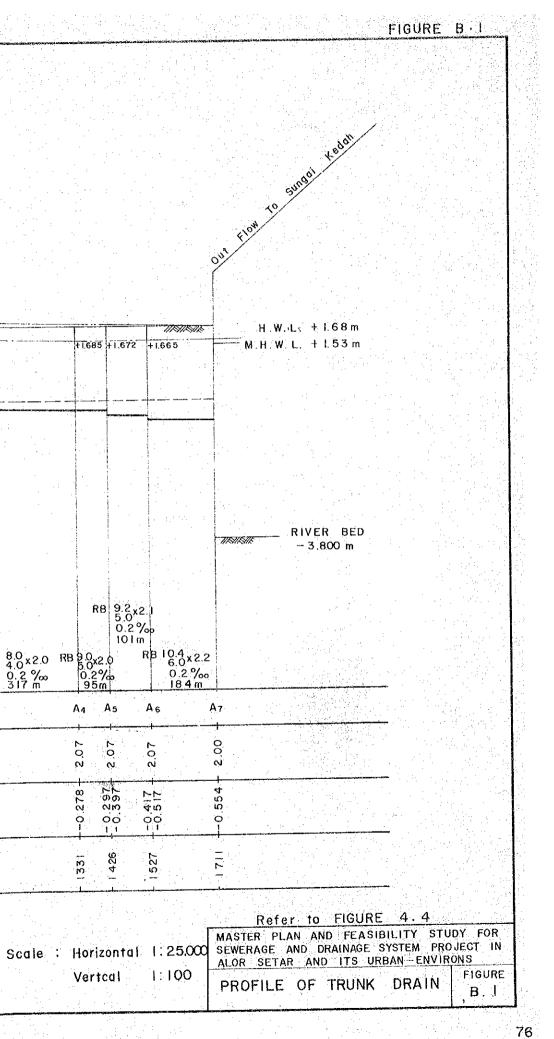
ANNEX B

SUPPLEMENTAL FIGURES AND TABLES FOR DRAINAGE SYSTEM PLANNING

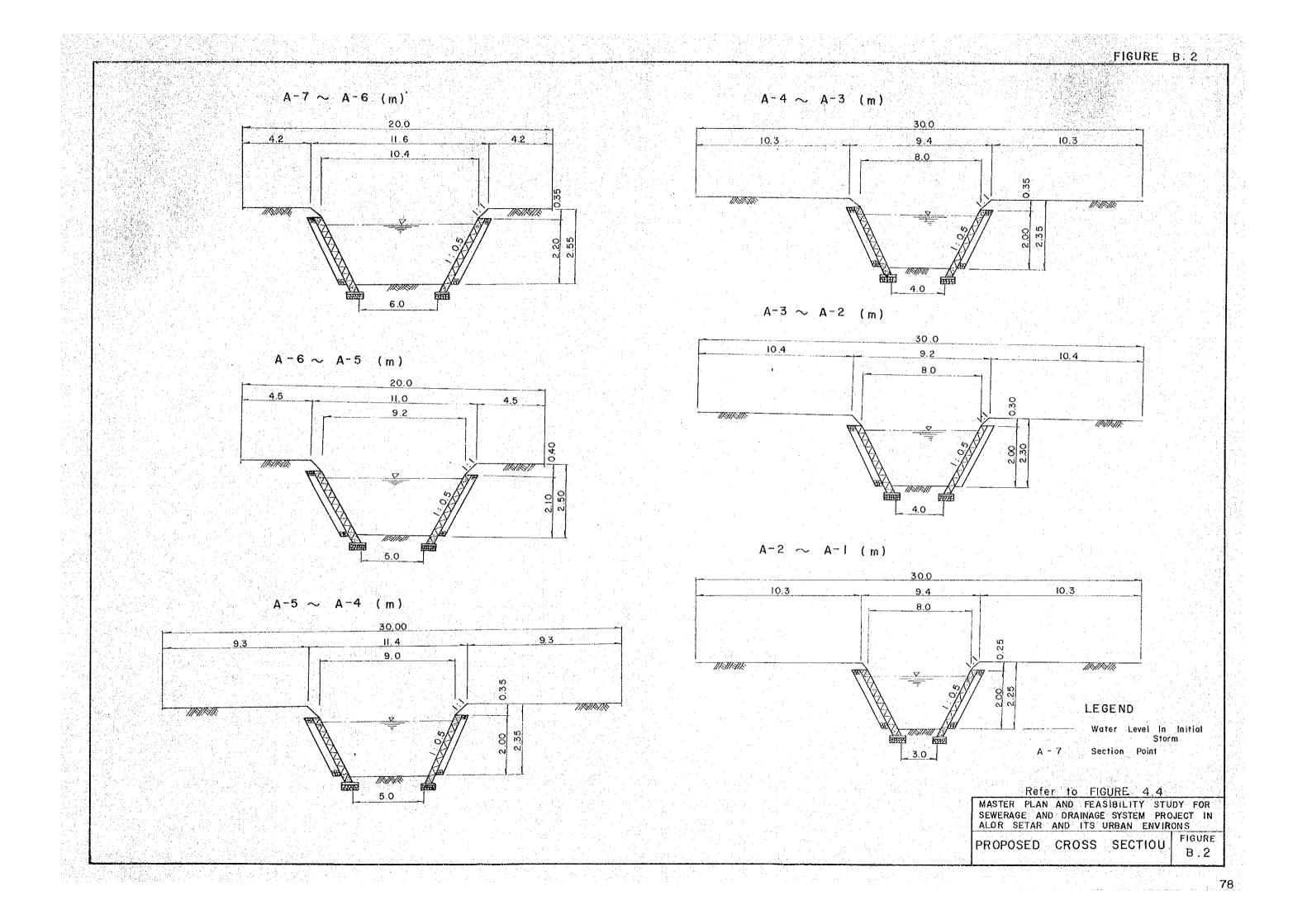
### TRUNK DRAIN IN BASIN A

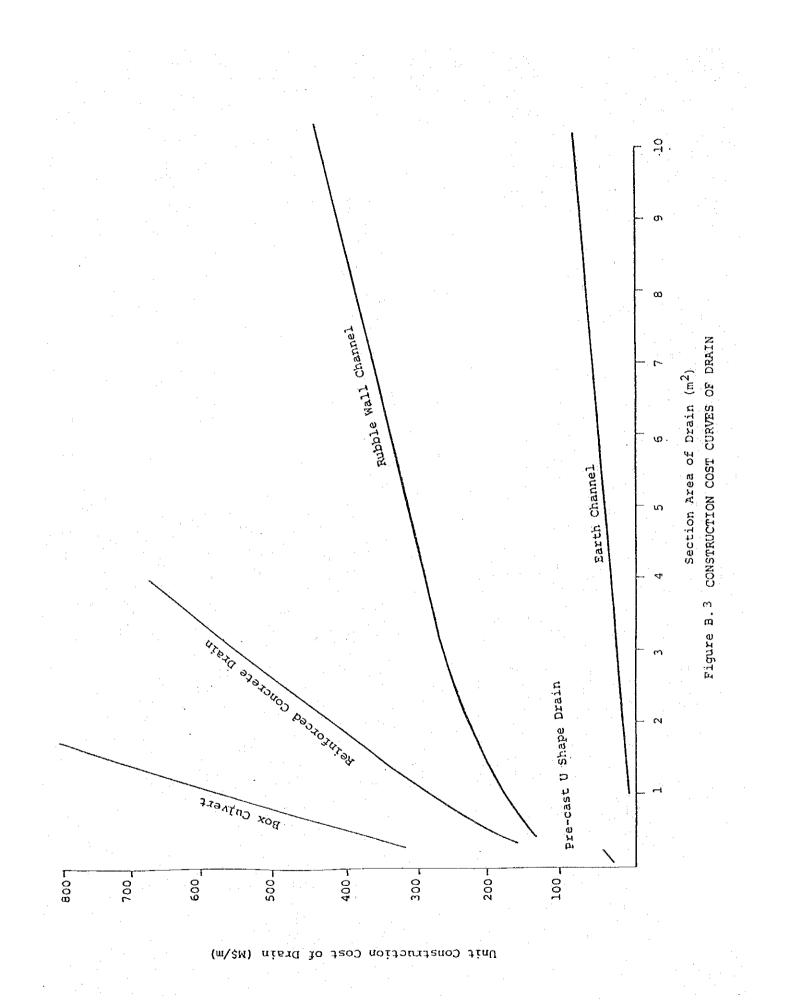
## LEGEND I.E Invert Elevation MAJOR FLOOD LEVEL 11818 TISTISTA +1.685 +1.672 +1.665 +1.908 Water Level in Initial Storm +1.765 +1,730 1/1000 Slope %00 Existing I.E Proposed I.E RB Rubble Woll, Channel 7.0 3.0×2.0 Upper Width 7.0 m Bottom Width 3.0 m Depth 2.0 m RB 9.2 x2.1 5.0 0.2 % 101 m RB 10.4 6.0 0.2 ‰ 184 m RB 8.0 x 2.0 RB 9.0 x 2.0 0.2 ‰ 0.2‰ 317 m 95m RB 8.0 x 2.0 0.2 ‰ 304 m RB 70 30 x 2.0 