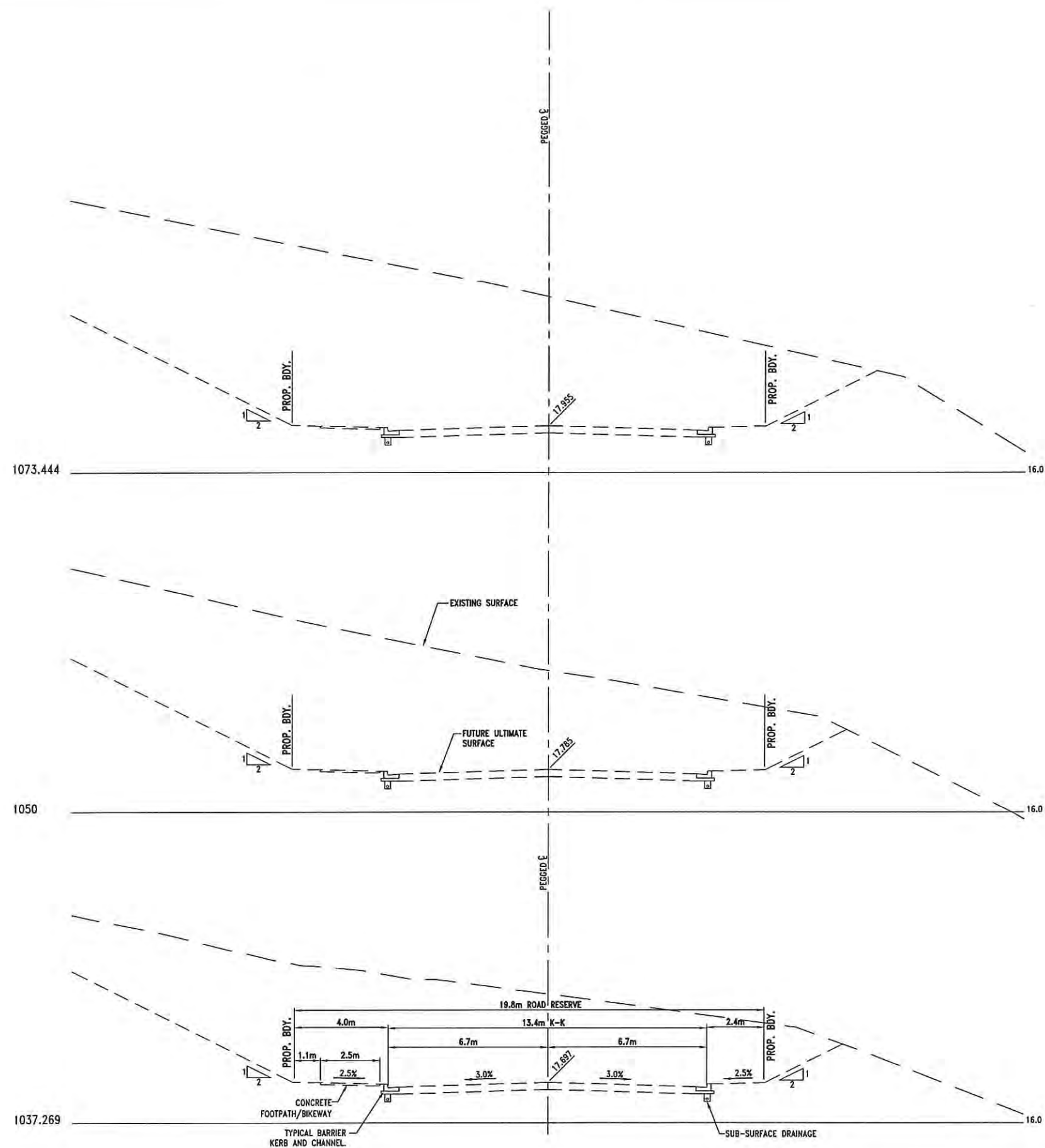


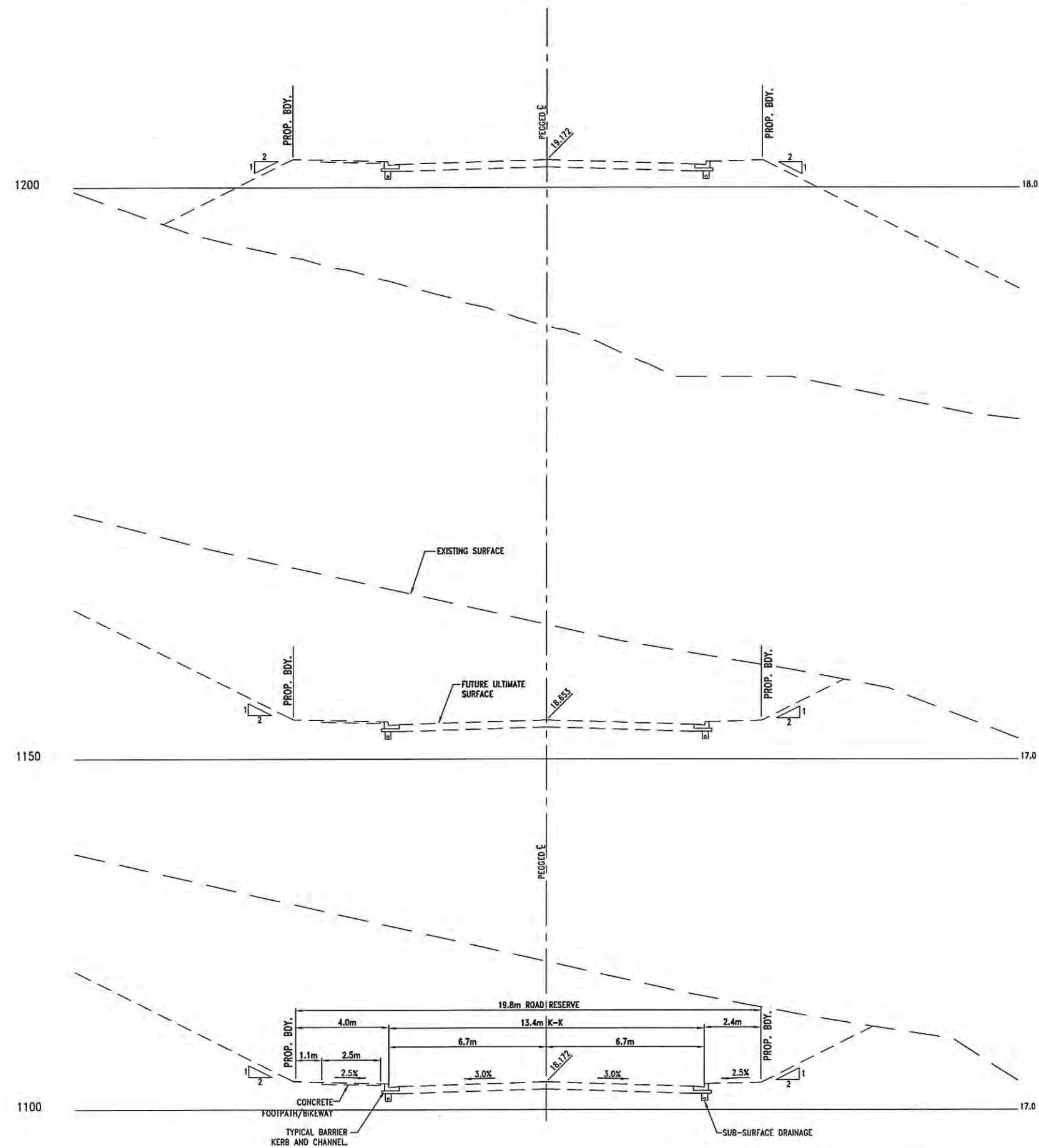


NOTE
FUTURE ULTIMATE
CONSTRUCTION BY OTHERS

1 0 1 2 3 4 5m
1 : 100 (FULL SIZE)

NEWLAND DEVELOPERS PTY LTD	09-374 23-02-2012
TERRANORA PRECINCT 1 BROADWATER PARKWAY CROSS SECTIONS - SHEET 8 OF 18	SK 3574 REVISION A

Bradford Lees Pty Ltd ABN 29 064 159 191 Ph 07 5528 6411 Fax 07 5528 6422 Web www.bradlees.com.au Email mail@bradlees.com.au Postal PO Box 2293, Southport QLD 4215 Gold Coast Office Level 1, 34 Thomas Drive, Chevron Island QLD 4217	 Bradlees Civil Consulting	 QUALITY ASSURED COMPANY AS/NZS ISO 9001:2008 REG. NO. 231
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NOTE
FUTURE ULTIMATE
CONSTRUCTION BY OTHERS

NEWLAND DEVELOPERS PTY LTD

09-374
23-02-2012

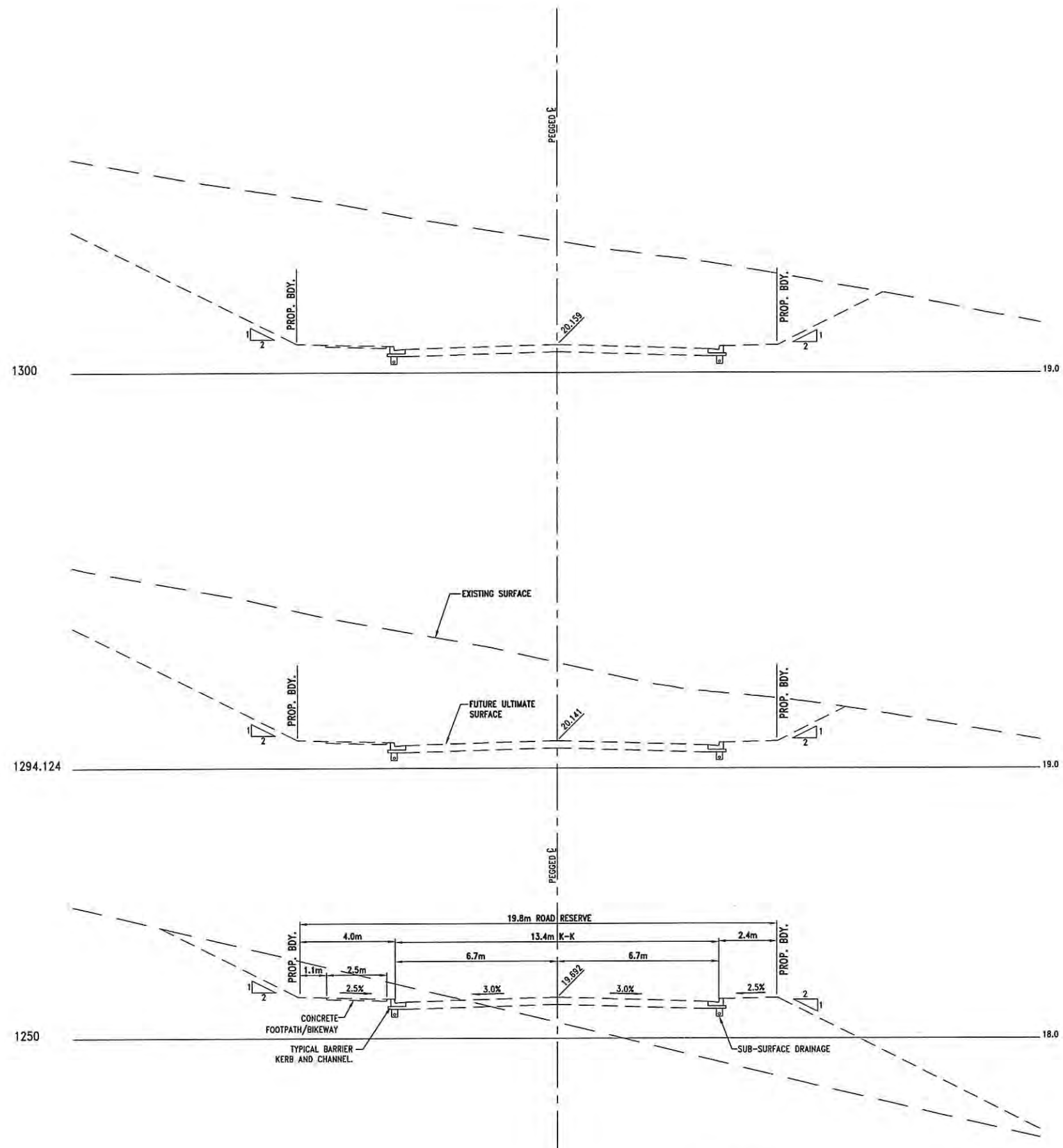
TERRANORA PRECINCT 1
BROADWATER PARKWAY
CROSS SECTIONS - SHEET 9 OF 18

SK 3575
REVISION A

Bradford Lees Pty Ltd
ABN 29 064 159 191
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Civil Consulting





NOTE
FUTURE ULTIMATE
CONSTRUCTION BY OTHERS

1 0 1 2 3 4 5m
1 : 100 (FULL SIZE)

NEWLAND DEVELOPERS PTY LTD

09-374
23-02-2012

TERRANORA PRECINCT 1
BROADWATER PARKWAY
CROSS SECTIONS - SHEET 10 OF 18

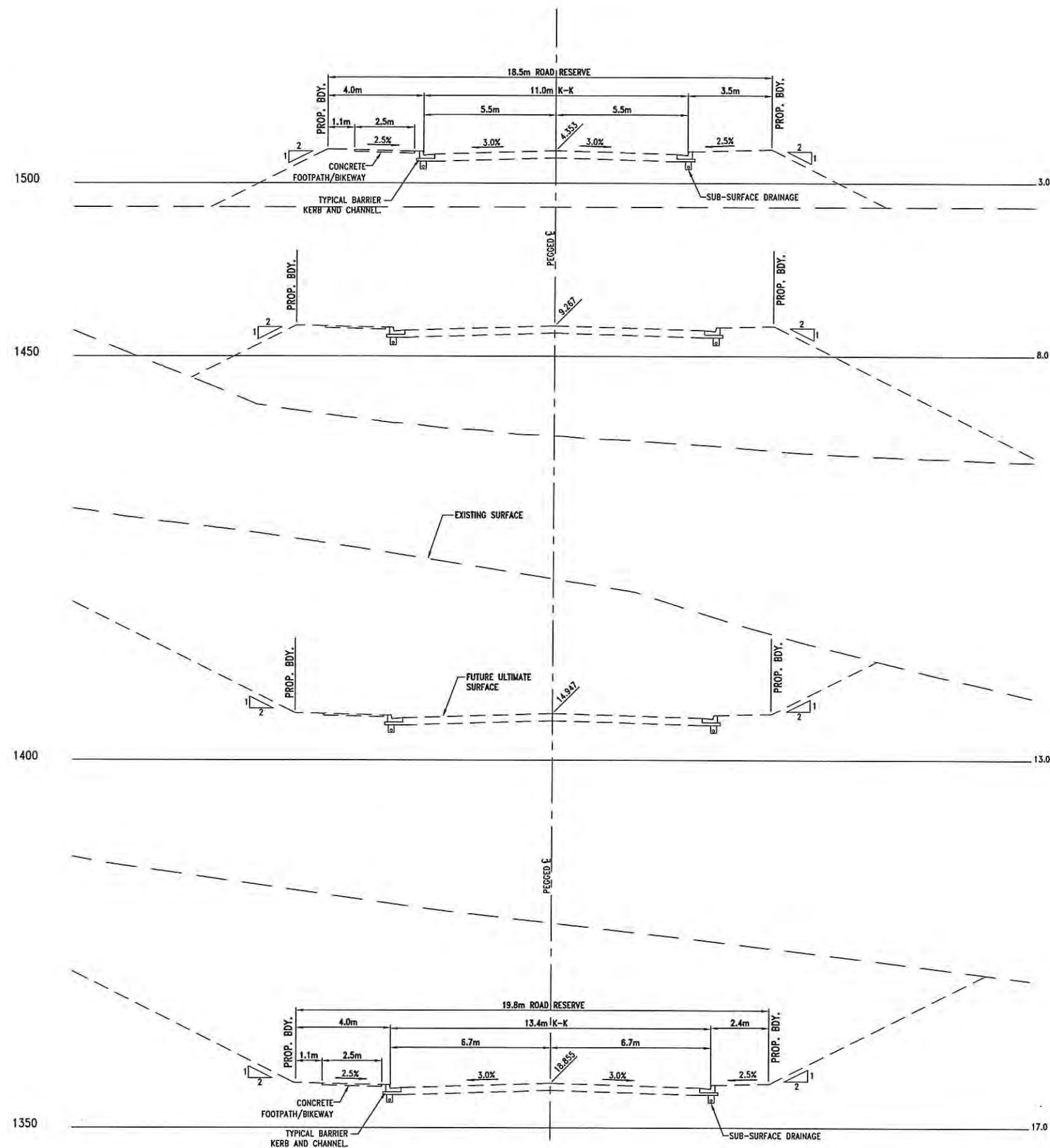
SK 3576
REVISION A

Bradford Lees Pty Ltd
ABN 29 064 159 191

Ph 07 5528 6411
Fax 07 5528 6422
Web www.bradlees.com.au
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Civil Consulting

SGS QUAL
QUALITY ASSURED COMPANY
AS/NZS ISO 9001:2008
REG. NO. 253

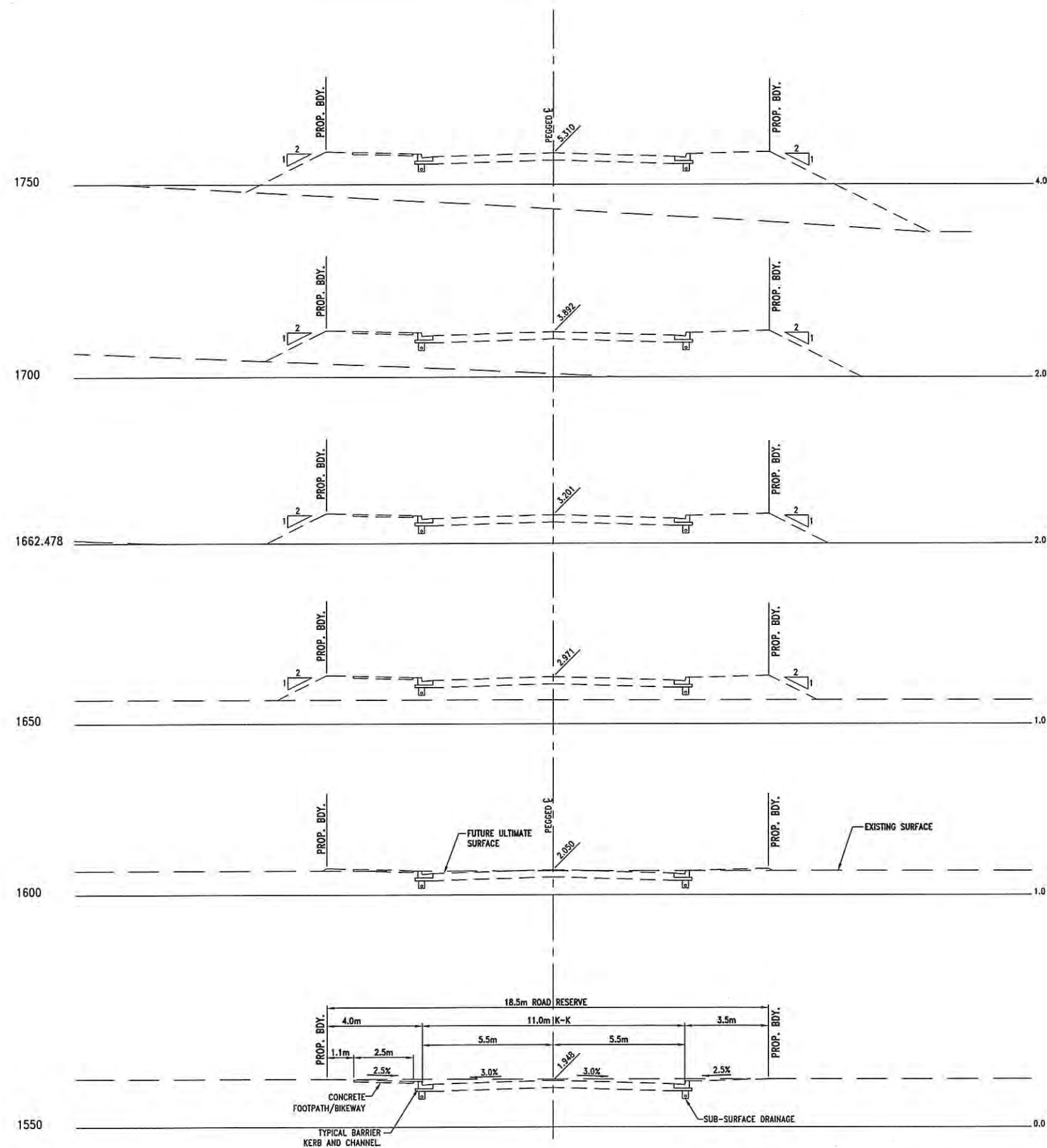


NOTE
FUTURE ULTIMATE
CONSTRUCTION BY OTHERS

1 0 1 2 3 4 5m
1 : 100 (FULL SIZE)

NEWLAND DEVELOPERS PTY LTD	09-374 23-02-2012
TERRANORA PRECINCT 1 BROADWATER PARKWAY CROSS SECTIONS - SHEET 11 OF 18	SK 3577 REVISION A

Bradford Lees Pty Ltd ABN 29 064 159 191 Ph 07 5528 6411 Fax 07 5528 6422 Web www.bradlees.com.au Email mail@bradlees.com.au Postal PO Box 2293, Southport QLD 4215 Gold Coast Office Level 1, 34 Thomas Drive, Chevron Island QLD 4217	Bradlees Civil Consulting 	 QUALITY ASSURED COMPANY AS/NZS ISO 9001:2008 REG. NO. 233
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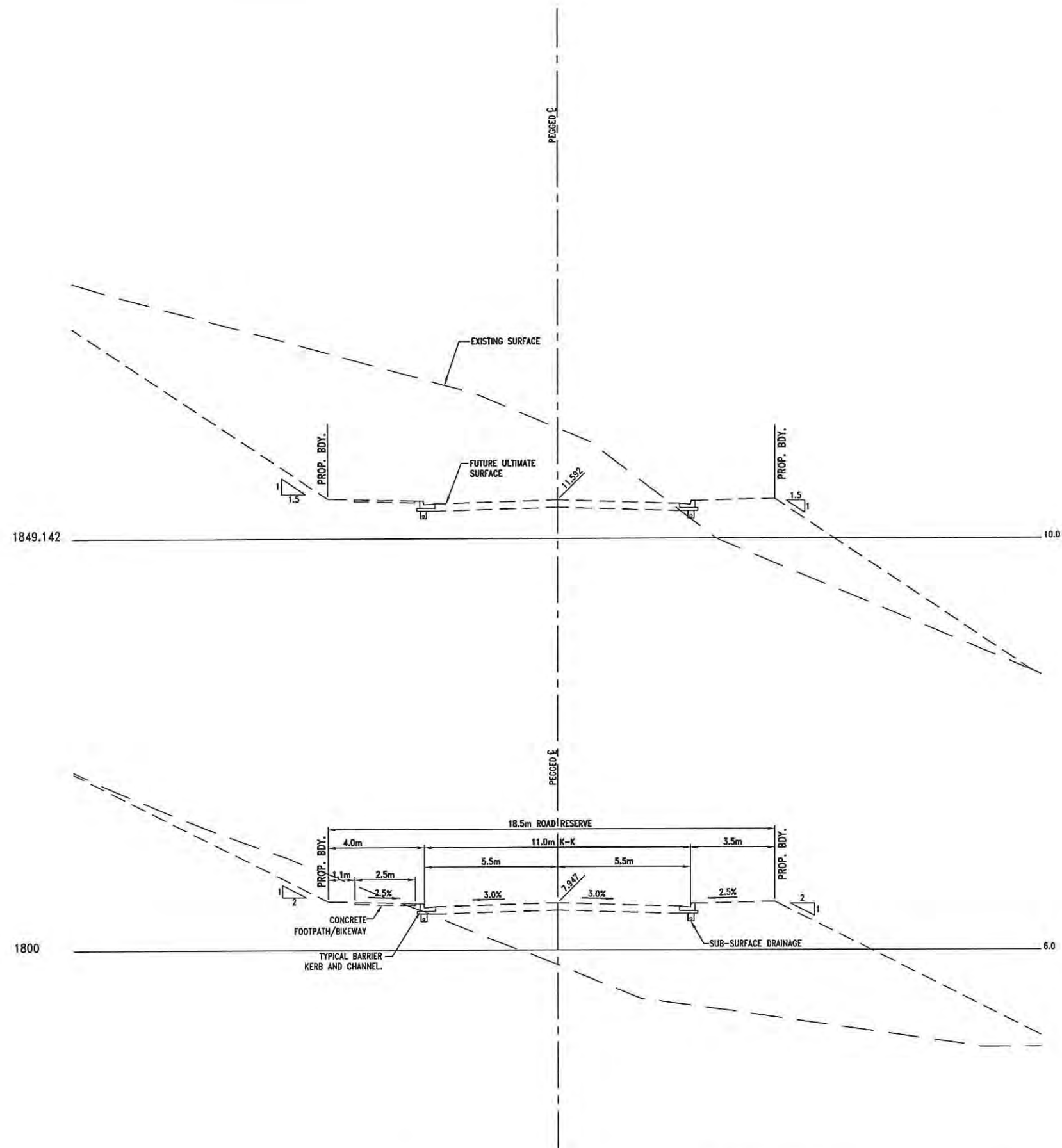


NOTE
FUTURE ULTIMATE
CONSTRUCTION BY OTHERS

1 0 1 2 3 4 5m
1 : 100 (FULL SIZE)

NEWLAND DEVELOPERS PTY LTD	09-374 23-02-2012
TERRANORA PRECINCT 1 BROADWATER PARKWAY CROSS SECTIONS - SHEET 12 OF 18	SK 3578 REVISION A

Bradford Lees Pty Ltd ABN 29 064 159 191 Ph 07 5528 6411 Fax 07 5528 6422 Web www.bradlees.com.au Email mail@bradlees.com.au Postal PO Box 2293, Southport QLD 4215 Gold Coast Office Level 1, 34 Thomas Drive, Chevron Island QLD 4217	Bradlees Civil Consulting 	 QUALITY ASSURED COMPANY AS/NZS 1538:2008 REG. NO. 233
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NOTE
FUTURE ULTIMATE
CONSTRUCTION BY OTHERS

1 0 1 2 3 4 5m
1 : 100 (FULL SIZE)

NEWLAND DEVELOPERS PTY LTD

09-374
23-02-2012

TERRANORA PRECINCT 1
BROADWATER PARKWAY
CROSS SECTIONS - SHEET 13 OF 18

SK 3579
REVISION A

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ABN 29 064 159 191

Ph 07 5528 6411
Fax 07 5528 6422

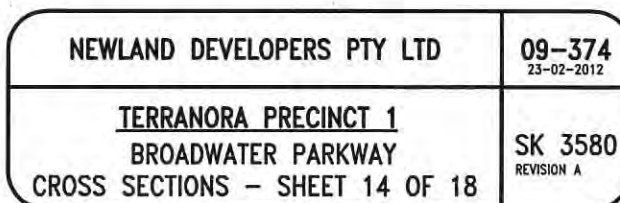
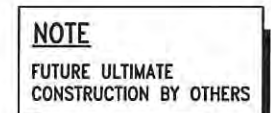
Web www.bradlees.com.au
Email mail@bradlees.com.au

Postal PO Box 2293, Southport QLD 4215

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ABN 29 064 159 191

Ph 07 5528 6411
Fax 07 5528 6422

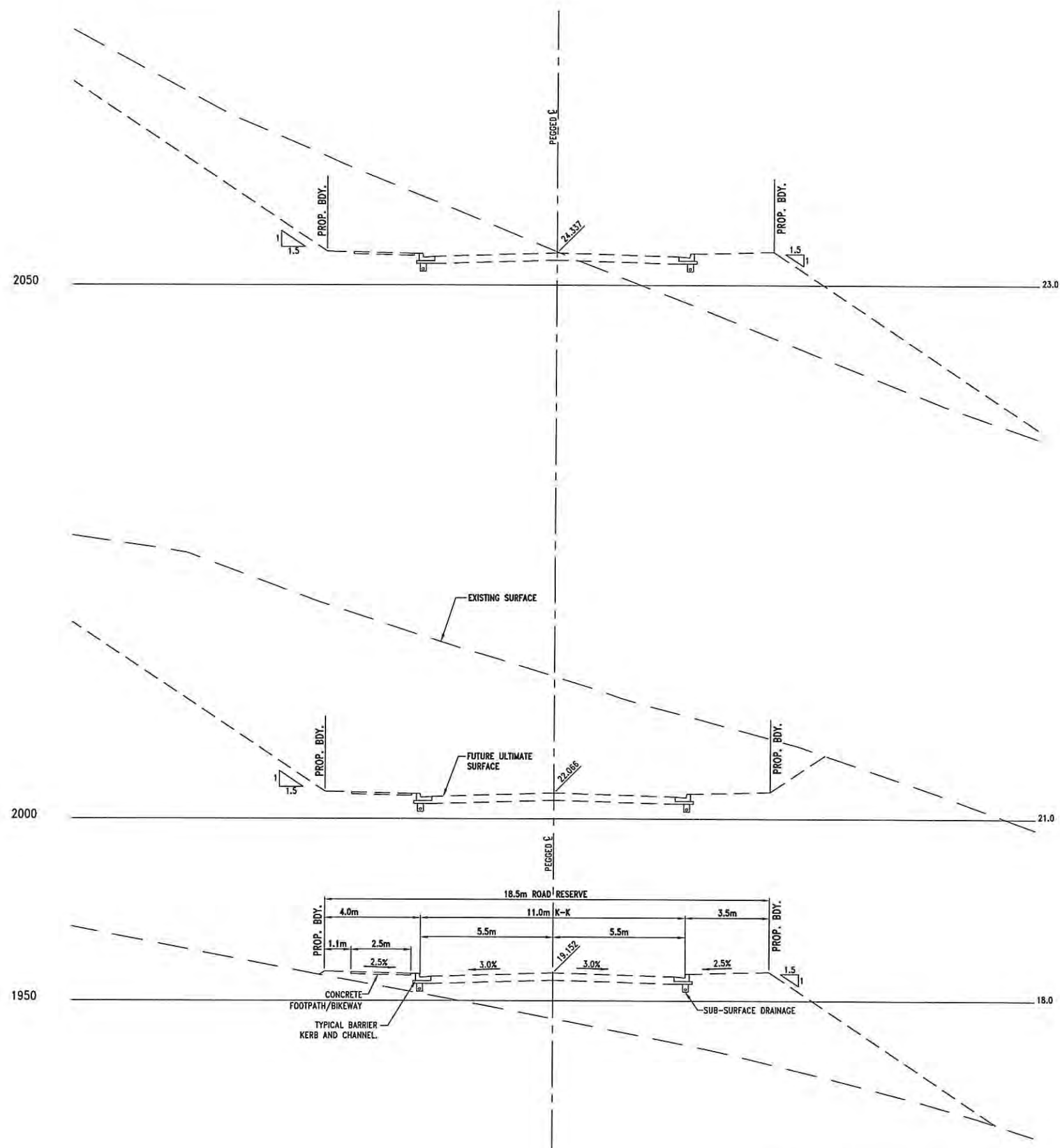
Web www.bradlees.com.au
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Gold Coast Office Level 1, 34 Thomas Drive, Chevron Island QLD 4217

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NOTE
FUTURE ULTIMATE
CONSTRUCTION BY OTHERS

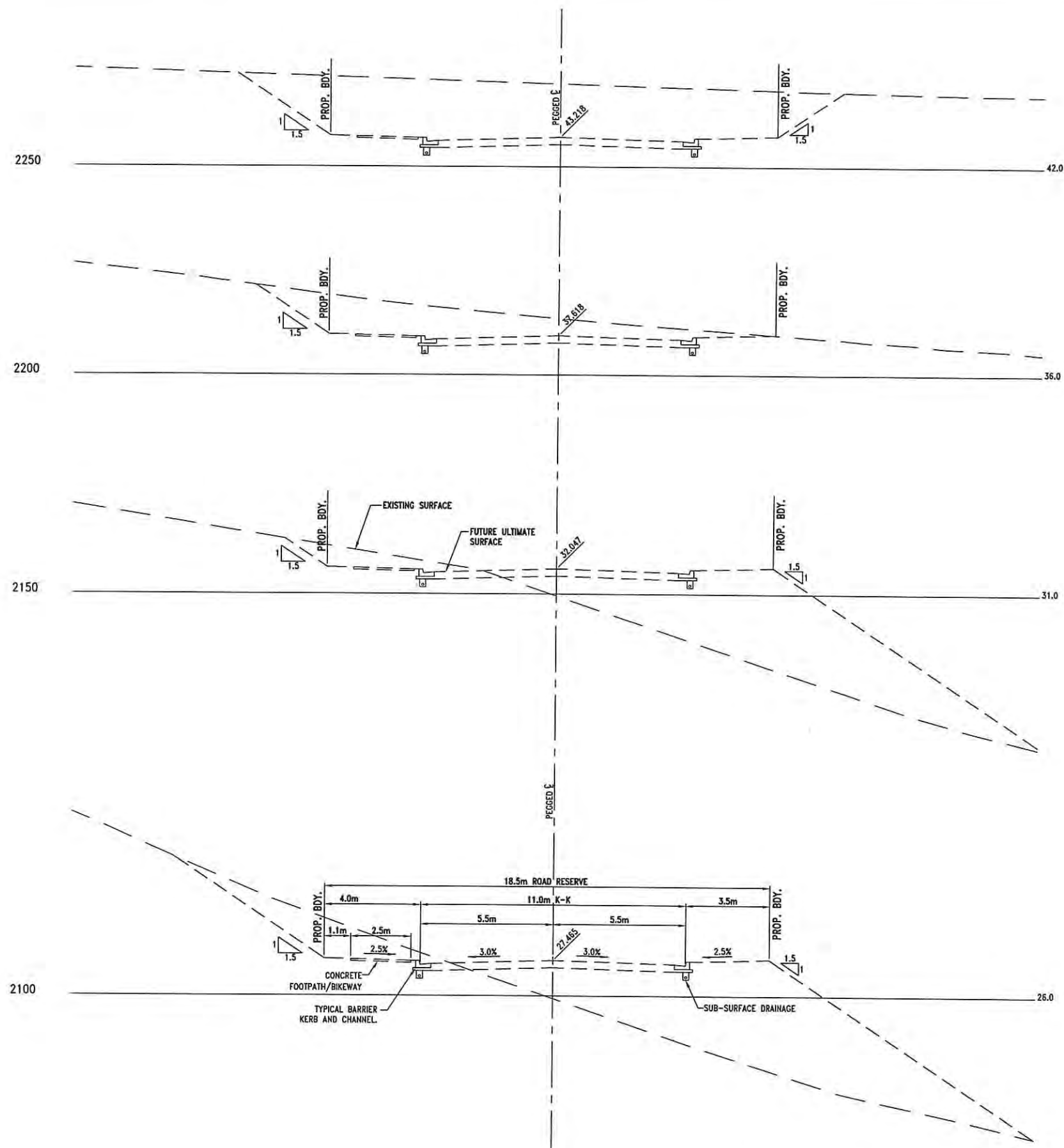
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1 : 100 (FULL SIZE)

NEWLAND DEVELOPERS PTY LTD	09-374 23-02-2012
TERRANORA PRECINCT 1 BROADWATER PARKWAY CROSS SECTIONS - SHEET 15 OF 18	SK 3581 REVISION A

