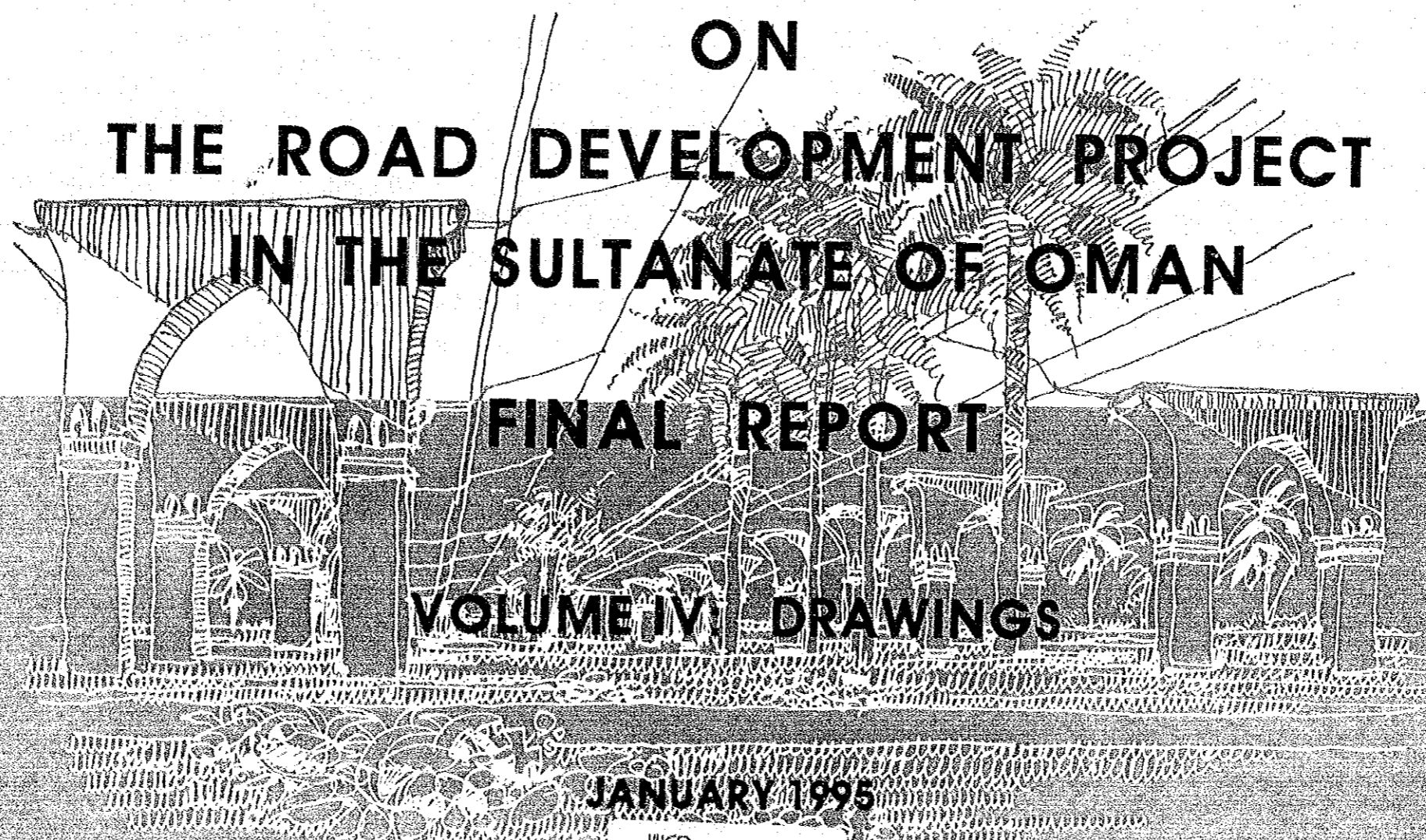


JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)
MINISTRY OF COMMUNICATIONS
THE SULTANATE OF OMAN

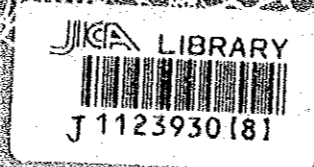
THE STUDY
ON
THE ROAD DEVELOPMENT PROJECT
IN THE SULTANATE OF OMAN



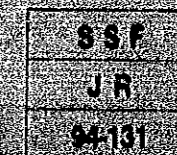
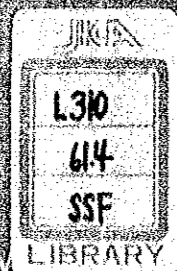
FINAL REPORT

VOLUME IV DRAWINGS

JANUARY 1995



PACIFIC CONSULTANTS INTERNATIONAL
FUKUYAMA CONSULTANTS INTERNATIONAL



THE STUDY ON THE ROAD DEVELOPMENT PROJECT IN THE SULTANATE OF OMAN - FINAL REPORT - VOLUME IV DRAWINGS

JICA

J17237308

**JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)
MINISTRY OF COMMUNICATIONS
THE SULTANATE OF OMAN**

**THE STUDY
ON
THE ROAD DEVELOPMENT PROJECT
IN THE SULTANATE OF OMAN**

FINAL REPORT

VOLUME IV: DRAWINGS

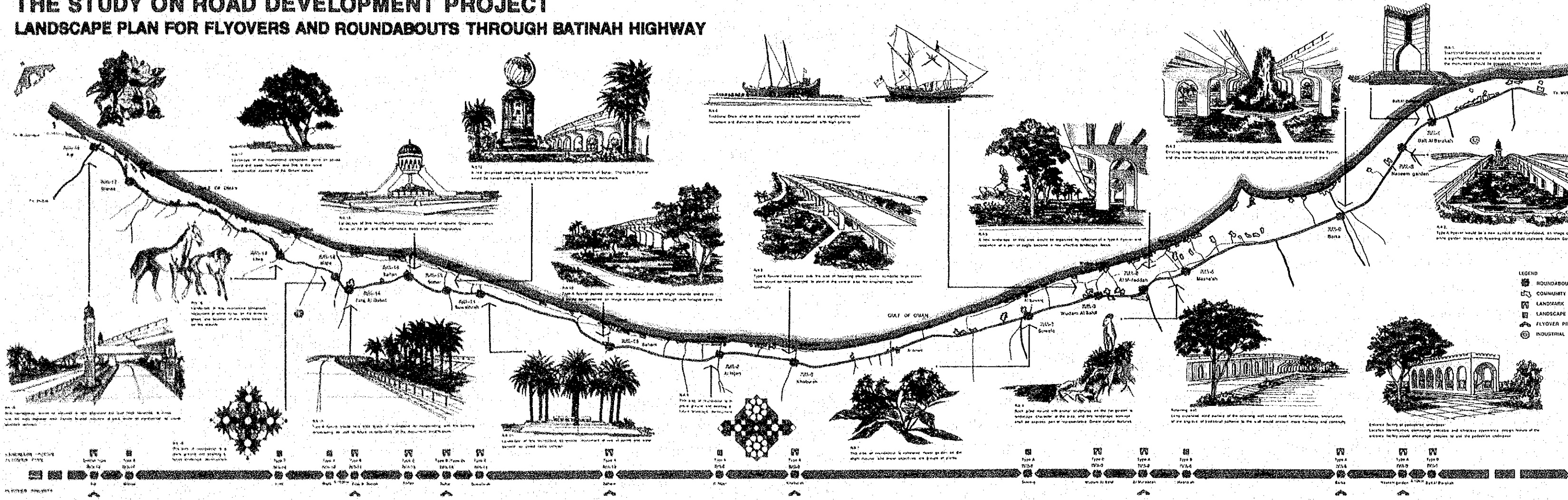
JANUARY 1995

**PACIFIC CONSULTANTS INTERNATIONAL
FUKUYAMA CONSULTANTS INTERNATIONAL**



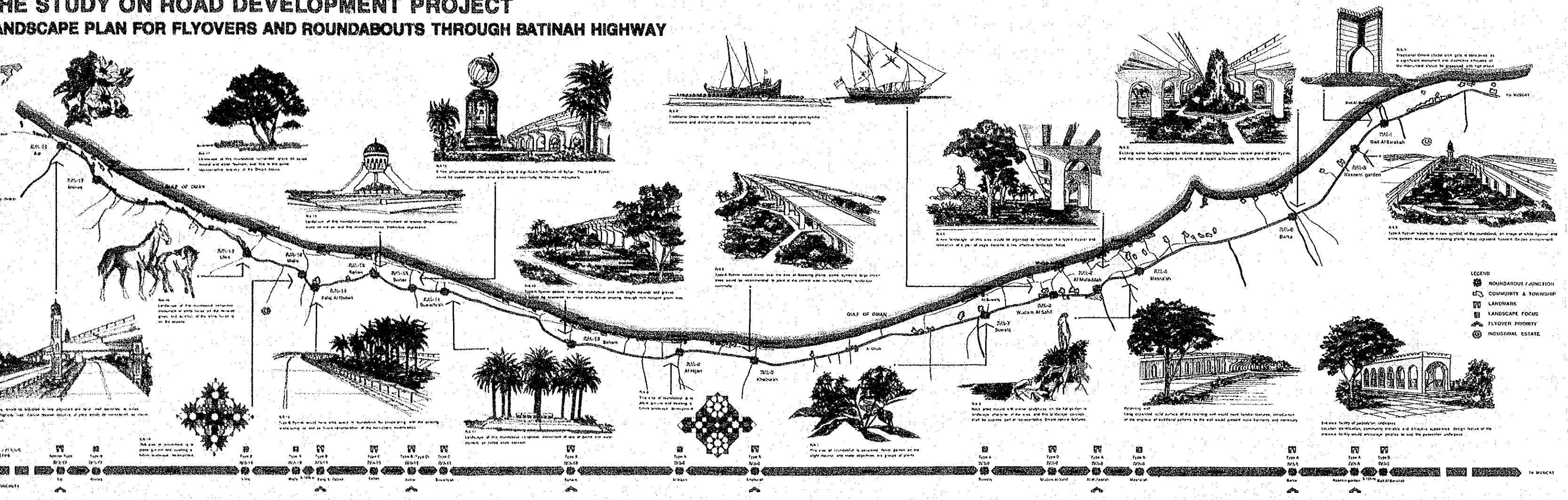
1123930 [8]