0.2 ‰ 710 m Datum Line(RL)-8.0m A4 A5 AĢ A7 A2 Aз A Point 2.07 0 2.07 2.07 2.08 2.07 Elevation 2.40 N Ground Surface(m) -0.278 -0.297 -0.397 554 -0.417 215 0.154 -0.012 Sewer Invert 0 Ó Elevation (m) 1121 0.1 ∠ ∠ 401 1426 1527 0000 33 Total Length (m)

1:100 Vertcal



	Y	eoir I	979			Yeor	5 000		Details	s of Prop	posed Dro	oins to	occept	runoff	Existing	Drain		
Line NO.	Total Area	지 않으면 가지 않는	Stor age Coefficient	Runoff	Total Area	Runoff Coefficient	Storage Coefficint	1 1 1	Length	Slope of Sewer	Velocity	Time of oncentration	Capacity	Size	Size	Copacity	Malor	Reserve Width
	ha.			m³/S	hà			m∛S	m	°/00	m/S	i č min	m∛ S	m	m	m∛ S		m
Contribuing drea	• 15.9	0.3			∦ 19.6 ₀ 41.3	0.30 0.65						45.8						
A1 - A2	• 9.7 2.7	0.3 0.4	0.80	1,655	6.8	0.65	0.91	8.076	710	0.2	0.99	57.8	8.510	RB 7.0 3.0 x 2.0	E 15.0 x 2.0	5 28	12 584	30.00
A2 - A3	11.7	0.4	0.78	2.242	9.6	0.65	0.88	8.697	304	0.2	1.03		10.794	RB	E 14.0 7.0 x2.0			30.00
A3 - A4	• 51.5	0,3 0,3		5.333	14,3	0.65		9.818	317	0.2			10 794	RB 8.0 4 0x2.0	E 140x20		a san san sa	
A4 - A5		0.4		5.333	19.9 I.O	0.65 0.85		12.086	95	0.2	1.07		13 125	RB	E 14.0x2.0 7.0x2.0			30.00
A5 - A6	13.9	0.4	and a start of a	5.759	° 6 5 8 0 2 3	0.65 0.65 0.85		13.973		0.2			14.448	KB 92	E 150 x20			20.00
