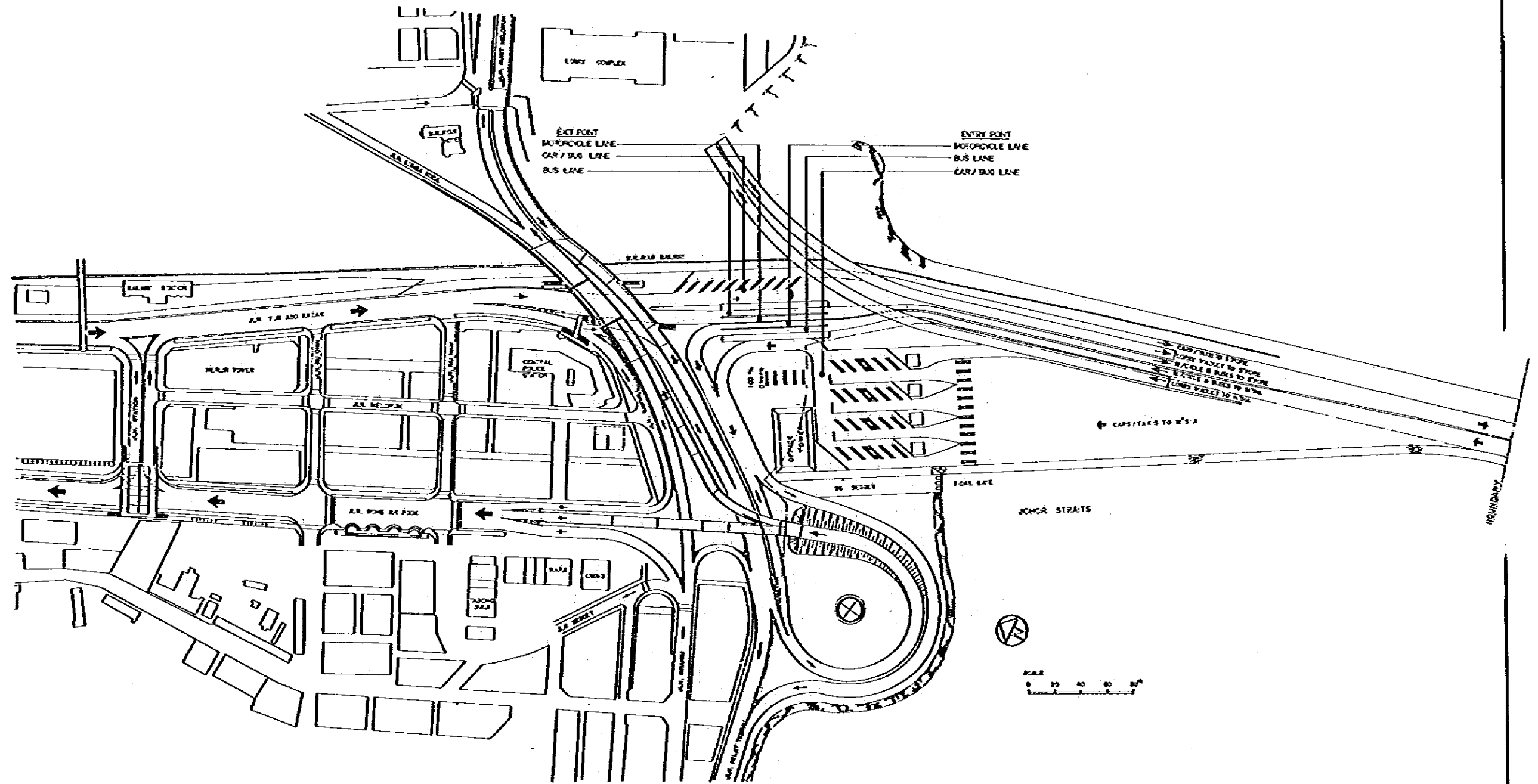


FACILITY & TRAFFIC  
MANAGEMENT  
(SHORT TERM PLAN)



