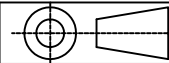


Appendix E

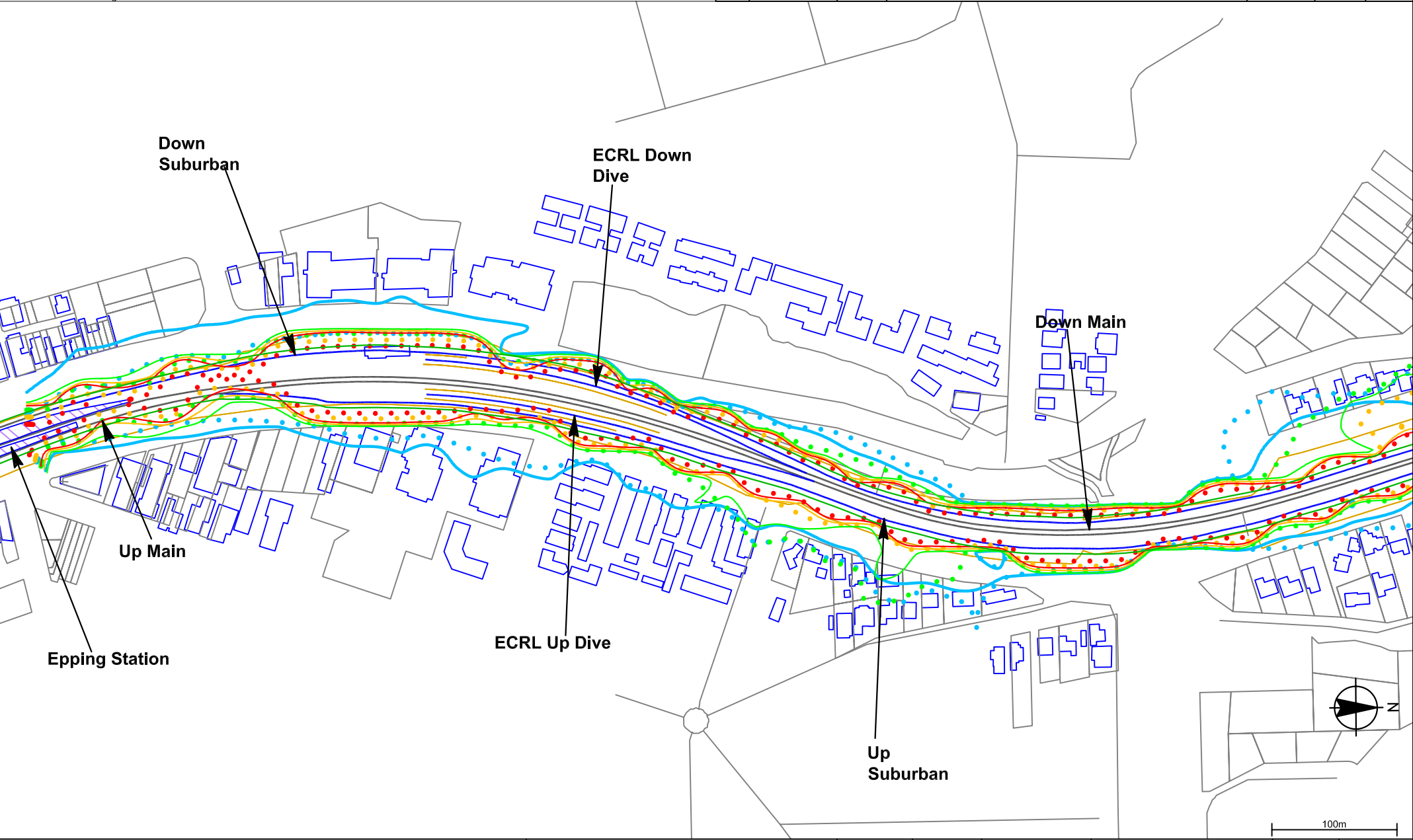
Report 10-4715R2

Cover Page

Main North Line - Noise Contour Plots with 3m Barriers (Passenger trains) - ground floor