Bradford Lees Pty Ltd
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Gold Coast Office Level 1, 34 Thomas Drive, Chevron Island QLD 4217

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Civil Consulting





NOTE
FUTURE ULTIMATE
CONSTRUCTION BY OTHERS

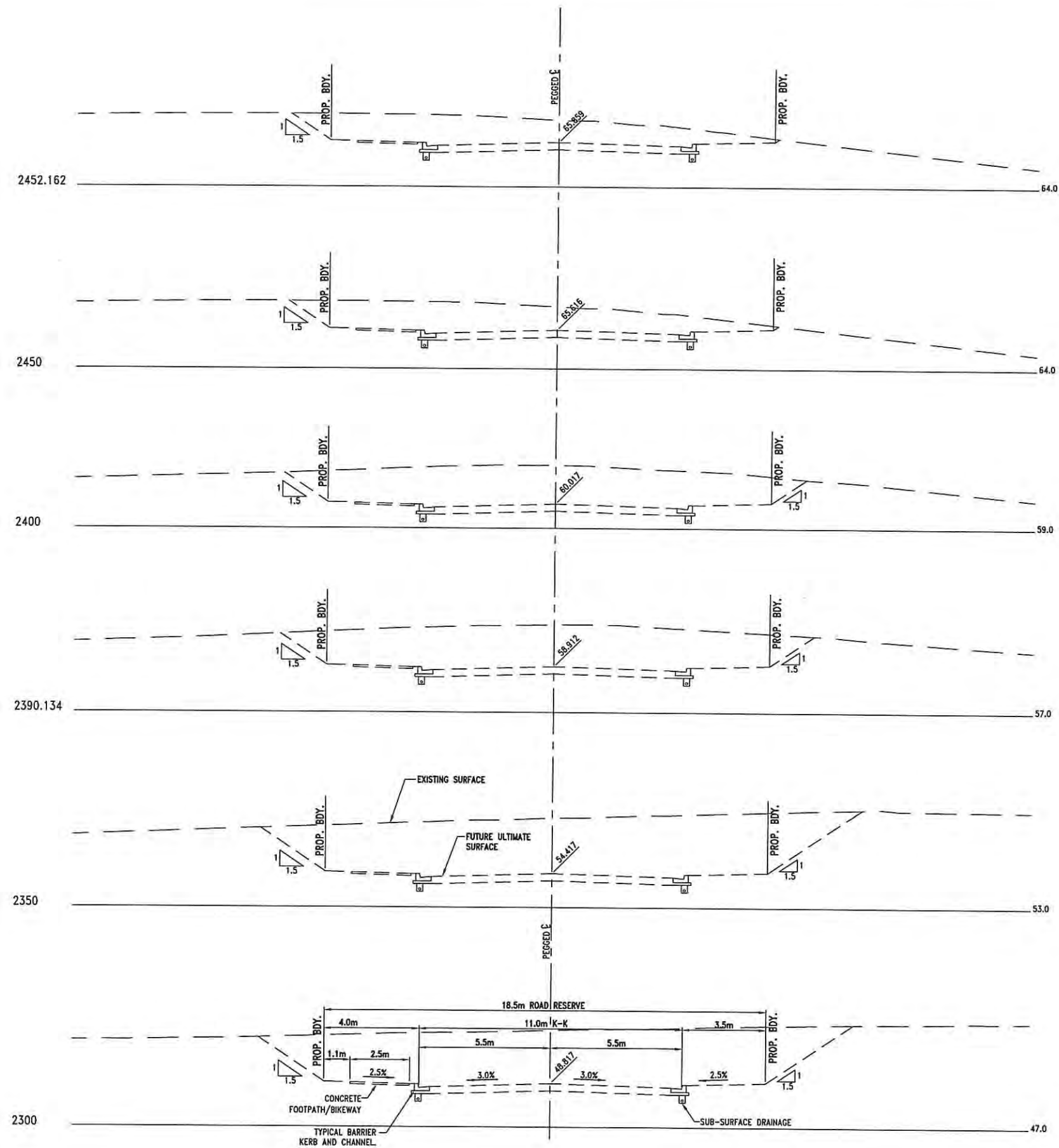
NEWLAND DEVELOPERS PTY LTD	09-374 23-02-2012
TERRANORA PRECINCT 1 BROADWATER PARKWAY CROSS SECTIONS - SHEET 16 OF 18	SK 3582 REVISION A

Bradford Lees Pty Ltd
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Email mail@bradlees.com.au
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Gold Coast Office Level 1, 34 Thomas Drive, Chevron Island QLD 4217

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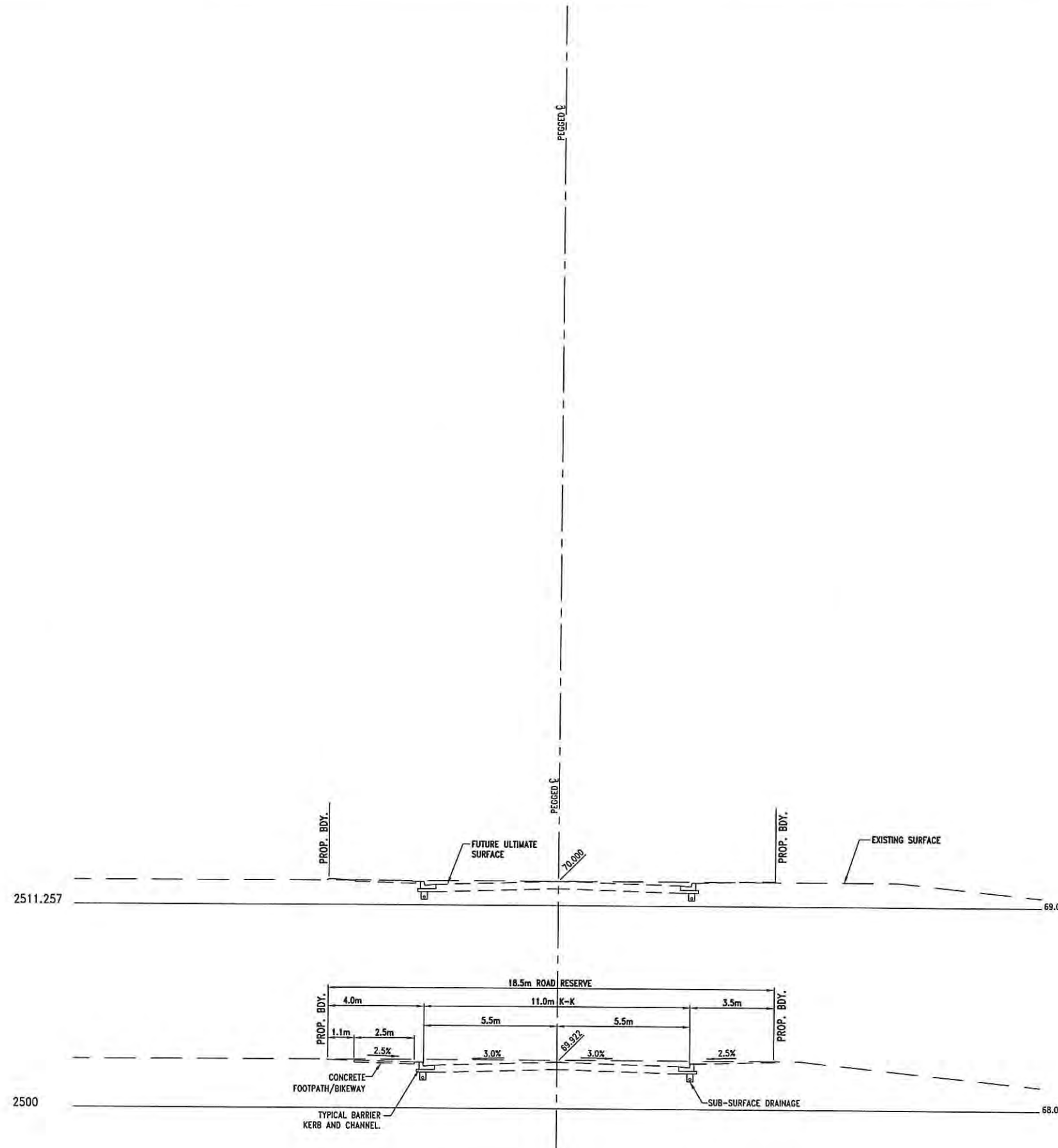


NOTE
FUTURE ULTIMATE
CONSTRUCTION BY OTHERS

1 0 1 2 3 4 5m
1 : 100 (FULL SIZE)

NEWLAND DEVELOPERS PTY LTD	09-374 23-02-2012
TERRANORA PRECINCT 1 BROADWATER PARKWAY CROSS SECTIONS - SHEET 17 OF 18	SK 3583 REVISION A

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NOTE
FUTURE ULTIMATE
CONSTRUCTION BY OTHERS

1 0 1 2 3 4 5m
1 : 100 (FULL SIZE)

NEWLAND DEVELOPERS PTY LTD	09-374 23-02-2012
TERRANORA PRECINCT 1 BROADWATER PARKWAY CROSS SECTIONS - SHEET 18 OF 18	SK 3584 REVISION A

Bradford Lees Pty Ltd
ABN 29 064 159 191

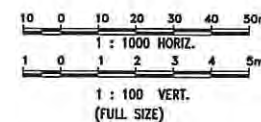
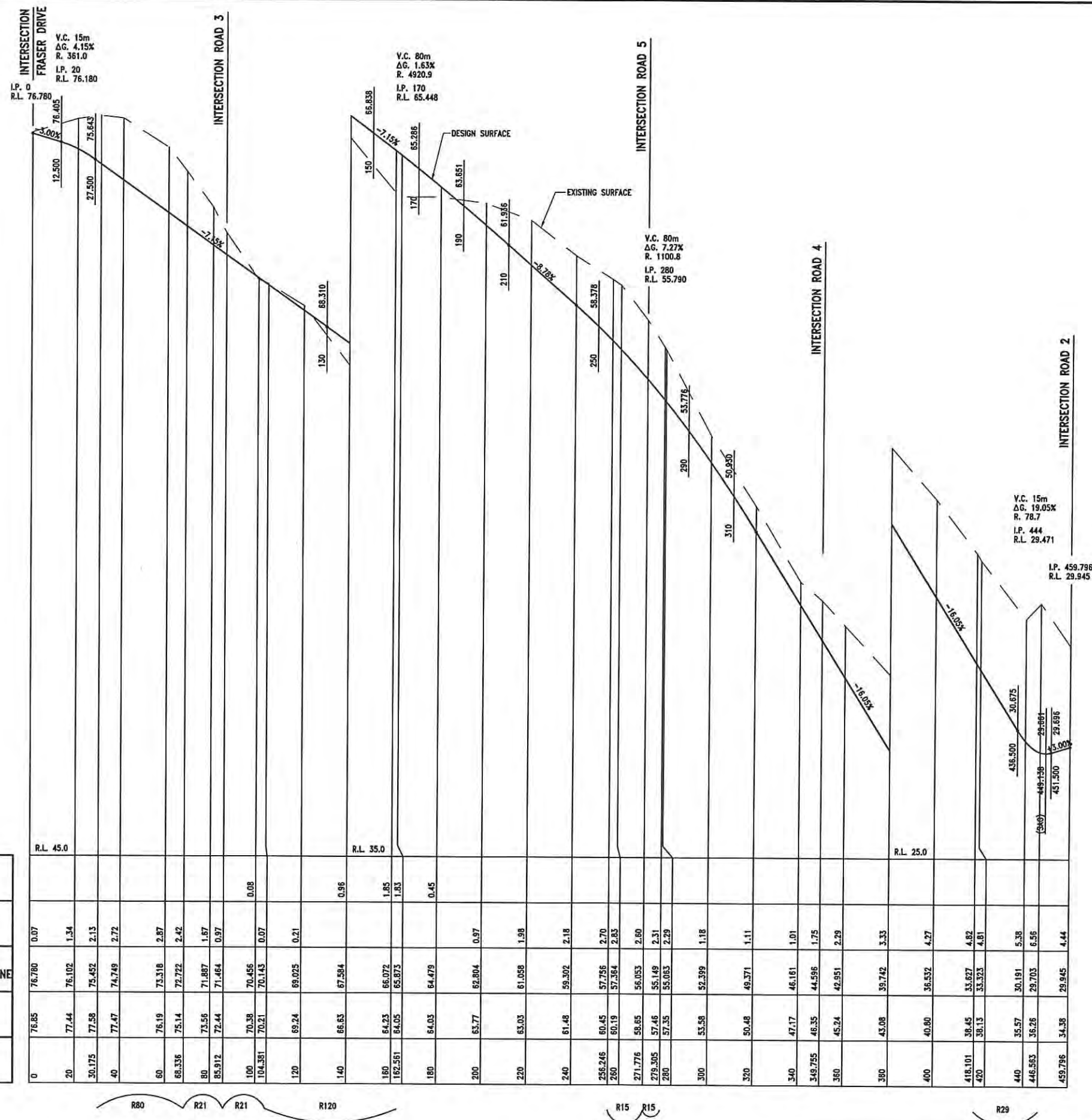
Ph 07 5528 6411
Fax 07 5528 6422
Web www.bradlees.com.au
Email mail@bradlees.com.au
Postal PO Box 2293, Southport QLD 4215
Gold Coast Office Level 1, 34 Thomas Drive, Chevron Island QLD 4217

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DATUM	R.L. 45.0
HEIGHT OF FILL	
DEPTH OF CUT	
PAVEMENT LEVEL ON PEGGED CENTRELINE	
EXISTING SURFACE LEVEL	
PEGGED CHAINAGE	

HORIZONTAL
CURVE DATA



NEWLAND DEVELOPERS PTY LTD

TERRANORA PRECINCT 1
ROAD 1
LONGITUDINAL SECTION

09-374
07-01-2013

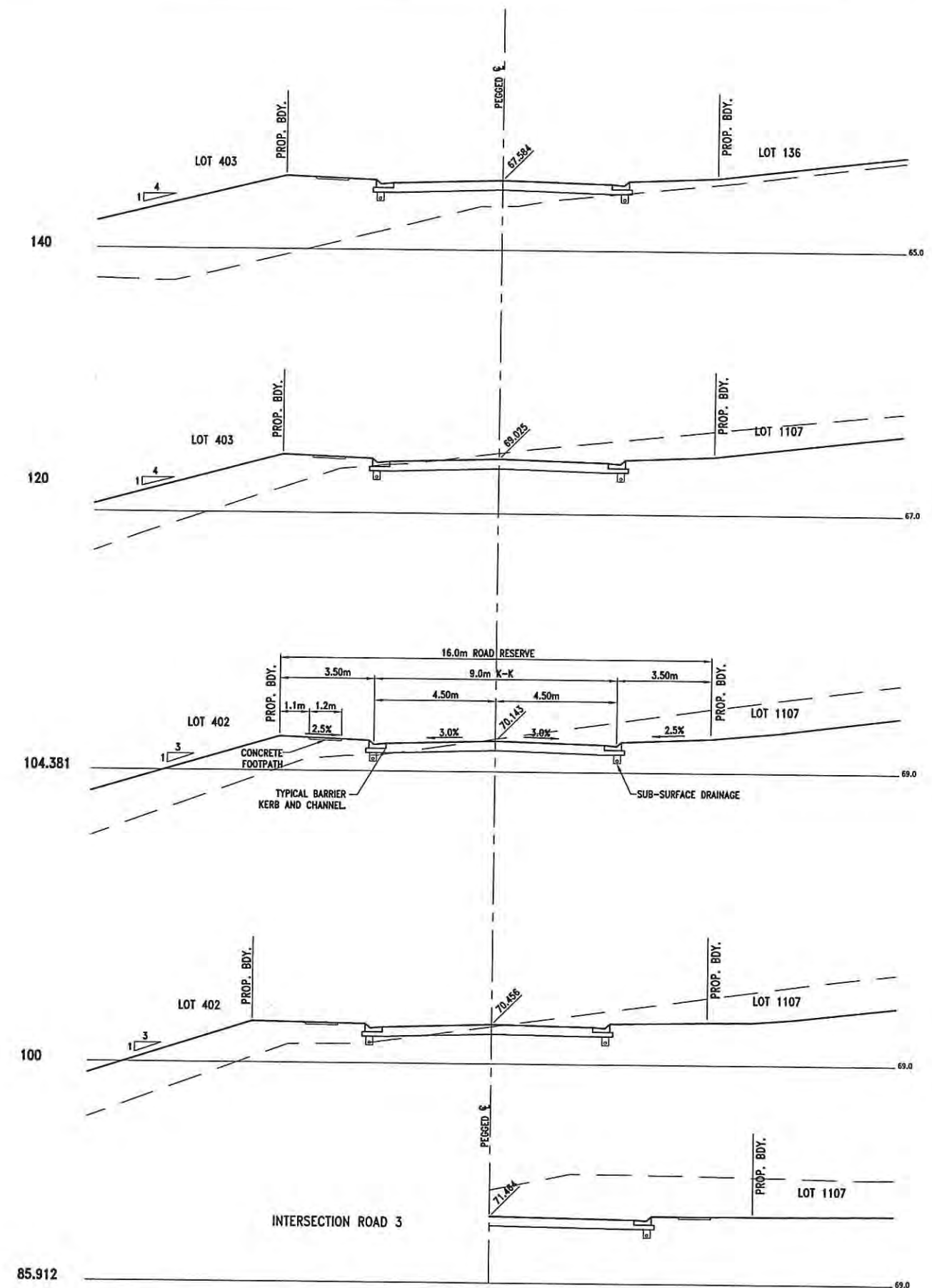
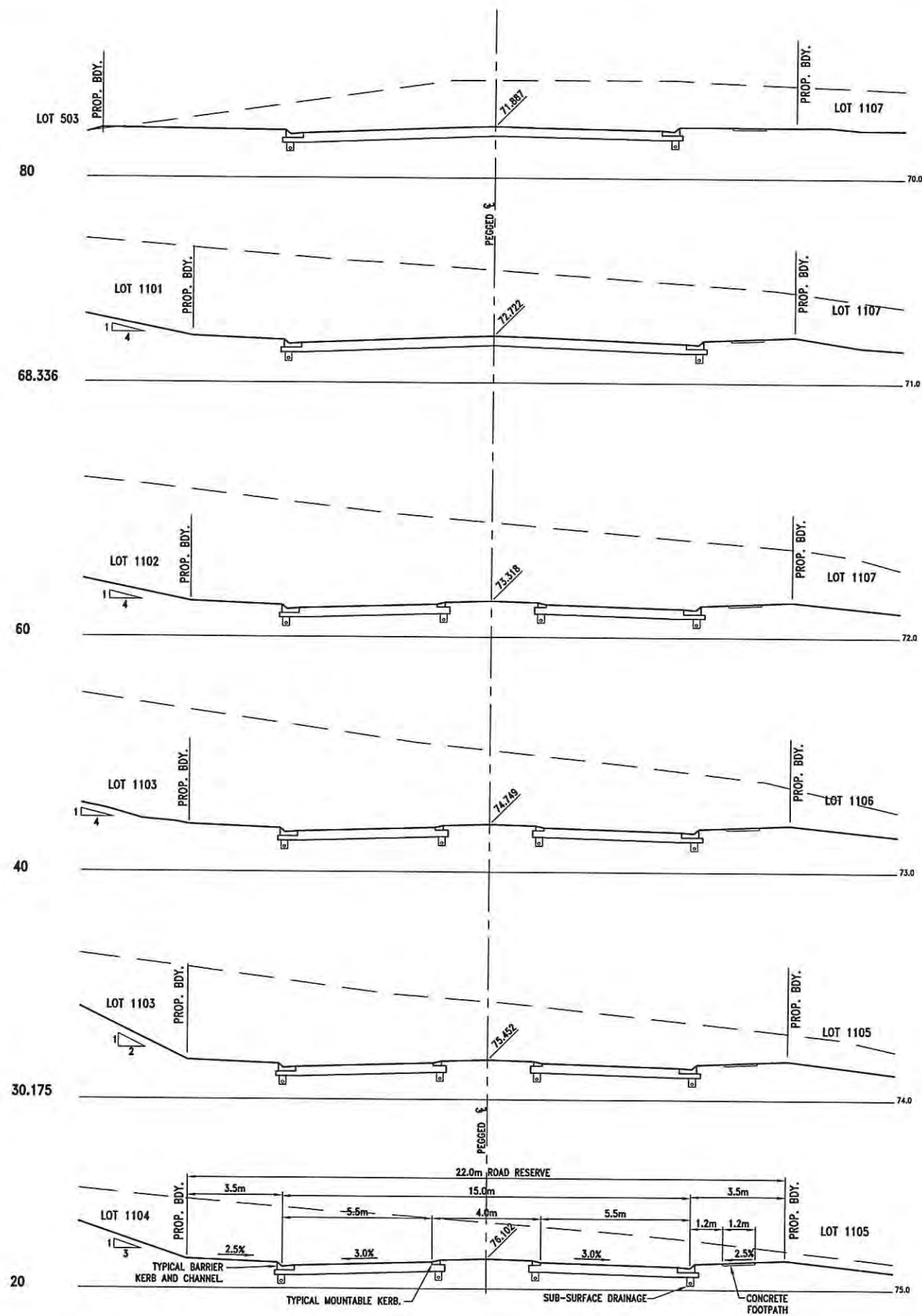
SK 3586
REVISION B

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Gold Coast Office Level 1, 34 Thomas Drive, Chevron Island QLD 4217

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1 0 1 2 3 4 5m
1 : 100 (FULL SIZE)

NEWLAND DEVELOPERS PTY LTD

TERRANORA PRECINCT 1
ROAD 1 CROSS SECTIONS
SHEET 1 OF 3

09-374
07-01-2013

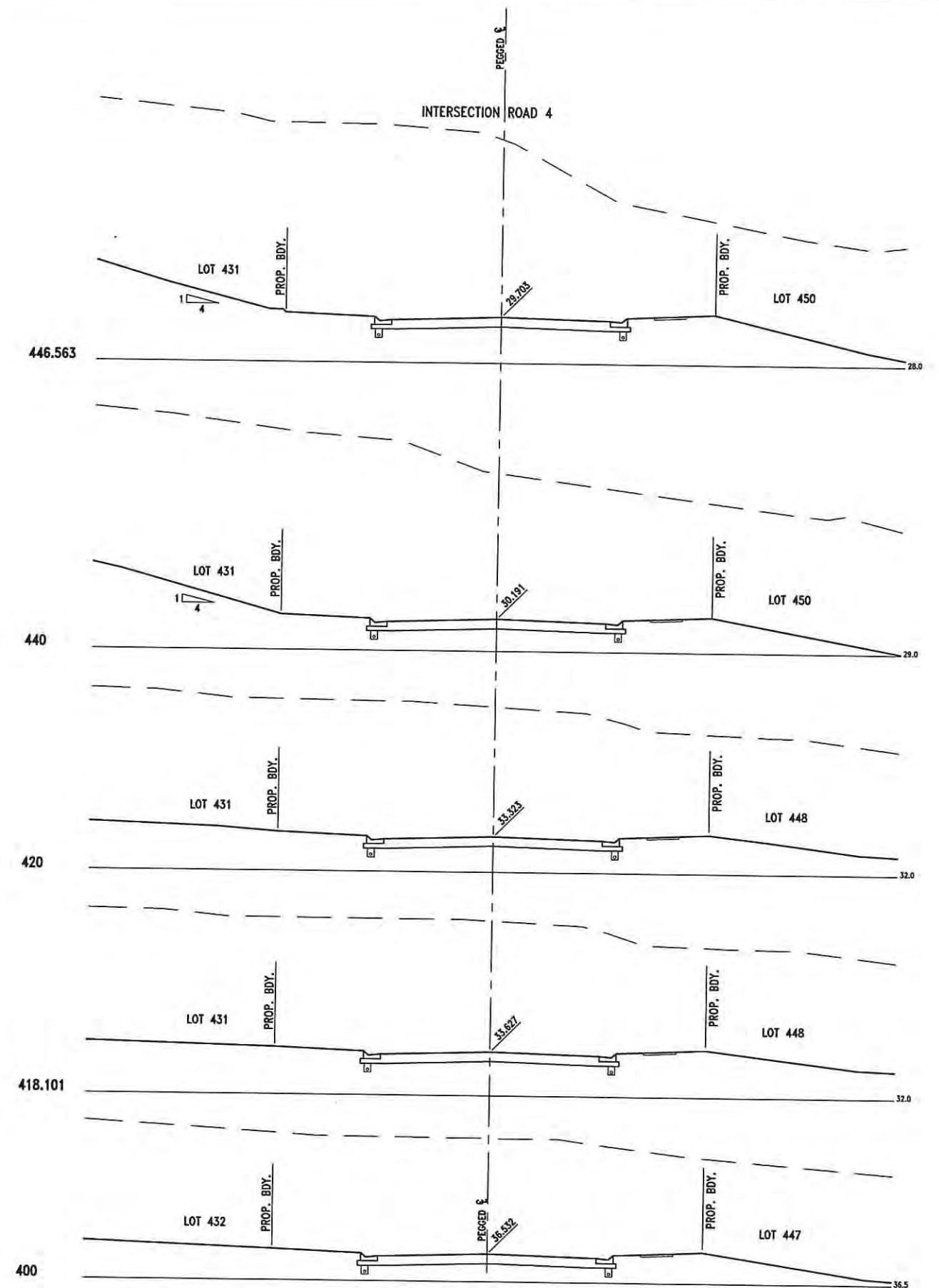
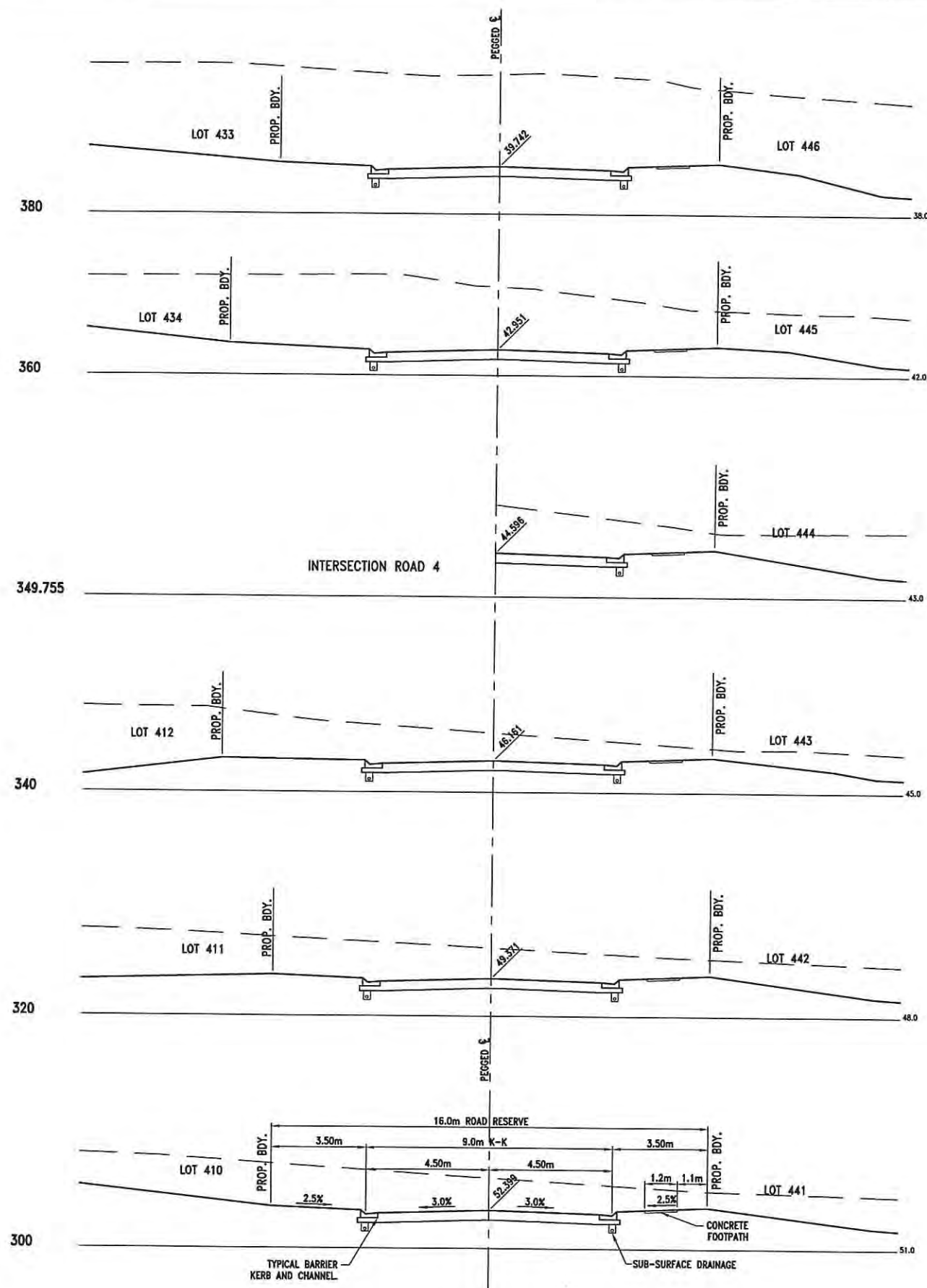
SK 3587
REVISION B

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1 0 1 2 3 4 5m
1 : 100 (FULL SIZE)

NEWLAND DEVELOPERS PTY LTD

TERRANORA PRECINCT 1
ROAD 1 CROSS SECTIONS
SHEET 3 OF 3

09-374
07-01-2013

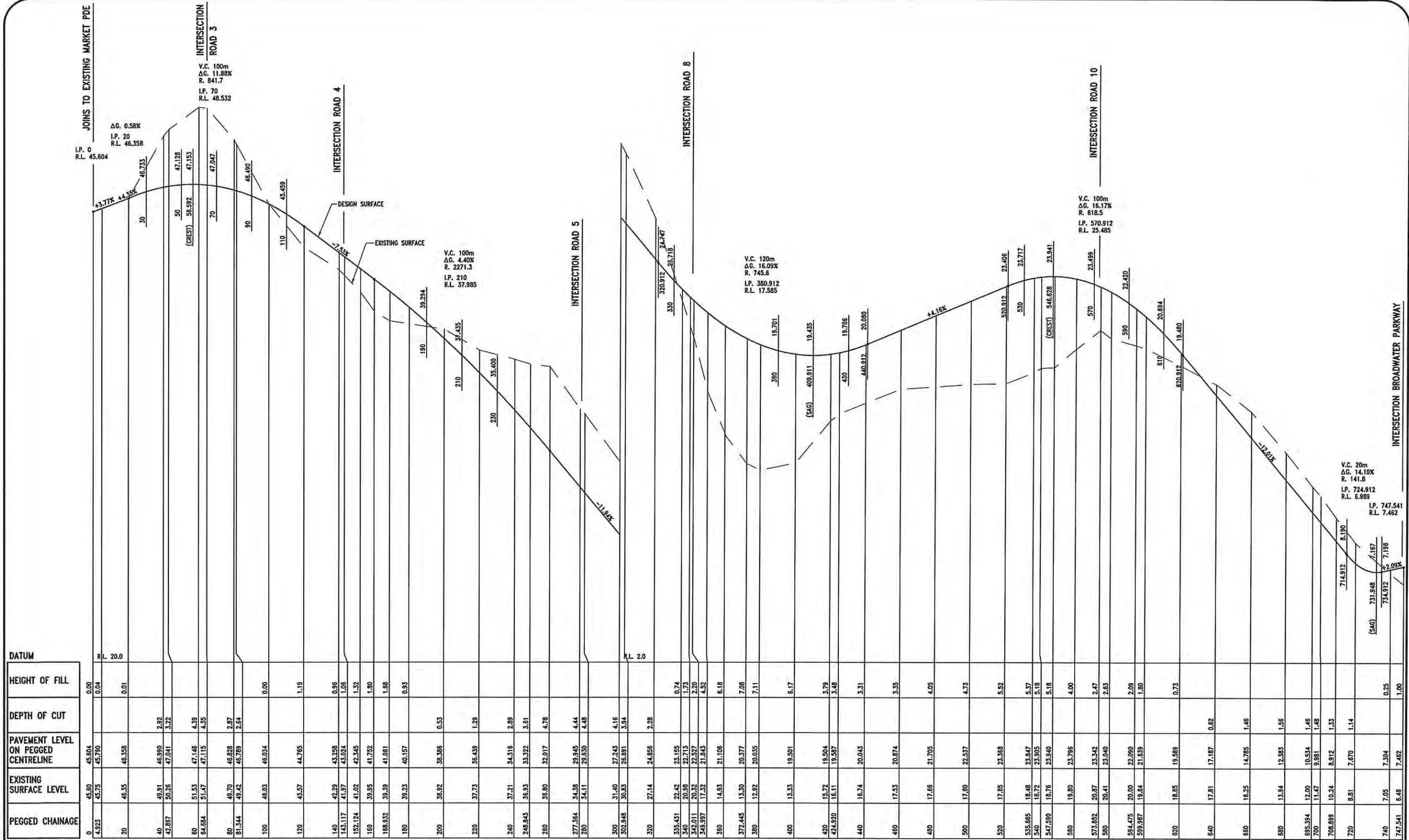
SK 3589
REVISION B

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DATUM
R.L. 20.0

HORIZONTAL CURVE DATA

R60 R25 R25 R80.5 R30.5 R30.5 R79.5 R79.5 R49.5 R50 R80 R30

10 0 10 20 30 40 50m
1 : 1000 HORIZ.
1 0 1 2 3 4 5m
1 : 100 VERT.
(FULL SIZE)

