

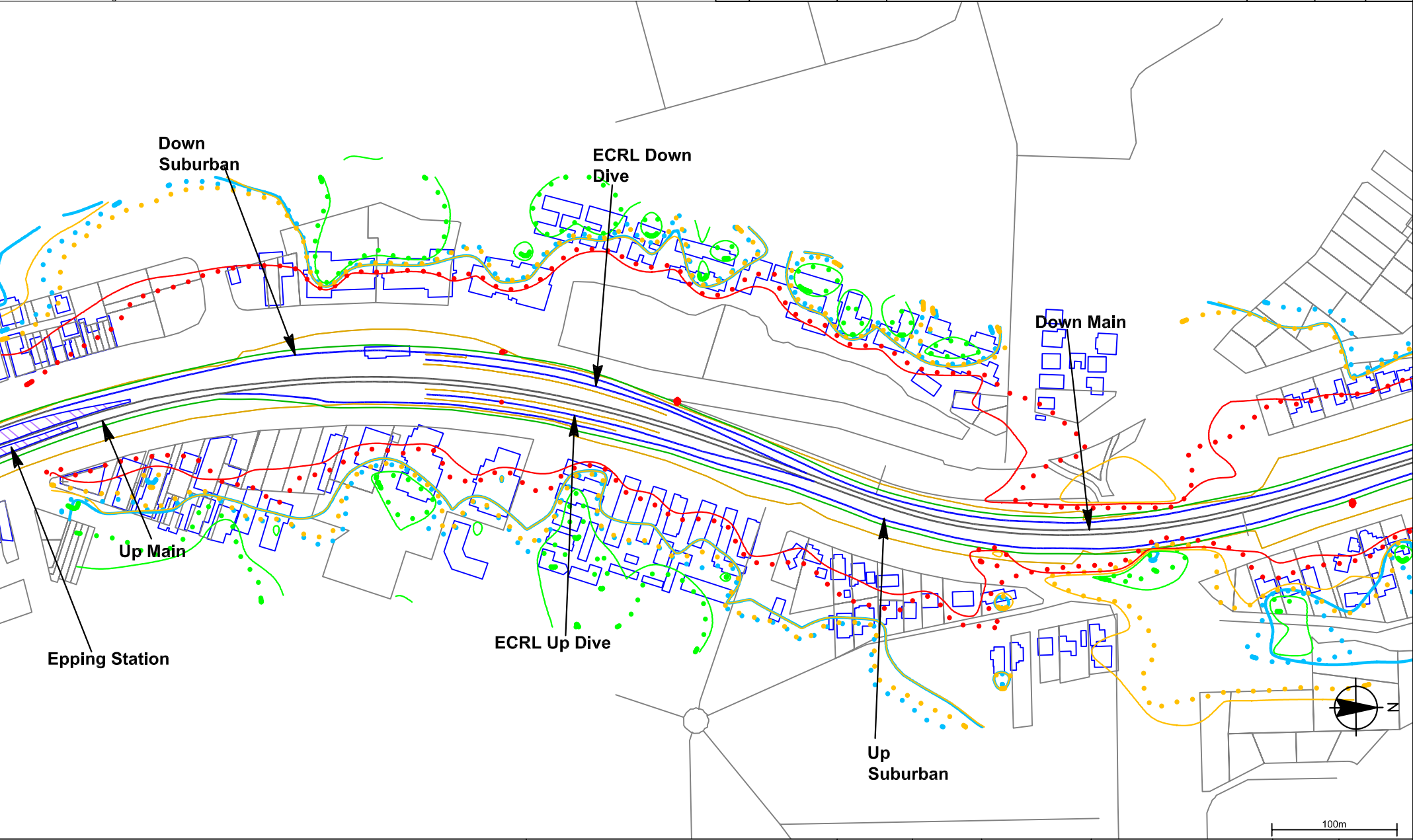
Appendix N

Report 10-4715R2

Cover Page

Main North Line - Noise Contour Plots with 3m Barriers (Freight trains) - second floor

RevNo	Revision note	Date	Initials	Checked

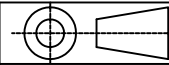


Legend			
85 dBA LAmax No Barriers	60 dBA LAeq(24h) No Barriers	Existing Track	New Train Lines
80 dBA LAmax with 3.0m Barriers	55 dBA LAeq(24h) with 3.0m Barriers		
85 dBA LAmax with 3.0m Barriers	60 dBA LAeq(24h) with 3.0m Barriers		
90 dBA LAmax with 3.0m Barriers	65 dBA LAeq(24h) with 3.0m Barriers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