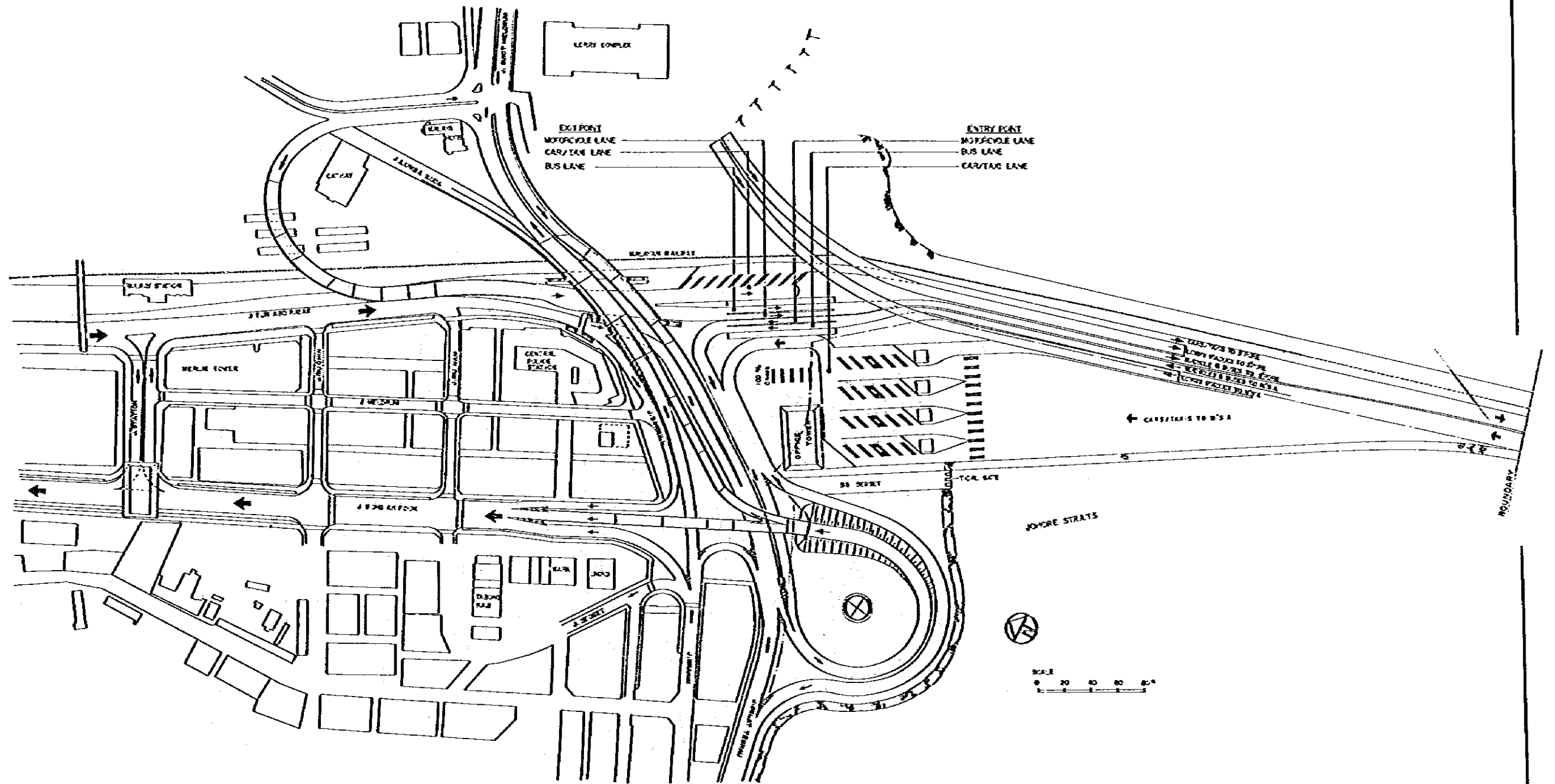
PROJECT	DRAWING TITLE	SCALE	TOTAL SHEET
CAUSEWAY TRAFFIC DISPERSAL SCHEME	PEDESTRIAN FACILITY & TRAFFIC MANAGEMENT (SHORT TERM PLAN)	AS SHOWN	65

ALTERNATIVE TRAFFIC DISPERSAL SCHEME I WITH  
CAUSEWAY CONCEPT A



PROJECT	DRAWINGS TITLE	SCALE	TOTAL SHEET
CAUSEWAY TRAFFIC DISPERSAL SCHEME	TRAFFIC DISPERSAL SCHEME I WITH CAUSEWAY CONCEPT A		66