NEWLAND DEVELOPERS PTY LTD

09-374
07-01-2013

SK 3590
REVISION B

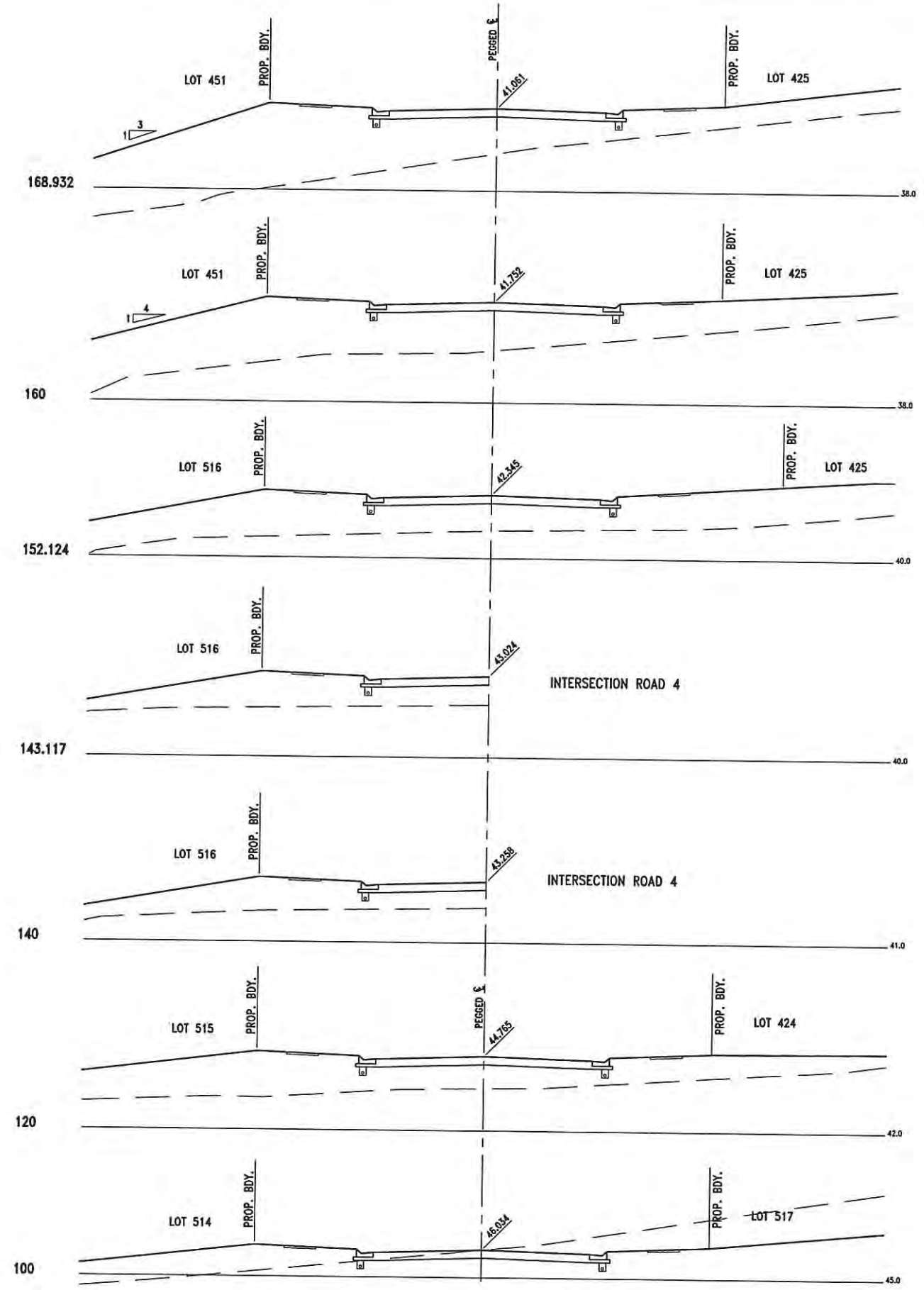
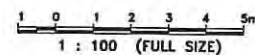
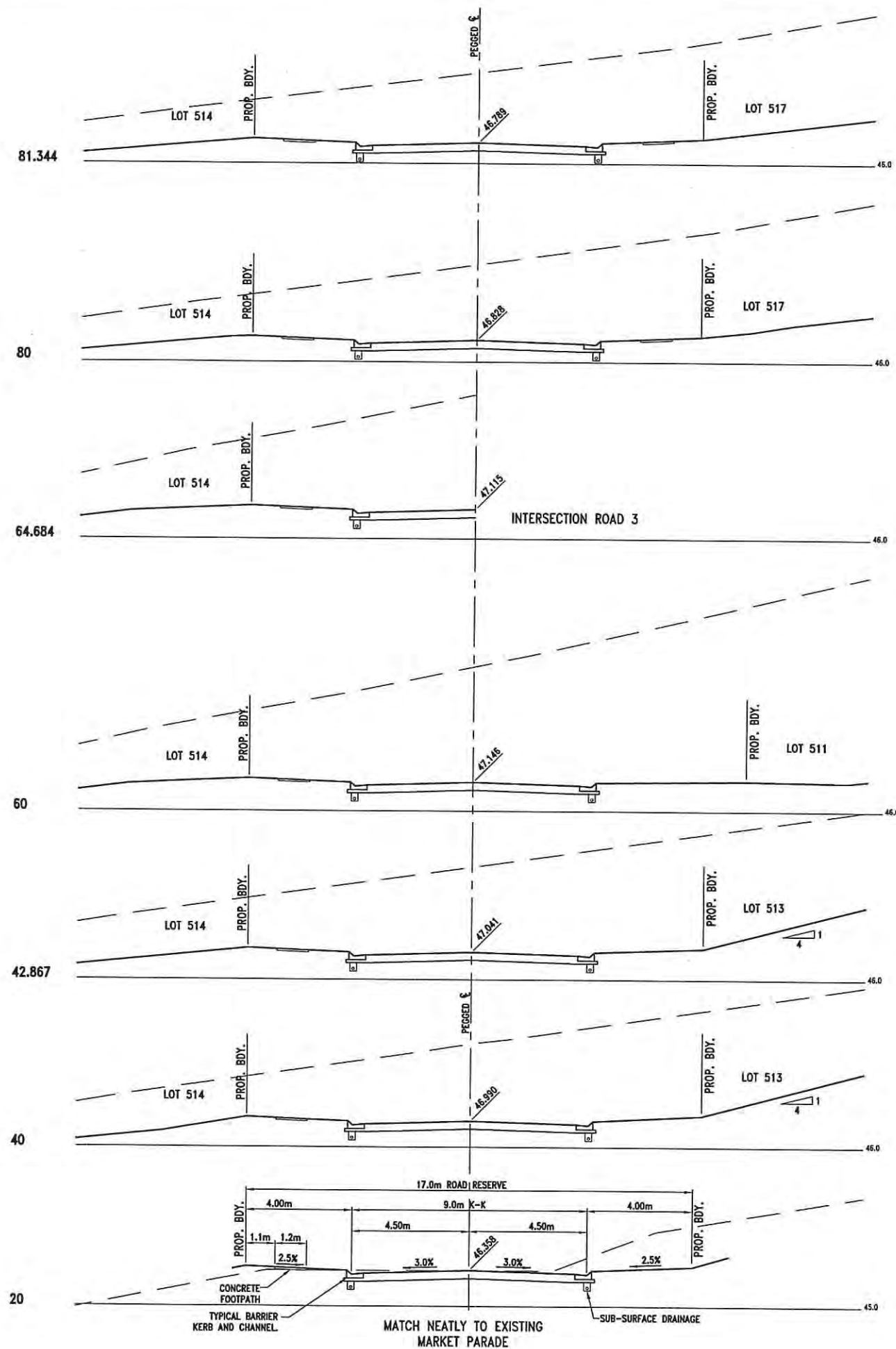
TERRANORA PRECINCT 1
ROAD 2
LONGITUDINAL SECTION

Bradford Lees Pty Ltd
ABN 29 064 159 191

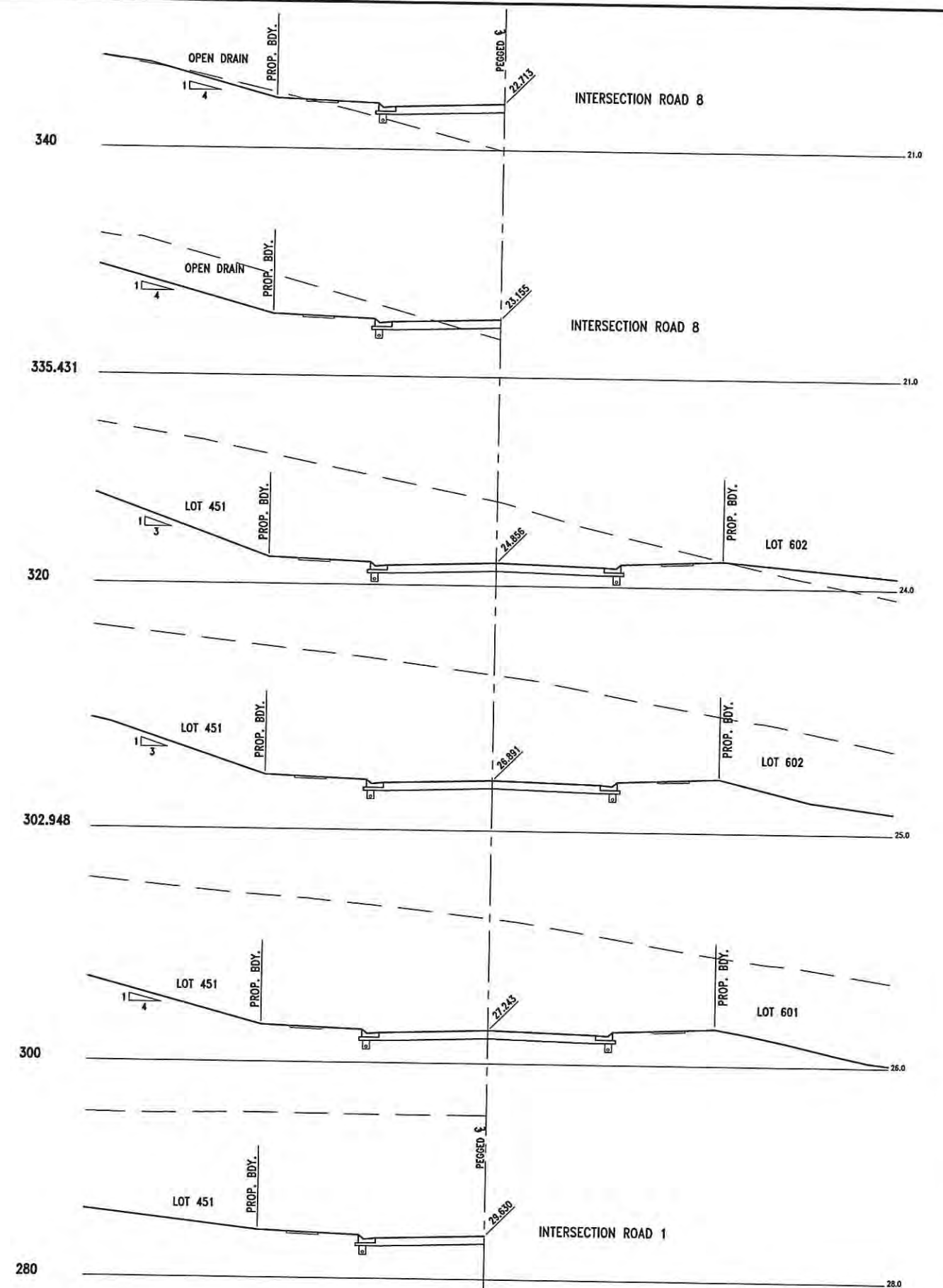
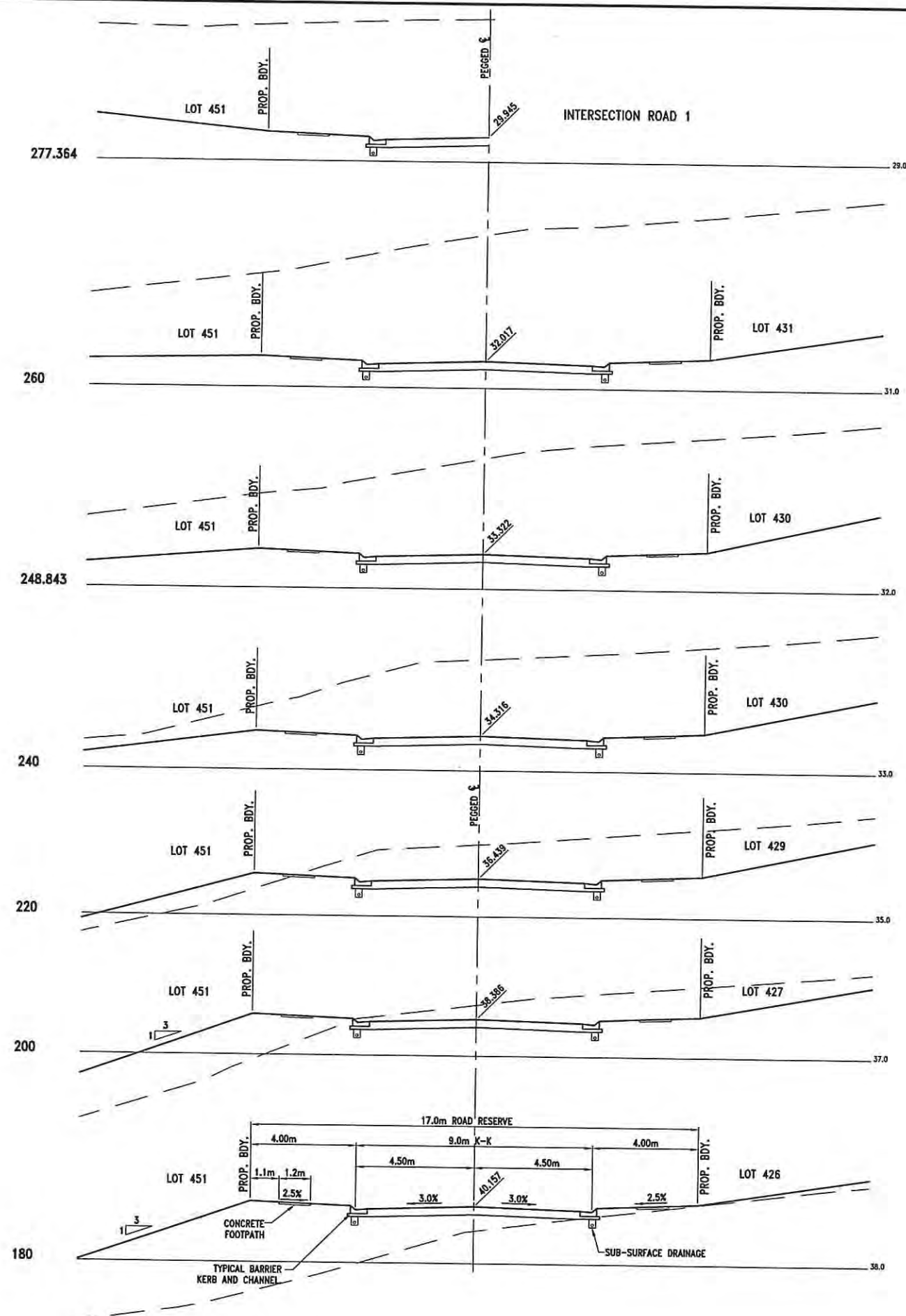
Ph 07 5528 6411
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AS/NZS 9001
QUALITY ASSURED COMPANY
REG. NO. 233



NEWLAND DEVELOPERS PTY LTD TERRANORA PRECINCT 1 ROAD 2 CROSS SECTIONS SHEET 1 OF 5		09-374 07-01-2013 SK 3591 REVISION B	Bradford Lees Pty Ltd ABN 29 064 159 191 Ph 07 5528 6411 Fax 07 5528 6422 Web www.bradlees.com.au Email mail@bradlees.com.au Postal PO Box 2293, Southport QLD 4215 Gold Coast Office Level 1, 34 Thomas Drive, Chevron Island QLD 4217	Bradlees Civil Consulting QUALITY ASSURED COMPANY AS/NZS ISO 9001:2008 REG. NO. 233
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1 0 1 2 3 4 5m
1 : 100 (FULL SIZE)

NEWLAND DEVELOPERS PTY LTD

TERRANORA PRECINCT 1
ROAD 2 CROSS SECTIONS
SHEET 2 OF 5

09-374
07-01-2013

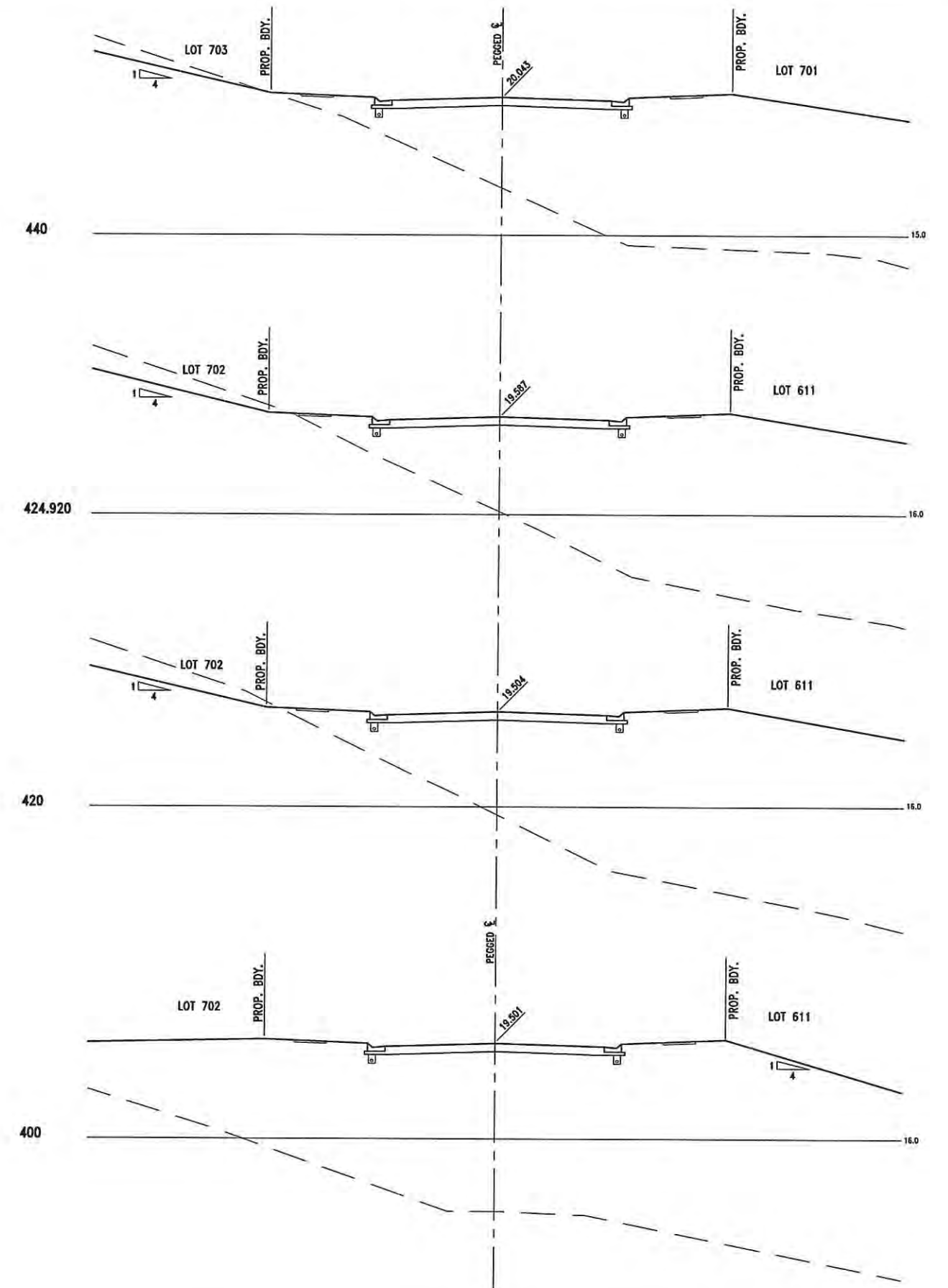
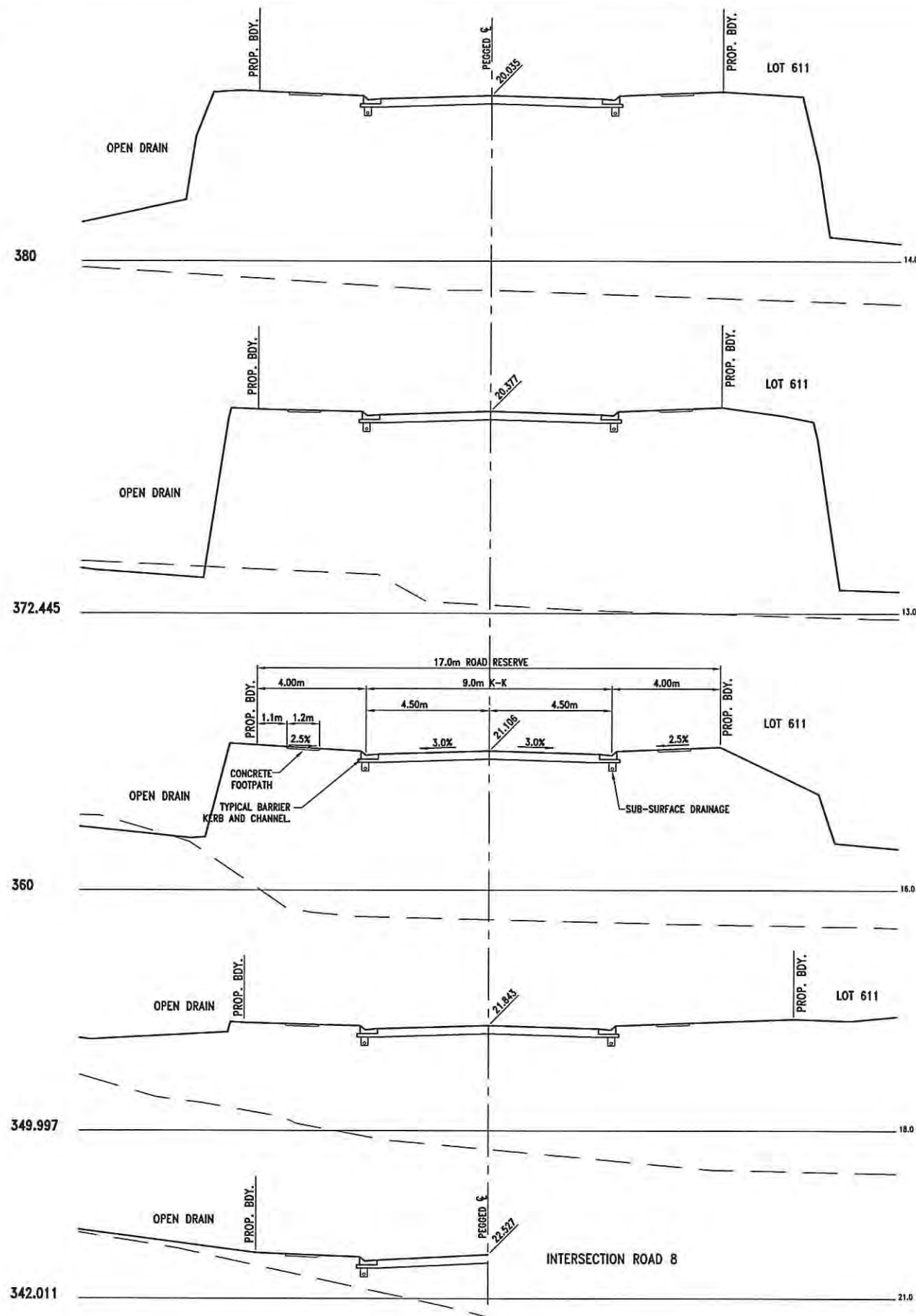
SK 3592
REVISION B

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1 0 1 2 3 4 5m
1 : 100 (FULL SIZE)

NEWLAND DEVELOPERS PTY LTD

09-374
07-01-2013

TERRANORA PRECINCT 1
ROAD 2 CROSS SECTIONS
SHEET 3 OF 5

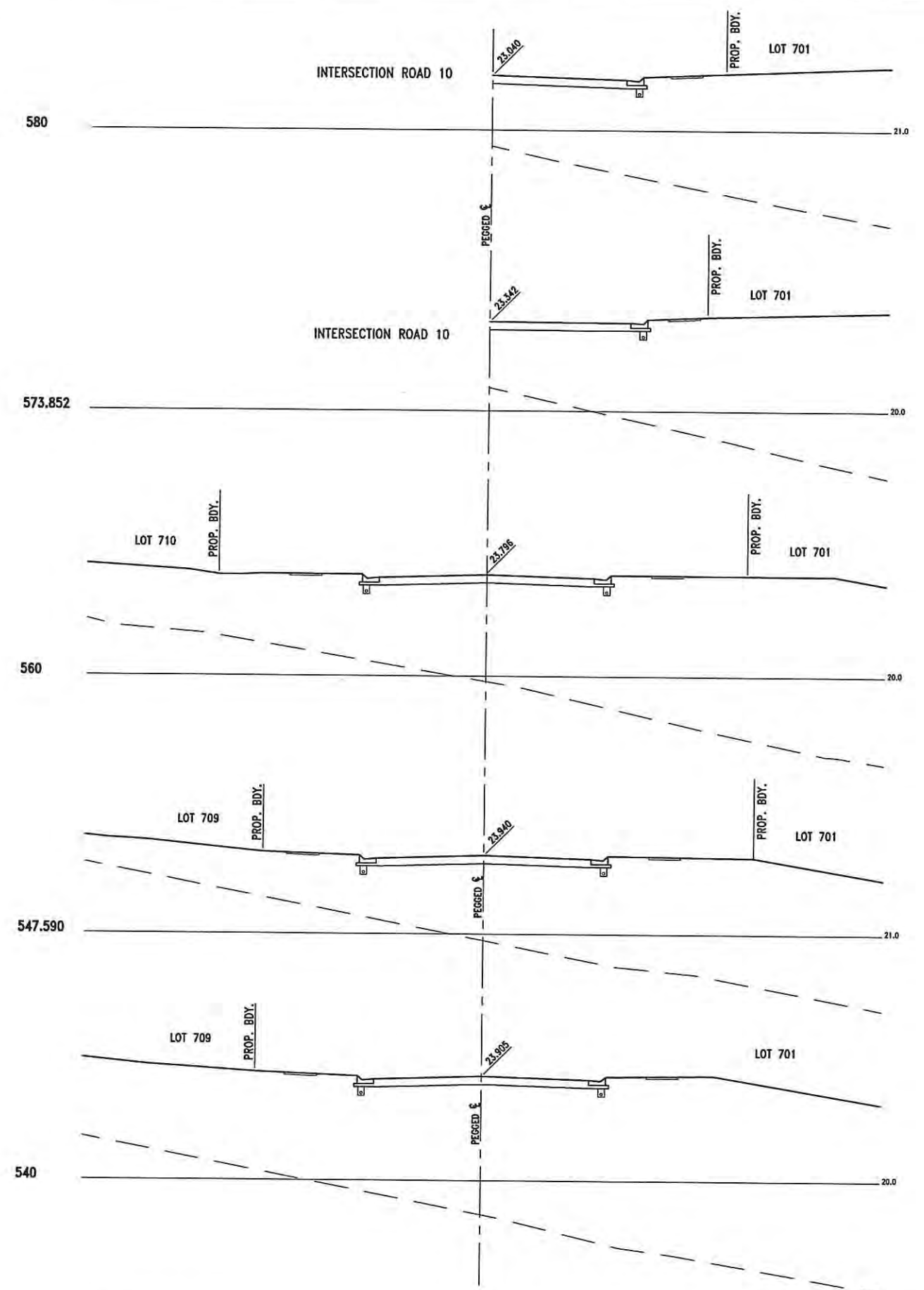
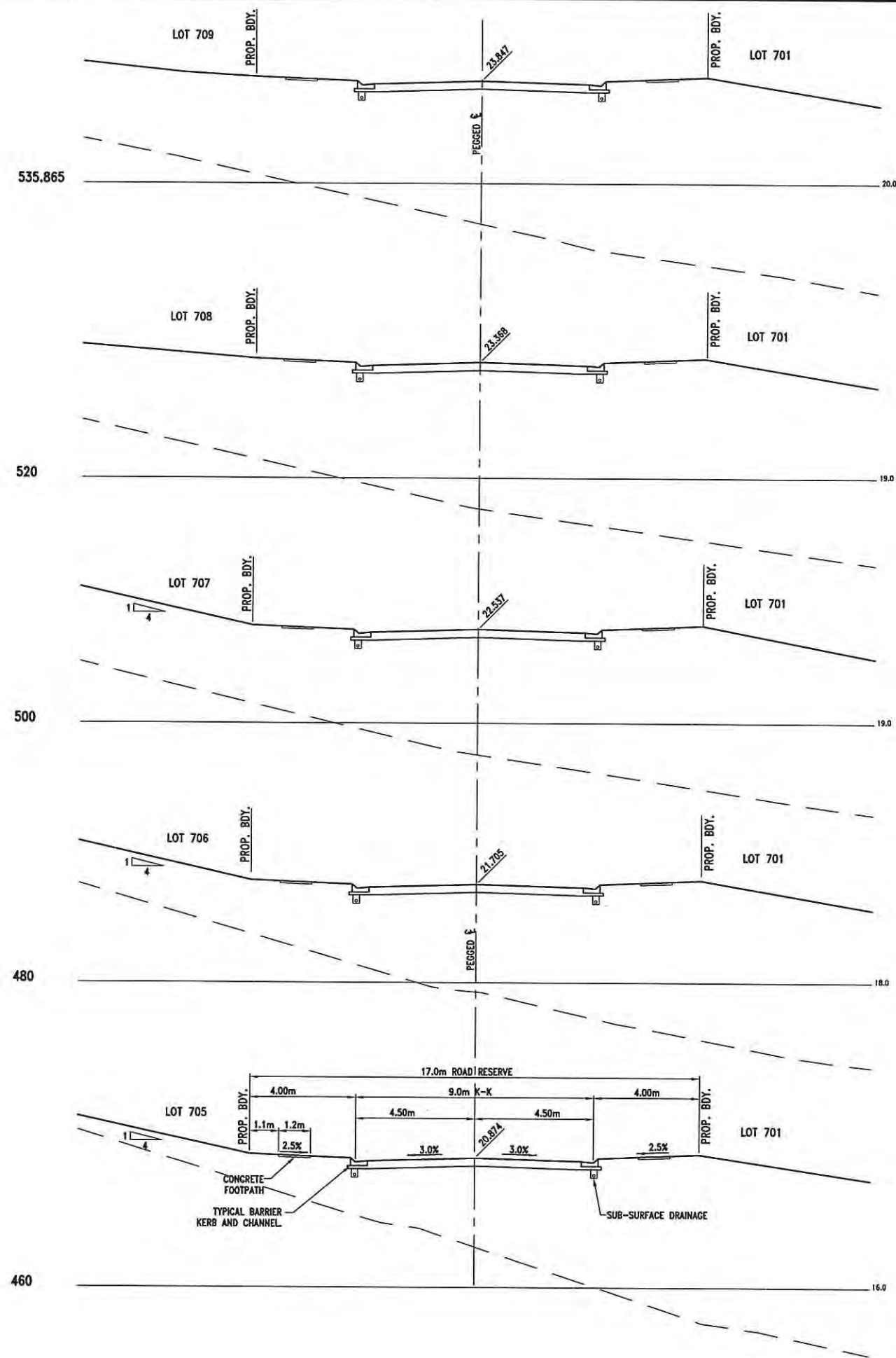
SK 3593
REVISION B

Bradford Lees Pty Ltd
ABN 29 064 159 191

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1 0 1 2 3 4 5m
1 : 100 (FULL SIZE)

NEWLAND DEVELOPERS PTY LTD

TERRANORA PRECINCT 1
ROAD 2 CROSS SECTIONS
SHEET 4 OF 5

09-374
07-01-2013

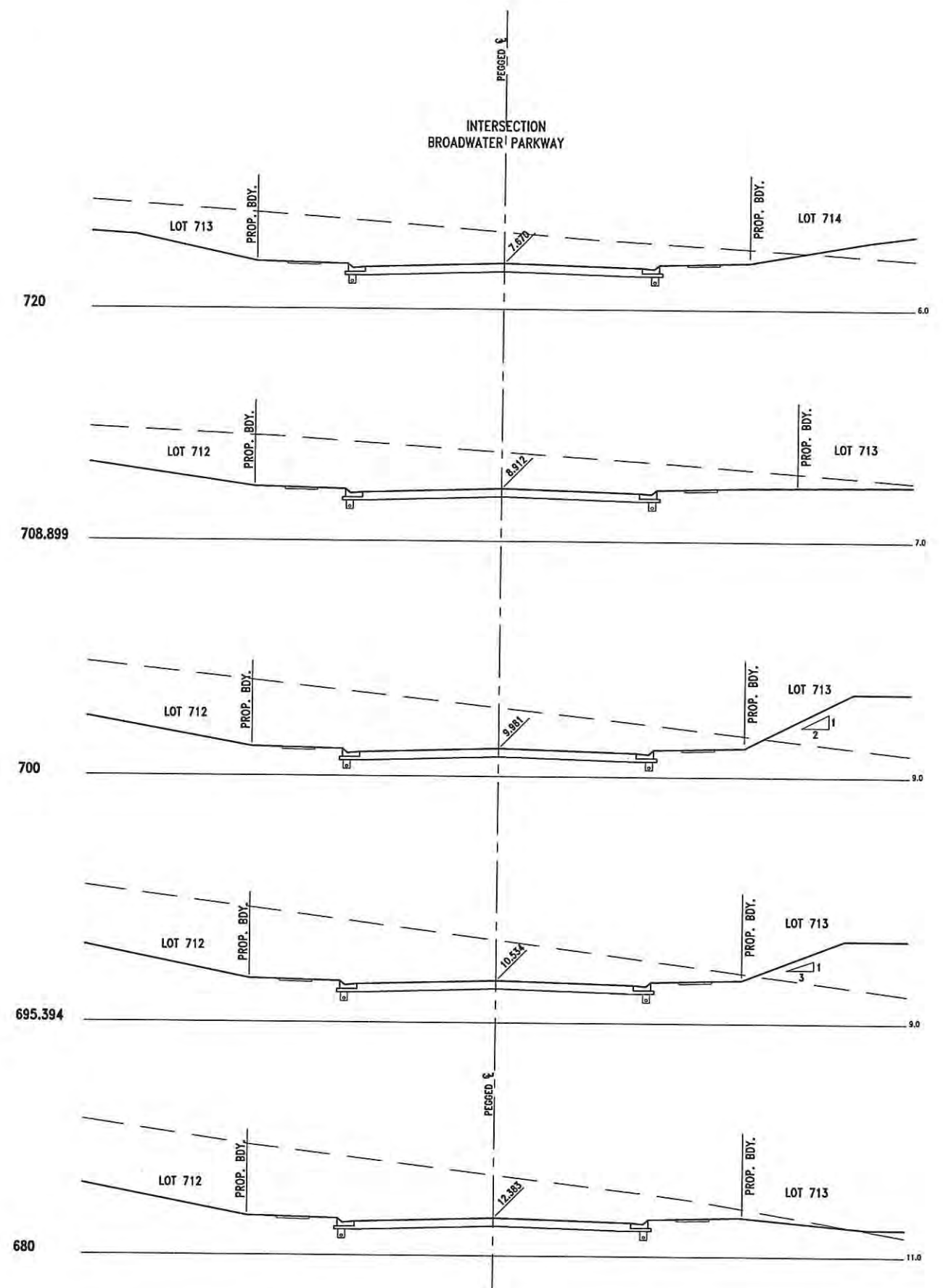
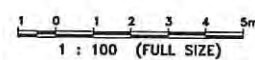
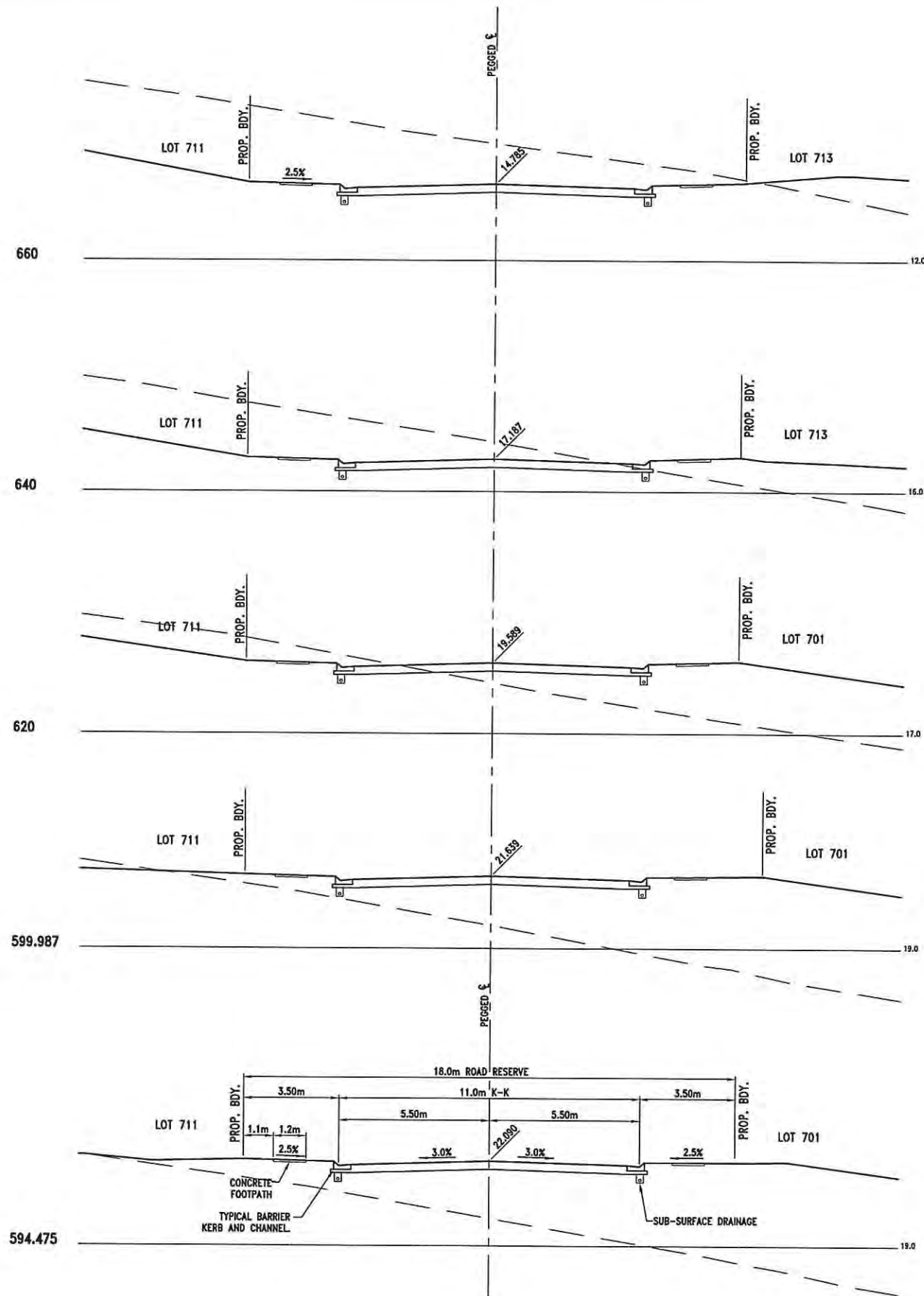
SK 3594
REVISION B