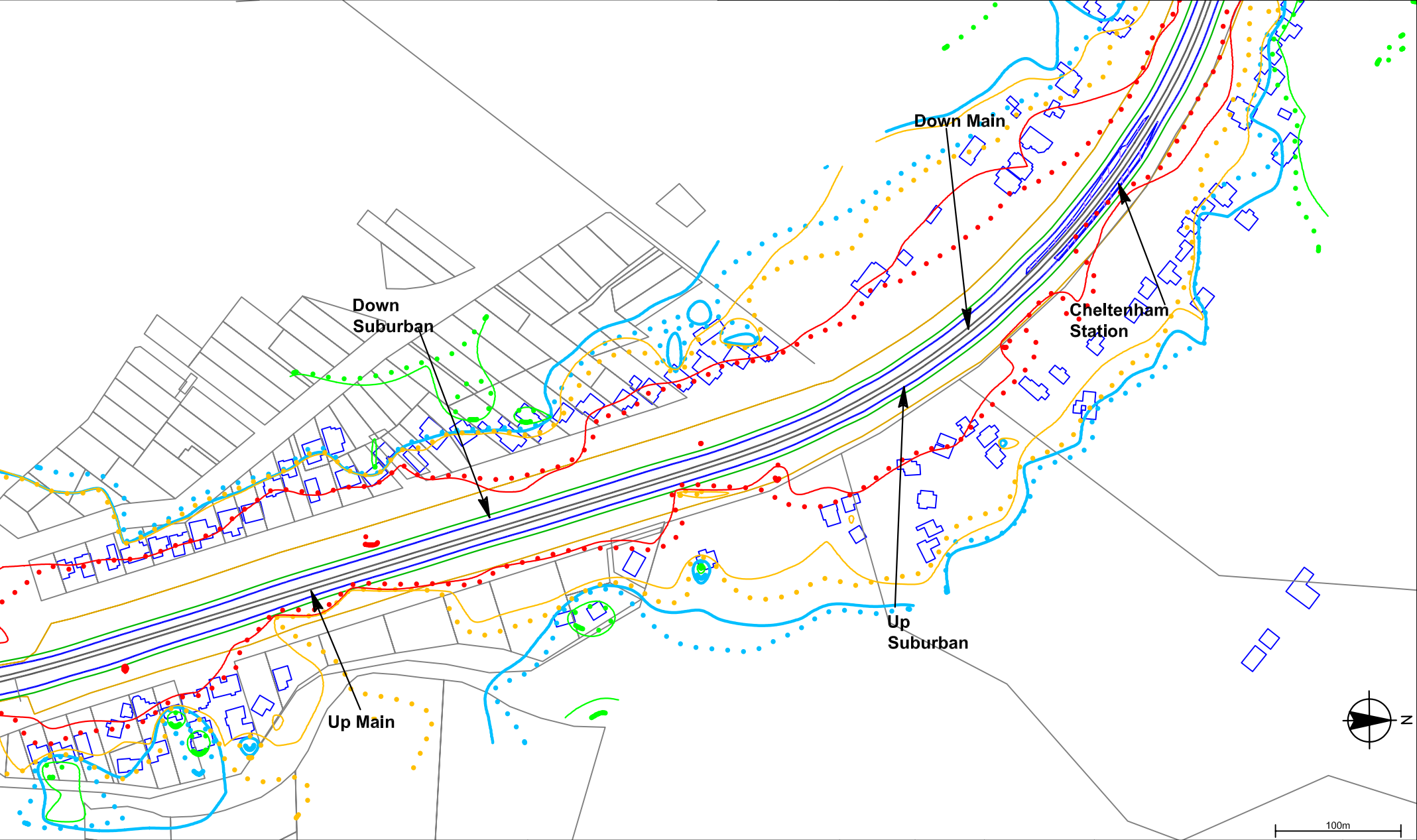
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Quality Endorsed Company

Designed by WK	Checked by CW	Approved by - date	Filename 10-4715 NWRL Appendix N	Date 19/08/2006	Scale NTS
Title 10-4715 NWRL - Appendix N Diesel Freight - Operational Phase with 3.0m Barriers Noise Contours 4.2m Above Ground				DWG.No. N-DF-OP3-NC4.2-01	
				Sheet 1	Rev 0