THE STUDY ON ROAD DEVELOPMENT PROJECT LANDSCAPE PLAN FOR FLYOVERS AND ROUNDABOUTS THROUGH BATINAH HIGHWAY



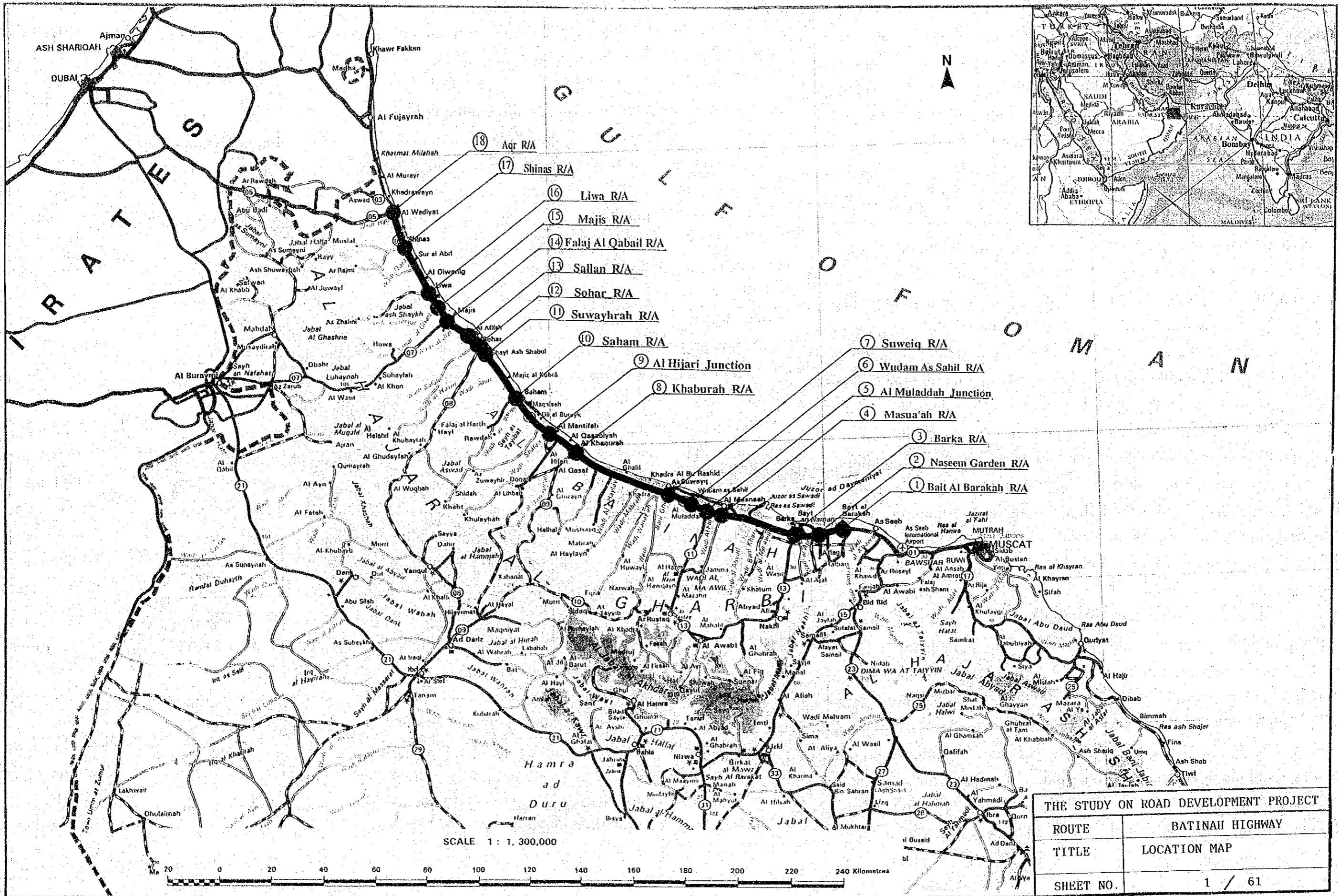
THE STUDY ON ROAD DEVELOPMENT PROJECT

LANDSCAPE PLAN FOR FLYOVERS AND ROUNDABOUTS THROUGH BATINAH HIGHWAY



INDEX OF DRAWINGS

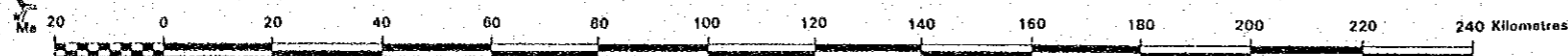
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G U L F O F O M A N

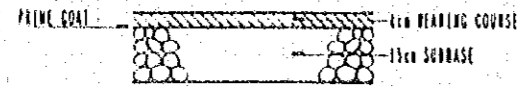
- (18) Aqr R/A
- (17) Shinas R/A
- (16) Liwa R/A
- (15) Majis R/A
- (14) Falaj Al Qabail R/A
- (13) Sallan R/A
- (12) Sohar R/A
- (11) Suwayhrah R/A
- (10) Saham R/A
- (9) Al Hijari Junction
- (8) Khaburah R/A
- (7) Suweiq R/A
- (6) Wudam As Sahil R/A
- (5) Al Muladdah Junction
- (4) Masua'ah R/A
- (3) Barka R/A
- (2) Naseem Garden R/A
- (1) Bait Al Barakah R/A

SCALE 1 : 1,300,000

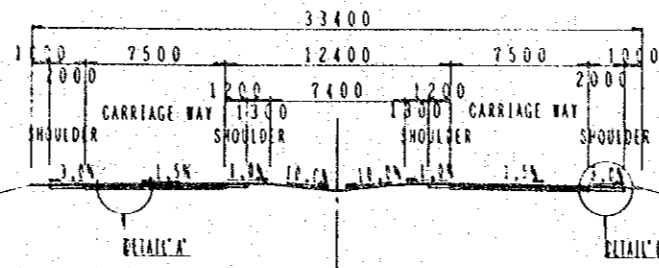


THE STUDY ON ROAD DEVELOPMENT PROJECT	
ROUTE	BATINAH HIGHWAY
TITLE	LOCATION MAP
SHEET NO.	1 / 61

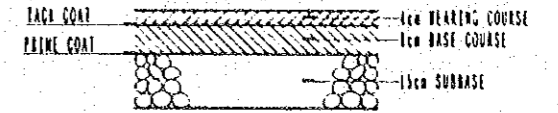
THE STUDY ON ROAD DEVELOPMENT PROJECT	
ROUTE	BATINAH HIGHWAY
TITLE	TYPICAL CROSS SECTION (1)
SHEET NO.	2 / 61