Bradford Lees Pty Ltd
ABN 29 064 159 191

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NEWLAND DEVELOPERS PTY LTD

09-374
07-01-2013

TERRANORA PRECINCT 1
ROAD 2 CROSS SECTIONS
SHEET 5 OF 5

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Gold Coast Office Level 1, 34 Thomas Drive, Chevron Island QLD 4217

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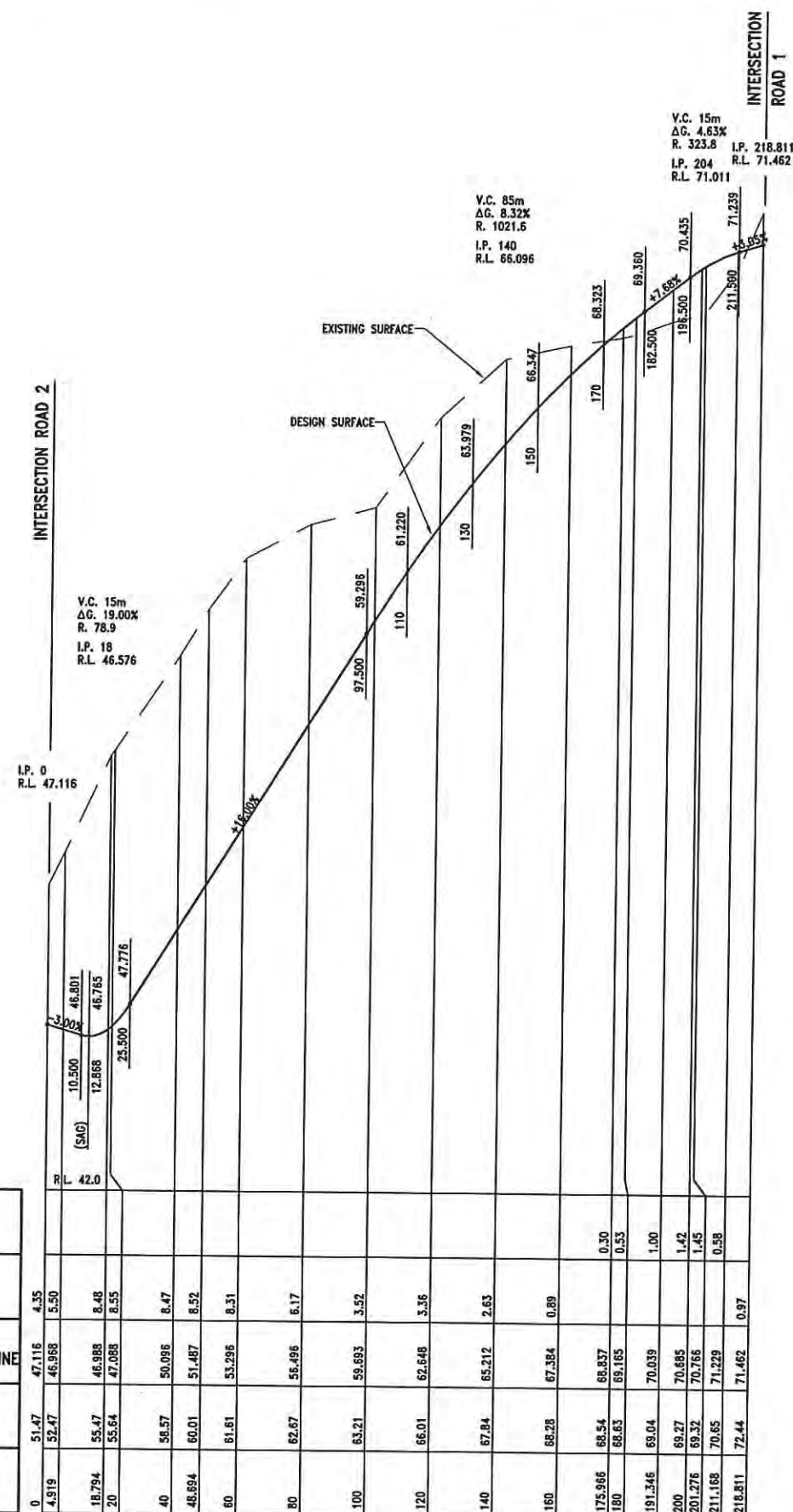
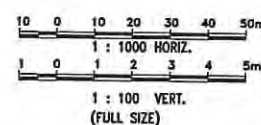
DATUM	
HEIGHT OF FILL	
DEPTH OF CUT	
PAVEMENT LEVEL ON PEGGED CENTRELINE	
EXISTING SURFACE LEVEL	
PEGGED CHAINAGE	

HORIZONTAL
CURVE DATA

R20

R129

R119 / R15



NEWLAND DEVELOPERS PTY LTD

TERRANORA PRECINCT 1
ROAD 3
LONGITUDINAL SECTION

09-374
07-01-2013

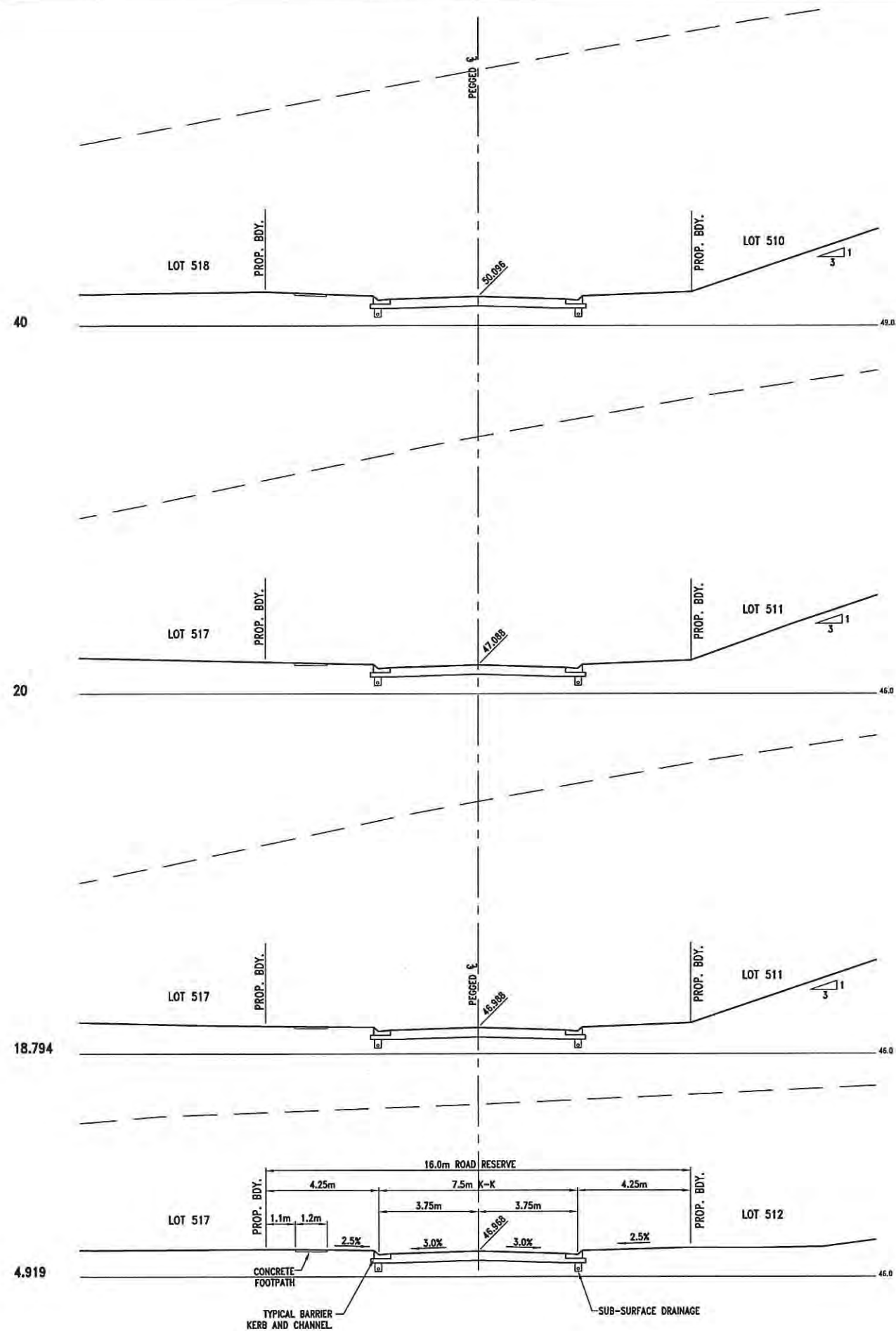
SK 3595
REVISION B

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ABN 29 064 159 191

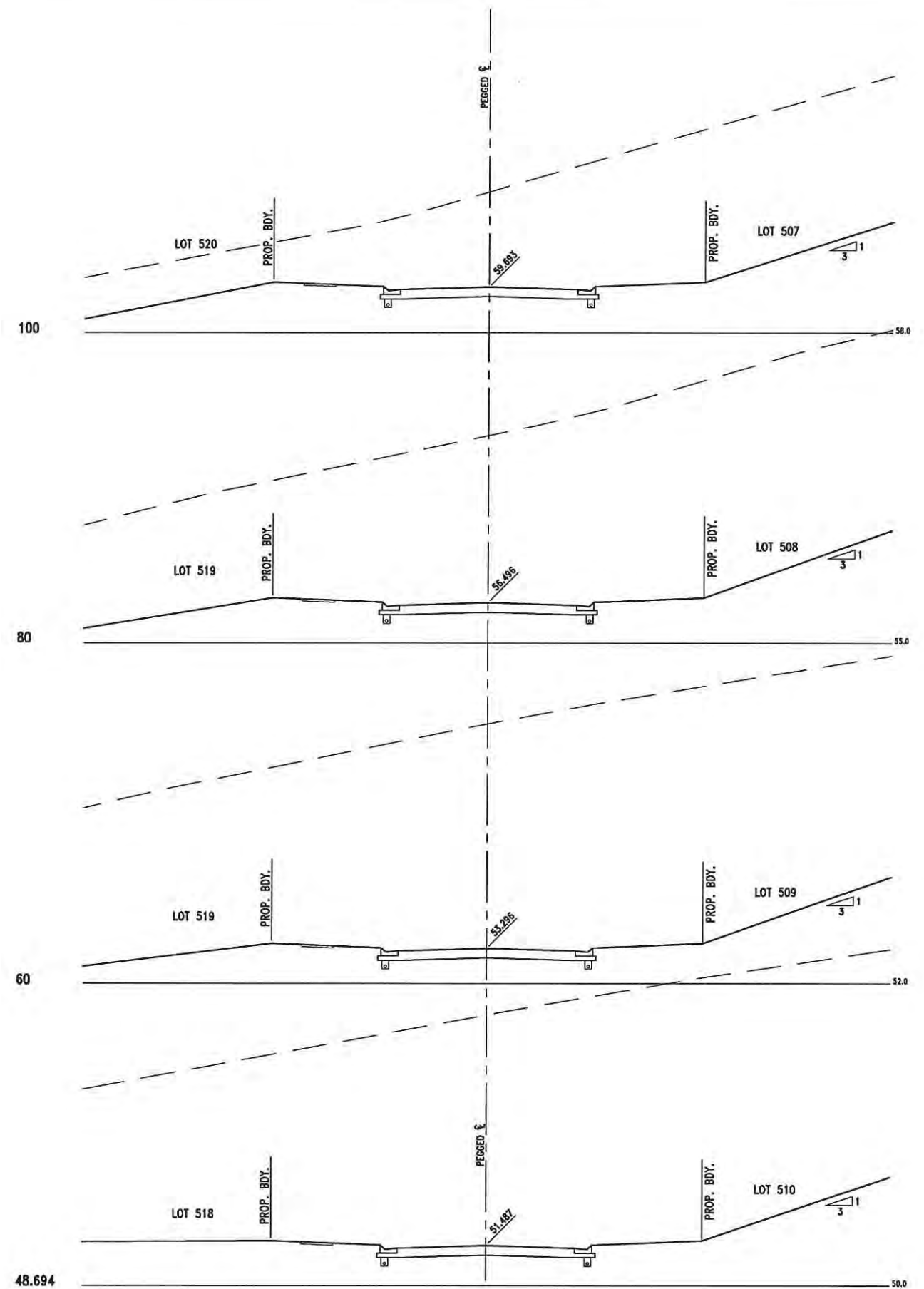
Ph 07 5528 6411
Fax 07 5528 6422
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Gold Coast Office Level 1, 34 Thomas Drive, Chevron Island QLD 4217

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1 0 1 2 3 4 5m
1 : 100 (FULL SIZE)



NEWLAND DEVELOPERS PTY LTD

09-374
07-01-2013

TERRANORA PRECINCT 1
ROAD 3 CROSS SECTIONS
SHEET 1 OF 2

SK 3596
REVISION B

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ABN 29 064 159 191

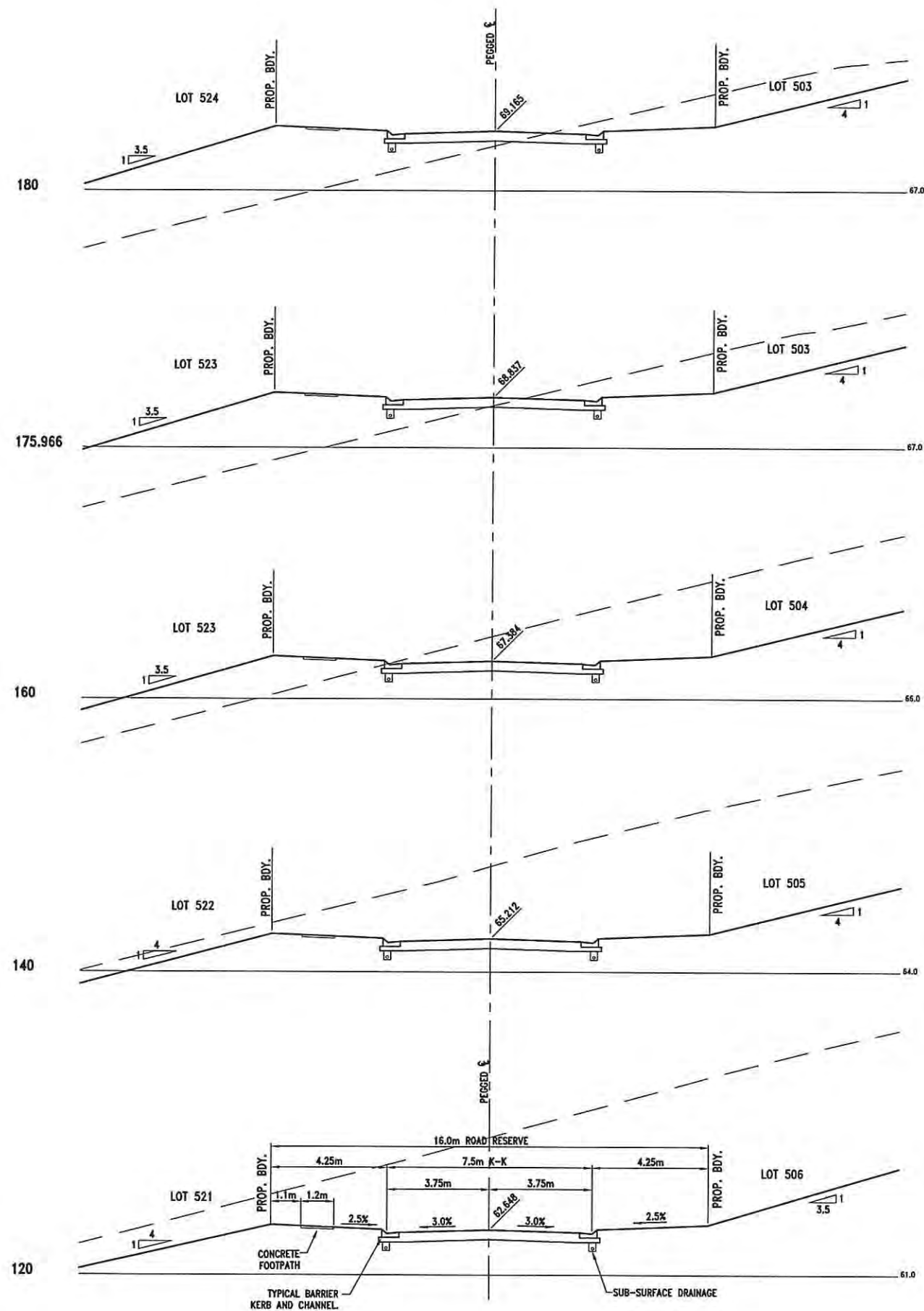
Ph 07 5528 6411
Fax 07 5528 6422

Web www.bradlees.com.au
Email mail@bradlees.com.au

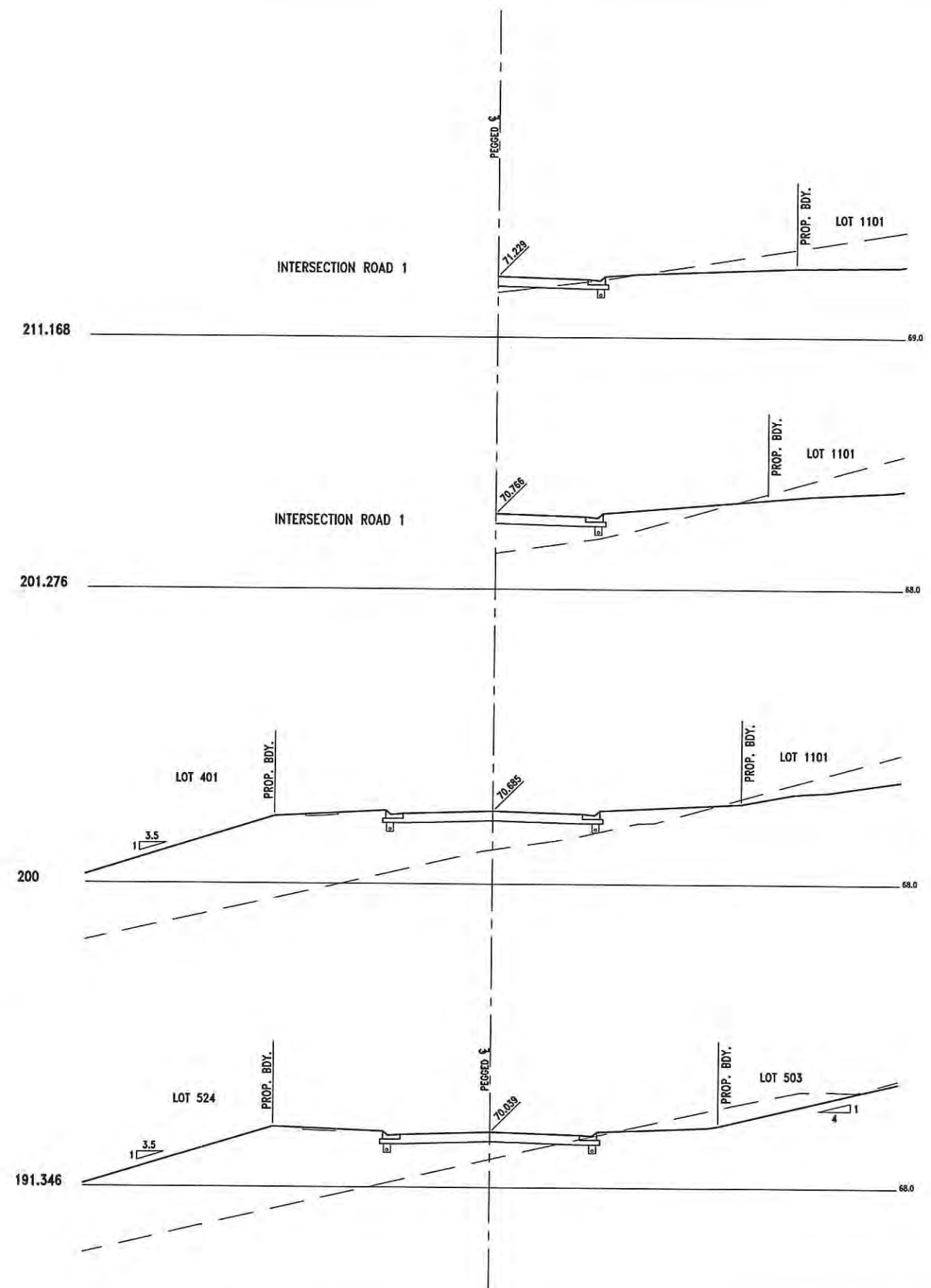
Postal PO Box 2293, Southport QLD 4215
Gold Coast Office Level 1, 34 Thomas Drive, Chevron Island QLD 4217

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Civil Consulting





1 0 1 2 3 4 5m
1 : 100 (FULL SIZE)



NEWLAND DEVELOPERS PTY LTD

TERRANORA PRECINCT 1
ROAD 3 CROSS SECTIONS
SHEET 2 OF 2

09-374
07-01-2013

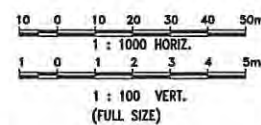
SK 3597
REVISION B

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Postal PO Box 2293, Southport QLD 4215
Gold Coast Office Level 1, 34 Thomas Drive, Chevron Island QLD 4217

Bradlees
Civil Consulting

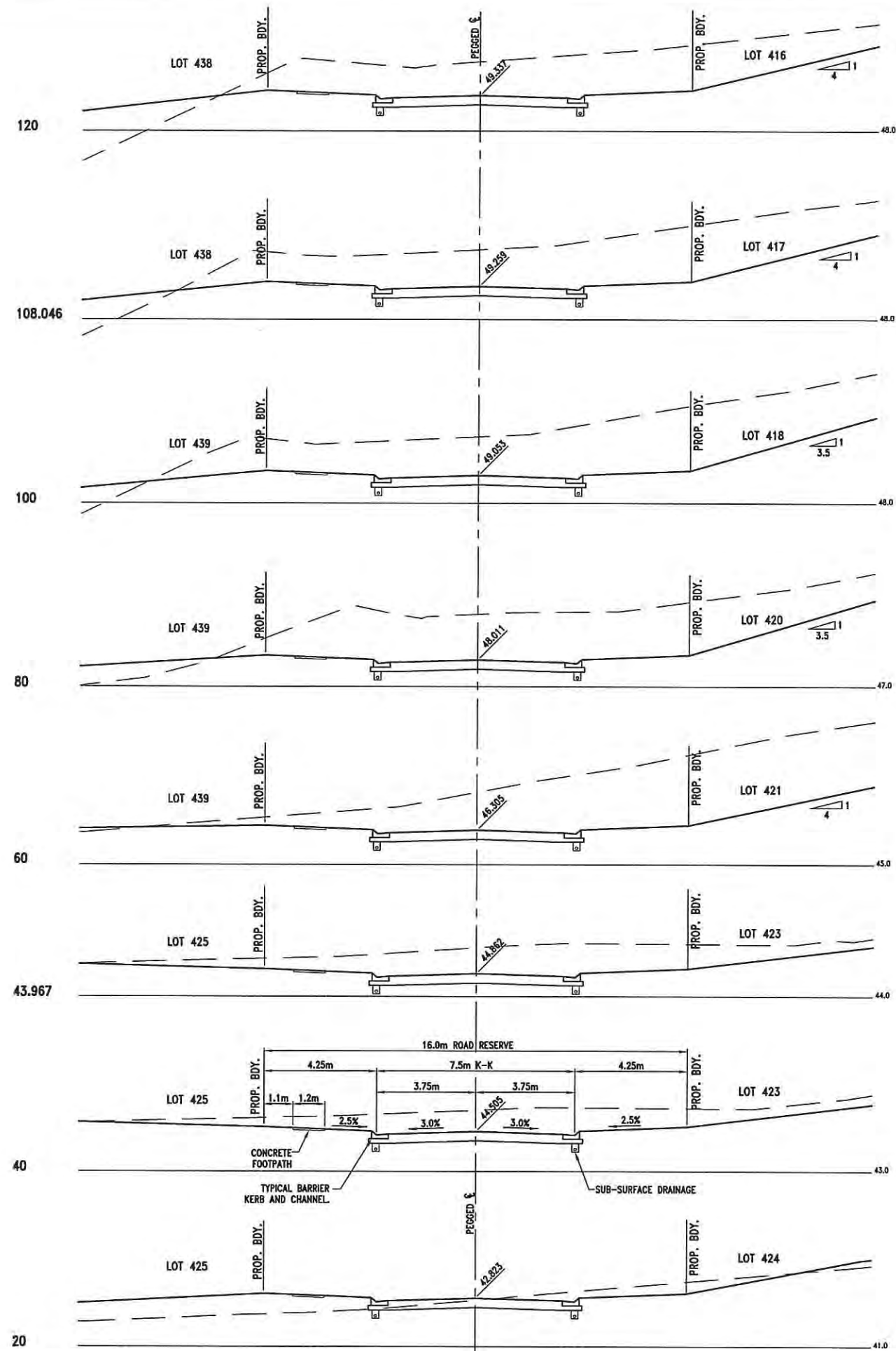


SK 3598
REVISION B

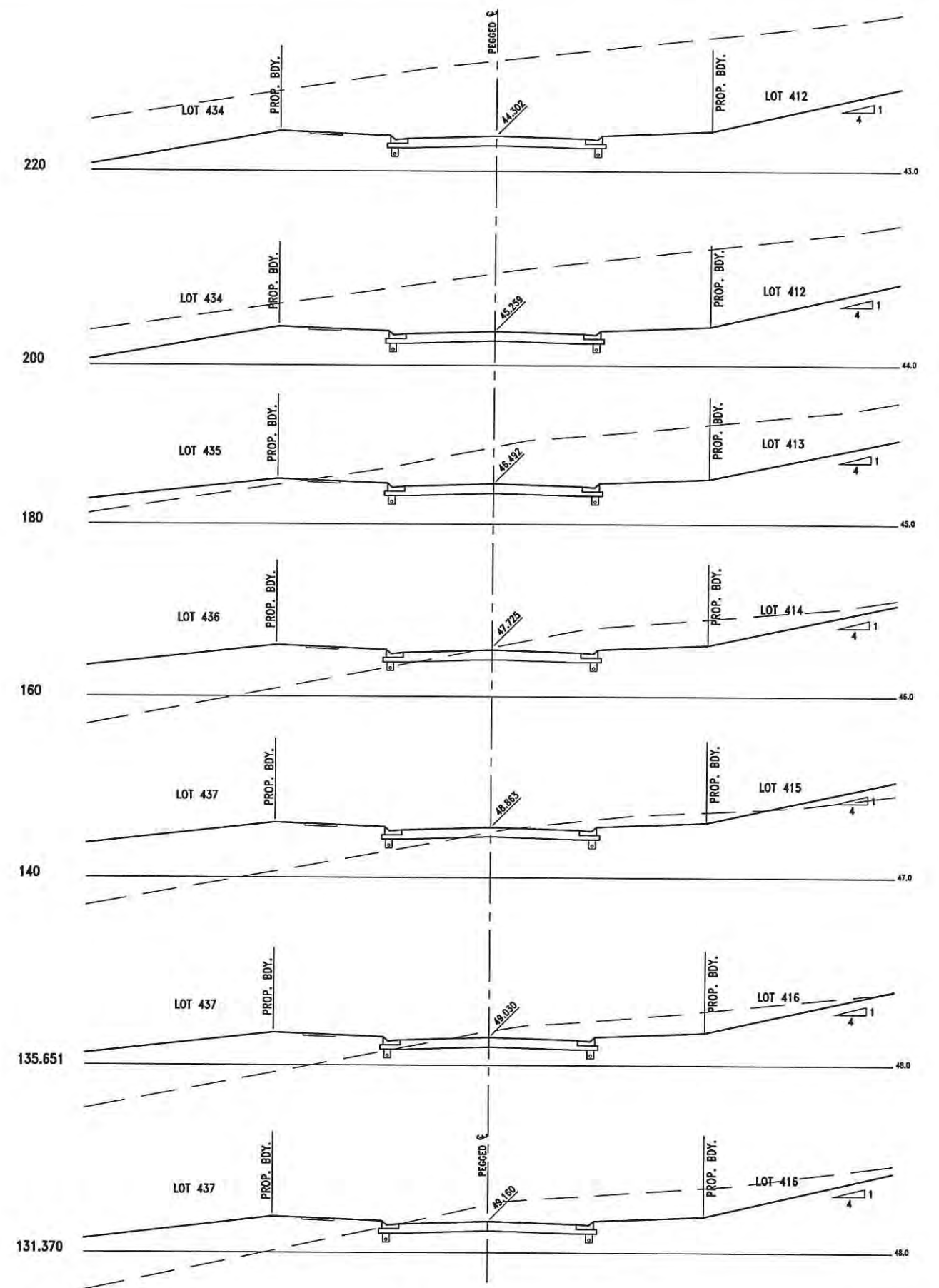
Bradford Lees Pty Ltd
ABN 29 064 159 191

Ph 07 5528 6411
Fax 07 5528 6422
Web www.bradlees.com.au
Email mail@bradlees.com.au
Postal PO Box 2293, Southport QLD 4215
Gold Coast Office Level 1, 34 Thomas Drive, Chevron Island QLD 4217





1 0 1 2 3 4 5m
1 : 100 (FULL SIZE)



NEWLAND DEVELOPERS PTY LTD

TERRANORA PRECINCT 1
ROAD 4
CROSS SECTIONS

09-374
07-01-2013

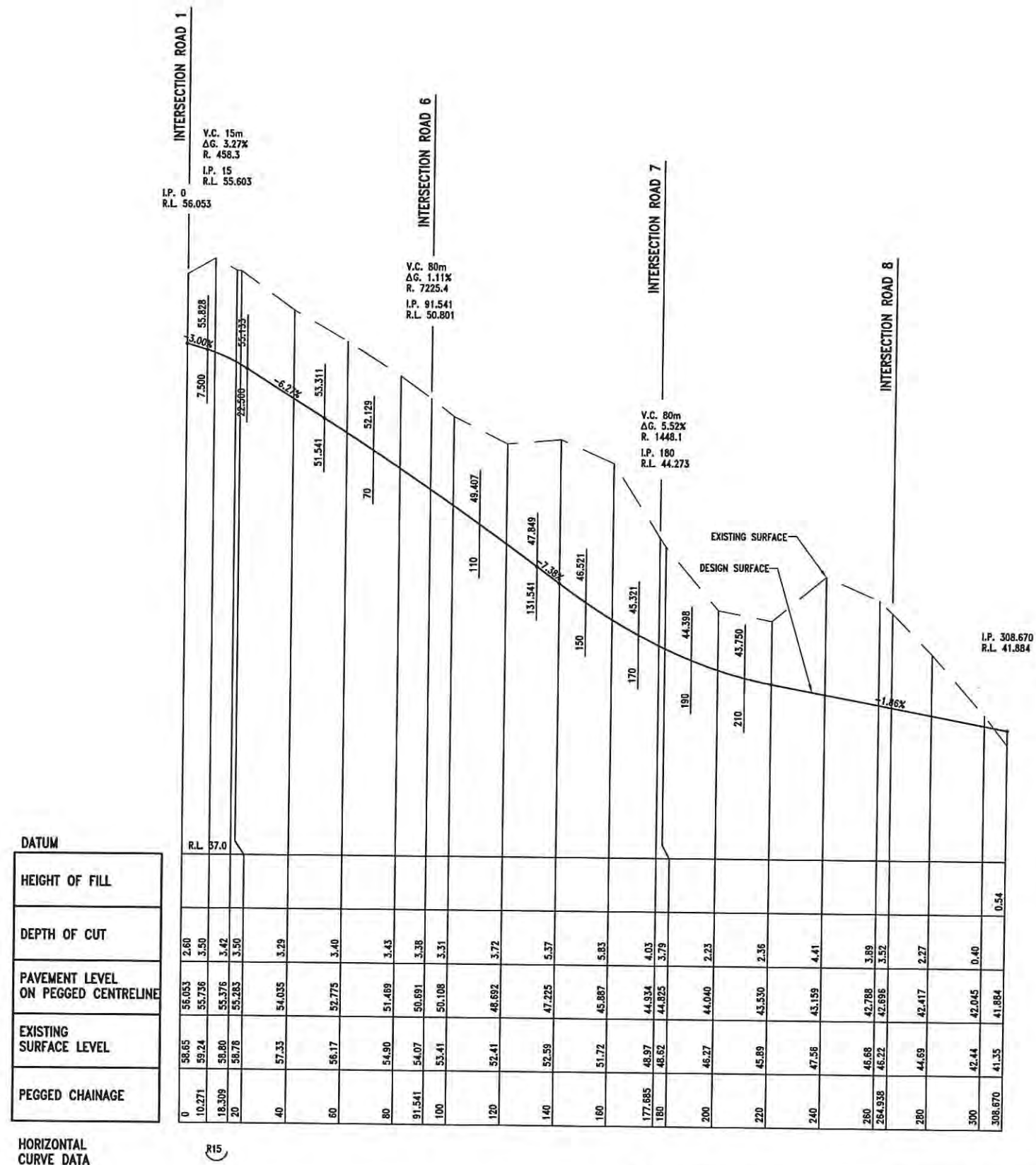
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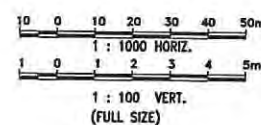
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HORIZONTAL
CURVE DATA