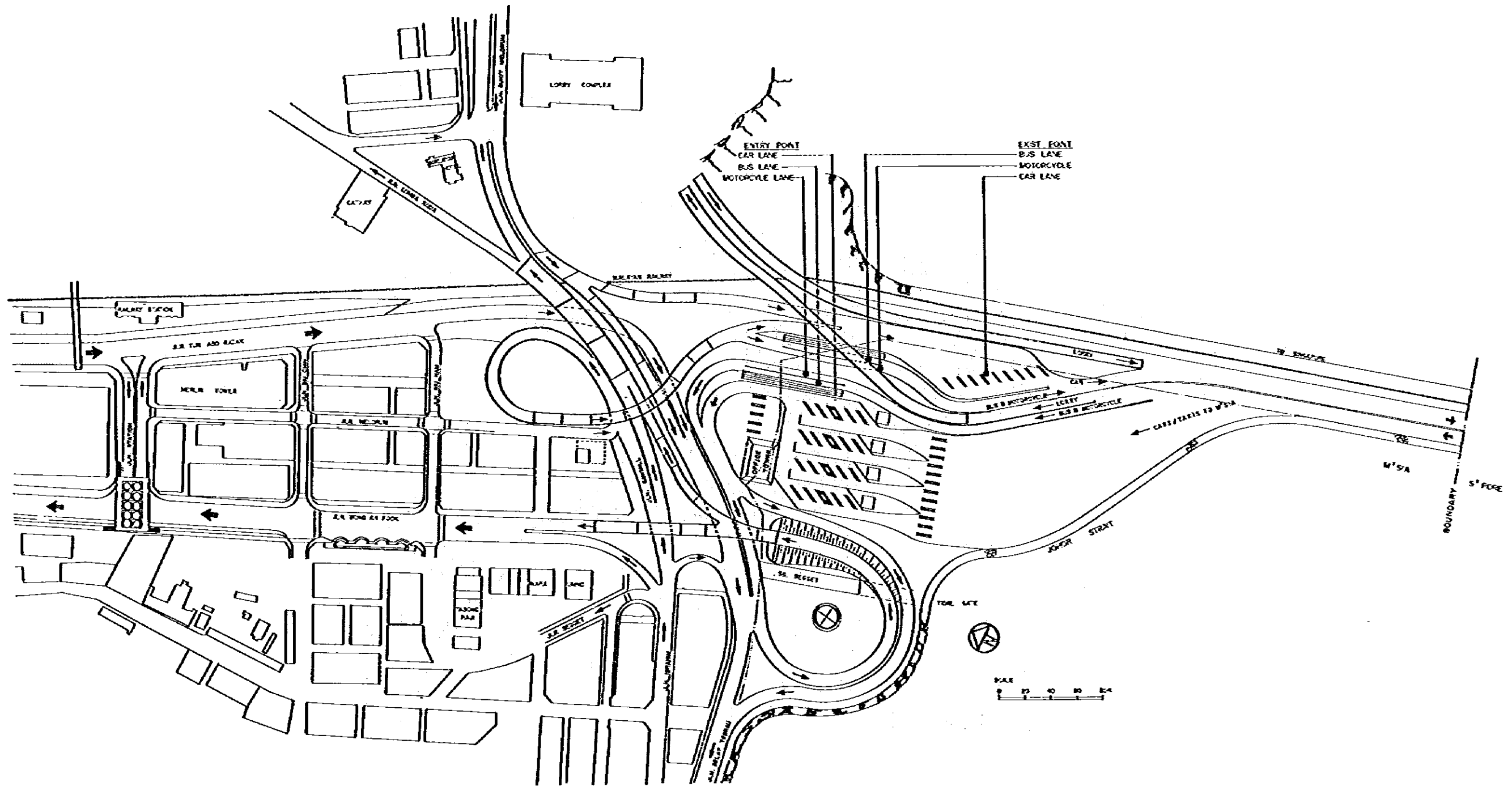
ALTERNATIVE TRAFFIC DISPERSAL SCHEME 2 WITH  
CAUSEWAY CONCEPT A



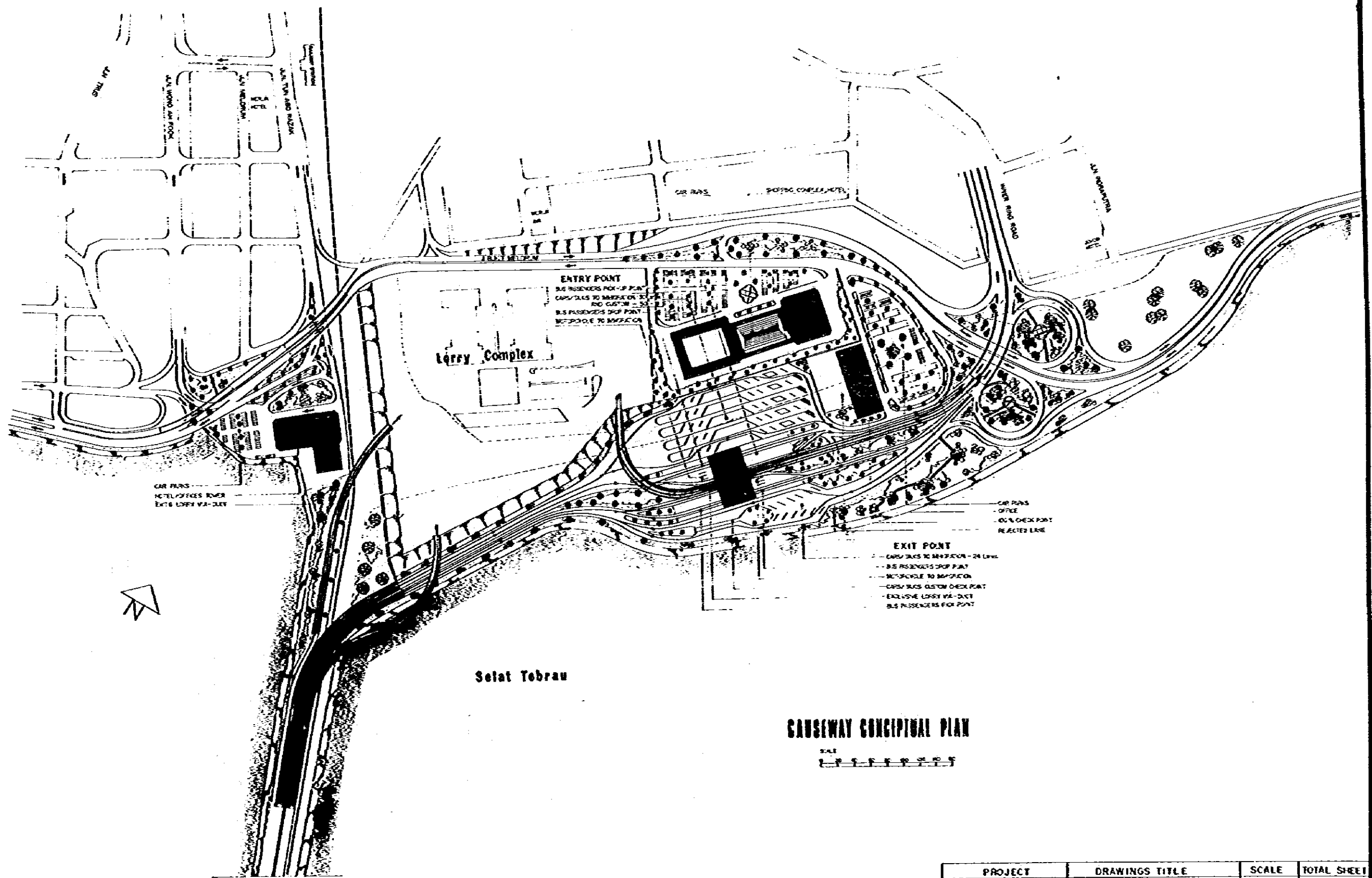
PROJECT	DRAWINGS TITLE	SCALE	TOTAL SHEET
CAUSEWAY TRAFFIC DISPERSAL SCHEME	TRAFFIC DISPERSAL SCHEME 2 WITH CAUSEWAY CONCEPT A		67



ALTERNATIVE TRAFFIC DISPERSAL SCHEME 3 WITH  
CAUSEWAY CONCEPT A



PROJECT	DRAWINGS TITLE	SCALE	TOTAL SHEET
CAUSEWAY TRAFFIC DISPERSAL SCHEME	TRAFFIC DISPERSAL SCHEME 3 WITH CAUSEWAY CONCEPT A		68



**ENTRY POINT**  
 BUS PASSENGERS PICK-UP POINT  
 CAR PASSENGERS PICK-UP POINT  
 BUS PASSENGERS DROP POINT  
 MOTORCYCLE TO BUS/PAV. CAR

Lerry Complex

**EXIT POINT**  
 CAR PASSENGERS TO BUS/PAV. CAR - 24 Lanes  
 BUS PASSENGERS DROP POINT  
 MOTORCYCLE TO BUS/PAV. CAR  
 CAR PASSENGERS CUSTOM CHECK POINT  
 EXCLUSIVE LANE FOR BUS-PAV. CAR  
 BUS PASSENGERS DROP POINT