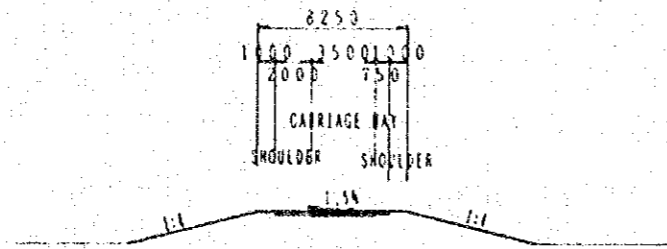
DETAIL 'B'
SCALE 1:20



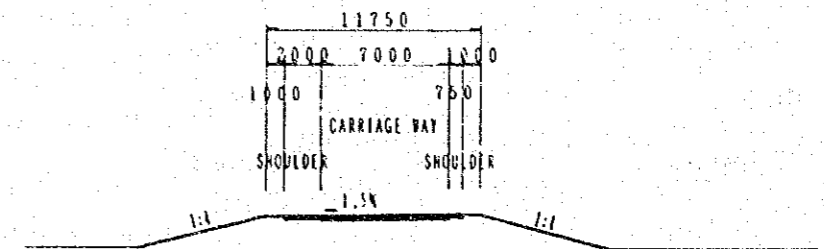
GENERAL SECTION



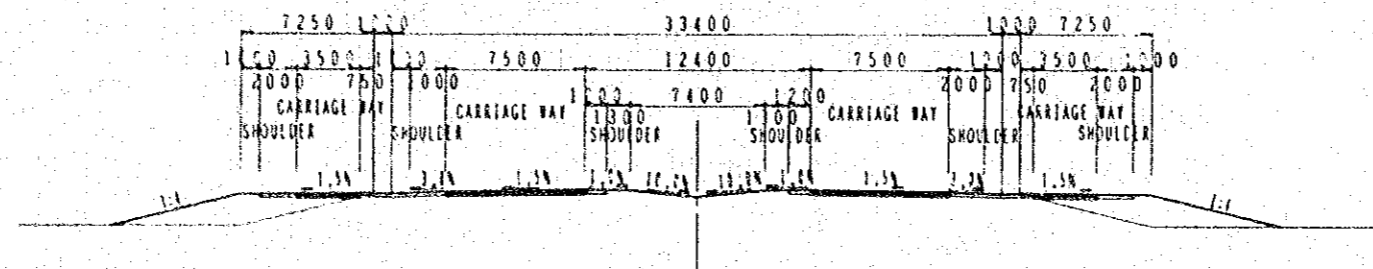
DETAIL 'A'
SCALE 1:20



RAMP WAY SECTION
(1 LANE) SCALE 1:400

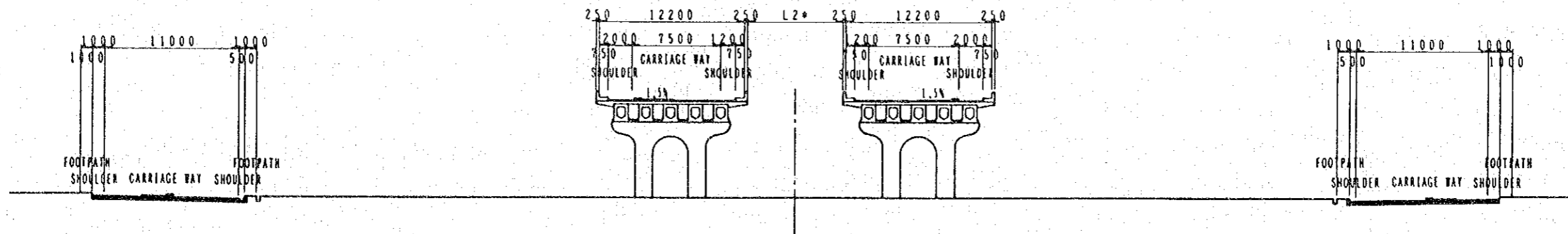


RAMP WAY SECTION
(2 LANES) SCALE 1:400



SPEED CHANGE SECTION
SCALE 1:400

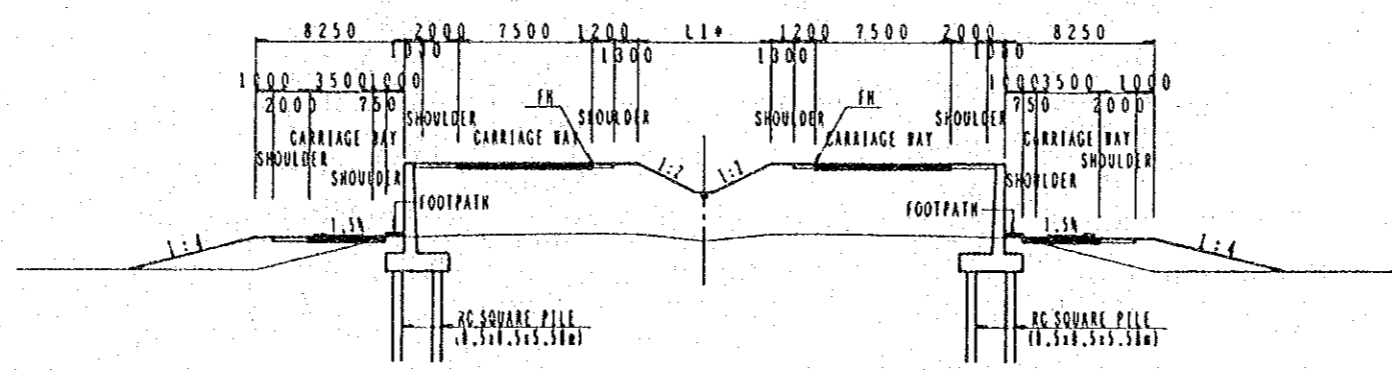
THE STUDY ON ROAD DEVELOPMENT PROJECT	
ROUTE	BATINAH HIGHWAY
TITLE	TYPICAL CROSS SECTION (2)
SHEET NO.	3 / 61



R/A SECTION
SCALE 1:400

NOTE: L 1 AND L 2 VARY AS THE FOLLOWING TABLE

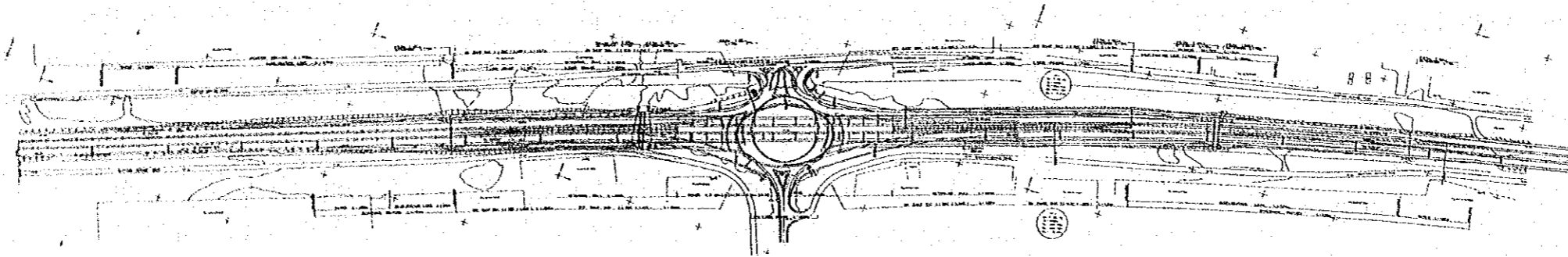
TYPE OF R/A	L 1 (m)	L 2 (m)
A	7.4	8.0
B	7.4 ≤ L ≤ 34.0	



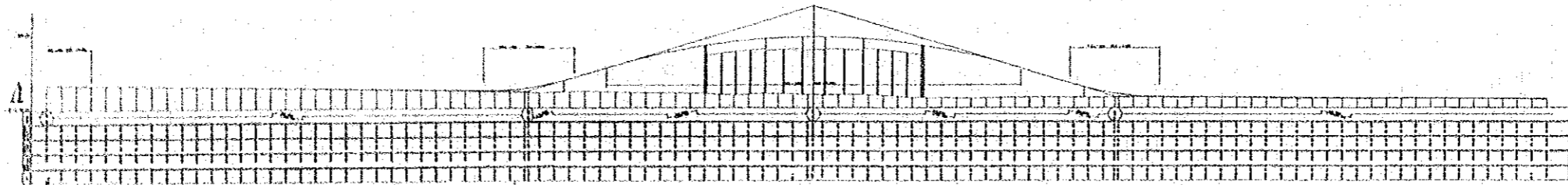
RETAINING WALL SECTION
SCALE 1:400

THE STUDY OF ROAD DEVELOPMENT PROJECT	
ROUTE	BATINAH HIGHWAY
TITLE	ROUNDABOUT 2 (NASEEM GARDEN) GENERAL DRAWING
SHEET NO	4 / 61