R15



NEWLAND DEVELOPERS PTY LTD

TERRANORA PRECINCT 1
ROAD 5
LONGITUDINAL SECTION

09-374
07-01-2013

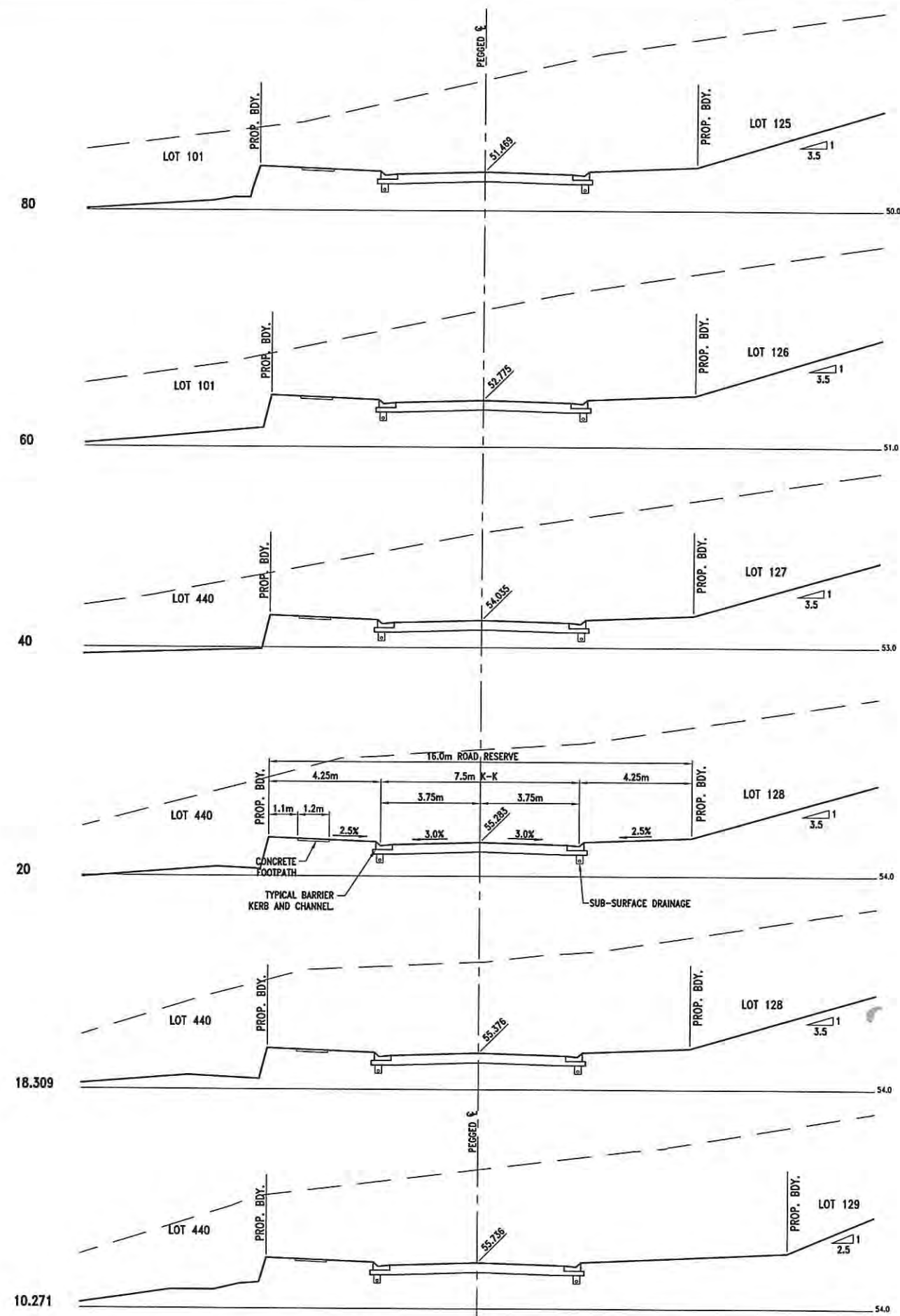
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Bradford Lees Pty Ltd
ABN 29 064 159 191

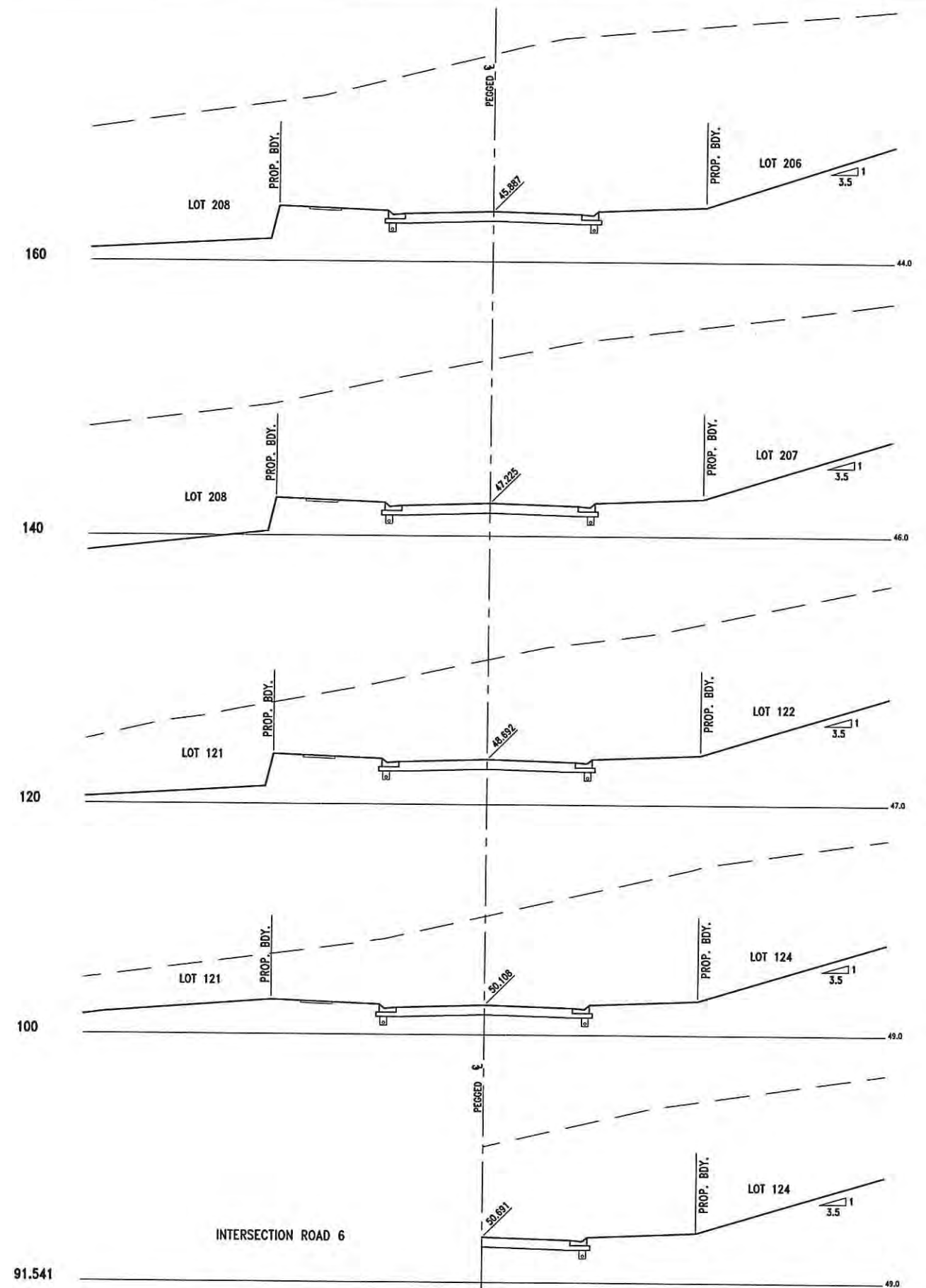
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1 0 1 2 3 4 5m
1 : 100 (FULL SIZE)



NEWLAND DEVELOPERS PTY LTD

09-374
07-01-2013

TERRANORA PRECINCT 1
ROAD 5 CROSS SECTIONS
SHEET 1 OF 2

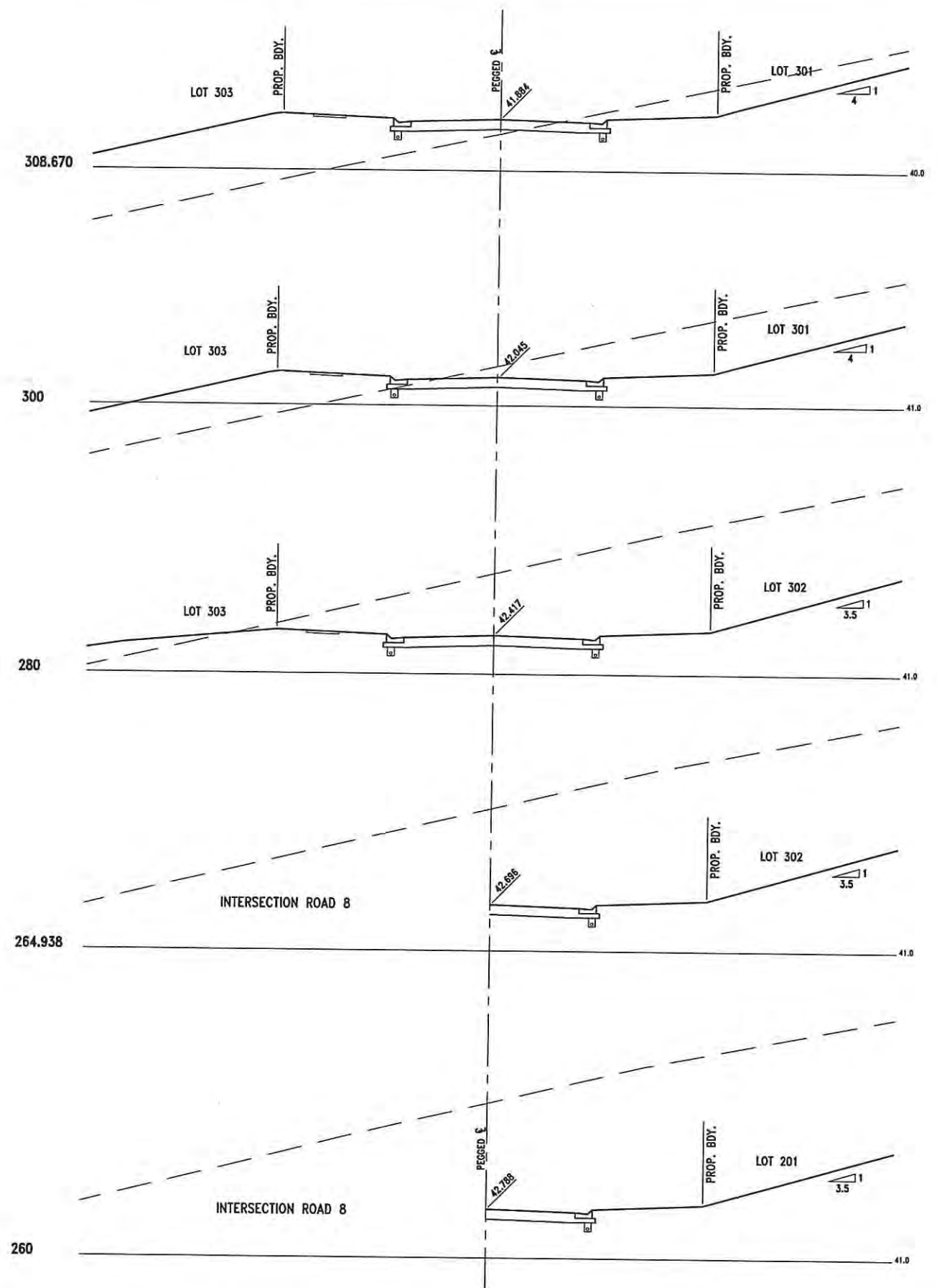
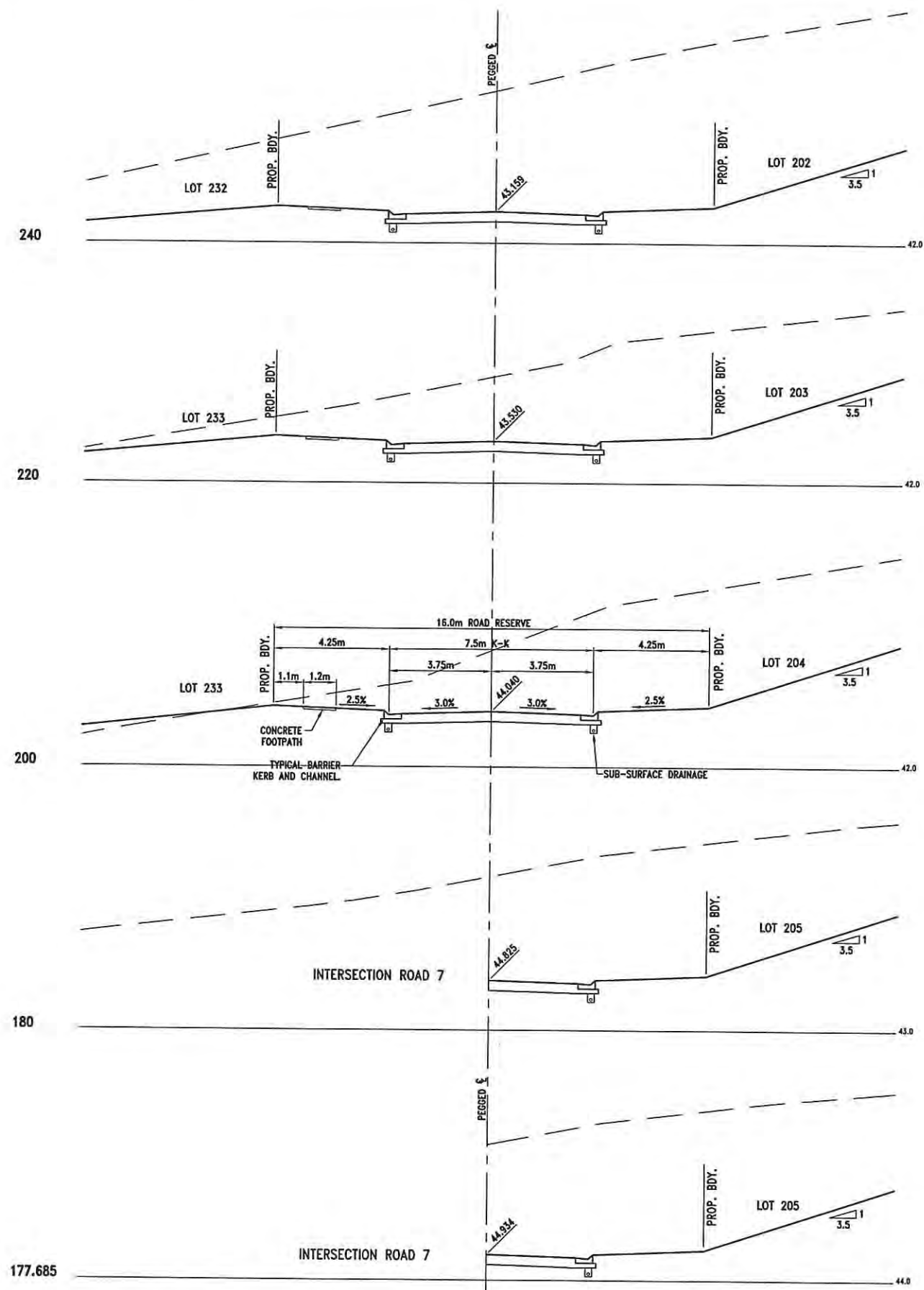
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1 0 1 2 3 4 5m
1 : 100 (FULL SIZE)

NEWLAND DEVELOPERS PTY LTD

TERRANORA PRECINCT 1
ROAD 5 CROSS SECTIONS
SHEET 2 OF 2

09-374
07-01-2013

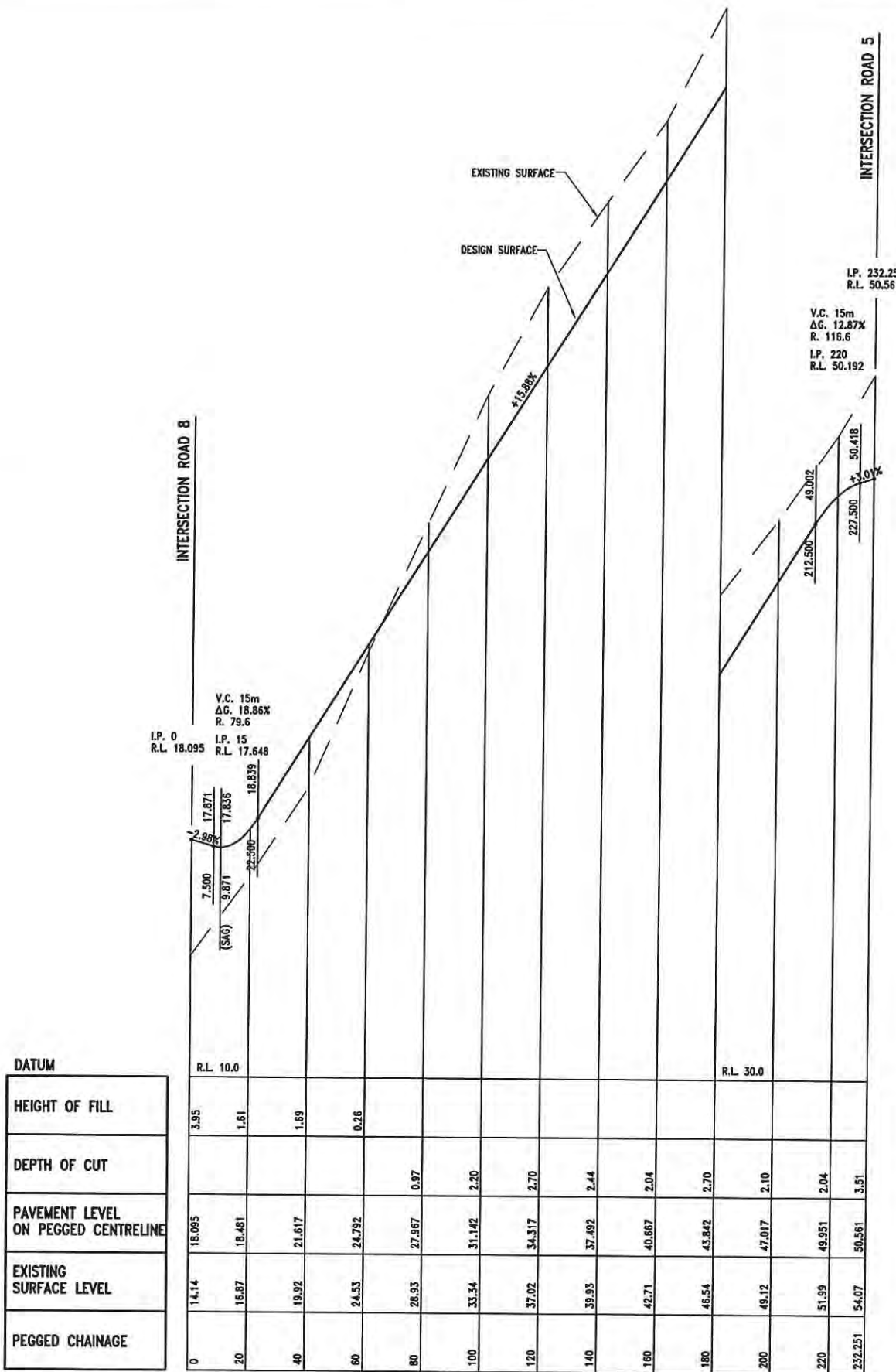
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DATUM				
HEIGHT OF FILL	3.95	1.61	1.69	0.26
DEPTH OF CUT				
PAVEMENT LEVEL ON PEGGED CENTRELINE	18.095	18.481	21.617	24.792
EXISTING SURFACE LEVEL	14.14	16.87	19.92	24.53
PEGGED CHAINAGE	0	20	40	60

HORIZONTAL
CURVE DATA



NEWLAND DEVELOPERS PTY LTD

TERRANORA PRECINCT 1
ROAD 6
LONGITUDINAL SECTION

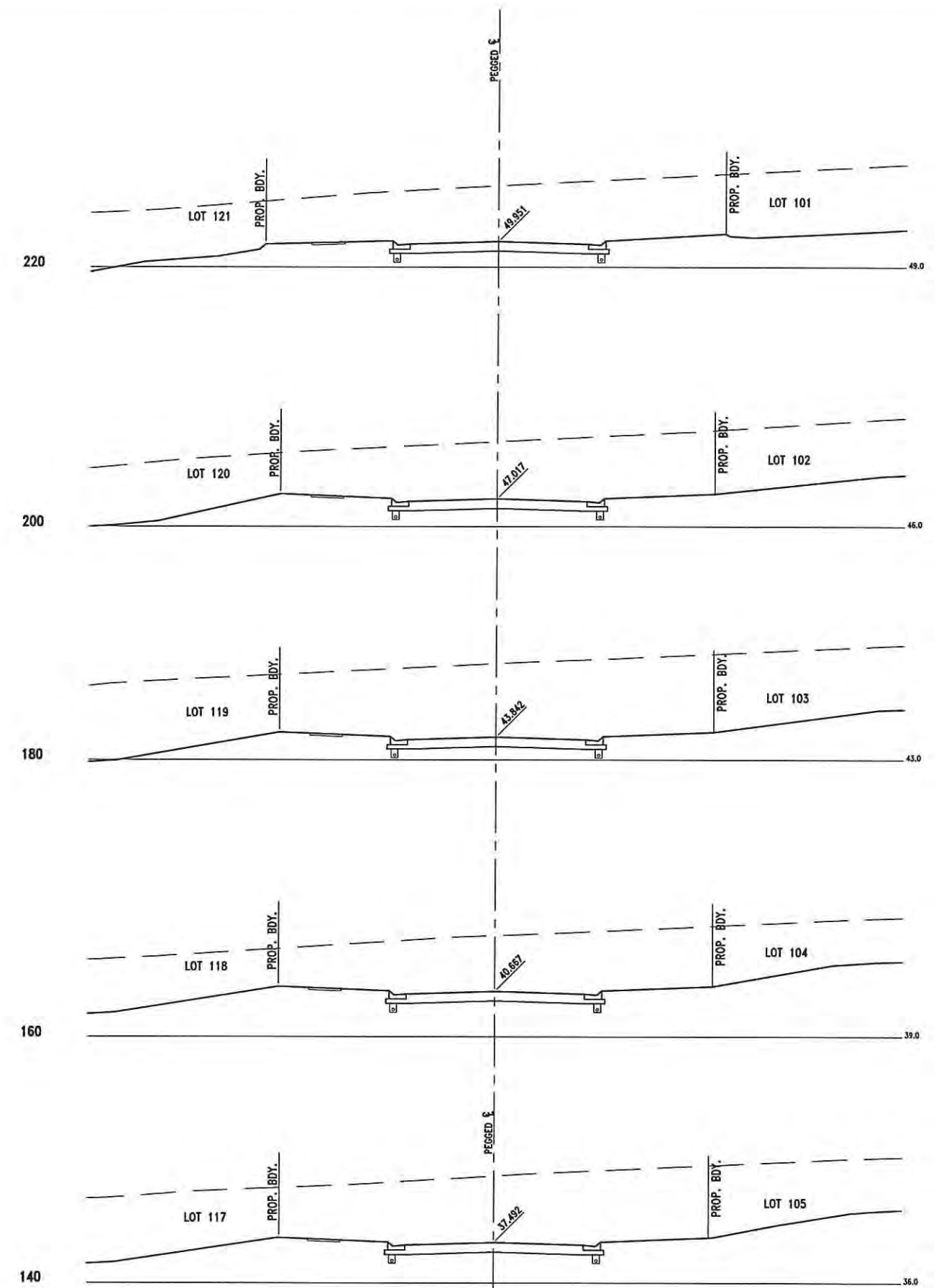
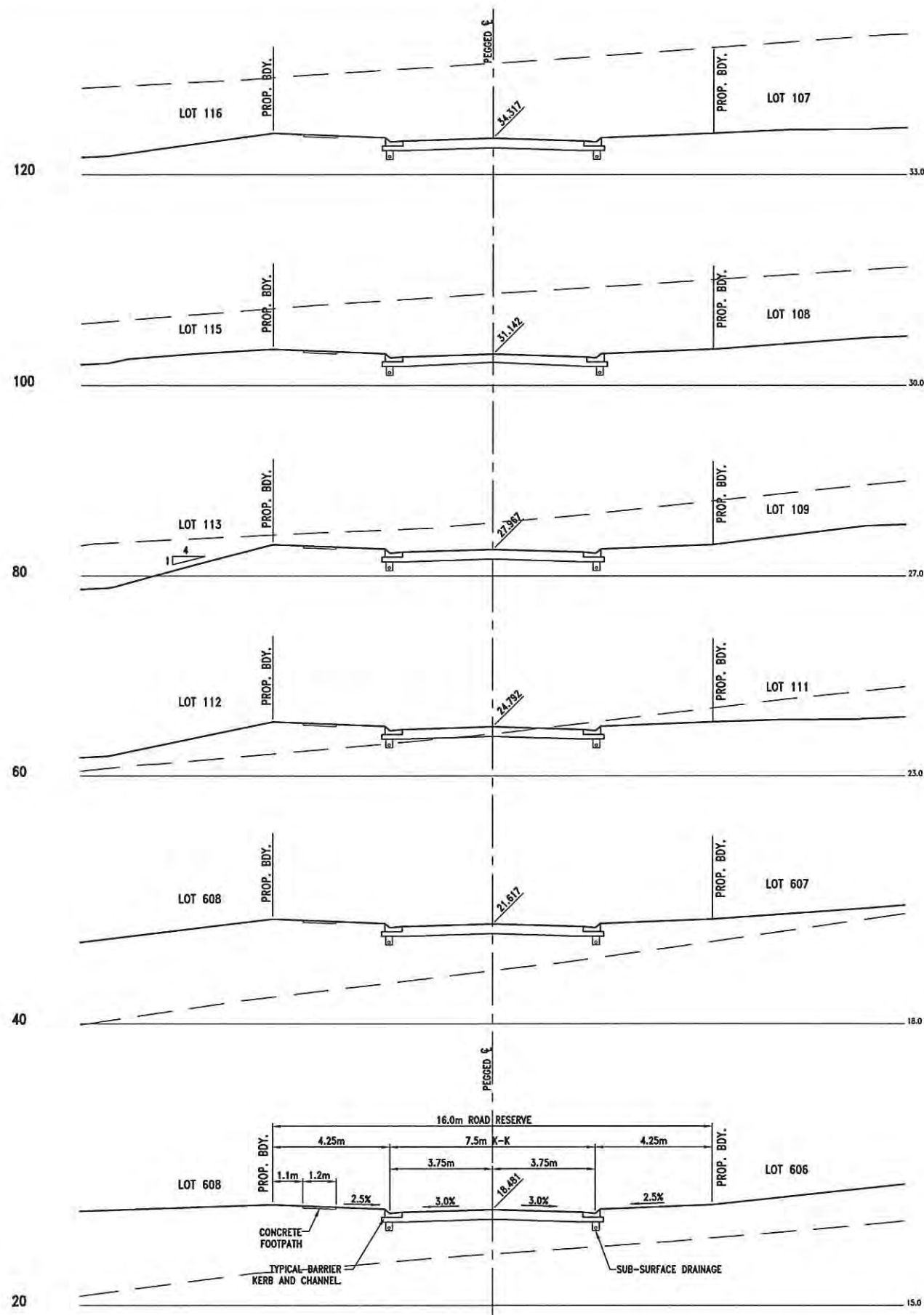
09-374
07-01-2013

SK 3602
REVISION 8

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1 0 1 2 3 4 5m
1 : 100 (FULL SIZE)

NEWLAND DEVELOPERS PTY LTD

TERRANORA PRECINCT 1

ROAD 6
CROSS SECTIONS

09-374
07-01-2013

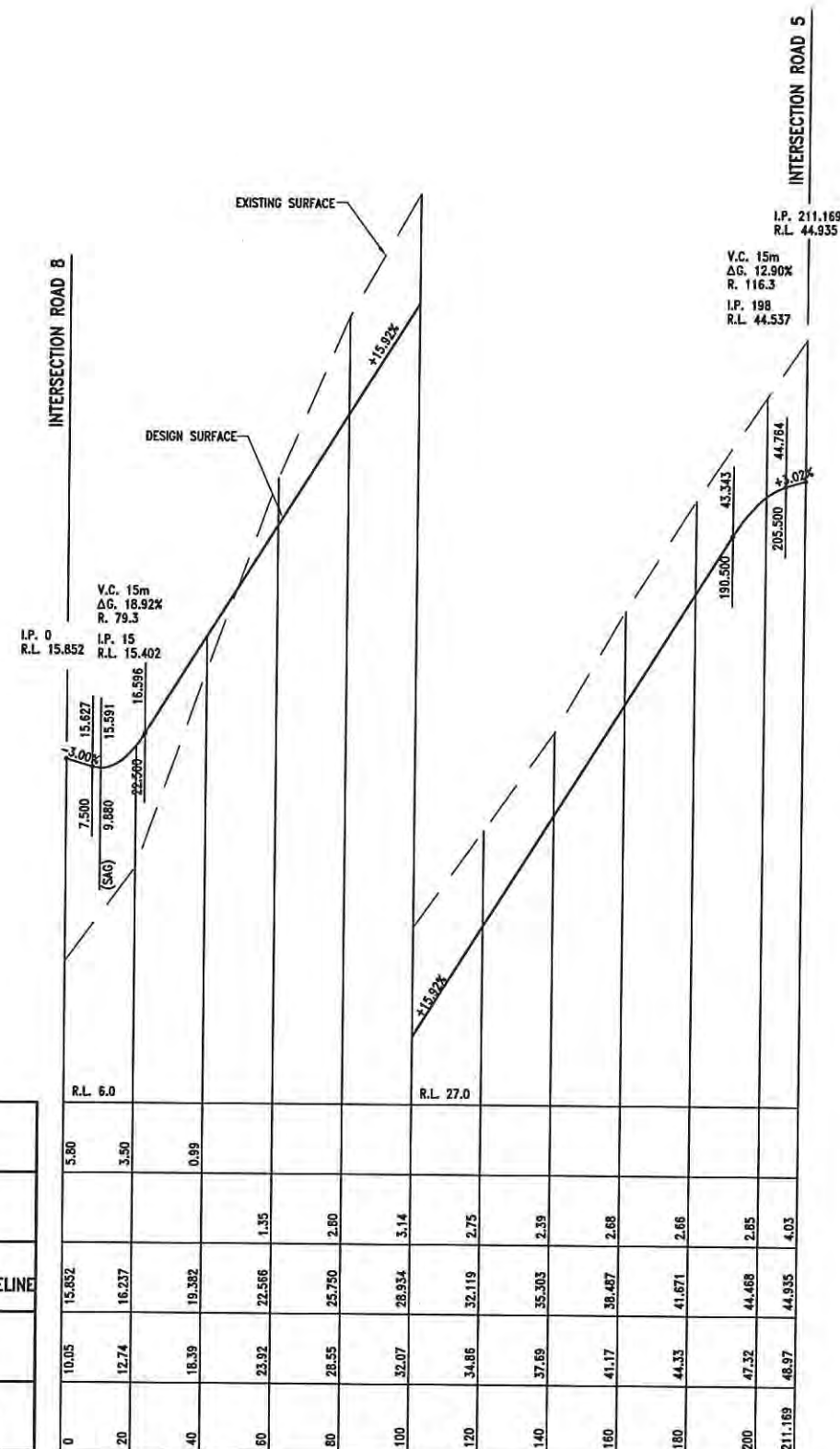
SK 3965
REVISION A

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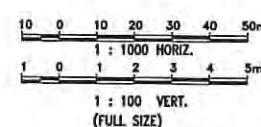
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DATUM				
HEIGHT OF FILL	DEPTH OF CUT	PAVEMENT LEVEL ON PEGGED CENTRELINE	EXISTING SURFACE LEVEL	PEGGED CHAINAGE
5.80		15.852	10.05	0
3.50		16.237	12.74	20
0.99		19.382	18.39	40
	1.35	22.566	23.92	60
	2.80	25.750	28.55	80
	3.14	28.934	32.07	100
	2.75	32.119	34.86	120
	2.39	35.303	37.69	140
	2.68	38.487	41.17	160
	2.66	41.671	44.33	180
	2.85	44.855	47.32	200
	4.03	48.935	48.97	211.169