<b>A6</b> - A7		0.65		5.785	•    6   0  3	0.65 0.65 0.85		17.011	184	0.2	1,16		18.631	RB	E 15.0 x2.0 7.0 x2.0			20.00
											1.1							
																	:	
													· · · ·					
											-							
																	•	
										<b>4</b>		1						
														et i la secola de Secola de telefonia de la secola de la se Secola de la secola d	3 E N D			





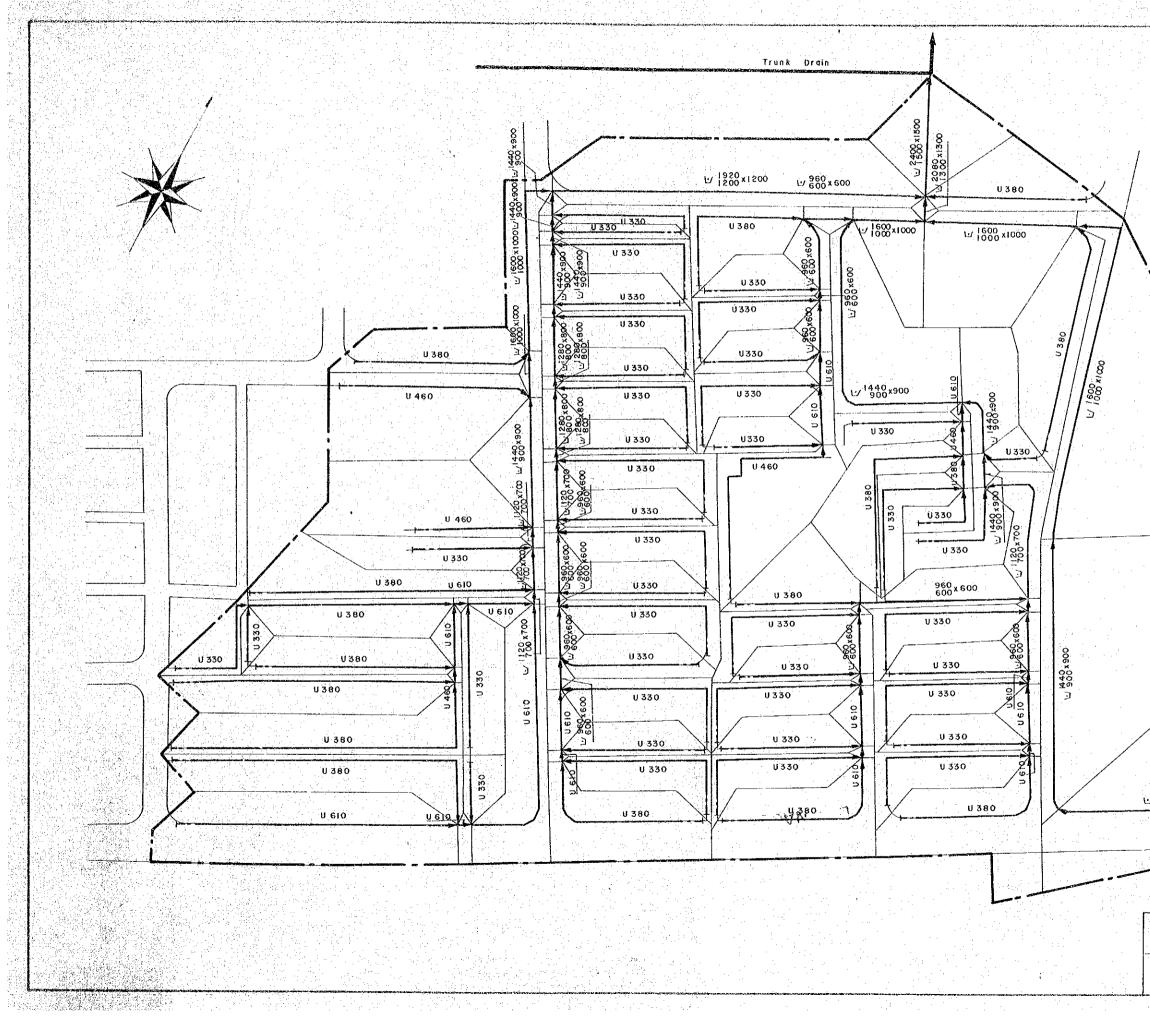
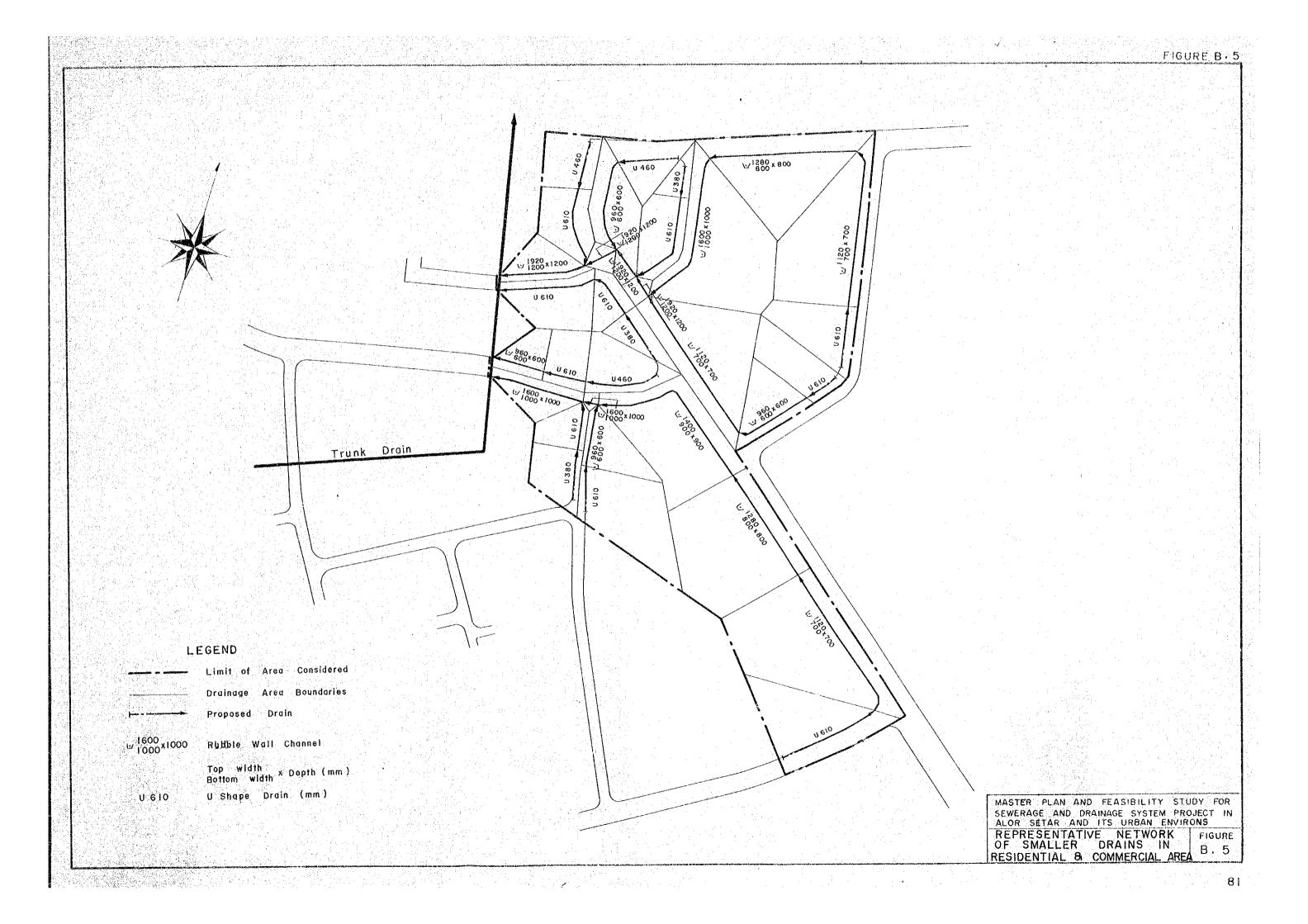
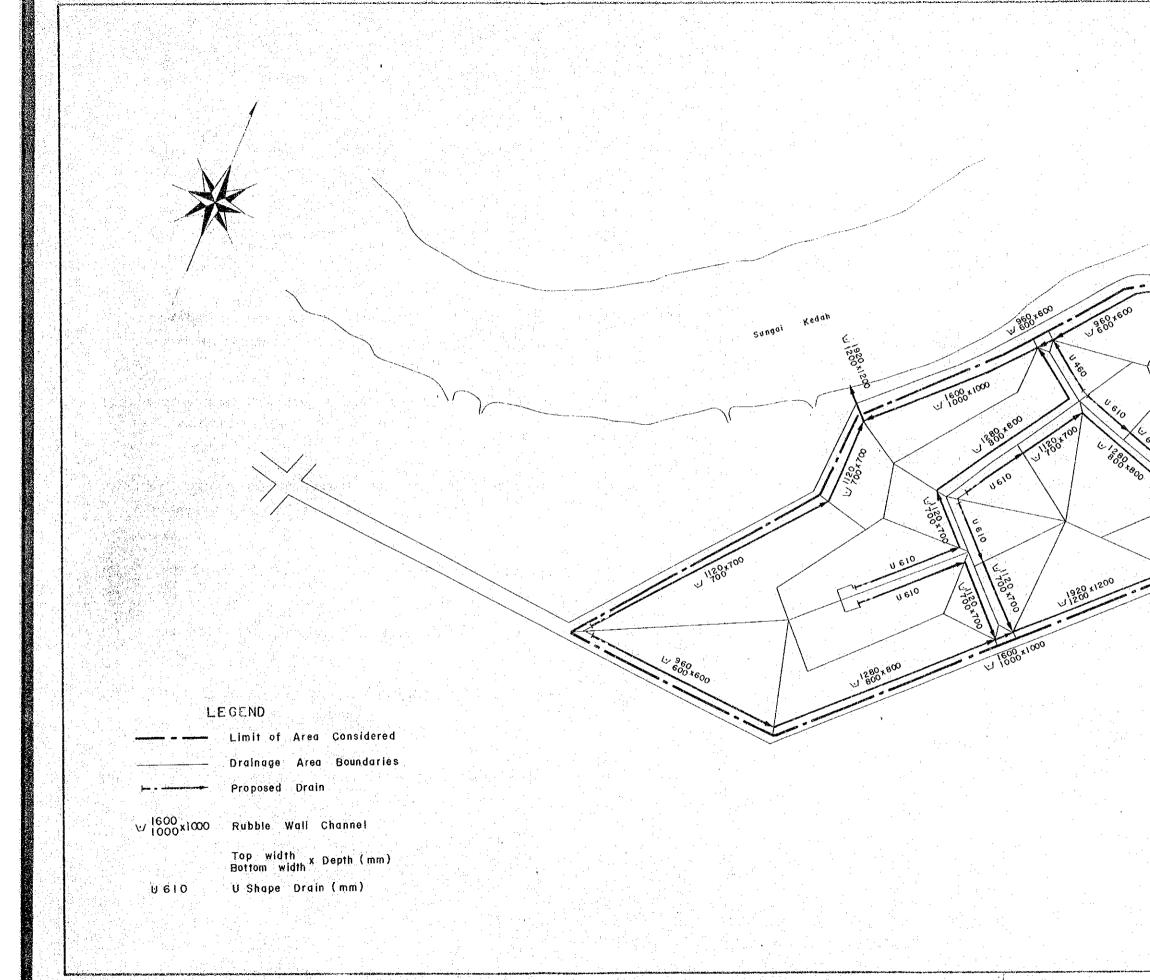
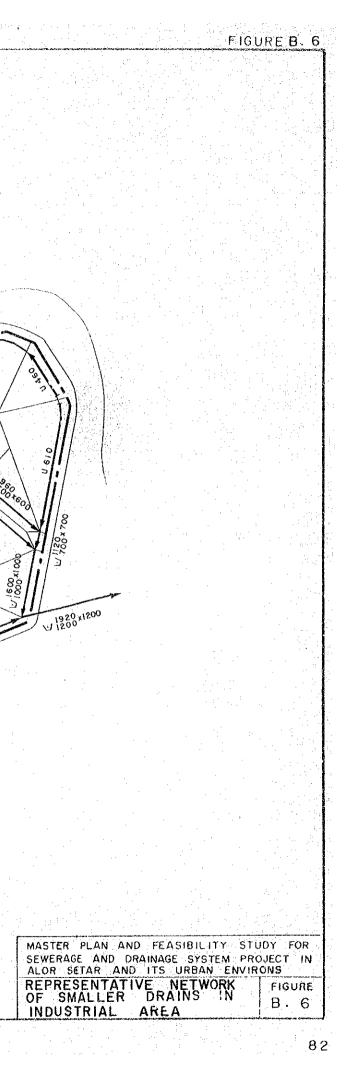


			FIGURE B. 4
		EGEND Limit of Area Drainage Area	
U 3 80	\	Proposed Drain Rubbie Wall Top width x [ Bottom width	