CAR PASSENGERS  
 HOTEL/OFFICES/BIRO  
 EXITS LARRY VIA-DUCT

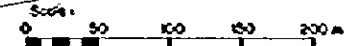
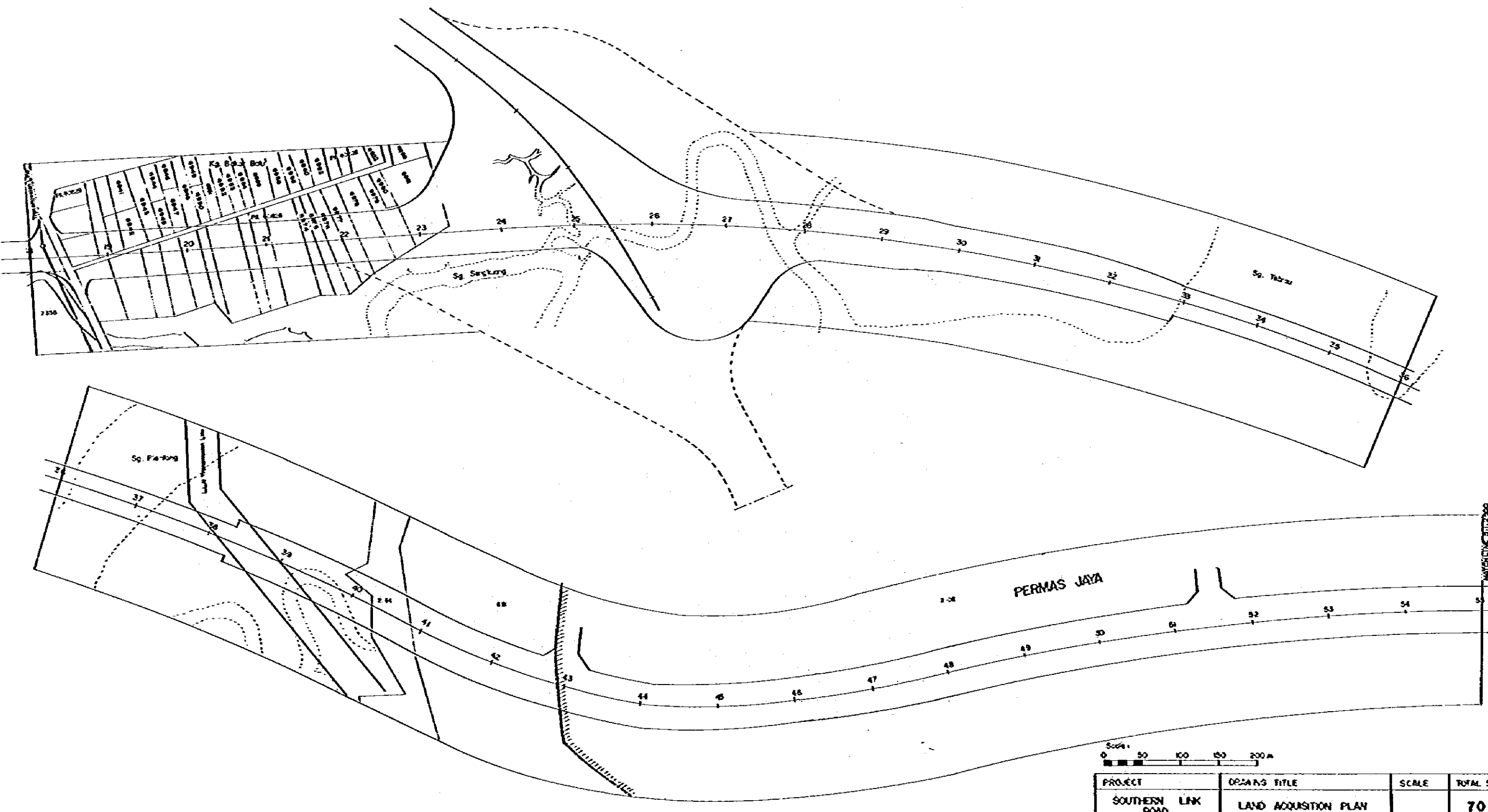
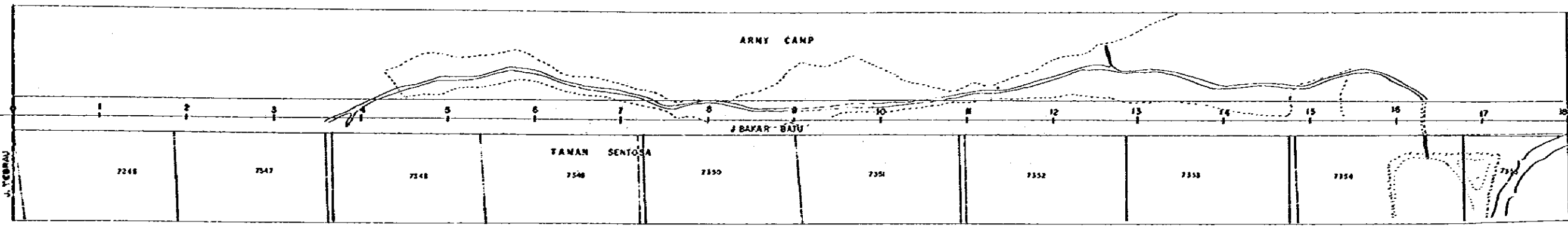
CAR PASSENGERS  
 OFFICE  
 BUS CHECK POINT  
 REACTED LANE