PLAN 5=1/4000

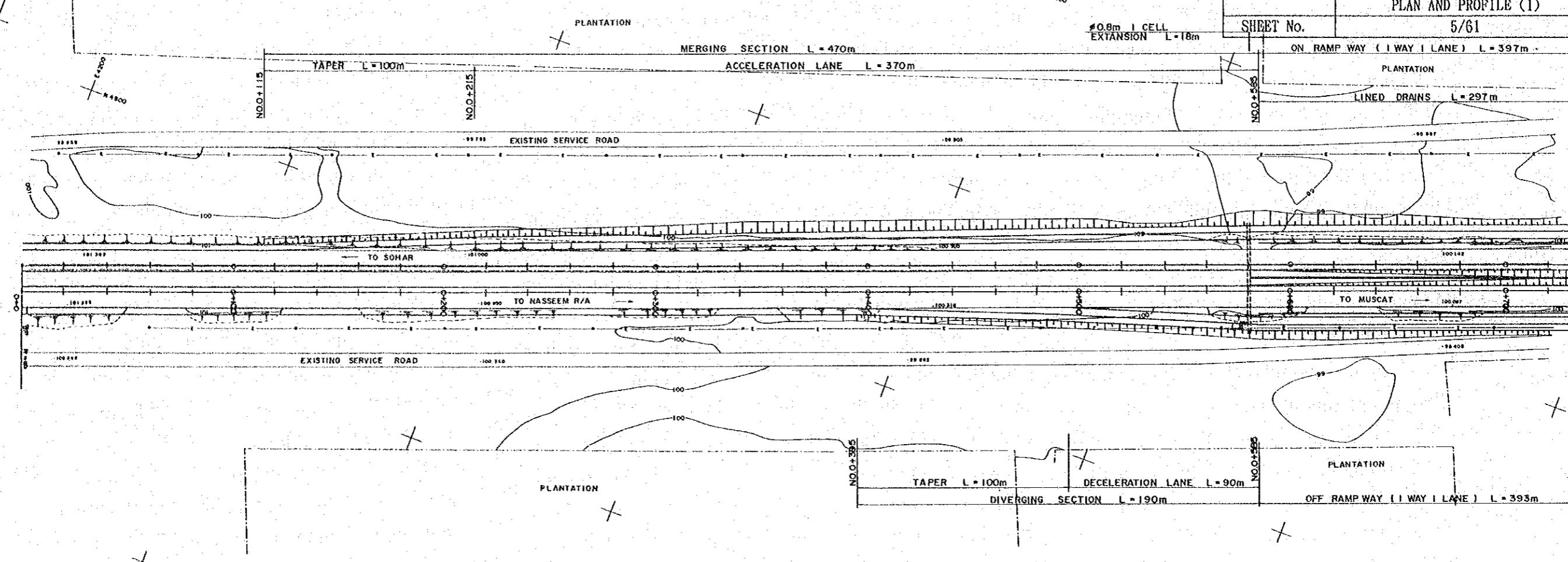


PROFILE V=1/400
H=1/4000

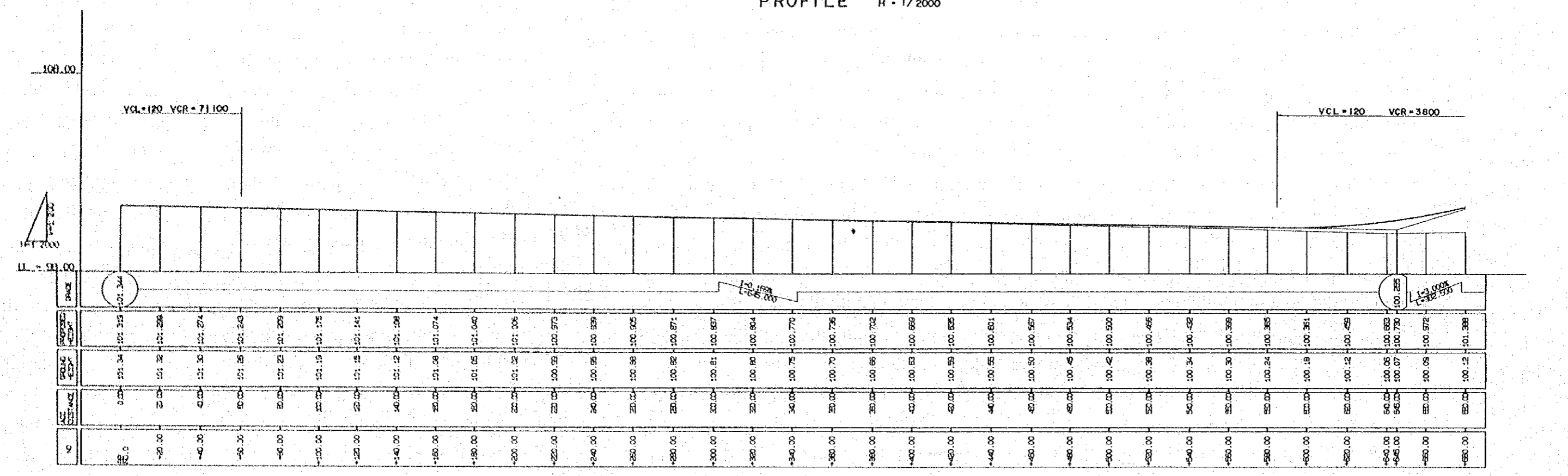


THE STUDY NO ROAD DEVELOPMENT PROJECT	
ROUTE	BATINAH HIGHWAY
TITLE	ROUNDABOUT-2 (NASEEM GARDEN) PLAN AND PROFILE (1)
SHEET No.	5/61

PLAN S = 1/2000

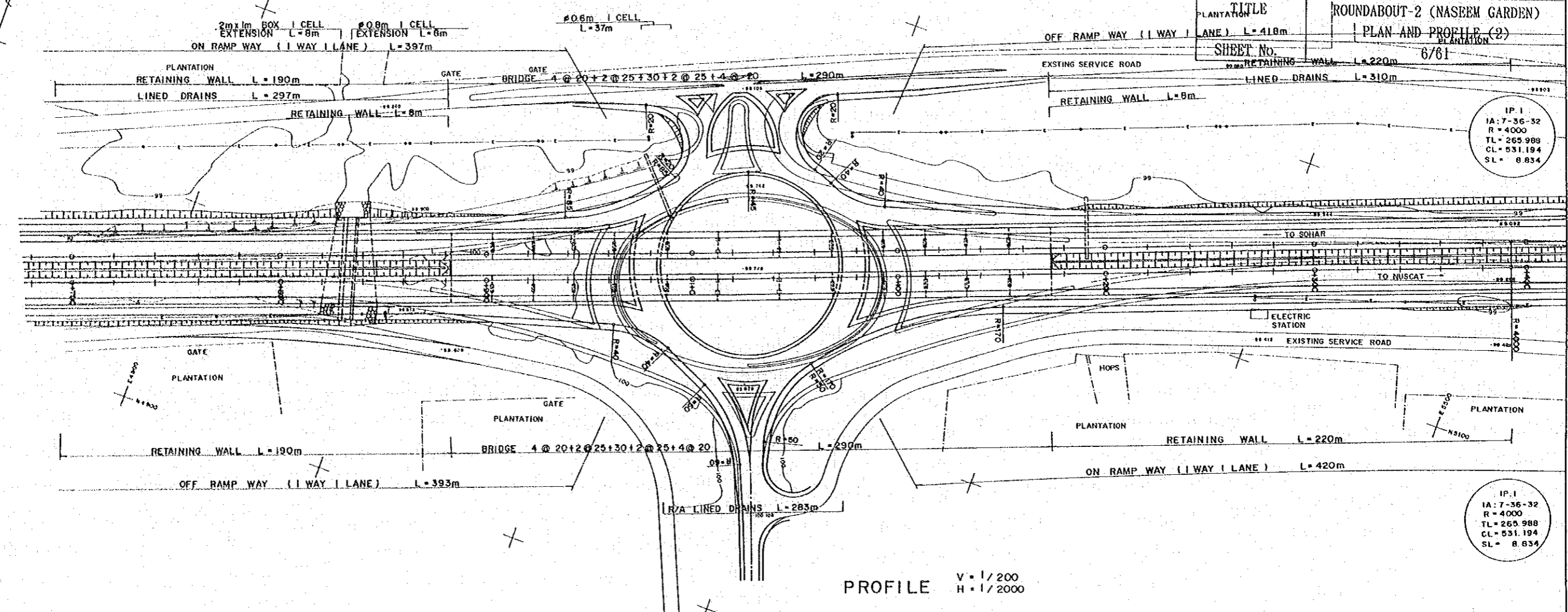


PROFILE V = 1/200
H = 1/2000



THE STUDY NO ROAD DEVELOPMENT PROJECT
 ROUTE BATINAH HIGHWAY
 TITLE ROUNDABOUT-2 (NASEEM GARDEN)
 PLAN AND PROFILE (2)
 SHEET No. 6/61