	U S IO	U Shape Drain	
088 J 088 J 098 S 000 1 x 000 000 1 x 000 0 x 00000 0 x 0000 0 x 0000 0 x 0000 0 x 000000 0 x 00000000			
00(e x 665) 007 x 655 10 007 x 655			
u 6 10 10 10 10 10 10 10 10 10 10 10 10 10			
	ب <sup>1</sup> لور ۲۰۵۵		
	MASTER PLAN A	ND FEASIBILITY DRAINAGE SYSTEM	STUDY FOR PROJECT IN
	ALOR SETAR A	ND ITS URBAN EN TIVE NETWORN CORAINS IN	VIRONS







# ANNEX C - LIST OF REFERENCES

- Planning and Design Procedure No.1, "URBAN DRAINAGE DESIGN STANDARDS AND PROCEDURES FOR PENINSULAR MALAYSIA" (1975) DID
- (2) Hydrological Procedure No.1 "ESTIMATION OF THE DESIGN RAINSTORM"(1973) DID
- Hydrological Procedure No.11 "DESIGN FLOOD HYDROGRAPH ESTIMATION
   FOR RURAL CATCHMENTS IN PENINSULAR MALAYSIA" (1976) DID
- (4) Hydrological Procedure No.16 "FLOOD ESTIMATION FOR URBAN AREAS IN PENINSULAR MALAYSIA" (1976) DID
- Hydrological Procedure No.18 "HYDROLOGICAL DESIGN OF AGRICULTURAL DRAINAGE SYSTEMS" (1977) DID
- (6) "WPCF MANUAL OF PRACTICE No.9" (USA) (1970)
- (7) "MANUAL OF SEWERAGE FACILITIES DESIGN" (JAPAN) (1972)
- (8) "THE ROLE OF INFILTRATION IN THE HYDROLOGIC CYCLE TRANS. AGO, Vol. 14" (1933) R.F. HORTON
- (9) "CIVIL ENGINEERING 29, 174" (1959) W.S. KERBY

the second second