Selat Tebrau

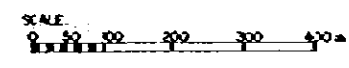
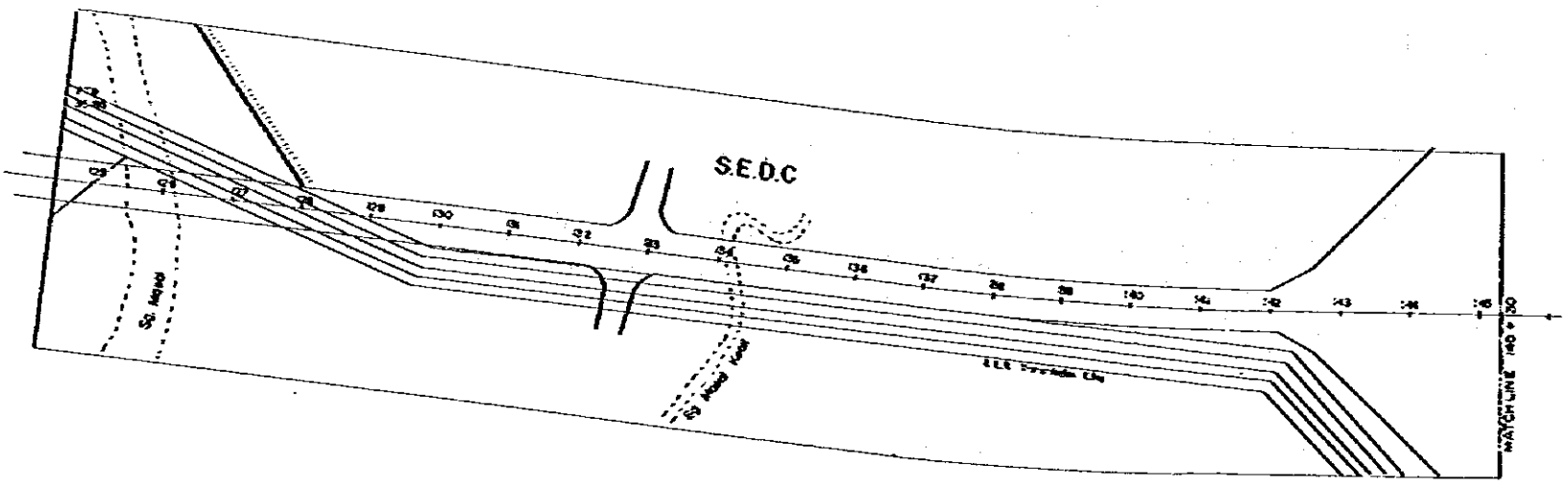
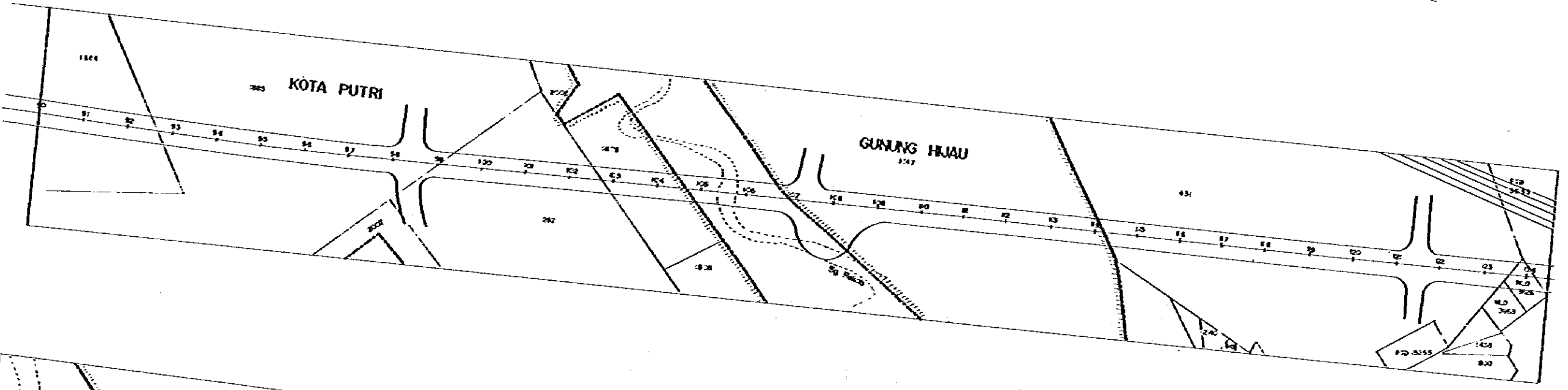
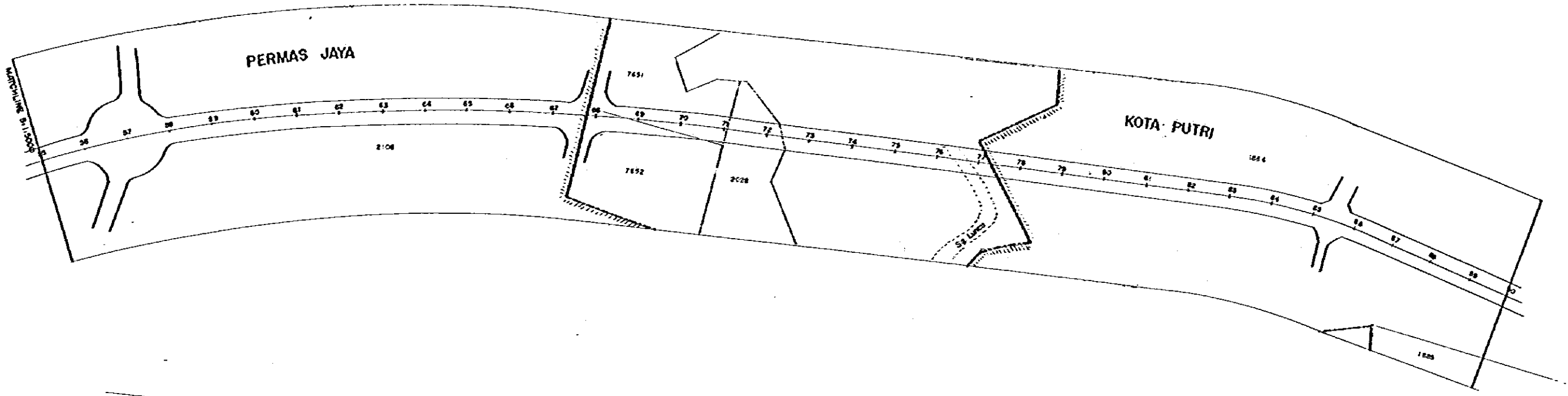
**CAUSEWAY CONCEPTUAL PLAN**