HORIZONTAL
CURVE DATA



NEWLAND DEVELOPERS PTY LTD

TERRANORA PRECINCT 1
ROAD 7
LONGITUDINAL SECTION

09-374
07-01-2013

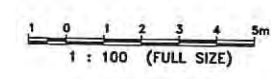
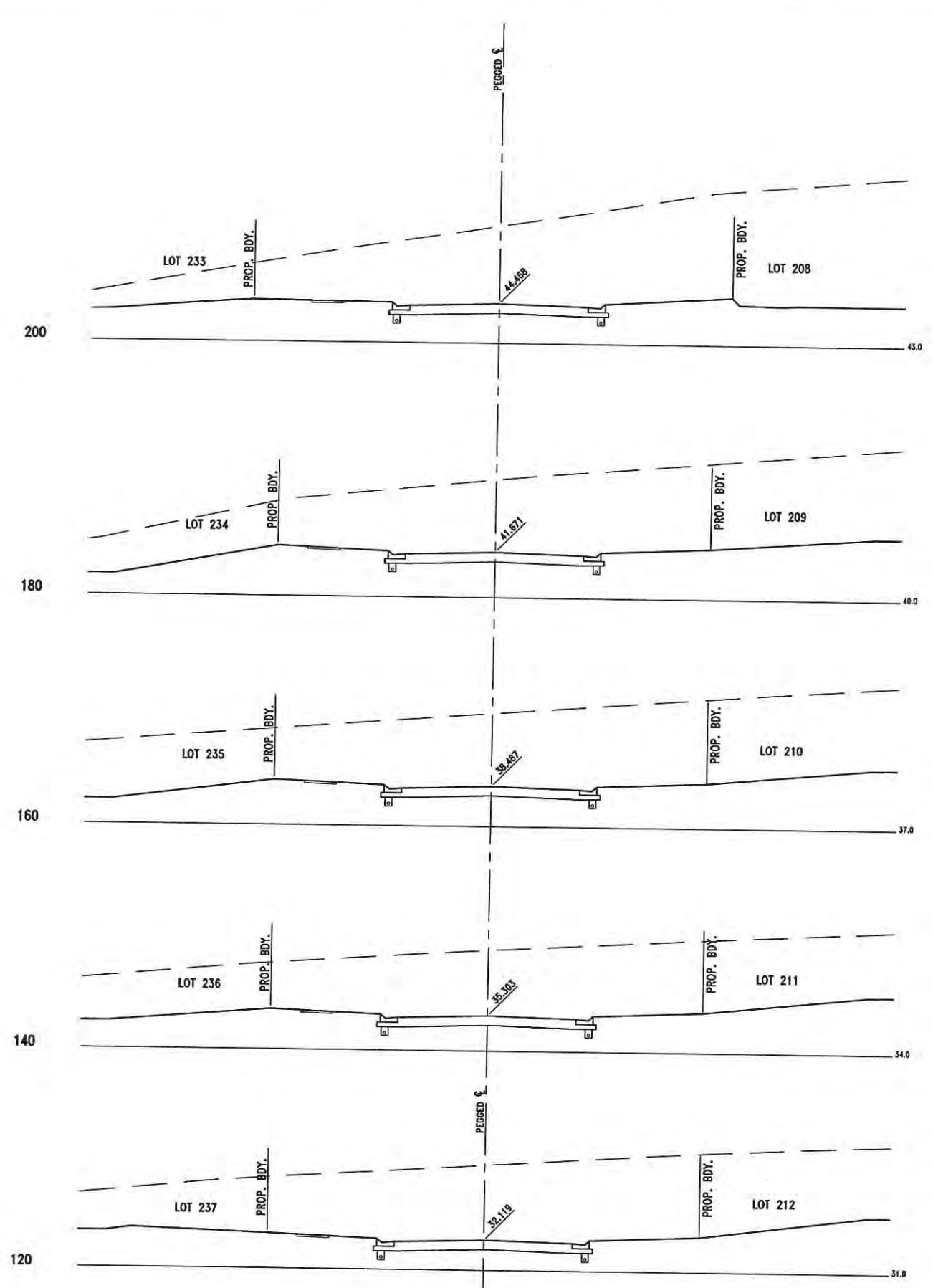
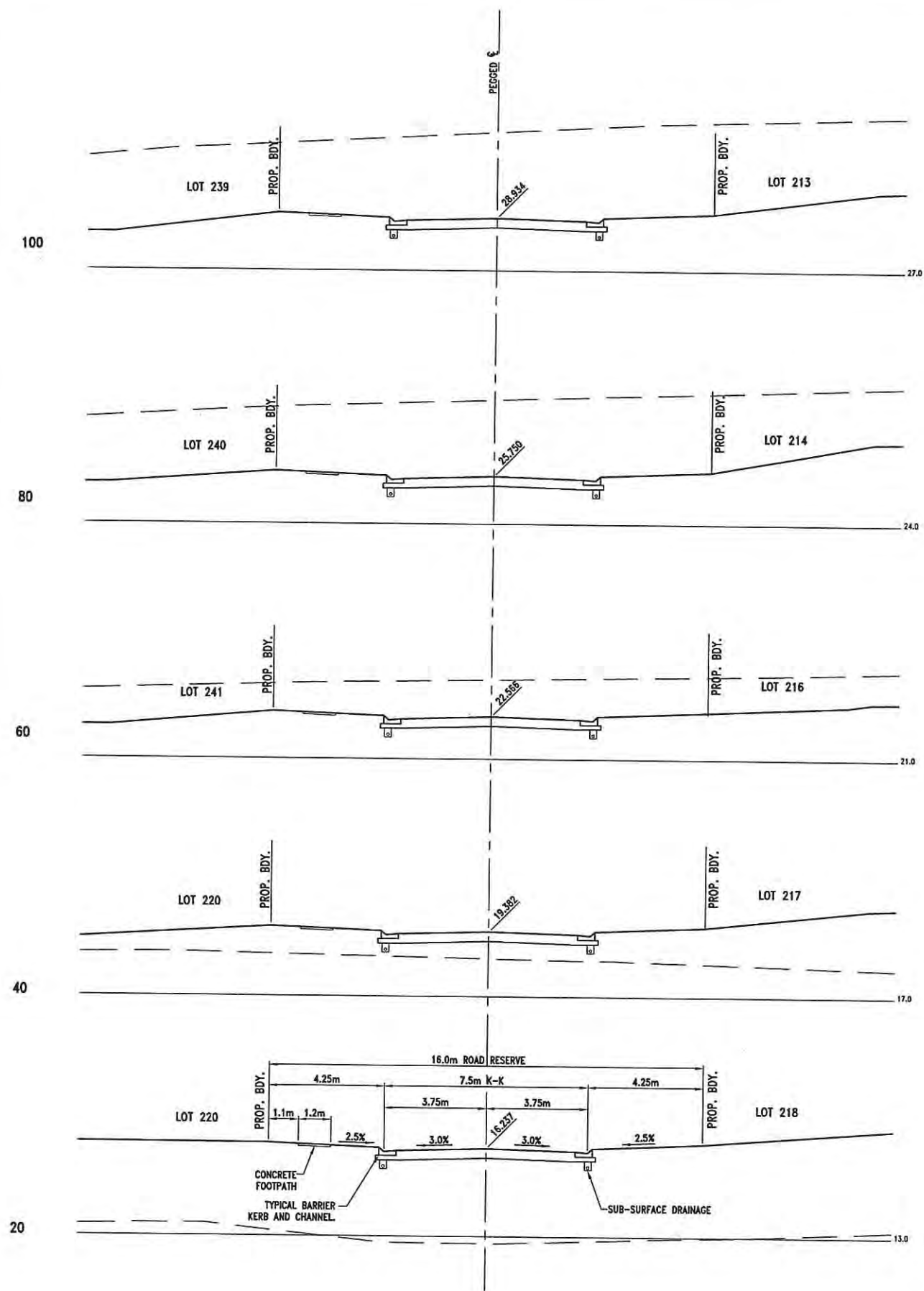
SK 3603
REVISION B

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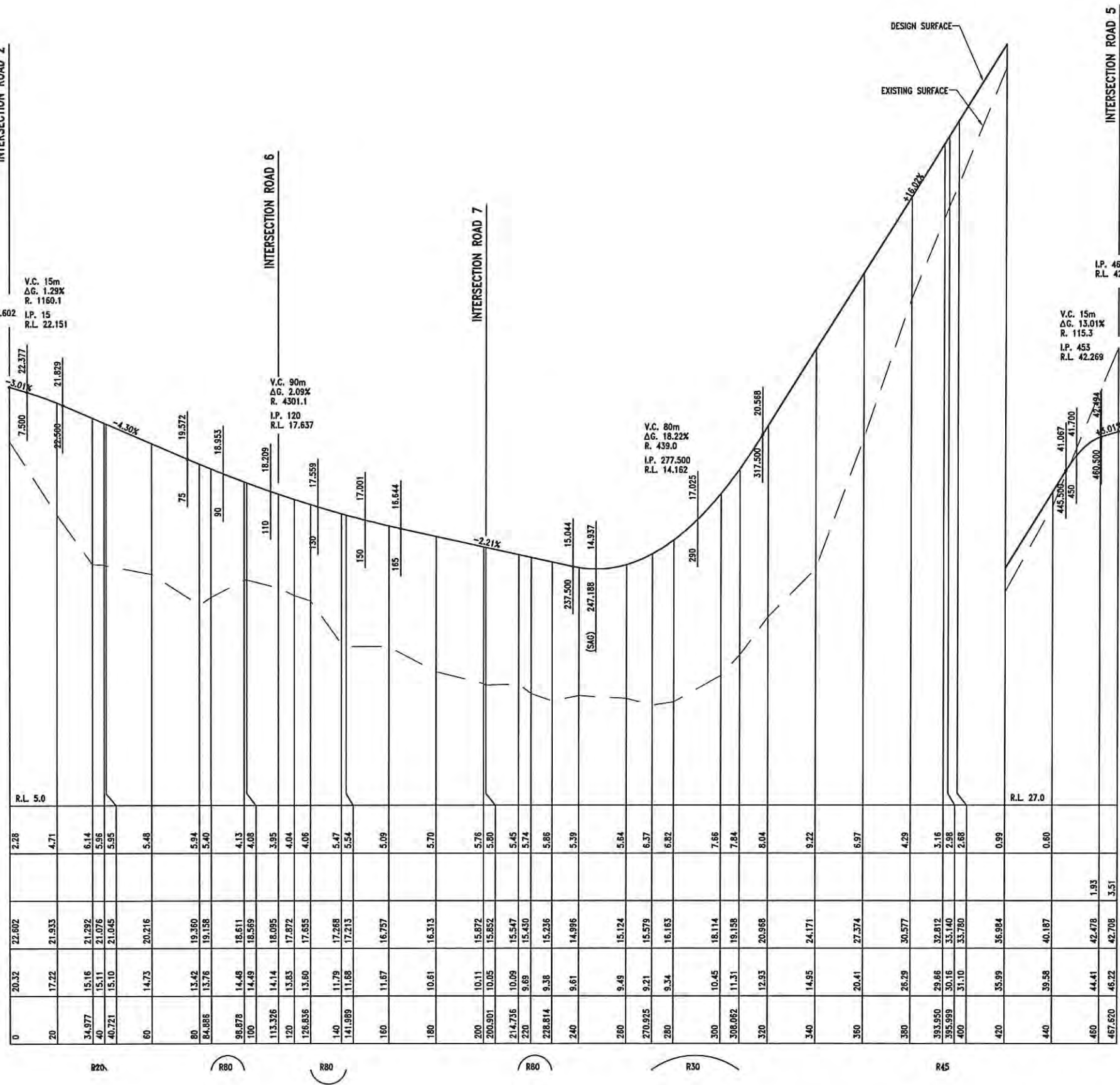


NEWLAND DEVELOPERS PTY LTD	
TERRANORA PRECINCT 1	
ROAD 7	
CROSS SECTIONS	
09-374 07-01-2013	SK 3966 REVISION A

Bradford Lees Pty Ltd ABN 29 064 159 191 Ph 07 5528 6411 Fax 07 5528 6422 Web www.bradlees.com.au Email mail@bradlees.com.au Postal PO Box 2293, Southport QLD 4215 Gold Coast Office Level 1, 34 Thomas Drive, Chevron Island QLD 4217	Bradlees Civil Consulting 	
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DATUM	R.L. 5.0
HEIGHT OF FILL	2.28
DEPTH OF CUT	
PAVEMENT LEVEL ON PEGGED CENTRELINE	22.602
EXISTING SURFACE LEVEL	20.32
PEGGED CHAINAGE	0

HORIZONTAL
CURVE DATA



NEWLAND DEVELOPERS PTY LTD

TERRANORA PRECINCT 1
ROAD 8
LONGITUDINAL SECTION

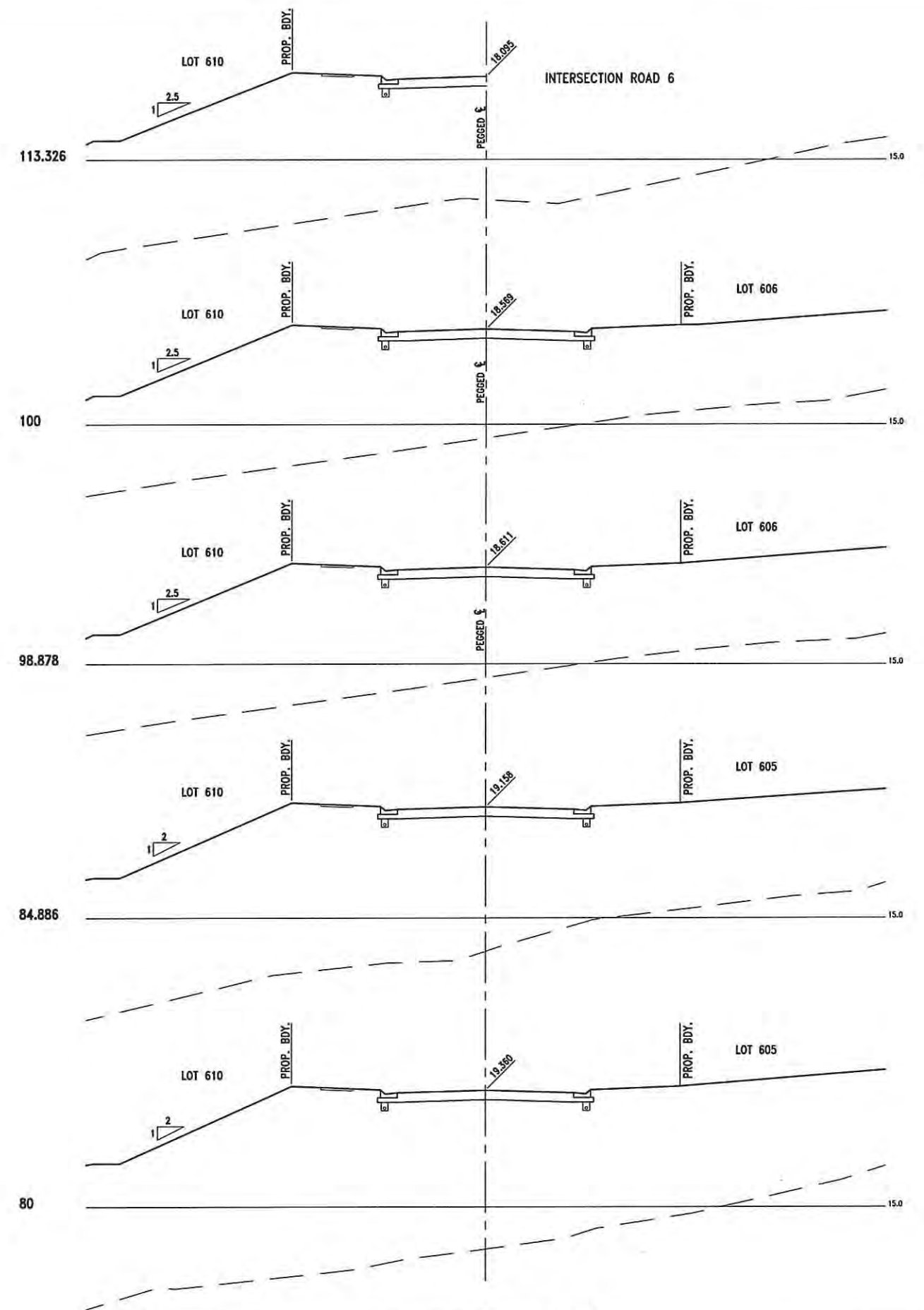
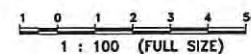
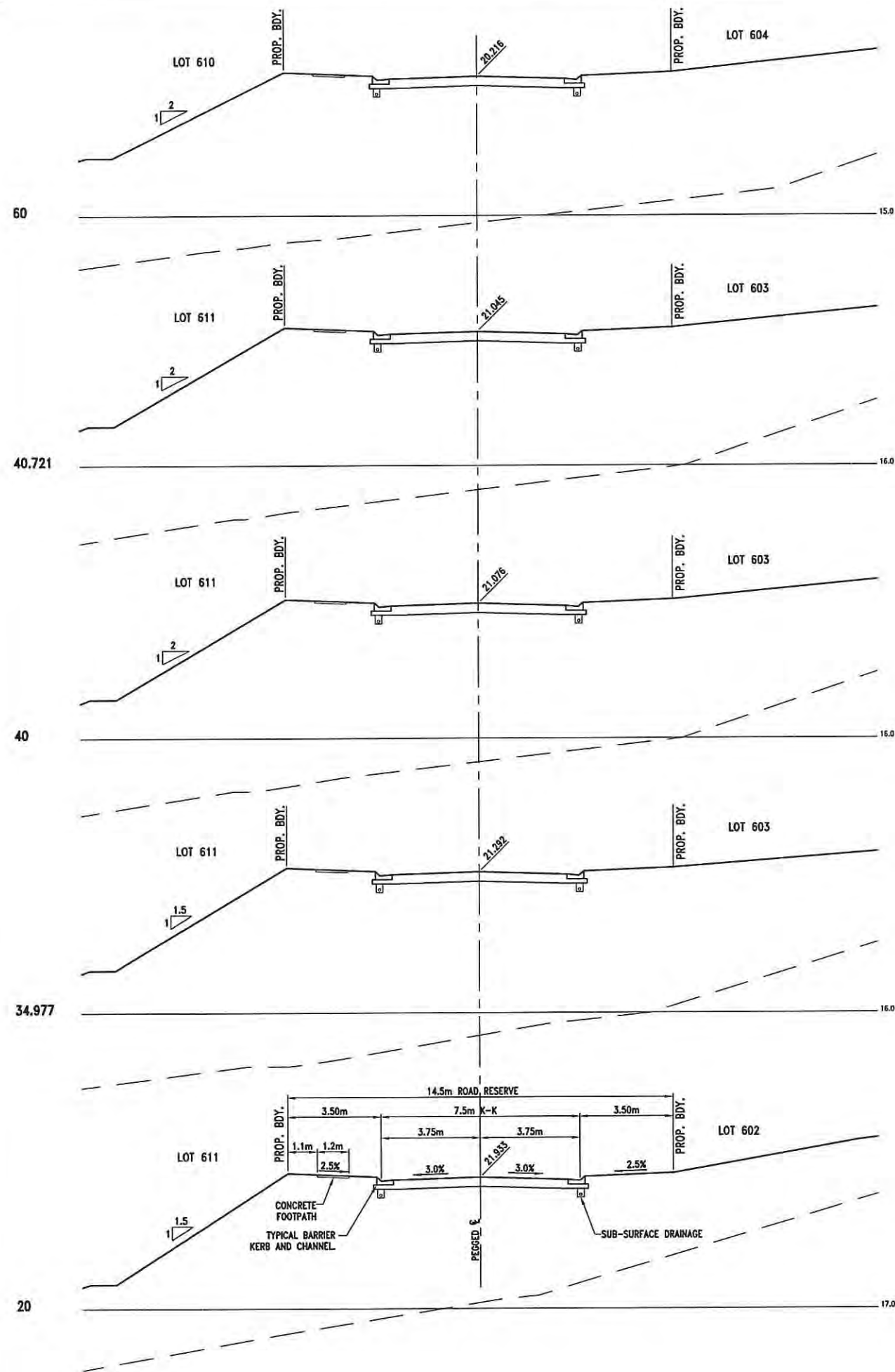
09-374
07-01-2013

SK 3604
REVISION B

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NEWLAND DEVELOPERS PTY LTD

09-374
07-01-2013

TERRANORA PRECINCT 1
ROAD 8 CROSS SECTIONS
SHEET 1 OF 4

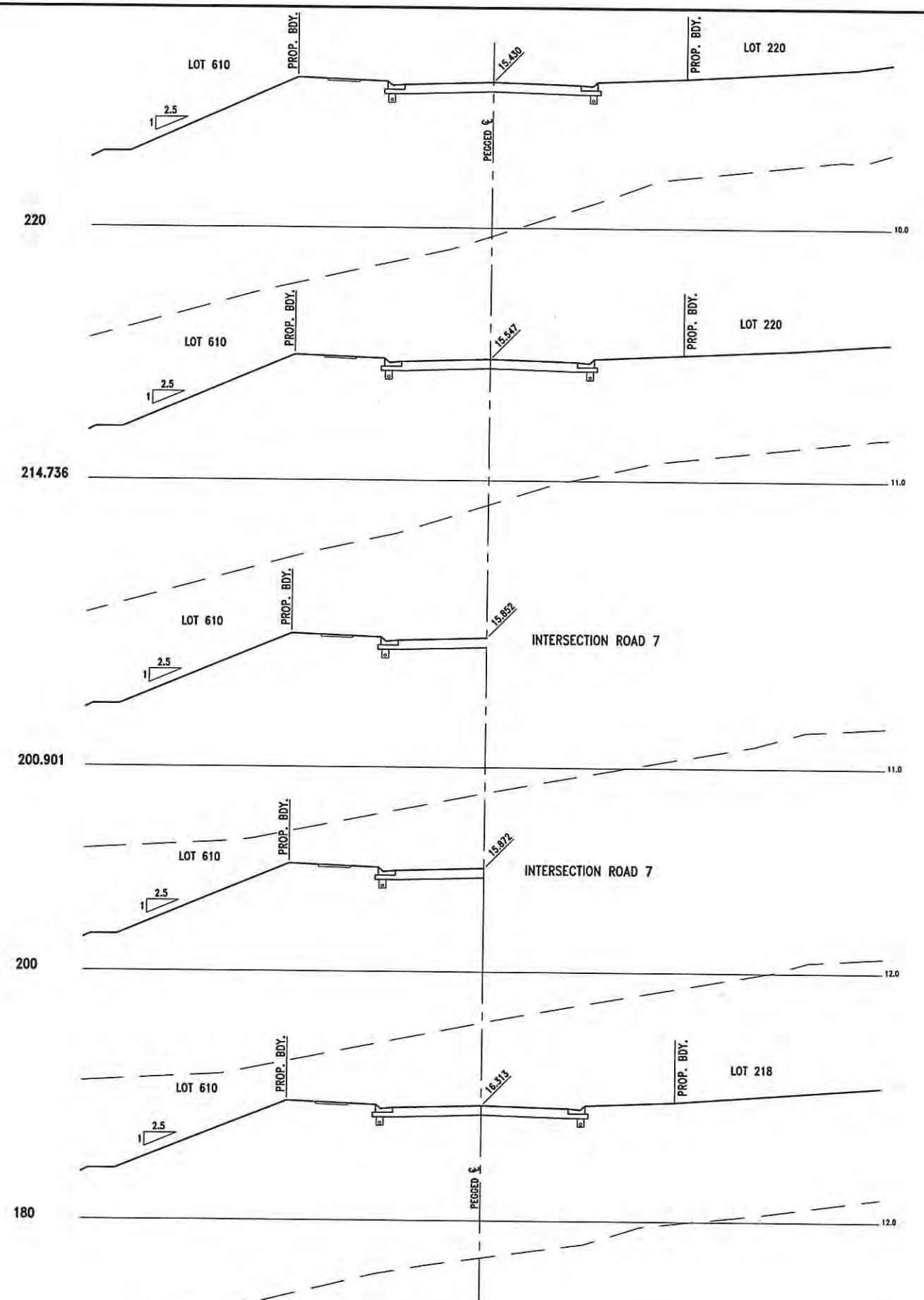
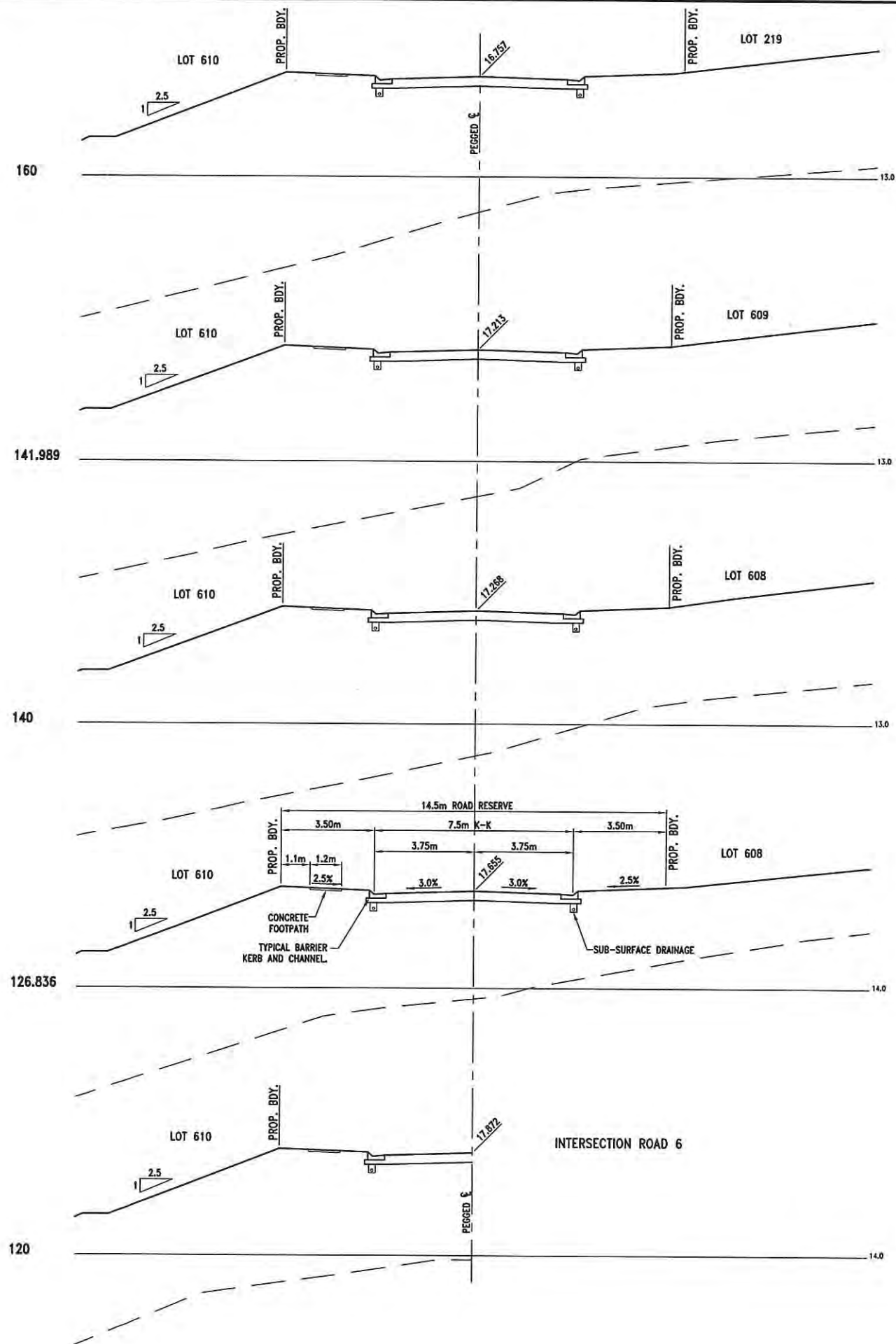
SK 3605
REVISION B

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1 0 1 2 3 4 5m
1 : 100 (FULL SIZE)

NEWLAND DEVELOPERS PTY LTD

09-374
07-01-2013

TERRANORA PRECINCT 1
ROAD 8 CROSS SECTIONS
SHEET 2 OF 4

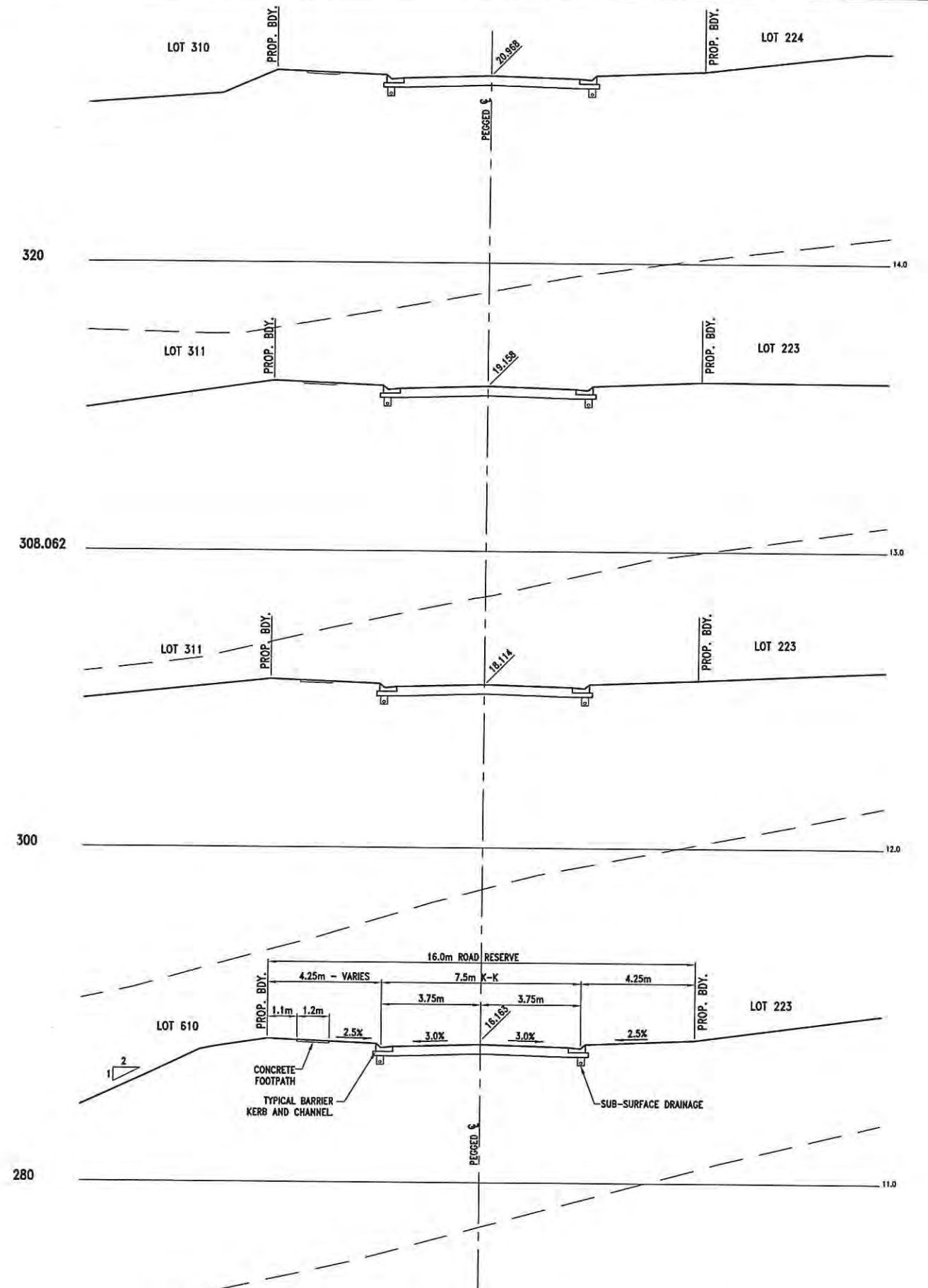
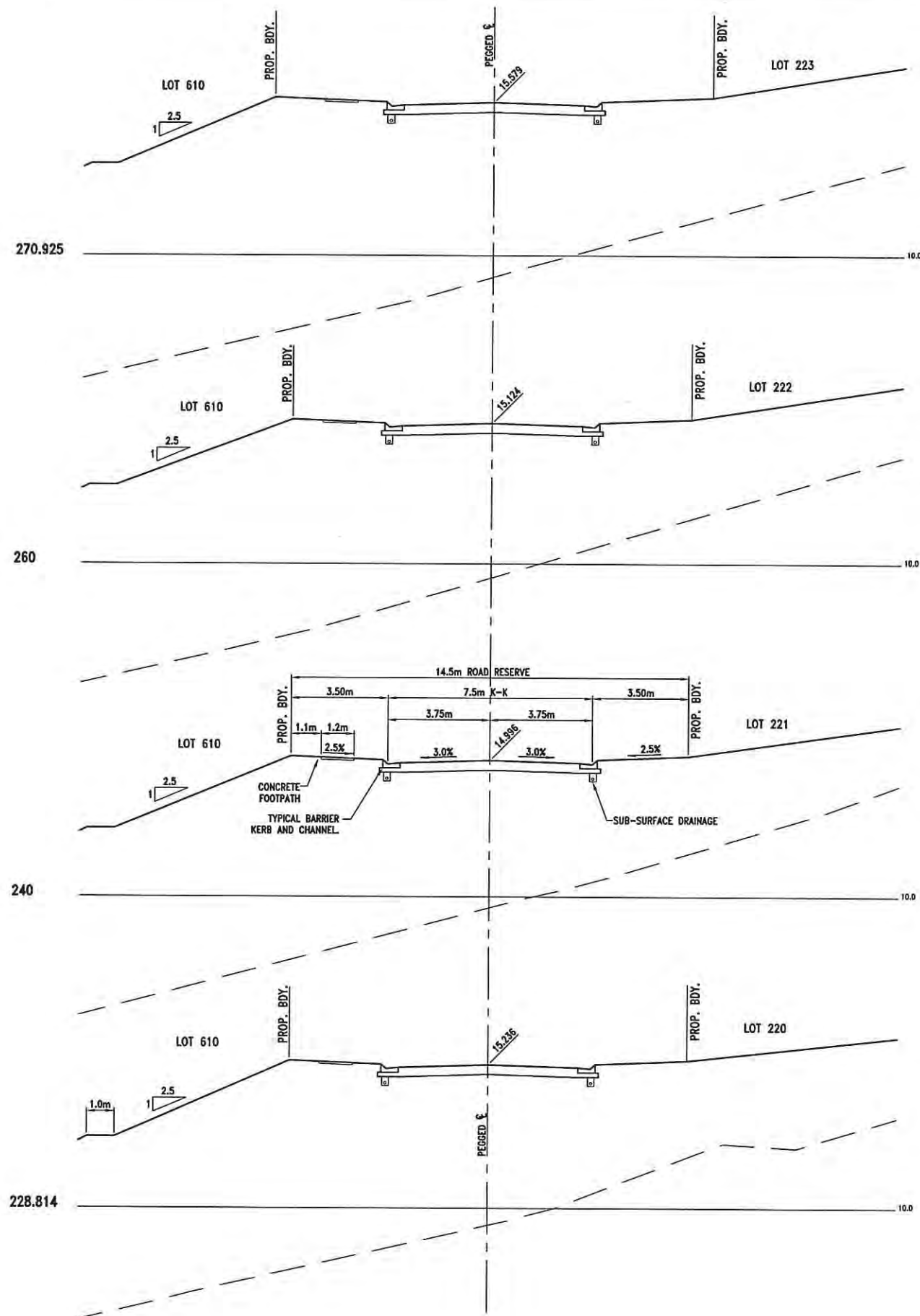
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REVISION B

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1 0 1 2 3 4 5m
1 : 100 (FULL SIZE)