RevNo	Revision note	Date	Initials	Checked

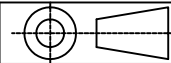


Legend			
85 dBA LAmax No Barriers	60 dBA LAeq(24h) No Barriers	Existing Track	New Train Lines
80 dBA LAmax with 3.0m Barriers	55 dBA LAeq(24h) with 3.0m Barriers		
85 dBA LAmax with 3.0m Barriers	60 dBA LAeq(24h) with 3.0m Barriers		
90 dBA LAmax with 3.0m Barriers	65 dBA LAeq(24h) with 3.0m Barriers		
Barriers	Station Platform		

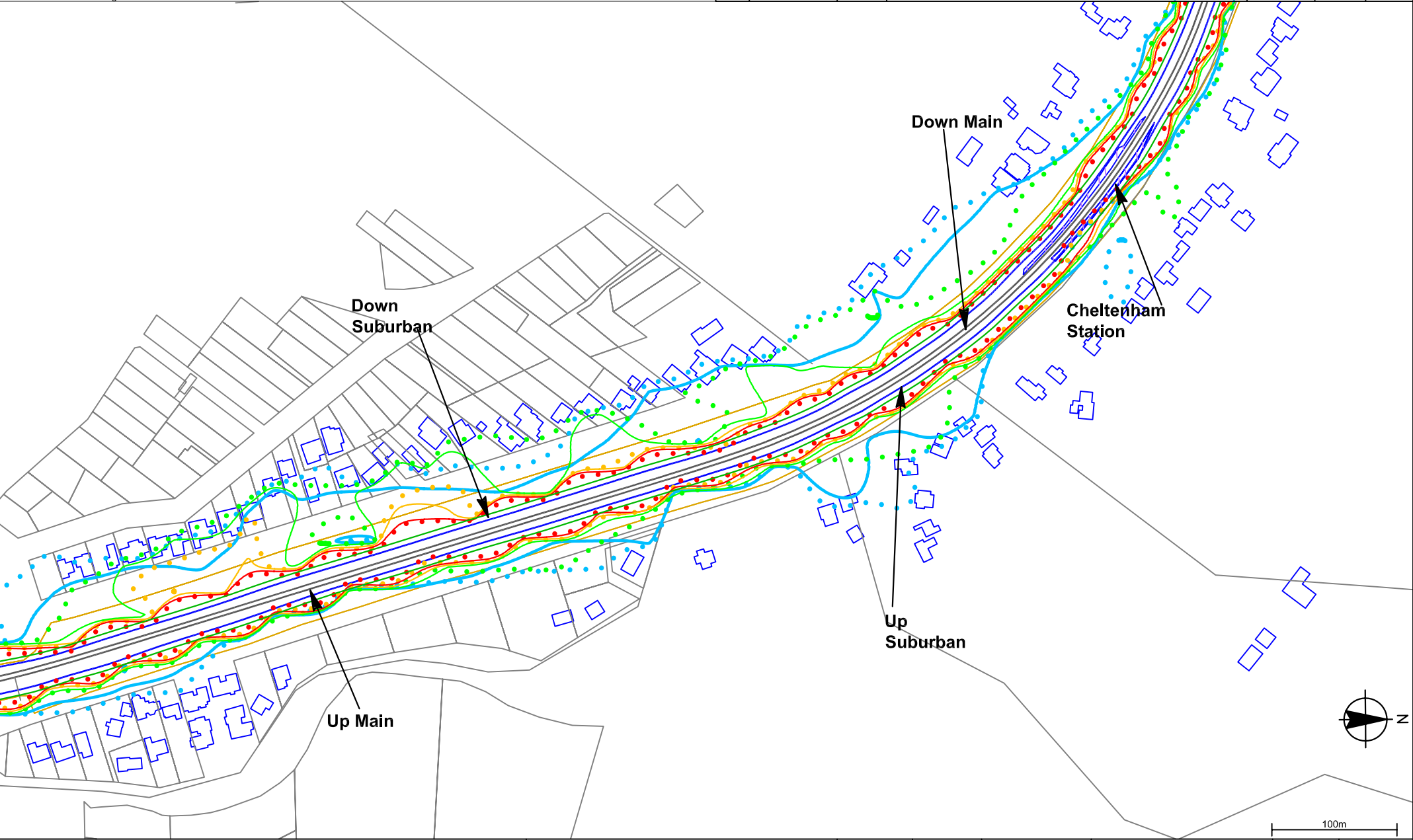
Heggies Australia Pty Ltd
Consulting Engineers
Level 2, 2 Lincoln Street
Lane Cove NSW 2066 Australia
PO Box 176 Lane Cove NSW 1595
Email address sydney@heggies.com.au
Telephone 02 9427 8100 Facsimile 02 9427 8200