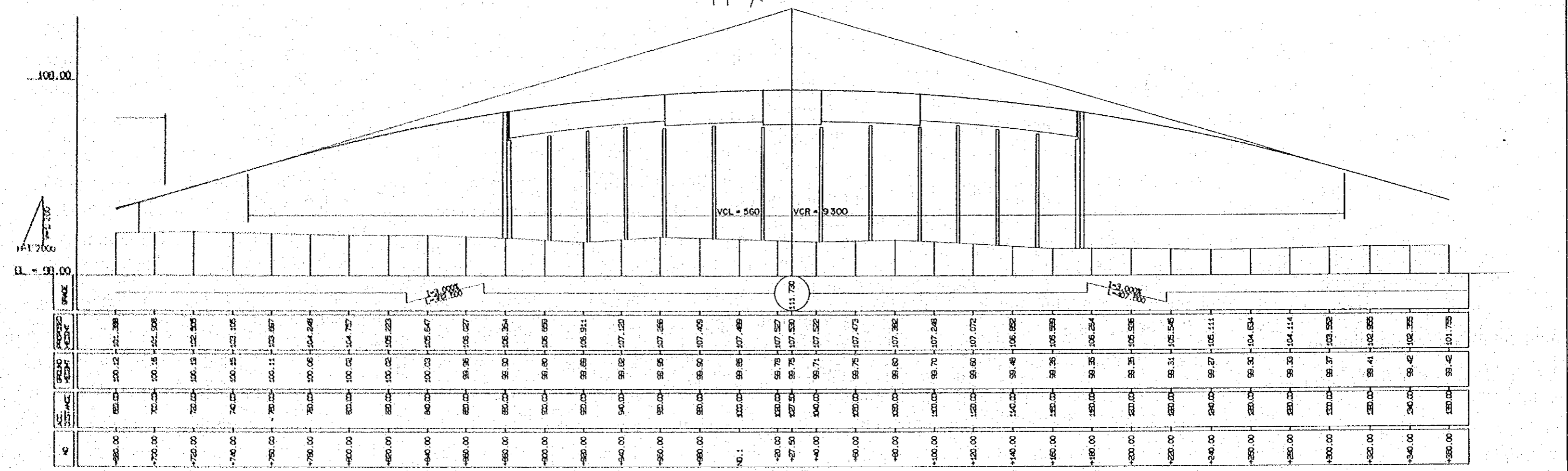
PLAN S = 1/2000



IP.1
 IA: 7-36-32
 R = 4000
 TL = 265.988
 CL = 531.194
 SL = 8.634

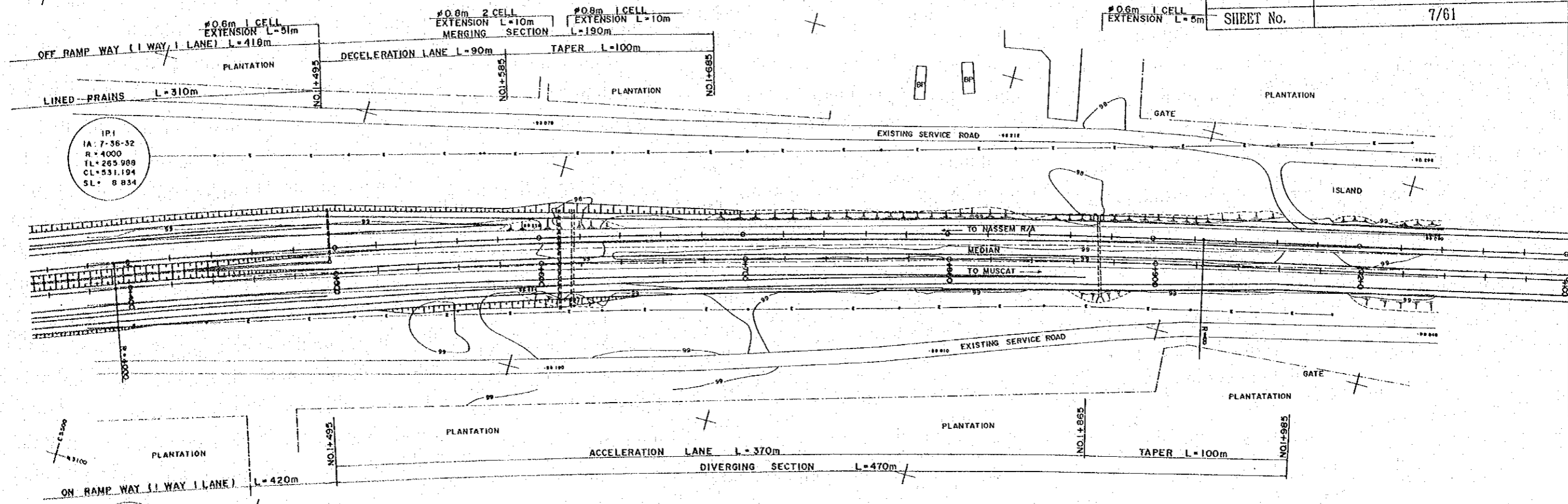
IP.1
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 R = 4000
 TL = 265.988
 CL = 531.194
 SL = 8.634

PROFILE V = 1/200
 H = 1/2000



PLAN s-1/2000

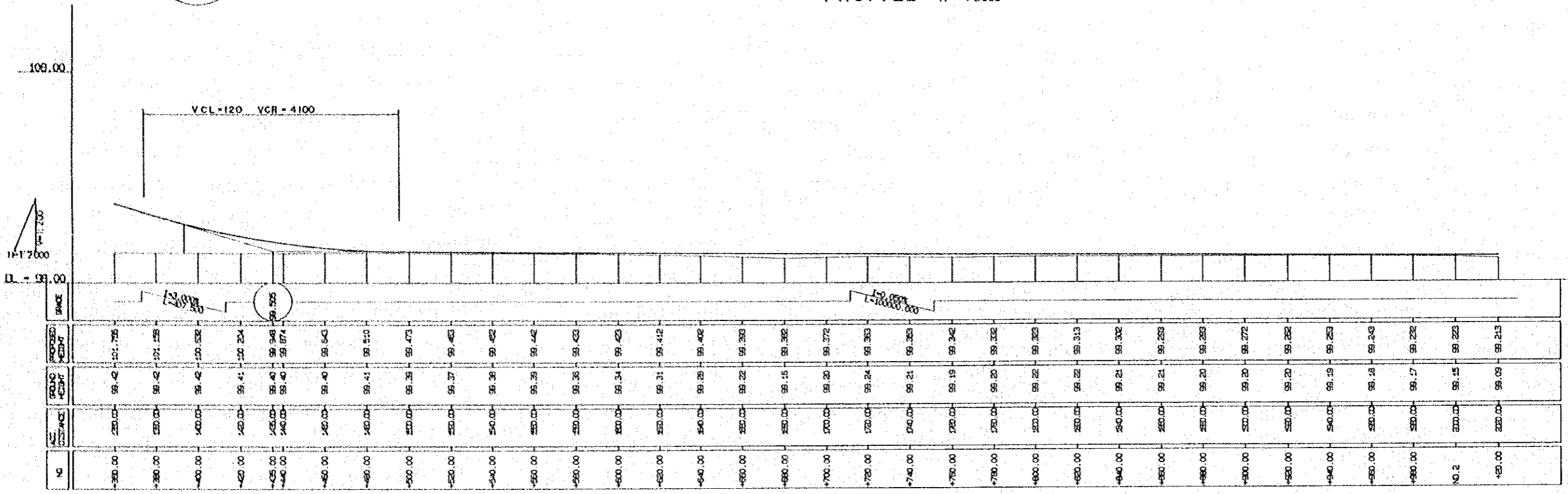
THE STUDY NO ROAD DEVELOPMENT PROJECT	
ROUTE	BATINAH HIGHWAY
TITLE	ROUNDAABOUT-2 (NASEEM GARDEN) PLAN AND PROFILE (3)
SHEET No.	7/61

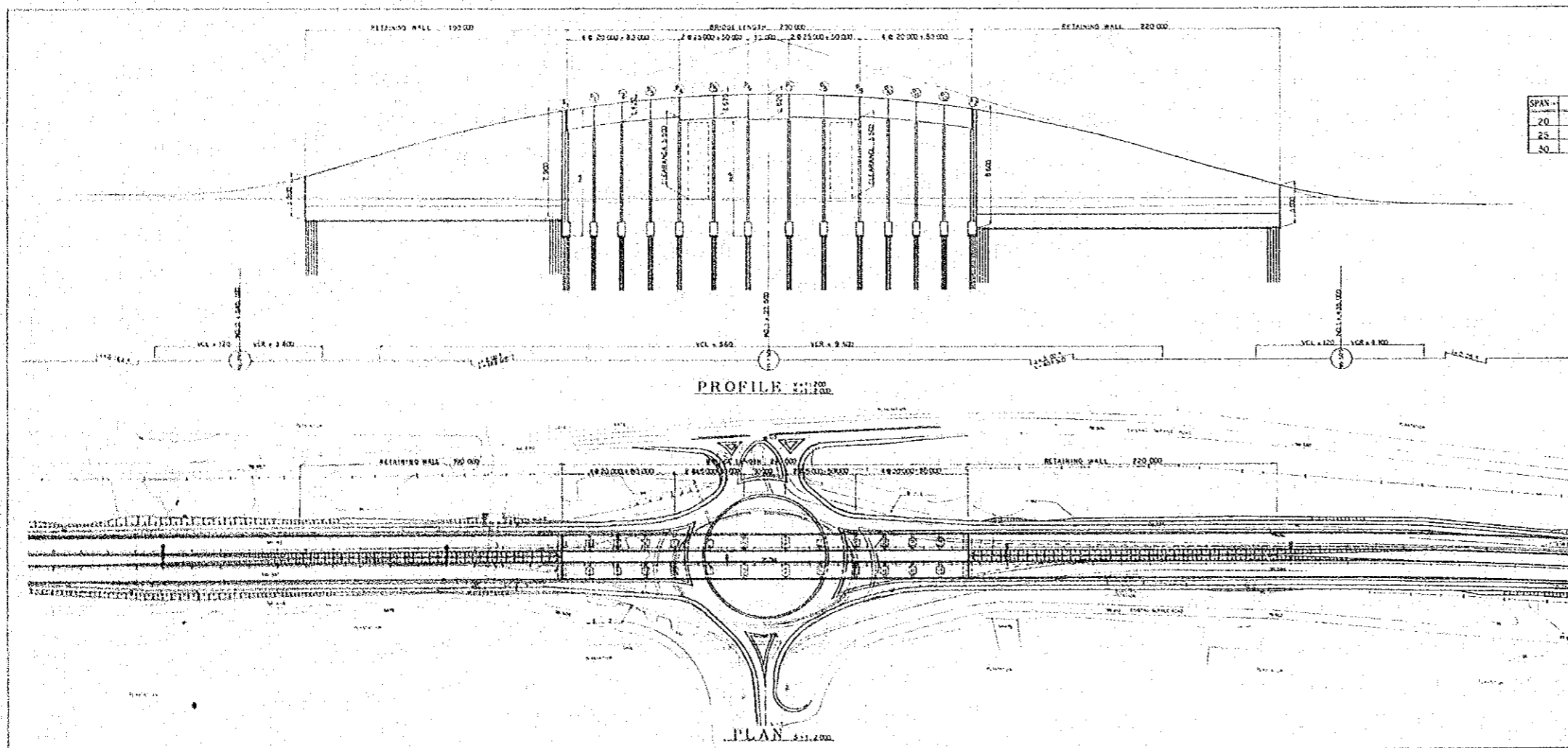


IP.1
IA: 7-36-32
R = 4000
TL = 265 988
CL = 631.194
SL = 6 834

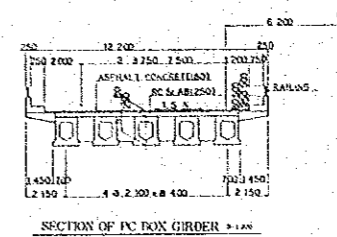
IP.1
IA: 7-36-32
R = 4000
TL = 265 988
CL = 631.194
SL = 6 834