PROJECT	DRAWINGS TITLE	SCALE	TOTAL SHEET
CAUSEWAY TRAFFIC DISPERSAL SCHEME	CAUSEWAY CONCEPT C.		69

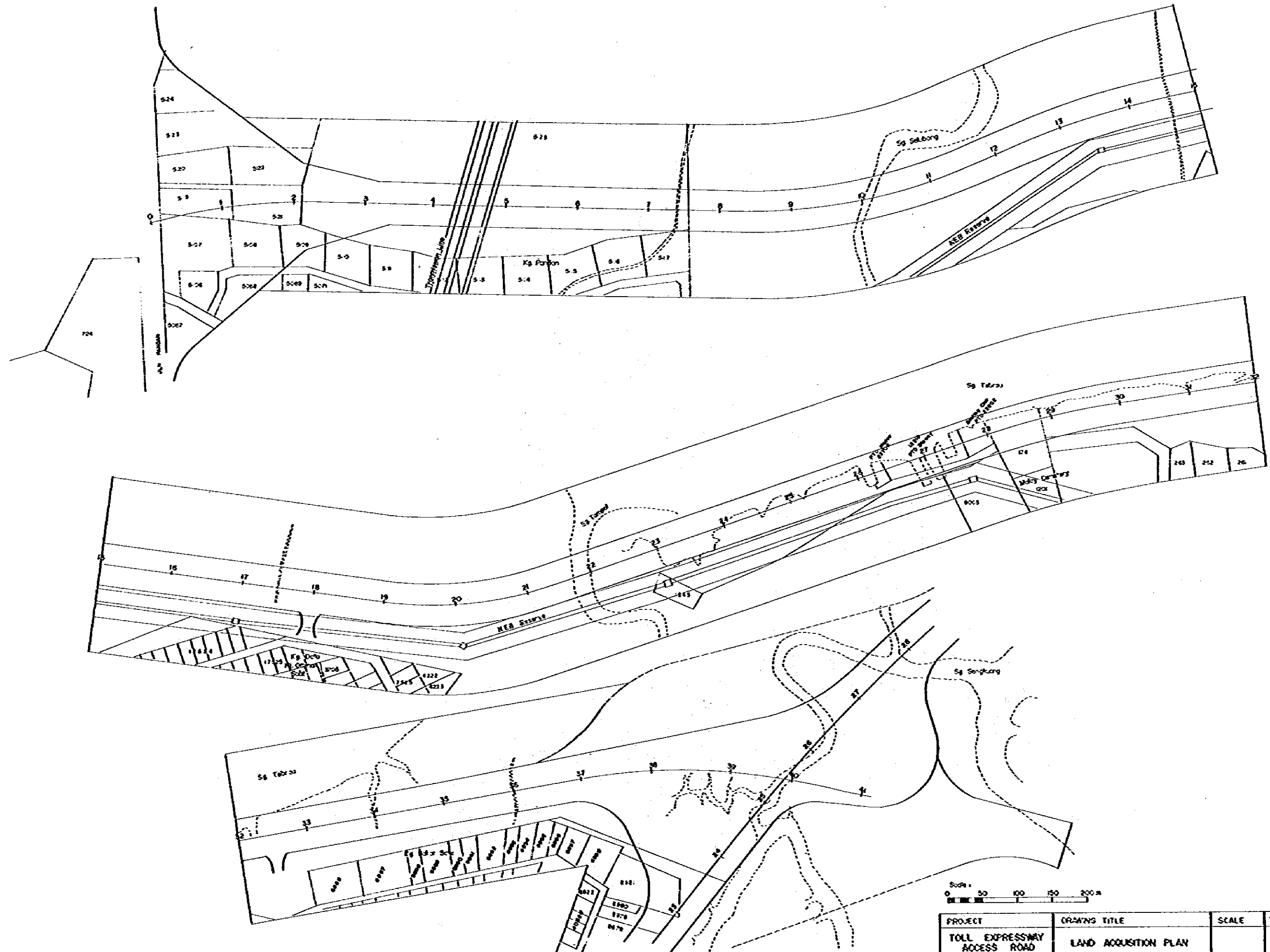


PROJECT	DRAWING TITLE	SCALE	TOTAL SHEET
SOUTHERN LINK ROAD	LAND ACQUISITION PLAN		70



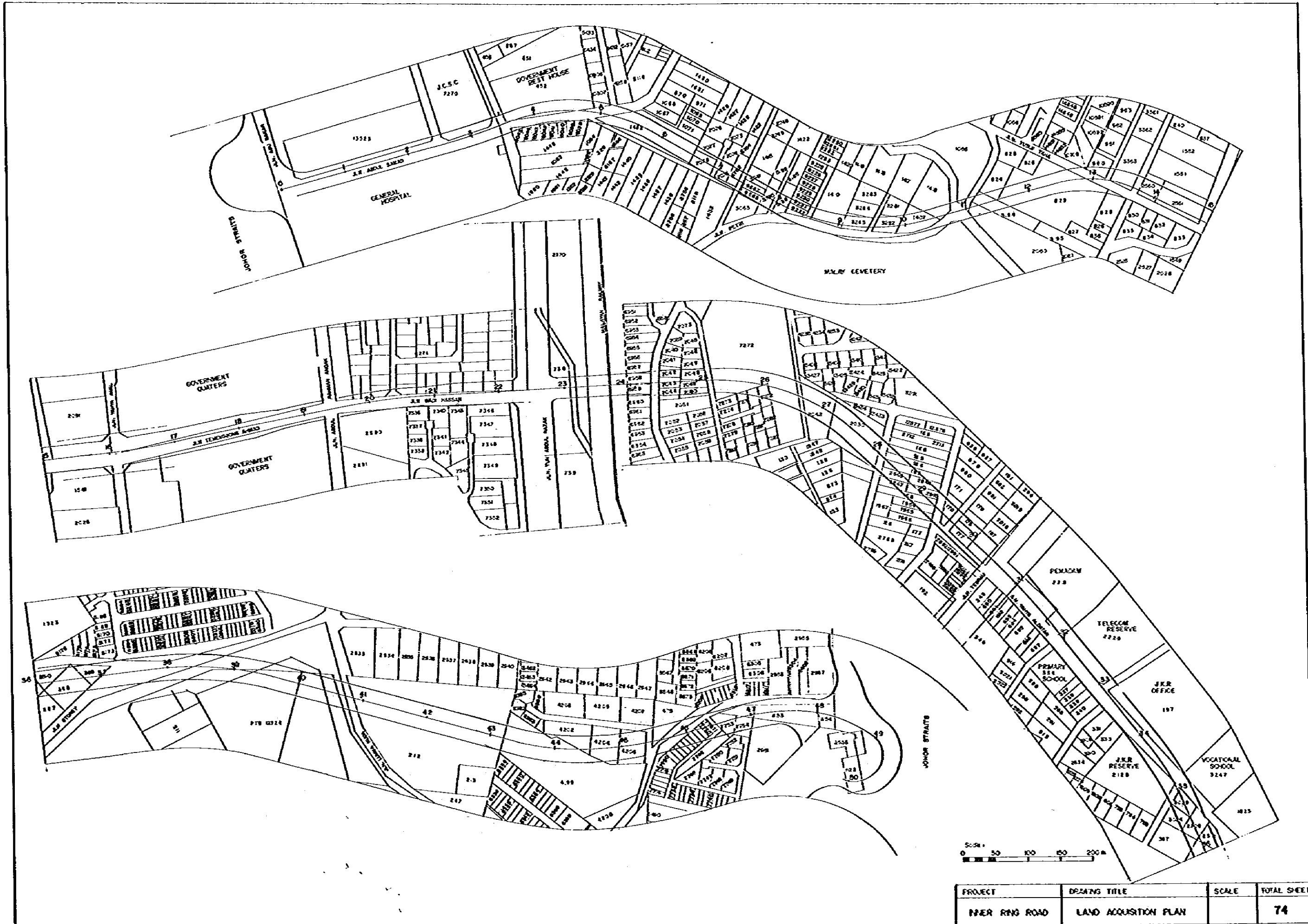
PROJECT	DRAWING TITLE	SCALE	TOTAL SHEET
SOUTHERN LINK ROAD	LAND ACQUISITION PLAN		71





Scale: 1:1000  
 0 50 100 150 200m

PROJECT	DRAWING TITLE	SCALE	TOTAL SHEET
TOLL EXPRESSWAY ACCESS ROAD	LAND ACQUISITION PLAN		73



PROJECT	DRAWING TITLE	SCALE	TOTAL SHEET
INNER RING ROAD	LAND ACQUISITION PLAN		74





JICA