Quality Endorsed Company

Designed by	Checked by	Approved by - date	Filename	Date	Scale
WK	CW		10-4715 NWRL Appendix E	19/08/2006	NTS
Title				DWG.No.	
10-4715 NWRL - Appendix E Electric Passenger - Operational Phase with 3.0m Barriers Noise Contours 1.5m Above Ground				E-EP-OP3-NC1.5-01	
				Sheet	Rev
				1	0



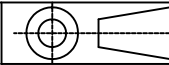
RevNo	Revision note	Date	Initials	Checked
0				



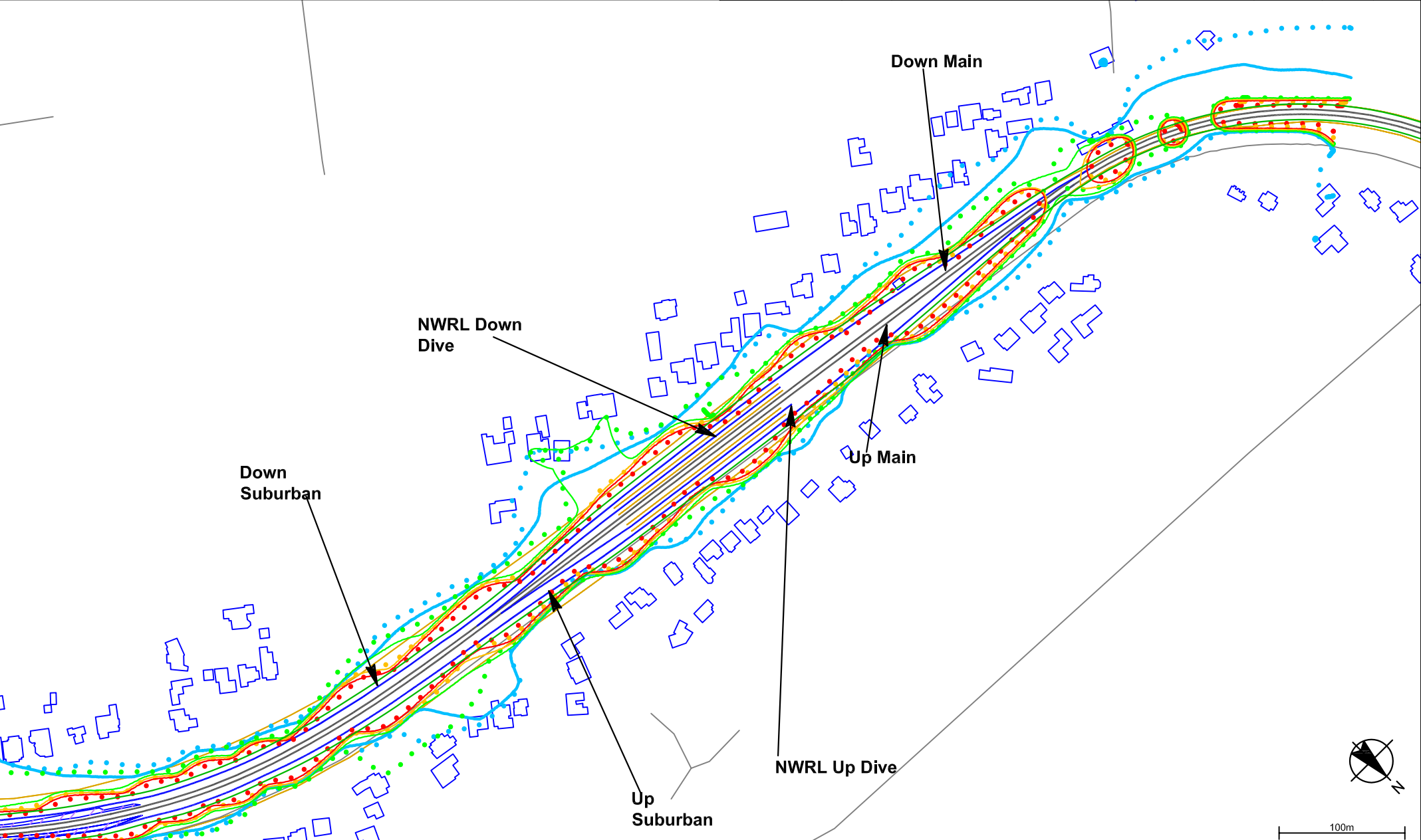
Legend			
85 dBA Lmax No Barriers	60 dBA LAeq(24h) No Barriers	Existing Track	New Train Lines
80 dBA Lmax with 3.0m Barriers	55 dBA LAeq(24h) with 3.0m Barriers		
85 dBA Lmax with 3.0m Barriers	60 dBA LAeq(24h) with 3.0m Barriers		
90 dBA Lmax with 3.0m Barriers	65 dBA LAeq(24h) with 3.0m Barriers		
Barriers	Station Platform		