PROFILE V = 1/200
H = 1/2000



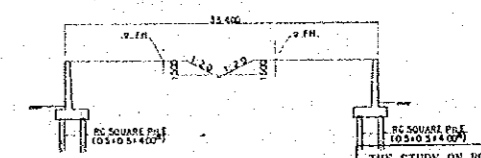
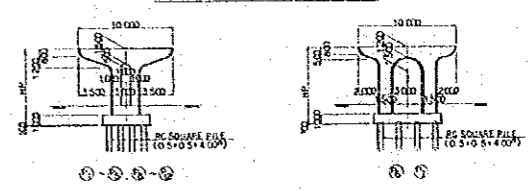
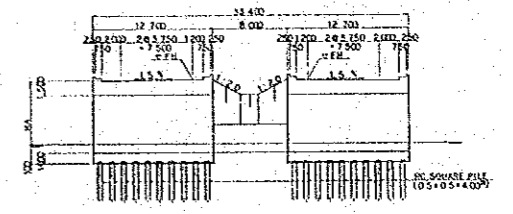


SPAN	h
20	10.00
25	12.50
30	14.00



LIST OF STRUCTURE HEIGHT

	HA OR HP (m)
A1 A2	9.1
P1 P12	8.0
P2 P11	8.2
P3 P10	8.4
P4 P9	8.3
P5 P8	8.5
P6 P7	8.4

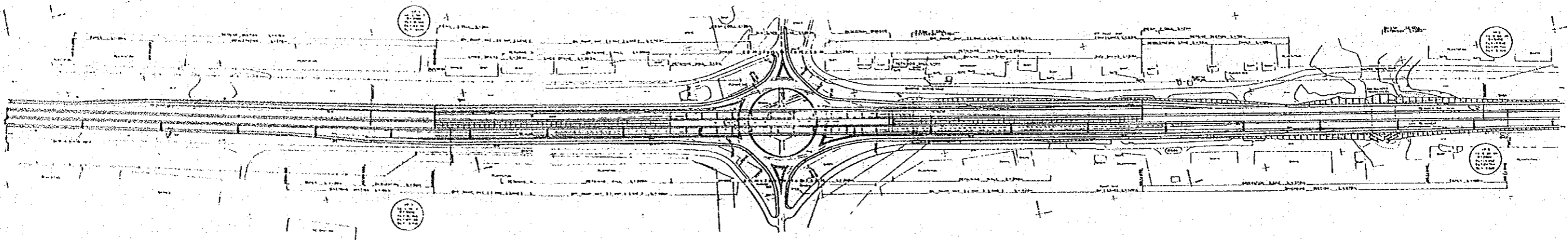


THIS STUDY ON ROAD DEVELOPMENT PROJECT

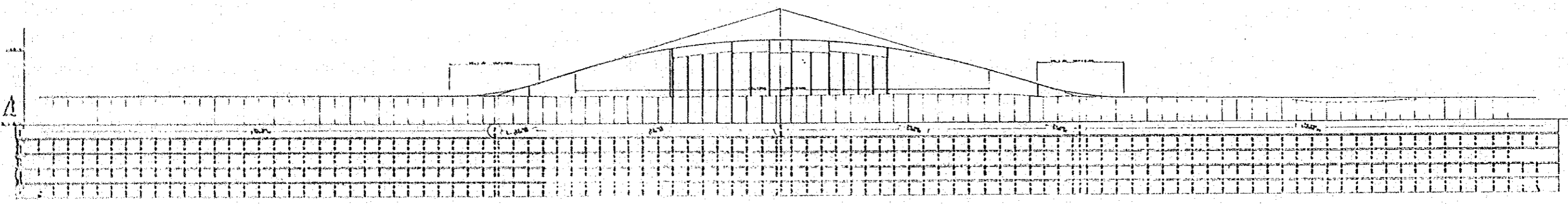
ROUTE	BATINAH HIGHWAY
TITLE	ROUNDABOUT-2 (NASEEM GARDEN) GENERAL VIEW OF BRIDGE
SHEET NO.	8 / 61

THE STUDY ON ROAD DEVELOPMENT PROJECT	
ROUTE	BATINAH HIGHWAY
TITLE	ROUNDABOUT-5 (BARKA) GENERAL DRAWING
SHEET NO.	9 / 61

PLAN S=1/4000



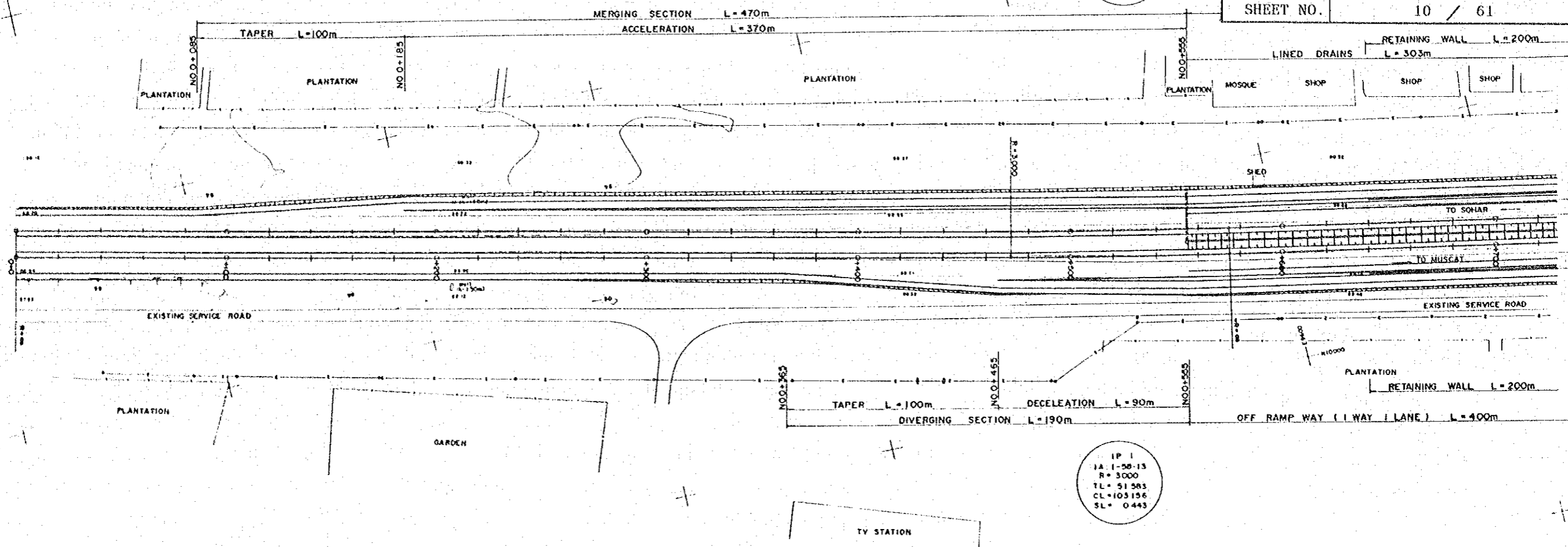
PROFILE V=1/400
H=1/4000



PLAN S=1/2000

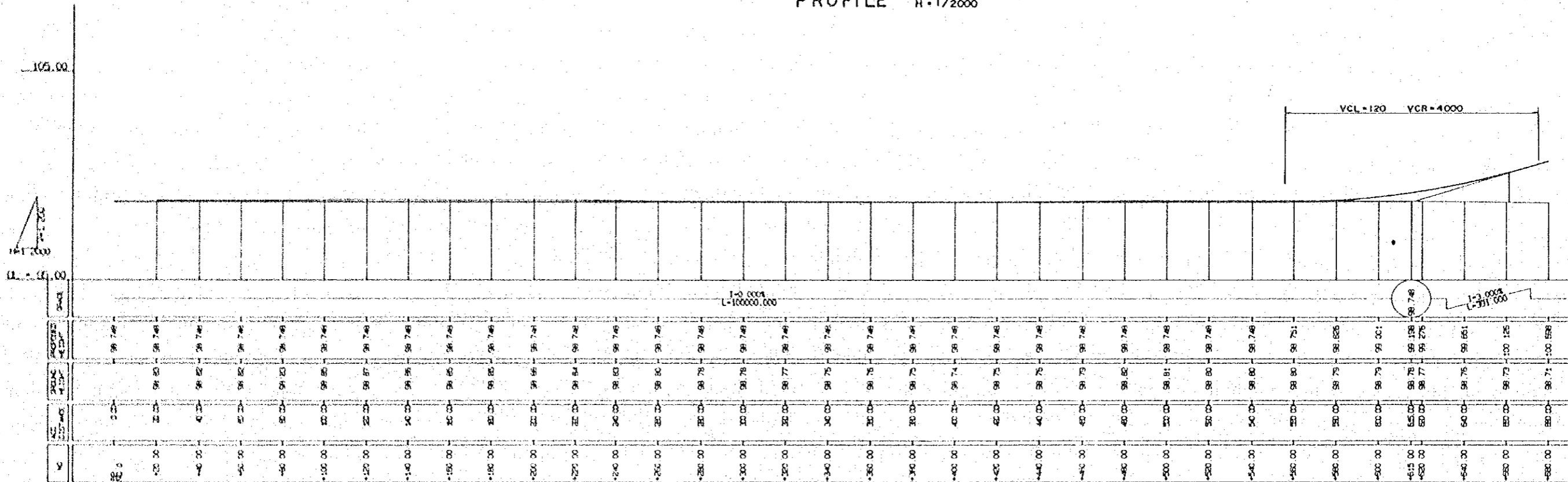
THE STUDY ON ROAD DEVELOPMENT PROJECT	
ROUTE	BATINAH HIGHWAY
TITLE	ROUNDABOUT-5 (BARKA) PLAN AND PROFILE (1)
SHEET NO.	10 / 61