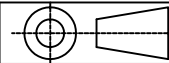
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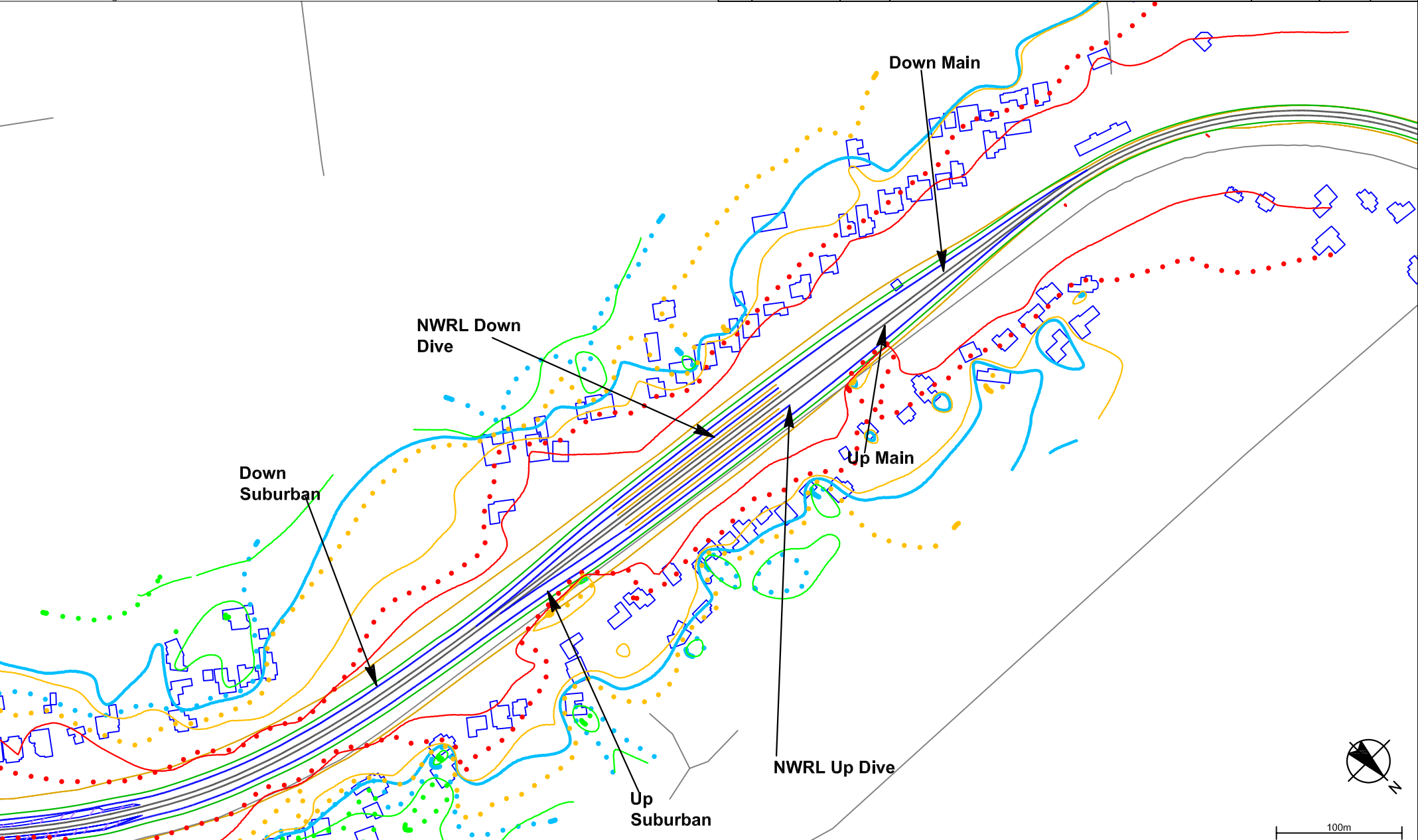
Legend			
85 dBA Lmax No Barriers	60 dBA LAeq(24h) No Barriers	Existing Track	New Train Lines
80 dBA Lmax with 3.0m Barriers	55 dBA LAeq(24h) with 3.0m Barriers		
85 dBA Lmax with 3.0m Barriers	60 dBA LAeq(24h) with 3.0m Barriers		
90 dBA Lmax with 3.0m Barriers	65 dBA LAeq(24h) with 3.0m Barriers		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

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Title 10-4715 NWRL - Appendix N Diesel Freight - Operational Phase with 3.0m Barriers Noise Contours 4.2m Above Ground				DWG.No. N-DF-OP3-NC4.2-02	
				Sheet 2	Rev 0



RevNo	Revision note	Date	Initials	Checked
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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		

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WK	CW		10-4715 NWRL Appendix N	19/08/2006	NTS
Title				DWG.No.	
10-4715 NWRL - Appendix N				N-DF-OP3-NC4.2-03	
Diesel Fright - Operational Phase with 3.0m Barriers				Sheet	Rev
Noise Contours 4.2m Above Ground				3	0