Heggies Australia Pty Ltd
Consulting Engineers
Level 2, 2 Lincoln Street
Lane Cove NSW 2066 Australia
PO Box 176 Lane Cove NSW 1595
Email address sydney@heggies.com.au
Telephone 02 9427 8100 Facsimile 02 9427 8200

Designed by	Checked by	Approved by - date	Filename	Date	Scale
WK	CW		10-4715 NWRL Appendix E	19/08/2006	NTS
Title				DWG.No.	
10-4715 NWRL - Appendix E				E-EP-OP3-NC1.5-02	
Electric Passenger - Operational Phase with 3.0m Barriers				Sheet	Rev
Noise Contours 1.5m Above Ground				2	0



RevNo	Revision note	Date	Initials	Checked
0				



100m

Legend			
85 dBA LAmax No Barriers	60 dBA LAeq(24h) No Barriers	Existing Track	New Train Lines
80 dBA LAmax with 3.0m Barriers	55 dBA LAeq(24h) with 3.0m Barriers		
85 dBA LAmax with 3.0m Barriers	60 dBA LAeq(24h) with 3.0m Barriers		
90 dBA LAmax with 3.0m Barriers	65 dBA LAeq(24h) with 3.0m Barriers		
Barriers	Station Platform		

Heggies Australia Pty Ltd
Consulting Engineers
Level 2, 2 Lincoln Street
Lane Cove NSW 2066 Australia
PO Box 176 Lane Cove NSW 1595
Email address sydney@heggies.com.au
Telephone 02 9427 8100 Facsimile 02 9427 8200

Designed by	Checked by	Approved by - date	Filename	Date	Scale
WK	CW		10-4715 NWRL Appendix E	19/08/2006	NTS
Title				DWG.No.	
10-4715 NWRL - Appendix E				E-EP-OP3-NC1.5-03	
Electric Passenger - Operational Phase with 3.0m Barriers				Sheet	Rev
Noise Contours 1.5m Above Ground				3	0