IP 1
IA: 1-58-13
R=3000
TL=51583
CL=103156
SL=0443



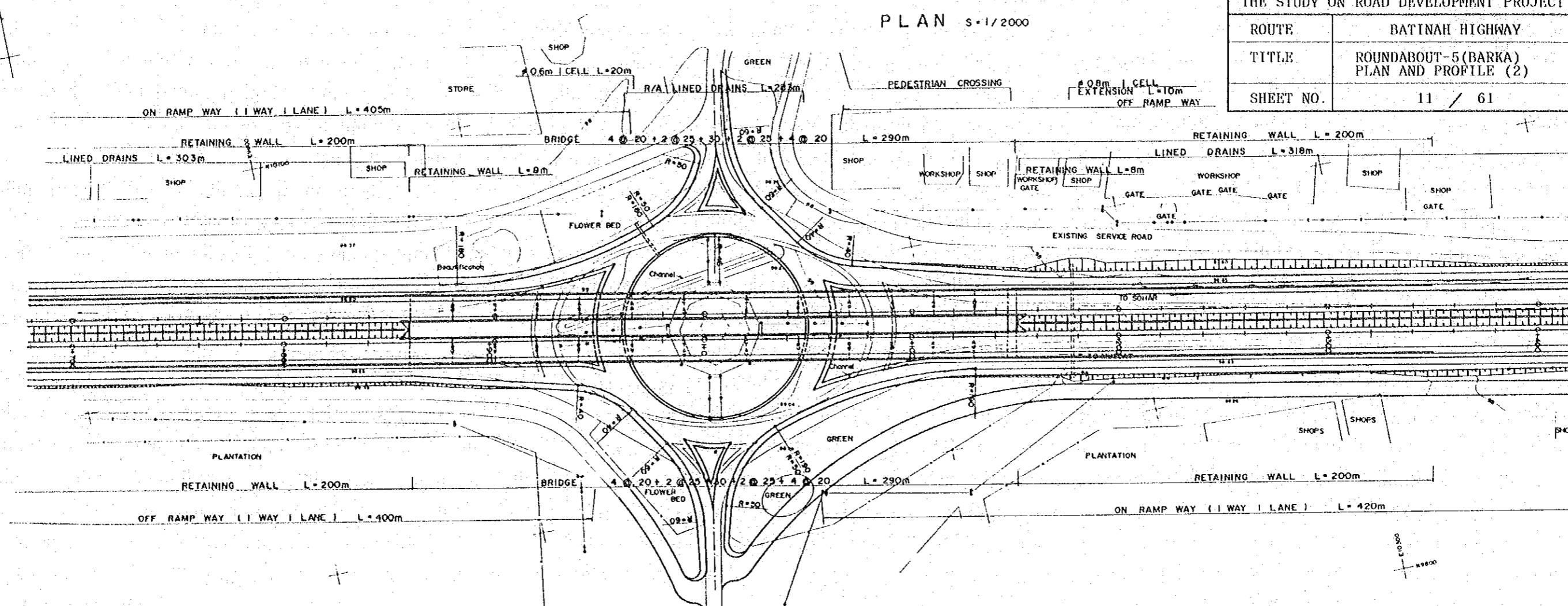
IP 1
IA: 1-58-13
R=3000
TL=51583
CL=103156
SL=0443

PROFILE V=1/200
H=1/2000

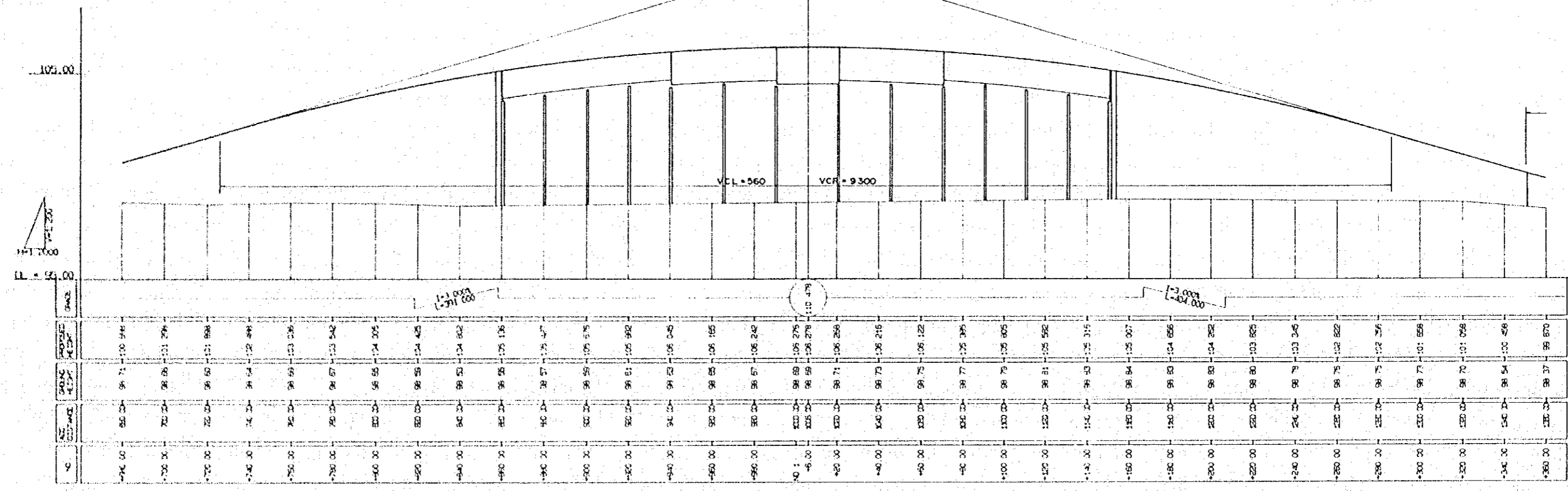


THE STUDY ON ROAD DEVELOPMENT PROJECT	
ROUTE	BATINAH HIGHWAY
TITLE	ROUNDABOUT-5 (BARKA) PLAN AND PROFILE (2)
SHEET NO.	11 / 61