NEWLAND DEVELOPERS PTY LTD

TERRANORA PRECINCT 1
ROAD 8 CROSS SECTIONS
SHEET 3 OF 4

09-374
07-01-2013

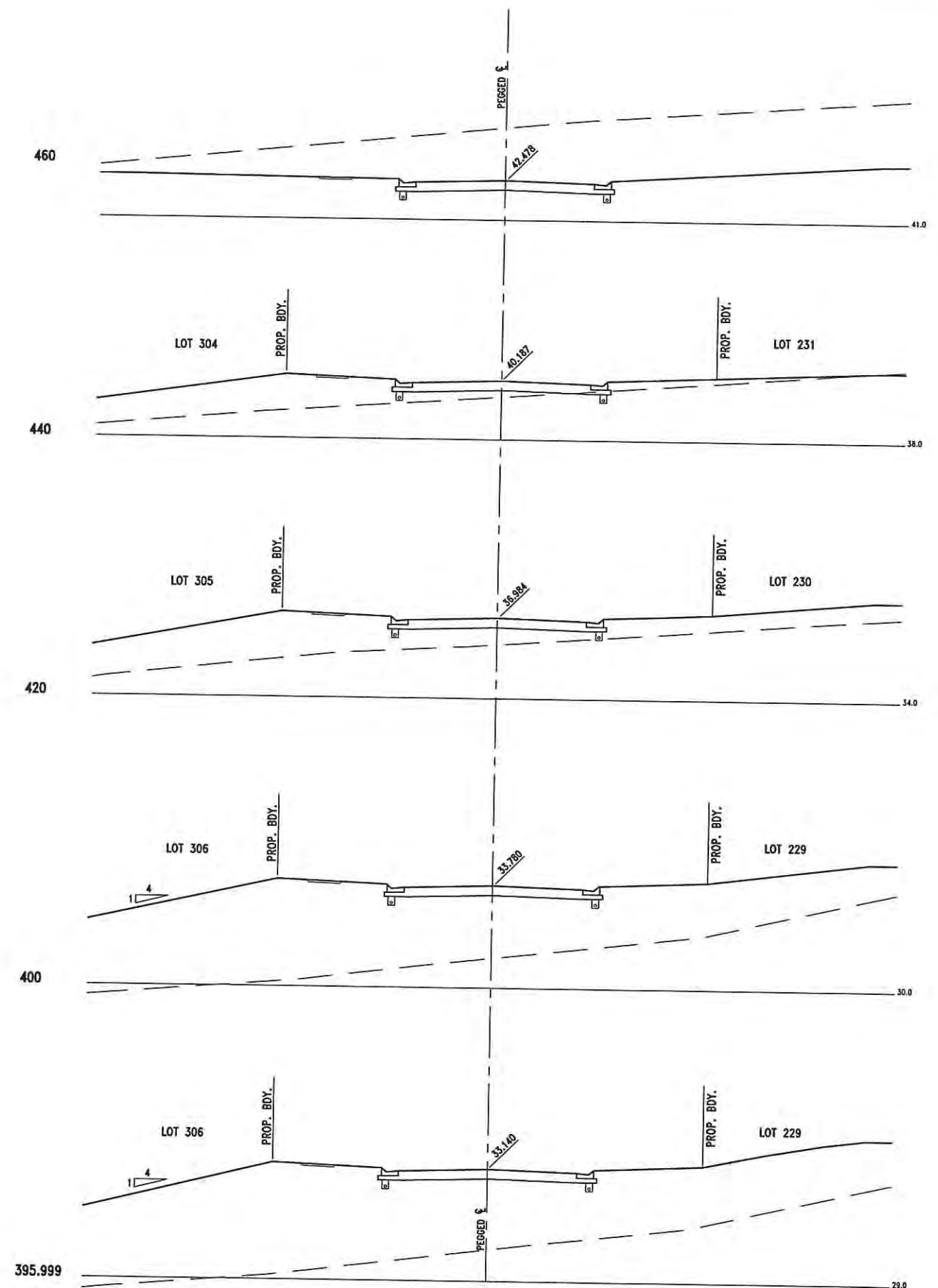
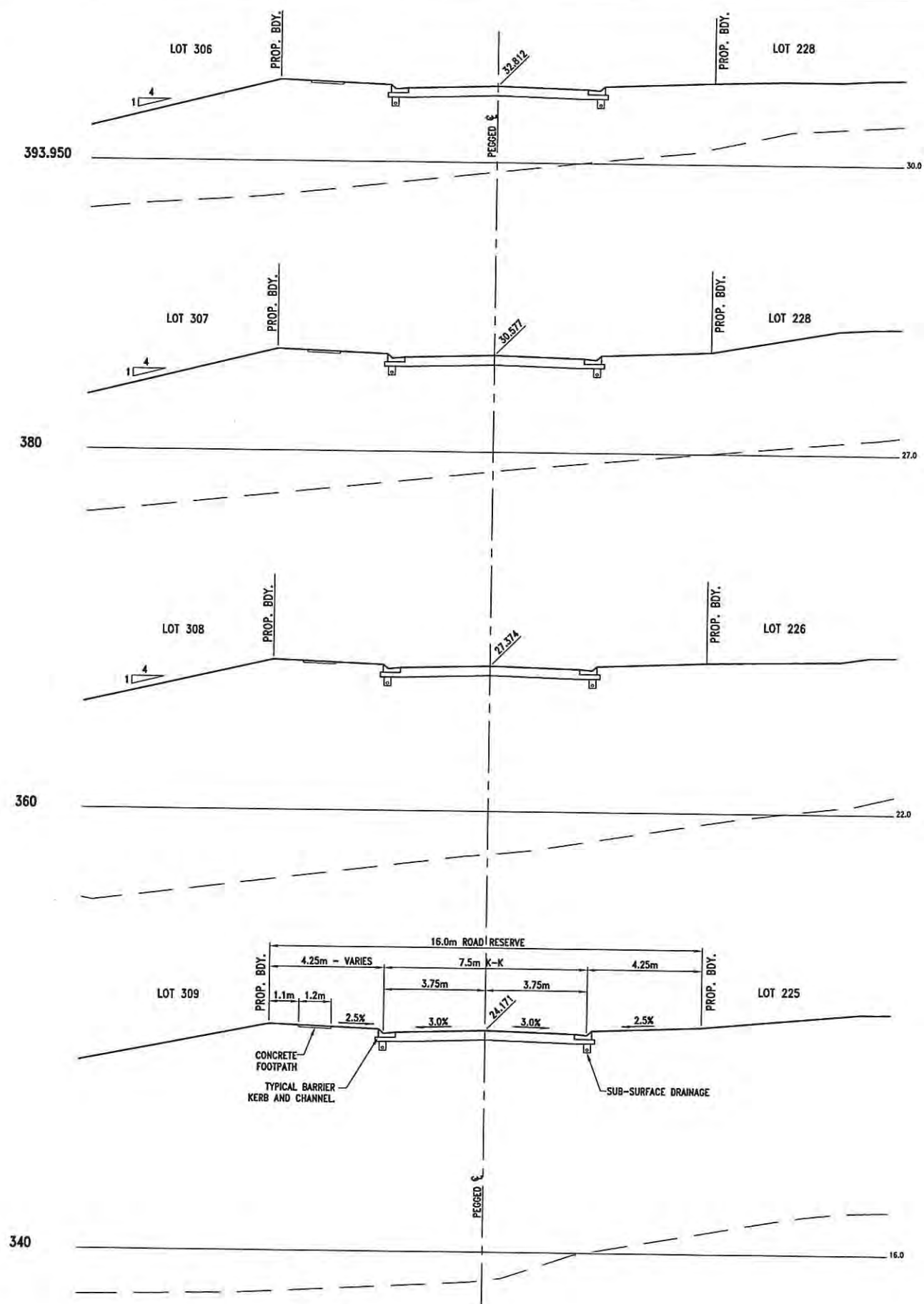
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1 0 1 2 3 4 5m
1 : 100 (FULL SIZE)

NEWLAND DEVELOPERS PTY LTD

TERRANORA PRECINCT 1
ROAD 8 CROSS SECTIONS
SHEET 4 OF 4

09-374
07-01-2013

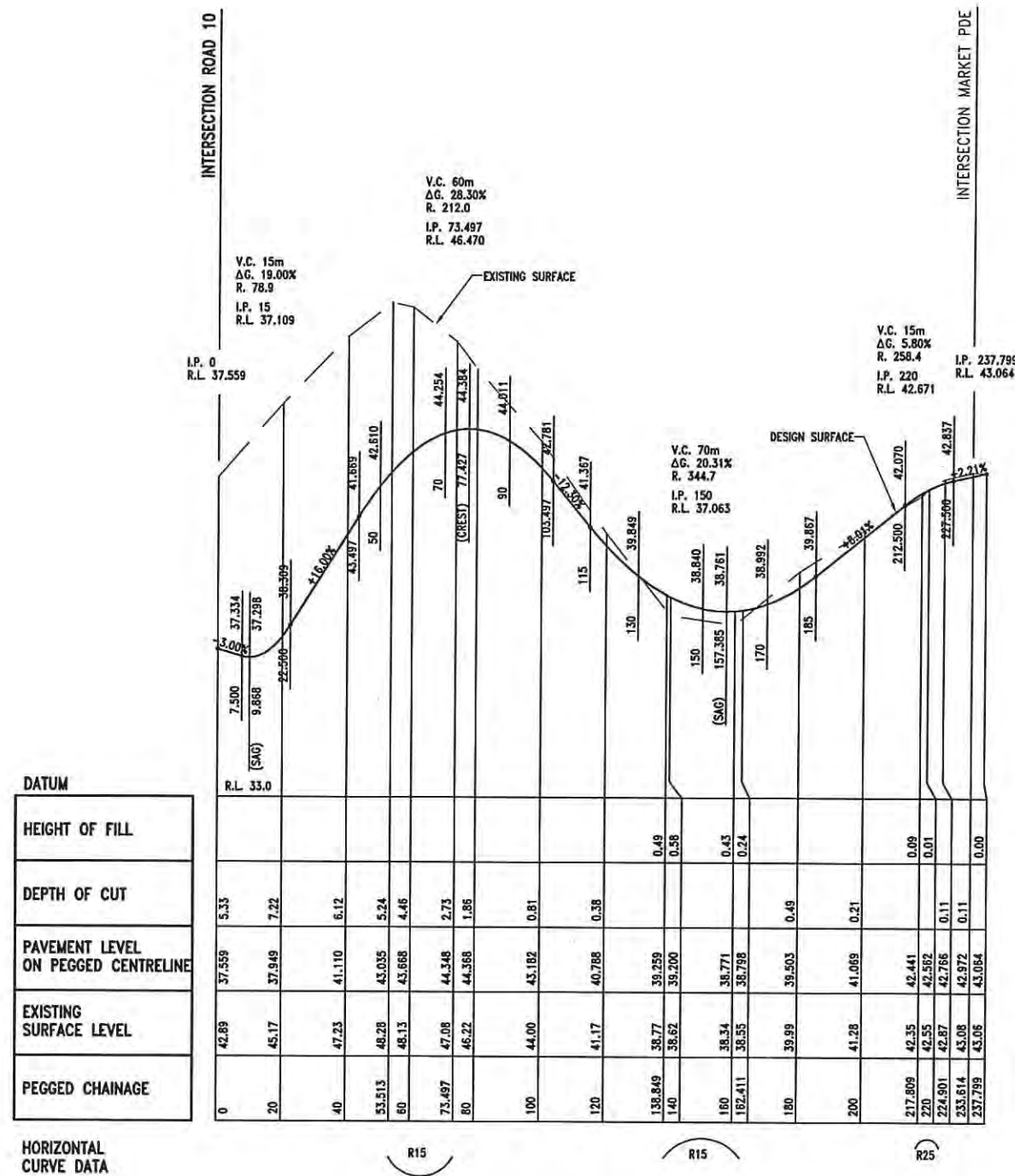
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NEWLAND DEVELOPERS PTY LTD

TERRANORA PRECINCT 1
ROAD 9
LONGITUDINAL SECTION

09-374
 07-01-2013

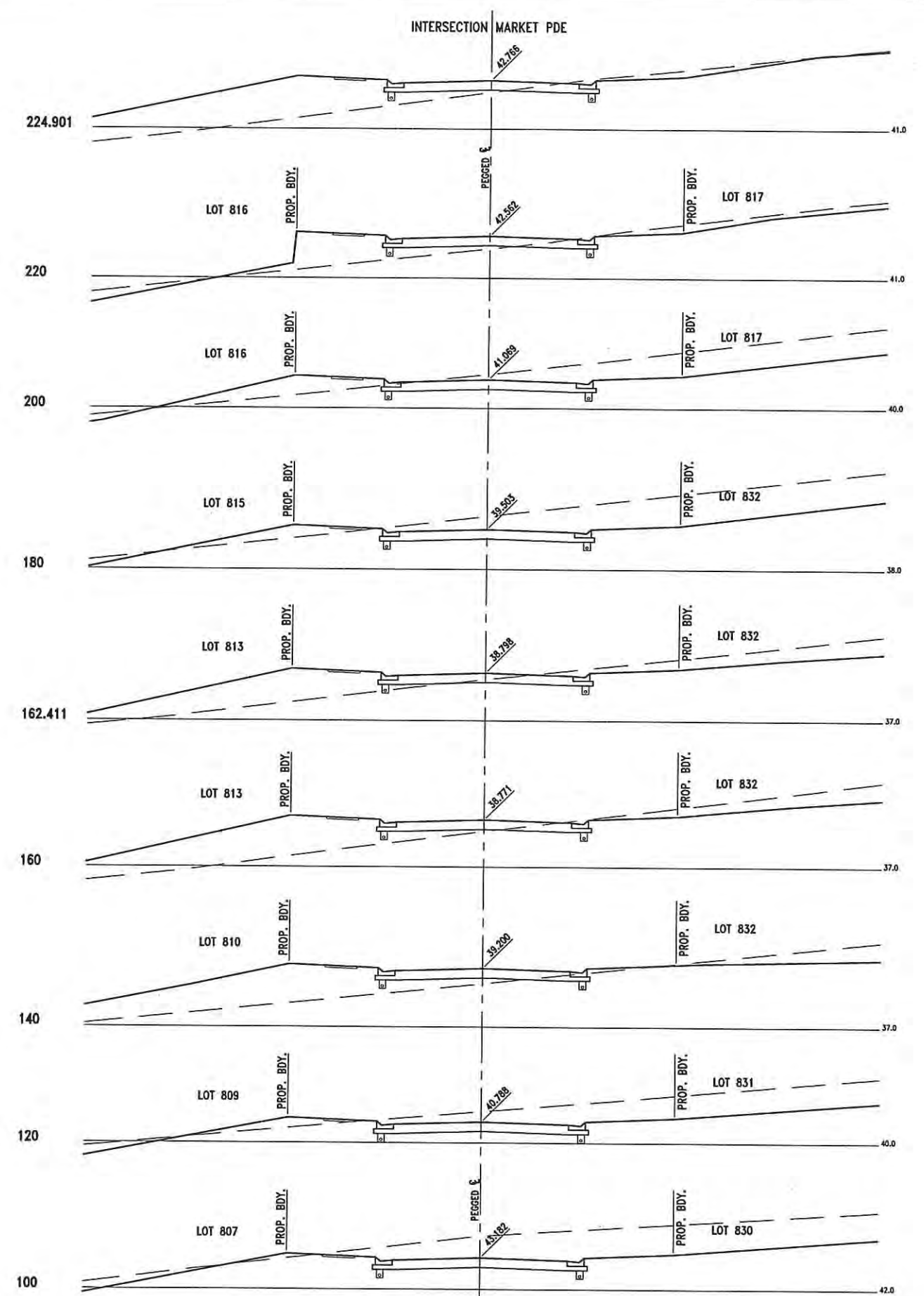
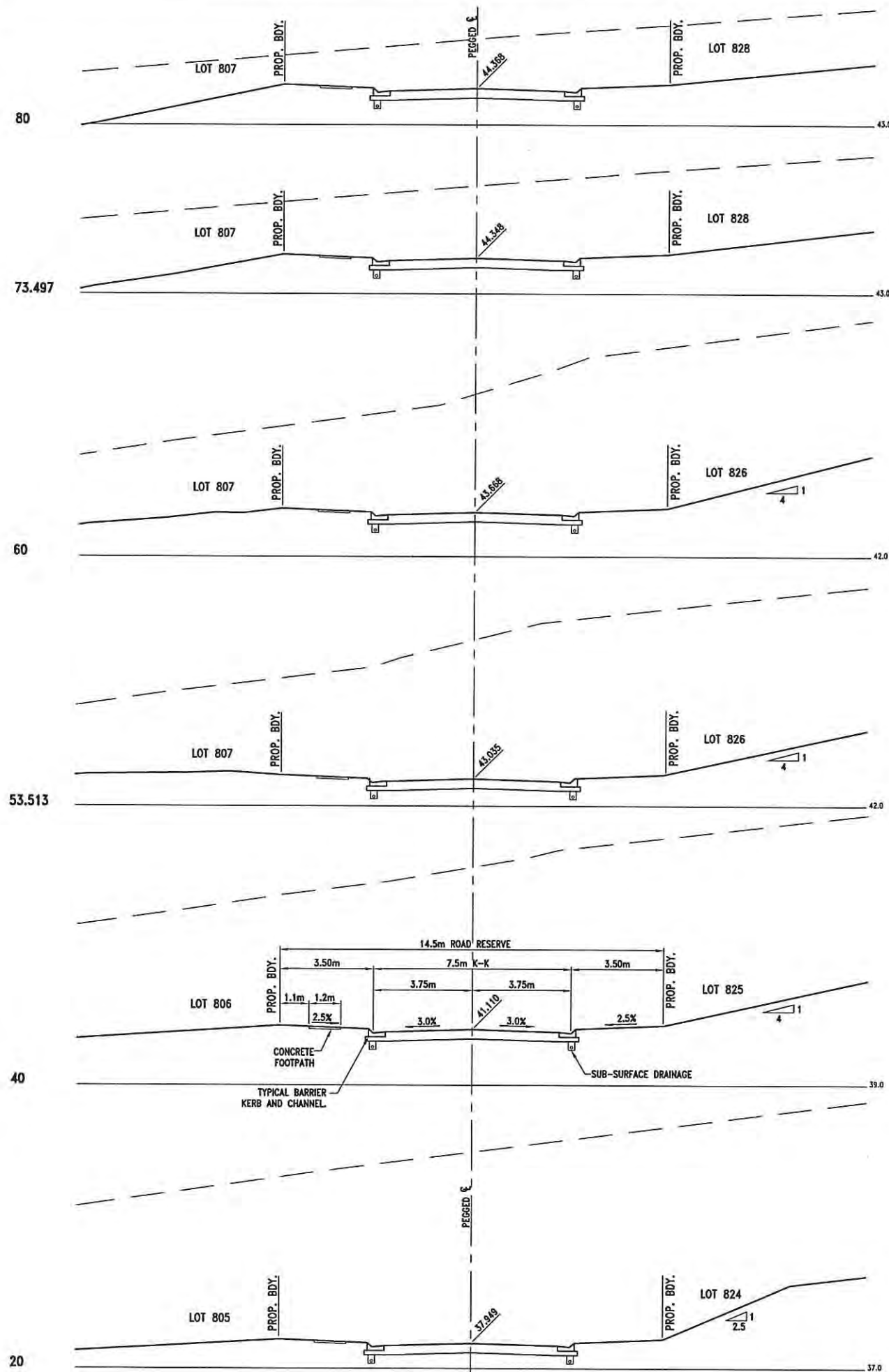
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1 0 1 2 3 4 5m
1 : 100 (FULL SIZE)

NEWLAND DEVELOPERS PTY LTD

TERRANORA PRECINCT 1
ROAD 9
CROSS SECTIONS

09-374
07-01-2013

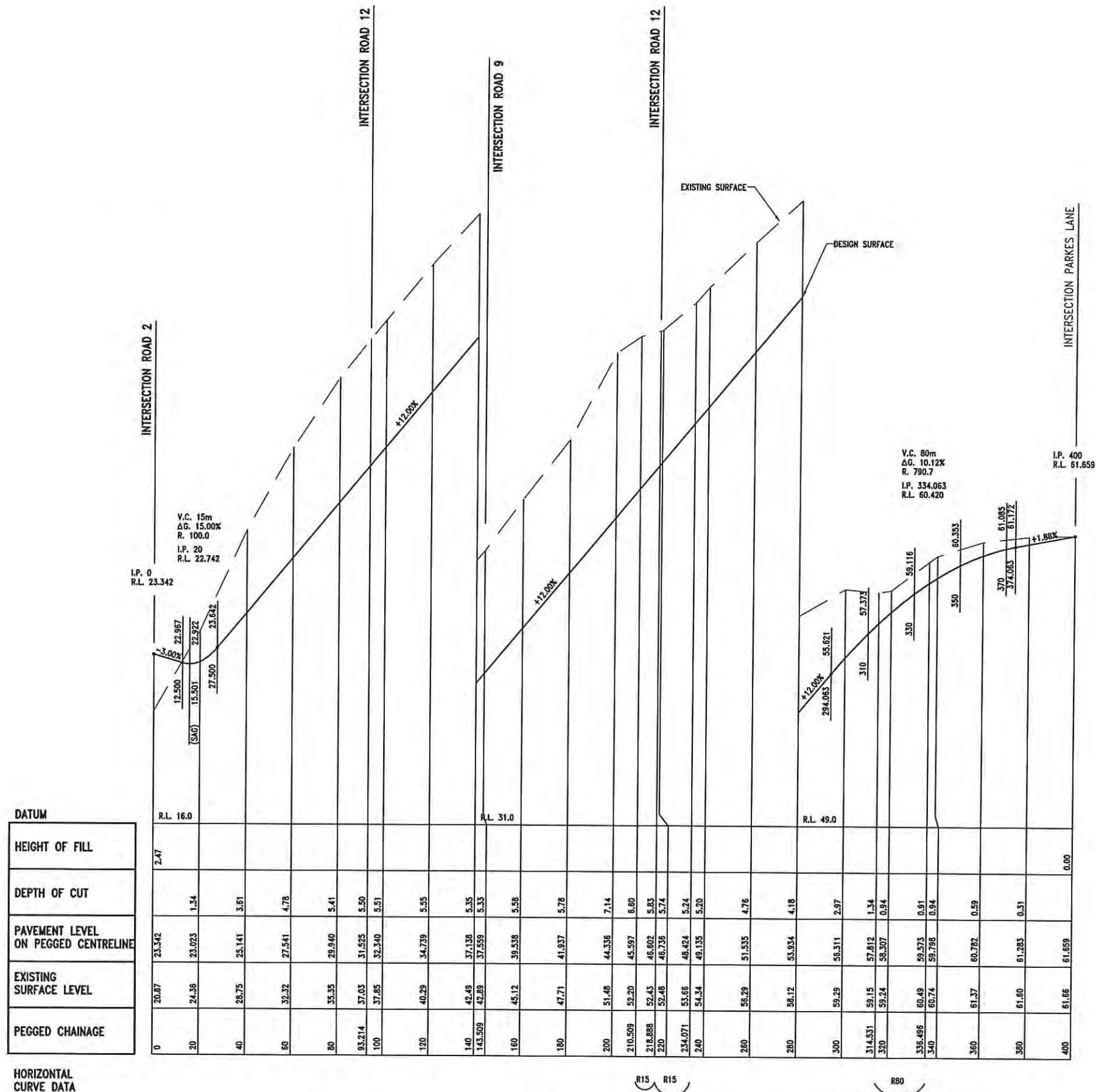
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ABN 29 664 159 191

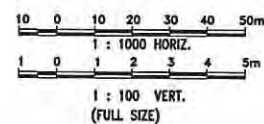
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HORIZONTAL
CURVE DATA



NEWLAND DEVELOPERS PTY LTD

TERRANORA PRECINCT 1
ROAD 10
LONGITUDINAL SECTION

09-374
07-01-2013

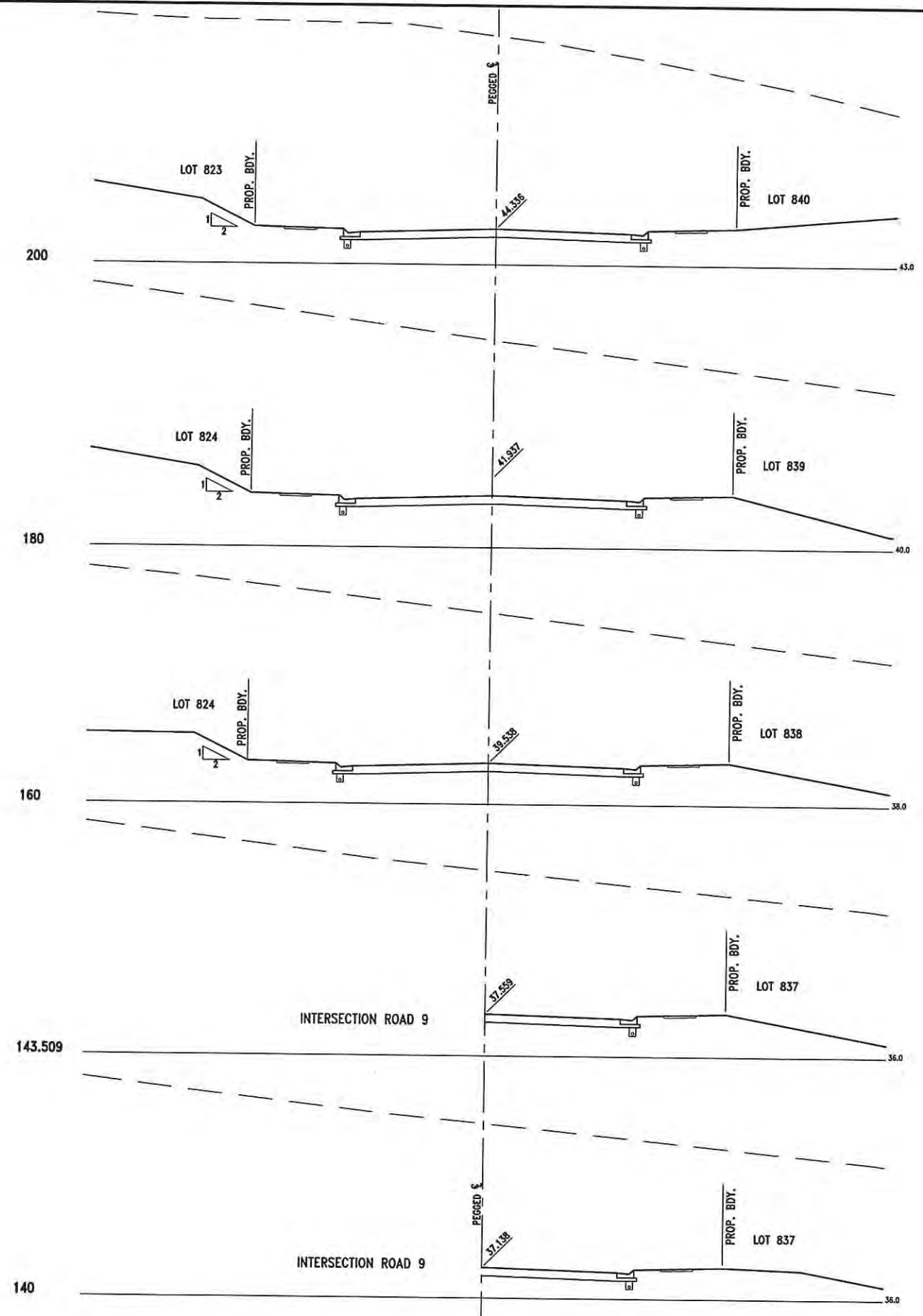
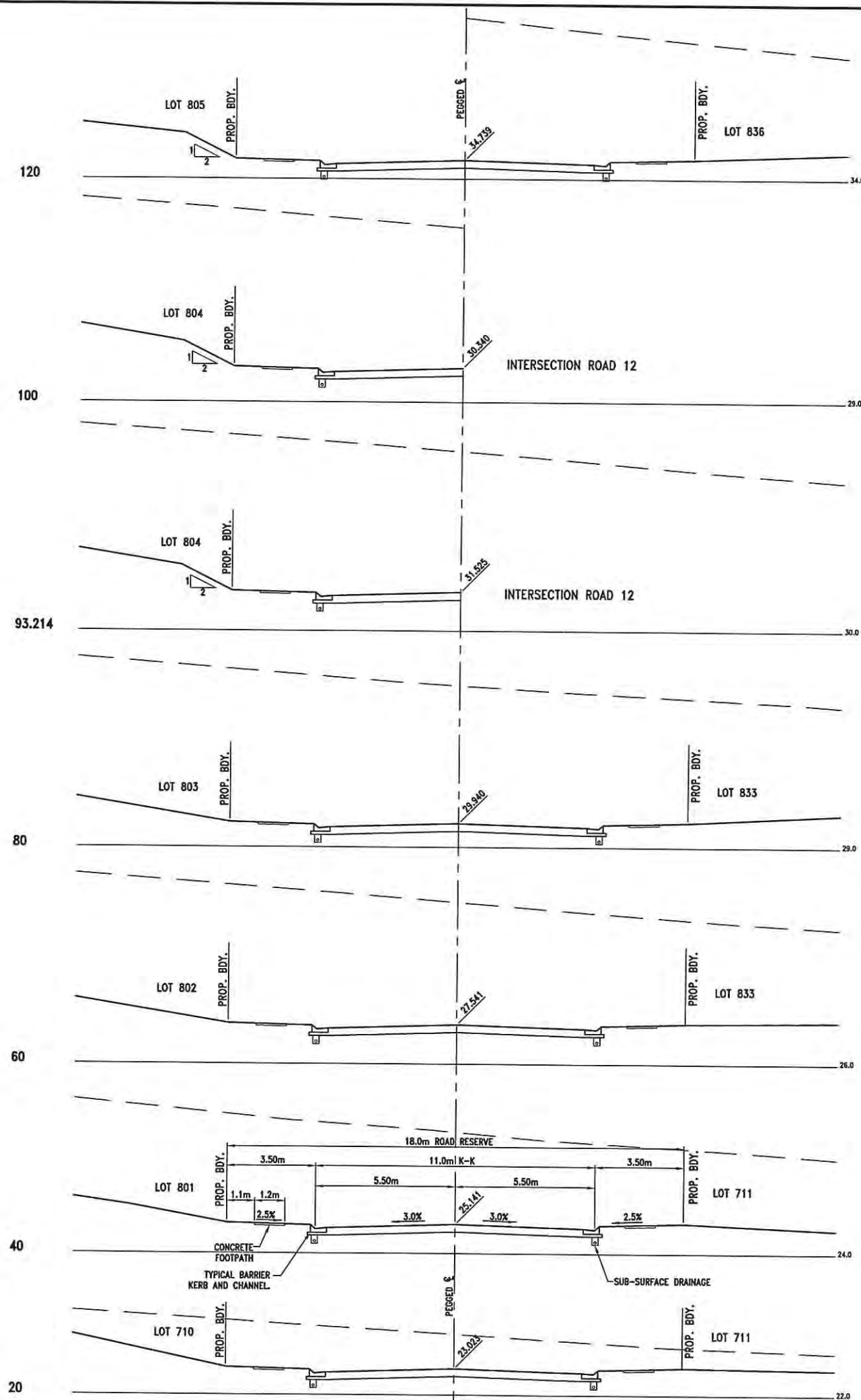
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REVISION B

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1 0 1 2 3 4 5m
1 : 100 (FULL SIZE)

NEWLAND DEVELOPERS PTY LTD

TERRANORA PRECINCT 1
ROAD 10 CROSS SECTIONS
SHEET 1 OF 2

09-374
07-01-2013

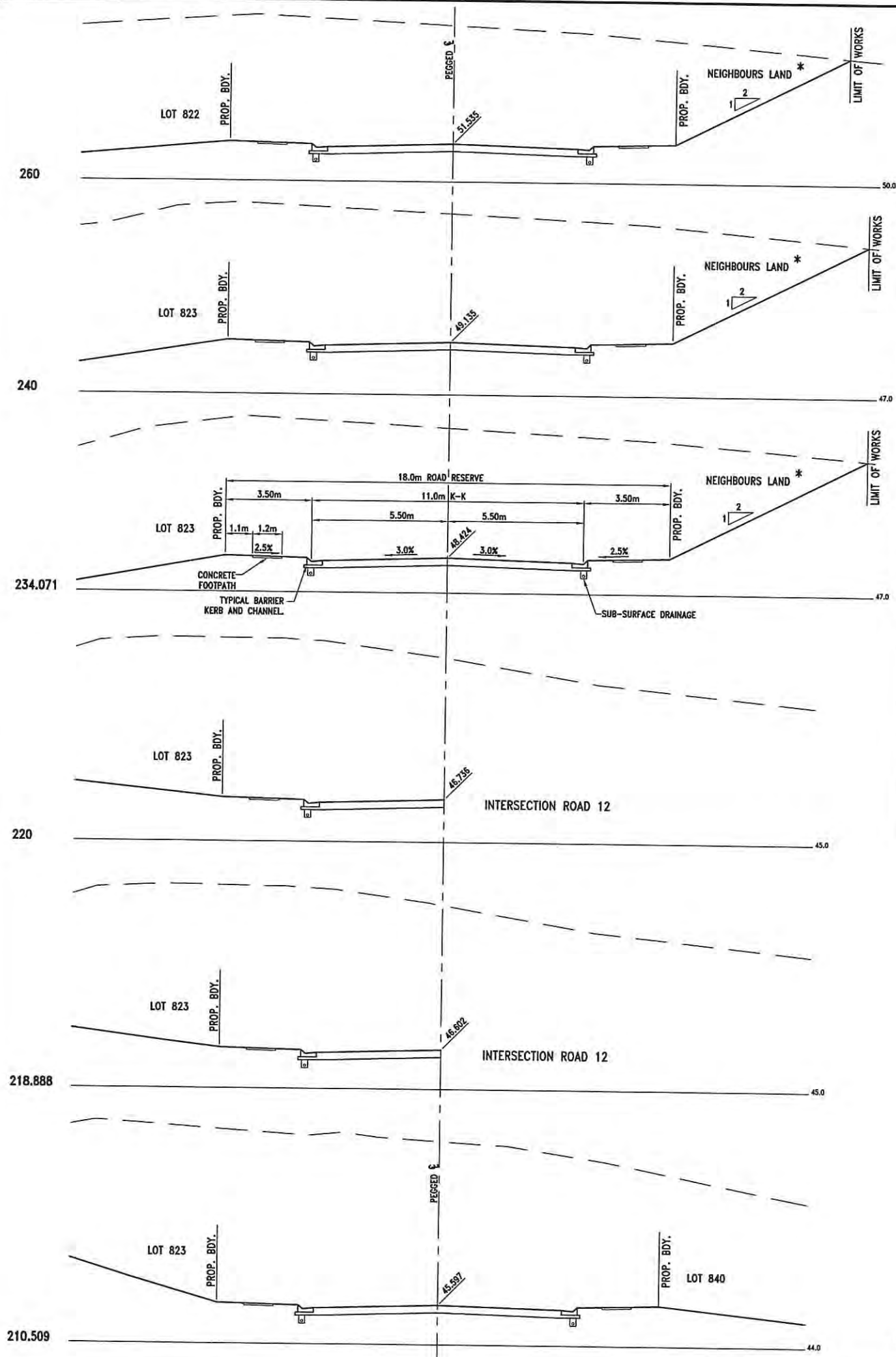
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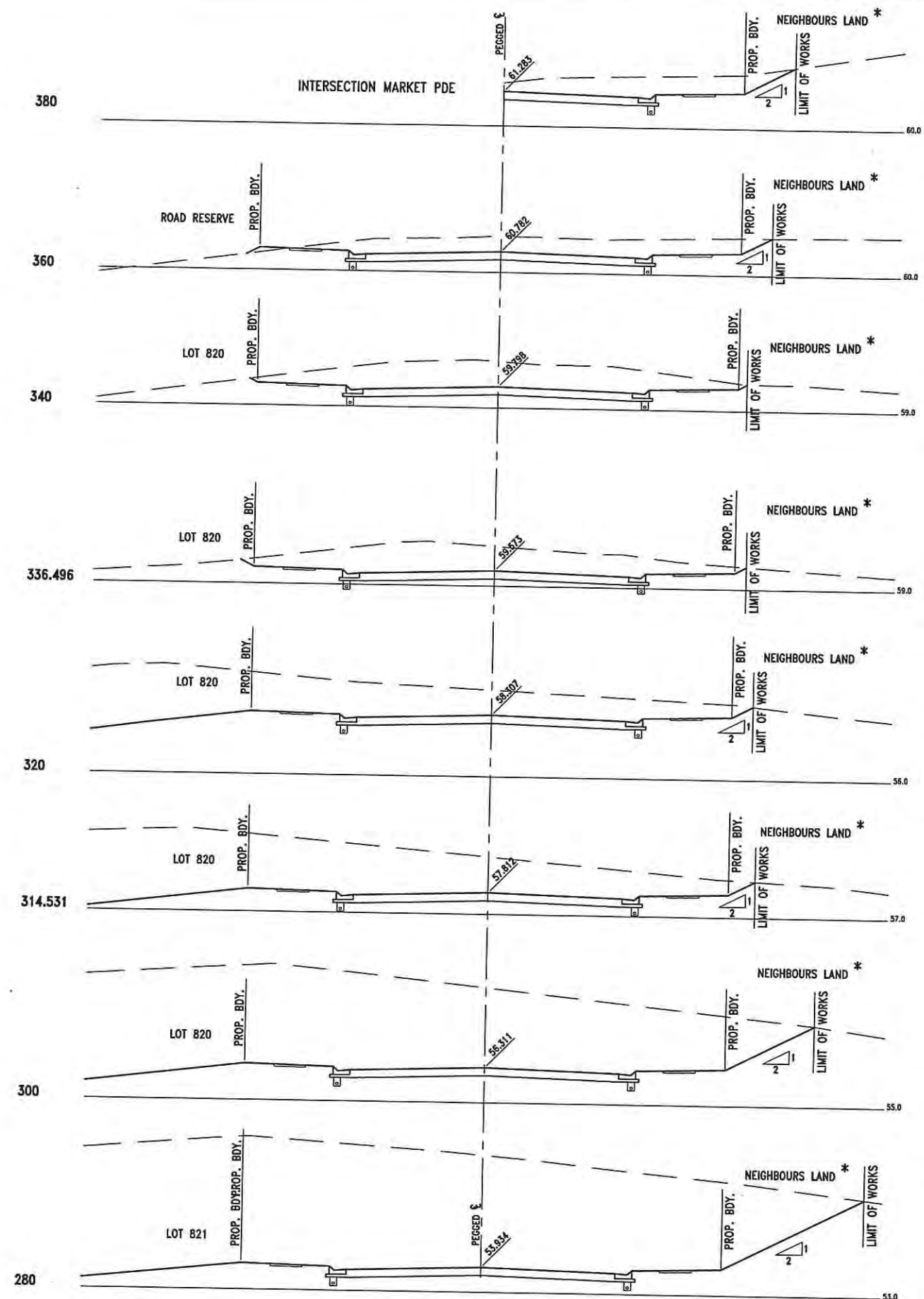
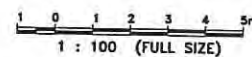
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NEWLAND DEVELOPERS PTY LTD

TERRANORA PRECINCT 1
ROAD 10 CROSS SECTIONS
SHEET 2 OF 2

09-374
07-01-2013

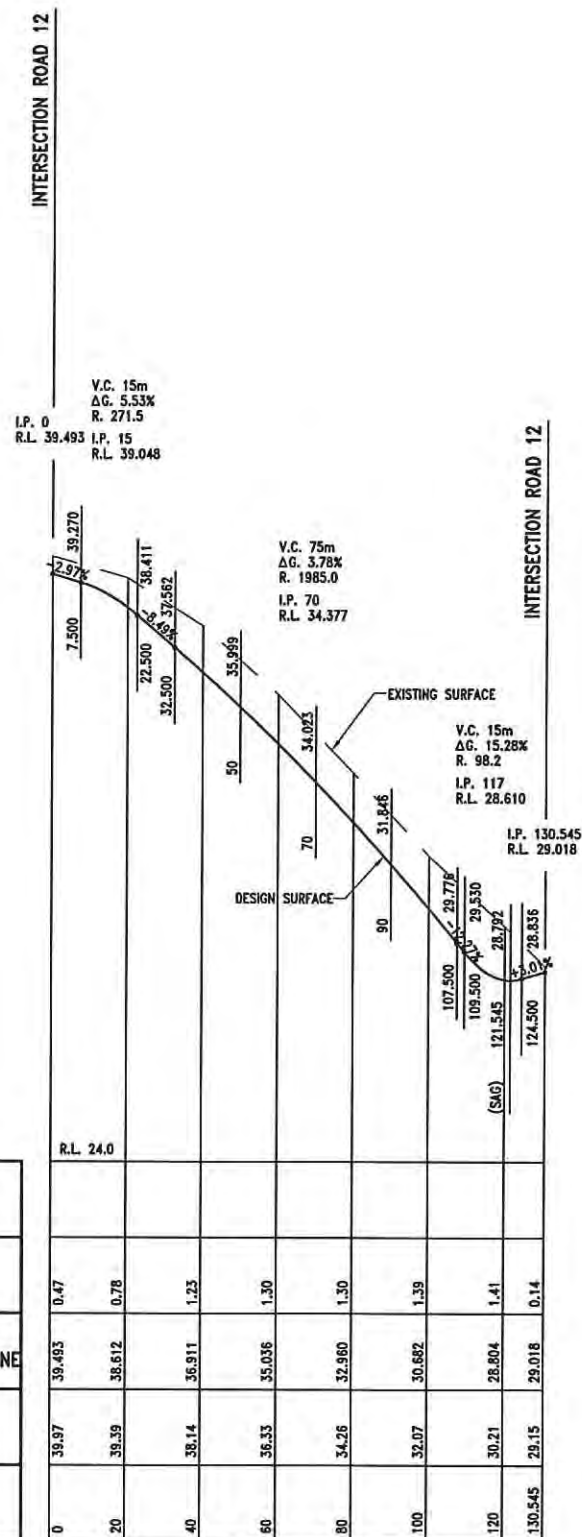
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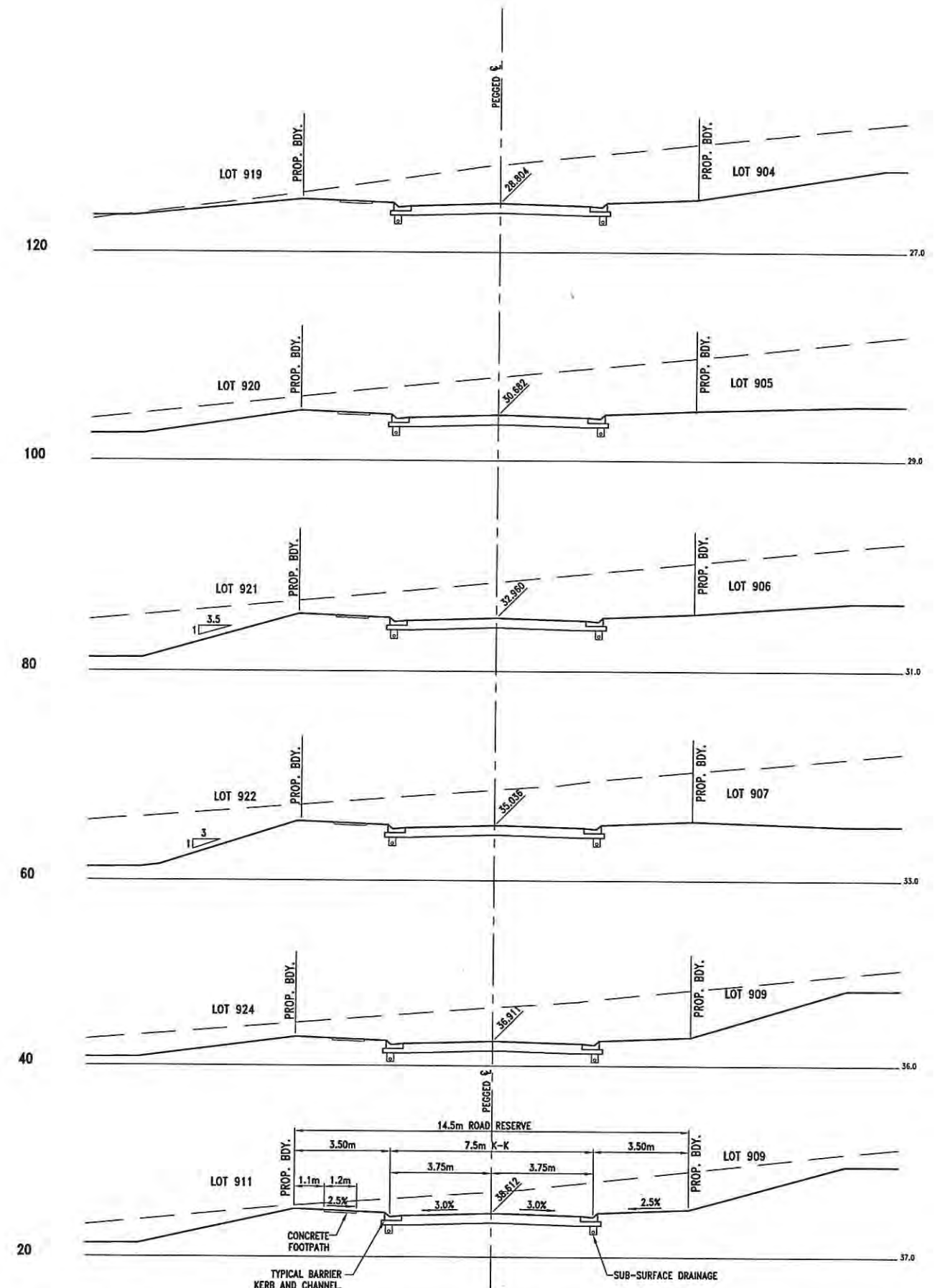
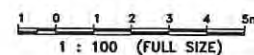
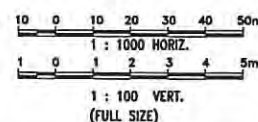
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HORIZONTAL
CURVE DATA



NEWLAND DEVELOPERS PTY LTD

TERRANORA PRECINCT 1
ROAD 11 LONGITUDINAL AND
CROSS SECTIONS

09-374
07-01-2013

SK 3612
REVISION B

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ABN 29 064 159 191

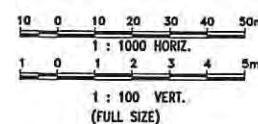
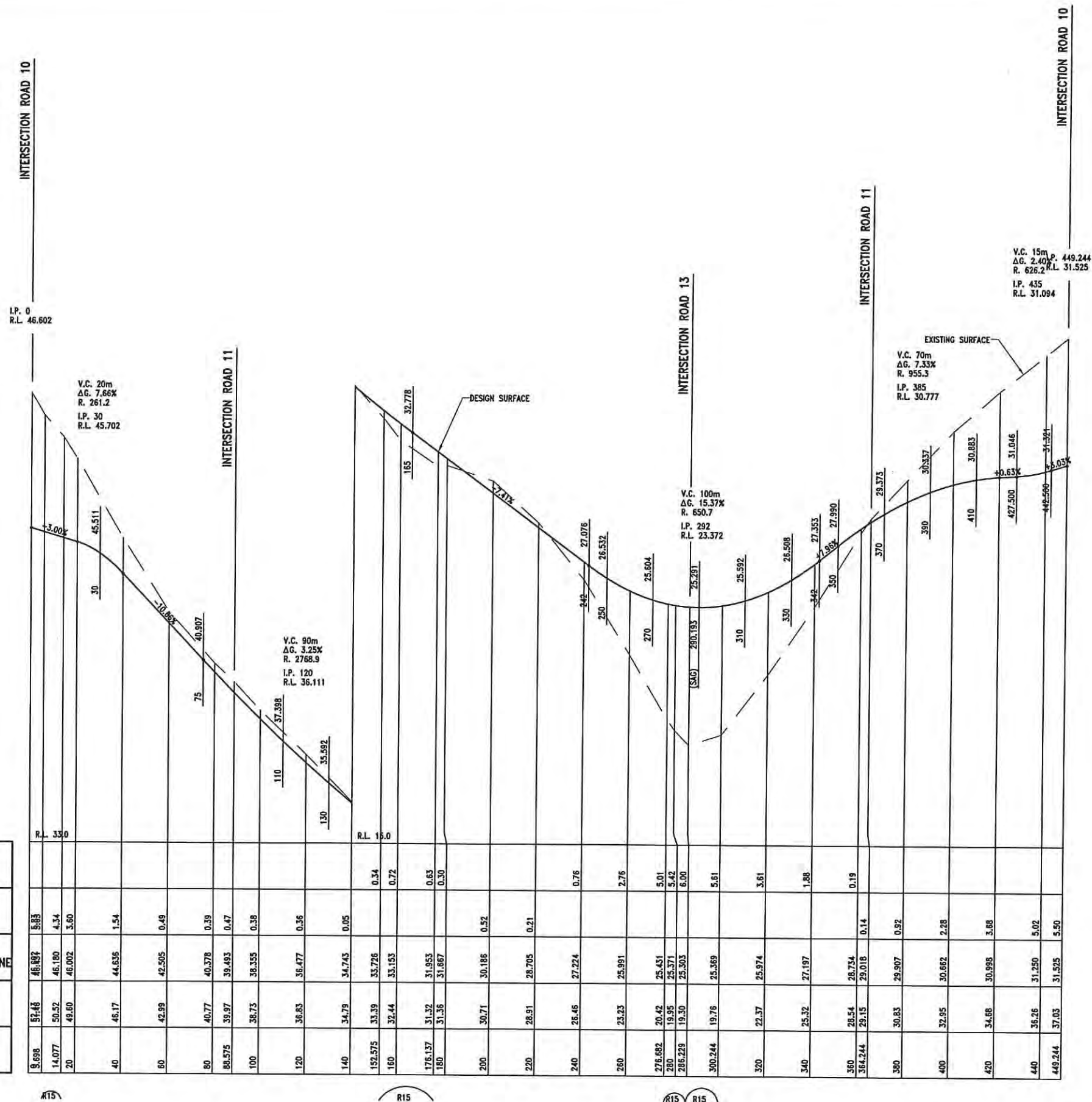
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Gold Coast Office Level 1, 34 Thomas Drive, Chevron Island QLD 4217

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DATUM	
HEIGHT OF FILL	
DEPTH OF CUT	
PAVEMENT LEVEL ON PEGGED CENTRELINE	
EXISTING SURFACE LEVEL	
PEGGED CHAINAGE	

HORIZONTAL
CURVE DATA



NEWLAND DEVELOPERS PTY LTD

TERRANORA PRECINCT 1
ROAD 12
LONGITUDINAL SECTION

09-374
07-01-2013

SK 3613
REVISION 8

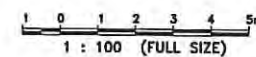
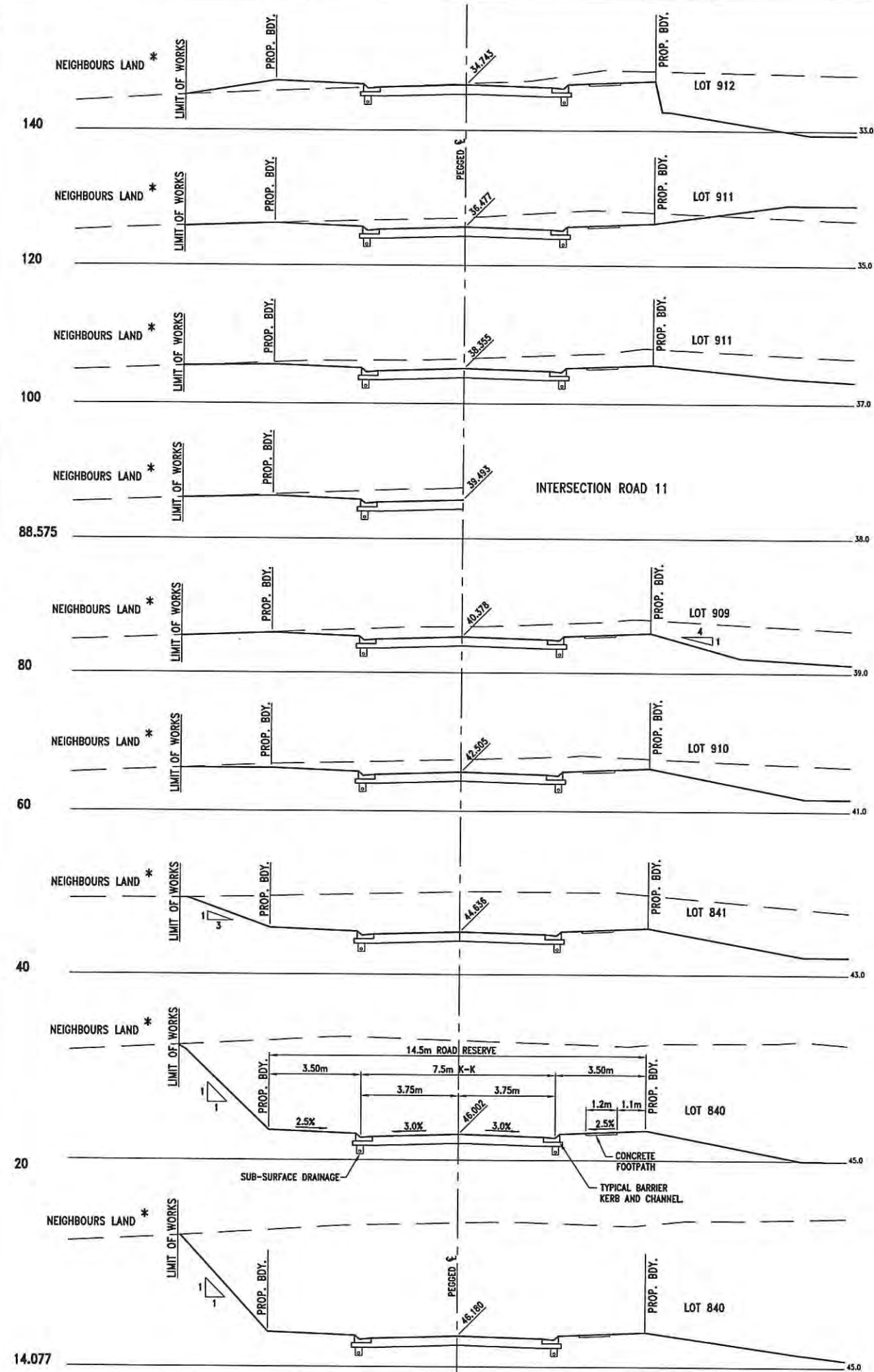
Bradford Lees Pty Ltd
ABN 29 054 159 191

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Fax 07 5528 6422
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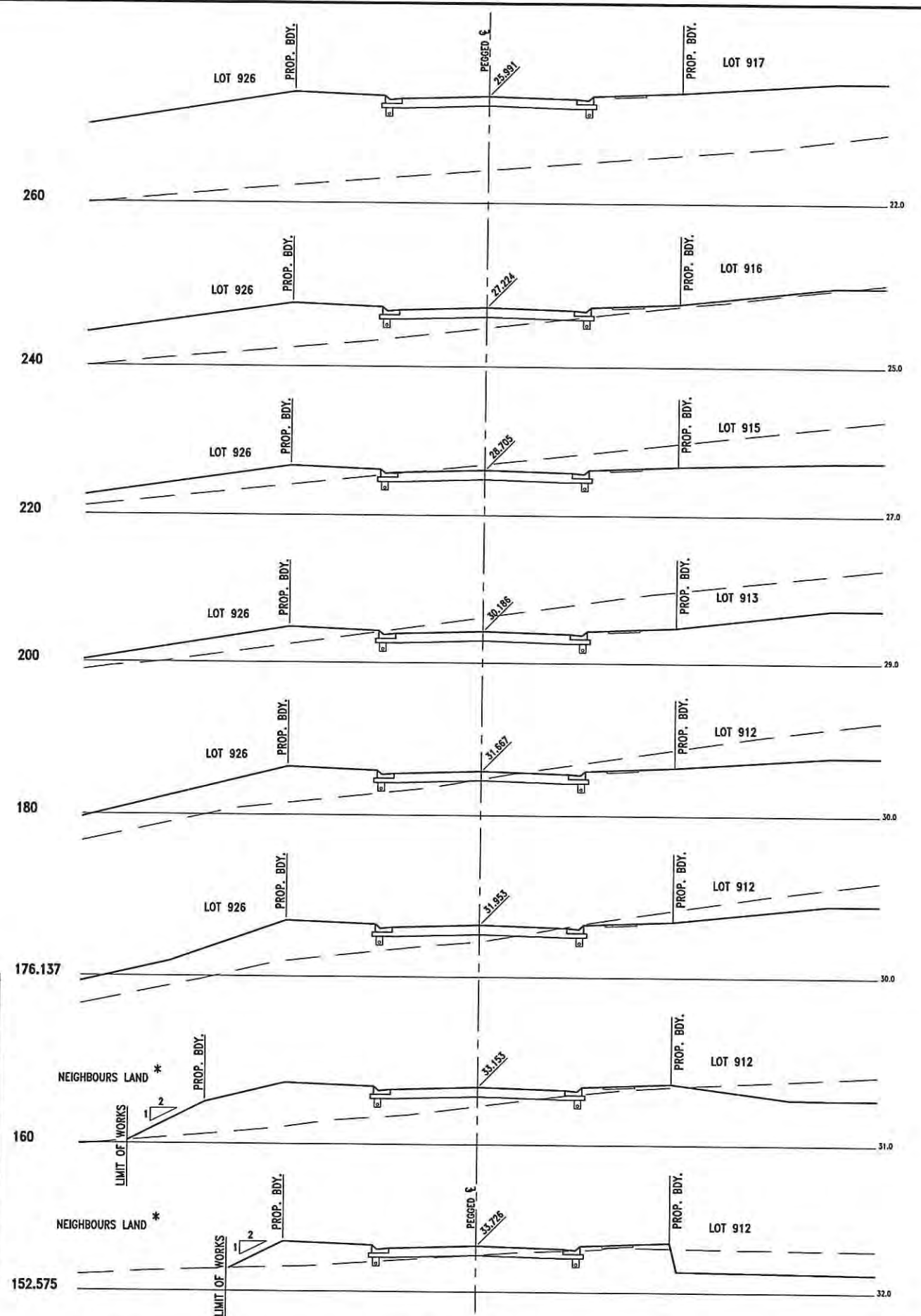
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NEWLAND DEVELOPERS PTY LTD

09-374
07-01-2013

TERRANORA PRECINCT 1
ROAD 12 CROSS SECTIONS
SHEET 1 OF 2

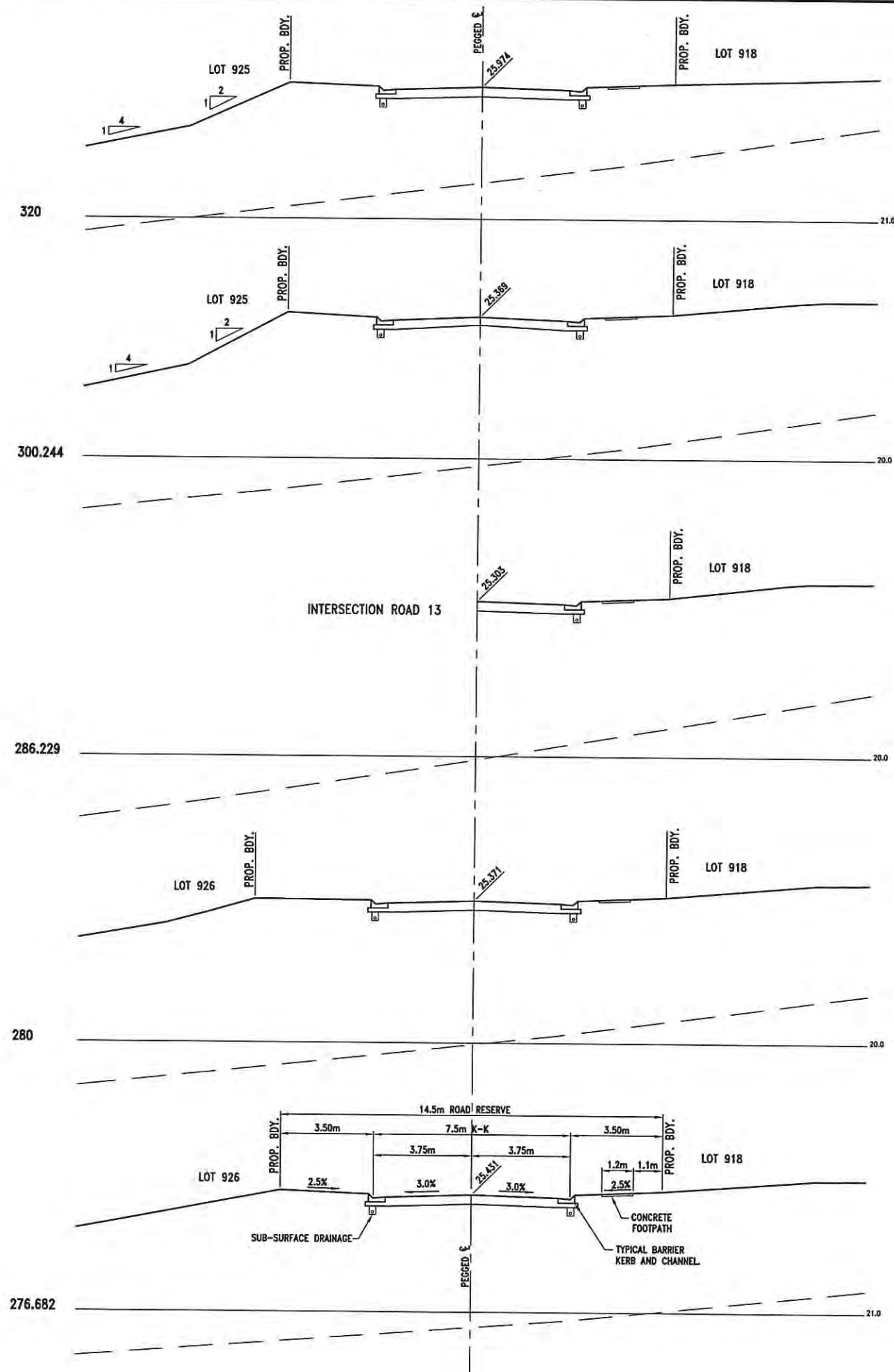
SK 3614
REVISION 8

Bradford Lees Pty Ltd
ABN 29 064 159 191

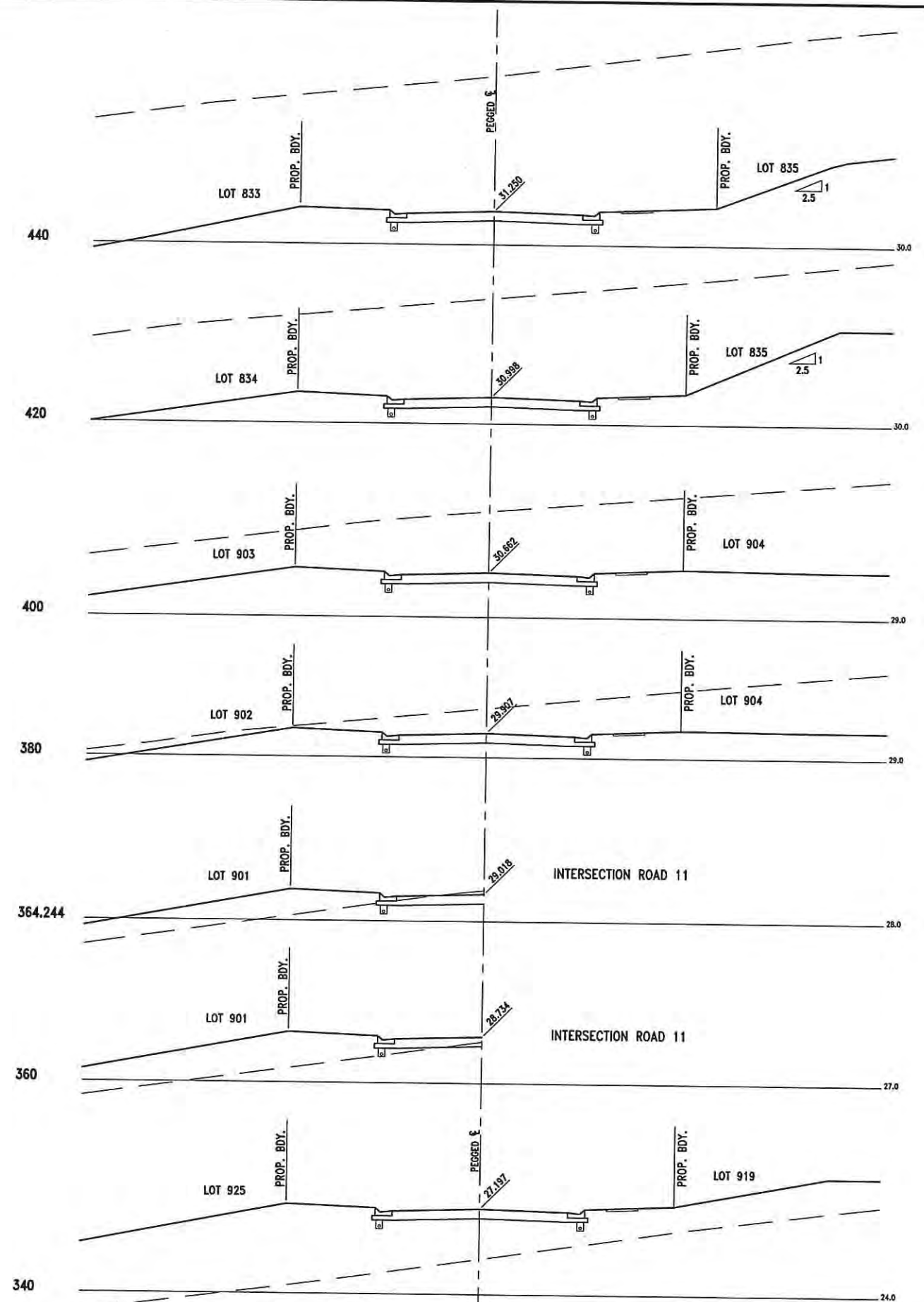
Ph 07 5528 6411
Fax 07 5528 6422
Web www.bradlees.com.au
Email mail@bradlees.com.au
Postal PO Box 2293, Southport QLD 4215
Gold Coast Office Level 1, 34 Thomas Drive, Chevron Island QLD 4217

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1 0 1 2 3 4 5m
1 : 100 (FULL SIZE)



NEWLAND DEVELOPERS PTY LTD

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TERRANORA PRECINCT 1
ROAD 12 CROSS SECTIONS
SHEET 2 OF 2

SK 3615
REVISION B

Bradford Lees Pty Ltd
ABN 29 064 159 191

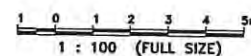
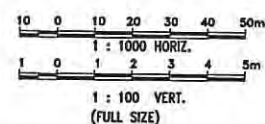
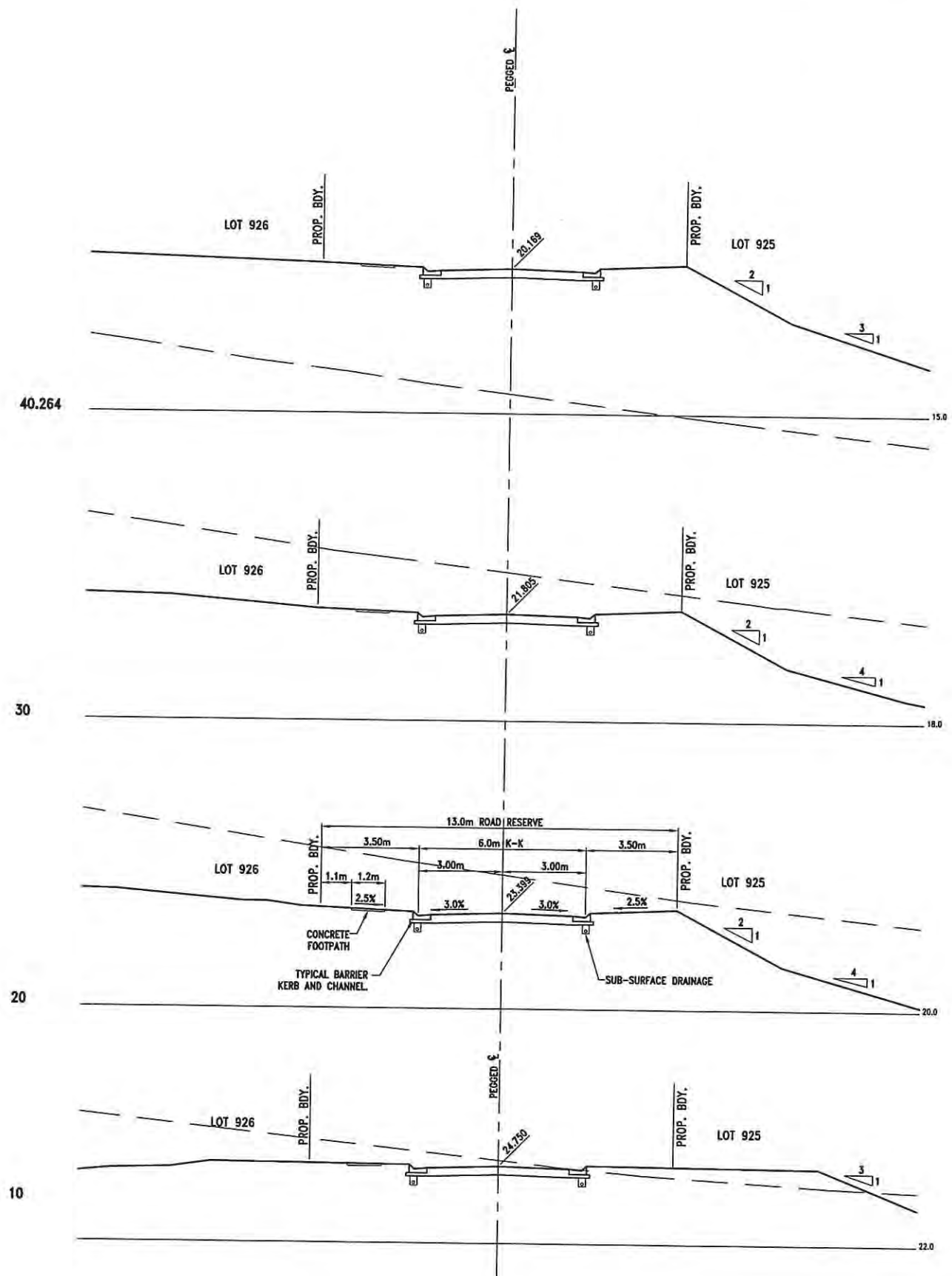
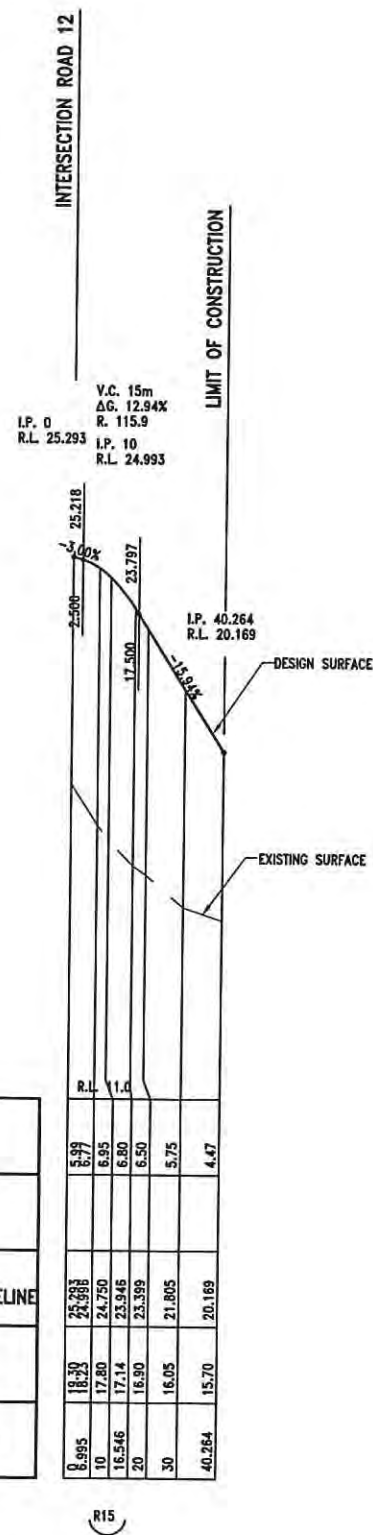
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DATUM	
HEIGHT OF FILL	1.99 6.95 6.80 6.50 5.75 4.47
DEPTH OF CUT	
PAVEMENT LEVEL ON PEGGED CENTRELINE	25.218 24.750 23.948 23.399 21.805 20.169
EXISTING SURFACE LEVEL	18.20 17.80 17.14 16.90 16.05 15.70
PEGGED CHAINAGE	8.995 10 16.546 20 30 40.264

HORIZONTAL
CURVE DATA



NEWLAND DEVELOPERS PTY LTD

TERRANORA PRECINCT 1
ROAD 13 LONGITUDINAL AND
CROSS SECTIONS

09-374
07-01-2013

SK 3616
REVISION B

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APPENDIX 4

- 09-374 – SK3646 Road 1 - Fraser Drv. Intersection Layout
- 09-374 – SK3961 Road 1 - Cul-de-sac Final Layout