PLAN S=1/2000

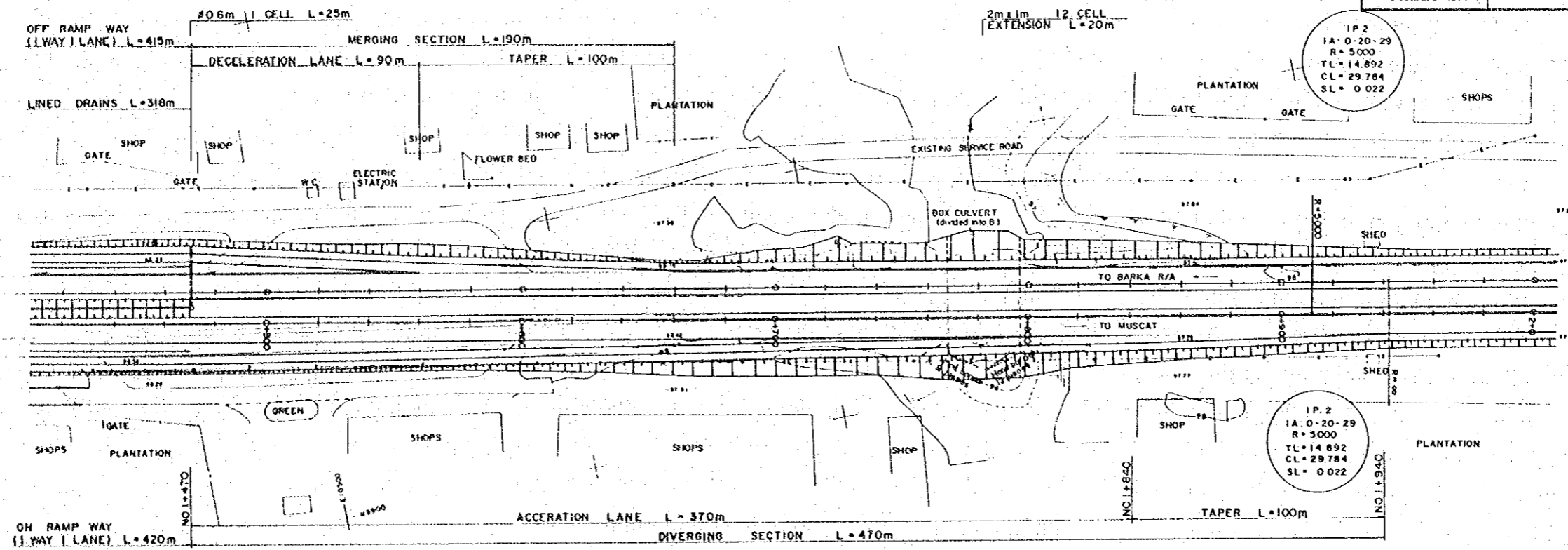


PROFILE V=1/200
H=1/2000

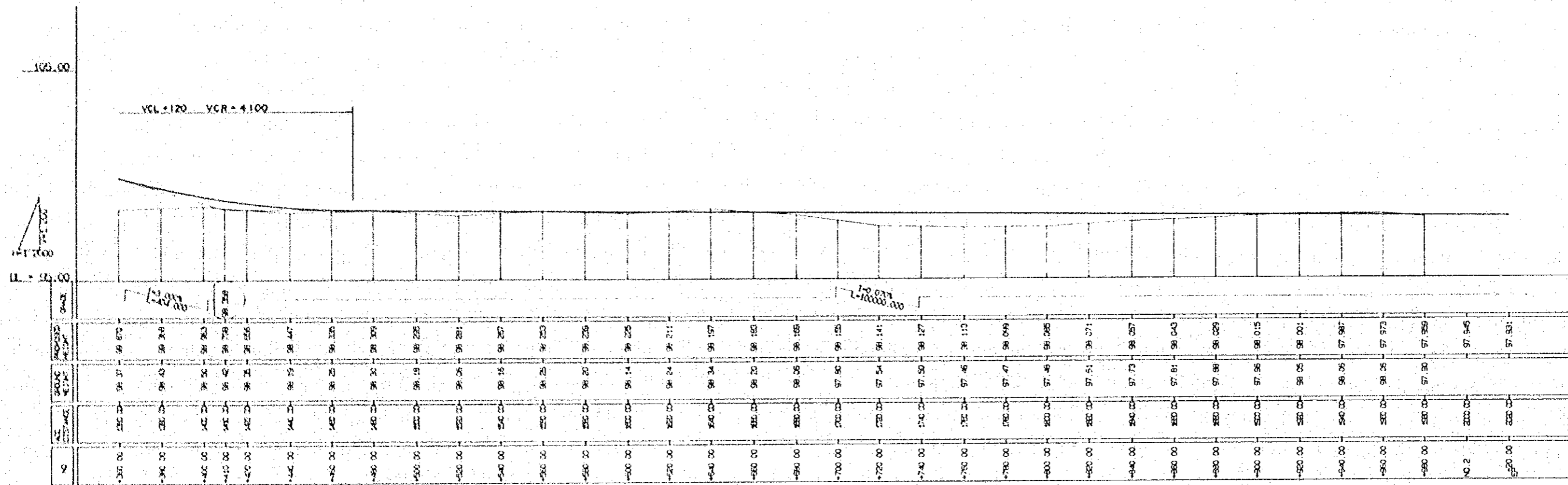


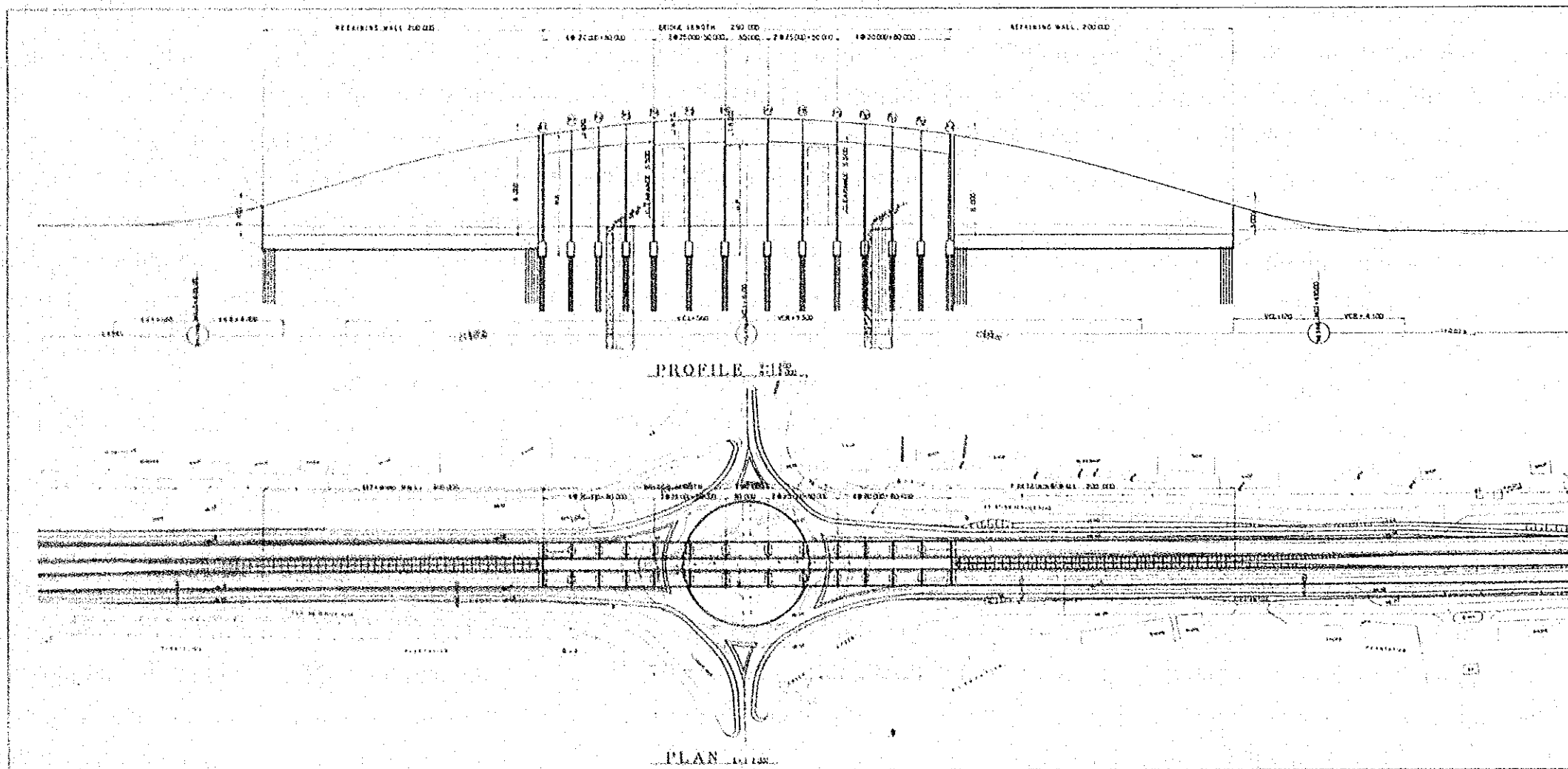
PLAN S. 1/2000

THE STUDY ON ROAD DEVELOPMENT PROJECT	
ROUTE	BATINAH HIGHWAY
TITLE	ROUNDABOUT-5 (BARKA) PLAN AND PROFILE (3)
SHEET NO.	12 / 61

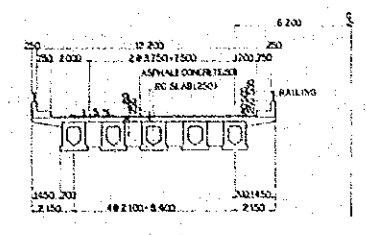


PROFILE V. 1/200
H. 1/2000

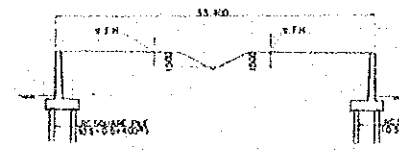
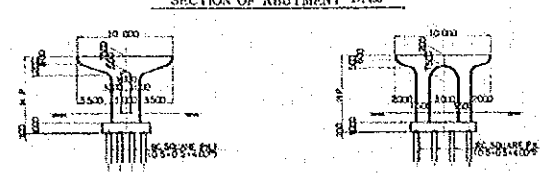
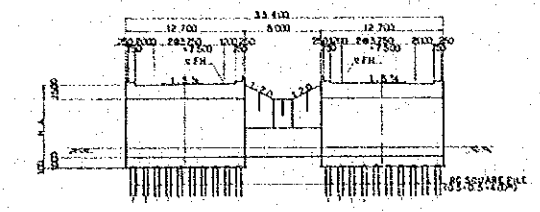




SAS	h (m)
Z0	1.500
Z5	1.250
Z6	1.400



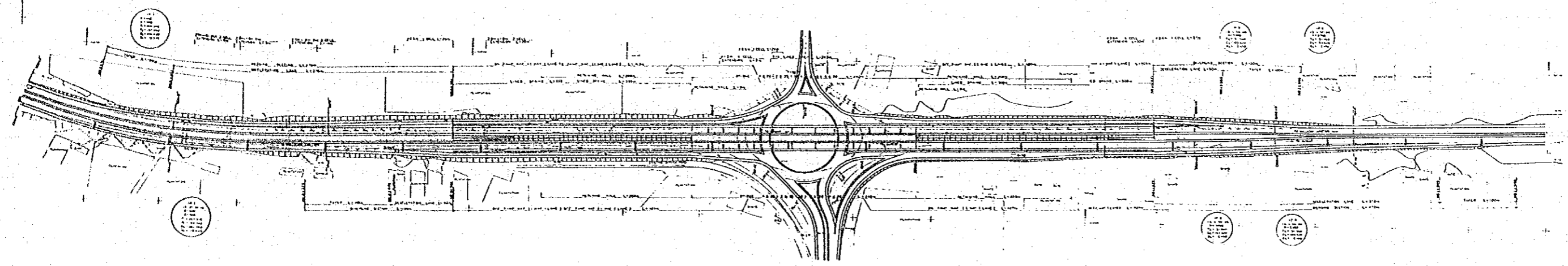
LIST OF STRUCTURE HEIGHT	
	H/A OR HP (m)
A1 A2	8.600
P1 P12	7.400
P2 P11	7.700
P3 P10	7.900
P4 P9	7.900
P5 P8	7.900
P6 P7	7.800



THE STUDY ON ROAD DEVELOPMENT PROJECT	
ROUTE	DATINH HIGHWAY
TITLE	ROUNDABOUT-3 (HAUKA) GENERAL VIEW OF BRIDGE
SHEET NO.	13 / 61

THE STUDY ON ROAD DEVELOPMENT PROJECT	
ROUTE	BATINAH HIGHWAY
TITLE	ROUNDAABOUT-5 (AL MULADDAH) GENERAL DRAWING
SHEET NO.	14 / 61

PLAN S-1/4000



PROFILE V=1/400
H=1/4000

